

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050823\
 Data File : VX035575.D
 Acq On : 08 May 2023 21:05
 Operator : JC/MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDC0050EC

Quant Time: May 09 03:53:15 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	245288	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	404120	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	355628	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	176834	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	149589	50.550	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.100%
35) Dibromofluoromethane	5.385	113	121192	48.860	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.720%
50) Toluene-d8	8.647	98	438788	46.895	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.800%
62) 4-Bromofluorobenzene	11.079	95	174376	49.541	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.080%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	132270	50.962	ug/l	100
3) Chloromethane	1.294	50	145795	61.749	ug/l	100
4) Vinyl Chloride	1.374	62	123489	52.147	ug/l	97
5) Bromomethane	1.617	94	70040	44.500	ug/l	97
6) Chloroethane	1.691	64	70828	51.140	ug/l	100
7) Trichlorofluoromethane	1.892	101	203949	55.073	ug/l	99
8) Diethyl Ether	2.130	74	72653	53.808	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	128434	51.926	ug/l	96
10) Methyl Iodide	2.453	142	119875	38.402	ug/l	96
11) Tert butyl alcohol	2.989	59	171560	318.399	ug/l	96
12) 1,1-Dichloroethene	2.319	96	124954	52.450	ug/l	99
13) Acrolein	2.239	56	115684	218.316	ug/l	100
14) Allyl chloride	2.666	41	232265	55.400	ug/l	99
15) Acrylonitrile	3.062	53	398150	295.441	ug/l	99
16) Acetone	2.386	43	336531	261.840	ug/l	99
17) Carbon Disulfide	2.514	76	306941	53.745	ug/l	99
18) Methyl Acetate	2.703	43	310851	62.545	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	485579	59.411	ug/l	96
20) Methylene Chloride	2.788	84	147178	49.941	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	139353	53.858	ug/l	96
22) Diisopropyl ether	3.757	45	464186	55.950	ug/l	91
23) Vinyl Acetate	3.721	43	1745876	306.149	ug/l	99
24) 1,1-Dichloroethane	3.611	63	263446	56.374	ug/l	99
25) 2-Butanone	4.556	43	551647	294.062	ug/l	95
26) 2,2-Dichloropropane	4.477	77	217293	59.352	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	169359	55.684	ug/l	96
28) Bromochloromethane	4.897	49	96527	48.470	ug/l	86
29) Tetrahydrofuran	5.007	42	354255	294.580	ug/l	95
30) Chloroform	5.092	83	279444	59.235	ug/l	95
31) Cyclohexane	5.476	56	226432	53.940	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	259306	62.720	ug/l	97
36) 1,1-Dichloropropene	5.696	75	207661	53.618	ug/l	99
37) Ethyl Acetate	4.708	43	216682	61.256	ug/l	96
38) Carbon Tetrachloride	5.678	117	218005	59.295	ug/l	97
39) Methylcyclohexane	7.379	83	224234	47.564	ug/l	98
40) Benzene	6.037	78	605241	54.476	ug/l	99

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 ClientSampleId :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	123656	61.008	ug/l	98
42) 1,2-Dichloroethane	6.086	62	228041	57.567	ug/l	98
43) Isopropyl Acetate	6.336	43	378142	63.620	ug/l	96
44) Trichloroethene	7.123	130	173007	56.526	ug/l	98
45) 1,2-Dichloropropane	7.427	63	157320	56.165	ug/l	100
46) Dibromomethane	7.580	93	111165	57.793	ug/l	93
47) Bromodichloromethane	7.824	83	219080	61.818	ug/l	98
48) Methyl methacrylate	7.690	41	189076	64.850	ug/l	93
49) 1,4-Dioxane	7.702	88	65178	917.113	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	1128716	309.096	ug/l	96
52) Toluene	8.720	92	398408	56.572	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	257175	69.486	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	267557	63.958	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	163330	58.177	ug/l	96
56) Ethyl methacrylate	9.116	69	268648	64.236	ug/l	92
57) 1,3-Dichloropropane	9.305	76	273777	57.014	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	608231	290.858	ug/l	94
59) 2-Hexanone	9.433	43	841267	306.662	ug/l	95
60) Dibromochloromethane	9.518	129	177454	65.971	ug/l	99
61) 1,2-Dibromoethane	9.610	107	165635	57.230	ug/l	99
64) Tetrachloroethene	9.275	164	151304	55.566	ug/l	99
65) Chlorobenzene	10.079	112	417721	54.291	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	166241	62.083	ug/l	98
67) Ethyl Benzene	10.195	91	750004	56.288	ug/l	100
68) m/p-Xylenes	10.299	106	578745	113.353	ug/l	99
69) o-Xylene	10.640	106	288890	57.702	ug/l	99
70) Styrene	10.652	104	480388	59.178	ug/l	98
71) Bromoform	10.799	173	126854	68.108	ug/l	98
73) Isopropylbenzene	10.963	105	739022	57.171	ug/l	99
74) N-amyl acetate	10.841	43	330014	67.935	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	237635	59.229	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	275336	78.056	ug/l	83
77) Bromobenzene	11.201	156	186305	57.981	ug/l	93
78) n-propylbenzene	11.305	91	819605	55.208	ug/l	99
79) 2-Chlorotoluene	11.366	91	515303	55.547	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	617711	56.674	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	79008	72.543	ug/l	94
82) 4-Chlorotoluene	11.457	91	592800	56.894	ug/l	98
83) tert-Butylbenzene	11.713	119	609776	55.758	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	617648	56.399	ug/l	99
85) sec-Butylbenzene	11.890	105	687167	51.226	ug/l	99
86) p-Isopropyltoluene	12.006	119	603542	52.901	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	338982	55.512	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	341023	53.265	ug/l	100
89) n-Butylbenzene	12.335	91	489210	50.795	ug/l	99
90) Hexachloroethane	12.536	117	92013	52.685	ug/l	89
91) 1,2-Dichlorobenzene	12.335	146	337288	55.226	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	55931	69.521	ug/l	86
93) 1,2,4-Trichlorobenzene	13.585	180	204046	53.151	ug/l	99
94) Hexachlorobutadiene	13.725	225	80999	48.075	ug/l	99
95) Naphthalene	13.774	128	713175	60.345	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	198930	51.476	ug/l	99

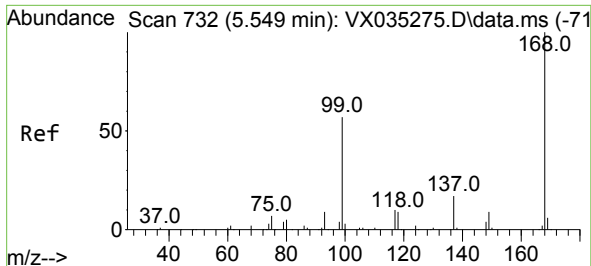
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050823\
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Response via : Initial Calibration

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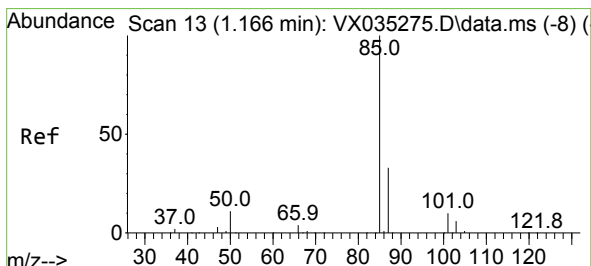
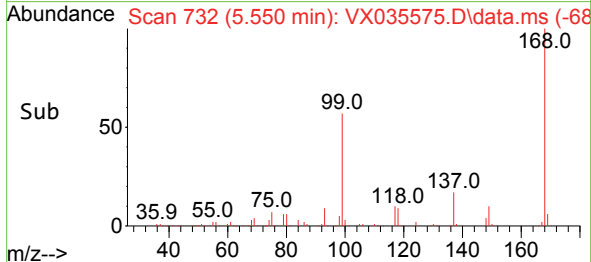
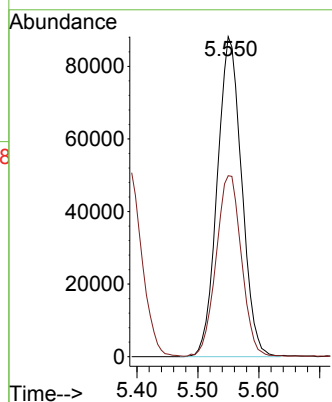
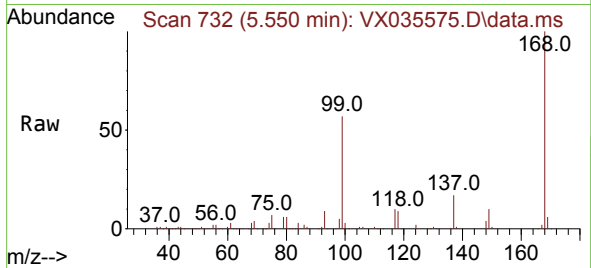
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035575.D
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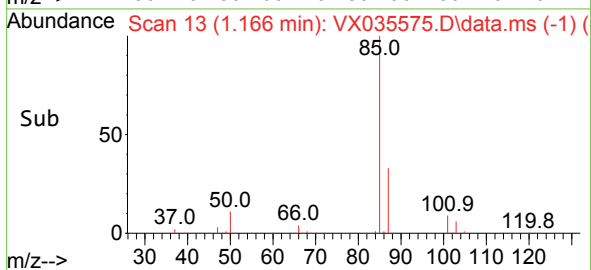
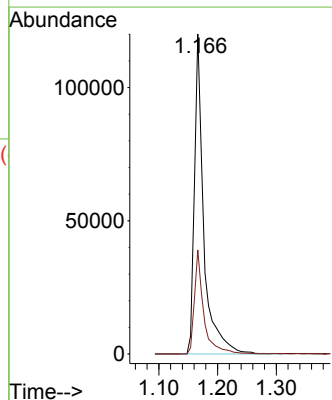
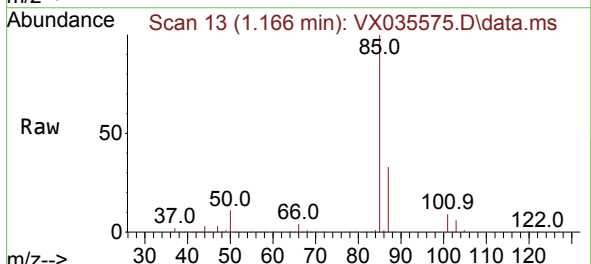
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ClientSampleId :
VSTDCCC050EC

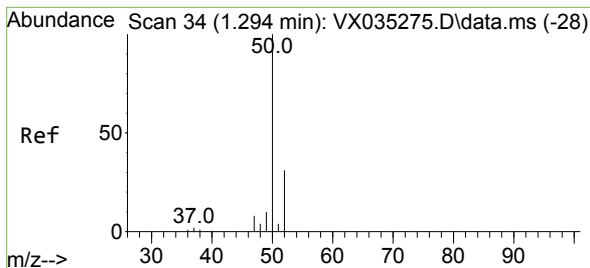
Tgt Ion:168 Resp: 245288
Ion Ratio Lower Upper
168 100
99 56.3 45.7 68.5



#2
Dichlorodifluoromethane
Concen: 50.962 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX035575.D
Acq: 08 May 2023 21:05

Tgt Ion: 85 Resp: 132270
Ion Ratio Lower Upper
85 100
87 32.5 16.4 49.1





#3

Chloromethane

Concen: 61.749 ug/l

RT: 1.294 min Scan# 34

Delta R.T. 0.000 min

Lab File: VX035575.D

Acq: 08 May 2023 21:05

Instrument :

MSVOA_X

ClientSampleId :

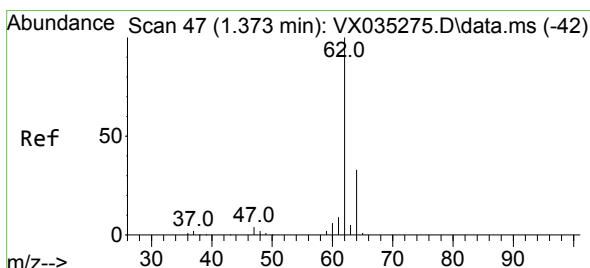
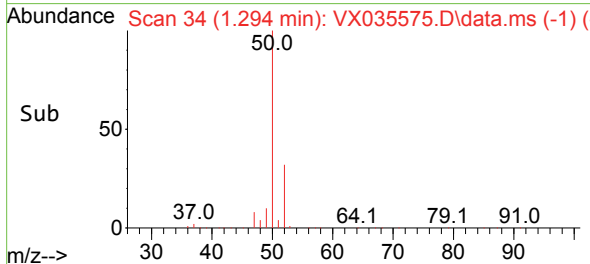
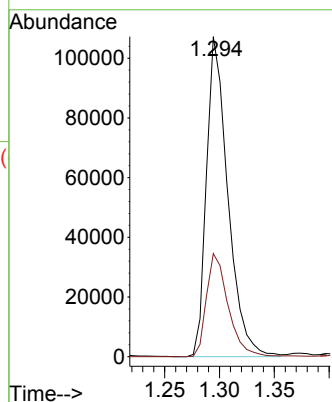
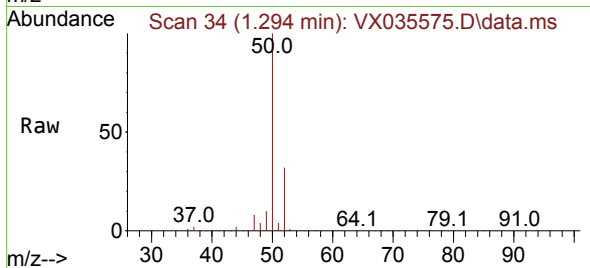
VSTDCCC050EC

Tgt Ion: 50 Resp: 145795

Ion Ratio Lower Upper

50 100

52 32.2 25.9 38.9



#4

Vinyl Chloride

Concen: 52.147 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.001 min

Lab File: VX035575.D

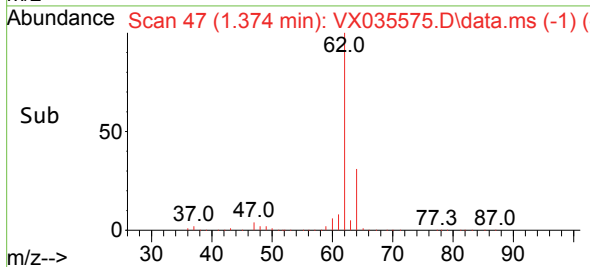
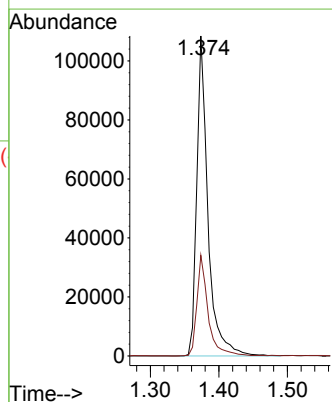
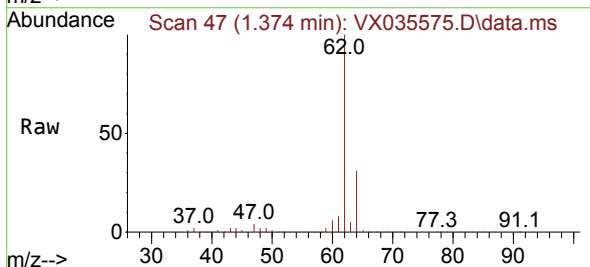
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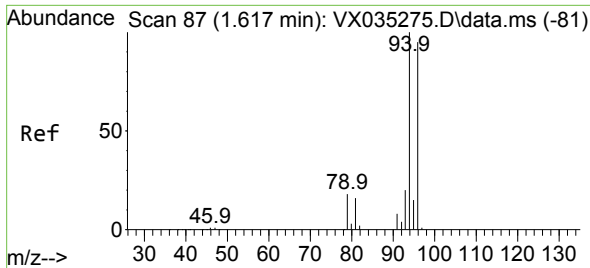
Tgt Ion: 62 Resp: 123489

Ion Ratio Lower Upper

62 100

64 31.4 26.4 39.6

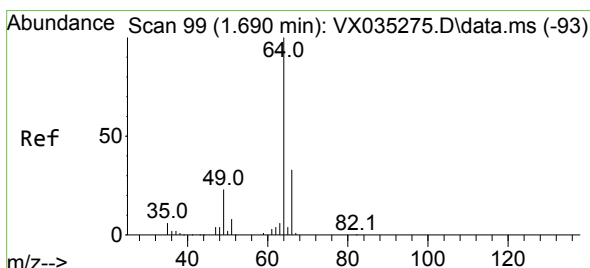
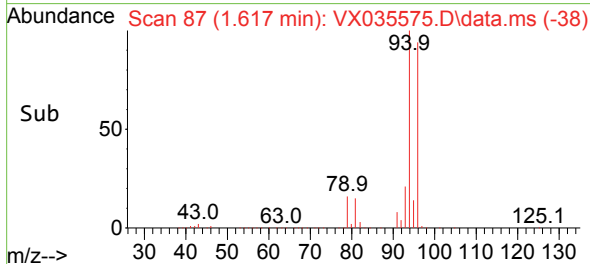
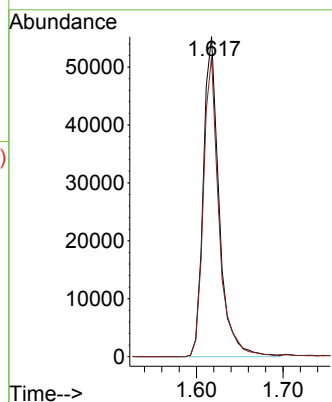
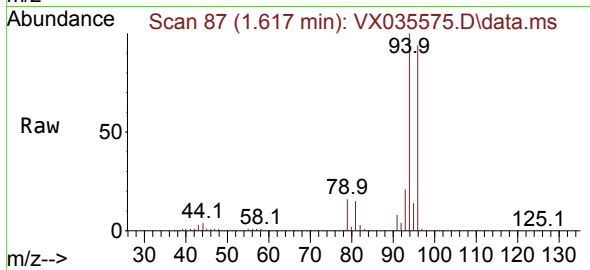




#5
Bromomethane
Concen: 44.500 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX035575.D
Acq: 08 May 2023 21:05

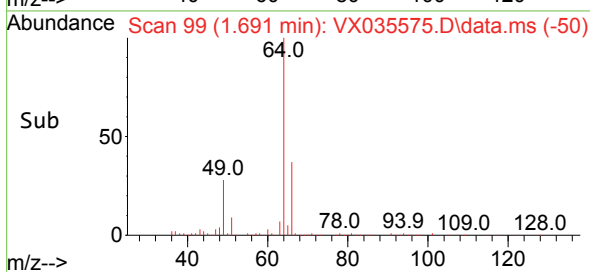
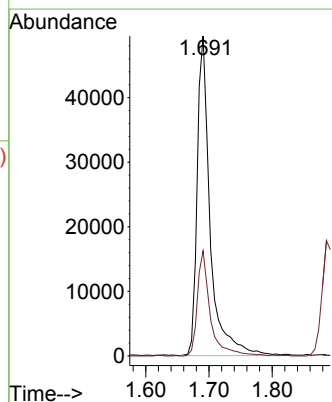
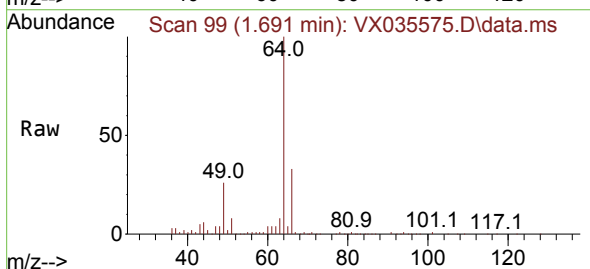
Instrument :
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VSTDCCC050EC

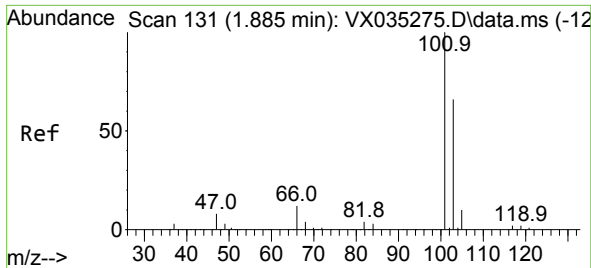
Tgt Ion: 94 Resp: 70040
Ion Ratio Lower Upper
94 100
96 93.6 77.0 115.6



#6
Chloroethane
Concen: 51.140 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.001 min
Lab File: VX035575.D
Acq: 08 May 2023 21:05

Tgt Ion: 64 Resp: 70828
Ion Ratio Lower Upper
64 100
66 32.9 26.2 39.4

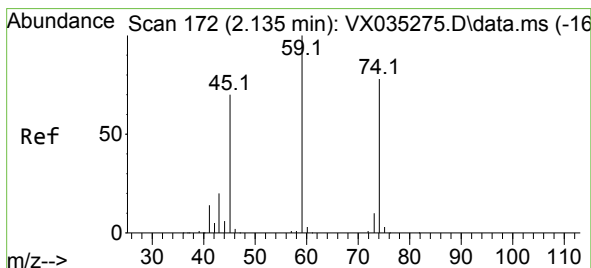
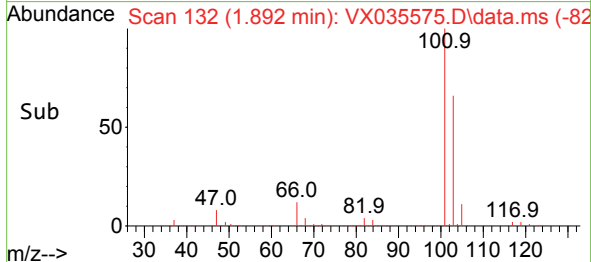
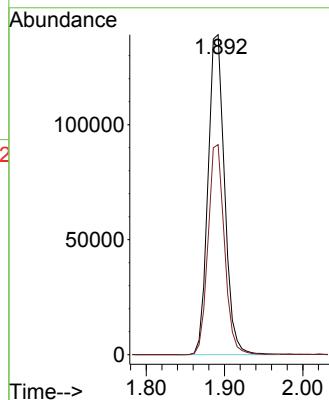
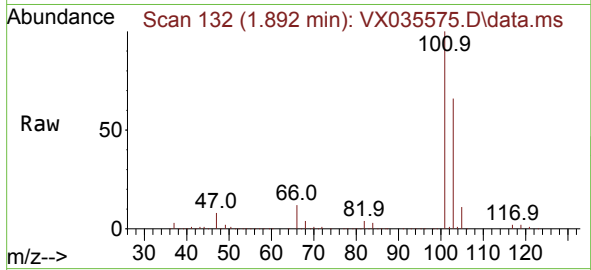




#7
 Trichlorofluoromethane
 Concen: 55.073 ug/l
 RT: 1.892 min Scan# 11
 Delta R.T. 0.007 min
 Lab File: VX035575.D
 Acq: 08 May 2023 21:05

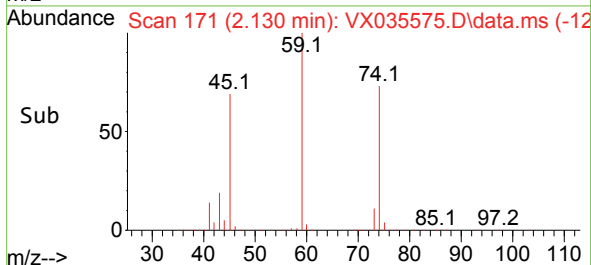
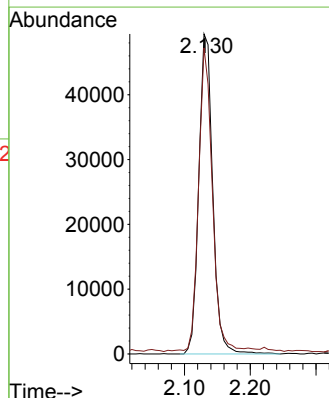
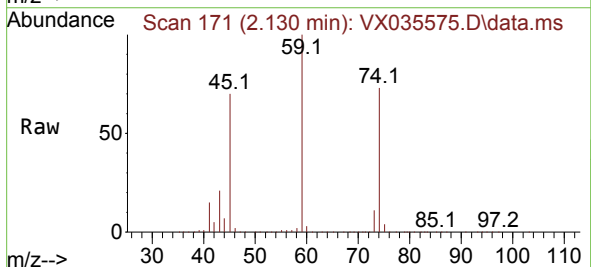
Instrument :
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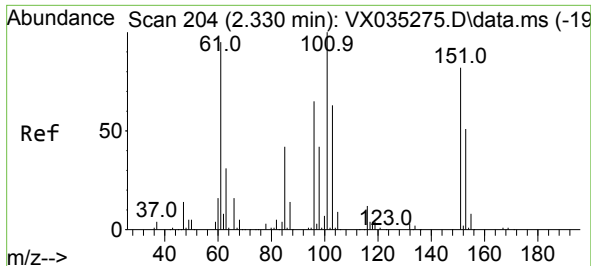
Tgt Ion:101 Resp: 203949
 Ion Ratio Lower Upper
 101 100
 103 65.6 52.0 78.0



#8
 Diethyl Ether
 Concen: 53.808 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.005 min
 Lab File: VX035575.D
 Acq: 08 May 2023 21:05

Tgt Ion: 74 Resp: 72653
 Ion Ratio Lower Upper
 74 100
 45 93.8 49.8 149.3

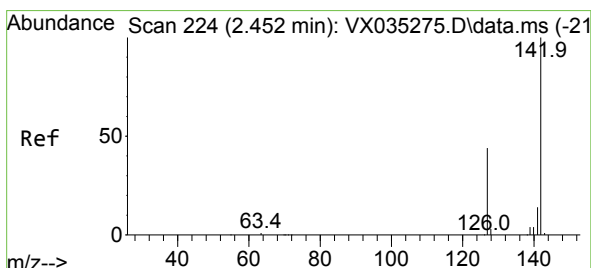
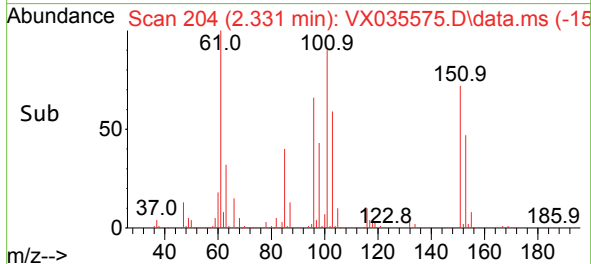
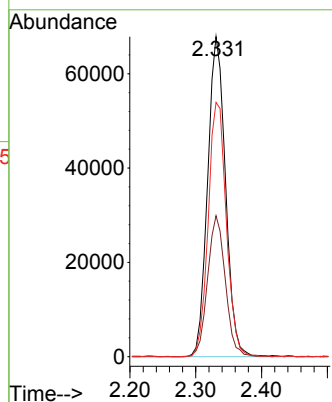
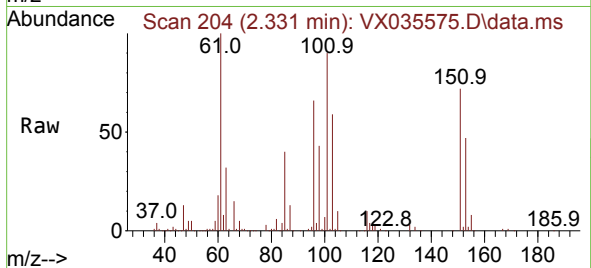




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.926 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.001 min
Lab File: VX035575.D
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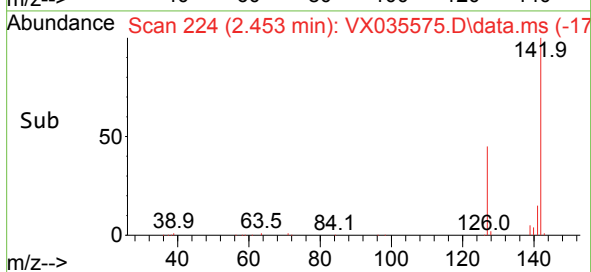
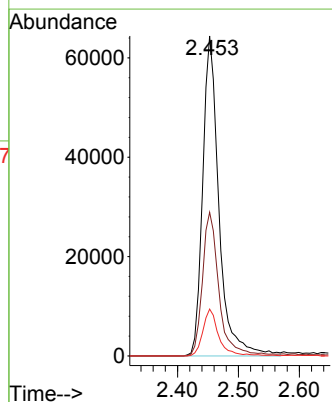
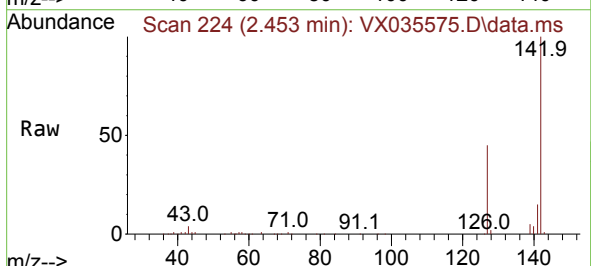
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

