

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050123\
 Data File : VX035464.D
 Acq On : 02 May 2023 01:36
 Operator : JC/MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDC0050EC

Quant Time: May 02 02:45:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	240836	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	406550	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	361621	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	173981	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	129361	44.522	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.040%
35) Dibromofluoromethane	5.385	113	107439	43.057	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	86.120%
50) Toluene-d8	8.647	98	385758	40.981	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	81.960%#
62) 4-Bromofluorobenzene	11.079	95	149237	42.145	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	84.300%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	107957	42.364	ug/l	98
3) Chloromethane	1.294	50	99752	43.029	ug/l	98
4) Vinyl Chloride	1.373	62	100668	43.296	ug/l	98
5) Bromomethane	1.617	94	63471	41.072	ug/l	96
6) Chloroethane	1.690	64	58288	42.863	ug/l	99
7) Trichlorofluoromethane	1.886	101	155920	42.882	ug/l	99
8) Diethyl Ether	2.129	74	62230	46.941	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	96990	39.938	ug/l	94
10) Methyl Iodide	2.453	142	120888	39.442	ug/l	97
11) Tert butyl alcohol	3.001	59	101616	192.076	ug/l	100
12) 1,1-Dichloroethene	2.318	96	101945	43.583	ug/l	94
13) Acrolein	2.239	56	135178	259.820	ug/l	100
14) Allyl chloride	2.666	41	186885	45.400	ug/l	97
15) Acrylonitrile	3.068	53	329986	249.387	ug/l	100
16) Acetone	2.392	43	271487	215.137	ug/l	98
17) Carbon Disulfide	2.513	76	232408	41.447	ug/l	99
18) Methyl Acetate	2.702	43	250430	51.319	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	418482	52.148	ug/l	98
20) Methylene Chloride	2.788	84	130535	45.113	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	116992	46.052	ug/l	97
22) Diisopropyl ether	3.757	45	402051	49.357	ug/l	96
23) Vinyl Acetate	3.721	43	1450471	259.050	ug/l	98
24) 1,1-Dichloroethane	3.611	63	226826	49.435	ug/l	100
25) 2-Butanone	4.562	43	438693	238.173	ug/l	96
26) 2,2-Dichloropropane	4.477	77	147766	41.107	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	145702	48.792	ug/l	93
28) Bromochloromethane	4.897	49	104224	53.303	ug/l	84
29) Tetrahydrofuran	5.007	42	289659	245.318	ug/l	94
30) Chloroform	5.092	83	238763	51.547	ug/l	97
31) Cyclohexane	5.470	56	166922	40.499	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	200222	49.324	ug/l	96
36) 1,1-Dichloropropene	5.696	75	163427	41.945	ug/l	99
37) Ethyl Acetate	4.714	43	170270	47.847	ug/l	95
38) Carbon Tetrachloride	5.678	117	165619	44.777	ug/l	96
39) Methylcyclohexane	7.378	83	167877	35.397	ug/l	99
40) Benzene	6.037	78	512376	45.842	ug/l	100

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Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 02 02:45:31 2023
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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.915	41	101347	49.703	ug/l	97
42) 1,2-Dichloroethane	6.086	62	191010	47.930	ug/l	98
43) Isopropyl Acetate	6.336	43	302569	50.601	ug/l	95
44) Trichloroethene	7.122	130	140683	45.690	ug/l	95
45) 1,2-Dichloropropane	7.427	63	136490	48.438	ug/l	99
46) Dibromomethane	7.580	93	95352	49.276	ug/l	92
47) Bromodichloromethane	7.824	83	179756	50.419	ug/l	98
48) Methyl methacrylate	7.689	41	150245	51.223	ug/l	91
49) 1,4-Dioxane	7.714	88	66225	926.276	ug/l	95
51) 4-Methyl-2-Pentanone	8.573	43	905405	246.461	ug/l	96
52) Toluene	8.720	92	330746	46.684	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	197068	52.928	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	214193	50.896	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	138372	48.993	ug/l	97
56) Ethyl methacrylate	9.116	69	217853	51.779	ug/l	90
57) 1,3-Dichloropropane	9.305	76	234381	48.518	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	549357	261.134	ug/l	94
59) 2-Hexanone	9.433	43	668148	242.100	ug/l	93
60) Dibromochloromethane	9.518	129	145467	53.756	ug/l	99
61) 1,2-Dibromoethane	9.610	107	145386	49.933	ug/l	99
64) Tetrachloroethene	9.274	164	117153	42.311	ug/l	98
65) Chlorobenzene	10.079	112	360528	46.081	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	137984	50.676	ug/l	99
67) Ethyl Benzene	10.195	91	623753	46.037	ug/l	99
68) m/p-Xylenes	10.299	106	482225	92.883	ug/l	97
69) o-Xylene	10.640	106	240591	47.258	ug/l	100
70) Styrene	10.652	104	401606	48.653	ug/l	97
71) Bromoform	10.799	173	104331	55.087	ug/l #	100
73) Isopropylbenzene	10.963	105	601221	47.274	ug/l	100
74) N-amyl acetate	10.841	43	256573	53.683	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	198917	50.392	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	217942	62.798	ug/l	82
77) Bromobenzene	11.201	156	156895	49.629	ug/l	91
78) n-propylbenzene	11.305	91	664290	45.480	ug/l	99
79) 2-Chlorotoluene	11.366	91	422014	46.237	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	506572	47.239	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	54181	50.564	ug/l	98
82) 4-Chlorotoluene	11.451	91	484736	47.286	ug/l	97
83) tert-Butylbenzene	11.713	119	492531	45.776	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	513557	47.663	ug/l	99
85) sec-Butylbenzene	11.890	105	560827	42.493	ug/l	100
86) p-Isopropyltoluene	12.012	119	486142	43.309	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	282176	46.968	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	286067	45.414	ug/l	99
89) n-Butylbenzene	12.335	91	382011	40.315	ug/l	99
90) Hexachloroethane	12.536	117	80732	46.984	ug/l	87
91) 1,2-Dichlorobenzene	12.335	146	283491	47.179	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	41428	52.339	ug/l	82
93) 1,2,4-Trichlorobenzene	13.591	180	168429	44.593	ug/l	99
94) Hexachlorobutadiene	13.725	225	58912	35.539	ug/l	99
95) Naphthalene	13.774	128	598677	51.488	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	168089	44.209	ug/l	98

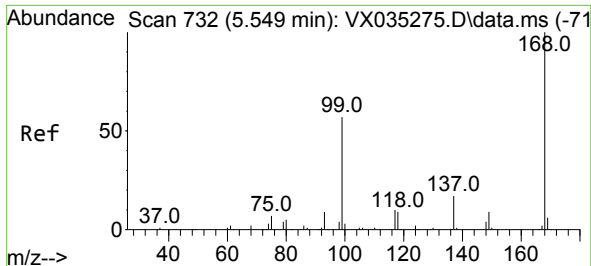
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050123\
Data File : VX035464.D
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Response via : Initial Calibration

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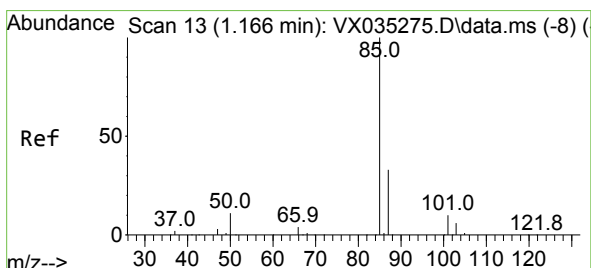
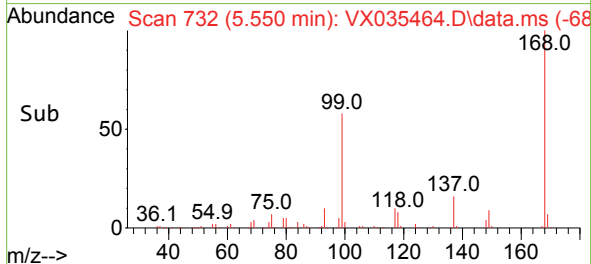
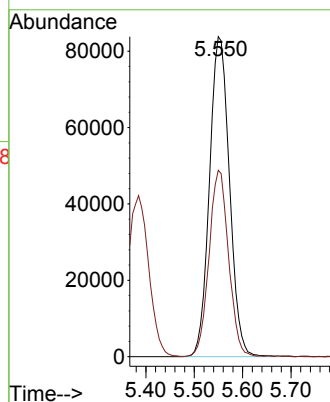
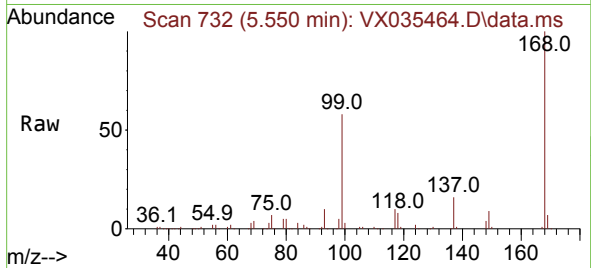
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035464.D
Acq: 02 May 2023 01:36

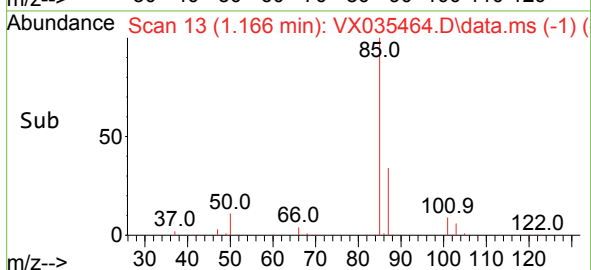
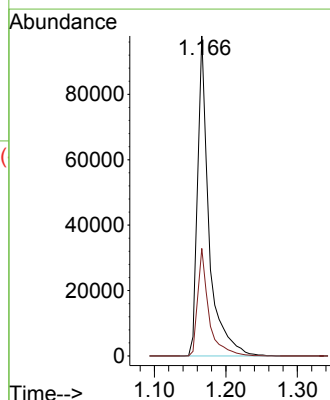
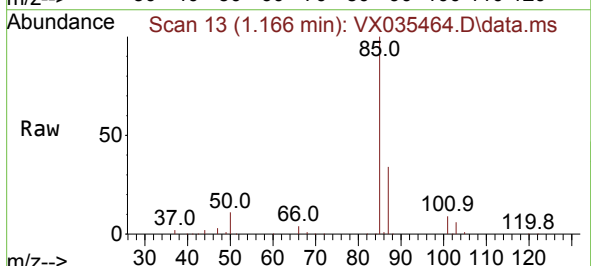
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

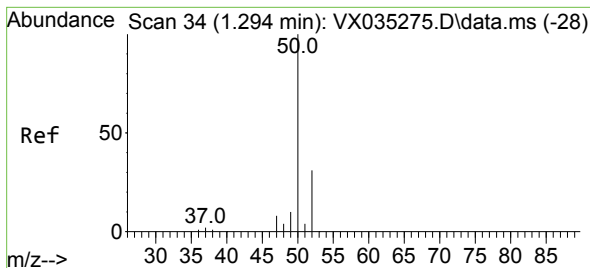
Tgt Ion:168 Resp: 240836
Ion Ratio Lower Upper
168 100
99 58.1 45.7 68.5



#2
Dichlorodifluoromethane
Concen: 42.364 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX035464.D
Acq: 02 May 2023 01:36

Tgt Ion: 85 Resp: 107957
Ion Ratio Lower Upper
85 100
87 33.6 16.4 49.1





#3

Chloromethane

Concen: 43.029 ug/l

RT: 1.294 min Scan# 34

Delta R.T. 0.000 min

Lab File: VX035464.D

Acq: 02 May 2023 01:36

Instrument :

MSVOA_X

ClientSampleId :

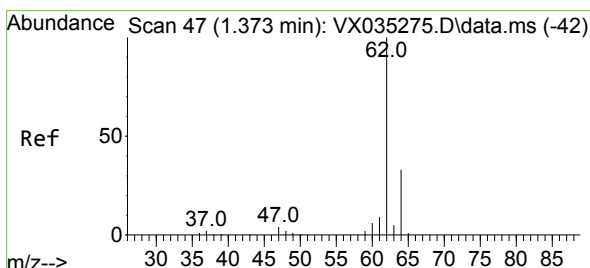
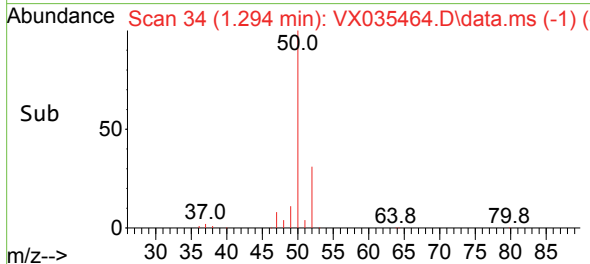
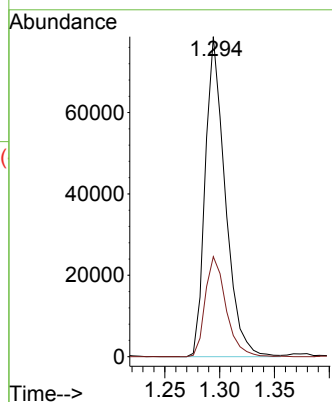
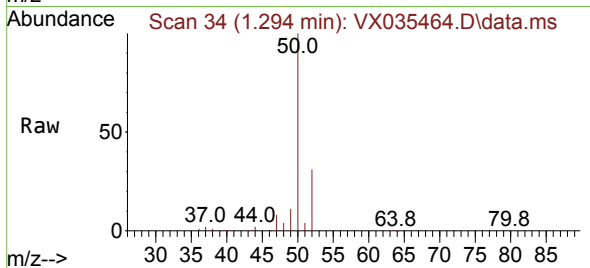
VSTDCCC050EC

Tgt Ion: 50 Resp: 99752

Ion Ratio Lower Upper

50 100

52 31.2 25.9 38.9



#4

Vinyl Chloride

Concen: 43.296 ug/l

RT: 1.373 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX035464.D

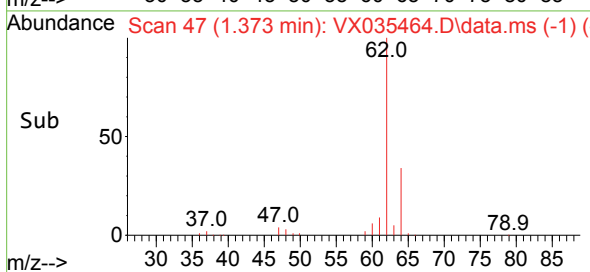
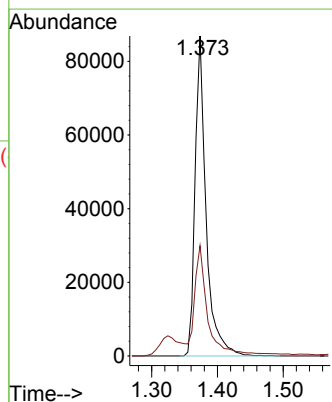
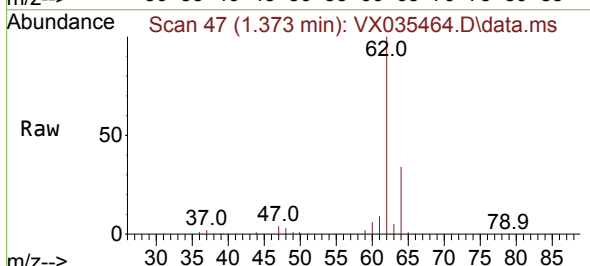
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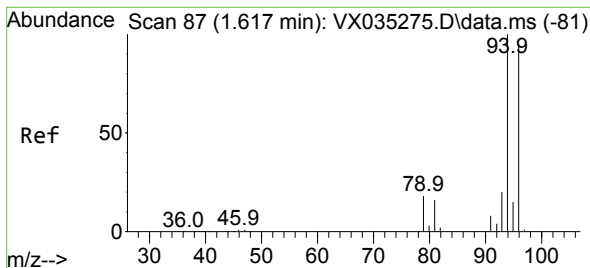
Tgt Ion: 62 Resp: 100668

Ion Ratio Lower Upper

62 100

64 33.9 26.4 39.6





#5

Bromomethane

Concen: 41.072 ug/l

RT: 1.617 min Scan# 81

Delta R.T. 0.000 min

Lab File: VX035464.D

Acq: 02 May 2023 01:36

Instrument :

MSVOA_X

ClientSampleId :

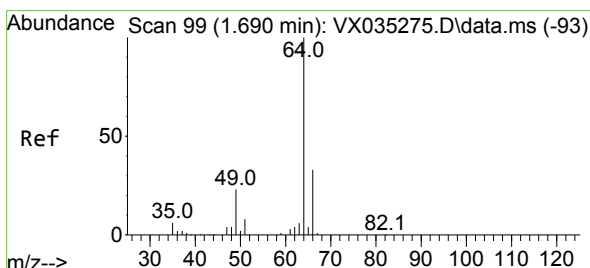
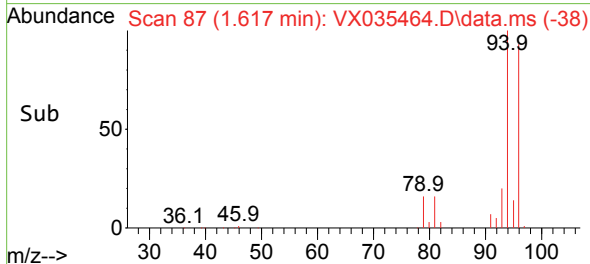
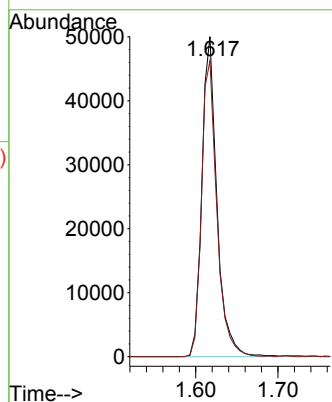
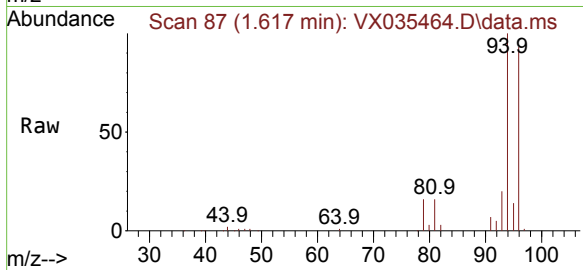
VSTDCCC050EC

Tgt Ion: 94 Resp: 63471

Ion Ratio Lower Upper

94 100

96 92.6 77.0 115.6



#6

Chloroethane

Concen: 42.863 ug/l

RT: 1.690 min Scan# 99

Delta R.T. 0.000 min

Lab File: VX035464.D

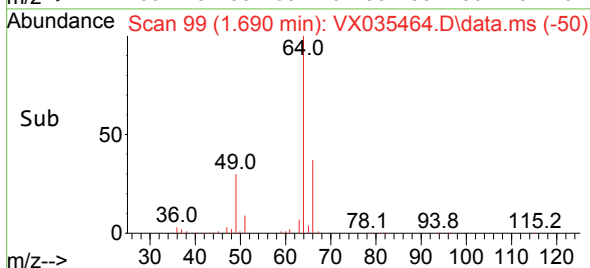
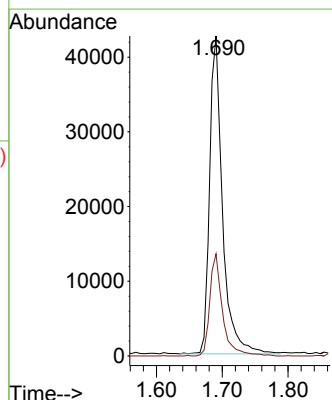
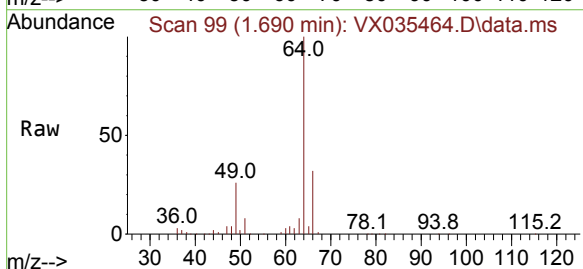
Acq: 02 May 2023 01:36

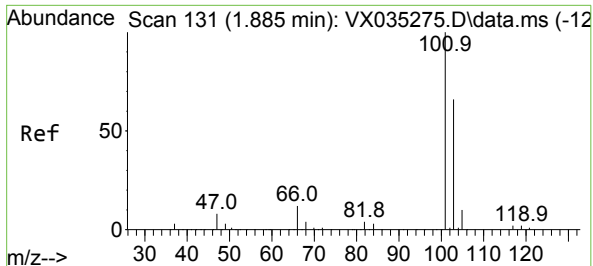
Tgt Ion: 64 Resp: 58288

Ion Ratio Lower Upper

64 100

66 32.1 26.2 39.4

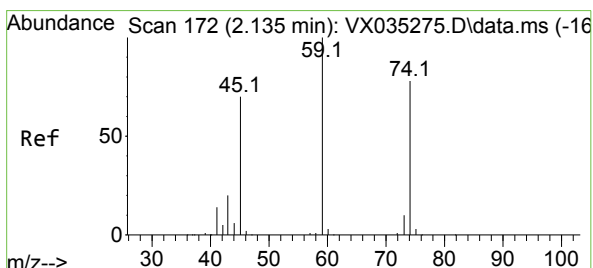
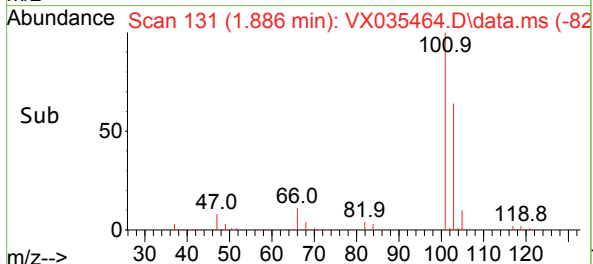
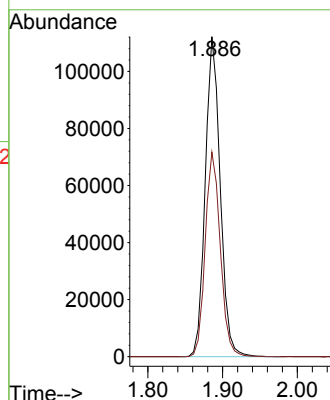
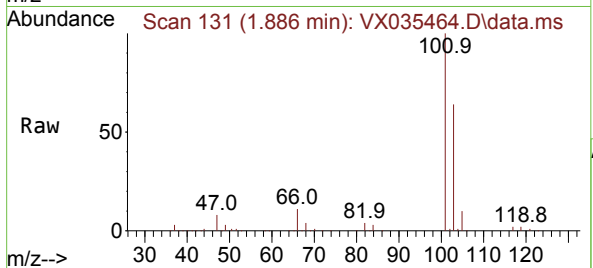




#7
Trichlorofluoromethane
Concen: 42.882 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX035464.D
Acq: 02 May 2023 01:36

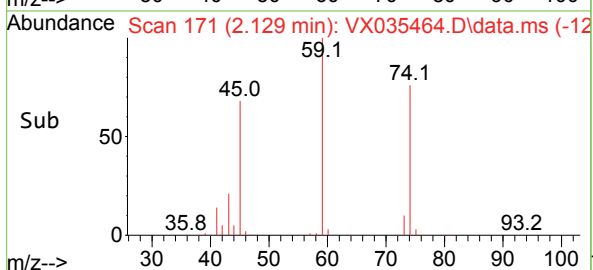
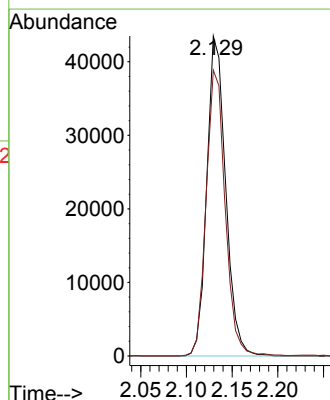
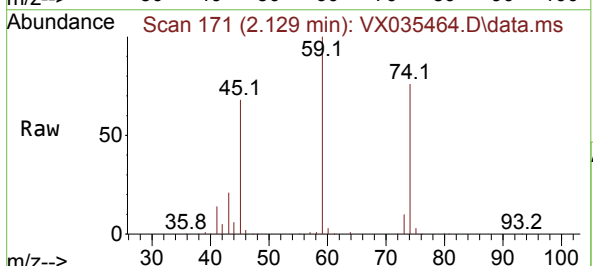
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

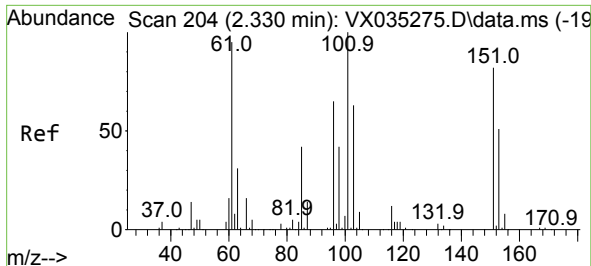
Tgt Ion:101 Resp: 155920
Ion Ratio Lower Upper
101 100
103 63.9 52.0 78.0



#8
Diethyl Ether
Concen: 46.941 ug/l
RT: 2.129 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX035464.D
Acq: 02 May 2023 01:36

Tgt Ion: 74 Resp: 62230
Ion Ratio Lower Upper
74 100
45 90.5 49.8 149.3

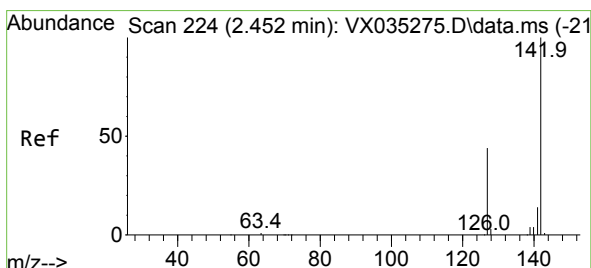
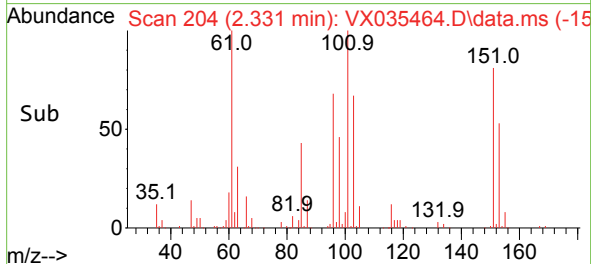
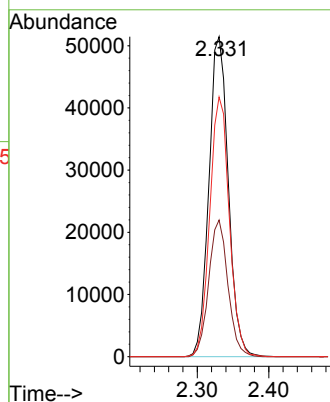
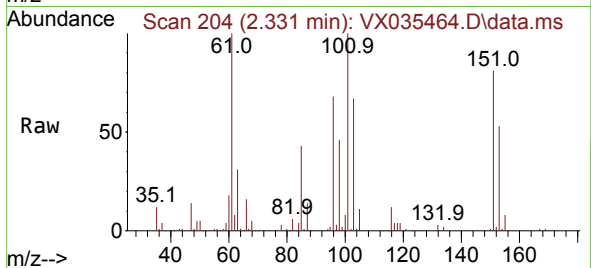




#9
1,1,2-Trichlorotrifluoroethane
Concen: 39.938 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.001 min
Lab File: VX035464.D
Acq: 02 May 2023 01:36

