

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100124\
 Data File : VX043205.D
 Acq On : 01 Oct 2024 10:24
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 02 04:26:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 04:21:52 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 10/02/2024
 Supervised By :Semsettin Yesilyurt 10/02/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.538	168	100228	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.751	114	169363	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	148511	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	70701	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	79333	45.985	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.960%
35) Dibromofluoromethane	5.379	113	59772	49.500	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.000%
50) Toluene-d8	8.647	98	200860	49.624	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.240%
62) 4-Bromofluorobenzene	11.079	95	77467	52.681	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	105.360%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	66919	57.400	ug/l	97
3) Chloromethane	1.294	50	62837	52.333	ug/l	100
4) Vinyl Chloride	1.374	62	65100	54.129	ug/l	97
5) Bromomethane	1.599	94	26931	54.809	ug/l	99
6) Chloroethane	1.666	64	23749	53.026	ug/l	98
7) Trichlorofluoromethane	1.867	101	106464	59.246	ug/l	99
8) Diethyl Ether	2.136	74	37447	53.549	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	63158	56.321	ug/l	99
10) Methyl Iodide	2.447	142	78161	57.560	ug/l	98
11) Tert butyl alcohol	2.995	59	84986	268.067	ug/l	99
12) 1,1-Dichloroethene	2.306	96	61127	54.892	ug/l	96
13) Acrolein	2.239	56	9601	32.634	ug/l	97
14) Allyl chloride	2.654	41	100814	55.105	ug/l	99
15) Acrylonitrile	3.062	53	171122	269.042	ug/l	99
16) Acetone	2.386	43	189278	276.895	ug/l	100
17) Carbon Disulfide	2.502	76	148797	54.936	ug/l	98
18) Methyl Acetate	2.703	43	96465	56.254	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	219382	55.066	ug/l	98
20) Methylene Chloride	2.782	84	66790	52.993	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	60885	54.937	ug/l	93
22) Diisopropyl ether	3.757	45	202935	55.149	ug/l	97
23) Vinyl Acetate	3.715	43	1233134	317.130	ug/l	100
24) 1,1-Dichloroethane	3.605	63	118860	55.445	ug/l	100
25) 2-Butanone	4.556	43	253050	269.986	ug/l	100
26) 2,2-Dichloropropane	4.465	77	115978	56.862	ug/l	100
27) cis-1,2-Dichloroethene	4.477	96	75134	54.359	ug/l	99
28) Bromochloromethane	4.891	49	46993	55.564	ug/l	99
29) Tetrahydrofuran	5.001	42	156938	262.841	ug/l	99
30) Chloroform	5.086	83	127994	54.368	ug/l	100
31) Cyclohexane	5.458	56	96333	54.541	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	118792	54.937	ug/l	100
36) 1,1-Dichloropropene	5.684	75	85156	57.711	ug/l	99
37) Ethyl Acetate	4.708	43	97810	55.176	ug/l	98
38) Carbon Tetrachloride	5.666	117	100769	57.688	ug/l	97
39) Methylcyclohexane	7.373	83	108678	58.561	ug/l	99
40) Benzene	6.031	78	251635	56.248	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100124\
 Data File : VX043205.D
 Acq On : 01 Oct 2024 10:24
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :John Carlone 10/02/2024
 Supervised By :Semsettin Yesilyurt 10/02/2024

Quant Time: Oct 02 04:26:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 04:21:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	52572	56.995	ug/l	98
42) 1,2-Dichloroethane	6.080	62	102314	56.123	ug/l	99
43) Isopropyl Acetate	6.336	43	164412	56.175	ug/l	100
44) Trichloroethene	7.117	130	66703	56.214	ug/l	100
45) 1,2-Dichloropropane	7.427	63	62276	56.724	ug/l	95
46) Dibromomethane	7.574	93	50232	57.098	ug/l	98
47) Bromodichloromethane	7.818	83	100764	58.258	ug/l	98
48) Methyl methacrylate	7.690	41	80627	57.647	ug/l	99
49) 1,4-Dioxane	7.665	88	30314	1085.933	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	492304	276.952	ug/l	98
52) Toluene	8.714	92	161651	57.654	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	103953	60.483	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	109024	59.143	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	64444	57.834	ug/l	98
56) Ethyl methacrylate	9.116	69	108789	59.716	ug/l	100
57) 1,3-Dichloropropane	9.305	76	107779	56.790	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	227326	276.834	ug/l	100
59) 2-Hexanone	9.427	43	381414	283.741	ug/l	100
60) Dibromochloromethane	9.519	129	78096	60.413	ug/l	98
61) 1,2-Dibromoethane	9.604	107	68526	57.238	ug/l	99
64) Tetrachloroethene	9.269	164	58577	56.844	ug/l	97
65) Chlorobenzene	10.079	112	178393	55.873	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	64911	57.495	ug/l	99
67) Ethyl Benzene	10.189	91	315075	57.093	ug/l	99
68) m/p-Xylenes	10.299	106	234240	112.315	ug/l	99
69) o-Xylene	10.640	106	116187	56.064	ug/l	98
70) Styrene	10.652	104	193999	57.762	ug/l	100
71) Bromoform	10.799	173	51093	59.077	ug/l #	99
73) Isopropylbenzene	10.963	105	301765	54.898	ug/l	99
74) N-amyl acetate	10.841	43	142671	54.676	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	95265	53.200	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	82677m	52.720	ug/l	
77) Bromobenzene	11.195	156	72243	54.006	ug/l	100
78) n-propylbenzene	11.305	91	346723	57.458	ug/l	100
79) 2-Chlorotoluene	11.360	91	209666	54.045	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	252271	55.636	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	33085	54.676	ug/l	98
82) 4-Chlorotoluene	11.451	91	242475	54.867	ug/l	99
83) tert-Butylbenzene	11.713	119	255318	54.655	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	253781	55.626	ug/l	98
85) sec-Butylbenzene	11.890	105	312579	56.445	ug/l	100
86) p-Isopropyltoluene	12.006	119	265640	57.495	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	133500	56.654	ug/l	97
88) 1,4-Dichlorobenzene	11.969	146	133500	56.471	ug/l	99
89) n-Butylbenzene	12.329	91	232637	60.143	ug/l	100
90) Hexachloroethane	12.536	117	50885	58.725	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	130372	54.100	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	23851	54.554	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	83124	59.833	ug/l	100
94) Hexachlorobutadiene	13.725	225	33299	60.462	ug/l	98
95) Naphthalene	13.774	128	283883	55.585	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	82740	57.723	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100124\
Data File : VX043205.D
Acq On : 01 Oct 2024 10:24
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024

Quant Time: Oct 02 04:26:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 02 04:21:52 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

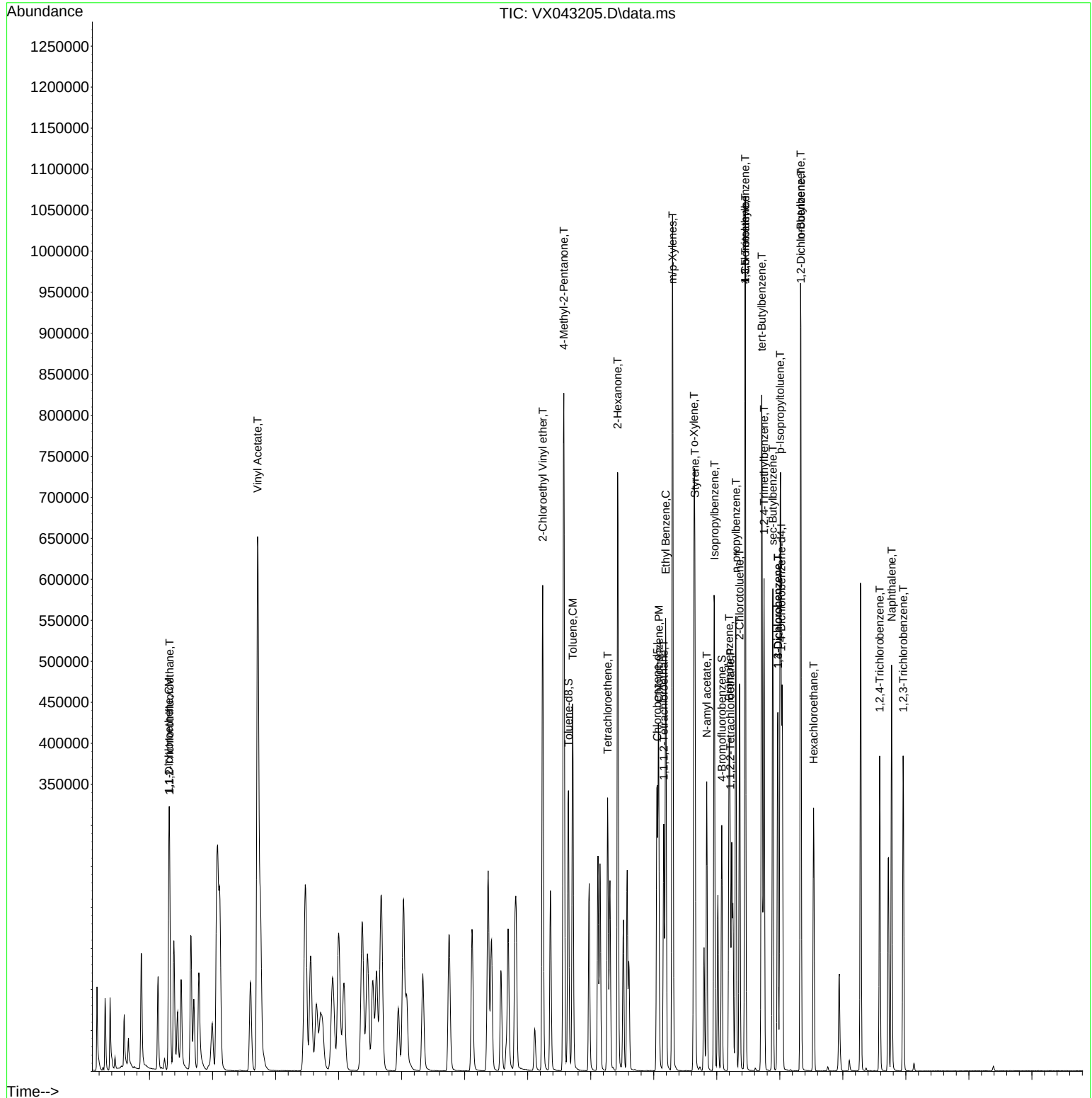
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100124\
Data File : VX043205.D
Acq On : 01 Oct 2024 10:24
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

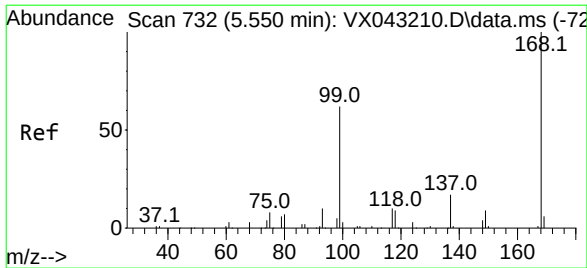
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Oct 02 04:26:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 02 04:21:52 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

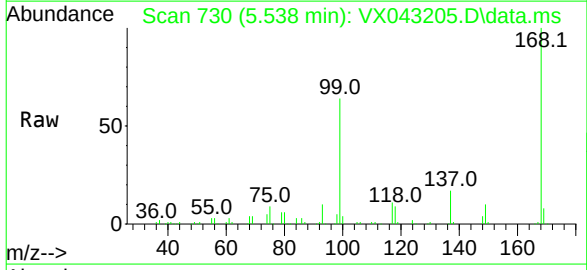
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 73
Delta R.T. -0.012 min
Lab File: VX043205.D
Acq: 01 Oct 2024 10:24

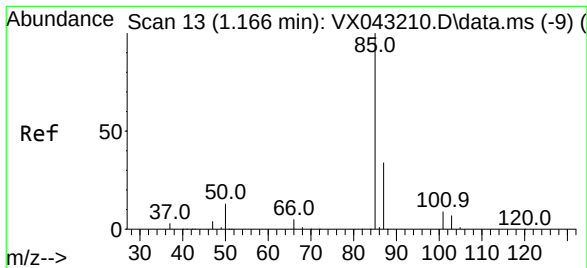
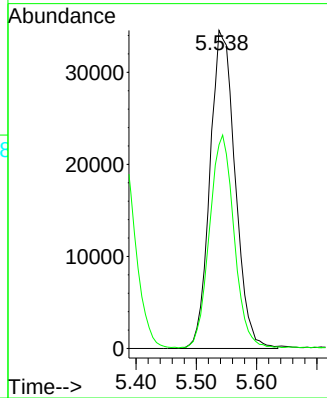
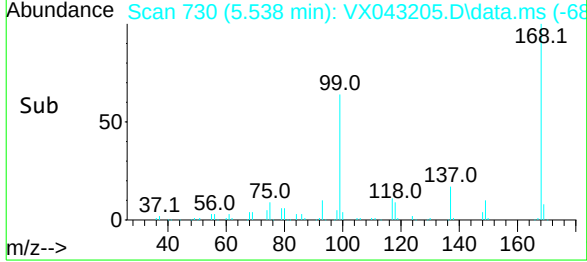
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 168 Resp: 100228
Ion Ratio Lower Upper
168 100
99 63.8 49.7 74.5

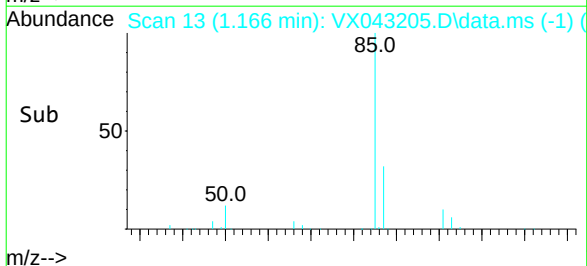
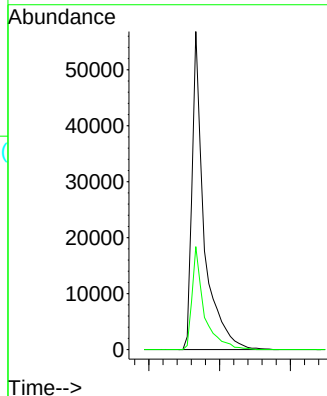
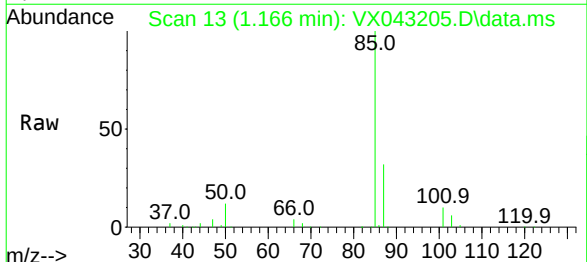
Manual Integrations
APPROVED

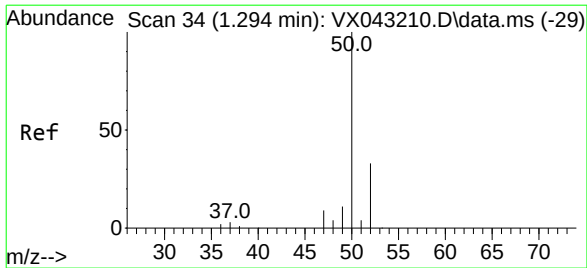
Reviewed By : John Carlone 10/02/2024
Supervised By : Semsettin Yesilyurt 10/02/2024



#2
Dichlorodifluoromethane
Concen: 57.400 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX043205.D
Acq: 01 Oct 2024 10:24

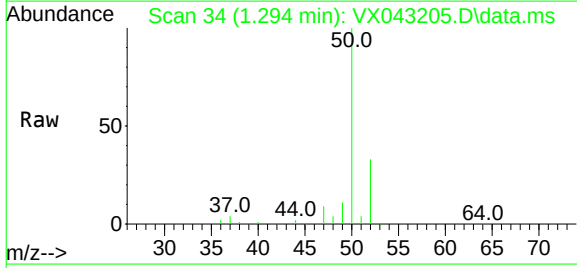
Tgt Ion: 85 Resp: 66919
Ion Ratio Lower Upper
85 100
87 32.4 17.1 51.2





#3
Chloromethane
Concen: 52.333 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX043205.D
Acq: 01 Oct 2024 10:24

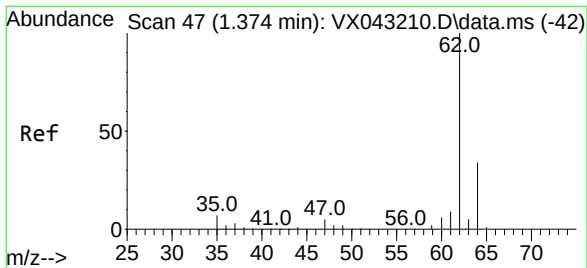
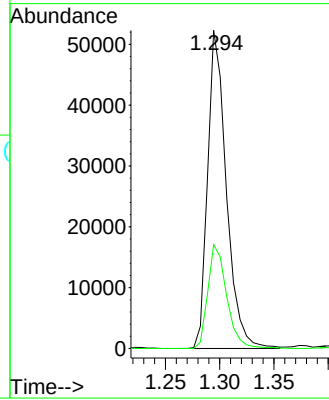
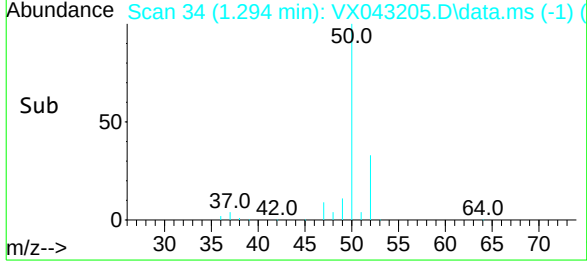
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



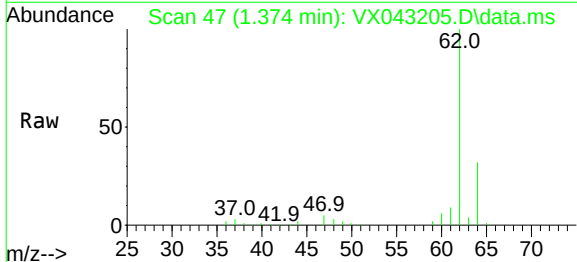
Tgt Ion: 50 Resp: 62837
Ion Ratio Lower Upper
50 100
52 32.6 26.1 39.1

Manual Integrations
APPROVED

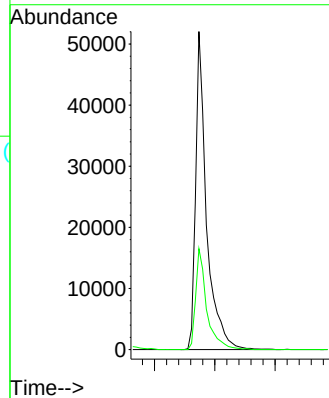
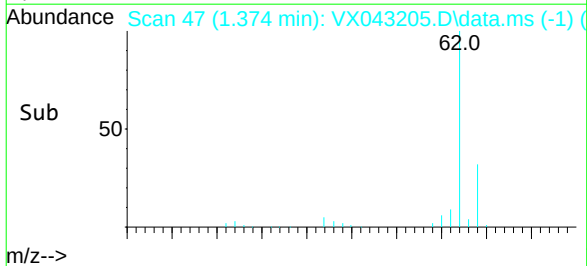
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024

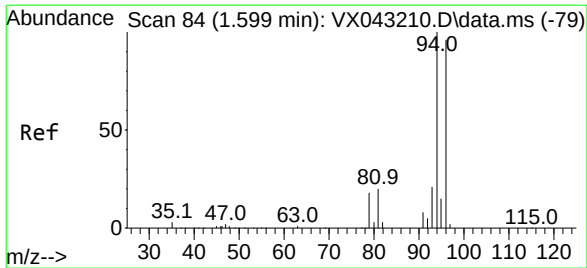


#4
Vinyl Chloride
Concen: 54.129 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX043205.D
Acq: 01 Oct 2024 10:24



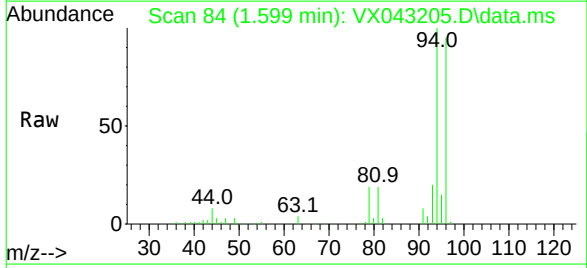
Tgt Ion: 62 Resp: 65100
Ion Ratio Lower Upper
62 100
64 31.7 26.8 40.2





#5
Bromomethane
Concen: 54.809 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX043205.D
Acq: 01 Oct 2024 10:24

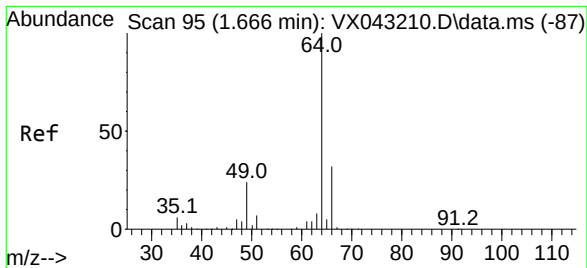
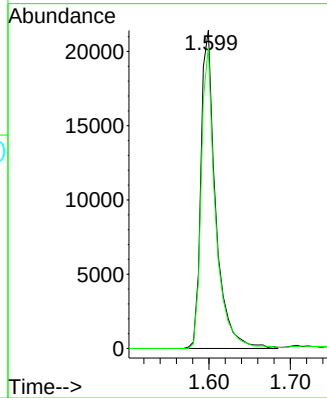
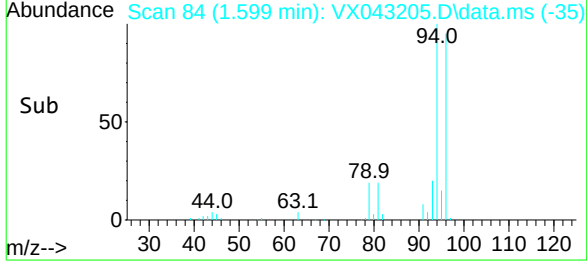
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 94 Resp: 26931
Ion Ratio Lower Upper
94 100
96 94.8 76.6 115.0

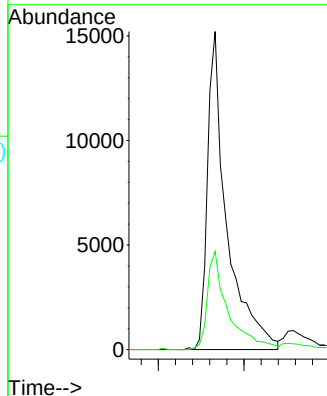
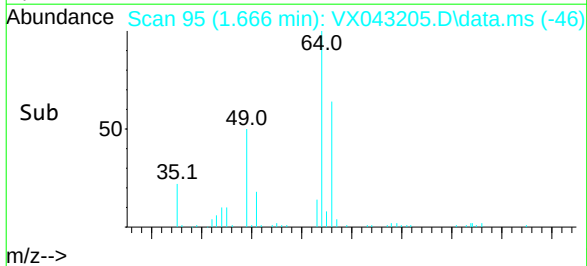
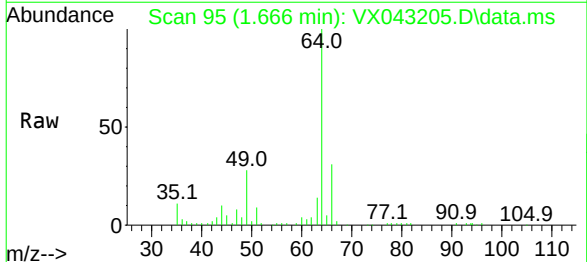
Manual Integrations
APPROVED

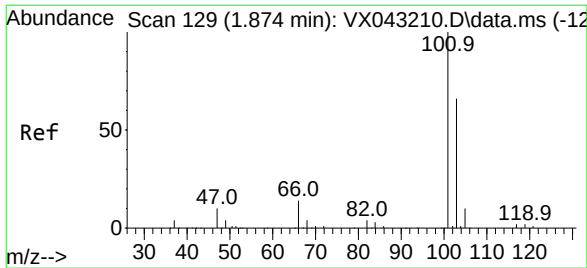
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#6
Chloroethane
Concen: 53.026 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX043205.D
Acq: 01 Oct 2024 10:24

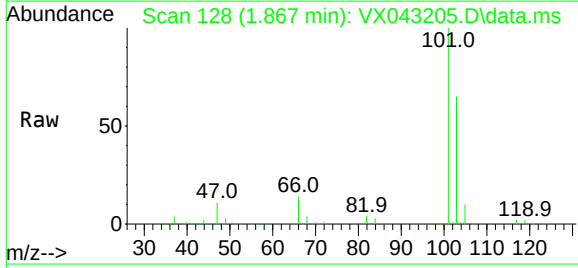
Tgt Ion: 64 Resp: 23749
Ion Ratio Lower Upper
64 100
66 30.9 25.8 38.8





#7
 Trichlorofluoromethane
 Concen: 59.246 ug/l
 RT: 1.867 min Scan# 129
 Delta R.T. -0.006 min
 Lab File: VX043205.D
 Acq: 01 Oct 2024 10:24

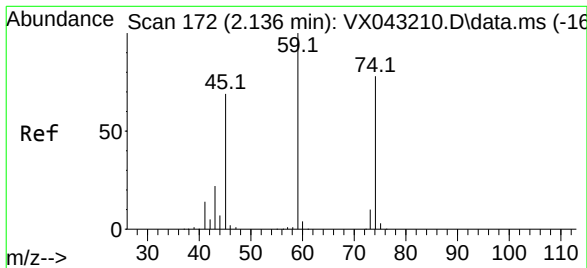
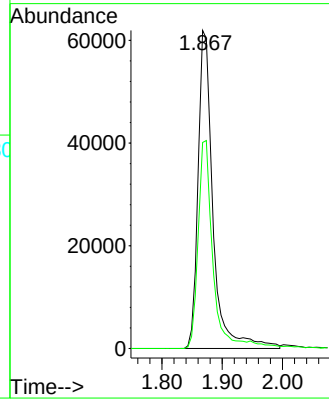
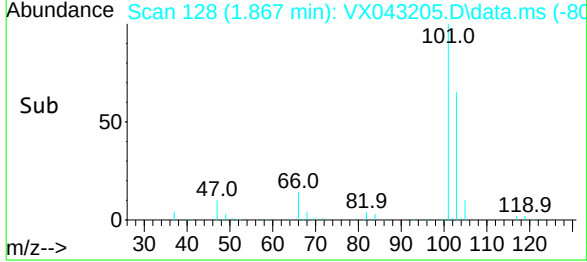
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



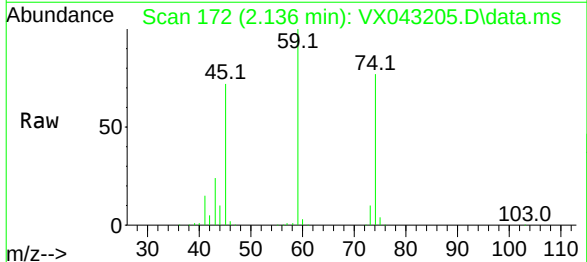
Tgt Ion: 101 Resp: 106464
 Ion Ratio Lower Upper
 101 100
 103 64.8 52.7 79.1

Manual Integrations
 APPROVED

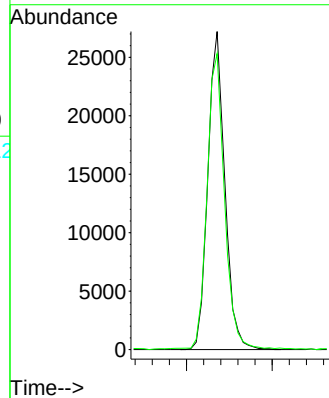
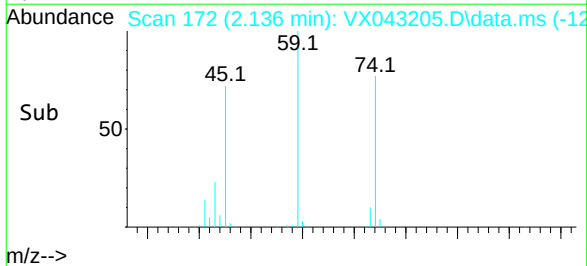
Reviewed By : John Carlone 10/02/2024
 Supervised By : Semsettin Yesilyurt 10/02/2024

