

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091823\
 Data File : VX037766.D
 Acq On : 18 Sep 2023 10:05
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 18 17:54:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/19/2023
 Supervised By : Semsettin Yesilyurt 09/19/2023

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	271552	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	430356	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	404627	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	212586	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	174322	48.860	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.720%		
35) Dibromofluoromethane	5.385	113	150775	52.361	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.720%		
50) Toluene-d8	8.646	98	566025	52.903	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	105.800%		
62) 4-Bromofluorobenzene	11.079	95	210466	54.133	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	108.260%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	141312	49.371	ug/l	98
3) Chloromethane	1.300	50	144262	46.323	ug/l	98
4) Vinyl Chloride	1.373	62	157376	46.842	ug/l	98
5) Bromomethane	1.599	94	96359	40.062	ug/l	98
6) Chloroethane	1.666	64	94327m	40.754	ug/l	
7) Trichlorofluoromethane	1.873	101	268232	49.660	ug/l	100
8) Diethyl Ether	2.135	74	98874	47.249	ug/l	82
9) 1,1,2-Trichlorotrifluo...	2.318	101	139945	51.052	ug/l	96
10) Methyl Iodide	2.446	142	180139	49.658	ug/l	92
11) Tert butyl alcohol	2.983	59	192074	250.810	ug/l	# 93
12) 1,1-Dichloroethene	2.312	96	131478	49.629	ug/l	84
13) Acrolein	2.239	56	223418	295.310	ug/l	100
14) Allyl chloride	2.660	41	215729	48.892	ug/l	# 95
15) Acrylonitrile	3.062	53	401739	235.944	ug/l	99
16) Acetone	2.385	43	509445	296.824	ug/l	90
17) Carbon Disulfide	2.507	76	330043	49.689	ug/l	99
18) Methyl Acetate	2.702	43	290985	46.998	ug/l	93
19) Methyl tert-butyl Ether	3.117	73	481458	49.403	ug/l	99
20) Methylene Chloride	2.788	84	158420	49.926	ug/l	88
21) trans-1,2-Dichloroethene	3.086	96	144288	49.049	ug/l	91
22) Diisopropyl ether	3.763	45	454842	49.489	ug/l	# 82
23) Vinyl Acetate	3.720	43	1706144	252.376	ug/l	95
24) 1,1-Dichloroethane	3.605	63	266706	48.426	ug/l	99
25) 2-Butanone	4.556	43	626784	258.787	ug/l	93
26) 2,2-Dichloropropane	4.470	77	239923	53.913	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	177644	49.257	ug/l	90
28) Bromochloromethane	4.897	49	103190	40.162	ug/l	# 83
29) Tetrahydrofuran	5.001	42	354977	235.625	ug/l	90
30) Chloroform	5.086	83	288862	48.687	ug/l	100
31) Cyclohexane	5.464	56	234855	51.287	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	257491	51.256	ug/l	97
36) 1,1-Dichloropropene	5.690	75	204125	51.460	ug/l	96
37) Ethyl Acetate	4.714	43	219637	50.366	ug/l	96
38) Carbon Tetrachloride	5.671	117	225784	54.401	ug/l	99
39) Methylcyclohexane	7.378	83	270505	53.731	ug/l	94
40) Benzene	6.037	78	622334	51.019	ug/l	99

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Manual Integrations APPROVED

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 Supervised By :Semsettin Yesilyurt 09/19/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.915	41	114385	51.443	ug/l #	90
42) 1,2-Dichloroethane	6.080	62	219683	49.828	ug/l	96
43) Isopropyl Acetate	6.336	43	361785	51.884	ug/l #	95
44) Trichloroethene	7.122	130	166681	49.067	ug/l	98
45) 1,2-Dichloropropane	7.427	63	160805	50.762	ug/l	97
46) Dibromomethane	7.580	93	117174	51.421	ug/l	91
47) Bromodichloromethane	7.817	83	223744	53.314	ug/l	99
48) Methyl methacrylate	7.689	41	170455	51.136	ug/l #	87
49) 1,4-Dioxane	7.665	88	88263	1009.998	ug/l #	87
51) 4-Methyl-2-Pentanone	8.573	43	1108699	250.606	ug/l	95
52) Toluene	8.720	92	406363	51.691	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	251817	57.385	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	266100	54.792	ug/l #	88
55) 1,1,2-Trichloroethane	9.152	97	169342	51.091	ug/l	95
56) Ethyl methacrylate	9.116	69	264686	53.492	ug/l	91
57) 1,3-Dichloropropane	9.305	76	275737	51.410	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	591330	255.929	ug/l	98
59) 2-Hexanone	9.433	43	913365	265.159	ug/l	92
60) Dibromochloromethane	9.518	129	184570	55.899	ug/l	99
61) 1,2-Dibromoethane	9.610	107	184323	52.524	ug/l	100
64) Tetrachloroethene	9.274	164	144645	52.417	ug/l	97
65) Chlorobenzene	10.079	112	445568	51.051	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.164	131	171513	55.452	ug/l	99
67) Ethyl Benzene	10.195	91	802474	53.032	ug/l	99
68) m/p-Xylenes	10.299	106	626057	107.070	ug/l	96
69) o-Xylene	10.640	106	310788	53.004	ug/l	97
70) Styrene	10.652	104	510129	54.193	ug/l	96
71) Bromoform	10.798	173	142486	58.316	ug/l #	100
73) Isopropylbenzene	10.963	105	821669	52.683	ug/l	98
74) N-amyl acetate	10.841	43	334449	52.950	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	273908	49.936	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	214490m	43.623	ug/l	
77) Bromobenzene	11.195	156	199395	51.653	ug/l	88
78) n-propylbenzene	11.304	91	950174	53.945	ug/l	99
79) 2-Chlorotoluene	11.365	91	557334	51.318	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	702337	53.324	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	88421	57.606	ug/l	86
82) 4-Chlorotoluene	11.451	91	644203	52.688	ug/l	96
83) tert-Butylbenzene	11.713	119	717994	53.937	ug/l	94
84) 1,2,4-Trimethylbenzene	11.749	105	699590	53.385	ug/l	97
85) sec-Butylbenzene	11.890	105	878118	54.374	ug/l	99
86) p-Isopropyltoluene	12.012	119	739891	54.989	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	376146	52.272	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	377245	51.232	ug/l	97
89) n-Butylbenzene	12.335	91	655781	55.635	ug/l	97
90) Hexachloroethane	12.536	117	134082	58.814	ug/l	84
91) 1,2-Dichlorobenzene	12.335	146	379940	51.714	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.938	75	59910	54.793	ug/l	76
93) 1,2,4-Trichlorobenzene	13.585	180	247566	57.205	ug/l	97
94) Hexachlorobutadiene	13.725	225	114340	56.577	ug/l	99
95) Naphthalene	13.774	128	810560	55.380	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	251367	56.441	ug/l	97

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VSTDCCC050

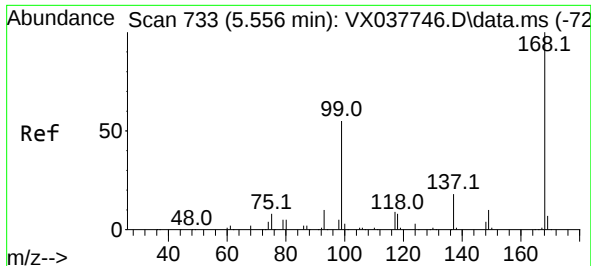
Manual Integrations
APPROVED

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 16 04:55:44 2023
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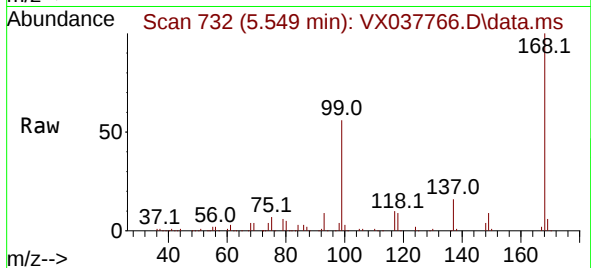
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX037766.D
Acq: 18 Sep 2023 10:05

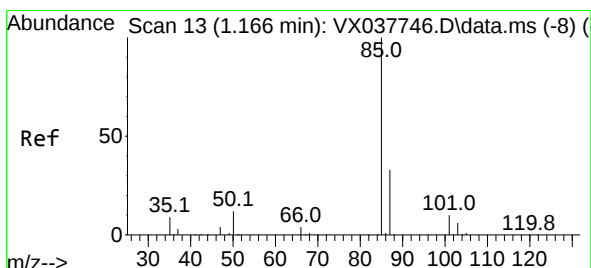
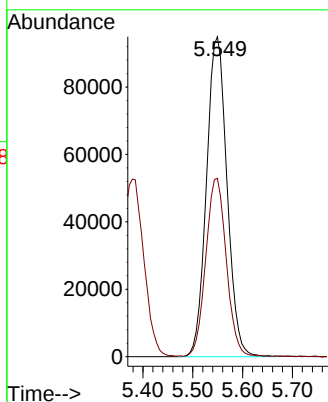
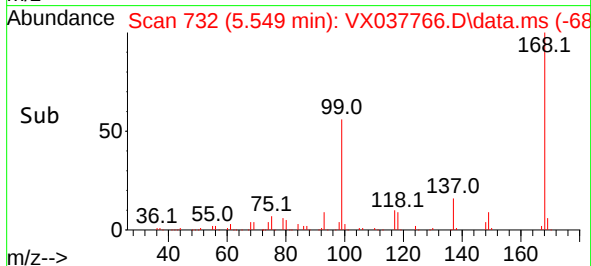
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



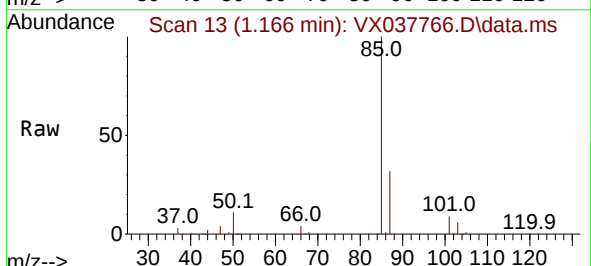
Tgt Ion:168 Resp: 271552
Ion Ratio Lower Upper
168 100
99 55.6 56.6 85.0

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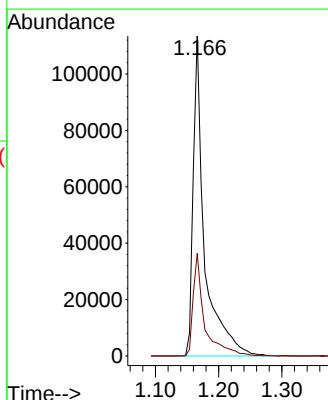
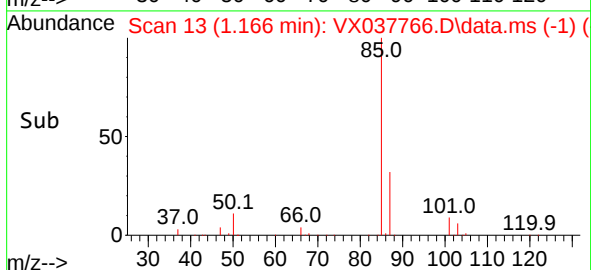
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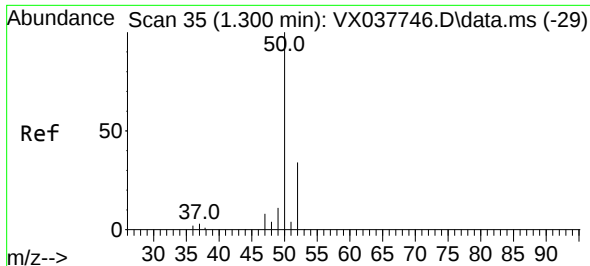


#2
Dichlorodifluoromethane
Concen: 49.371 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX037766.D
Acq: 18 Sep 2023 10:05



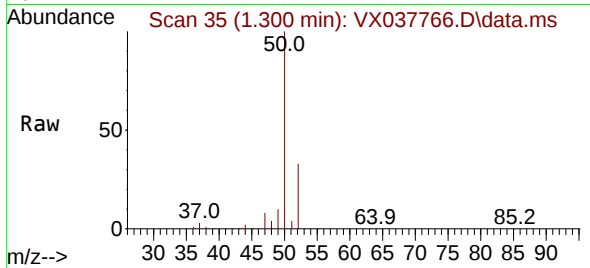
Tgt Ion: 85 Resp: 141312
Ion Ratio Lower Upper
85 100
87 32.1 16.7 50.1





#3
Chloromethane
Concen: 46.323 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX037766.D
Acq: 18 Sep 2023 10:05

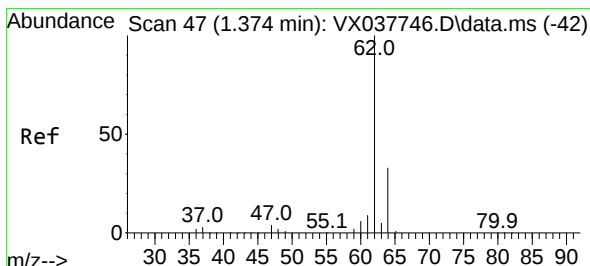
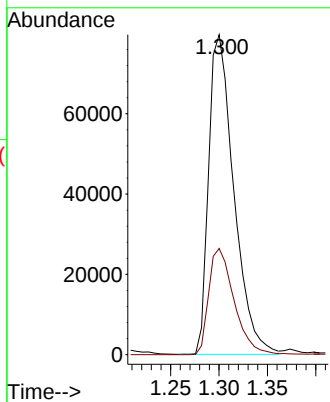
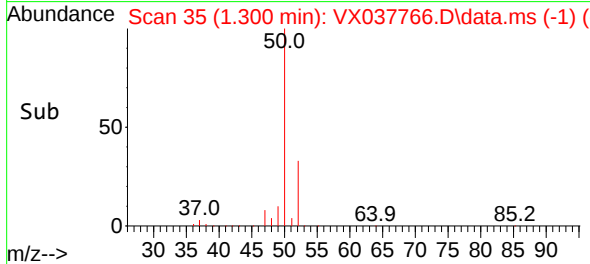
Instrument :
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ClientSampleId :
VSTDCCC050



Tgt Ion: 50 Resp: 144262
Ion Ratio Lower Upper
50 100
52 33.2 25.5 38.3

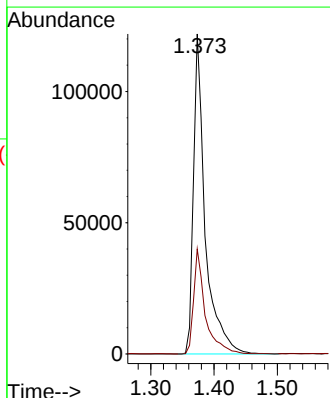
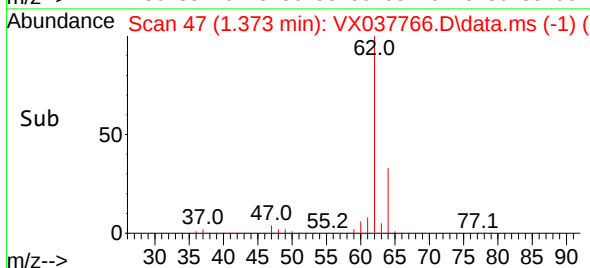
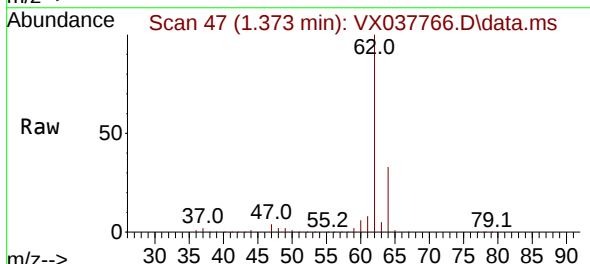
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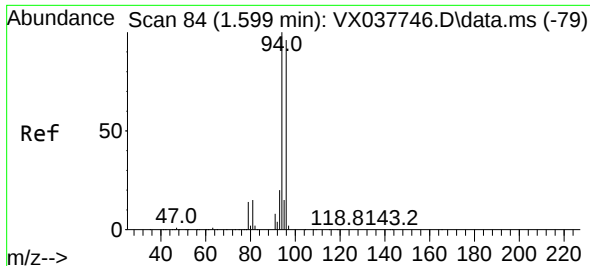
Reviewed By :John Carlone 09/19/2023
Supervised By :Semsettin Yesilyurt 09/19/2023



#4
Vinyl Chloride
Concen: 46.842 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX037766.D
Acq: 18 Sep 2023 10:05

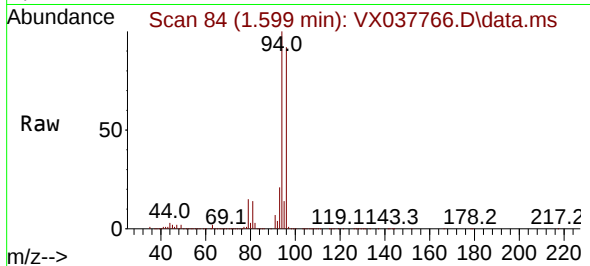
Tgt Ion: 62 Resp: 157376
Ion Ratio Lower Upper
62 100
64 32.8 25.4 38.0





#5
Bromomethane
Concen: 40.062 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX037766.D
Acq: 18 Sep 2023 10:05

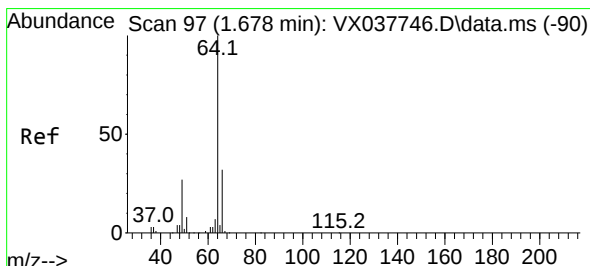
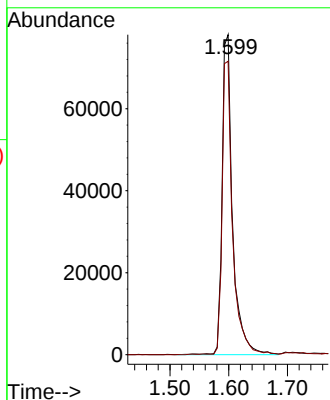
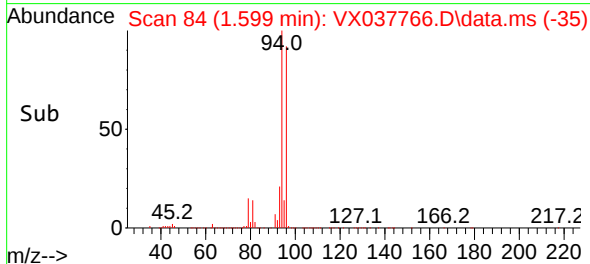
Instrument :
MSVOA_X
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Tgt Ion: 94 Resp: 96359
Ion Ratio Lower Upper
94 100
96 91.7 74.6 111.8

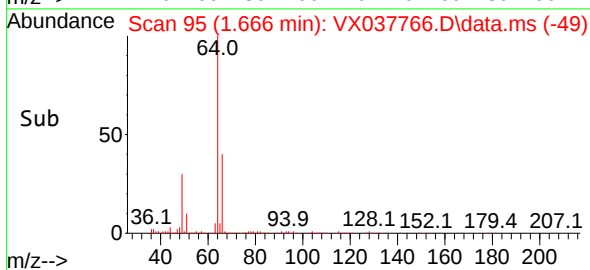
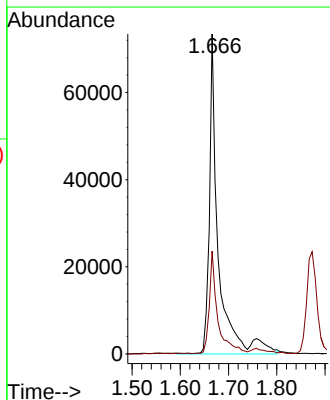
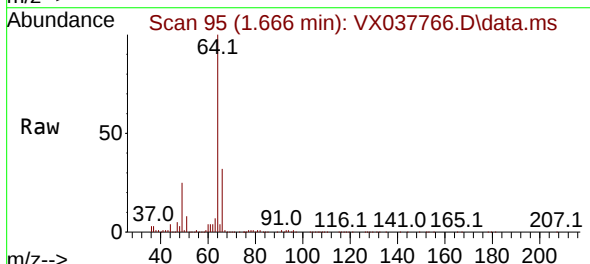
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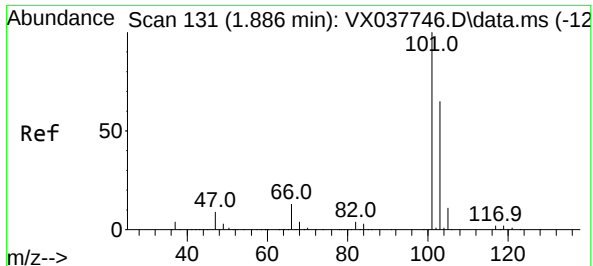
Reviewed By :John Carlone 09/19/2023
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#6
Chloroethane
Concen: 40.754 ug/l m
RT: 1.666 min Scan# 95
Delta R.T. -0.019 min
Lab File: VX037766.D
Acq: 18 Sep 2023 10:05

Tgt Ion: 64 Resp: 94327
Ion Ratio Lower Upper
64 100
66 32.1 25.1 37.7





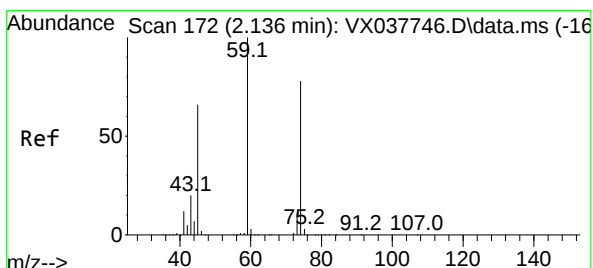
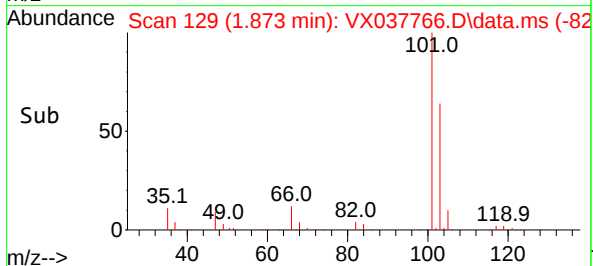
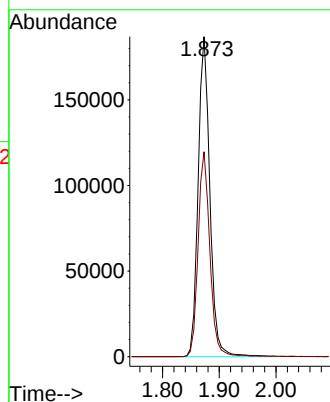
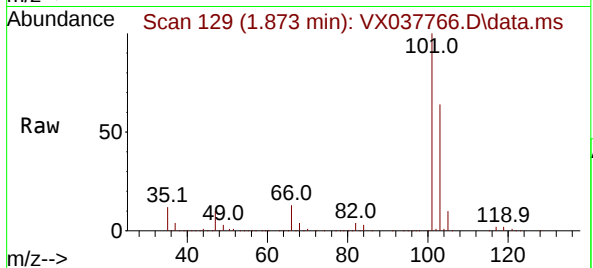
#7
Trichlorofluoromethane
Concen: 49.660 ug/l
RT: 1.873 min Scan# 11
Delta R.T. -0.013 min
Lab File: VX037766.D
Acq: 18 Sep 2023 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 26823
Ion Ratio Lower Upper
101 100
103 64.0 51.4 77.2

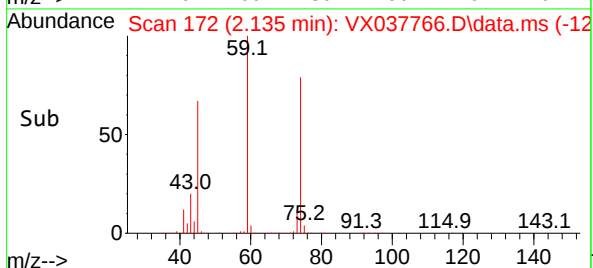
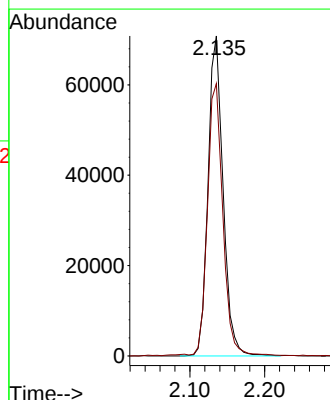
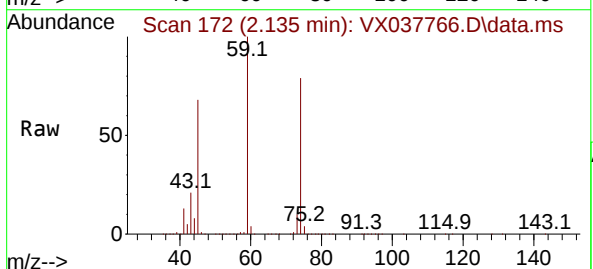
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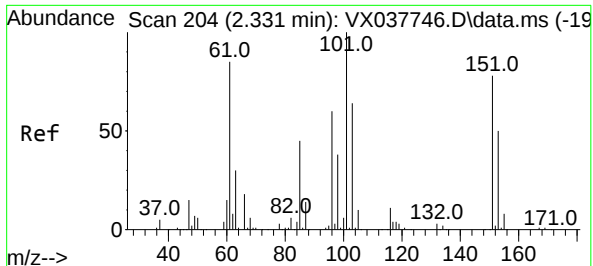
Reviewed By :John Carlone 09/19/2023
Supervised By :Semsettin Yesilyurt 09/19/2023



#8
Diethyl Ether
Concen: 47.249 ug/l
RT: 2.135 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX037766.D
Acq: 18 Sep 2023 10:05

Tgt Ion: 74 Resp: 98874
Ion Ratio Lower Upper
74 100
45 87.4 53.3 159.8





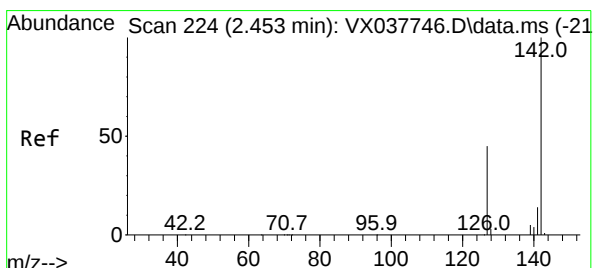
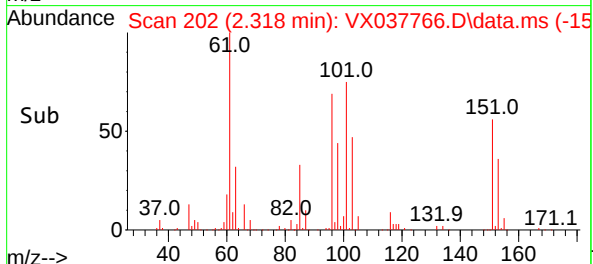
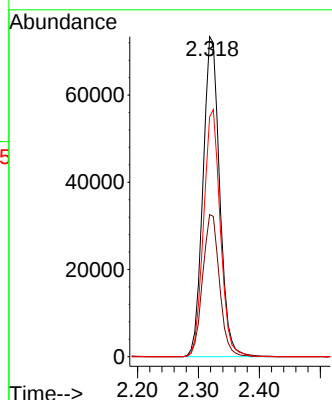
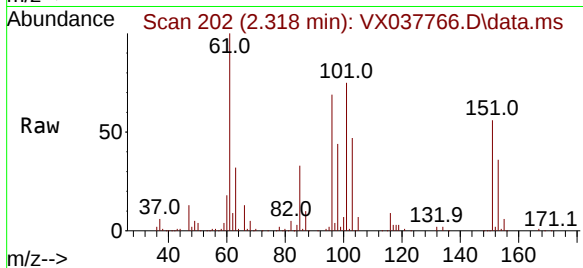
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.052 ug/l
RT: 2.318 min Scan# 204
Delta R.T. -0.013 min
Lab File: VX037766.D
Acq: 18 Sep 2023 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 13994
Ion Ratio Lower Upper
101 100
85 44.7 37.0 55.6
151 77.3 58.6 87.8