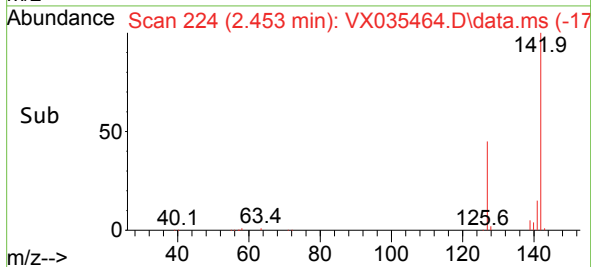
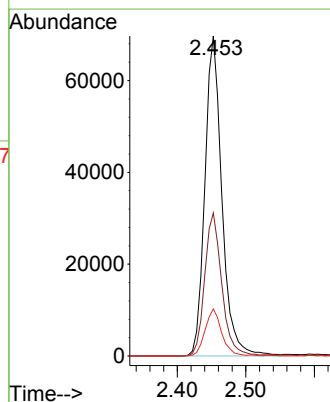
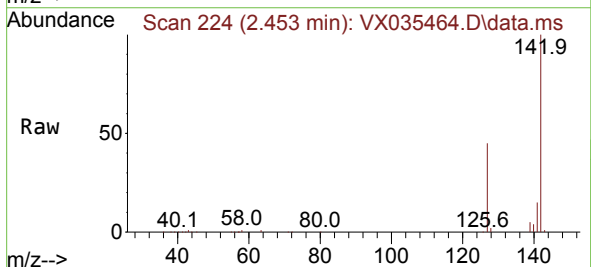
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

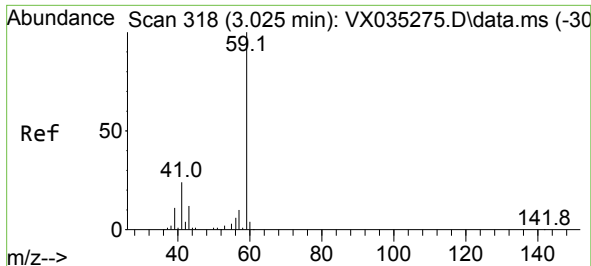
Tgt Ion:101 Resp: 96990
Ion Ratio Lower Upper
101 100
85 42.3 35.4 53.2
151 81.6 60.2 90.4



#10
Methyl Iodide
Concen: 39.442 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.001 min
Lab File: VX035464.D
Acq: 02 May 2023 01:36

Tgt Ion:142 Resp: 120888
Ion Ratio Lower Upper
142 100
127 44.8 34.0 51.0
141 14.4 11.1 16.7

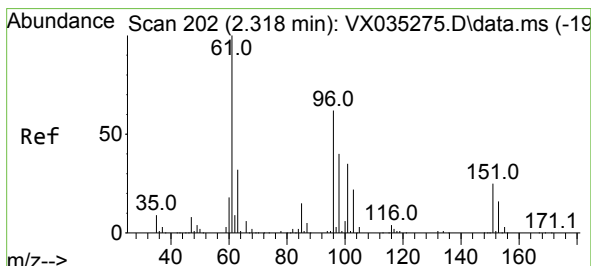
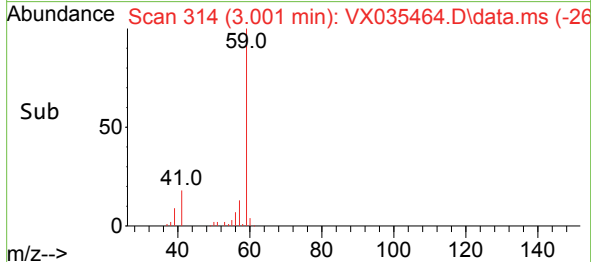
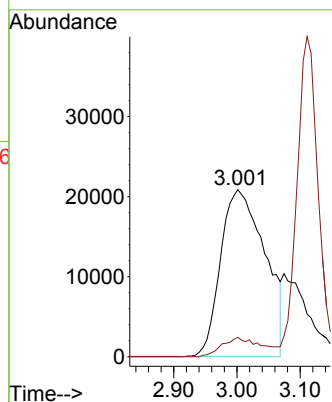
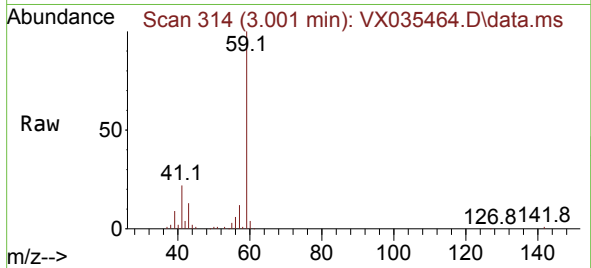




#11
Tert butyl alcohol
Concen: 192.076 ug/l
RT: 3.001 min Scan# 318
Delta R.T. -0.024 min
Lab File: VX035464.D
Acq: 02 May 2023 01:36

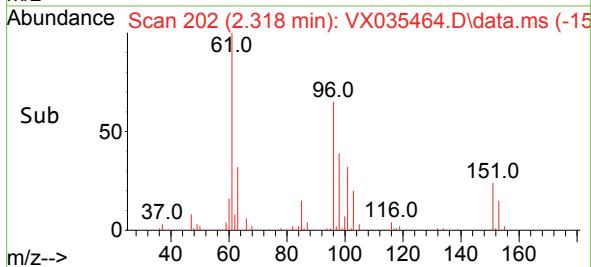
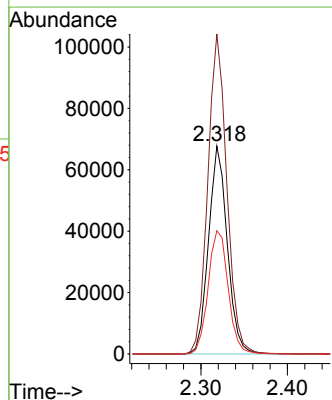
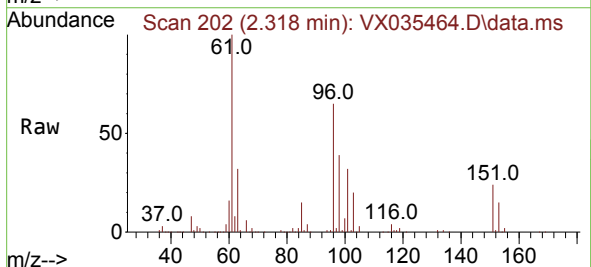
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

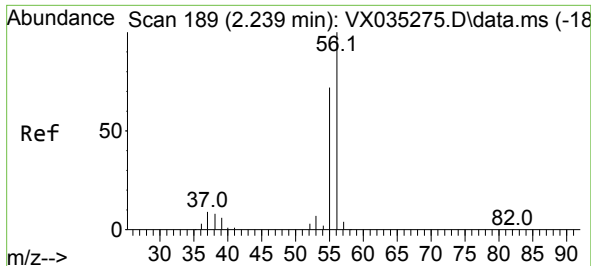
Tgt Ion: 59 Resp: 101616
Ion Ratio Lower Upper
59 100
57 10.2 8.1 12.1



#12
1,1-Dichloroethene
Concen: 43.583 ug/l
RT: 2.318 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX035464.D
Acq: 02 May 2023 01:36

Tgt Ion: 96 Resp: 101945
Ion Ratio Lower Upper
96 100
61 154.0 128.8 193.2
98 59.3 51.4 77.0

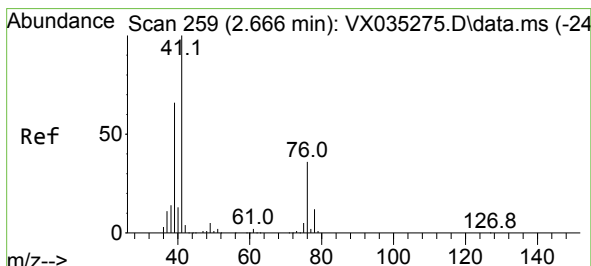
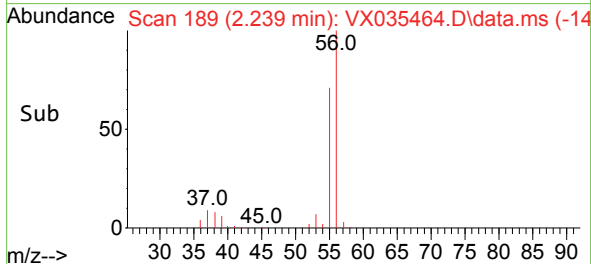
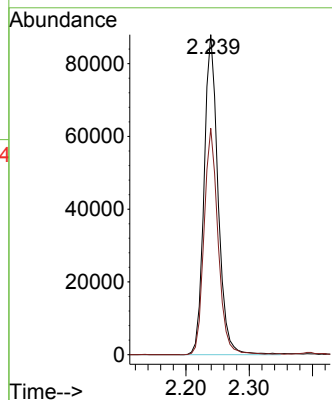
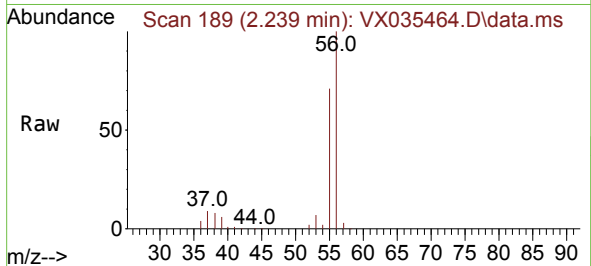




#13
Acrolein
Concen: 259.820 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX035464.D
Acq: 02 May 2023 01:36

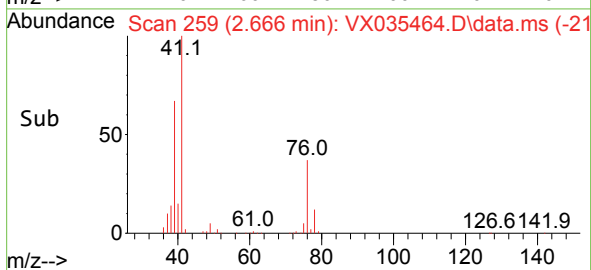
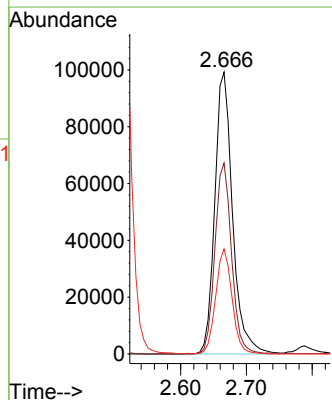
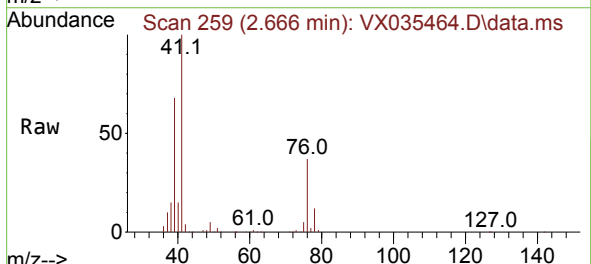
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

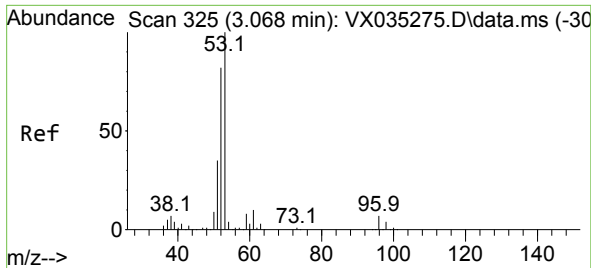
Tgt Ion: 56 Resp: 135178
Ion Ratio Lower Upper
56 100
55 71.0 56.6 85.0



#14
Allyl chloride
Concen: 45.400 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX035464.D
Acq: 02 May 2023 01:36

Tgt Ion: 41 Resp: 186885
Ion Ratio Lower Upper
41 100
39 63.5 52.4 78.6
76 34.3 26.0 39.0

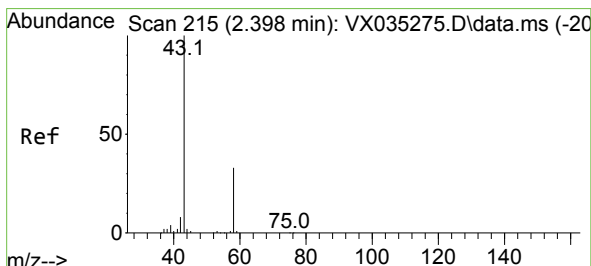
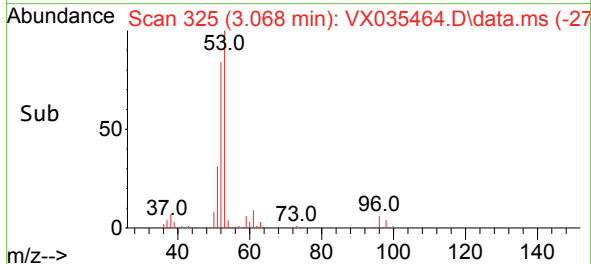
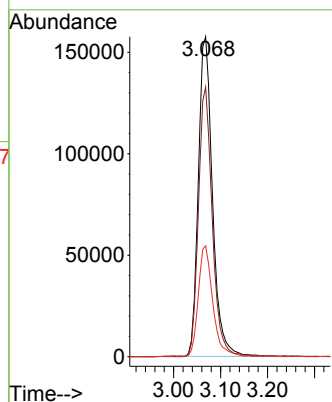
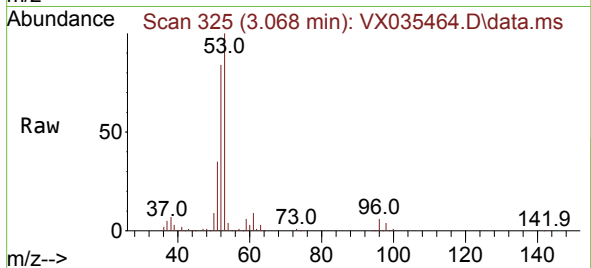




#15
Acrylonitrile
Concen: 249.387 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX035464.D
Acq: 02 May 2023 01:36

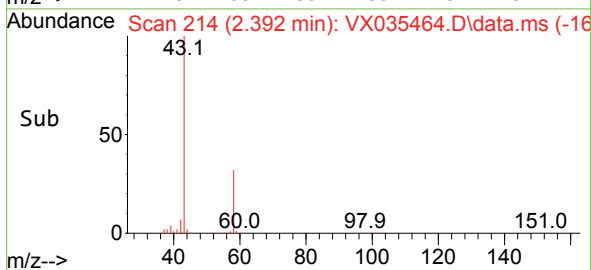
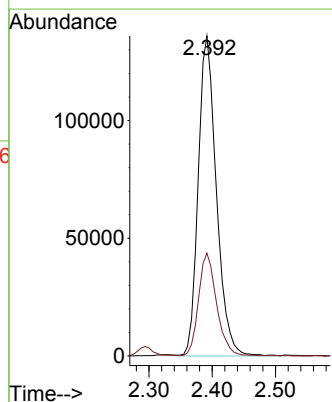
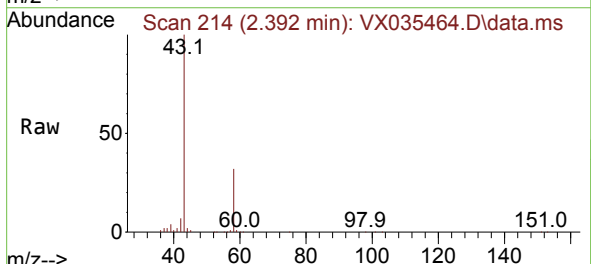
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

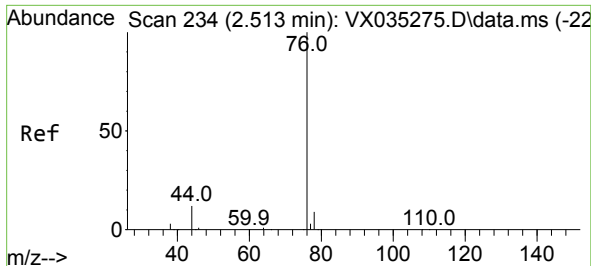
Tgt Ion: 53 Resp: 329986
Ion Ratio Lower Upper
53 100
52 82.6 66.2 99.2
51 35.3 28.3 42.5



#16
Acetone
Concen: 215.137 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX035464.D
Acq: 02 May 2023 01:36

Tgt Ion: 43 Resp: 271487
Ion Ratio Lower Upper
43 100
58 32.0 24.7 37.1





#17

Carbon Disulfide

Concen: 41.447 ug/l

RT: 2.513 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX035464.D

Acq: 02 May 2023 01:36

Instrument :

MSVOA_X

ClientSampleId :

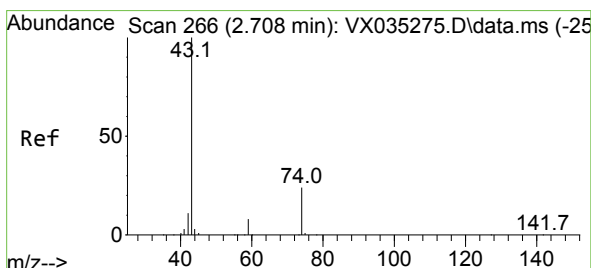
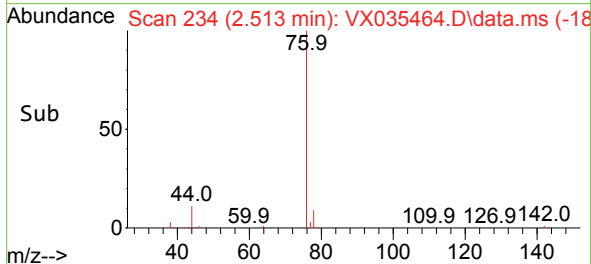
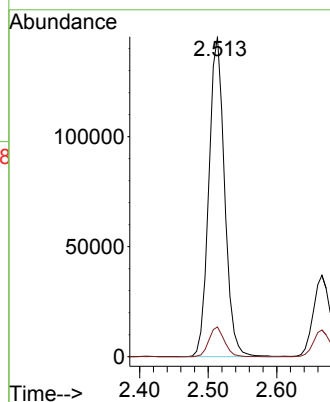
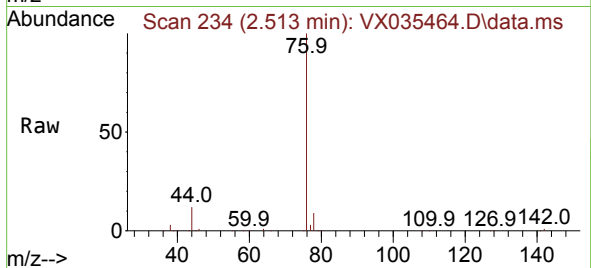
VSTDCCC050EC

Tgt Ion: 76 Resp: 232408

Ion Ratio Lower Upper

76 100

78 9.3 7.2 10.8



#18

Methyl Acetate

Concen: 51.319 ug/l

RT: 2.702 min Scan# 265

Delta R.T. -0.006 min

Lab File: VX035464.D

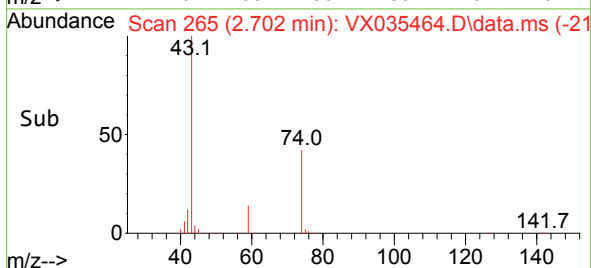
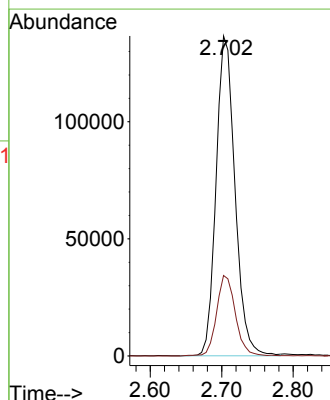
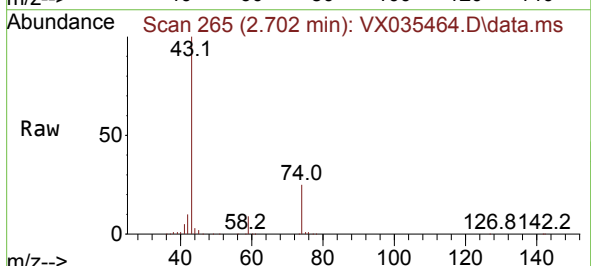
Acq: 02 May 2023 01:36

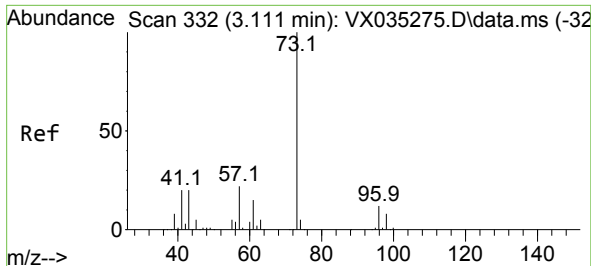
Tgt Ion: 43 Resp: 250430

Ion Ratio Lower Upper

43 100

74 25.3 18.3 27.5

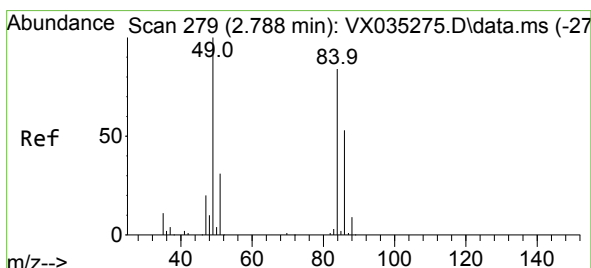
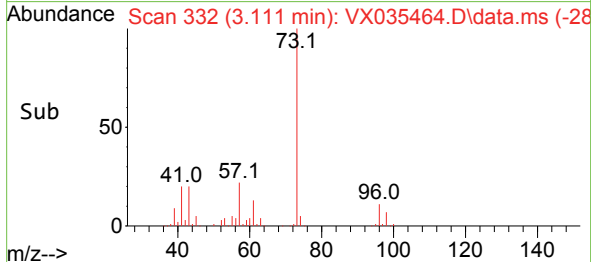
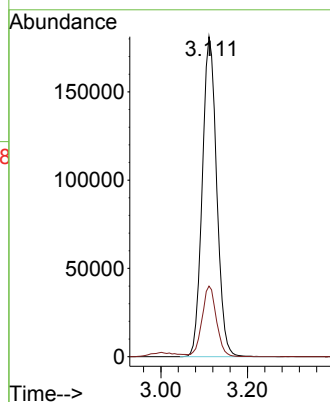
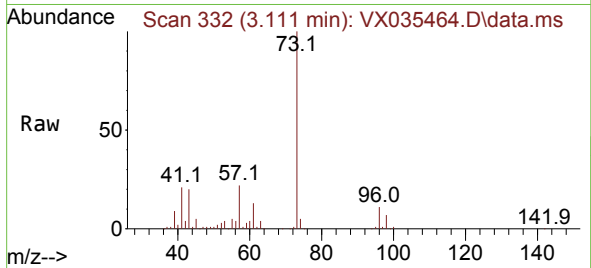




#19
Methyl tert-butyl Ether
Concen: 52.148 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX035464.D
Acq: 02 May 2023 01:36

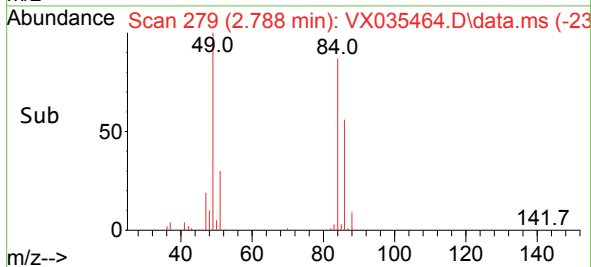
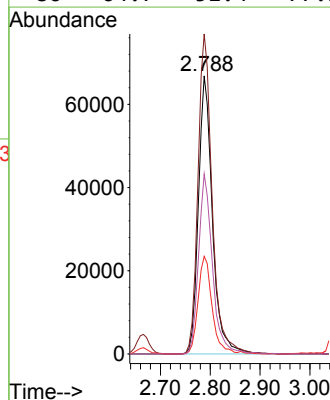
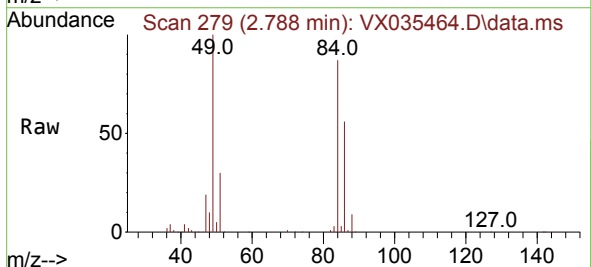
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

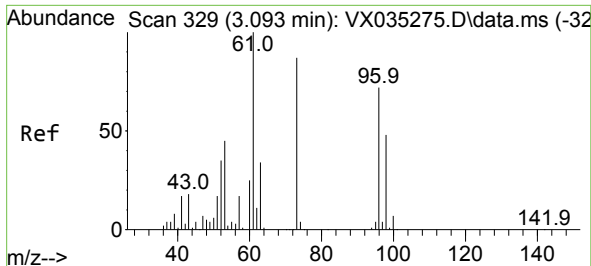
Tgt Ion: 73 Resp: 418482
Ion Ratio Lower Upper
73 100
57 22.1 18.5 27.7



#20
Methylene Chloride
Concen: 45.113 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX035464.D
Acq: 02 May 2023 01:36

Tgt Ion: 84 Resp: 130535
Ion Ratio Lower Upper
84 100
49 115.1 103.8 155.8
51 35.1 31.8 47.8
86 64.7 51.4 77.2

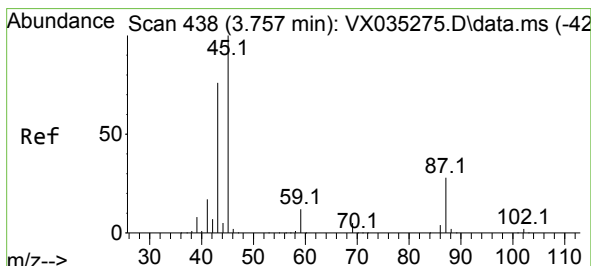
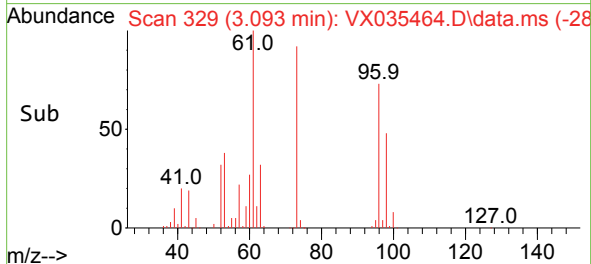
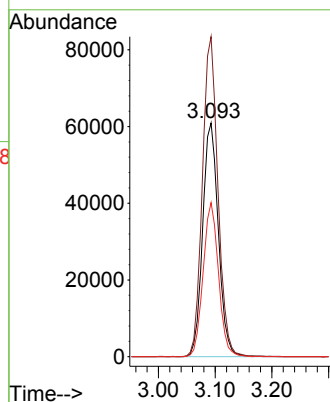
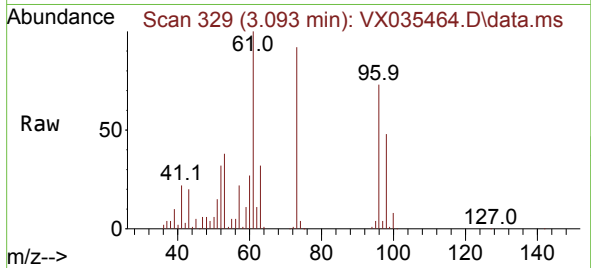




#21
trans-1,2-Dichloroethene
Concen: 46.052 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX035464.D
Acq: 02 May 2023 01:36

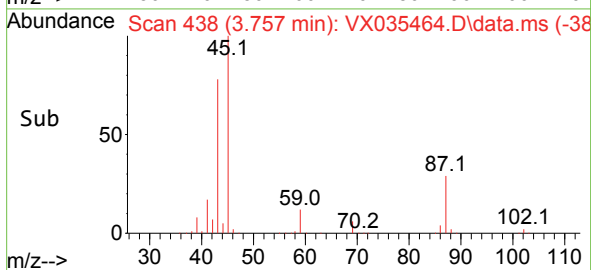
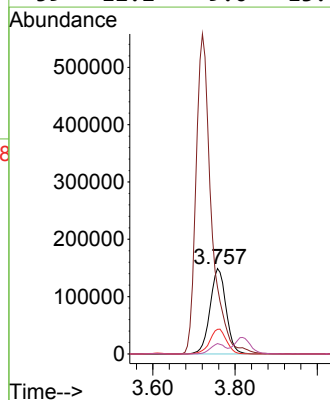
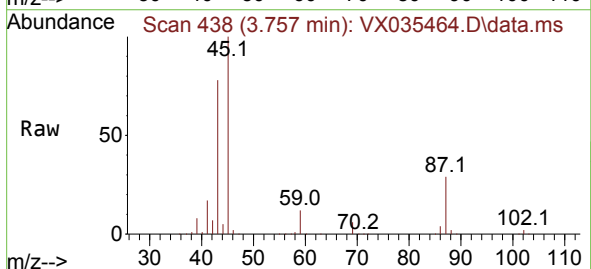
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

