

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060123\
 Data File : VX035946.D
 Acq On : 01 Jun 2023 09:29
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 02 01:39:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 31 12:50:30 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/02/2023
 Supervised By : Semsettin Yesilyurt 06/02/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	206797	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	367079	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	336010	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	160108	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	168046	50.042	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.080%			
35) Dibromofluoromethane	5.385	113	126279	51.147	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.300%			
50) Toluene-d8	8.647	98	456131	51.477	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.960%			
62) 4-Bromofluorobenzene	11.079	95	185152	52.932	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.860%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	111045	49.147	ug/l	100
3) Chloromethane	1.294	50	118635	45.938	ug/l	99
4) Vinyl Chloride	1.374	62	111452	45.943	ug/l	97
5) Bromomethane	1.618	94	73404	45.942	ug/l	99
6) Chloroethane	1.691	64	69376	48.569	ug/l	97
7) Trichlorofluoromethane	1.886	101	157946	46.270	ug/l	97
8) Diethyl Ether	2.130	74	70619	47.636	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	100629	47.498	ug/l	99
10) Methyl Iodide	2.453	142	115262	46.218	ug/l	99
11) Tert butyl alcohol	3.056	59	140215	235.114	ug/l	
12) 1,1-Dichloroethene	2.319	96	93842	45.233	ug/l	96
13) Acrolein	2.239	56	136781	238.107	ug/l	99
14) Allyl chloride	2.660	41	204600	47.974	ug/l	99
15) Acrylonitrile	3.069	53	336481	240.141	ug/l	99
16) Acetone	2.398	43	363765	262.570	ug/l	98
17) Carbon Disulfide	2.514	76	232935	44.807	ug/l	99
18) Methyl Acetate	2.709	43	260418	48.352	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	398122	48.988	ug/l	99
20) Methylene Chloride	2.788	84	120003	44.967	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	109987	46.377	ug/l	98
22) Diisopropyl ether	3.757	45	411160	49.565	ug/l	97
23) Vinyl Acetate	3.721	43	1497416	256.929	ug/l	99
24) 1,1-Dichloroethane	3.605	63	221782	48.204	ug/l	99
25) 2-Butanone	4.568	43	492761	248.506	ug/l	98
26) 2,2-Dichloropropane	4.471	77	175153	49.944	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	134349	47.200	ug/l	97
28) Bromochloromethane	4.891	49	120966	50.207	ug/l	94
29) Tetrahydrofuran	5.013	42	307968	241.014	ug/l	99
30) Chloroform	5.093	83	229956	48.524	ug/l	99
31) Cyclohexane	5.471	56	172976	49.197	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	192645	48.106	ug/l	99
36) 1,1-Dichloropropene	5.690	75	157594	47.873	ug/l	98
37) Ethyl Acetate	4.715	43	183129	49.951	ug/l	98
38) Carbon Tetrachloride	5.672	117	158585	49.434	ug/l	97
39) Methylcyclohexane	7.379	83	170452	49.626	ug/l	96
40) Benzene	6.031	78	473713	47.946	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	104603	50.295	ug/l	98
42) 1,2-Dichloroethane	6.080	62	192534	49.209	ug/l	98
43) Isopropyl Acetate	6.336	43	298112	49.453	ug/l	99
44) Trichloroethene	7.123	130	123205	48.070	ug/l	94
45) 1,2-Dichloropropane	7.428	63	126231	48.542	ug/l	100
46) Dibromomethane	7.580	93	88589	49.042	ug/l	97
47) Bromodichloromethane	7.818	83	173880	51.172	ug/l	99
48) Methyl methacrylate	7.690	41	147593	49.926	ug/l	95
49) 1,4-Dioxane	7.745	88	64814	957.290	ug/l #	80
51) 4-Methyl-2-Pentanone	8.574	43	925410	251.492	ug/l	98
52) Toluene	8.714	92	306582	49.357	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	187821	52.289	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	203409	51.281	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	125360	48.440	ug/l	99
56) Ethyl methacrylate	9.116	69	194983	50.394	ug/l	96
57) 1,3-Dichloropropane	9.305	76	215583	48.405	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	498663	245.970	ug/l	98
59) 2-Hexanone	9.427	43	703986	258.778	ug/l	98
60) Dibromochloromethane	9.519	129	129256	51.450	ug/l	100
61) 1,2-Dibromoethane	9.610	107	132249	49.987	ug/l	100
64) Tetrachloroethene	9.269	164	99538	47.141	ug/l	96
65) Chlorobenzene	10.079	112	327894	48.363	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	121360	50.894	ug/l	99
67) Ethyl Benzene	10.195	91	586864	48.636	ug/l	100
68) m/p-Xylenes	10.299	106	447945	97.852	ug/l	95
69) o-Xylene	10.640	106	224397	48.780	ug/l	94
70) Styrene	10.653	104	376823	50.696	ug/l	98
71) Bromoform	10.799	173	86127	52.152	ug/l #	100
73) Isopropylbenzene	10.963	105	567119	48.743	ug/l	99
74) N-amyl acetate	10.842	43	258841	51.041	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	195202	49.046	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	163230m	45.202	ug/l	
77) Bromobenzene	11.195	156	136971	47.605	ug/l	97
78) n-propylbenzene	11.305	91	654559	49.846	ug/l	98
79) 2-Chlorotoluene	11.366	91	410883	48.045	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	483697	49.310	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	56424	52.630	ug/l	91
82) 4-Chlorotoluene	11.451	91	480207	48.922	ug/l	98
83) tert-Butylbenzene	11.713	119	459737	49.057	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	493035	48.975	ug/l	99
85) sec-Butylbenzene	11.890	105	558434	50.237	ug/l	99
86) p-Isopropyltoluene	12.006	119	482154	50.734	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	262683	49.840	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	261602	47.117	ug/l	98
89) n-Butylbenzene	12.329	91	411818	51.291	ug/l	99
90) Hexachloroethane	12.536	117	77241	51.253	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	258105	49.194	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	43320	52.742	ug/l	93
93) 1,2,4-Trichlorobenzene	13.585	180	154290	50.533	ug/l	98
94) Hexachlorobutadiene	13.725	225	54938	47.301	ug/l	97
95) Naphthalene	13.774	128	539241	50.743	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	149128	49.515	ug/l	99

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Quant Title : SW846 8260
QLast Update : Wed May 31 12:50:30 2023
Response via : Initial Calibration

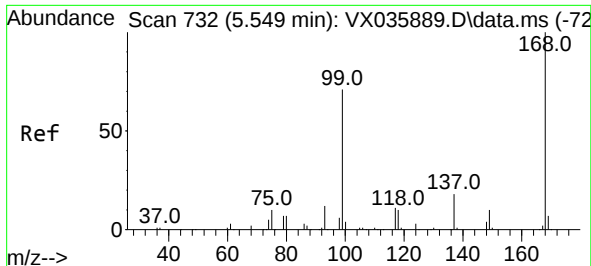
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

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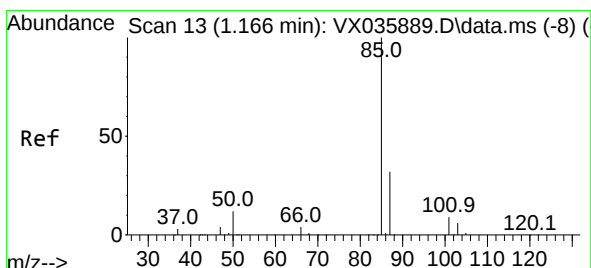
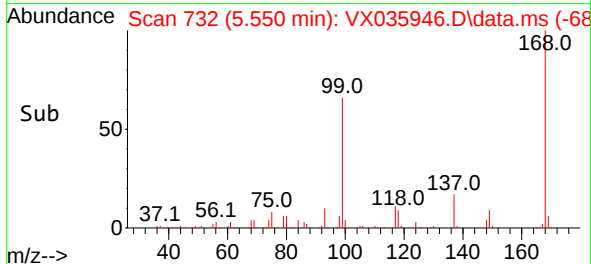
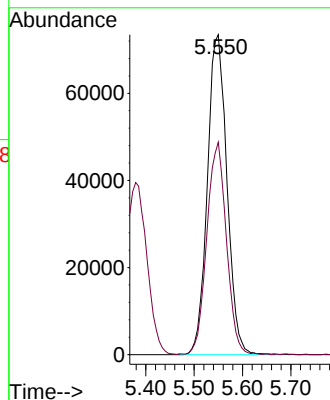
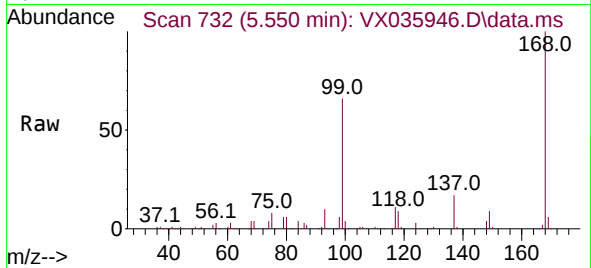
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035946.D
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MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 20679
Ion Ratio Lower Upper
168 100
99 66.4 57.0 85.6

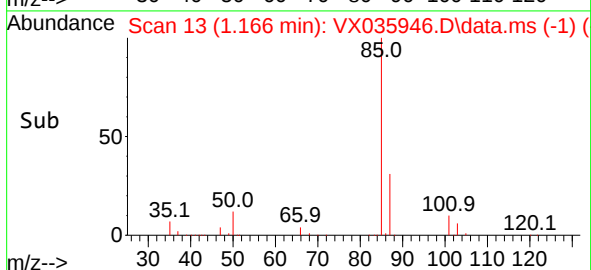
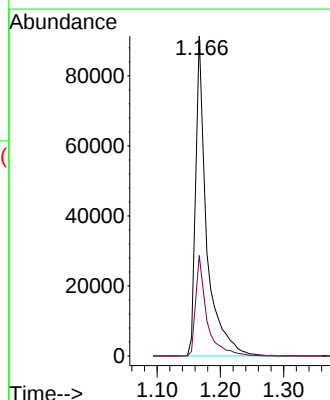
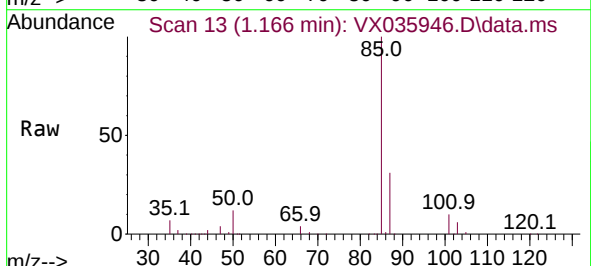
Manual Integrations
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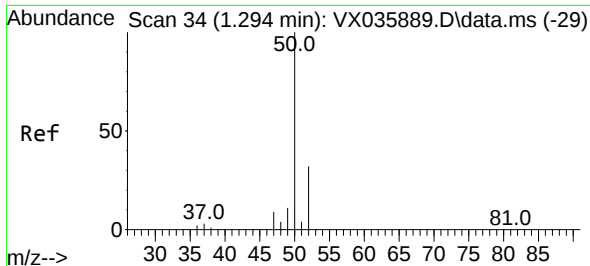
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#2
Dichlorodifluoromethane
Concen: 49.147 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX035946.D
Acq: 01 Jun 2023 09:29

Tgt Ion: 85 Resp: 111045
Ion Ratio Lower Upper
85 100
87 31.4 15.8 47.4





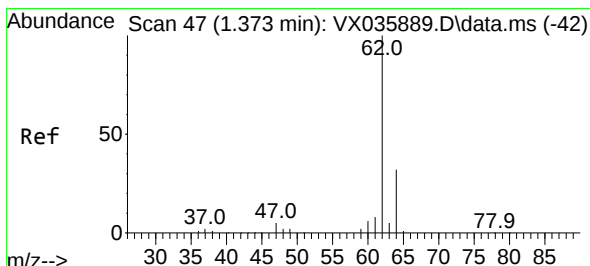
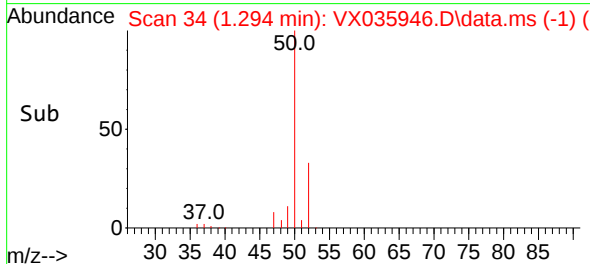
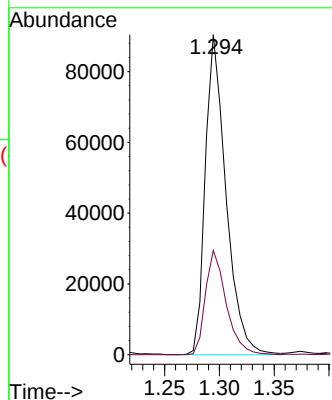
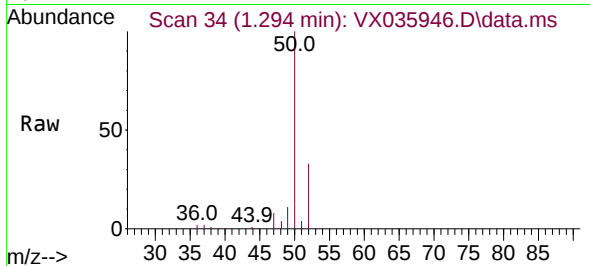
#3
Chloromethane
Concen: 45.938 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX035946.D
Acq: 01 Jun 2023 09:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 11863
Ion Ratio Lower Upper
50 100
52 32.6 25.4 38.2

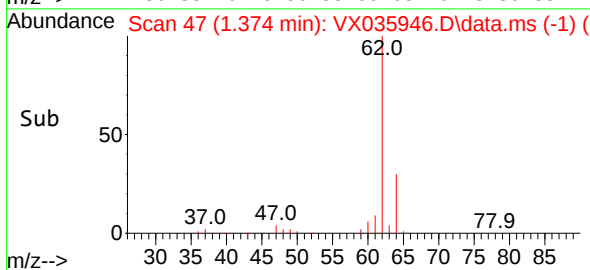
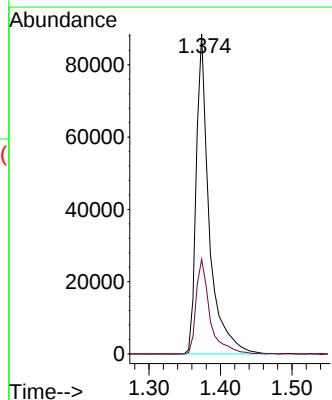
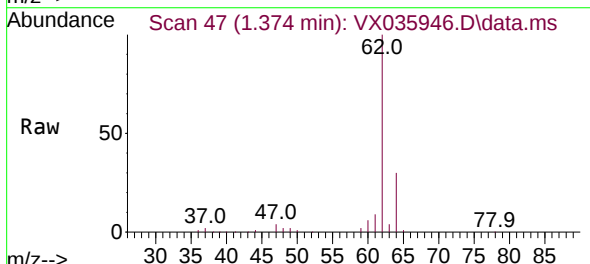
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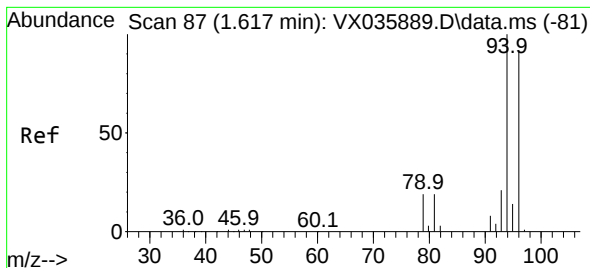
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#4
Vinyl Chloride
Concen: 45.943 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.001 min
Lab File: VX035946.D
Acq: 01 Jun 2023 09:29

Tgt Ion: 62 Resp: 111452
Ion Ratio Lower Upper
62 100
64 29.6 25.2 37.8





#5

Bromomethane

Concen: 45.942 ug/l

RT: 1.618 min Scan# 81

Delta R.T. 0.001 min

Lab File: VX035946.D

Acq: 01 Jun 2023 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 73404

Ion Ratio Lower Upper

94 100

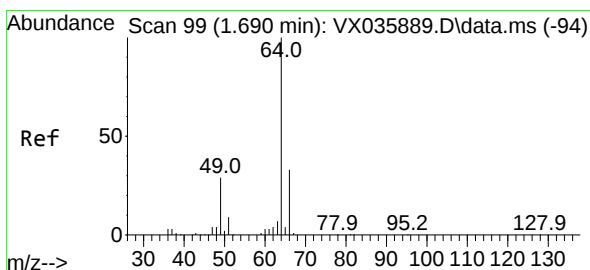
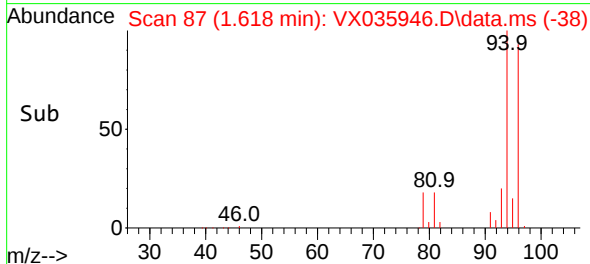
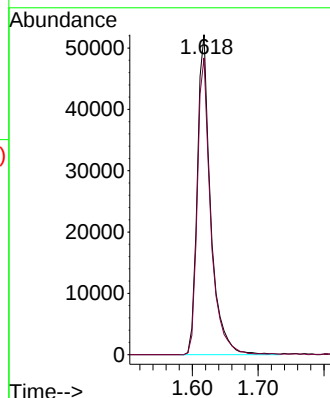
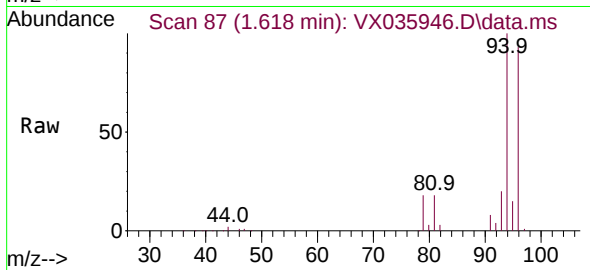
96 92.8 73.5 110.3

Manual Integrations

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#6

Chloroethane

Concen: 48.569 ug/l

RT: 1.691 min Scan# 99

Delta R.T. 0.001 min

Lab File: VX035946.D

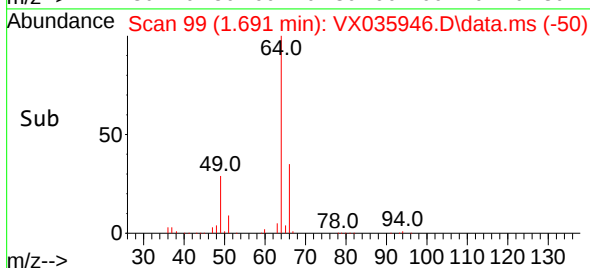
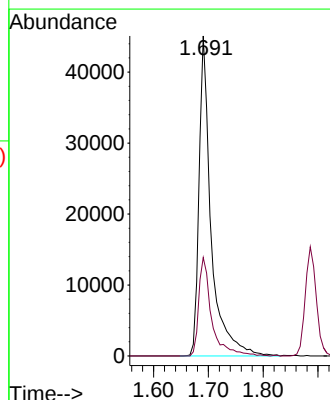
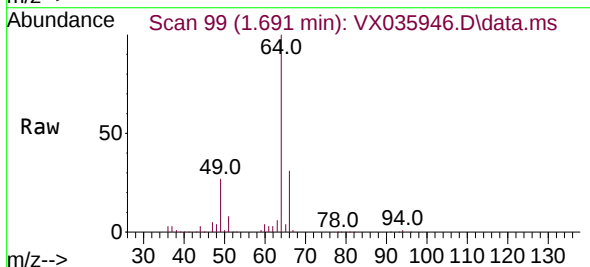
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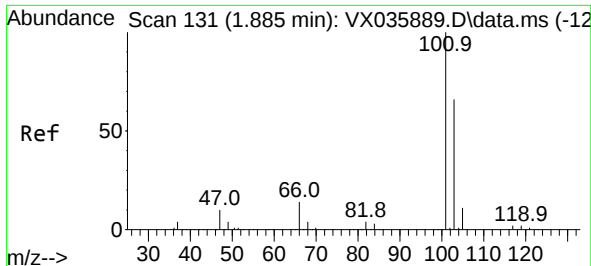
Tgt Ion: 64 Resp: 69376

Ion Ratio Lower Upper

64 100

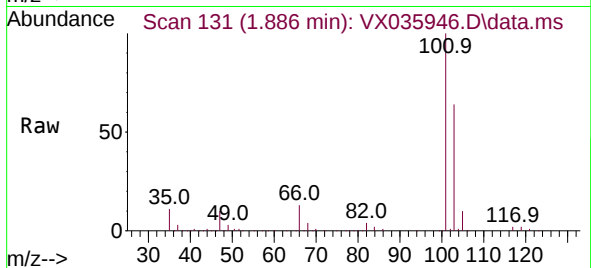
66 30.7 26.0 39.0





#7
 Trichlorofluoromethane
 Concen: 46.270 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. 0.001 min
 Lab File: VX035946.D
 Acq: 01 Jun 2023 09:29

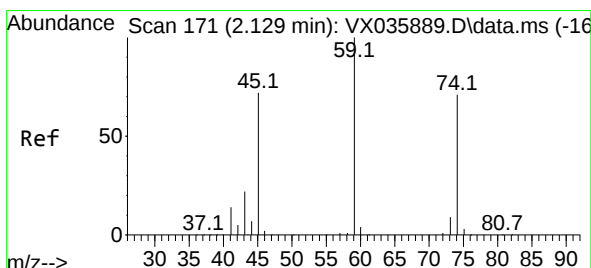
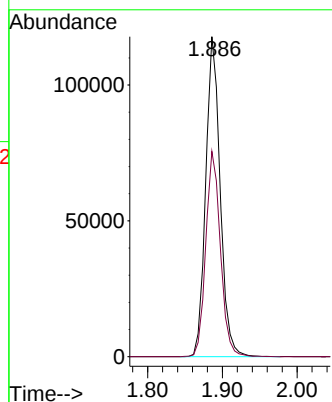
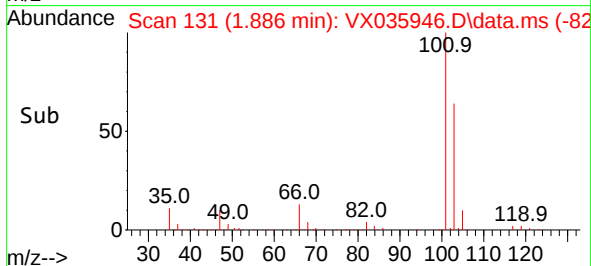
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



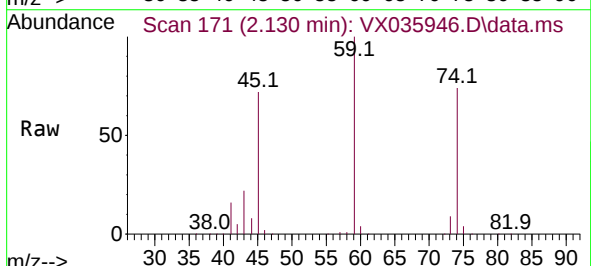
Tgt Ion:101 Resp: 157940
 Ion Ratio Lower Upper
 101 100
 103 64.2 53.2 79.8

Manual Integrations
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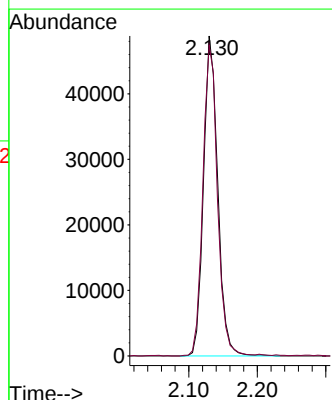
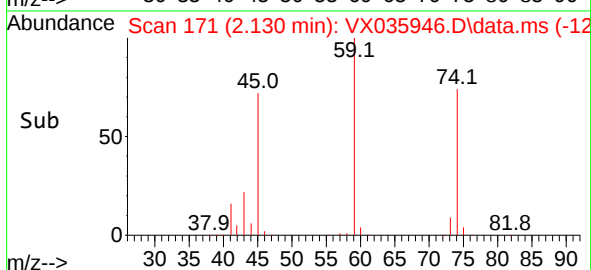
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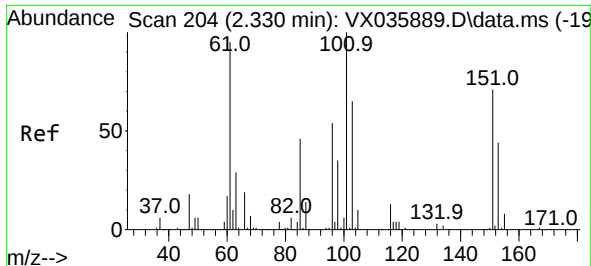


#8
 Diethyl Ether
 Concen: 47.636 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. 0.001 min
 Lab File: VX035946.D
 Acq: 01 Jun 2023 09:29



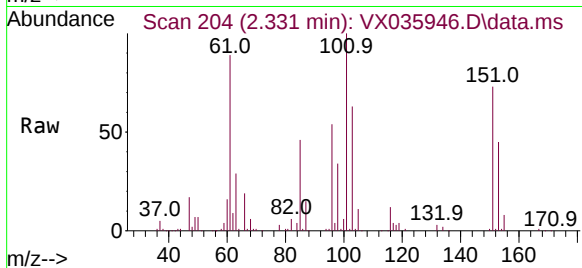
Tgt Ion: 74 Resp: 70619
 Ion Ratio Lower Upper
 74 100
 45 99.7 50.6 151.9





#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.498 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.001 min
Lab File: VX035946.D
Acq: 01 Jun 2023 09:29

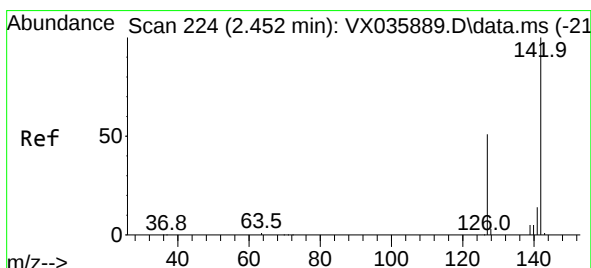
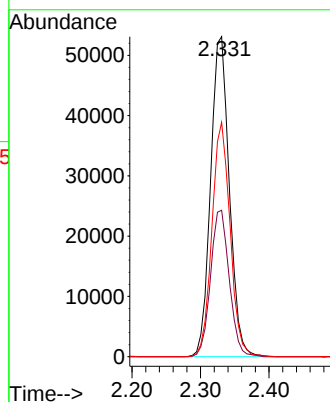
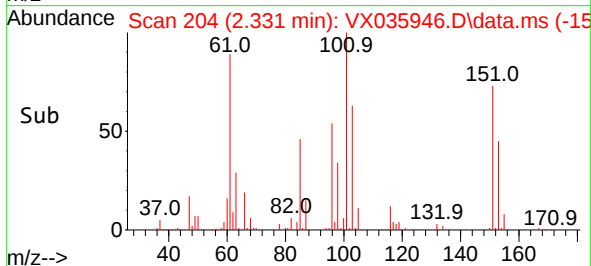
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 100629
Ion Ratio Lower Upper
101 100
85 45.7 37.3 55.9
151 71.1 57.0 85.6

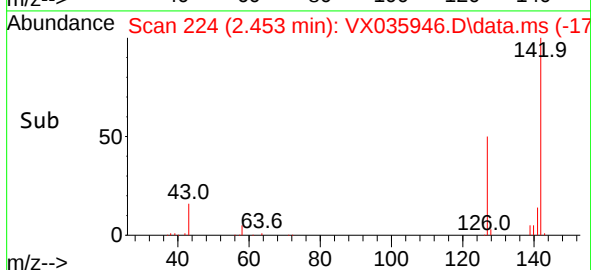
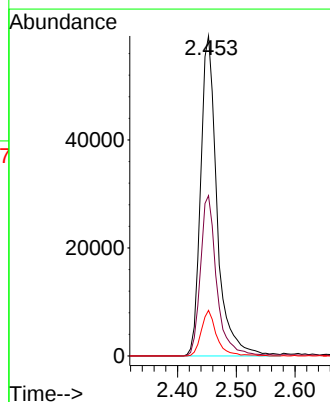
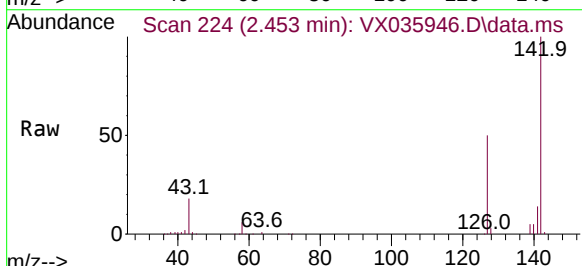
Manual Integrations
APPROVED