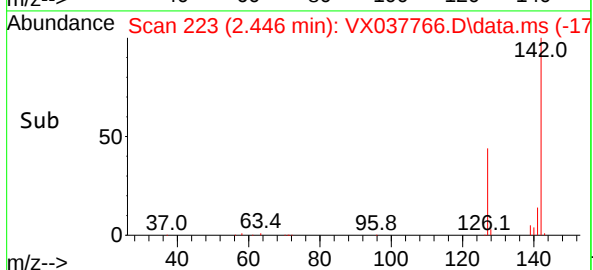
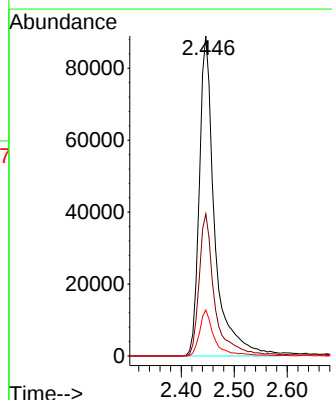
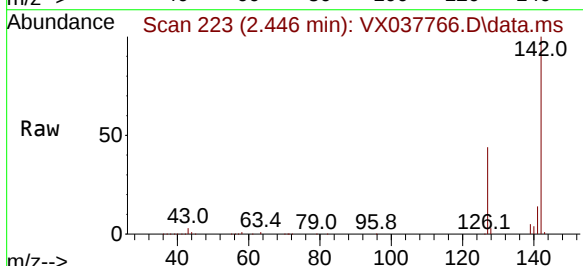
Manual Integrations
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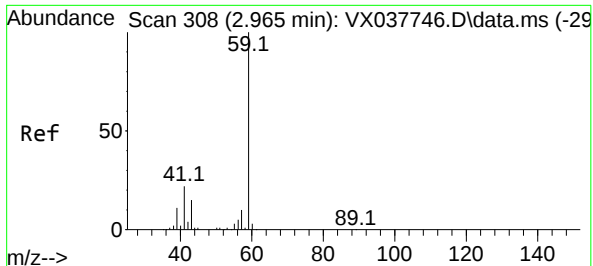
Reviewed By :John Carlone 09/19/2023
Supervised By :Semsettin Yesilyurt 09/19/2023



#10
Methyl Iodide
Concen: 49.658 ug/l
RT: 2.446 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX037766.D
Acq: 18 Sep 2023 10:05

Tgt Ion:142 Resp: 180139
Ion Ratio Lower Upper
142 100
127 44.9 41.6 62.4
141 14.1 11.6 17.4





#11

Tert butyl alcohol

Concen: 250.810 ug/l

RT: 2.983 min Scan# 311

Delta R.T. 0.018 min

Lab File: VX037766.D

Acq: 18 Sep 2023 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 192074

Ion Ratio Lower Upper

59 100

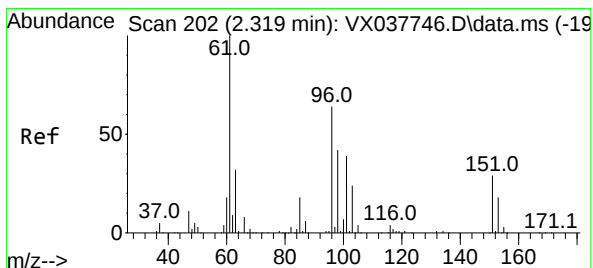
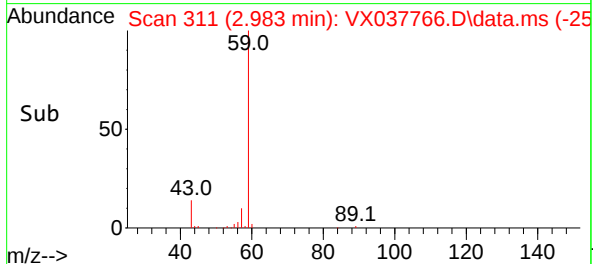
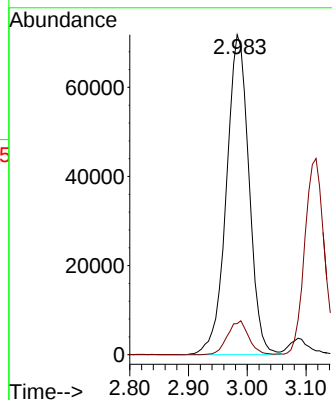
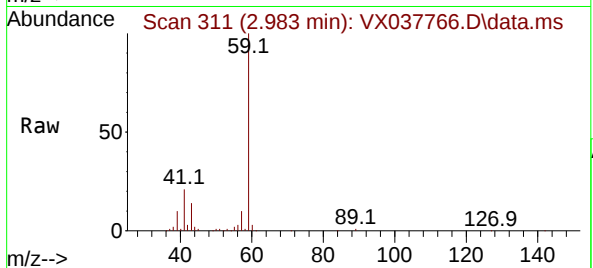
57 9.9 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/19/2023

Supervised By :Semsettin Yesilyurt 09/19/2023



#12

1,1-Dichloroethene

Concen: 49.629 ug/l

RT: 2.312 min Scan# 201

Delta R.T. -0.013 min

Lab File: VX037766.D

Acq: 18 Sep 2023 10:05

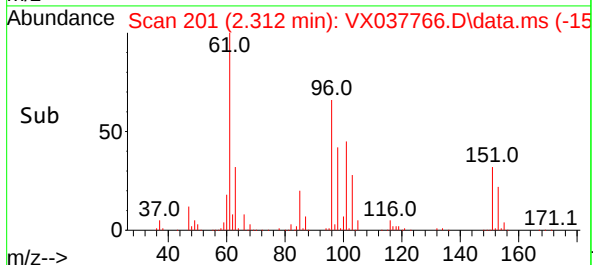
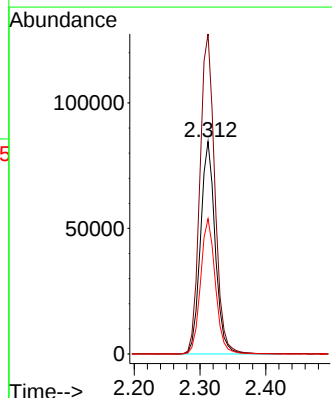
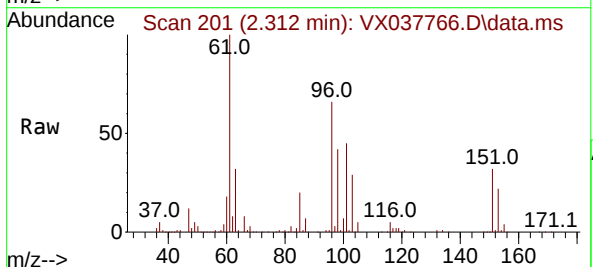
Tgt Ion: 96 Resp: 131478

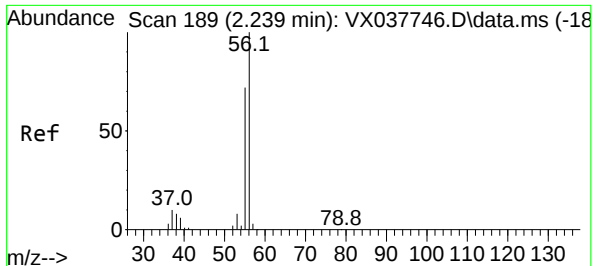
Ion Ratio Lower Upper

96 100

61 150.6 144.6 216.8

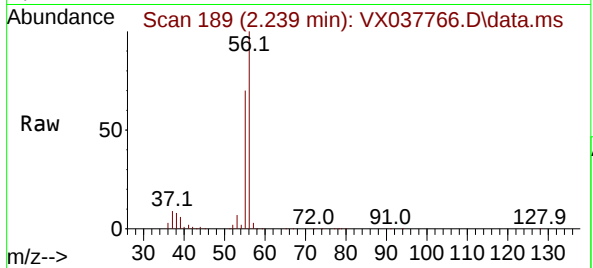
98 63.6 50.4 75.6





#13
Acrolein
Concen: 295.310 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX037766.D
Acq: 18 Sep 2023 10:05

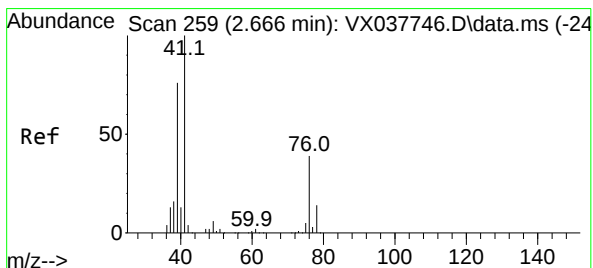
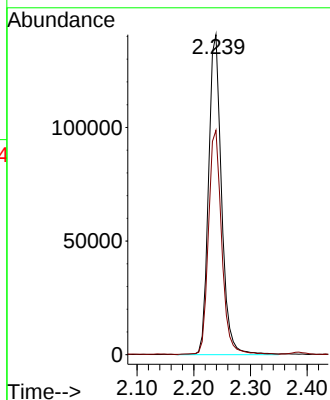
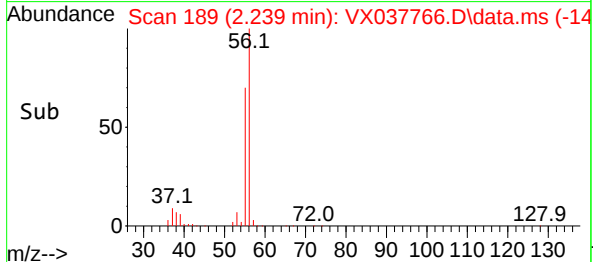
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 223418
Ion Ratio Lower Upper
56 100
55 71.2 57.1 85.7

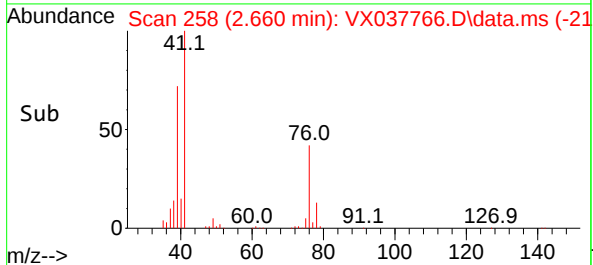
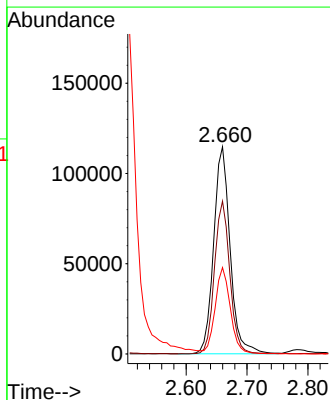
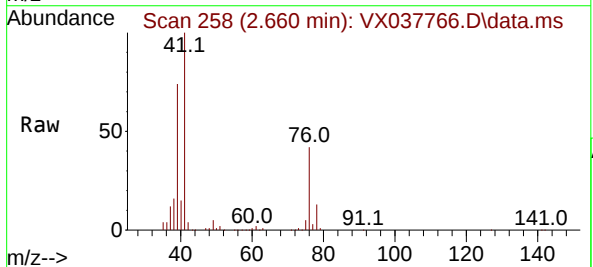
Manual Integrations
APPROVED

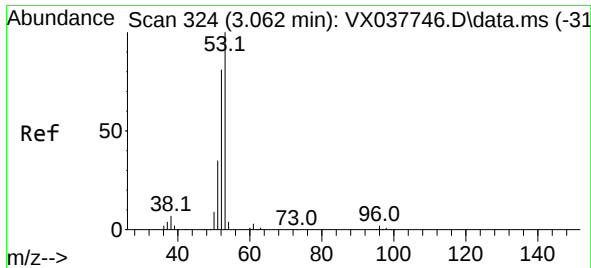
Reviewed By :John Carlone 09/19/2023
Supervised By :Semsettin Yesilyurt 09/19/2023



#14
Allyl chloride
Concen: 48.892 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.007 min
Lab File: VX037766.D
Acq: 18 Sep 2023 10:05

Tgt Ion: 41 Resp: 215729
Ion Ratio Lower Upper
41 100
39 68.8 55.8 83.6
76 38.4 24.3 36.5





#15

Acrylonitrile

Concen: 235.944 ug/l

RT: 3.062 min Scan# 31

Delta R.T. -0.007 min

Lab File: VX037766.D

Acq: 18 Sep 2023 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

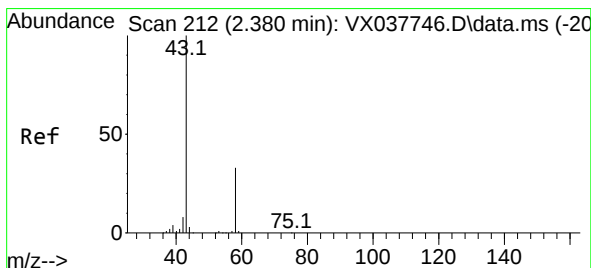
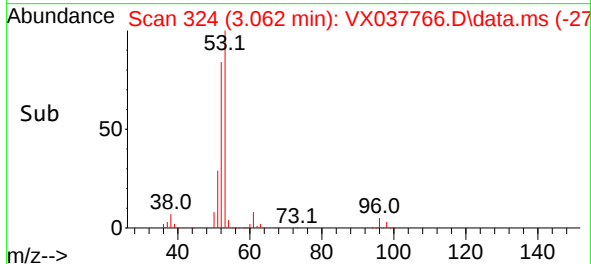
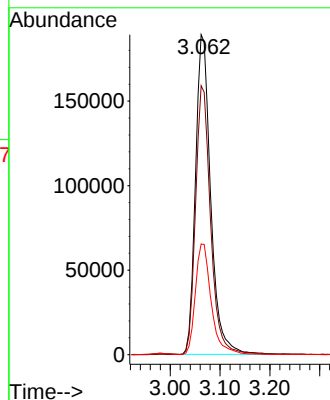
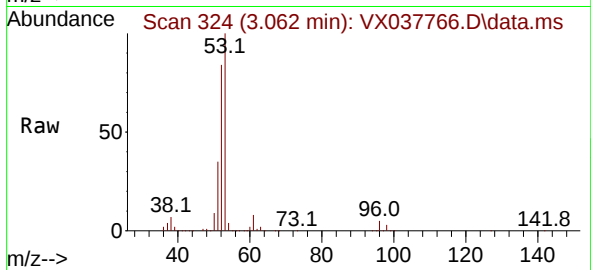
Tgt Ion:	53	Resp:	401739
Ion	Ratio	Lower	Upper
53	100		
52	83.3	66.0	99.0
51	36.0	29.8	44.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/19/2023

Supervised By :Semsettin Yesilyurt 09/19/2023



#16

Acetone

Concen: 296.824 ug/l

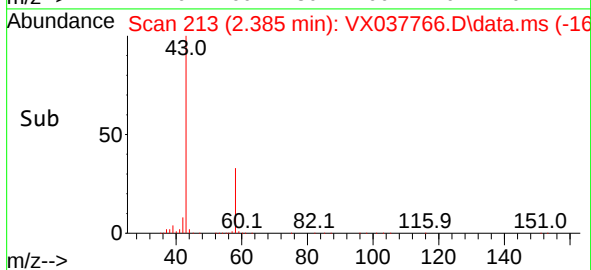
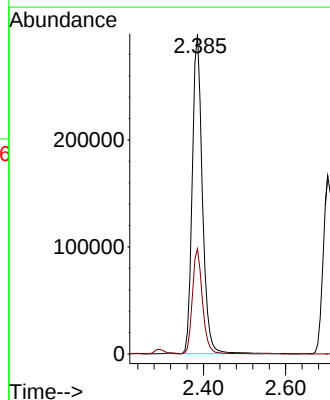
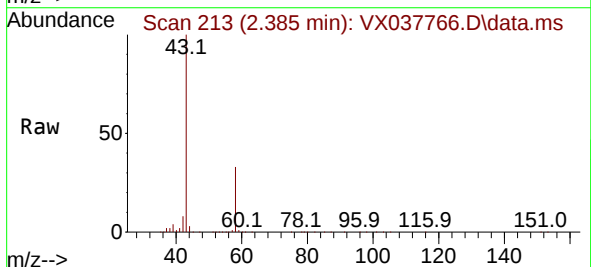
RT: 2.385 min Scan# 213

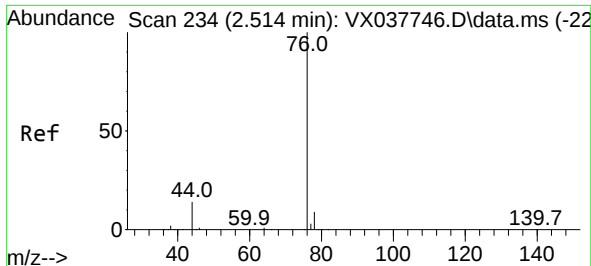
Delta R.T. 0.006 min

Lab File: VX037766.D

Acq: 18 Sep 2023 10:05

Tgt Ion:	43	Resp:	509445
Ion	Ratio	Lower	Upper
43	100		
58	32.9	21.9	32.9





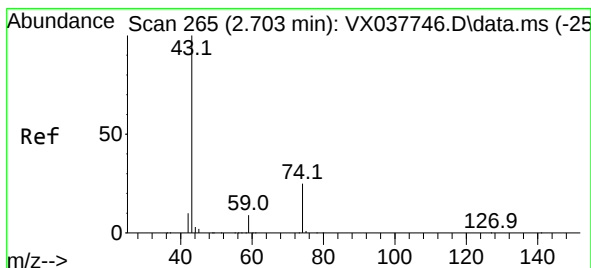
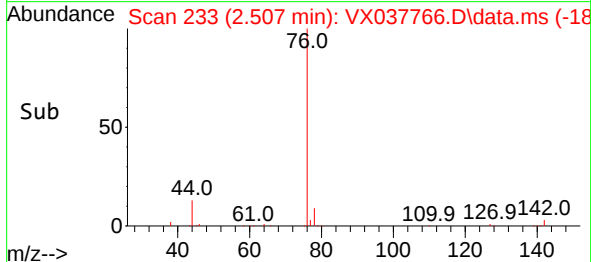
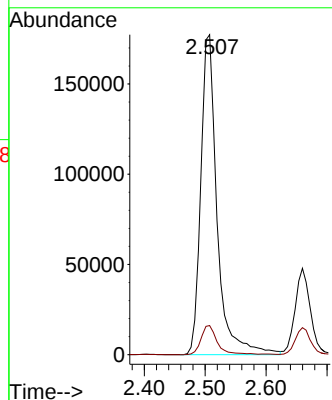
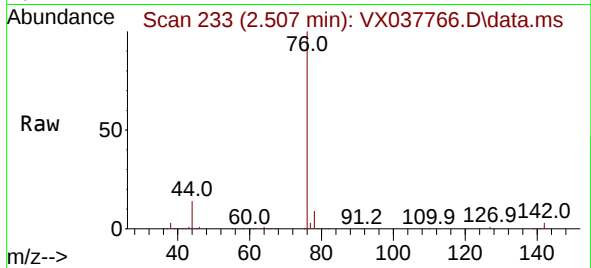
#17
Carbon Disulfide
Concen: 49.689 ug/l
RT: 2.507 min Scan# 21
Delta R.T. -0.007 min
Lab File: VX037766.D
Acq: 18 Sep 2023 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 33004
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6

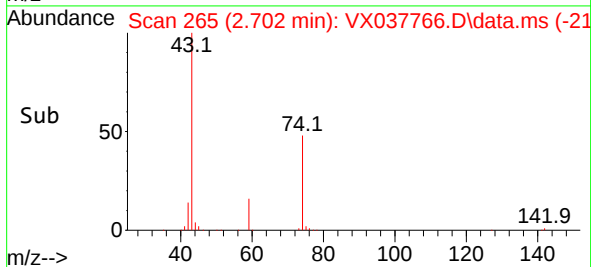
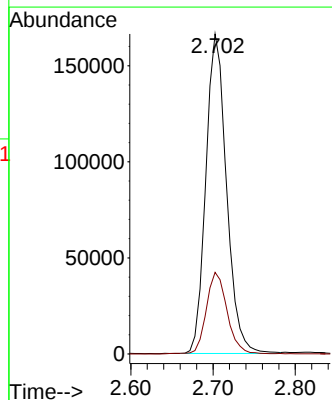
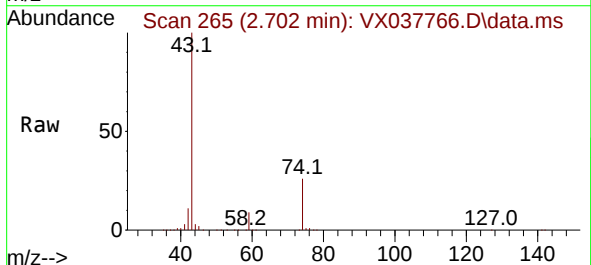
Manual Integrations
APPROVED

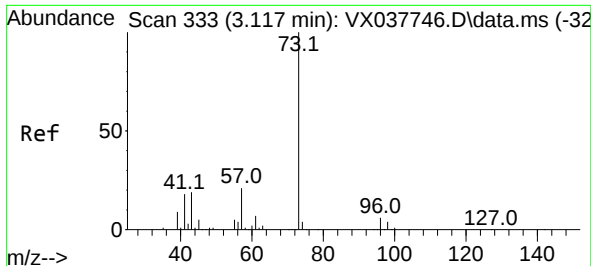
Reviewed By :John Carlone 09/19/2023
Supervised By :Semsettin Yesilyurt 09/19/2023



#18
Methyl Acetate
Concen: 46.998 ug/l
RT: 2.702 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX037766.D
Acq: 18 Sep 2023 10:05

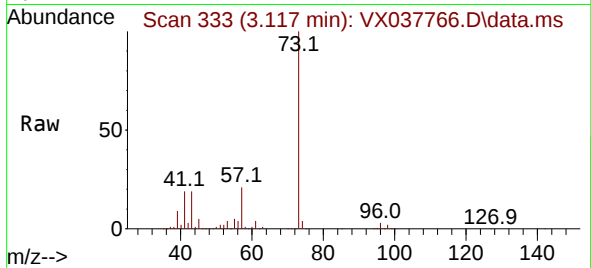
Tgt Ion: 43 Resp: 290985
Ion Ratio Lower Upper
43 100
74 25.8 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 49.403 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.007 min
Lab File: VX037766.D
Acq: 18 Sep 2023 10:05

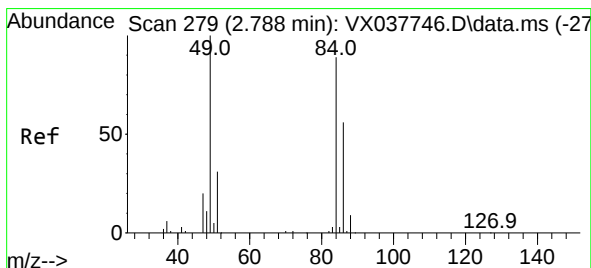
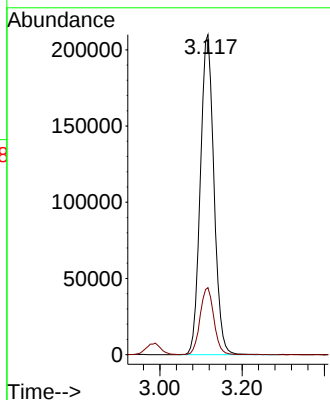
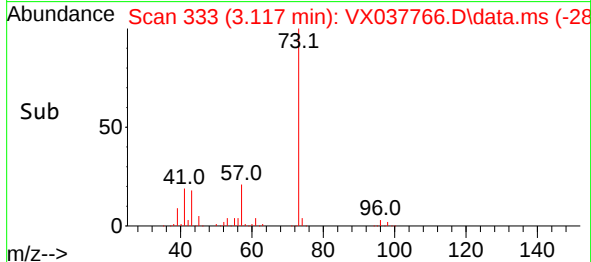
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 481458
Ion Ratio Lower Upper
73 100
57 21.0 17.3 25.9

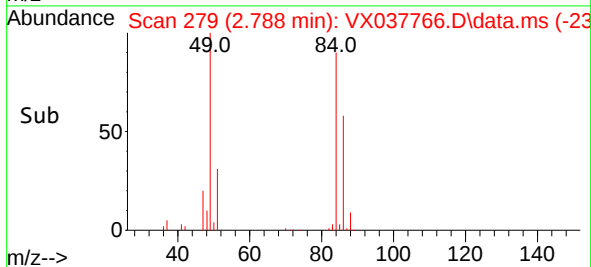
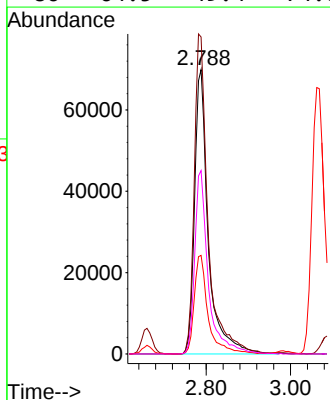
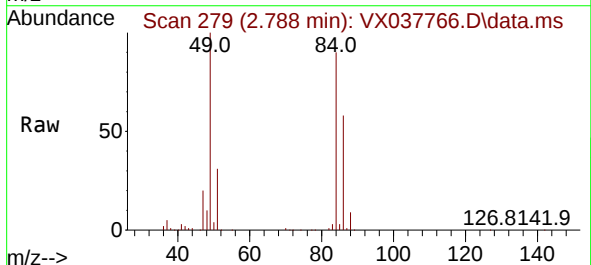
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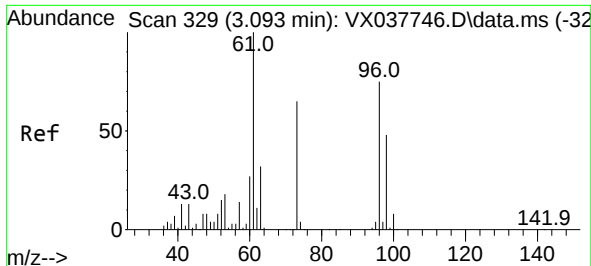
Reviewed By :John Carlone 09/19/2023
Supervised By :Semsettin Yesilyurt 09/19/2023



#20
Methylene Chloride
Concen: 49.926 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX037766.D
Acq: 18 Sep 2023 10:05

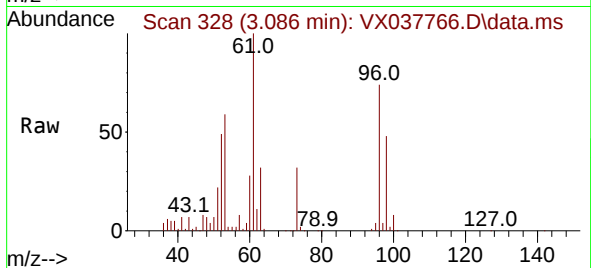
Tgt Ion: 84 Resp: 158420
Ion Ratio Lower Upper
84 100
49 111.5 103.6 155.4
51 34.7 33.8 50.6
86 64.5 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 49.049 ug/l
RT: 3.086 min Scan# 311
Delta R.T. -0.007 min
Lab File: VX037766.D
Acq: 18 Sep 2023 10:05

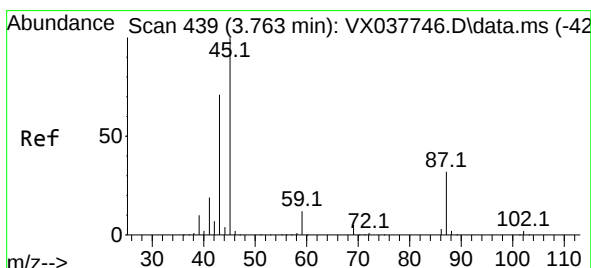
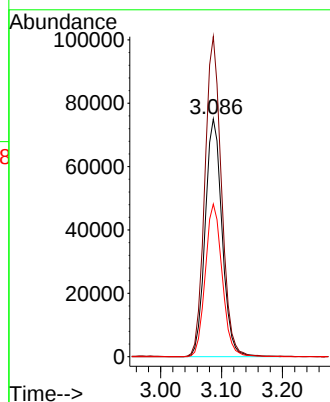
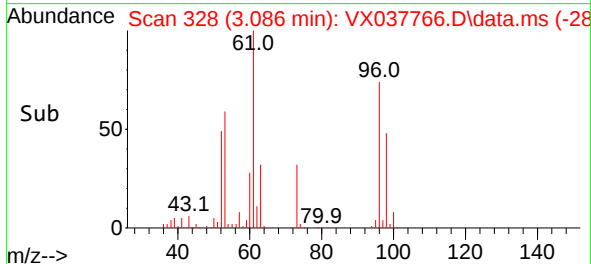
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 144288
Ion Ratio Lower Upper
96 100
61 134.6 119.2 178.8
98 64.2 48.7 73.1

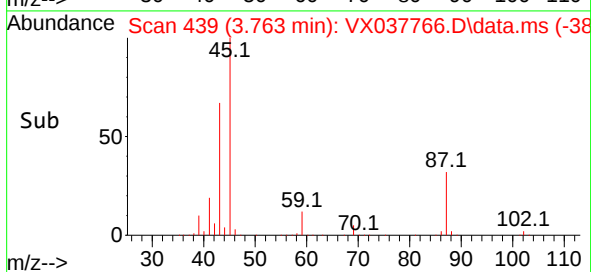
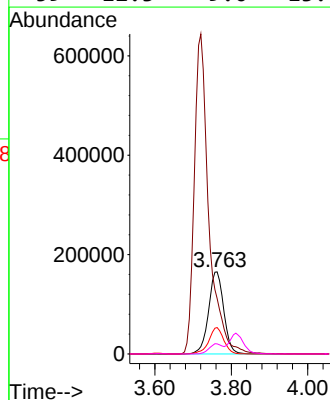
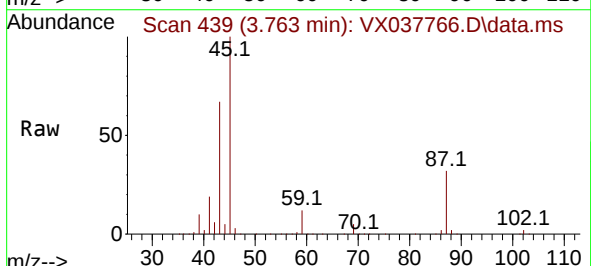
Manual Integrations
APPROVED