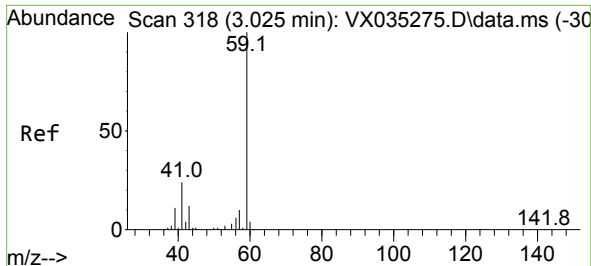
Tgt Ion:101 Resp: 128434
Ion Ratio Lower Upper
101 100
85 43.7 35.4 53.2
151 80.6 60.2 90.4



#10
Methyl Iodide
Concen: 38.402 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.001 min
Lab File: VX035575.D
Acq: 08 May 2023 21:05

Tgt Ion:142 Resp: 119875
Ion Ratio Lower Upper
142 100
127 45.9 34.0 51.0
141 14.4 11.1 16.7

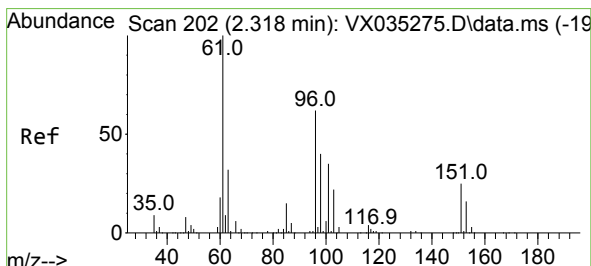
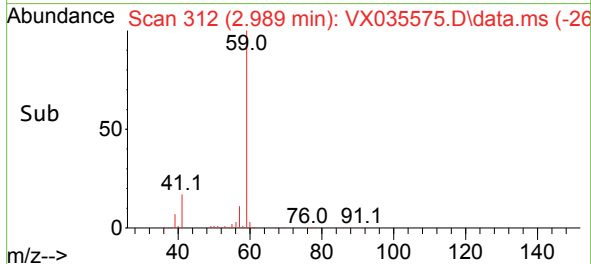
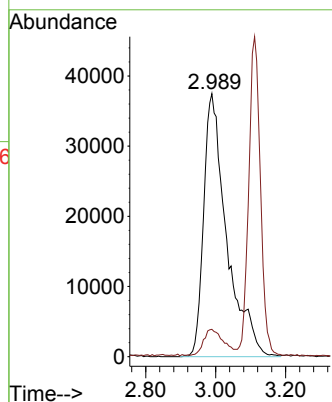
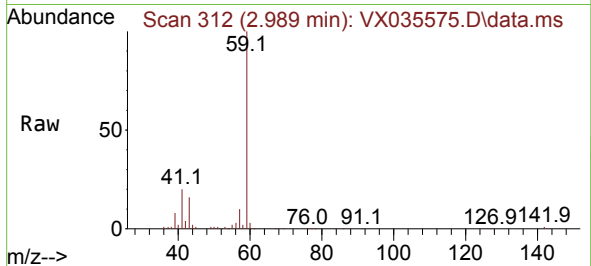




#11
Tert butyl alcohol
Concen: 318.399 ug/l
RT: 2.989 min Scan# 318
Delta R.T. -0.036 min
Lab File: VX035575.D
Acq: 08 May 2023 21:05

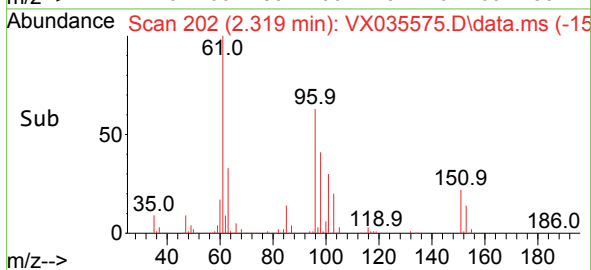
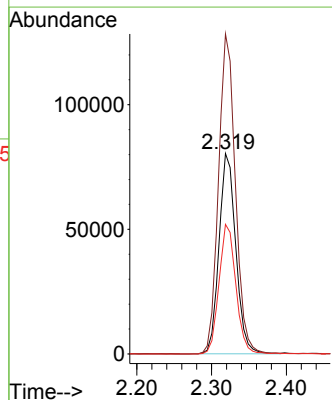
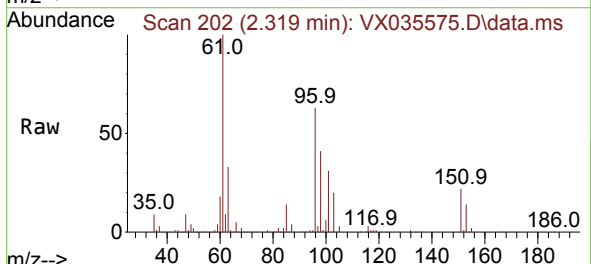
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

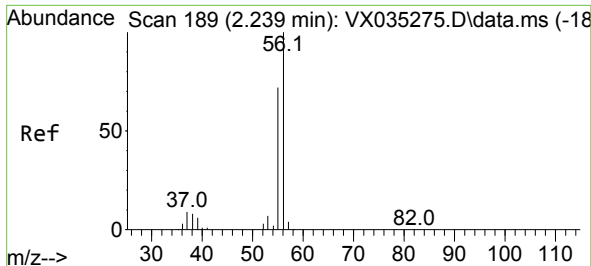
Tgt Ion: 59 Resp: 171560
Ion Ratio Lower Upper
59 100
57 8.5 8.1 12.1



#12
1,1-Dichloroethene
Concen: 52.450 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.001 min
Lab File: VX035575.D
Acq: 08 May 2023 21:05

Tgt Ion: 96 Resp: 124954
Ion Ratio Lower Upper
96 100
61 159.8 128.8 193.2
98 64.7 51.4 77.0





#13

Acrolein

Concen: 218.316 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX035575.D

Acq: 08 May 2023 21:05

Instrument :

MSVOA_X

ClientSampleId :

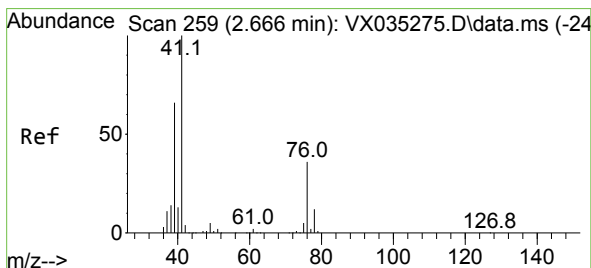
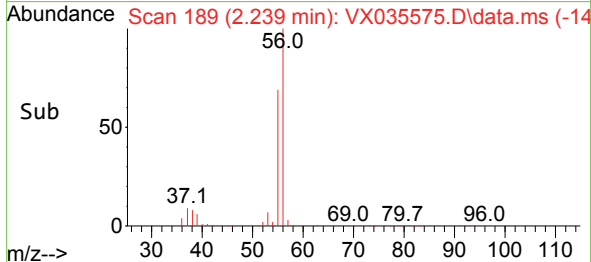
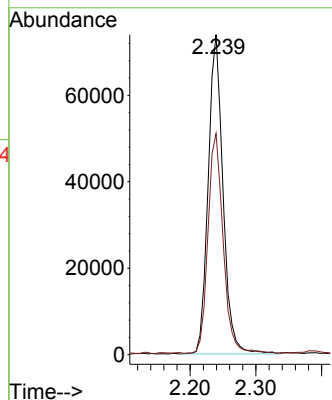
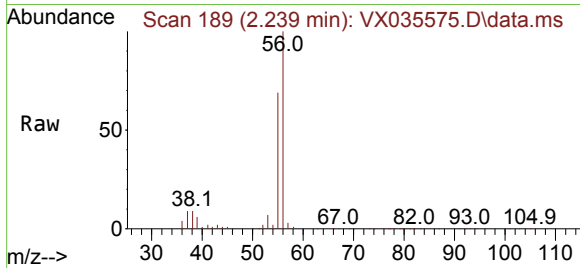
VSTDCCC050EC

Tgt Ion: 56 Resp: 115684

Ion Ratio Lower Upper

56 100

55 70.4 56.6 85.0



#14

Allyl chloride

Concen: 55.400 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX035575.D

Acq: 08 May 2023 21:05

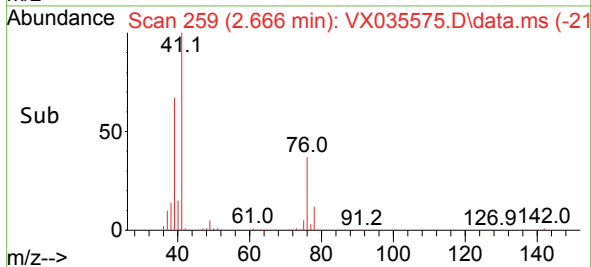
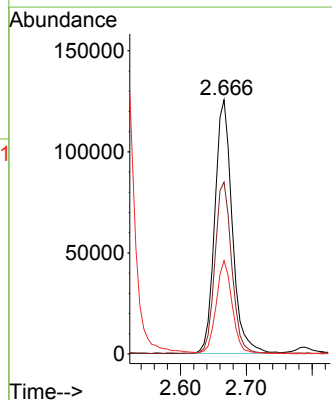
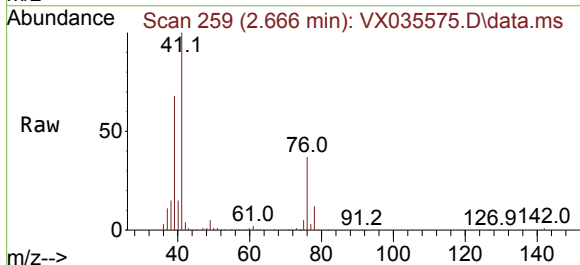
Tgt Ion: 41 Resp: 232265

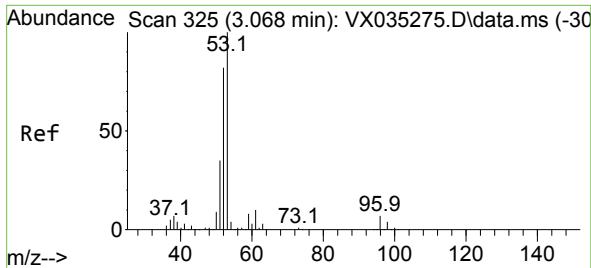
Ion Ratio Lower Upper

41 100

39 65.0 52.4 78.6

76 34.1 26.0 39.0

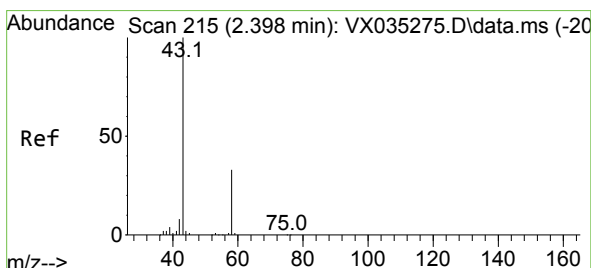
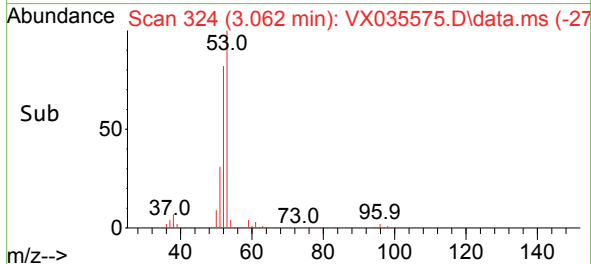
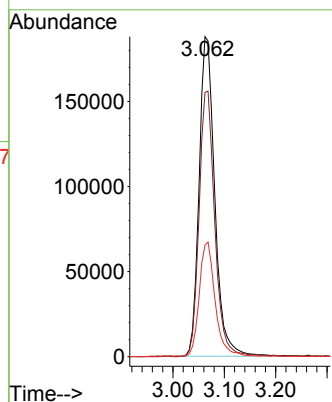
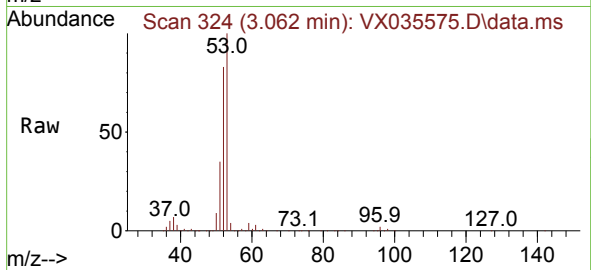




#15
Acrylonitrile
Concen: 295.441 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX035575.D
Acq: 08 May 2023 21:05

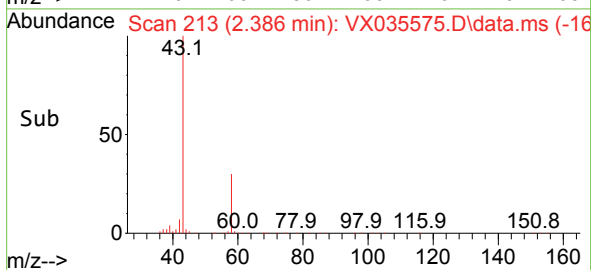
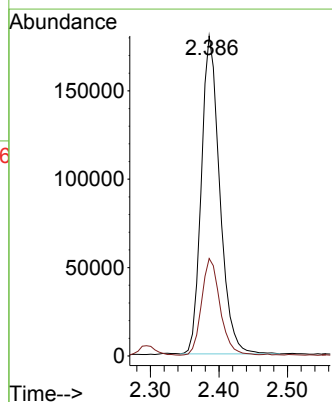
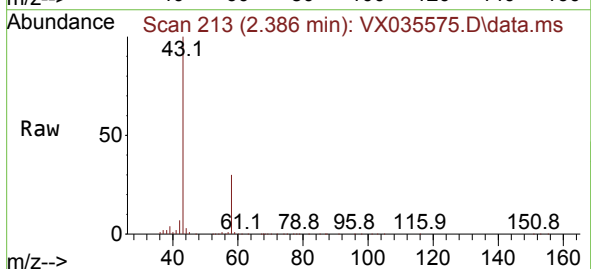
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

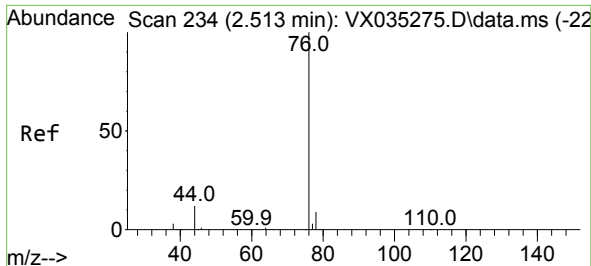
Tgt Ion: 53 Resp: 398150
Ion Ratio Lower Upper
53 100
52 83.3 66.2 99.2
51 35.9 28.3 42.5



#16
Acetone
Concen: 261.840 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.012 min
Lab File: VX035575.D
Acq: 08 May 2023 21:05

Tgt Ion: 43 Resp: 336531
Ion Ratio Lower Upper
43 100
58 30.4 24.7 37.1

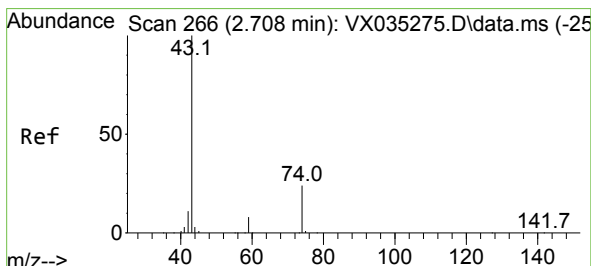
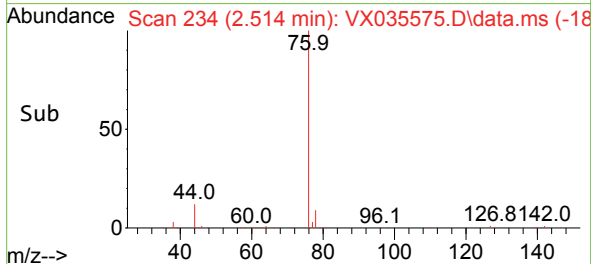
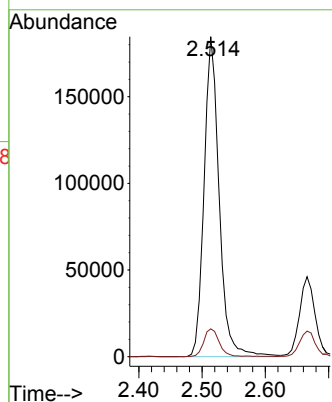
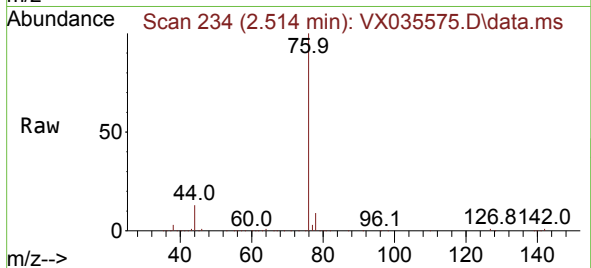




#17
Carbon Disulfide
Concen: 53.745 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.001 min
Lab File: VX035575.D
Acq: 08 May 2023 21:05

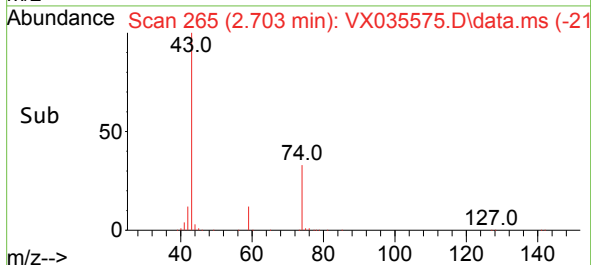
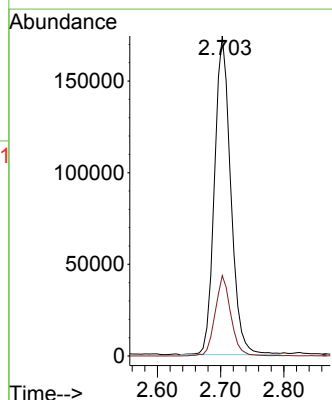
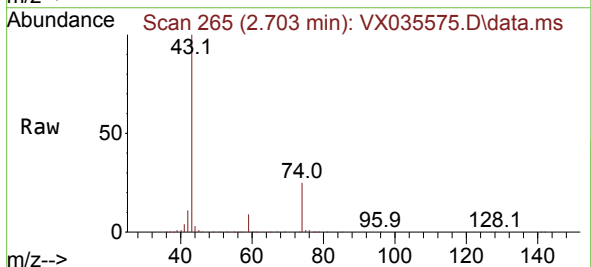
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

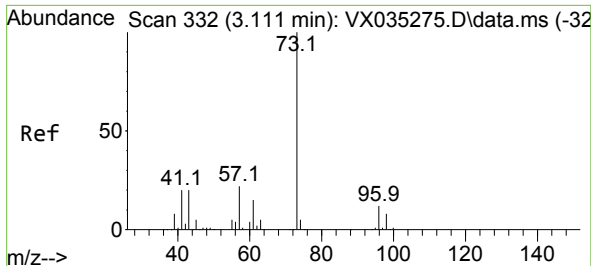
Tgt Ion: 76 Resp: 306941
Ion Ratio Lower Upper
76 100
78 8.6 7.2 10.8



#18
Methyl Acetate
Concen: 62.545 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.005 min
Lab File: VX035575.D
Acq: 08 May 2023 21:05

Tgt Ion: 43 Resp: 310851
Ion Ratio Lower Upper
43 100
74 24.4 18.3 27.5

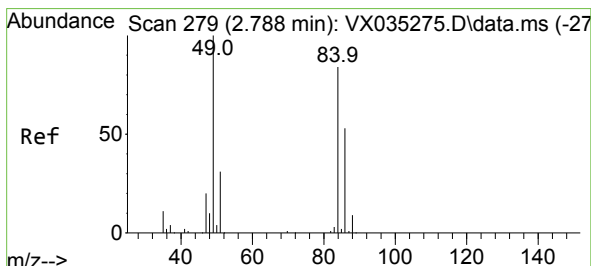
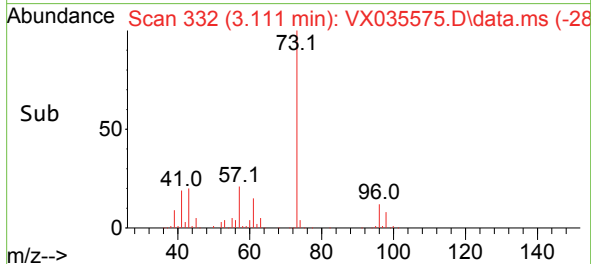
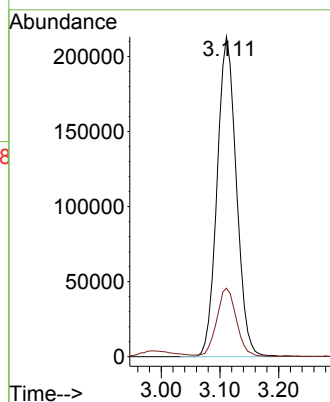
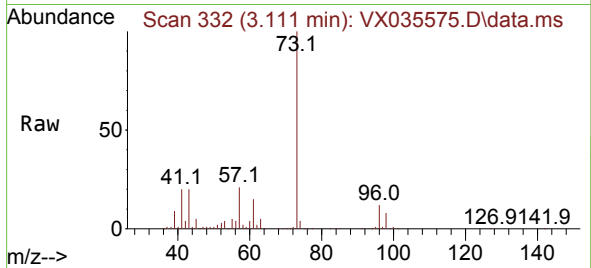




#19
Methyl tert-butyl Ether
Concen: 59.411 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX035575.D
Acq: 08 May 2023 21:05

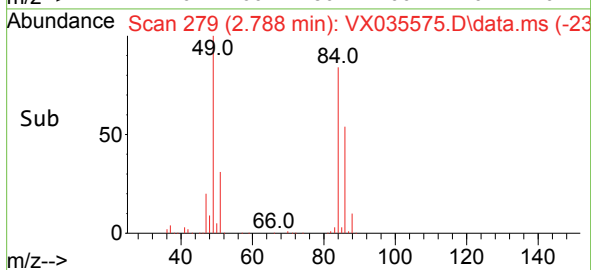
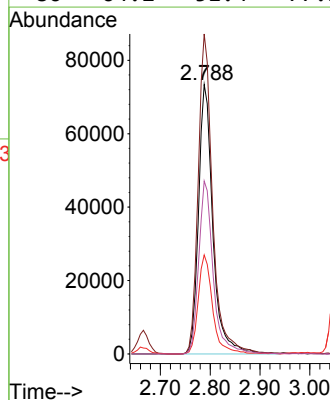
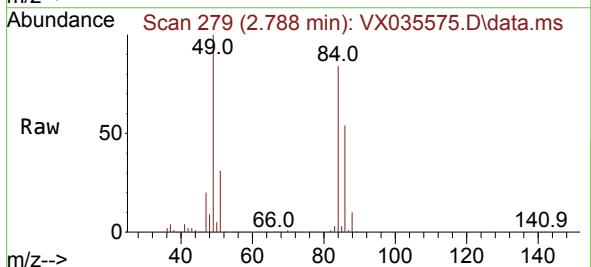
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

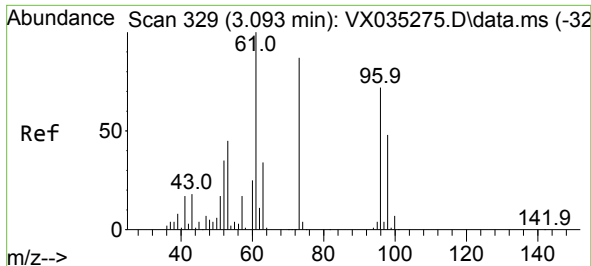
Tgt Ion: 73 Resp: 485579
Ion Ratio Lower Upper
73 100
57 21.3 18.5 27.7



#20
Methylene Chloride
Concen: 49.941 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX035575.D
Acq: 08 May 2023 21:05

Tgt Ion: 84 Resp: 147178
Ion Ratio Lower Upper
84 100
49 118.7 103.8 155.8
51 36.8 31.8 47.8
86 64.2 51.4 77.2

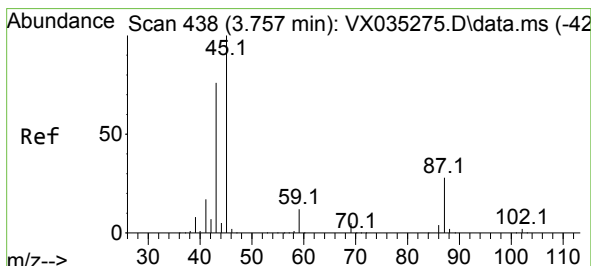
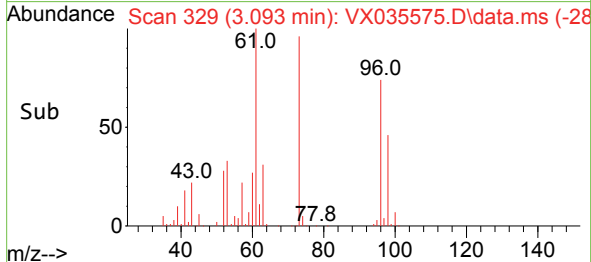
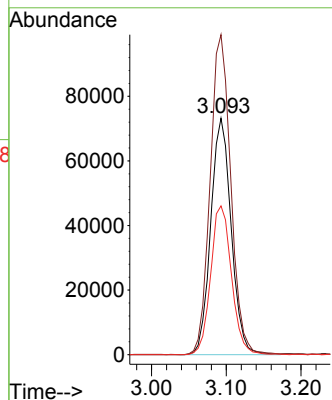
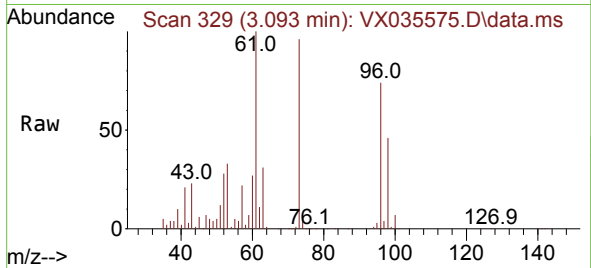




#21
trans-1,2-Dichloroethene
Concen: 53.858 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX035575.D
Acq: 08 May 2023 21:05

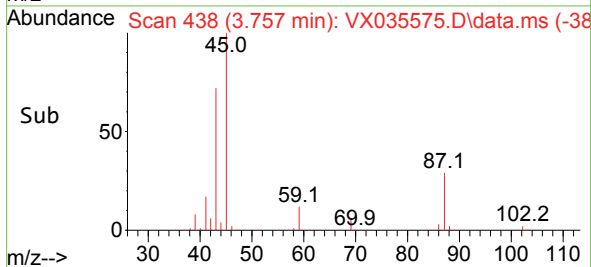
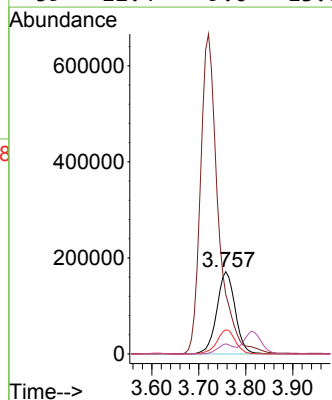
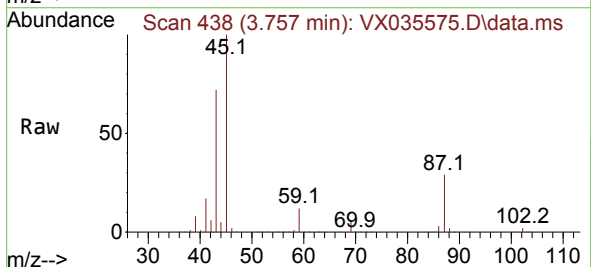
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