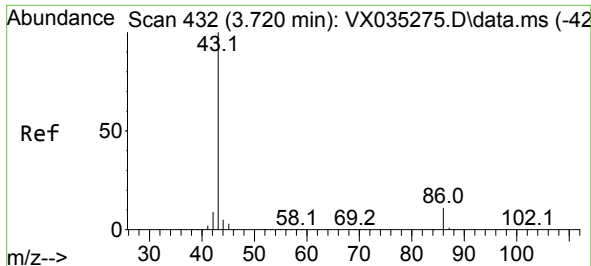
Tgt Ion: 96 Resp: 116992
Ion Ratio Lower Upper
96 100
61 136.9 113.0 169.6
98 65.9 52.1 78.1



#22
Diisopropyl ether
Concen: 49.357 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX035464.D
Acq: 02 May 2023 01:36

Tgt Ion: 45 Resp: 402051
Ion Ratio Lower Upper
45 100
43 78.3 65.4 98.2
87 28.9 20.6 31.0
59 12.2 9.0 13.6

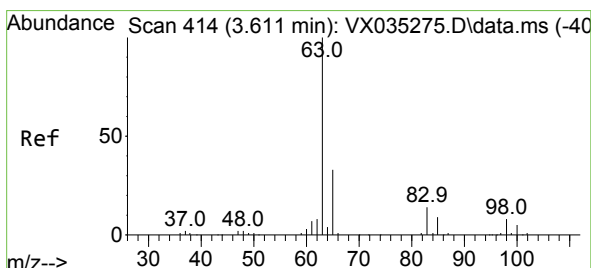
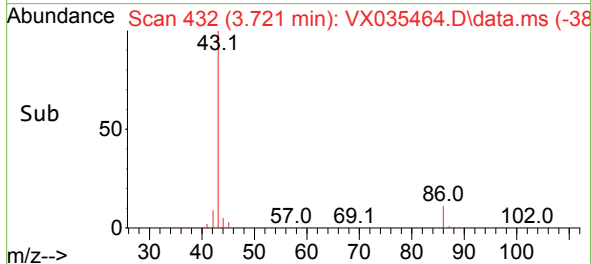
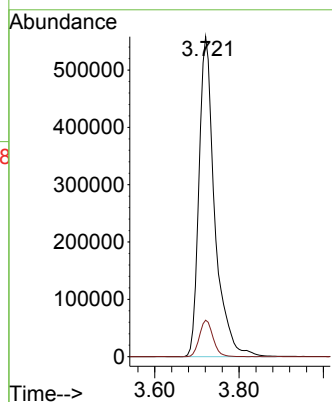
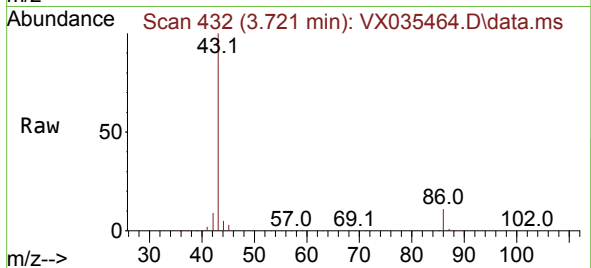




#23
 Vinyl Acetate
 Concen: 259.050 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.001 min
 Lab File: VX035464.D
 Acq: 02 May 2023 01:36

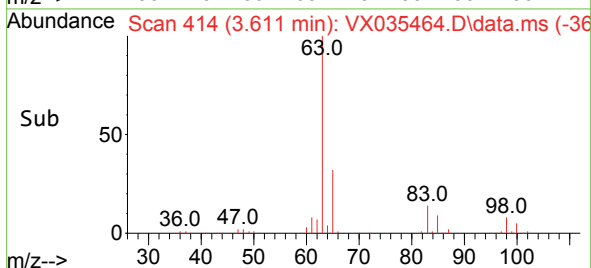
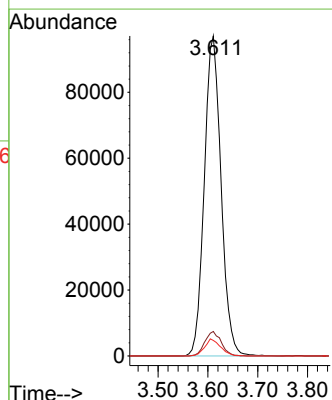
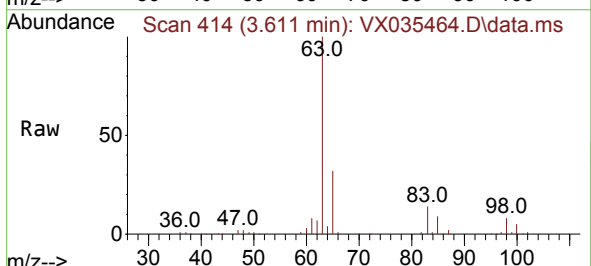
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

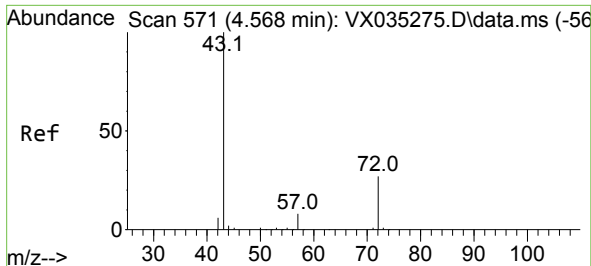
Tgt Ion: 43 Resp: 1450471
 Ion Ratio Lower Upper
 43 100
 86 11.4 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 49.435 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX035464.D
 Acq: 02 May 2023 01:36

Tgt Ion: 63 Resp: 226826
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.8 11.2
 100 4.9 2.4 7.1

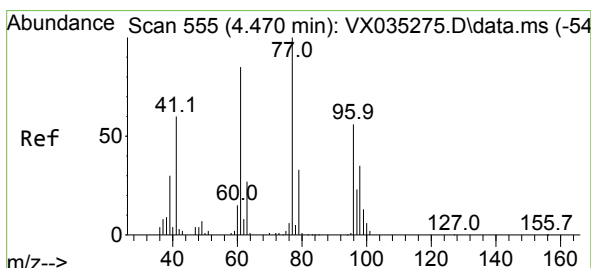
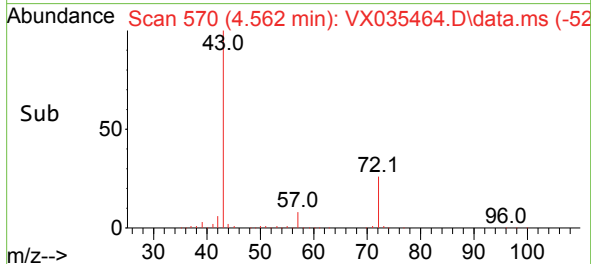
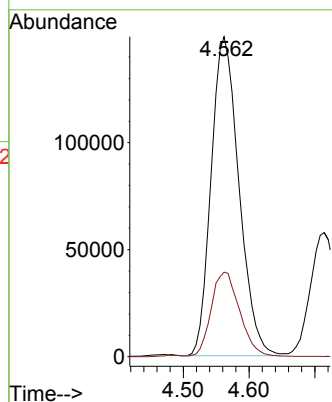
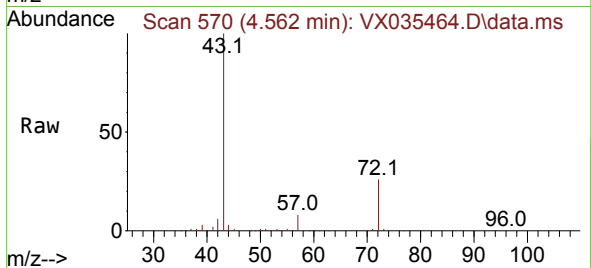




#25
2-Butanone
Concen: 238.173 ug/l
RT: 4.562 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX035464.D
Acq: 02 May 2023 01:36

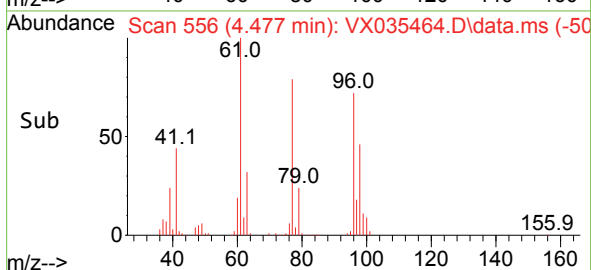
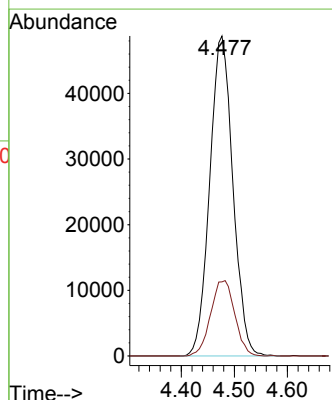
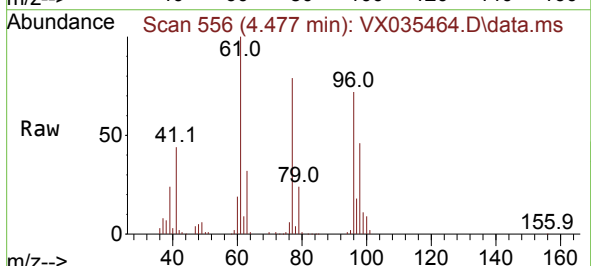
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

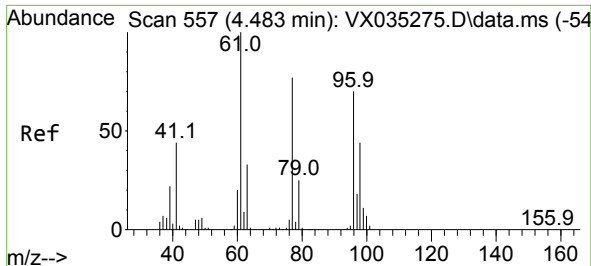
Tgt Ion: 43 Resp: 438693
Ion Ratio Lower Upper
43 100
72 26.3 19.3 28.9



#26
2,2-Dichloropropane
Concen: 41.107 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.007 min
Lab File: VX035464.D
Acq: 02 May 2023 01:36

Tgt Ion: 77 Resp: 147766
Ion Ratio Lower Upper
77 100
97 24.6 11.4 34.1

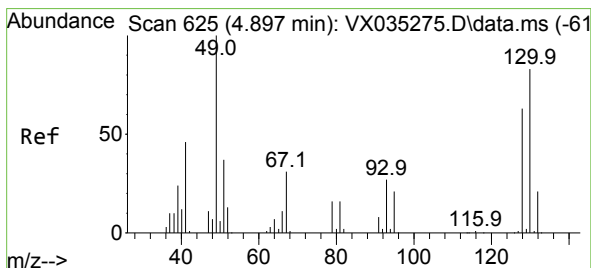
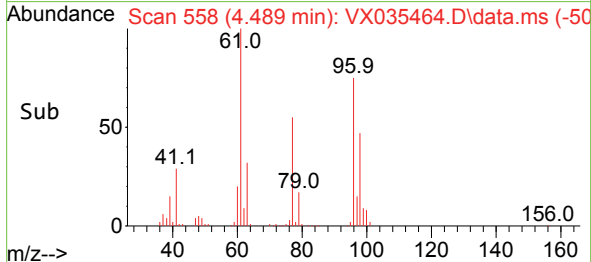
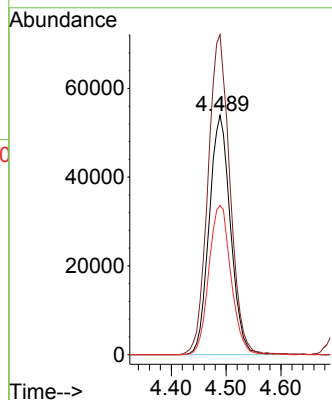
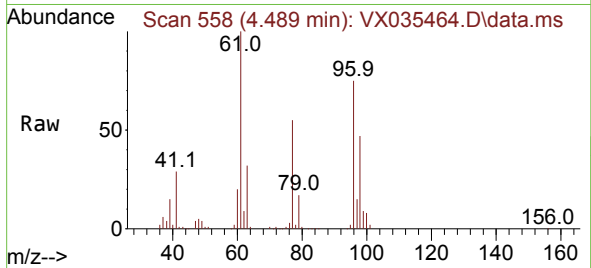




#27
 cis-1,2-Dichloroethene
 Concen: 48.792 ug/l
 RT: 4.489 min Scan# 511
 Delta R.T. 0.006 min
 Lab File: VX035464.D
 Acq: 02 May 2023 01:36

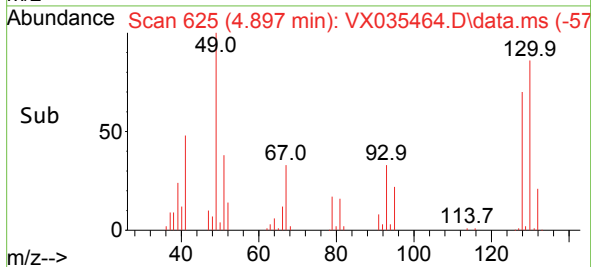
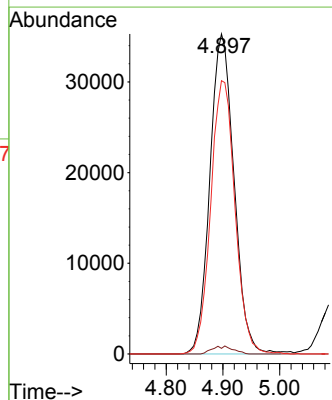
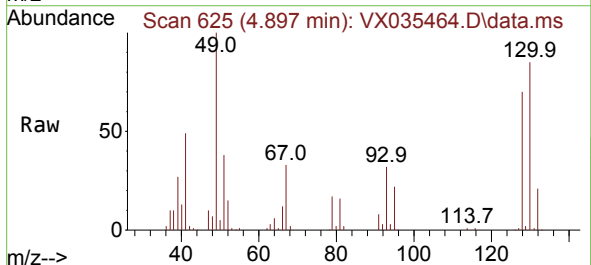
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

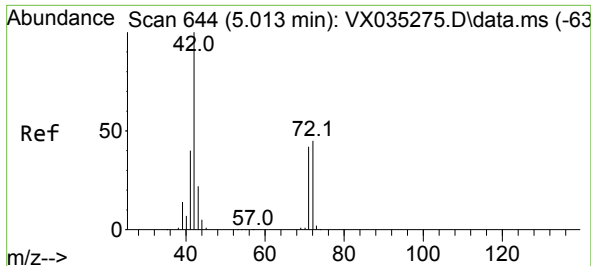
Tgt Ion: 96 Resp: 145702
 Ion Ratio Lower Upper
 96 100
 61 137.8 0.0 300.4
 98 64.6 0.0 129.0



#28
 Bromochloromethane
 Concen: 53.303 ug/l
 RT: 4.897 min Scan# 625
 Delta R.T. 0.000 min
 Lab File: VX035464.D
 Acq: 02 May 2023 01:36

Tgt Ion: 49 Resp: 104224
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.0
 130 86.0 58.2 87.2

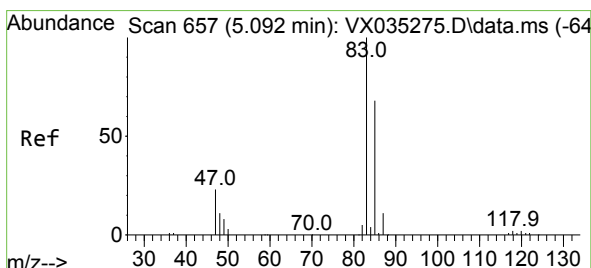
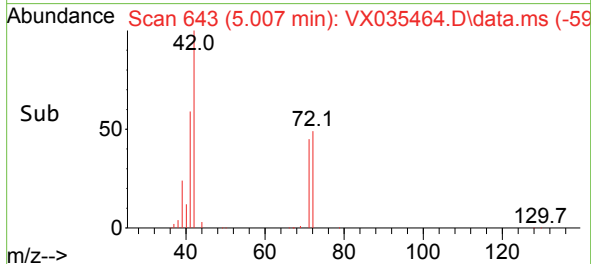
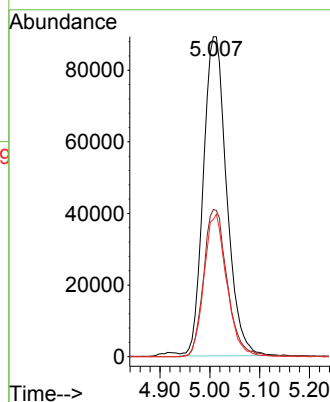
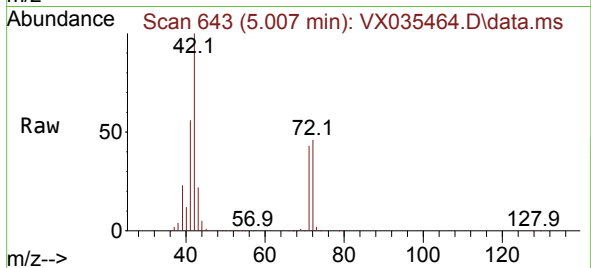




#29
Tetrahydrofuran
Concen: 245.318 ug/l
RT: 5.007 min Scan# 644
Delta R.T. -0.006 min
Lab File: VX035464.D
Acq: 02 May 2023 01:36

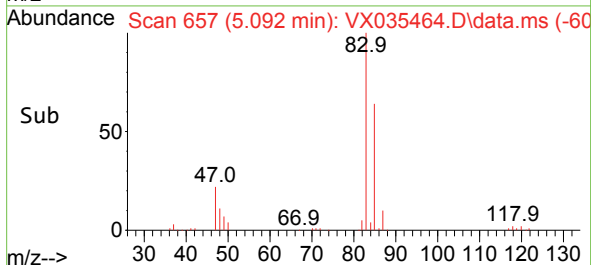
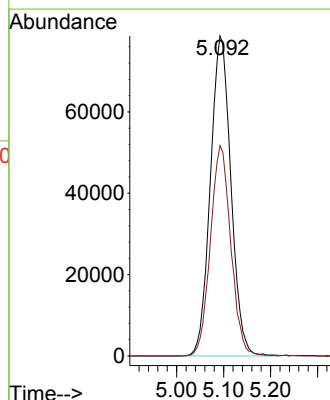
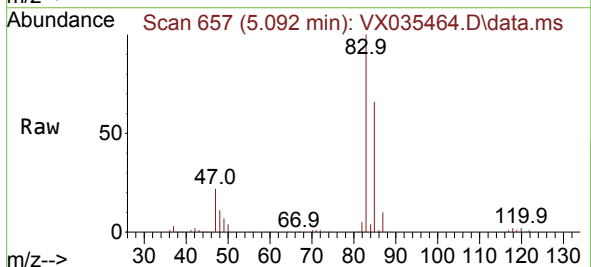
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

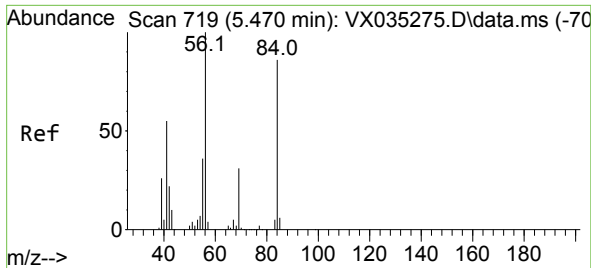
Tgt Ion: 42 Resp: 289659
Ion Ratio Lower Upper
42 100
72 46.8 34.5 51.7
71 43.5 32.1 48.1



#30
Chloroform
Concen: 51.547 ug/l
RT: 5.092 min Scan# 657
Delta R.T. 0.000 min
Lab File: VX035464.D
Acq: 02 May 2023 01:36

Tgt Ion: 83 Resp: 238763
Ion Ratio Lower Upper
83 100
85 65.7 50.6 76.0

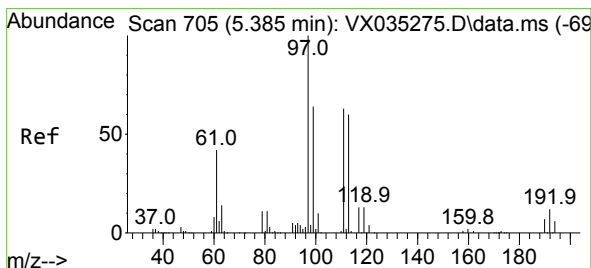
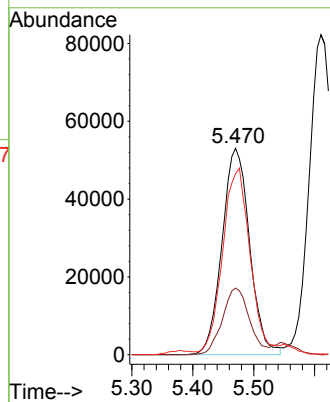
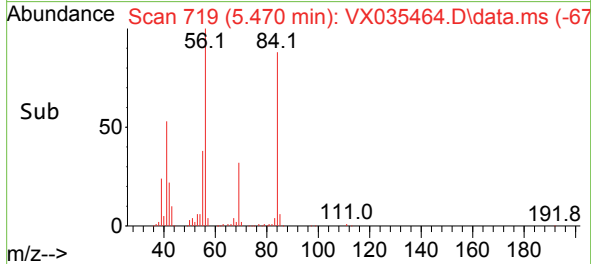
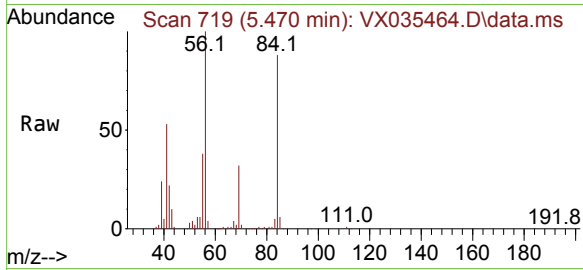




#31
Cyclohexane
Concen: 40.499 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX035464.D
Acq: 02 May 2023 01:36

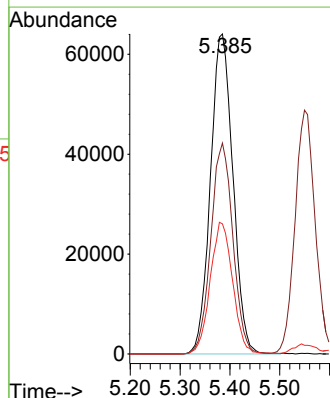
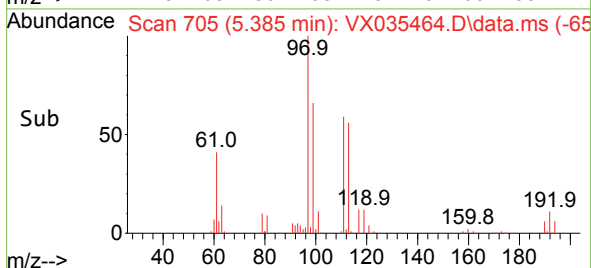
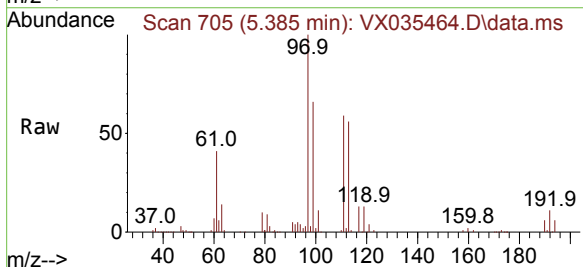
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

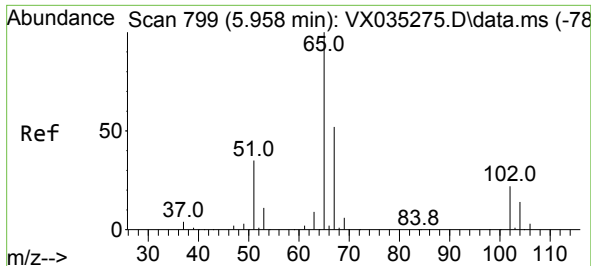
Tgt Ion: 56 Resp: 166922
Ion Ratio Lower Upper
56 100
69 32.2 23.7 35.5
84 85.5 68.5 102.7



#32
1,1,1-Trichloroethane
Concen: 49.324 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX035464.D
Acq: 02 May 2023 01:36

Tgt Ion: 97 Resp: 200222
Ion Ratio Lower Upper
97 100
99 64.9 51.1 76.7
61 41.2 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 44.522 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX035464.D

Acq: 02 May 2023 01:36

Instrument :

MSVOA_X

ClientSampleId :

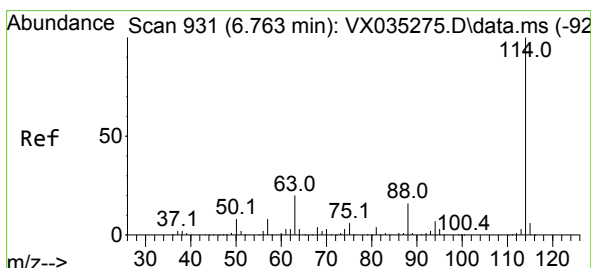
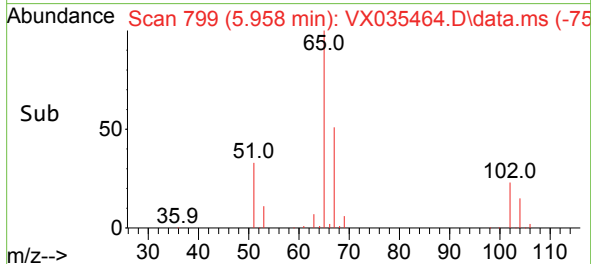
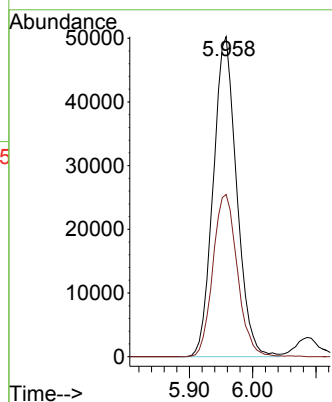
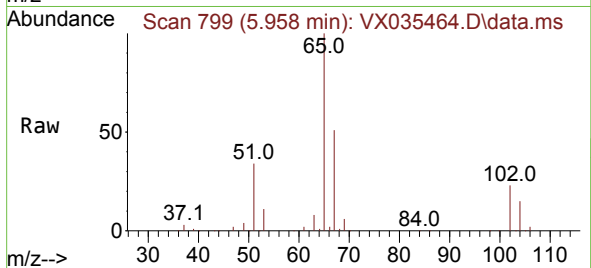
VSTDCCC050EC

Tgt Ion: 65 Resp: 129361

Ion Ratio Lower Upper

65 100

67 53.0 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX035464.D

Acq: 02 May 2023 01:36

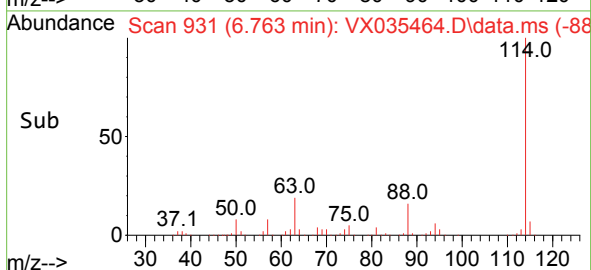
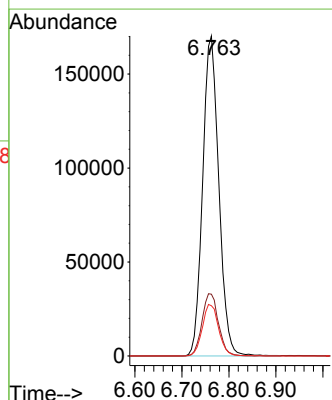
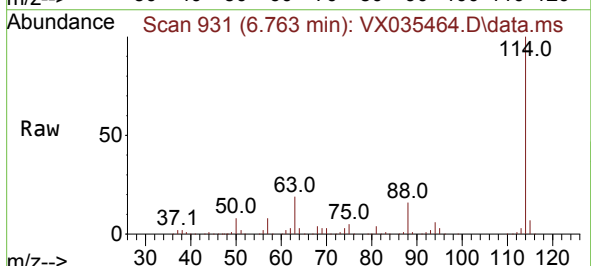
Tgt Ion: 114 Resp: 406550