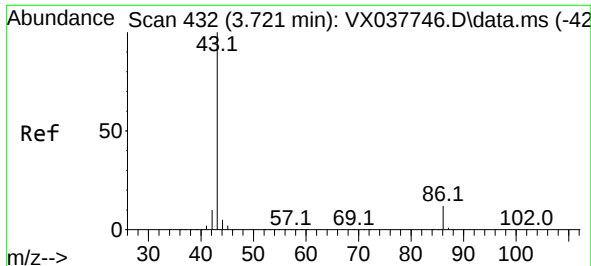
Reviewed By :John Carlone 09/19/2023
Supervised By :Semsettin Yesilyurt 09/19/2023



#22
Diisopropyl ether
Concen: 49.489 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX037766.D
Acq: 18 Sep 2023 10:05

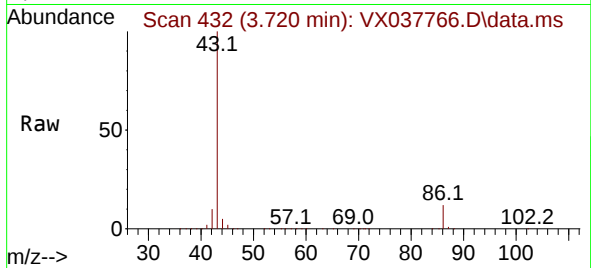
Tgt Ion: 45 Resp: 454842
Ion Ratio Lower Upper
45 100
43 67.2 69.7 104.5#
87 32.1 20.8 31.2#
59 12.3 9.0 13.4





#23
 Vinyl Acetate
 Concen: 252.376 ug/l
 RT: 3.720 min Scan# 41
 Delta R.T. -0.007 min
 Lab File: VX037766.D
 Acq: 18 Sep 2023 10:05

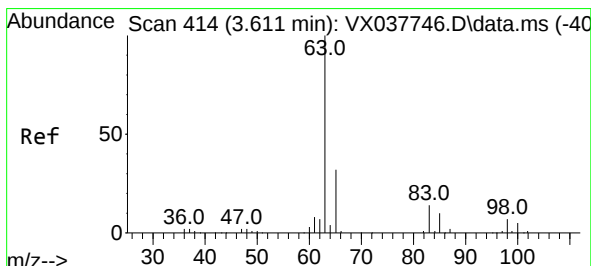
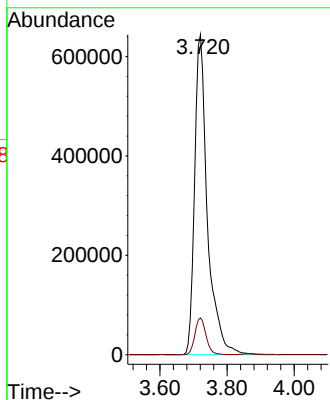
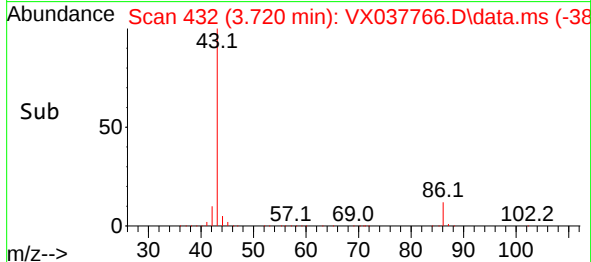
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



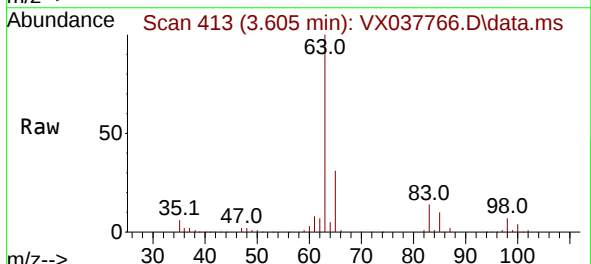
Tgt Ion: 43 Resp: 170614
 Ion Ratio Lower Upper
 43 100
 86 11.5 7.8 11.8

Manual Integrations
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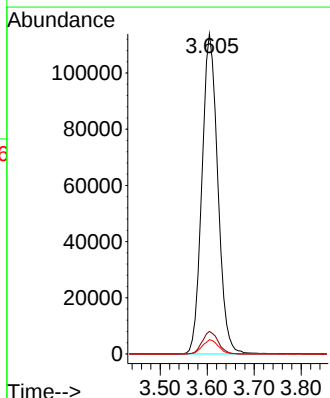
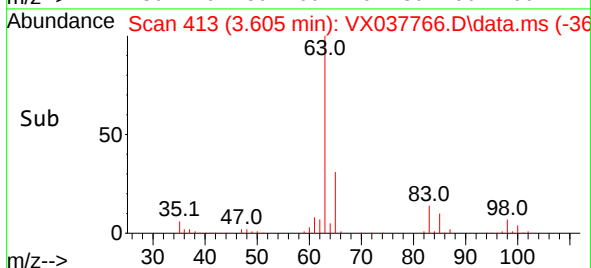
Reviewed By :John Carlone 09/19/2023
 Supervised By :Semsettin Yesilyurt 09/19/2023

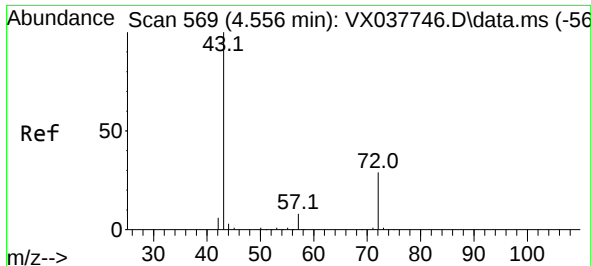


#24
 1,1-Dichloroethane
 Concen: 48.426 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.007 min
 Lab File: VX037766.D
 Acq: 18 Sep 2023 10:05



Tgt Ion: 63 Resp: 266706
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.3 9.8
 100 4.4 2.1 6.5





#25

2-Butanone

Concen: 258.787 ug/l

RT: 4.556 min Scan# 50

Delta R.T. -0.013 min

Lab File: VX037766.D

Acq: 18 Sep 2023 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 626784

Ion Ratio Lower Upper

43 100

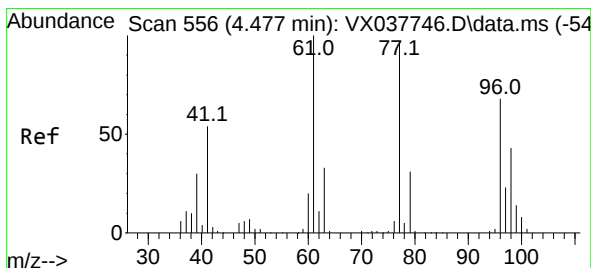
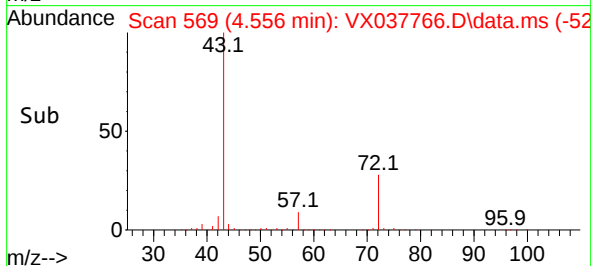
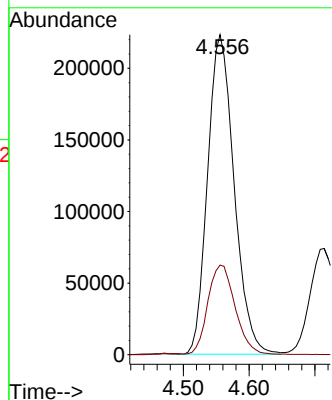
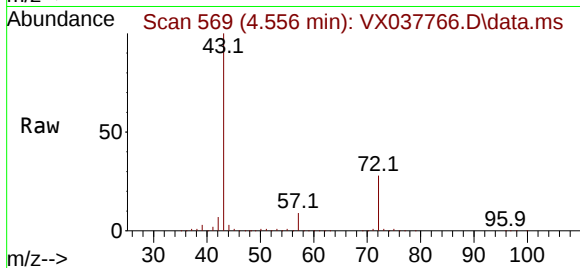
72 27.9 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/19/2023

Supervised By :Semsettin Yesilyurt 09/19/2023



#26

2,2-Dichloropropane

Concen: 53.913 ug/l

RT: 4.470 min Scan# 555

Delta R.T. -0.007 min

Lab File: VX037766.D

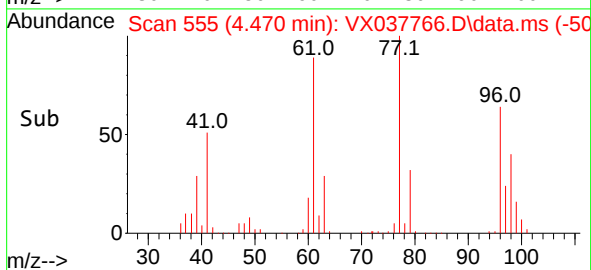
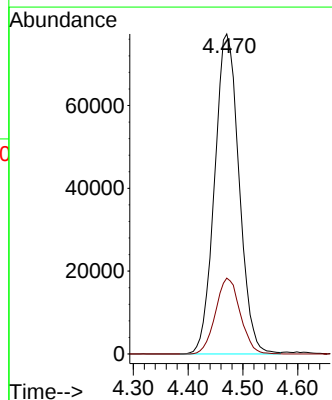
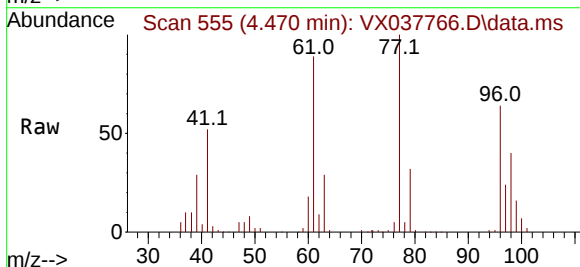
Acq: 18 Sep 2023 10:05

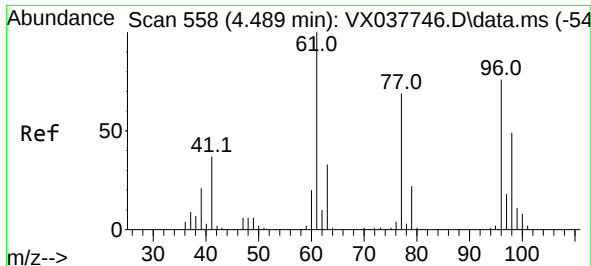
Tgt Ion: 77 Resp: 239923

Ion Ratio Lower Upper

77 100

97 23.8 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 49.257 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.007 min

Lab File: VX037766.D

Acq: 18 Sep 2023 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 177644

Ion Ratio Lower Upper

96 100

61 137.0 0.0 312.2

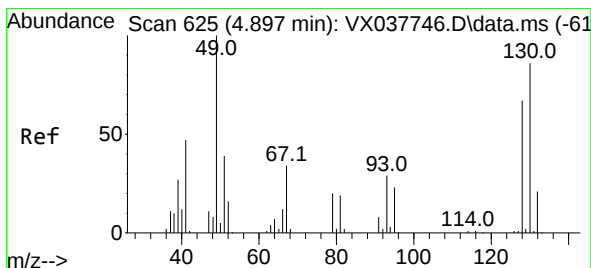
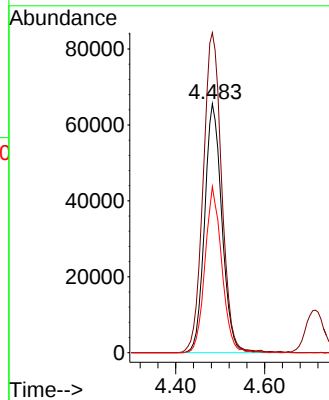
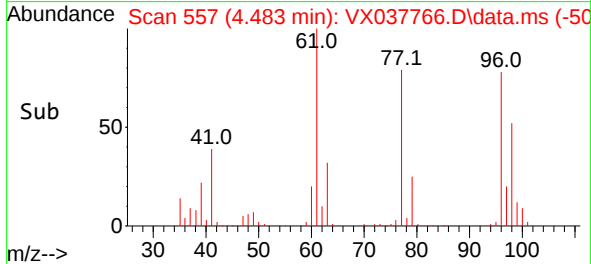
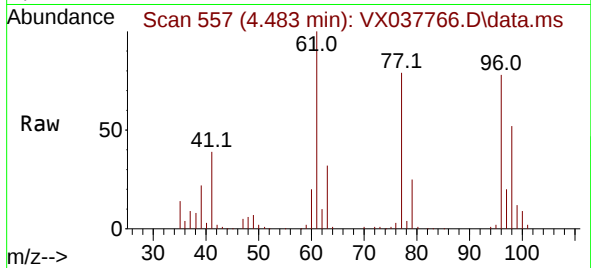
98 64.8 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/19/2023

Supervised By :Semsettin Yesilyurt 09/19/2023



#28

Bromochloromethane

Concen: 40.162 ug/l

RT: 4.897 min Scan# 625

Delta R.T. -0.007 min

Lab File: VX037766.D

Acq: 18 Sep 2023 10:05

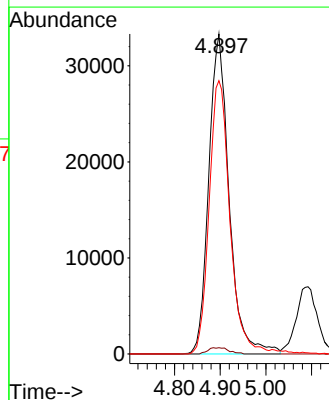
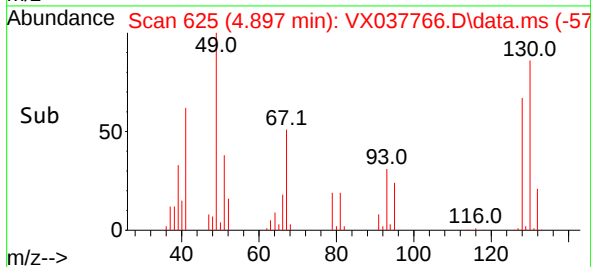
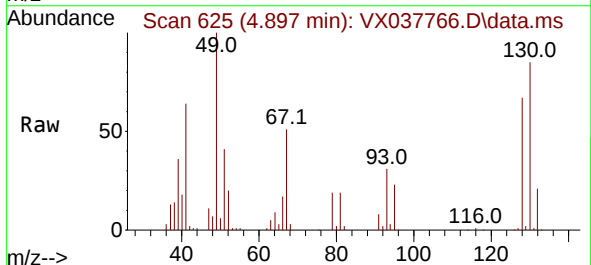
Tgt Ion: 49 Resp: 103190

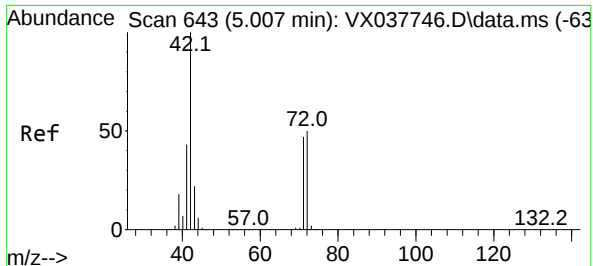
Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.8

130 86.8 57.5 86.3#





#29

Tetrahydrofuran

Concen: 235.625 ug/l

RT: 5.001 min Scan# 64

Delta R.T. -0.013 min

Lab File: VX037766.D

Acq: 18 Sep 2023 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 35497

Ion Ratio Lower Upper

42 100

72 49.6 34.2 51.4

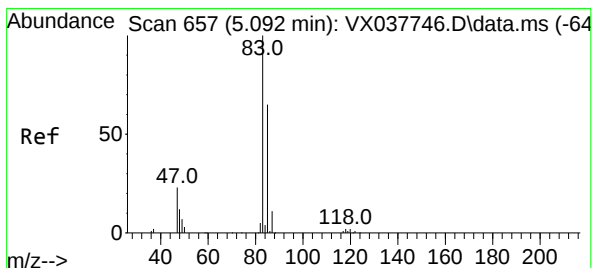
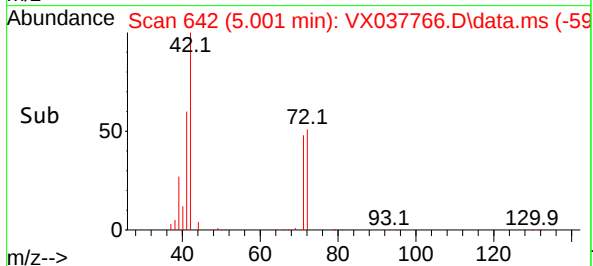
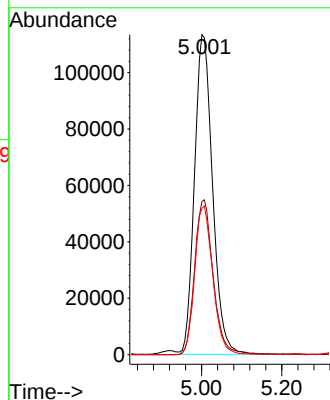
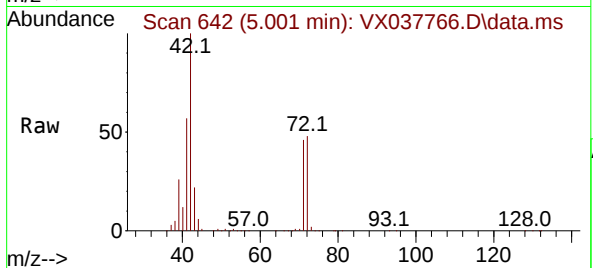
71 46.5 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/19/2023

Supervised By :Semsettin Yesilyurt 09/19/2023



#30

Chloroform

Concen: 48.687 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.007 min

Lab File: VX037766.D

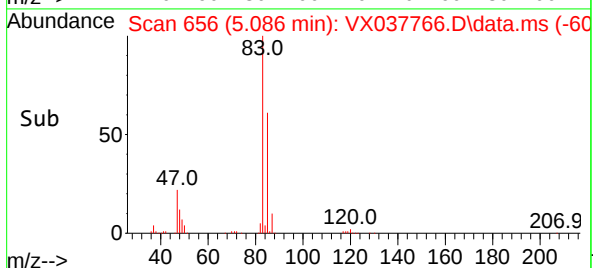
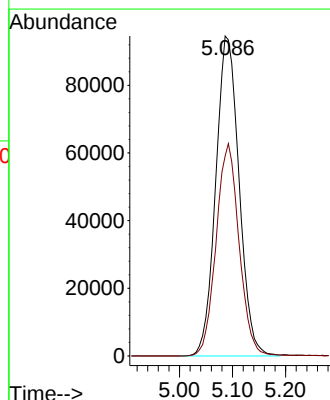
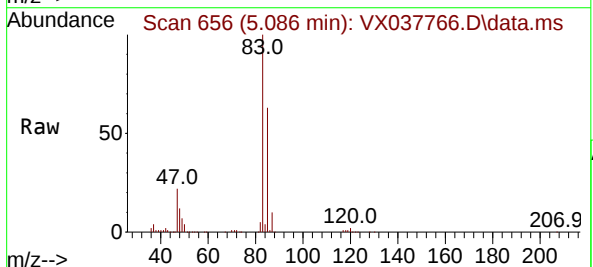
Acq: 18 Sep 2023 10:05

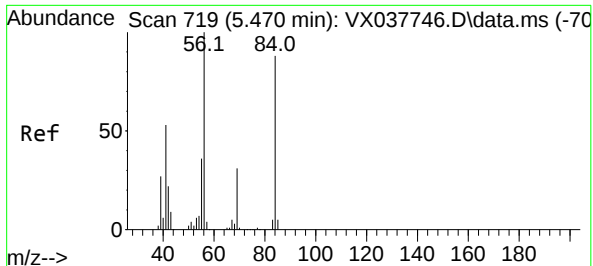
Tgt Ion: 83 Resp: 288862

Ion Ratio Lower Upper

83 100

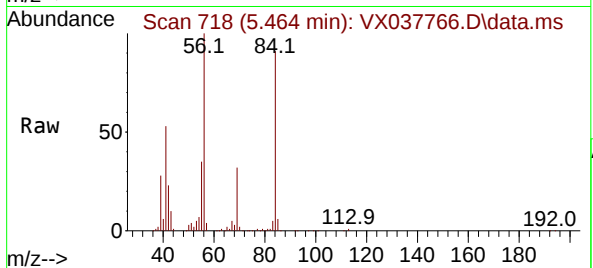
85 62.5 50.3 75.5





#31
Cyclohexane
Concen: 51.287 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX037766.D
Acq: 18 Sep 2023 10:05

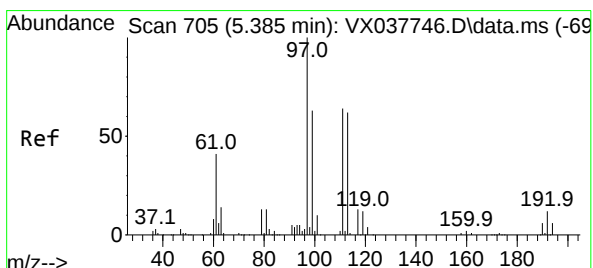
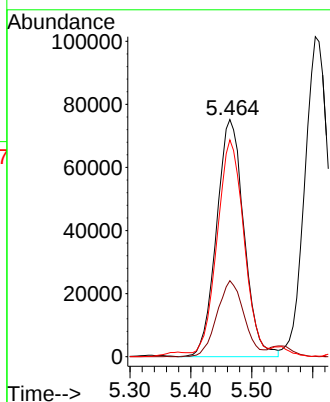
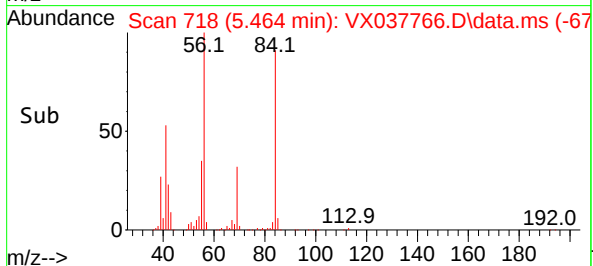
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 23485
Ion Ratio Lower Upper
56 100
69 32.1 23.4 35.2
84 89.5 65.9 98.9

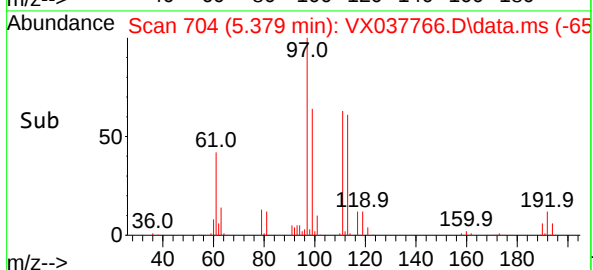
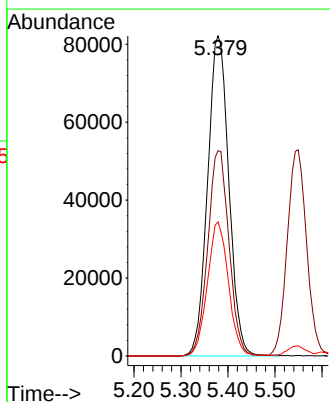
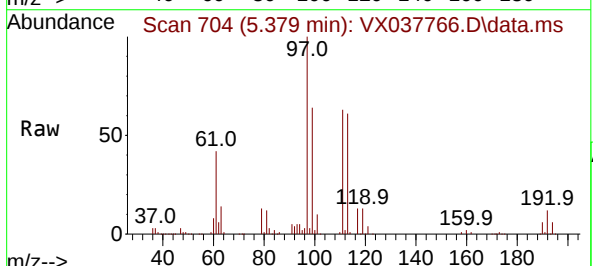
Manual Integrations
APPROVED

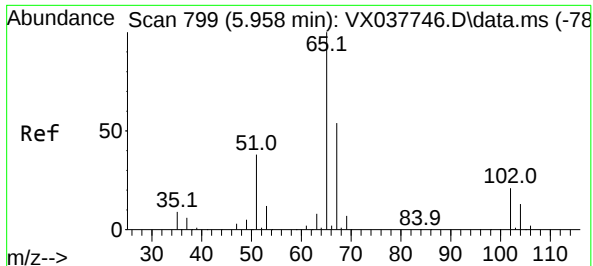
Reviewed By :John Carlone 09/19/2023
Supervised By :Semsettin Yesilyurt 09/19/2023



#32
1,1,1-Trichloroethane
Concen: 51.256 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX037766.D
Acq: 18 Sep 2023 10:05

Tgt Ion: 97 Resp: 257491
Ion Ratio Lower Upper
97 100
99 64.1 51.1 76.7
61 41.6 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 48.860 ug/l

RT: 5.952 min Scan# 79

Delta R.T. -0.006 min

Lab File: VX037766.D

Acq: 18 Sep 2023 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 17432

Ion Ratio Lower Upper

65 100

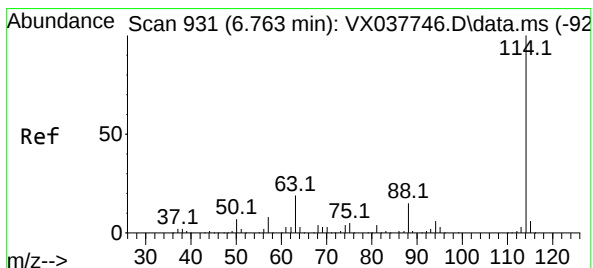
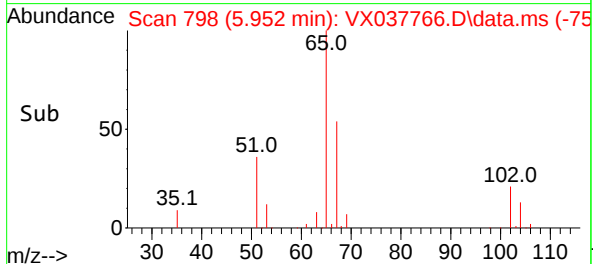
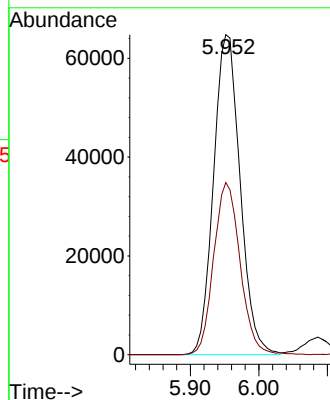
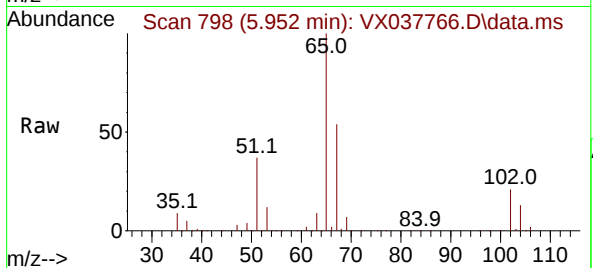
67 53.6 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/19/2023

Supervised By :Semsettin Yesilyurt 09/19/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.007 min

Lab File: VX037766.D

Acq: 18 Sep 2023 10:05

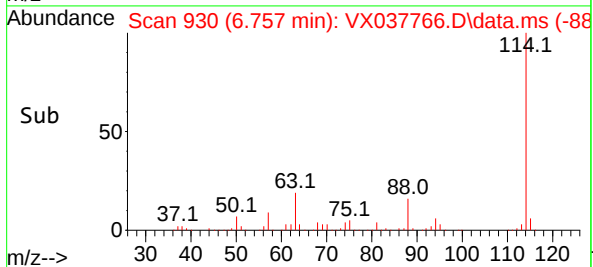
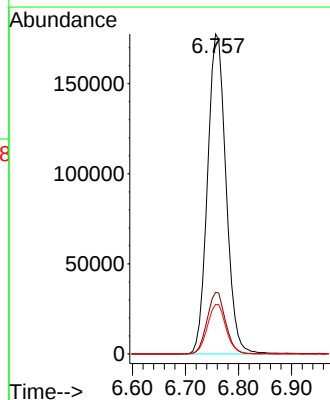
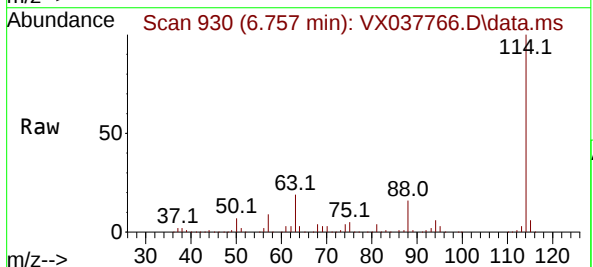
Tgt Ion:114 Resp: 430356

