

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122923\
 Data File : VX039557.D
 Acq On : 29 Dec 2023 19:42
 Operator : JC/MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDC0050EC

Quant Time: Dec 30 02:08:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	114660	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	212572	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	196600	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95975	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	101218	48.188	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.380%
35) Dibromofluoromethane	5.385	113	73156	49.815	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.640%
50) Toluene-d8	8.647	98	277219	50.847	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.700%
62) 4-Bromofluorobenzene	11.079	95	111116	49.396	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.800%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.166	85	75992	47.165	ug/l	99
3) Chloromethane	1.294	50	88045	49.292	ug/l	100
4) Vinyl Chloride	1.374	62	80394	48.395	ug/l	100
5) Bromomethane	1.599	94	42625	44.600	ug/l	99
6) Chloroethane	1.678	64	48695	48.642	ug/l	100
7) Trichlorofluoromethane	1.886	101	115339	47.416	ug/l	99
8) Diethyl Ether	2.136	74	43416	51.570	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	70903	47.766	ug/l	97
10) Methyl Iodide	2.453	142	75091	48.941	ug/l	94
11) Tert butyl alcohol	2.959	59	130841	248.055	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	71028	48.171	ug/l	94
13) Acrolein	2.233	56	123643	293.832	ug/l	98
14) Allyl chloride	2.660	41	142448	47.690	ug/l	97
15) Acrylonitrile	3.062	53	280828	265.988	ug/l	99
16) Acetone	2.379	43	240793	192.021	ug/l	94
17) Carbon Disulfide	2.507	76	179506	41.602	ug/l	99
18) Methyl Acetate	2.703	43	250617	55.163	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	266330	49.944	ug/l	99
20) Methylene Chloride	2.788	84	85072	48.585	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	76159	47.468	ug/l	98
22) Diisopropyl ether	3.757	45	278955	51.305	ug/l	96
23) Vinyl Acetate	3.721	43	1019469	251.854	ug/l	99
24) 1,1-Dichloroethane	3.611	63	151531	49.301	ug/l	99
25) 2-Butanone	4.556	43	401344	221.423	ug/l	100
26) 2,2-Dichloropropane	4.471	77	106273	39.605	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	89304	50.428	ug/l	99
28) Bromochloromethane	4.897	49	67099	44.742	ug/l	93
29) Tetrahydrofuran	5.001	42	266379	266.118	ug/l	99
30) Chloroform	5.092	83	148993	48.508	ug/l	98
31) Cyclohexane	5.470	56	130352	48.047	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	126711	47.521	ug/l	99
36) 1,1-Dichloropropene	5.690	75	108620	46.871	ug/l	99
37) Ethyl Acetate	4.708	43	149666	52.275	ug/l	99
38) Carbon Tetrachloride	5.678	117	99901	45.172	ug/l	99
39) Methylcyclohexane	7.379	83	132570	47.624	ug/l	98
40) Benzene	6.037	78	321016	48.970	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	80731	52.849	ug/l	98
42) 1,2-Dichloroethane	6.086	62	126841	47.800	ug/l	100
43) Isopropyl Acetate	6.336	43	235537	50.591	ug/l	99
44) Trichloroethene	7.123	130	77305	46.732	ug/l	94
45) 1,2-Dichloropropane	7.427	63	88601	50.360	ug/l	99
46) Dibromomethane	7.580	93	60085	48.583	ug/l	95
47) Bromodichloromethane	7.824	83	113794	48.123	ug/l	98
48) Methyl methacrylate	7.689	41	140237	51.523	ug/l	96
49) 1,4-Dioxane	7.659	88	41563	1132.847	ug/l #	99
51) 4-Methyl-2-Pentanone	8.573	43	789192	266.045	ug/l	99
52) Toluene	8.720	92	194282	49.103	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	123939	47.607	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	133501	47.659	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	81747	49.490	ug/l	92
56) Ethyl methacrylate	9.116	69	107532	53.327	ug/l	97
57) 1,3-Dichloropropane	9.305	76	143594	50.285	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	315382	266.359	ug/l	93
59) 2-Hexanone	9.427	43	628631	245.548	ug/l	99
60) Dibromochloromethane	9.518	129	80739	48.331	ug/l	99
61) 1,2-Dibromoethane	9.610	107	88809	50.364	ug/l	99
64) Tetrachloroethene	9.275	164	60578	47.153	ug/l	96
65) Chlorobenzene	10.079	112	204172	47.580	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	72052	47.535	ug/l	98
67) Ethyl Benzene	10.195	91	390198	48.849	ug/l	99
68) m/p-Xylenes	10.299	106	279946	97.747	ug/l	94
69) o-Xylene	10.640	106	136630	49.341	ug/l	93
70) Styrene	10.652	104	204170	50.435	ug/l	97
71) Bromoform	10.799	173	52674	46.752	ug/l #	99
73) Isopropylbenzene	10.963	105	372383	50.289	ug/l	99
74) N-amyl acetate	10.841	43	202847	54.143	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	143289	52.017	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	162915	65.611	ug/l	90
77) Bromobenzene	11.195	156	81790	49.949	ug/l	91
78) n-propylbenzene	11.305	91	450865	49.418	ug/l	97
79) 2-Chlorotoluene	11.366	91	267897	48.545	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	319106	50.586	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.018	75	39392	44.753	ug/l	96
82) 4-Chlorotoluene	11.451	91	313547	48.374	ug/l	98
83) tert-Butylbenzene	11.713	119	298461	49.715	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	321102	49.637	ug/l	99
85) sec-Butylbenzene	11.890	105	383717	50.229	ug/l	98
86) p-Isopropyltoluene	12.006	119	318515	49.681	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	156222	48.562	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	154341	46.078	ug/l	99
89) n-Butylbenzene	12.329	91	317766	50.419	ug/l	96
90) Hexachloroethane	12.536	117	54906	47.410	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	148361	48.200	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	36593	50.434	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	97573	48.411	ug/l	98
94) Hexachlorobutadiene	13.725	225	37664	49.587	ug/l	99
95) Naphthalene	13.774	128	381825	54.398	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	96340	49.514	ug/l	99

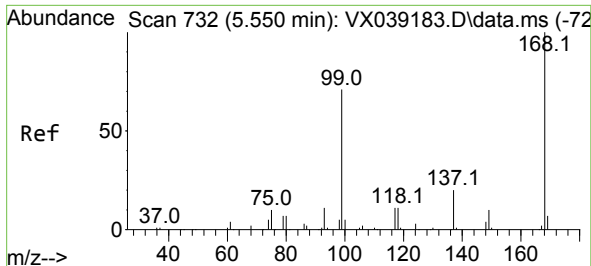
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ClientSampleId :
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Response via : Initial Calibration

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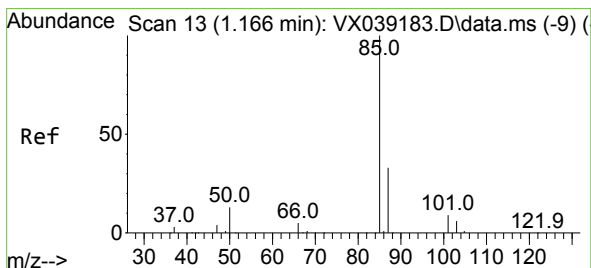
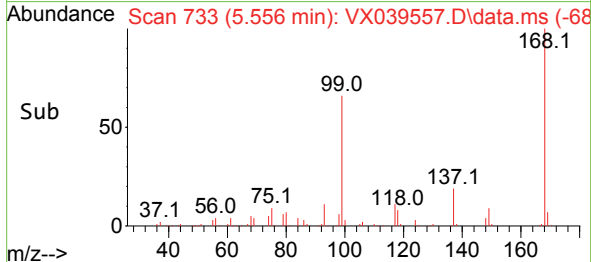
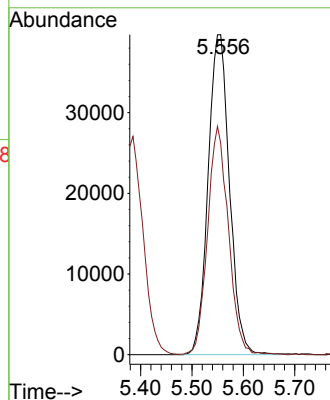
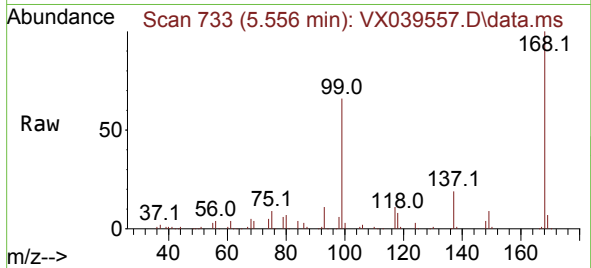
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX039557.D
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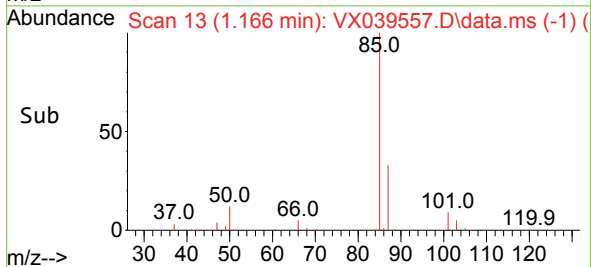
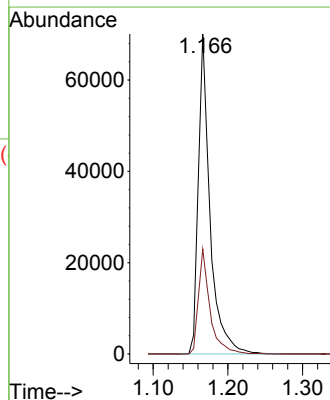
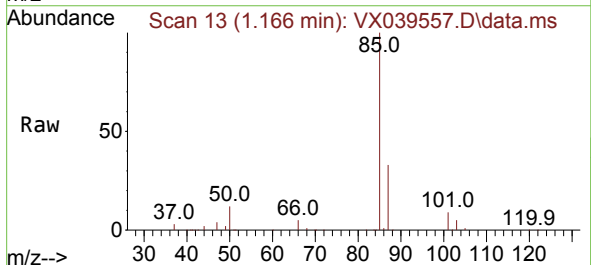
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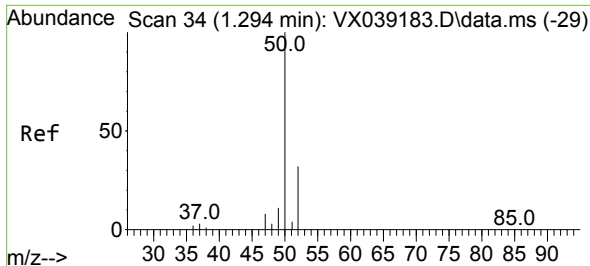
Tgt Ion:168 Resp: 114660
Ion Ratio Lower Upper
168 100
99 65.9 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 47.165 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX039557.D
Acq: 29 Dec 2023 19:42

Tgt Ion: 85 Resp: 75992
Ion Ratio Lower Upper
85 100
87 32.8 16.7 50.1

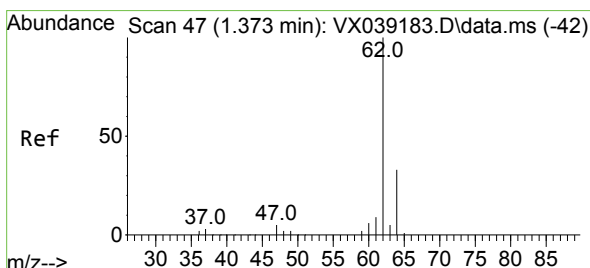
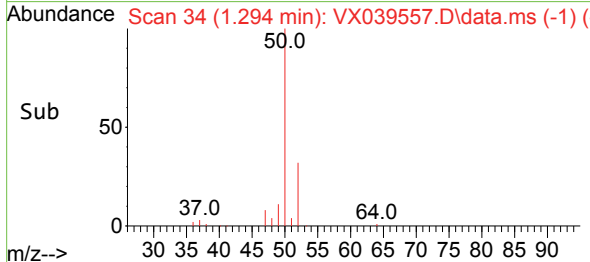
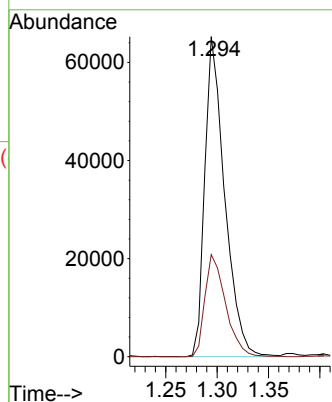
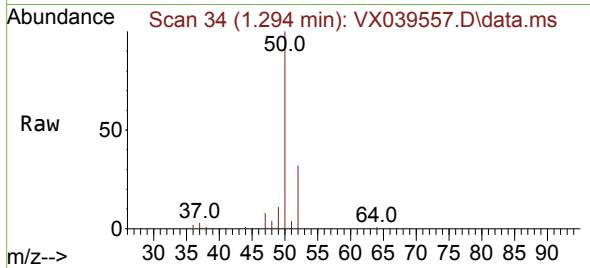




#3
Chloromethane
Concen: 49.292 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX039557.D
Acq: 29 Dec 2023 19:42

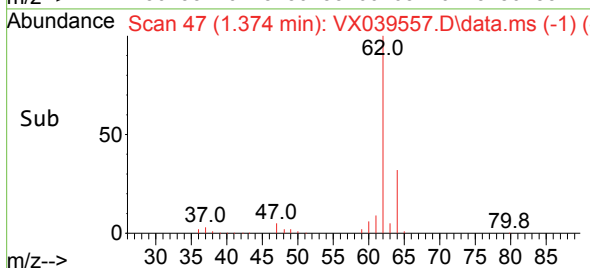
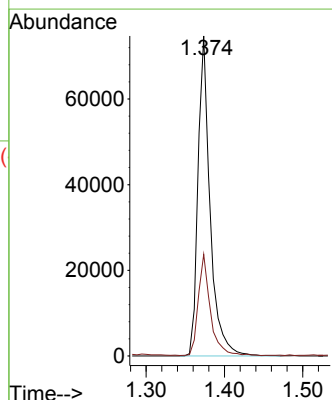
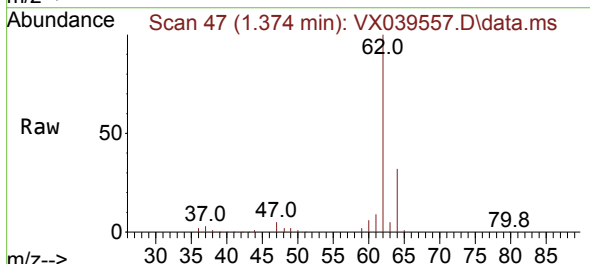
Instrument :
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ClientSampleId :
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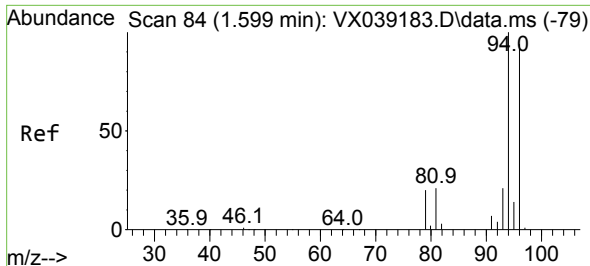
Tgt Ion: 50 Resp: 88045
Ion Ratio Lower Upper
50 100
52 31.9 25.5 38.3



#4
Vinyl Chloride
Concen: 48.395 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX039557.D
Acq: 29 Dec 2023 19:42

Tgt Ion: 62 Resp: 80394
Ion Ratio Lower Upper
62 100
64 31.6 25.4 38.0

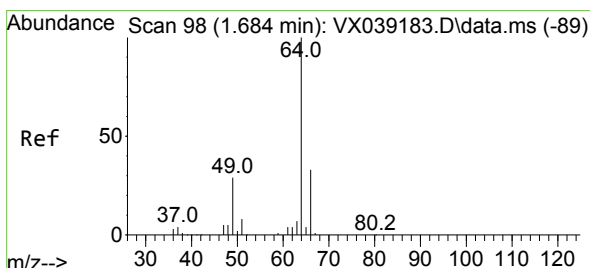
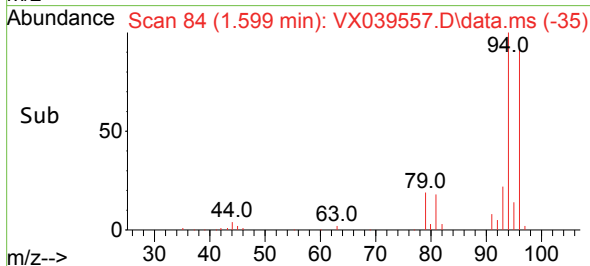
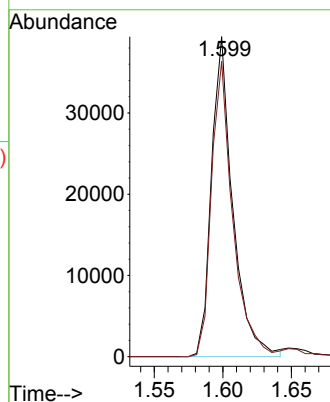
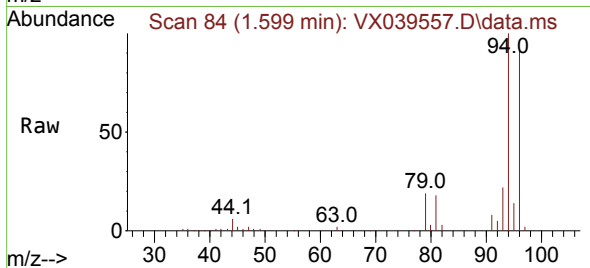




#5
Bromomethane
Concen: 44.600 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX039557.D
Acq: 29 Dec 2023 19:42

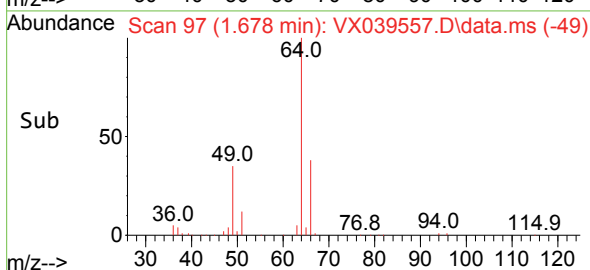
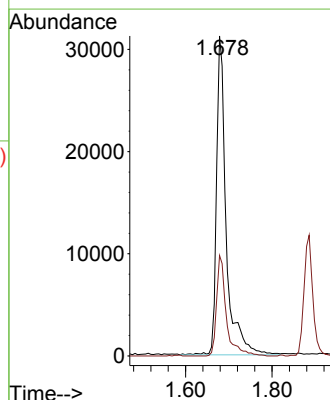
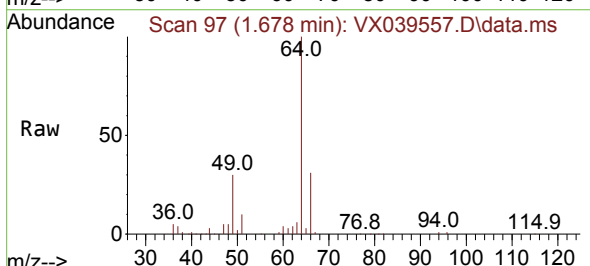
Instrument :
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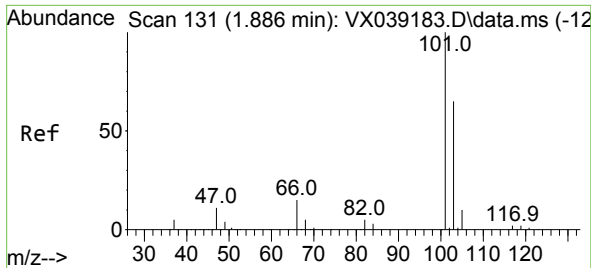
Tgt Ion: 94 Resp: 42625
Ion Ratio Lower Upper
94 100
96 92.3 74.6 111.8