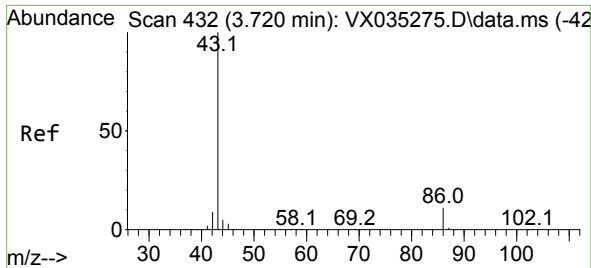
Tgt Ion: 96 Resp: 139353
Ion Ratio Lower Upper
96 100
61 135.4 113.0 169.6
98 62.9 52.1 78.1



#22
Diisopropyl ether
Concen: 55.950 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX035575.D
Acq: 08 May 2023 21:05

Tgt Ion: 45 Resp: 464186
Ion Ratio Lower Upper
45 100
43 72.1 65.4 98.2
87 29.2 20.6 31.0
59 12.4 9.0 13.6

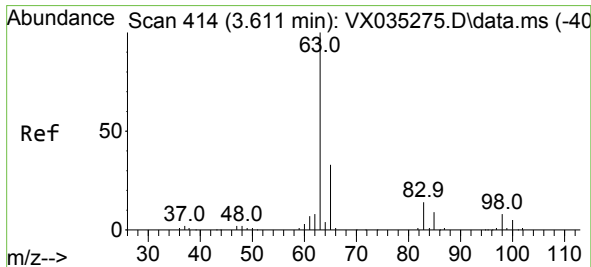
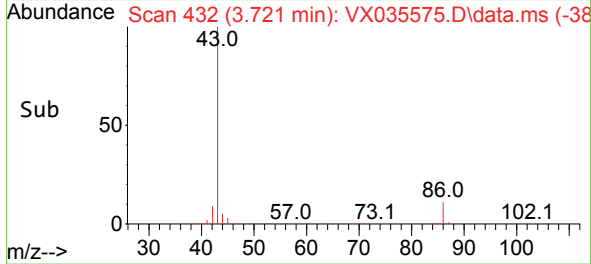
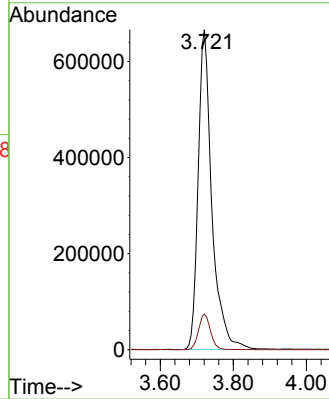
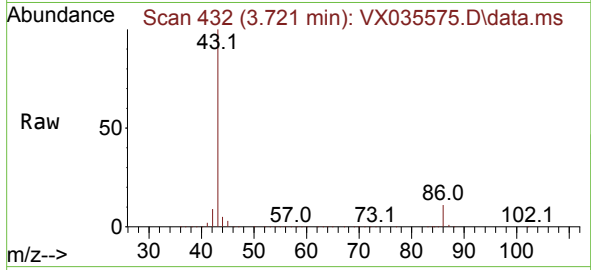




#23
 Vinyl Acetate
 Concen: 306.149 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.001 min
 Lab File: VX035575.D
 Acq: 08 May 2023 21:05

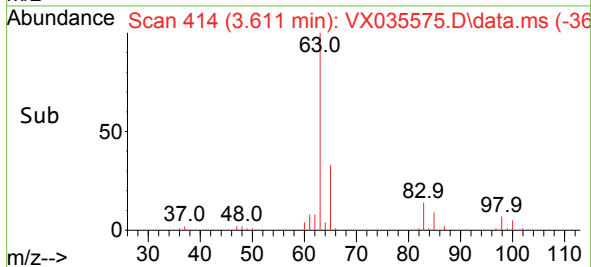
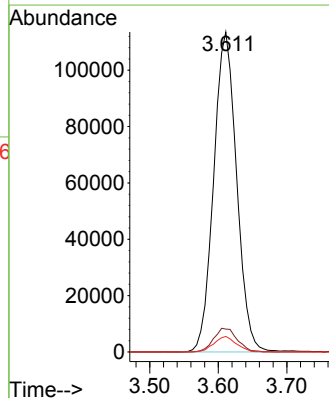
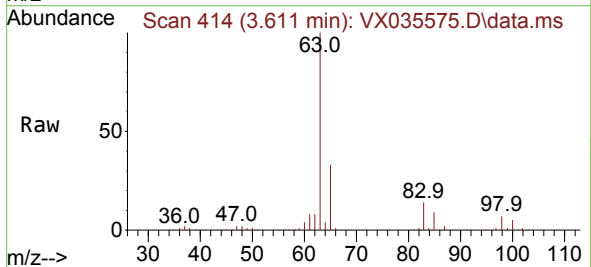
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

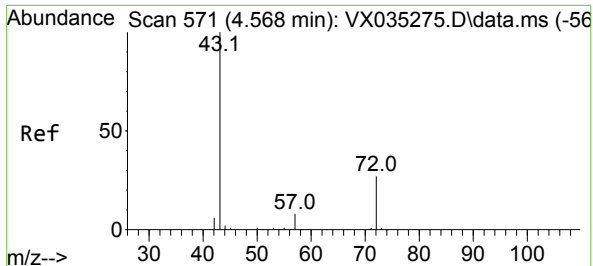
Tgt Ion: 43 Resp: 1745876
 Ion Ratio Lower Upper
 43 100
 86 11.2 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 56.374 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX035575.D
 Acq: 08 May 2023 21:05

Tgt Ion: 63 Resp: 263446
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.8 11.2
 100 4.8 2.4 7.1

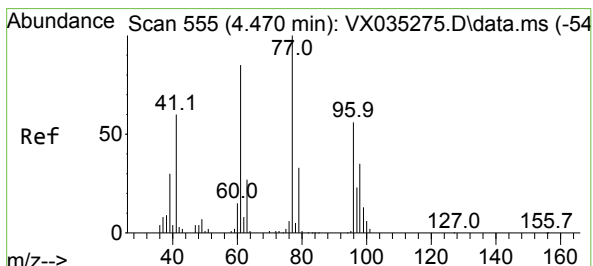
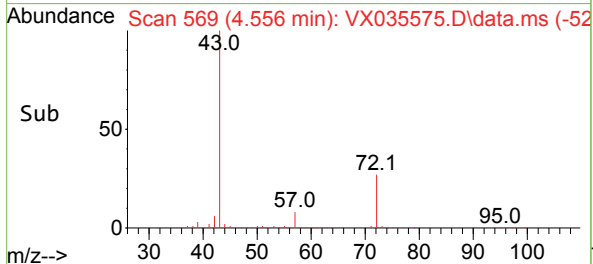
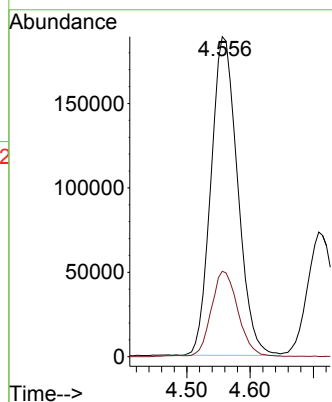
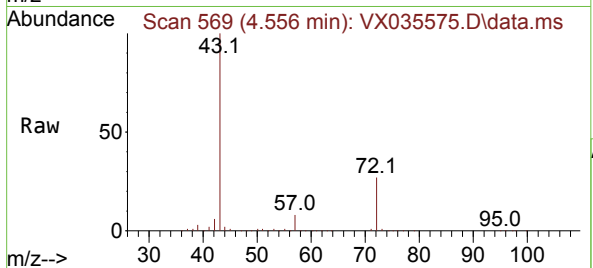




#25
2-Butanone
Concen: 294.062 ug/l
RT: 4.556 min Scan# 51
Delta R.T. -0.012 min
Lab File: VX035575.D
Acq: 08 May 2023 21:05

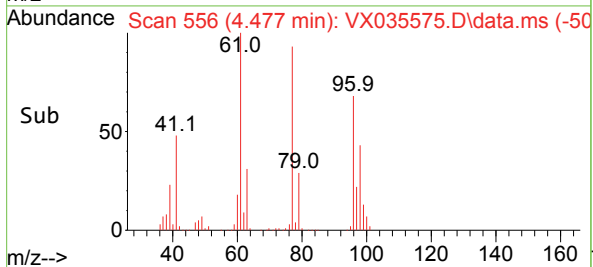
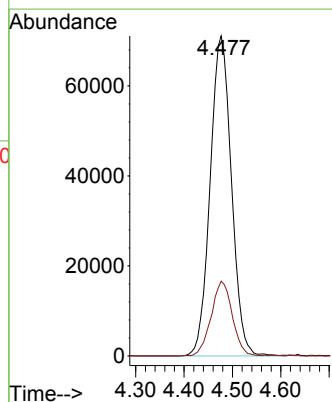
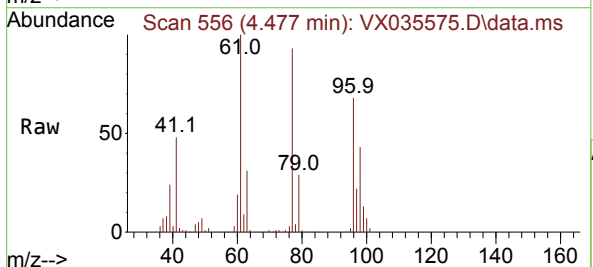
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

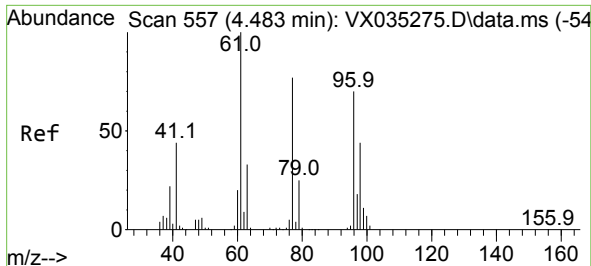
Tgt Ion: 43 Resp: 551647
Ion Ratio Lower Upper
43 100
72 26.6 19.3 28.9



#26
2,2-Dichloropropane
Concen: 59.352 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.007 min
Lab File: VX035575.D
Acq: 08 May 2023 21:05

Tgt Ion: 77 Resp: 217293
Ion Ratio Lower Upper
77 100
97 23.2 11.4 34.1

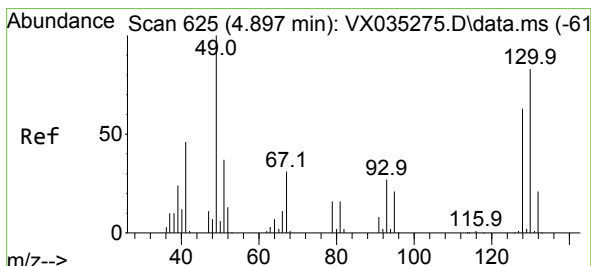
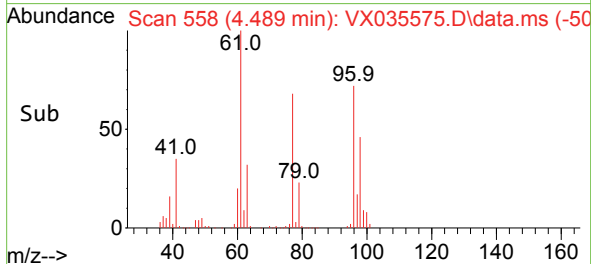
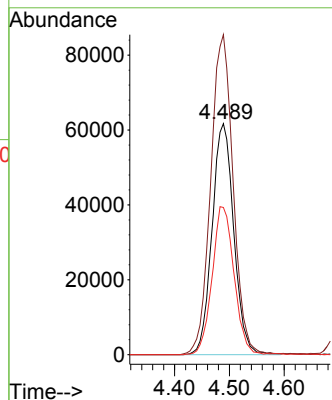
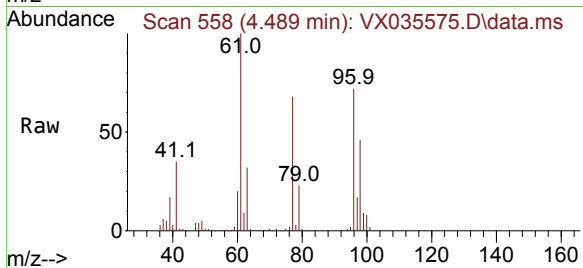




#27
 cis-1,2-Dichloroethene
 Concen: 55.684 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VX035575.D
 Acq: 08 May 2023 21:05

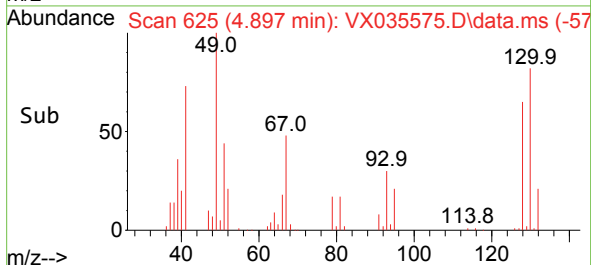
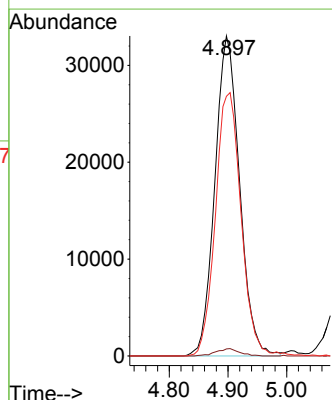
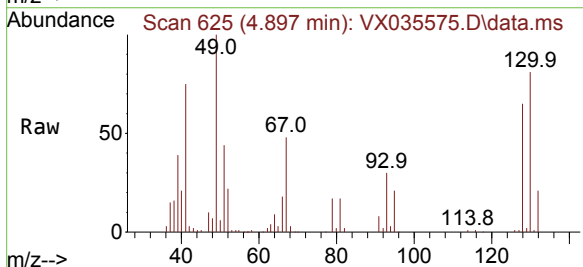
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

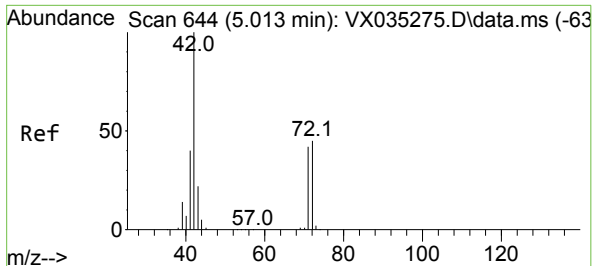
Tgt Ion: 96 Resp: 169359
 Ion Ratio Lower Upper
 96 100
 61 143.4 0.0 300.4
 98 64.9 0.0 129.0



#28
 Bromochloromethane
 Concen: 48.470 ug/l
 RT: 4.897 min Scan# 625
 Delta R.T. 0.000 min
 Lab File: VX035575.D
 Acq: 08 May 2023 21:05

Tgt Ion: 49 Resp: 96527
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.0
 130 85.0 58.2 87.2





#29

Tetrahydrofuran

Concen: 294.580 ug/l

RT: 5.007 min Scan# 644

Delta R.T. -0.006 min

Lab File: VX035575.D

Acq: 08 May 2023 21:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

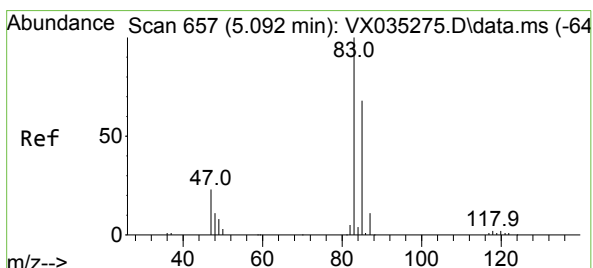
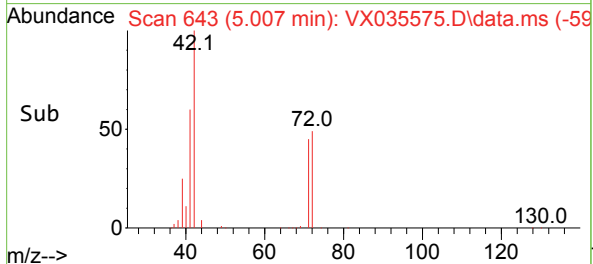
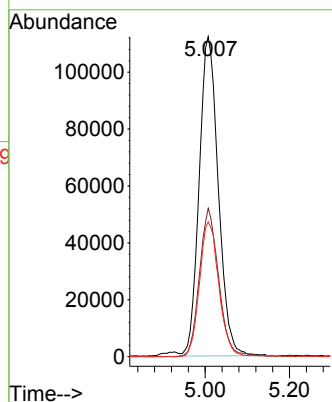
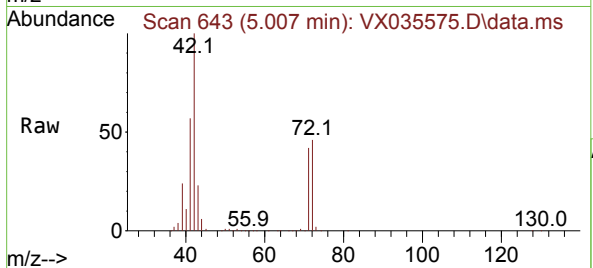
Tgt Ion: 42 Resp: 354255

Ion Ratio Lower Upper

42 100

72 46.5 34.5 51.7

71 42.6 32.1 48.1



#30

Chloroform

Concen: 59.235 ug/l

RT: 5.092 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX035575.D

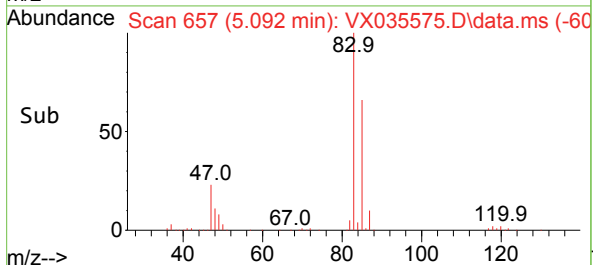
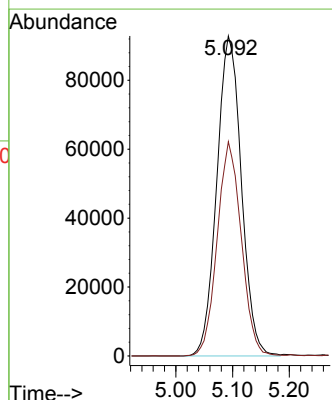
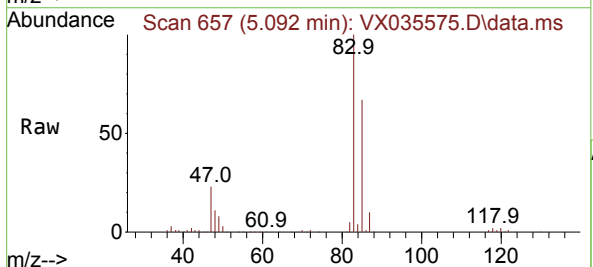
Acq: 08 May 2023 21:05

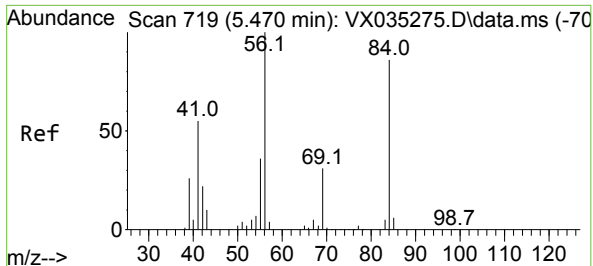
Tgt Ion: 83 Resp: 279444

Ion Ratio Lower Upper

83 100

85 67.0 50.6 76.0

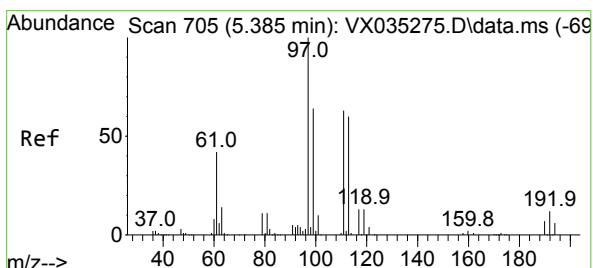
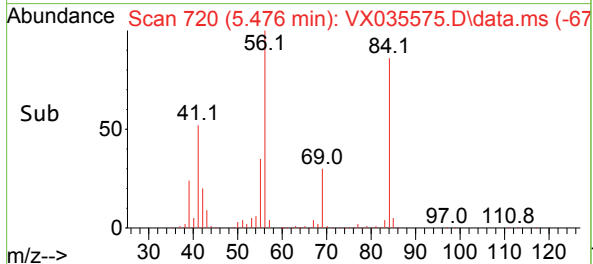
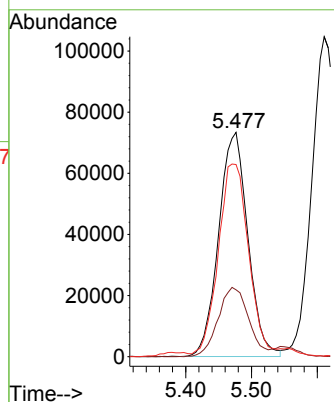
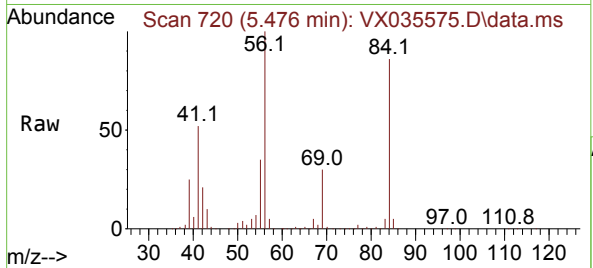




#31
Cyclohexane
Concen: 53.940 ug/l
RT: 5.476 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX035575.D
Acq: 08 May 2023 21:05

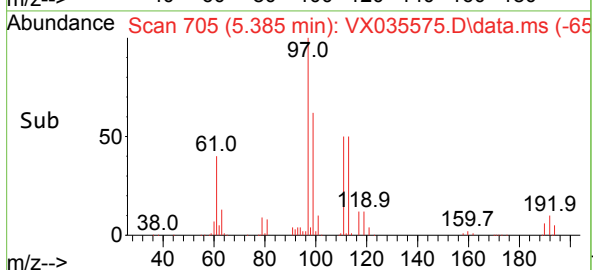
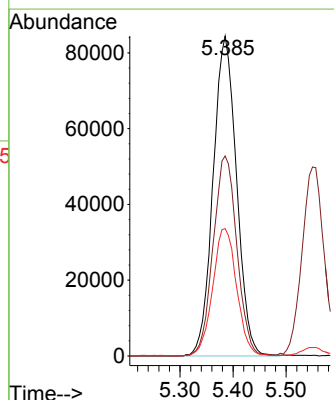
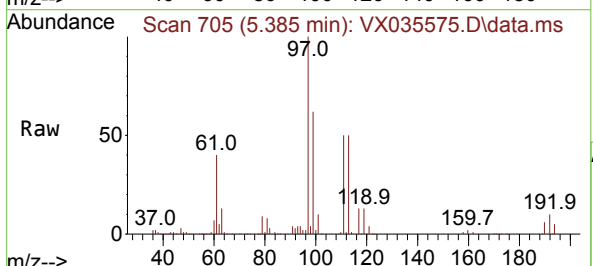
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

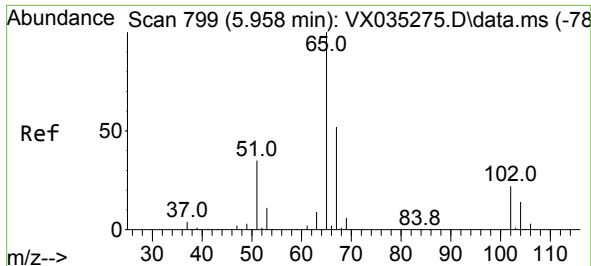
Tgt Ion: 56 Resp: 226432
Ion Ratio Lower Upper
56 100
69 29.8 23.7 35.5
84 84.1 68.5 102.7



#32
1,1,1-Trichloroethane
Concen: 62.720 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035575.D
Acq: 08 May 2023 21:05

Tgt Ion: 97 Resp: 259306
Ion Ratio Lower Upper
97 100
99 63.4 51.1 76.7
61 40.8 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 50.550 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX035575.D

Acq: 08 May 2023 21:05

Instrument :

MSVOA_X

ClientSampleId :

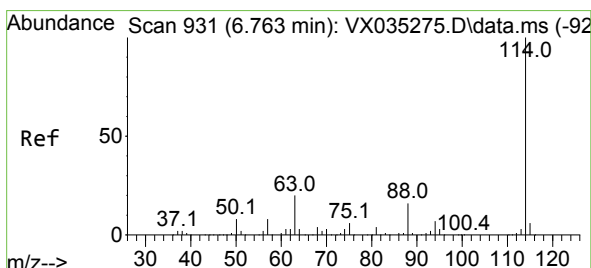
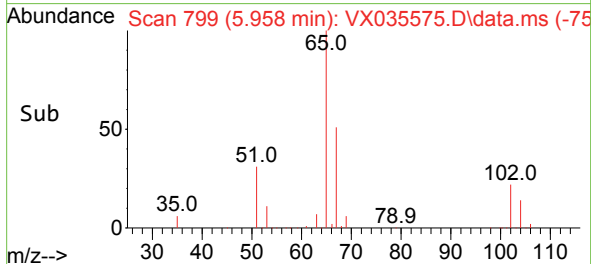
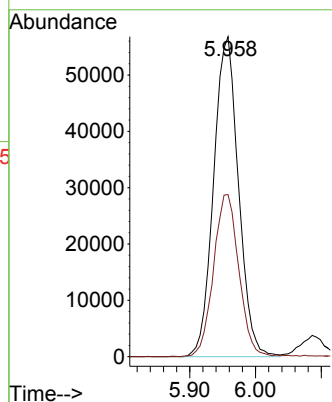
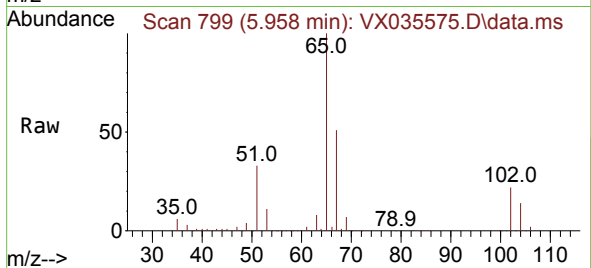
VSTDCCC050EC

Tgt Ion: 65 Resp: 149589

Ion Ratio Lower Upper

65 100

67 51.6 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: VX035575.D

Acq: 08 May 2023 21:05

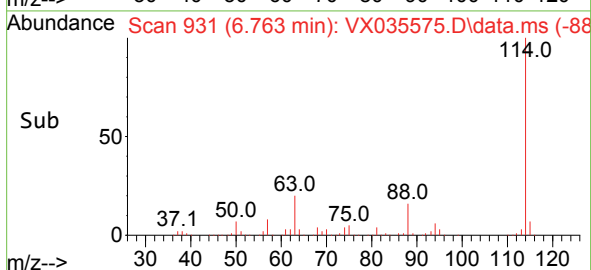
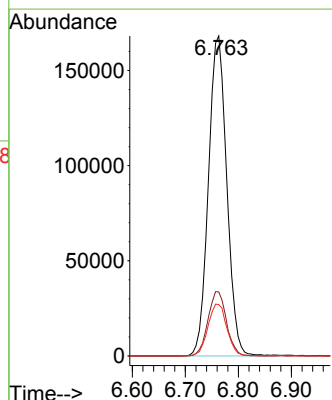
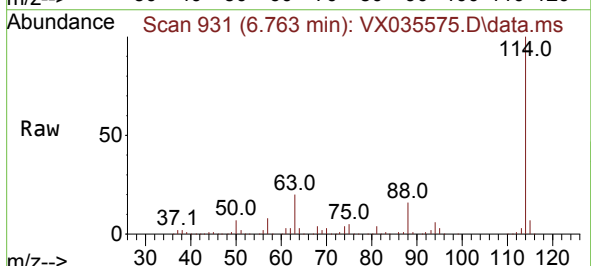
Tgt Ion: 114 Resp: 404120