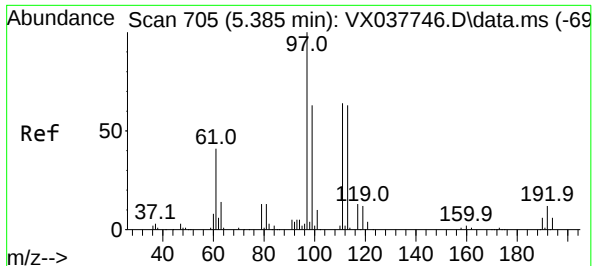
Ion Ratio Lower Upper

114 100

63 19.2 0.0 45.0

88 15.5 0.0 36.6





#35

Dibromofluoromethane

Concen: 52.361 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX037766.D

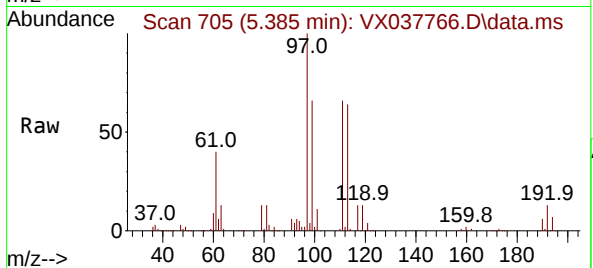
Acq: 18 Sep 2023 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



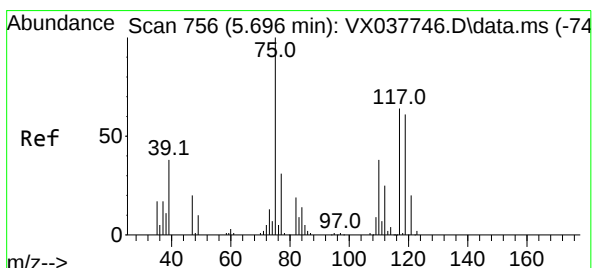
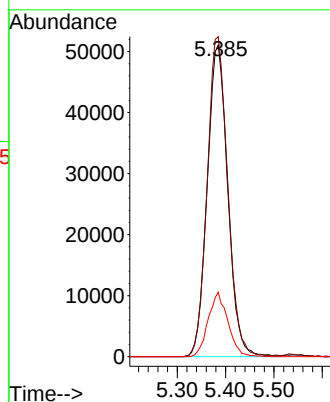
Tgt Ion:	113	Resp:	15077
Ion Ratio	Lower	Upper	
113	100		
111	102.6	82.9	124.3
192	19.8	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/19/2023

Supervised By :Semsettin Yesilyurt 09/19/2023



#36

1,1-Dichloropropene

Concen: 51.460 ug/l

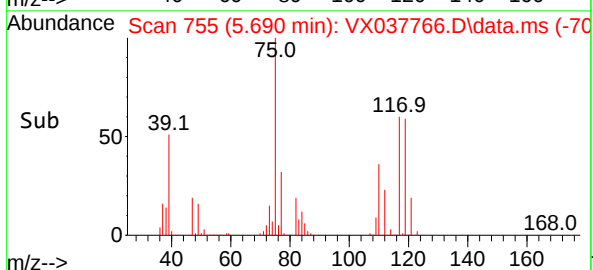
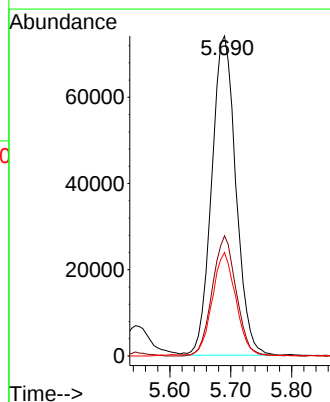
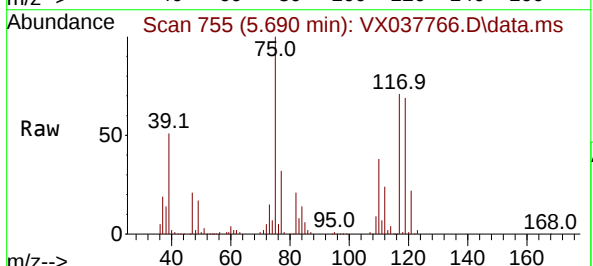
RT: 5.690 min Scan# 755

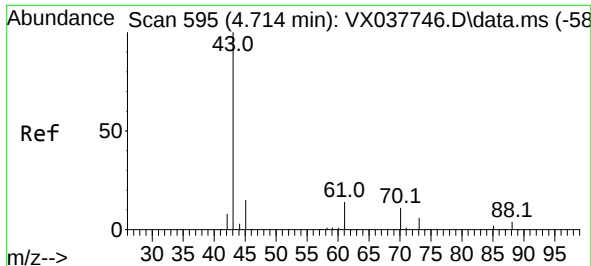
Delta R.T. -0.007 min

Lab File: VX037766.D

Acq: 18 Sep 2023 10:05

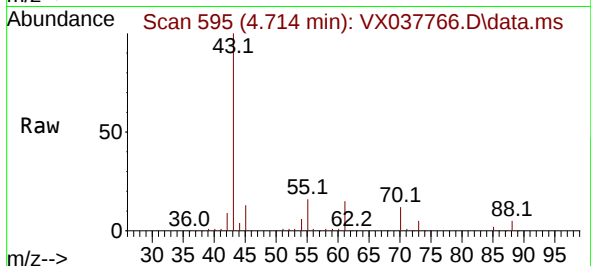
Tgt Ion:	75	Resp:	204125
Ion Ratio	Lower	Upper	
75	100		
110	37.3	17.0	50.9
77	31.8	24.7	37.1





#37
Ethyl Acetate
Concen: 50.366 ug/l
RT: 4.714 min Scan# 595
Delta R.T. -0.019 min
Lab File: VX037766.D
Acq: 18 Sep 2023 10:05

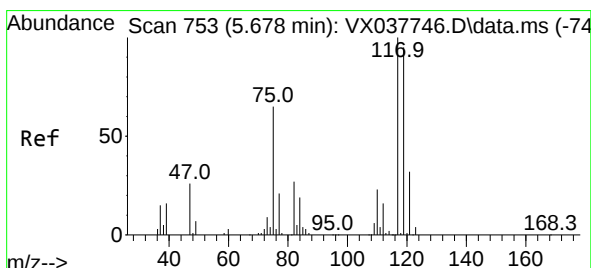
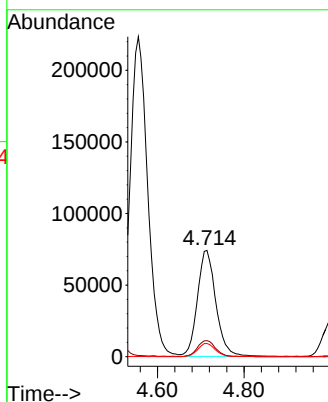
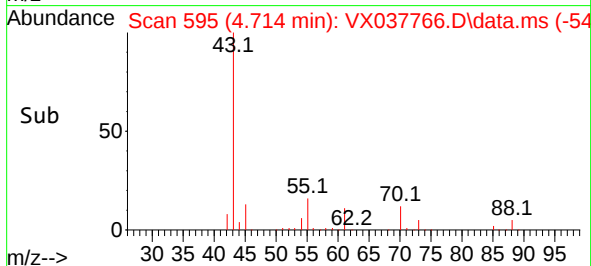
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 21963
Ion Ratio Lower Upper
43 100
61 14.6 10.6 16.0
70 11.9 8.3 12.5

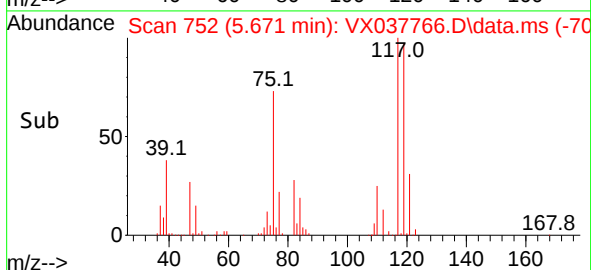
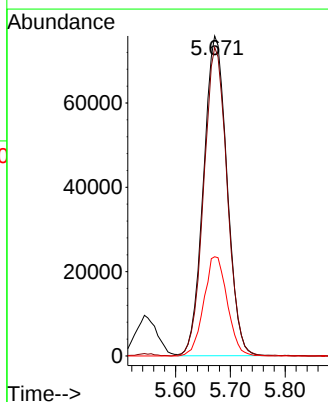
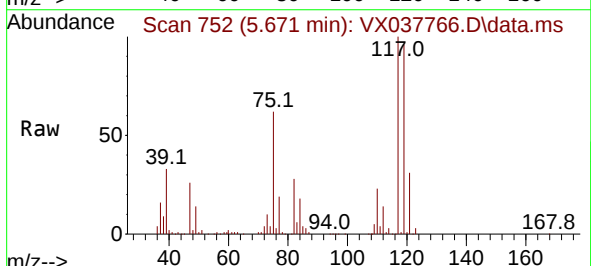
Manual Integrations
APPROVED

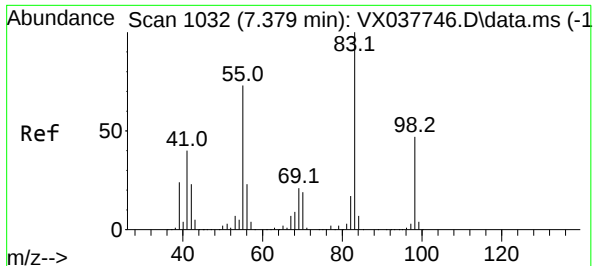
Reviewed By :John Carlone 09/19/2023
Supervised By :Semsettin Yesilyurt 09/19/2023



#38
Carbon Tetrachloride
Concen: 54.401 ug/l
RT: 5.671 min Scan# 752
Delta R.T. -0.007 min
Lab File: VX037766.D
Acq: 18 Sep 2023 10:05

Tgt Ion:117 Resp: 225784
Ion Ratio Lower Upper
117 100
119 96.3 78.2 117.2
121 31.0 24.4 36.6





#39

Methylcyclohexane

Concen: 53.731 ug/l

RT: 7.378 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX037766.D

Acq: 18 Sep 2023 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 27050

Ion Ratio Lower Upper

83 100

55 72.4 64.6 97.0

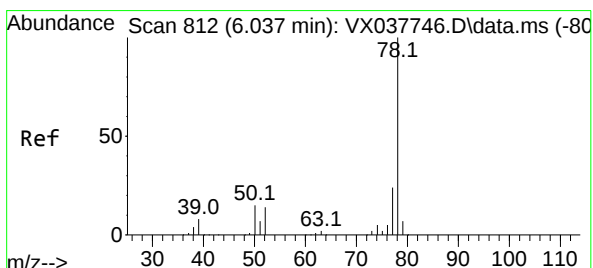
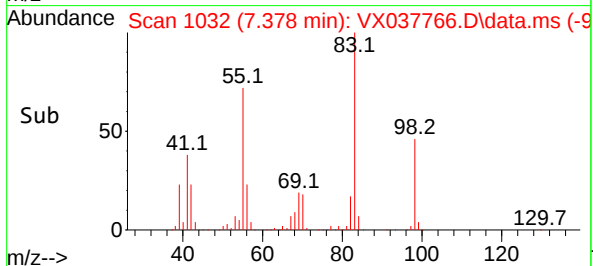
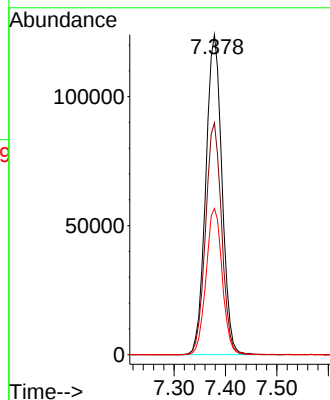
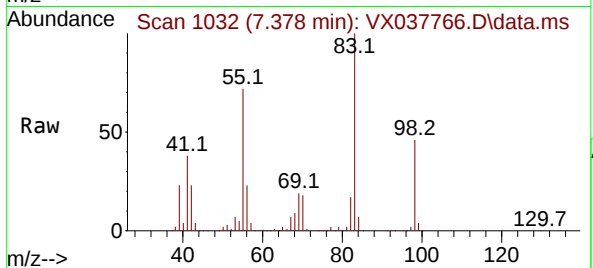
98 45.7 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/19/2023

Supervised By :Semsettin Yesilyurt 09/19/2023



#40

Benzene

Concen: 51.019 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.007 min

Lab File: VX037766.D

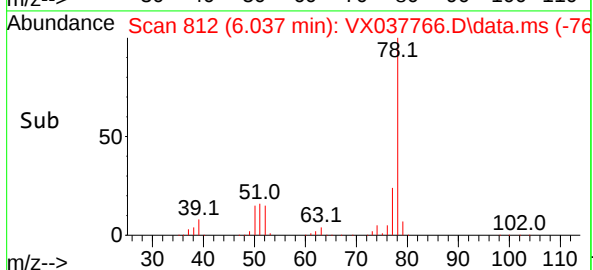
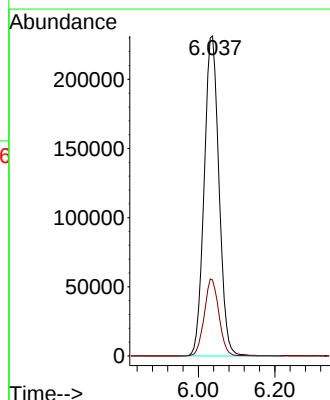
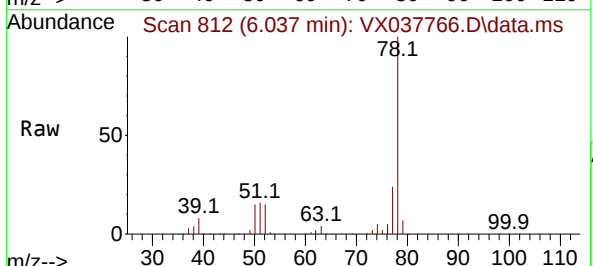
Acq: 18 Sep 2023 10:05

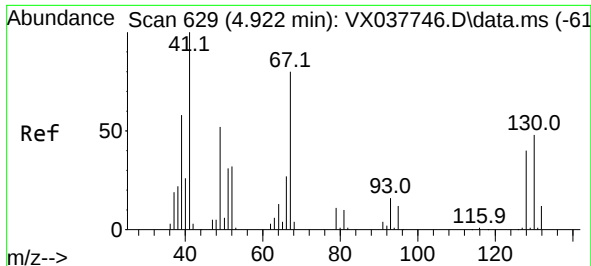
Tgt Ion: 78 Resp: 622334

Ion Ratio Lower Upper

78 100

77 23.8 19.3 28.9





#41
Methacrylonitrile
Concen: 51.443 ug/l
RT: 4.915 min Scan# 61
Delta R.T. -0.031 min
Lab File: VX037766.D
Acq: 18 Sep 2023 10:05

Instrument :

MSVOA_X

ClientSampleId :

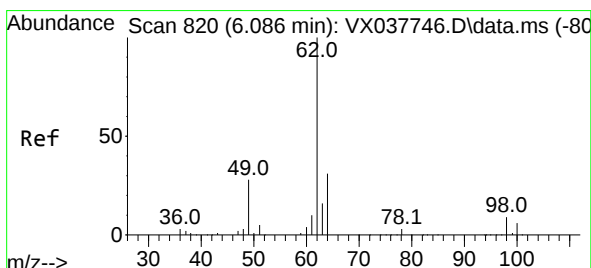
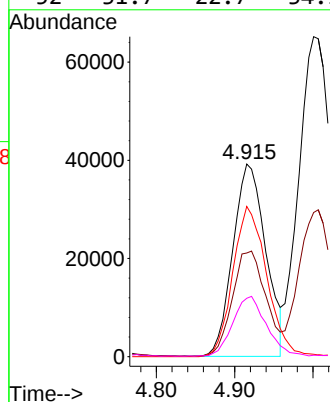
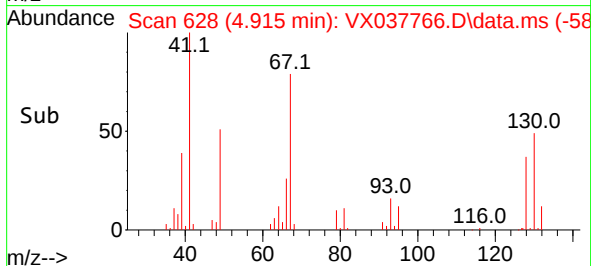
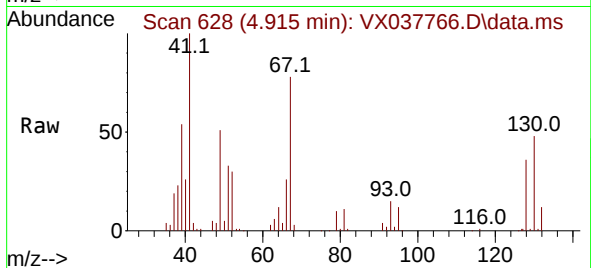
VSTDCCC050

Tgt Ion: 41 Resp: 11438
Ion Ratio Lower Upper
41 100
39 55.7 45.2 67.8
67 80.9 52.6 78.8
52 31.7 22.7 34.1

Manual Integrations

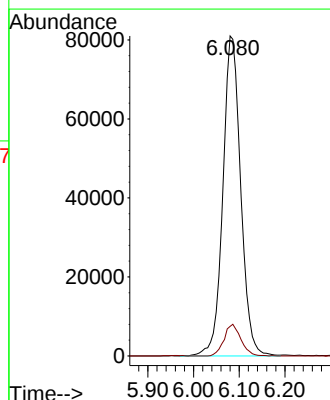
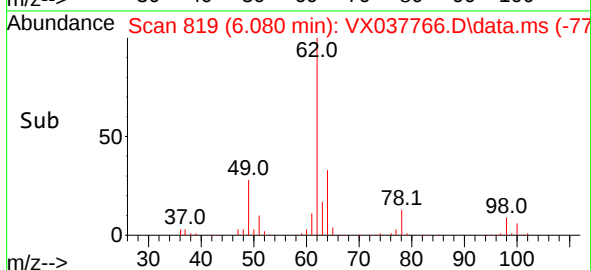
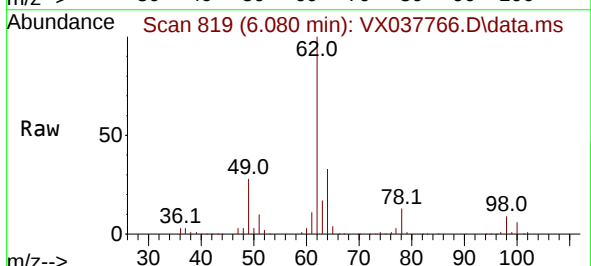
APPROVED

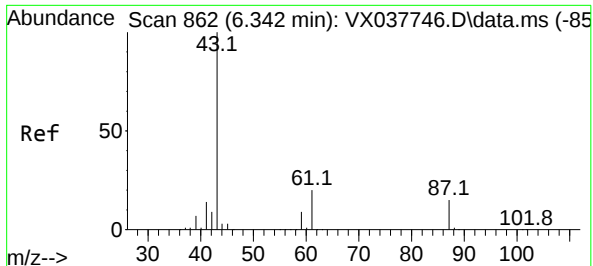
Reviewed By :John Carlone 09/19/2023
Supervised By :Semsettin Yesilyurt 09/19/2023



#42
1,2-Dichloroethane
Concen: 49.828 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.019 min
Lab File: VX037766.D
Acq: 18 Sep 2023 10:05

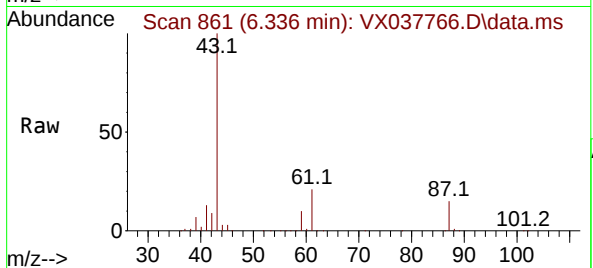
Tgt Ion: 62 Resp: 219683
Ion Ratio Lower Upper
62 100
98 9.4 0.0 16.0





#43
Isopropyl Acetate
Concen: 51.884 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.007 min
Lab File: VX037766.D
Acq: 18 Sep 2023 10:05

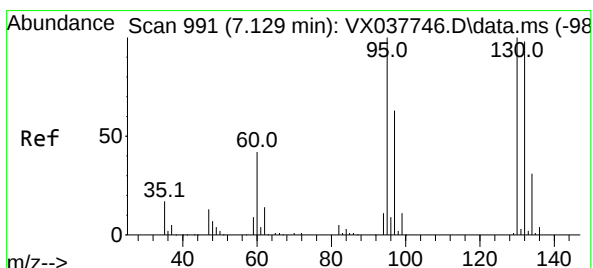
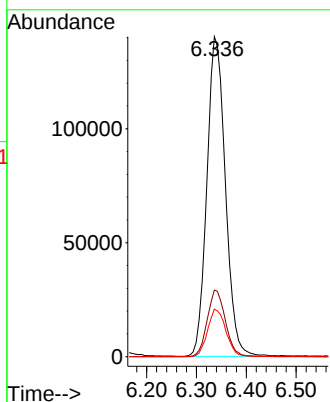
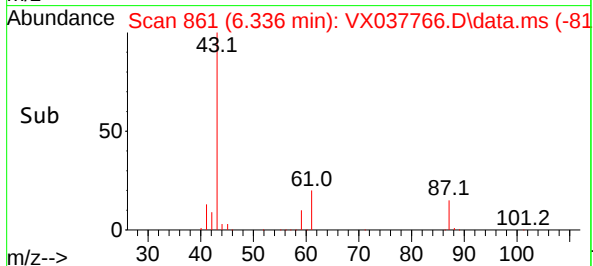
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 36178
Ion Ratio Lower Upper
43 100
61 20.5 15.2 22.8
87 14.8 9.8 14.6

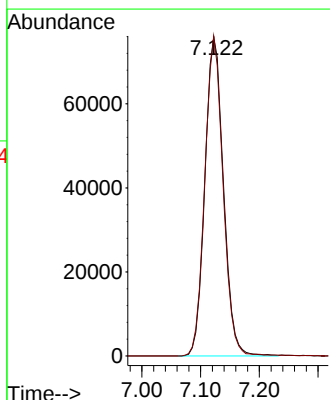
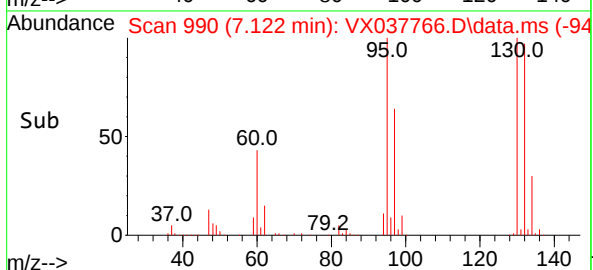
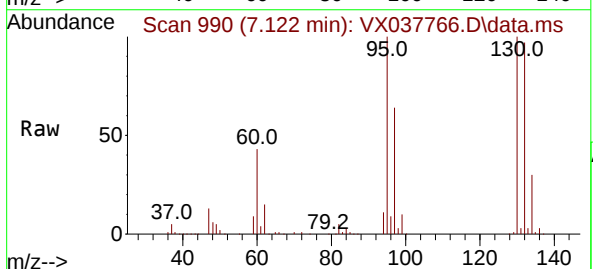
Manual Integrations
APPROVED

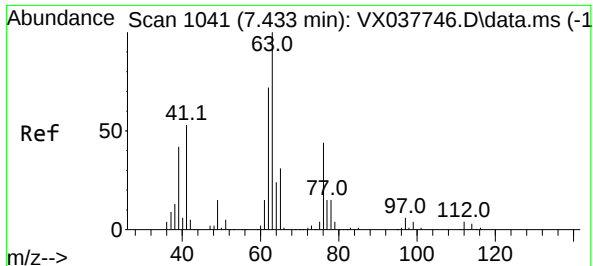
Reviewed By :John Carlone 09/19/2023
Supervised By :Semsettin Yesilyurt 09/19/2023



#44
Trichloroethene
Concen: 49.067 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.013 min
Lab File: VX037766.D
Acq: 18 Sep 2023 10:05

Tgt Ion:130 Resp: 166681
Ion Ratio Lower Upper
130 100
95 100.3 0.0 204.4





#45

1,2-Dichloropropane

Concen: 50.762 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.007 min

Lab File: VX037766.D

Acq: 18 Sep 2023 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 16080

Ion Ratio Lower Upper

63 100

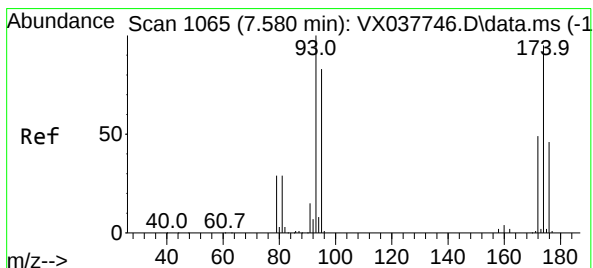
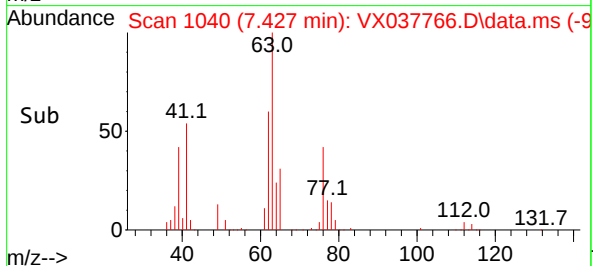
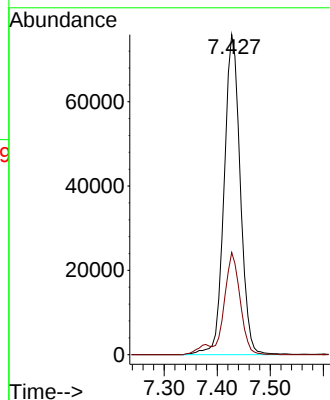
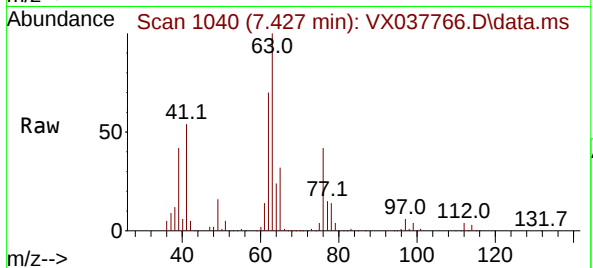
65 31.9 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/19/2023

Supervised By :Semsettin Yesilyurt 09/19/2023



#46

Dibromomethane

Concen: 51.421 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX037766.D

Acq: 18 Sep 2023 10:05

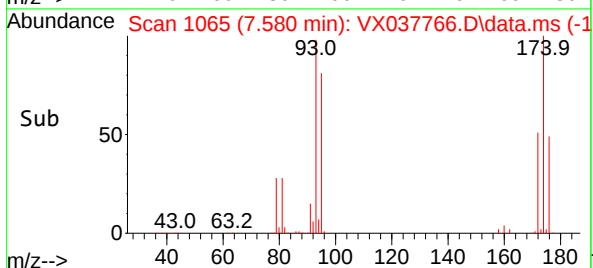
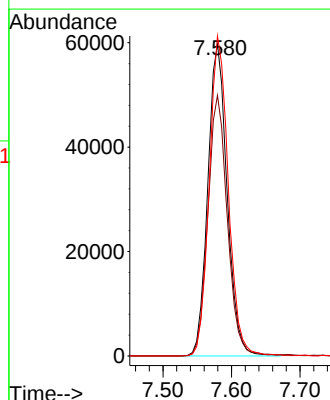
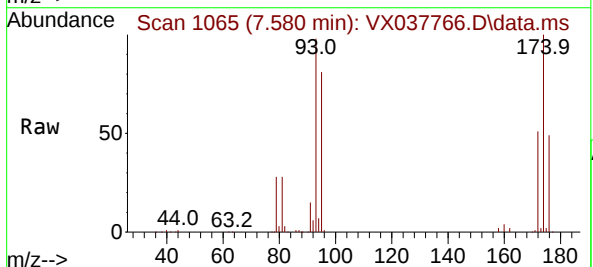
Tgt Ion: 93 Resp: 117174