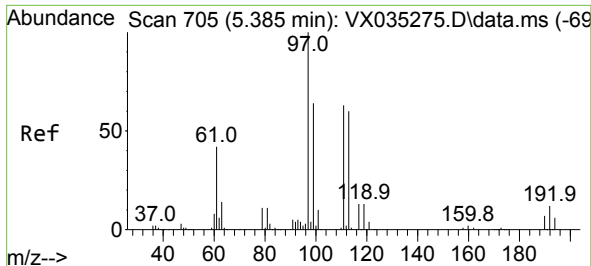
Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.2

88 15.7 0.0 33.2

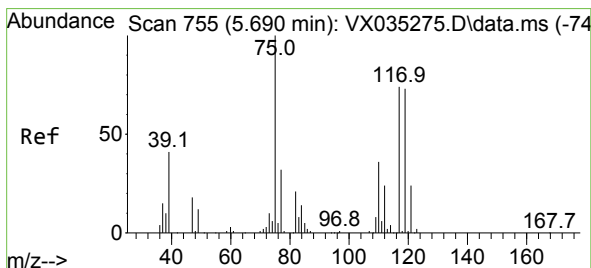
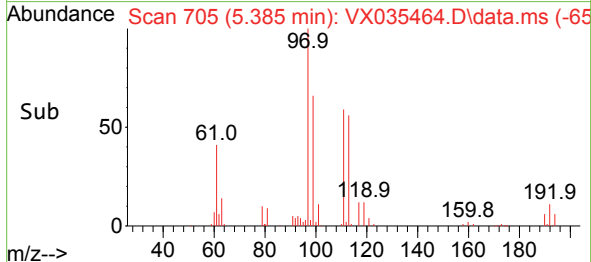
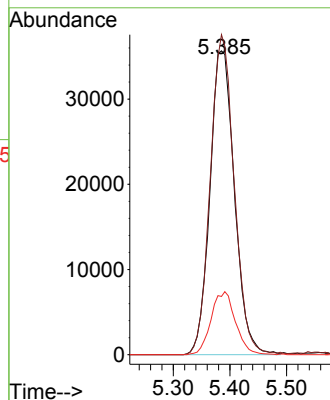
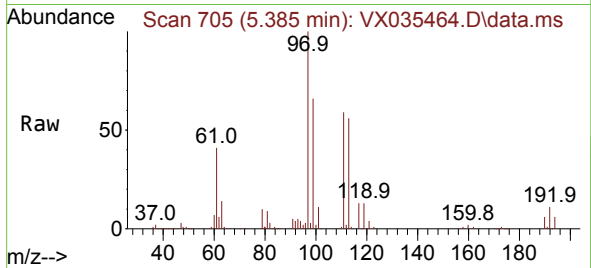




#35
Dibromofluoromethane
Concen: 43.057 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX035464.D
Acq: 02 May 2023 01:36

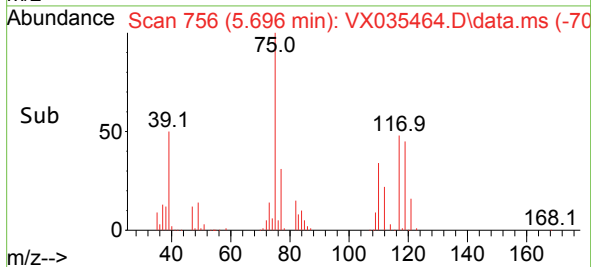
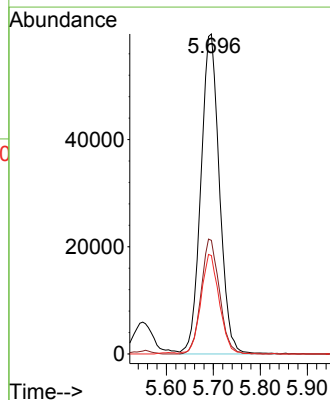
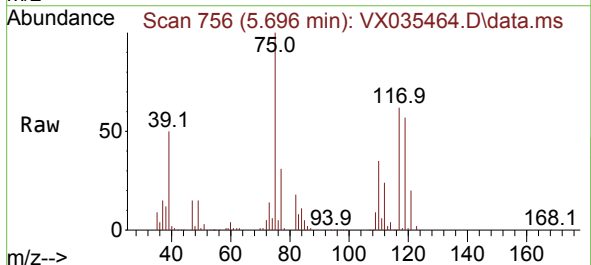
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

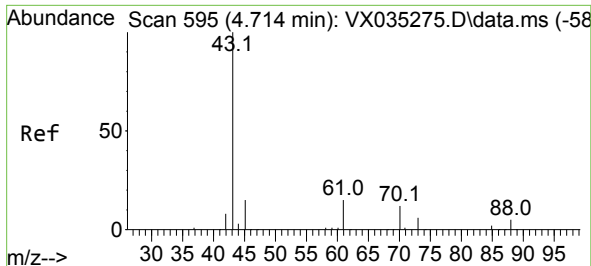
Tgt Ion:113 Resp: 107439
Ion Ratio Lower Upper
113 100
111 102.5 83.7 125.5
192 20.6 15.4 23.2



#36
1,1-Dichloropropene
Concen: 41.945 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX035464.D
Acq: 02 May 2023 01:36

Tgt Ion: 75 Resp: 163427
Ion Ratio Lower Upper
75 100
110 35.5 17.5 52.5
77 30.9 24.3 36.5





#37

Ethyl Acetate

Concen: 47.847 ug/l

RT: 4.714 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX035464.D

Acq: 02 May 2023 01:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

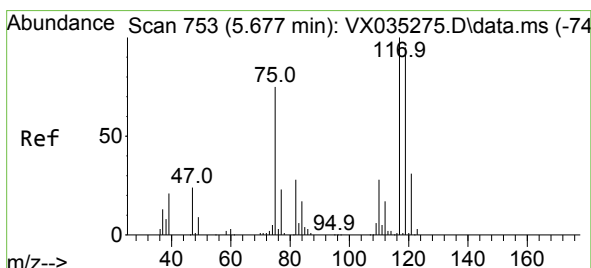
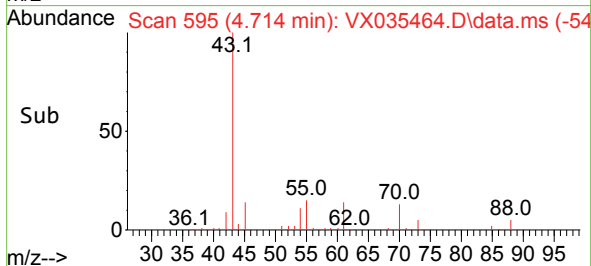
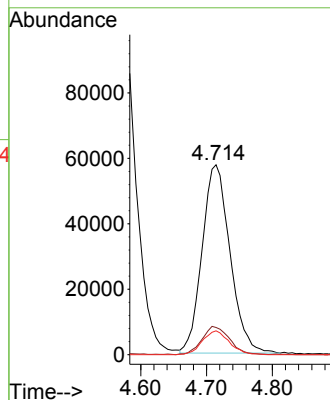
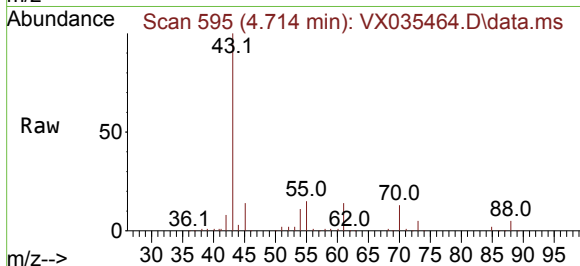
Tgt Ion: 43 Resp: 170270

Ion Ratio Lower Upper

43 100

61 14.8 10.2 15.4

70 12.2 8.2 12.4



#38

Carbon Tetrachloride

Concen: 44.777 ug/l

RT: 5.678 min Scan# 753

Delta R.T. 0.001 min

Lab File: VX035464.D

Acq: 02 May 2023 01:36

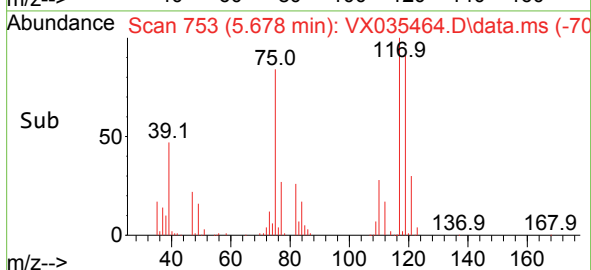
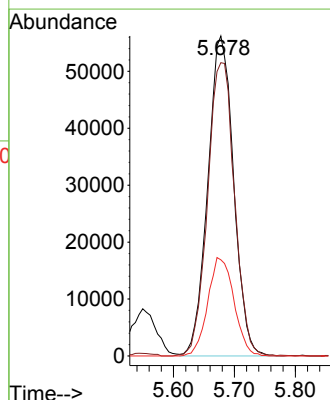
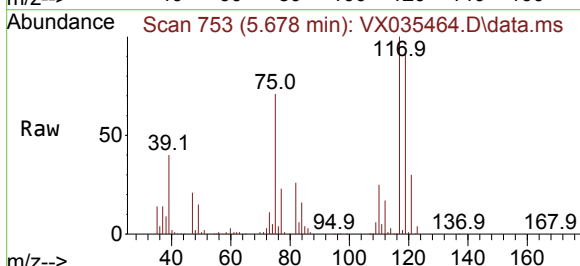
Tgt Ion: 117 Resp: 165619

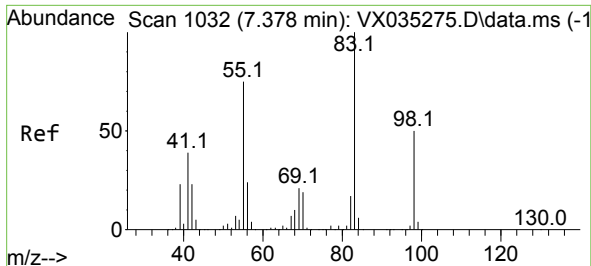
Ion Ratio Lower Upper

117 100

119 91.4 76.6 114.8

121 30.1 23.8 35.6

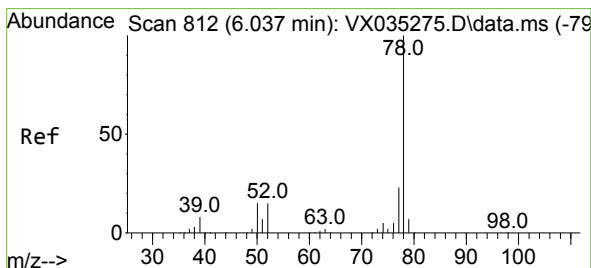
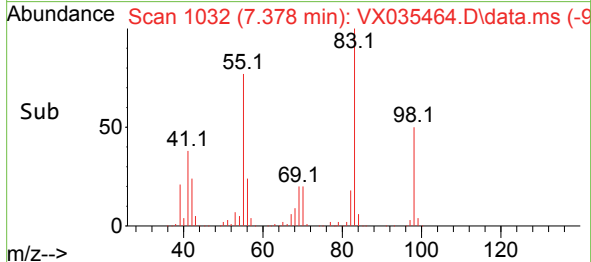
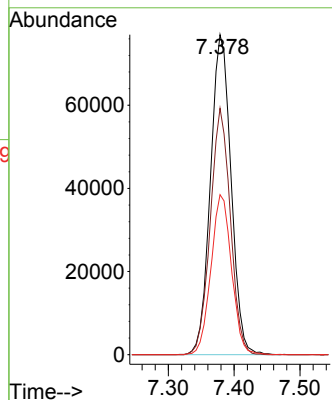
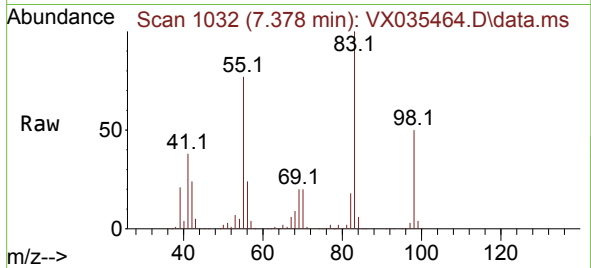




#39
Methylcyclohexane
Concen: 35.397 ug/l
RT: 7.378 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX035464.D
Acq: 02 May 2023 01:36

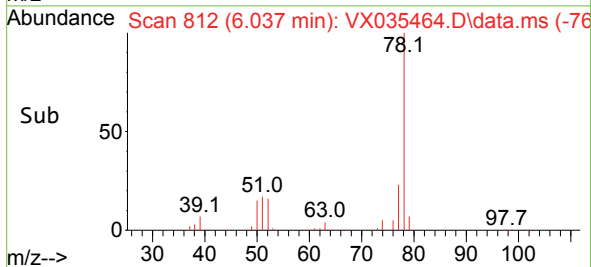
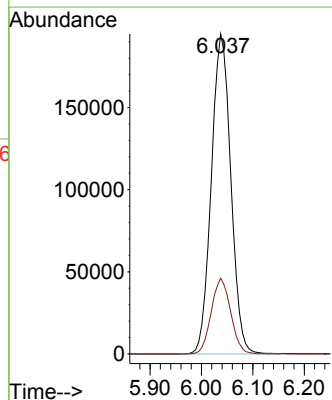
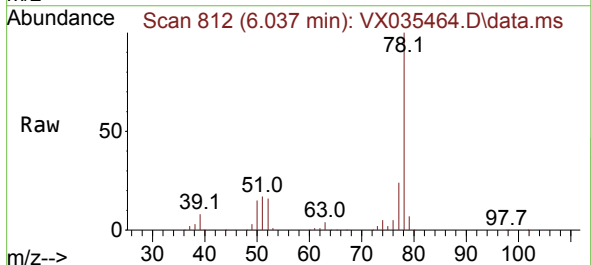
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

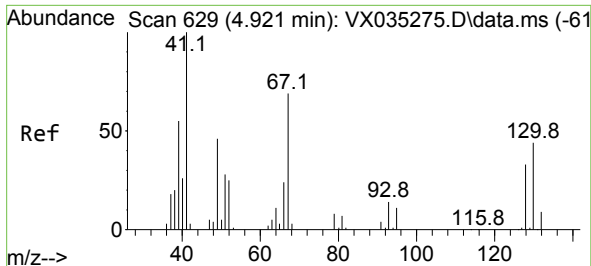
Tgt Ion: 83 Resp: 167877
Ion Ratio Lower Upper
83 100
55 77.0 60.5 90.7
98 50.0 40.4 60.6



#40
Benzene
Concen: 45.842 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX035464.D
Acq: 02 May 2023 01:36

Tgt Ion: 78 Resp: 512376
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.4

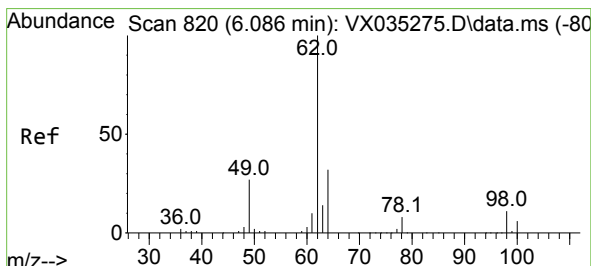
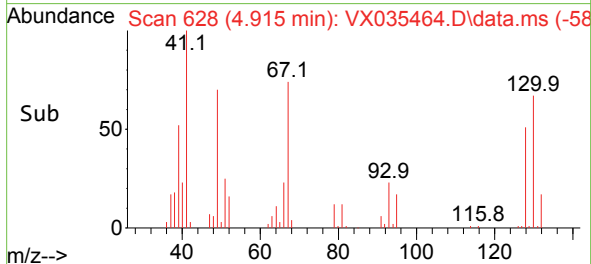
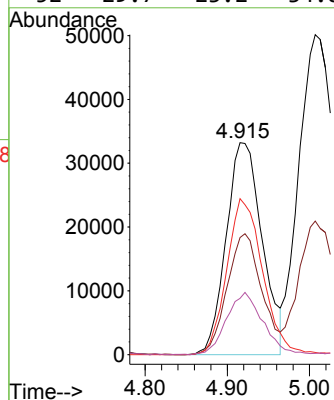
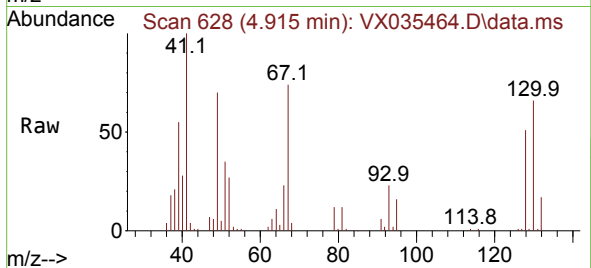




#41
Methacrylonitrile
Concen: 49.703 ug/l
RT: 4.915 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX035464.D
Acq: 02 May 2023 01:36

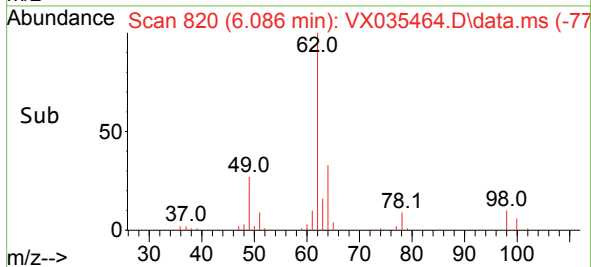
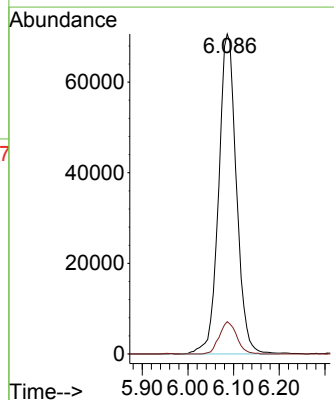
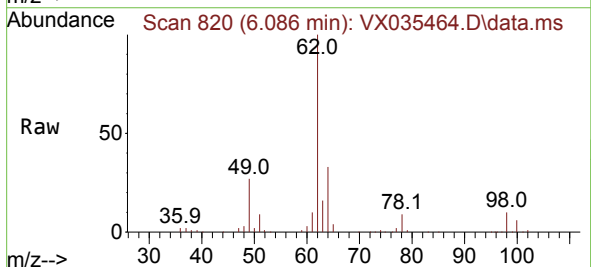
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

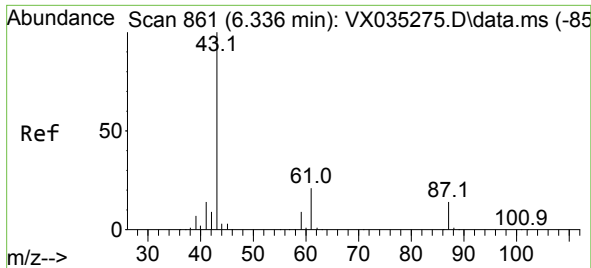
Tgt Ion: 41 Resp: 101347
Ion Ratio Lower Upper
41 100
39 54.9 45.0 67.6
67 73.6 55.6 83.4
52 29.7 23.2 34.8



#42
1,2-Dichloroethane
Concen: 47.930 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX035464.D
Acq: 02 May 2023 01:36

Tgt Ion: 62 Resp: 191010
Ion Ratio Lower Upper
62 100
98 9.9 0.0 18.0

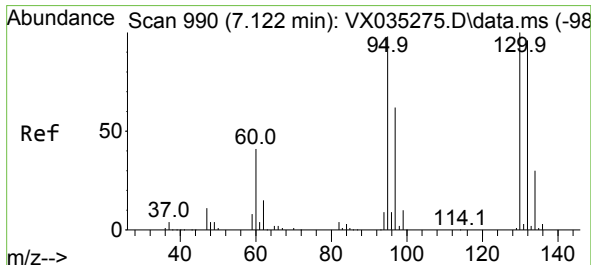
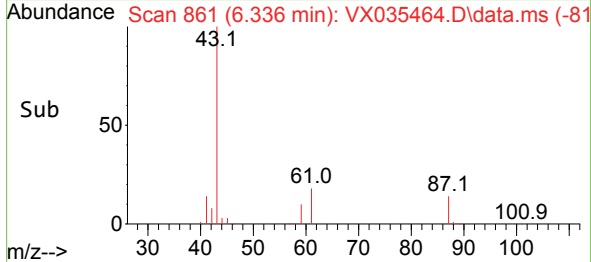
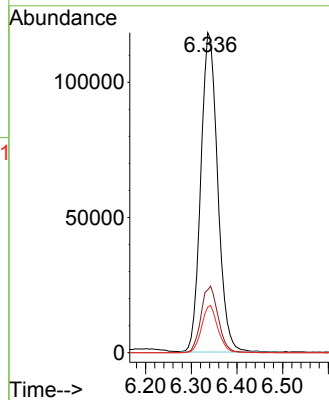
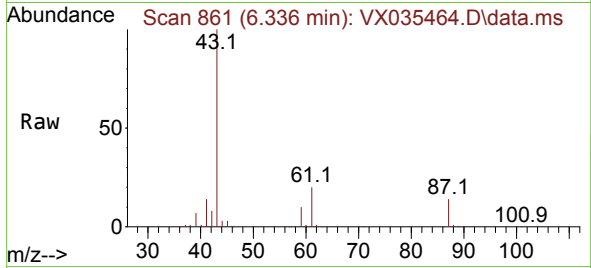




#43
Isopropyl Acetate
Concen: 50.601 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.000 min
Lab File: VX035464.D
Acq: 02 May 2023 01:36

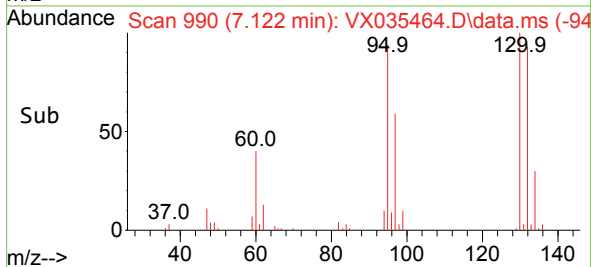
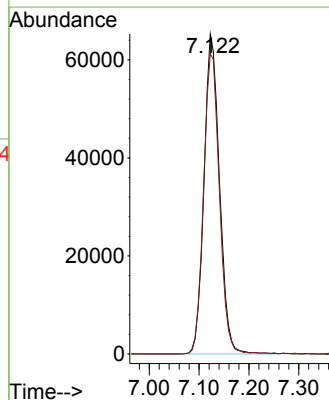
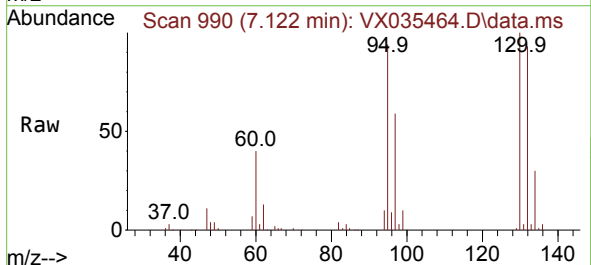
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

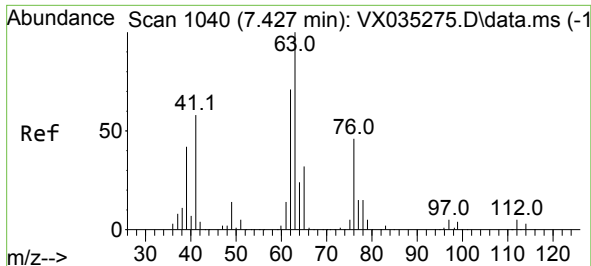
Tgt Ion: 43 Resp: 302569
Ion Ratio Lower Upper
43 100
61 21.2 15.2 22.8
87 14.3 9.8 14.8



#44
Trichloroethene
Concen: 45.690 ug/l
RT: 7.122 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX035464.D
Acq: 02 May 2023 01:36

Tgt Ion:130 Resp: 140683
Ion Ratio Lower Upper
130 100
95 93.8 0.0 198.4

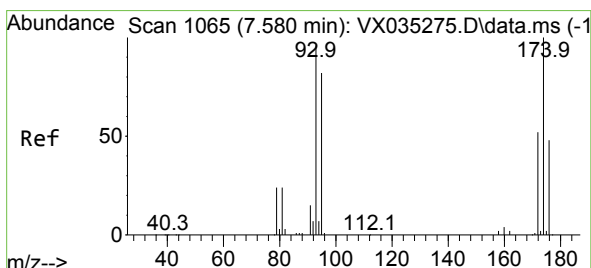
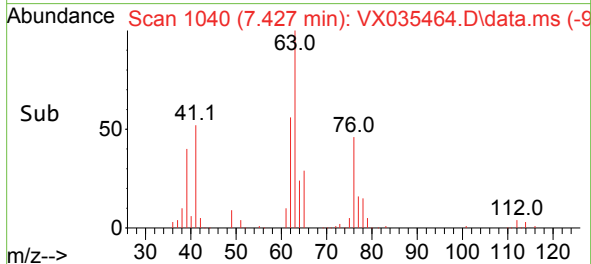
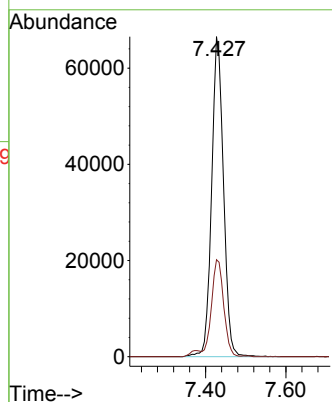
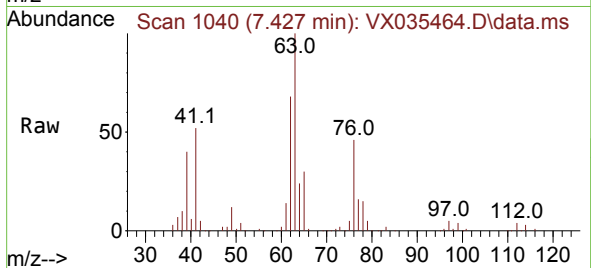




#45
1,2-Dichloropropane
Concen: 48.438 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX035464.D
Acq: 02 May 2023 01:36

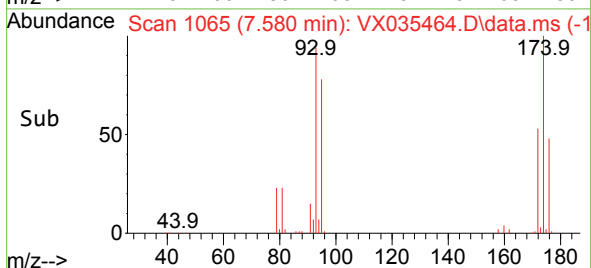
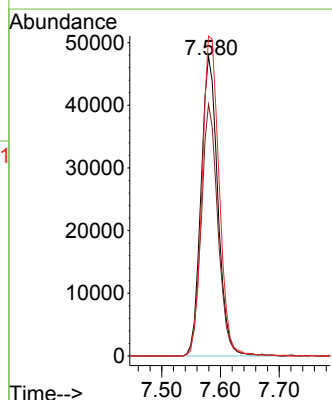
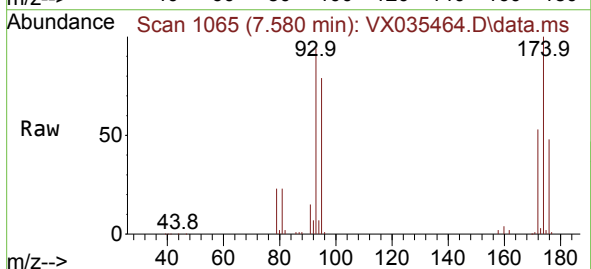
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

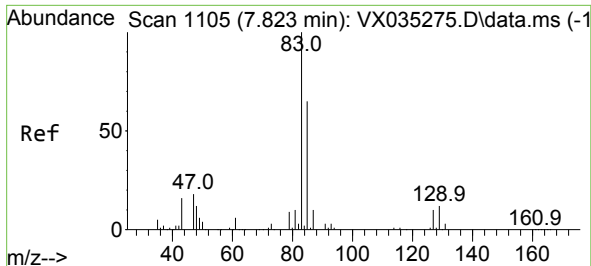
Tgt Ion: 63 Resp: 136490
Ion Ratio Lower Upper
63 100
65 30.3 24.6 37.0