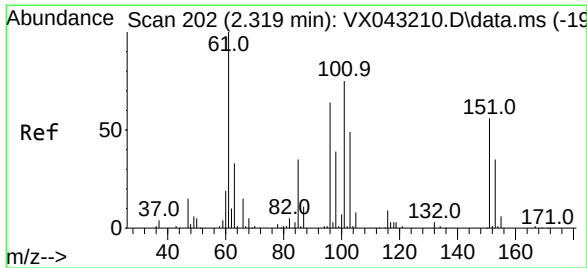


#8
 Diethyl Ether
 Concen: 53.549 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX043205.D
 Acq: 01 Oct 2024 10:24



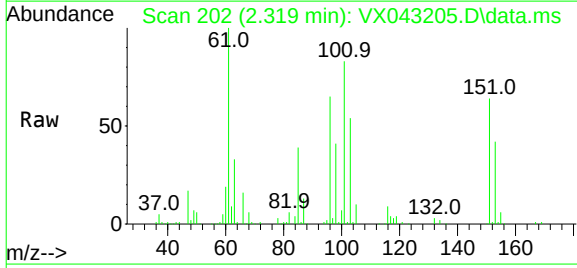
Tgt Ion: 74 Resp: 37447
 Ion Ratio Lower Upper
 74 100
 45 97.0 47.1 141.4





#9
1,1,2-Trichlorotrifluoroethane
Concen: 56.321 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX043205.D
Acq: 01 Oct 2024 10:24

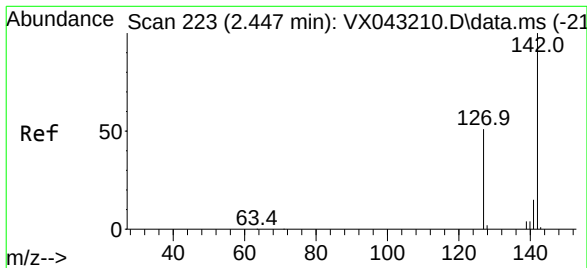
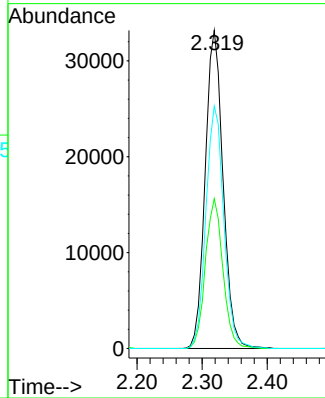
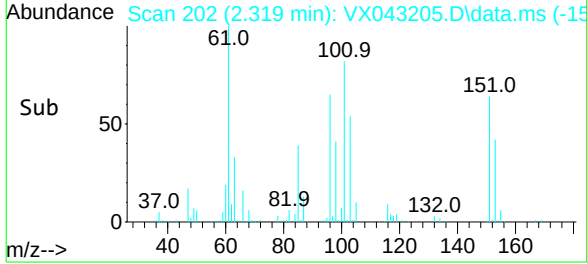
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



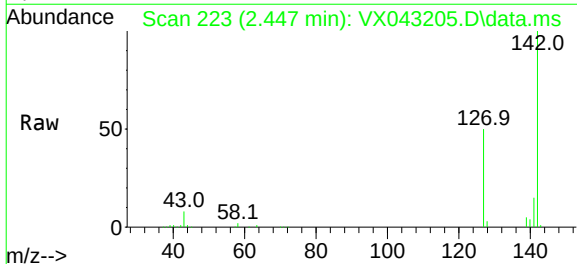
Tgt Ion:101 Resp: 63158
Ion Ratio Lower Upper
101 100
85 46.3 37.0 55.6
151 76.6 60.0 90.0

Manual Integrations
APPROVED

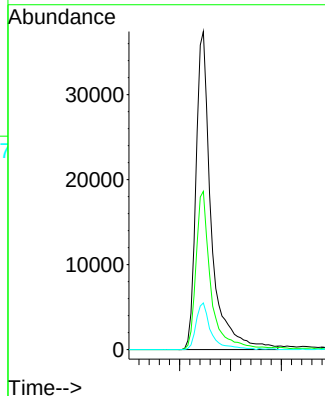
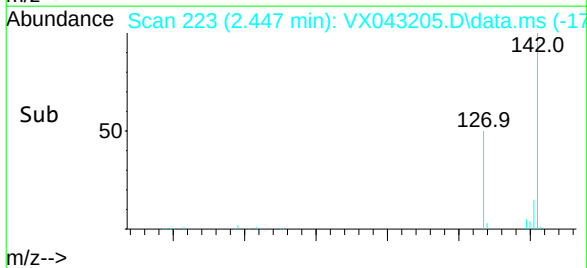
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024

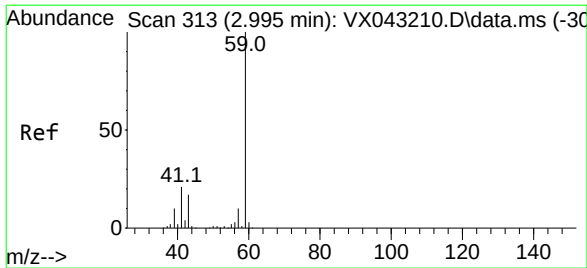


#10
Methyl Iodide
Concen: 57.560 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.000 min
Lab File: VX043205.D
Acq: 01 Oct 2024 10:24



Tgt Ion:142 Resp: 78161
Ion Ratio Lower Upper
142 100
127 48.4 39.8 59.8
141 14.3 11.6 17.4





#11

Tert butyl alcohol

Concen: 268.067 ug/l

RT: 2.995 min Scan# 31

Delta R.T. -0.000 min

Lab File: VX043205.D

Acq: 01 Oct 2024 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 84986

Ion Ratio Lower Upper

59 100

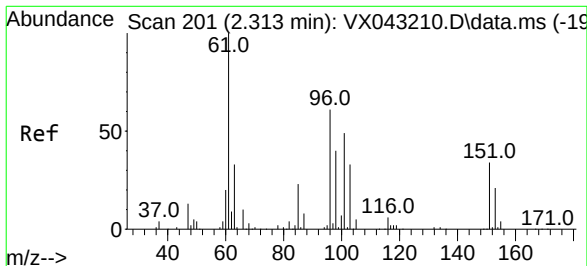
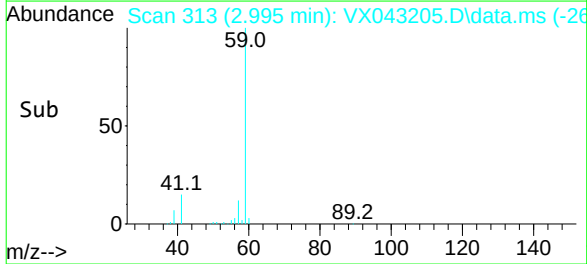
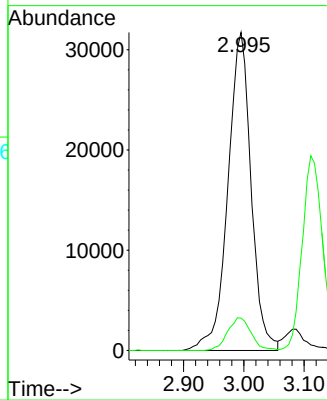
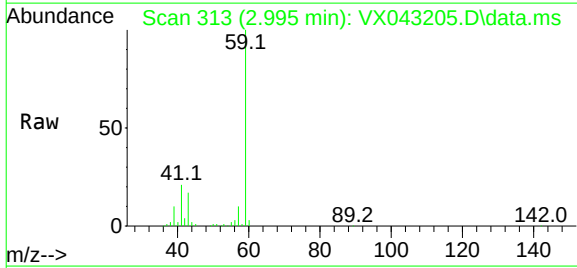
57 10.5 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/02/2024

Supervised By :Semsettin Yesilyurt 10/02/2024



#12

1,1-Dichloroethene

Concen: 54.892 ug/l

RT: 2.306 min Scan# 200

Delta R.T. -0.006 min

Lab File: VX043205.D

Acq: 01 Oct 2024 10:24

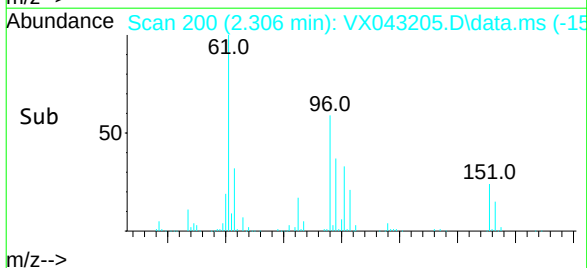
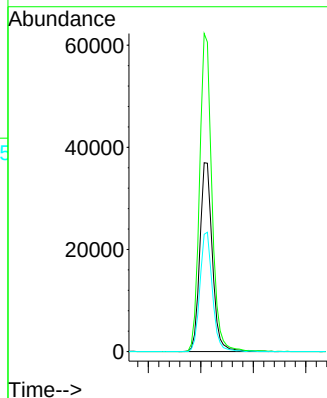
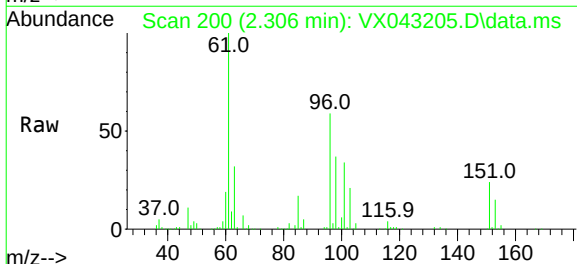
Tgt Ion: 96 Resp: 61127

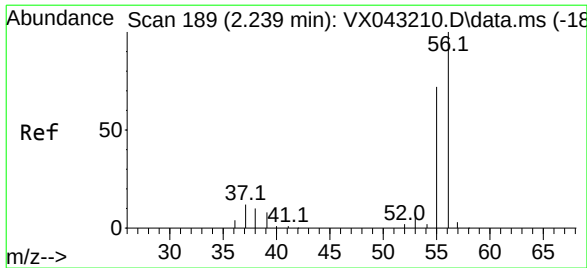
Ion Ratio Lower Upper

96 100

61 168.4 130.6 195.8

98 62.1 51.7 77.5





#13

Acrolein

Concen: 32.634 ug/l

RT: 2.239 min Scan# 18

Delta R.T. 0.000 min

Lab File: VX043205.D

Acq: 01 Oct 2024 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 9601

Ion Ratio Lower Upper

56 100

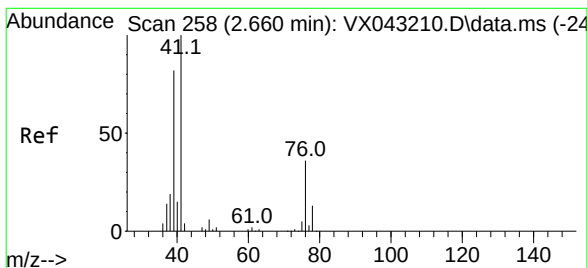
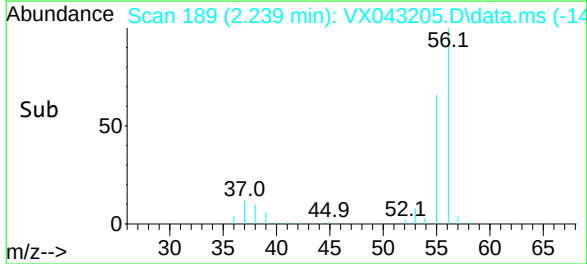
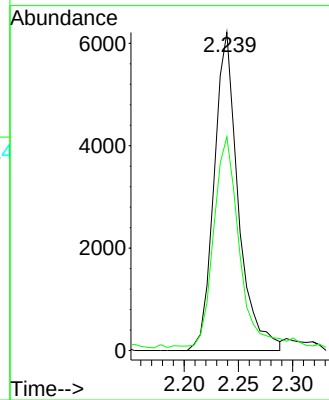
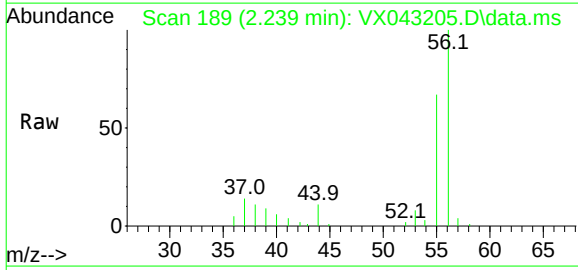
55 69.2 57.4 86.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/02/2024

Supervised By :Semsettin Yesilyurt 10/02/2024



#14

Allyl chloride

Concen: 55.105 ug/l

RT: 2.654 min Scan# 257

Delta R.T. 0.000 min

Lab File: VX043205.D

Acq: 01 Oct 2024 10:24

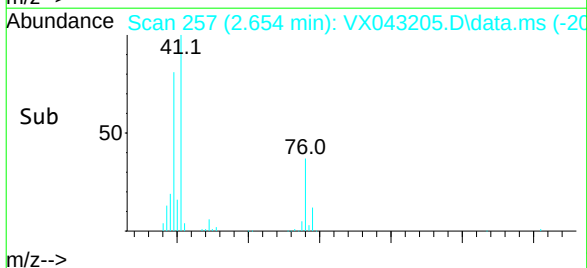
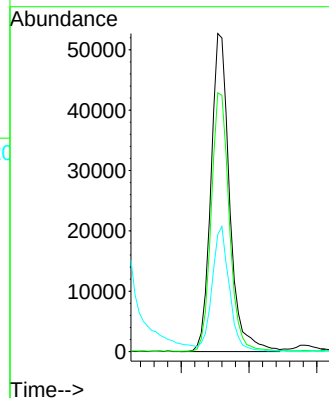
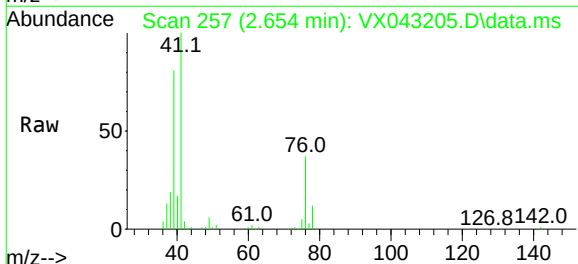
Tgt Ion: 41 Resp: 100814

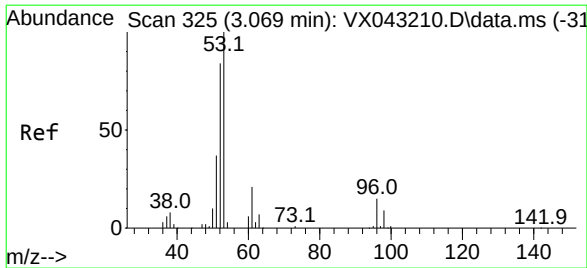
Ion Ratio Lower Upper

41 100

39 78.1 61.7 92.5

76 36.5 28.6 43.0





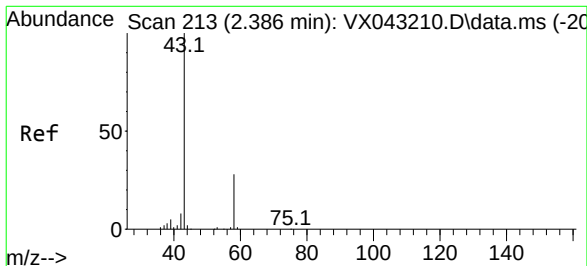
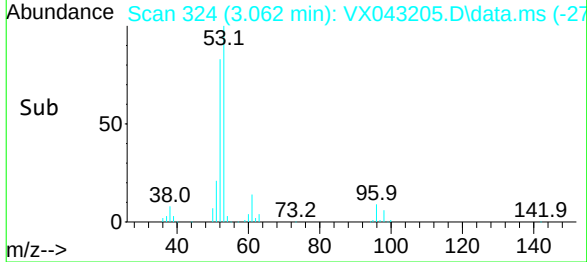
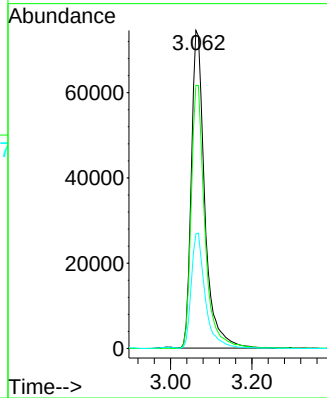
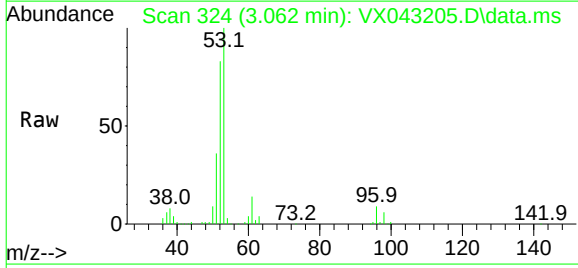
#15
Acrylonitrile
Concen: 269.042 ug/l
RT: 3.062 min Scan# 325
Delta R.T. -0.018 min
Lab File: VX043205.D
Acq: 01 Oct 2024 10:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 171122
Ion Ratio Lower Upper
53 100
52 83.9 67.6 101.4
51 37.2 30.3 45.5

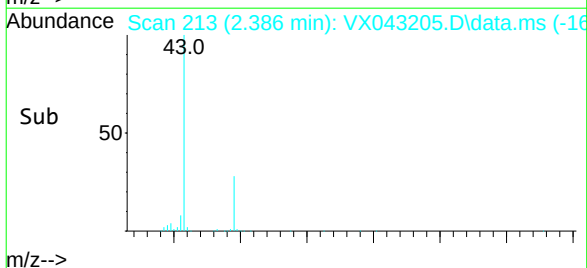
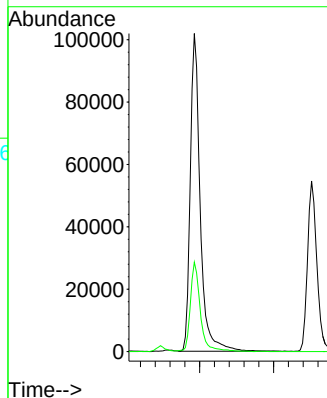
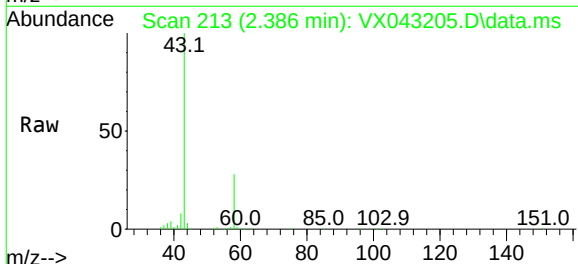
Manual Integrations
APPROVED

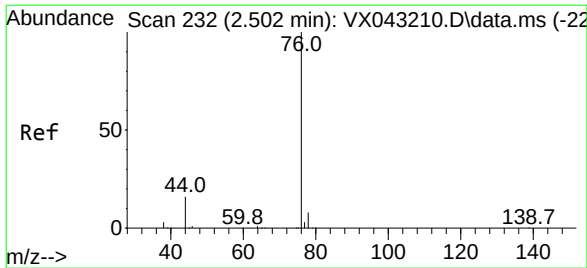
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#16
Acetone
Concen: 276.895 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX043205.D
Acq: 01 Oct 2024 10:24

Tgt Ion: 43 Resp: 189278
Ion Ratio Lower Upper
43 100
58 28.2 22.6 33.8





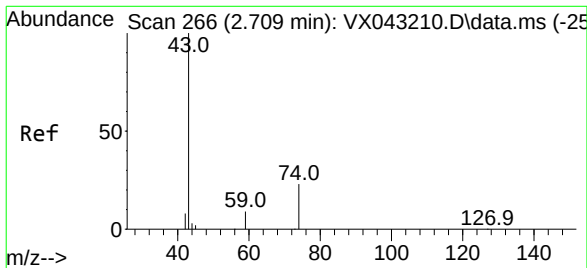
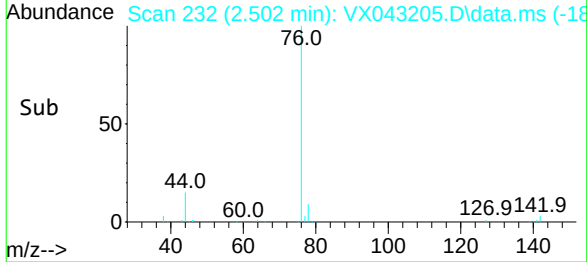
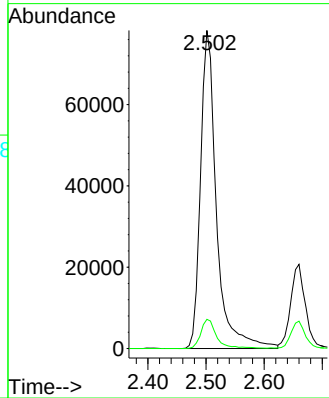
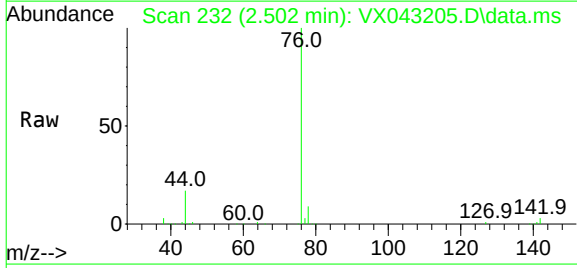
#17
Carbon Disulfide
Concen: 54.936 ug/l
RT: 2.502 min Scan# 232
Delta R.T. 0.000 min
Lab File: VX043205.D
Acq: 01 Oct 2024 10:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 148797
Ion Ratio Lower Upper
76 100
78 9.2 6.7 10.1

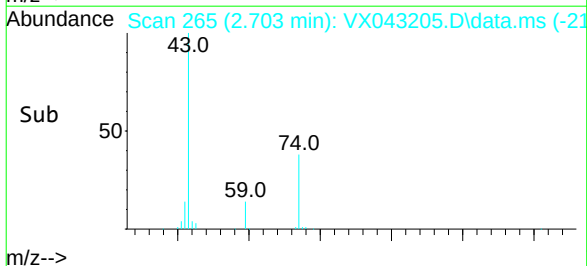
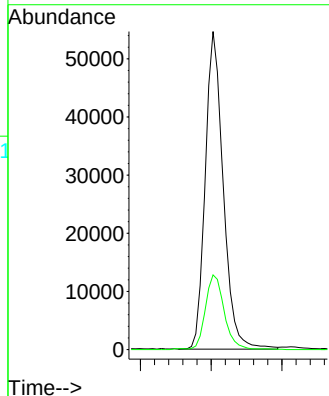
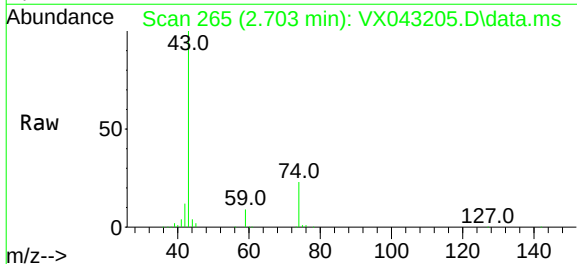
Manual Integrations
APPROVED

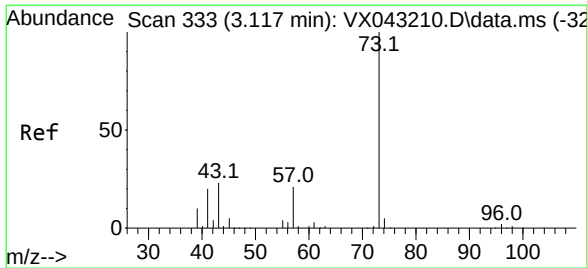
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#18
Methyl Acetate
Concen: 56.254 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX043205.D
Acq: 01 Oct 2024 10:24

Tgt Ion: 43 Resp: 96465
Ion Ratio Lower Upper
43 100
74 24.9 19.1 28.7





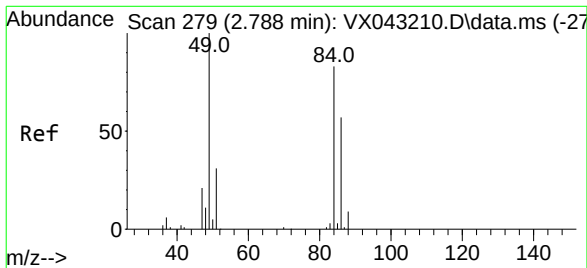
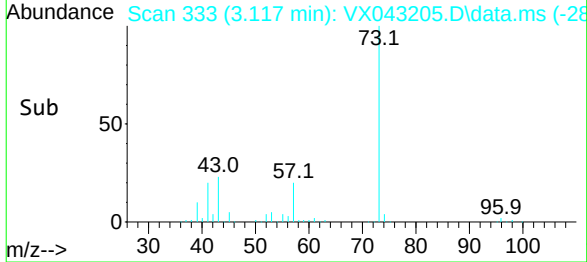
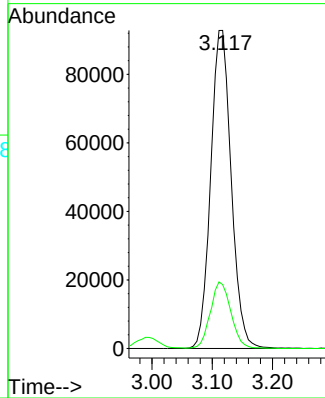
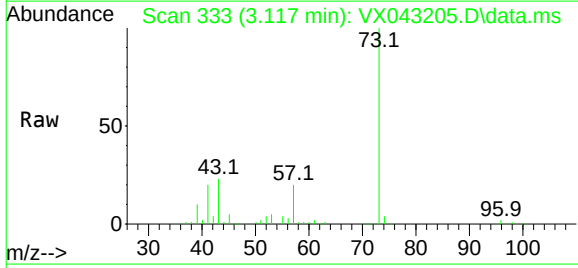
#19
Methyl tert-butyl Ether
Concen: 55.066 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX043205.D
Acq: 01 Oct 2024 10:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 219382
Ion Ratio Lower Upper
73 100
57 20.1 16.7 25.1

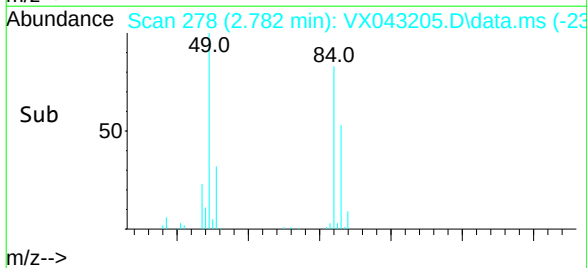
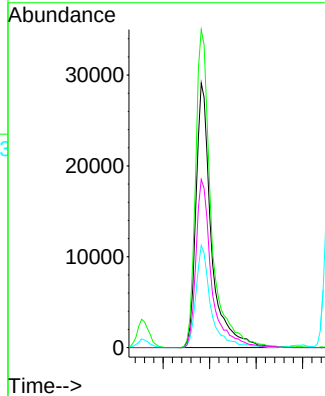
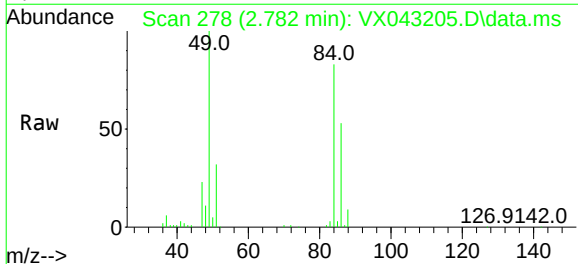
Manual Integrations
APPROVED

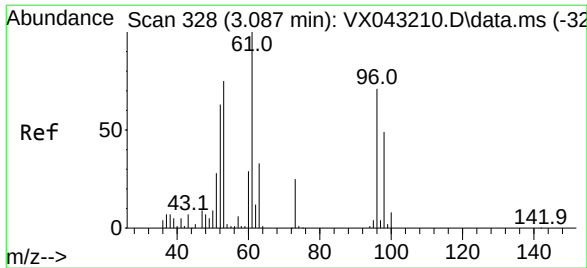
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#20
Methylene Chloride
Concen: 52.993 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX043205.D
Acq: 01 Oct 2024 10:24

Tgt Ion: 84 Resp: 66790
Ion Ratio Lower Upper
84 100
49 120.2 96.7 145.1
51 38.6 30.4 45.6
86 63.6 54.7 82.1