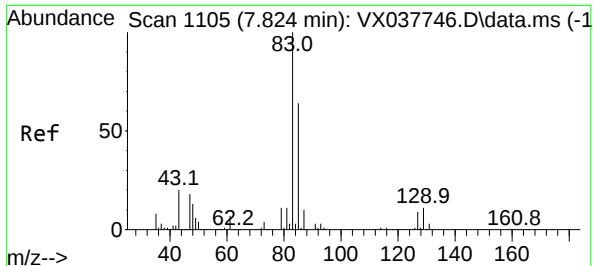
Ion Ratio Lower Upper

93 100

95 84.3 66.6 100.0

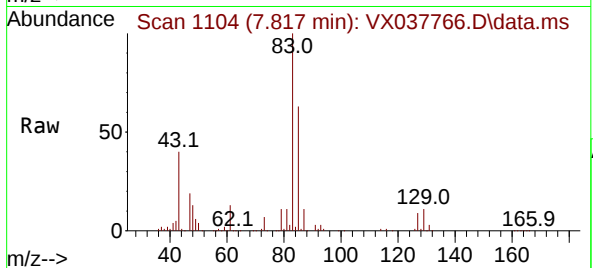
174 101.6 69.4 104.0





#47
Bromodichloromethane
Concen: 53.314 ug/l
RT: 7.817 min Scan# 1104
Delta R.T. -0.007 min
Lab File: VX037766.D
Acq: 18 Sep 2023 10:05

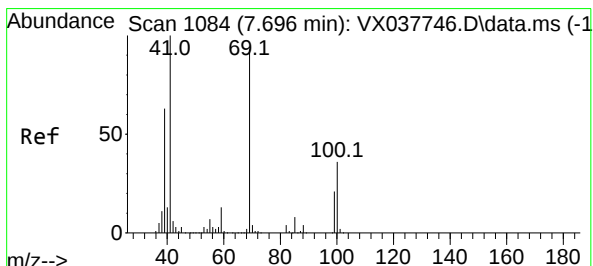
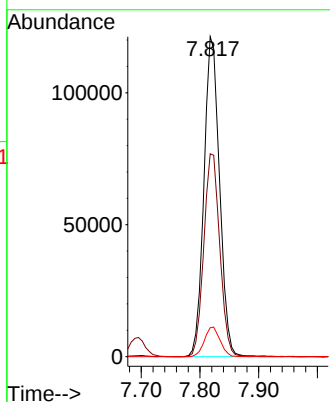
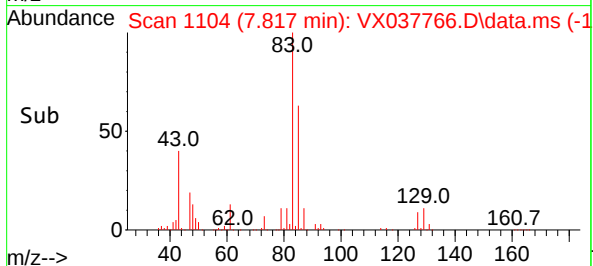
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 223744
Ion Ratio Lower Upper
83 100
85 63.4 49.8 74.6
127 9.0 7.1 10.7

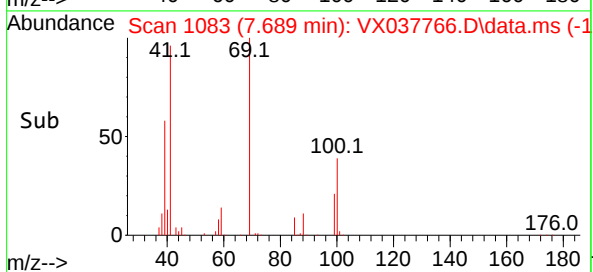
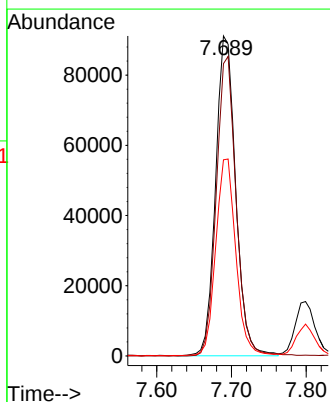
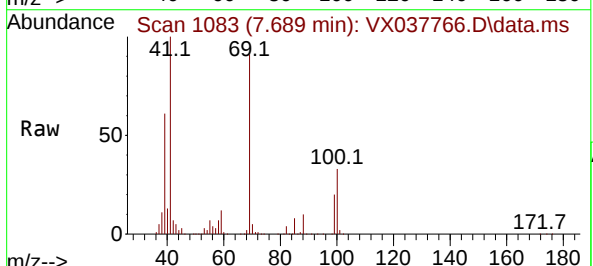
Manual Integrations
APPROVED

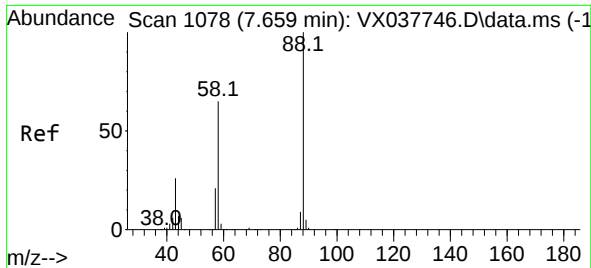
Reviewed By :John Carlone 09/19/2023
Supervised By :Semsettin Yesilyurt 09/19/2023



#48
Methyl methacrylate
Concen: 51.136 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.013 min
Lab File: VX037766.D
Acq: 18 Sep 2023 10:05

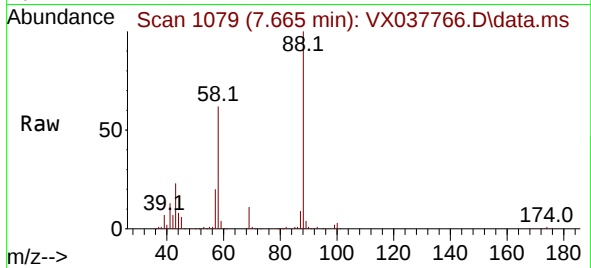
Tgt Ion: 41 Resp: 170455
Ion Ratio Lower Upper
41 100
69 92.6 59.2 88.8#
39 61.5 47.7 71.5





#49
1,4-Dioxane
Concen: 1009.998 ug/l
RT: 7.665 min Scan# 1078
Delta R.T. -0.007 min
Lab File: VX037766.D
Acq: 18 Sep 2023 10:05

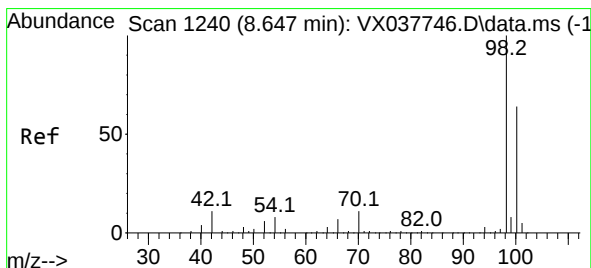
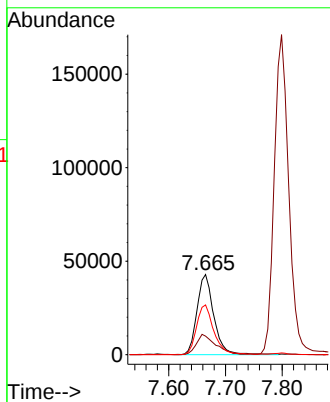
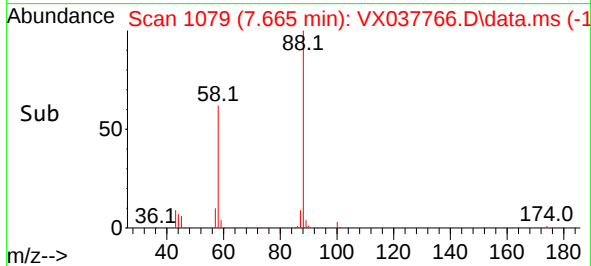
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 88263
Ion Ratio Lower Upper
88 100
43 28.2 0.0 0.0
58 63.6 60.1 90.1

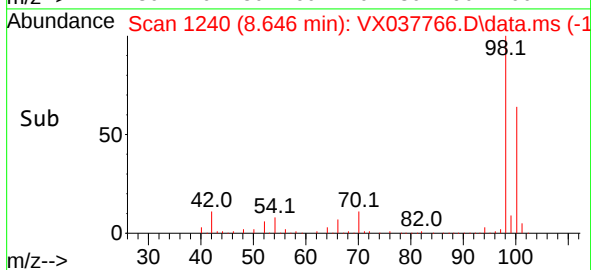
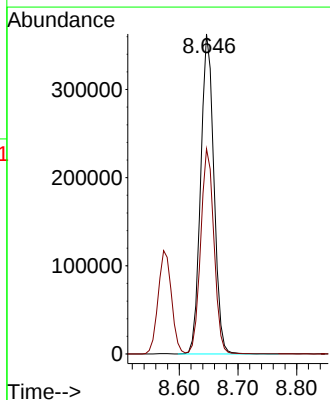
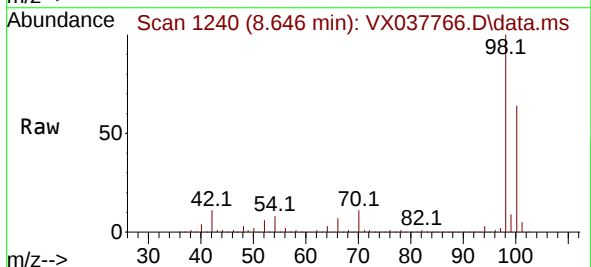
Manual Integrations
APPROVED

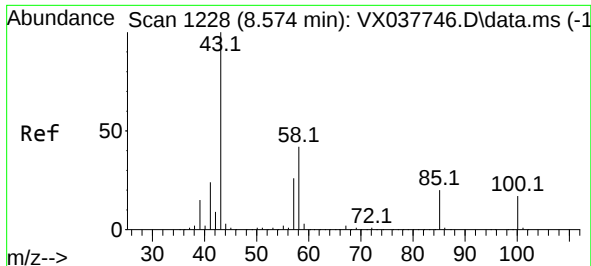
Reviewed By :John Carlone 09/19/2023
Supervised By :Semsettin Yesilyurt 09/19/2023



#50
Toluene-d8
Concen: 52.903 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX037766.D
Acq: 18 Sep 2023 10:05

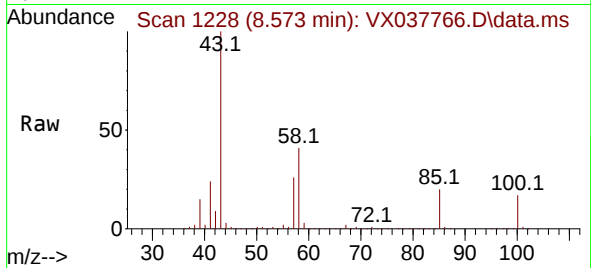
Tgt Ion: 98 Resp: 566025
Ion Ratio Lower Upper
98 100
100 64.4 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 250.606 ug/l
RT: 8.573 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037766.D
Acq: 18 Sep 2023 10:05

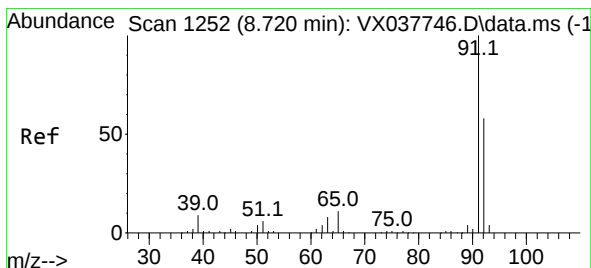
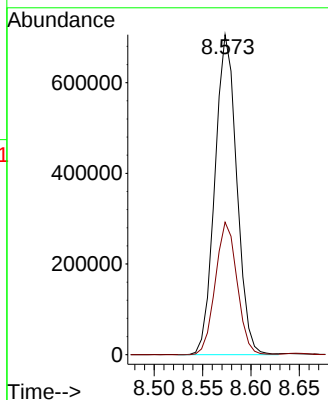
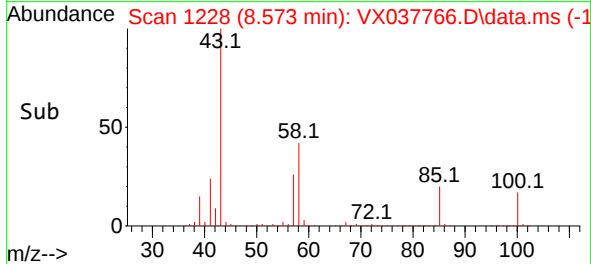
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



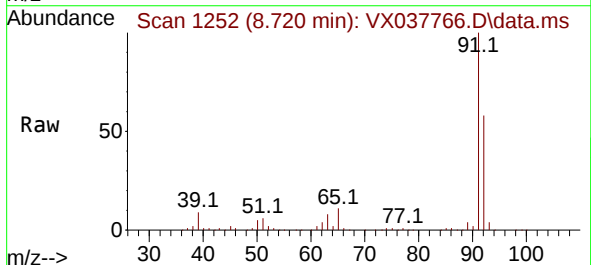
Tgt Ion: 43 Resp: 110869
Ion Ratio Lower Upper
43 100
58 41.2 30.4 45.6

Manual Integrations
APPROVED

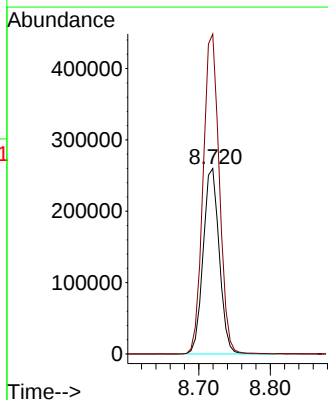
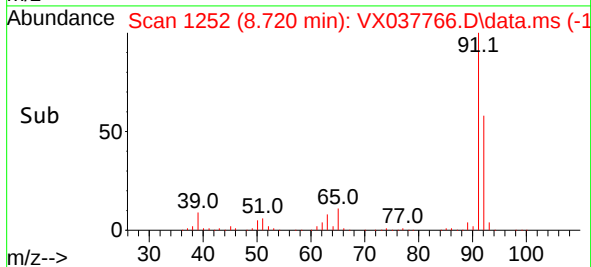
Reviewed By :John Carlone 09/19/2023
Supervised By :Semsettin Yesilyurt 09/19/2023

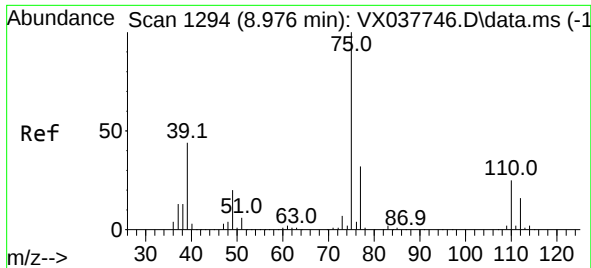


#52
Toluene
Concen: 51.691 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX037766.D
Acq: 18 Sep 2023 10:05



Tgt Ion: 92 Resp: 406363
Ion Ratio Lower Upper
92 100
91 174.1 134.2 201.2





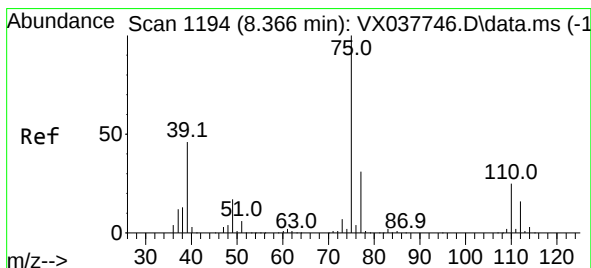
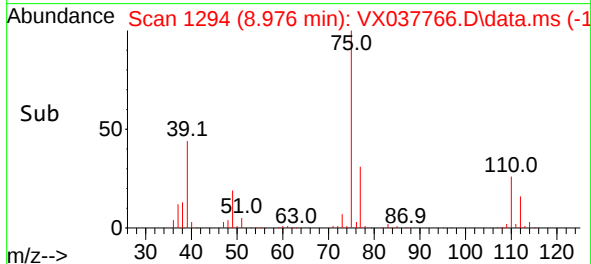
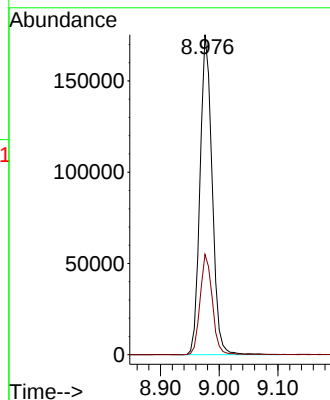
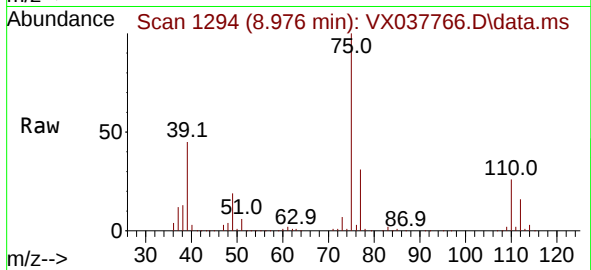
#53
 t-1,3-Dichloropropene
 Concen: 57.385 ug/l
 RT: 8.976 min Scan# 1294
 Delta R.T. -0.013 min
 Lab File: VX037766.D
 Acq: 18 Sep 2023 10:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 75 Resp: 25181
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.7 38.5

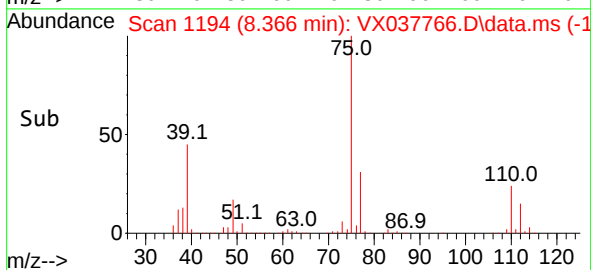
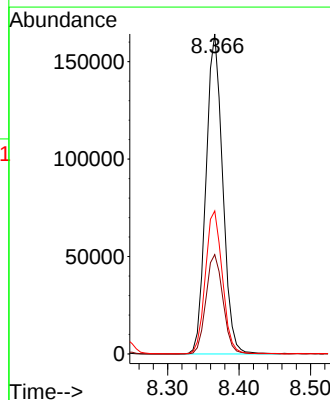
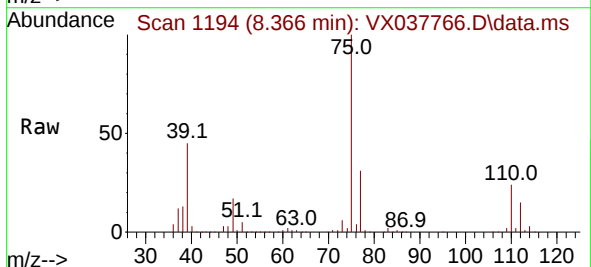
Manual Integrations
 APPROVED

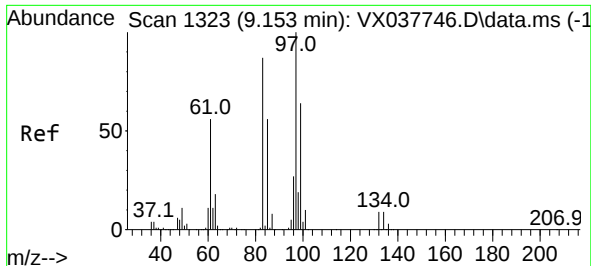
Reviewed By :John Carlone 09/19/2023
 Supervised By :Semsettin Yesilyurt 09/19/2023



#54
 cis-1,3-Dichloropropene
 Concen: 54.792 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. -0.007 min
 Lab File: VX037766.D
 Acq: 18 Sep 2023 10:05

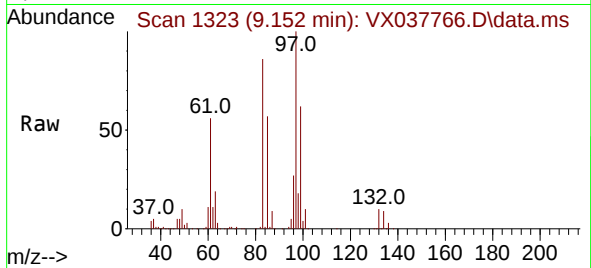
Tgt Ion: 75 Resp: 266100
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.3 37.9
 39 44.6 46.7 70.1#





#55
1,1,2-Trichloroethane
Concen: 51.091 ug/l
RT: 9.152 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX037766.D
Acq: 18 Sep 2023 10:05

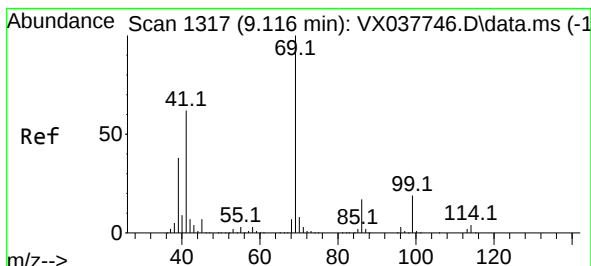
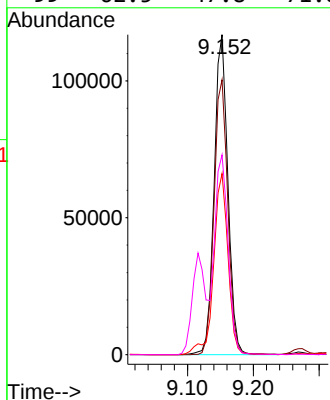
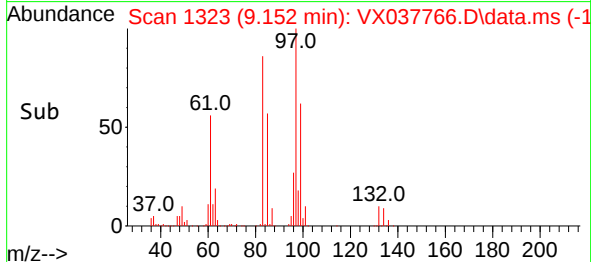
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



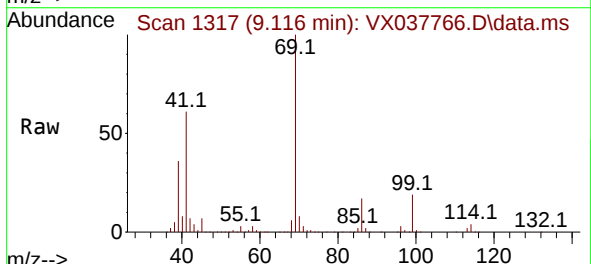
Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.9	65.8	98.8
85	56.6	41.6	62.4
99	62.5	47.8	71.8

Manual Integrations
APPROVED

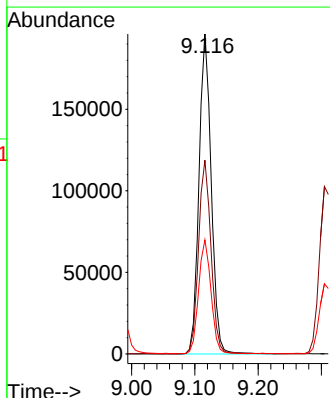
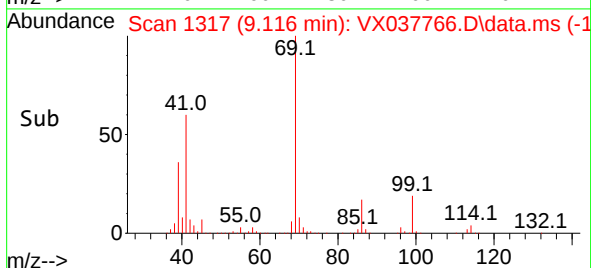
Reviewed By :John Carlone 09/19/2023
Supervised By :Semsettin Yesilyurt 09/19/2023

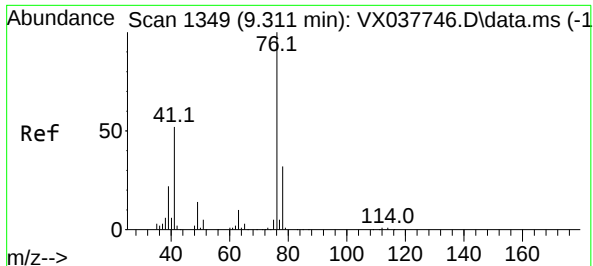


#56
Ethyl methacrylate
Concen: 53.492 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.007 min
Lab File: VX037766.D
Acq: 18 Sep 2023 10:05



Tgt Ion	Ratio	Lower	Upper
69	100		
41	61.7	56.8	85.2
39	36.2	32.0	48.0





#57

1,3-Dichloropropane

Concen: 51.410 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX037766.D

Acq: 18 Sep 2023 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 27573

Ion Ratio Lower Upper

76 100

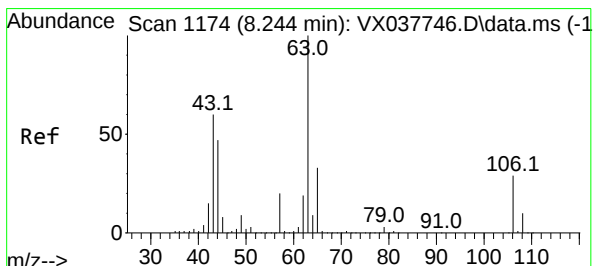
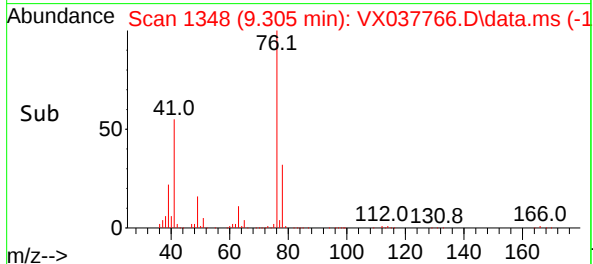
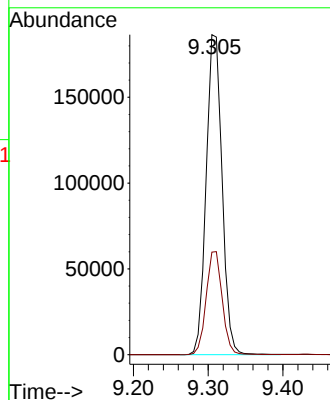
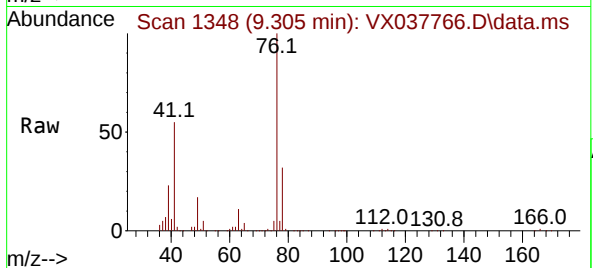
78 32.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/19/2023

Supervised By :Semsettin Yesilyurt 09/19/2023



#58

2-Chloroethyl Vinyl ether

Concen: 255.929 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.007 min

Lab File: VX037766.D

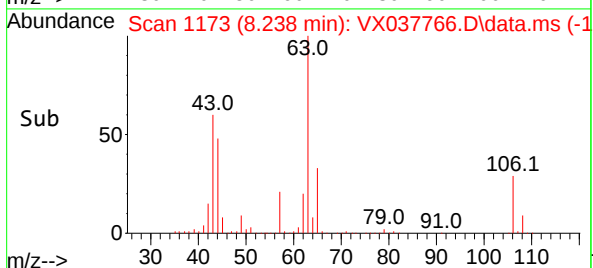
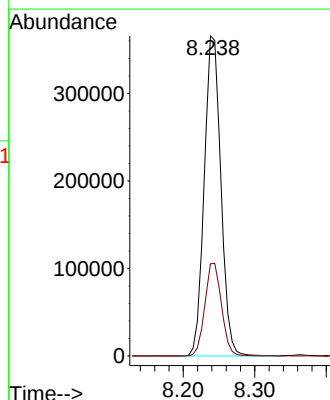
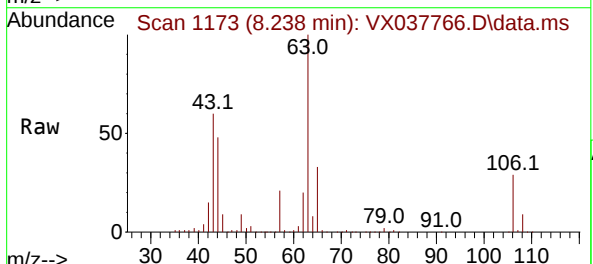
Acq: 18 Sep 2023 10:05