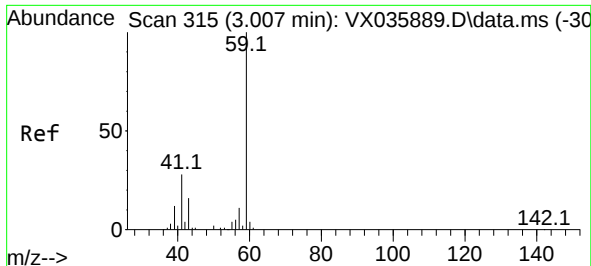
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#10
Methyl Iodide
Concen: 46.218 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.001 min
Lab File: VX035946.D
Acq: 01 Jun 2023 09:29

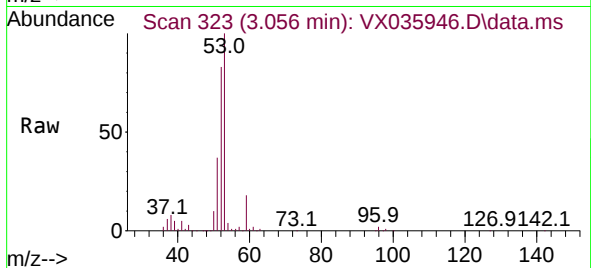
Tgt Ion:142 Resp: 115262
Ion Ratio Lower Upper
142 100
127 49.5 40.3 60.5
141 13.4 11.4 17.0





#11
Tert butyl alcohol
Concen: 235.114 ug/l m
RT: 3.056 min Scan# 315
Delta R.T. 0.049 min
Lab File: VX035946.D
Acq: 01 Jun 2023 09:29

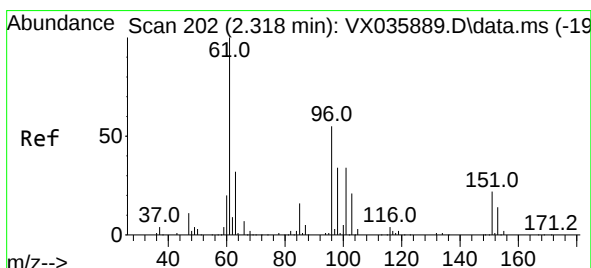
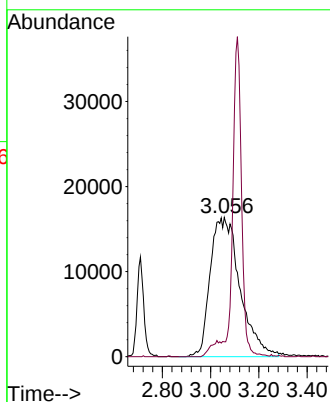
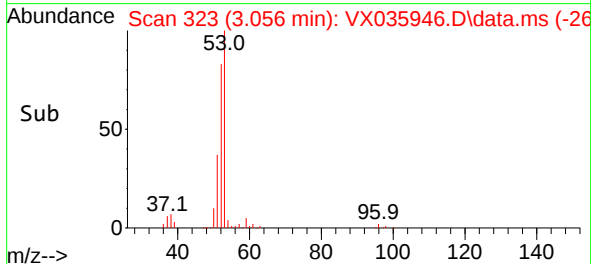
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 140215
Ion Ratio Lower Upper
59 100
57 4.1 6.0 9.0

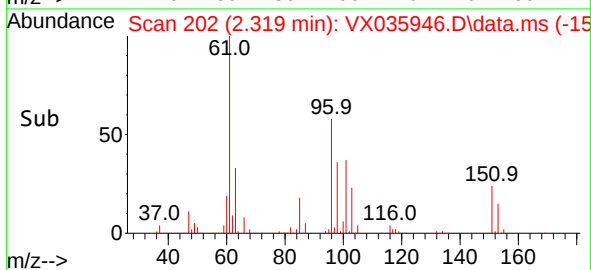
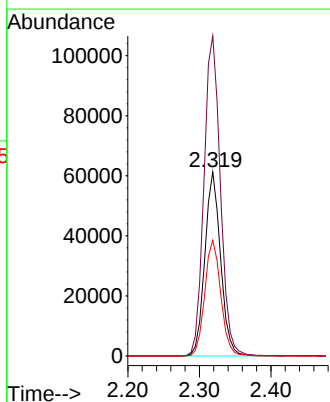
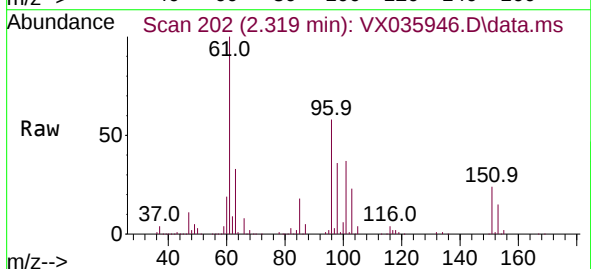
Manual Integrations
APPROVED

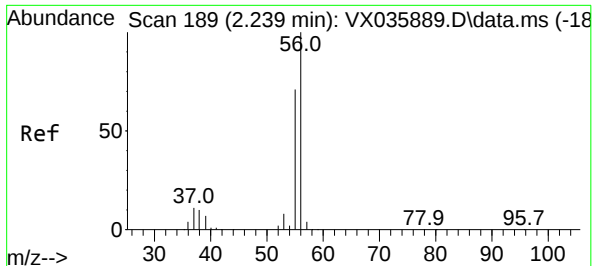
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#12
1,1-Dichloroethene
Concen: 45.233 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.001 min
Lab File: VX035946.D
Acq: 01 Jun 2023 09:29

Tgt Ion: 96 Resp: 93842
Ion Ratio Lower Upper
96 100
61 173.9 145.2 217.8
98 62.8 49.3 73.9





#13

Acrolein

Concen: 238.107 ug/l

RT: 2.239 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX035946.D

Acq: 01 Jun 2023 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 13678

Ion Ratio Lower Upper

56 100

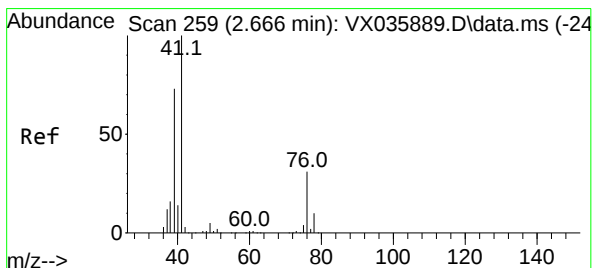
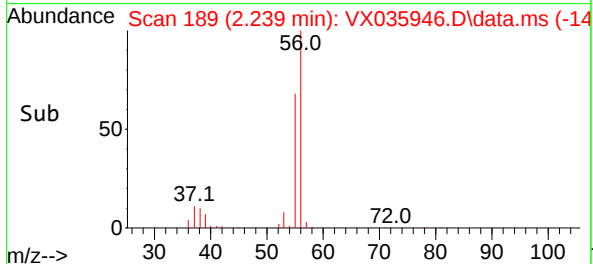
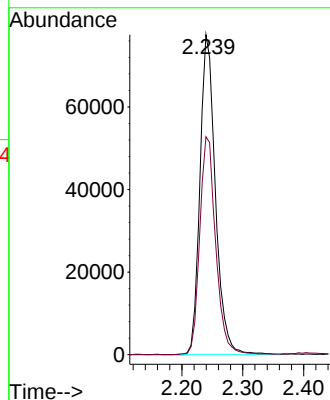
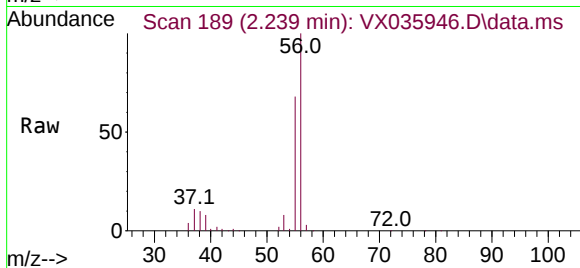
55 70.5 57.3 85.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2023

Supervised By :Semsettin Yesilyurt 06/02/2023



#14

Allyl chloride

Concen: 47.974 ug/l

RT: 2.660 min Scan# 258

Delta R.T. -0.006 min

Lab File: VX035946.D

Acq: 01 Jun 2023 09:29

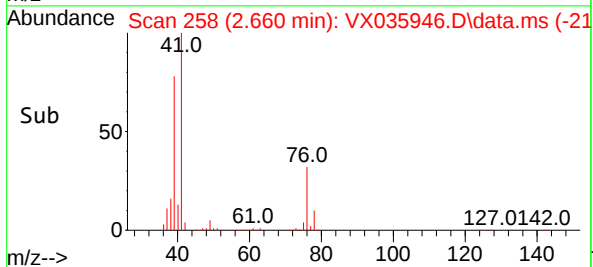
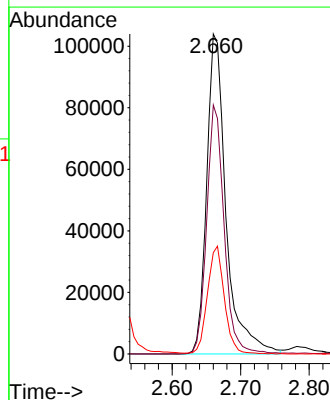
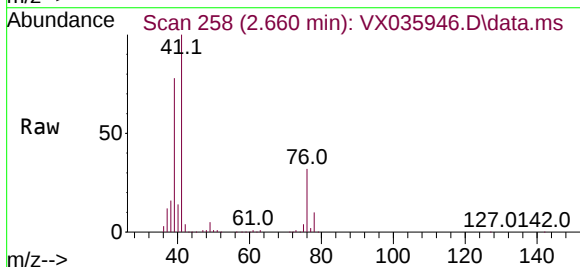
Tgt Ion: 41 Resp: 204600

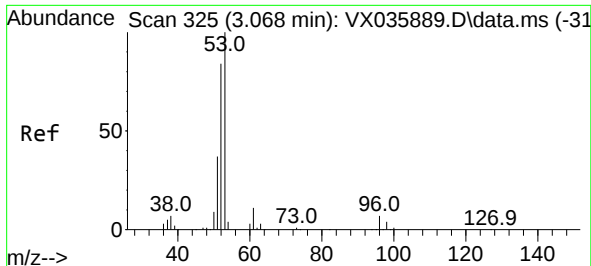
Ion Ratio Lower Upper

41 100

39 70.2 56.9 85.3

76 29.6 24.1 36.1





#15

Acrylonitrile

Concen: 240.141 ug/l

RT: 3.069 min Scan# 31

Delta R.T. 0.001 min

Lab File: VX035946.D

Acq: 01 Jun 2023 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

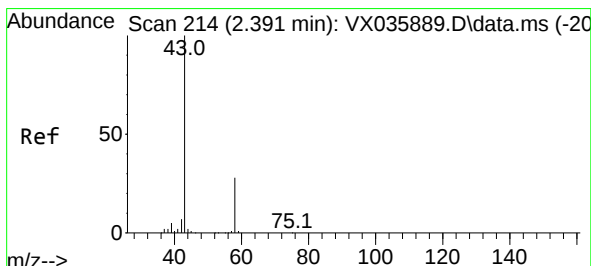
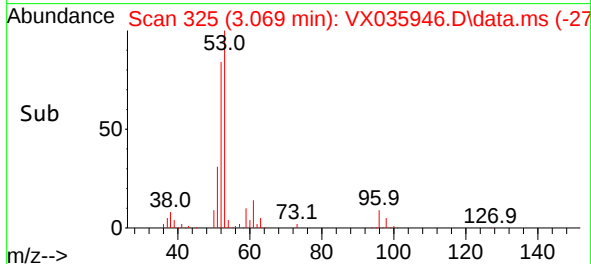
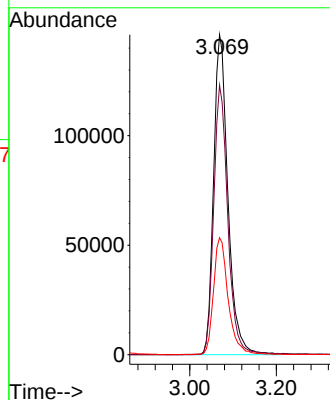
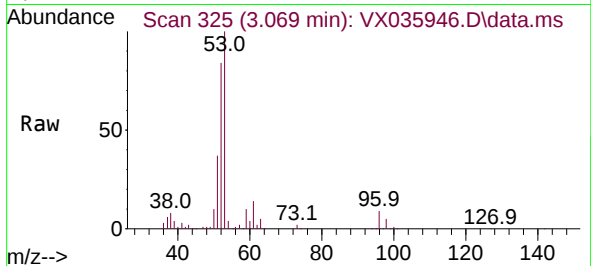
Tgt Ion: 53	Resp: 33648
Ion Ratio	Lower Upper
53	100
52	82.9 67.0 100.4
51	37.4 29.8 44.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2023

Supervised By :Semsettin Yesilyurt 06/02/2023



#16

Acetone

Concen: 262.570 ug/l

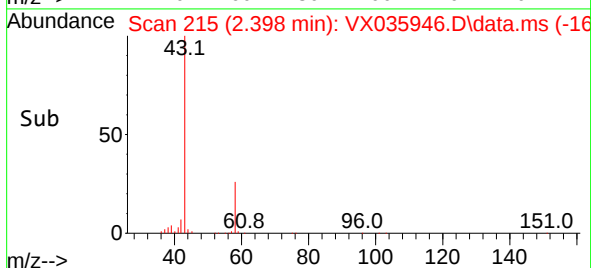
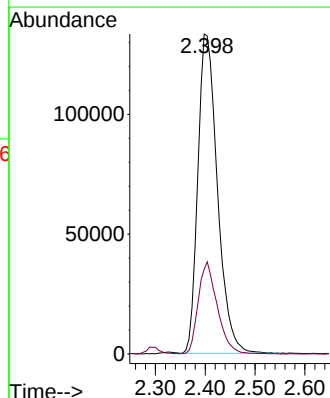
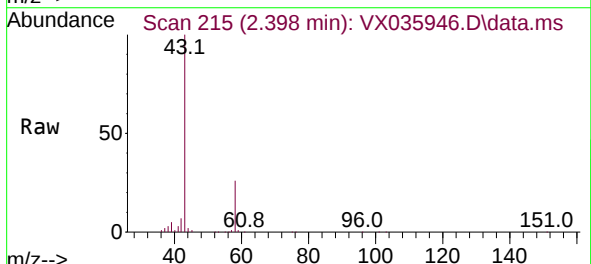
RT: 2.398 min Scan# 215

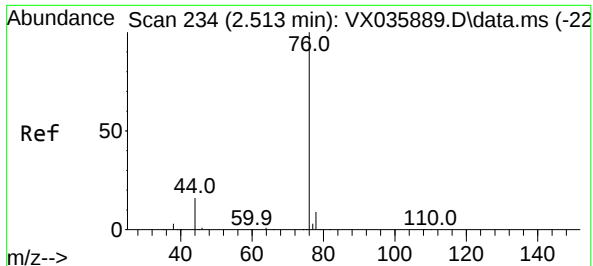
Delta R.T. 0.007 min

Lab File: VX035946.D

Acq: 01 Jun 2023 09:29

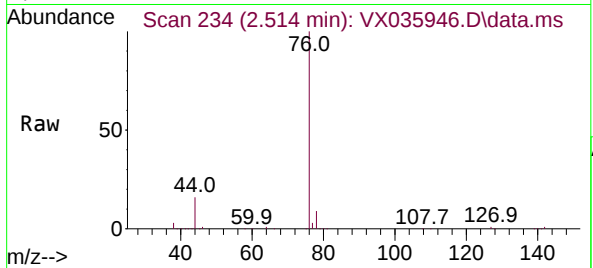
Tgt Ion: 43	Resp: 363765
Ion Ratio	Lower Upper
43	100
58	26.5 22.2 33.2





#17
Carbon Disulfide
Concen: 44.807 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.001 min
Lab File: VX035946.D
Acq: 01 Jun 2023 09:29

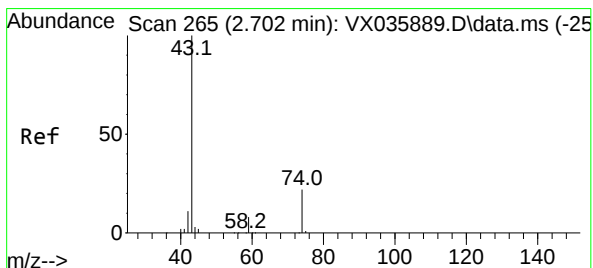
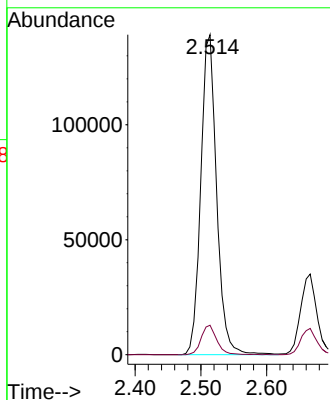
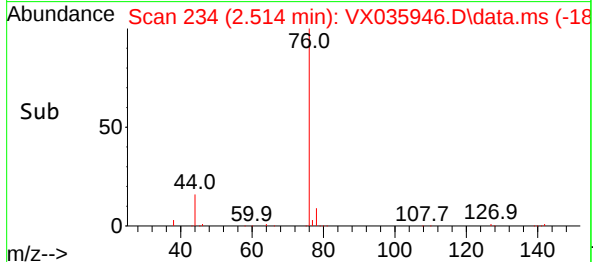
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 232935
Ion Ratio Lower Upper
76 100
78 9.2 7.6 11.4

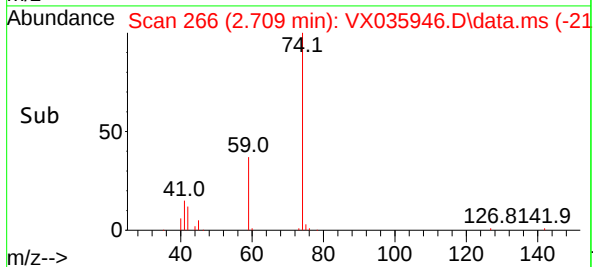
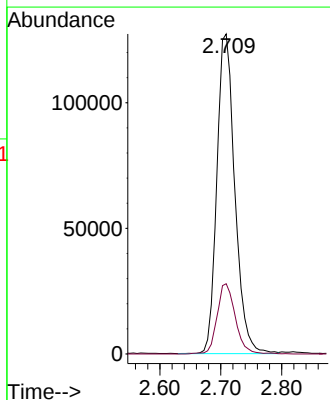
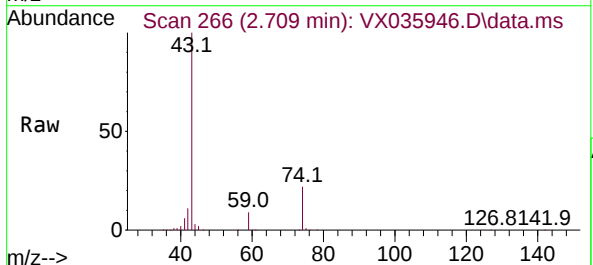
Manual Integrations
APPROVED

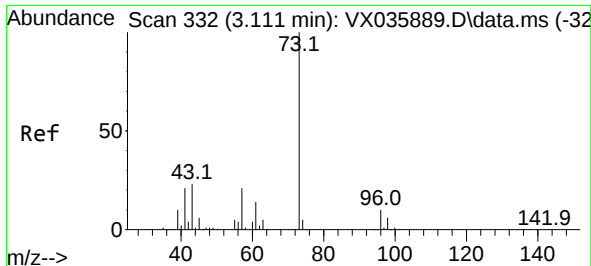
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#18
Methyl Acetate
Concen: 48.352 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.007 min
Lab File: VX035946.D
Acq: 01 Jun 2023 09:29

Tgt Ion: 43 Resp: 260418
Ion Ratio Lower Upper
43 100
74 22.3 17.7 26.5





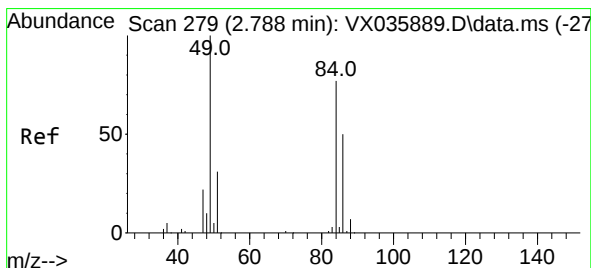
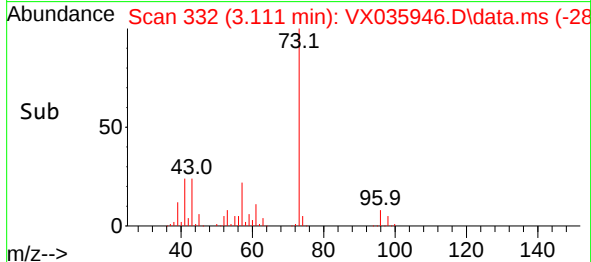
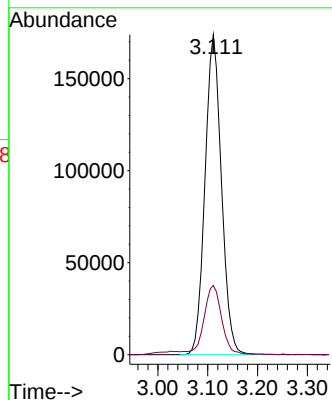
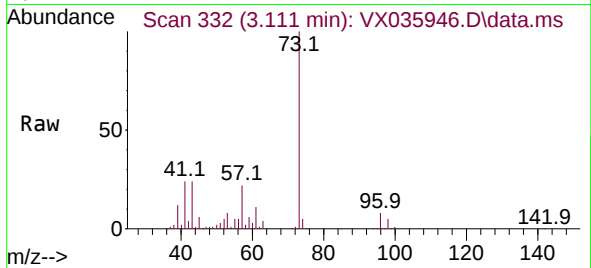
#19
Methyl tert-butyl Ether
Concen: 48.988 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX035946.D
Acq: 01 Jun 2023 09:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 39812
Ion Ratio Lower Upper
73 100
57 21.6 17.6 26.4

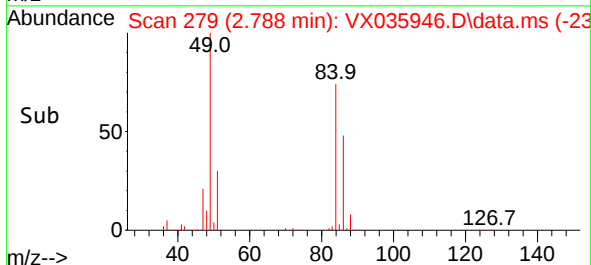
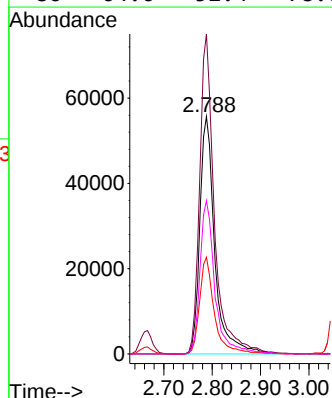
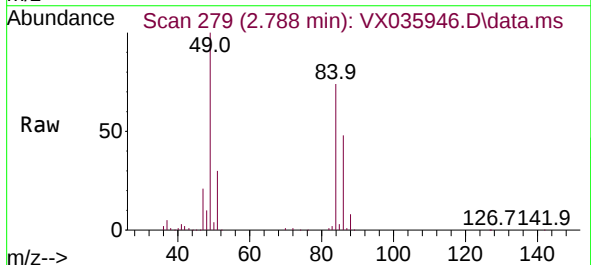
Manual Integrations
APPROVED

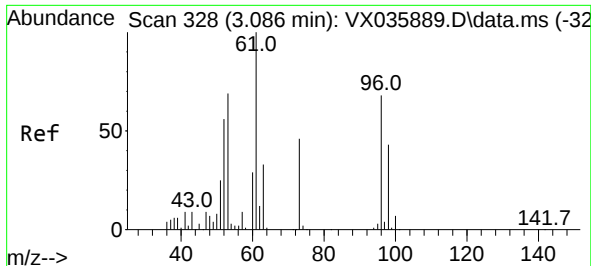
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#20
Methylene Chloride
Concen: 44.967 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX035946.D
Acq: 01 Jun 2023 09:29

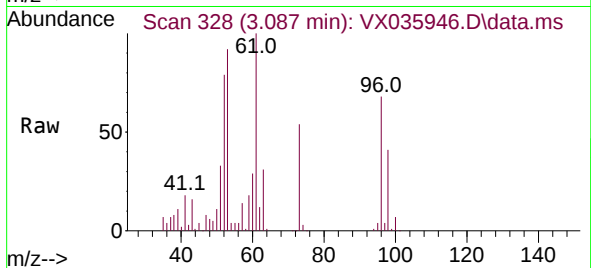
Tgt Ion: 84 Resp: 120003
Ion Ratio Lower Upper
84 100
49 134.8 104.6 156.8
51 40.7 32.2 48.4
86 64.6 52.4 78.6





#21
trans-1,2-Dichloroethene
Concen: 46.377 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.001 min
Lab File: VX035946.D
Acq: 01 Jun 2023 09:29

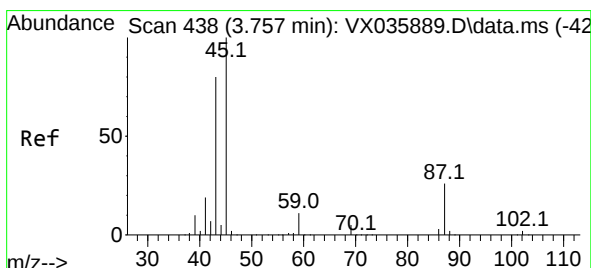
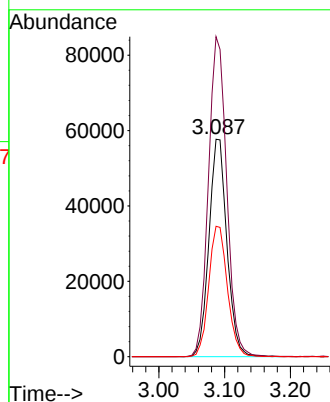
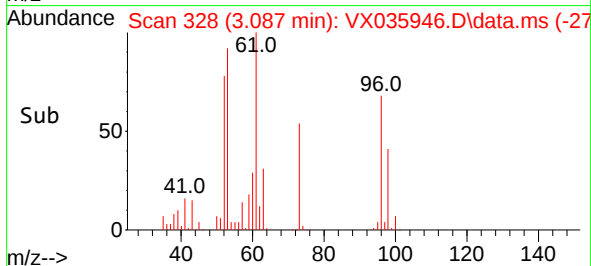
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



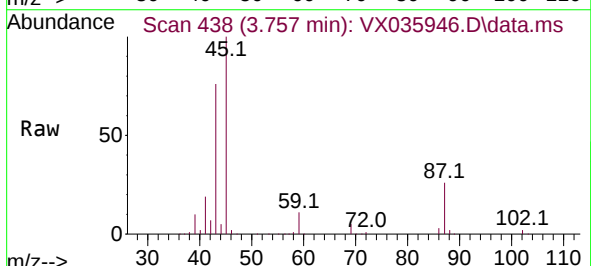
Tgt Ion: 96 Resp: 10998
Ion Ratio Lower Upper
96 100
61 147.0 118.2 177.4
98 60.0 50.6 75.8

Manual Integrations
APPROVED

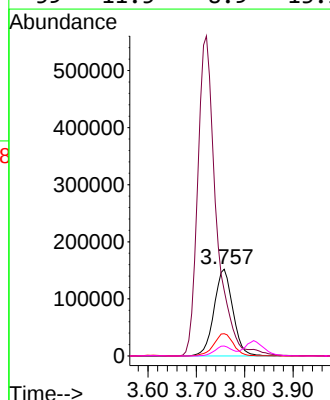
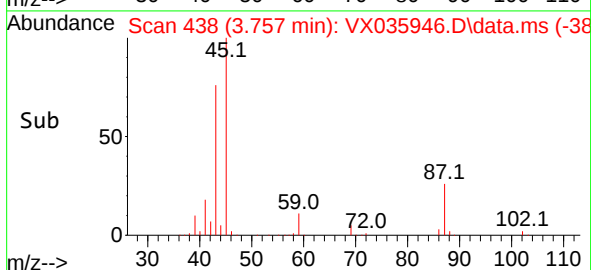
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023