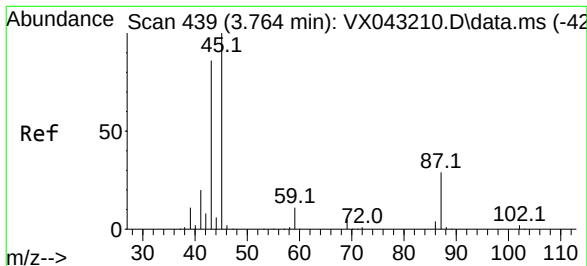
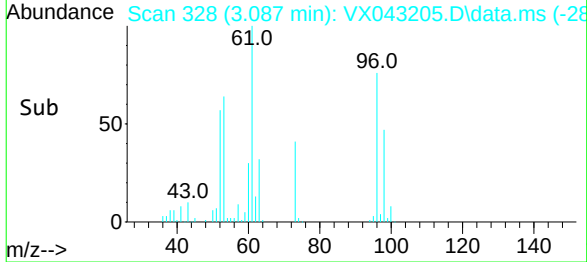
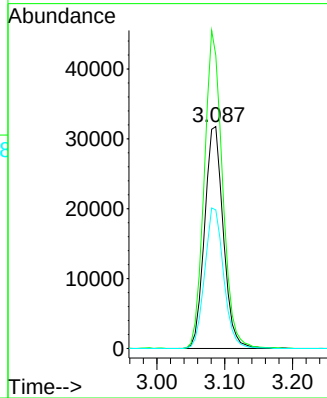
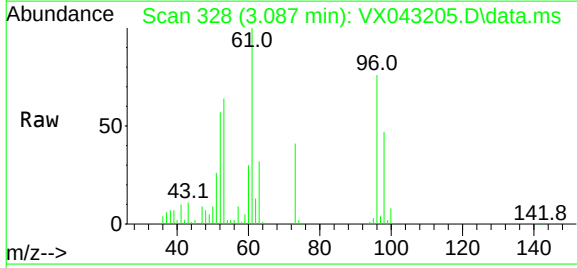
#21
trans-1,2-Dichloroethene
Concen: 54.937 ug/l
RT: 3.087 min Scan# 32
Delta R.T. -0.006 min
Lab File: VX043205.D
Acq: 01 Oct 2024 10:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 60885
Ion Ratio Lower Upper
96 100
61 132.1 112.3 168.5
98 62.4 54.6 82.0

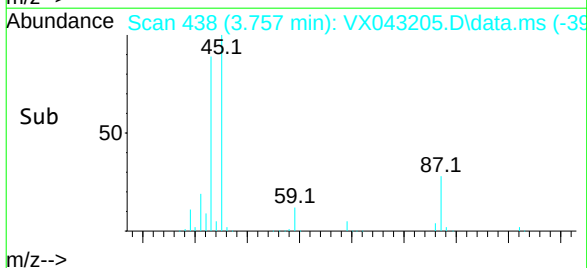
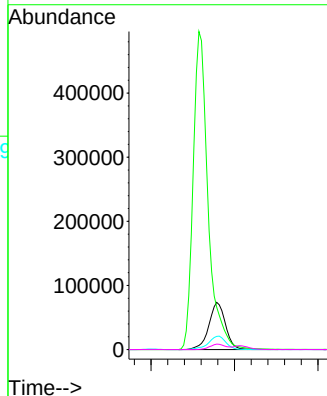
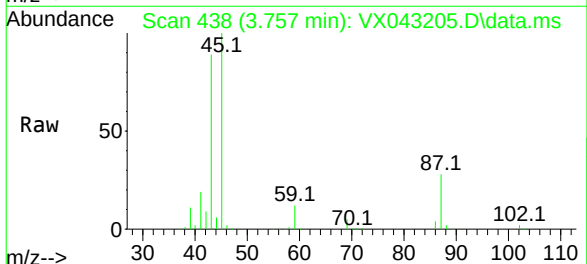
Manual Integrations
APPROVED

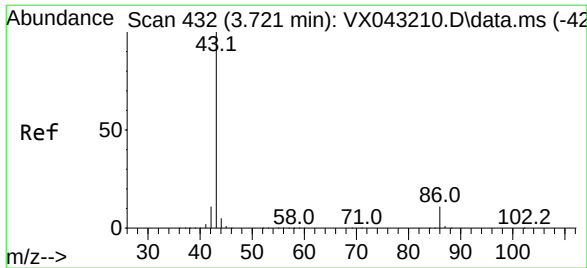
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#22
Diisopropyl ether
Concen: 55.149 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.012 min
Lab File: VX043205.D
Acq: 01 Oct 2024 10:24

Tgt Ion: 45 Resp: 202935
Ion Ratio Lower Upper
45 100
43 89.2 68.5 102.7
87 27.9 23.0 34.4
59 11.7 8.8 13.2





#23

Vinyl Acetate

Concen: 317.130 ug/l

RT: 3.715 min Scan# 43

Delta R.T. -0.018 min

Lab File: VX043205.D

Acq: 01 Oct 2024 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 1233134

Ion Ratio Lower Upper

43 100

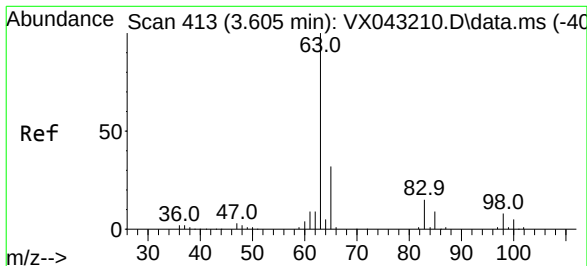
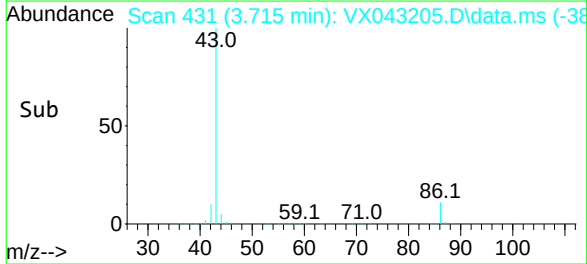
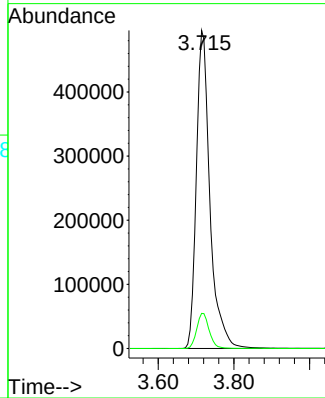
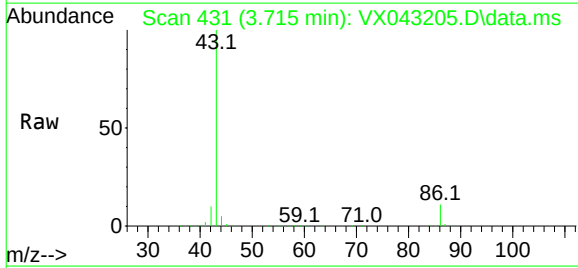
86 11.0 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/02/2024

Supervised By :Semsettin Yesilyurt 10/02/2024



#24

1,1-Dichloroethane

Concen: 55.445 ug/l

RT: 3.605 min Scan# 413

Delta R.T. -0.006 min

Lab File: VX043205.D

Acq: 01 Oct 2024 10:24

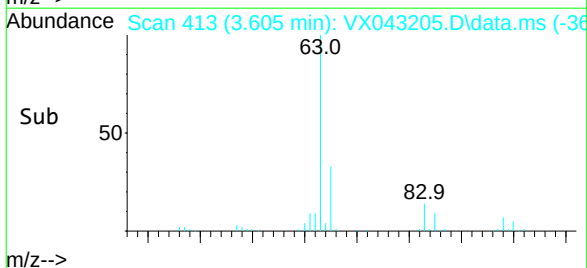
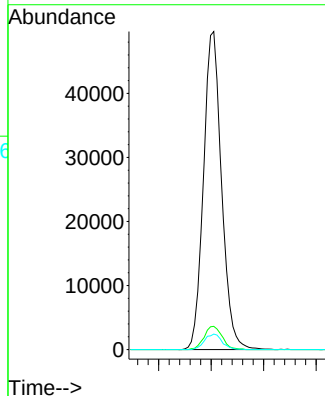
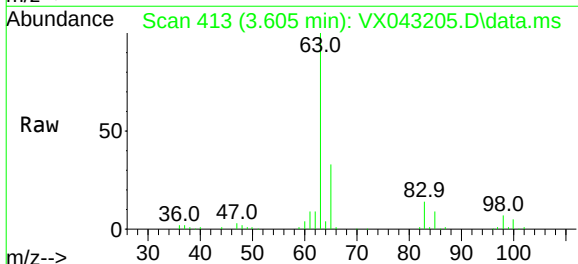
Tgt Ion: 63 Resp: 118860

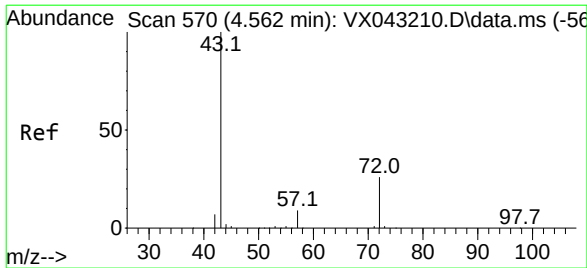
Ion Ratio Lower Upper

63 100

98 7.3 3.8 11.2

100 4.9 2.5 7.4





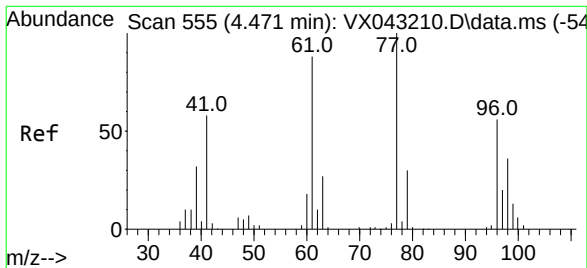
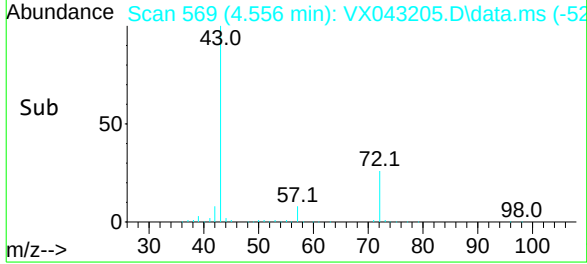
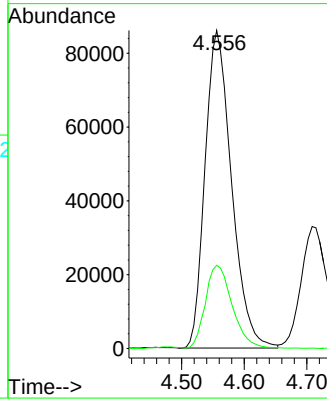
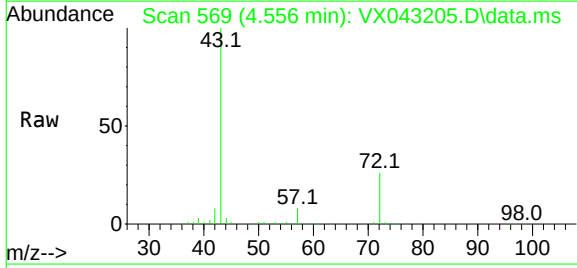
#25
2-Butanone
Concen: 269.986 ug/l
RT: 4.556 min Scan# 56
Delta R.T. -0.024 min
Lab File: VX043205.D
Acq: 01 Oct 2024 10:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 253050
Ion Ratio Lower Upper
43 100
72 25.9 20.6 31.0

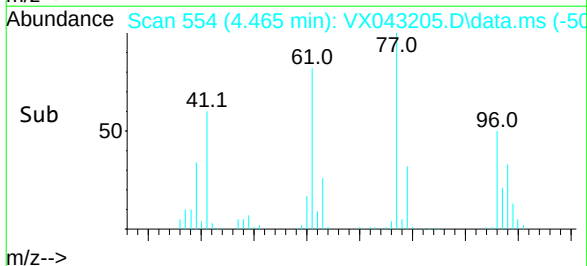
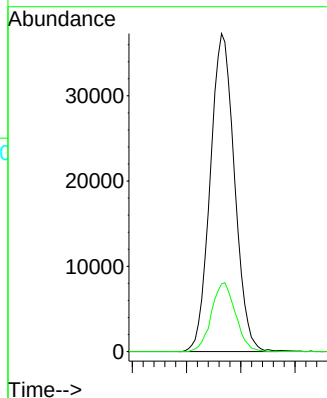
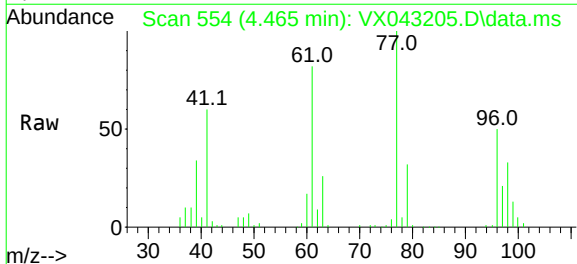
Manual Integrations
APPROVED

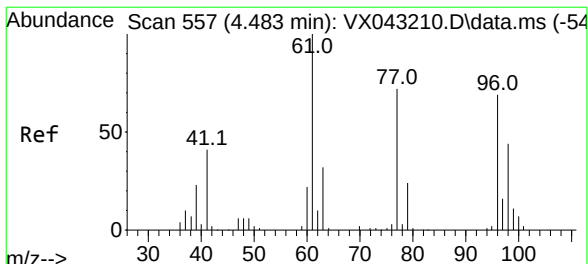
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#26
2,2-Dichloropropane
Concen: 56.862 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.012 min
Lab File: VX043205.D
Acq: 01 Oct 2024 10:24

Tgt Ion: 77 Resp: 115978
Ion Ratio Lower Upper
77 100
97 21.5 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 54.359 ug/l
 RT: 4.477 min Scan# 555
 Delta R.T. -0.012 min
 Lab File: VX043205.D
 Acq: 01 Oct 2024 10:24

Instrument :

MSVOA_X

ClientSampleId :

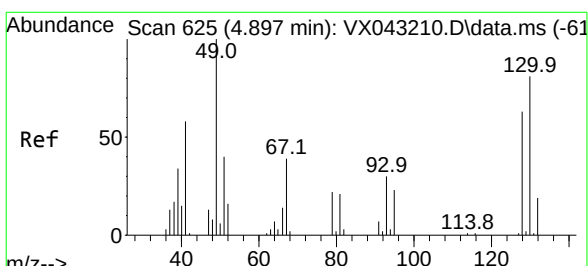
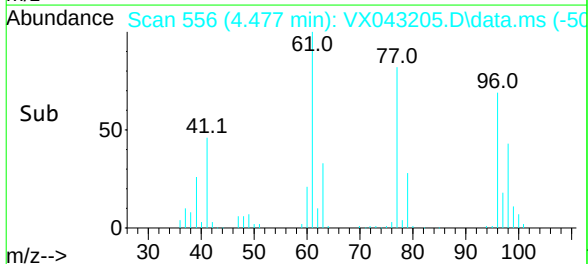
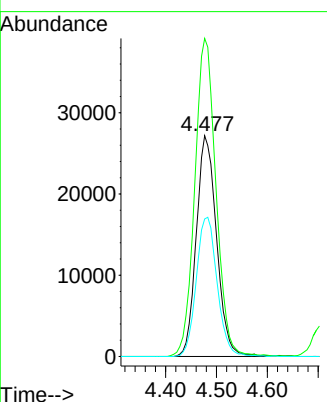
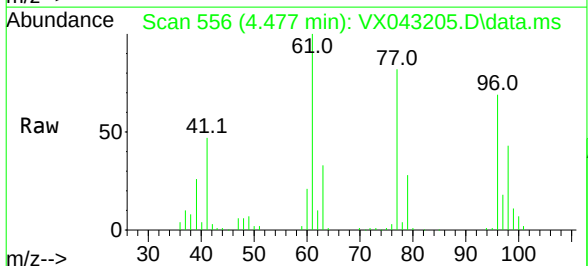
VSTDCCC050

Tgt Ion: 96 Resp: 75134

Ion	Ratio	Lower	Upper
96	100		
61	151.1	0.0	298.2
98	65.0	0.0	128.6

Manual Integrations
 APPROVED

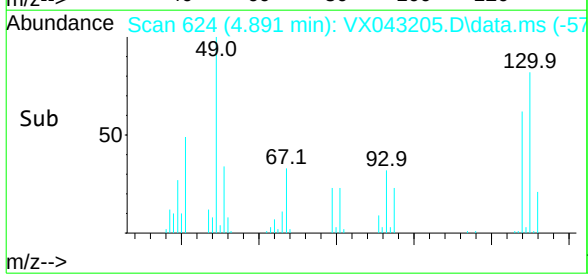
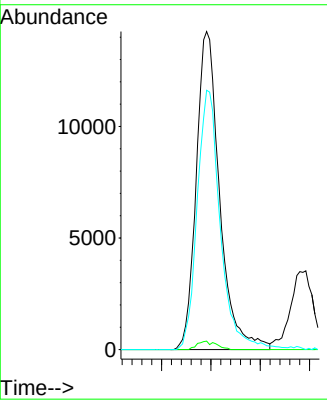
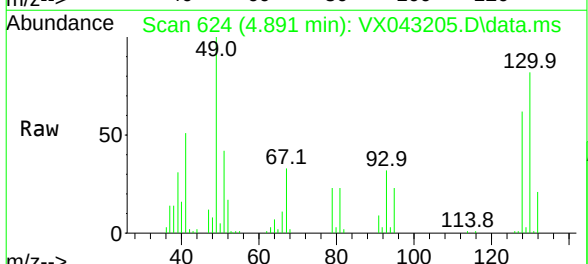
Reviewed By :John Carlone 10/02/2024
 Supervised By :Semsettin Yesilyurt 10/02/2024

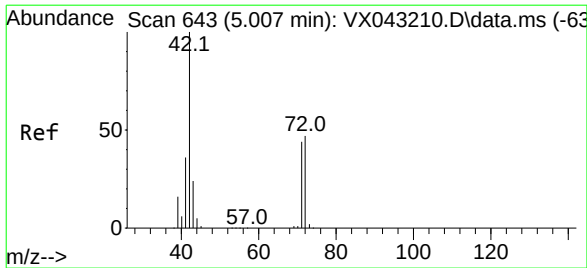


#28
 Bromochloromethane
 Concen: 55.564 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. -0.018 min
 Lab File: VX043205.D
 Acq: 01 Oct 2024 10:24

Tgt Ion: 49 Resp: 46993

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.0
130	80.8	65.5	98.3





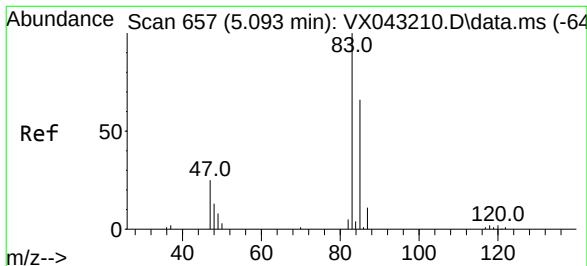
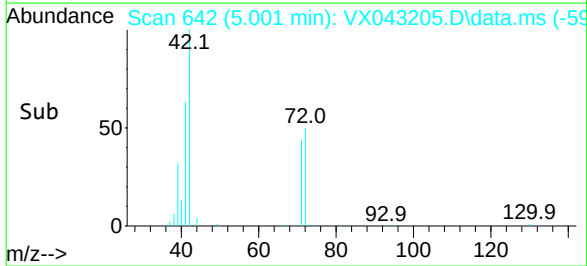
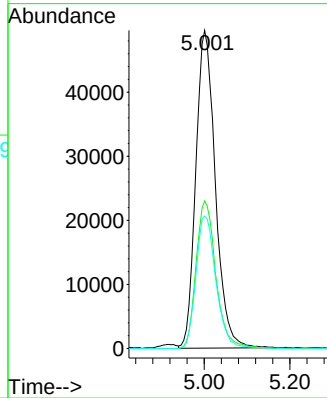
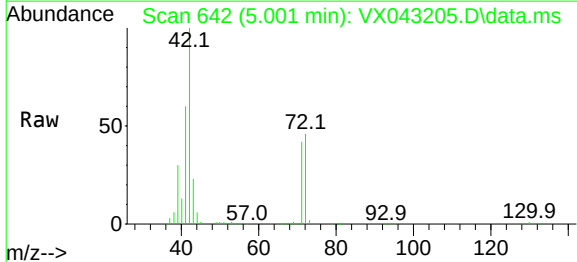
#29
Tetrahydrofuran
Concen: 262.841 ug/l
RT: 5.001 min Scan# 643
Delta R.T. -0.030 min
Lab File: VX043205.D
Acq: 01 Oct 2024 10:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 156938
Ion Ratio Lower Upper
42 100
72 47.1 37.7 56.5
71 42.6 34.6 52.0

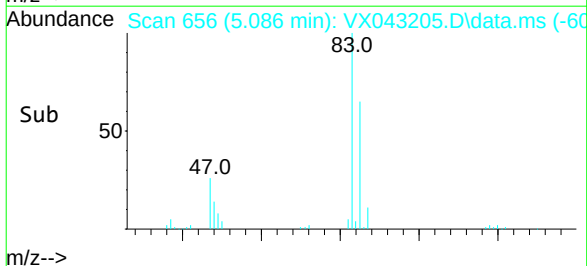
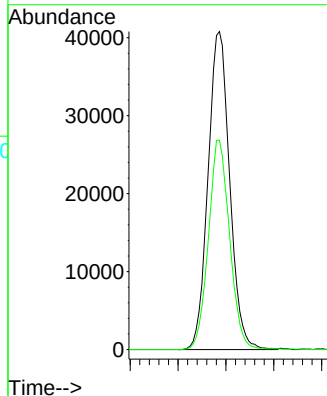
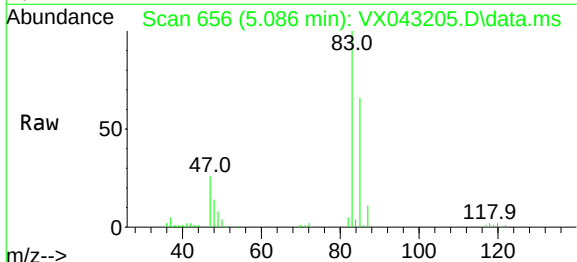
Manual Integrations
APPROVED

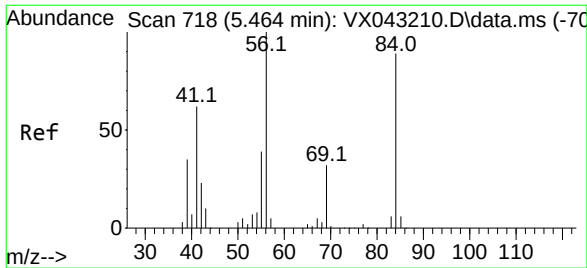
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#30
Chloroform
Concen: 54.368 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.012 min
Lab File: VX043205.D
Acq: 01 Oct 2024 10:24

Tgt Ion: 83 Resp: 127994
Ion Ratio Lower Upper
83 100
85 65.8 52.5 78.7





#31

Cyclohexane

Concen: 54.541 ug/l

RT: 5.458 min Scan# 71

Delta R.T. -0.006 min

Lab File: VX043205.D

Acq: 01 Oct 2024 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 96333

Ion Ratio Lower Upper

56 100

69 32.6 25.8 38.6

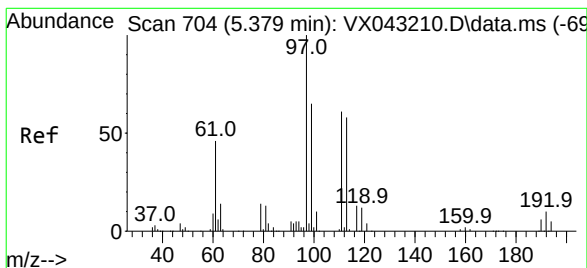
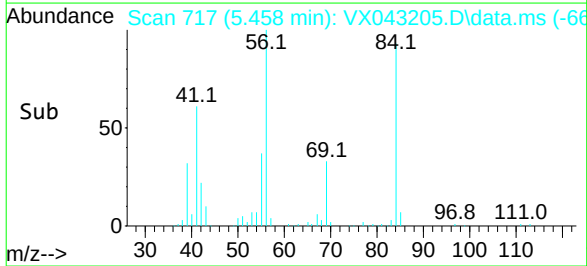
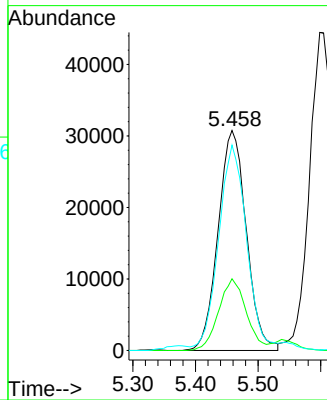
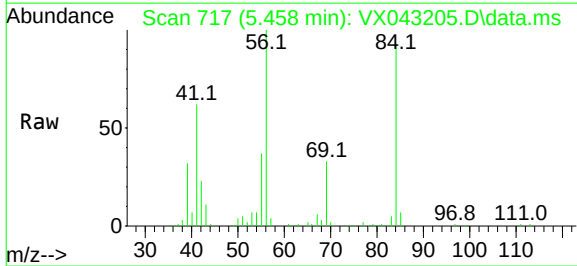
84 91.1 71.1 106.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/02/2024

Supervised By :Semsettin Yesilyurt 10/02/2024



#32

1,1,1-Trichloroethane

Concen: 54.937 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.006 min

Lab File: VX043205.D

Acq: 01 Oct 2024 10:24

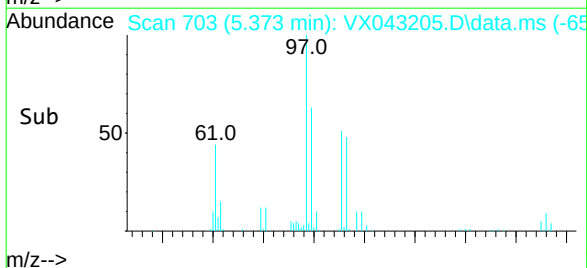
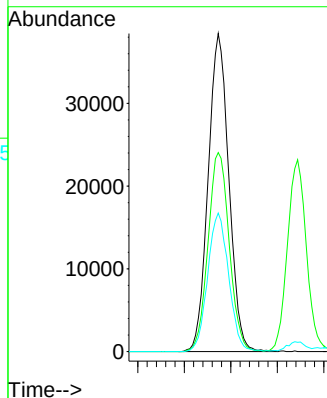
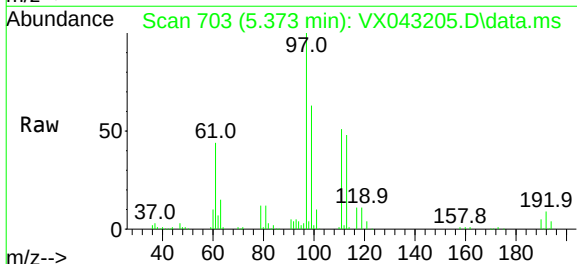
Tgt Ion: 97 Resp: 118792

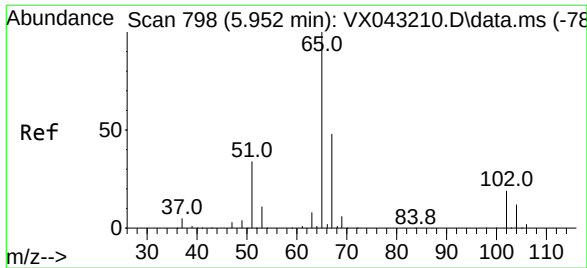
Ion Ratio Lower Upper

97 100

99 64.1 51.2 76.8

61 44.2 35.6 53.4





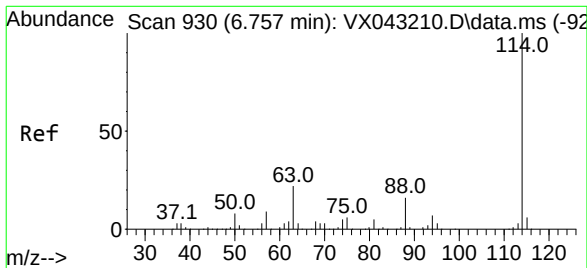
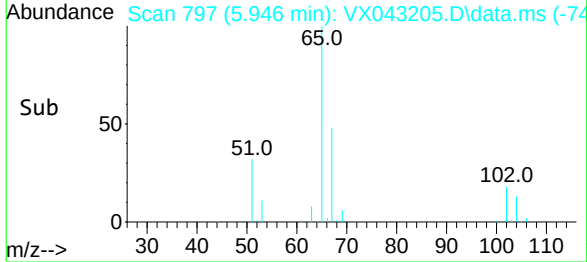
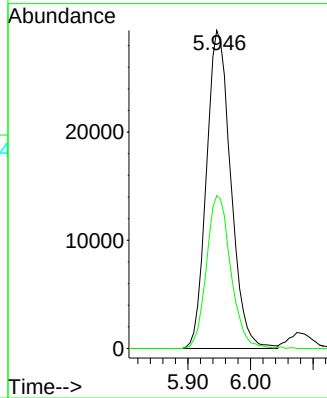
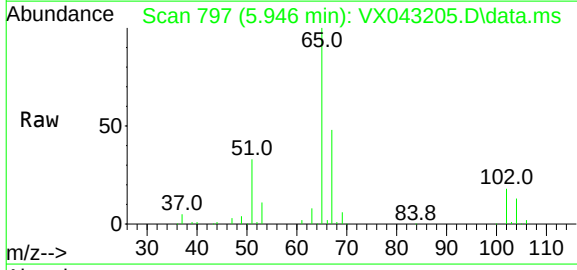
#33
1,2-Dichloroethane-d4
Concen: 45.985 ug/l
RT: 5.946 min Scan# 79
Delta R.T. -0.006 min
Lab File: VX043205.D
Acq: 01 Oct 2024 10:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 79333
Ion Ratio Lower Upper
65 100
67 47.8 0.0 99.0