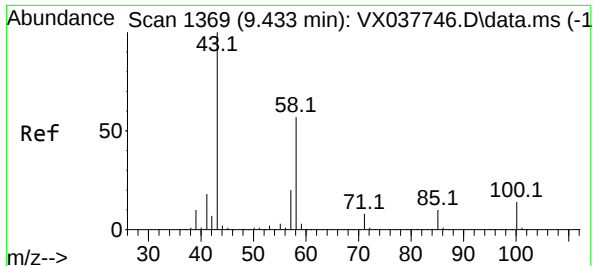
Tgt Ion: 63 Resp: 591330

Ion Ratio Lower Upper

63 100

106 29.0 22.5 33.7





#59

2-Hexanone

Concen: 265.159 ug/l

RT: 9.433 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX037766.D

Acq: 18 Sep 2023 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 91336

Ion Ratio Lower Upper

43 100

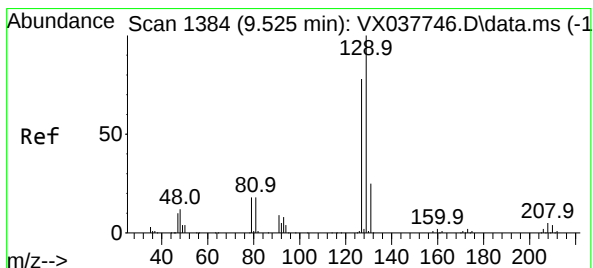
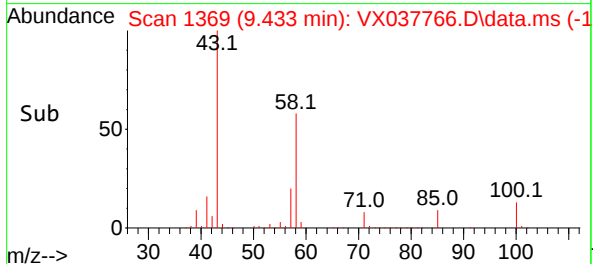
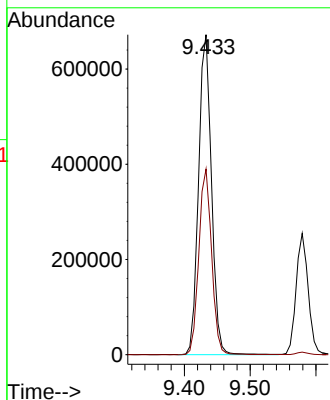
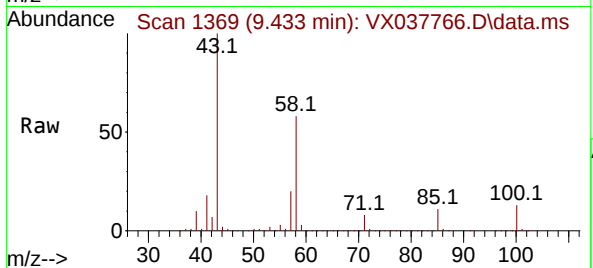
58 57.7 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/19/2023

Supervised By :Semsettin Yesilyurt 09/19/2023



#60

Dibromochloromethane

Concen: 55.899 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX037766.D

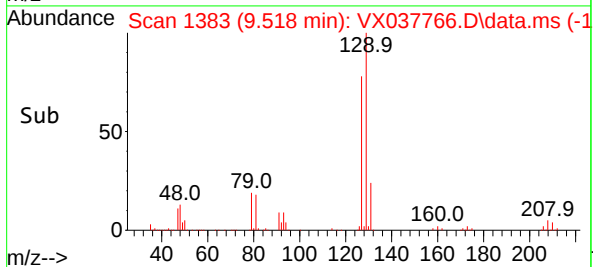
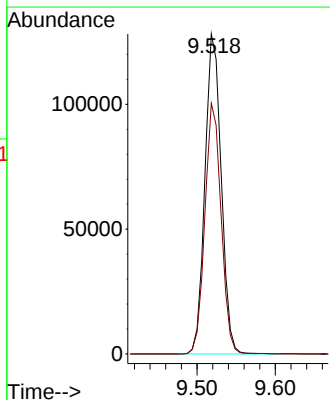
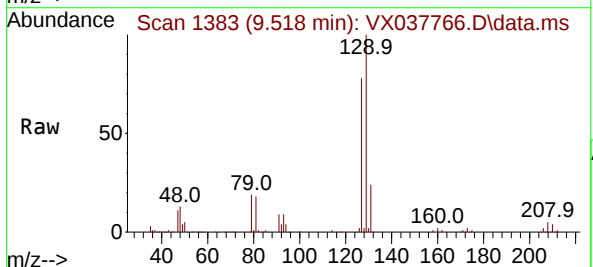
Acq: 18 Sep 2023 10:05

Tgt Ion:129 Resp: 184570

Ion Ratio Lower Upper

129 100

127 78.3 38.8 116.4





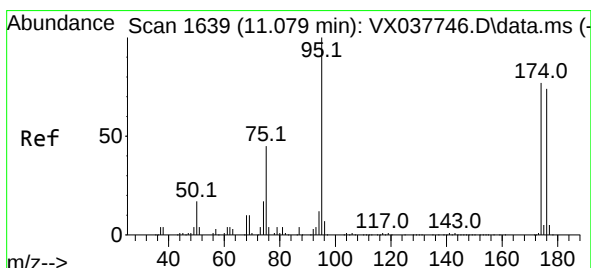
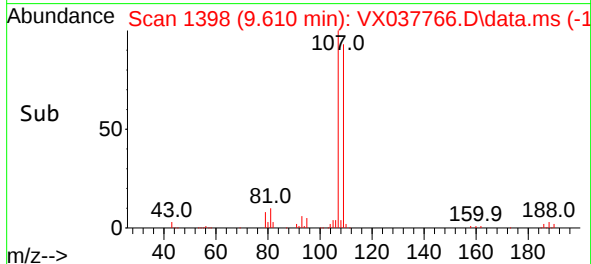
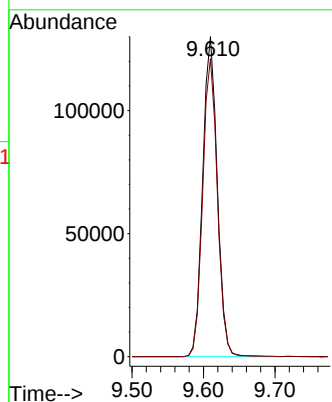
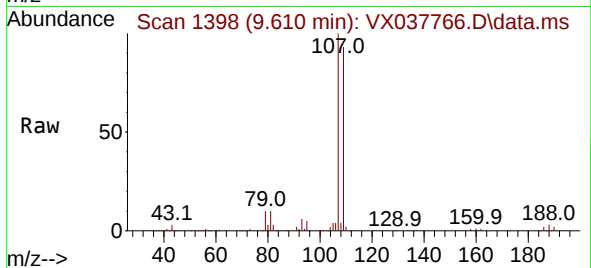
#61
1,2-Dibromoethane
Concen: 52.524 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX037766.D
Acq: 18 Sep 2023 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 18432
Ion Ratio Lower Upper
107 100
109 93.7 75.2 112.8

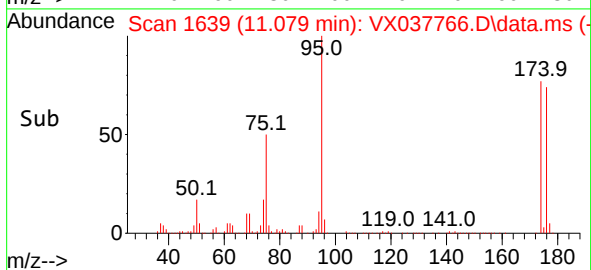
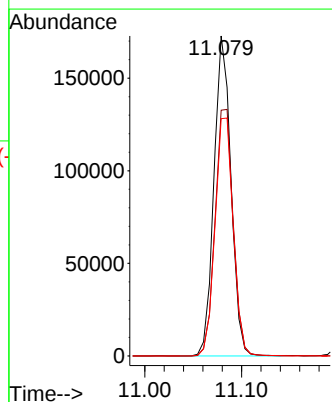
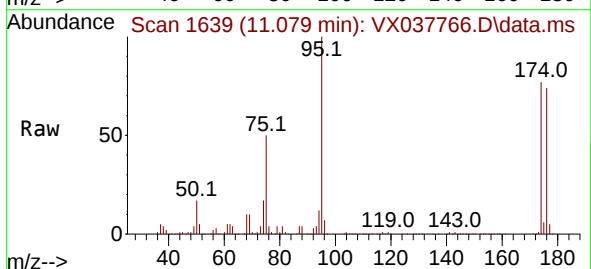
Manual Integrations
APPROVED

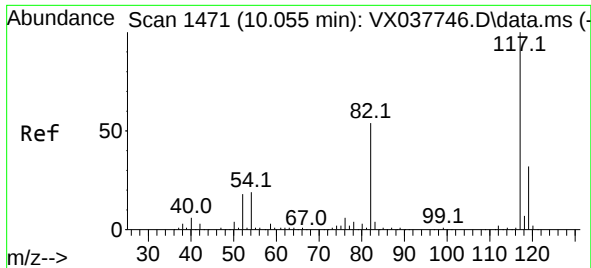
Reviewed By :John Carlone 09/19/2023
Supervised By :Semsettin Yesilyurt 09/19/2023



#62
4-Bromofluorobenzene
Concen: 54.133 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037766.D
Acq: 18 Sep 2023 10:05

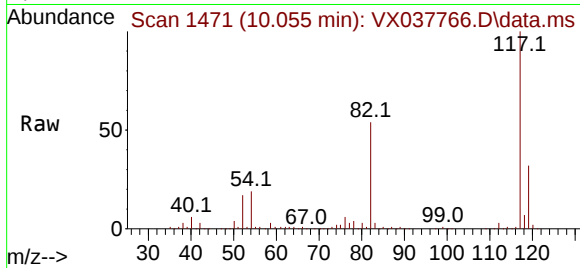
Tgt Ion: 95 Resp: 210466
Ion Ratio Lower Upper
95 100
174 82.4 0.0 135.6
176 79.8 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037766.D
Acq: 18 Sep 2023 10:05

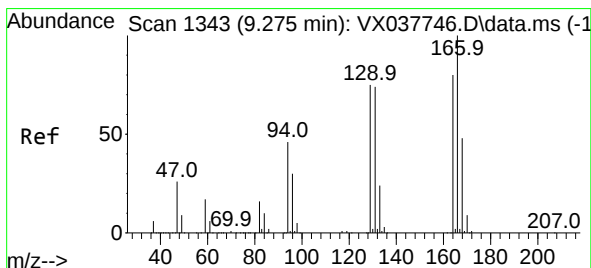
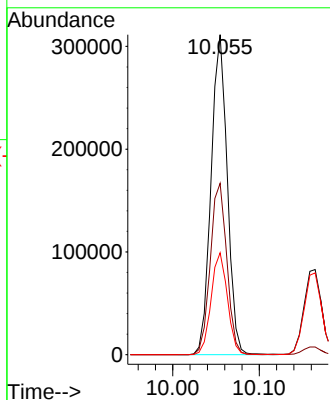
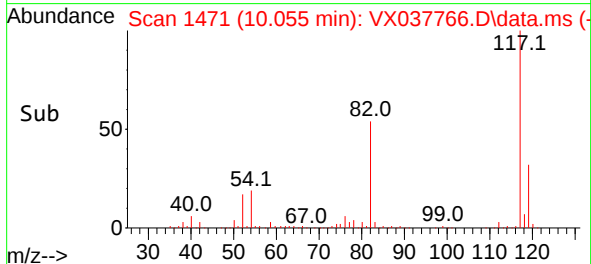
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 404621
Ion Ratio Lower Upper
117 100
82 53.6 46.2 69.4
119 31.8 25.5 38.3

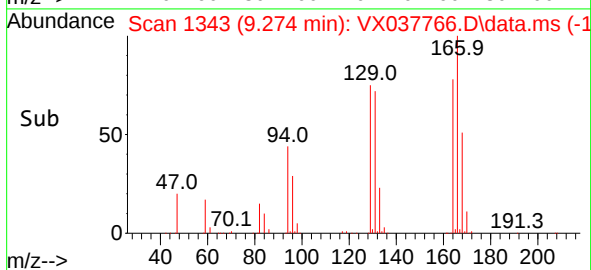
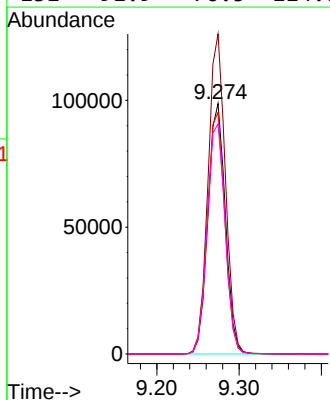
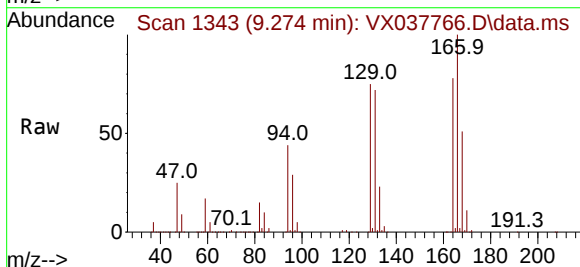
Manual Integrations
APPROVED

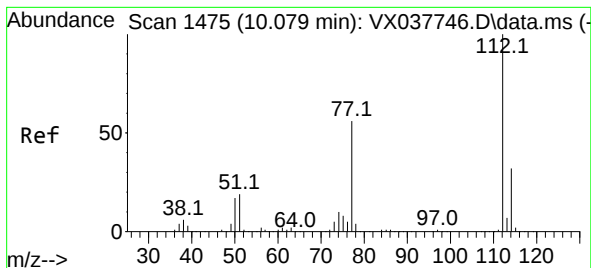
Reviewed By :John Carlone 09/19/2023
Supervised By :Semsettin Yesilyurt 09/19/2023



#64
Tetrachloroethene
Concen: 52.417 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX037766.D
Acq: 18 Sep 2023 10:05

Tgt Ion:164 Resp: 144645
Ion Ratio Lower Upper
164 100
166 127.8 102.7 154.1
129 96.5 80.4 120.6
131 91.9 76.5 114.7





#65

Chlorobenzene

Concen: 51.051 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX037766.D

Acq: 18 Sep 2023 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:112 Resp: 44556

Ion Ratio Lower Upper

112 100

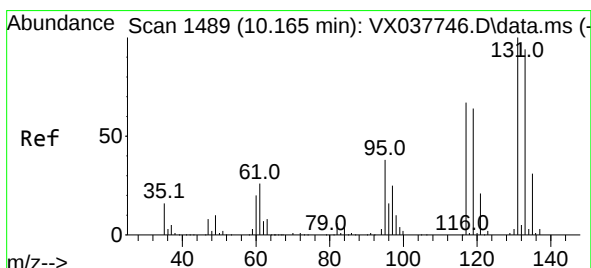
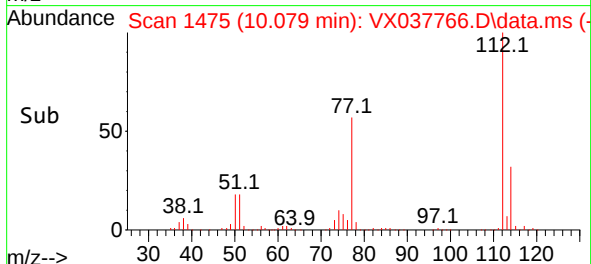
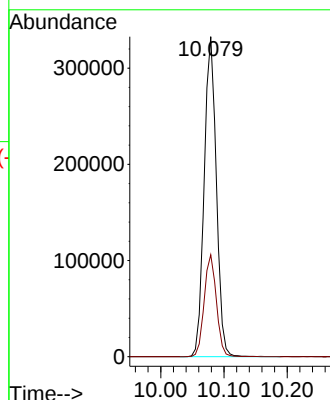
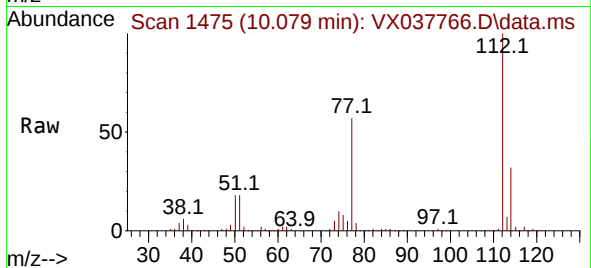
114 31.9 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/19/2023

Supervised By :Semsettin Yesilyurt 09/19/2023



#66

1,1,1,2-Tetrachloroethane

Concen: 55.452 ug/l

RT: 10.164 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VX037766.D

Acq: 18 Sep 2023 10:05

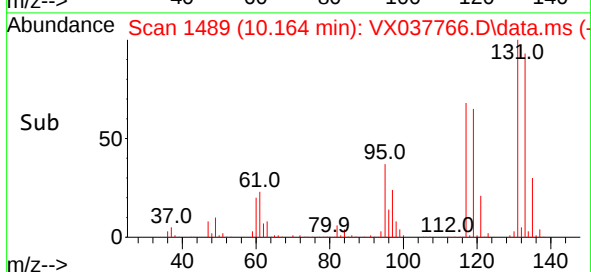
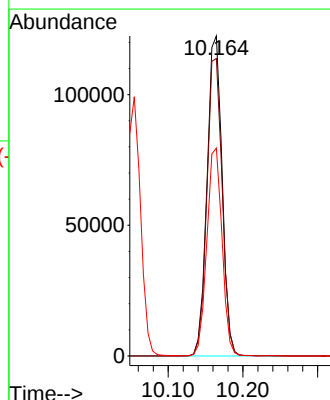
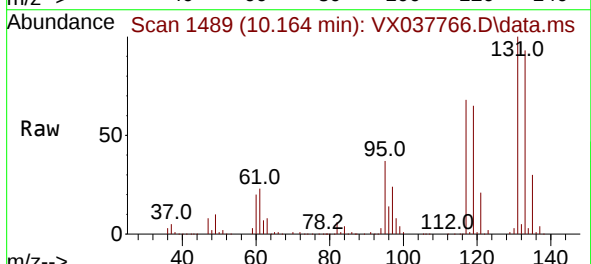
Tgt Ion:131 Resp: 171513

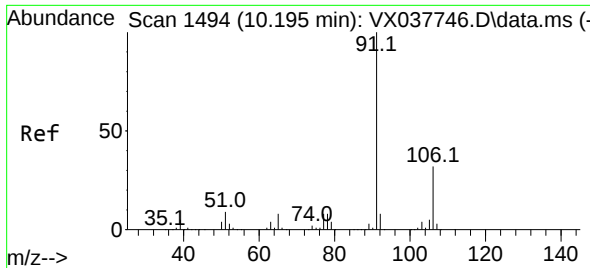
Ion Ratio Lower Upper

131 100

133 94.1 47.1 141.4

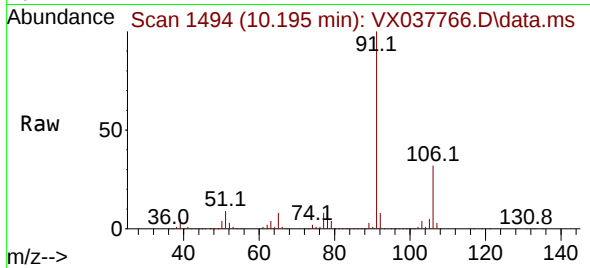
119 65.6 32.2 96.6





#67
Ethyl Benzene
Concen: 53.032 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX037766.D
Acq: 18 Sep 2023 10:05

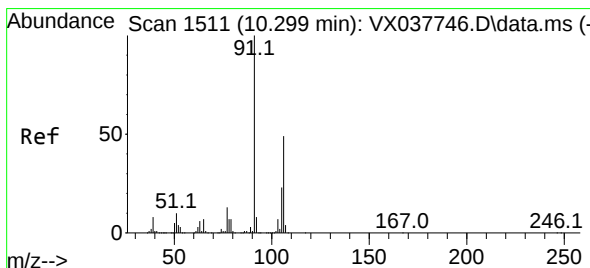
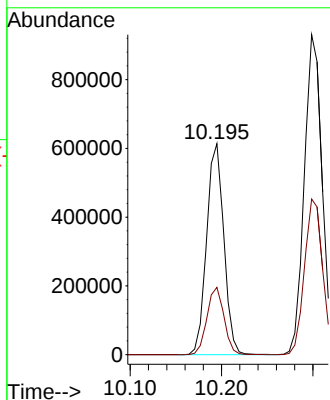
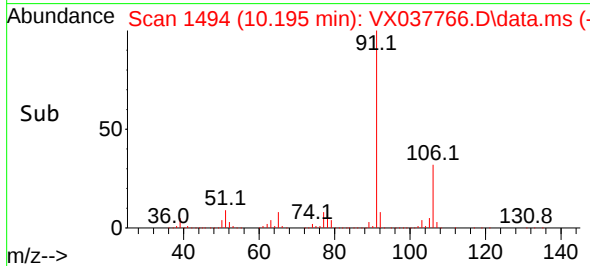
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



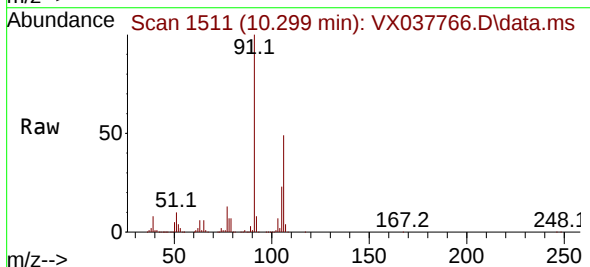
Tgt Ion: 91 Resp: 802474
Ion Ratio Lower Upper
91 100
106 31.9 24.9 37.3

Manual Integrations
APPROVED

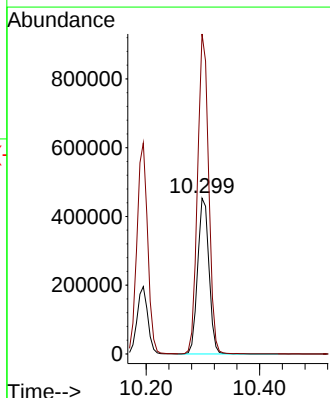
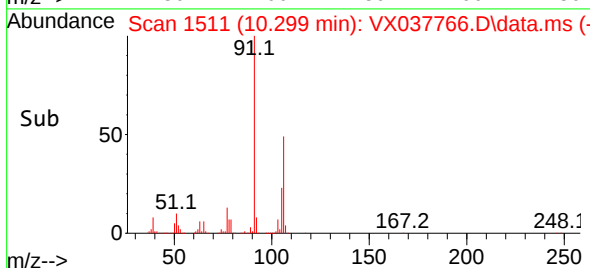
Reviewed By :John Carlone 09/19/2023
Supervised By :Semsettin Yesilyurt 09/19/2023

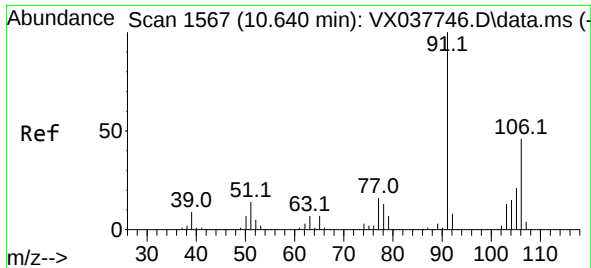


#68
m/p-Xylenes
Concen: 107.070 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.007 min
Lab File: VX037766.D
Acq: 18 Sep 2023 10:05



Tgt Ion:106 Resp: 626057
Ion Ratio Lower Upper
106 100
91 201.4 165.5 248.3





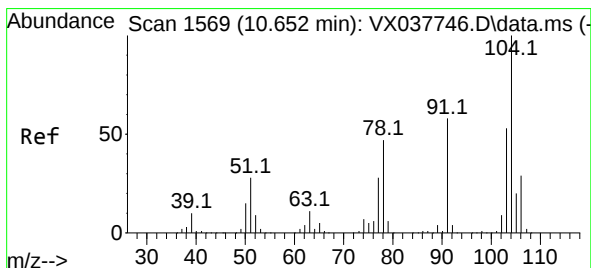
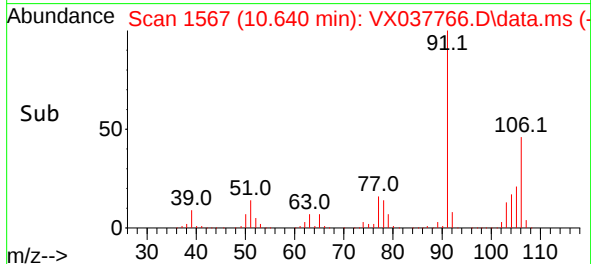
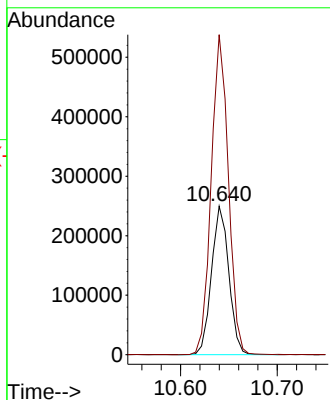
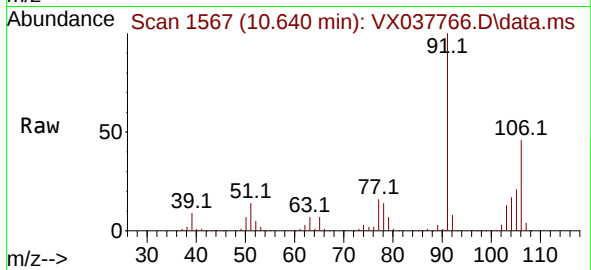
#69
o-Xylene
Concen: 53.004 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.007 min
Lab File: VX037766.D
Acq: 18 Sep 2023 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 310788
Ion Ratio Lower Upper
106 100
91 213.2 108.9 326.8

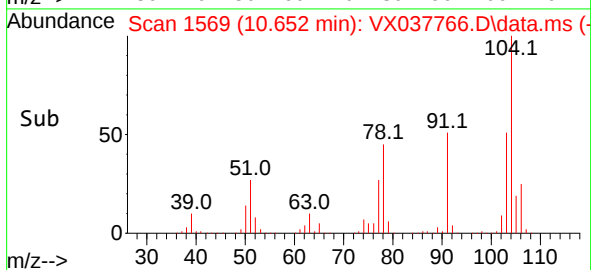
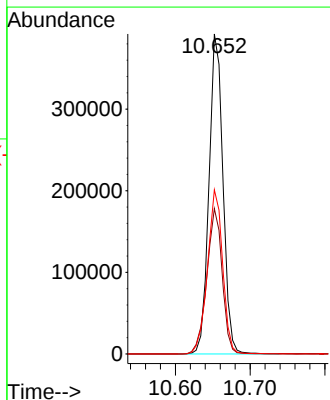
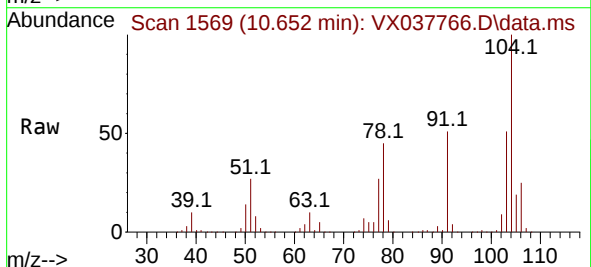
Manual Integrations
APPROVED

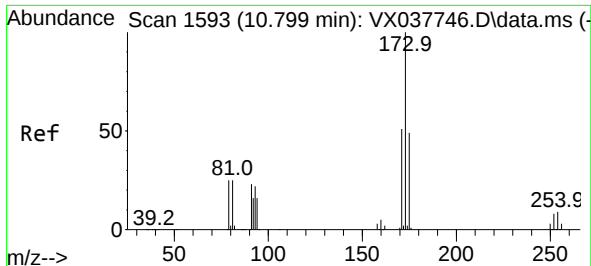
Reviewed By :John Carbone 09/19/2023
Supervised By :Semsettin Yesilyurt 09/19/2023



#70
Styrene
Concen: 54.193 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.007 min
Lab File: VX037766.D
Acq: 18 Sep 2023 10:05

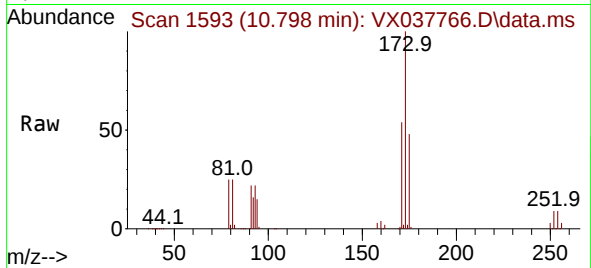
Tgt Ion:104 Resp: 510129
Ion Ratio Lower Upper
104 100
78 50.0 43.6 65.4
103 55.8 43.6 65.4





#71
Bromoform
Concen: 58.316 ug/l
RT: 10.798 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX037766.D
Acq: 18 Sep 2023 10:05