#46
Dibromomethane
Concen: 49.276 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX035464.D
Acq: 02 May 2023 01:36

Tgt Ion: 93 Resp: 95352
Ion Ratio Lower Upper
93 100
95 83.1 66.9 100.3
174 107.9 75.4 113.0

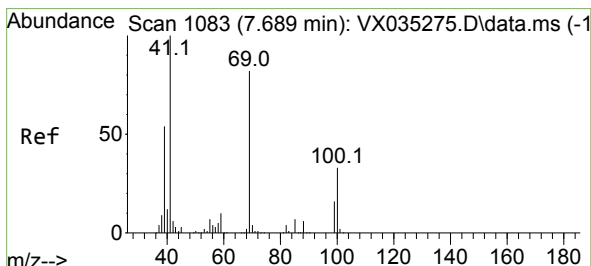
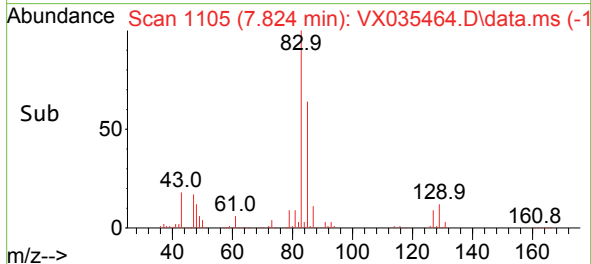
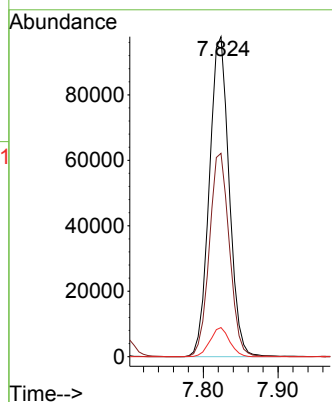
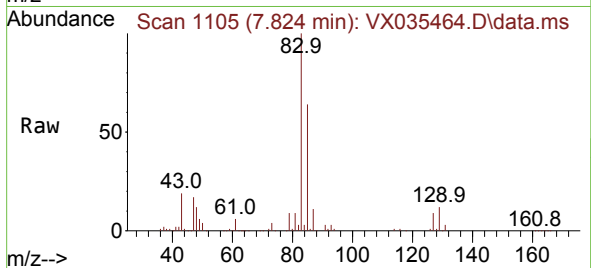




#47
Bromodichloromethane
Concen: 50.419 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX035464.D
Acq: 02 May 2023 01:36

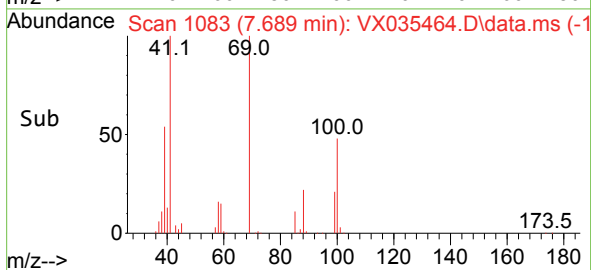
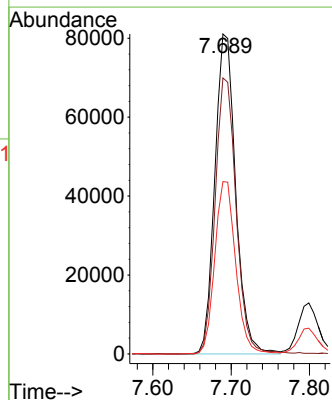
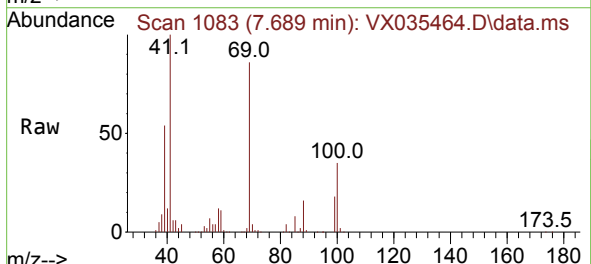
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

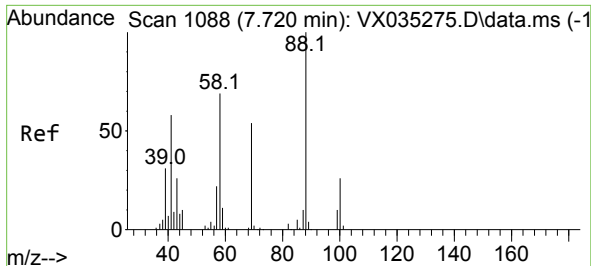
Tgt Ion: 83 Resp: 179756
Ion Ratio Lower Upper
83 100
85 63.6 52.2 78.4
127 9.1 6.6 9.8



#48
Methyl methacrylate
Concen: 51.223 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX035464.D
Acq: 02 May 2023 01:36

Tgt Ion: 41 Resp: 150245
Ion Ratio Lower Upper
41 100
69 86.8 62.2 93.4
39 54.2 47.7 71.5





#49

1,4-Dioxane

Concen: 926.276 ug/l

RT: 7.714 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VX035464.D

Acq: 02 May 2023 01:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

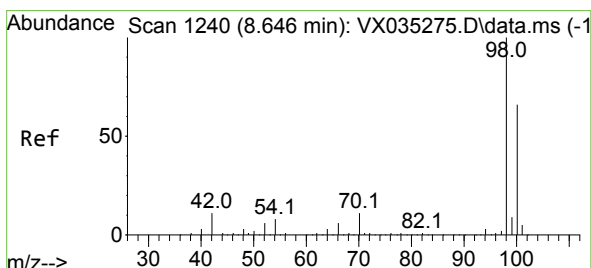
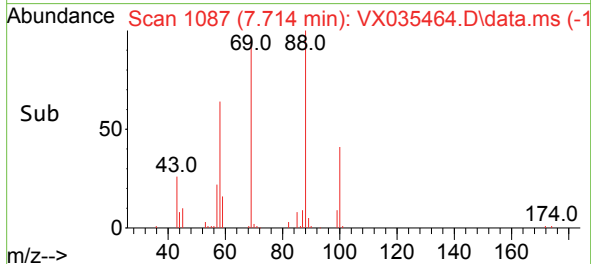
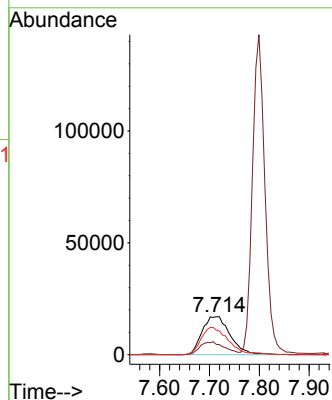
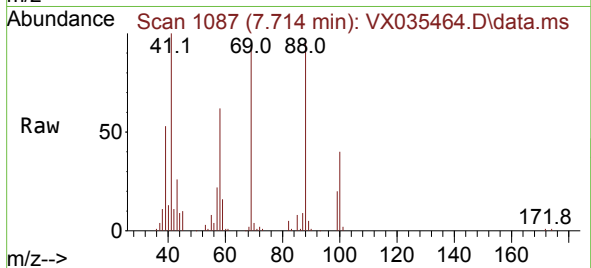
Tgt Ion: 88 Resp: 66225

Ion Ratio Lower Upper

88 100

43 30.5 27.7 41.5

58 67.6 56.8 85.2



#50

Toluene-d8

Concen: 40.981 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.001 min

Lab File: VX035464.D

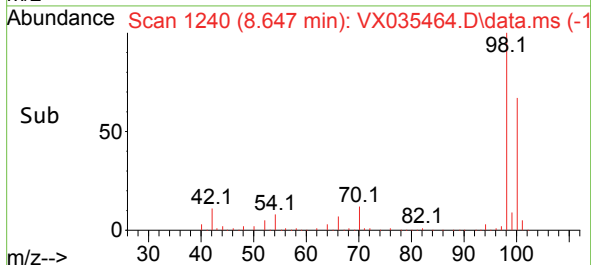
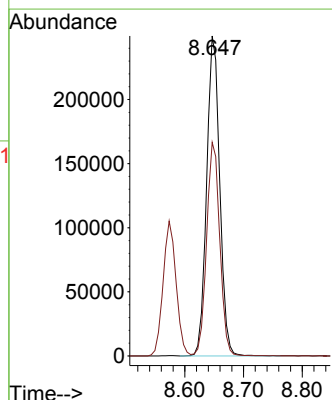
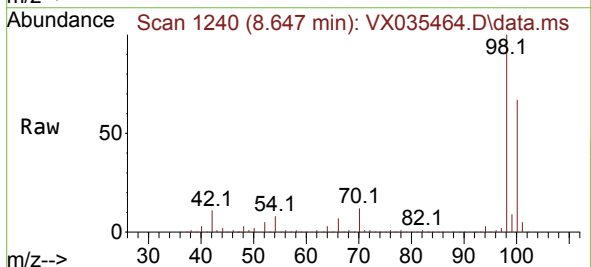
Acq: 02 May 2023 01:36

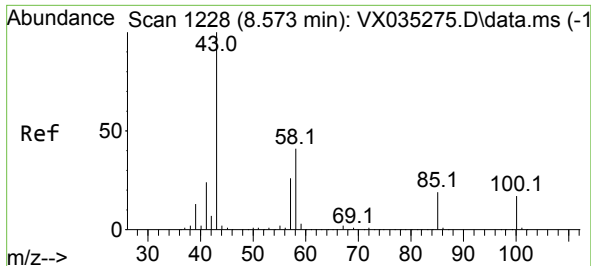
Tgt Ion: 98 Resp: 385758

Ion Ratio Lower Upper

98 100

100 67.0 52.5 78.7

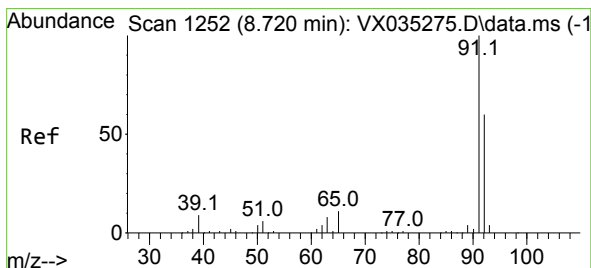
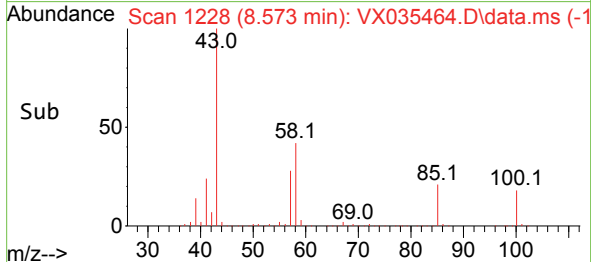
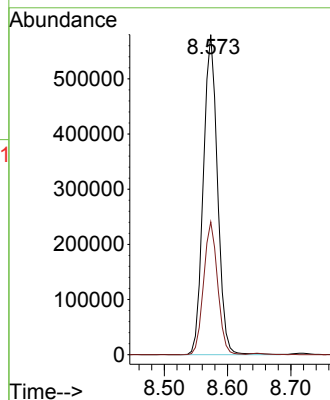
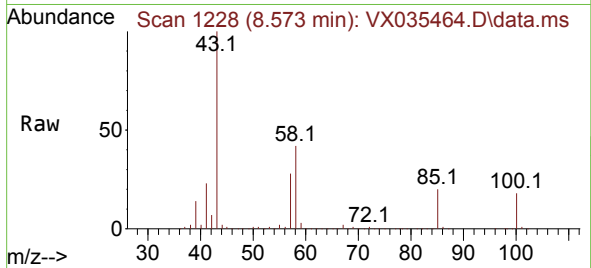




#51
4-Methyl-2-Pentanone
Concen: 246.461 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX035464.D
Acq: 02 May 2023 01:36

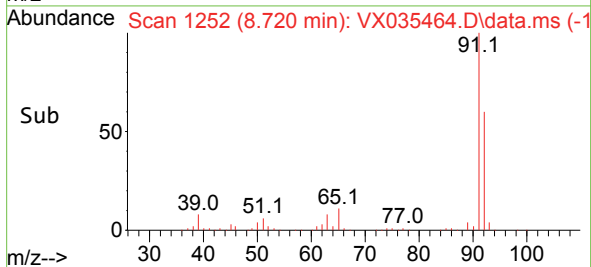
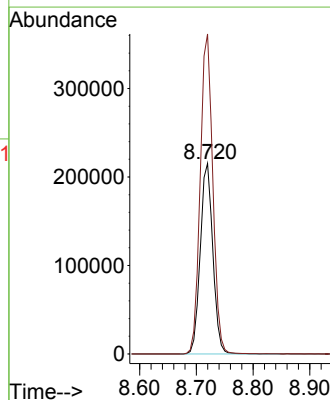
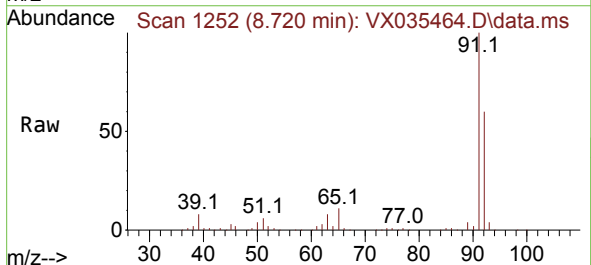
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

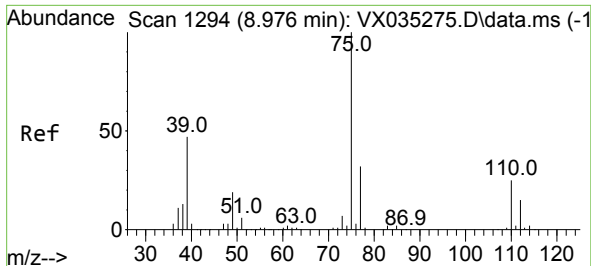
Tgt Ion: 43 Resp: 905405
Ion Ratio Lower Upper
43 100
58 41.0 30.6 46.0



#52
Toluene
Concen: 46.684 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX035464.D
Acq: 02 May 2023 01:36

Tgt Ion: 92 Resp: 330746
Ion Ratio Lower Upper
92 100
91 168.1 136.8 205.2

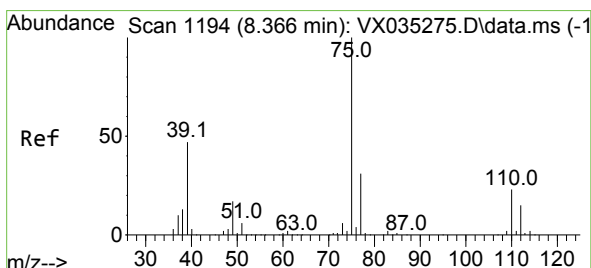
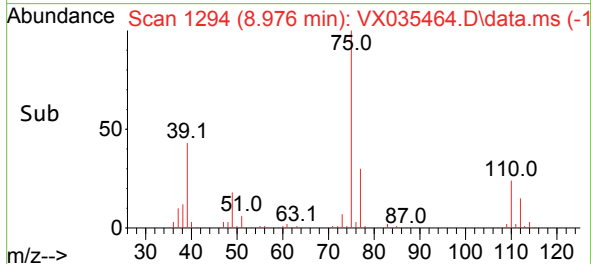
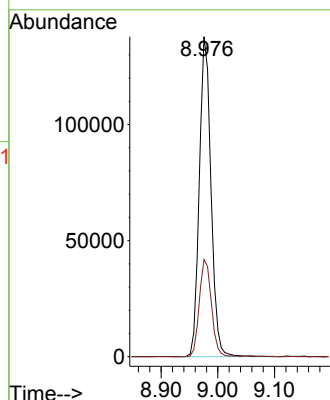
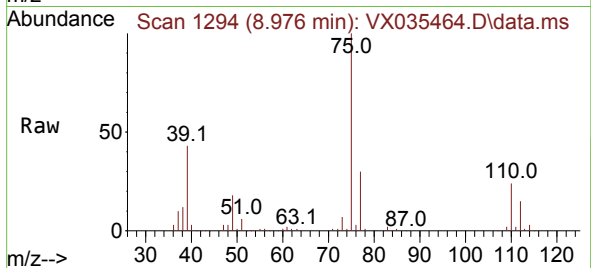




#53
 t-1,3-Dichloropropene
 Concen: 52.928 ug/l
 RT: 8.976 min Scan# 1194
 Delta R.T. -0.000 min
 Lab File: VX035464.D
 Acq: 02 May 2023 01:36

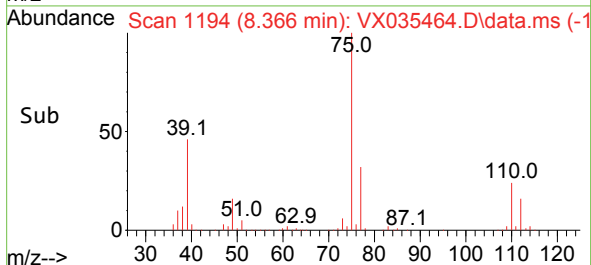
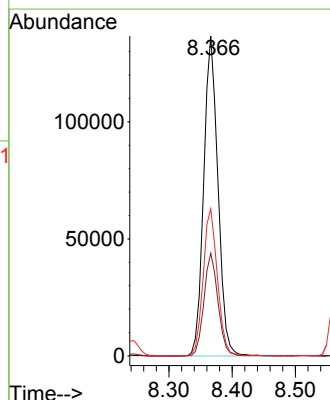
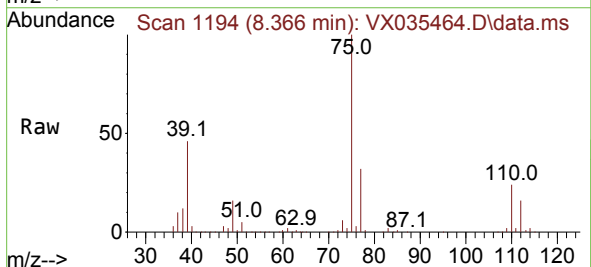
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

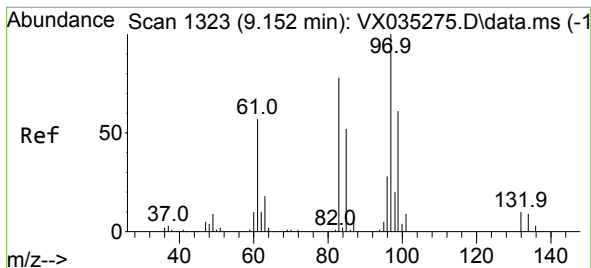
Tgt Ion: 75 Resp: 197068
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 50.896 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX035464.D
 Acq: 02 May 2023 01:36

Tgt Ion: 75 Resp: 214193
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.0 37.4
 39 46.0 44.6 66.8





#55

1,1,2-Trichloroethane

Concen: 48.993 ug/l

RT: 9.153 min Scan# 11

Delta R.T. 0.001 min

Lab File: VX035464.D

Acq: 02 May 2023 01:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 138372

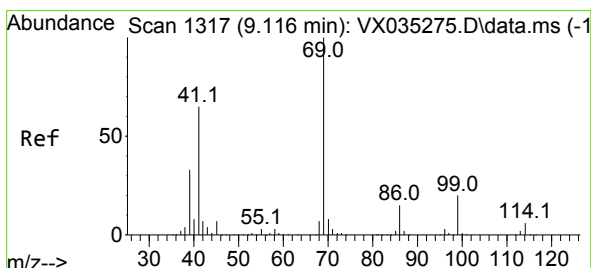
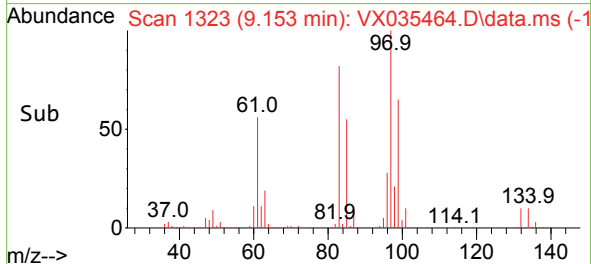
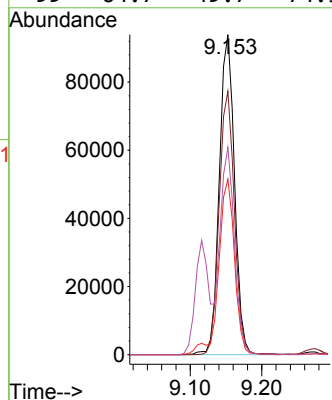
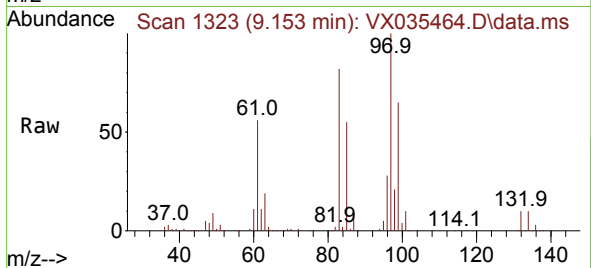
Ion Ratio Lower Upper

97 100

83 82.3 69.7 104.5

85 54.8 43.7 65.5

99 64.7 49.7 74.5



#56

Ethyl methacrylate

Concen: 51.779 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VX035464.D

Acq: 02 May 2023 01:36

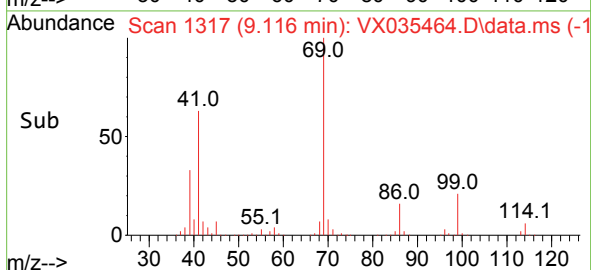
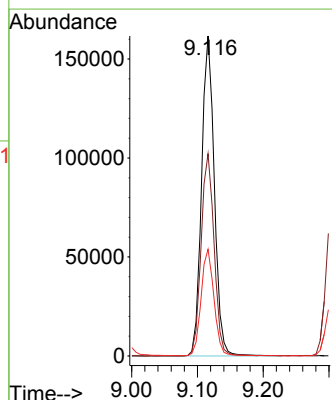
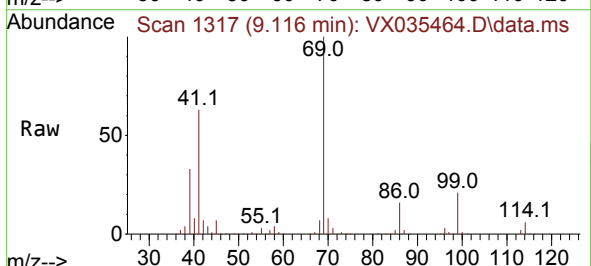
Tgt Ion: 69 Resp: 217853

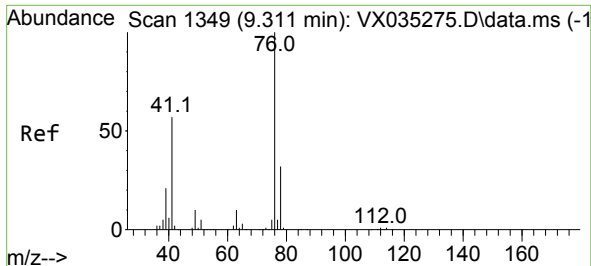
Ion Ratio Lower Upper

69 100

41 64.4 57.4 86.0

39 33.7 33.7 50.5





#57

1,3-Dichloropropane

Concen: 48.518 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX035464.D

Acq: 02 May 2023 01:36

Instrument :

MSVOA_X

ClientSampleId :

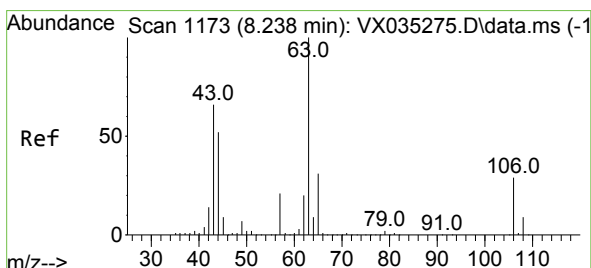
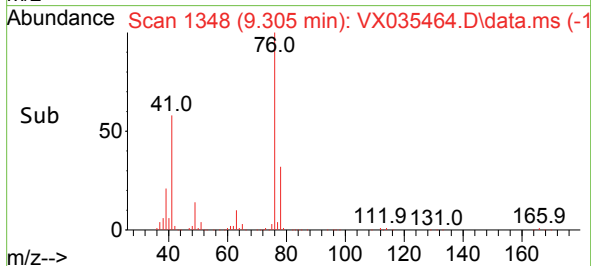
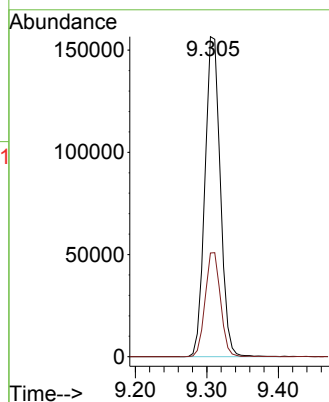
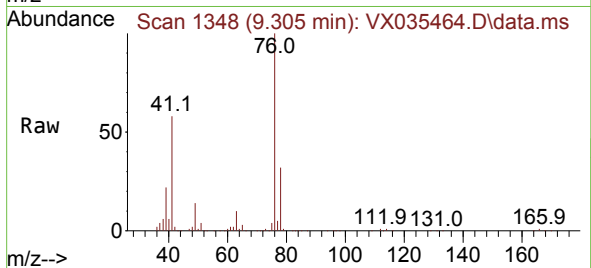
VSTDCCC050EC

Tgt Ion: 76 Resp: 234381

Ion Ratio Lower Upper

76 100

78 32.5 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 261.134 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX035464.D

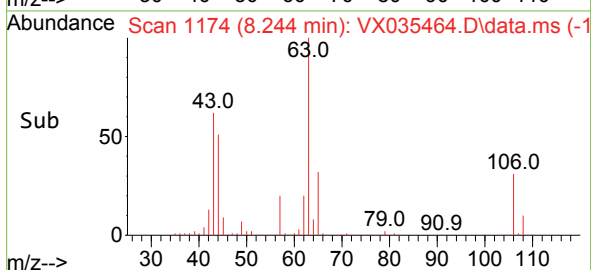
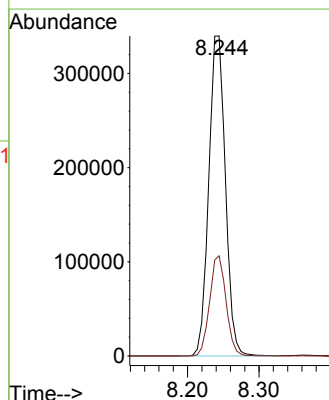
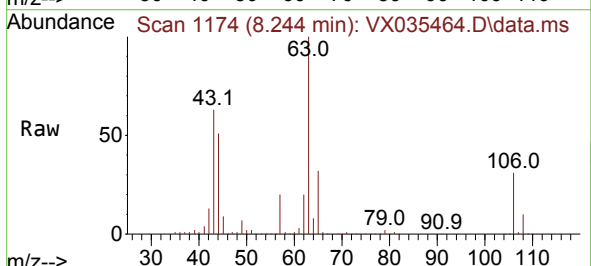
Acq: 02 May 2023 01:36