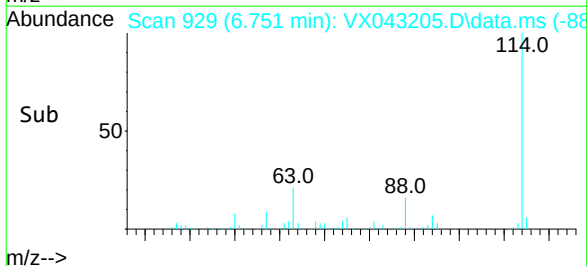
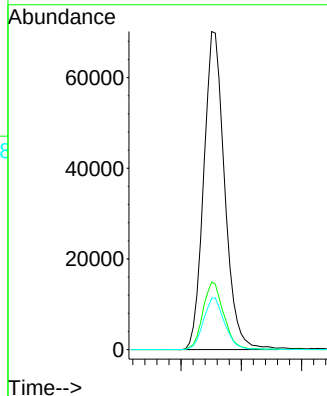
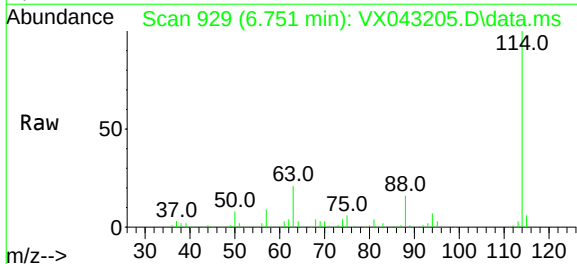
Manual Integrations
APPROVED

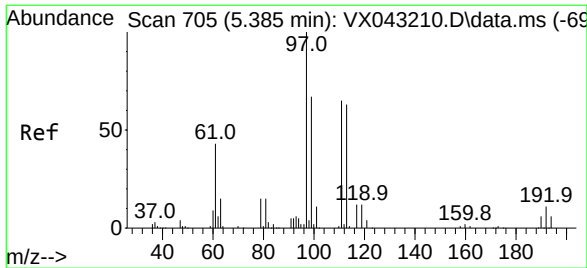
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. -0.006 min
Lab File: VX043205.D
Acq: 01 Oct 2024 10:24

Tgt Ion:114 Resp: 169363
Ion Ratio Lower Upper
114 100
63 21.3 0.0 43.0
88 16.1 0.0 33.0





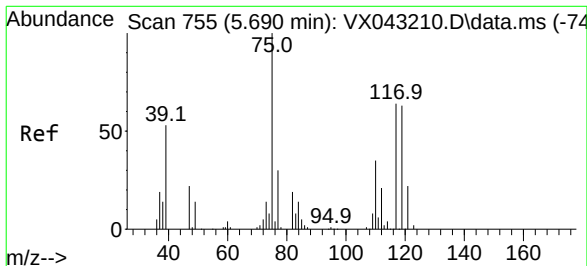
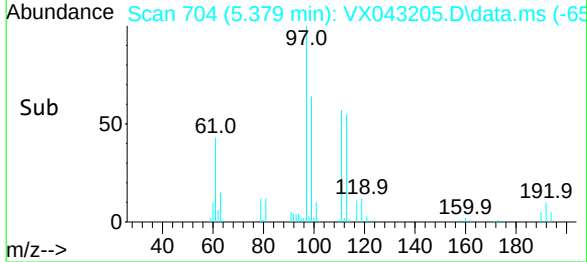
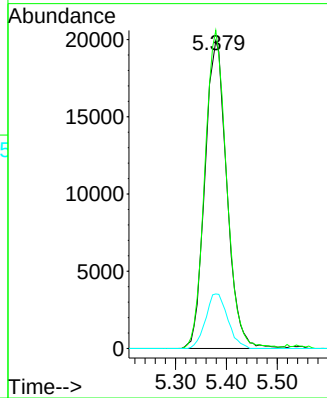
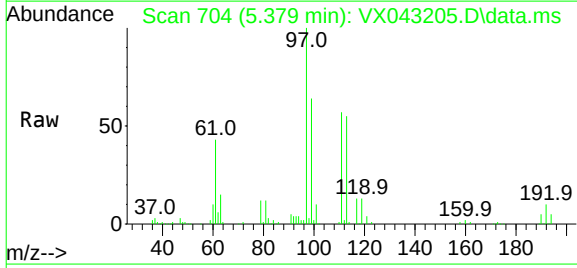
#35
Dibromofluoromethane
Concen: 49.500 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX043205.D
Acq: 01 Oct 2024 10:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	83.4	125.0
192	17.8	14.1	21.1

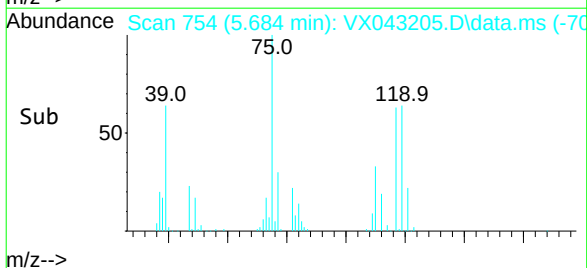
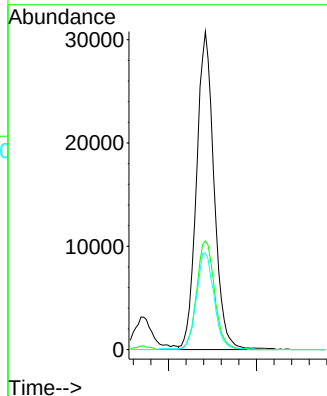
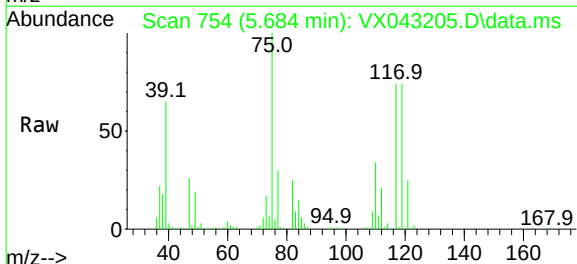
Manual Integrations
APPROVED

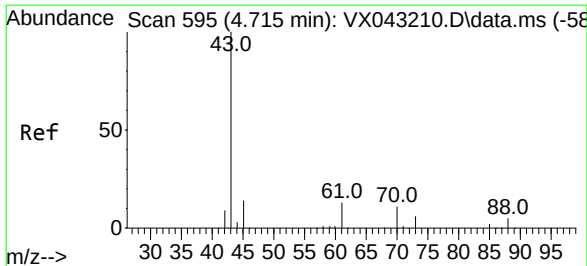
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#36
1,1-Dichloropropene
Concen: 57.711 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX043205.D
Acq: 01 Oct 2024 10:24

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.0	17.8	53.3
77	30.7	24.9	37.3





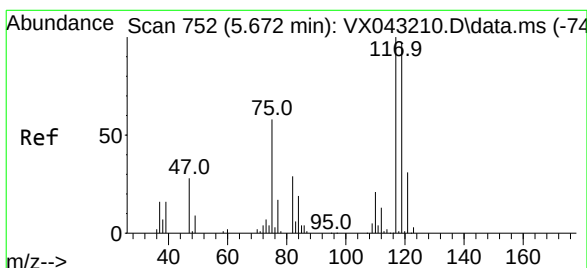
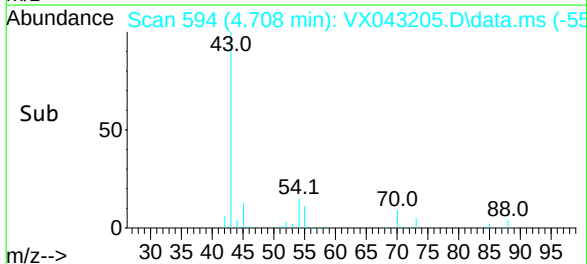
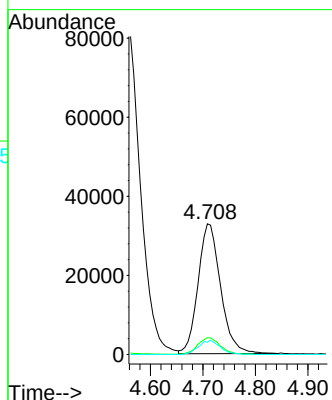
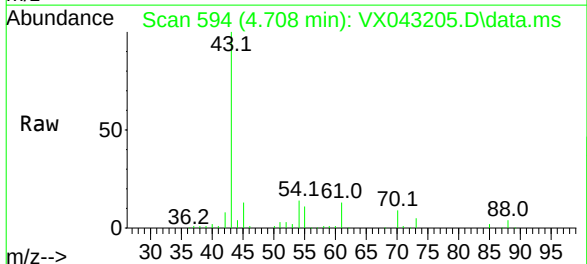
#37
Ethyl Acetate
Concen: 55.176 ug/l
RT: 4.708 min Scan# 595
Delta R.T. -0.043 min
Lab File: VX043205.D
Acq: 01 Oct 2024 10:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:	43	Resp:	97810
Ion	Ratio	Lower	Upper
43	100		
61	13.1	11.0	16.4
70	10.4	8.9	13.3

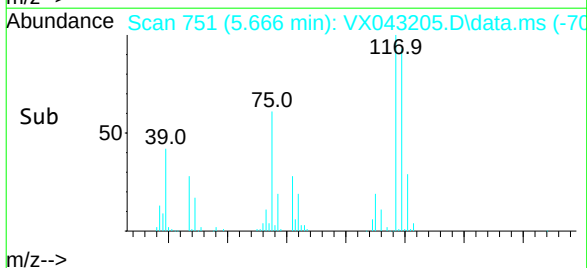
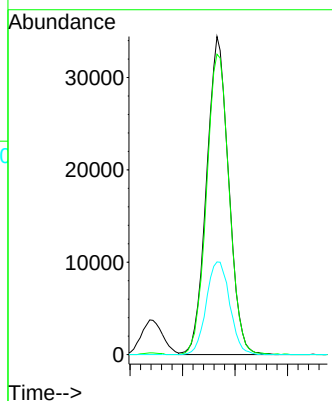
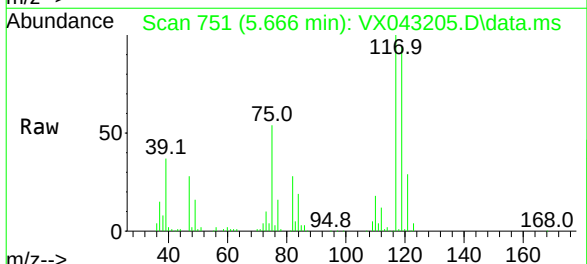
Manual Integrations
APPROVED

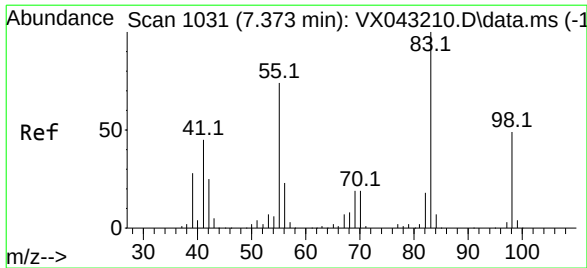
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#38
Carbon Tetrachloride
Concen: 57.688 ug/l
RT: 5.666 min Scan# 751
Delta R.T. 0.000 min
Lab File: VX043205.D
Acq: 01 Oct 2024 10:24

Tgt Ion:	117	Resp:	100769
Ion	Ratio	Lower	Upper
117	100		
119	94.4	77.7	116.5
121	29.1	24.3	36.5





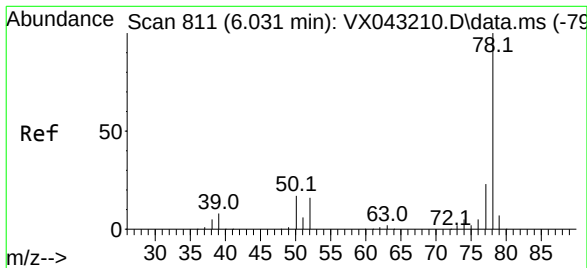
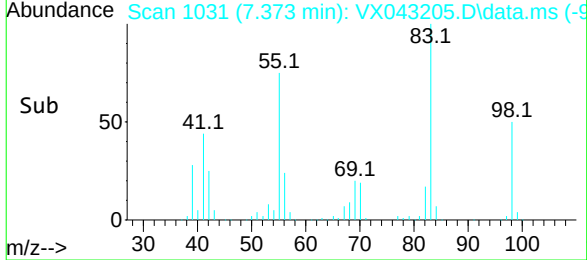
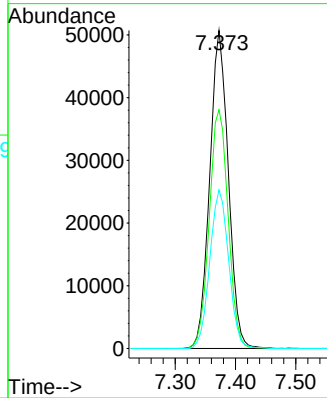
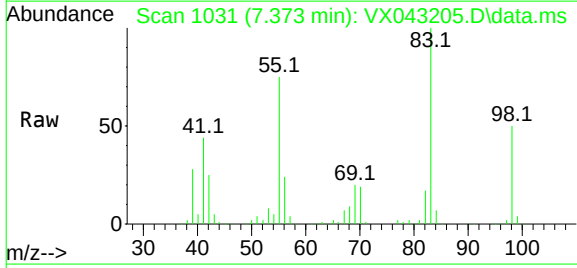
#39
Methylcyclohexane
Concen: 58.561 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX043205.D
Acq: 01 Oct 2024 10:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 108678
Ion Ratio Lower Upper
83 100
55 75.1 59.4 89.2
98 49.8 39.3 58.9

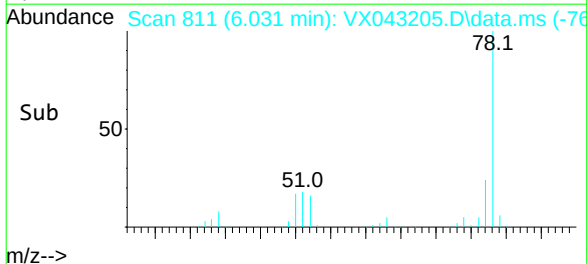
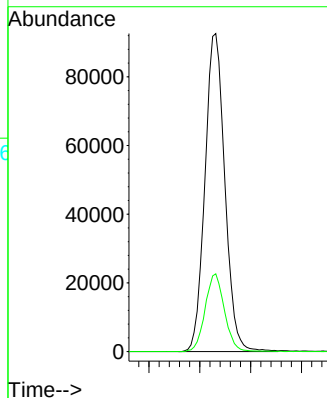
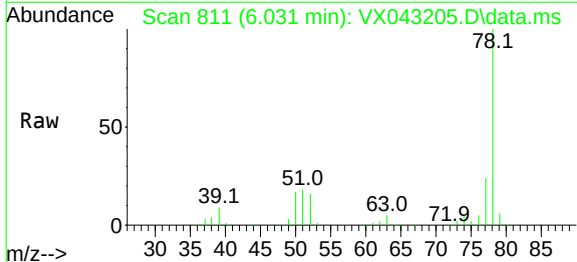
Manual Integrations
APPROVED

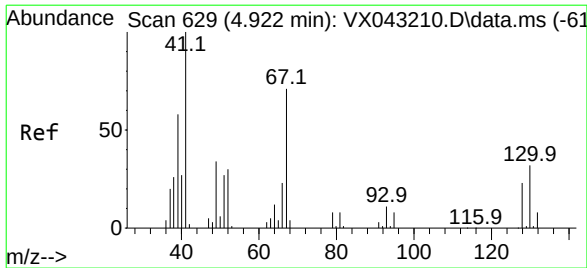
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#40
Benzene
Concen: 56.248 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX043205.D
Acq: 01 Oct 2024 10:24

Tgt Ion: 78 Resp: 251635
Ion Ratio Lower Upper
78 100
77 24.4 18.8 28.2





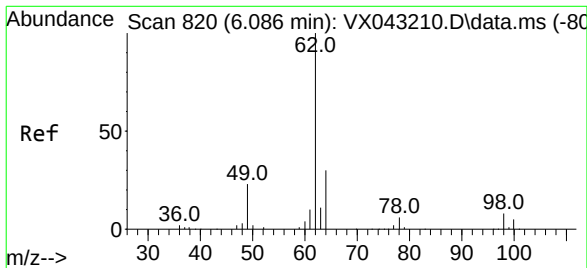
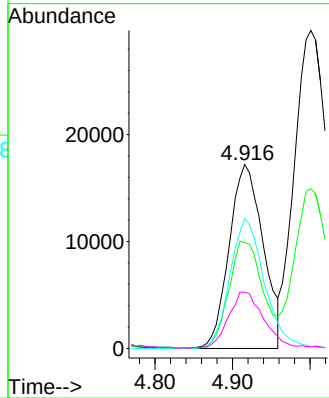
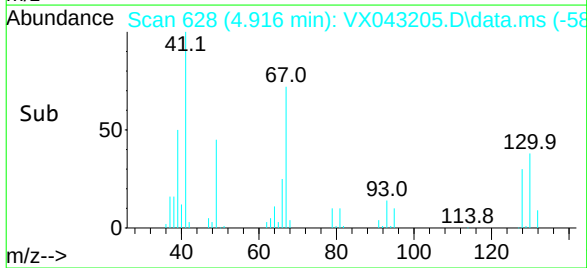
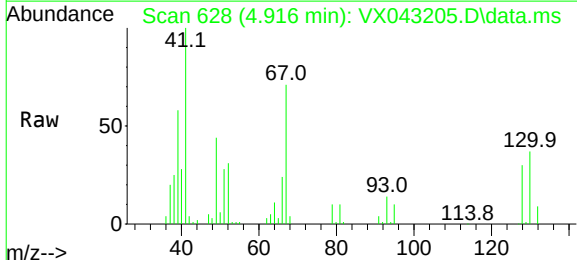
#41
Methacrylonitrile
Concen: 56.995 ug/l
RT: 4.916 min Scan# 62
Delta R.T. -0.012 min
Lab File: VX043205.D
Acq: 01 Oct 2024 10:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	52572
Ion	Ratio	Lower	Upper
41	100		
39	57.9	45.0	67.4
67	71.5	56.0	84.0
52	32.7	25.6	38.4

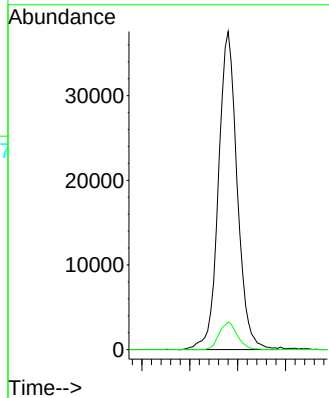
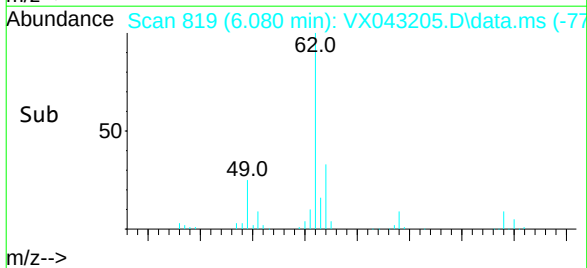
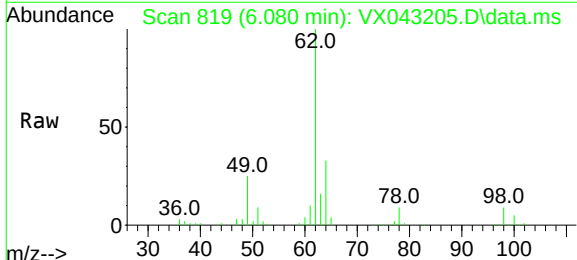
Manual Integrations
APPROVED

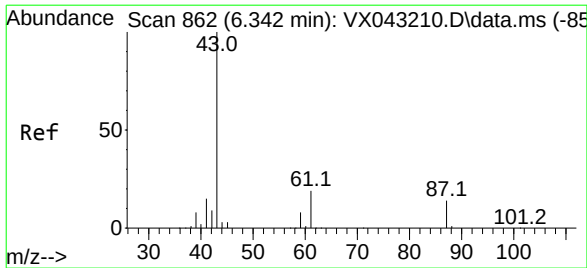
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#42
1,2-Dichloroethane
Concen: 56.123 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.018 min
Lab File: VX043205.D
Acq: 01 Oct 2024 10:24

Tgt Ion:	62	Resp:	102314
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	16.0





#43

Isopropyl Acetate

Concen: 56.175 ug/l

RT: 6.336 min Scan# 861

Delta R.T. -0.012 min

Lab File: VX043205.D

Acq: 01 Oct 2024 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

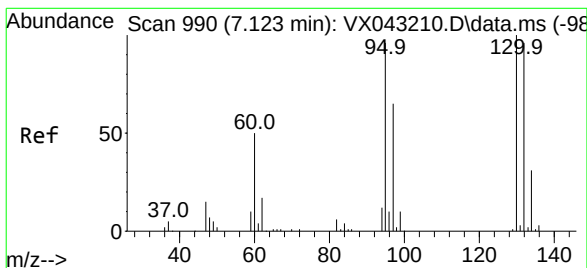
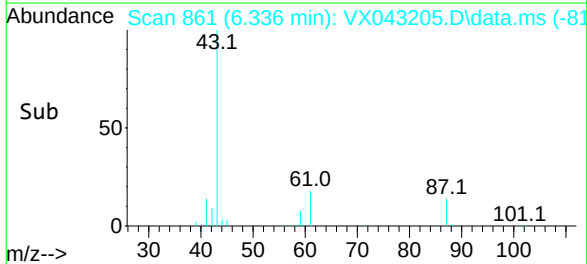
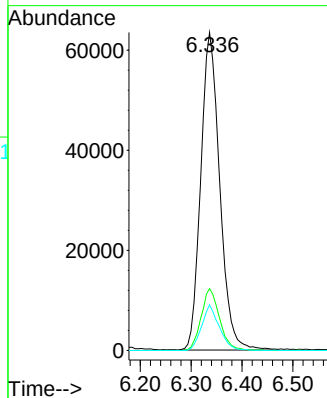
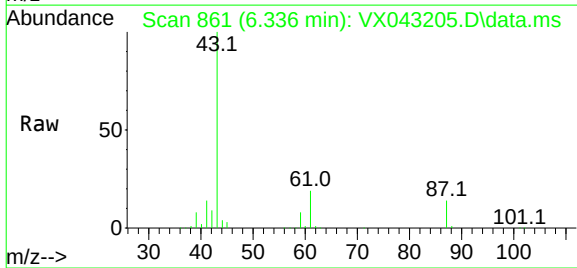
Tgt Ion:	43	Resp:	164412
Ion	Ratio	Lower	Upper
43	100		
61	18.9	15.1	22.7
87	13.3	10.8	16.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/02/2024

Supervised By :Semsettin Yesilyurt 10/02/2024



#44

Trichloroethene

Concen: 56.214 ug/l

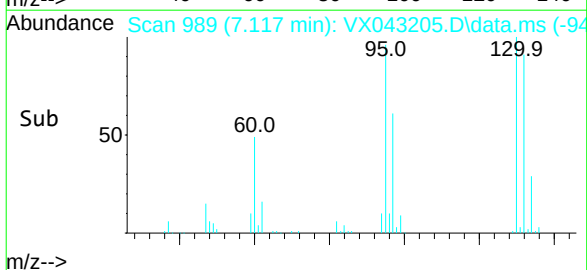
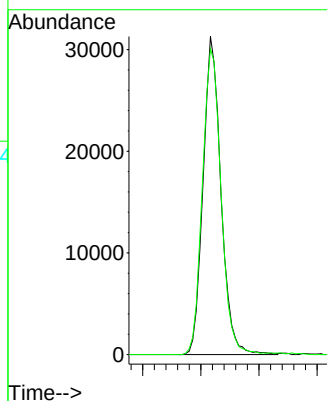
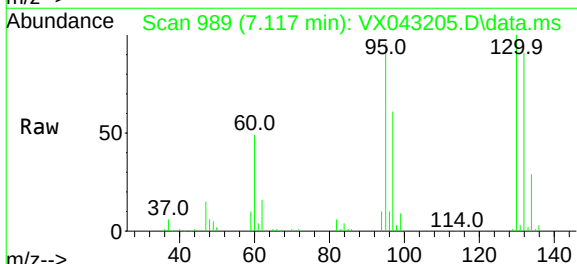
RT: 7.117 min Scan# 989

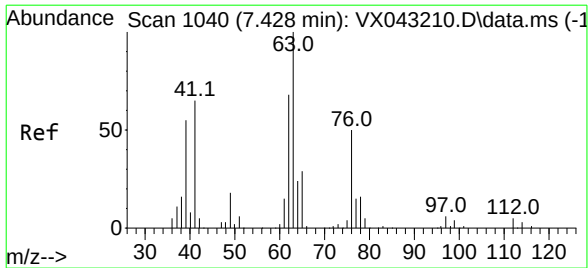
Delta R.T. -0.018 min

Lab File: VX043205.D

Acq: 01 Oct 2024 10:24

Tgt Ion:	130	Resp:	66703
Ion	Ratio	Lower	Upper
130	100		
95	96.1	0.0	192.2





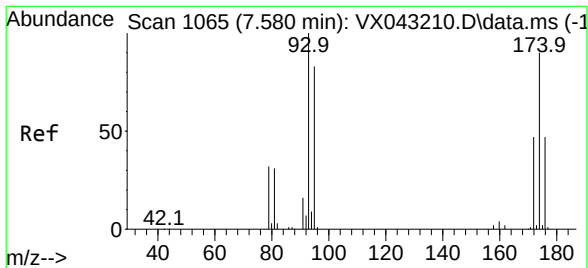
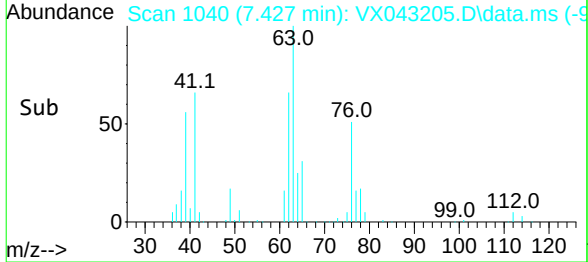
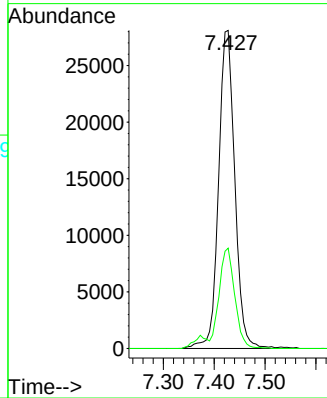
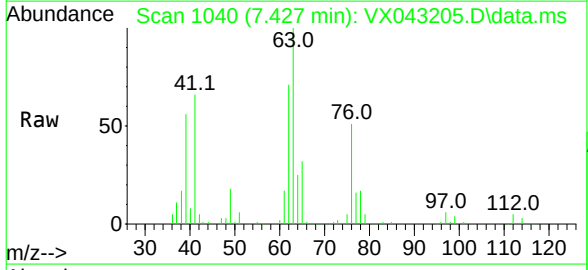
#45
1,2-Dichloropropane
Concen: 56.724 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.012 min
Lab File: VX043205.D
Acq: 01 Oct 2024 10:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 62276
Ion Ratio Lower Upper
63 100
65 31.5 23.2 34.8