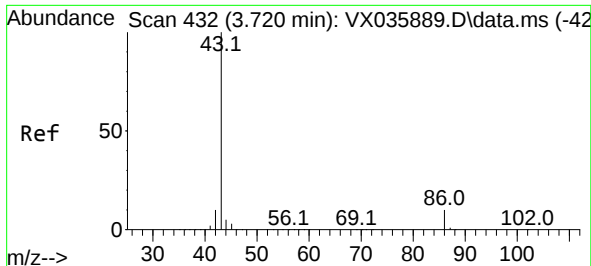


#22
Diisopropyl ether
Concen: 49.565 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX035946.D
Acq: 01 Jun 2023 09:29



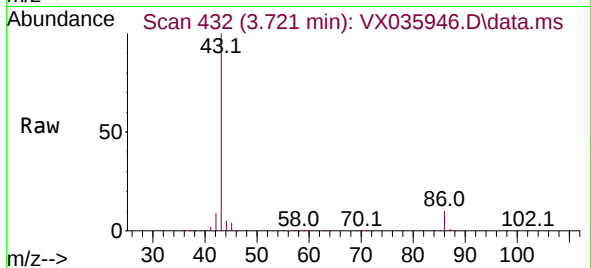
Tgt Ion: 45 Resp: 411160
Ion Ratio Lower Upper
45 100
43 75.5 63.8 95.6
87 25.7 20.6 31.0
59 11.5 8.9 13.3





#23
Vinyl Acetate
Concen: 256.929 ug/l
RT: 3.721 min Scan# 413
Delta R.T. 0.001 min
Lab File: VX035946.D
Acq: 01 Jun 2023 09:29

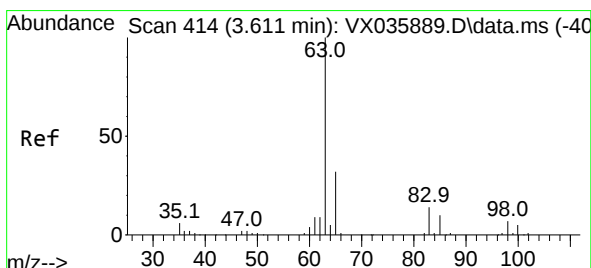
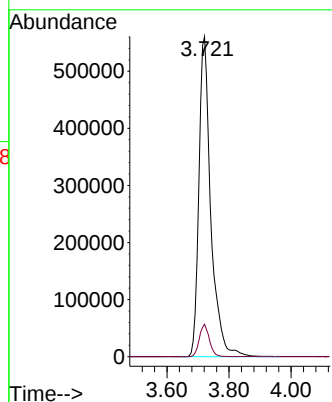
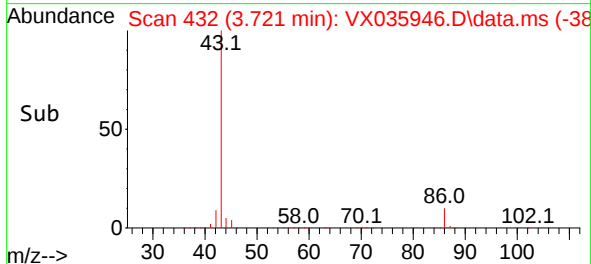
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



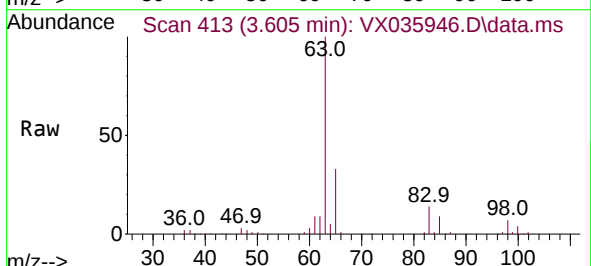
Tgt Ion: 43 Resp: 1497410
Ion Ratio Lower Upper
43 100
86 10.2 7.8 11.6

Manual Integrations
APPROVED

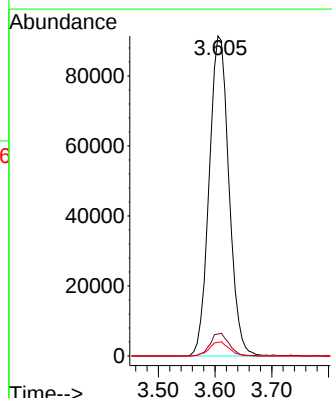
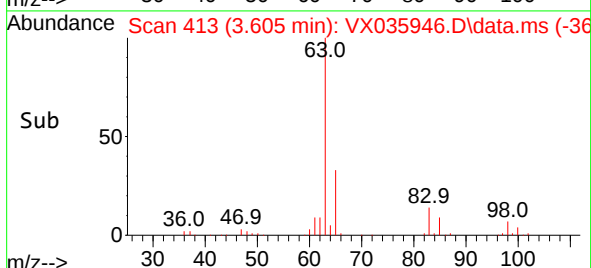
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023

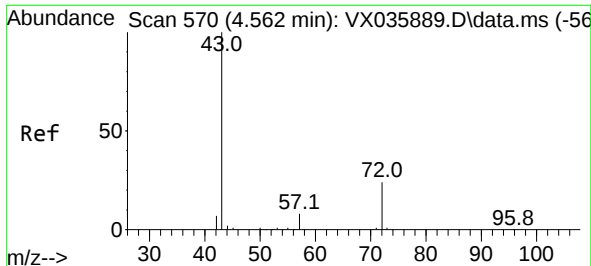


#24
1,1-Dichloroethane
Concen: 48.204 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.006 min
Lab File: VX035946.D
Acq: 01 Jun 2023 09:29



Tgt Ion: 63 Resp: 221782
Ion Ratio Lower Upper
63 100
98 6.8 3.5 10.5
100 4.2 2.3 6.9





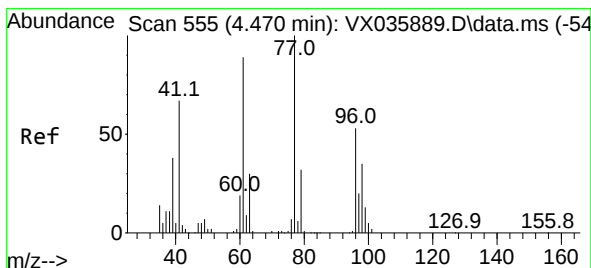
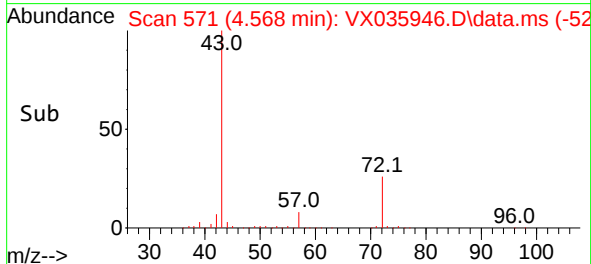
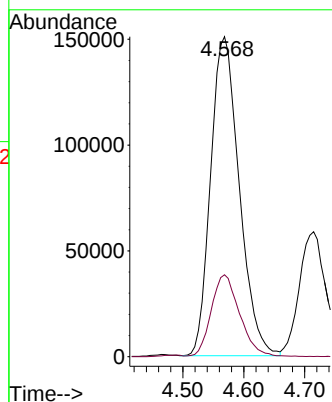
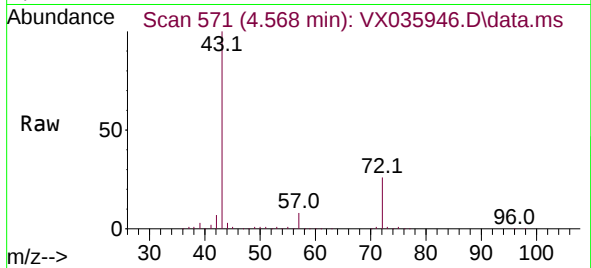
#25
2-Butanone
Concen: 248.506 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX035946.D
Acq: 01 Jun 2023 09:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 49276
Ion Ratio Lower Upper
43 100
72 25.4 19.4 29.2

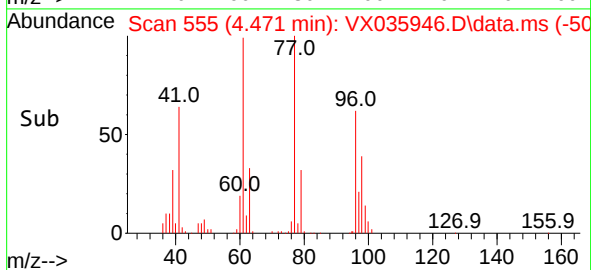
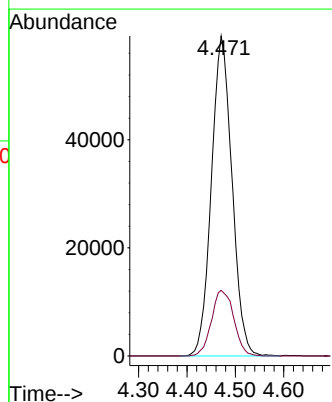
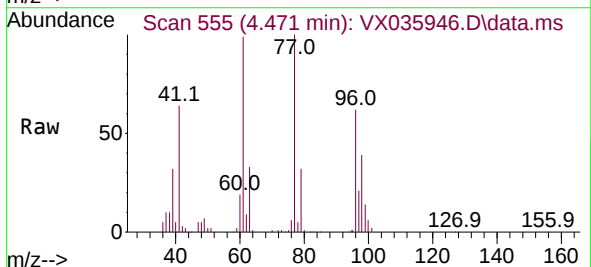
Manual Integrations
APPROVED

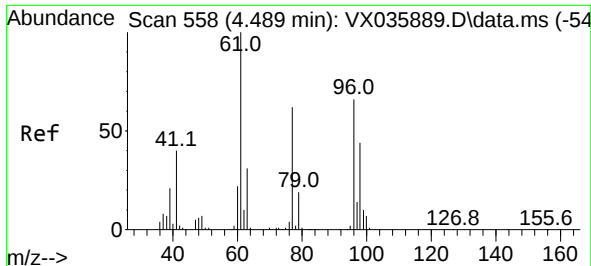
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#26
2,2-Dichloropropane
Concen: 49.944 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.001 min
Lab File: VX035946.D
Acq: 01 Jun 2023 09:29

Tgt Ion: 77 Resp: 175153
Ion Ratio Lower Upper
77 100
97 22.1 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 47.200 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX035946.D

Acq: 01 Jun 2023 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 134349

Ion Ratio Lower Upper

96 100

61 151.0 0.0 312.6

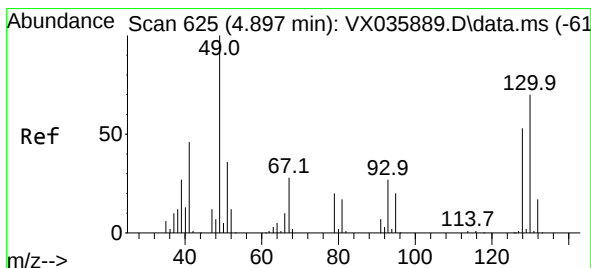
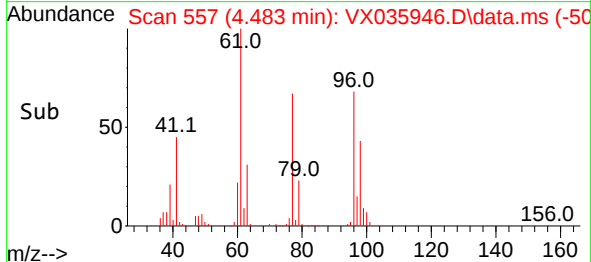
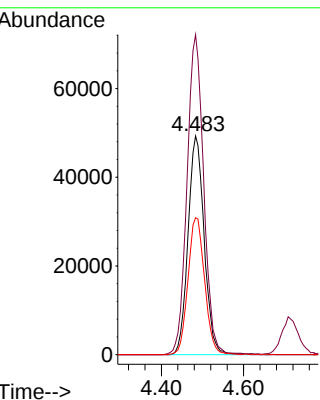
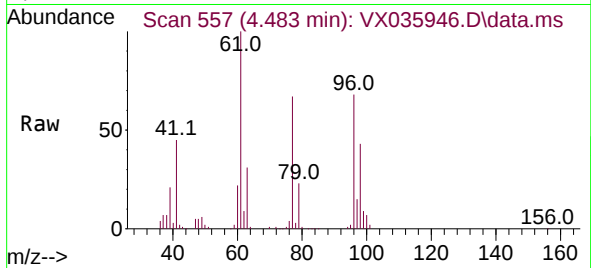
98 64.6 0.0 130.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2023

Supervised By :Semsettin Yesilyurt 06/02/2023



#28

Bromochloromethane

Concen: 50.207 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX035946.D

Acq: 01 Jun 2023 09:29

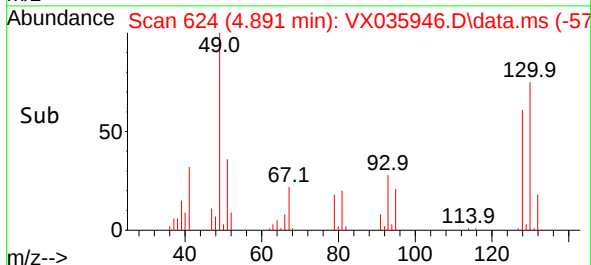
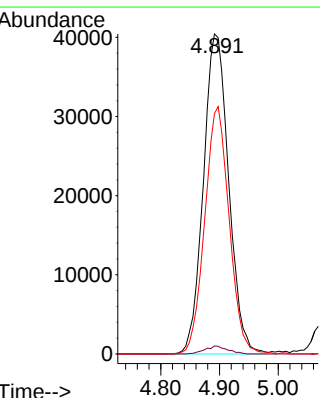
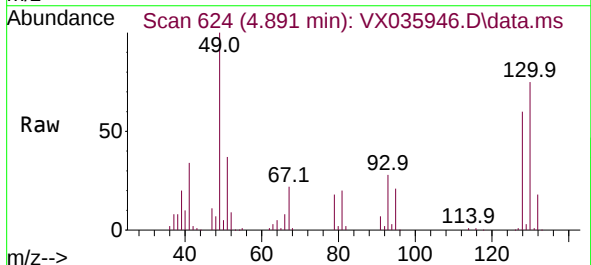
Tgt Ion: 49 Resp: 120966

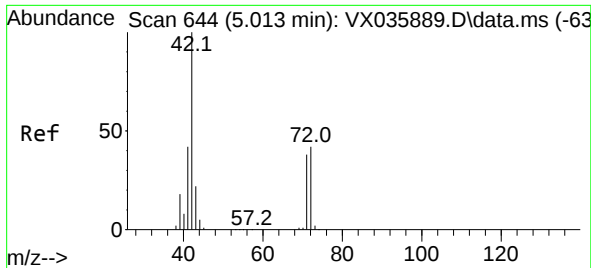
Ion Ratio Lower Upper

49 100

129 2.2 0.0 3.6

130 74.6 55.8 83.8





#29

Tetrahydrofuran

Concen: 241.014 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.000 min

Lab File: VX035946.D

Acq: 01 Jun 2023 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 30796

Ion Ratio Lower Upper

42 100

72 43.8 34.2 51.2

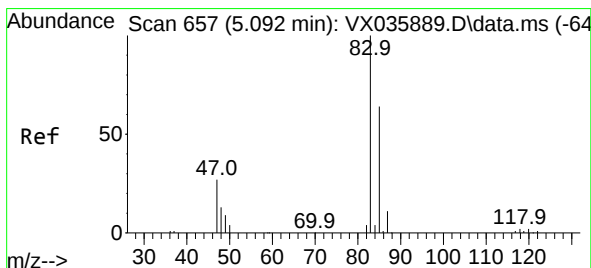
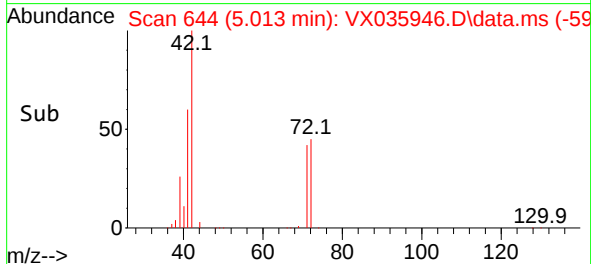
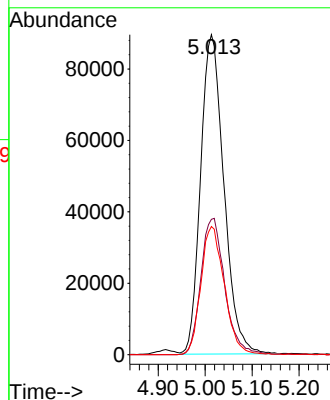
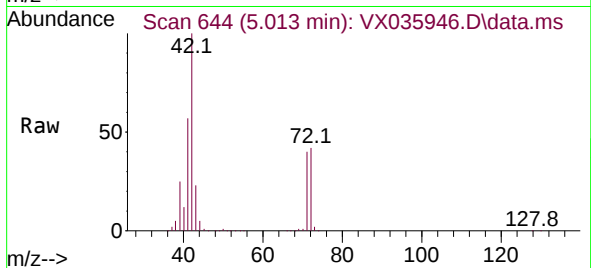
71 40.4 31.8 47.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2023

Supervised By :Semsettin Yesilyurt 06/02/2023



#30

Chloroform

Concen: 48.524 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.001 min

Lab File: VX035946.D

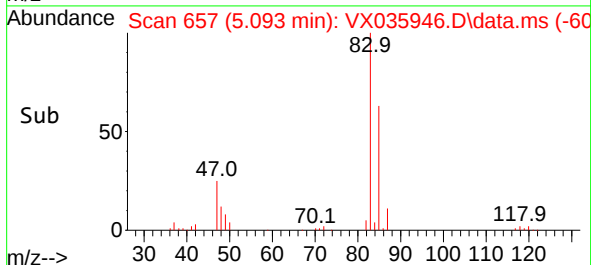
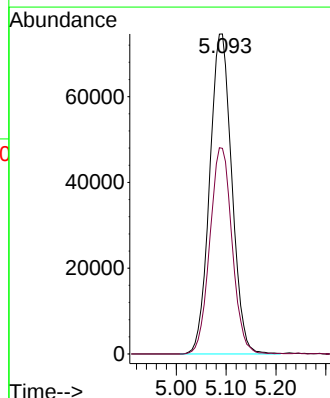
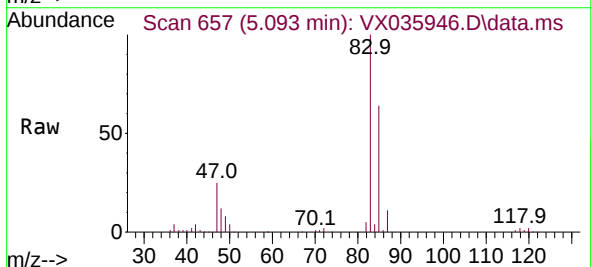
Acq: 01 Jun 2023 09:29

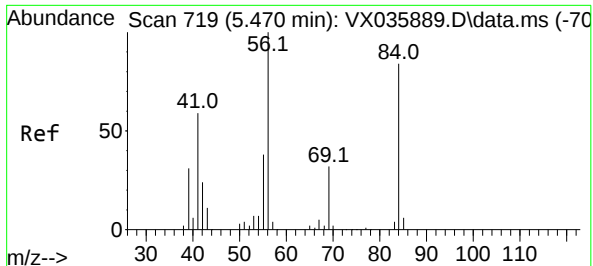
Tgt Ion: 83 Resp: 229956

Ion Ratio Lower Upper

83 100

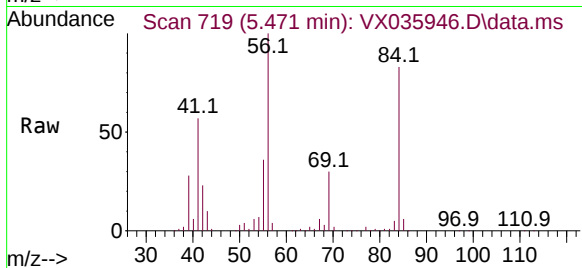
85 64.3 51.0 76.4





#31
Cyclohexane
Concen: 49.197 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.001 min
Lab File: VX035946.D
Acq: 01 Jun 2023 09:29

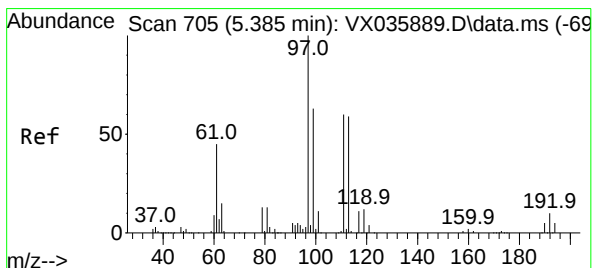
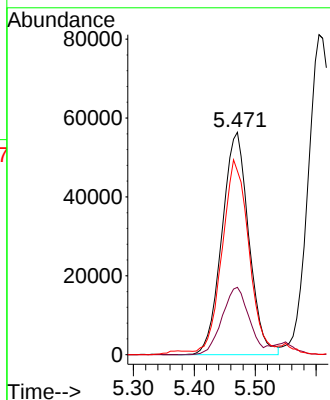
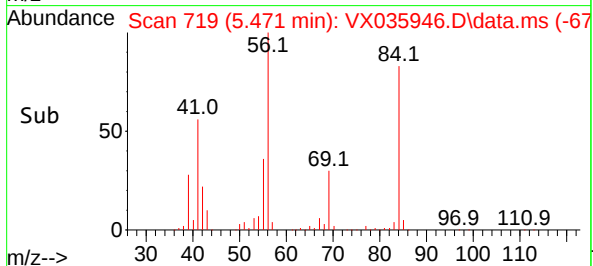
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



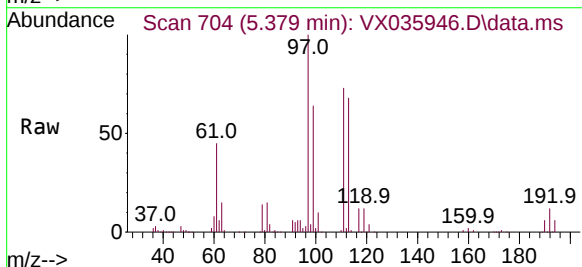
Tgt Ion: 56 Resp: 172970
Ion Ratio Lower Upper
56 100
69 30.3 25.9 38.9
84 80.9 67.6 101.4

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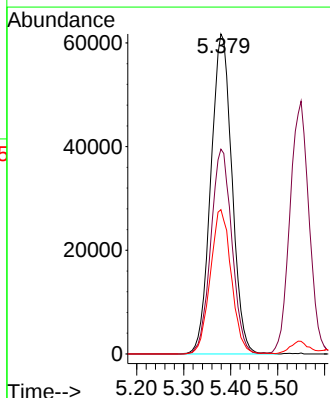
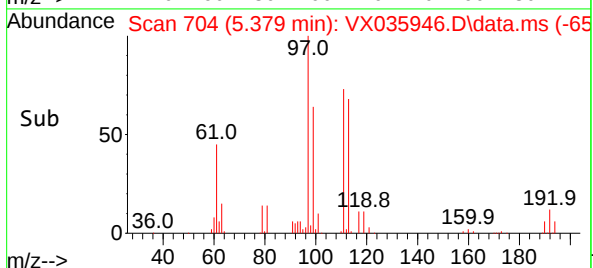
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023

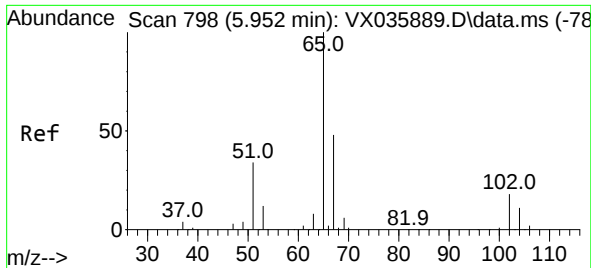


#32
1,1,1-Trichloroethane
Concen: 48.106 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX035946.D
Acq: 01 Jun 2023 09:29



Tgt Ion: 97 Resp: 192645
Ion Ratio Lower Upper
97 100
99 63.9 51.2 76.8
61 45.0 36.9 55.3





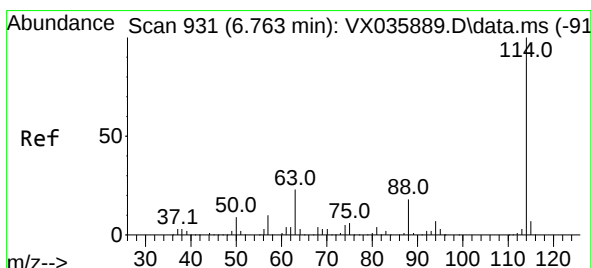
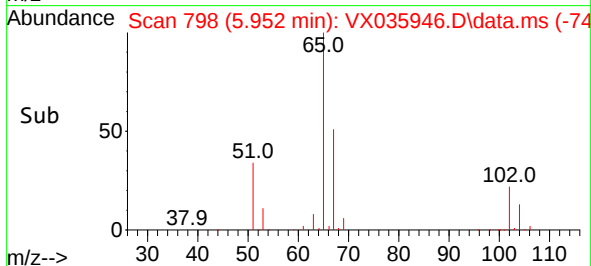
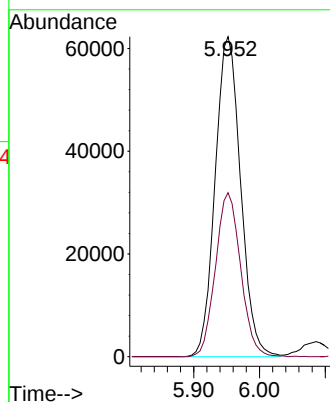
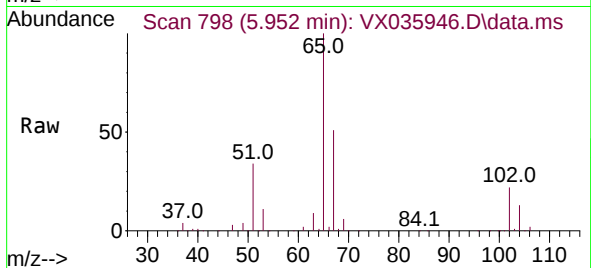
#33
1,2-Dichloroethane-d4
Concen: 50.042 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX035946.D
Acq: 01 Jun 2023 09:29

Instrument :
MSVOA_X
Client Sample Id :
VSTDCCC050

Tgt Ion: 65 Resp: 168040
Ion Ratio Lower Upper
65 100
67 50.5 0.0 99.6

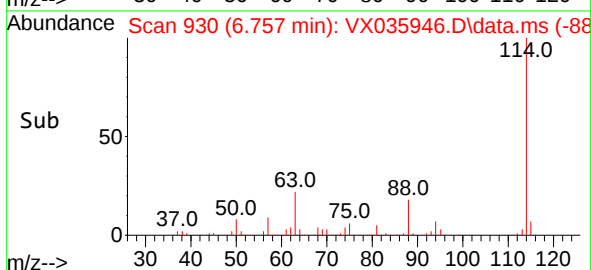
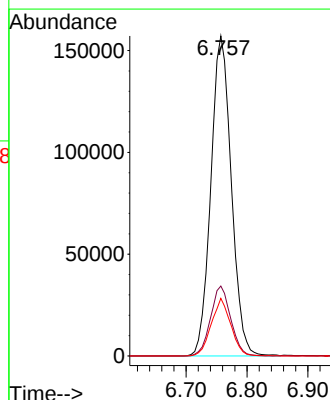
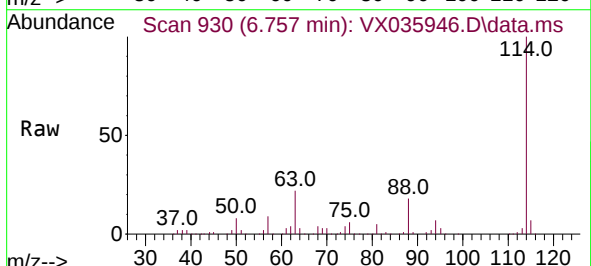
Manual Integrations
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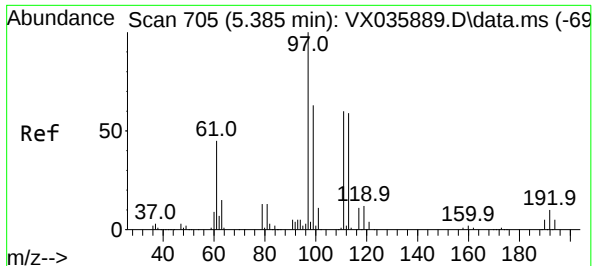
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX035946.D
Acq: 01 Jun 2023 09:29