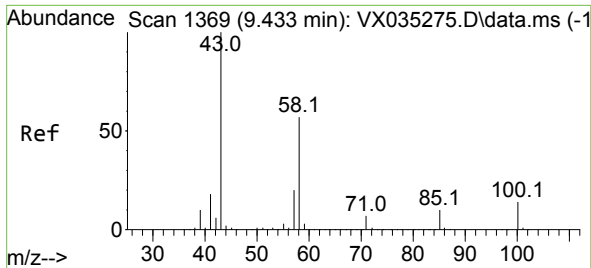
Tgt Ion: 63 Resp: 549357

Ion Ratio Lower Upper

63 100

106 30.8 22.2 33.2

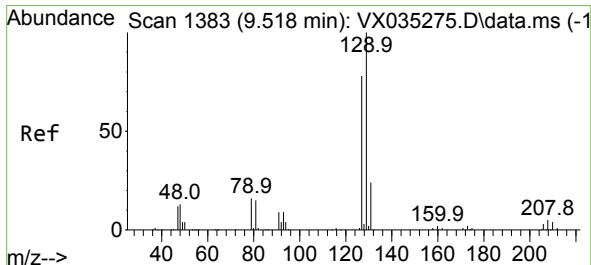
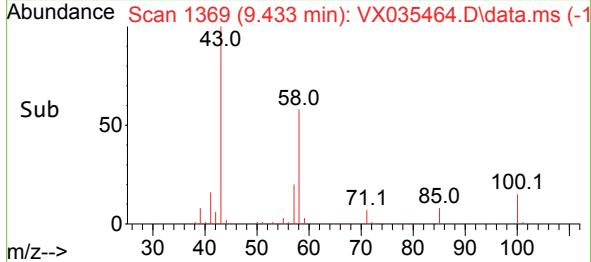
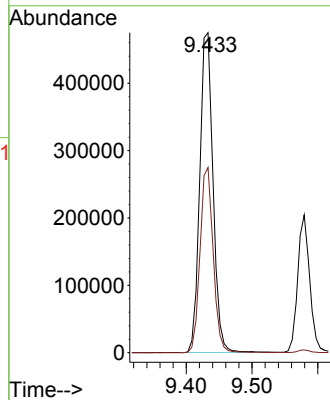
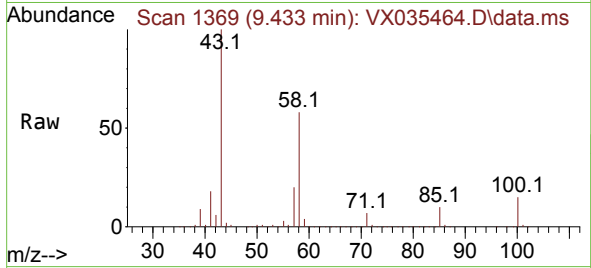




#59
2-Hexanone
Concen: 242.100 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX035464.D
Acq: 02 May 2023 01:36

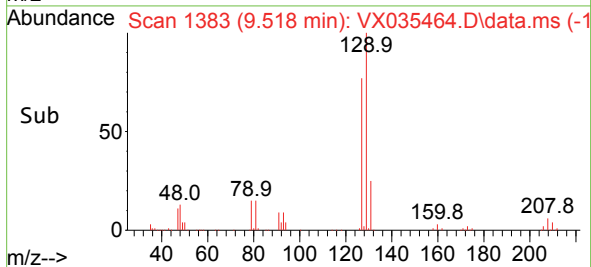
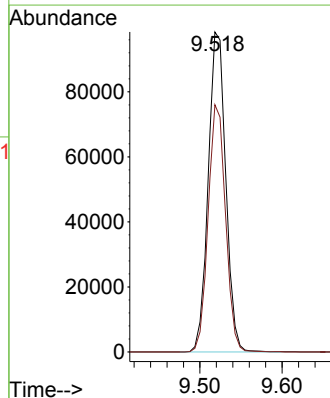
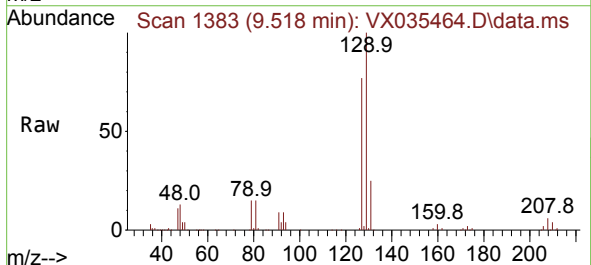
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

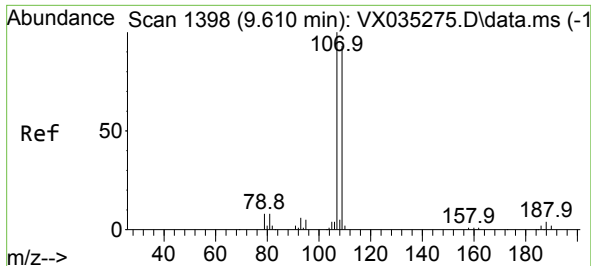
Tgt Ion: 43 Resp: 668148
Ion Ratio Lower Upper
43 100
58 57.4 26.3 78.9



#60
Dibromochloromethane
Concen: 53.756 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX035464.D
Acq: 02 May 2023 01:36

Tgt Ion: 129 Resp: 145467
Ion Ratio Lower Upper
129 100
127 76.7 39.0 117.0

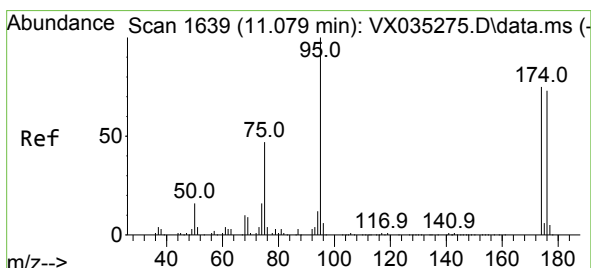
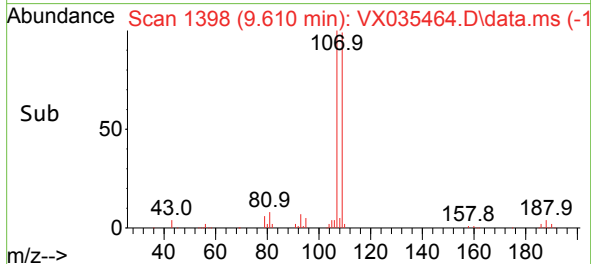
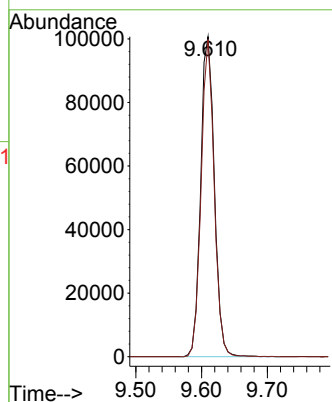
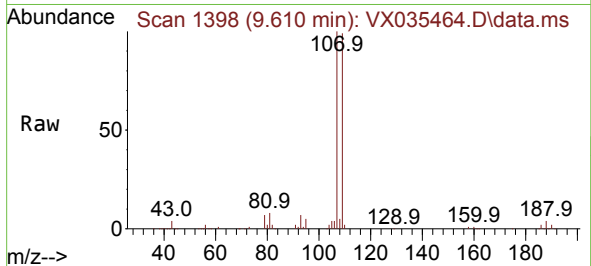




#61
1,2-Dibromoethane
Concen: 49.933 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX035464.D
Acq: 02 May 2023 01:36

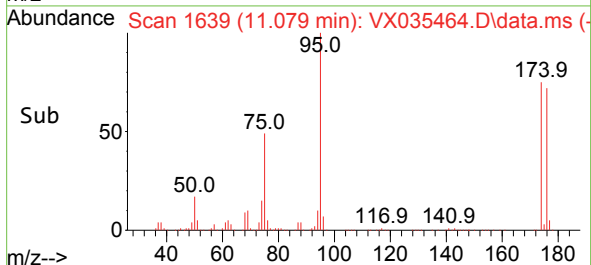
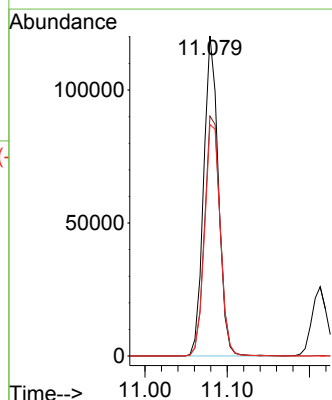
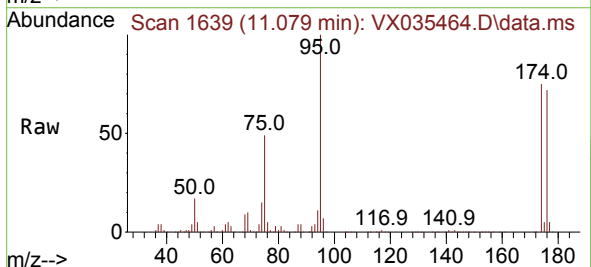
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

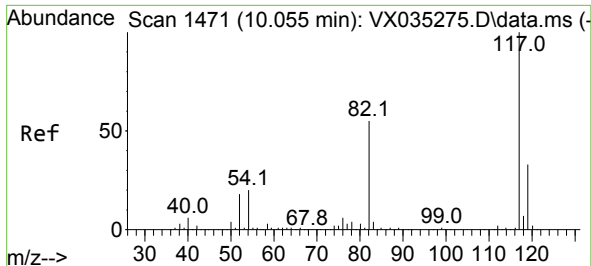
Tgt Ion:107 Resp: 145386
Ion Ratio Lower Upper
107 100
109 94.8 75.3 112.9



#62
4-Bromofluorobenzene
Concen: 42.145 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035464.D
Acq: 02 May 2023 01:36

Tgt Ion: 95 Resp: 149237
Ion Ratio Lower Upper
95 100
174 79.5 0.0 147.4
176 77.0 0.0 140.6

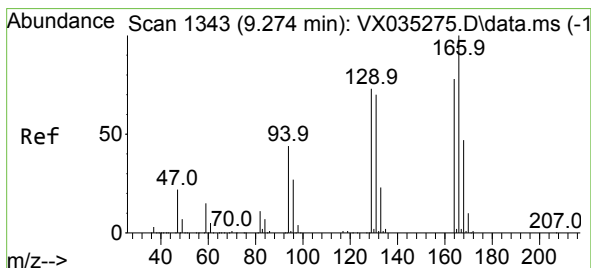
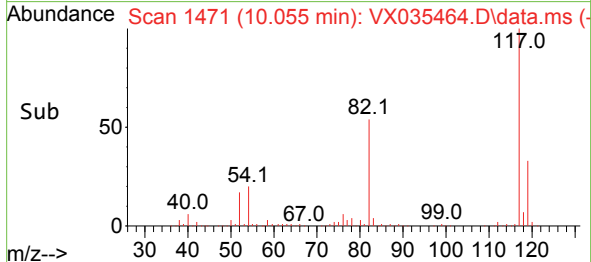
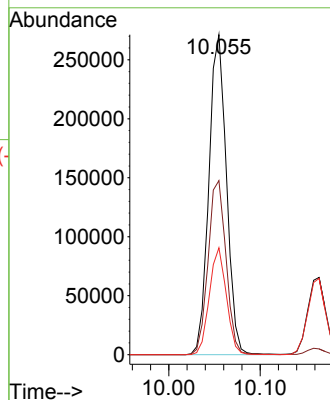
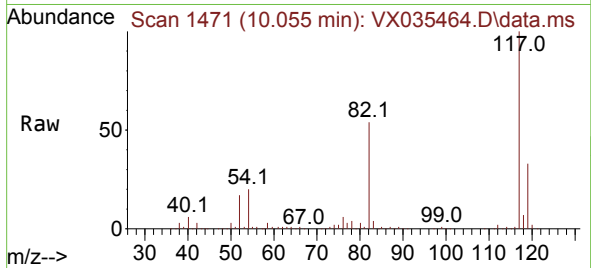




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035464.D
Acq: 02 May 2023 01:36

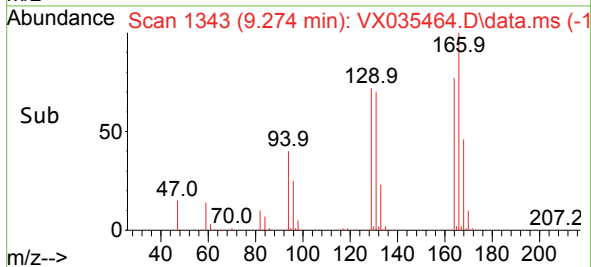
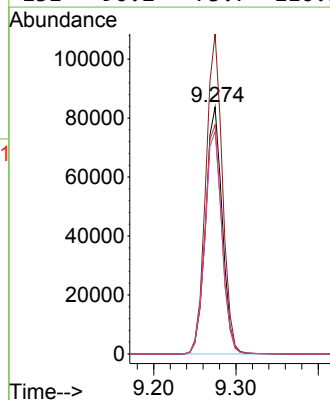
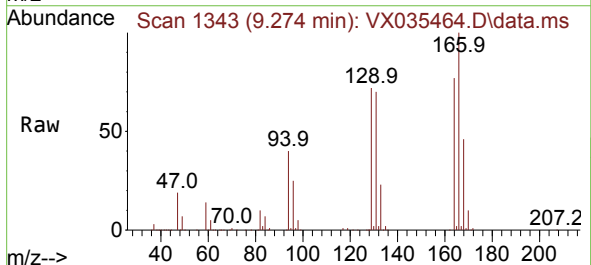
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

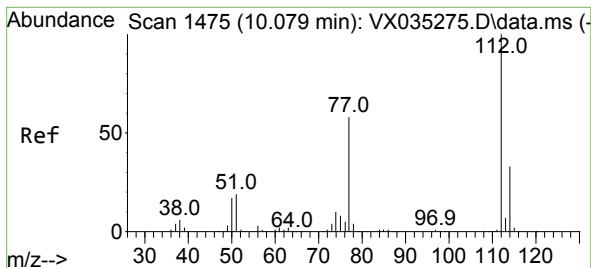
Tgt Ion:117 Resp: 361621
Ion Ratio Lower Upper
117 100
82 54.4 45.0 67.4
119 33.4 26.0 39.0



#64
Tetrachloroethene
Concen: 42.311 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX035464.D
Acq: 02 May 2023 01:36

Tgt Ion:164 Resp: 117153
Ion Ratio Lower Upper
164 100
166 129.7 102.7 154.1
129 92.8 75.6 113.4
131 90.2 73.7 110.5

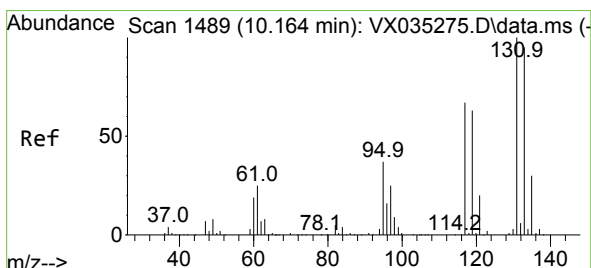
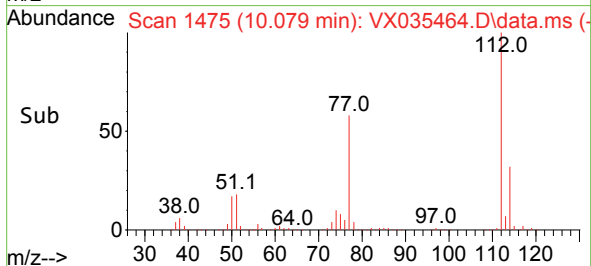
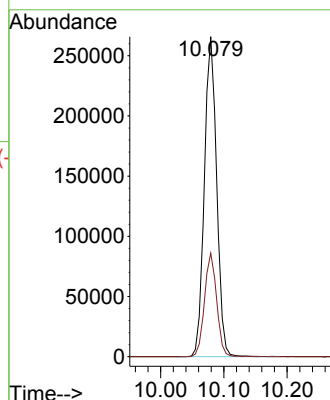
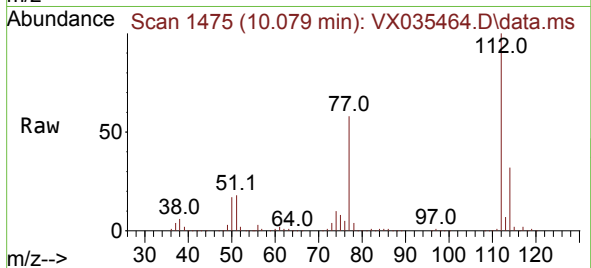




#65
Chlorobenzene
Concen: 46.081 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035464.D
Acq: 02 May 2023 01:36

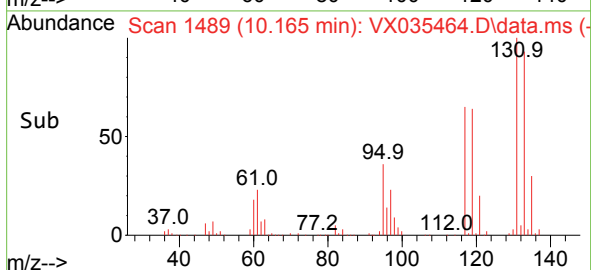
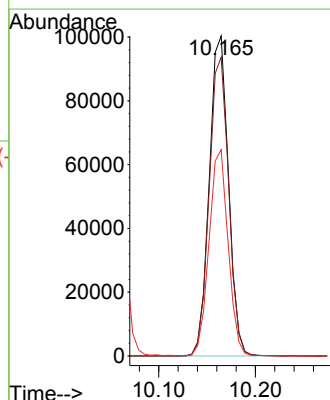
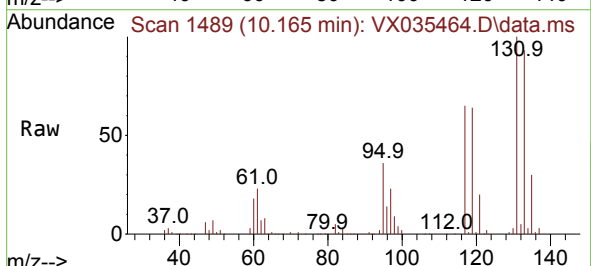
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

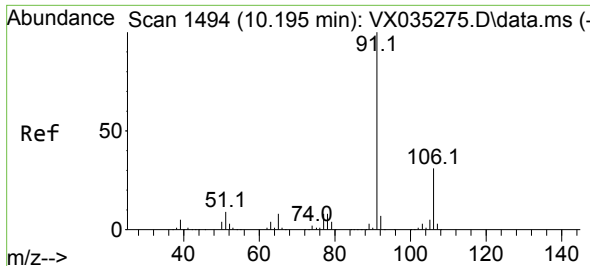
Tgt Ion:112 Resp: 360528
Ion Ratio Lower Upper
112 100
114 32.3 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 50.676 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.001 min
Lab File: VX035464.D
Acq: 02 May 2023 01:36

Tgt Ion:131 Resp: 137984
Ion Ratio Lower Upper
131 100
133 94.8 47.1 141.4
119 64.4 32.6 98.0





#67

Ethyl Benzene

Concen: 46.037 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX035464.D

Acq: 02 May 2023 01:36

Instrument :

MSVOA_X

ClientSampleId :

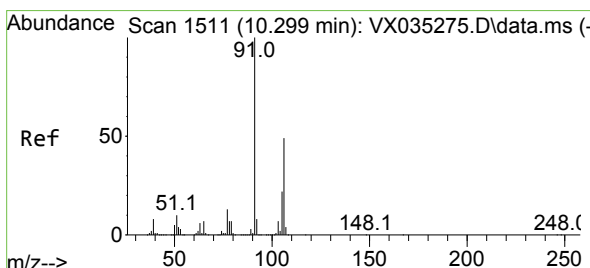
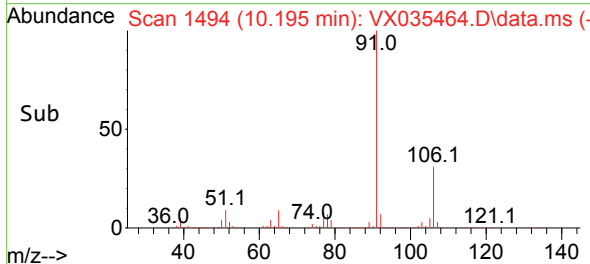
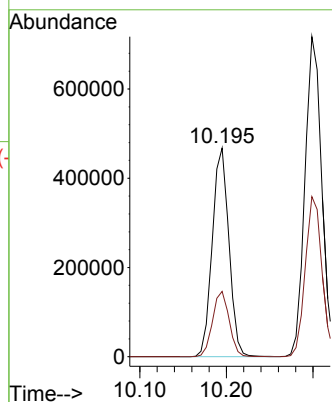
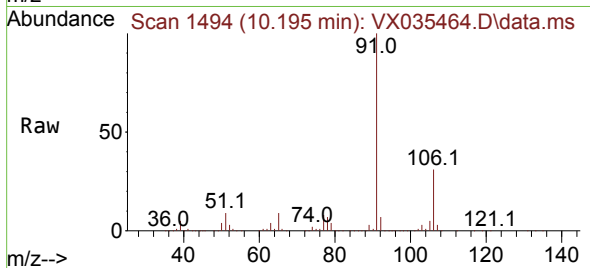
VSTDCCC050EC

Tgt Ion: 91 Resp: 623753

Ion Ratio Lower Upper

91 100

106 31.3 25.6 38.4



#68

m/p-Xylenes

Concen: 92.883 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX035464.D

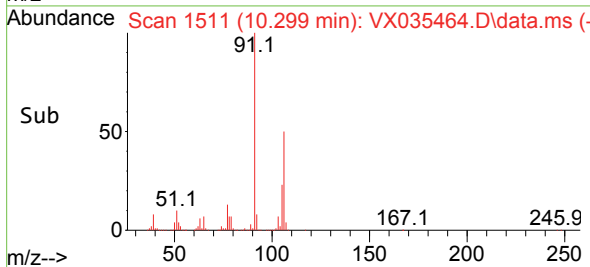
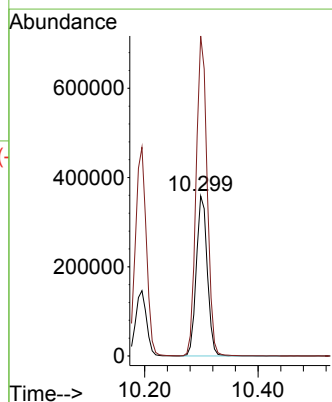
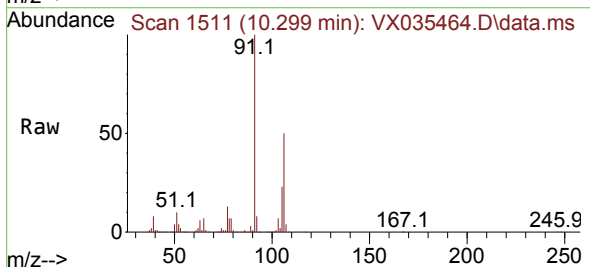
Acq: 02 May 2023 01:36

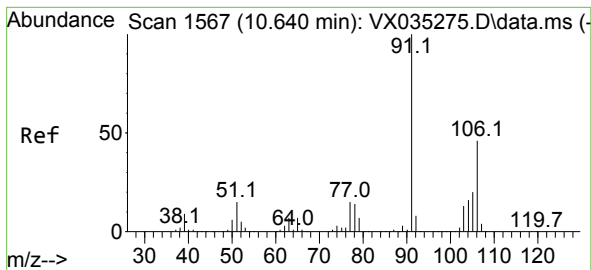
Tgt Ion: 106 Resp: 482225

Ion Ratio Lower Upper

106 100

91 200.5 164.0 246.0

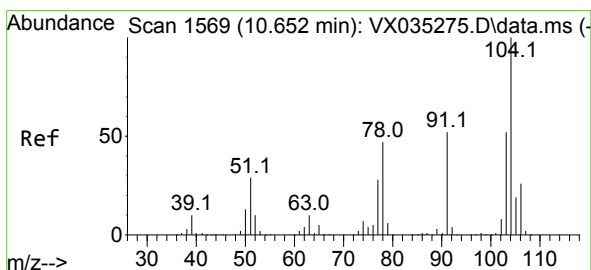
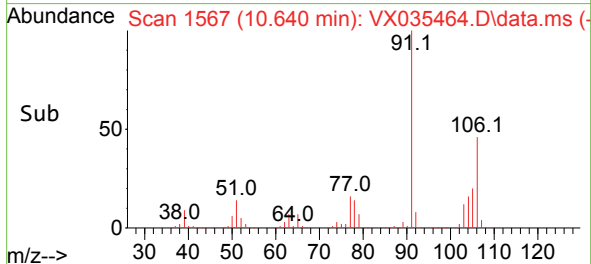
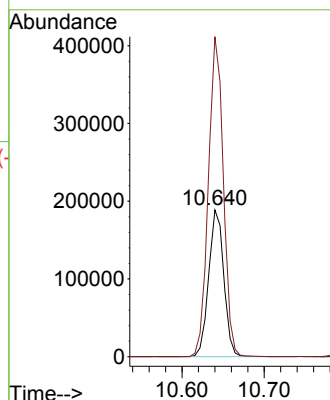
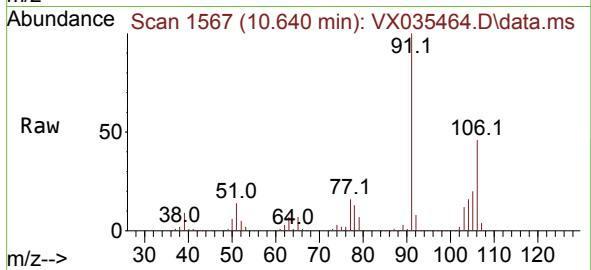




#69
o-Xylene
Concen: 47.258 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX035464.D
Acq: 02 May 2023 01:36

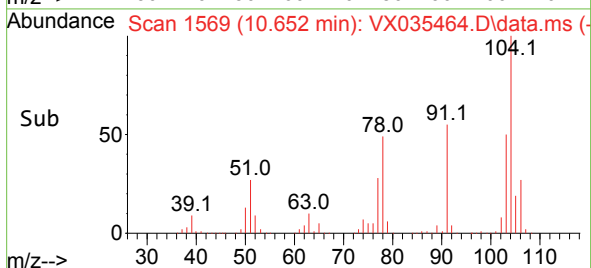
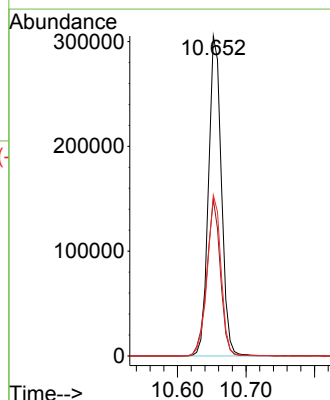
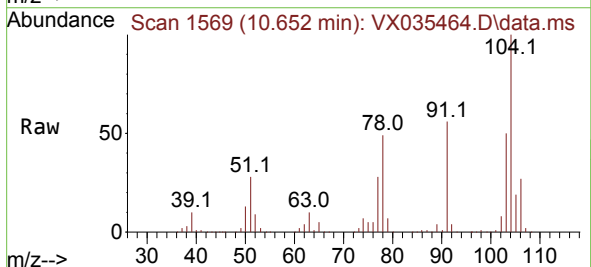
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

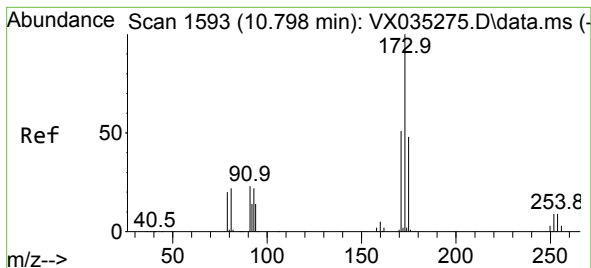
Tgt Ion:106 Resp: 240591
Ion Ratio Lower Upper
106 100
91 216.8 108.5 325.3



#70
Styrene
Concen: 48.653 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX035464.D
Acq: 02 May 2023 01:36

Tgt Ion:104 Resp: 401606
Ion Ratio Lower Upper
104 100
78 51.4 43.4 65.2
103 53.6 44.2 66.2