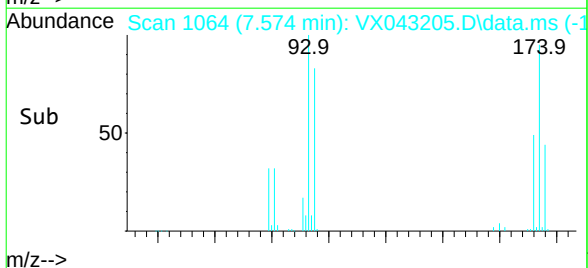
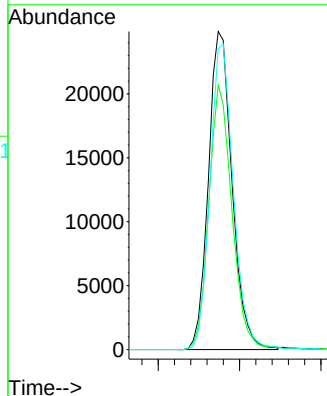
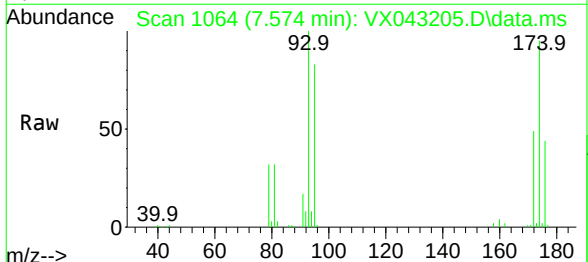
Manual Integrations
APPROVED

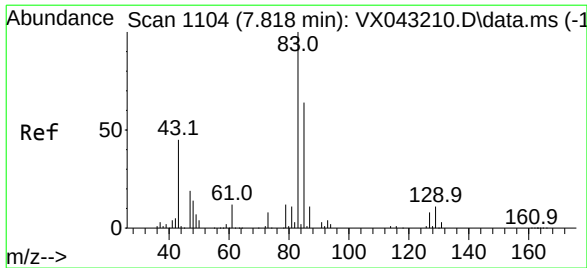
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#46
Dibromomethane
Concen: 57.098 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. -0.012 min
Lab File: VX043205.D
Acq: 01 Oct 2024 10:24

Tgt Ion: 93 Resp: 50232
Ion Ratio Lower Upper
93 100
95 81.5 65.8 98.8
174 95.2 74.5 111.7





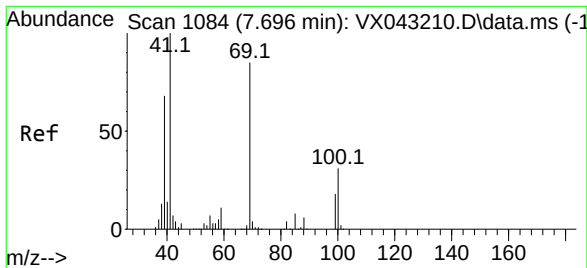
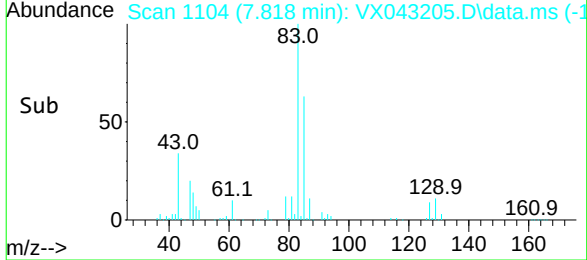
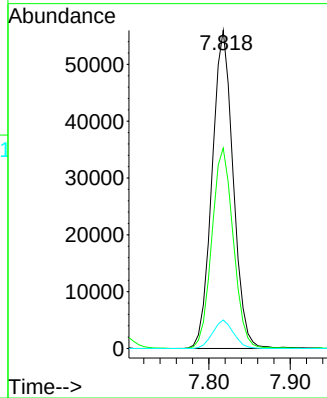
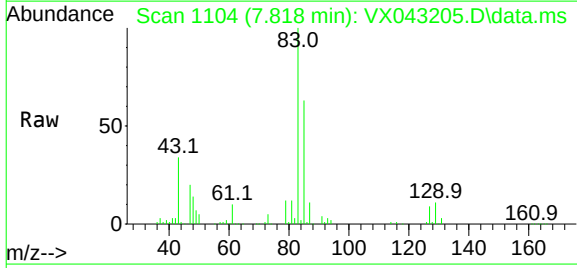
#47
Bromodichloromethane
Concen: 58.258 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX043205.D
Acq: 01 Oct 2024 10:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 100764
Ion Ratio Lower Upper
83 100
85 63.0 51.4 77.2
127 9.0 6.2 9.4

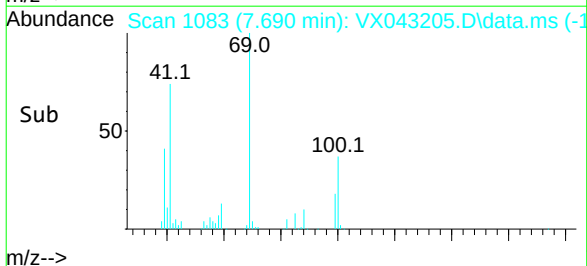
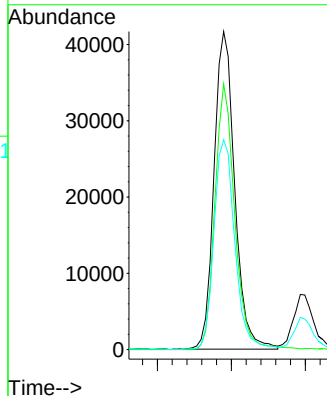
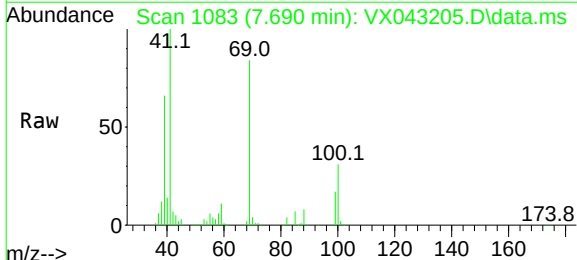
Manual Integrations
APPROVED

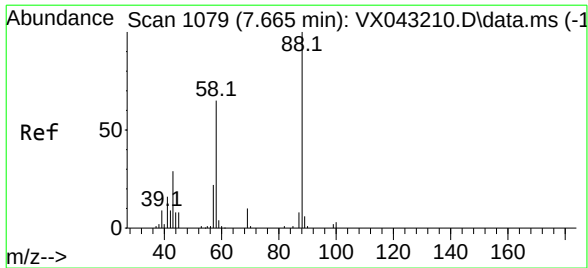
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#48
Methyl methacrylate
Concen: 57.647 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.024 min
Lab File: VX043205.D
Acq: 01 Oct 2024 10:24

Tgt Ion: 41 Resp: 80627
Ion Ratio Lower Upper
41 100
69 80.5 64.1 96.1
39 67.1 52.8 79.2





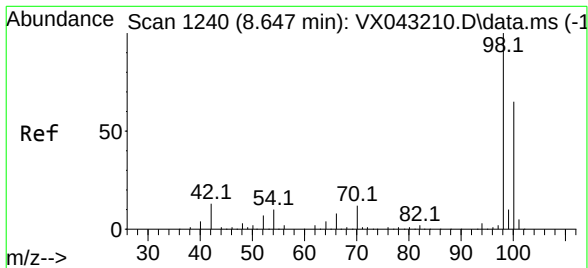
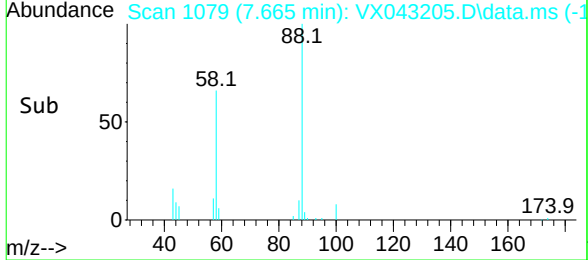
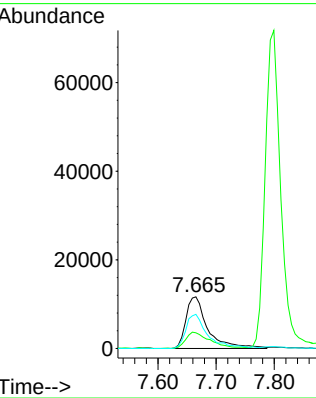
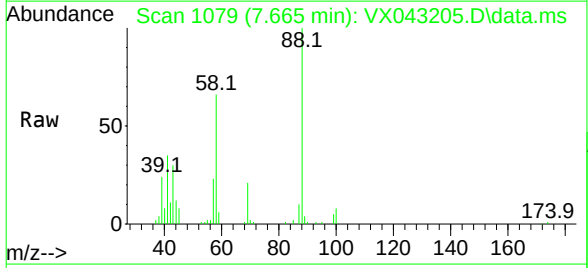
#49
1,4-Dioxane
Concen: 1085.933 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. -0.018 min
Lab File: VX043205.D
Acq: 01 Oct 2024 10:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:	88	Resp:	30314
Ion	Ratio	Lower	Upper
88	100		
43	36.2	29.5	44.3
58	66.5	55.2	82.8

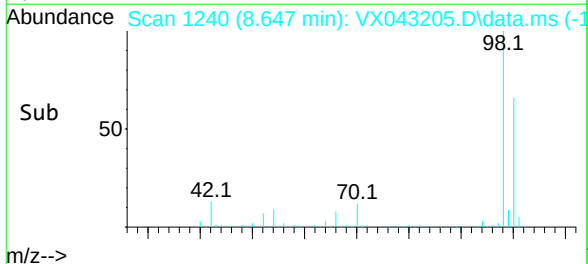
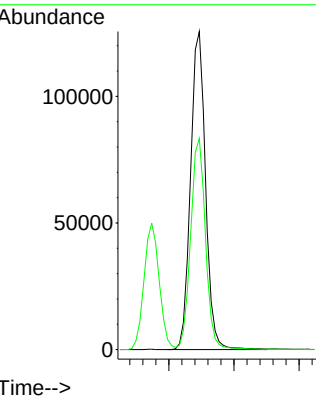
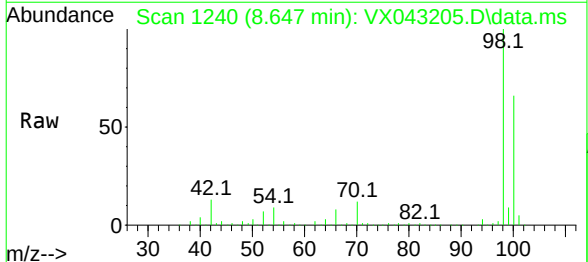
Manual Integrations
APPROVED

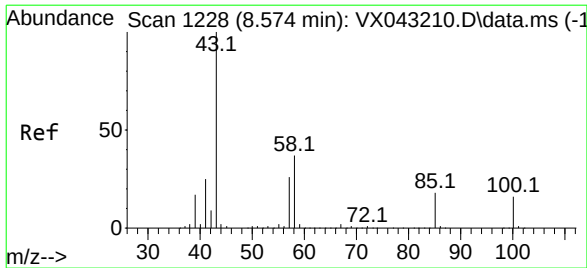
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#50
Toluene-d8
Concen: 49.624 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX043205.D
Acq: 01 Oct 2024 10:24

Tgt Ion:	98	Resp:	200860
Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.4	78.6





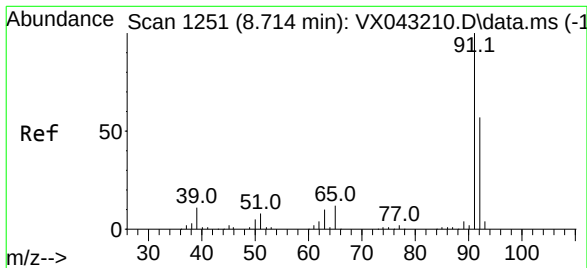
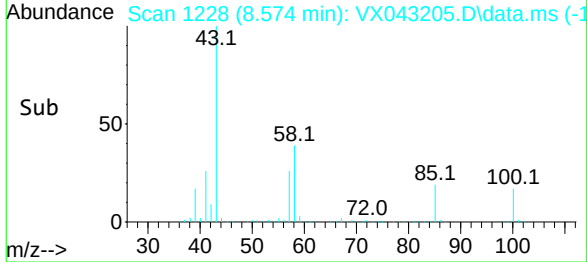
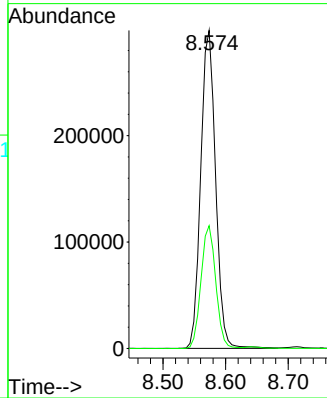
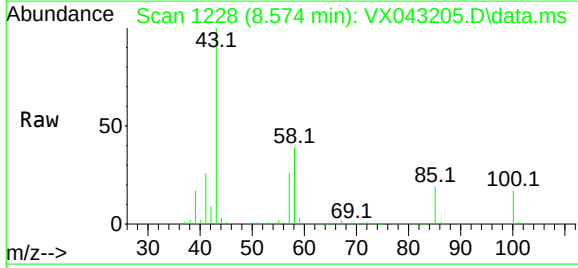
#51
4-Methyl-2-Pentanone
Concen: 276.952 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VX043205.D
Acq: 01 Oct 2024 10:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 492304
Ion Ratio Lower Upper
43 100
58 38.4 30.0 45.0

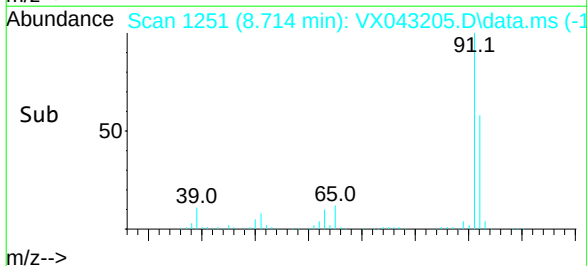
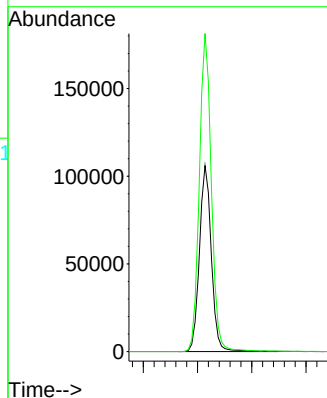
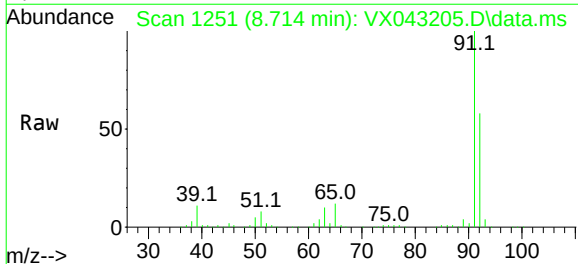
Manual Integrations
APPROVED

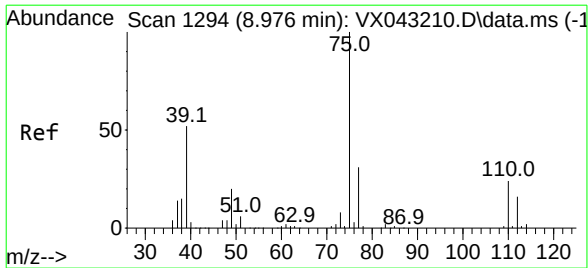
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#52
Toluene
Concen: 57.654 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX043205.D
Acq: 01 Oct 2024 10:24

Tgt Ion: 92 Resp: 161651
Ion Ratio Lower Upper
92 100
91 172.3 137.0 205.4





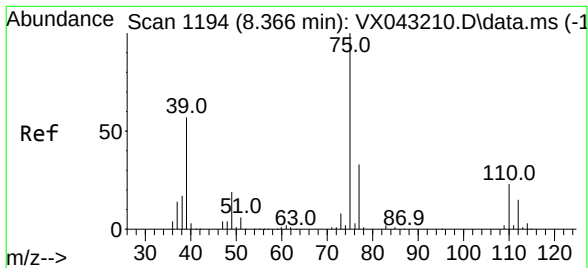
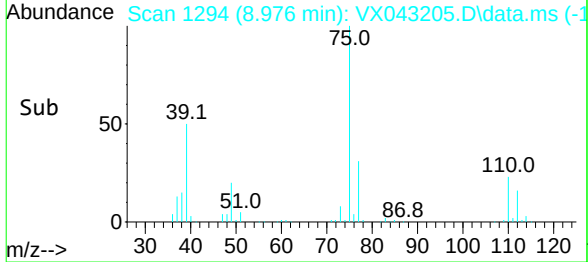
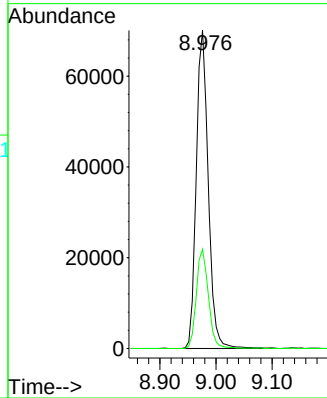
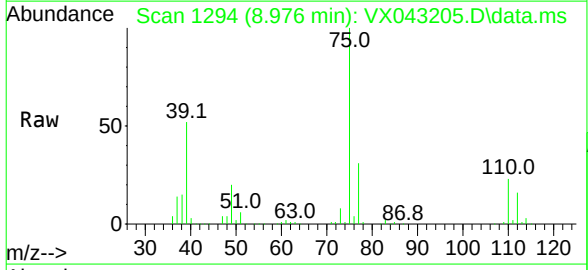
#53
t-1,3-Dichloropropene
Concen: 60.483 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.012 min
Lab File: VX043205.D
Acq: 01 Oct 2024 10:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 103953
Ion Ratio Lower Upper
75 100
77 31.2 25.1 37.7

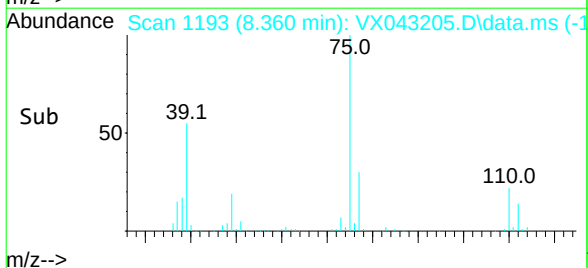
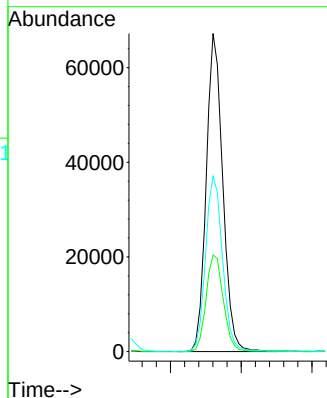
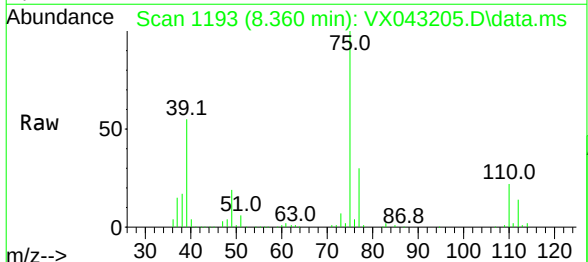
Manual Integrations
APPROVED

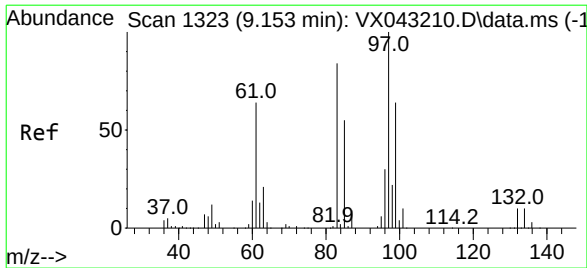
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#54
cis-1,3-Dichloropropene
Concen: 59.143 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. -0.012 min
Lab File: VX043205.D
Acq: 01 Oct 2024 10:24

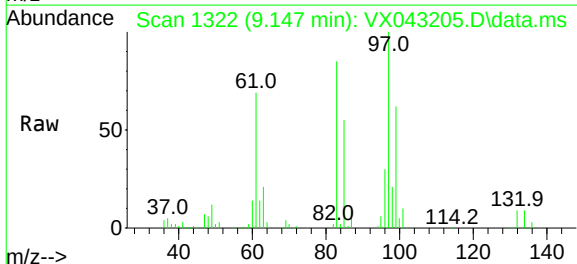
Tgt Ion: 75 Resp: 109024
Ion Ratio Lower Upper
75 100
77 30.4 26.0 39.0
39 55.0 45.8 68.8





#55
1,1,2-Trichloroethane
Concen: 57.834 ug/l
RT: 9.147 min Scan# 1323
Delta R.T. -0.012 min
Lab File: VX043205.D
Acq: 01 Oct 2024 10:24

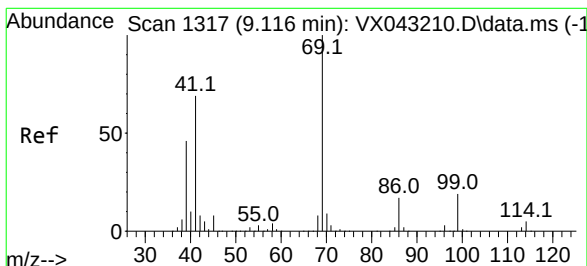
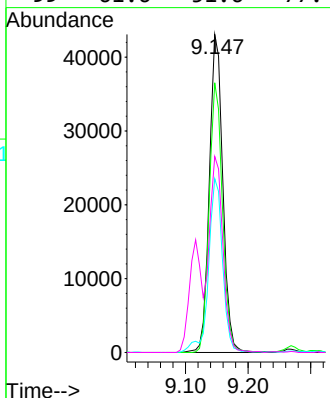
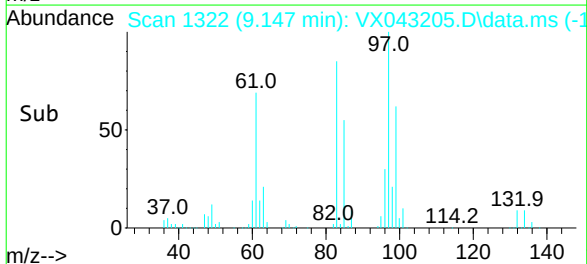
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



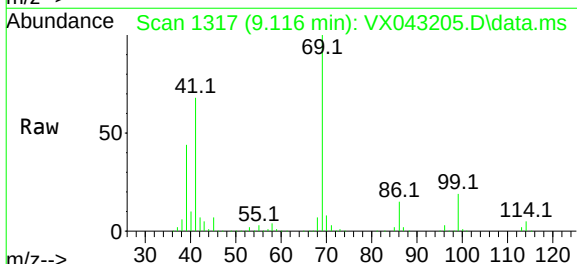
Tgt Ion:	97	Resp:	64444
Ion	Ratio	Lower	Upper
97	100		
83	84.8	66.9	100.3
85	54.6	43.9	65.9
99	61.6	51.6	77.4

Manual Integrations
APPROVED

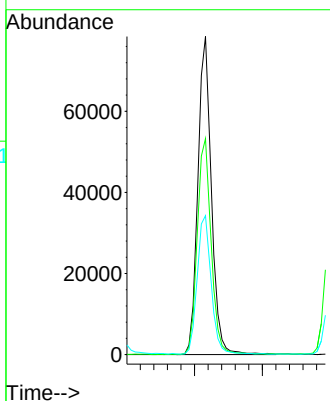
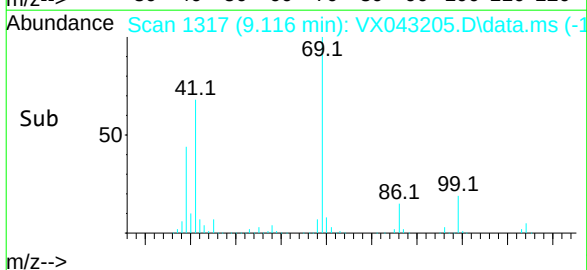
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024

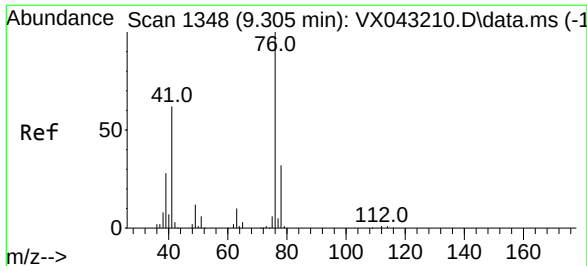


#56
Ethyl methacrylate
Concen: 59.716 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.012 min
Lab File: VX043205.D
Acq: 01 Oct 2024 10:24



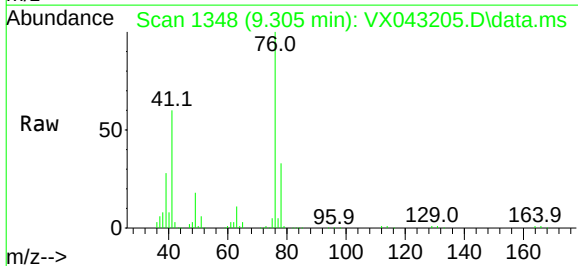
Tgt Ion:	69	Resp:	108789
Ion	Ratio	Lower	Upper
69	100		
41	69.8	56.1	84.1
39	45.1	36.4	54.6





#57
1,3-Dichloropropane
Concen: 56.790 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.006 min
Lab File: VX043205.D
Acq: 01 Oct 2024 10:24

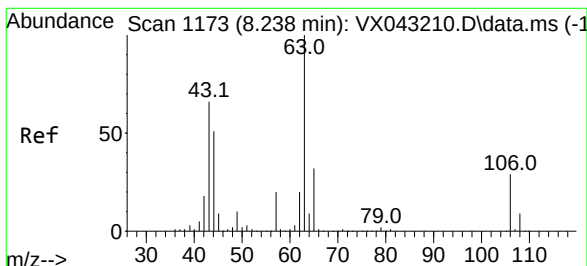
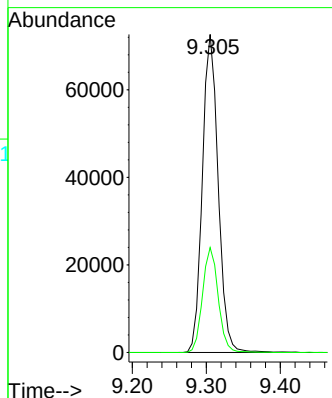
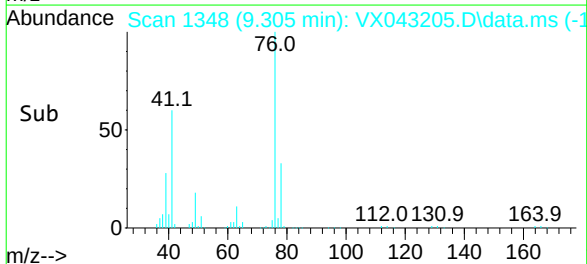
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 107779
Ion Ratio Lower Upper
76 100
78 32.7 25.7 38.5

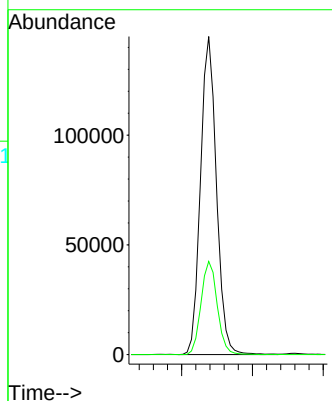
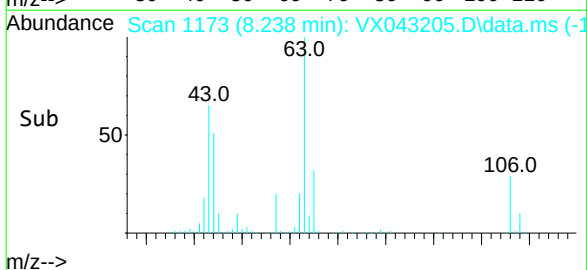
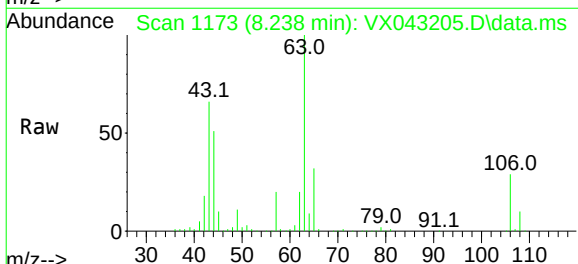
Manual Integrations
APPROVED