Tgt Ion:114 Resp: 367079
Ion Ratio Lower Upper
114 100
63 21.9 0.0 46.0
88 18.0 0.0 35.2





#35

Dibromofluoromethane

Concen: 51.147 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX035946.D

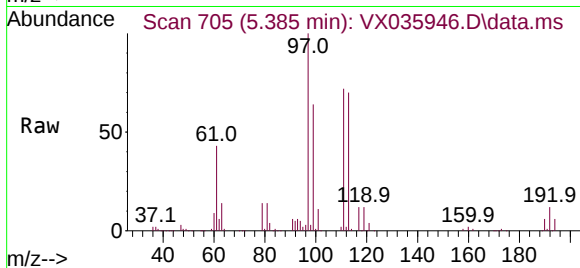
Acq: 01 Jun 2023 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



Tgt Ion:113 Resp: 126279

Ion Ratio Lower Upper

113 100

111 102.6 81.7 122.5

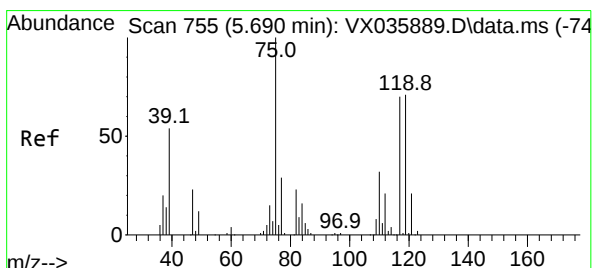
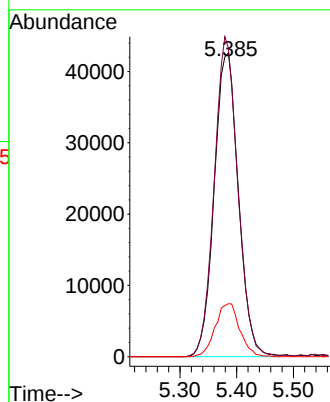
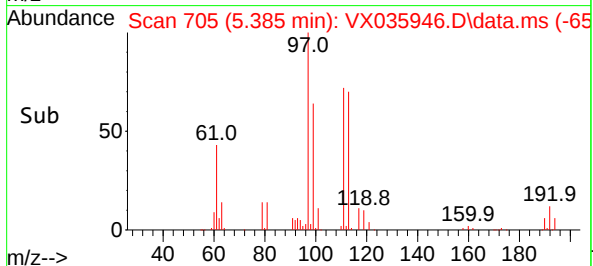
192 17.7 13.5 20.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2023

Supervised By :Semsettin Yesilyurt 06/02/2023



#36

1,1-Dichloropropene

Concen: 47.873 ug/l

RT: 5.690 min Scan# 755

Delta R.T. 0.000 min

Lab File: VX035946.D

Acq: 01 Jun 2023 09:29

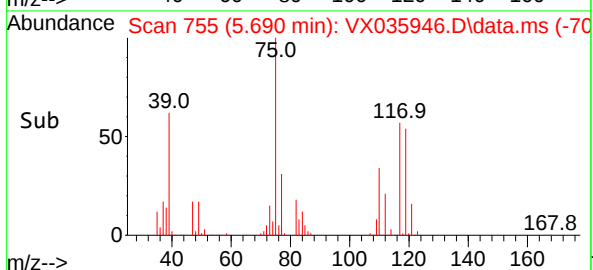
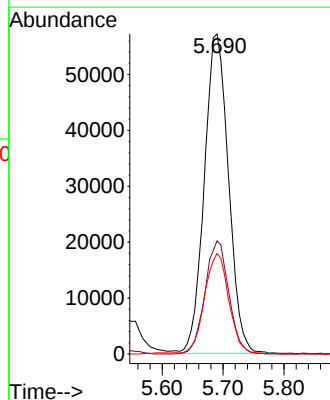
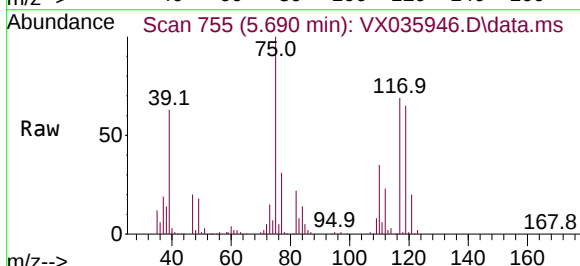
Tgt Ion: 75 Resp: 157594

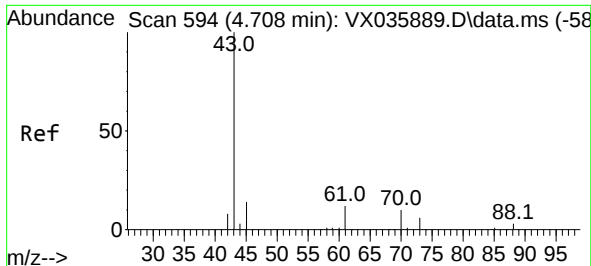
Ion Ratio Lower Upper

75 100

110 34.8 16.6 49.7

77 31.5 24.4 36.6





#37

Ethyl Acetate

Concen: 49.951 ug/l

RT: 4.715 min Scan# 594

Delta R.T. 0.007 min

Lab File: VX035946.D

Acq: 01 Jun 2023 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 183129

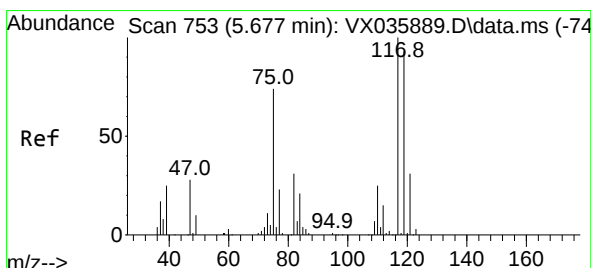
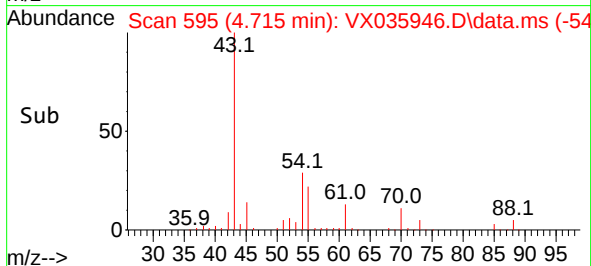
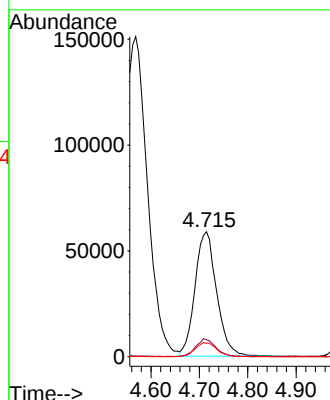
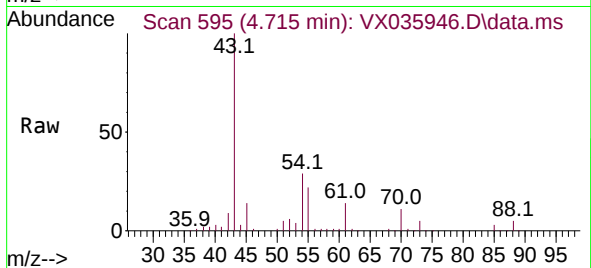
Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.3	15.5
70	11.3	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2023

Supervised By :Semsettin Yesilyurt 06/02/2023



#38

Carbon Tetrachloride

Concen: 49.434 ug/l

RT: 5.672 min Scan# 752

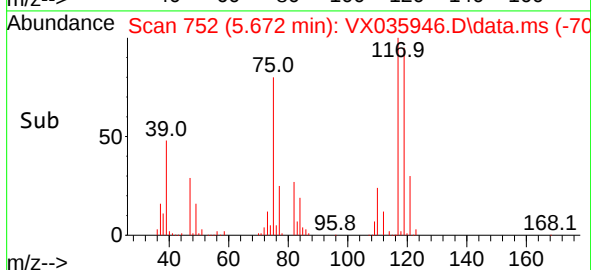
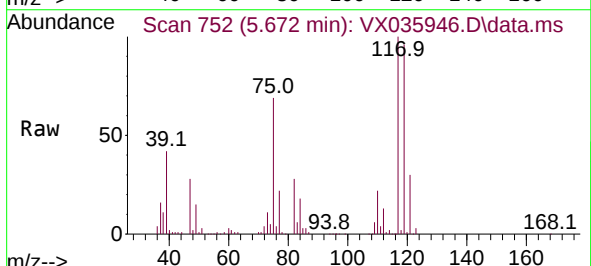
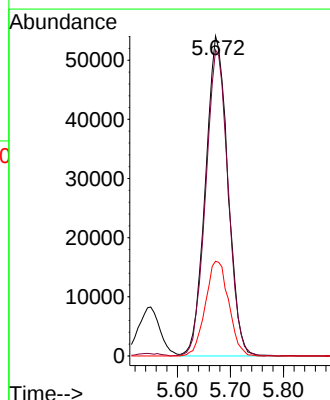
Delta R.T. -0.005 min

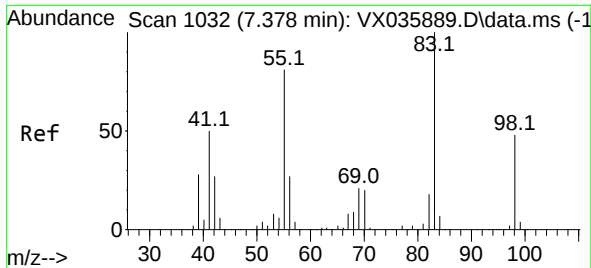
Lab File: VX035946.D

Acq: 01 Jun 2023 09:29

Tgt Ion:117 Resp: 158585

Ion	Ratio	Lower	Upper
117	100		
119	95.6	74.1	111.1
121	29.6	25.0	37.4





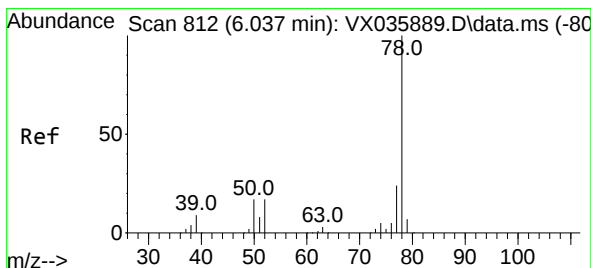
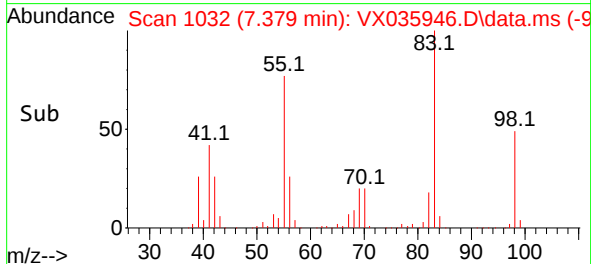
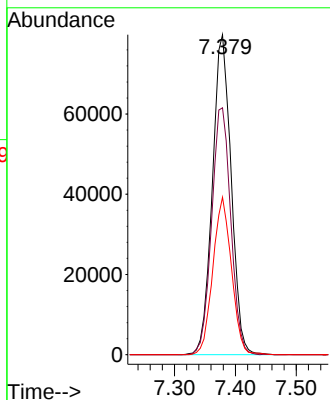
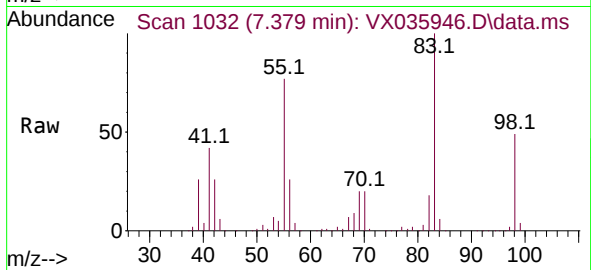
#39
Methylcyclohexane
Concen: 49.626 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.001 min
Lab File: VX035946.D
Acq: 01 Jun 2023 09:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 170452
Ion Ratio Lower Upper
83 100
55 77.2 64.9 97.3
98 49.2 38.1 57.1

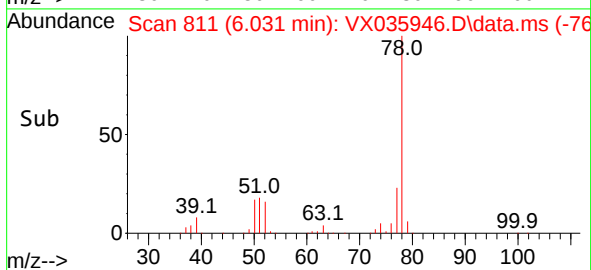
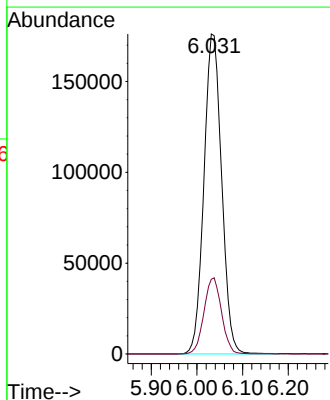
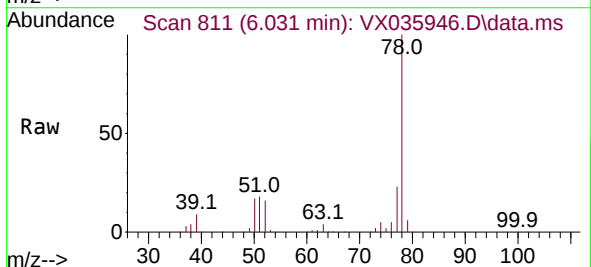
Manual Integrations
APPROVED

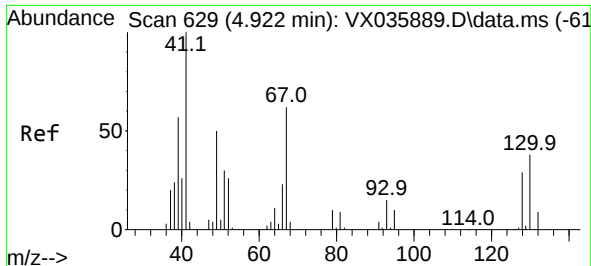
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#40
Benzene
Concen: 47.946 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX035946.D
Acq: 01 Jun 2023 09:29

Tgt Ion: 78 Resp: 473713
Ion Ratio Lower Upper
78 100
77 23.4 19.0 28.6





#41
Methacrylonitrile
Concen: 50.295 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX035946.D
Acq: 01 Jun 2023 09:29

Instrument :

MSVOA_X

ClientSampleId :

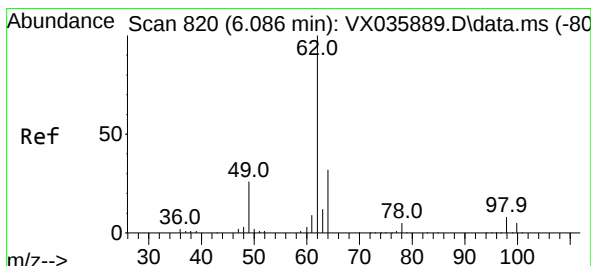
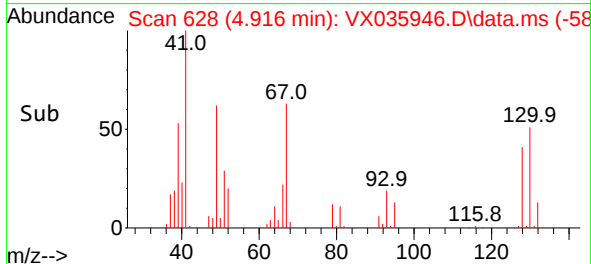
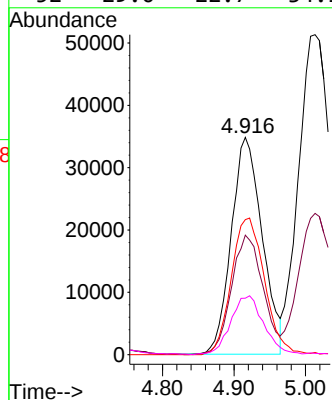
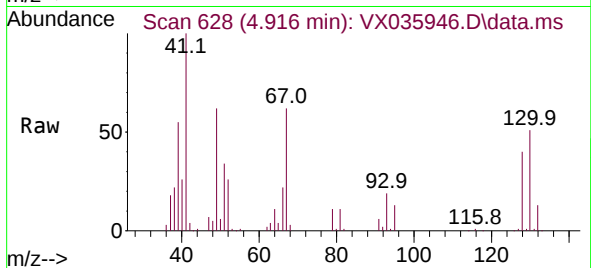
VSTDCCC050

Tgt Ion: 41 Resp: 10460
Ion Ratio Lower Upper
41 100
39 56.5 45.6 68.4
67 68.0 51.8 77.6
52 29.0 22.7 34.1

Manual Integrations

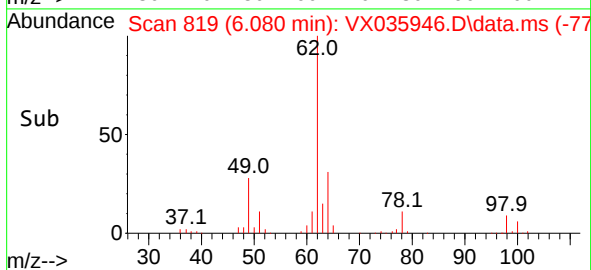
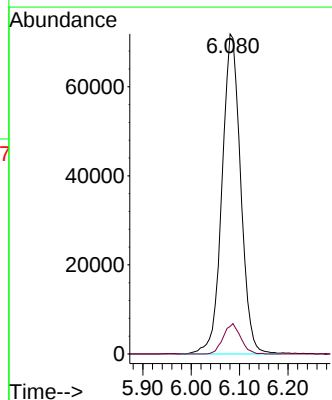
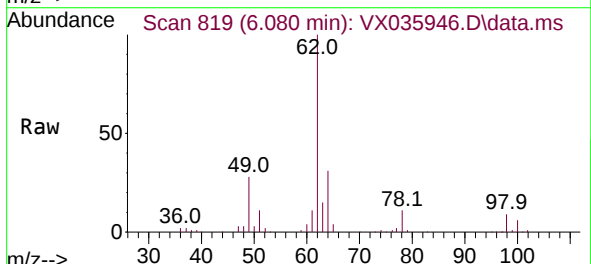
APPROVED

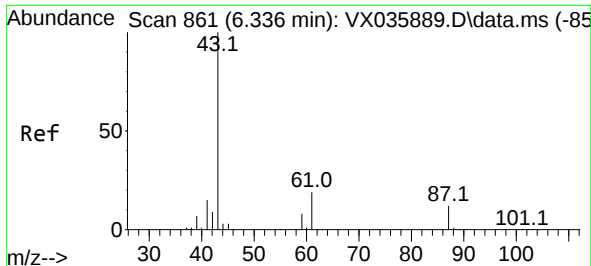
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#42
1,2-Dichloroethane
Concen: 49.209 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX035946.D
Acq: 01 Jun 2023 09:29

Tgt Ion: 62 Resp: 192534
Ion Ratio Lower Upper
62 100
98 8.8 0.0 16.0





#43

Isopropyl Acetate

Concen: 49.453 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.000 min

Lab File: VX035946.D

Acq: 01 Jun 2023 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 29811

Ion Ratio Lower Upper

43 100

61 19.1 15.0 22.4

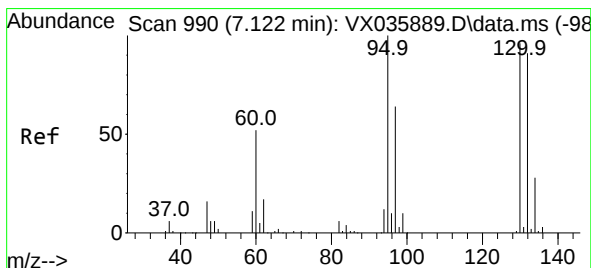
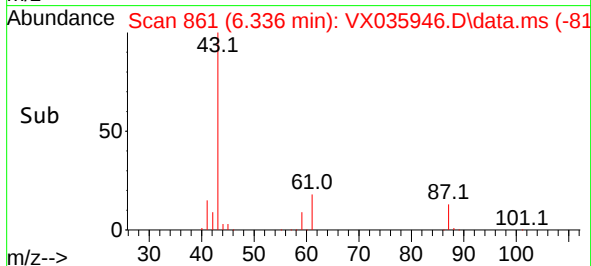
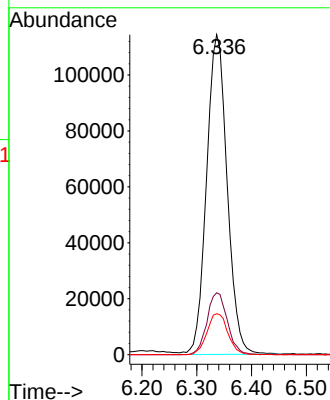
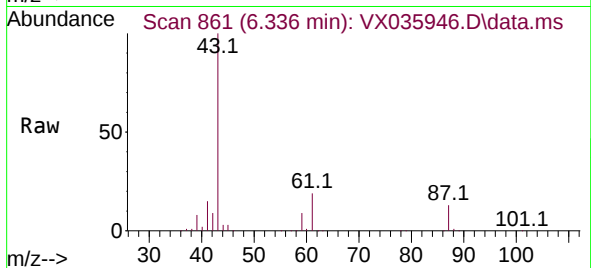
87 12.9 9.9 14.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2023

Supervised By :Semsettin Yesilyurt 06/02/2023



#44

Trichloroethene

Concen: 48.070 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.001 min

Lab File: VX035946.D

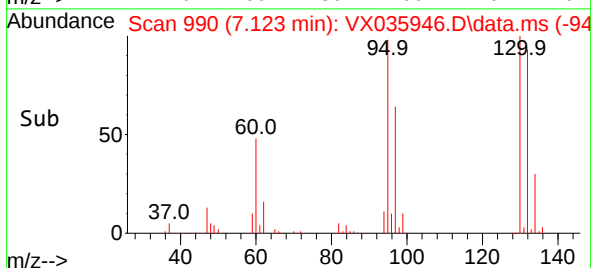
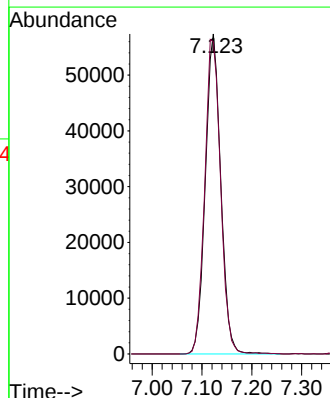
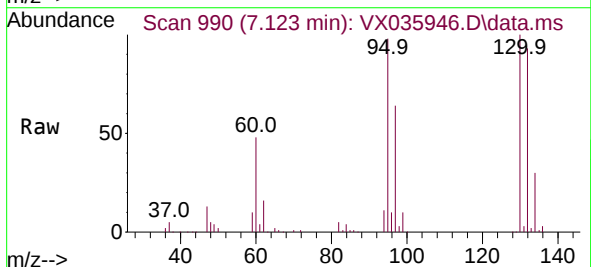
Acq: 01 Jun 2023 09:29

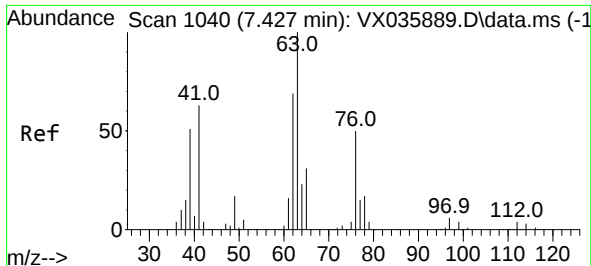
Tgt Ion:130 Resp: 123205

Ion Ratio Lower Upper

130 100

95 97.6 0.0 207.6





#45

1,2-Dichloropropane

Concen: 48.542 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.001 min

Lab File: VX035946.D

Acq: 01 Jun 2023 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 12623

Ion Ratio Lower Upper

63 100

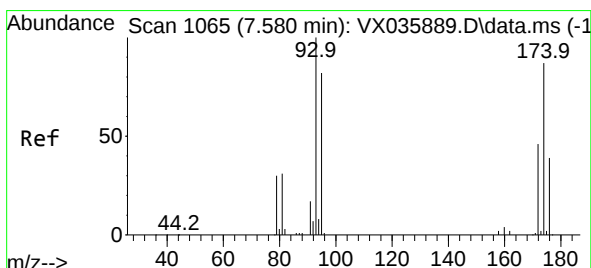
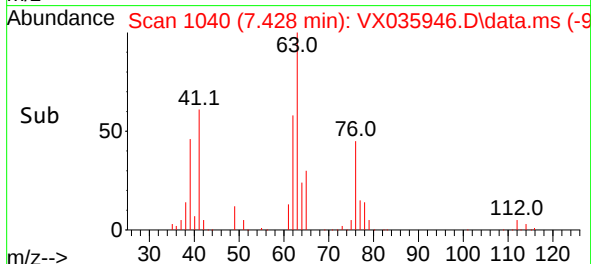
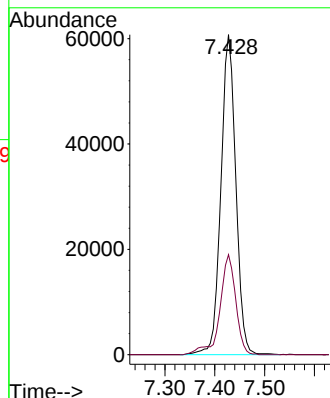
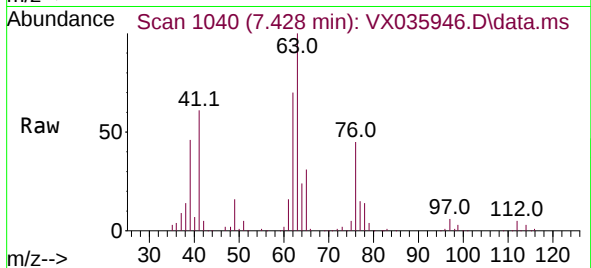
65 31.2 24.8 37.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2023

Supervised By :Semsettin Yesilyurt 06/02/2023



#46

Dibromomethane

Concen: 49.042 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX035946.D

Acq: 01 Jun 2023 09:29

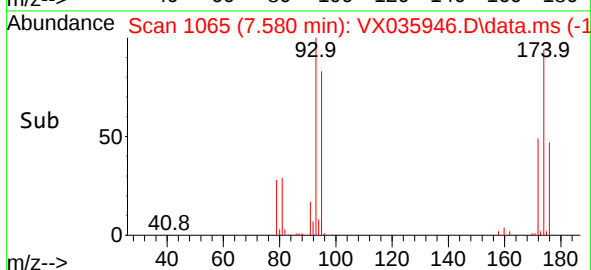
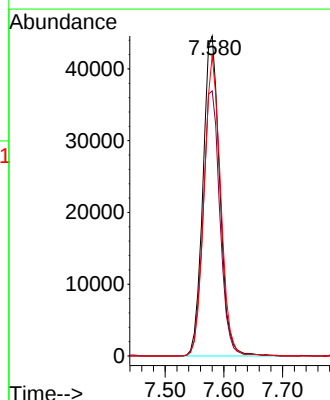
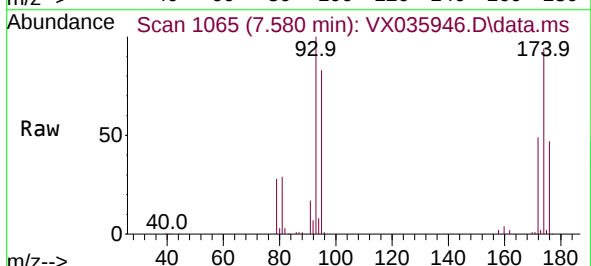
Tgt Ion: 93 Resp: 88589

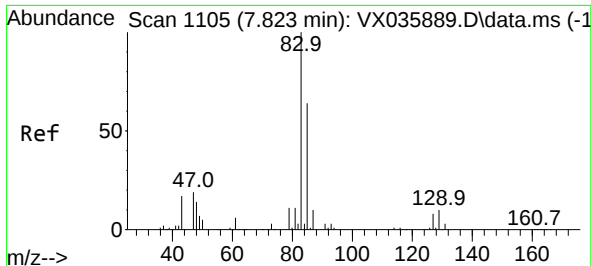
Ion Ratio Lower Upper

93 100

95 82.7 66.2 99.2

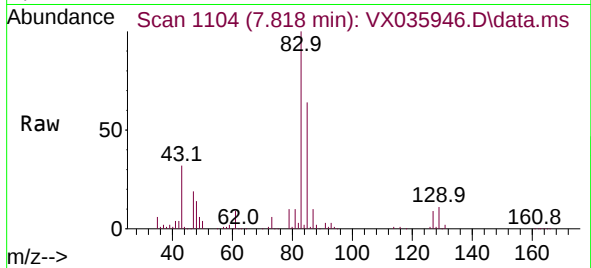
174 92.1 69.5 104.3





#47
Bromodichloromethane
Concen: 51.172 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.005 min
Lab File: VX035946.D
Acq: 01 Jun 2023 09:29