#6
Chloroethane
Concen: 48.642 ug/l
RT: 1.678 min Scan# 97
Delta R.T. -0.006 min
Lab File: VX039557.D
Acq: 29 Dec 2023 19:42

Tgt Ion: 64 Resp: 48695
Ion Ratio Lower Upper
64 100
66 31.3 25.1 37.7

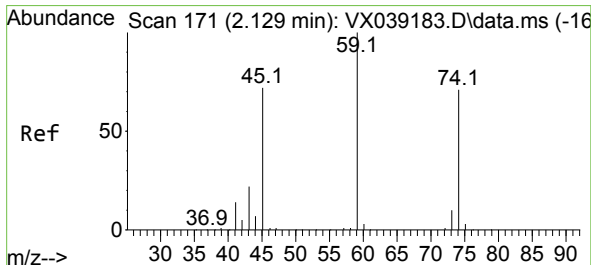
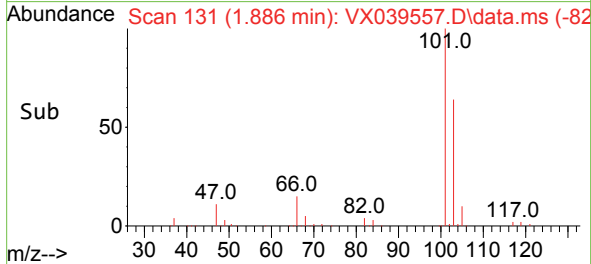
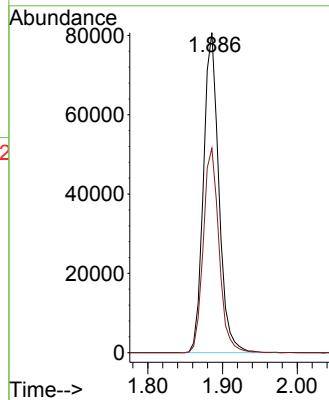
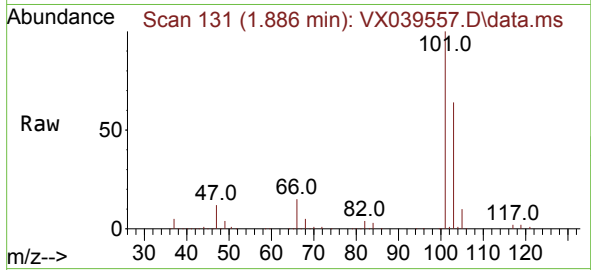




#7
 Trichlorofluoromethane
 Concen: 47.416 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX039557.D
 Acq: 29 Dec 2023 19:42

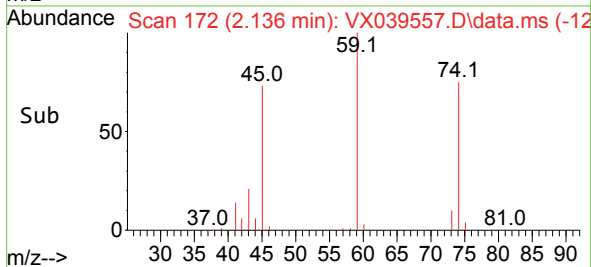
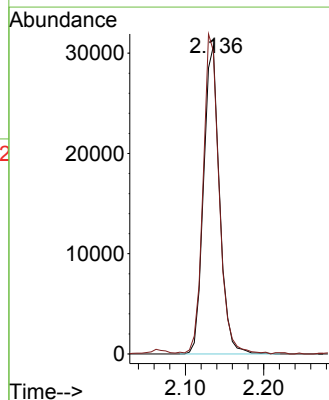
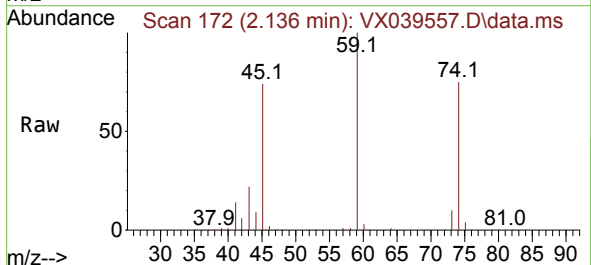
Instrument :
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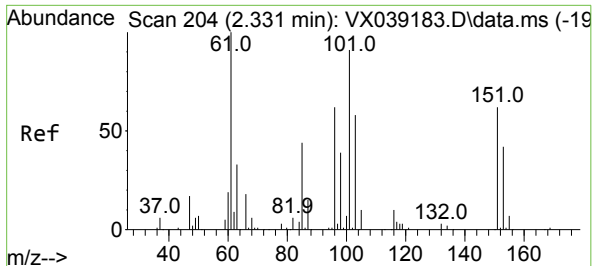
Tgt Ion:101 Resp: 115339
 Ion Ratio Lower Upper
 101 100
 103 63.9 51.4 77.2



#8
 Diethyl Ether
 Concen: 51.570 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.006 min
 Lab File: VX039557.D
 Acq: 29 Dec 2023 19:42

Tgt Ion: 74 Resp: 43416
 Ion Ratio Lower Upper
 74 100
 45 104.9 53.3 159.8

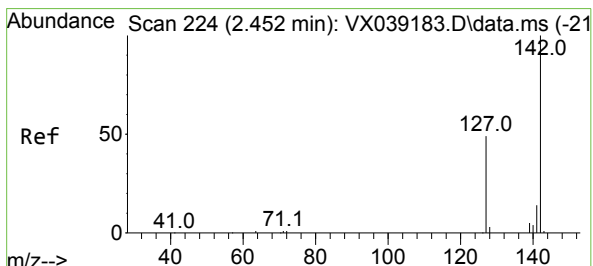
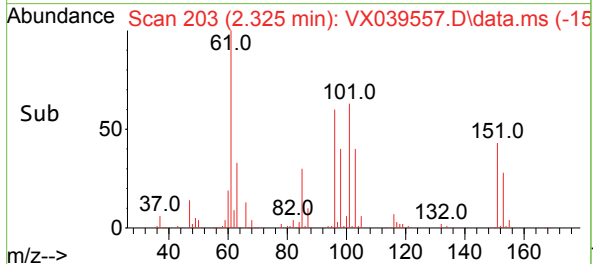
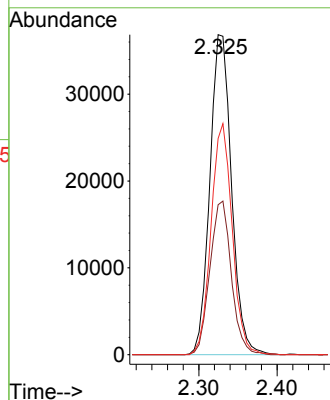
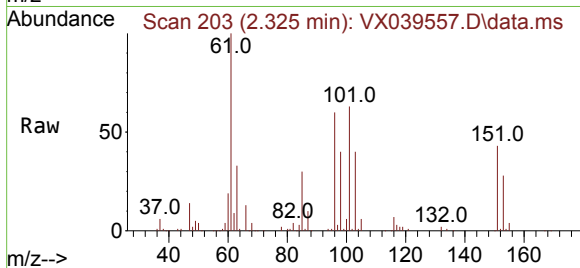




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.766 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX039557.D
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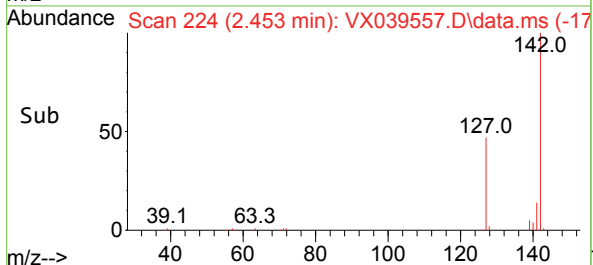
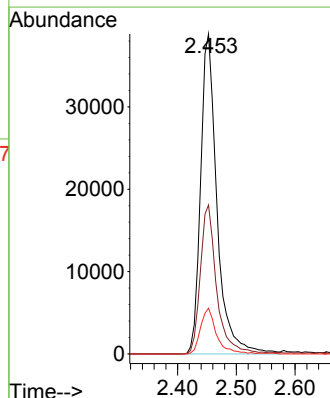
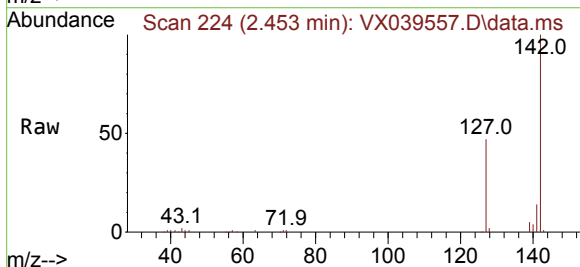
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

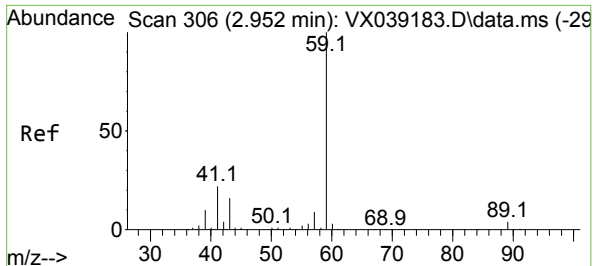
Tgt Ion:101 Resp: 70903
Ion Ratio Lower Upper
101 100
85 47.5 37.0 55.6
151 70.4 58.6 87.8



#10
Methyl Iodide
Concen: 48.941 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX039557.D
Acq: 29 Dec 2023 19:42

Tgt Ion:142 Resp: 75091
Ion Ratio Lower Upper
142 100
127 46.8 41.6 62.4
141 14.0 11.6 17.4

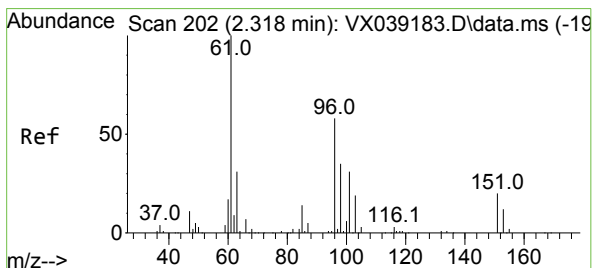
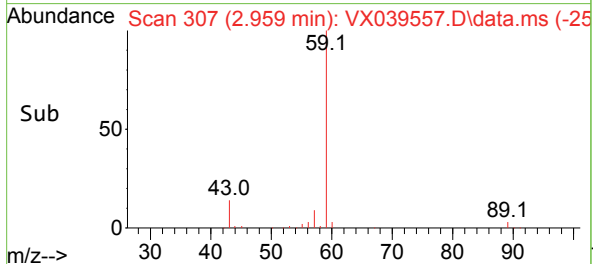
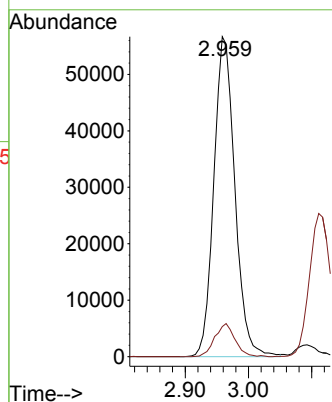
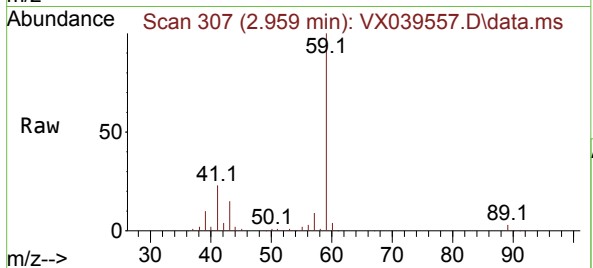




#11
Tert butyl alcohol
Concen: 248.055 ug/l
RT: 2.959 min Scan# 306
Delta R.T. 0.006 min
Lab File: VX039557.D
Acq: 29 Dec 2023 19:42

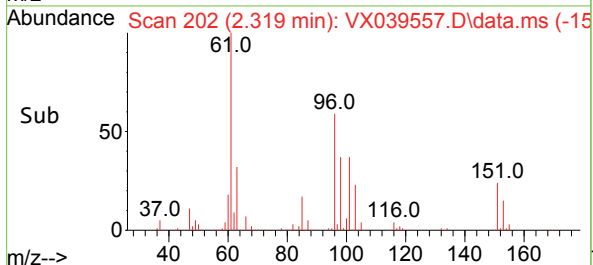
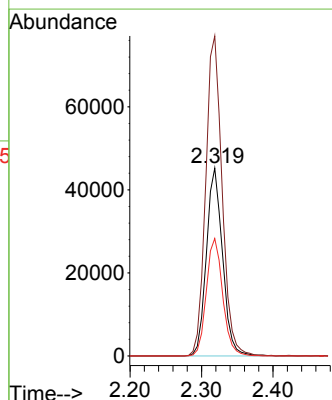
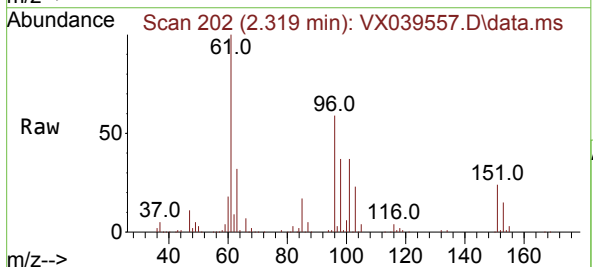
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

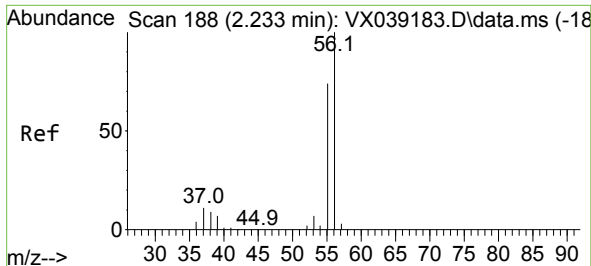
Tgt Ion: 59 Resp: 130841
Ion Ratio Lower Upper
59 100
57 10.0 6.0 9.0#



#12
1,1-Dichloroethene
Concen: 48.171 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX039557.D
Acq: 29 Dec 2023 19:42

Tgt Ion: 96 Resp: 71028
Ion Ratio Lower Upper
96 100
61 170.4 144.6 216.8
98 62.5 50.4 75.6





#13

Acrolein

Concen: 293.832 ug/l

RT: 2.233 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039557.D

Acq: 29 Dec 2023 19:42

Instrument :

MSVOA_X

ClientSampleId :

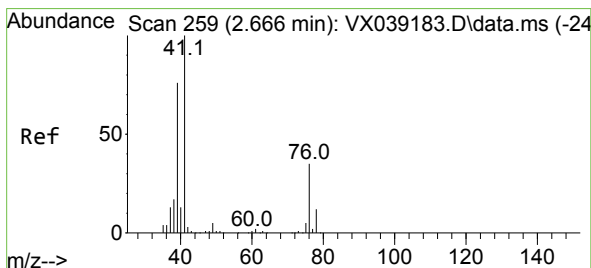
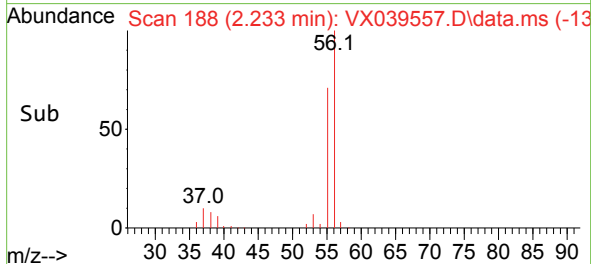
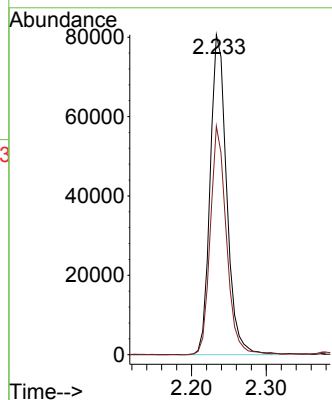
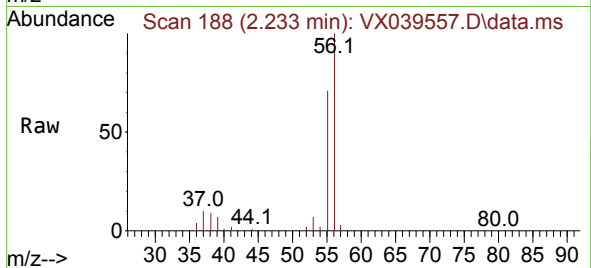
VSTDCCC050EC

Tgt Ion: 56 Resp: 123643

Ion Ratio Lower Upper

56 100

55 69.7 57.1 85.7



#14

Allyl chloride

Concen: 47.690 ug/l

RT: 2.660 min Scan# 258

Delta R.T. -0.006 min

Lab File: VX039557.D

Acq: 29 Dec 2023 19:42

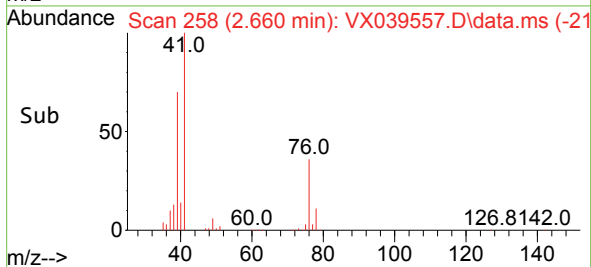
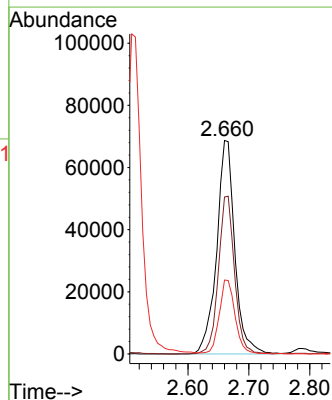
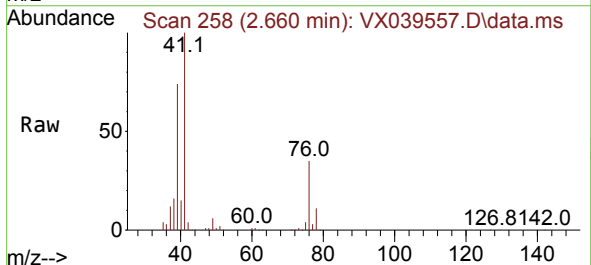
Tgt Ion: 41 Resp: 142448