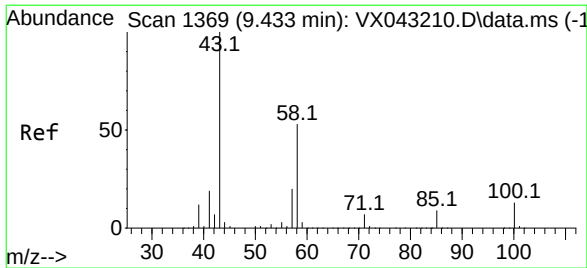
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#58
2-Chloroethyl Vinyl ether
Concen: 276.834 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.012 min
Lab File: VX043205.D
Acq: 01 Oct 2024 10:24

Tgt Ion: 63 Resp: 227326
Ion Ratio Lower Upper
63 100
106 29.7 23.7 35.5





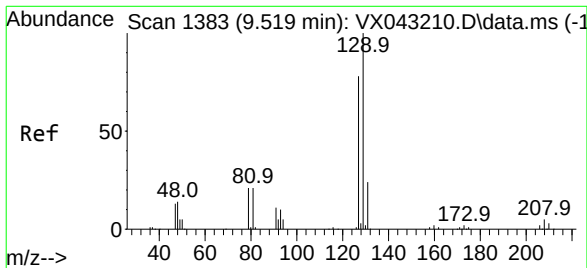
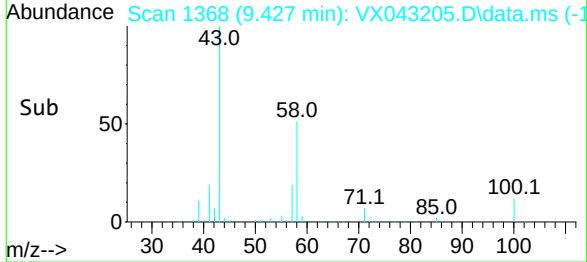
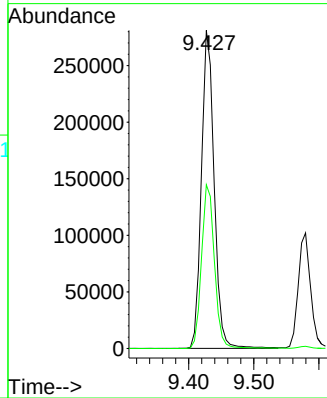
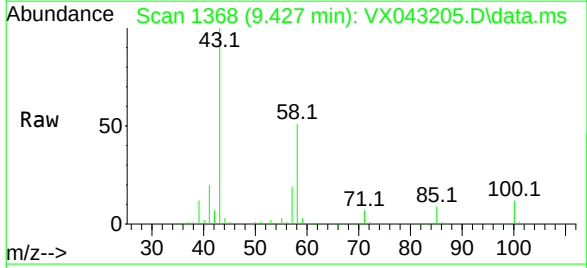
#59
2-Hexanone
Concen: 283.741 ug/l
RT: 9.427 min Scan# 1369
Delta R.T. -0.012 min
Lab File: VX043205.D
Acq: 01 Oct 2024 10:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 381414
Ion Ratio Lower Upper
43 100
58 52.3 26.1 78.3

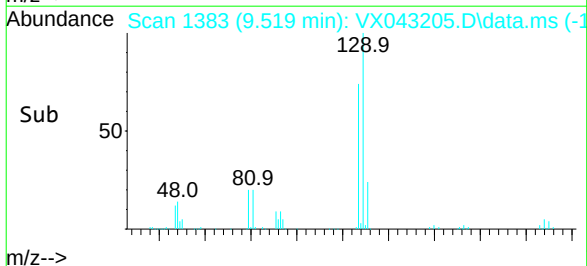
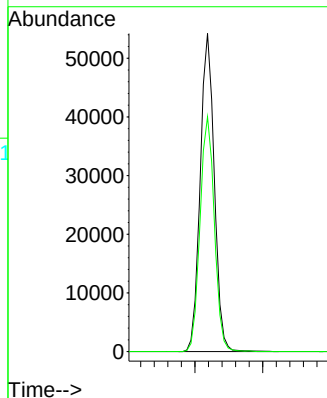
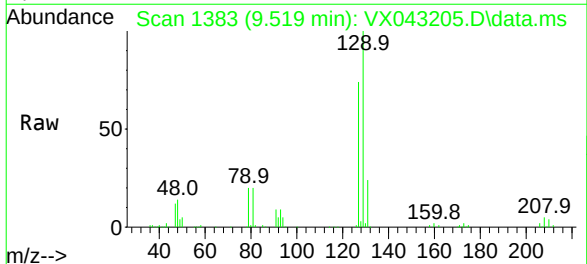
Manual Integrations
APPROVED

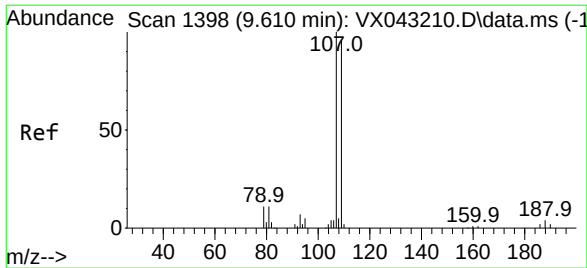
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#60
Dibromochloromethane
Concen: 60.413 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX043205.D
Acq: 01 Oct 2024 10:24

Tgt Ion:129 Resp: 78096
Ion Ratio Lower Upper
129 100
127 75.2 38.3 114.9





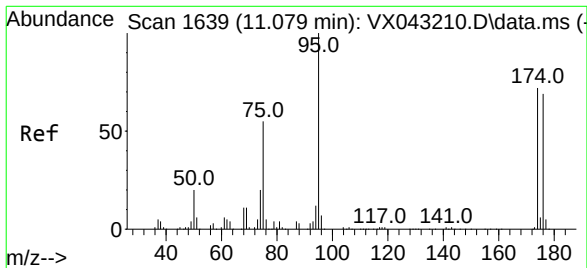
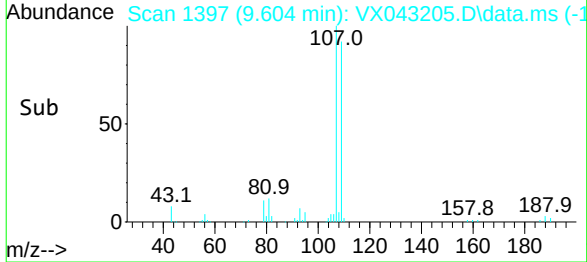
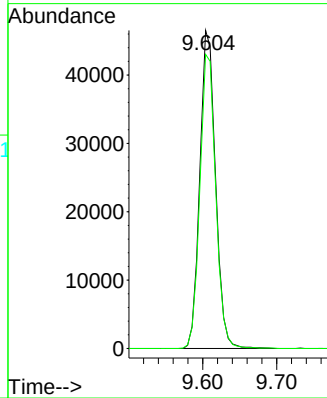
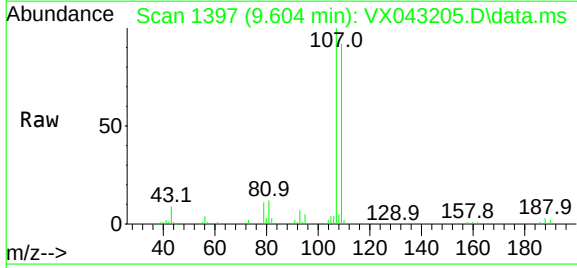
#61
1,2-Dibromoethane
Concen: 57.238 ug/l
RT: 9.604 min Scan# 1398
Delta R.T. -0.012 min
Lab File: VX043205.D
Acq: 01 Oct 2024 10:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 68526
Ion Ratio Lower Upper
107 100
109 93.7 76.1 114.1

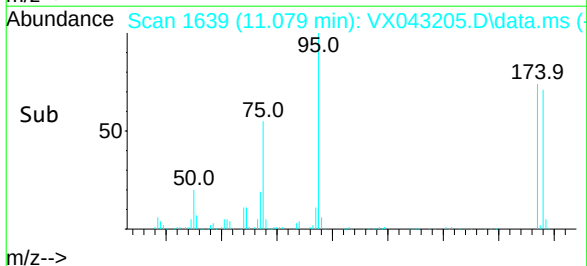
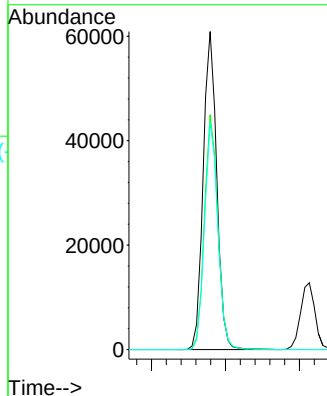
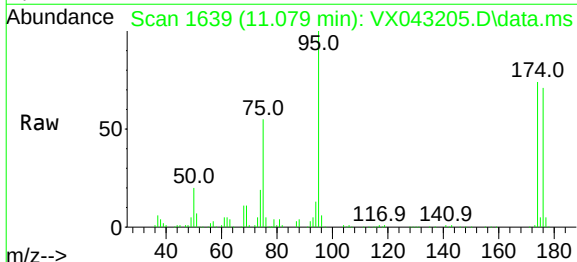
Manual Integrations
APPROVED

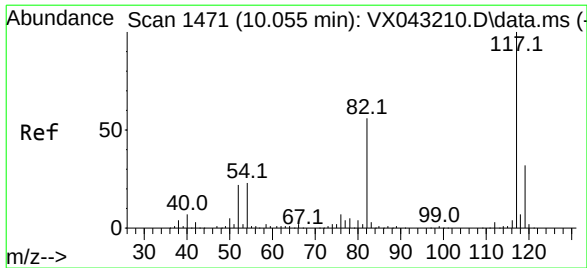
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#62
4-Bromofluorobenzene
Concen: 52.681 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043205.D
Acq: 01 Oct 2024 10:24

Tgt Ion: 95 Resp: 77467
Ion Ratio Lower Upper
95 100
174 73.3 0.0 145.0
176 70.4 0.0 143.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VX043205.D

Acq: 01 Oct 2024 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

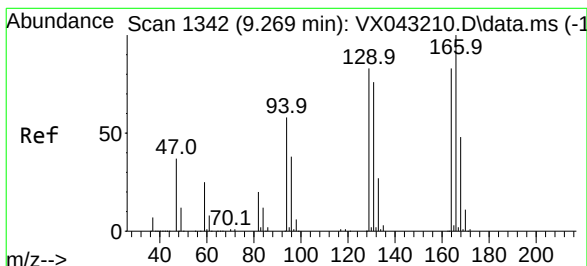
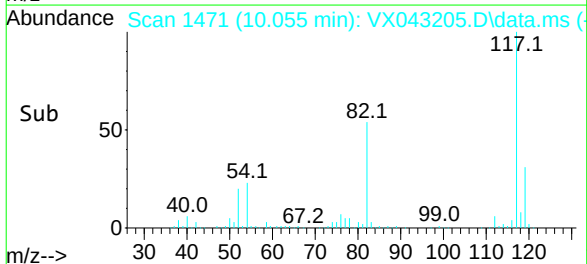
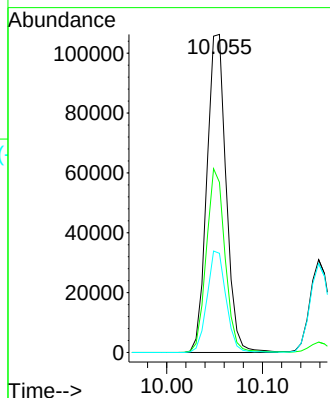
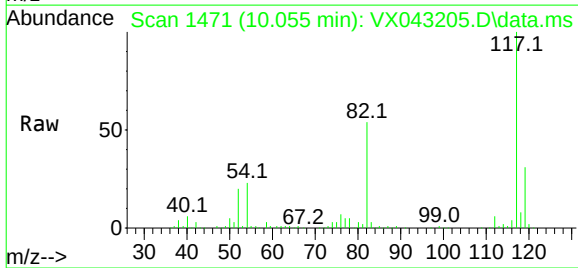
Tgt Ion:	117	Resp:	148511
Ion	Ratio	Lower	Upper
117	100		
82	53.5	45.0	67.6
119	31.2	25.3	37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/02/2024

Supervised By :Semsettin Yesilyurt 10/02/2024



#64

Tetrachloroethene

Concen: 56.844 ug/l

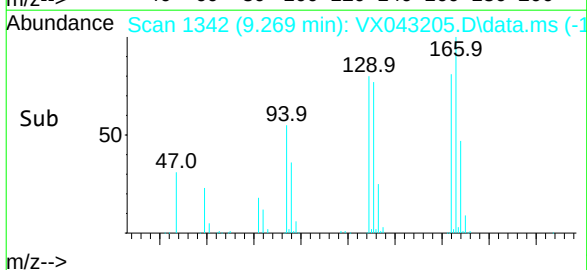
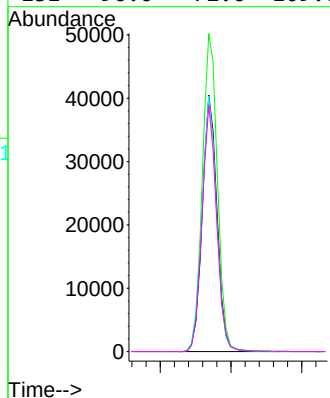
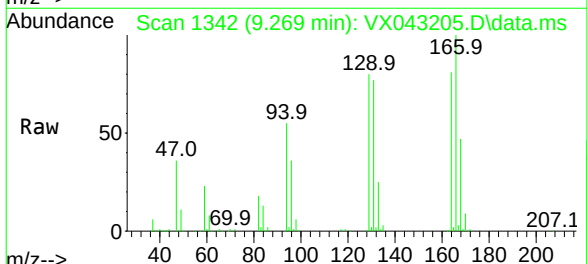
RT: 9.269 min Scan# 1342

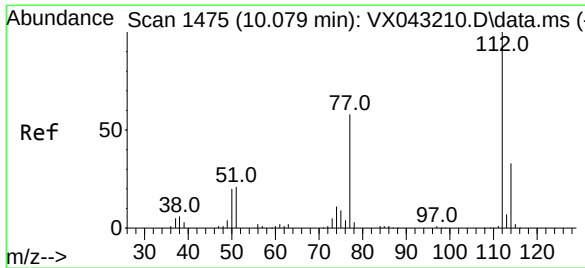
Delta R.T. -0.006 min

Lab File: VX043205.D

Acq: 01 Oct 2024 10:24

Tgt Ion:	164	Resp:	58577
Ion	Ratio	Lower	Upper
164	100		
166	124.0	96.0	144.0
129	99.6	79.4	119.0
131	96.0	72.6	109.0





#65

Chlorobenzene

Concen: 55.873 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VX043205.D

Acq: 01 Oct 2024 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:112 Resp: 178393

Ion Ratio Lower Upper

112 100

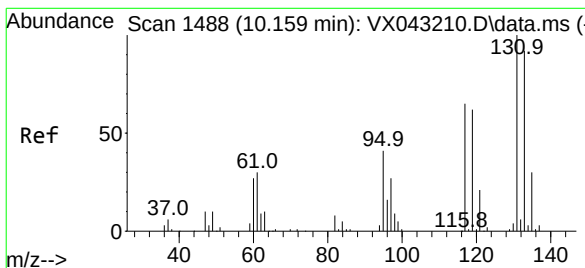
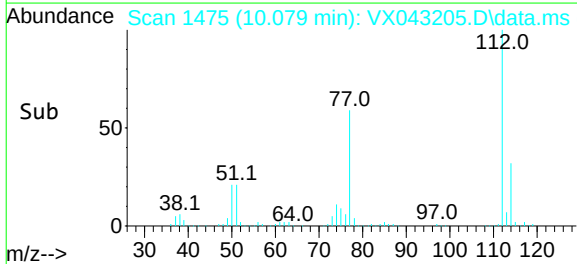
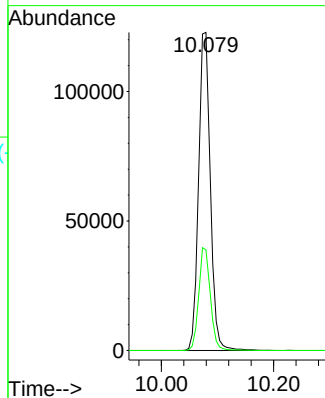
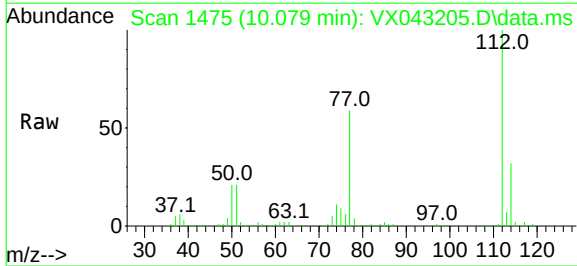
114 31.6 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/02/2024

Supervised By :Semsettin Yesilyurt 10/02/2024



#66

1,1,1,2-Tetrachloroethane

Concen: 57.495 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. 0.000 min

Lab File: VX043205.D

Acq: 01 Oct 2024 10:24

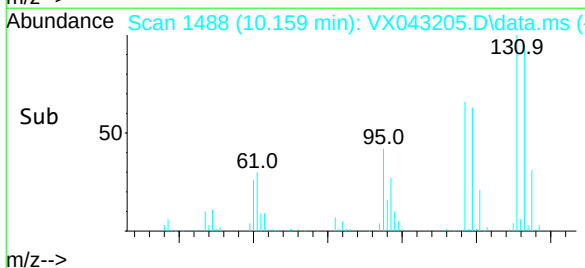
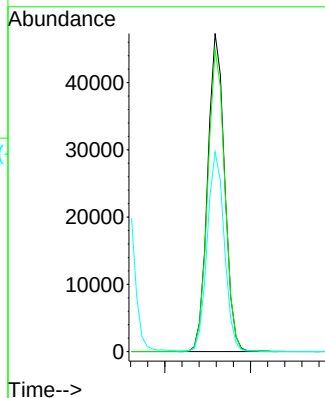
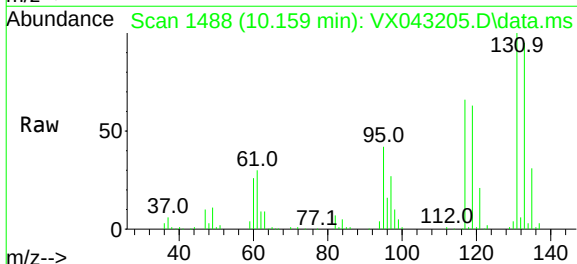
Tgt Ion:131 Resp: 64911

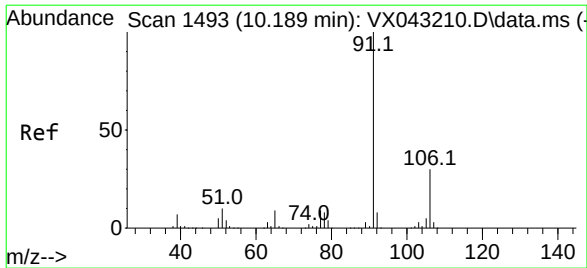
Ion Ratio Lower Upper

131 100

133 95.6 46.9 140.8

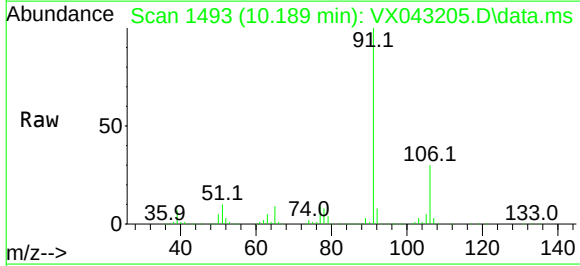
119 63.4 31.7 95.1





#67
Ethyl Benzene
Concen: 57.093 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.006 min
Lab File: VX043205.D
Acq: 01 Oct 2024 10:24

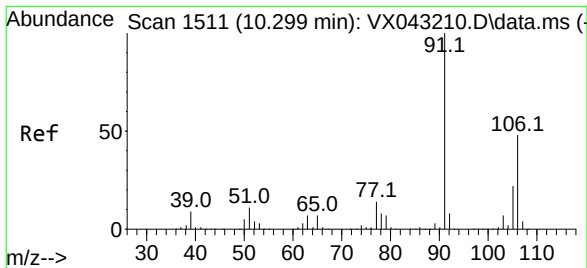
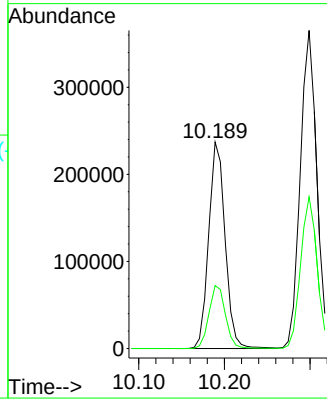
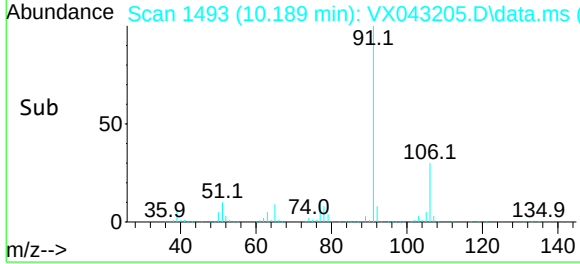
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



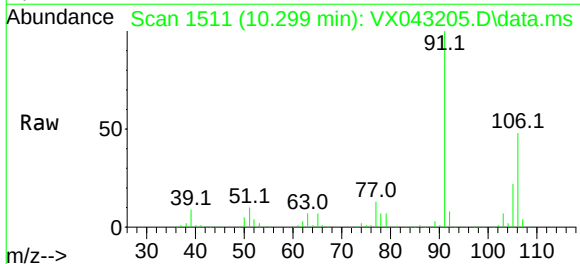
Tgt Ion: 91 Resp: 315075
Ion Ratio Lower Upper
91 100
106 30.5 23.9 35.9

Manual Integrations
APPROVED

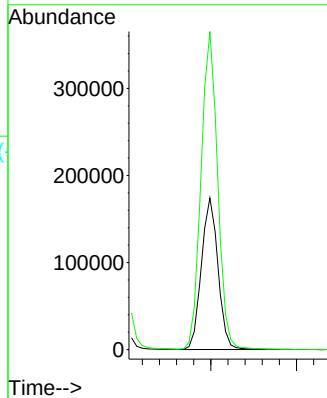
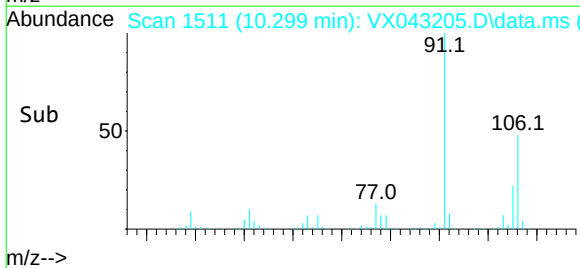
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024

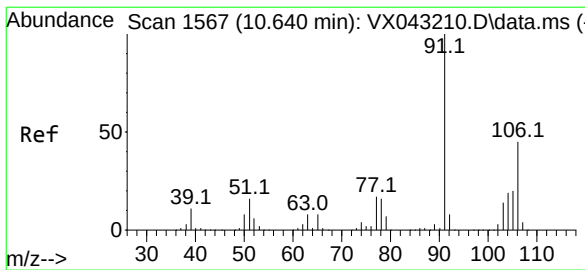


#68
m/p-Xylenes
Concen: 112.315 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX043205.D
Acq: 01 Oct 2024 10:24



Tgt Ion:106 Resp: 234240
Ion Ratio Lower Upper
106 100
91 210.0 167.0 250.6





#69

o-Xylene

Concen: 56.064 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX043205.D

Acq: 01 Oct 2024 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

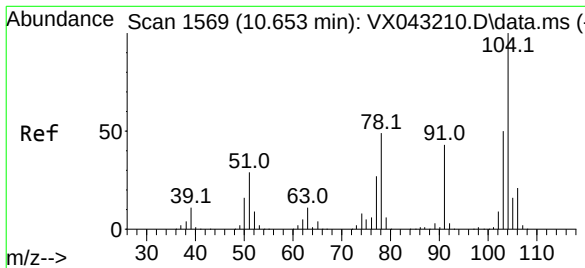
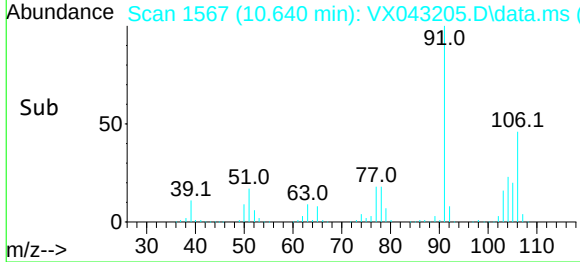
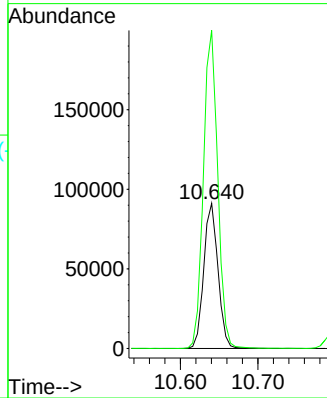
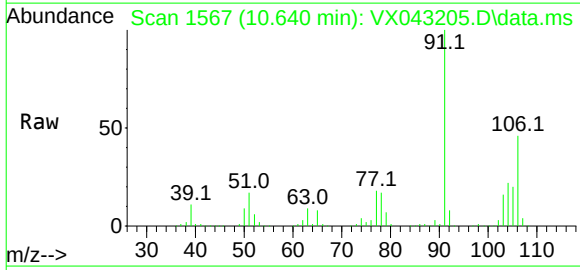
Tgt Ion:106 Resp: 116187
 Ion Ratio Lower Upper
 106 100
 91 220.7 111.6 334.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/02/2024

Supervised By :Semsettin Yesilyurt 10/02/2024



#70

Styrene

Concen: 57.762 ug/l

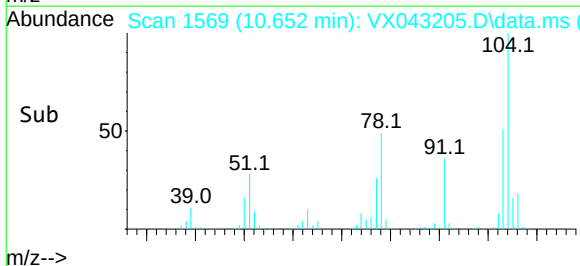
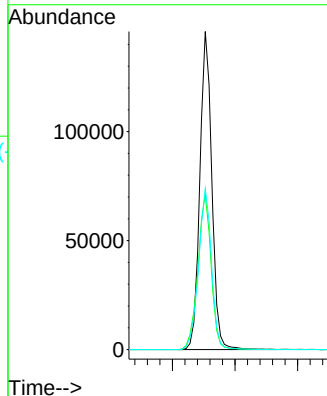
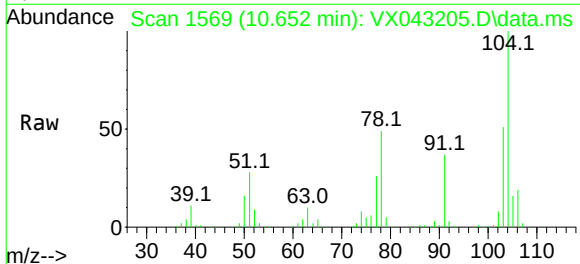
RT: 10.652 min Scan# 1569

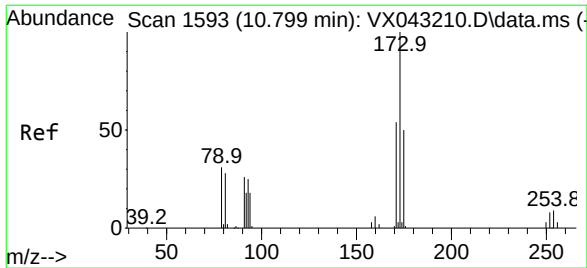
Delta R.T. -0.006 min

Lab File: VX043205.D

Acq: 01 Oct 2024 10:24

Tgt Ion:104 Resp: 193999
 Ion Ratio Lower Upper
 104 100
 78 54.3 43.5 65.3
 103 54.9 43.9 65.9