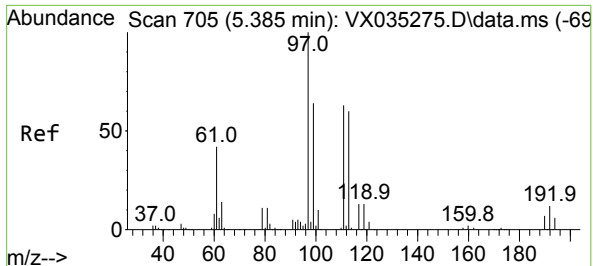
Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.2

88 16.1 0.0 33.2

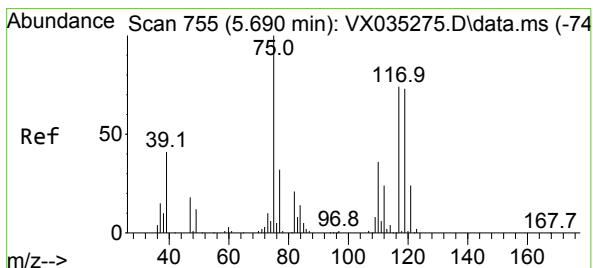
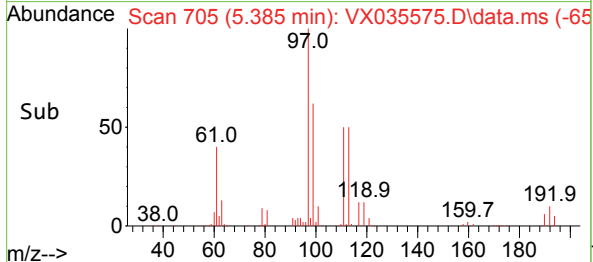
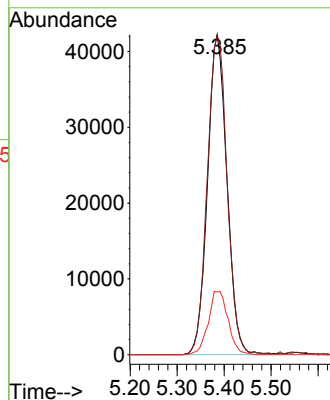
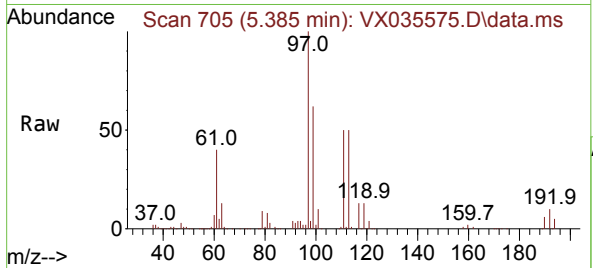




#35
Dibromofluoromethane
Concen: 48.860 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035575.D
Acq: 08 May 2023 21:05

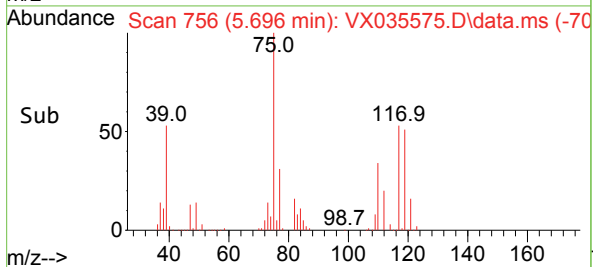
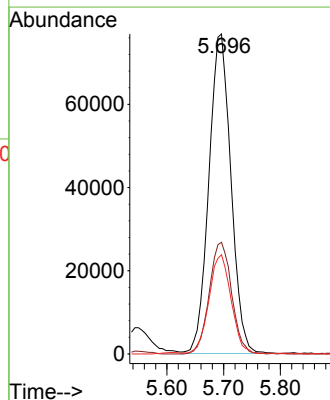
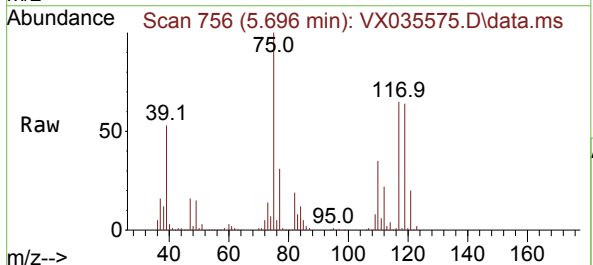
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

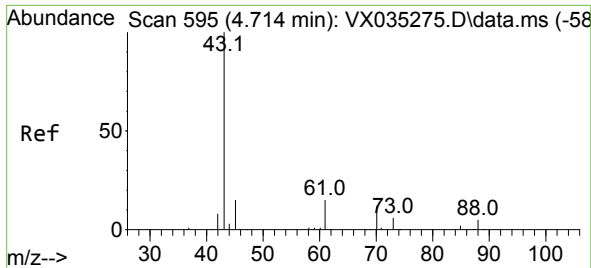
Tgt Ion:113 Resp: 121192
Ion Ratio Lower Upper
113 100
111 102.1 83.7 125.5
192 20.2 15.4 23.2



#36
1,1-Dichloropropene
Concen: 53.618 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX035575.D
Acq: 08 May 2023 21:05

Tgt Ion: 75 Resp: 207661
Ion Ratio Lower Upper
75 100
110 35.4 17.5 52.5
77 31.0 24.3 36.5





#37

Ethyl Acetate

Concen: 61.256 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX035575.D

Acq: 08 May 2023 21:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

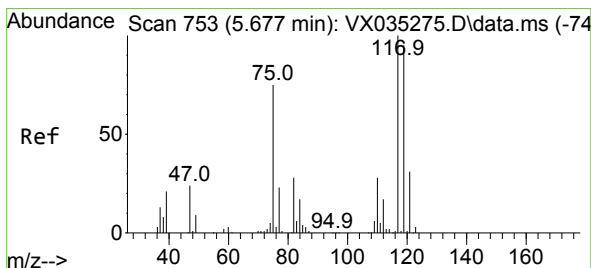
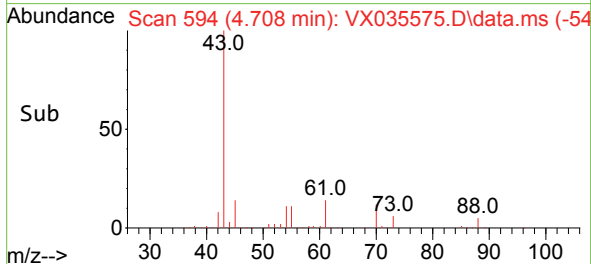
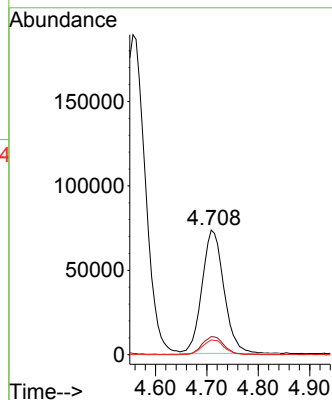
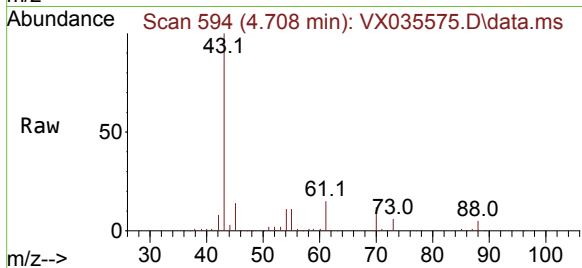
Tgt Ion: 43 Resp: 216682

Ion Ratio Lower Upper

43 100

61 14.4 10.2 15.4

70 11.9 8.2 12.4



#38

Carbon Tetrachloride

Concen: 59.295 ug/l

RT: 5.678 min Scan# 753

Delta R.T. 0.001 min

Lab File: VX035575.D

Acq: 08 May 2023 21:05

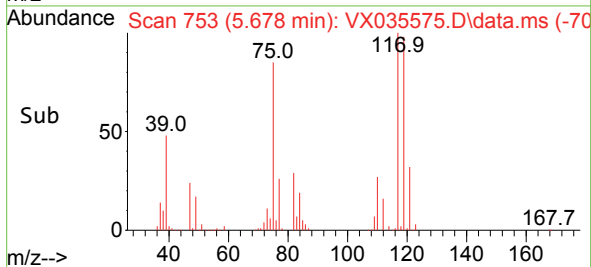
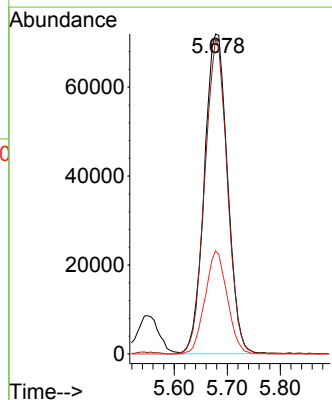
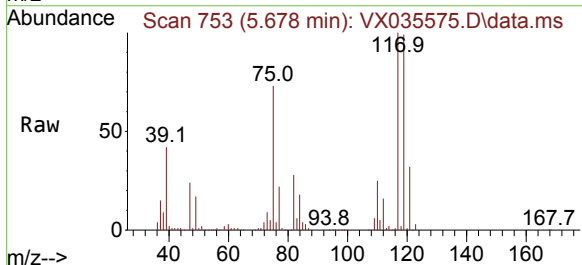
Tgt Ion:117 Resp: 218005

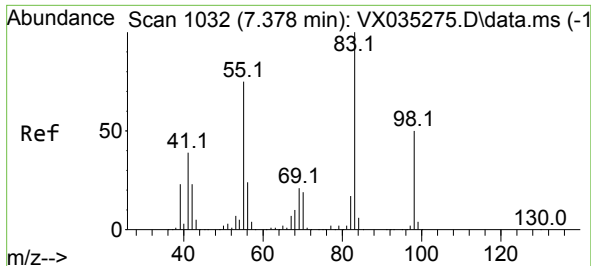
Ion Ratio Lower Upper

117 100

119 98.5 76.6 114.8

121 32.2 23.8 35.6

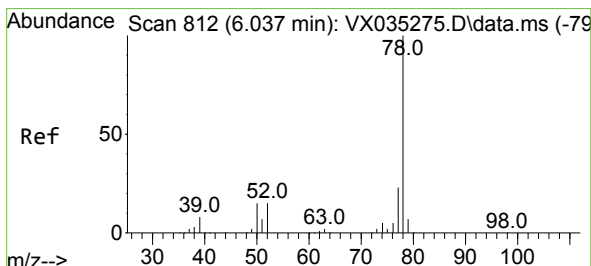
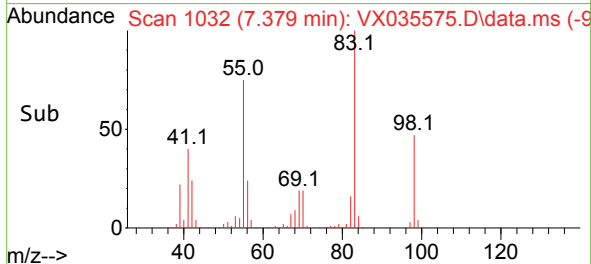
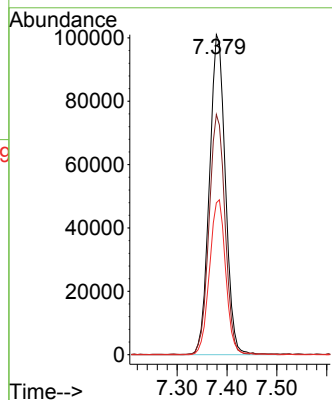
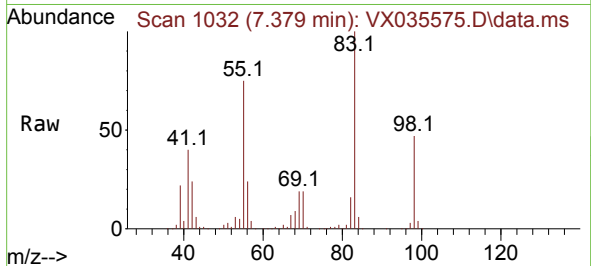




#39
Methylcyclohexane
Concen: 47.564 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.001 min
Lab File: VX035575.D
Acq: 08 May 2023 21:05

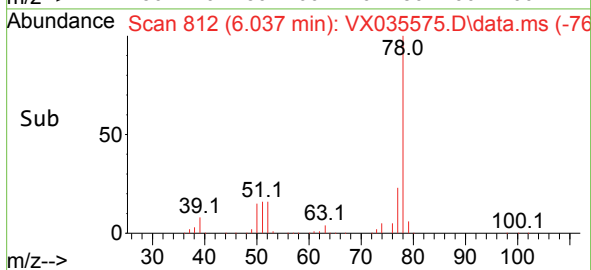
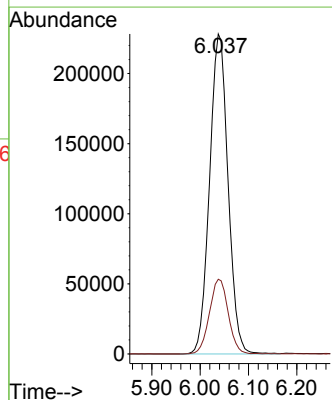
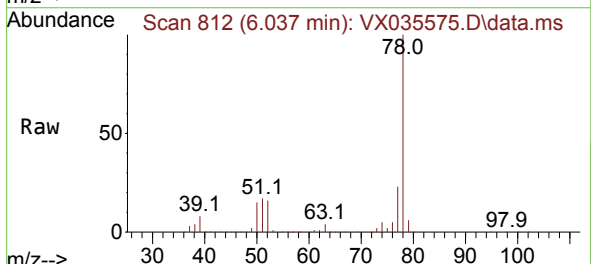
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

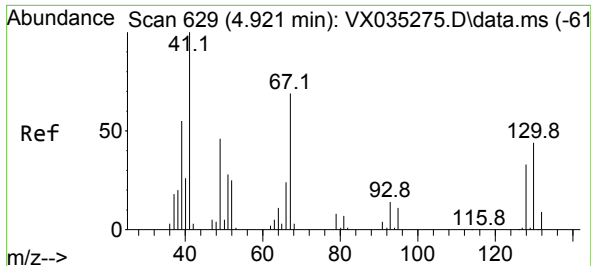
Tgt Ion: 83 Resp: 224234
Ion Ratio Lower Upper
83 100
55 75.0 60.5 90.7
98 47.4 40.4 60.6



#40
Benzene
Concen: 54.476 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX035575.D
Acq: 08 May 2023 21:05

Tgt Ion: 78 Resp: 605241
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.4



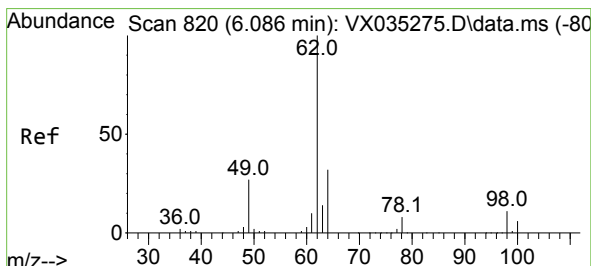
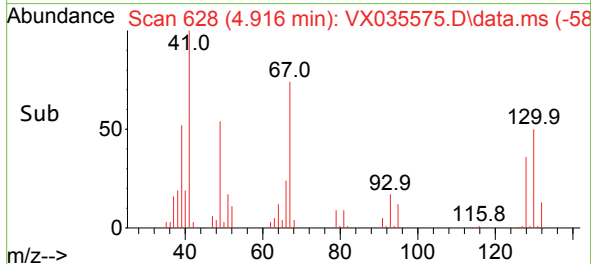
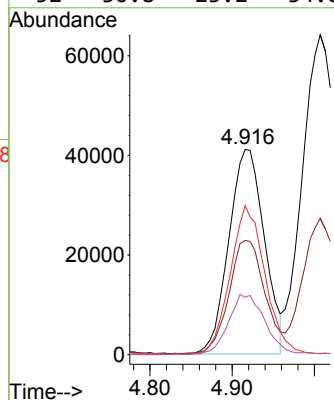
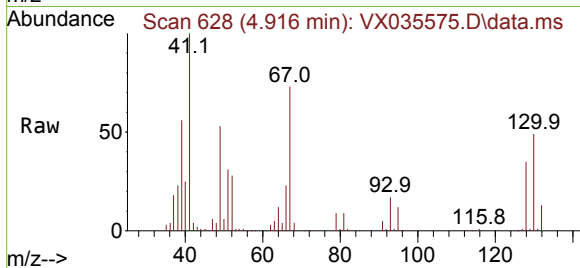


#41
Methacrylonitrile
Concen: 61.008 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.005 min
Lab File: VX035575.D
Acq: 08 May 2023 21:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 123656

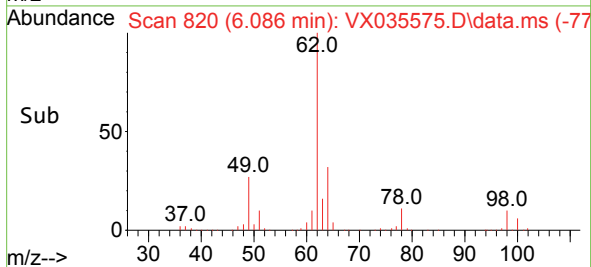
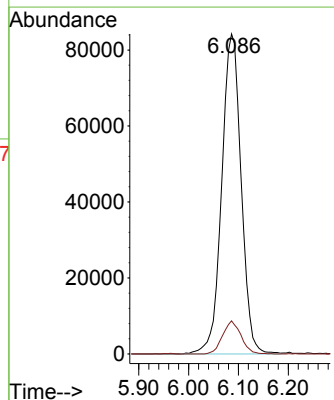
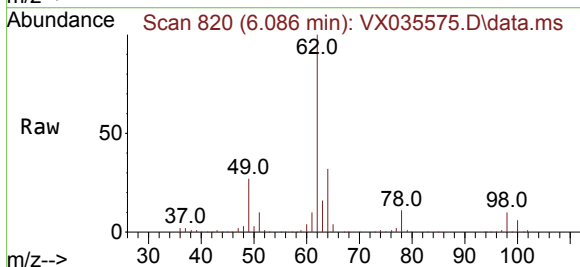
Ion	Ratio	Lower	Upper
41	100		
39	56.4	45.0	67.6
67	71.6	55.6	83.4
52	30.8	23.2	34.8

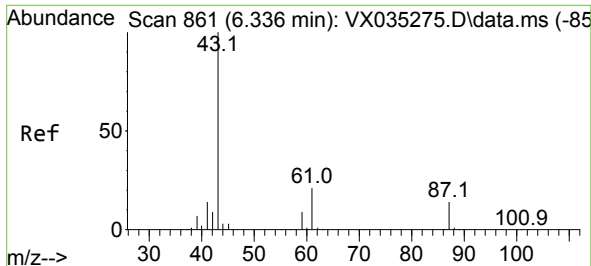


#42
1,2-Dichloroethane
Concen: 57.567 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX035575.D
Acq: 08 May 2023 21:05

Tgt Ion: 62 Resp: 228041

Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	18.0

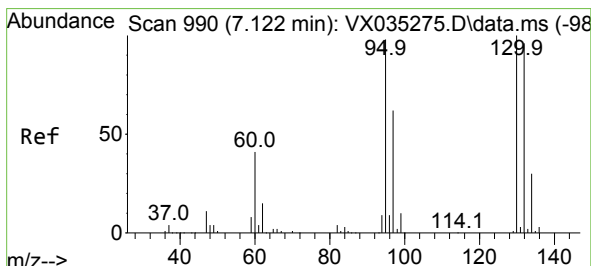
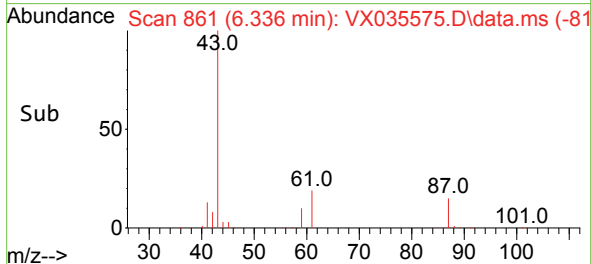
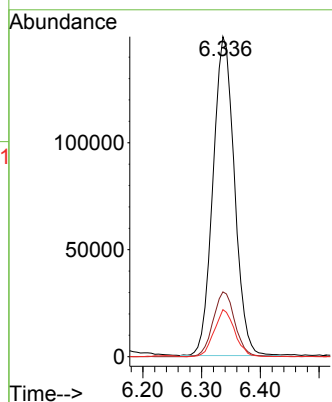
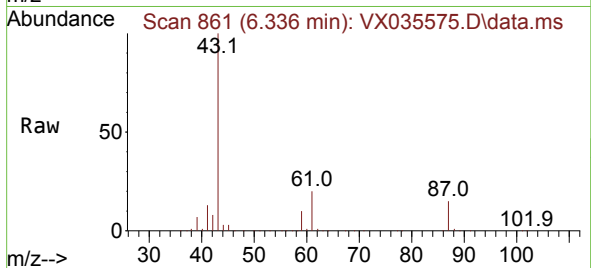




#43
Isopropyl Acetate
Concen: 63.620 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX035575.D
Acq: 08 May 2023 21:05

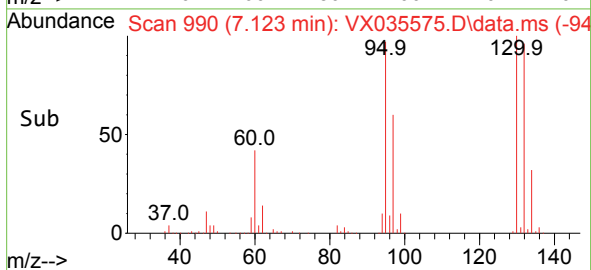
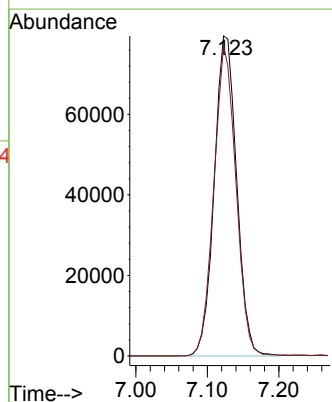
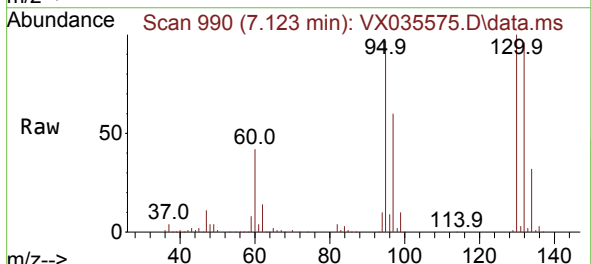
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

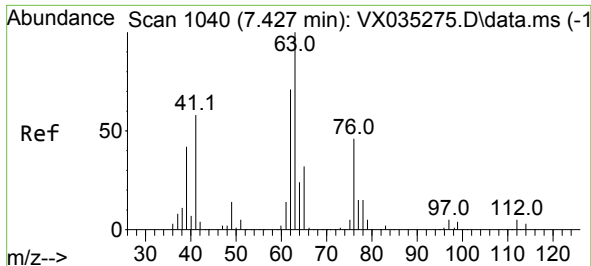
Tgt Ion: 43 Resp: 378142
Ion Ratio Lower Upper
43 100
61 20.7 15.2 22.8
87 14.2 9.8 14.8



#44
Trichloroethene
Concen: 56.526 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.001 min
Lab File: VX035575.D
Acq: 08 May 2023 21:05

Tgt Ion:130 Resp: 173007
Ion Ratio Lower Upper
130 100
95 96.9 0.0 198.4

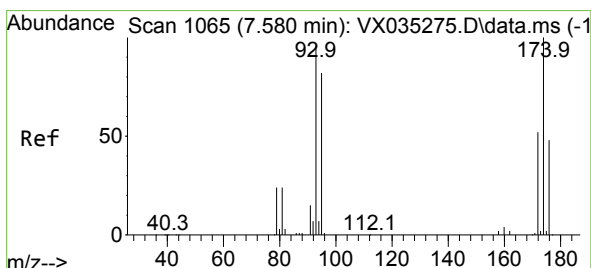
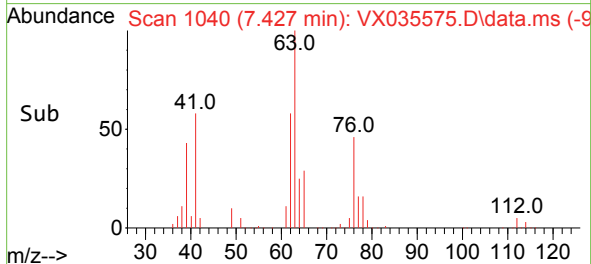
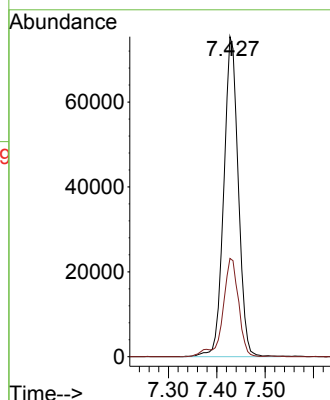
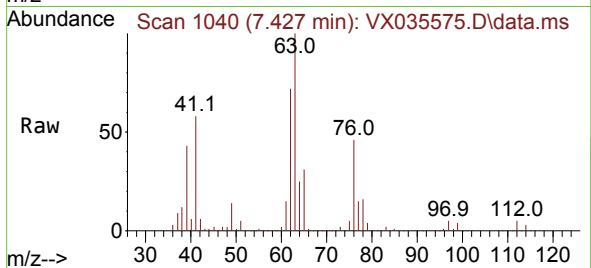




#45
1,2-Dichloropropane
Concen: 56.165 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX035575.D
Acq: 08 May 2023 21:05

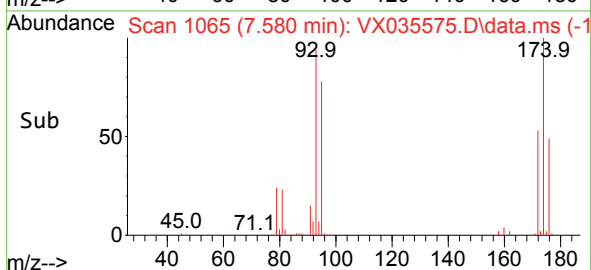
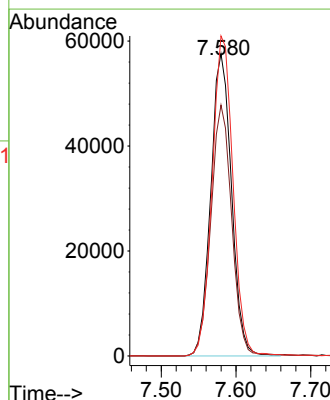
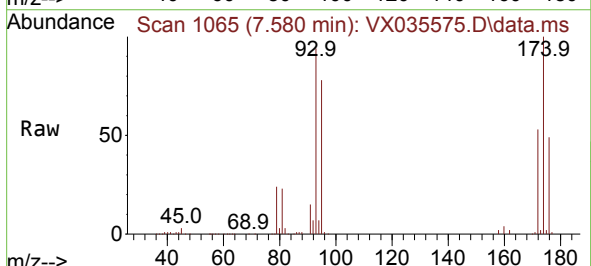
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

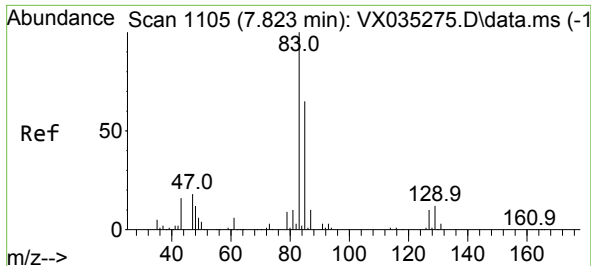
Tgt Ion: 63 Resp: 157320
Ion Ratio Lower Upper
63 100
65 30.7 24.6 37.0



#46
Dibromomethane
Concen: 57.793 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX035575.D
Acq: 08 May 2023 21:05