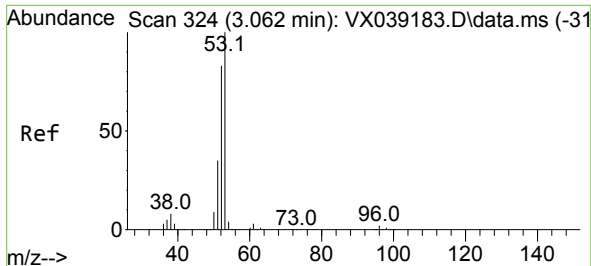
Ion Ratio Lower Upper

41 100

39 65.8 55.8 83.6

76 30.2 24.3 36.5

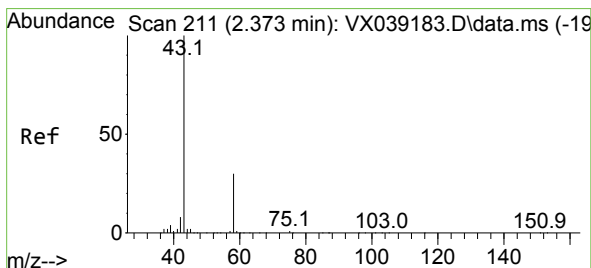
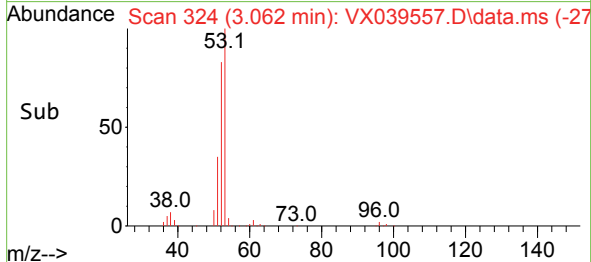
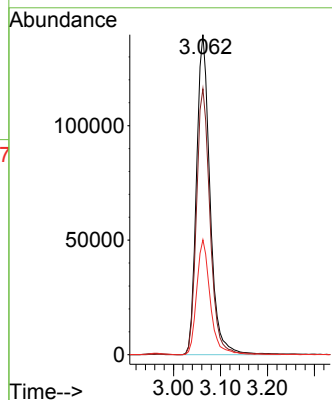
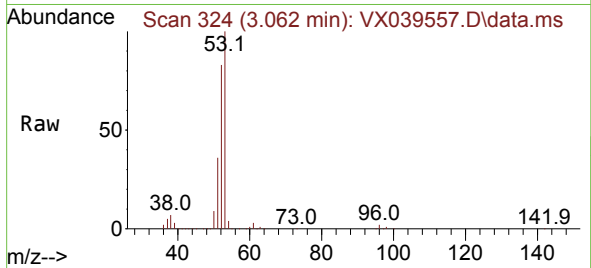




#15
Acrylonitrile
Concen: 265.988 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX039557.D
Acq: 29 Dec 2023 19:42

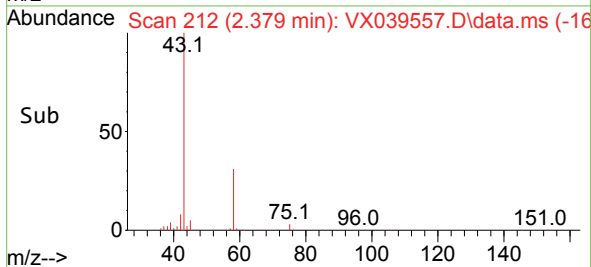
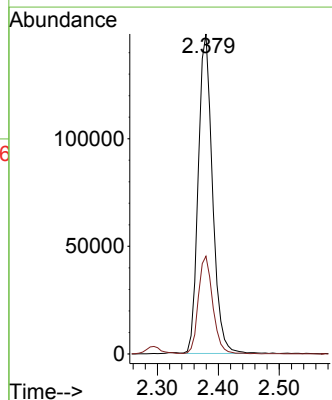
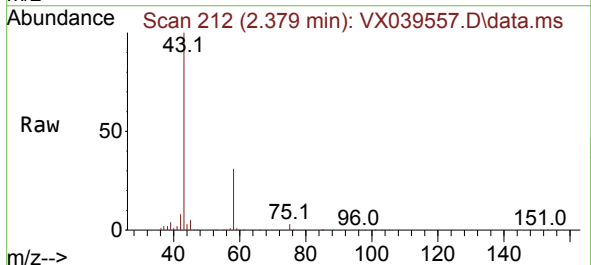
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

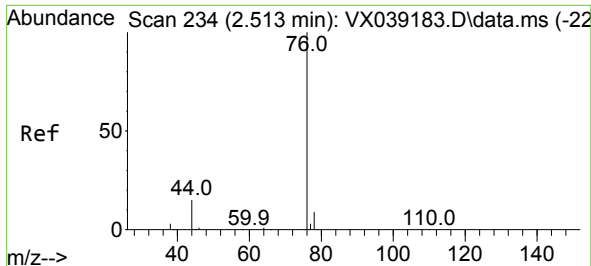
Tgt Ion: 53 Resp: 280828
Ion Ratio Lower Upper
53 100
52 83.0 66.0 99.0
51 36.0 29.8 44.6



#16
Acetone
Concen: 192.021 ug/l
RT: 2.379 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX039557.D
Acq: 29 Dec 2023 19:42

Tgt Ion: 43 Resp: 240793
Ion Ratio Lower Upper
43 100
58 30.5 21.9 32.9

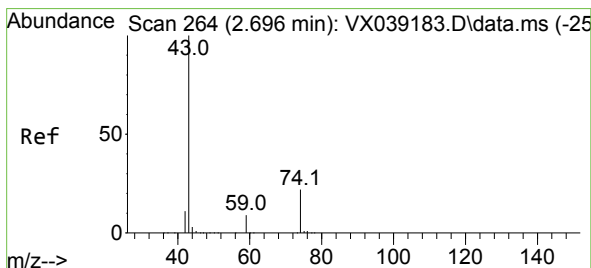
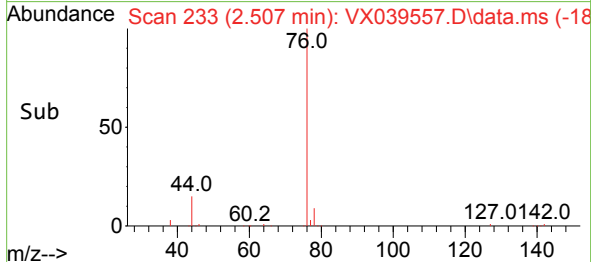
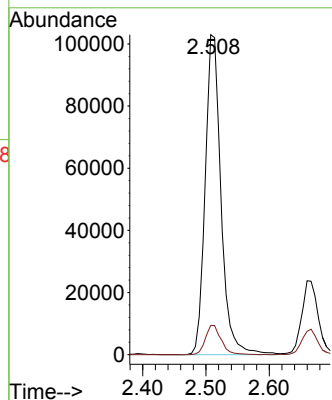
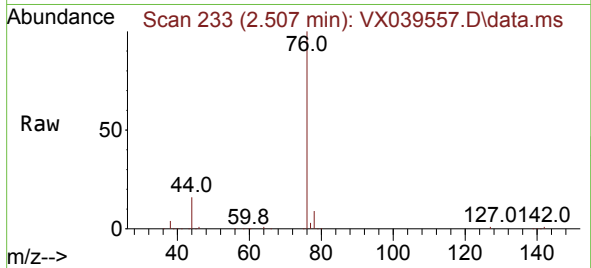




#17
Carbon Disulfide
Concen: 41.602 ug/l
RT: 2.507 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX039557.D
Acq: 29 Dec 2023 19:42

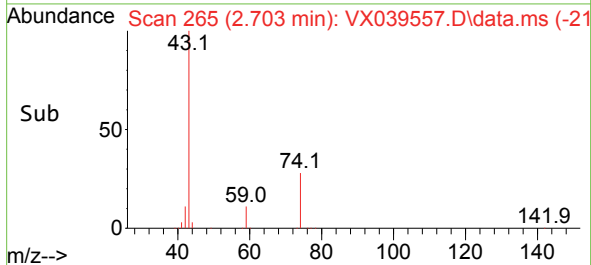
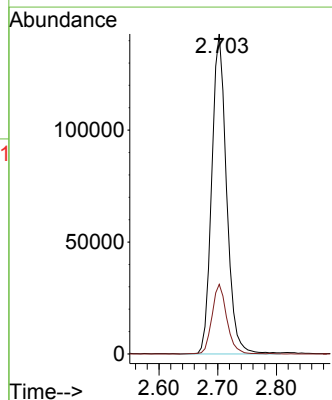
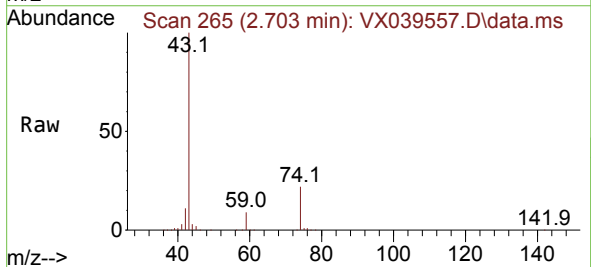
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

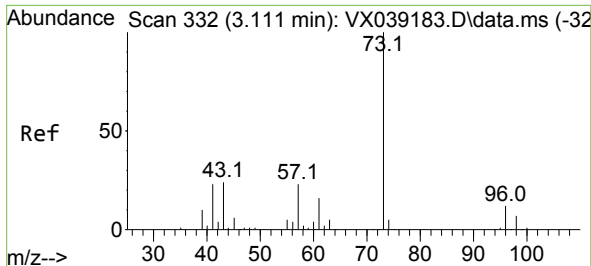
Tgt Ion: 76 Resp: 179506
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6



#18
Methyl Acetate
Concen: 55.163 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX039557.D
Acq: 29 Dec 2023 19:42

Tgt Ion: 43 Resp: 250617
Ion Ratio Lower Upper
43 100
74 21.8 17.8 26.8

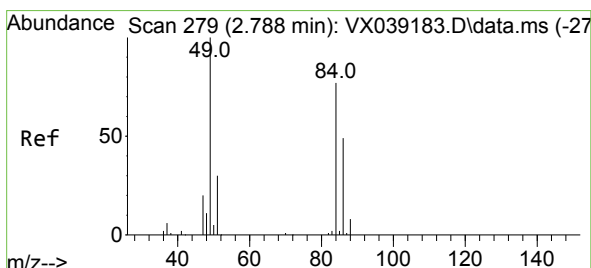
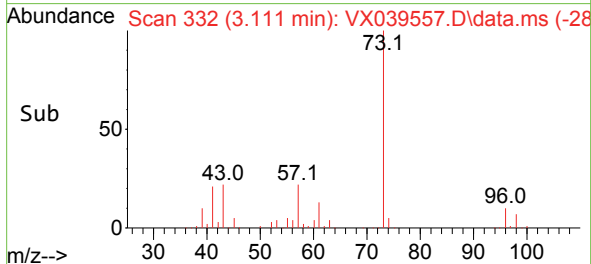
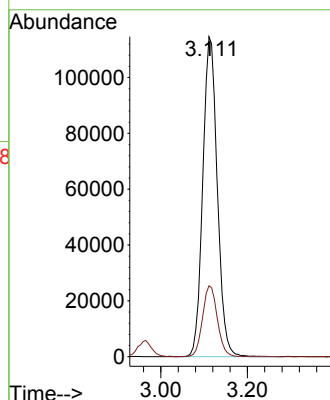
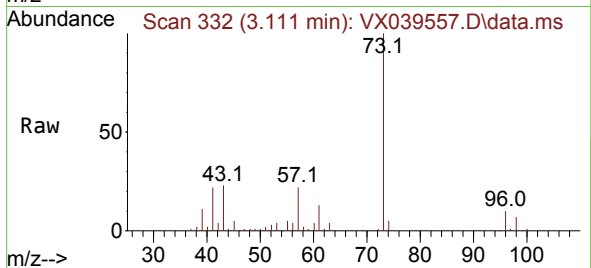




#19
Methyl tert-butyl Ether
Concen: 49.944 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX039557.D
Acq: 29 Dec 2023 19:42

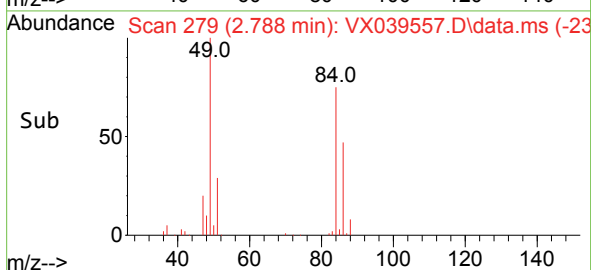
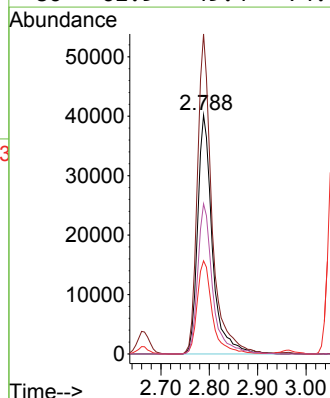
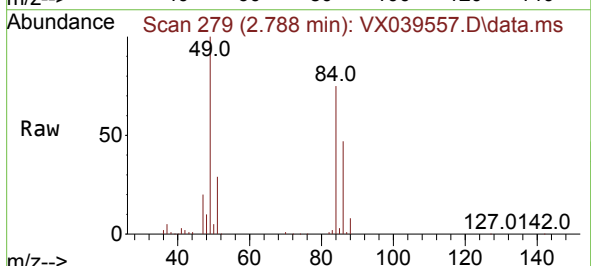
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

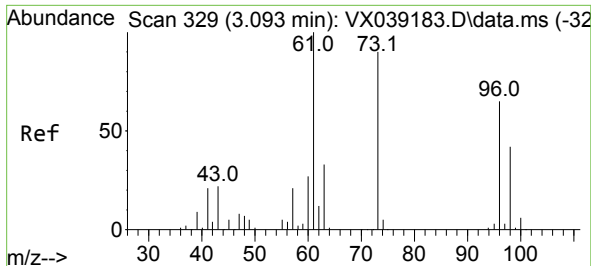
Tgt Ion: 73 Resp: 266330
Ion Ratio Lower Upper
73 100
57 22.1 17.3 25.9



#20
Methylene Chloride
Concen: 48.585 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX039557.D
Acq: 29 Dec 2023 19:42

Tgt Ion: 84 Resp: 85072
Ion Ratio Lower Upper
84 100
49 134.0 103.6 155.4
51 39.0 33.8 50.6
86 62.9 49.4 74.0

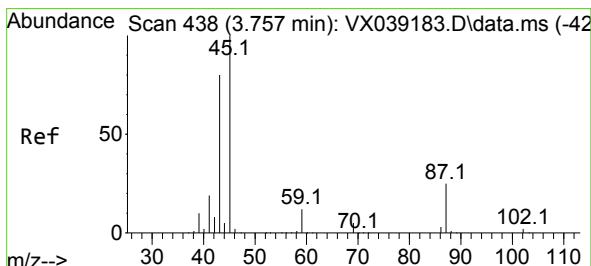
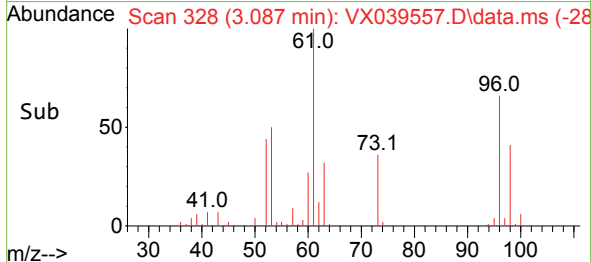
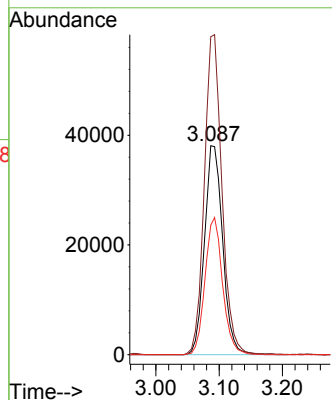
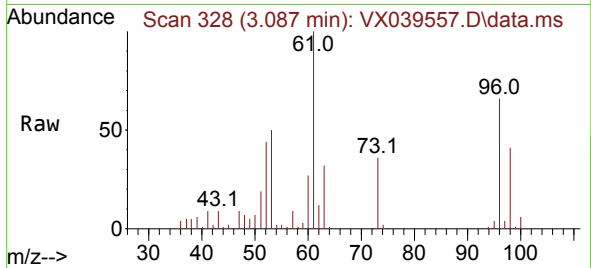




#21
trans-1,2-Dichloroethene
Concen: 47.468 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX039557.D
Acq: 29 Dec 2023 19:42

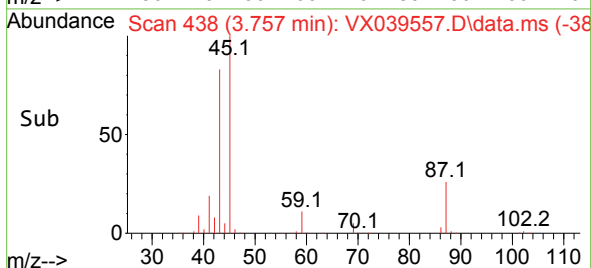
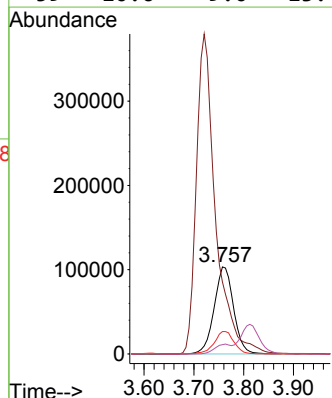
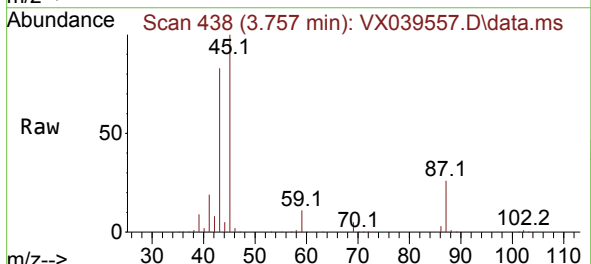
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

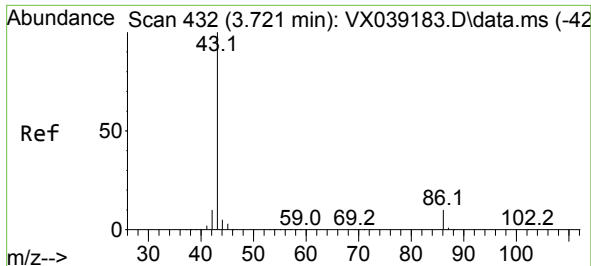
Tgt Ion: 96 Resp: 76159
Ion Ratio Lower Upper
96 100
61 152.1 119.2 178.8
98 61.9 48.7 73.1



#22
Diisopropyl ether
Concen: 51.305 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX039557.D
Acq: 29 Dec 2023 19:42

Tgt Ion: 45 Resp: 278955
Ion Ratio Lower Upper
45 100
43 82.5 69.7 104.5
87 25.7 20.8 31.2
59 10.6 9.0 13.4