#71

Bromoform

Concen: 59.077 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX043205.D

Acq: 01 Oct 2024 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

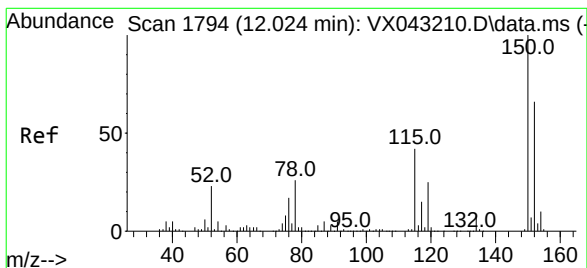
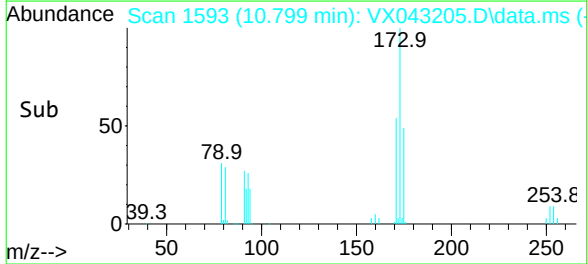
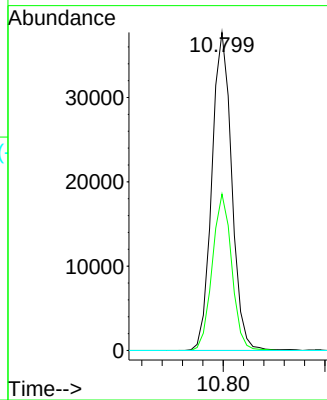
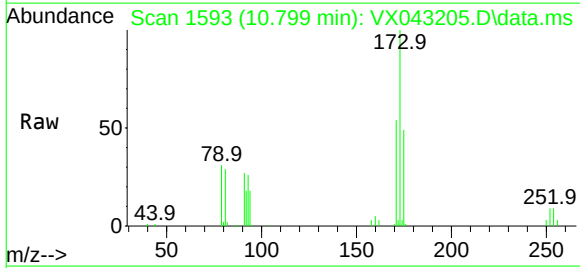
Tgt Ion:	173	Resp:	51093
Ion Ratio	Lower	Upper	
173	100		
175	48.2	24.3	72.9
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/02/2024

Supervised By :Semsettin Yesilyurt 10/02/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

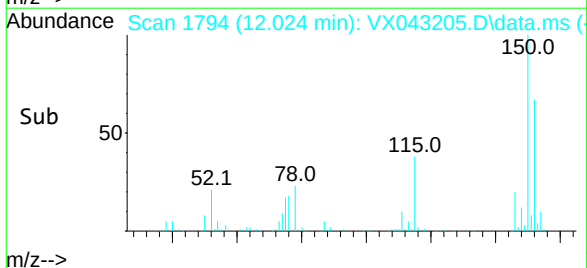
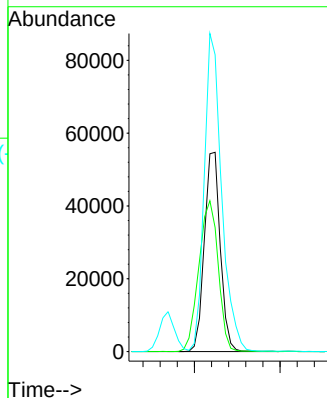
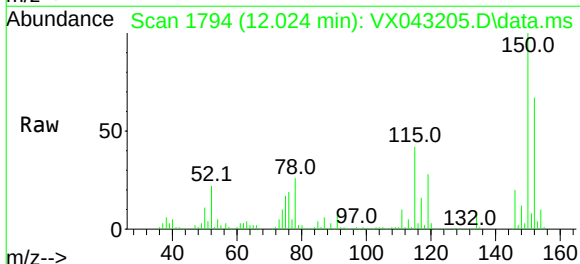
RT: 12.024 min Scan# 1794

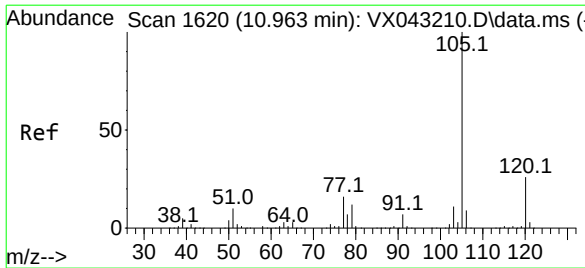
Delta R.T. 0.000 min

Lab File: VX043205.D

Acq: 01 Oct 2024 10:24

Tgt Ion:	152	Resp:	70701
Ion Ratio	Lower	Upper	
152	100		
115	92.2	44.1	132.3
150	173.7	0.0	347.4





#73

Isopropylbenzene

Concen: 54.898 ug/l

RT: 10.963 min Scan# 16

Delta R.T. 0.000 min

Lab File: VX043205.D

Acq: 01 Oct 2024 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 301765

Ion Ratio Lower Upper

105 100

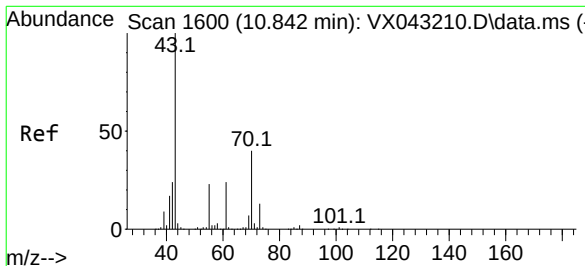
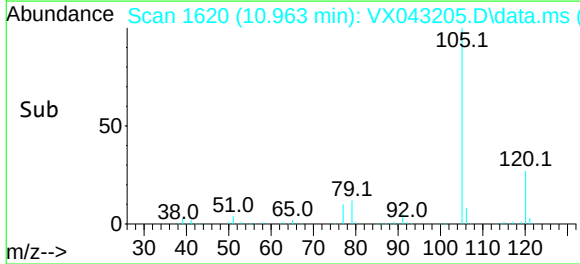
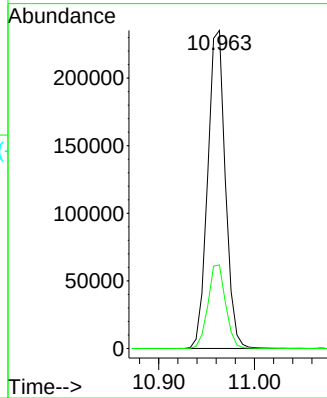
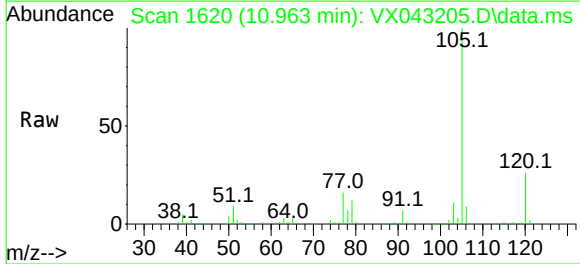
120 26.3 12.9 38.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/02/2024

Supervised By :Semsettin Yesilyurt 10/02/2024



#74

N-ethyl acetate

Concen: 54.676 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.006 min

Lab File: VX043205.D

Acq: 01 Oct 2024 10:24

Tgt Ion: 43 Resp: 142671

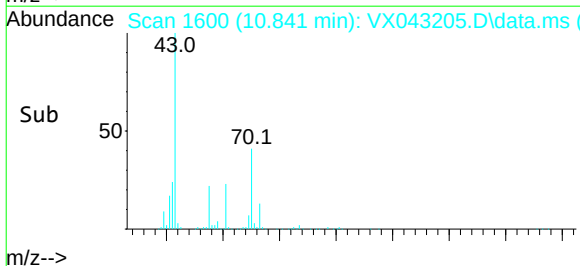
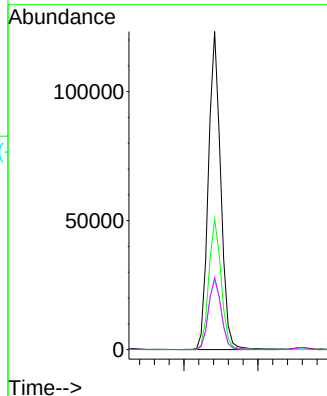
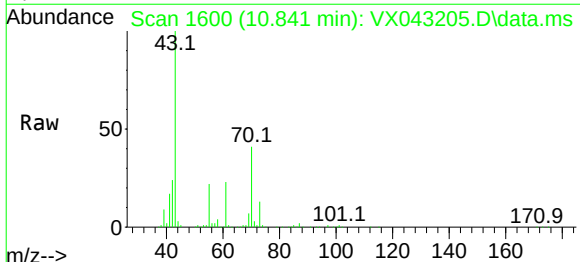
Ion Ratio Lower Upper

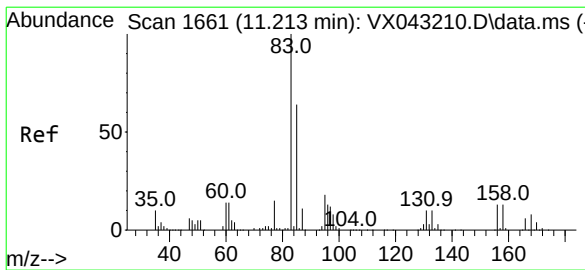
43 100

70 41.1 33.1 49.7

55 22.7 18.6 27.8

61 23.2 18.7 28.1





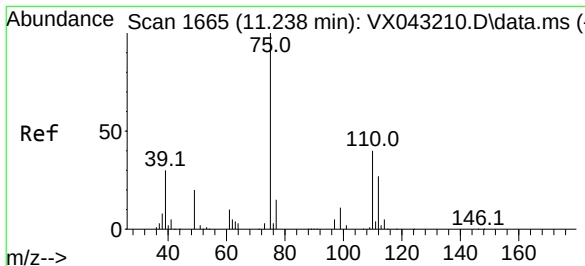
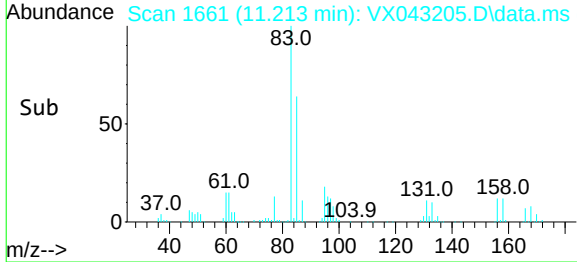
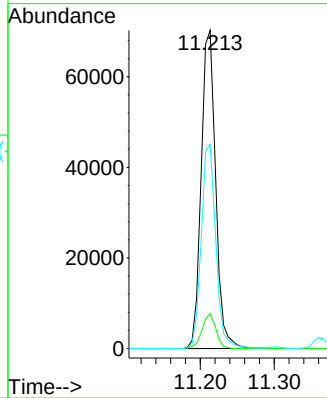
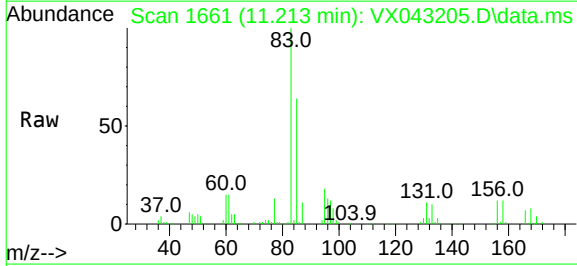
#75
1,1,2,2-Tetrachloroethane
Concen: 53.200 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX043205.D
Acq: 01 Oct 2024 10:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:	83	Resp:	95265
Ion	Ratio	Lower	Upper
83	100		
131	10.5	5.2	15.6
85	64.7	31.9	95.5

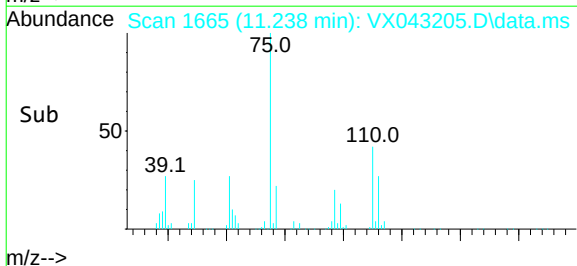
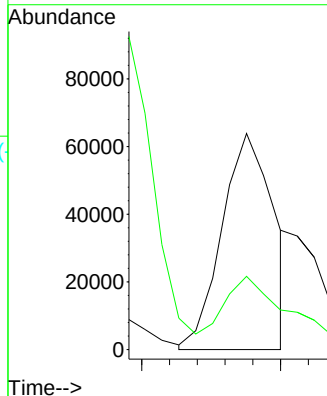
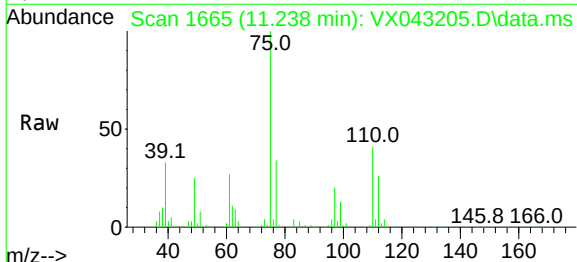
Manual Integrations
APPROVED

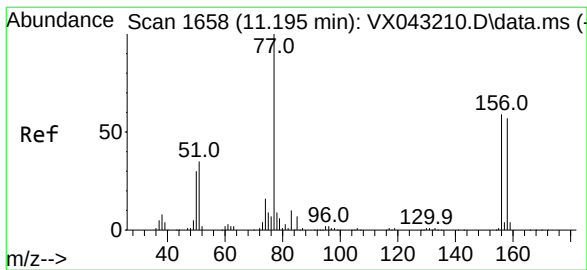
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#76
1,2,3-Trichloropropane
Concen: 52.720 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX043205.D
Acq: 01 Oct 2024 10:24

Tgt Ion:	75	Resp:	82677
Ion	Ratio	Lower	Upper
75	100		
77	44.2	22.0	66.0





#77

Bromobenzene

Concen: 54.006 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.006 min

Lab File: VX043205.D

Acq: 01 Oct 2024 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

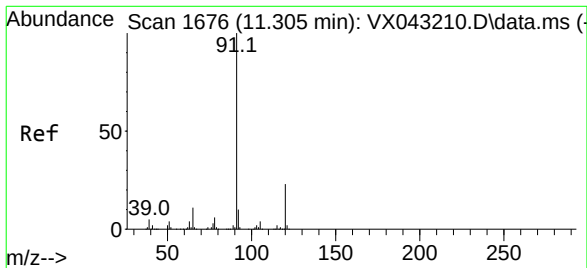
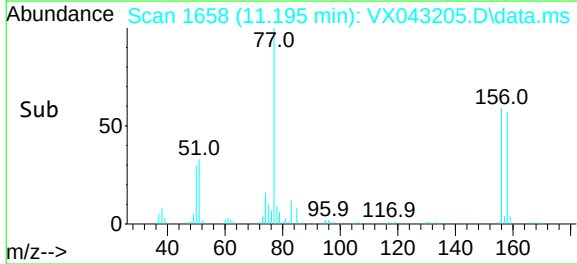
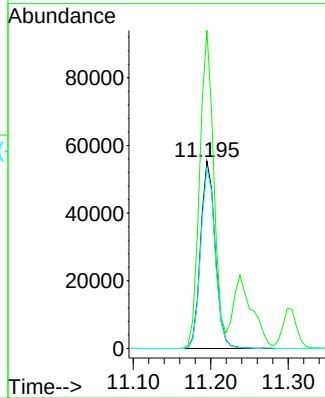
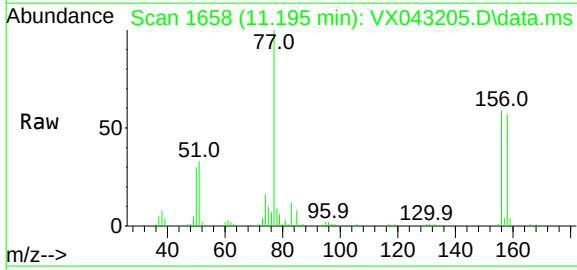
Tgt Ion:	156	Resp:	72243
Ion	Ratio	Lower	Upper
156	100		
77	164.8	82.0	245.8
158	96.1	48.1	144.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/02/2024

Supervised By :Semsettin Yesilyurt 10/02/2024



#78

n-propylbenzene

Concen: 57.458 ug/l

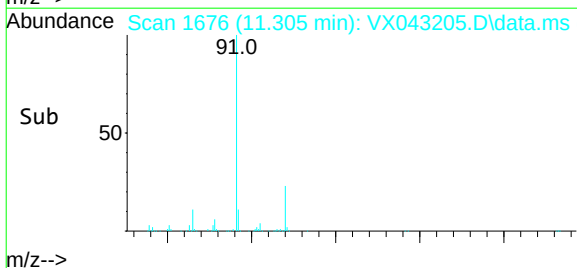
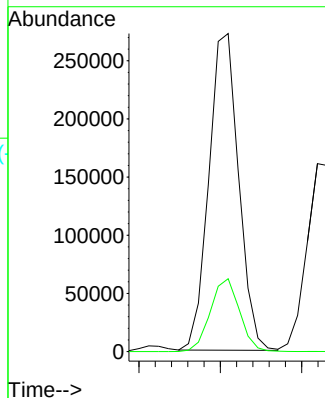
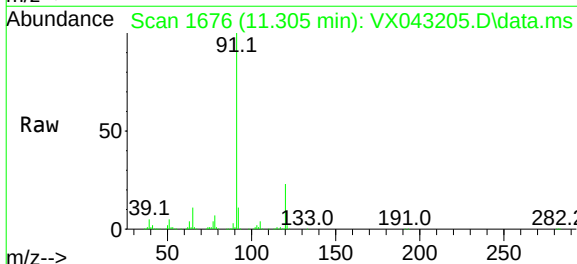
RT: 11.305 min Scan# 1676

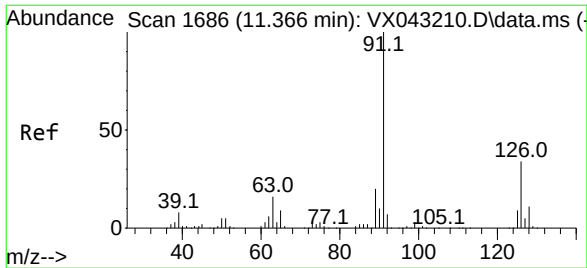
Delta R.T. 0.000 min

Lab File: VX043205.D

Acq: 01 Oct 2024 10:24

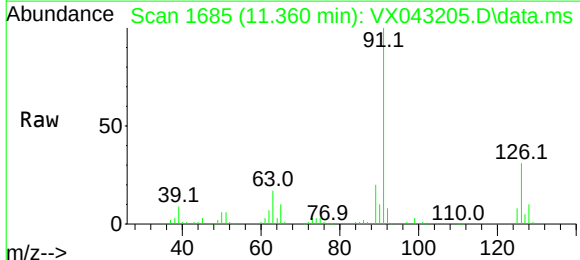
Tgt Ion:	91	Resp:	346723
Ion	Ratio	Lower	Upper
91	100		
120	22.6	11.4	34.1





#79
2-Chlorotoluene
Concen: 54.045 ug/l
RT: 11.360 min Scan# 1686
Delta R.T. -0.006 min
Lab File: VX043205.D
Acq: 01 Oct 2024 10:24

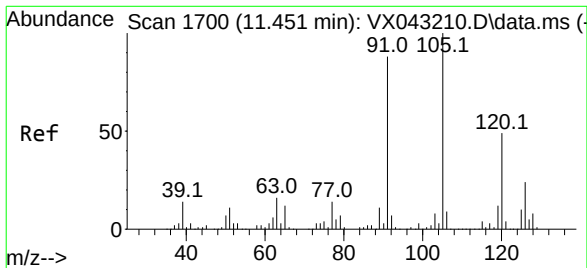
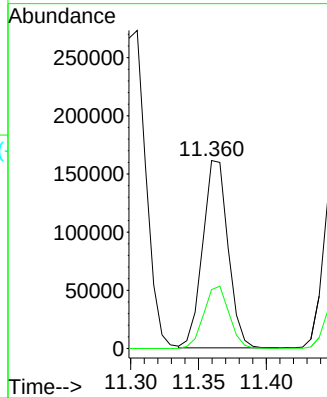
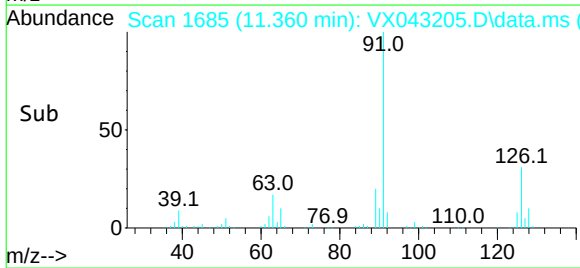
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 209666
Ion Ratio Lower Upper
91 100
126 33.3 16.6 49.7

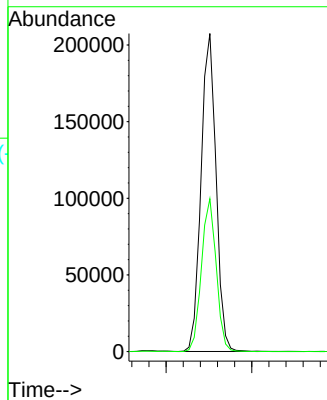
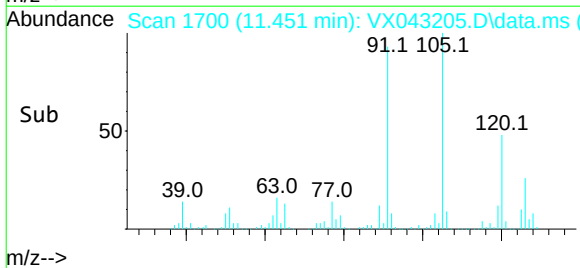
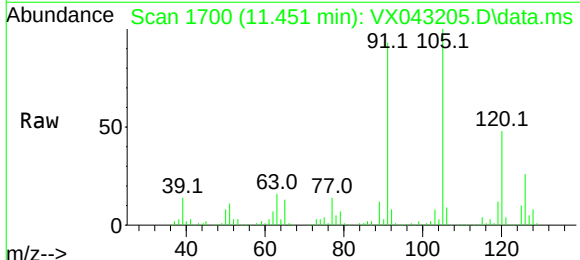
Manual Integrations
APPROVED

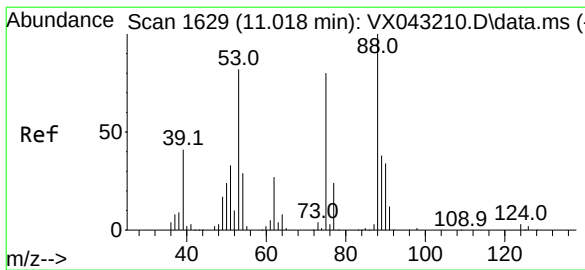
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#80
1,3,5-Trimethylbenzene
Concen: 55.636 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX043205.D
Acq: 01 Oct 2024 10:24

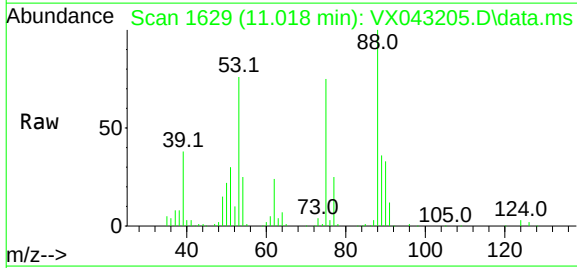
Tgt Ion:105 Resp: 252271
Ion Ratio Lower Upper
105 100
120 47.3 23.9 71.8





#81
trans-1,4-Dichloro-2-butene
Concen: 54.676 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX043205.D
Acq: 01 Oct 2024 10:24

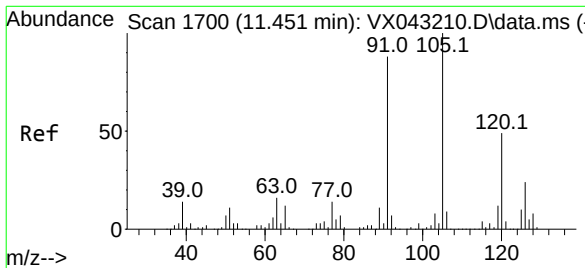
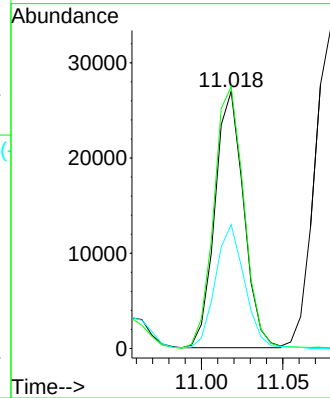
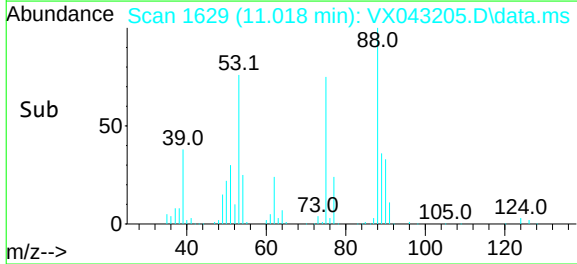
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 33085
Ion Ratio Lower Upper
75 100
53 107.8 83.9 125.9
89 49.3 38.6 58.0

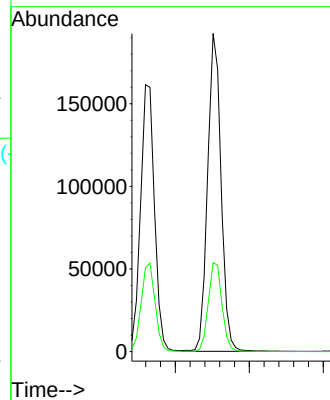
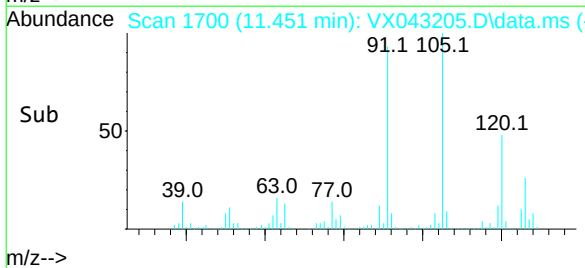
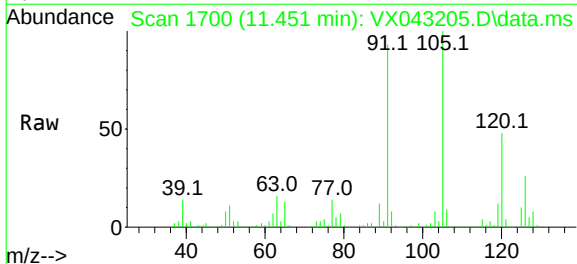
Manual Integrations
APPROVED

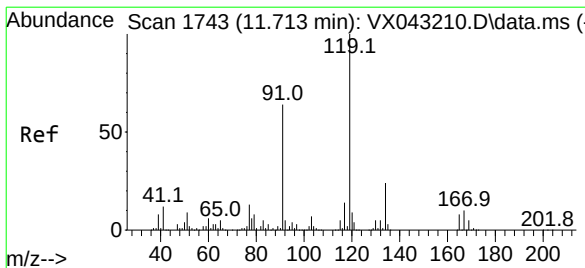
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#82
4-Chlorotoluene
Concen: 54.867 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX043205.D
Acq: 01 Oct 2024 10:24

Tgt Ion: 91 Resp: 242475
Ion Ratio Lower Upper
91 100
126 28.6 14.1 42.3





#83

tert-Butylbenzene

Concen: 54.655 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX043205.D

Acq: 01 Oct 2024 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

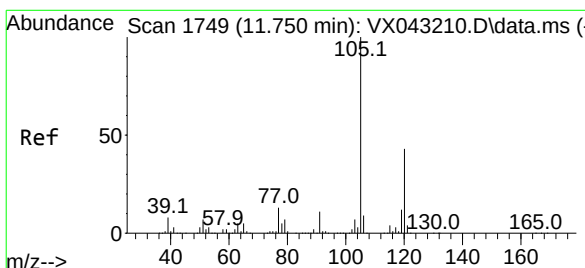
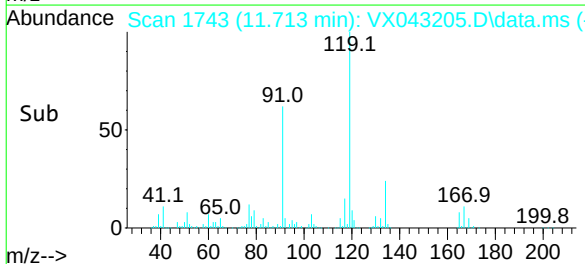
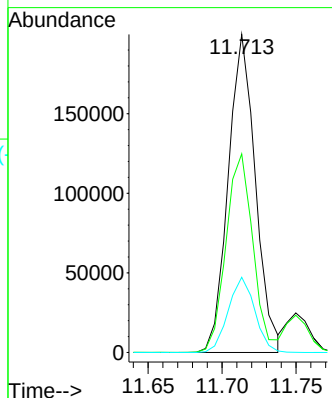
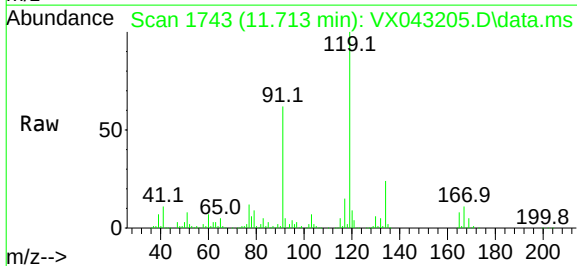
Tgt Ion:	119	Resp:	255318
Ion Ratio	Lower	Upper	
119	100		
91	62.2	31.0	93.0
134	23.1	11.5	34.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/02/2024