Tgt Ion: 93 Resp: 111165
Ion Ratio Lower Upper
93 100
95 83.5 66.9 100.3
174 107.0 75.4 113.0

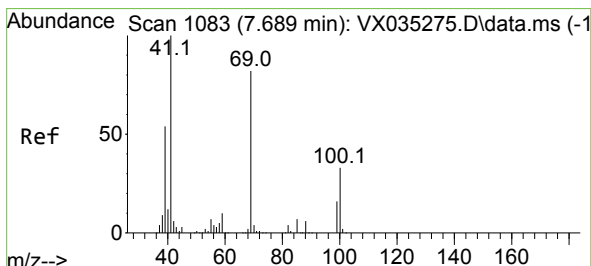
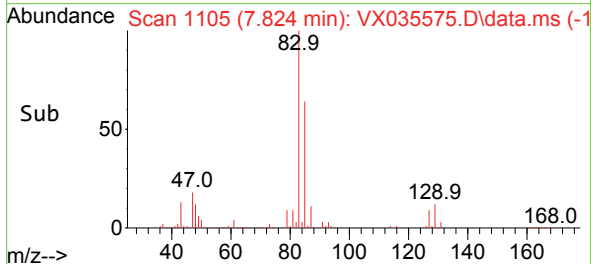
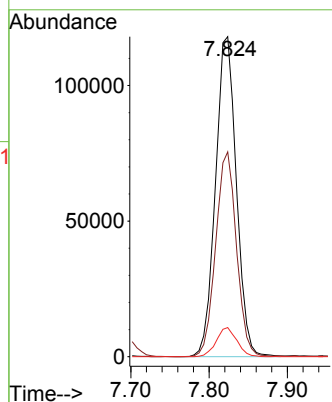
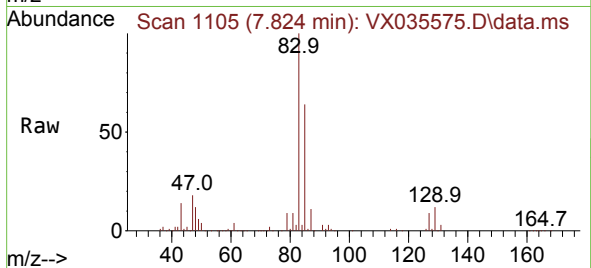




#47
Bromodichloromethane
Concen: 61.818 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.001 min
Lab File: VX035575.D
Acq: 08 May 2023 21:05

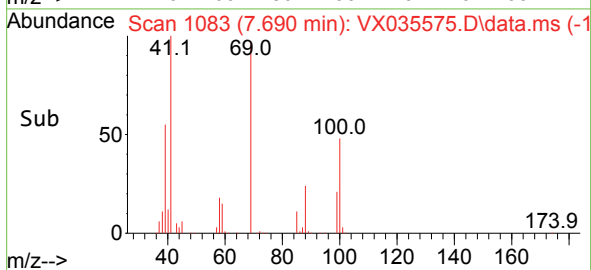
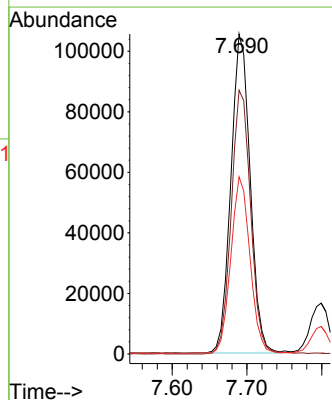
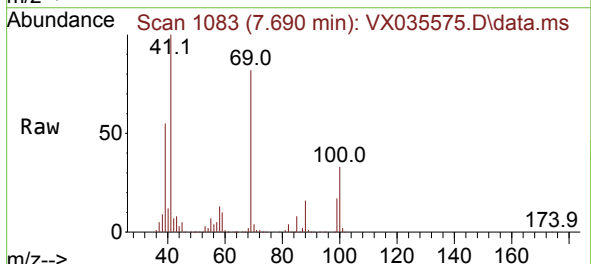
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

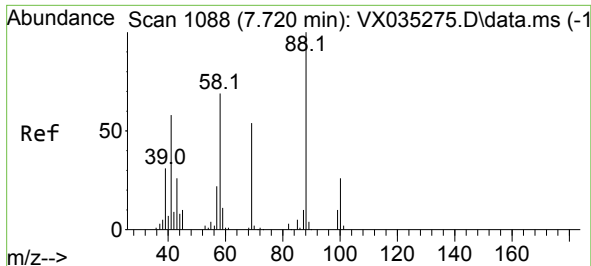
Tgt Ion: 83 Resp: 219080
Ion Ratio Lower Upper
83 100
85 64.0 52.2 78.4
127 9.1 6.6 9.8



#48
Methyl methacrylate
Concen: 64.850 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.001 min
Lab File: VX035575.D
Acq: 08 May 2023 21:05

Tgt Ion: 41 Resp: 189076
Ion Ratio Lower Upper
41 100
69 83.7 62.2 93.4
39 54.8 47.7 71.5





#49

1,4-Dioxane

Concen: 917.113 ug/l

RT: 7.702 min Scan# 1088

Delta R.T. -0.018 min

Lab File: VX035575.D

Acq: 08 May 2023 21:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

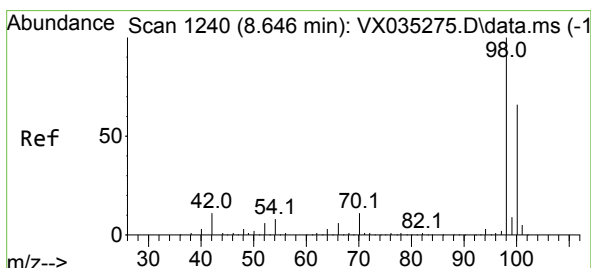
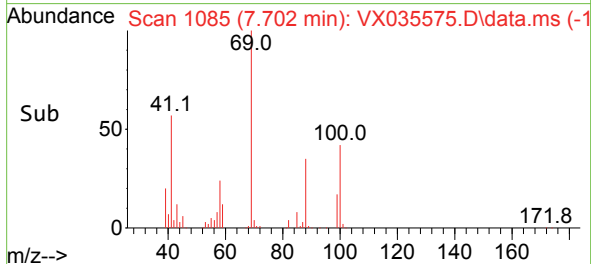
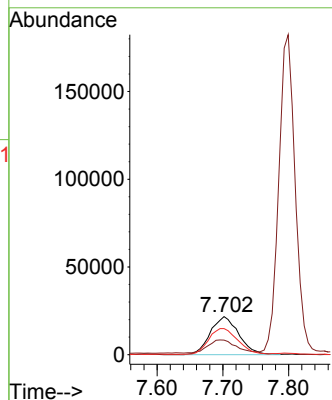
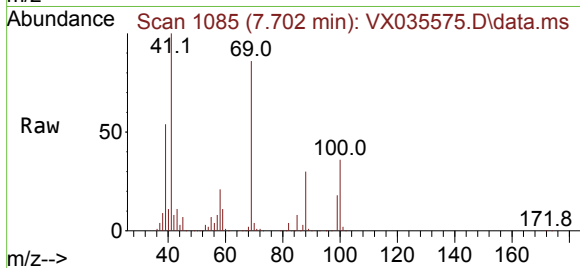
Tgt Ion: 88 Resp: 65178

Ion Ratio Lower Upper

88 100

43 34.2 27.7 41.5

58 70.0 56.8 85.2



#50

Toluene-d8

Concen: 46.895 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.001 min

Lab File: VX035575.D

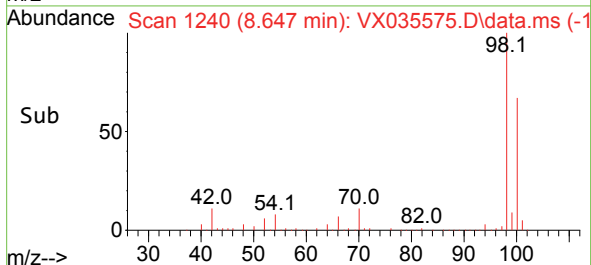
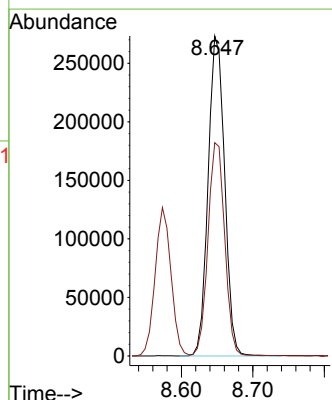
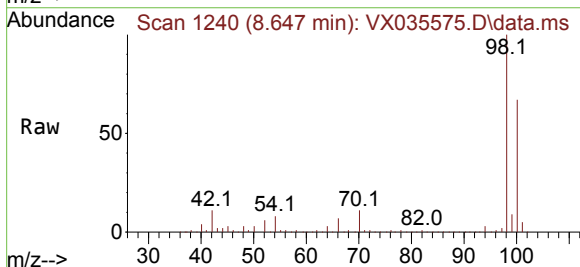
Acq: 08 May 2023 21:05

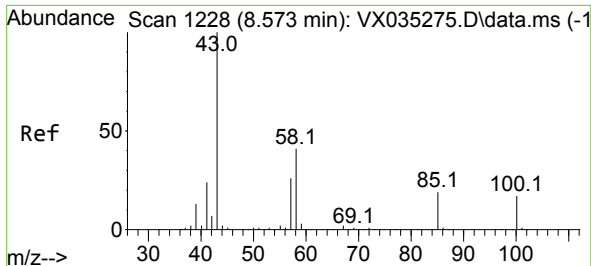
Tgt Ion: 98 Resp: 438788

Ion Ratio Lower Upper

98 100

100 67.5 52.5 78.7

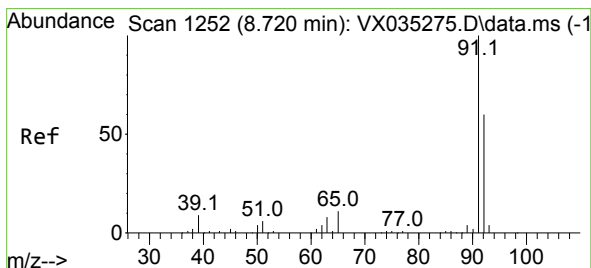
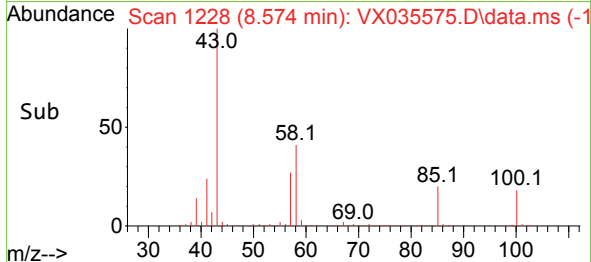
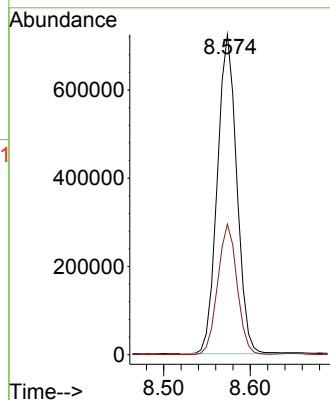
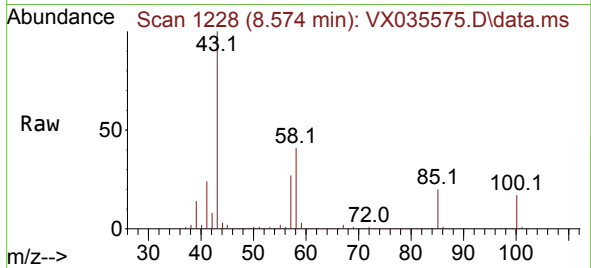




#51
4-Methyl-2-Pentanone
Concen: 309.096 ug/l
RT: 8.574 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX035575.D
Acq: 08 May 2023 21:05

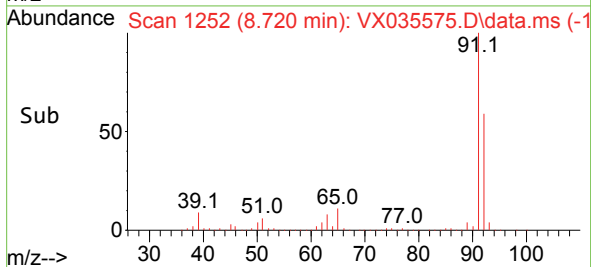
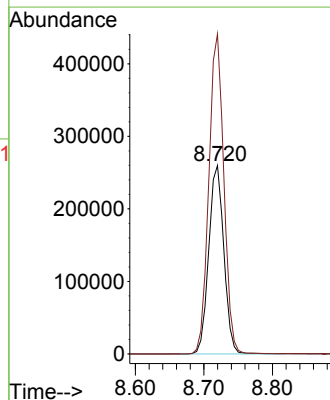
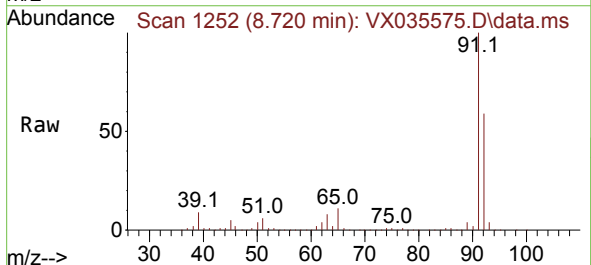
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

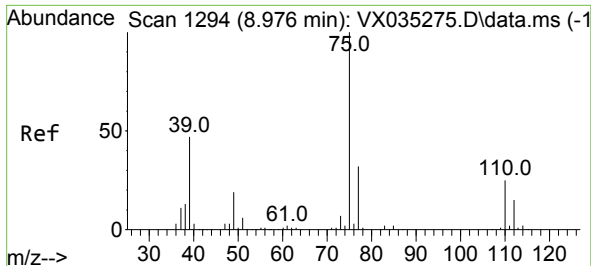
Tgt Ion: 43 Resp: 1128716
Ion Ratio Lower Upper
43 100
58 40.6 30.6 46.0



#52
Toluene
Concen: 56.572 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX035575.D
Acq: 08 May 2023 21:05

Tgt Ion: 92 Resp: 398408
Ion Ratio Lower Upper
92 100
91 168.9 136.8 205.2

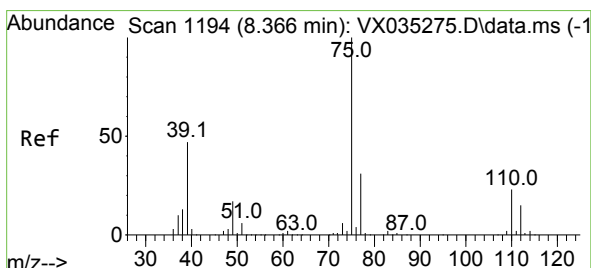
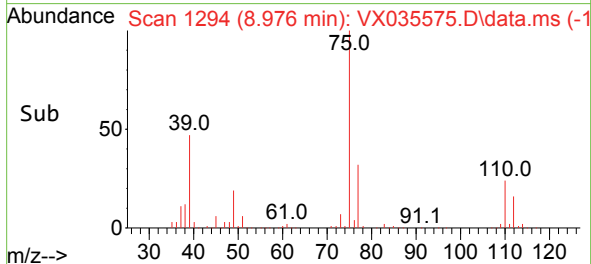
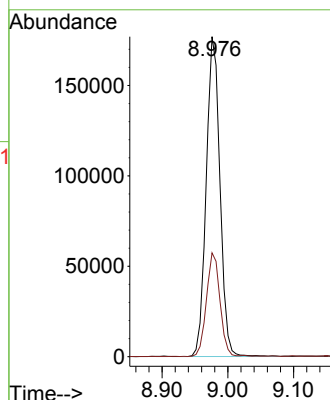
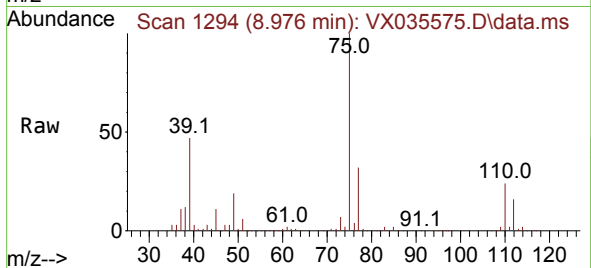




#53
t-1,3-Dichloropropene
Concen: 69.486 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX035575.D
Acq: 08 May 2023 21:05

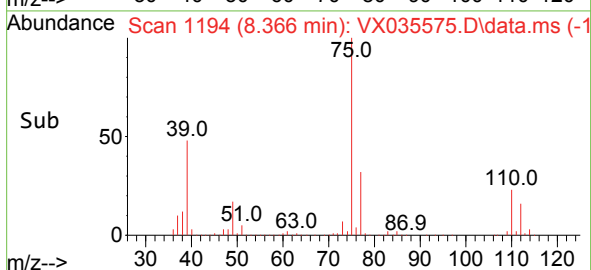
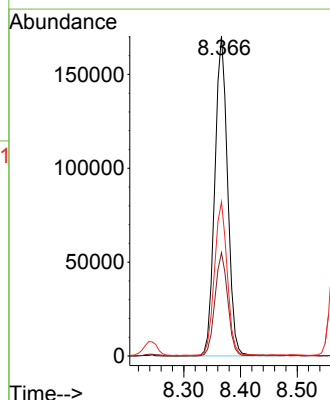
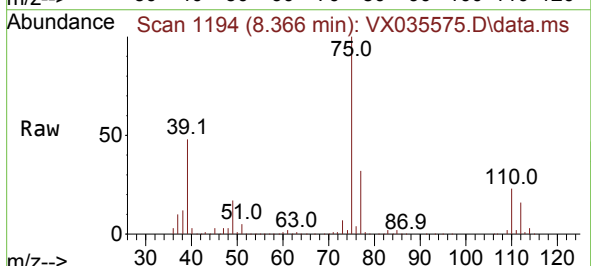
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

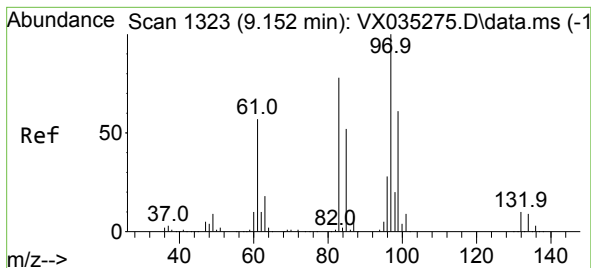
Tgt Ion: 75 Resp: 257175
Ion Ratio Lower Upper
75 100
77 32.4 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 63.958 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX035575.D
Acq: 08 May 2023 21:05

Tgt Ion: 75 Resp: 267557
Ion Ratio Lower Upper
75 100
77 32.2 25.0 37.4
39 48.0 44.6 66.8





#55

1,1,2-Trichloroethane

Concen: 58.177 ug/l

RT: 9.153 min Scan# 1

Delta R.T. 0.001 min

Lab File: VX035575.D

Acq: 08 May 2023 21:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 163330

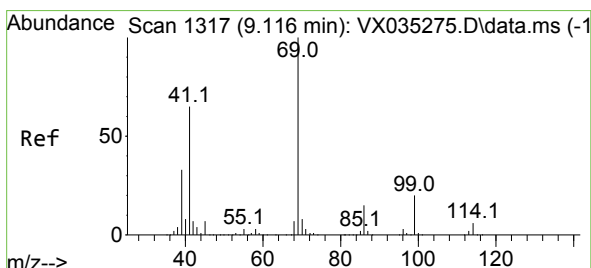
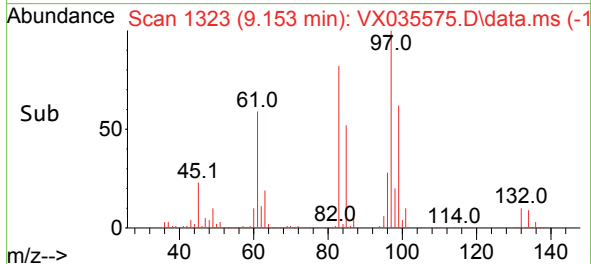
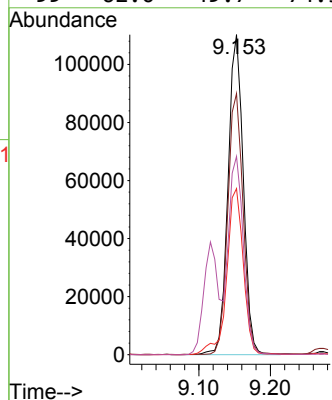
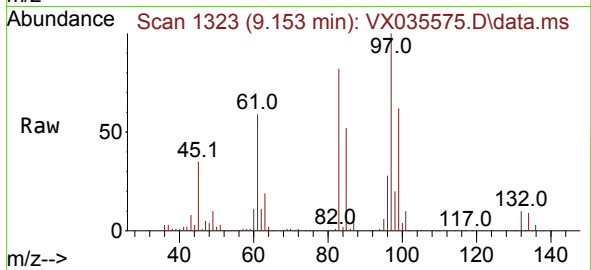
Ion Ratio Lower Upper

97 100

83 81.5 69.7 104.5

85 51.9 43.7 65.5

99 62.0 49.7 74.5



#56

Ethyl methacrylate

Concen: 64.236 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX035575.D

Acq: 08 May 2023 21:05

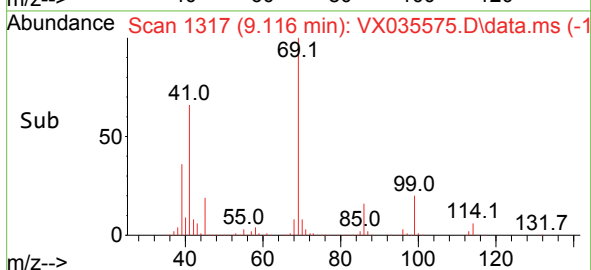
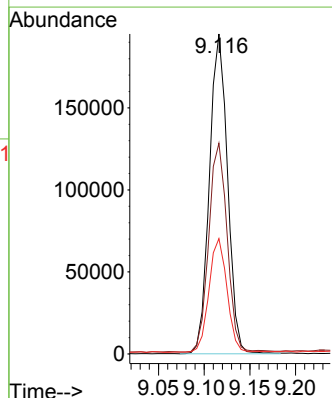
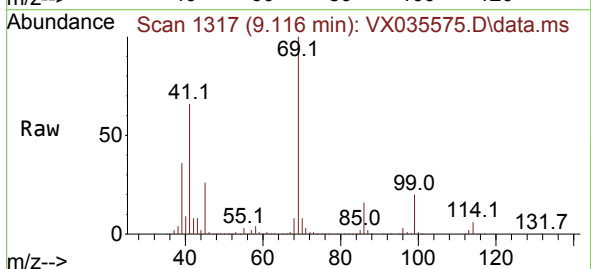
Tgt Ion: 69 Resp: 268648

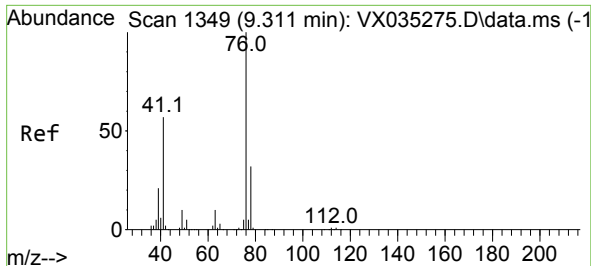
Ion Ratio Lower Upper

69 100

41 66.4 57.4 86.0

39 35.5 33.7 50.5





#57

1,3-Dichloropropane

Concen: 57.014 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX035575.D

Acq: 08 May 2023 21:05

Instrument :

MSVOA_X

ClientSampleId :

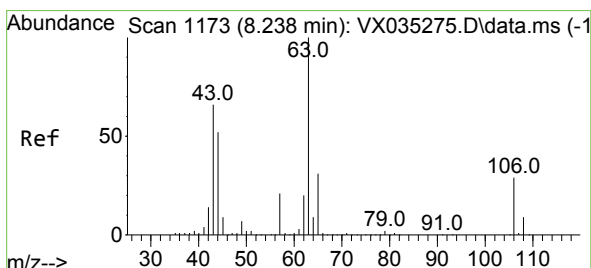
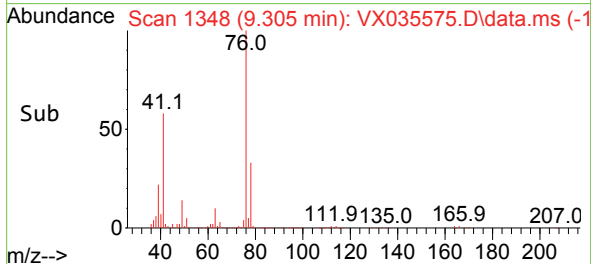
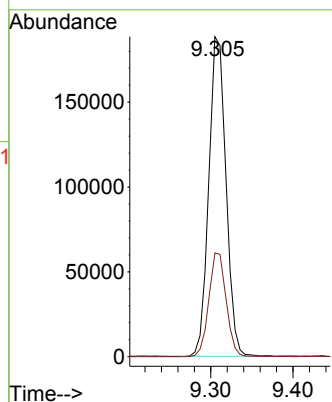
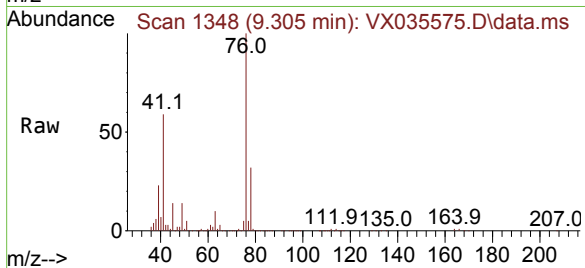
VSTDCCC050EC

Tgt Ion: 76 Resp: 273777

Ion Ratio Lower Upper

76 100

78 32.8 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 290.858 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX035575.D

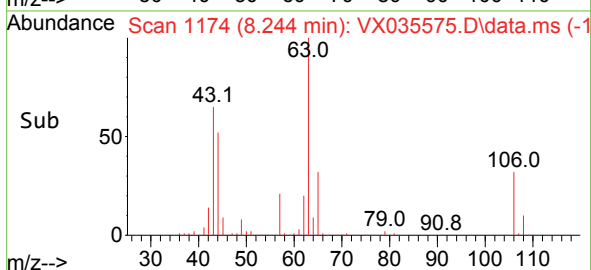
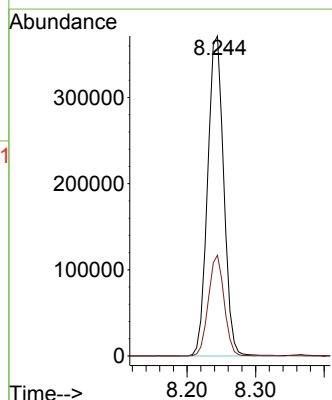
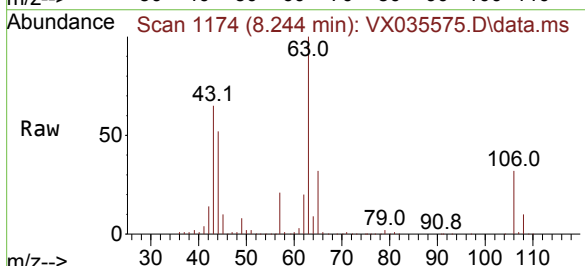
Acq: 08 May 2023 21:05