#71

Bromoform

Concen: 55.087 ug/l

RT: 10.799 min Scan# 1

Delta R.T. 0.001 min

Lab File: VX035464.D

Acq: 02 May 2023 01:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

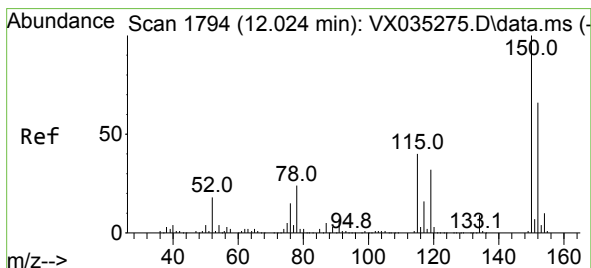
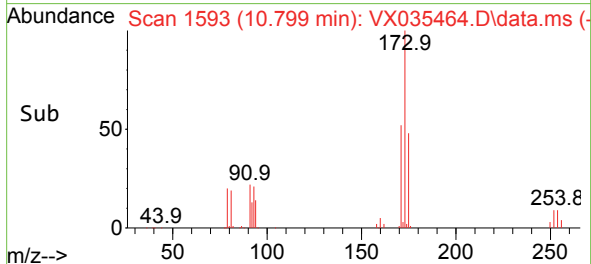
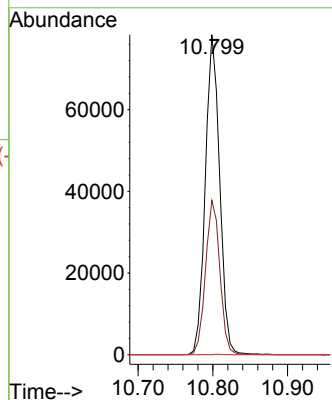
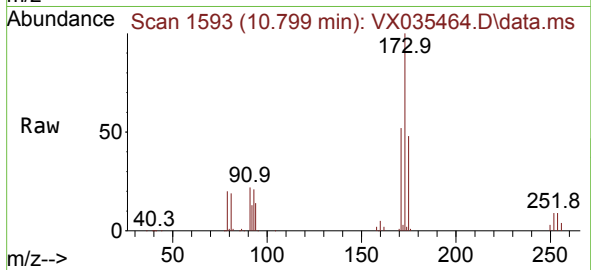
Tgt Ion:173 Resp: 104331

Ion Ratio Lower Upper

173 100

175 48.2 24.1 72.4

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX035464.D

Acq: 02 May 2023 01:36

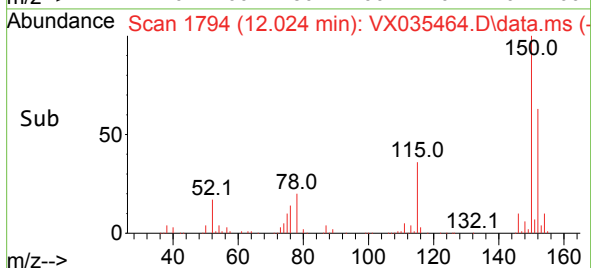
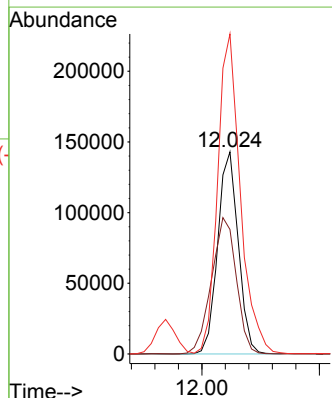
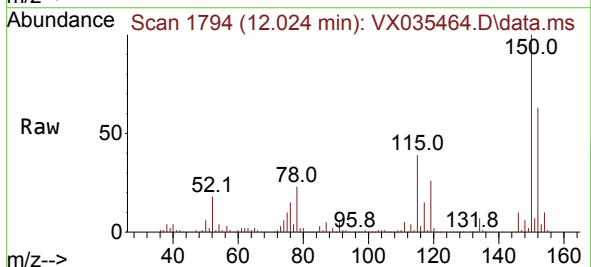
Tgt Ion:152 Resp: 173981

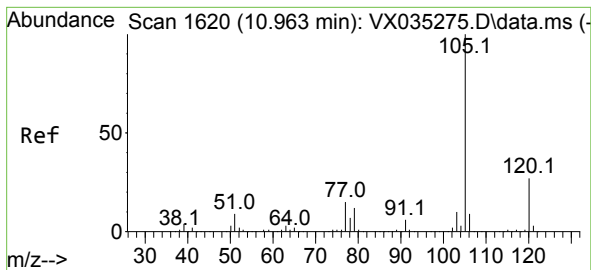
Ion Ratio Lower Upper

152 100

115 81.6 45.0 135.0

150 174.7 0.0 352.4





#73

Isopropylbenzene

Concen: 47.274 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX035464.D

Acq: 02 May 2023 01:36

Instrument :

MSVOA_X

ClientSampleId :

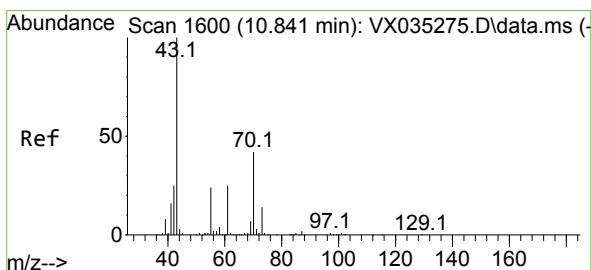
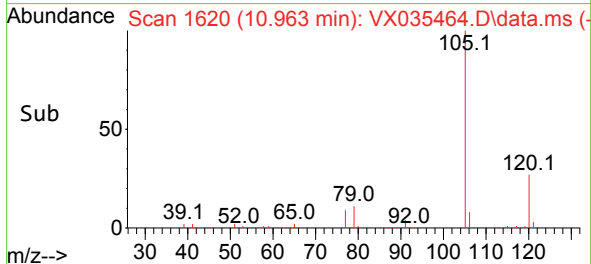
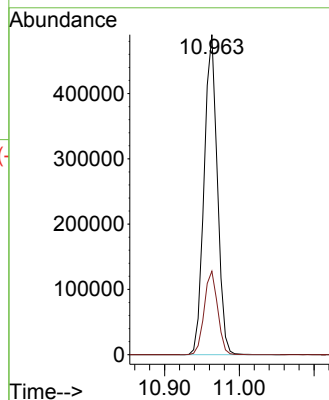
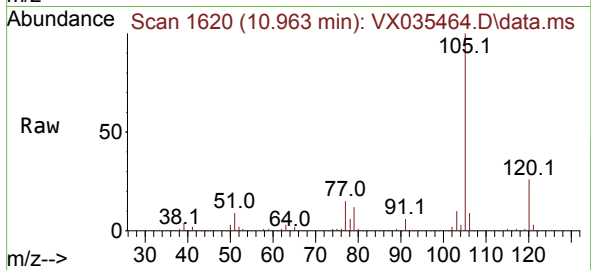
VSTDCCC050EC

Tgt Ion:105 Resp: 601221

Ion Ratio Lower Upper

105 100

120 26.5 13.3 39.9



#74

N-ethyl acetate

Concen: 53.683 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX035464.D

Acq: 02 May 2023 01:36

Tgt Ion: 43 Resp: 256573

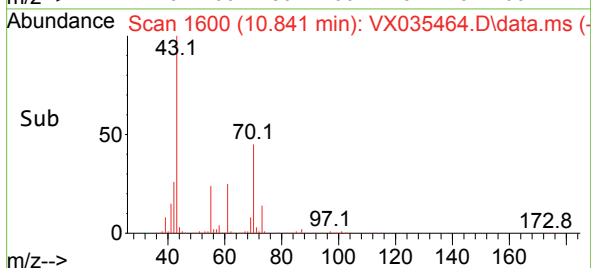
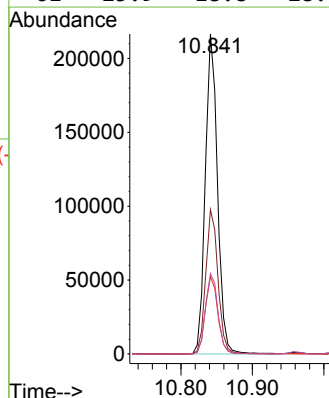
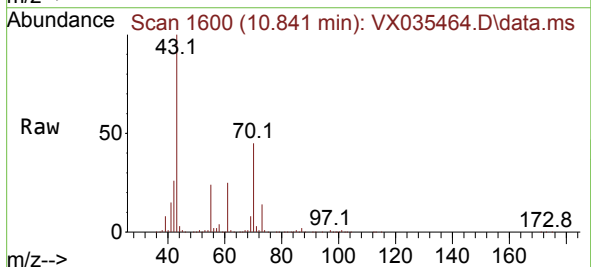
Ion Ratio Lower Upper

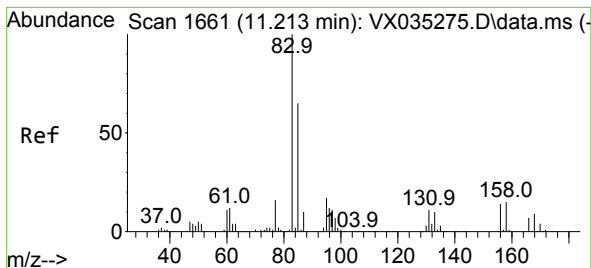
43 100

70 45.5 32.1 48.1

55 24.9 18.3 27.5

61 25.9 18.8 28.2

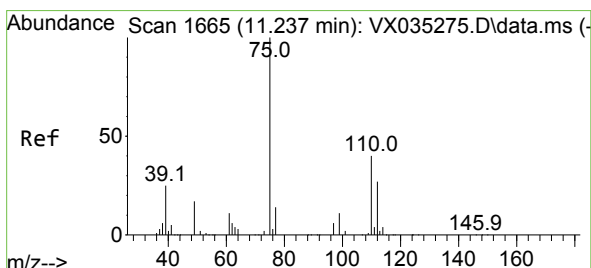
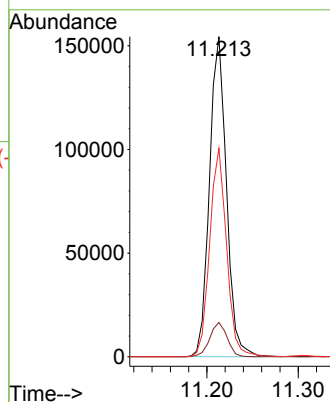
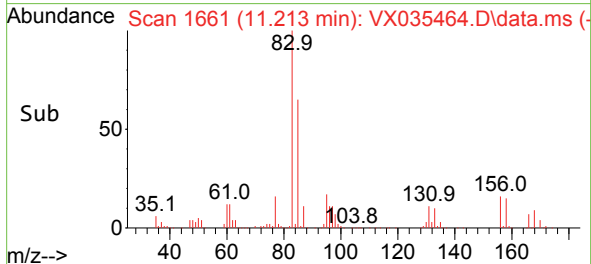
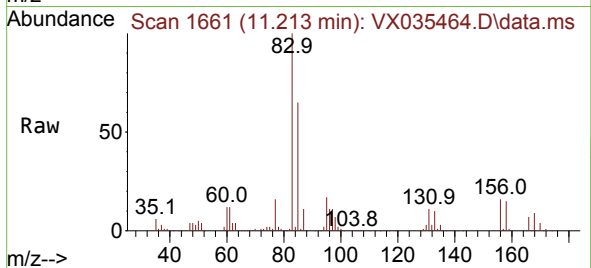




#75
1,1,2,2-Tetrachloroethane
Concen: 50.392 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX035464.D
Acq: 02 May 2023 01:36

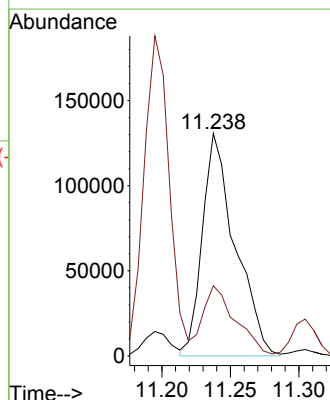
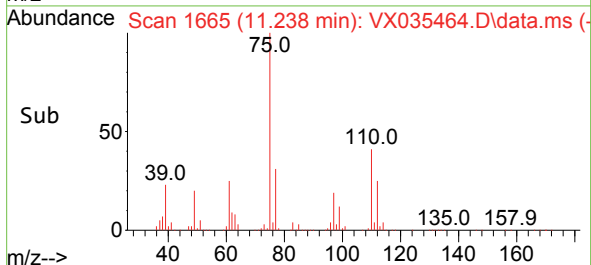
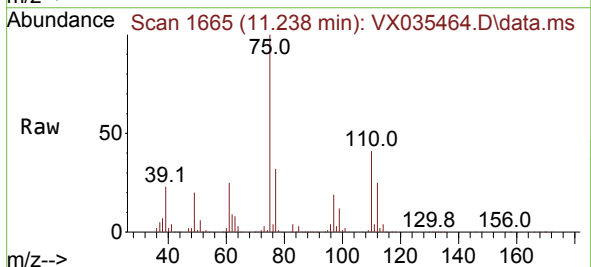
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

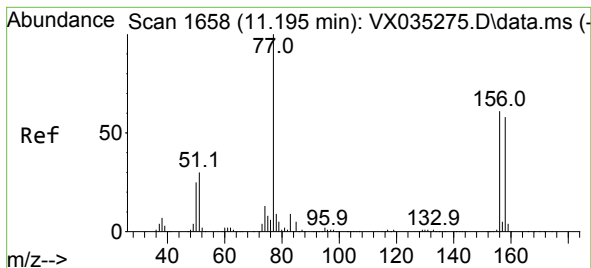
Tgt Ion: 83 Resp: 198917
Ion Ratio Lower Upper
83 100
131 10.9 4.8 14.3
85 64.6 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 62.798 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. 0.001 min
Lab File: VX035464.D
Acq: 02 May 2023 01:36

Tgt Ion: 75 Resp: 217942
Ion Ratio Lower Upper
75 100
77 31.7 21.6 64.8





#77

Bromobenzene

Concen: 49.629 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX035464.D

Acq: 02 May 2023 01:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

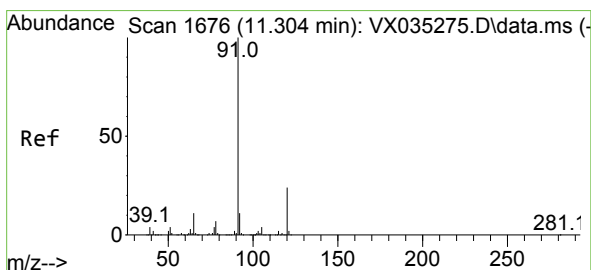
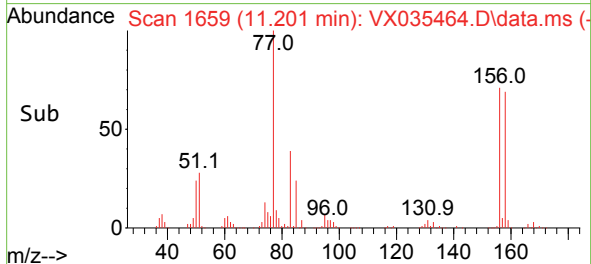
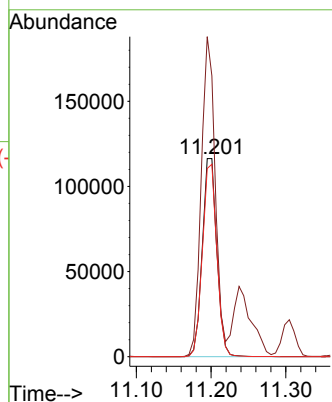
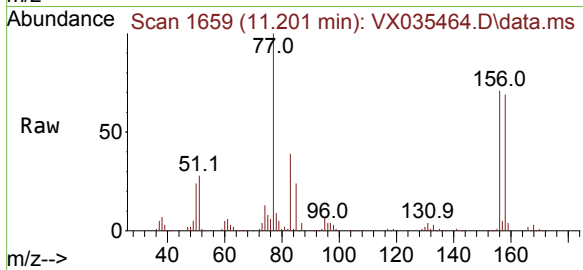
Tgt Ion:156 Resp: 156895

Ion Ratio Lower Upper

156 100

77 154.8 86.7 259.9

158 96.6 48.0 144.0



#78

n-propylbenzene

Concen: 45.480 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.001 min

Lab File: VX035464.D

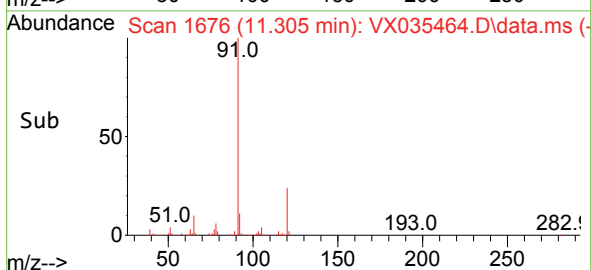
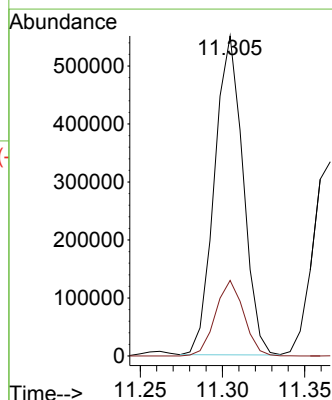
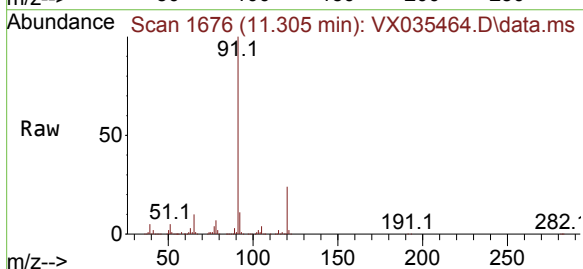
Acq: 02 May 2023 01:36

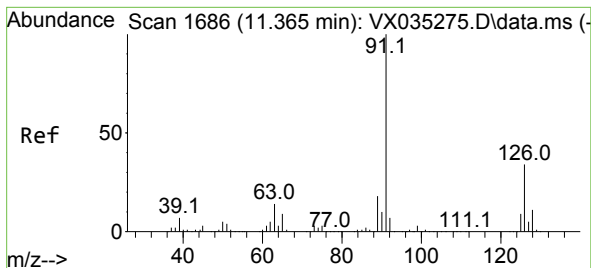
Tgt Ion: 91 Resp: 664290

Ion Ratio Lower Upper

91 100

120 23.5 11.5 34.5

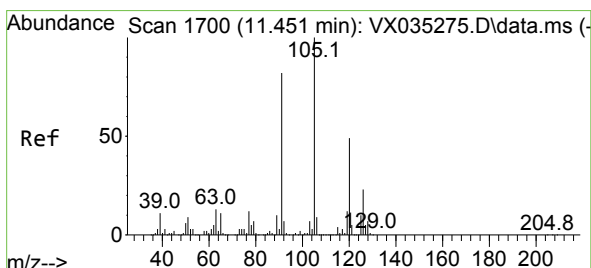
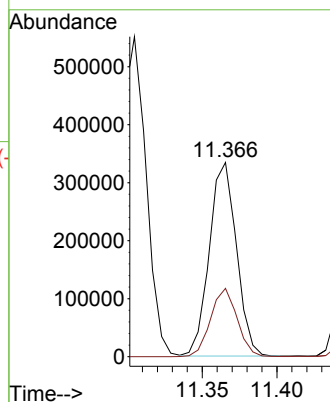
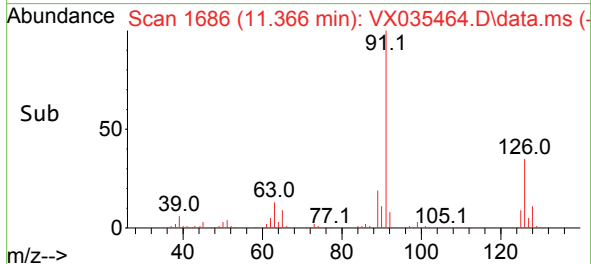
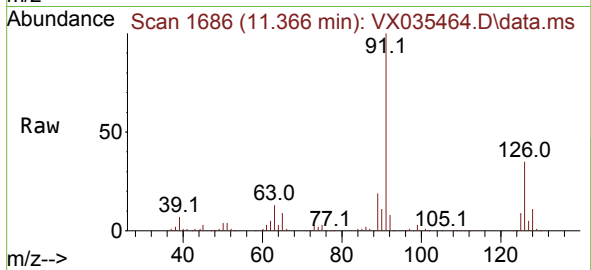




#79
2-Chlorotoluene
Concen: 46.237 ug/l
RT: 11.366 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX035464.D
Acq: 02 May 2023 01:36

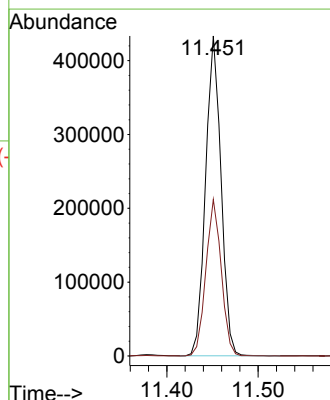
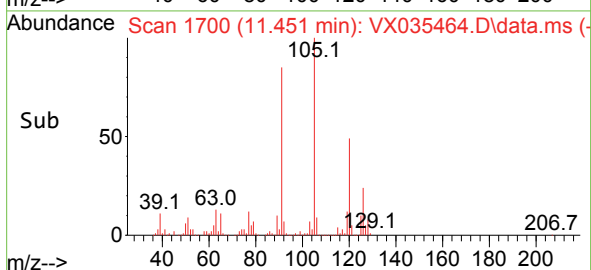
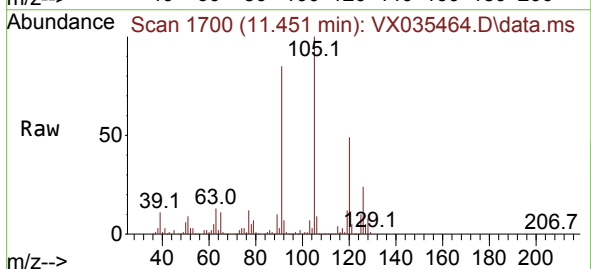
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

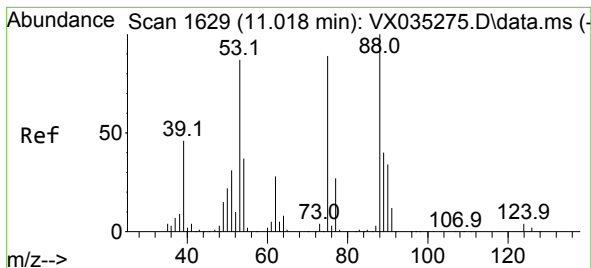
Tgt Ion: 91 Resp: 422014
Ion Ratio Lower Upper
91 100
126 34.4 16.3 48.9



#80
1,3,5-Trimethylbenzene
Concen: 47.239 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX035464.D
Acq: 02 May 2023 01:36

Tgt Ion: 105 Resp: 506572
Ion Ratio Lower Upper
105 100
120 48.7 23.7 71.1

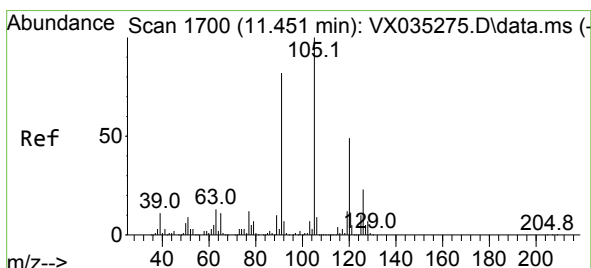
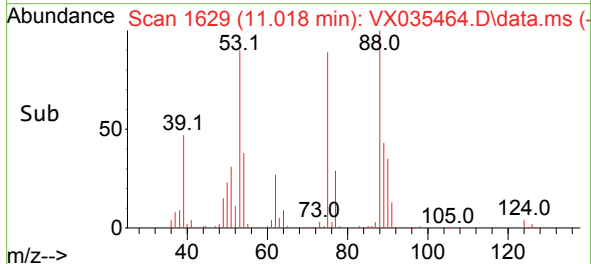
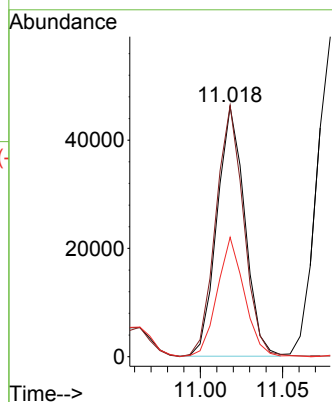
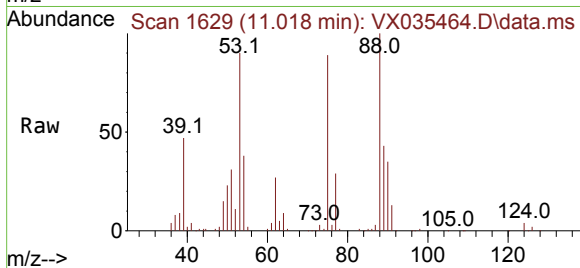




#81
trans-1,4-Dichloro-2-butene
Concen: 50.564 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX035464.D
Acq: 02 May 2023 01:36

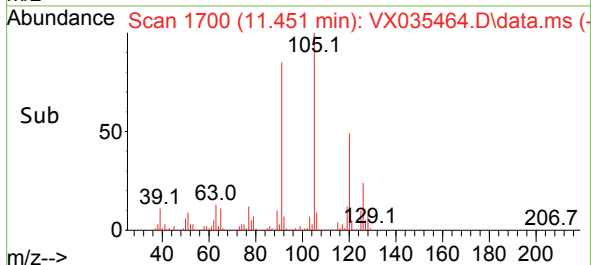
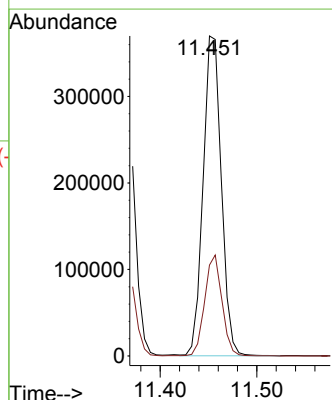
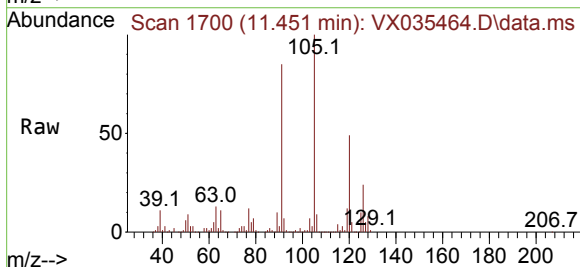
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

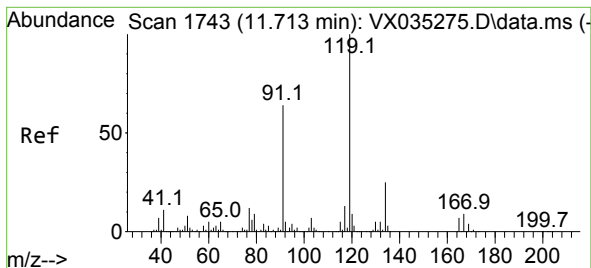
Tgt Ion: 75 Resp: 54181
Ion Ratio Lower Upper
75 100
53 101.5 82.6 124.0
89 46.8 36.9 55.3



#82
4-Chlorotoluene
Concen: 47.286 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX035464.D
Acq: 02 May 2023 01:36

Tgt Ion: 91 Resp: 484736
Ion Ratio Lower Upper
91 100
126 30.0 14.2 42.6





#83

tert-Butylbenzene

Concen: 45.776 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX035464.D

Acq: 02 May 2023 01:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

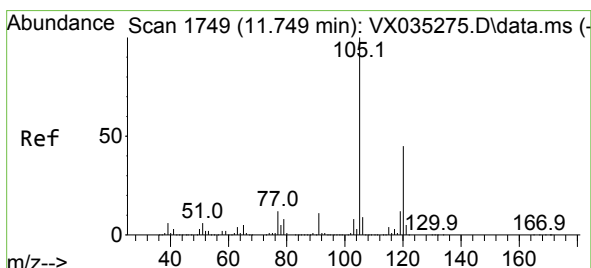
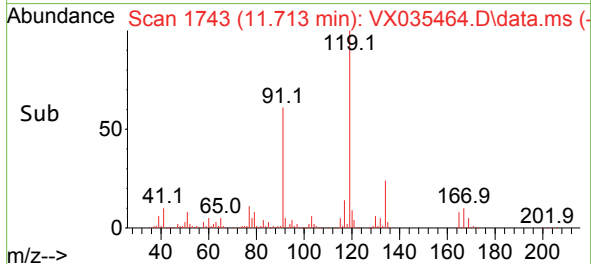
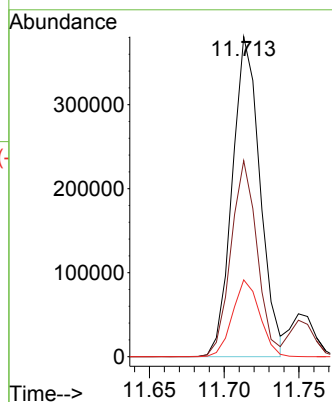
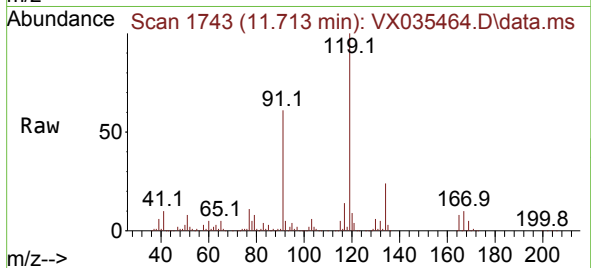
Tgt Ion:119 Resp: 492531