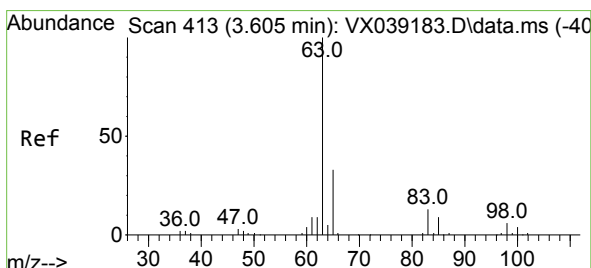
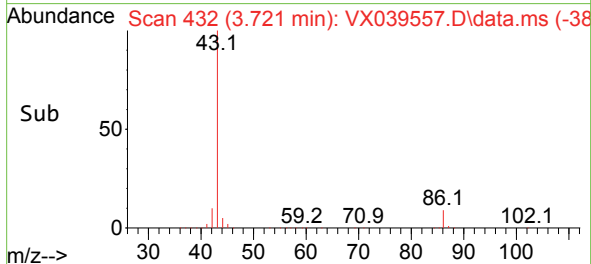
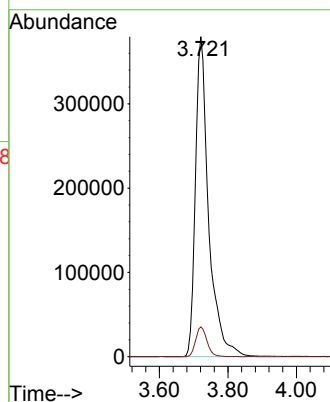
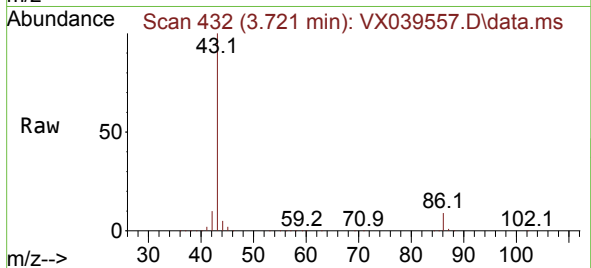




#23
 Vinyl Acetate
 Concen: 251.854 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX039557.D
 Acq: 29 Dec 2023 19:42

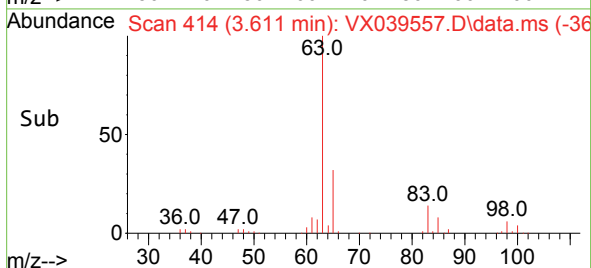
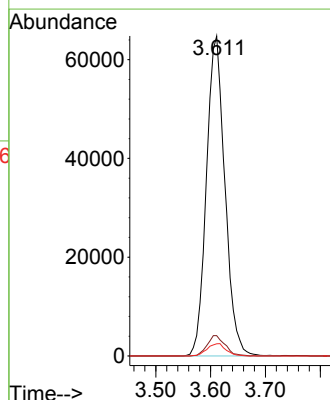
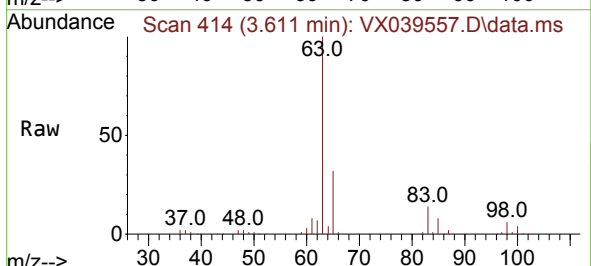
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

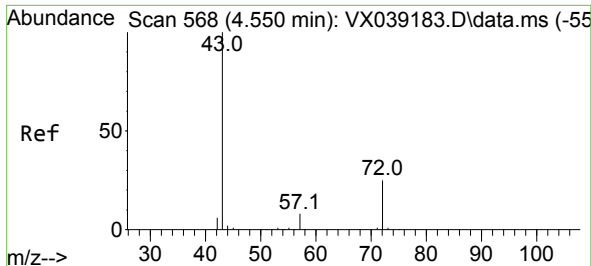
Tgt Ion: 43 Resp: 1019469
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 49.301 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX039557.D
 Acq: 29 Dec 2023 19:42

Tgt Ion: 63 Resp: 151531
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.3 9.8
 100 3.8 2.1 6.5

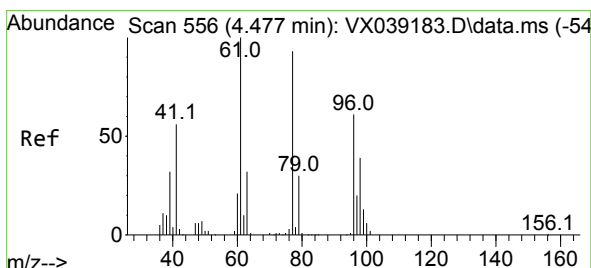
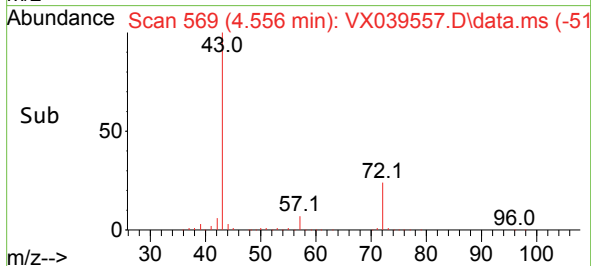
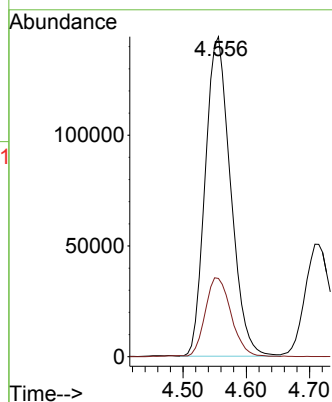
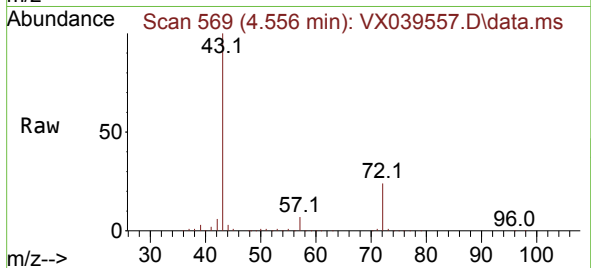




#25
2-Butanone
Concen: 221.423 ug/l
RT: 4.556 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX039557.D
Acq: 29 Dec 2023 19:42

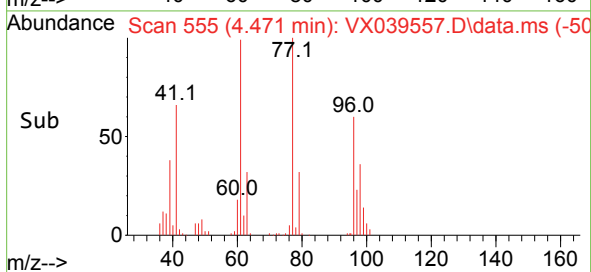
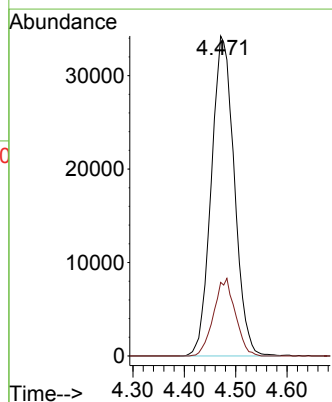
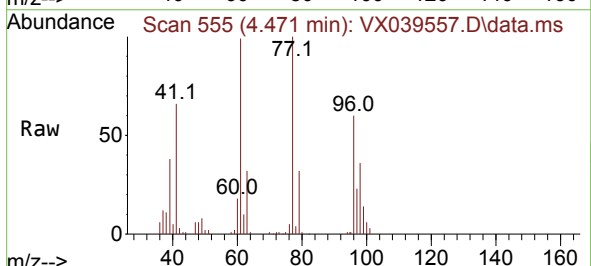
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 401344
Ion Ratio Lower Upper
43 100
72 24.4 19.4 29.2



#26
2,2-Dichloropropane
Concen: 39.605 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX039557.D
Acq: 29 Dec 2023 19:42

Tgt Ion: 77 Resp: 106273
Ion Ratio Lower Upper
77 100
97 22.9 10.8 32.3

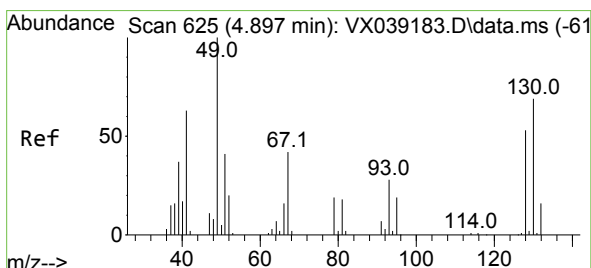
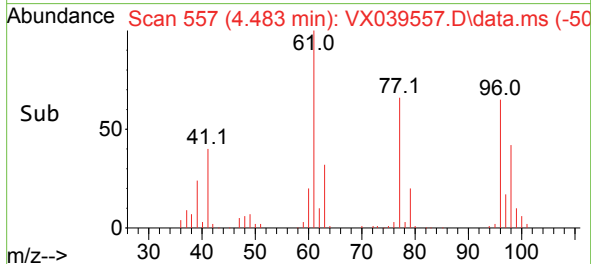
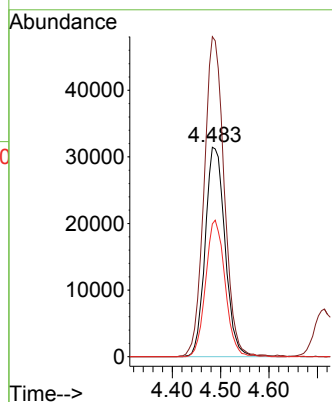
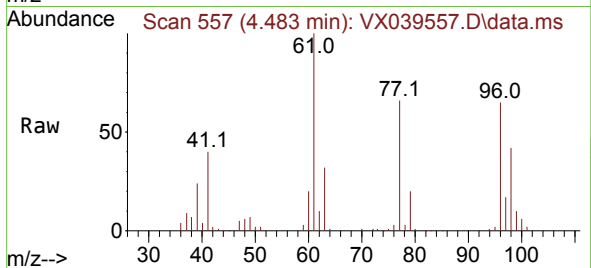




#27
 cis-1,2-Dichloroethene
 Concen: 50.428 ug/l
 RT: 4.483 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VX039557.D
 Acq: 29 Dec 2023 19:42

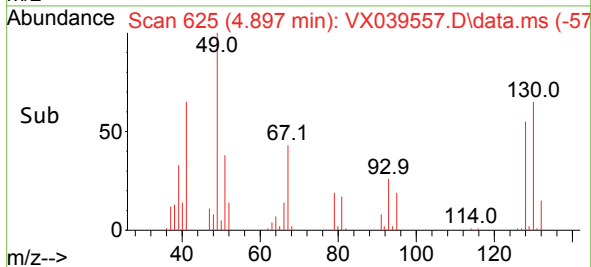
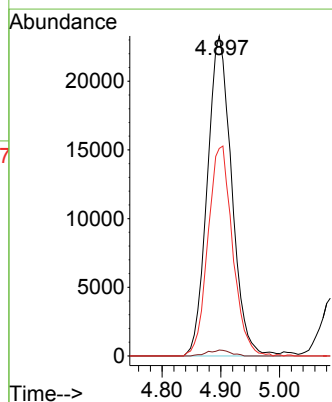
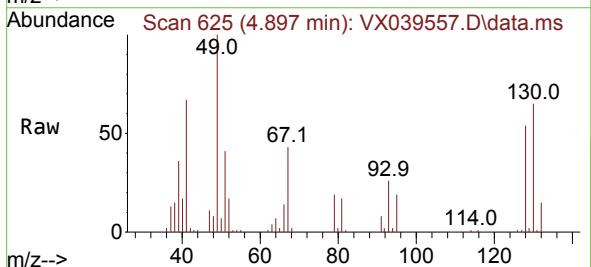
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 89304
 Ion Ratio Lower Upper
 96 100
 61 155.2 0.0 312.2
 98 64.1 0.0 129.0



#28
 Bromochloromethane
 Concen: 44.742 ug/l
 RT: 4.897 min Scan# 625
 Delta R.T. 0.000 min
 Lab File: VX039557.D
 Acq: 29 Dec 2023 19:42

Tgt Ion: 49 Resp: 67099
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.8
 130 66.2 57.5 86.3





#29

Tetrahydrofuran

Concen: 266.118 ug/l

RT: 5.001 min Scan# 641

Delta R.T. 0.006 min

Lab File: VX039557.D

Acq: 29 Dec 2023 19:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

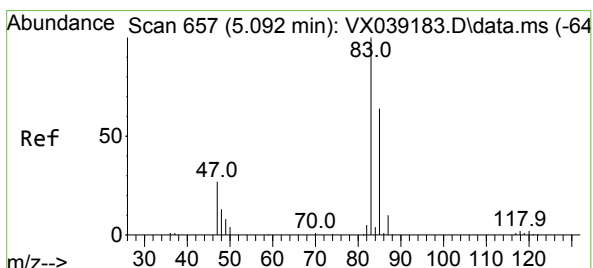
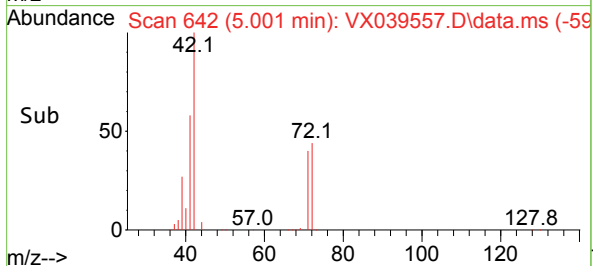
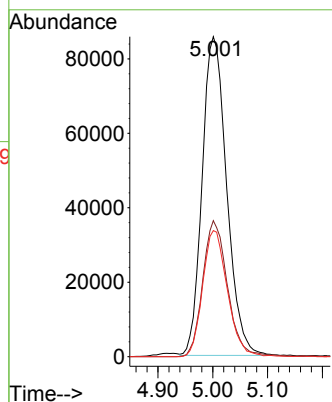
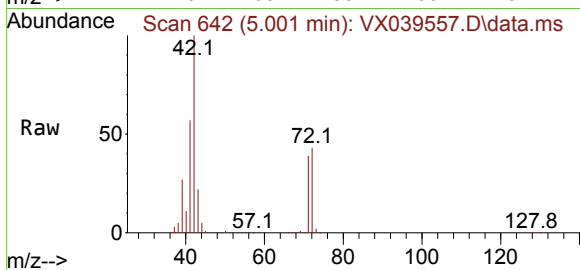
Tgt Ion: 42 Resp: 266379

Ion Ratio Lower Upper

42 100

72 43.0 34.2 51.4

71 39.8 32.2 48.2



#30

Chloroform

Concen: 48.508 ug/l

RT: 5.092 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX039557.D

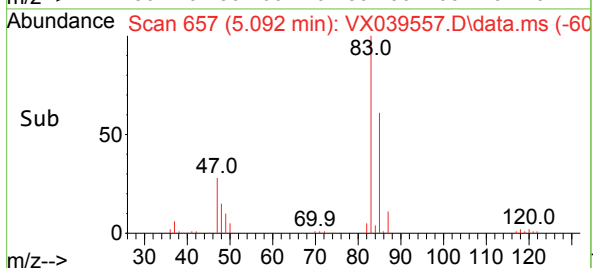
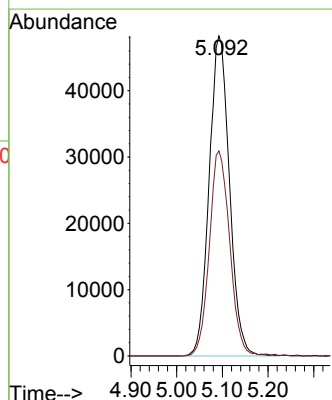
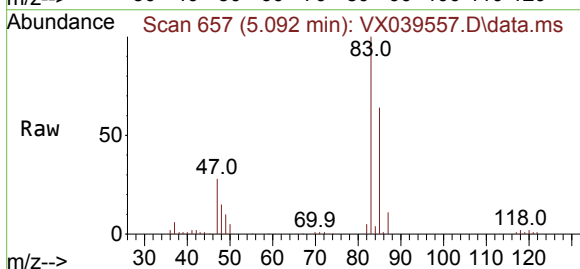
Acq: 29 Dec 2023 19:42

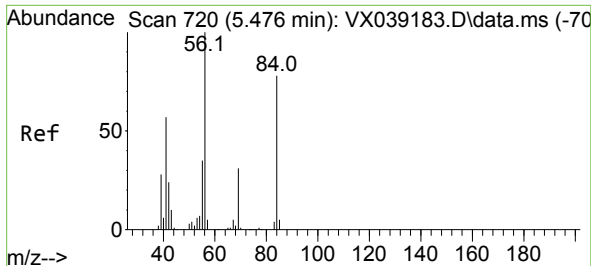
Tgt Ion: 83 Resp: 148993

Ion Ratio Lower Upper

83 100

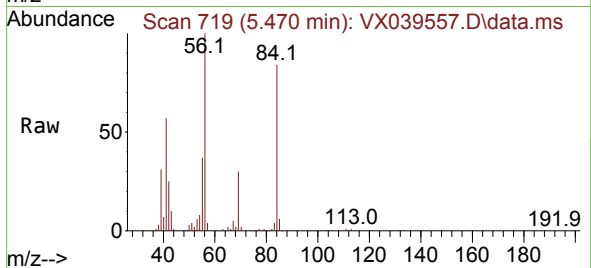
85 64.1 50.3 75.5



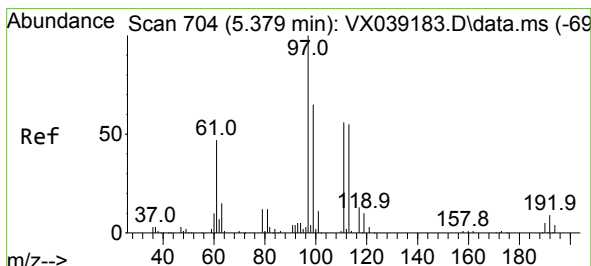
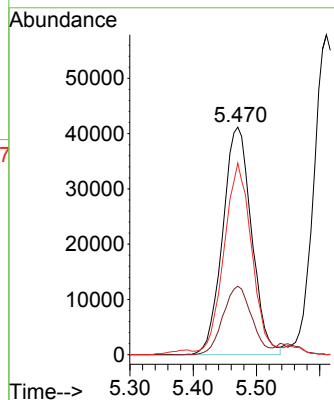
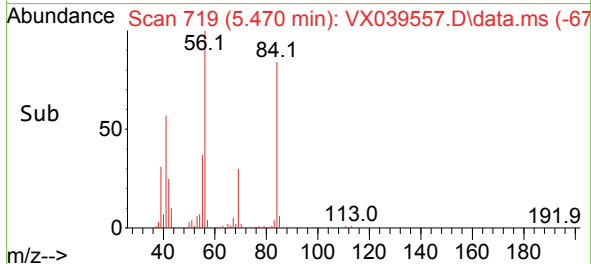


#31
Cyclohexane
Concen: 48.047 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX039557.D
Acq: 29 Dec 2023 19:42