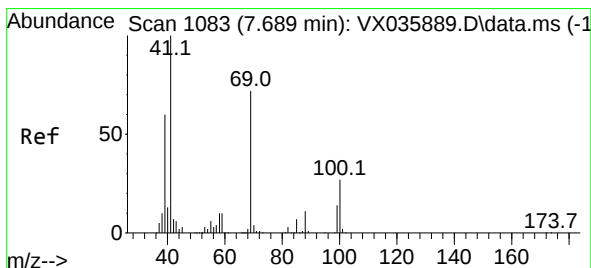
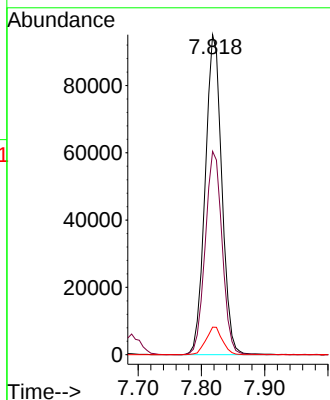
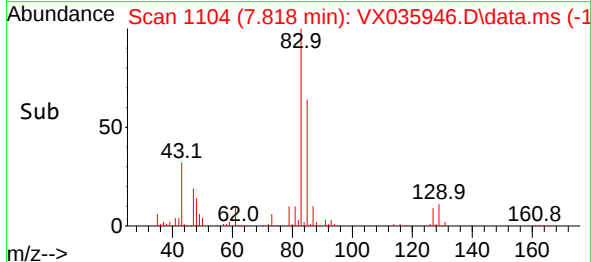
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 173880
Ion Ratio Lower Upper
83 100
85 63.6 51.3 76.9
127 8.6 6.6 10.0

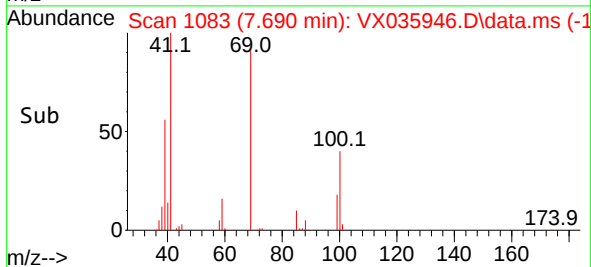
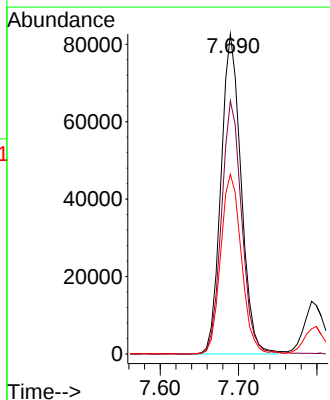
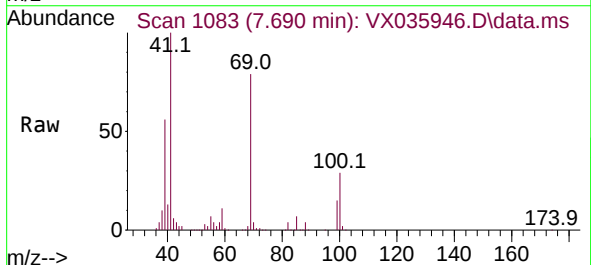
Manual Integrations
APPROVED

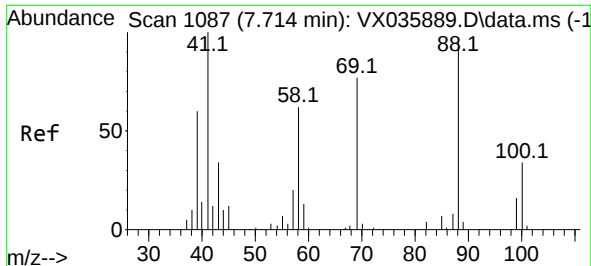
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#48
Methyl methacrylate
Concen: 49.926 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.001 min
Lab File: VX035946.D
Acq: 01 Jun 2023 09:29

Tgt Ion: 41 Resp: 147593
Ion Ratio Lower Upper
41 100
69 79.8 59.0 88.6
39 58.0 48.4 72.6





#49

1,4-Dioxane

Concen: 957.290 ug/l

RT: 7.745 min Scan# 1087

Delta R.T. 0.031 min

Lab File: VX035946.D

Acq: 01 Jun 2023 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 64814

Ion Ratio Lower Upper

88 100

43 0.0 27.4 41.0

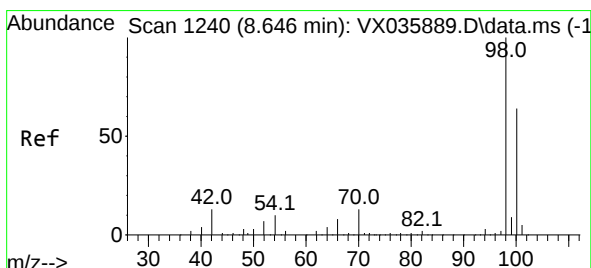
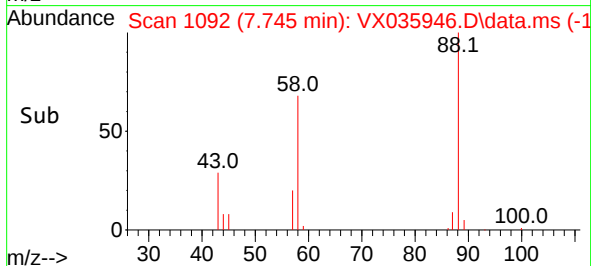
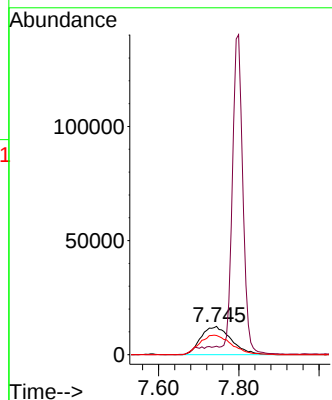
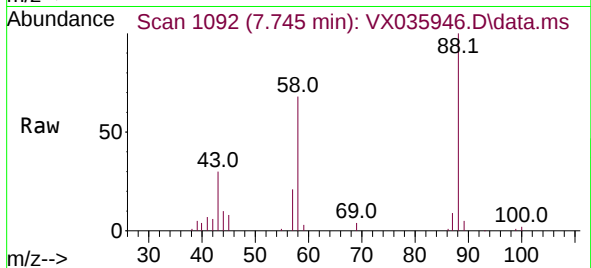
58 72.5 58.9 88.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2023

Supervised By :Semsettin Yesilyurt 06/02/2023



#50

Toluene-d8

Concen: 51.477 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.001 min

Lab File: VX035946.D

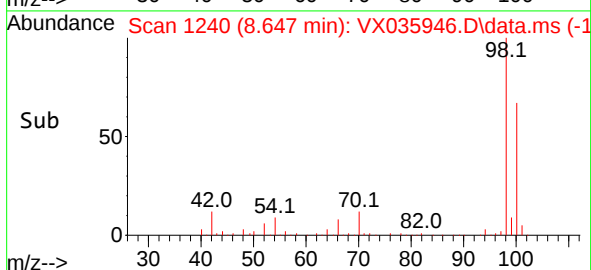
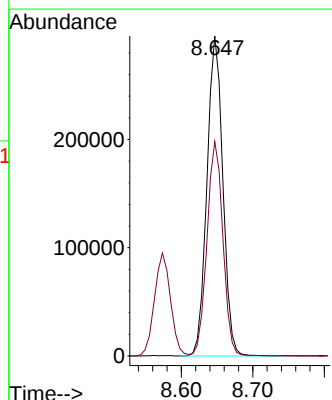
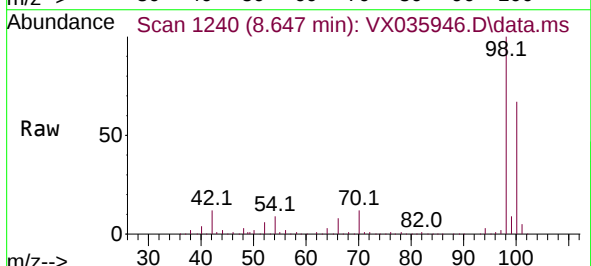
Acq: 01 Jun 2023 09:29

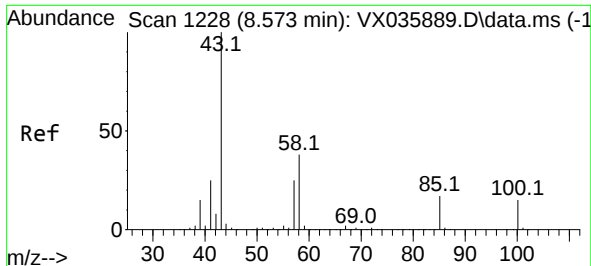
Tgt Ion: 98 Resp: 456131

Ion Ratio Lower Upper

98 100

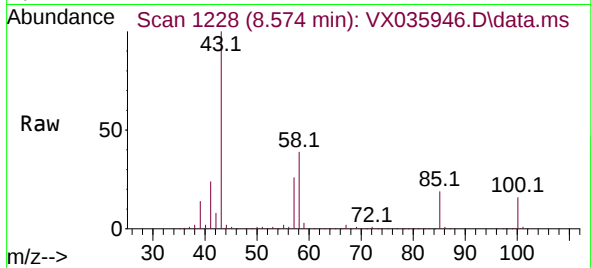
100 67.0 53.4 80.0





#51
4-Methyl-2-Pentanone
Concen: 251.492 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.001 min
Lab File: VX035946.D
Acq: 01 Jun 2023 09:29

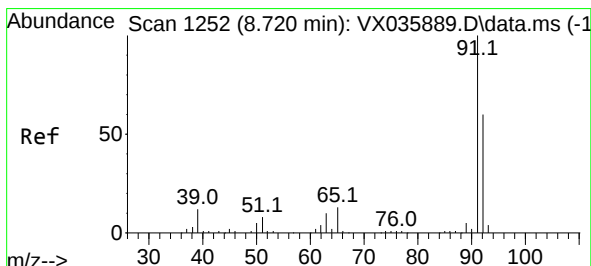
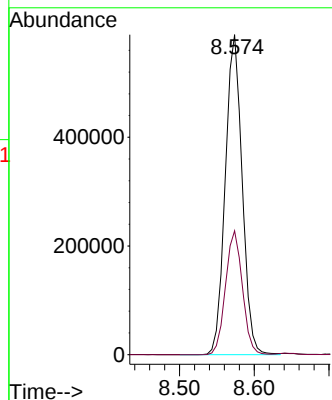
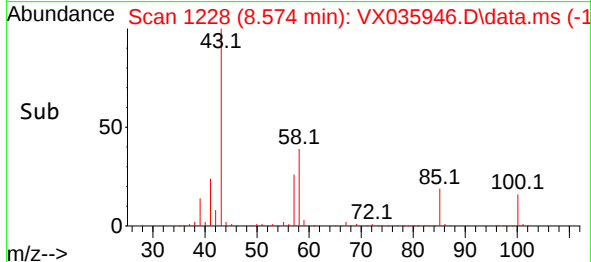
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 925410
Ion Ratio Lower Upper
43 100
58 38.7 30.1 45.1

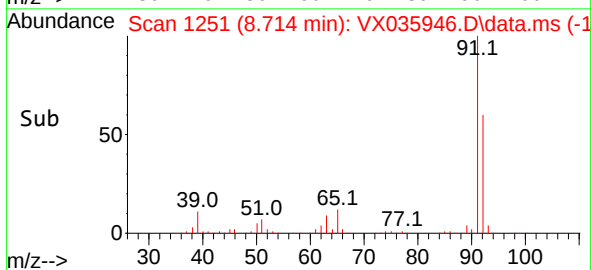
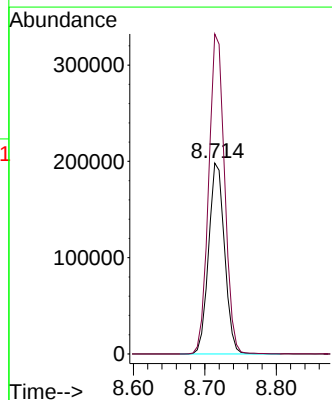
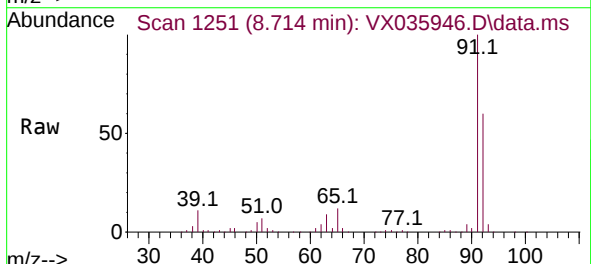
Manual Integrations
APPROVED

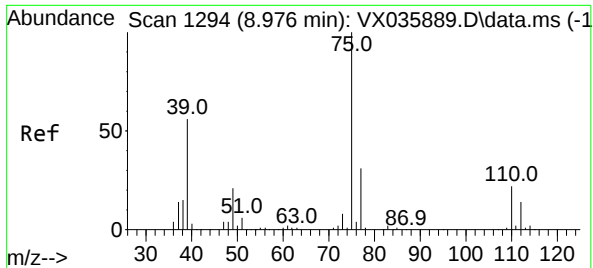
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#52
Toluene
Concen: 49.357 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX035946.D
Acq: 01 Jun 2023 09:29

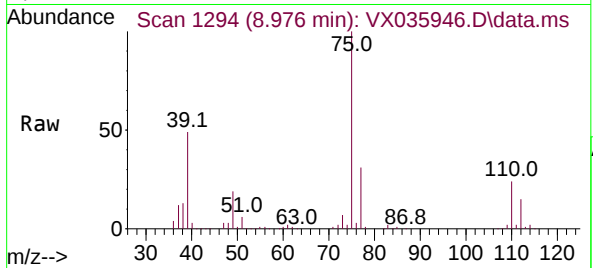
Tgt Ion: 92 Resp: 306582
Ion Ratio Lower Upper
92 100
91 167.4 133.5 200.3





#53
t-1,3-Dichloropropene
Concen: 52.289 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX035946.D
Acq: 01 Jun 2023 09:29

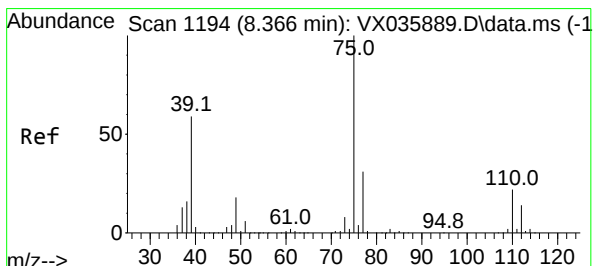
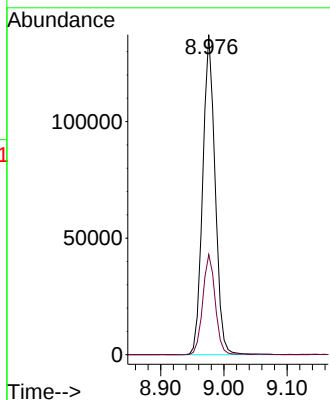
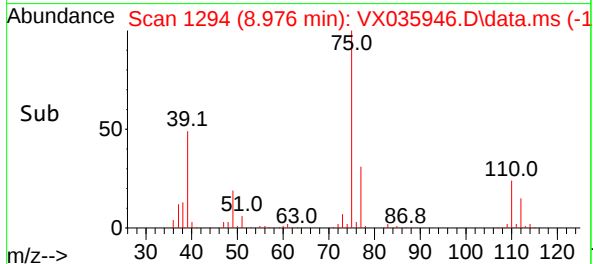
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



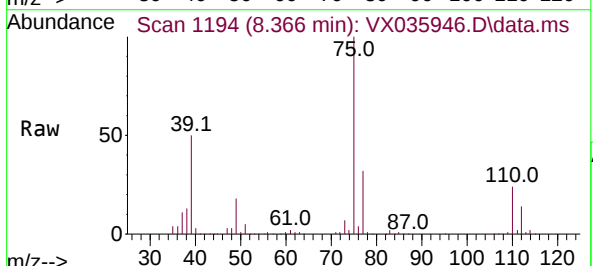
Tgt Ion: 75 Resp: 18782
Ion Ratio Lower Upper
75 100
77 31.3 25.0 37.6

Manual Integrations
APPROVED

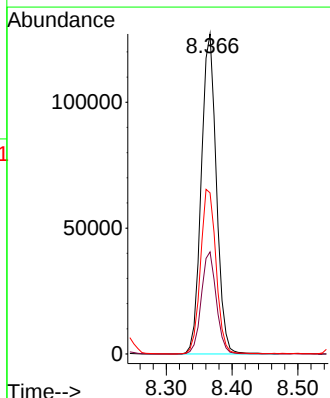
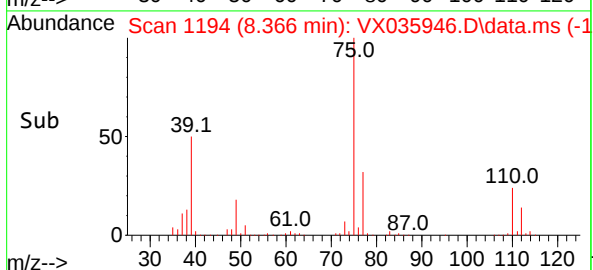
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023

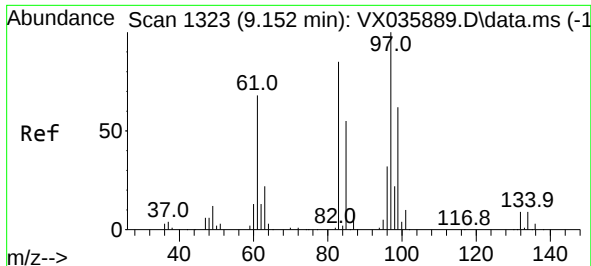


#54
cis-1,3-Dichloropropene
Concen: 51.281 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX035946.D
Acq: 01 Jun 2023 09:29



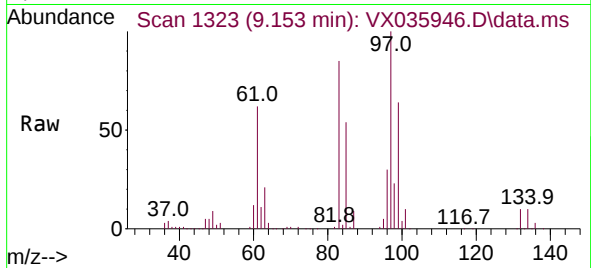
Tgt Ion: 75 Resp: 203409
Ion Ratio Lower Upper
75 100
77 31.9 24.7 37.1
39 50.3 47.0 70.6





#55
1,1,2-Trichloroethane
Concen: 48.440 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.001 min
Lab File: VX035946.D
Acq: 01 Jun 2023 09:29

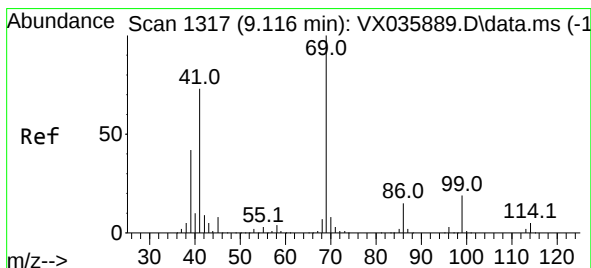
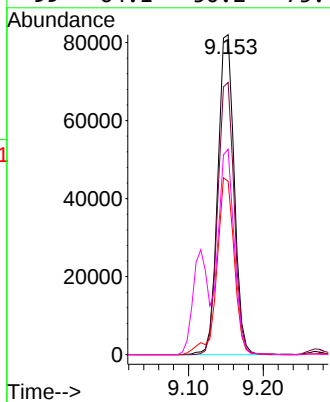
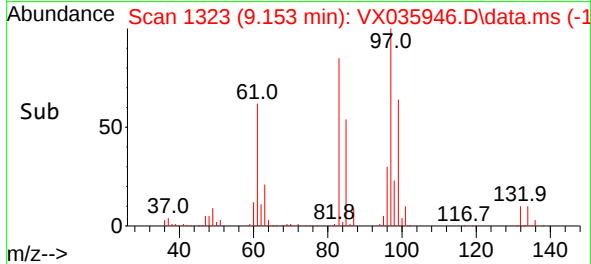
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 97 Resp: 125360
Ion Ratio Lower Upper
97 100
83 85.0 68.3 102.5
85 54.2 44.2 66.2
99 64.1 50.2 75.4

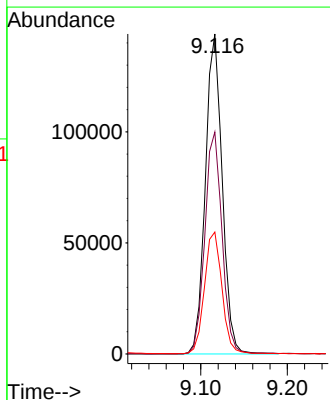
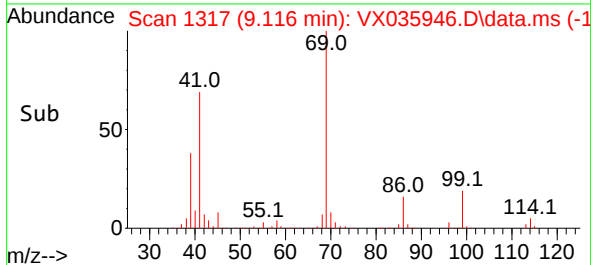
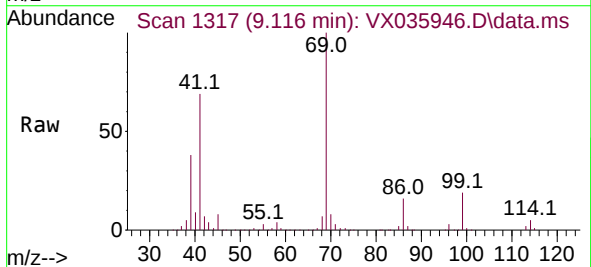
Manual Integrations
APPROVED

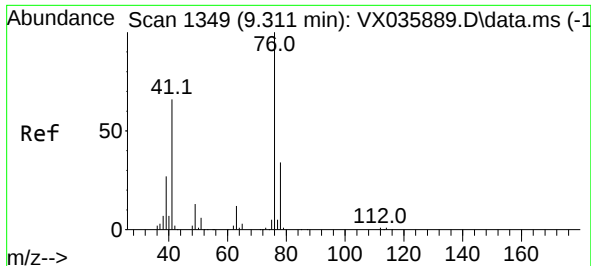
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#56
Ethyl methacrylate
Concen: 50.394 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX035946.D
Acq: 01 Jun 2023 09:29

Tgt Ion: 69 Resp: 194983
Ion Ratio Lower Upper
69 100
41 70.6 58.9 88.3
39 39.5 33.4 50.0





#57
1,3-Dichloropropane
Concen: 48.405 ug/l
RT: 9.305 min Scan# 111
Delta R.T. -0.006 min
Lab File: VX035946.D
Acq: 01 Jun 2023 09:29

Instrument :

MSVOA_X

ClientSampleId :

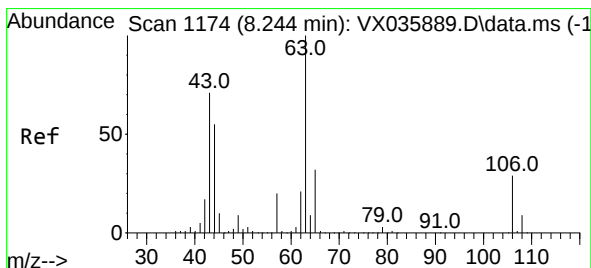
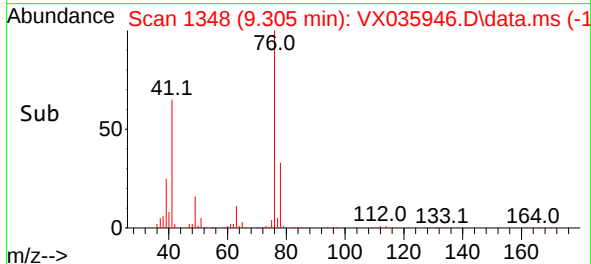
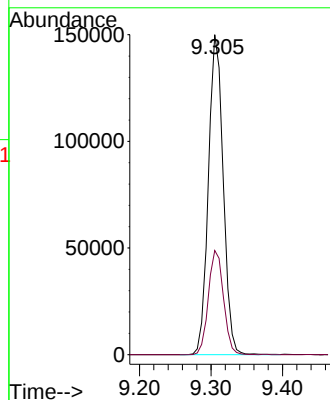
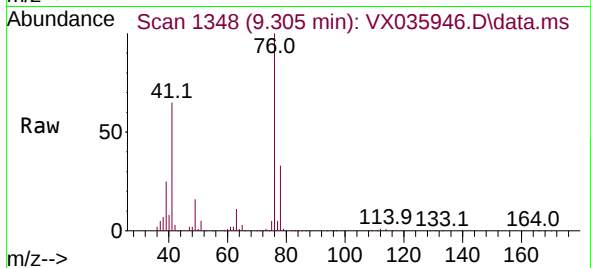
VSTDCCC050

Tgt Ion: 76 Resp: 21558
Ion Ratio Lower Upper
76 100
78 33.2 26.0 39.0

Manual Integrations

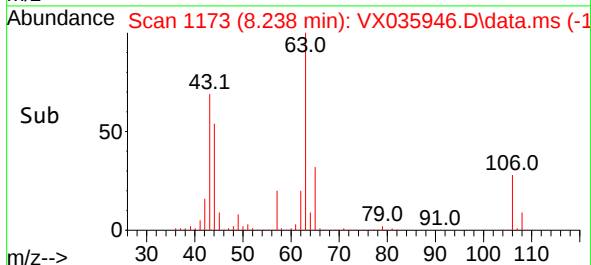
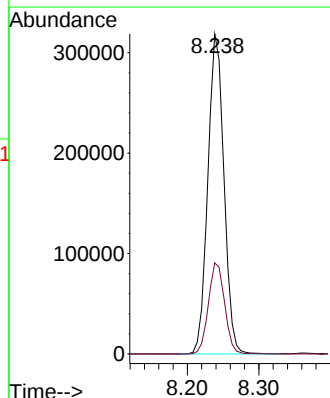
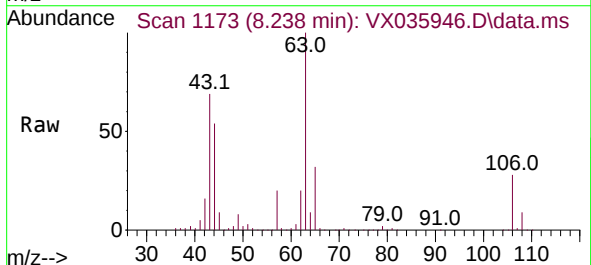
APPROVED

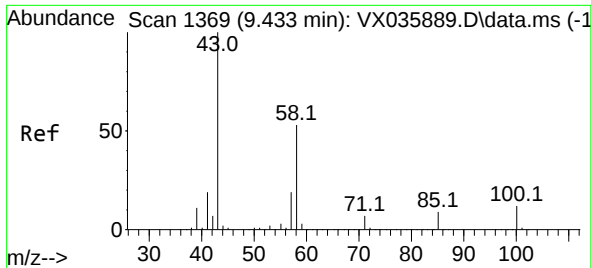
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#58
2-Chloroethyl Vinyl ether
Concen: 245.970 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX035946.D
Acq: 01 Jun 2023 09:29

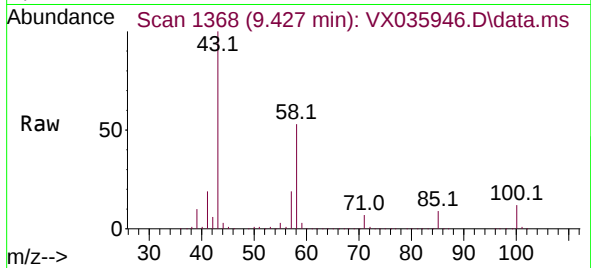
Tgt Ion: 63 Resp: 498663
Ion Ratio Lower Upper
63 100
106 28.7 22.3 33.5