Ion Ratio Lower Upper

119 100

91 57.8 30.6 92.0

134 23.6 11.8 35.4



#84

1,2,4-Trimethylbenzene

Concen: 47.663 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.001 min

Lab File: VX035464.D

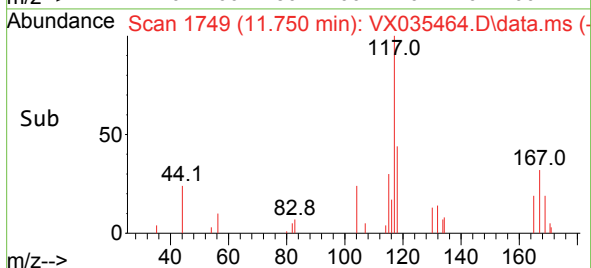
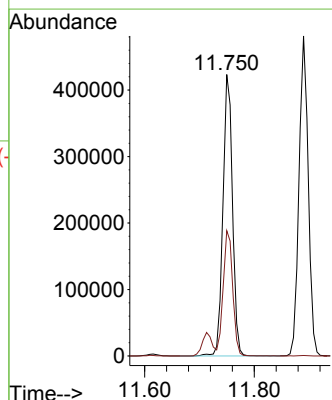
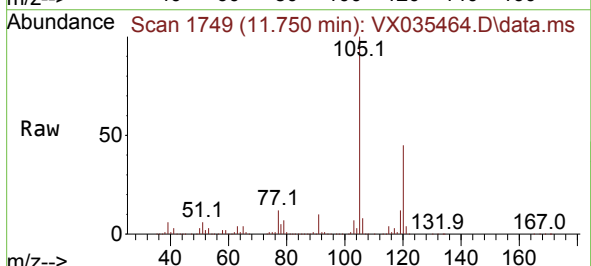
Acq: 02 May 2023 01:36

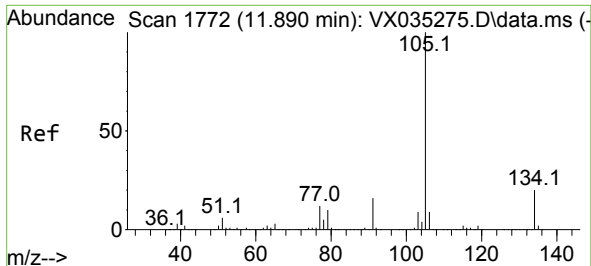
Tgt Ion:105 Resp: 513557

Ion Ratio Lower Upper

105 100

120 44.2 22.4 67.0

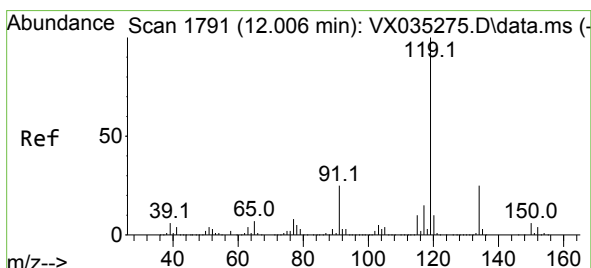
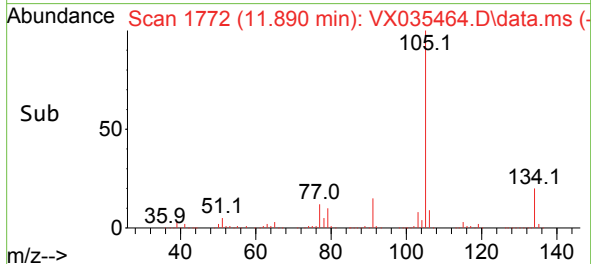
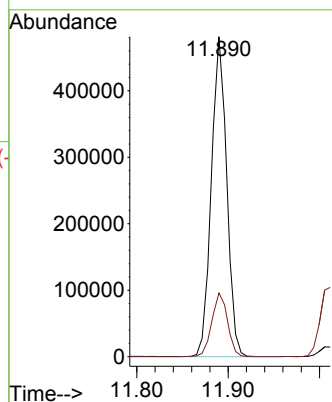
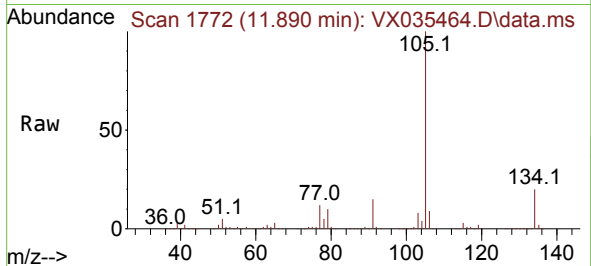




#85
sec-Butylbenzene
Concen: 42.493 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX035464.D
Acq: 02 May 2023 01:36

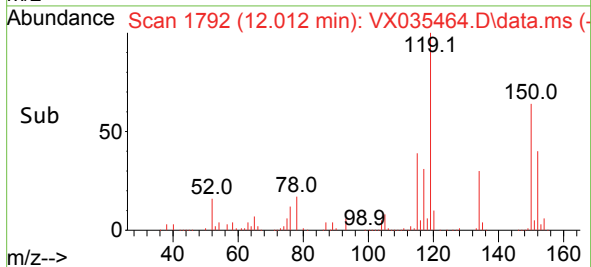
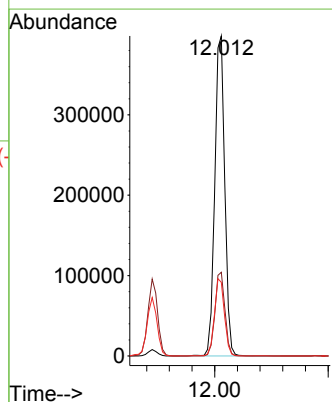
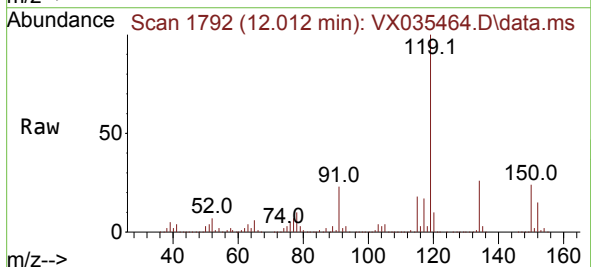
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

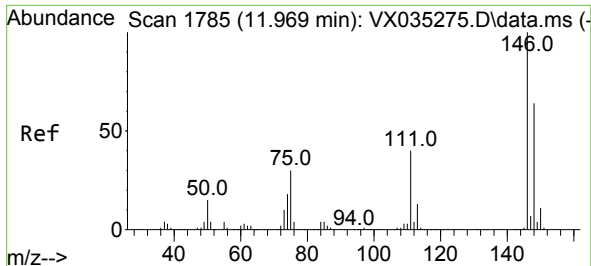
Tgt Ion:105 Resp: 560827
Ion Ratio Lower Upper
105 100
134 20.3 10.2 30.4



#86
p-Isopropyltoluene
Concen: 43.309 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VX035464.D
Acq: 02 May 2023 01:36

Tgt Ion:119 Resp: 486142
Ion Ratio Lower Upper
119 100
134 26.2 13.2 39.5
91 24.0 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 46.968 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX035464.D

Acq: 02 May 2023 01:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

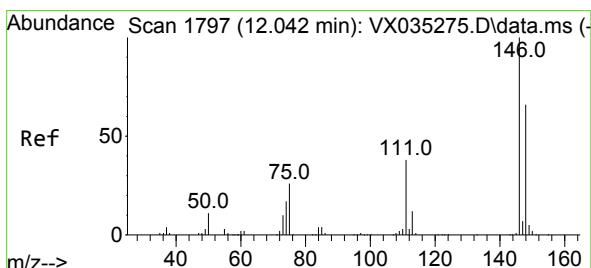
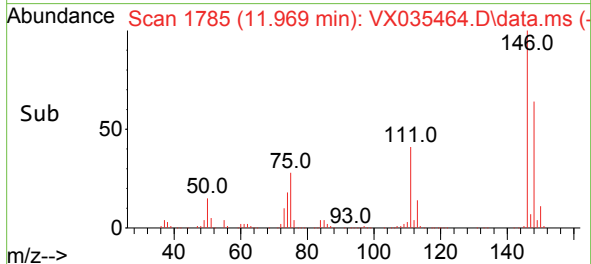
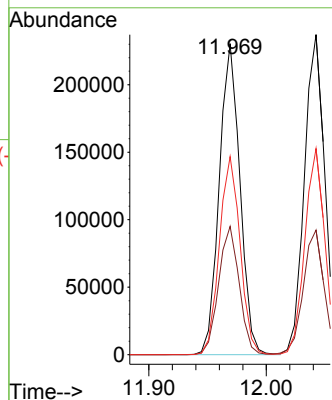
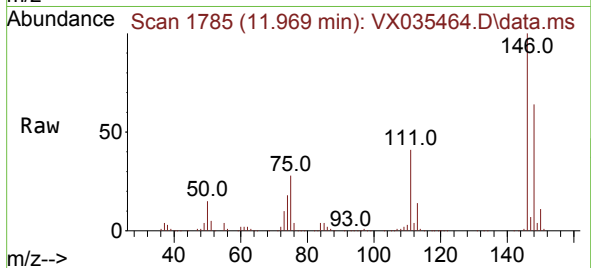
Tgt Ion:146 Resp: 282176

Ion Ratio Lower Upper

146 100

111 41.3 20.9 62.8

148 63.9 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 45.414 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX035464.D

Acq: 02 May 2023 01:36

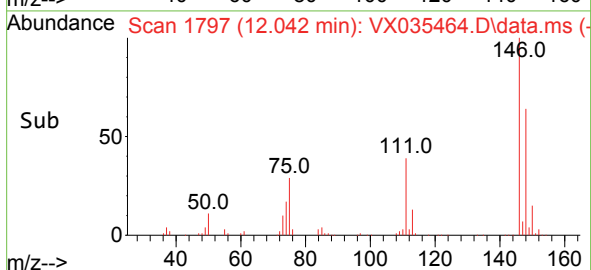
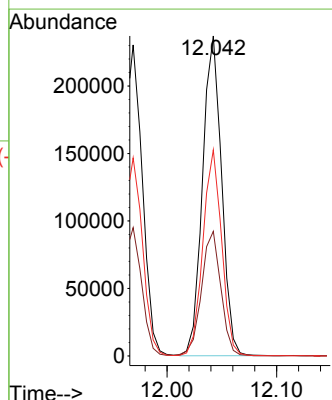
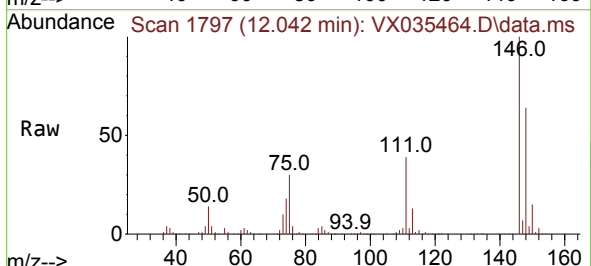
Tgt Ion:146 Resp: 286067

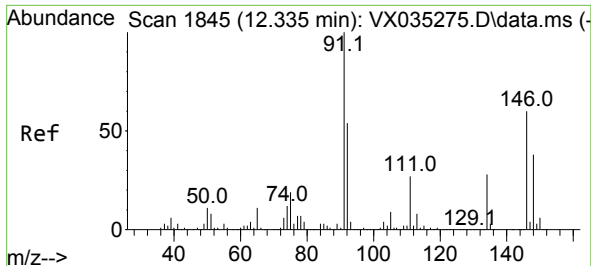
Ion Ratio Lower Upper

146 100

111 39.7 20.6 61.9

148 63.2 31.8 95.4





#89

n-Butylbenzene

Concen: 40.315 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX035464.D

Acq: 02 May 2023 01:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

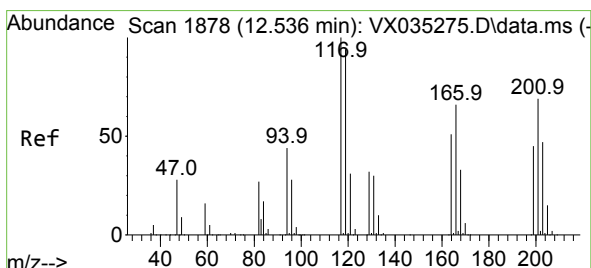
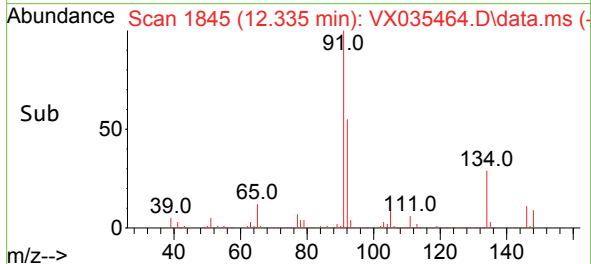
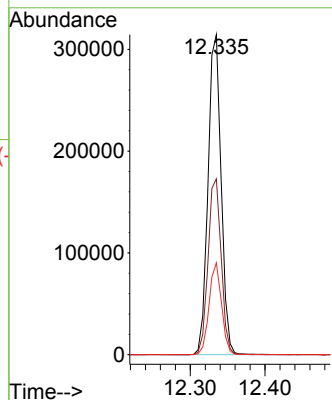
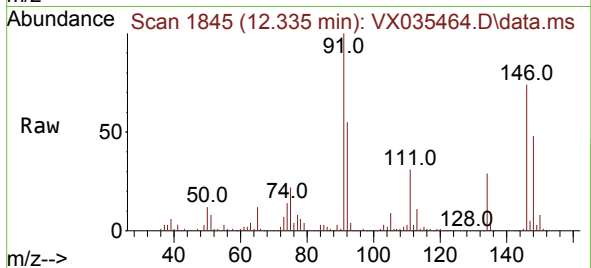
Tgt Ion: 91 Resp: 382011

Ion Ratio Lower Upper

91 100

92 55.1 27.7 83.0

134 27.3 13.0 38.9



#90

Hexachloroethane

Concen: 46.984 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX035464.D

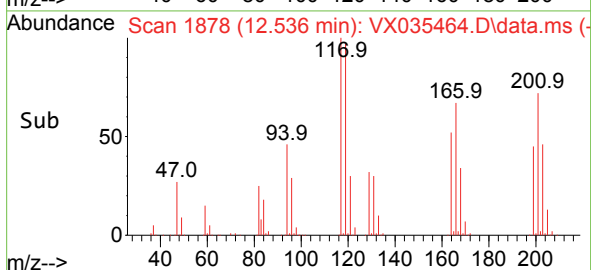
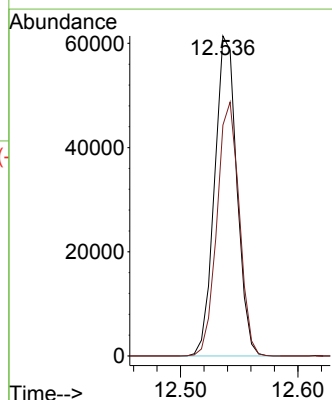
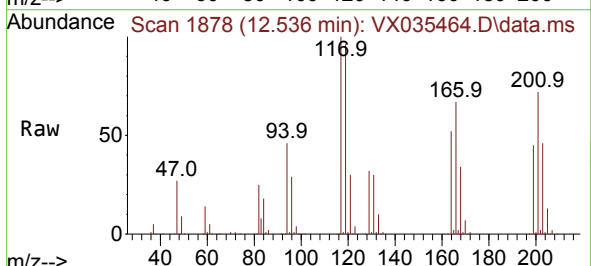
Acq: 02 May 2023 01:36

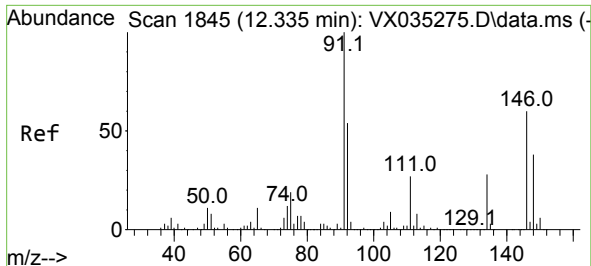
Tgt Ion: 117 Resp: 80732

Ion Ratio Lower Upper

117 100

201 79.5 34.4 103.1

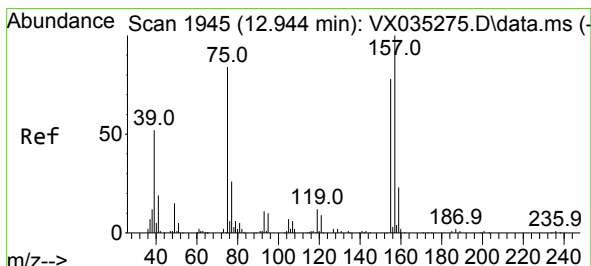
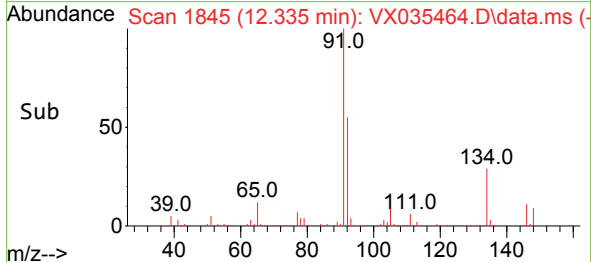
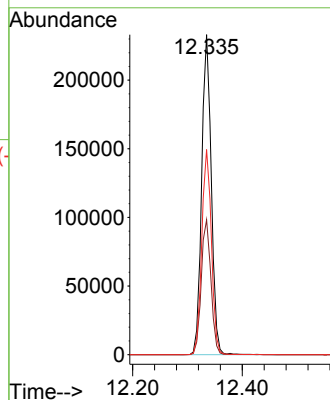
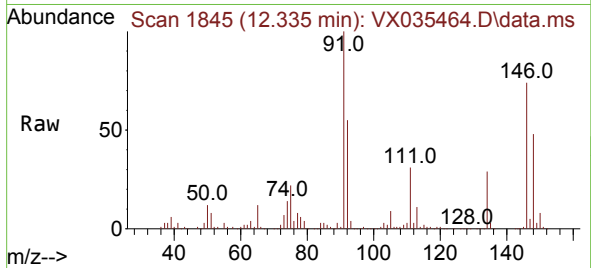




#91
1,2-Dichlorobenzene
Concen: 47.179 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX035464.D
Acq: 02 May 2023 01:36

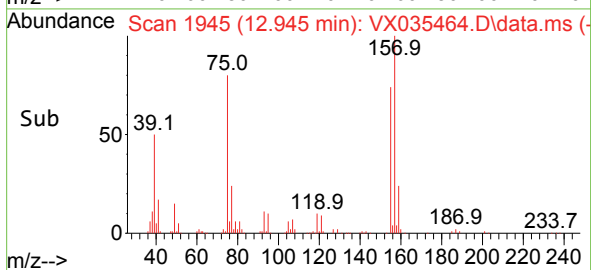
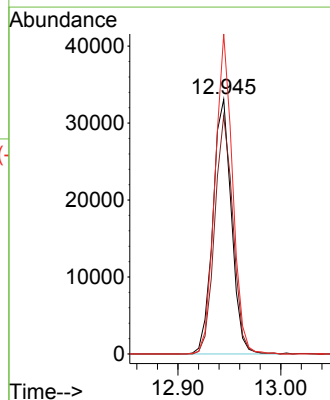
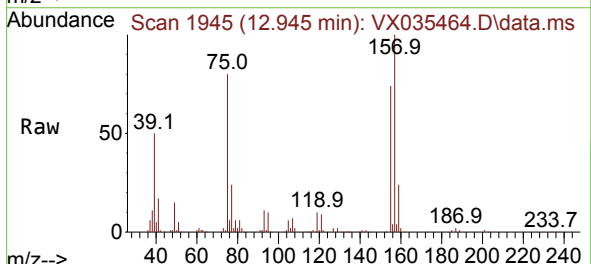
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

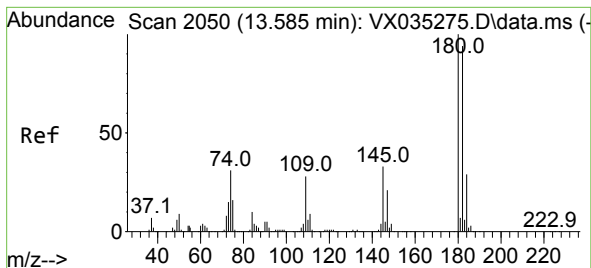
Tgt Ion:146 Resp: 283491
Ion Ratio Lower Upper
146 100
111 42.7 22.0 66.0
148 64.4 32.0 96.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.339 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.001 min
Lab File: VX035464.D
Acq: 02 May 2023 01:36

Tgt Ion: 75 Resp: 41428
Ion Ratio Lower Upper
75 100
155 91.8 38.4 115.1
157 119.0 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 44.593 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX035464.D

Acq: 02 May 2023 01:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

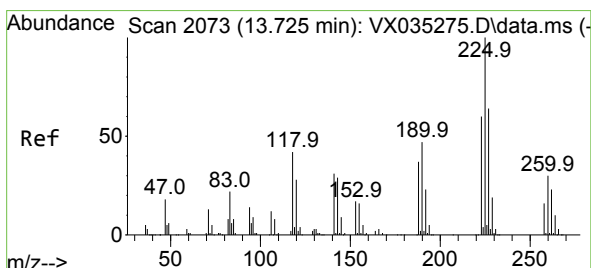
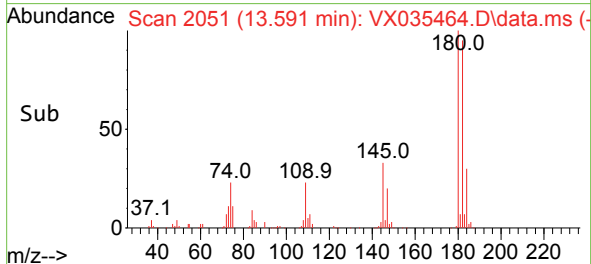
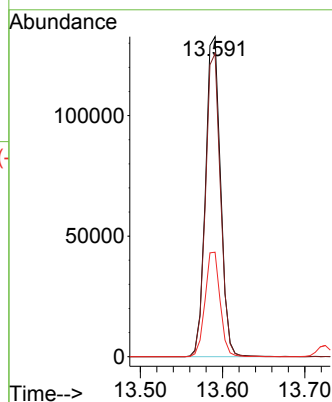
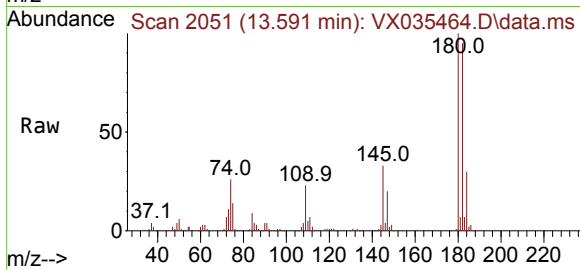
Tgt Ion:180 Resp: 168429

Ion Ratio Lower Upper

180 100

182 94.5 47.0 141.0

145 32.8 15.9 47.7



#94

Hexachlorobutadiene

Concen: 35.539 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX035464.D

Acq: 02 May 2023 01:36

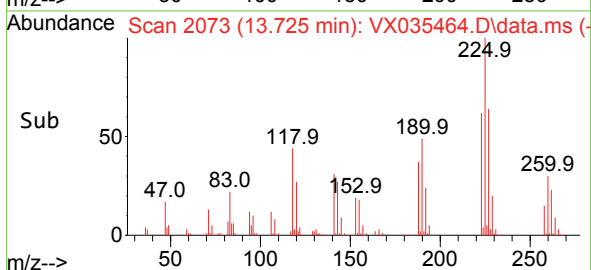
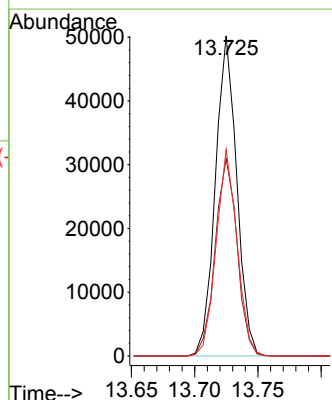
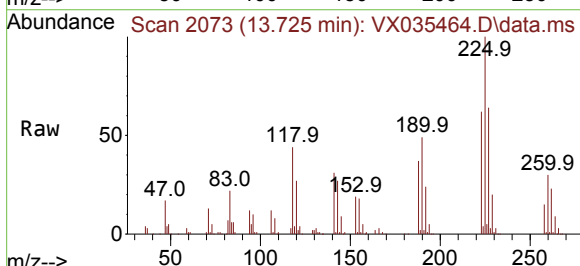
Tgt Ion:225 Resp: 58912

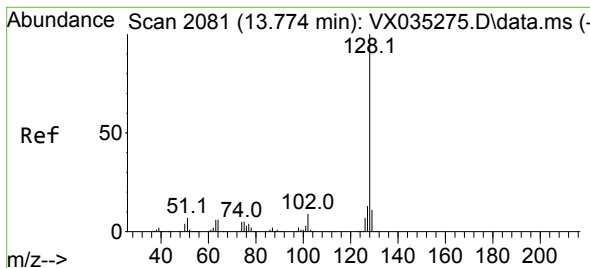
Ion Ratio Lower Upper

225 100

223 63.1 32.1 96.5

227 62.9 31.8 95.4





#95

Naphthalene

Concen: 51.488 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX035464.D

Acq: 02 May 2023 01:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

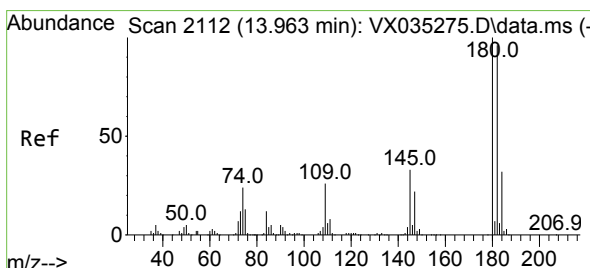
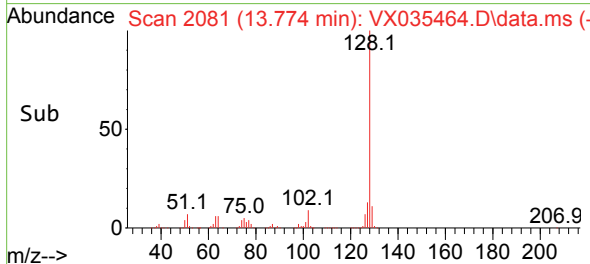
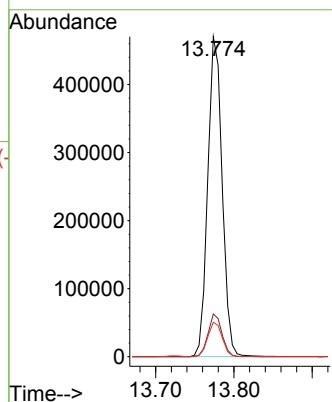
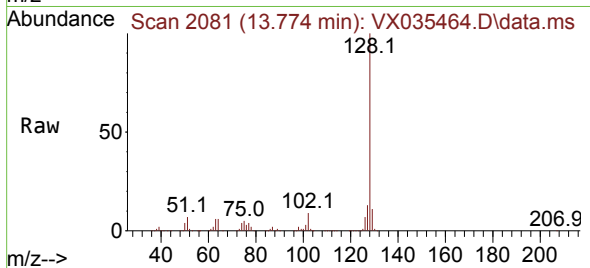
Tgt Ion:128 Resp: 598677

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 44.209 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX035464.D

Acq: 02 May 2023 01:36

Tgt Ion:180 Resp: 168089

Ion Ratio Lower Upper

180 100

182 94.2 48.0 144.2

145 34.2 17.7 53.1