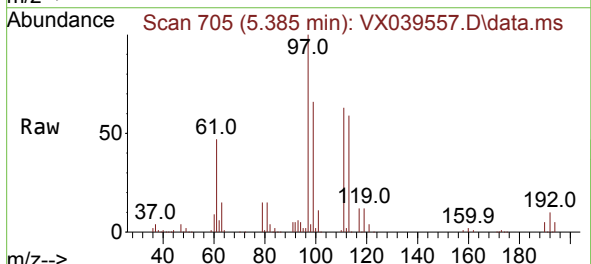
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



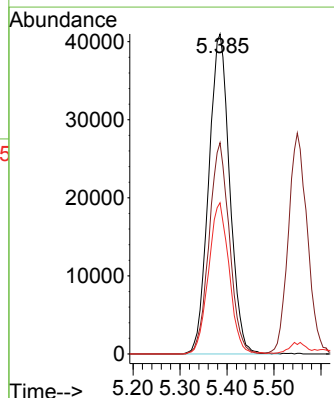
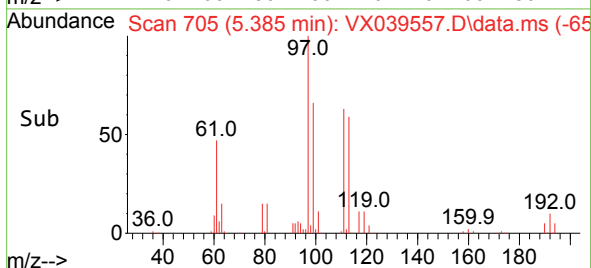
Tgt Ion: 56 Resp: 130352
Ion Ratio Lower Upper
56 100
69 30.1 23.4 35.2
84 82.2 65.9 98.9

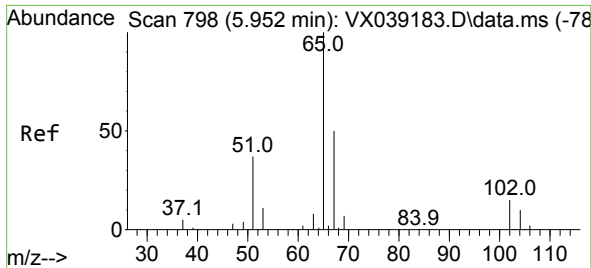


#32
1,1,1-Trichloroethane
Concen: 47.521 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX039557.D
Acq: 29 Dec 2023 19:42



Tgt Ion: 97 Resp: 126711
Ion Ratio Lower Upper
97 100
99 64.1 51.1 76.7
61 46.7 36.4 54.6

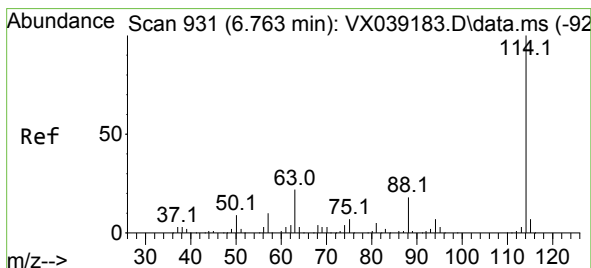
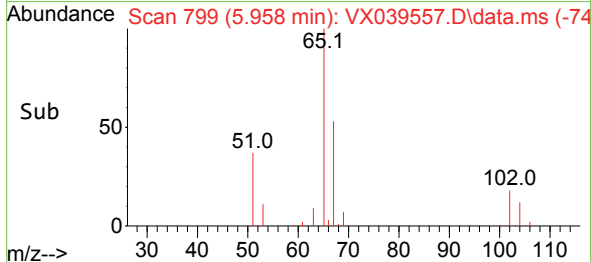
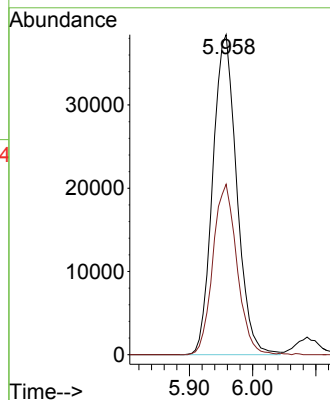
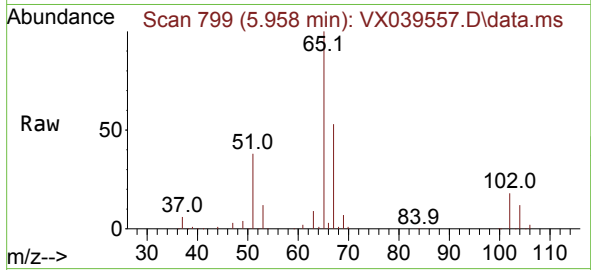




#33
 1,2-Dichloroethane-d4
 Concen: 48.188 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.006 min
 Lab File: VX039557.D
 Acq: 29 Dec 2023 19:42

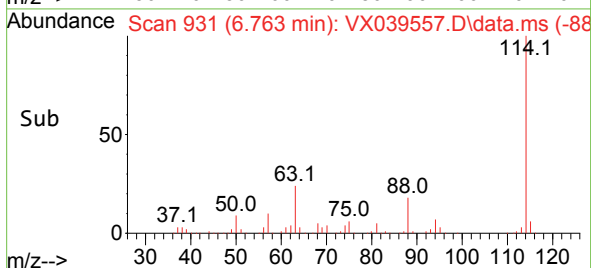
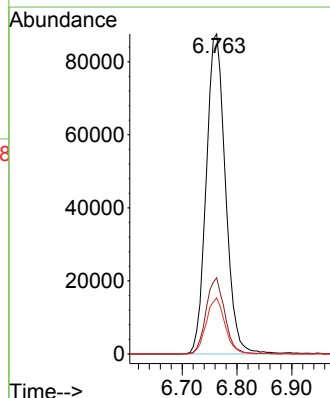
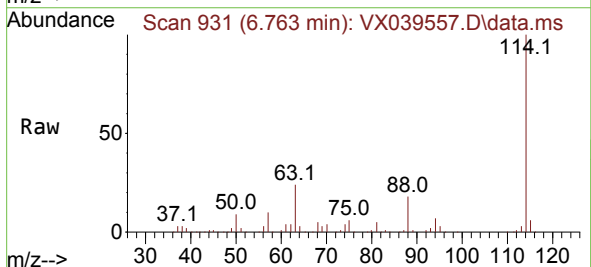
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

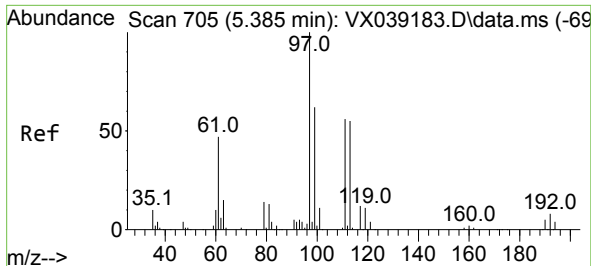
Tgt Ion: 65 Resp: 101218
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX039557.D
 Acq: 29 Dec 2023 19:42

Tgt Ion: 114 Resp: 212572
 Ion Ratio Lower Upper
 114 100
 63 23.8 0.0 45.0
 88 17.6 0.0 36.6

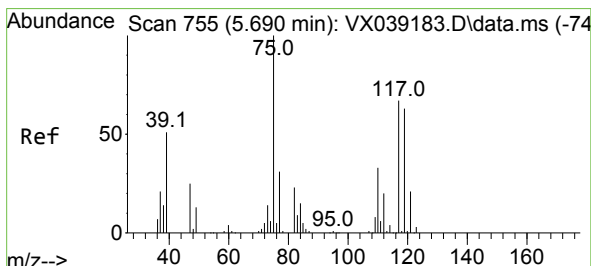
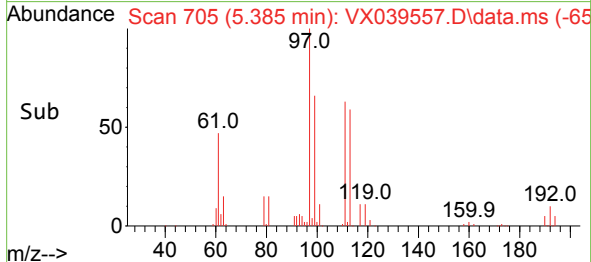
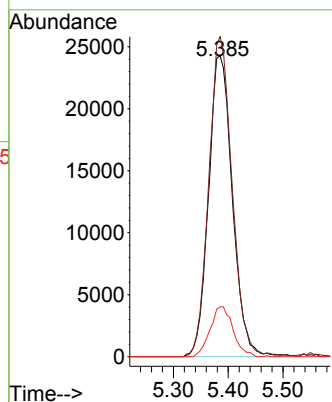
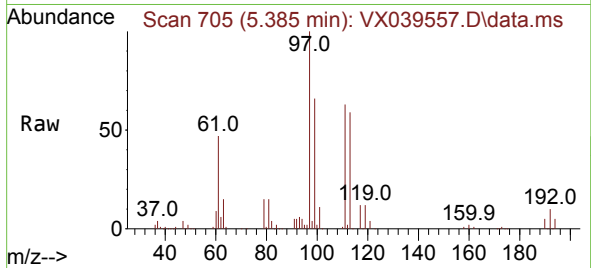




#35
Dibromofluoromethane
Concen: 49.815 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039557.D
Acq: 29 Dec 2023 19:42

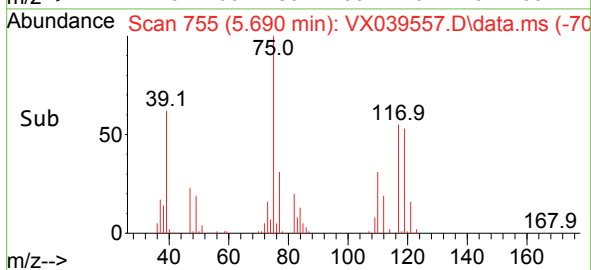
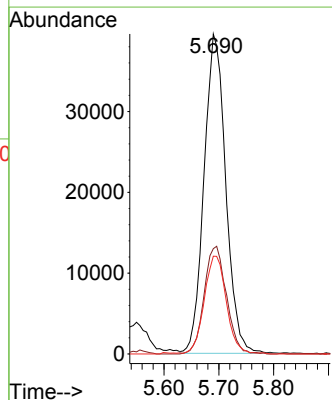
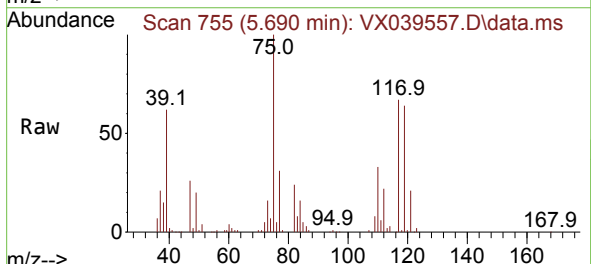
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:113 Resp: 73156
Ion Ratio Lower Upper
113 100
111 104.4 82.9 124.3
192 16.0 13.3 19.9



#36
1,1-Dichloropropene
Concen: 46.871 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX039557.D
Acq: 29 Dec 2023 19:42

Tgt Ion: 75 Resp: 108620
Ion Ratio Lower Upper
75 100
110 34.5 17.0 50.9
77 30.5 24.7 37.1





#37

Ethyl Acetate

Concen: 52.275 ug/l

RT: 4.708 min Scan# 594

Delta R.T. 0.000 min

Lab File: VX039557.D

Acq: 29 Dec 2023 19:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

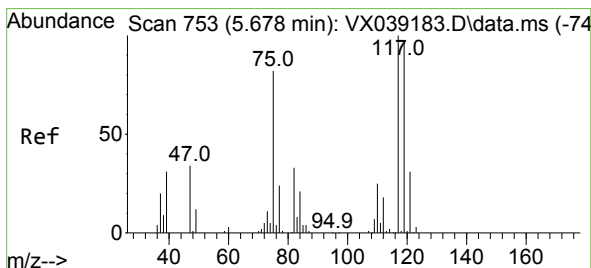
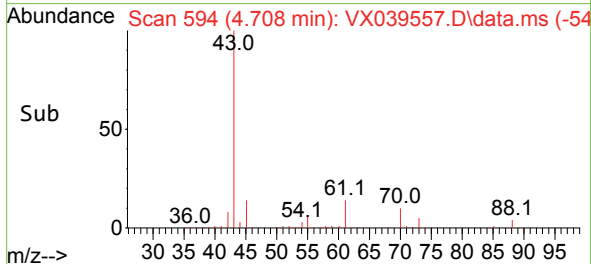
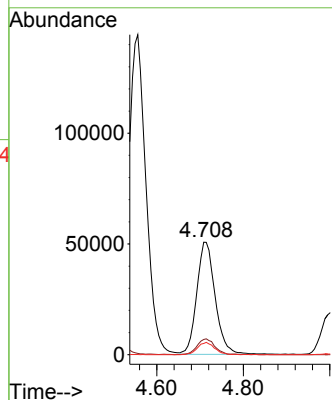
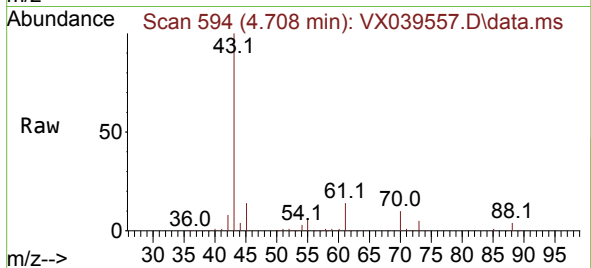
Tgt Ion: 43 Resp: 149666

Ion Ratio Lower Upper

43 100

61 13.9 10.6 16.0

70 10.2 8.3 12.5



#38

Carbon Tetrachloride

Concen: 45.172 ug/l

RT: 5.678 min Scan# 753

Delta R.T. 0.000 min

Lab File: VX039557.D

Acq: 29 Dec 2023 19:42

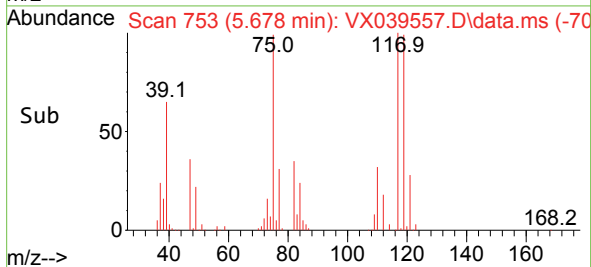
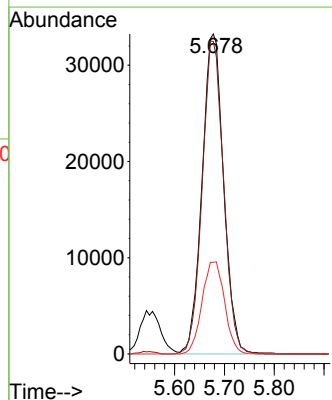
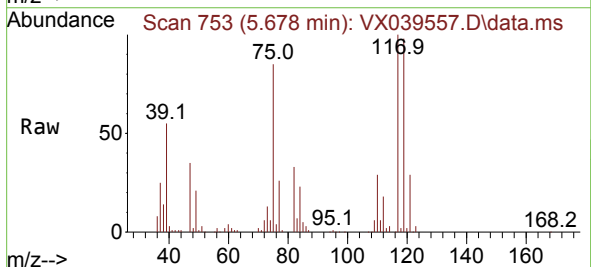
Tgt Ion: 117 Resp: 99901

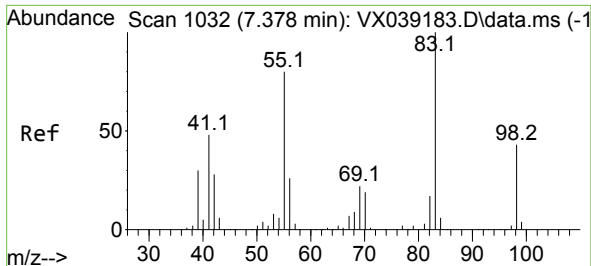
Ion Ratio Lower Upper

117 100

119 97.7 78.2 117.2

121 28.7 24.4 36.6

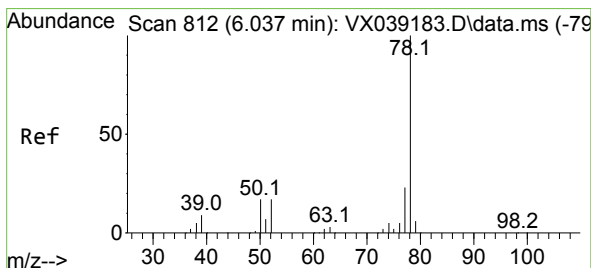
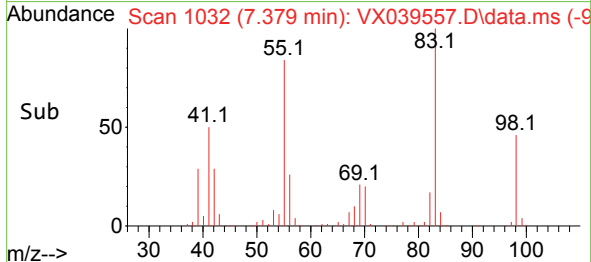
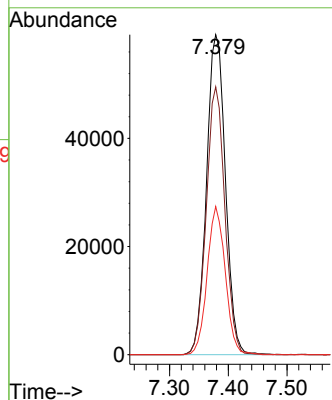
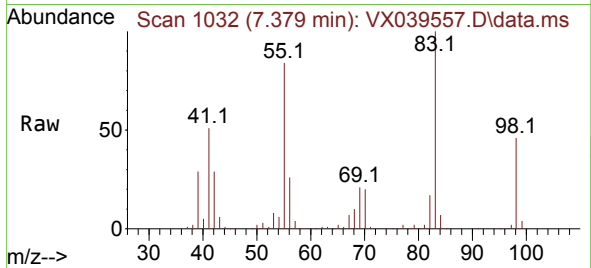




#39
Methylcyclohexane
Concen: 47.624 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX039557.D
Acq: 29 Dec 2023 19:42

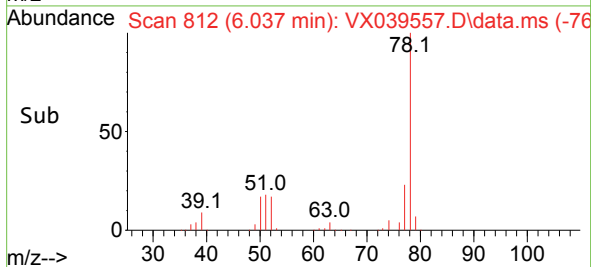
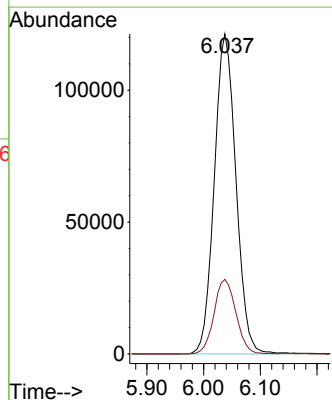
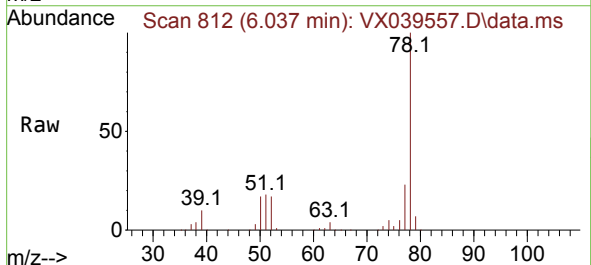
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