#59
2-Hexanone
Concen: 258.778 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX035946.D
Acq: 01 Jun 2023 09:29

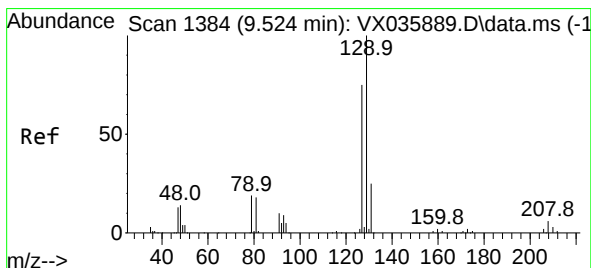
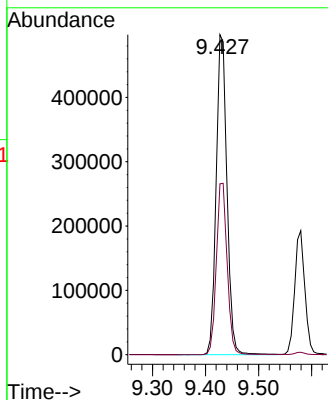
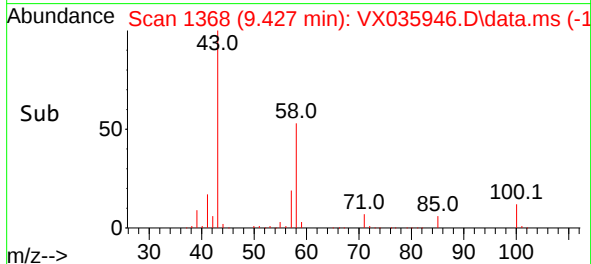
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 703980
Ion Ratio Lower Upper
43 100
58 53.8 26.3 78.8

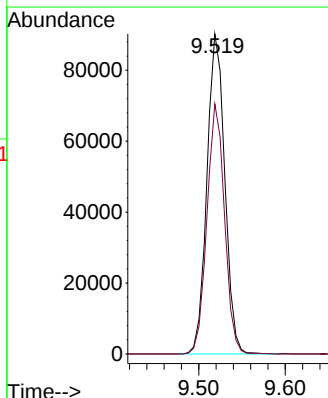
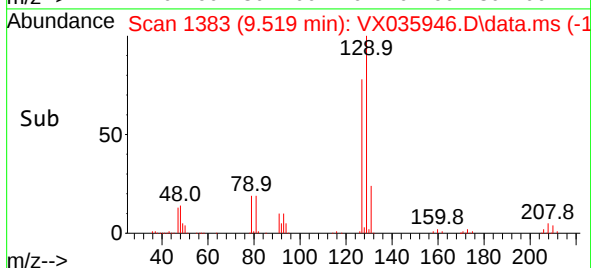
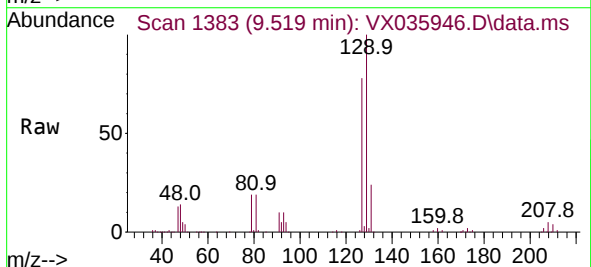
Manual Integrations
APPROVED

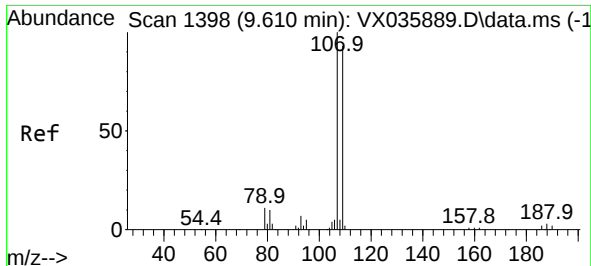
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#60
Dibromochloromethane
Concen: 51.450 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.005 min
Lab File: VX035946.D
Acq: 01 Jun 2023 09:29

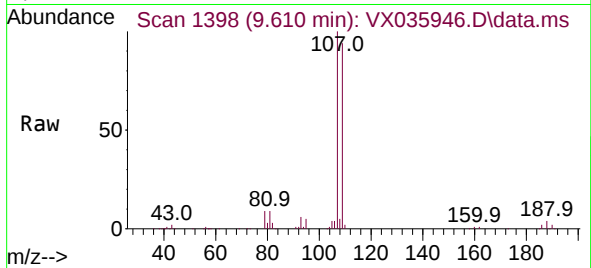
Tgt Ion:129 Resp: 129256
Ion Ratio Lower Upper
129 100
127 76.9 38.4 115.1





#61
1,2-Dibromoethane
Concen: 49.987 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX035946.D
Acq: 01 Jun 2023 09:29

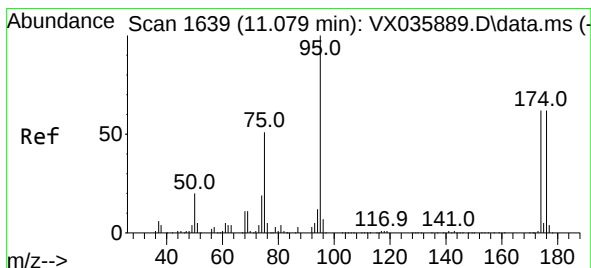
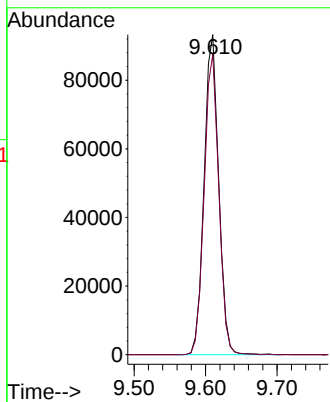
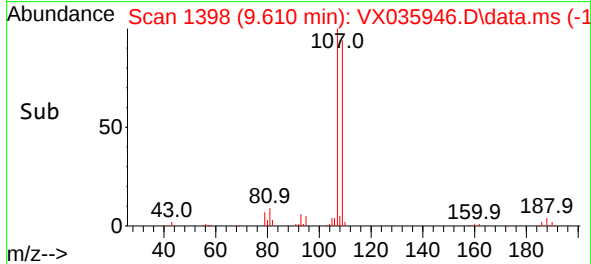
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



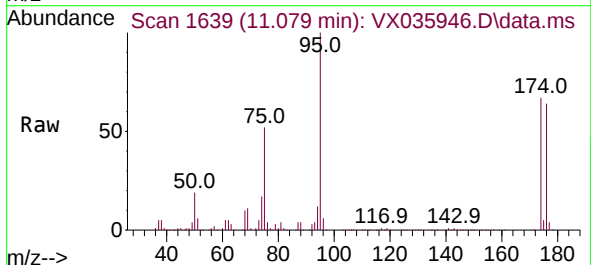
Tgt Ion:107 Resp: 132249
Ion Ratio Lower Upper
107 100
109 94.0 74.8 112.2

Manual Integrations
APPROVED

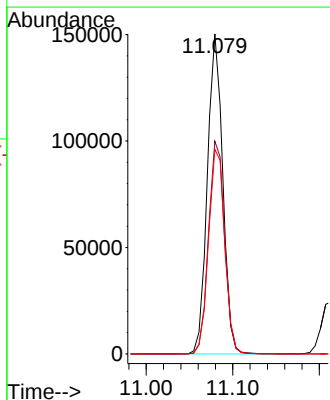
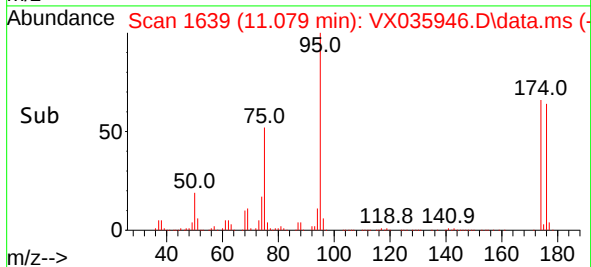
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023

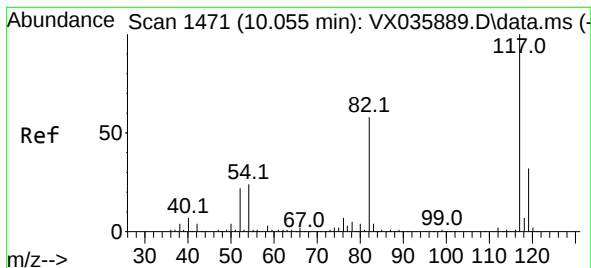


#62
4-Bromofluorobenzene
Concen: 52.932 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035946.D
Acq: 01 Jun 2023 09:29



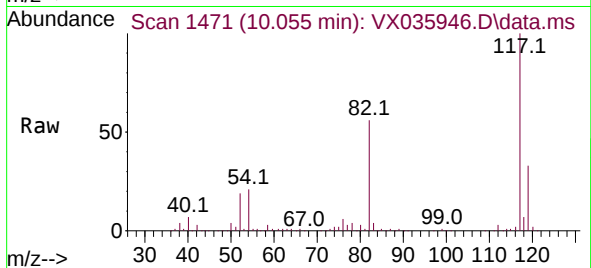
Tgt Ion: 95 Resp: 185152
Ion Ratio Lower Upper
95 100
174 69.4 0.0 132.6
176 67.1 0.0 128.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035946.D
Acq: 01 Jun 2023 09:29

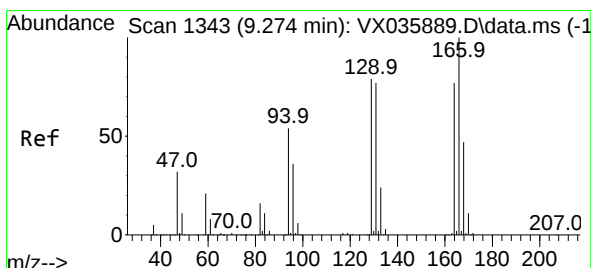
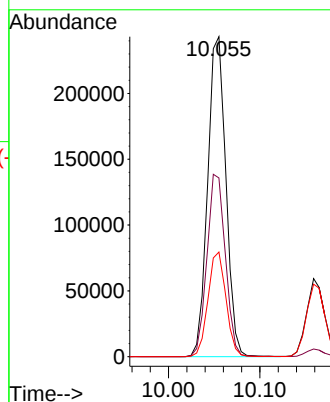
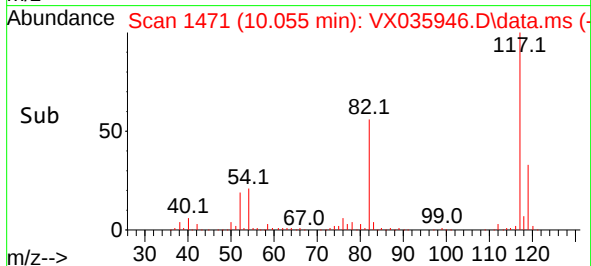
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 336010
Ion Ratio Lower Upper
117 100
82 55.8 46.6 69.8
119 32.7 25.4 38.2

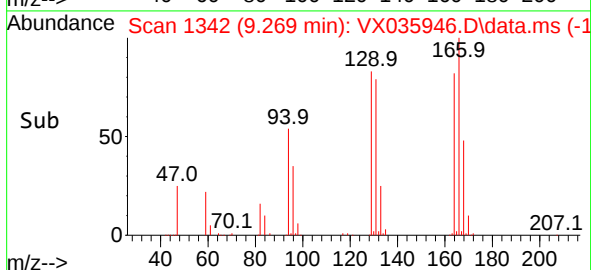
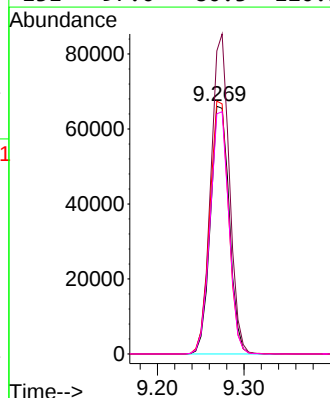
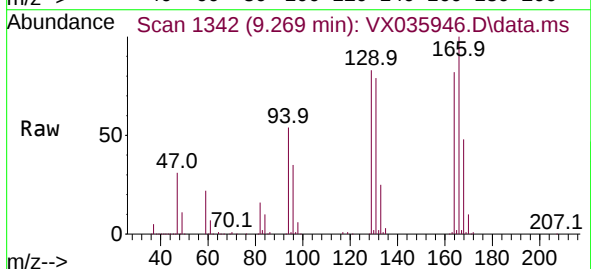
Manual Integrations
APPROVED

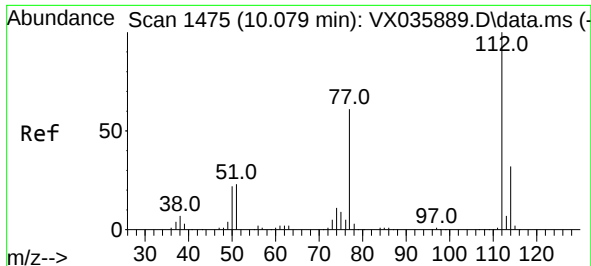
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#64
Tetrachloroethene
Concen: 47.141 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.005 min
Lab File: VX035946.D
Acq: 01 Jun 2023 09:29

Tgt Ion:164 Resp: 99538
Ion Ratio Lower Upper
164 100
166 122.4 104.4 156.6
129 102.1 82.0 123.0
131 97.0 80.3 120.5





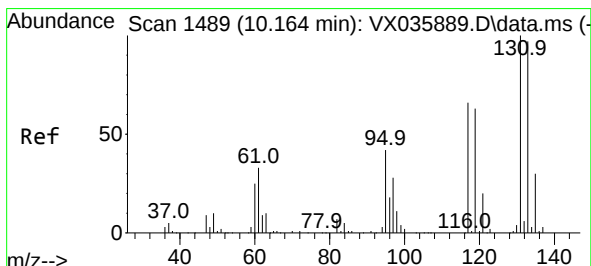
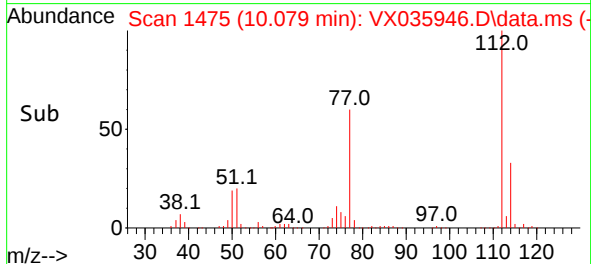
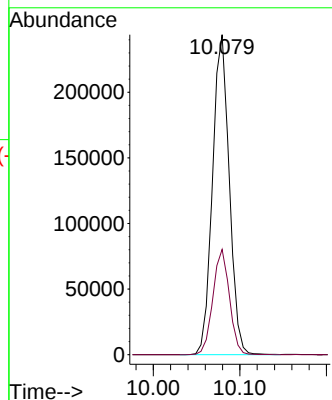
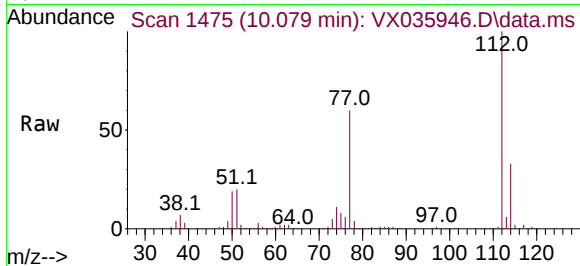
#65
Chlorobenzene
Concen: 48.363 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035946.D
Acq: 01 Jun 2023 09:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 327894
Ion Ratio Lower Upper
112 100
114 32.9 25.8 38.8

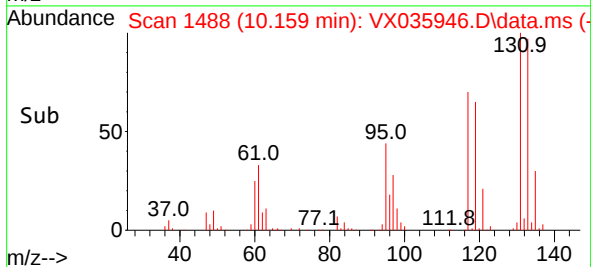
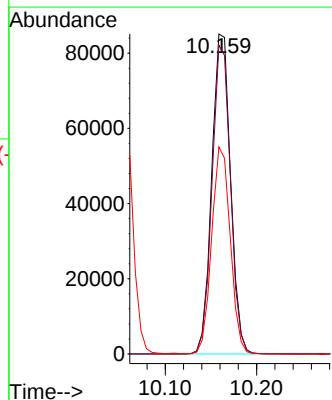
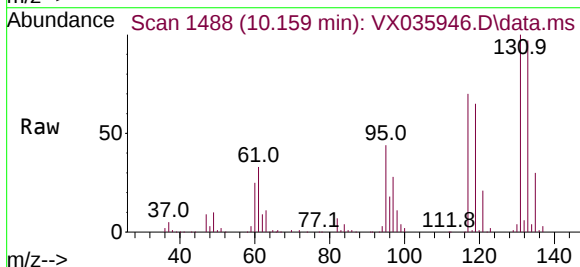
Manual Integrations
APPROVED

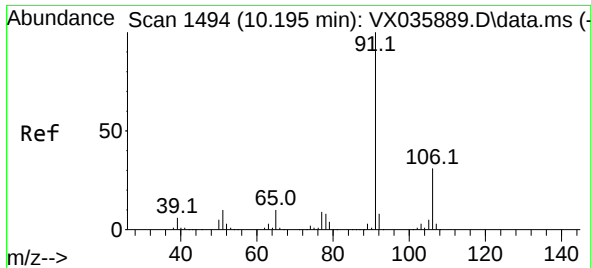
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 50.894 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.005 min
Lab File: VX035946.D
Acq: 01 Jun 2023 09:29

Tgt Ion:131 Resp: 121360
Ion Ratio Lower Upper
131 100
133 94.6 48.1 144.3
119 64.0 32.1 96.5





#67

Ethyl Benzene

Concen: 48.636 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX035946.D

Acq: 01 Jun 2023 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 586864

Ion Ratio Lower Upper

91 100

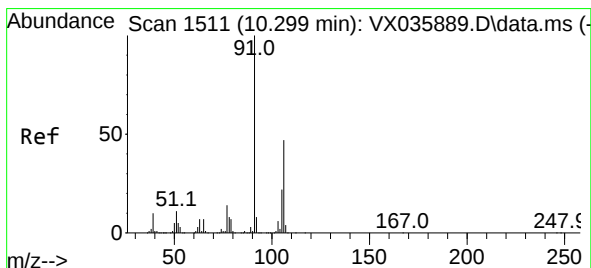
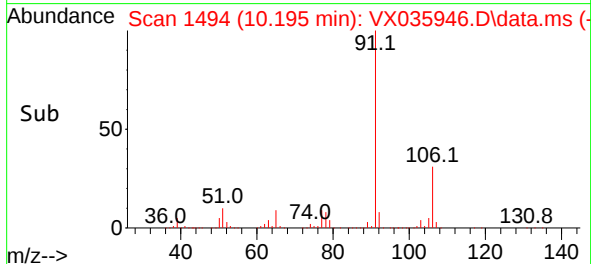
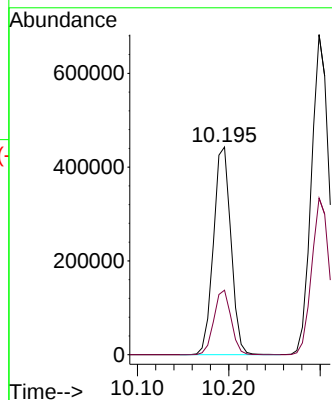
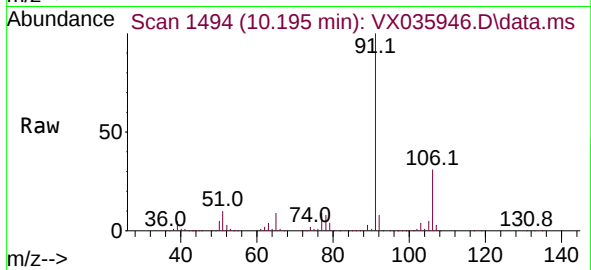
106 31.1 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2023

Supervised By :Semsettin Yesilyurt 06/02/2023



#68

m/p-Xylenes

Concen: 97.852 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX035946.D

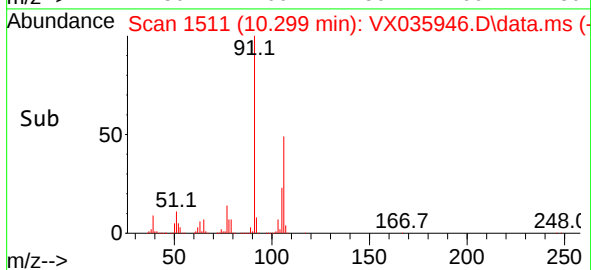
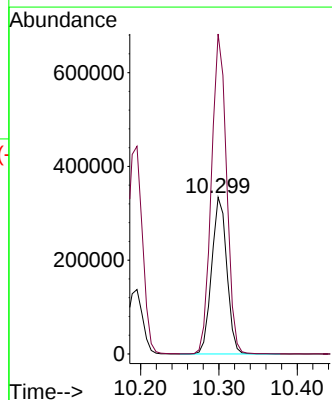
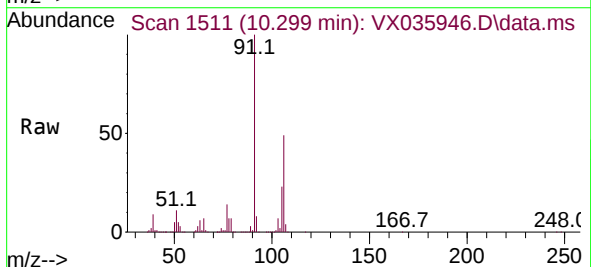
Acq: 01 Jun 2023 09:29

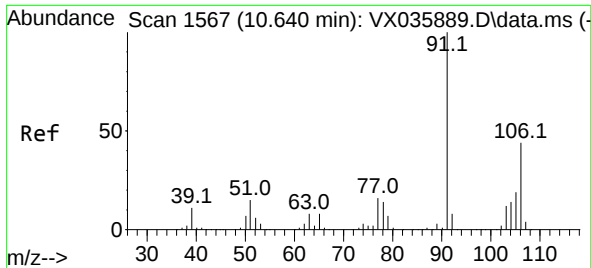
Tgt Ion:106 Resp: 447945

Ion Ratio Lower Upper

106 100

91 204.4 169.8 254.8





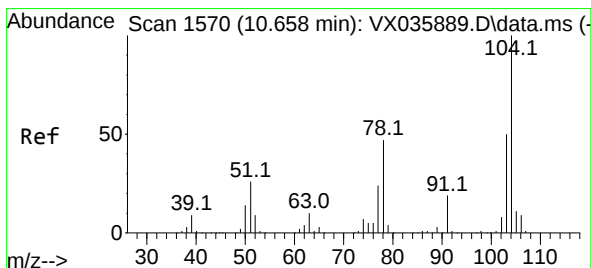
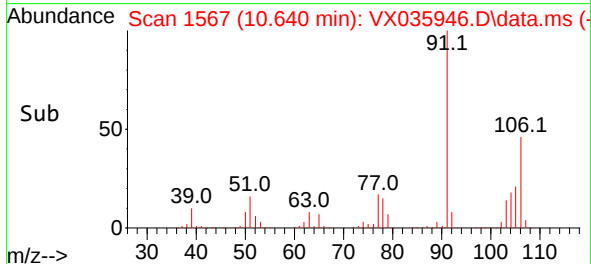
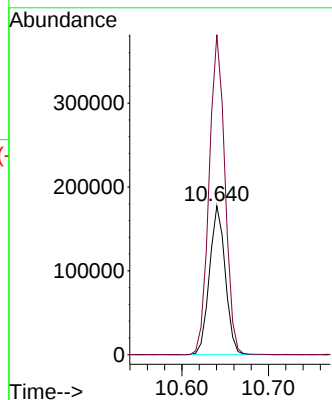
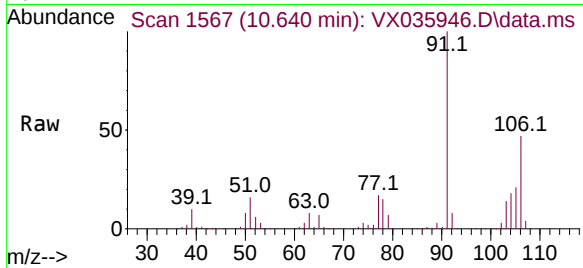
#69
o-Xylene
Concen: 48.780 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX035946.D
Acq: 01 Jun 2023 09:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 22439
Ion Ratio Lower Upper
106 100
91 215.4 112.5 337.4

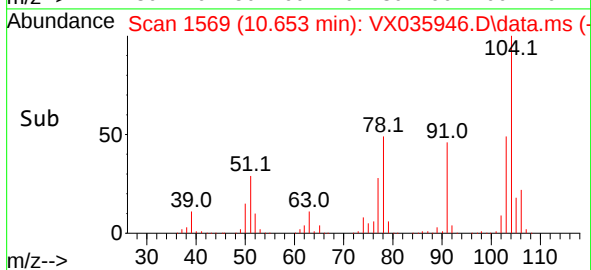
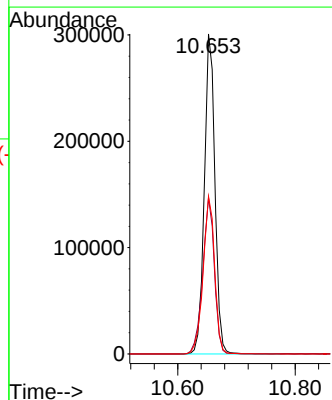
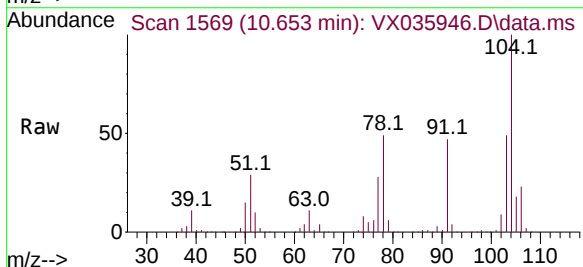
Manual Integrations
APPROVED

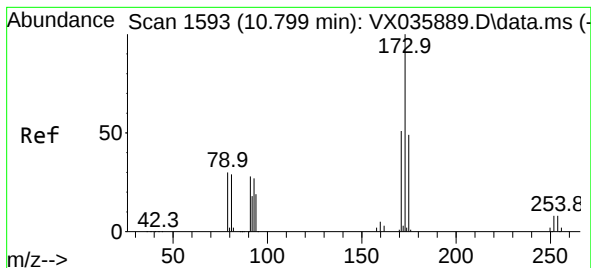
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#70
Styrene
Concen: 50.696 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.005 min
Lab File: VX035946.D
Acq: 01 Jun 2023 09:29

Tgt Ion:104 Resp: 376823
Ion Ratio Lower Upper
104 100
78 53.8 44.7 67.1
103 53.9 44.0 66.0





#71

Bromoform

Concen: 52.152 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX035946.D

Acq: 01 Jun 2023 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

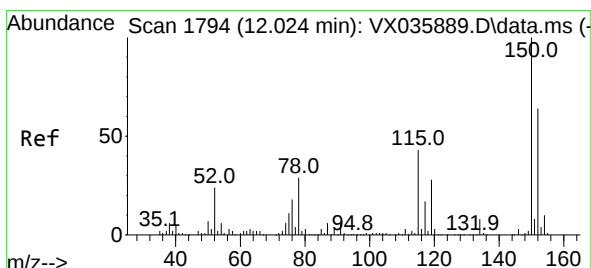
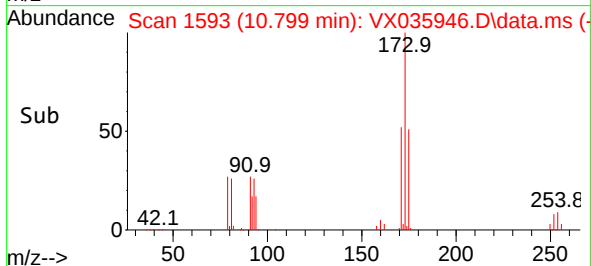
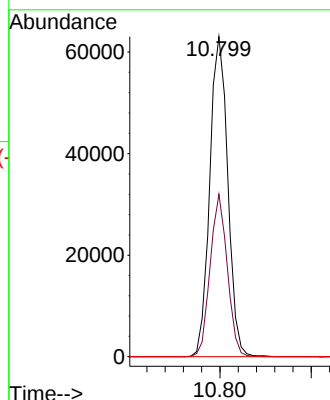
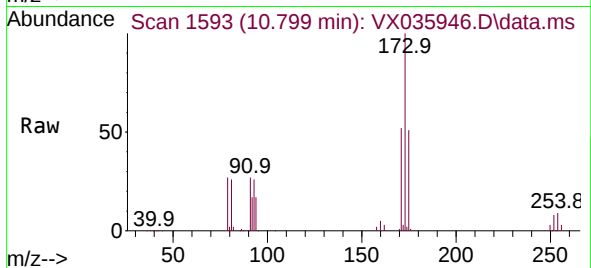
Tgt Ion:173	Resp:	8612
Ion Ratio	Lower	Upper
173	100	
175	48.3	24.2 72.6
254	0.0	0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2023