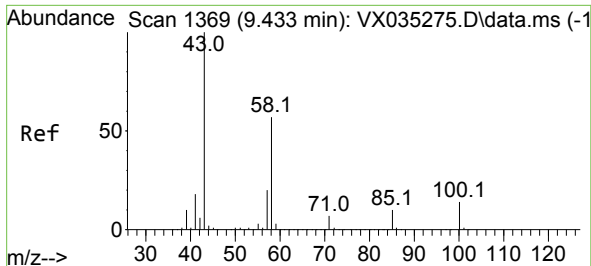
Tgt Ion: 63 Resp: 608231

Ion Ratio Lower Upper

63 100

106 30.8 22.2 33.2

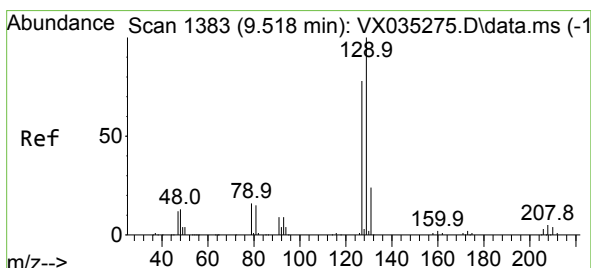
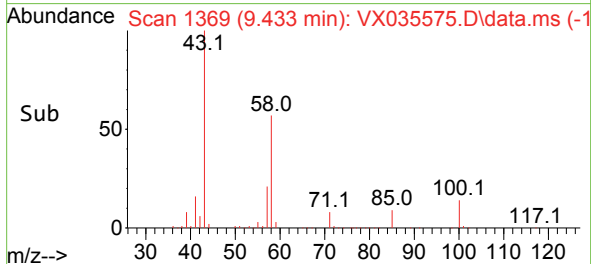
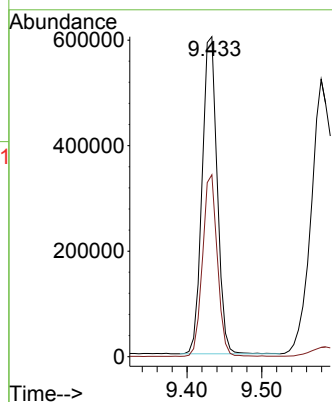
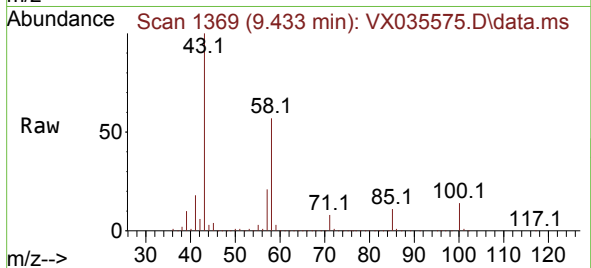




#59
2-Hexanone
Concen: 306.662 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX035575.D
Acq: 08 May 2023 21:05

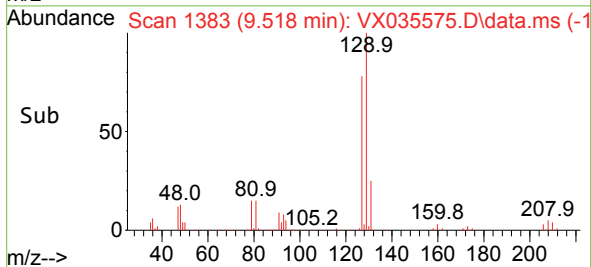
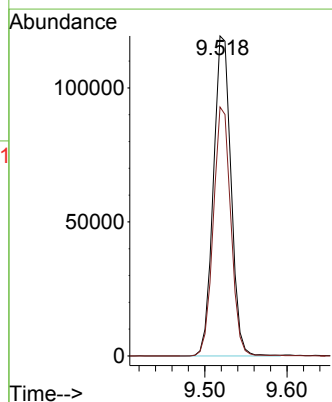
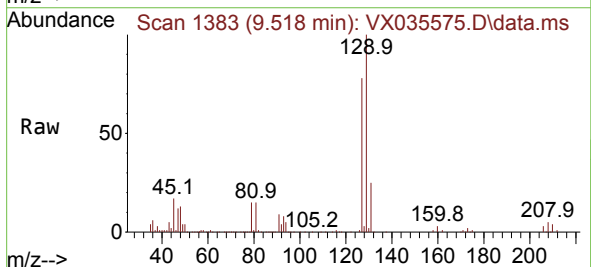
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

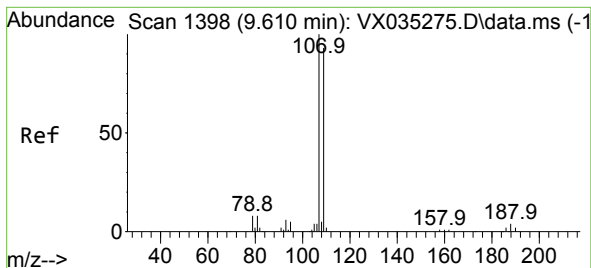
Tgt Ion: 43 Resp: 841267
Ion Ratio Lower Upper
43 100
58 56.4 26.3 78.9



#60
Dibromochloromethane
Concen: 65.971 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX035575.D
Acq: 08 May 2023 21:05

Tgt Ion: 129 Resp: 177454
Ion Ratio Lower Upper
129 100
127 77.2 39.0 117.0

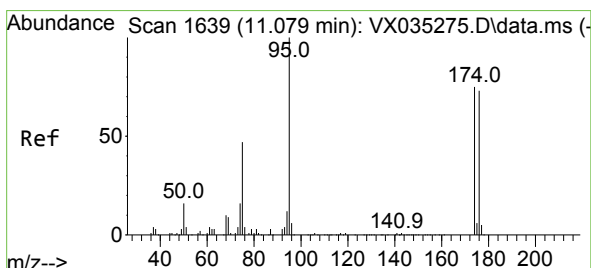
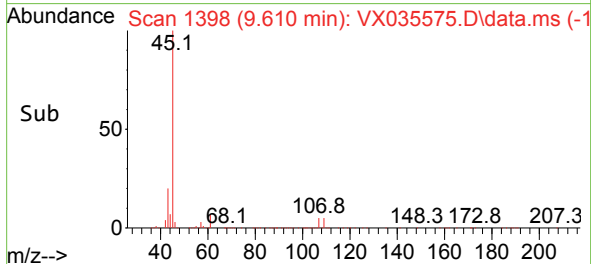
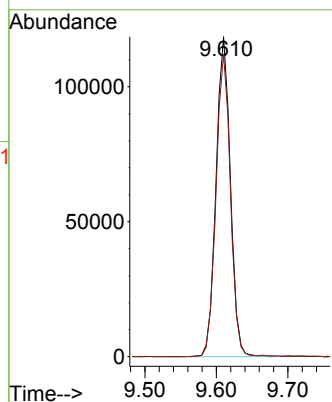
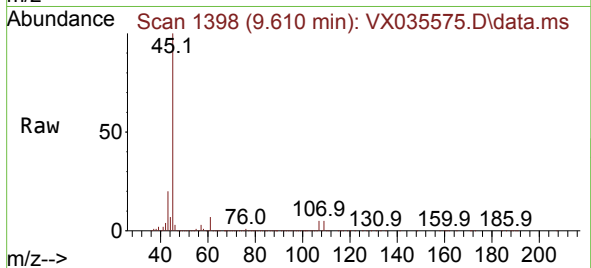




#61
1,2-Dibromoethane
Concen: 57.230 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX035575.D
Acq: 08 May 2023 21:05

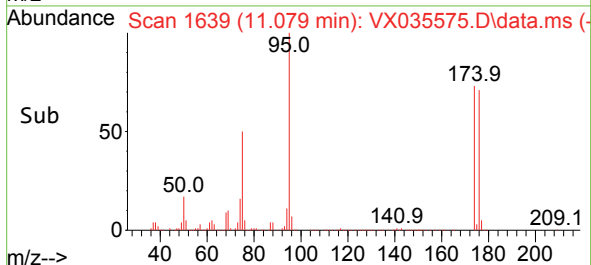
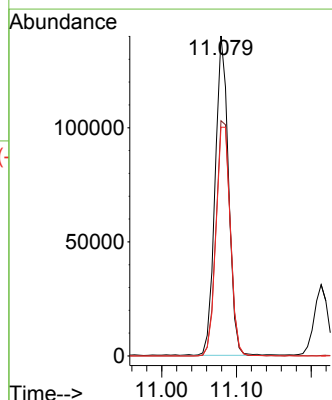
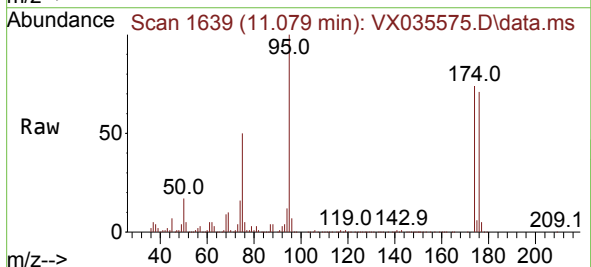
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

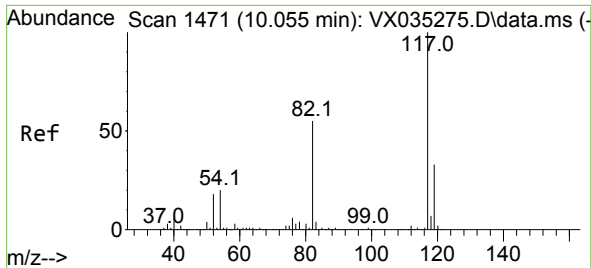
Tgt Ion:107 Resp: 165635
Ion Ratio Lower Upper
107 100
109 94.7 75.3 112.9



#62
4-Bromofluorobenzene
Concen: 49.541 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035575.D
Acq: 08 May 2023 21:05

Tgt Ion: 95 Resp: 174376
Ion Ratio Lower Upper
95 100
174 78.3 0.0 147.4
176 76.8 0.0 140.6

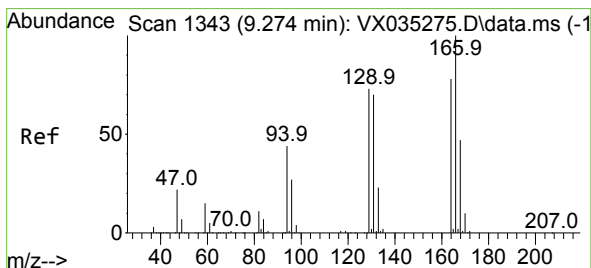
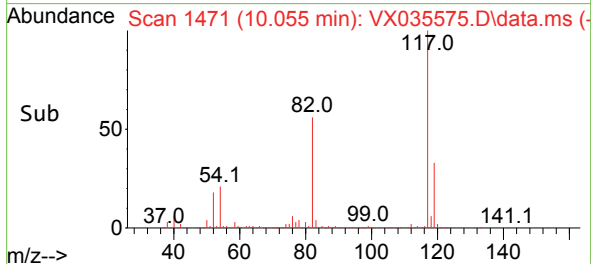
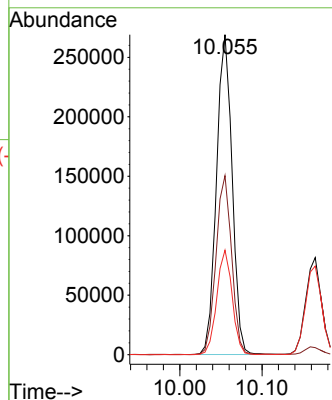
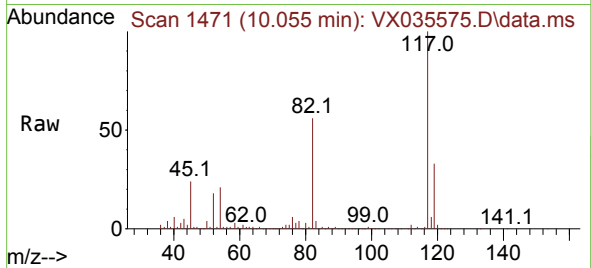




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035575.D
Acq: 08 May 2023 21:05

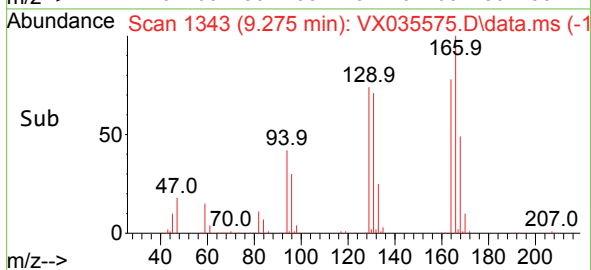
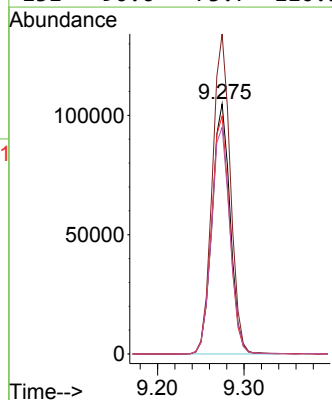
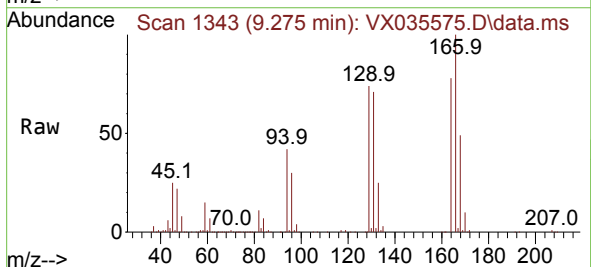
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

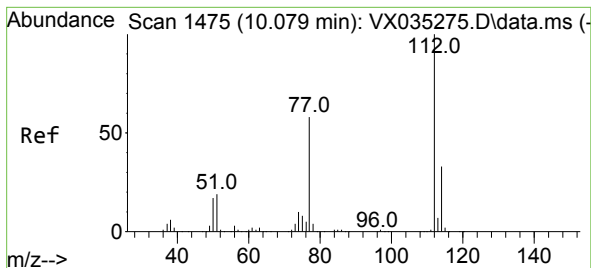
Tgt Ion:117 Resp: 355628
Ion Ratio Lower Upper
117 100
82 55.9 45.0 67.4
119 32.7 26.0 39.0



#64
Tetrachloroethene
Concen: 55.566 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.001 min
Lab File: VX035575.D
Acq: 08 May 2023 21:05

Tgt Ion:164 Resp: 151304
Ion Ratio Lower Upper
164 100
166 128.0 102.7 154.1
129 95.1 75.6 113.4
131 90.6 73.7 110.5

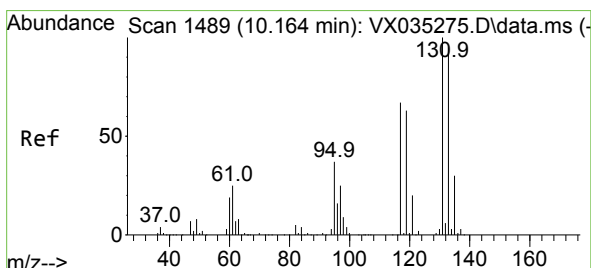
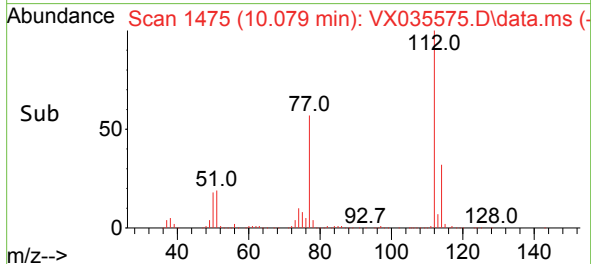
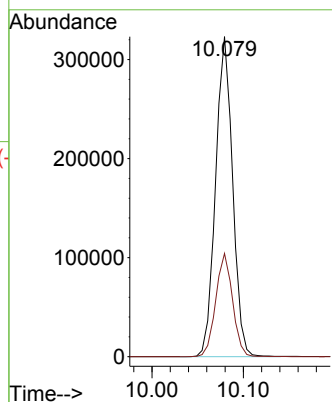
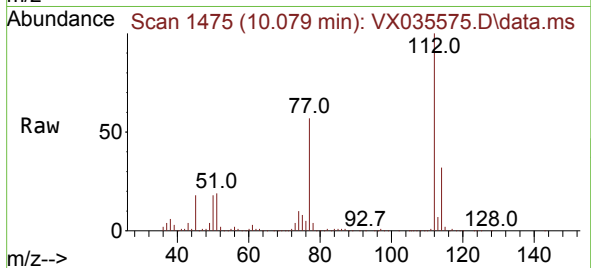




#65
Chlorobenzene
Concen: 54.291 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035575.D
Acq: 08 May 2023 21:05

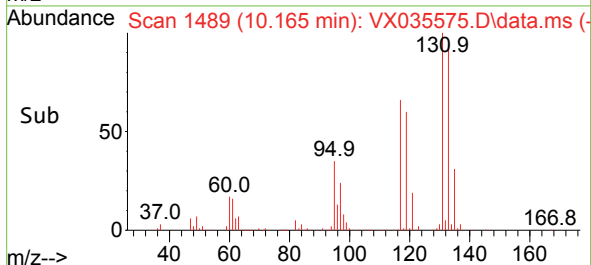
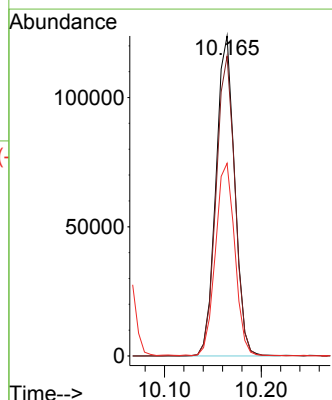
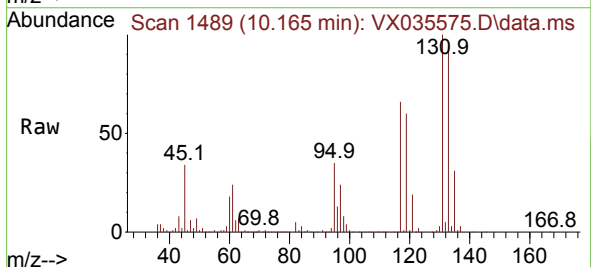
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

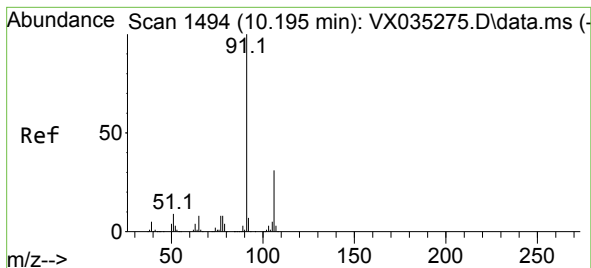
Tgt Ion:112 Resp: 417721
Ion Ratio Lower Upper
112 100
114 32.2 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 62.083 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.001 min
Lab File: VX035575.D
Acq: 08 May 2023 21:05

Tgt Ion:131 Resp: 166241
Ion Ratio Lower Upper
131 100
133 94.5 47.1 141.4
119 62.2 32.6 98.0





#67

Ethyl Benzene

Concen: 56.288 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX035575.D

Acq: 08 May 2023 21:05

Instrument :

MSVOA_X

ClientSampleId :

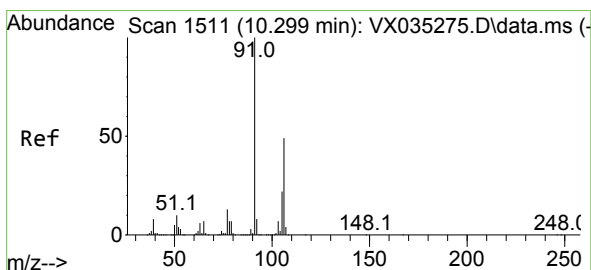
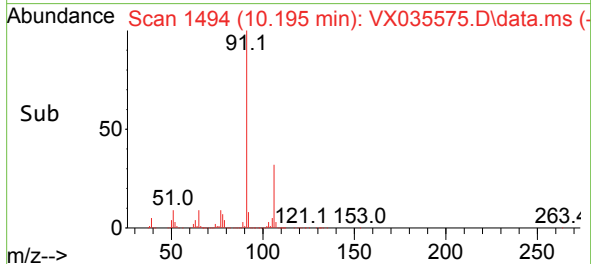
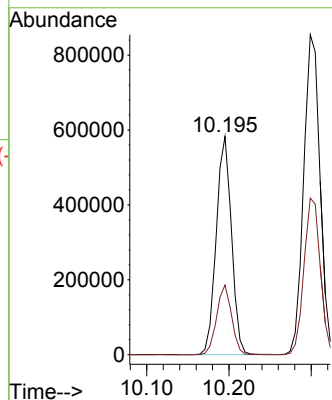
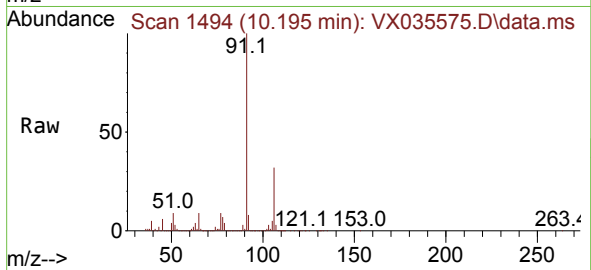
VSTDCCC050EC

Tgt Ion: 91 Resp: 750004

Ion Ratio Lower Upper

91 100

106 31.9 25.6 38.4



#68

m/p-Xylenes

Concen: 113.353 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX035575.D

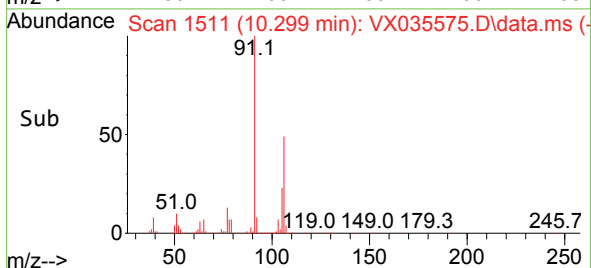
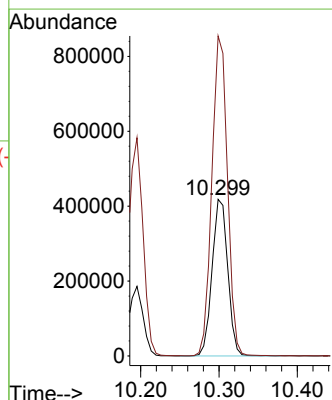
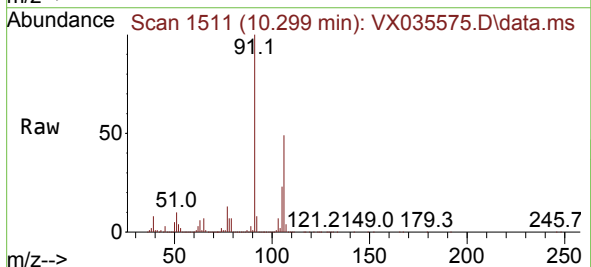
Acq: 08 May 2023 21:05

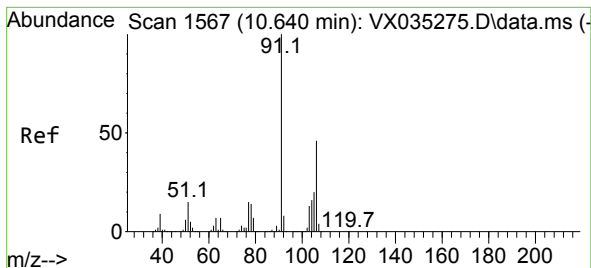
Tgt Ion: 106 Resp: 578745

Ion Ratio Lower Upper

106 100

91 203.7 164.0 246.0





#69

o-Xylene

Concen: 57.702 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX035575.D

Acq: 08 May 2023 21:05

Instrument :

MSVOA_X

ClientSampleId :

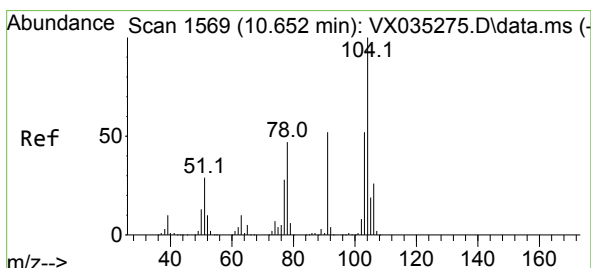
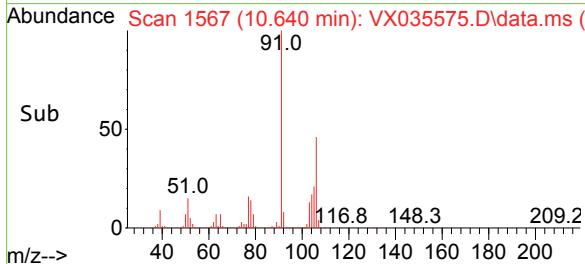
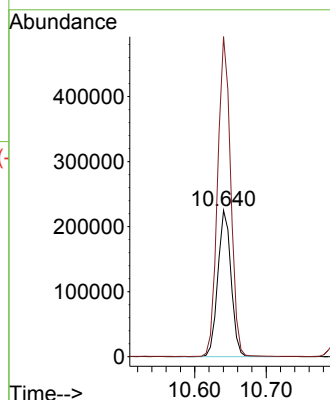
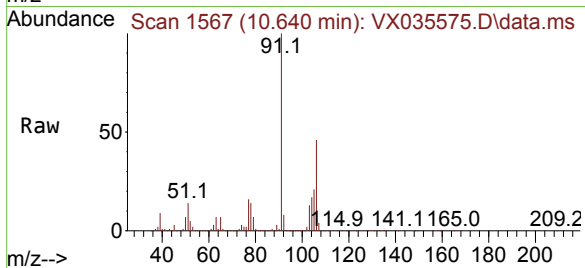
VSTDCCC050EC

Tgt Ion:106 Resp: 288890

Ion Ratio Lower Upper

106 100

91 215.5 108.5 325.3



#70

Styrene

Concen: 59.178 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX035575.D

Acq: 08 May 2023 21:05

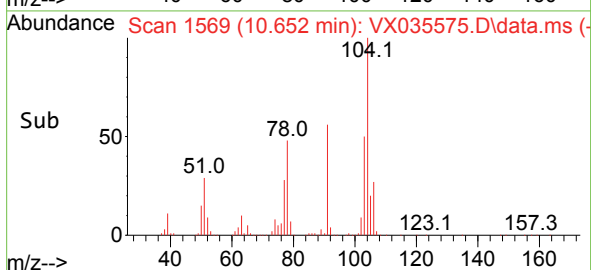
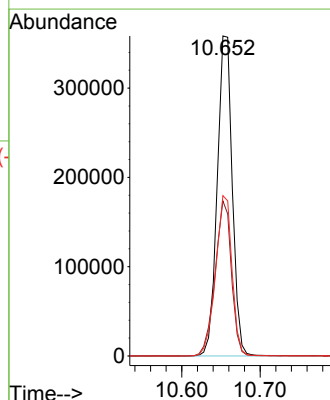
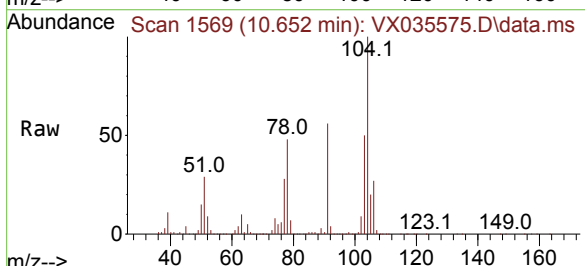
Tgt Ion:104 Resp: 480388

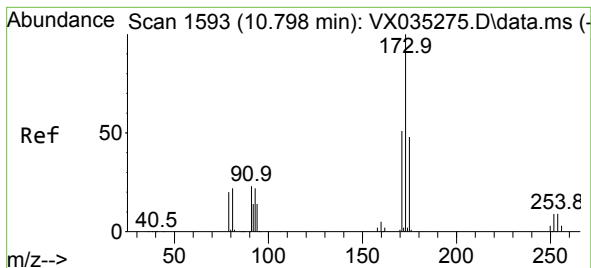
Ion Ratio Lower Upper

104 100

78 52.5 43.4 65.2

103 54.4 44.2 66.2





#71

Bromoform

Concen: 68.108 ug/l

RT: 10.799 min Scan# 11

Delta R.T. 0.001 min

Lab File: VX035575.D

Acq: 08 May 2023 21:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

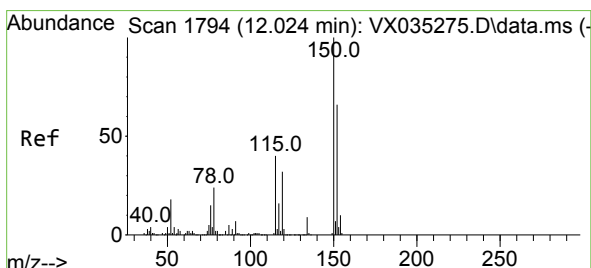
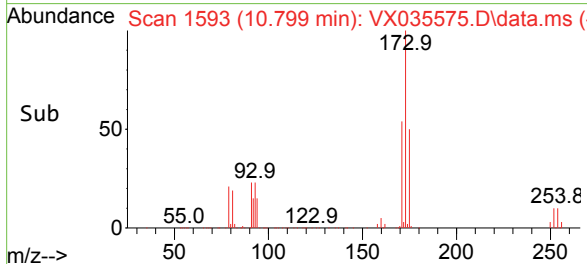
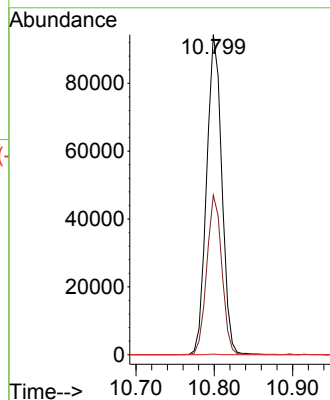
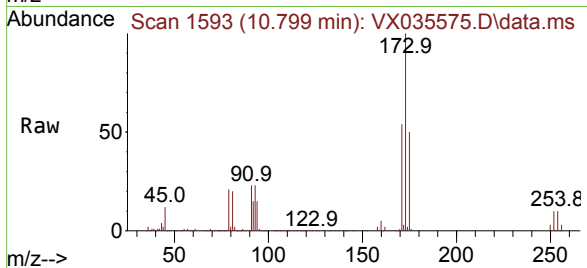
Tgt Ion:173 Resp: 126854