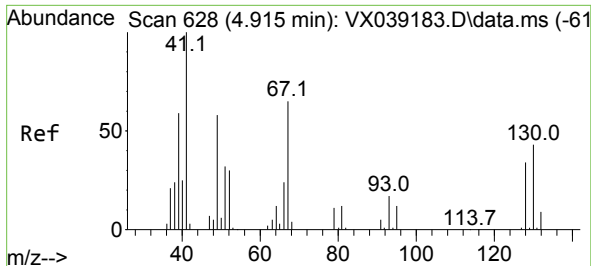
Tgt Ion: 83 Resp: 132570
Ion Ratio Lower Upper
83 100
55 83.7 64.6 97.0
98 46.3 36.7 55.1



#40
Benzene
Concen: 48.970 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX039557.D
Acq: 29 Dec 2023 19:42

Tgt Ion: 78 Resp: 321016
Ion Ratio Lower Upper
78 100
77 23.3 19.3 28.9

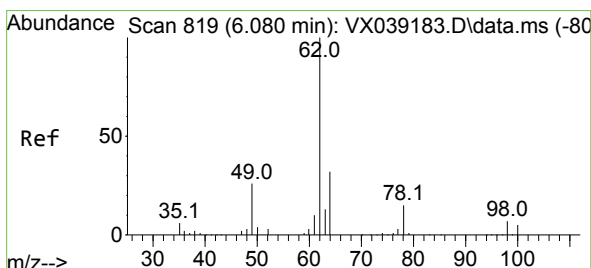
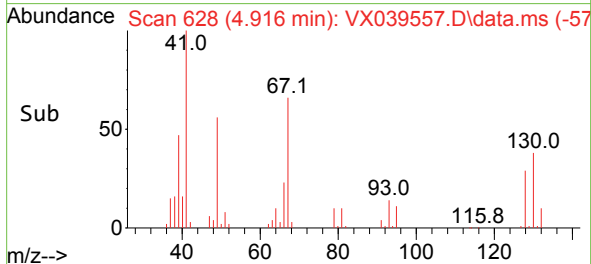
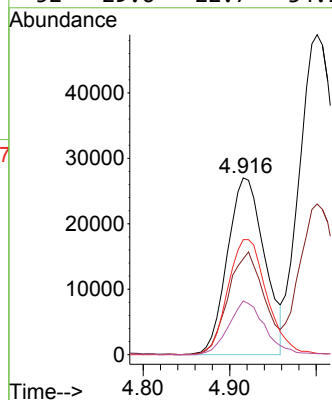
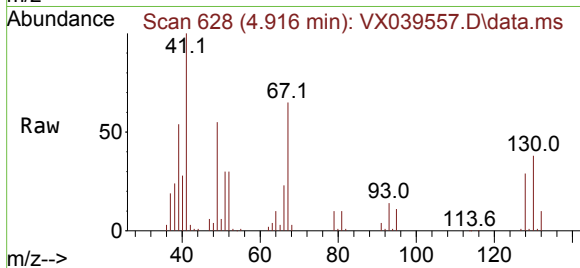




#41
Methacrylonitrile
Concen: 52.849 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX039557.D
Acq: 29 Dec 2023 19:42

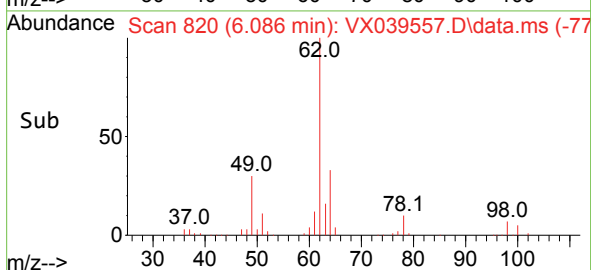
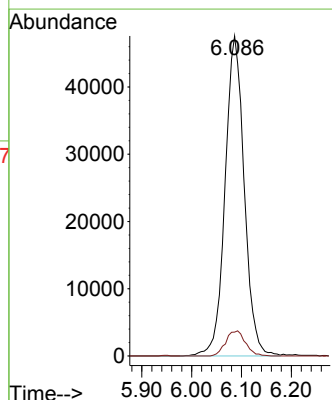
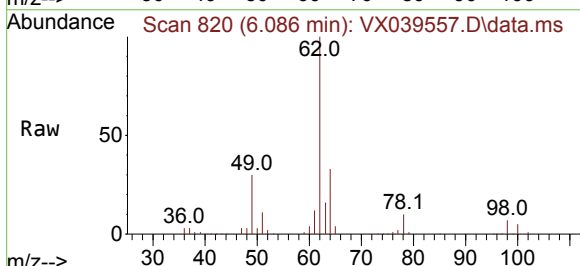
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

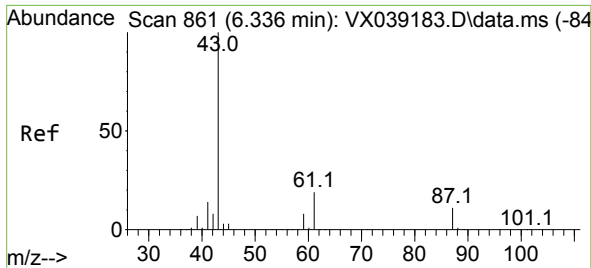
Tgt Ion:	41	Resp:	80731
Ion	Ratio	Lower	Upper
41	100		
39	56.7	45.2	67.8
67	68.4	52.6	78.8
52	29.6	22.7	34.1



#42
1,2-Dichloroethane
Concen: 47.800 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX039557.D
Acq: 29 Dec 2023 19:42

Tgt Ion:	62	Resp:	126841
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	16.0

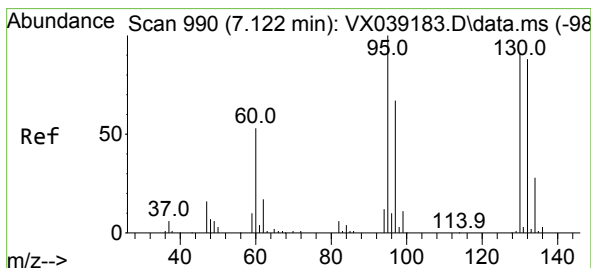
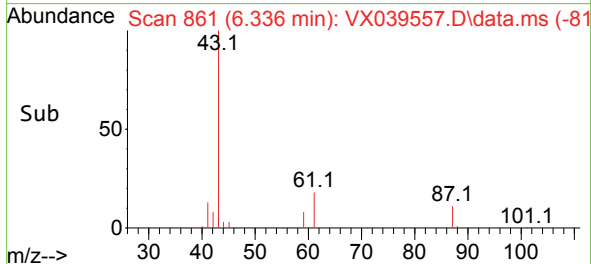
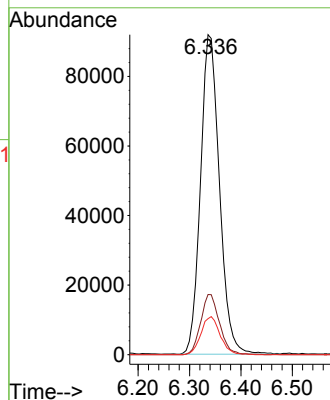
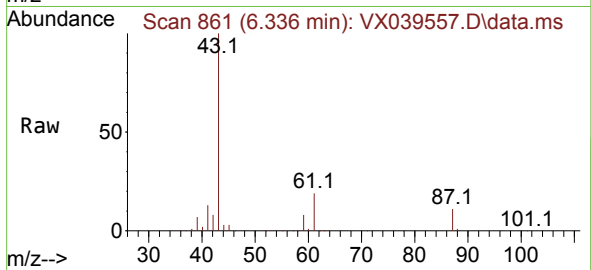




#43
Isopropyl Acetate
Concen: 50.591 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX039557.D
Acq: 29 Dec 2023 19:42

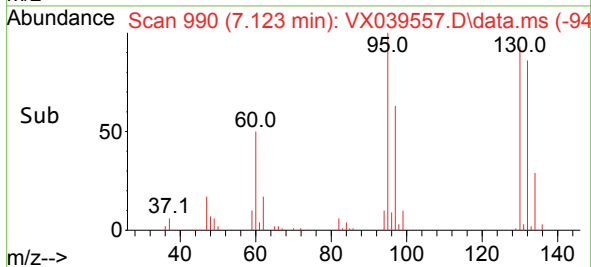
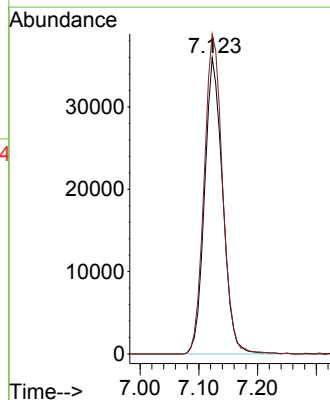
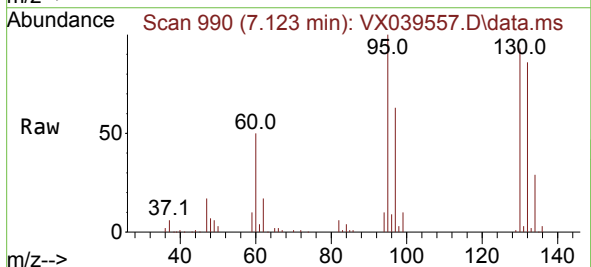
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 235537
Ion Ratio Lower Upper
43 100
61 18.7 15.2 22.8
87 12.1 9.8 14.6



#44
Trichloroethene
Concen: 46.732 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX039557.D
Acq: 29 Dec 2023 19:42

Tgt Ion:130 Resp: 77305
Ion Ratio Lower Upper
130 100
95 108.0 0.0 204.4

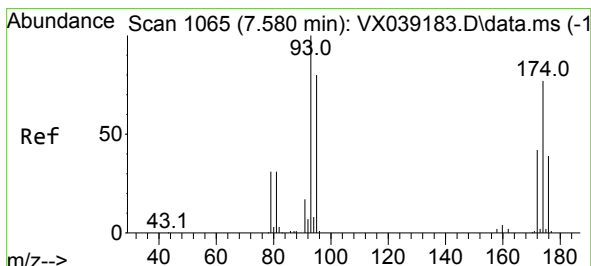
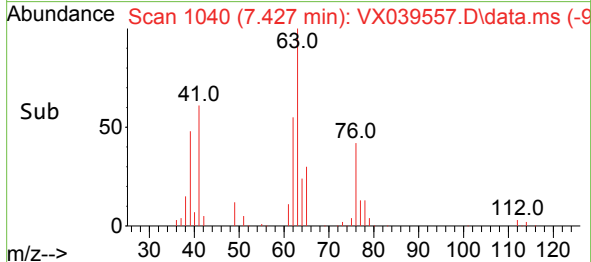
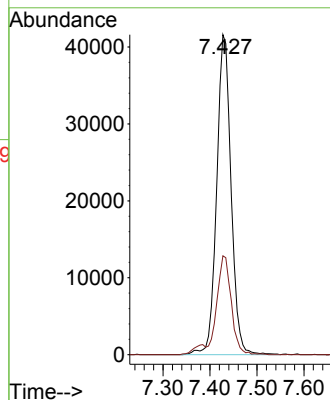
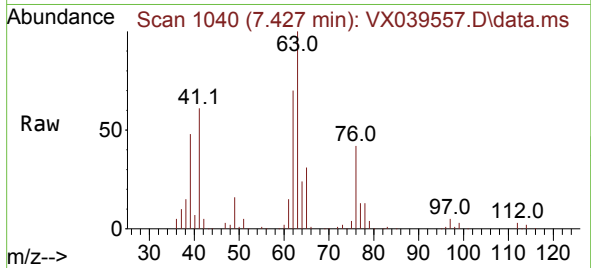




#45
1,2-Dichloropropane
Concen: 50.360 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX039557.D
Acq: 29 Dec 2023 19:42

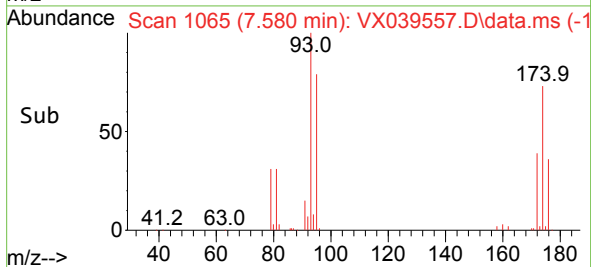
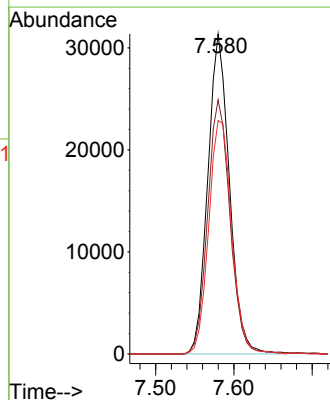
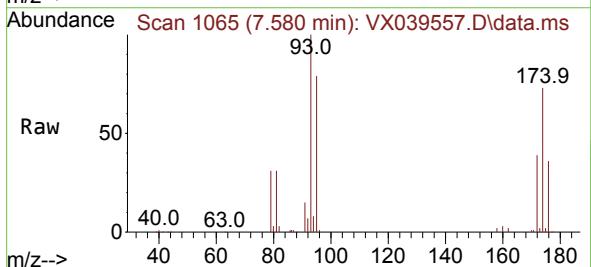
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

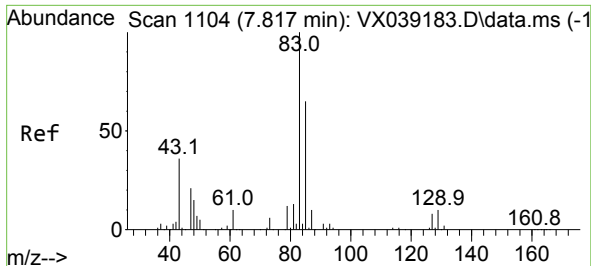
Tgt Ion: 63 Resp: 88601
Ion Ratio Lower Upper
63 100
65 30.9 24.3 36.5



#46
Dibromomethane
Concen: 48.583 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX039557.D
Acq: 29 Dec 2023 19:42

Tgt Ion: 93 Resp: 60085
Ion Ratio Lower Upper
93 100
95 82.5 66.6 100.0
174 77.6 69.4 104.0

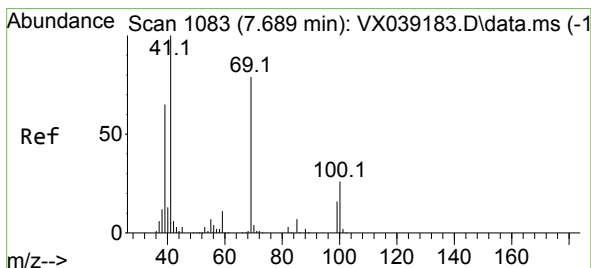
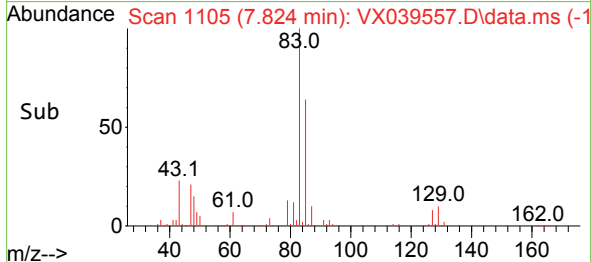
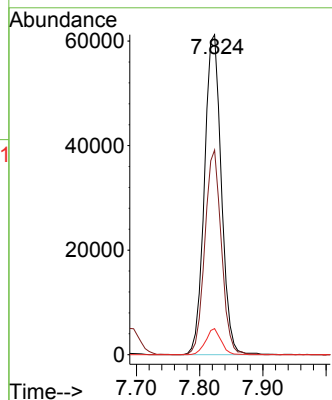
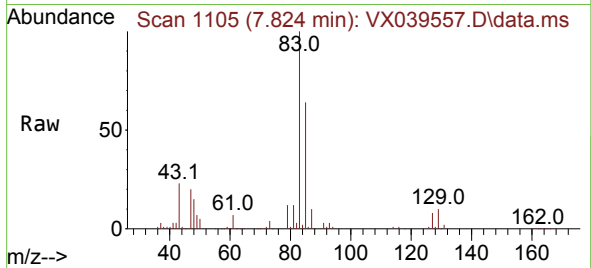




#47
Bromodichloromethane
Concen: 48.123 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX039557.D
Acq: 29 Dec 2023 19:42

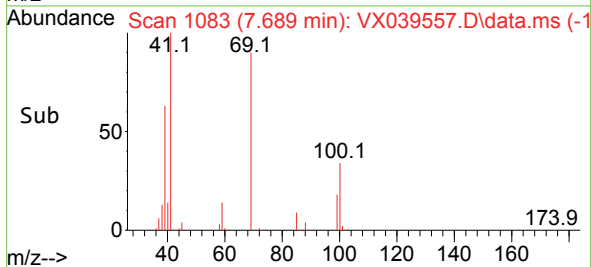
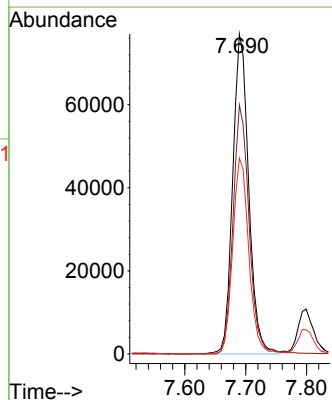
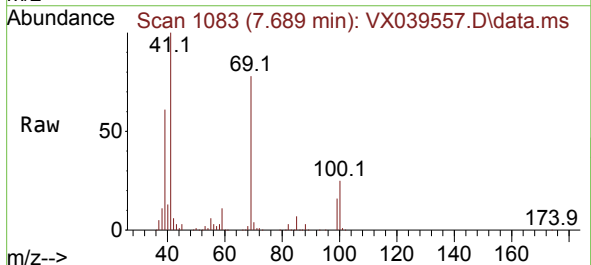
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

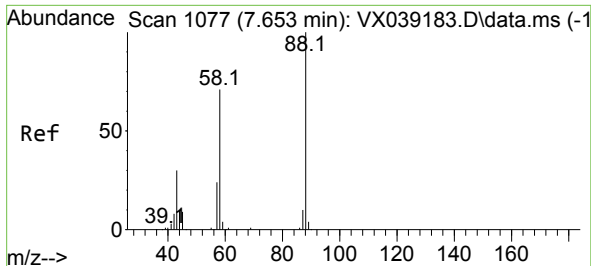
Tgt Ion: 83 Resp: 113794
Ion Ratio Lower Upper
83 100
85 63.9 49.8 74.6
127 8.2 7.1 10.7



#48
Methyl methacrylate
Concen: 51.523 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX039557.D
Acq: 29 Dec 2023 19:42

Tgt Ion: 41 Resp: 140237
Ion Ratio Lower Upper
41 100
69 78.4 59.2 88.8
39 61.8 47.7 71.5