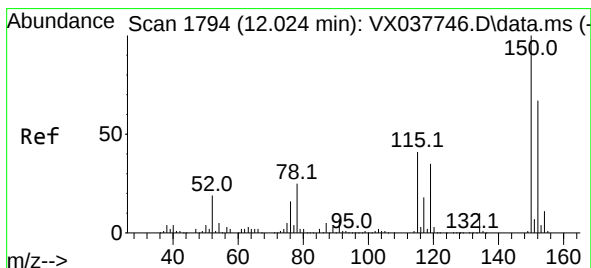
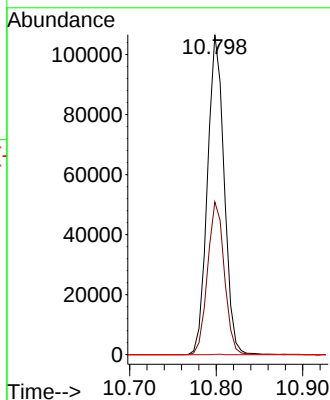
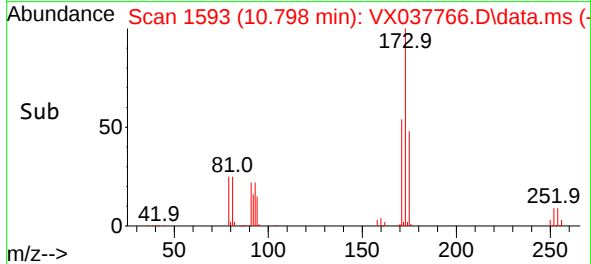
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



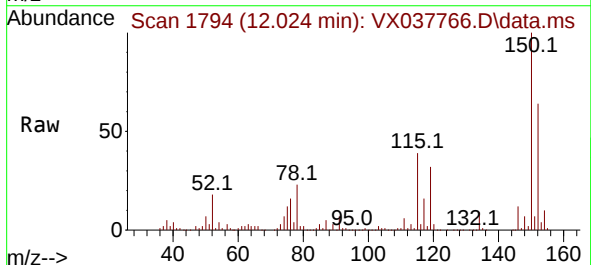
Tgt Ion:173 Resp: 142480
Ion Ratio Lower Upper
173 100
175 48.1 24.1 72.4
254 0.1 0.0 0.0

Manual Integrations
APPROVED

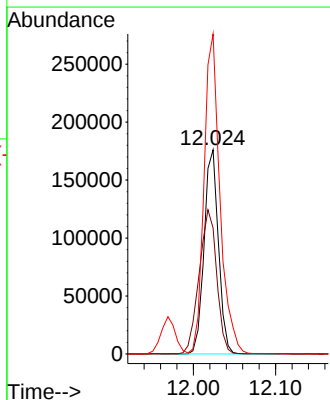
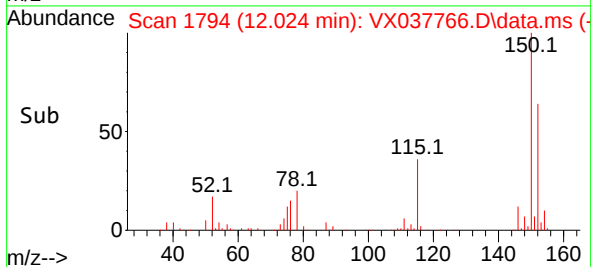
Reviewed By :John Carlone 09/19/2023
Supervised By :Semsettin Yesilyurt 09/19/2023

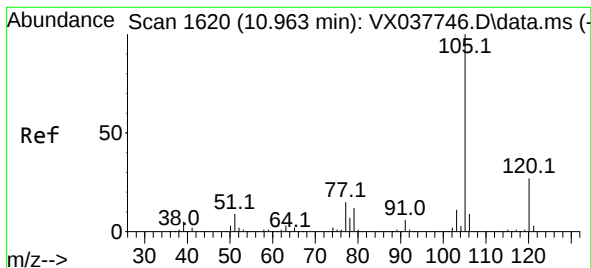


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037766.D
Acq: 18 Sep 2023 10:05



Tgt Ion:152 Resp: 212586
Ion Ratio Lower Upper
152 100
115 87.0 43.3 129.9
150 174.9 0.0 345.0





#73

Isopropylbenzene

Concen: 52.683 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VX037766.D

Acq: 18 Sep 2023 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 821669

Ion Ratio Lower Upper

105 100

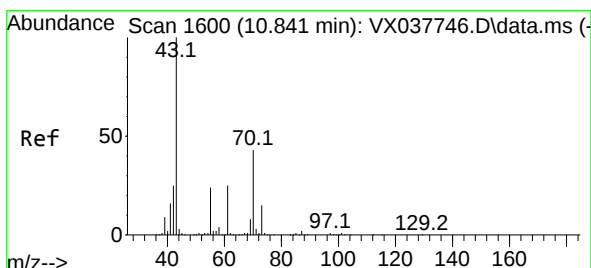
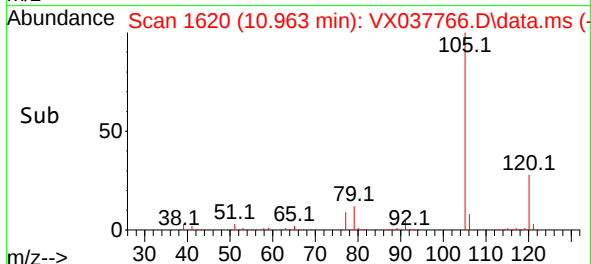
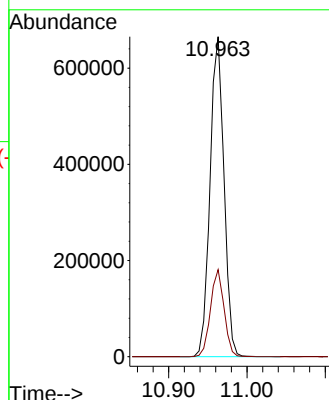
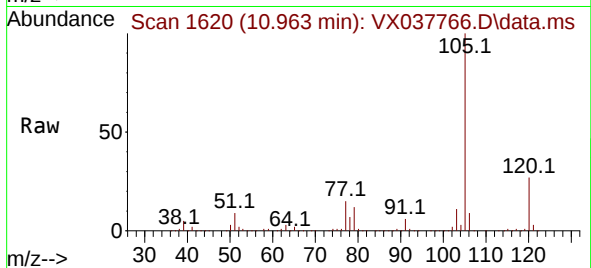
120 26.5 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/19/2023

Supervised By :Semsettin Yesilyurt 09/19/2023



#74

N-ethyl acetate

Concen: 52.950 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.007 min

Lab File: VX037766.D

Acq: 18 Sep 2023 10:05

Tgt Ion: 43 Resp: 334449

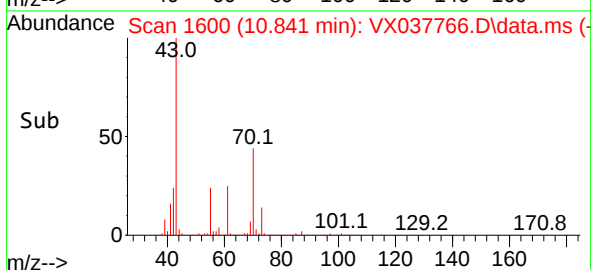
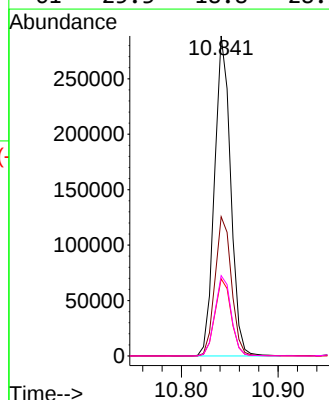
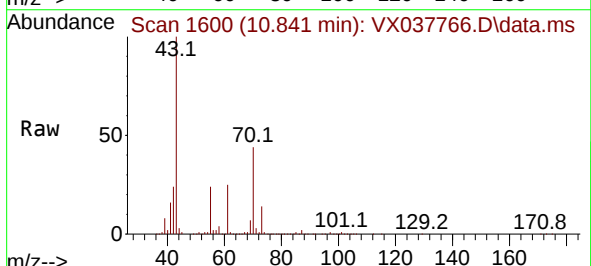
Ion Ratio Lower Upper

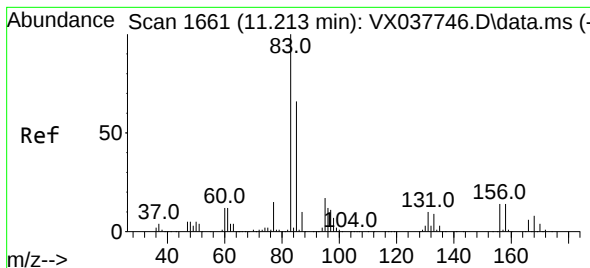
43 100

70 44.4 32.9 49.3

55 24.4 19.3 28.9

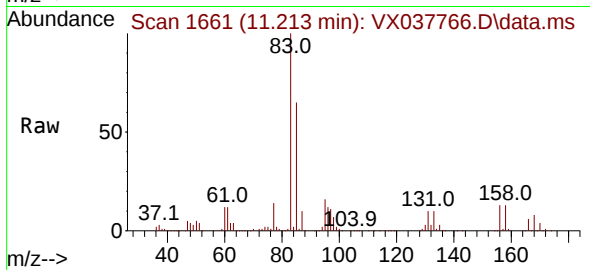
61 25.3 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 49.936 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX037766.D
Acq: 18 Sep 2023 10:05

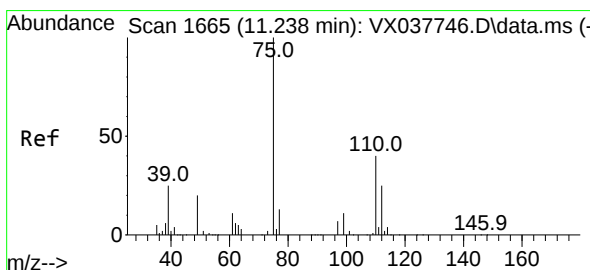
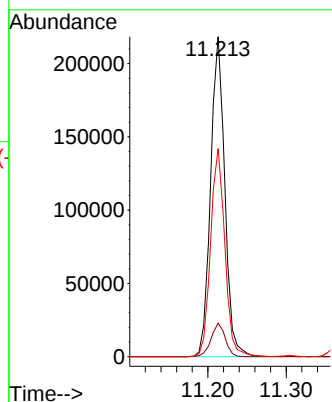
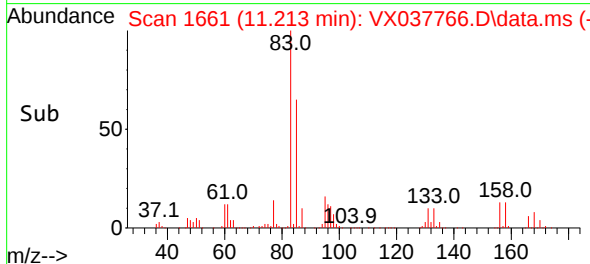
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



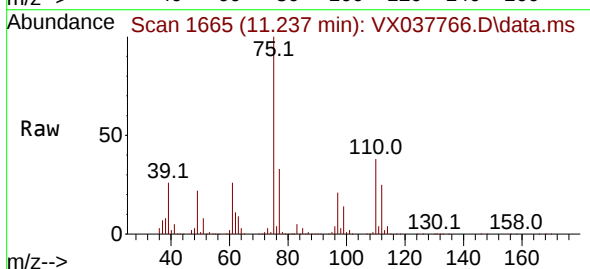
Tgt Ion: 83 Resp: 273908
Ion Ratio Lower Upper
83 100
131 10.5 5.3 15.8
85 65.4 32.0 96.2

Manual Integrations
APPROVED

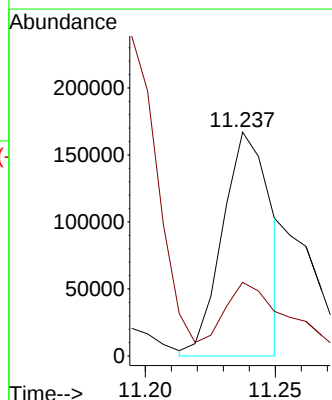
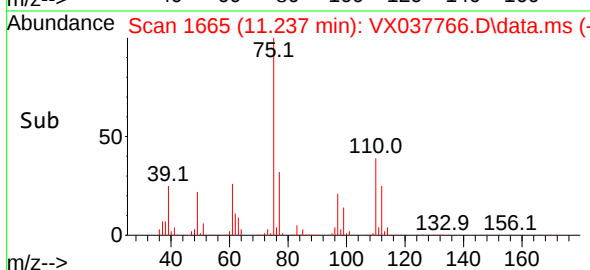
Reviewed By :John Carlone 09/19/2023
Supervised By :Semsettin Yesilyurt 09/19/2023

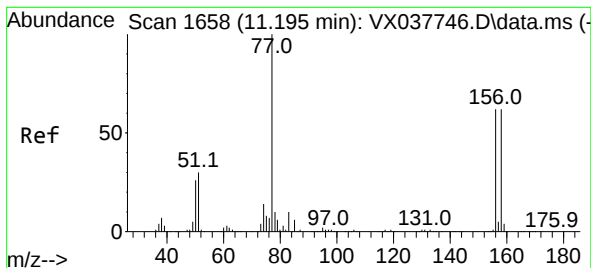


#76
1,2,3-Trichloropropane
Concen: 43.623 ug/l m
RT: 11.237 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX037766.D
Acq: 18 Sep 2023 10:05



Tgt Ion: 75 Resp: 214490
Ion Ratio Lower Upper
75 100
77 45.3 19.1 57.5





#77

Bromobenzene

Concen: 51.653 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.007 min

Lab File: VX037766.D

Acq: 18 Sep 2023 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 19939

Ion Ratio Lower Upper

156 100

77 151.8 88.4 265.3

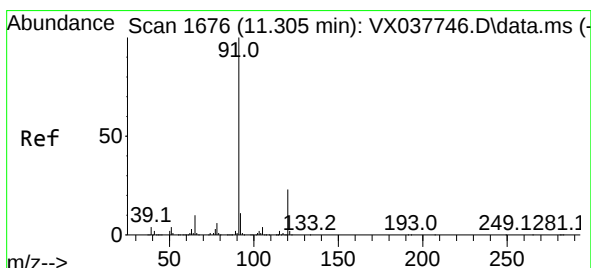
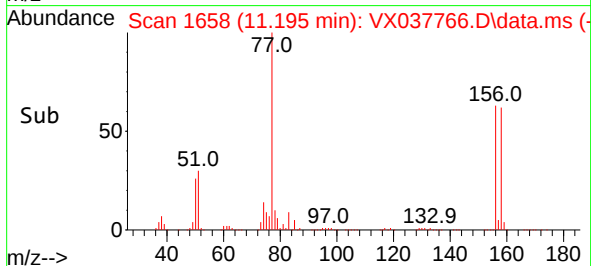
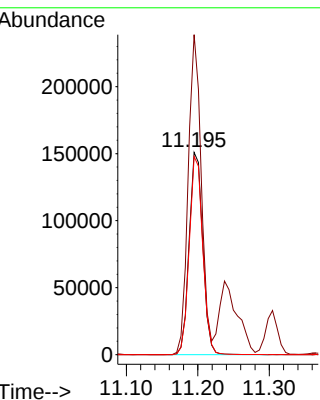
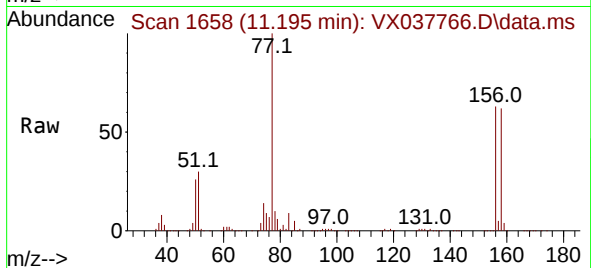
158 97.4 48.0 144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/19/2023

Supervised By :Semsettin Yesilyurt 09/19/2023



#78

n-propylbenzene

Concen: 53.945 ug/l

RT: 11.304 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX037766.D

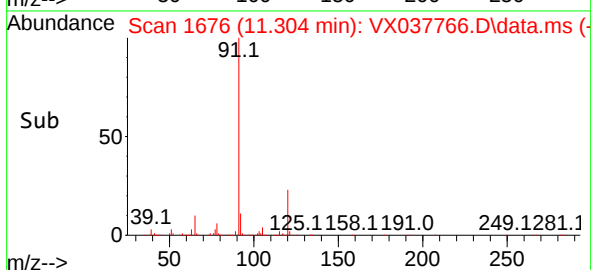
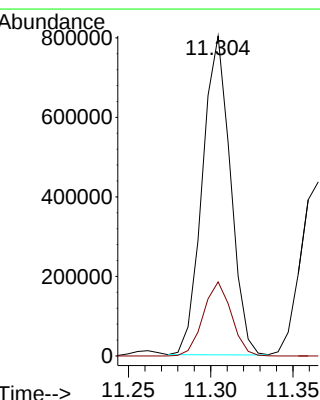
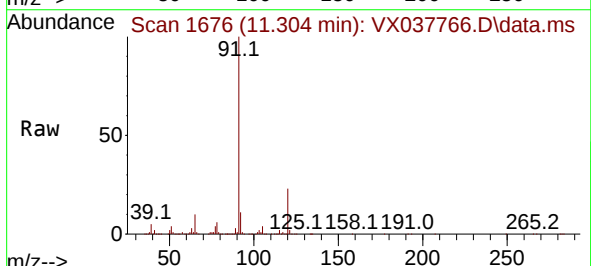
Acq: 18 Sep 2023 10:05

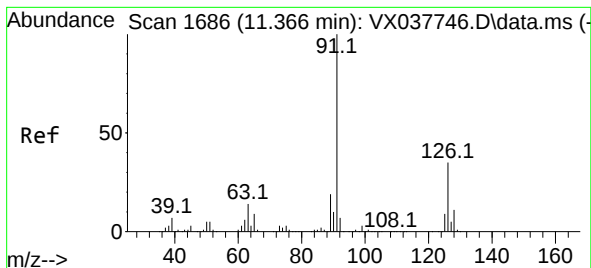
Tgt Ion: 91 Resp: 950174

Ion Ratio Lower Upper

91 100

120 23.3 11.5 34.4





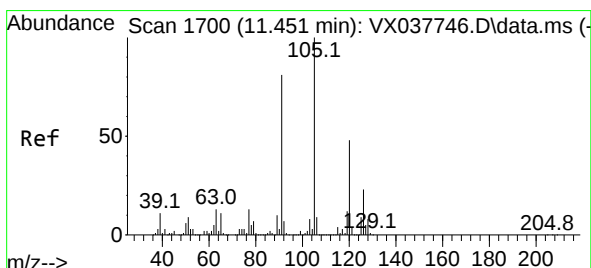
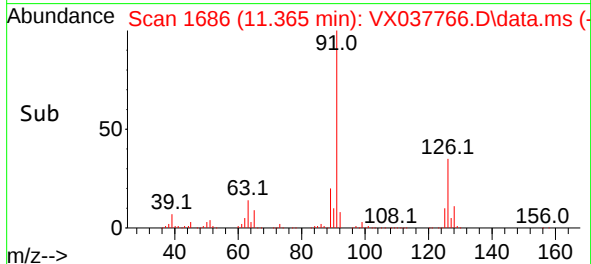
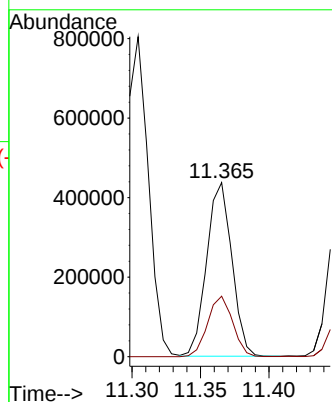
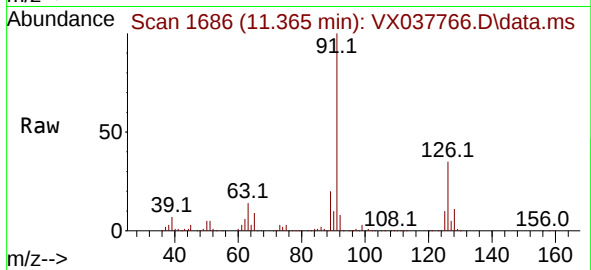
#79
2-Chlorotoluene
Concen: 51.318 ug/l
RT: 11.365 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX037766.D
Acq: 18 Sep 2023 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 557334
Ion Ratio Lower Upper
91 100
126 34.8 16.3 48.8

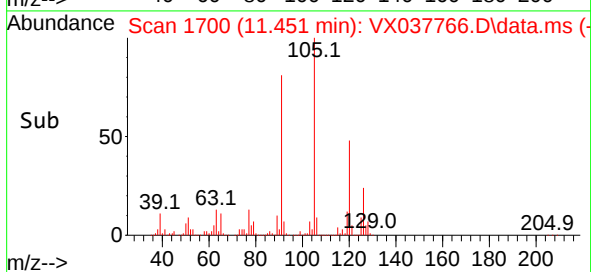
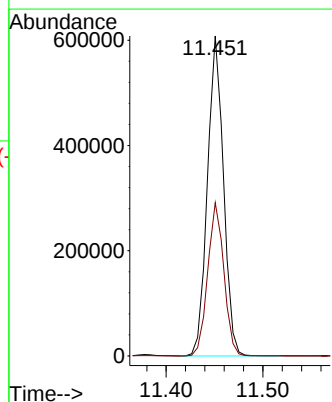
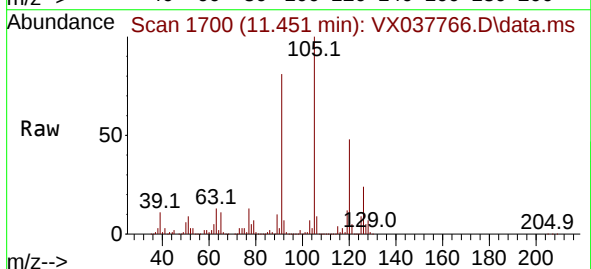
Manual Integrations
APPROVED

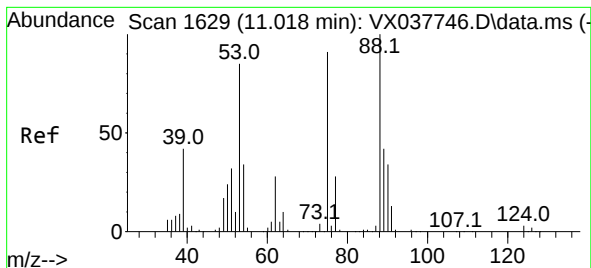
Reviewed By :John Carlone 09/19/2023
Supervised By :Semsettin Yesilyurt 09/19/2023



#80
1,3,5-Trimethylbenzene
Concen: 53.324 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX037766.D
Acq: 18 Sep 2023 10:05

Tgt Ion:105 Resp: 702337
Ion Ratio Lower Upper
105 100
120 48.2 24.1 72.3





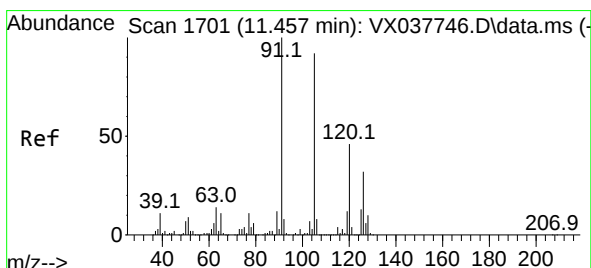
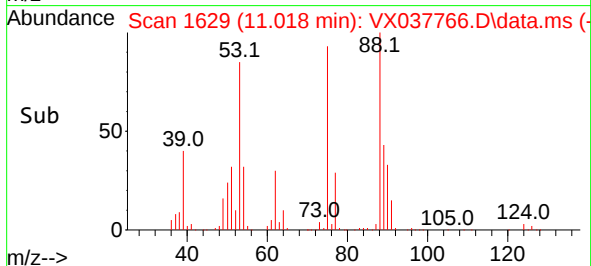
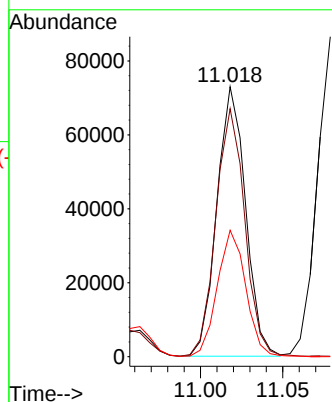
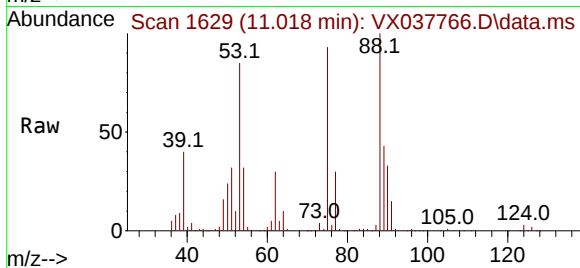
#81
trans-1,4-Dichloro-2-butene
Concen: 57.606 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX037766.D
Acq: 18 Sep 2023 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 8842
Ion Ratio Lower Upper
75 100
53 92.6 90.5 135.7
89 46.6 36.9 55.3

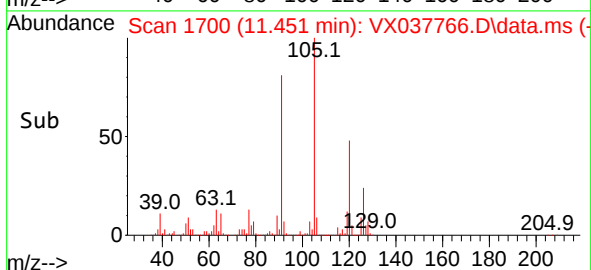
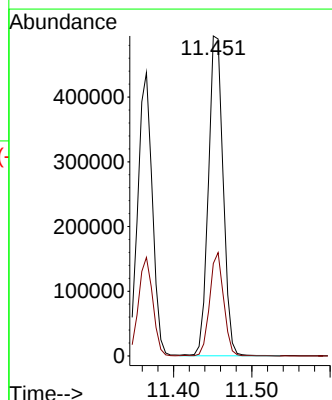
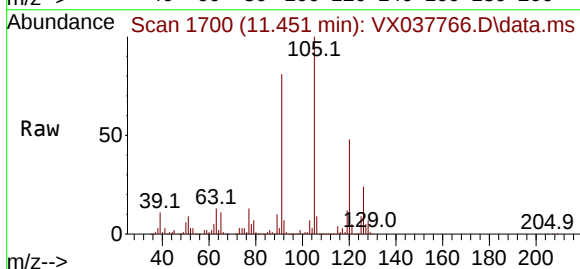
Manual Integrations
APPROVED

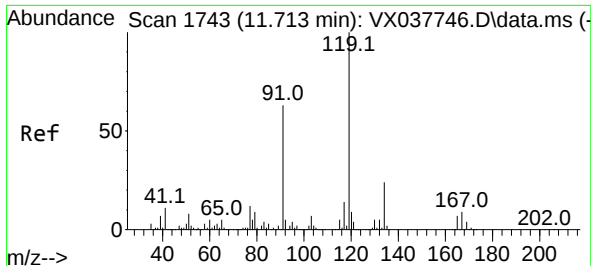
Reviewed By :John Carlone 09/19/2023
Supervised By :Semsettin Yesilyurt 09/19/2023



#82
4-Chlorotoluene
Concen: 52.688 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.007 min
Lab File: VX037766.D
Acq: 18 Sep 2023 10:05

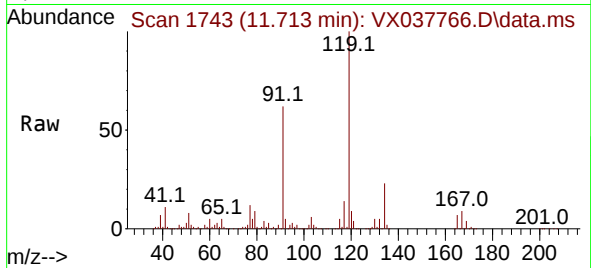
Tgt Ion: 91 Resp: 644203
Ion Ratio Lower Upper
91 100
126 30.6 14.2 42.6





#83
tert-Butylbenzene
Concen: 53.937 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX037766.D
Acq: 18 Sep 2023 10:05

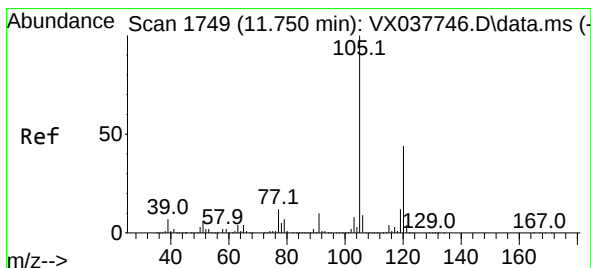
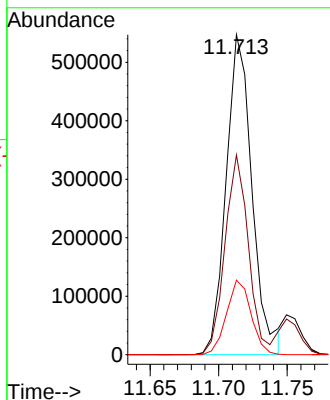
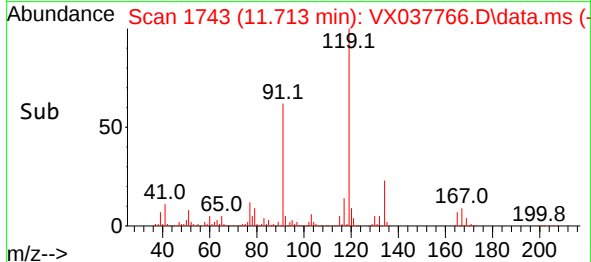
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