Ion Ratio Lower Upper

173 100

175 49.4 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: VX035575.D

Acq: 08 May 2023 21:05

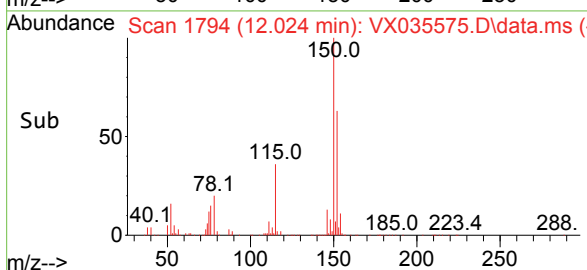
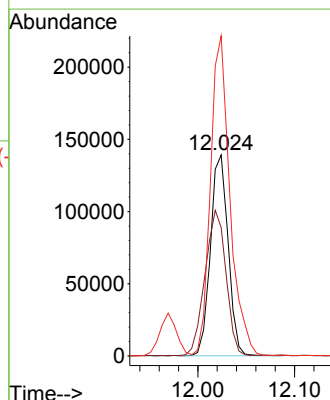
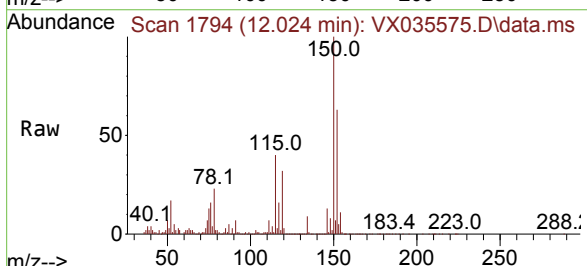
Tgt Ion:152 Resp: 176834

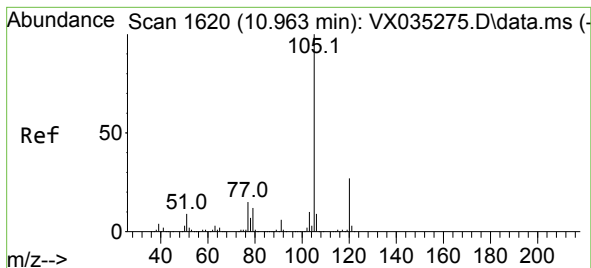
Ion Ratio Lower Upper

152 100

115 86.1 45.0 135.0

150 174.7 0.0 352.4





#73

Isopropylbenzene

Concen: 57.171 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX035575.D

Acq: 08 May 2023 21:05

Instrument :

MSVOA_X

ClientSampleId :

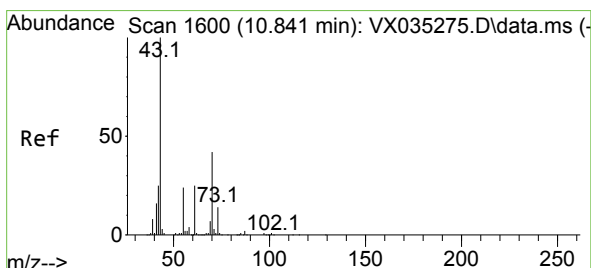
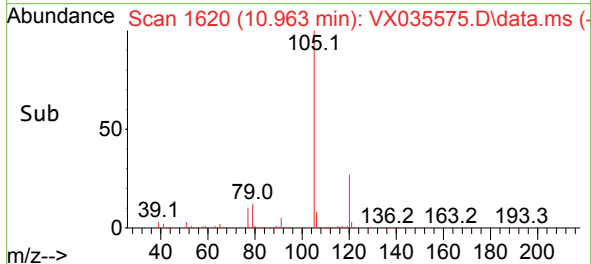
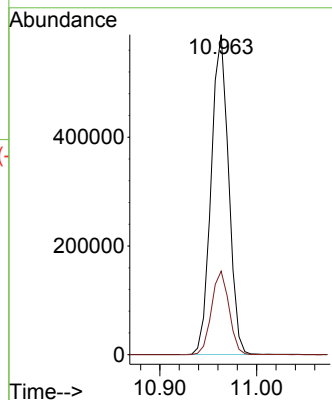
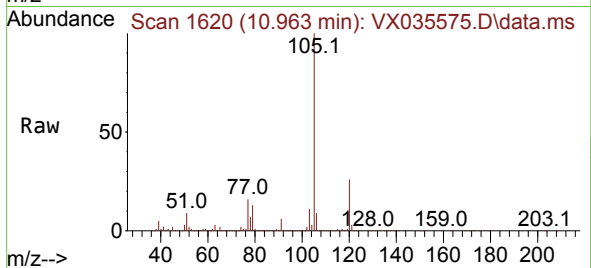
VSTDCCC050EC

Tgt Ion:105 Resp: 739022

Ion Ratio Lower Upper

105 100

120 26.2 13.3 39.9



#74

N-ethyl acetate

Concen: 67.935 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX035575.D

Acq: 08 May 2023 21:05

Tgt Ion: 43 Resp: 330014

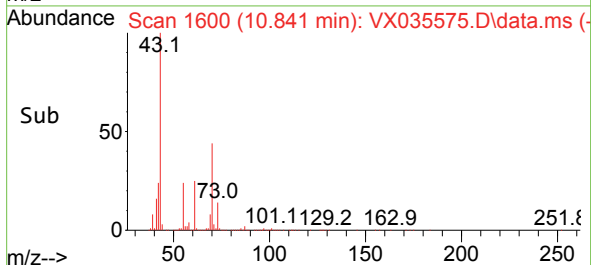
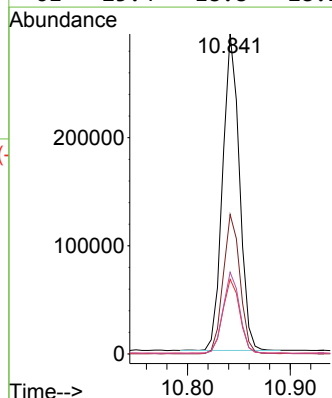
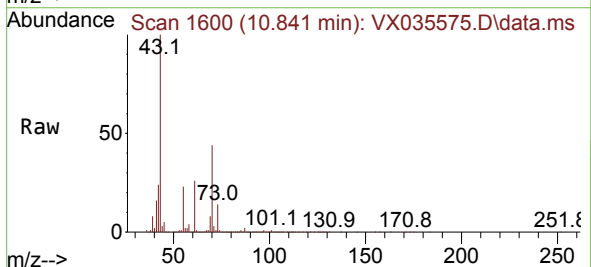
Ion Ratio Lower Upper

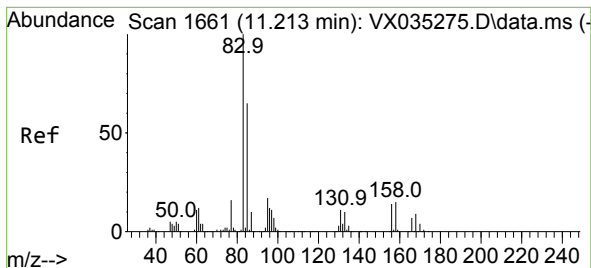
43 100

70 44.5 32.1 48.1

55 23.9 18.3 27.5

61 25.4 18.8 28.2

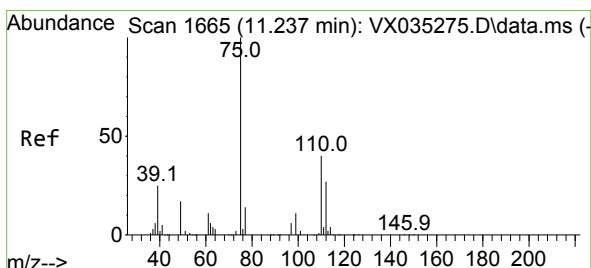
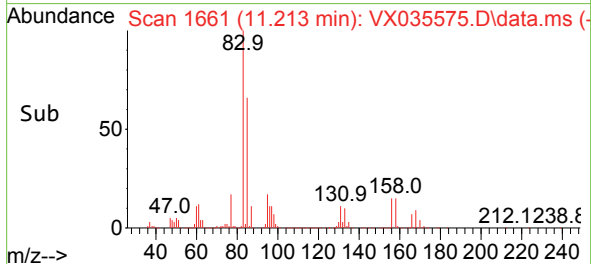
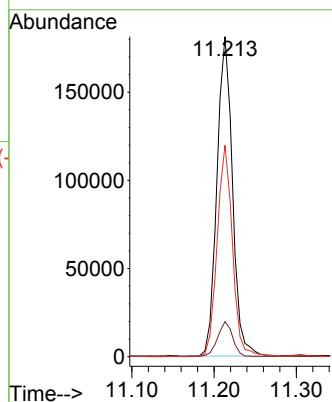
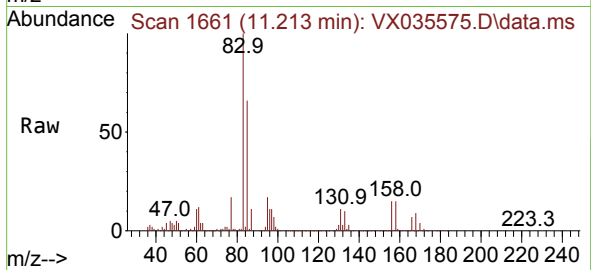




#75
1,1,2,2-Tetrachloroethane
Concen: 59.229 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX035575.D
Acq: 08 May 2023 21:05

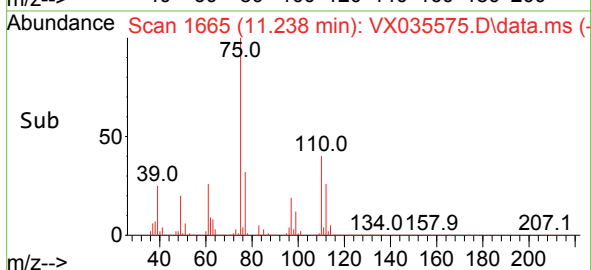
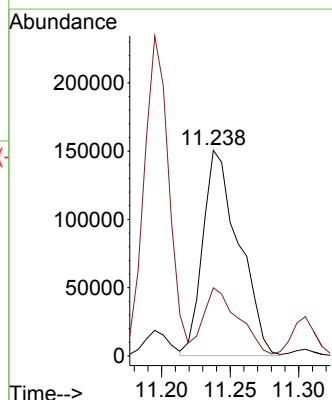
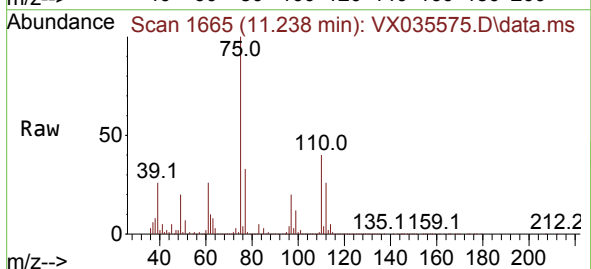
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

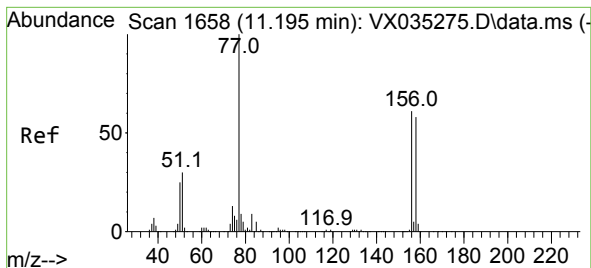
Tgt Ion: 83 Resp: 237635
Ion Ratio Lower Upper
83 100
131 10.8 4.8 14.3
85 64.6 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 78.056 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. 0.001 min
Lab File: VX035575.D
Acq: 08 May 2023 21:05

Tgt Ion: 75 Resp: 275336
Ion Ratio Lower Upper
75 100
77 32.2 21.6 64.8





#77

Bromobenzene

Concen: 57.981 ug/l

RT: 11.201 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX035575.D

Acq: 08 May 2023 21:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

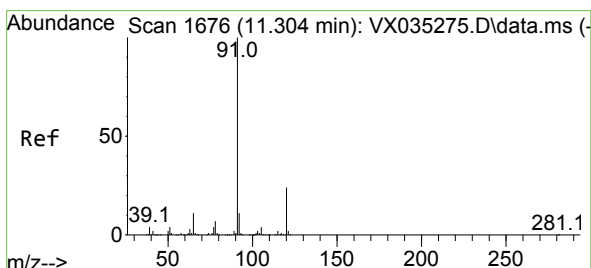
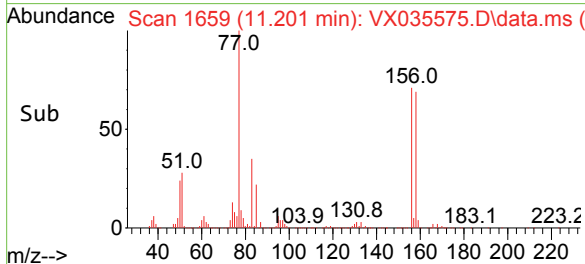
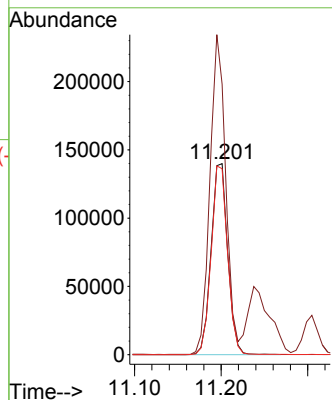
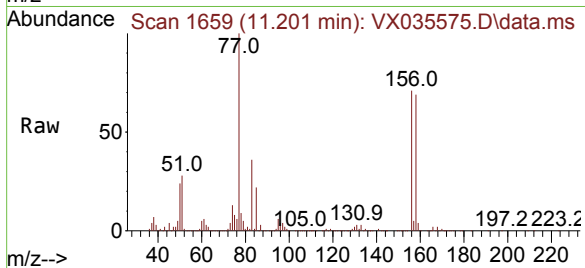
Tgt Ion:156 Resp: 186305

Ion Ratio Lower Upper

156 100

77 158.6 86.7 259.9

158 97.8 48.0 144.0



#78

n-propylbenzene

Concen: 55.208 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.001 min

Lab File: VX035575.D

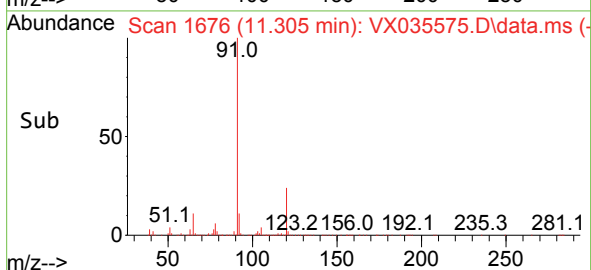
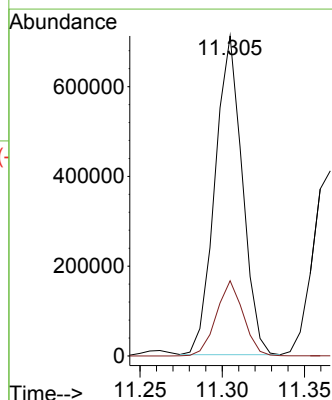
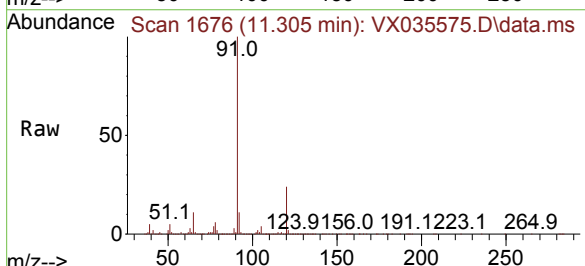
Acq: 08 May 2023 21:05

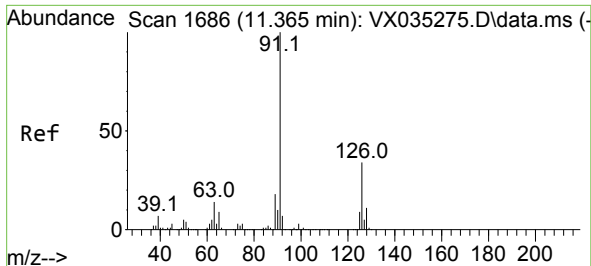
Tgt Ion: 91 Resp: 819605

Ion Ratio Lower Upper

91 100

120 23.3 11.5 34.5





#79

2-Chlorotoluene

Concen: 55.547 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.001 min

Lab File: VX035575.D

Acq: 08 May 2023 21:05

Instrument :

MSVOA_X

ClientSampleId :

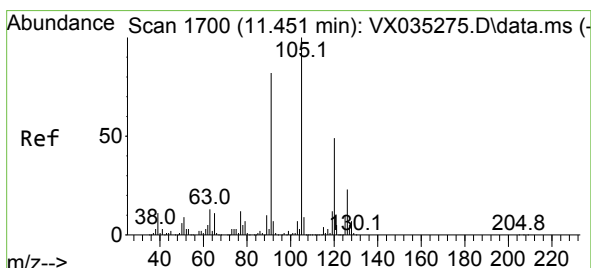
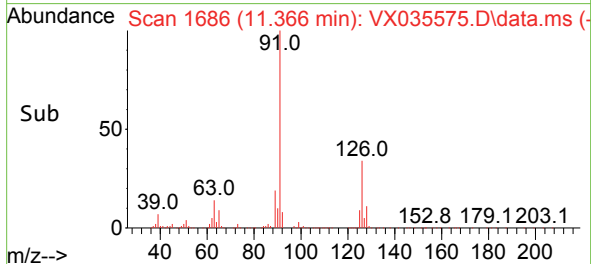
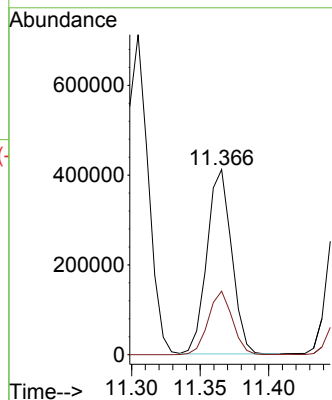
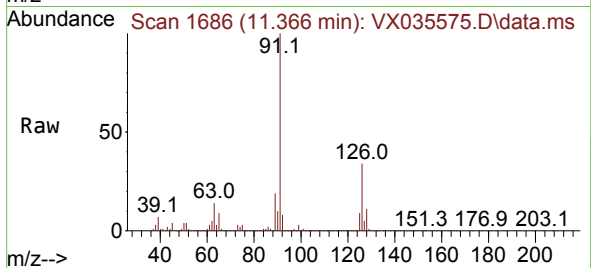
VSTDCCC050EC

Tgt Ion: 91 Resp: 515303

Ion Ratio Lower Upper

91 100

126 33.6 16.3 48.9



#80

1,3,5-Trimethylbenzene

Concen: 56.674 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX035575.D

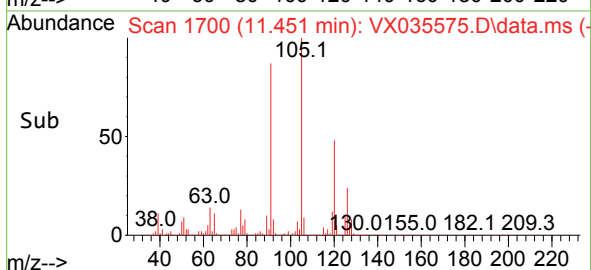
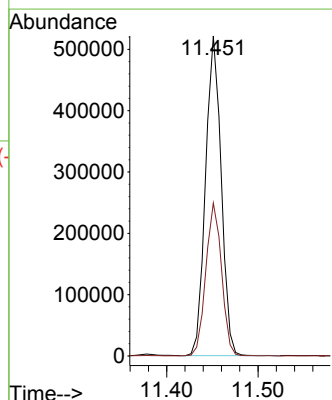
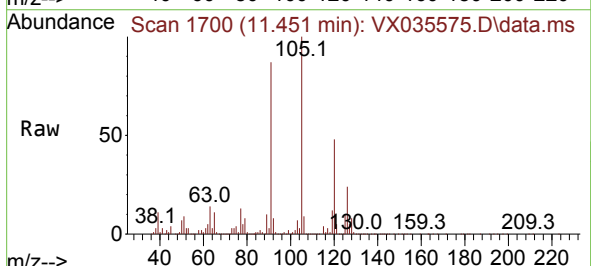
Acq: 08 May 2023 21:05

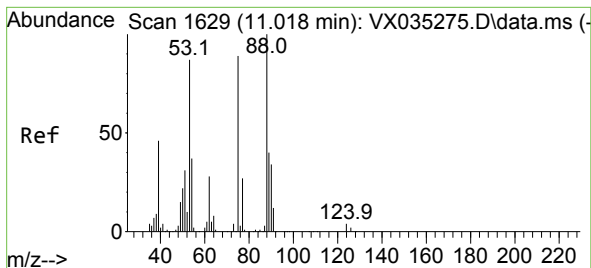
Tgt Ion:105 Resp: 617711

Ion Ratio Lower Upper

105 100

120 47.9 23.7 71.1

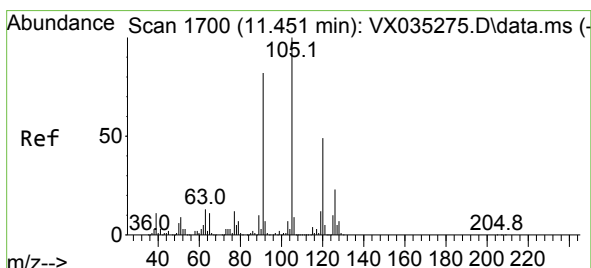
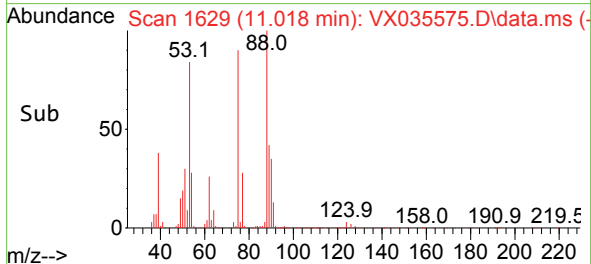
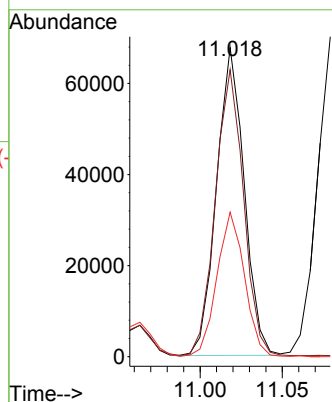
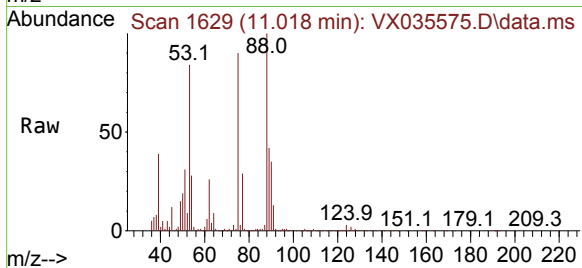




#81
trans-1,4-Dichloro-2-butene
Concen: 72.543 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX035575.D
Acq: 08 May 2023 21:05

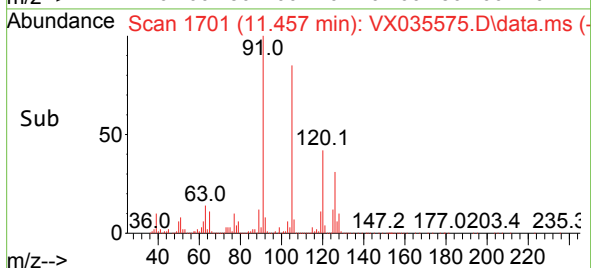
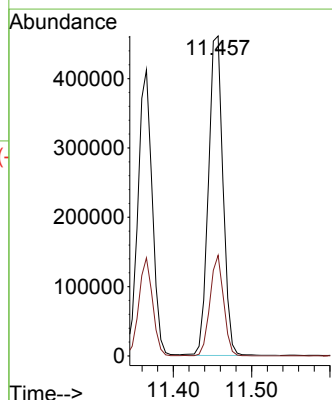
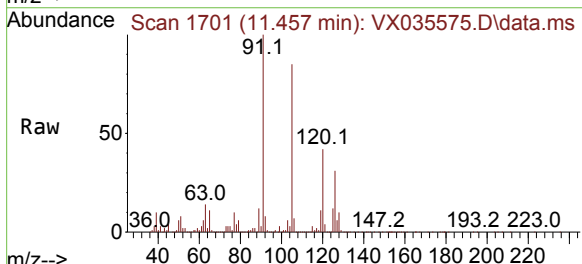
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

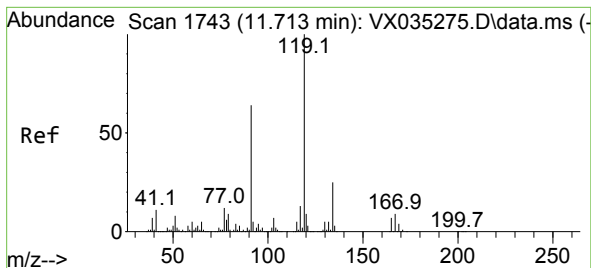
Tgt Ion: 75 Resp: 79008
Ion Ratio Lower Upper
75 100
53 94.4 82.6 124.0
89 47.0 36.9 55.3



#82
4-Chlorotoluene
Concen: 56.894 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX035575.D
Acq: 08 May 2023 21:05

Tgt Ion: 91 Resp: 592800
Ion Ratio Lower Upper
91 100
126 29.6 14.2 42.6





#83

tert-Butylbenzene

Concen: 55.758 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX035575.D

Acq: 08 May 2023 21:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

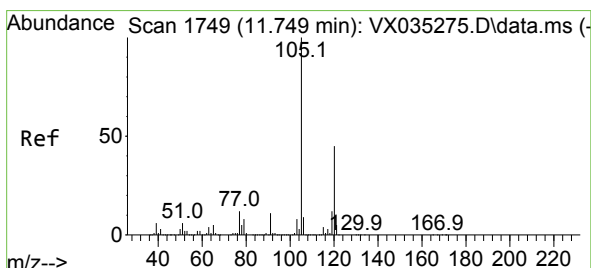
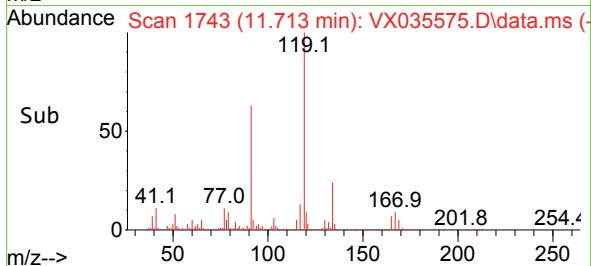
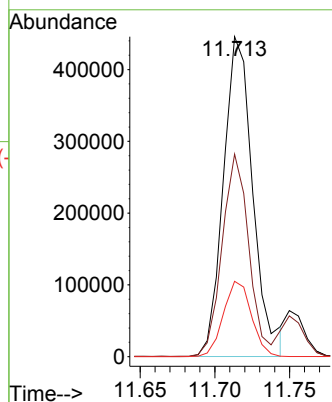
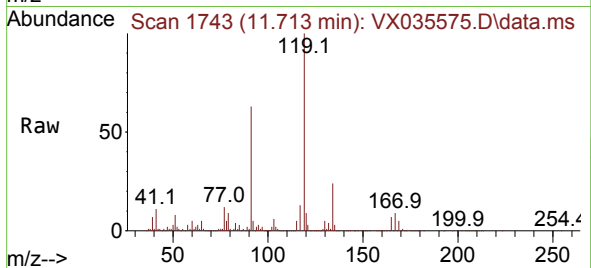
Tgt Ion:119 Resp: 609776