#49

1,4-Dioxane

Concen: 1132.847 ug/l

RT: 7.659 min Scan# 1077

Delta R.T. 0.006 min

Lab File: VX039557.D

Acq: 29 Dec 2023 19:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

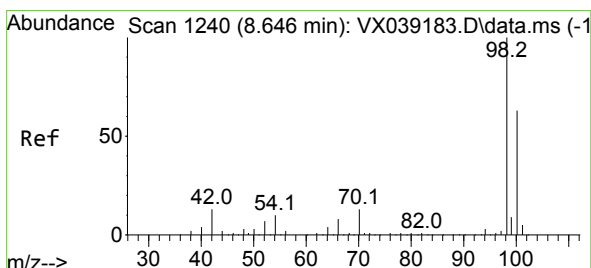
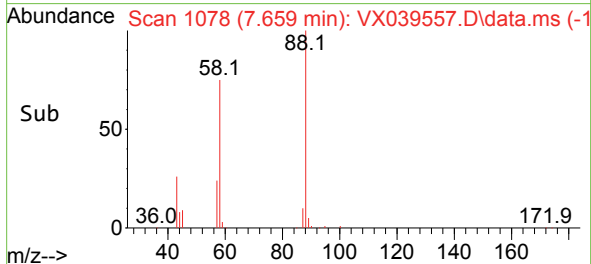
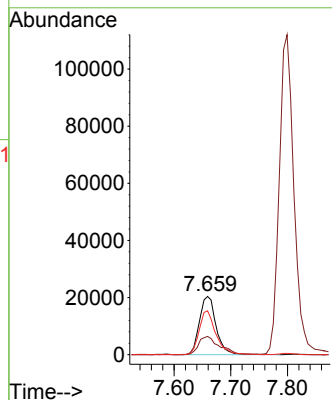
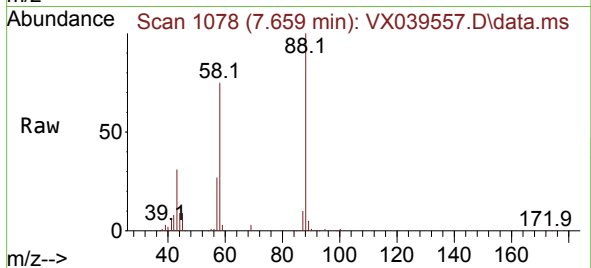
Tgt Ion: 88 Resp: 41563

Ion Ratio Lower Upper

88 100

43 39.8 0.0 0.0#

58 75.6 60.1 90.1



#50

Toluene-d8

Concen: 50.847 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX039557.D

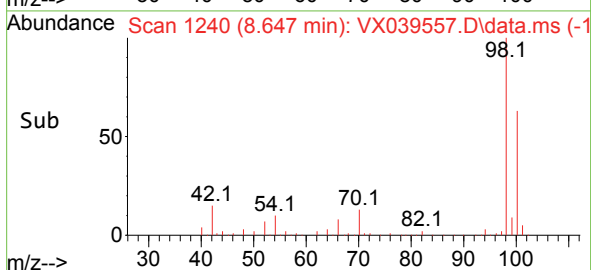
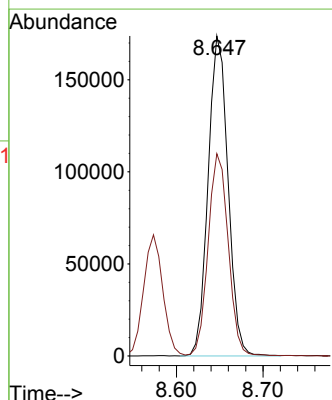
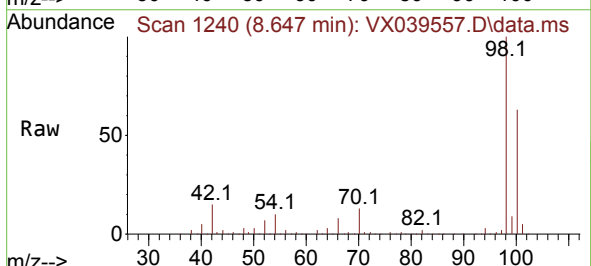
Acq: 29 Dec 2023 19:42

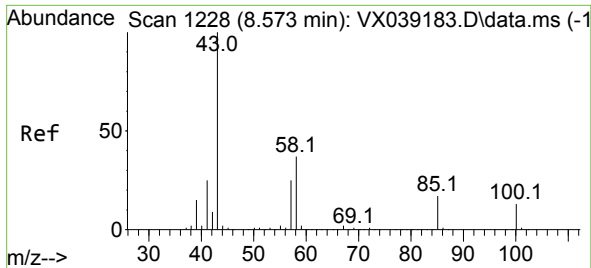
Tgt Ion: 98 Resp: 277219

Ion Ratio Lower Upper

98 100

100 64.2 53.1 79.7

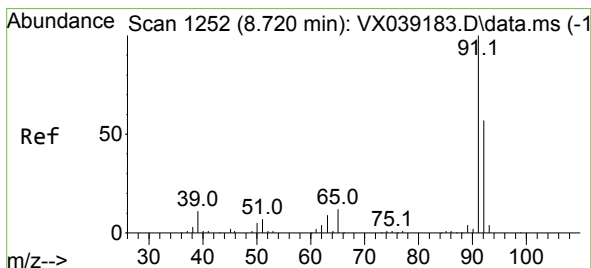
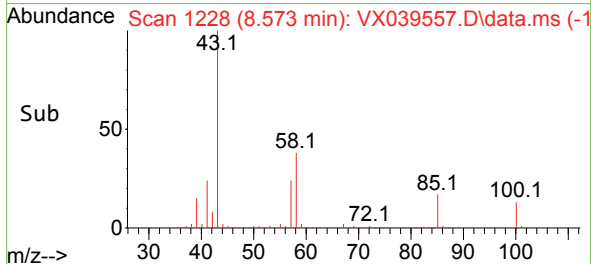
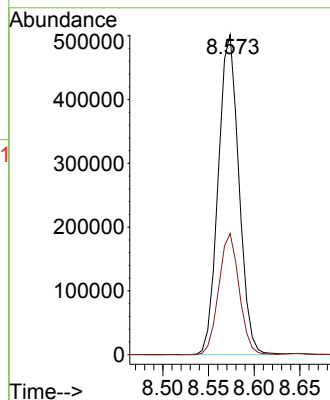
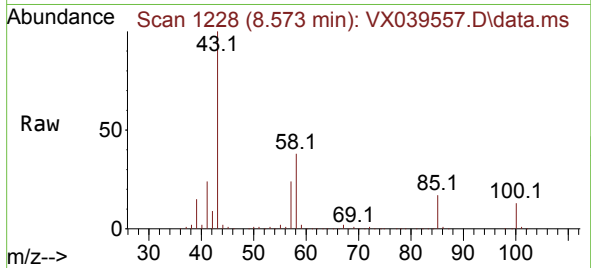




#51
4-Methyl-2-Pentanone
Concen: 266.045 ug/l
RT: 8.573 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039557.D
Acq: 29 Dec 2023 19:42

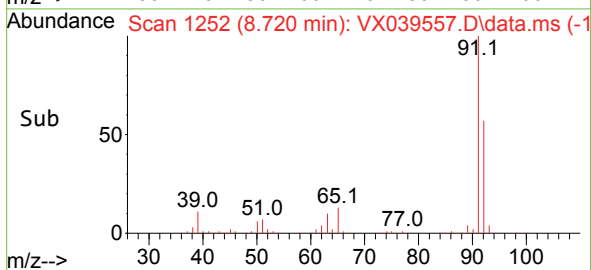
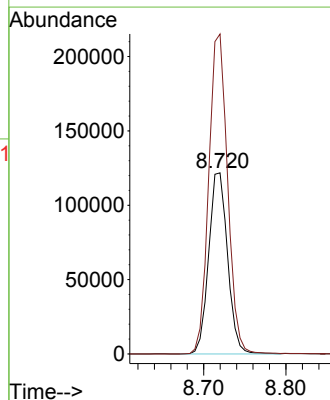
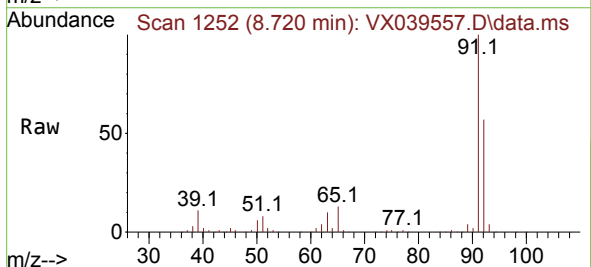
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

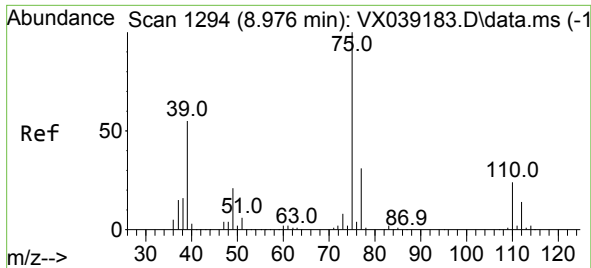
Tgt Ion: 43 Resp: 789192
Ion Ratio Lower Upper
43 100
58 37.5 30.4 45.6



#52
Toluene
Concen: 49.103 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX039557.D
Acq: 29 Dec 2023 19:42

Tgt Ion: 92 Resp: 194282
Ion Ratio Lower Upper
92 100
91 176.5 134.2 201.2

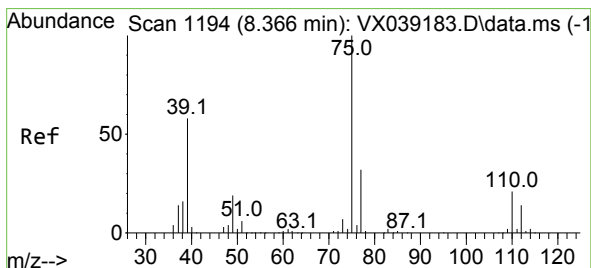
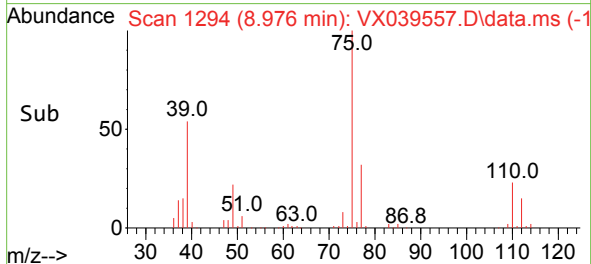
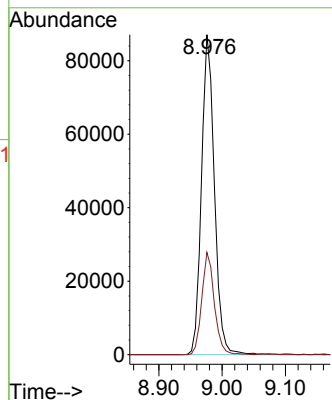
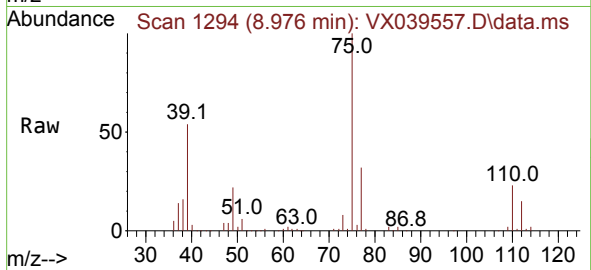




#53
 t-1,3-Dichloropropene
 Concen: 47.607 ug/l
 RT: 8.976 min Scan# 1294
 Delta R.T. 0.000 min
 Lab File: VX039557.D
 Acq: 29 Dec 2023 19:42

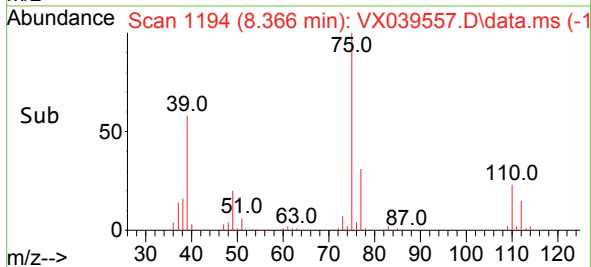
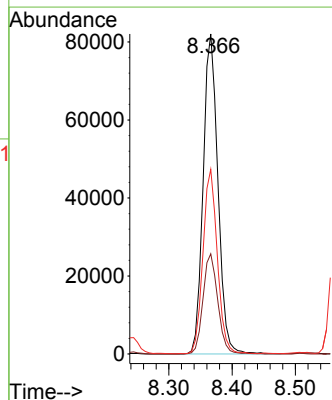
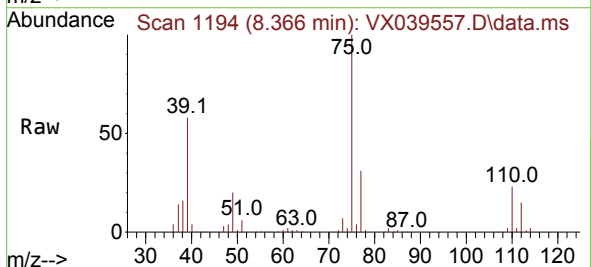
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

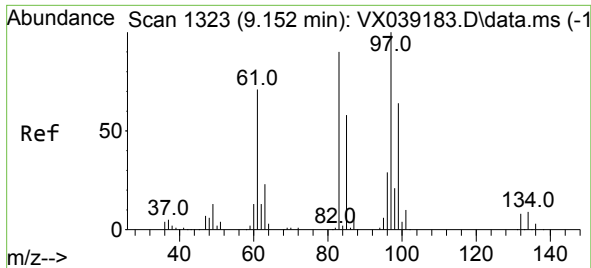
Tgt Ion: 75 Resp: 123939
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 47.659 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX039557.D
 Acq: 29 Dec 2023 19:42

Tgt Ion: 75 Resp: 133501
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.3 37.9
 39 57.6 46.7 70.1

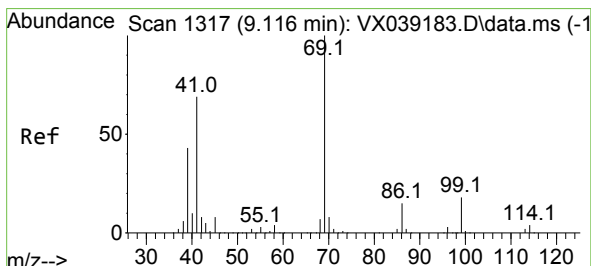
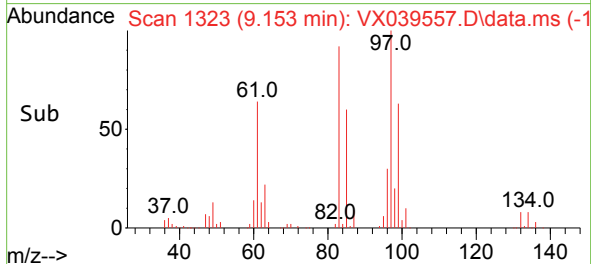
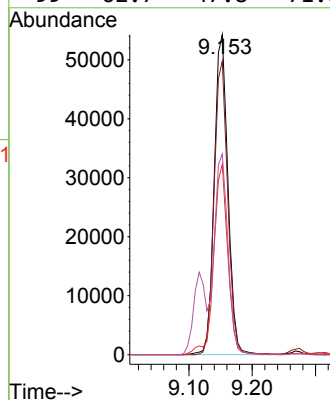
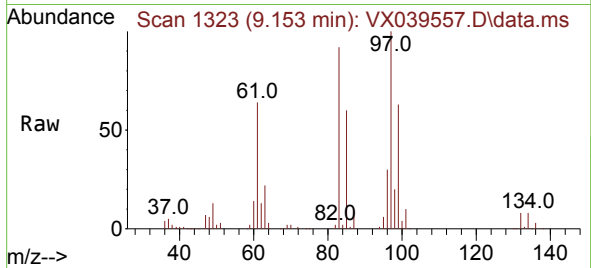




#55
1,1,2-Trichloroethane
Concen: 49.490 ug/l
RT: 9.153 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039557.D
Acq: 29 Dec 2023 19:42

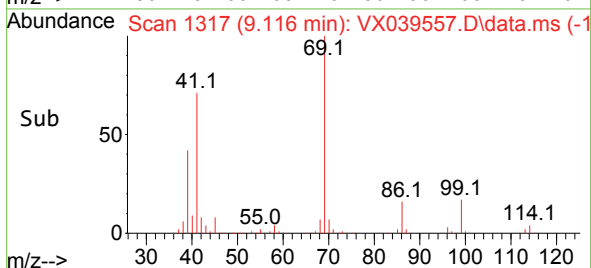
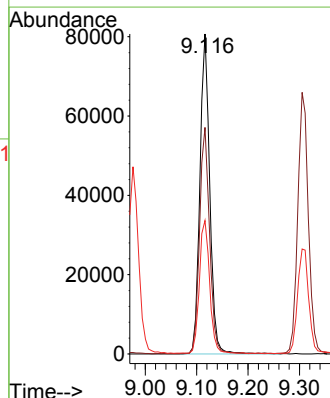
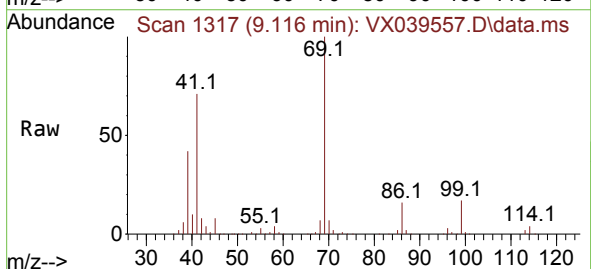
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

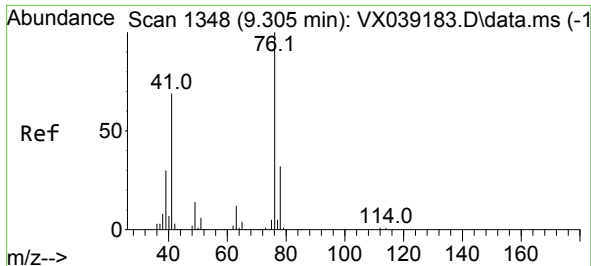
Tgt Ion: 97	Resp: 81747
Ion Ratio	Lower Upper
97 100	
83 91.7	65.8 98.8
85 59.5	41.6 62.4
99 62.7	47.8 71.8



#56
Ethyl methacrylate
Concen: 53.327 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX039557.D
Acq: 29 Dec 2023 19:42

Tgt Ion: 69	Resp: 107532
Ion Ratio	Lower Upper
69 100	
41 72.3	56.8 85.2
39 43.3	32.0 48.0





#57

1,3-Dichloropropane

Concen: 50.285 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039557.D

Acq: 29 Dec 2023 19:42

Instrument :

MSVOA_X

ClientSampleId :