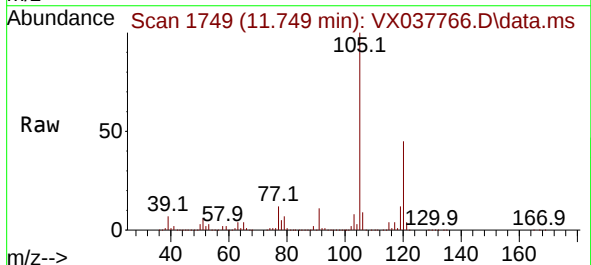
Tgt Ion:119 Resp: 717994
Ion Ratio Lower Upper
119 100
91 56.6 31.2 93.6
134 22.1 11.7 35.0

Manual Integrations
APPROVED

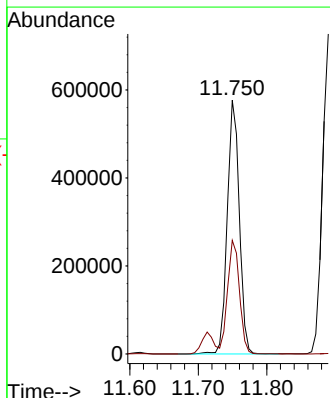
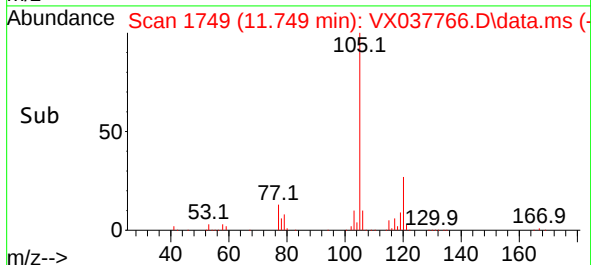
Reviewed By :John Carlone 09/19/2023
Supervised By :Semsettin Yesilyurt 09/19/2023

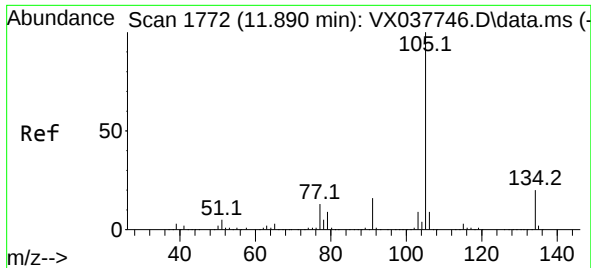


#84
1,2,4-Trimethylbenzene
Concen: 53.385 ug/l
RT: 11.749 min Scan# 1749
Delta R.T. -0.007 min
Lab File: VX037766.D
Acq: 18 Sep 2023 10:05



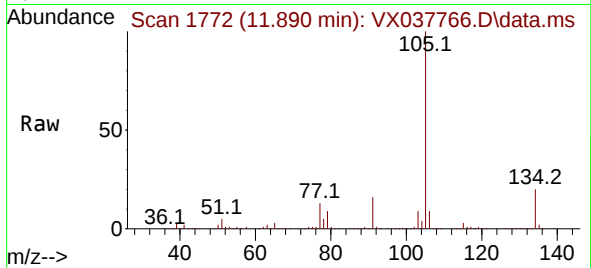
Tgt Ion:105 Resp: 699590
Ion Ratio Lower Upper
105 100
120 44.1 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 54.374 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX037766.D
 Acq: 18 Sep 2023 10:05

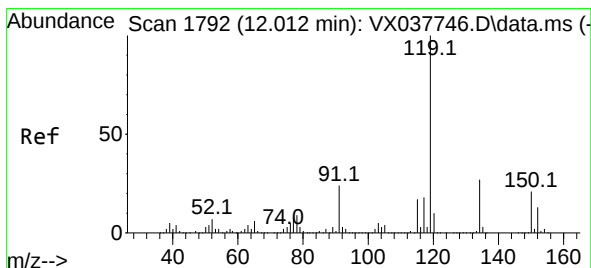
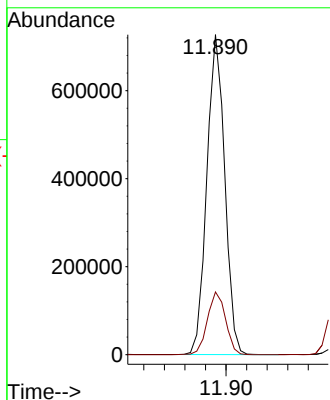
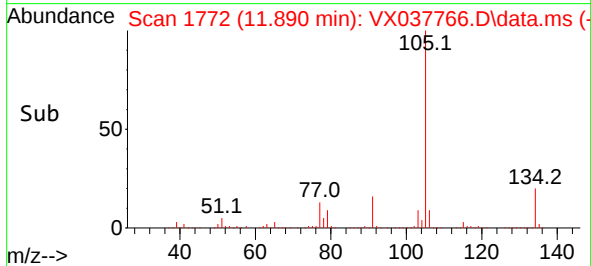
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



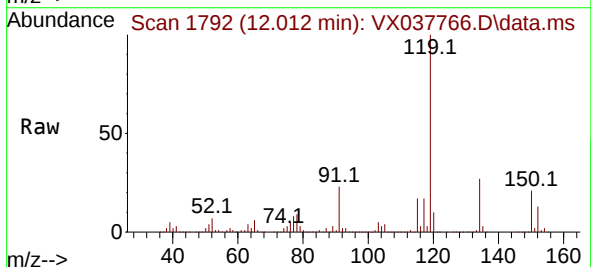
Tgt Ion:105 Resp: 878118
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.4

Manual Integrations
 APPROVED

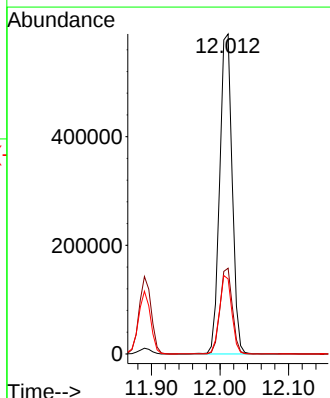
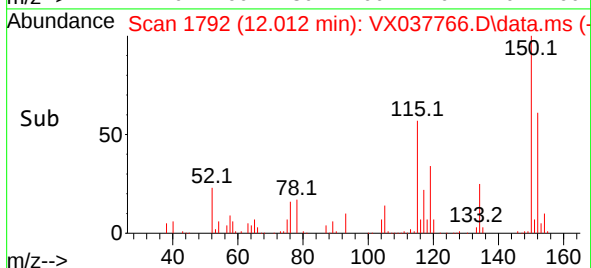
Reviewed By :John Carlone 09/19/2023
 Supervised By :Semsettin Yesilyurt 09/19/2023

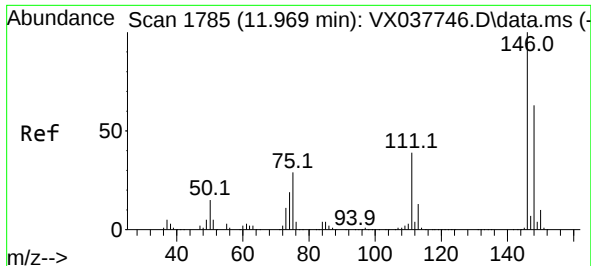


#86
 p-Isopropyltoluene
 Concen: 54.989 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX037766.D
 Acq: 18 Sep 2023 10:05



Tgt Ion:119 Resp: 739891
 Ion Ratio Lower Upper
 119 100
 134 26.4 12.8 38.3
 91 24.1 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 52.272 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX037766.D

Acq: 18 Sep 2023 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 376140

Ion Ratio Lower Upper

146 100

111 40.2 22.1 66.1

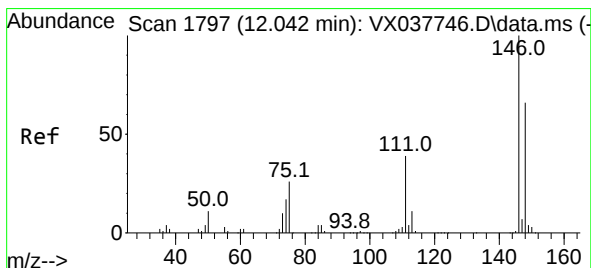
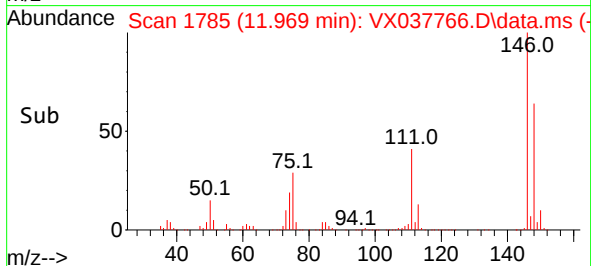
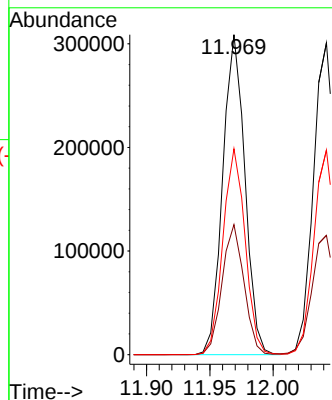
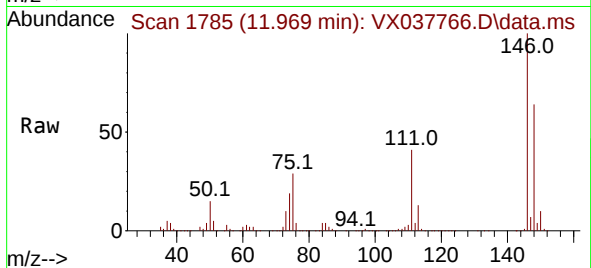
148 64.4 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/19/2023

Supervised By :Semsettin Yesilyurt 09/19/2023



#88

1,4-Dichlorobenzene

Concen: 51.232 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX037766.D

Acq: 18 Sep 2023 10:05

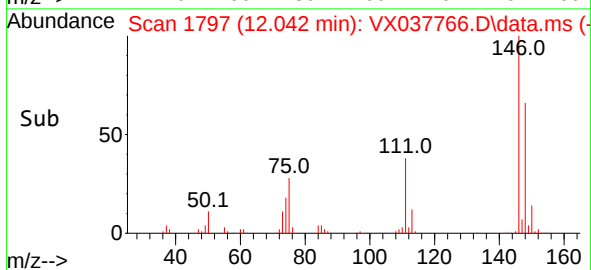
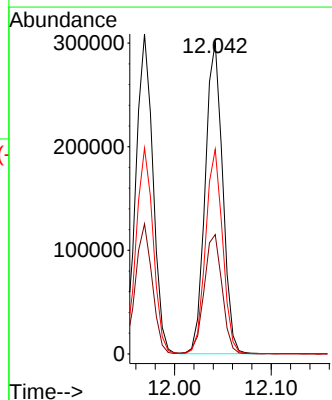
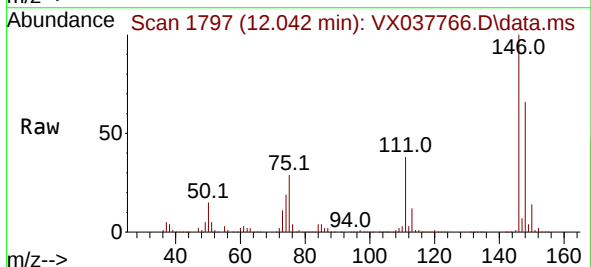
Tgt Ion:146 Resp: 377245

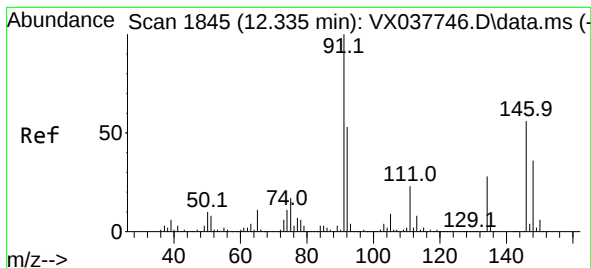
Ion Ratio Lower Upper

146 100

111 39.5 21.3 63.7

148 64.4 31.8 95.4





#89

n-Butylbenzene

Concen: 55.635 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX037766.D

Acq: 18 Sep 2023 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 65578

Ion Ratio Lower Upper

91 100

92 52.3 27.4 82.0

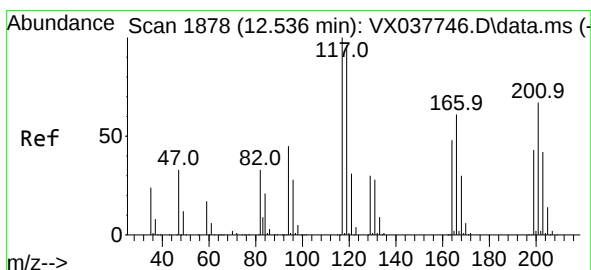
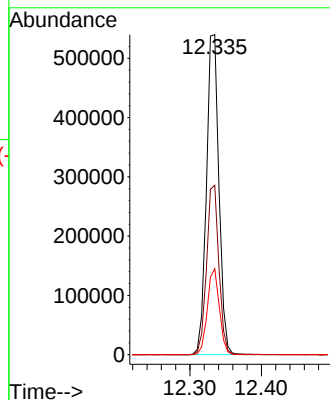
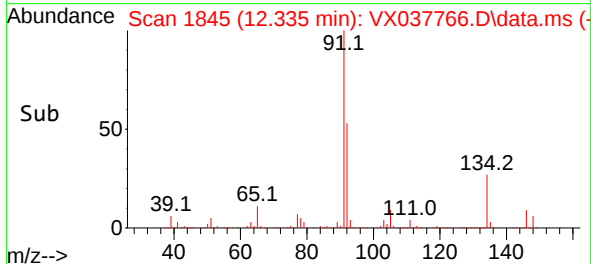
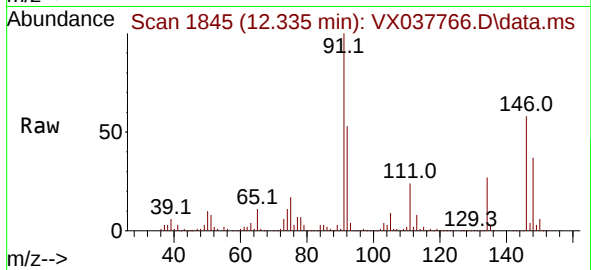
134 25.8 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/19/2023

Supervised By :Semsettin Yesilyurt 09/19/2023



#90

Hexachloroethane

Concen: 58.814 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX037766.D

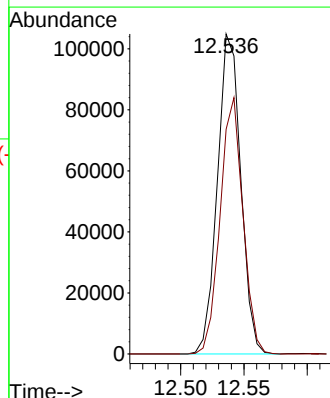
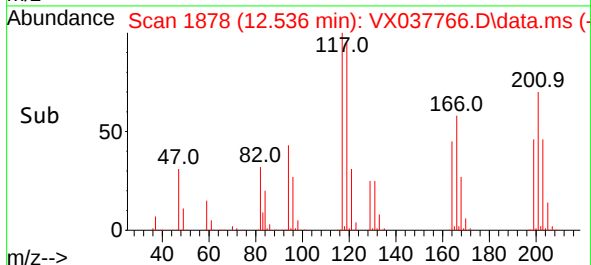
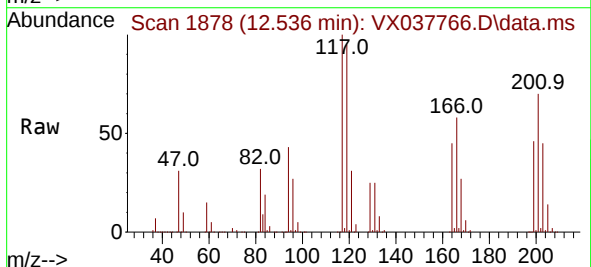
Acq: 18 Sep 2023 10:05

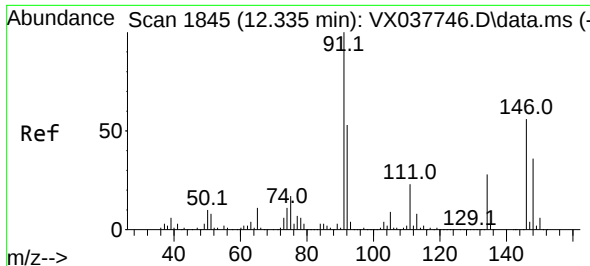
Tgt Ion:117 Resp: 134082

Ion Ratio Lower Upper

117 100

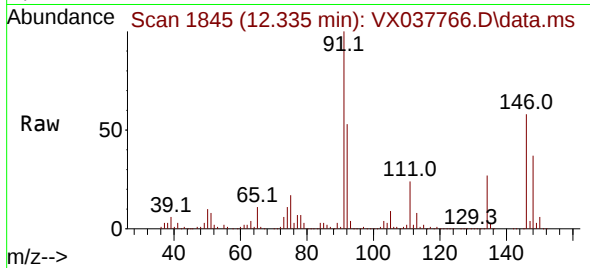
201 78.3 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 51.714 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX037766.D
Acq: 18 Sep 2023 10:05

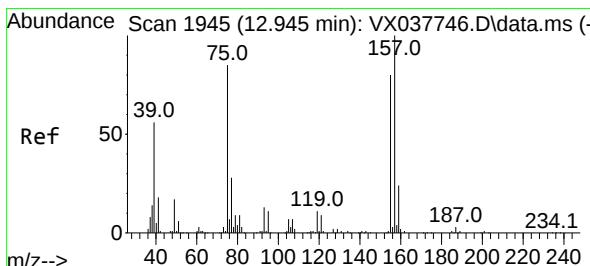
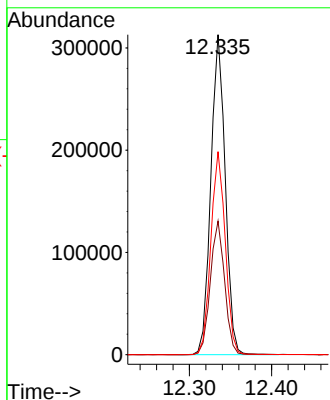
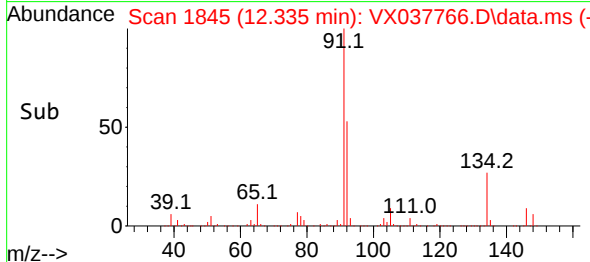
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



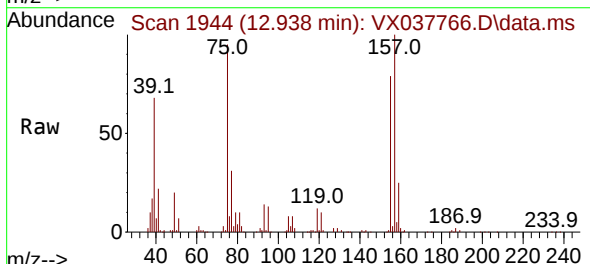
Tgt Ion:146 Resp: 379940
Ion Ratio Lower Upper
146 100
111 41.5 22.4 67.0
148 63.9 31.6 95.0

Manual Integrations
APPROVED

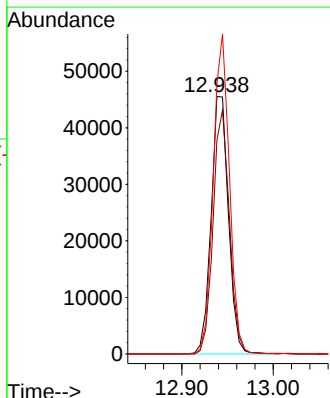
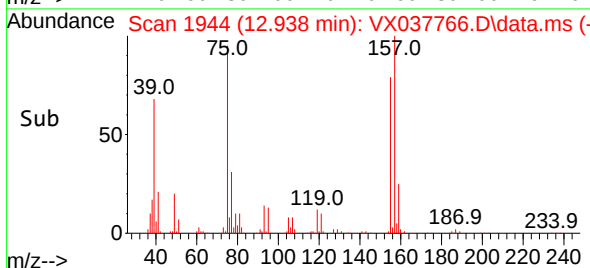
Reviewed By :John Carlone 09/19/2023
Supervised By :Semsettin Yesilyurt 09/19/2023

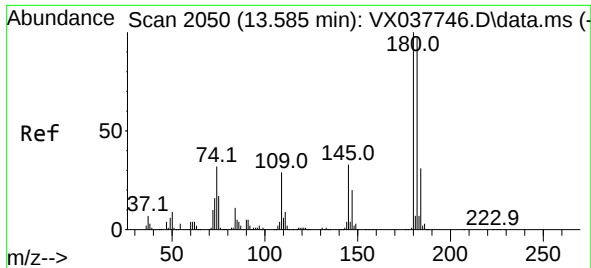


#92
1,2-Dibromo-3-Chloropropane
Concen: 54.793 ug/l
RT: 12.938 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX037766.D
Acq: 18 Sep 2023 10:05



Tgt Ion: 75 Resp: 59910
Ion Ratio Lower Upper
75 100
155 89.3 36.1 108.5
157 115.7 44.9 134.7





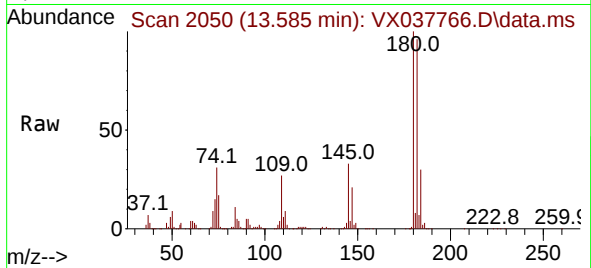
#93
1,2,4-Trichlorobenzene
Concen: 57.205 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.007 min
Lab File: VX037766.D
Acq: 18 Sep 2023 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



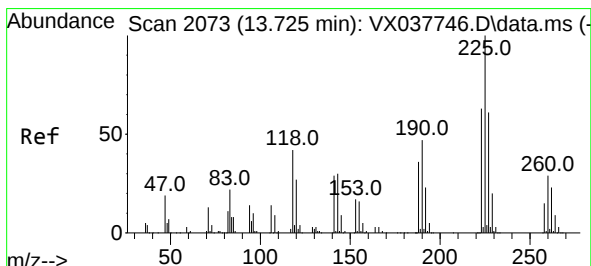
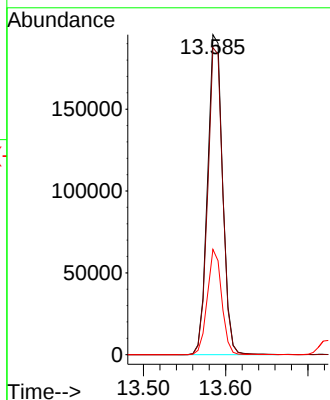
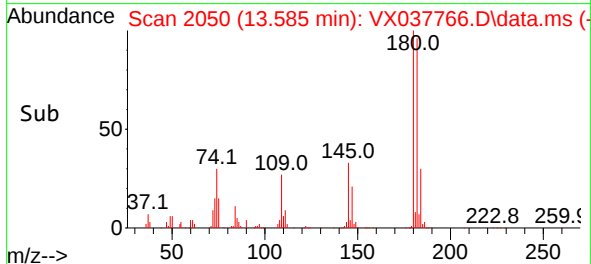
Tgt Ion:180 Resp: 247560
Ion Ratio Lower Upper
180 100
182 95.8 48.3 144.8
145 31.5 18.0 54.0

Manual Integrations

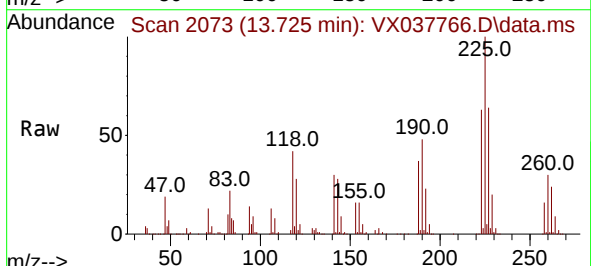
APPROVED

Reviewed By :John Carlone 09/19/2023

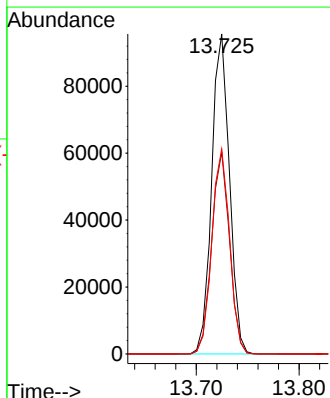
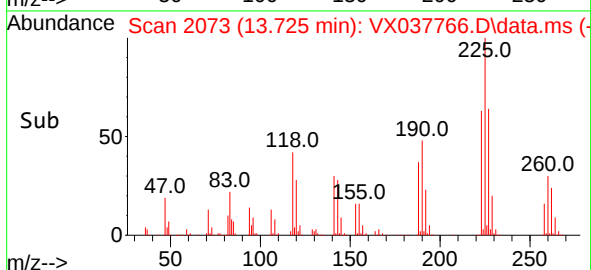
Supervised By :Semsettin Yesilyurt 09/19/2023

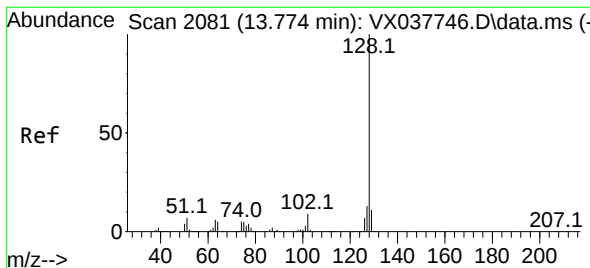


#94
Hexachlorobutadiene
Concen: 56.577 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX037766.D
Acq: 18 Sep 2023 10:05



Tgt Ion:225 Resp: 114340
Ion Ratio Lower Upper
225 100
223 63.5 31.1 93.2
227 64.2 32.5 97.5





#95

Naphthalene

Concen: 55.380 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.007 min

Lab File: VX037766.D

Acq: 18 Sep 2023 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 810560

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

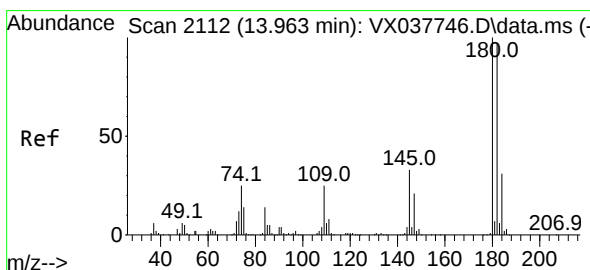
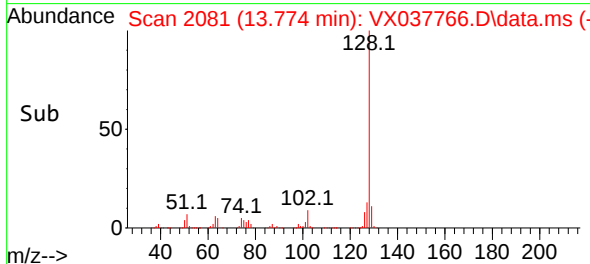
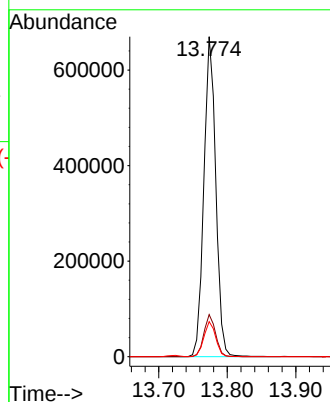
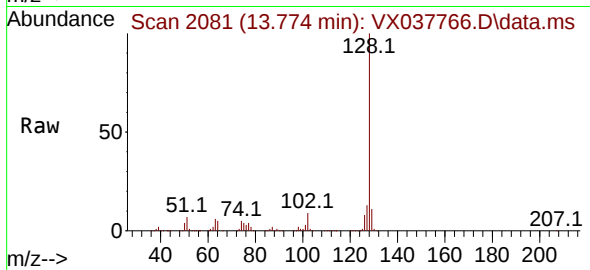
129 10.9 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/19/2023

Supervised By :Semsettin Yesilyurt 09/19/2023



#96

1,2,3-Trichlorobenzene

Concen: 56.441 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX037766.D

Acq: 18 Sep 2023 10:05

Tgt Ion:180 Resp: 251367

Ion Ratio Lower Upper

180 100

182 95.5 46.9 140.6

145 32.7 17.8 53.5