Ion Ratio Lower Upper

119 100

91 57.2 30.6 92.0

134 22.6 11.8 35.4



#84

1,2,4-Trimethylbenzene

Concen: 56.399 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.001 min

Lab File: VX035575.D

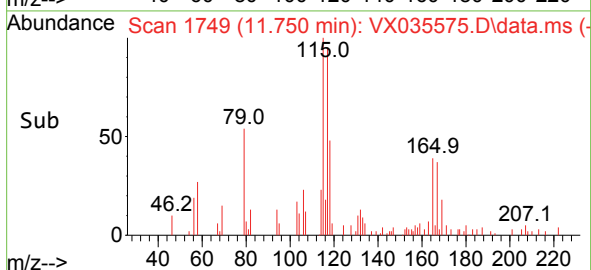
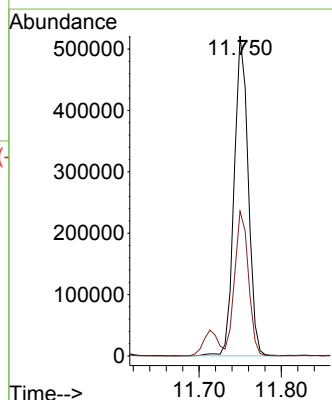
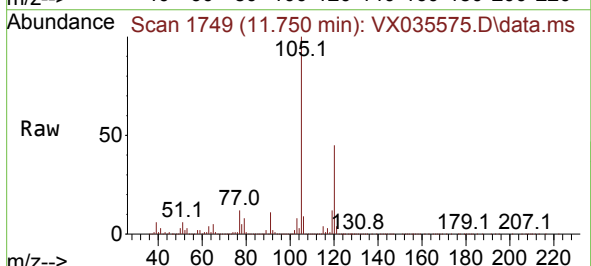
Acq: 08 May 2023 21:05

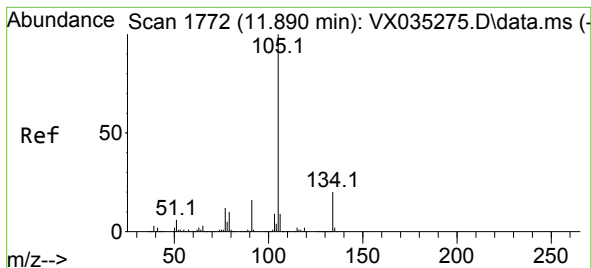
Tgt Ion:105 Resp: 617648

Ion Ratio Lower Upper

105 100

120 44.3 22.4 67.0





#85

sec-Butylbenzene

Concen: 51.226 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX035575.D

Acq: 08 May 2023 21:05

Instrument :

MSVOA_X

ClientSampleId :

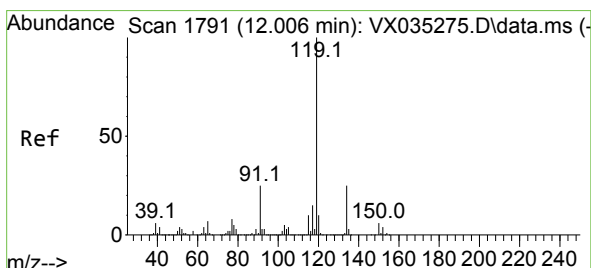
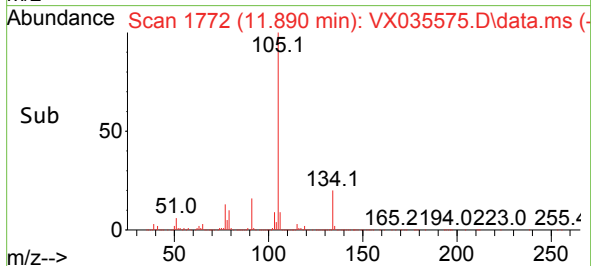
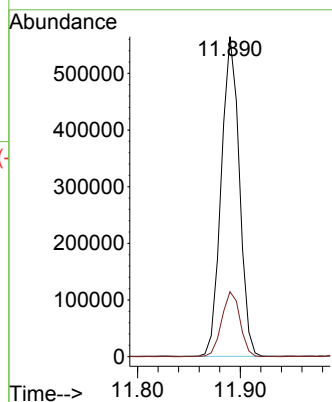
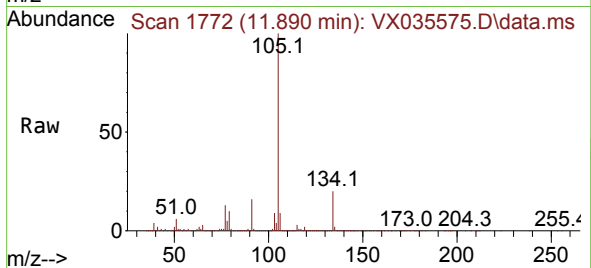
VSTDCCC050EC

Tgt Ion:105 Resp: 687167

Ion Ratio Lower Upper

105 100

134 20.6 10.2 30.4



#86

p-Isopropyltoluene

Concen: 52.901 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX035575.D

Acq: 08 May 2023 21:05

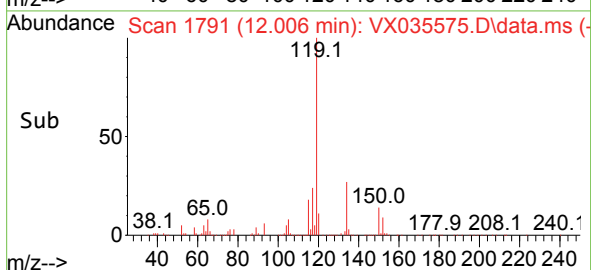
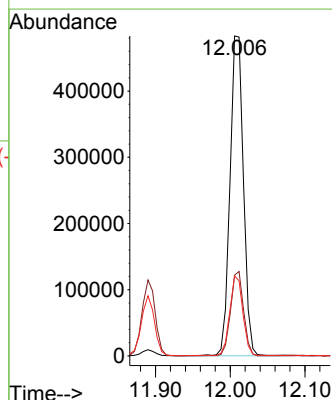
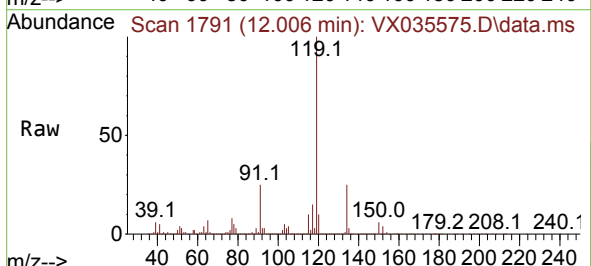
Tgt Ion:119 Resp: 603542

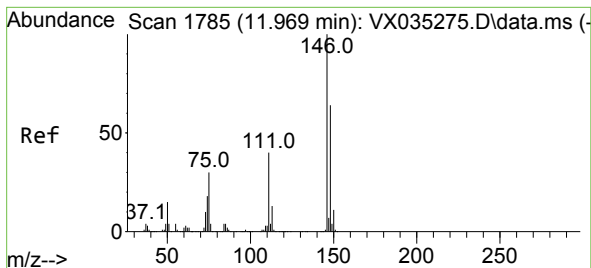
Ion Ratio Lower Upper

119 100

134 25.5 13.2 39.5

91 24.2 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 55.512 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX035575.D

Acq: 08 May 2023 21:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

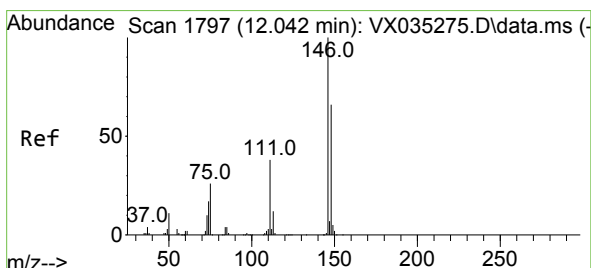
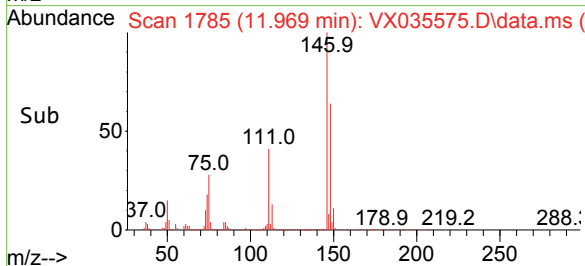
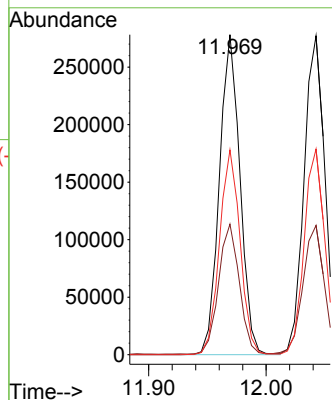
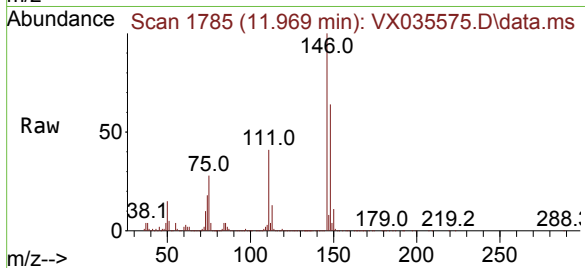
Tgt Ion:146 Resp: 338982

Ion Ratio Lower Upper

146 100

111 41.0 20.9 62.8

148 64.0 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 53.265 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX035575.D

Acq: 08 May 2023 21:05

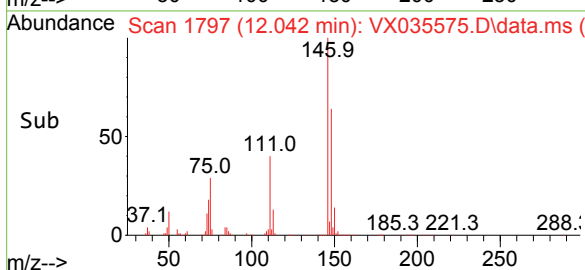
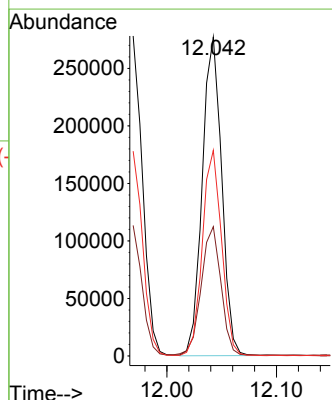
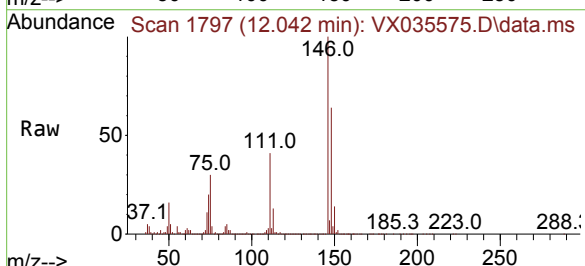
Tgt Ion:146 Resp: 341023

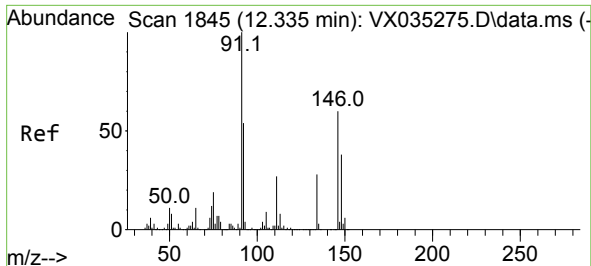
Ion Ratio Lower Upper

146 100

111 40.9 20.6 61.9

148 63.8 31.8 95.4





#89

n-Butylbenzene

Concen: 50.795 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX035575.D

Acq: 08 May 2023 21:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

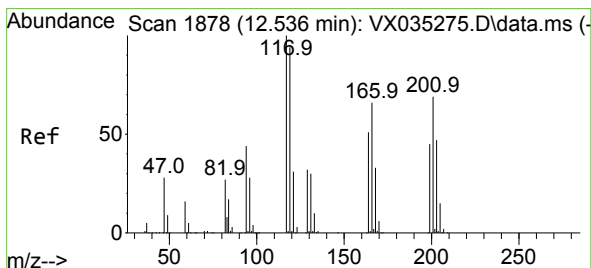
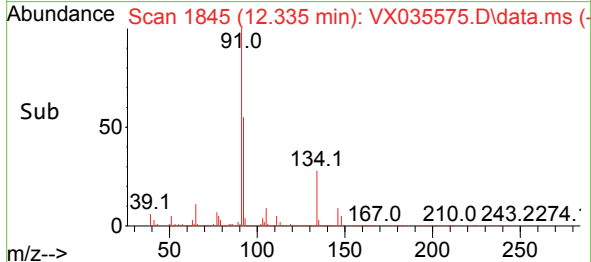
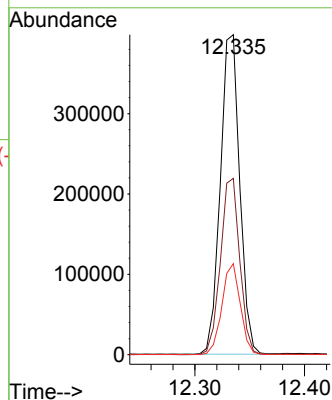
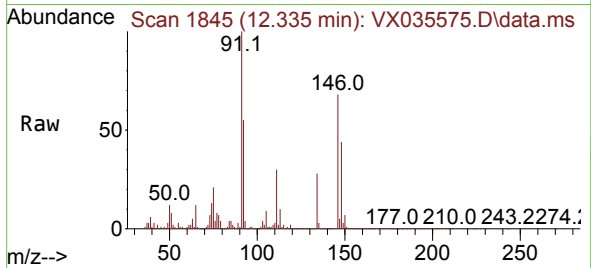
Tgt Ion: 91 Resp: 489210

Ion Ratio Lower Upper

91 100

92 54.9 27.7 83.0

134 27.0 13.0 38.9



#90

Hexachloroethane

Concen: 52.685 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX035575.D

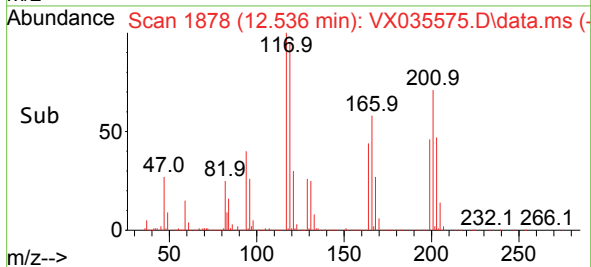
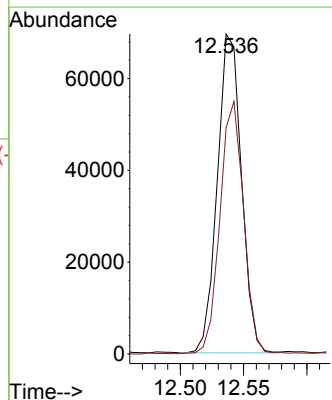
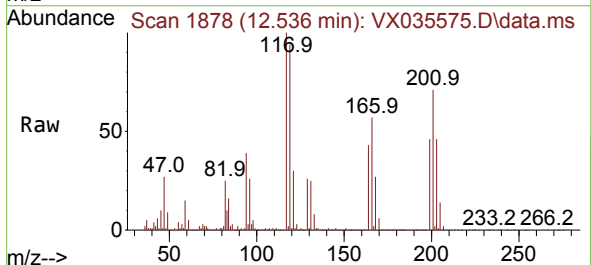
Acq: 08 May 2023 21:05

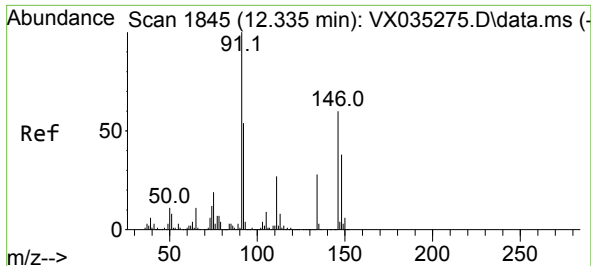
Tgt Ion: 117 Resp: 92013

Ion Ratio Lower Upper

117 100

201 77.4 34.4 103.1

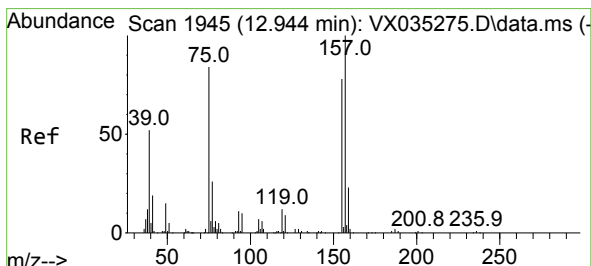
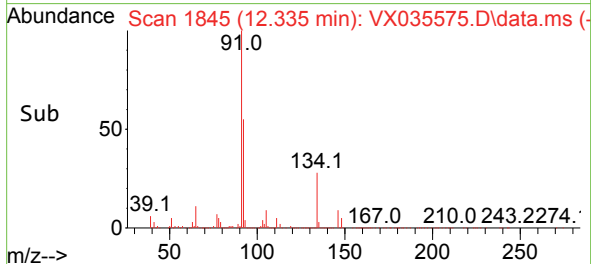
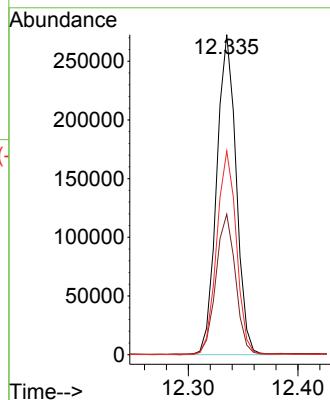
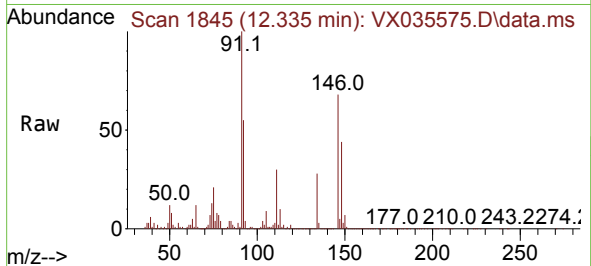




#91
1,2-Dichlorobenzene
Concen: 55.226 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035575.D
Acq: 08 May 2023 21:05

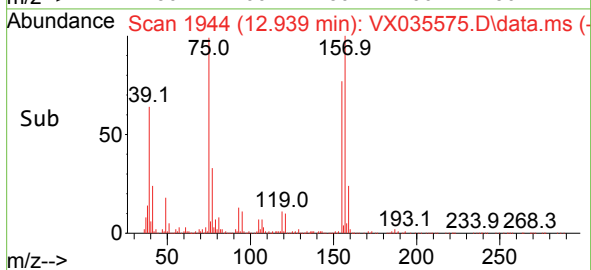
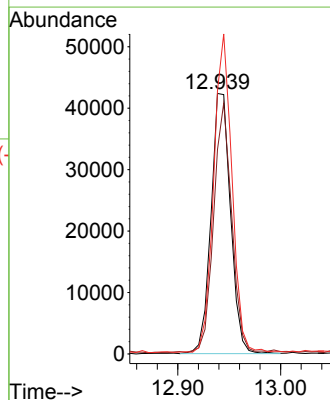
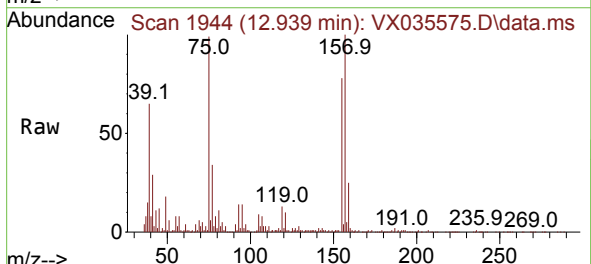
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

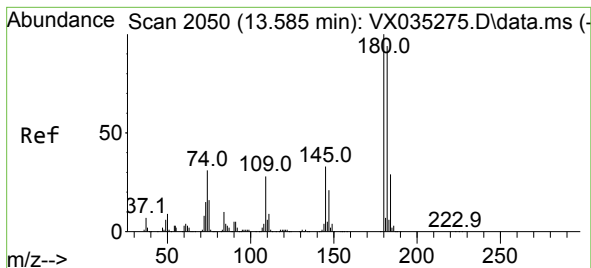
Tgt Ion:146 Resp: 337288
Ion Ratio Lower Upper
146 100
111 43.8 22.0 66.0
148 64.3 32.0 96.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 69.521 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.005 min
Lab File: VX035575.D
Acq: 08 May 2023 21:05

Tgt Ion: 75 Resp: 55931
Ion Ratio Lower Upper
75 100
155 89.2 38.4 115.1
157 113.9 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 53.151 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX035575.D

Acq: 08 May 2023 21:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

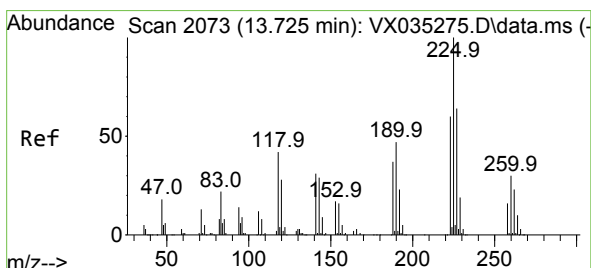
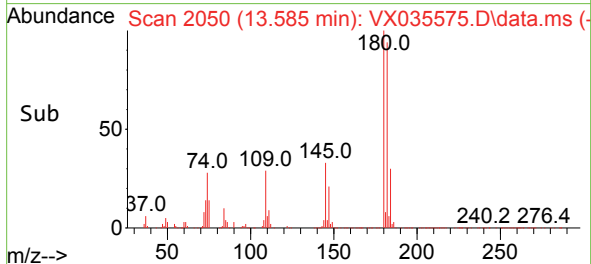
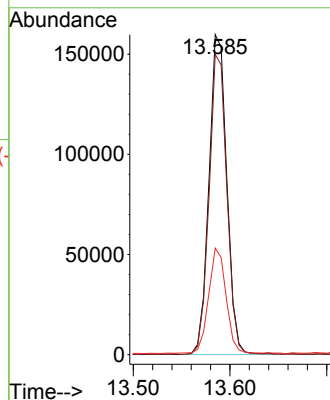
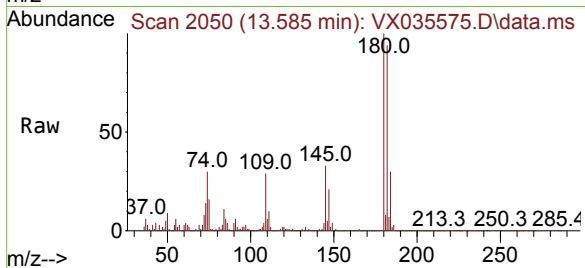
Tgt Ion:180 Resp: 204046

Ion Ratio Lower Upper

180 100

182 93.2 47.0 141.0

145 32.4 15.9 47.7



#94

Hexachlorobutadiene

Concen: 48.075 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX035575.D

Acq: 08 May 2023 21:05

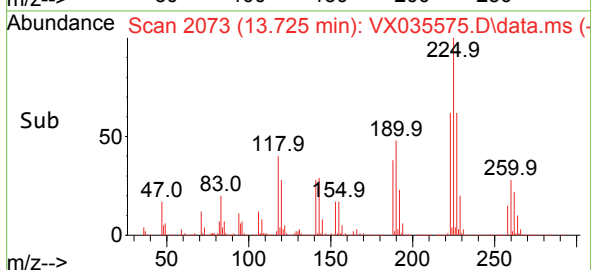
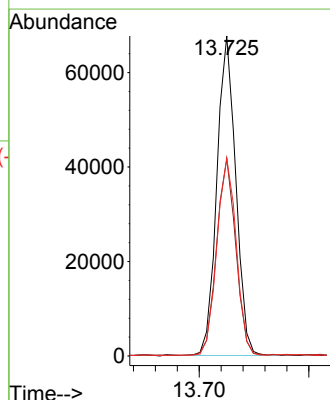
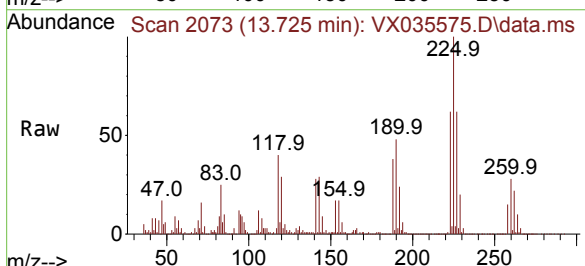
Tgt Ion:225 Resp: 80999

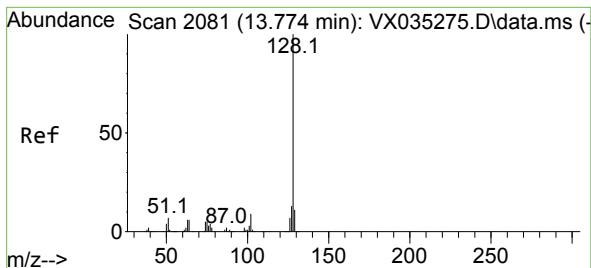
Ion Ratio Lower Upper

225 100

223 62.7 32.1 96.5

227 63.6 31.8 95.4





#95

Naphthalene

Concen: 60.345 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX035575.D

Acq: 08 May 2023 21:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

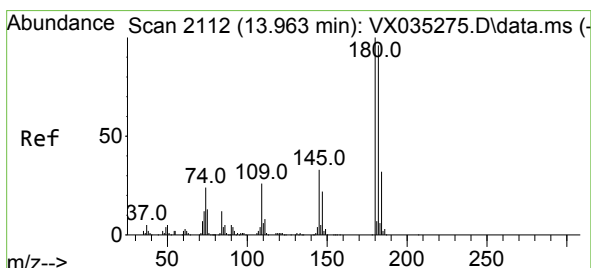
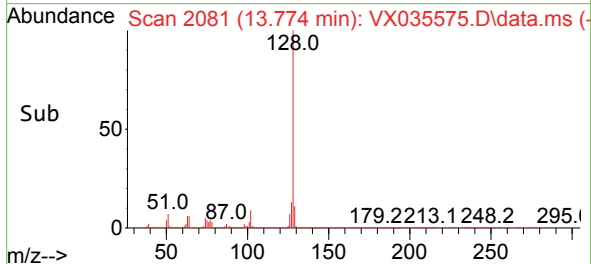
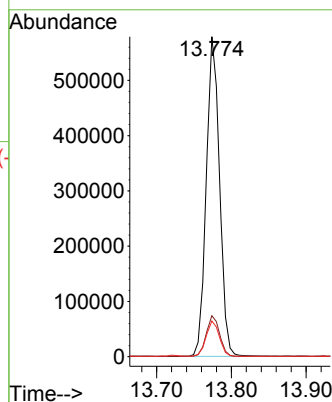
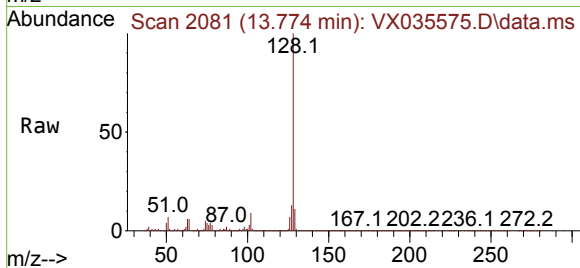
Tgt Ion:128 Resp: 713175

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 51.476 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX035575.D

Acq: 08 May 2023 21:05

Tgt Ion:180 Resp: 198930

Ion Ratio Lower Upper

180 100

182 96.5 48.0 144.2

145 34.3 17.7 53.1