Supervised By :Semsettin Yesilyurt 10/02/2024



#84

1,2,4-Trimethylbenzene

Concen: 55.626 ug/l

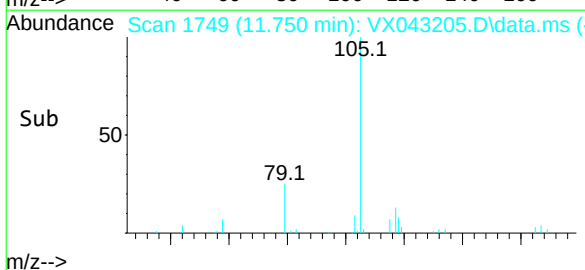
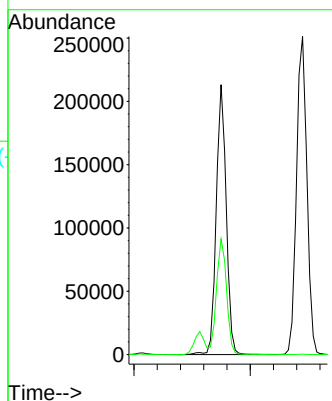
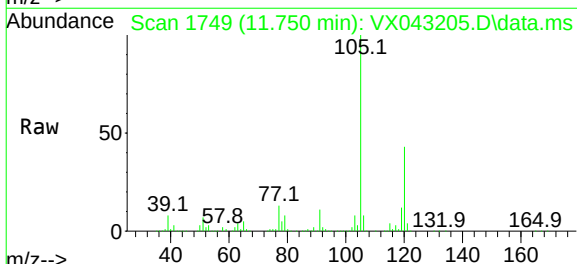
RT: 11.750 min Scan# 1749

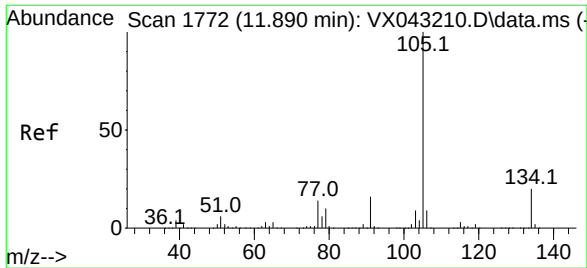
Delta R.T. 0.000 min

Lab File: VX043205.D

Acq: 01 Oct 2024 10:24

Tgt Ion:	105	Resp:	253781
Ion Ratio	Lower	Upper	
105	100		
120	43.8	21.2	63.6





#85

sec-Butylbenzene

Concen: 56.445 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX043205.D

Acq: 01 Oct 2024 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

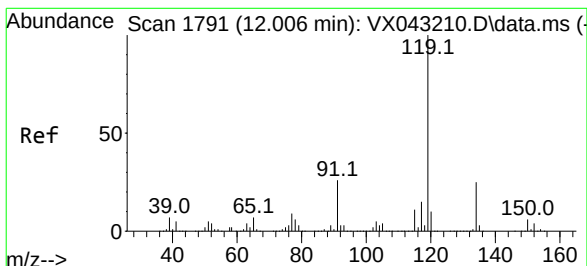
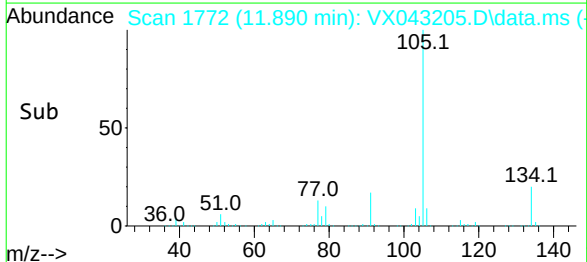
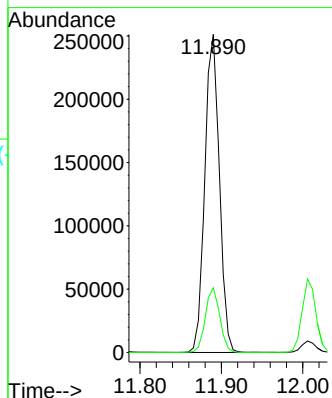
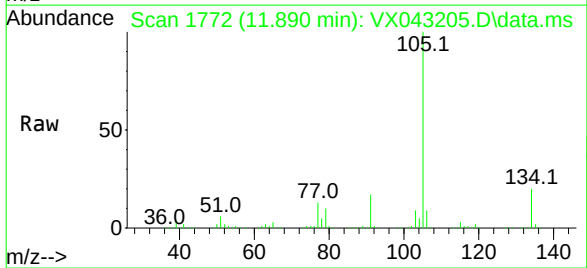
Tgt Ion:105 Resp: 312579
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.1 30.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/02/2024

Supervised By :Semsettin Yesilyurt 10/02/2024



#86

p-Isopropyltoluene

Concen: 57.495 ug/l

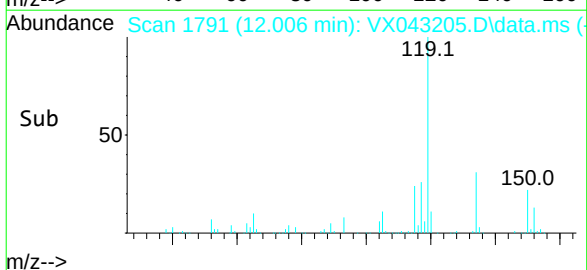
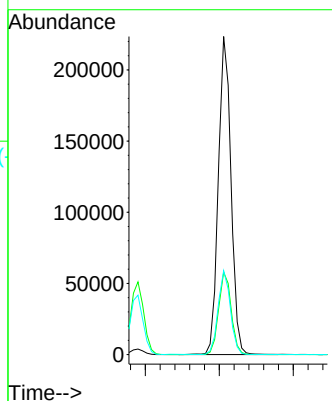
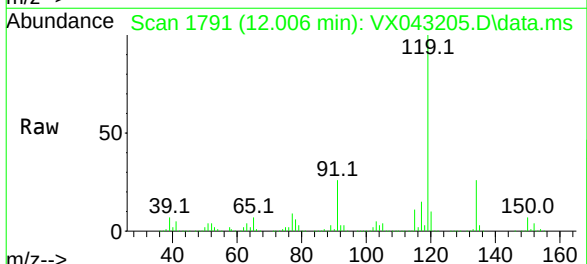
RT: 12.006 min Scan# 1791

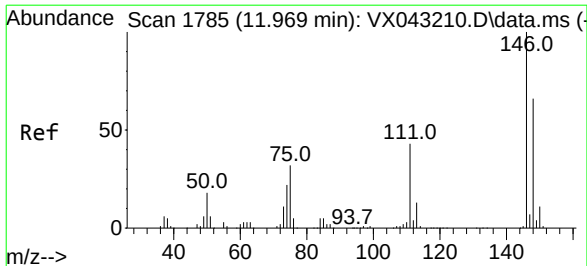
Delta R.T. 0.000 min

Lab File: VX043205.D

Acq: 01 Oct 2024 10:24

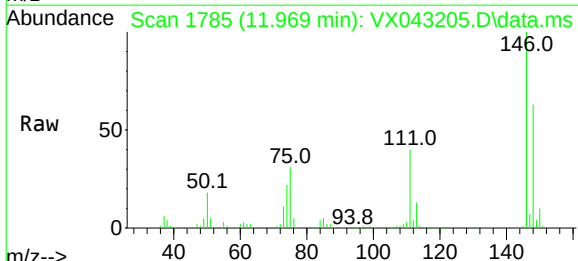
Tgt Ion:119 Resp: 265640
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.0 38.9
 91 25.5 13.0 39.0





#87
1,3-Dichlorobenzene
Concen: 56.654 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.006 min
Lab File: VX043205.D
Acq: 01 Oct 2024 10:24

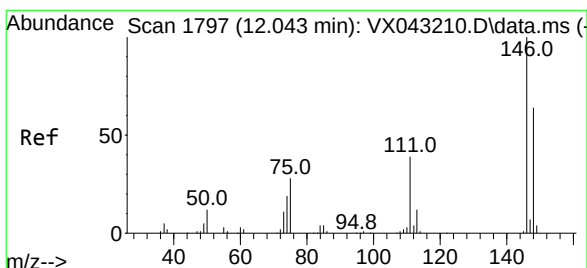
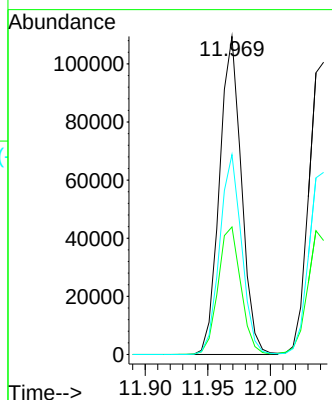
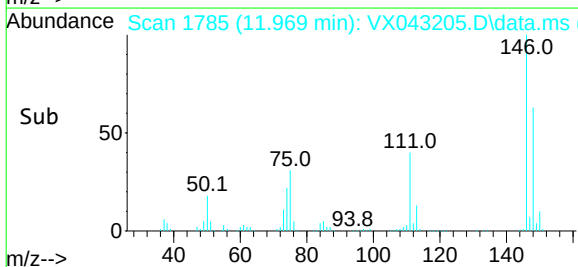
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 133500
Ion Ratio Lower Upper
146 100
111 41.7 21.8 65.3
148 62.9 32.4 97.2

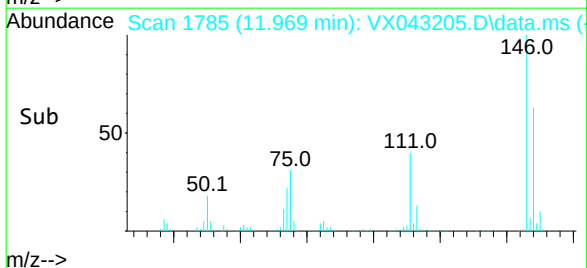
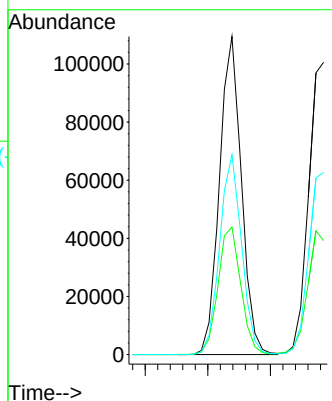
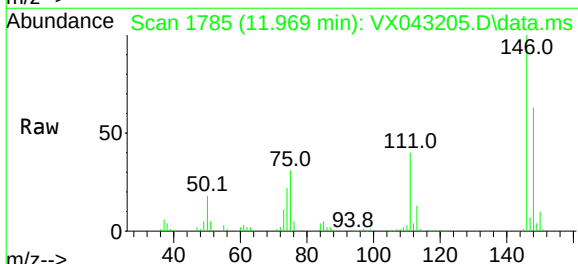
Manual Integrations
APPROVED

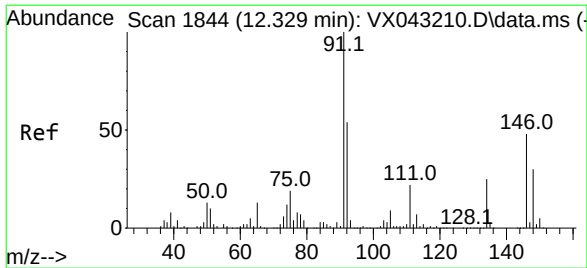
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#88
1,4-Dichlorobenzene
Concen: 56.471 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.006 min
Lab File: VX043205.D
Acq: 01 Oct 2024 10:24

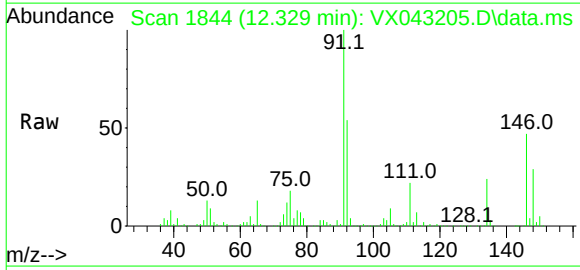
Tgt Ion:146 Resp: 133500
Ion Ratio Lower Upper
146 100
111 41.7 20.8 62.5
148 62.9 32.4 97.0





#89
n-Butylbenzene
Concen: 60.143 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX043205.D
Acq: 01 Oct 2024 10:24

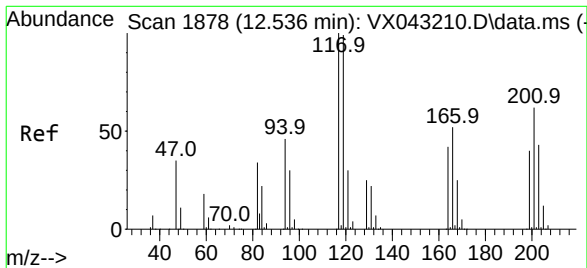
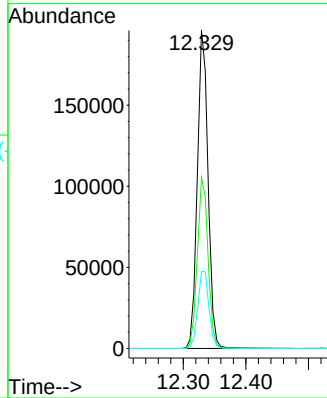
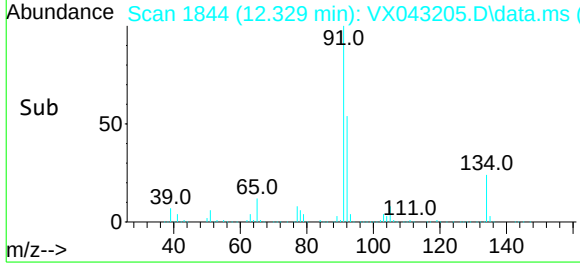
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 232637
Ion Ratio Lower Upper
91 100
92 53.9 27.0 81.0
134 25.4 12.9 38.6

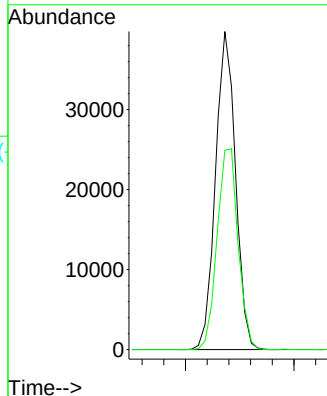
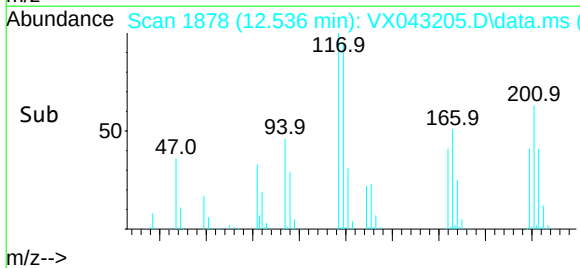
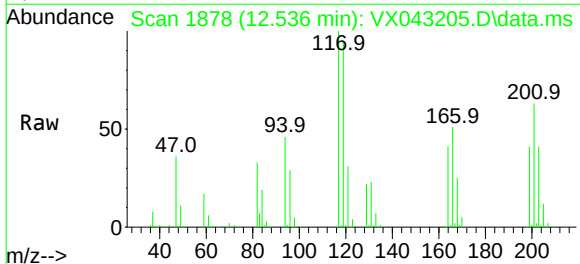
Manual Integrations
APPROVED

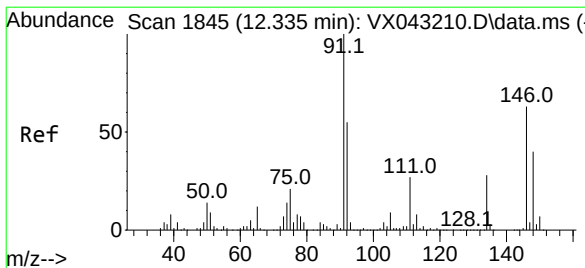
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#90
Hexachloroethane
Concen: 58.725 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX043205.D
Acq: 01 Oct 2024 10:24

Tgt Ion:117 Resp: 50885
Ion Ratio Lower Upper
117 100
201 66.4 34.0 101.8





#91

1,2-Dichlorobenzene

Concen: 54.100 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.006 min

Lab File: VX043205.D

Acq: 01 Oct 2024 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 130372

Ion Ratio Lower Upper

146 100

111 43.9 21.9 65.5

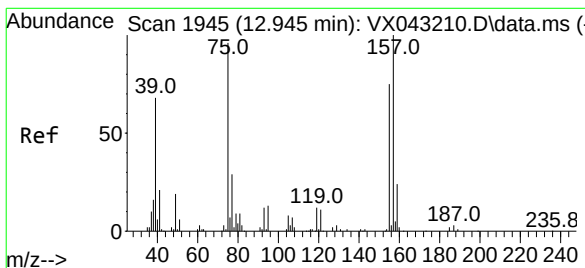
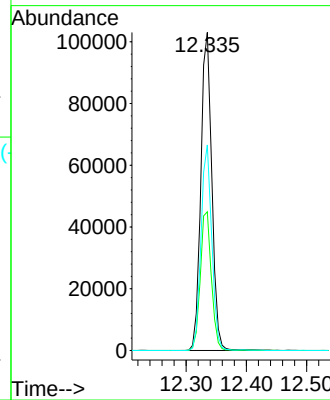
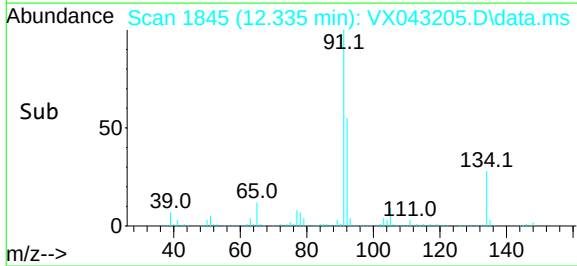
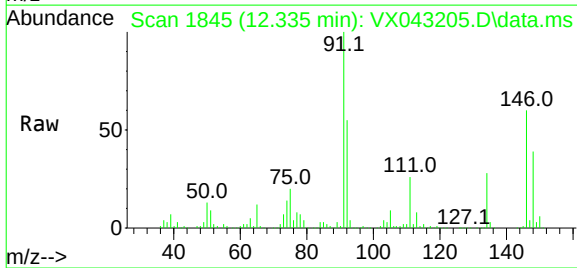
148 63.2 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/02/2024

Supervised By :Semsettin Yesilyurt 10/02/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 54.554 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. -0.006 min

Lab File: VX043205.D

Acq: 01 Oct 2024 10:24

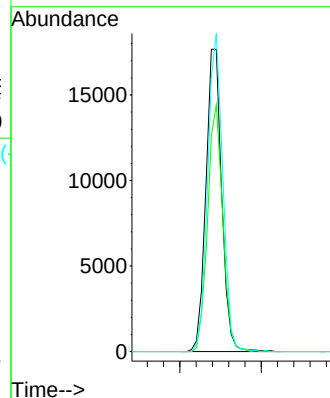
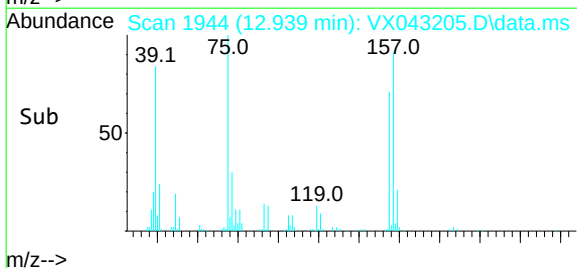
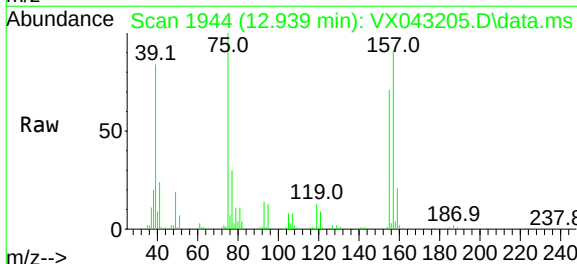
Tgt Ion: 75 Resp: 23851

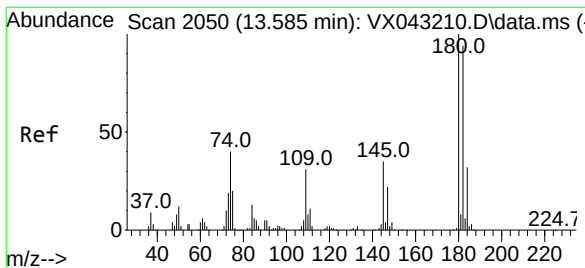
Ion Ratio Lower Upper

75 100

155 78.2 38.8 116.4

157 100.5 49.0 147.0





#93

1,2,4-Trichlorobenzene

Concen: 59.833 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.006 min

Lab File: VX043205.D

Acq: 01 Oct 2024 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 83124

Ion Ratio Lower Upper

180 100

182 93.8 47.1 141.3

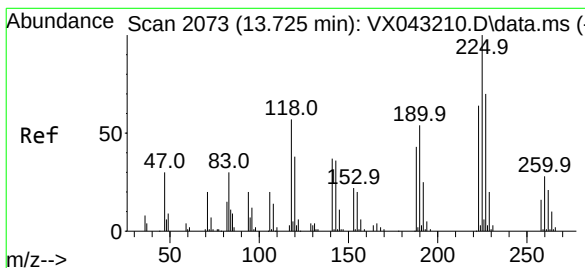
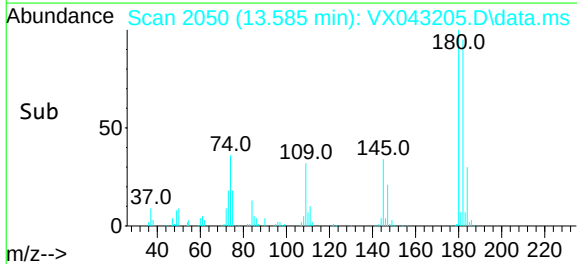
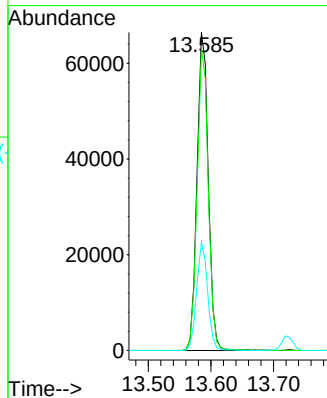
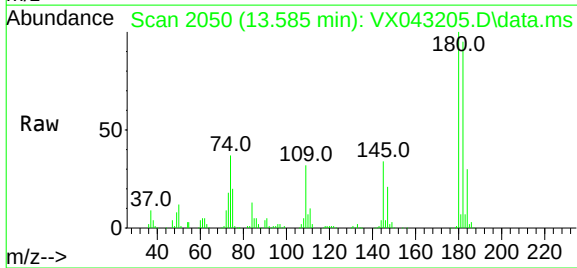
145 33.3 16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/02/2024

Supervised By :Semsettin Yesilyurt 10/02/2024



#94

Hexachlorobutadiene

Concen: 60.462 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX043205.D

Acq: 01 Oct 2024 10:24

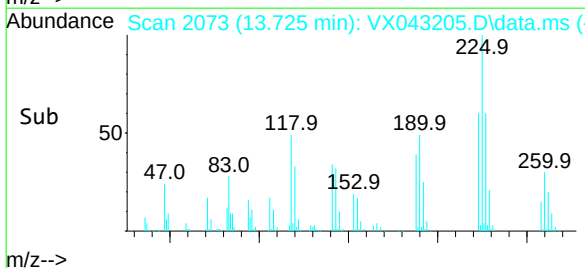
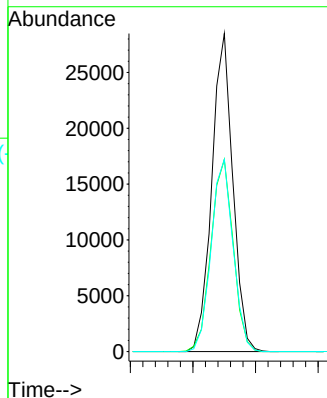
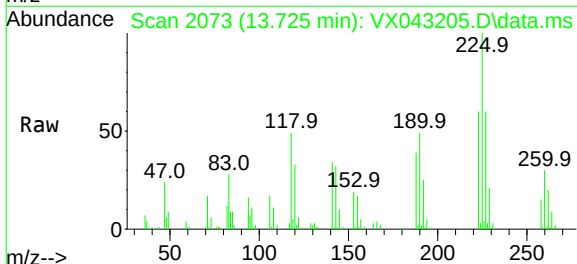
Tgt Ion:225 Resp: 33299

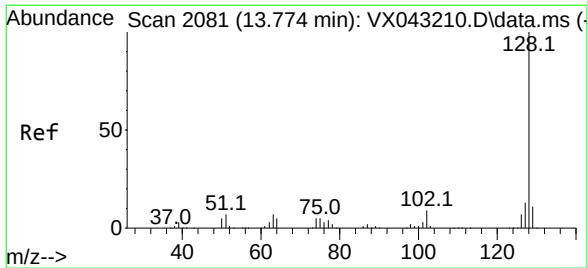
Ion Ratio Lower Upper

225 100

223 63.6 30.8 92.4

227 62.9 32.2 96.6





#95

Naphthalene

Concen: 55.585 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.006 min

Lab File: VX043205.D

Acq: 01 Oct 2024 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

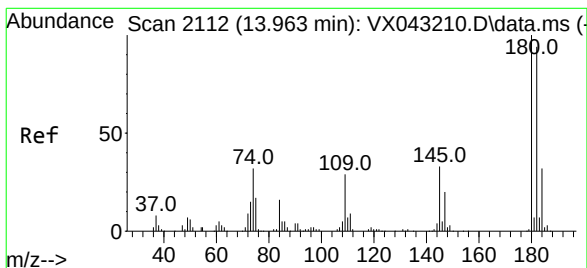
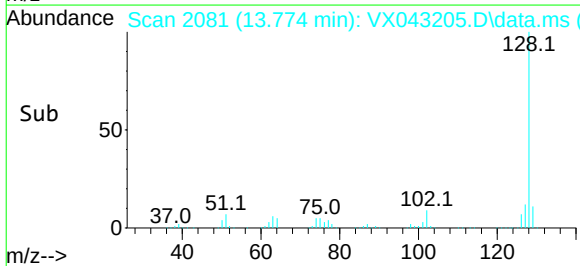
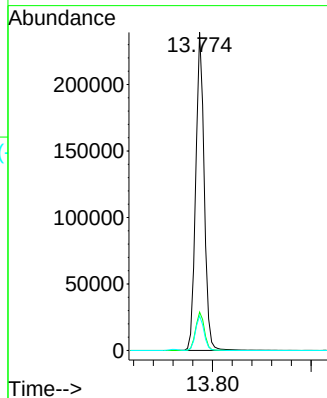
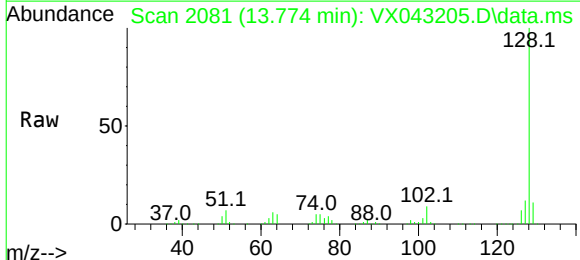
Tgt Ion:	128	Resp:	283883
Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.2	15.2
129	11.0	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/02/2024

Supervised By :Semsettin Yesilyurt 10/02/2024



#96

1,2,3-Trichlorobenzene

Concen: 57.723 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.006 min

Lab File: VX043205.D

Acq: 01 Oct 2024 10:24

Tgt Ion:	180	Resp:	82740
Ion	Ratio	Lower	Upper
180	100		
182	94.7	46.5	139.3
145	34.7	17.2	51.6