Supervised By :Semsettin Yesilyurt 06/02/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

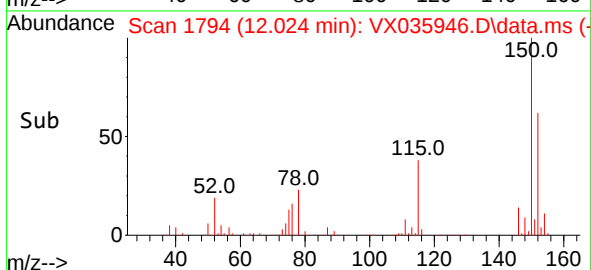
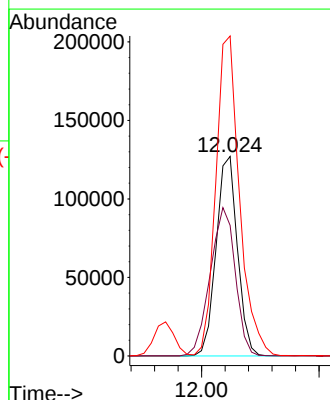
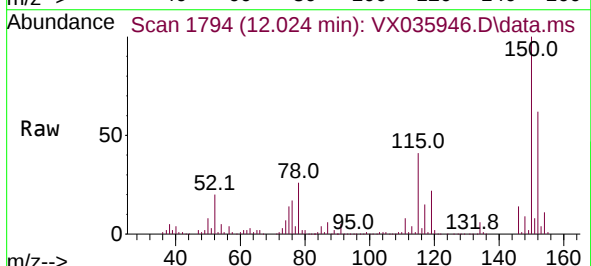
RT: 12.024 min Scan# 1794

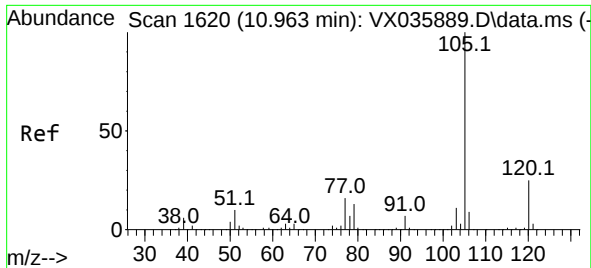
Delta R.T. 0.000 min

Lab File: VX035946.D

Acq: 01 Jun 2023 09:29

Tgt Ion:152	Resp:	160108
Ion Ratio	Lower	Upper
152	100	
115	87.3	45.5 136.5
150	178.2	0.0 345.2





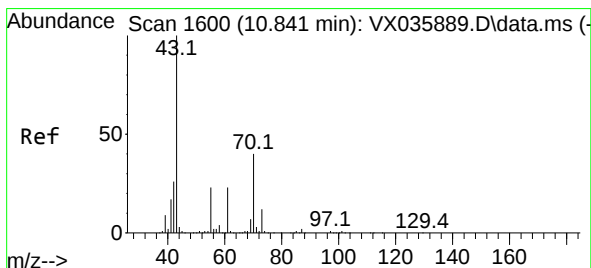
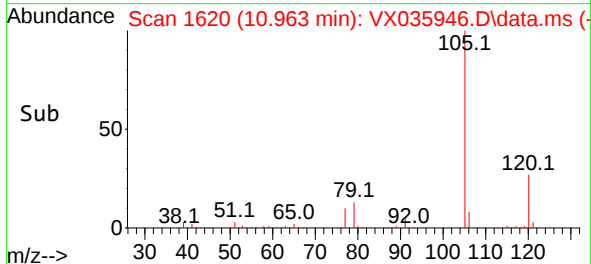
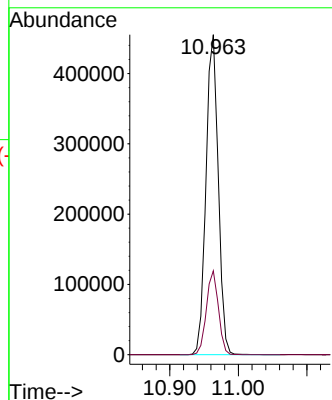
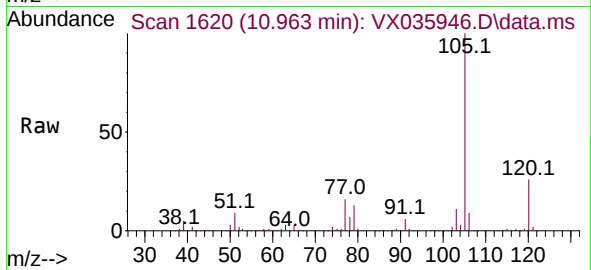
#73
Isopropylbenzene
Concen: 48.743 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX035946.D
Acq: 01 Jun 2023 09:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 567119
Ion Ratio Lower Upper
105 100
120 25.7 12.7 38.0

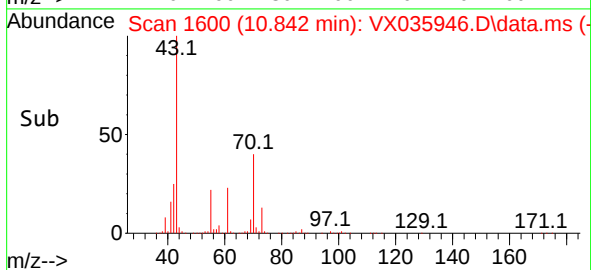
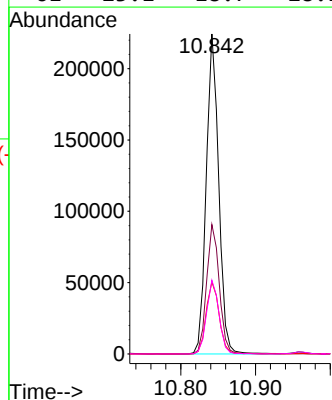
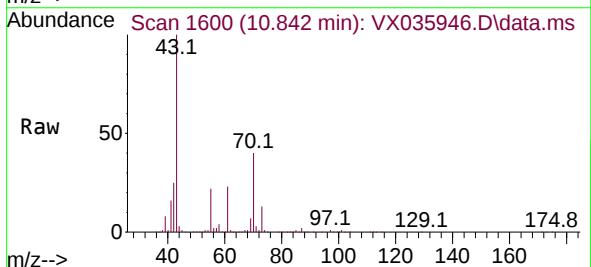
Manual Integrations
APPROVED

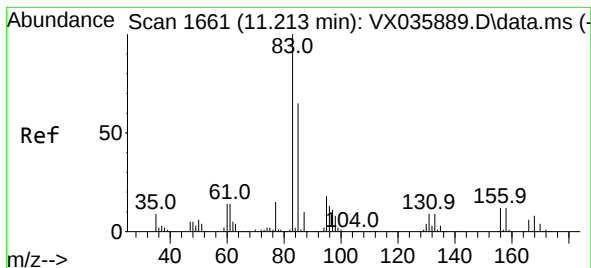
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#74
N-ethyl acetate
Concen: 51.041 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.001 min
Lab File: VX035946.D
Acq: 01 Jun 2023 09:29

Tgt Ion: 43 Resp: 258841
Ion Ratio Lower Upper
43 100
70 41.3 32.6 48.8
55 23.7 19.0 28.4
61 23.1 18.7 28.1





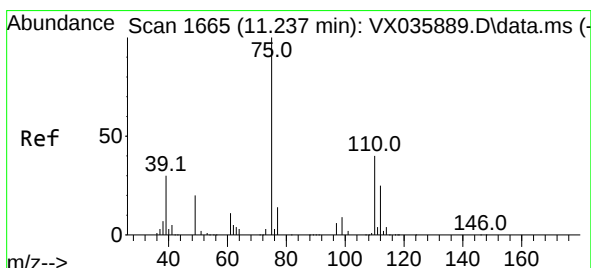
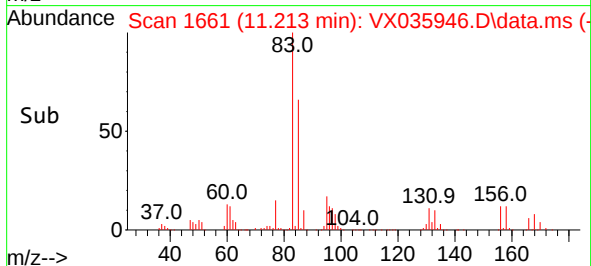
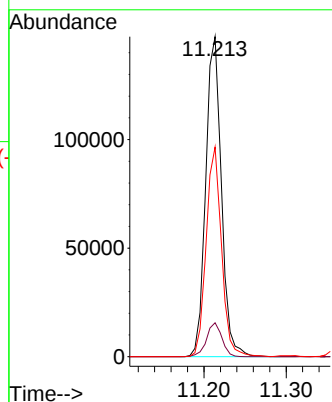
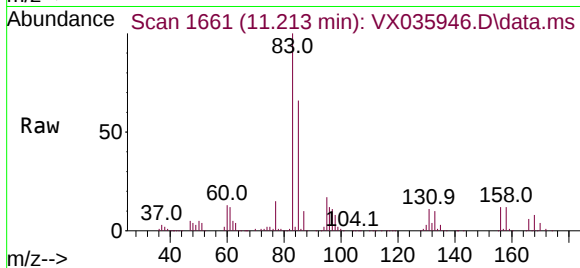
#75
1,1,2,2-Tetrachloroethane
Concen: 49.046 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX035946.D
Acq: 01 Jun 2023 09:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 19520
Ion Ratio Lower Upper
83 100
131 10.4 4.9 14.7
85 64.3 32.4 97.0

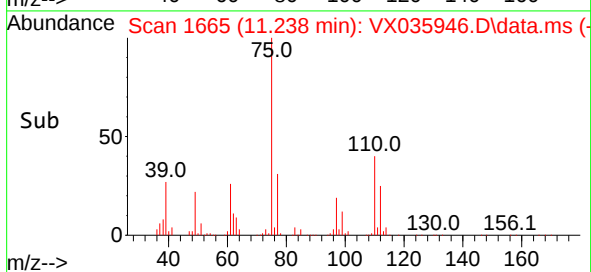
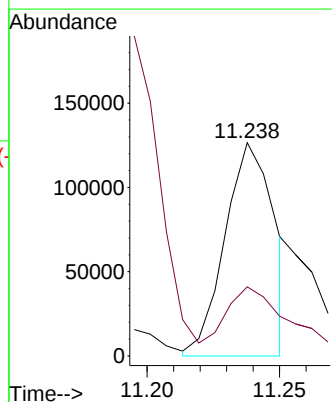
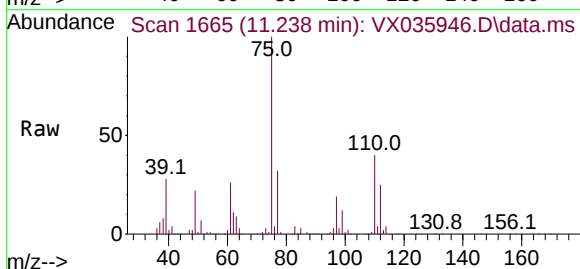
Manual Integrations
APPROVED

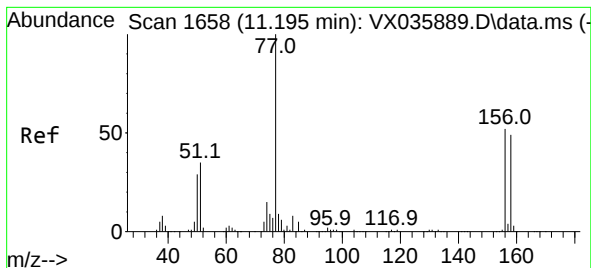
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#76
1,2,3-Trichloropropane
Concen: 45.202 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.001 min
Lab File: VX035946.D
Acq: 01 Jun 2023 09:29

Tgt Ion: 75 Resp: 163230
Ion Ratio Lower Upper
75 100
77 42.7 21.4 64.2





#77

Bromobenzene

Concen: 47.605 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX035946.D

Acq: 01 Jun 2023 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 13697

Ion Ratio Lower Upper

156 100

77 175.3 90.8 272.3

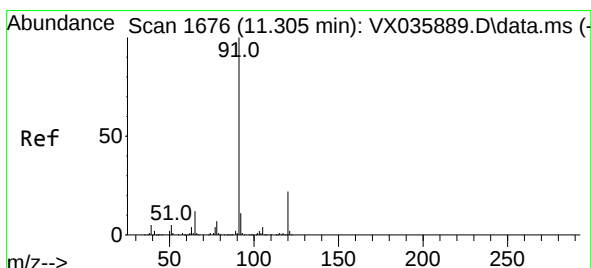
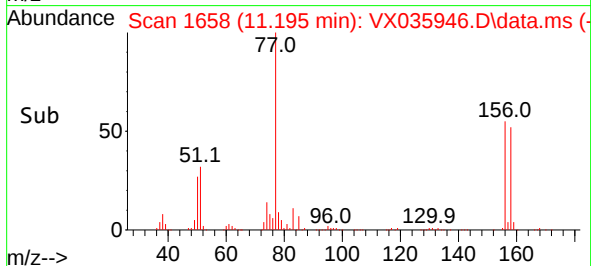
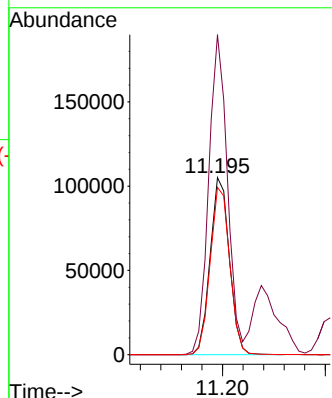
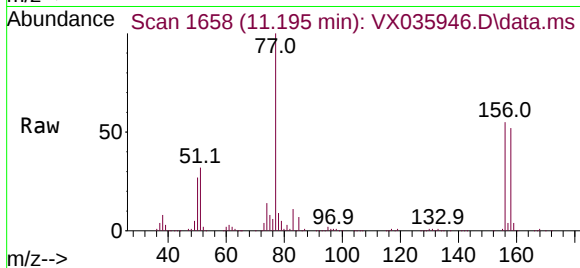
158 96.0 47.4 142.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2023

Supervised By :Semsettin Yesilyurt 06/02/2023



#78

n-propylbenzene

Concen: 49.846 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX035946.D

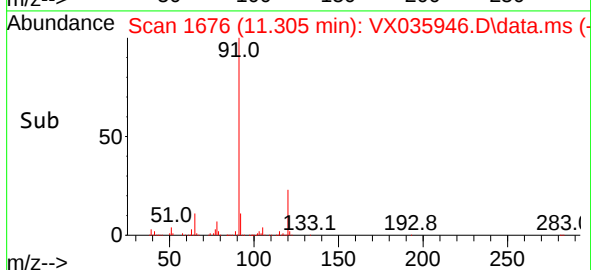
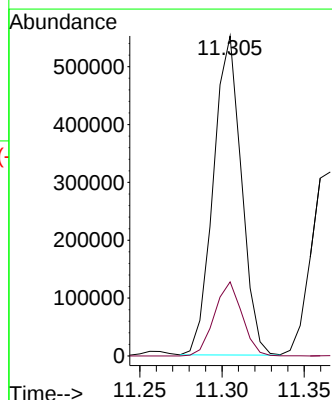
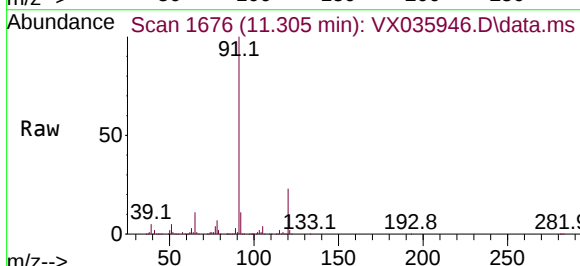
Acq: 01 Jun 2023 09:29

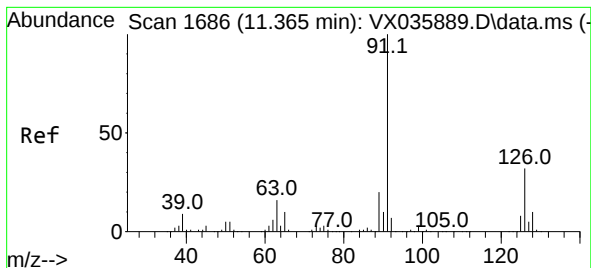
Tgt Ion: 91 Resp: 654559

Ion Ratio Lower Upper

91 100

120 22.9 10.9 32.9





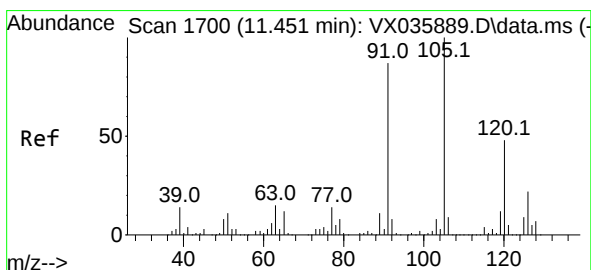
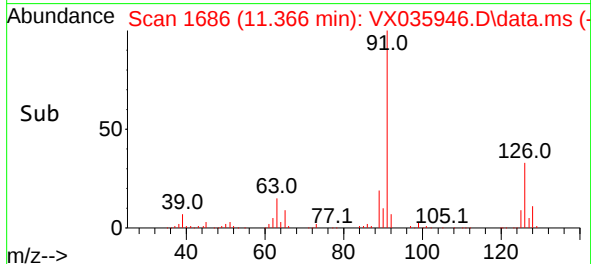
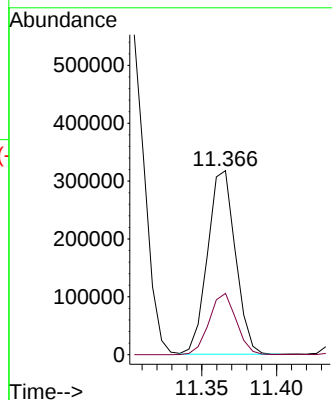
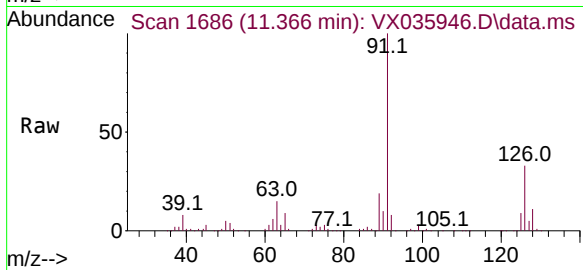
#79
2-Chlorotoluene
Concen: 48.045 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VX035946.D
Acq: 01 Jun 2023 09:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 41088
Ion Ratio Lower Upper
91 100
126 32.4 15.8 47.4

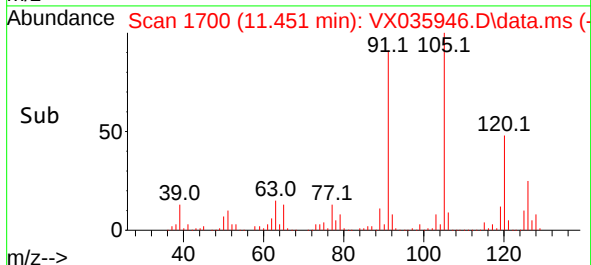
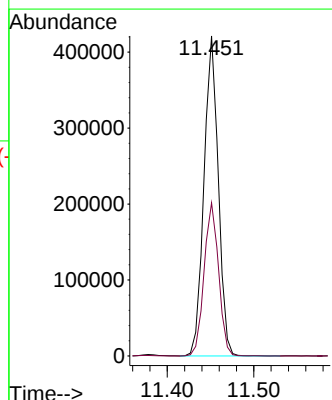
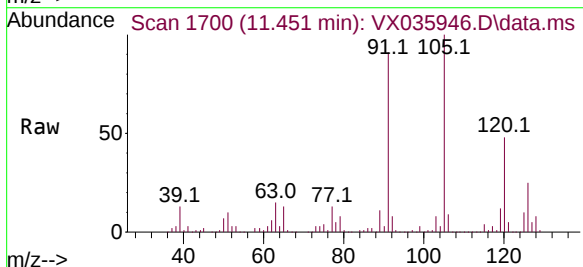
Manual Integrations
APPROVED

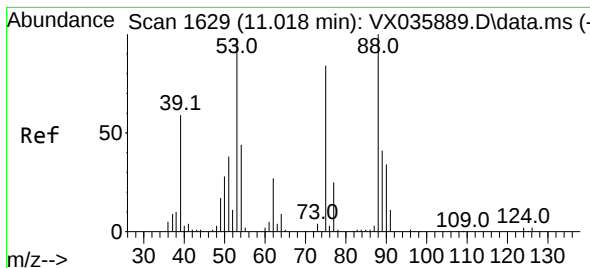
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#80
1,3,5-Trimethylbenzene
Concen: 49.310 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035946.D
Acq: 01 Jun 2023 09:29

Tgt Ion:105 Resp: 483697
Ion Ratio Lower Upper
105 100
120 48.3 23.8 71.4





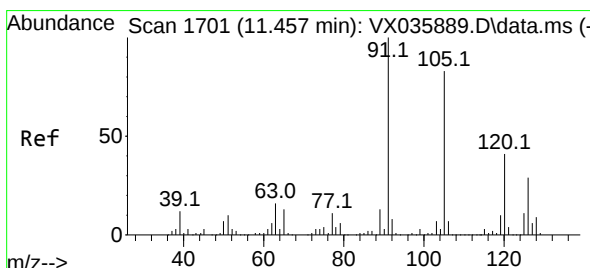
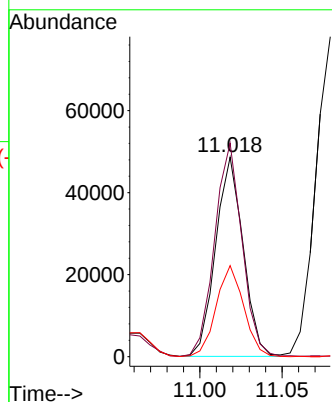
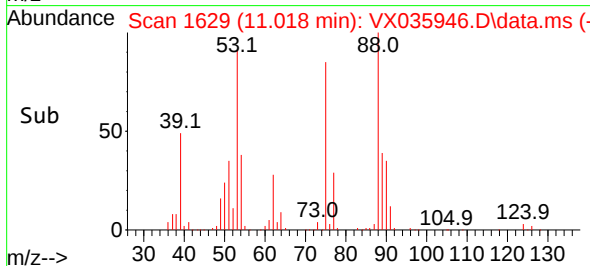
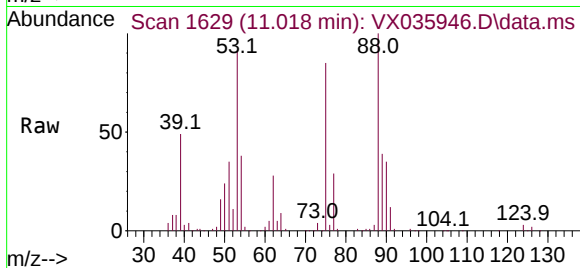
#81
trans-1,4-Dichloro-2-butene
Concen: 52.630 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX035946.D
Acq: 01 Jun 2023 09:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 56424
Ion Ratio Lower Upper
75 100
53 106.8 95.2 142.8
89 45.8 38.0 57.0

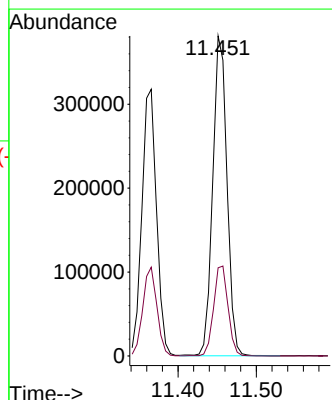
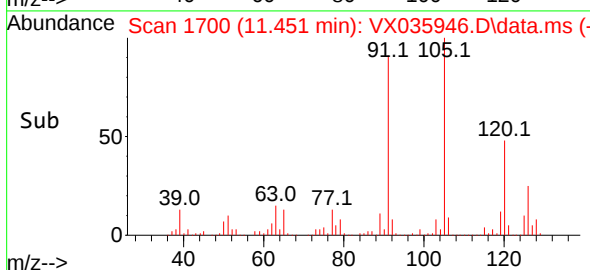
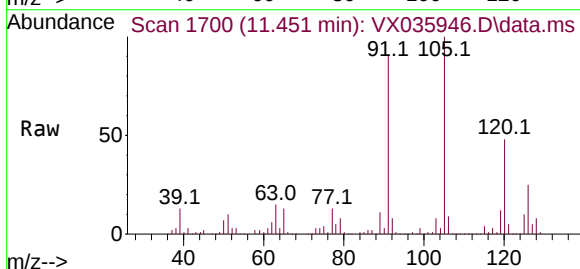
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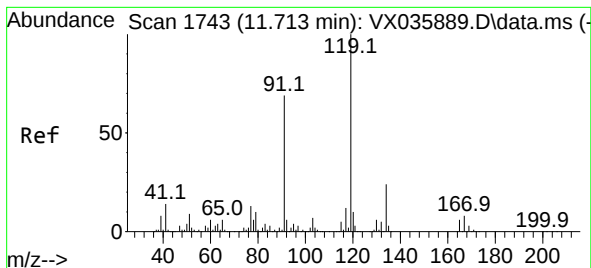
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#82
4-Chlorotoluene
Concen: 48.922 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX035946.D
Acq: 01 Jun 2023 09:29

Tgt Ion: 91 Resp: 480207
Ion Ratio Lower Upper
91 100
126 28.5 13.7 41.0





#83

tert-Butylbenzene

Concen: 49.057 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX035946.D

Acq: 01 Jun 2023 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

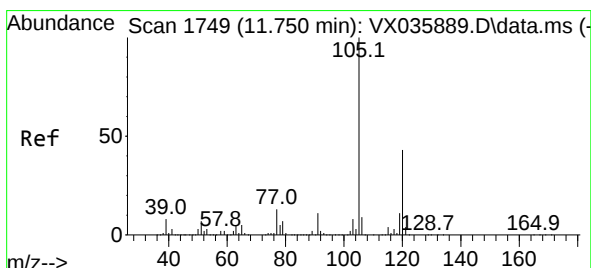
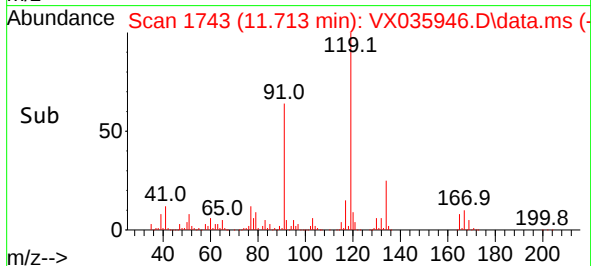
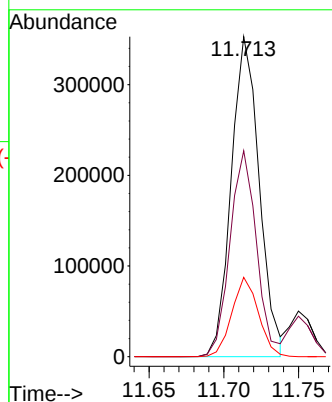
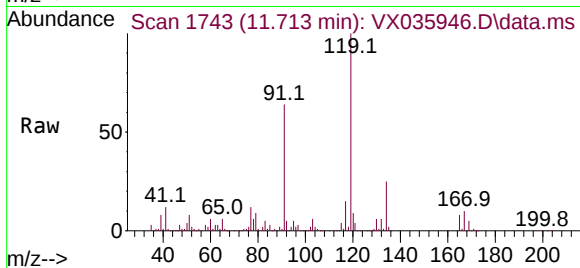
Tgt Ion:119 Resp: 45973
 Ion Ratio Lower Upper
 119 100
 91 61.2 32.4 97.0
 134 23.5 11.6 34.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2023

Supervised By :Semsettin Yesilyurt 06/02/2023



#84

1,2,4-Trimethylbenzene

Concen: 48.975 ug/l

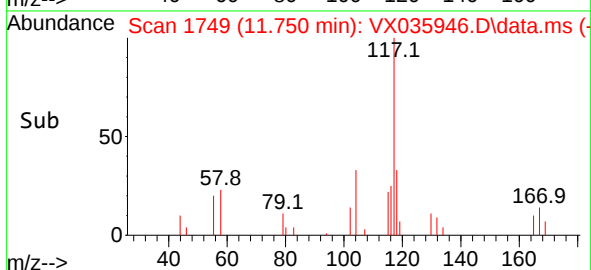
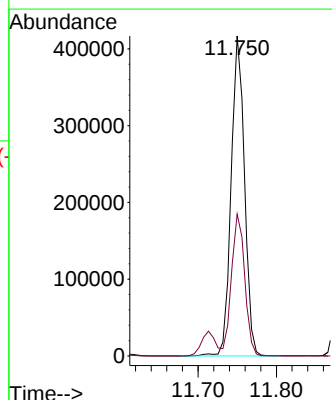
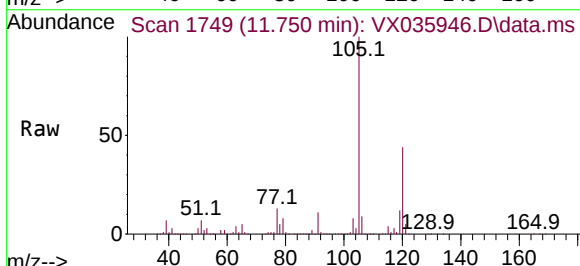
RT: 11.750 min Scan# 1749

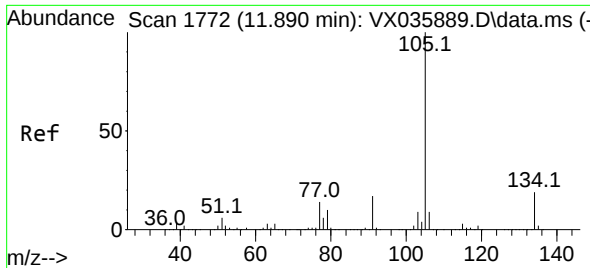
Delta R.T. -0.000 min

Lab File: VX035946.D

Acq: 01 Jun 2023 09:29

Tgt Ion:105 Resp: 493035
 Ion Ratio Lower Upper
 105 100
 120 43.7 21.6 64.8





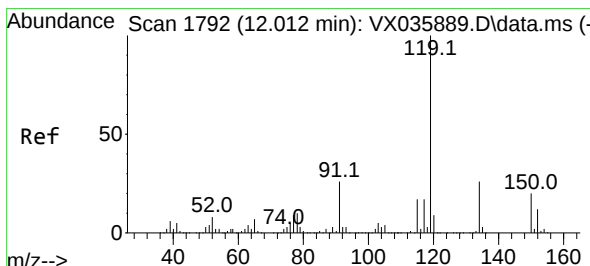
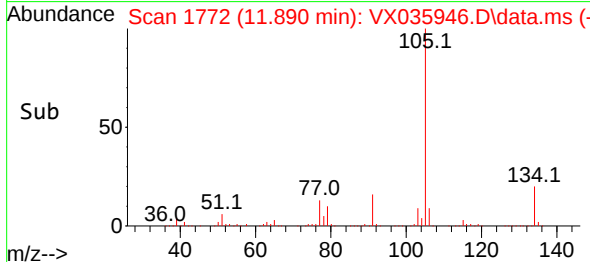
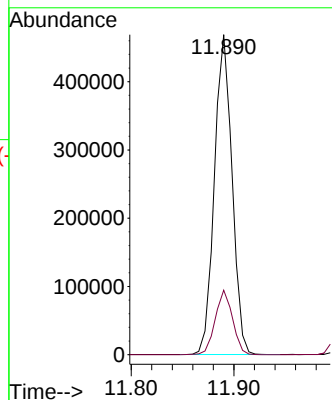
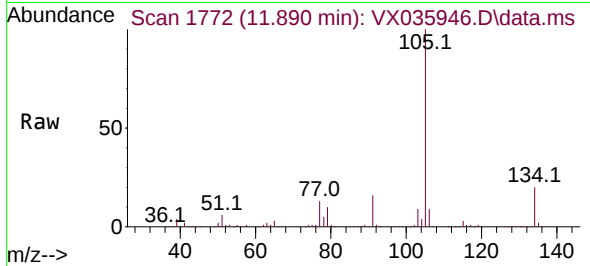
#85
 sec-Butylbenzene
 Concen: 50.237 ug/l
 RT: 11.890 min Scan# 11772
 Delta R.T. 0.000 min
 Lab File: VX035946.D
 Acq: 01 Jun 2023 09:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 558434
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.7 28.9

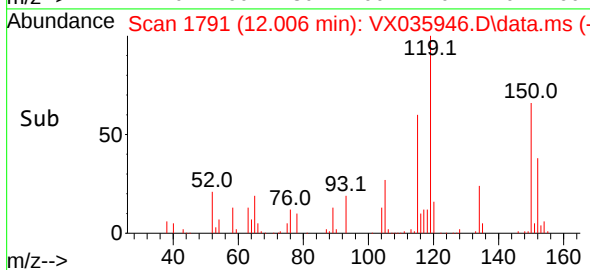
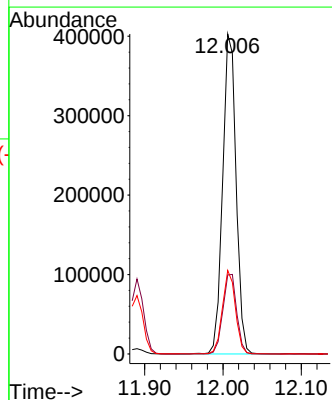
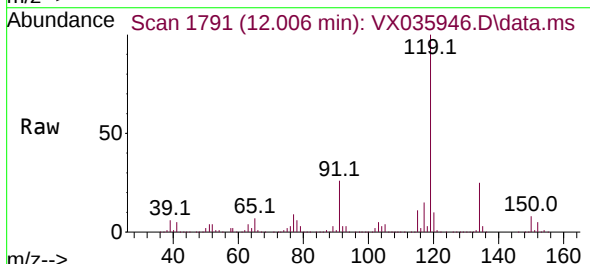
Manual Integrations
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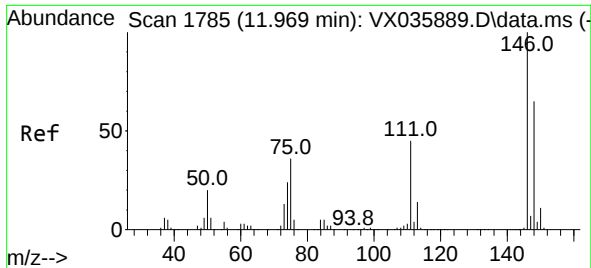
Reviewed By :John Carlone 06/02/2023
 Supervised By :Semsettin Yesilyurt 06/02/2023



#86
 p-Isopropyltoluene
 Concen: 50.734 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.006 min
 Lab File: VX035946.D
 Acq: 01 Jun 2023 09:29

Tgt Ion:119 Resp: 482154
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.7 38.1
 91 25.4 13.5 40.5





#87

1,3-Dichlorobenzene

Concen: 49.840 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX035946.D

Acq: 01 Jun 2023 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 26268

Ion Ratio Lower Upper

146 100

111 42.5 22.6 67.7

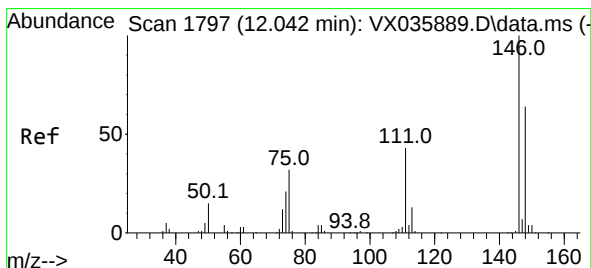
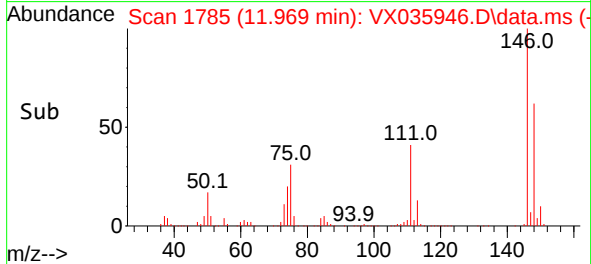
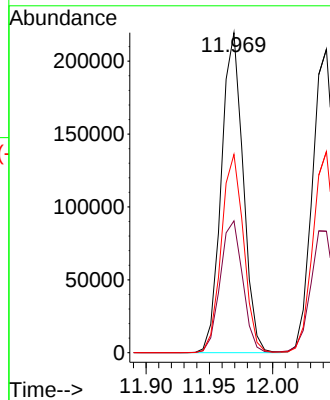
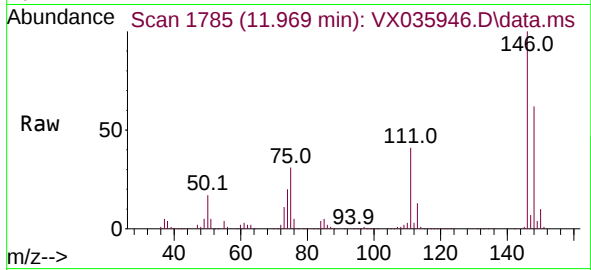
148 63.2 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2023

Supervised By :Semsettin Yesilyurt 06/02/2023



#88

1,4-Dichlorobenzene

Concen: 47.117 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.001 min

Lab File: VX035946.D

Acq: 01 Jun 2023 09:29

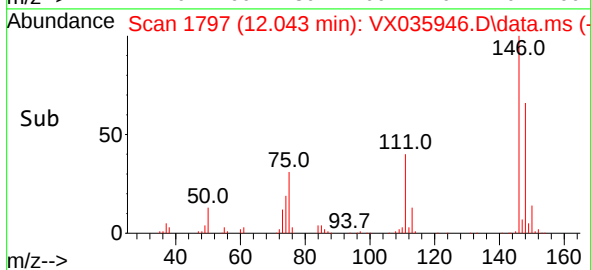
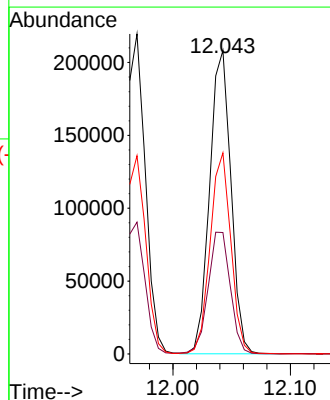
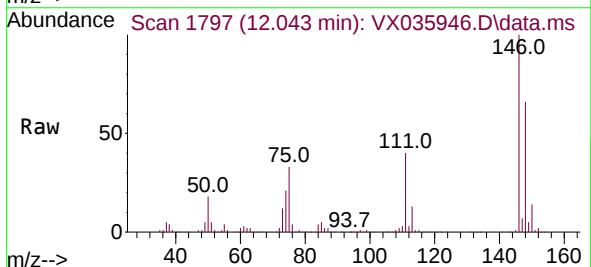
Tgt Ion:146 Resp: 261602

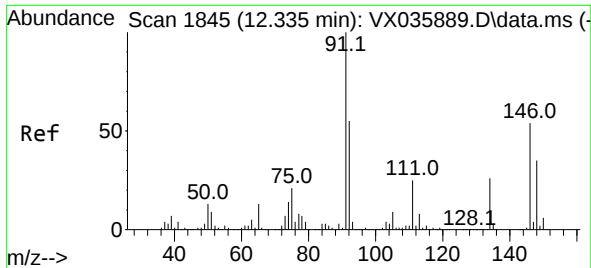
Ion Ratio Lower Upper

146 100

111 42.0 21.8 65.3

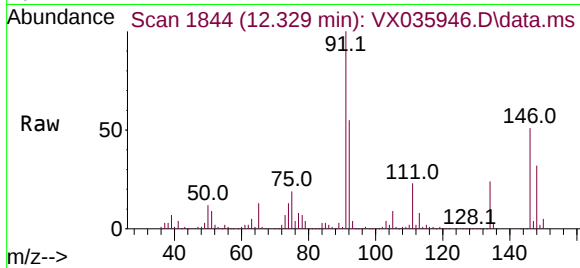
148 64.9 31.9 95.7





#89
n-Butylbenzene
Concen: 51.291 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX035946.D
Acq: 01 Jun 2023 09:29

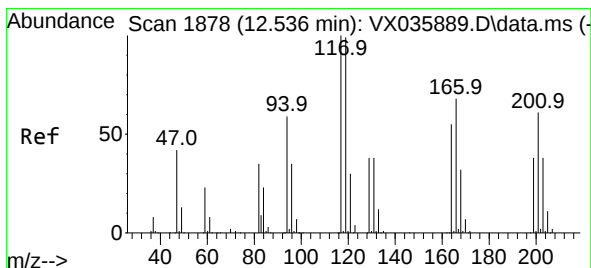
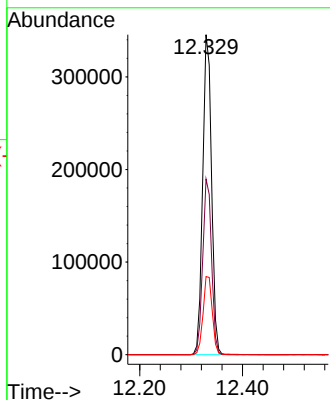
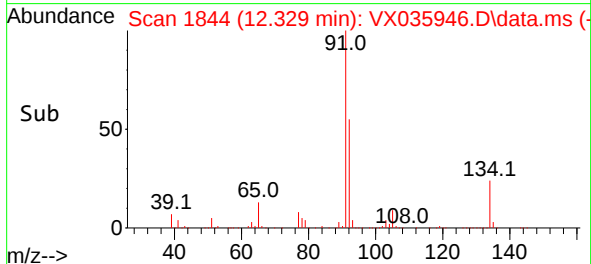
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 411818
Ion Ratio Lower Upper
91 100
92 54.7 27.3 81.8
134 25.3 12.4 37.0

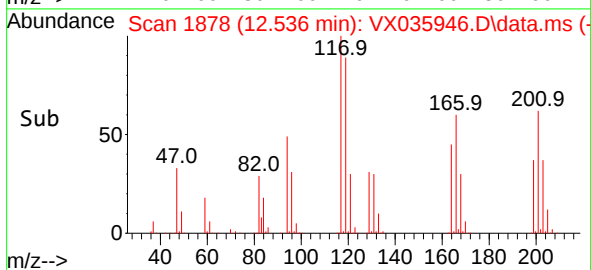
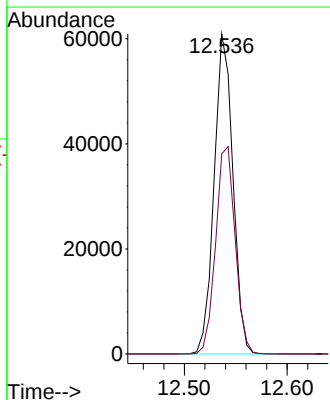
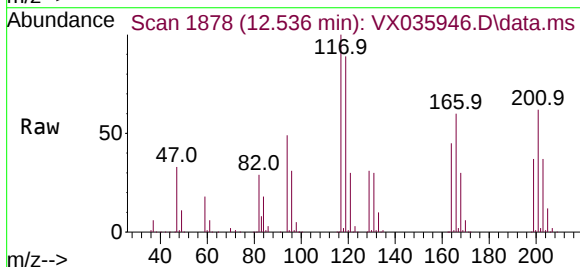
Manual Integrations
APPROVED

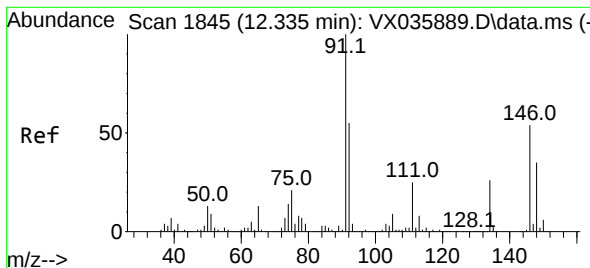
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#90
Hexachloroethane
Concen: 51.253 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX035946.D
Acq: 01 Jun 2023 09:29

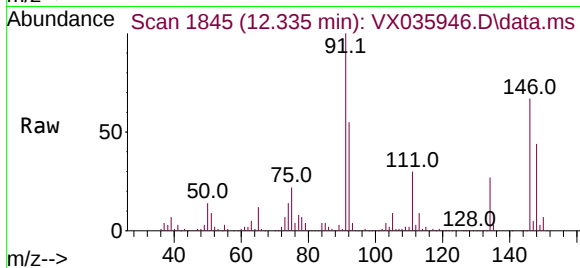
Tgt Ion:117 Resp: 77241
Ion Ratio Lower Upper
117 100
201 67.2 32.7 98.1





#91
1,2-Dichlorobenzene
Concen: 49.194 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035946.D
Acq: 01 Jun 2023 09:29

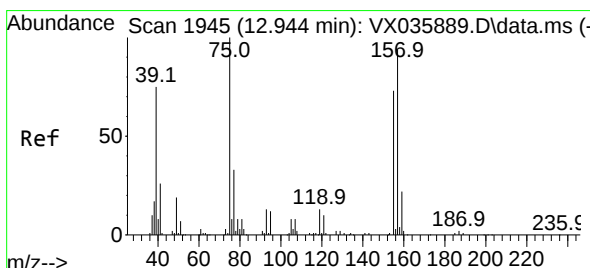
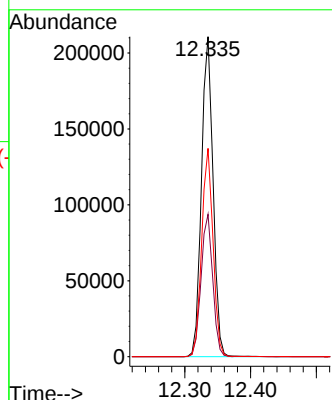
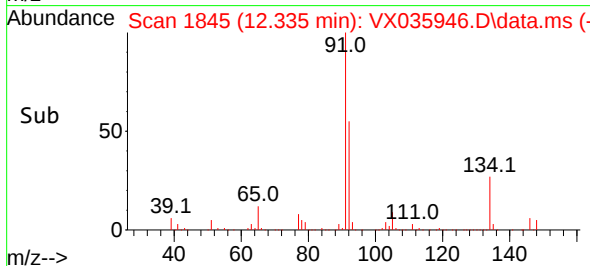
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



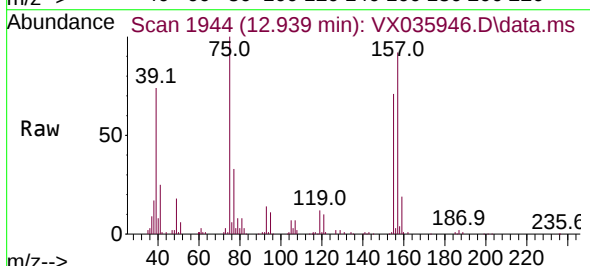
Tgt Ion:146 Resp: 25810
Ion Ratio Lower Upper
146 100
111 44.7 23.3 69.9
148 63.9 31.9 95.7

Manual Integrations
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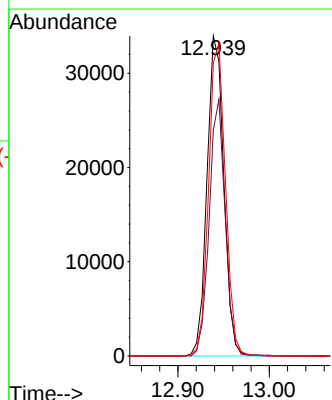
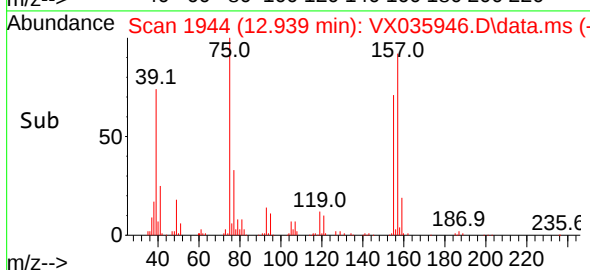
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023

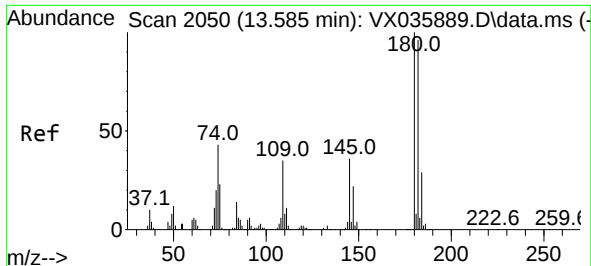


#92
1,2-Dibromo-3-Chloropropane
Concen: 52.742 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.005 min
Lab File: VX035946.D
Acq: 01 Jun 2023 09:29



Tgt Ion: 75 Resp: 43320
Ion Ratio Lower Upper
75 100
155 75.9 35.3 105.7
157 98.0 45.6 136.8





#93

1,2,4-Trichlorobenzene

Concen: 50.533 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX035946.D

Acq: 01 Jun 2023 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 154290

Ion Ratio Lower Upper

180 100

182 93.3 47.3 141.8

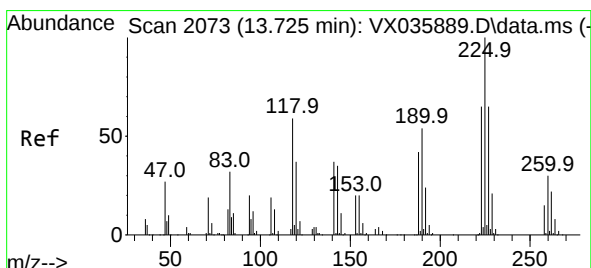
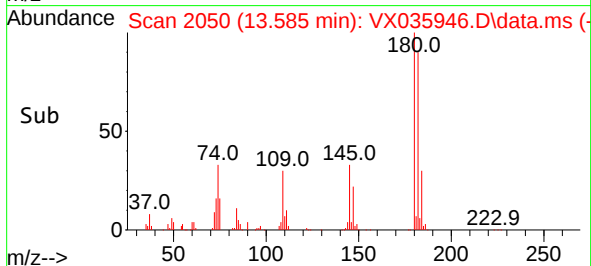
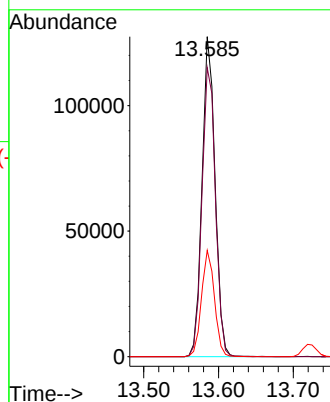
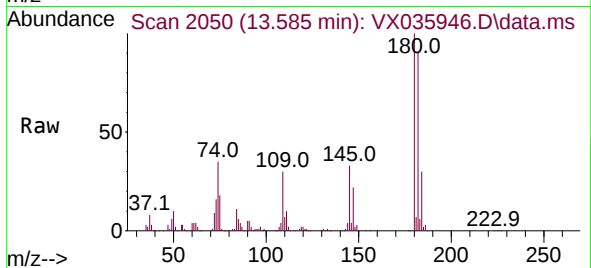
145 33.0 17.3 51.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2023

Supervised By :Semsettin Yesilyurt 06/02/2023



#94

Hexachlorobutadiene

Concen: 47.301 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX035946.D

Acq: 01 Jun 2023 09:29

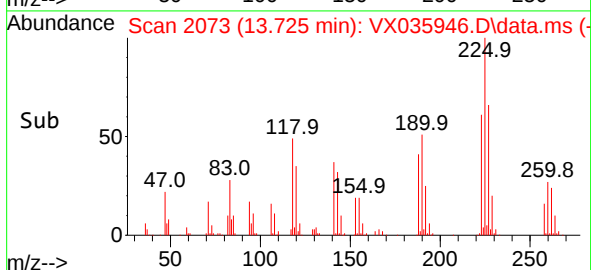
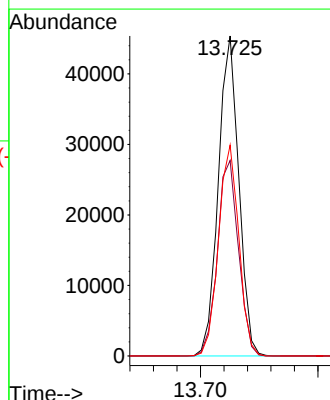
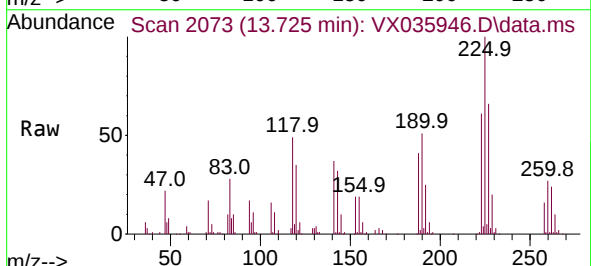
Tgt Ion:225 Resp: 54938

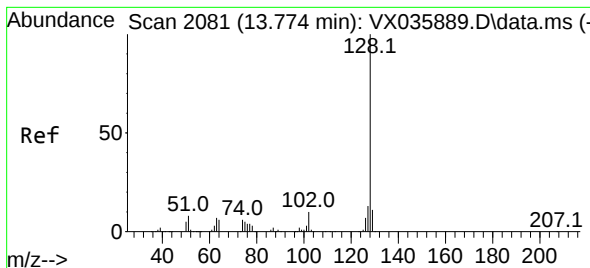
Ion Ratio Lower Upper

225 100

223 62.8 32.6 97.7

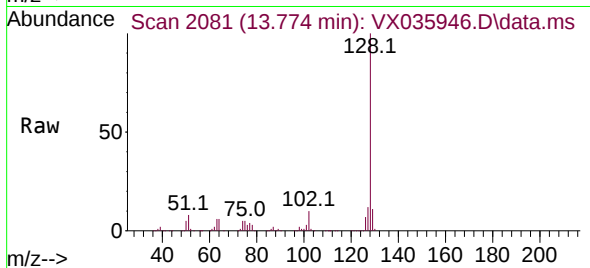
227 65.5 31.9 95.7





#95
Naphthalene
Concen: 50.743 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX035946.D
Acq: 01 Jun 2023 09:29

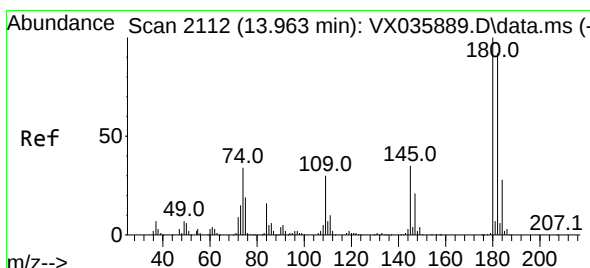
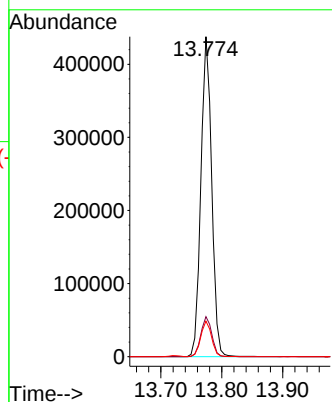
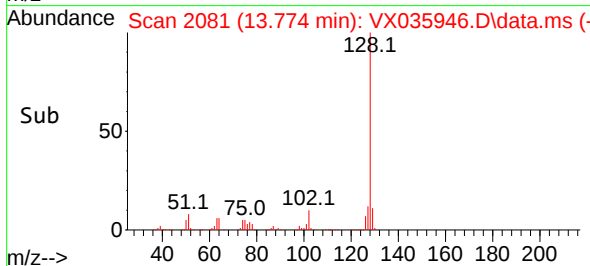
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



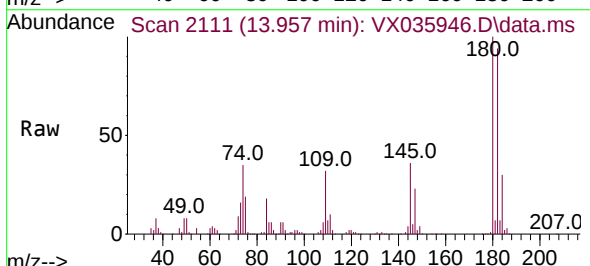
Tgt Ion:128 Resp: 53924
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 11.1 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#96
1,2,3-Trichlorobenzene
Concen: 49.515 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.006 min
Lab File: VX035946.D
Acq: 01 Jun 2023 09:29



Tgt Ion:180 Resp: 149128
Ion Ratio Lower Upper
180 100
182 94.9 46.9 140.7
145 35.8 18.1 54.3