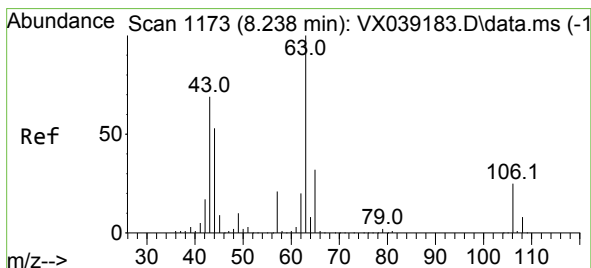
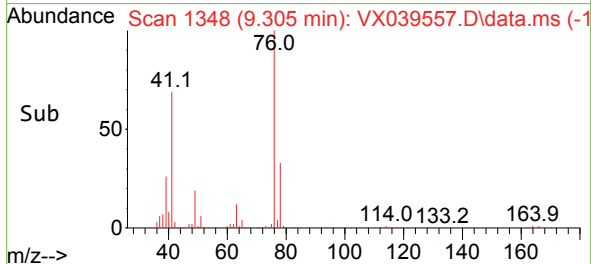
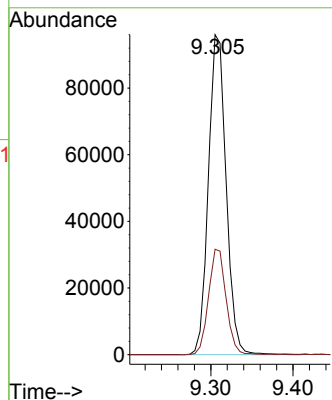
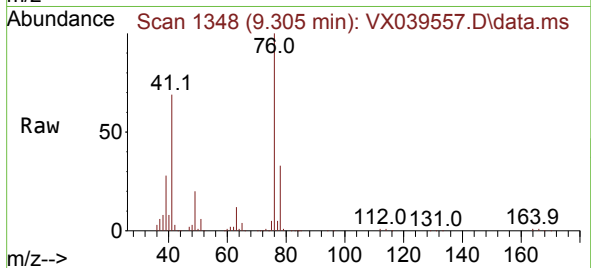
VSTDCCC050EC

Tgt Ion: 76 Resp: 143594

Ion Ratio Lower Upper

76 100

78 32.8 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 266.359 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX039557.D

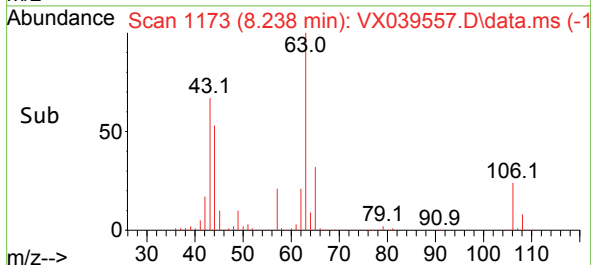
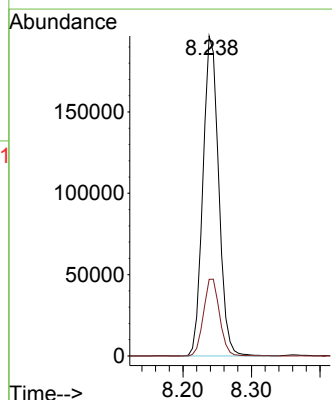
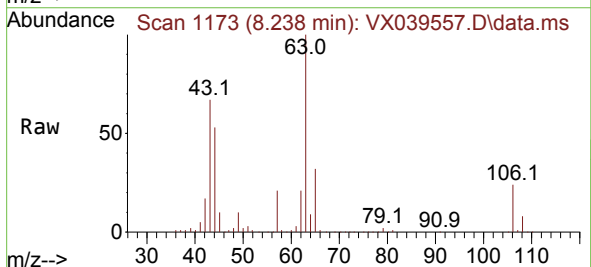
Acq: 29 Dec 2023 19:42

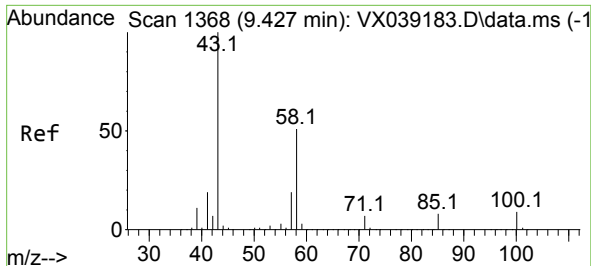
Tgt Ion: 63 Resp: 315382

Ion Ratio Lower Upper

63 100

106 24.5 22.5 33.7

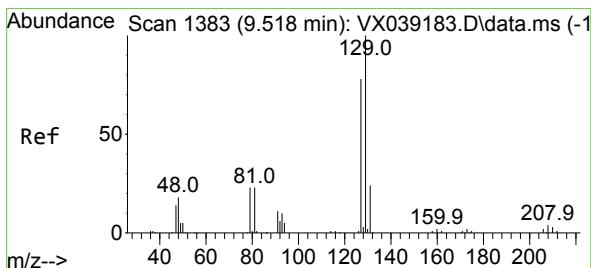
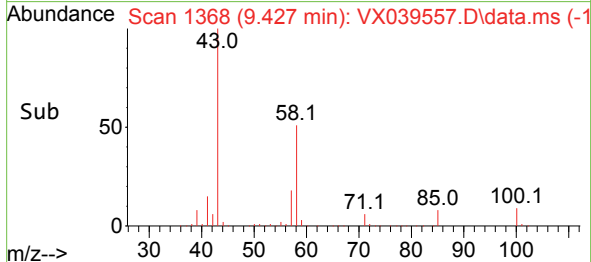
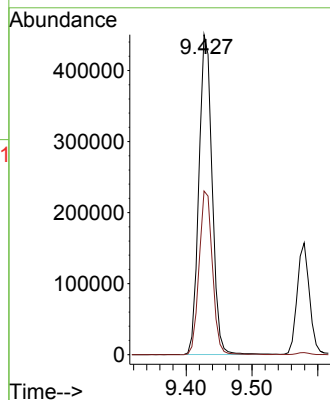
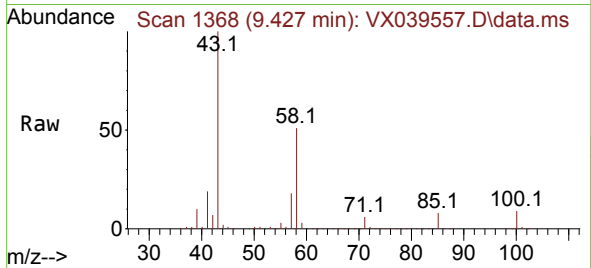




#59
2-Hexanone
Concen: 245.548 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX039557.D
Acq: 29 Dec 2023 19:42

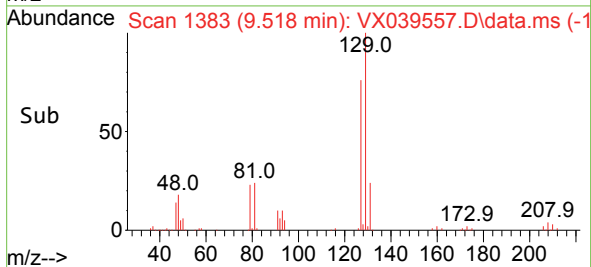
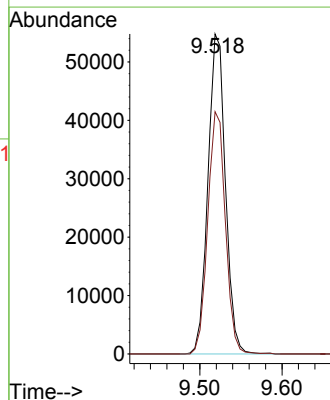
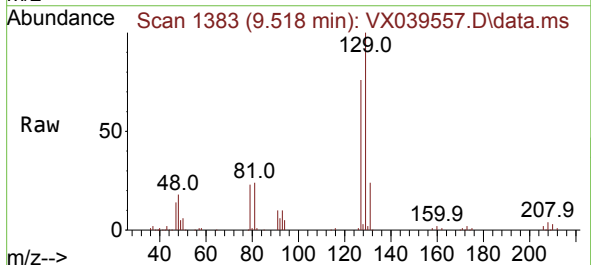
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

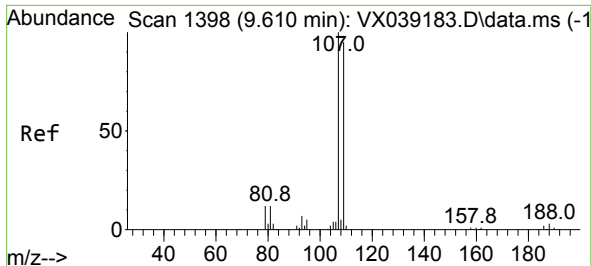
Tgt Ion: 43 Resp: 628631
Ion Ratio Lower Upper
43 100
58 51.6 26.2 78.5



#60
Dibromochloromethane
Concen: 48.331 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX039557.D
Acq: 29 Dec 2023 19:42

Tgt Ion: 129 Resp: 80739
Ion Ratio Lower Upper
129 100
127 76.4 38.8 116.4

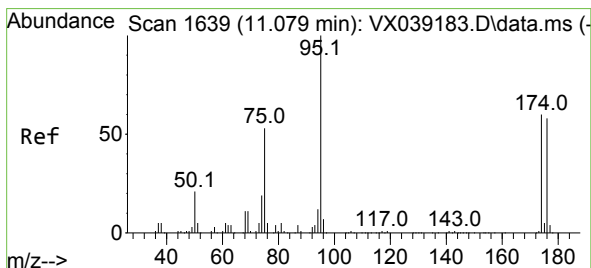
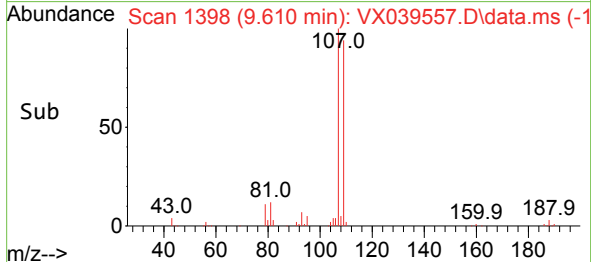
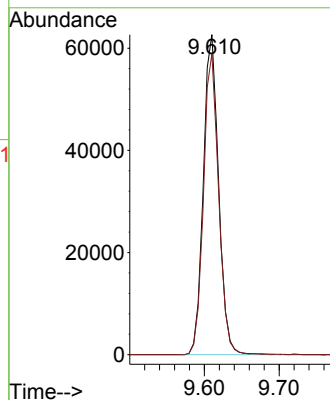
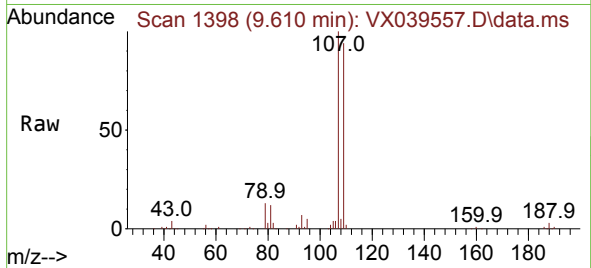




#61
1,2-Dibromoethane
Concen: 50.364 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX039557.D
Acq: 29 Dec 2023 19:42

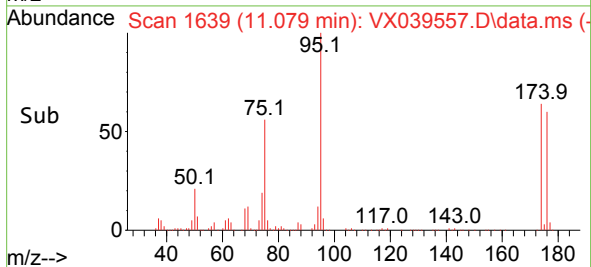
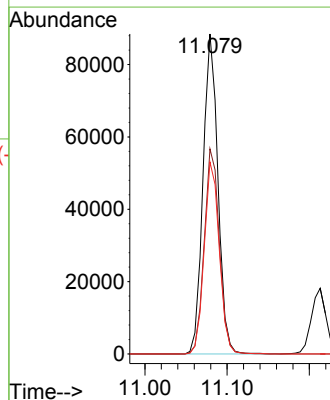
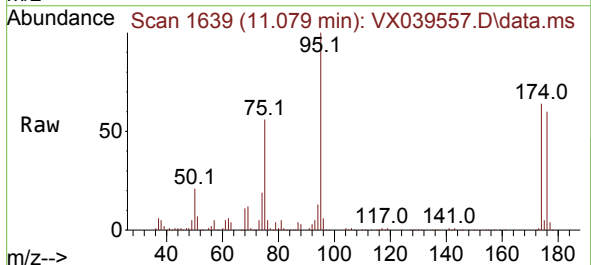
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

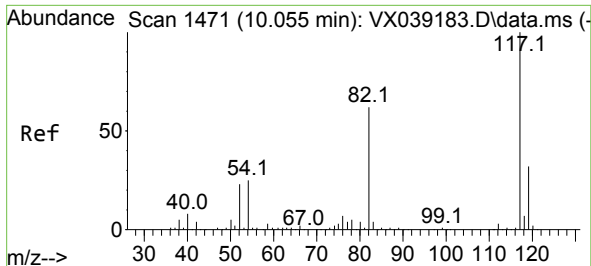
Tgt Ion:107 Resp: 88809
Ion Ratio Lower Upper
107 100
109 93.2 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 49.396 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039557.D
Acq: 29 Dec 2023 19:42

Tgt Ion: 95 Resp: 111116
Ion Ratio Lower Upper
95 100
174 65.3 0.0 135.6
176 60.9 0.0 131.0

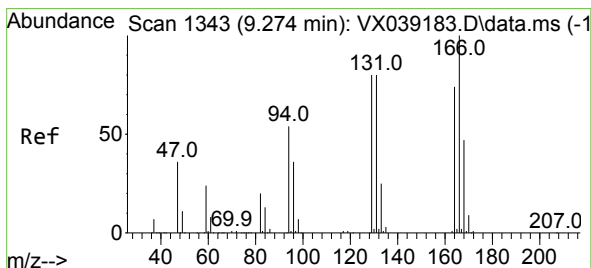
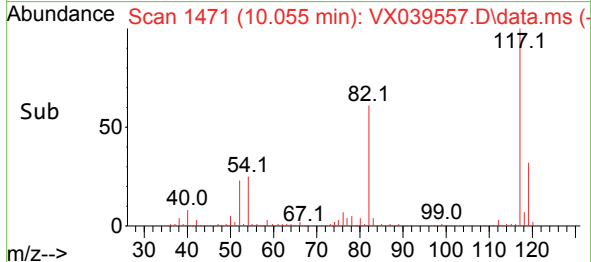
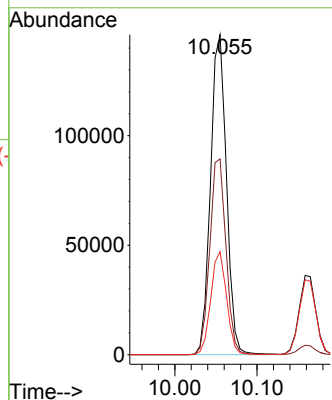
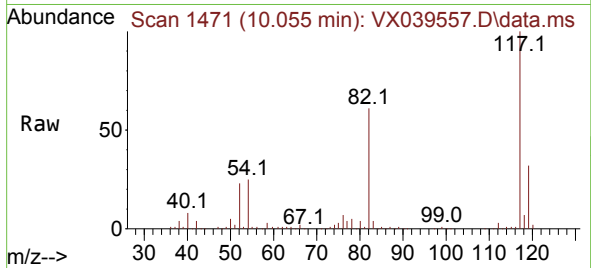




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039557.D
Acq: 29 Dec 2023 19:42

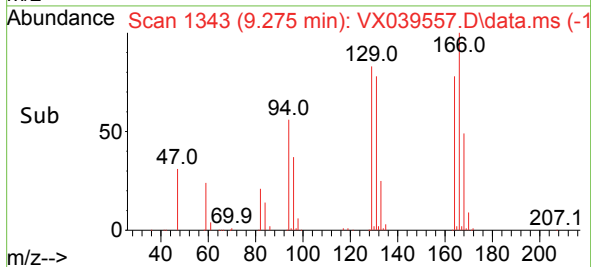
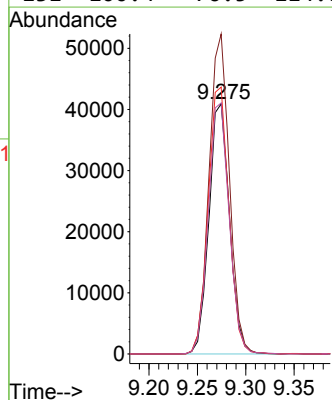
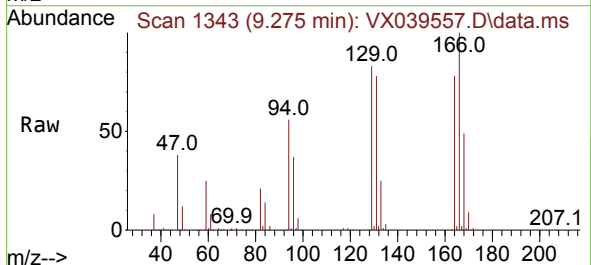
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

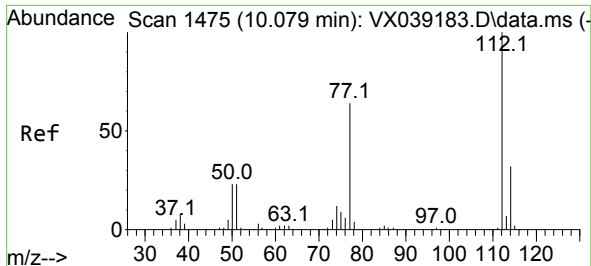
Tgt Ion:117 Resp: 196600
Ion Ratio Lower Upper
117 100
82 61.2 46.2 69.4
119 32.1 25.5 38.3



#64
Tetrachloroethene
Concen: 47.153 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX039557.D
Acq: 29 Dec 2023 19:42

Tgt Ion:164 Resp: 60578
Ion Ratio Lower Upper
164 100
166 128.0 102.7 154.1
129 106.7 80.4 120.6
131 100.4 76.5 114.7

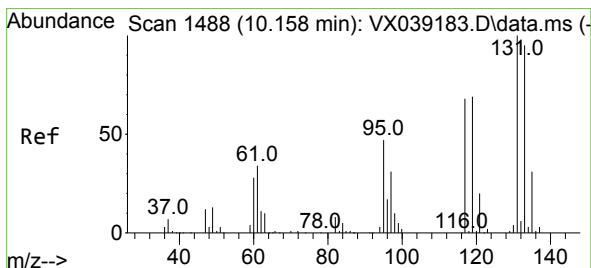
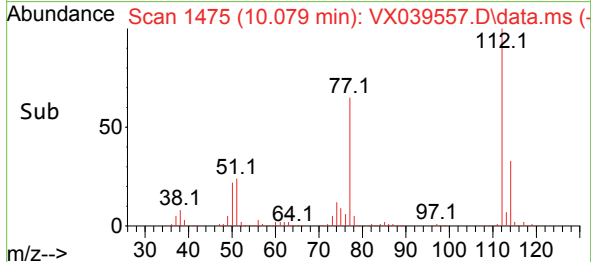
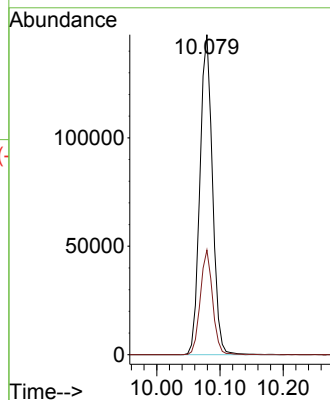
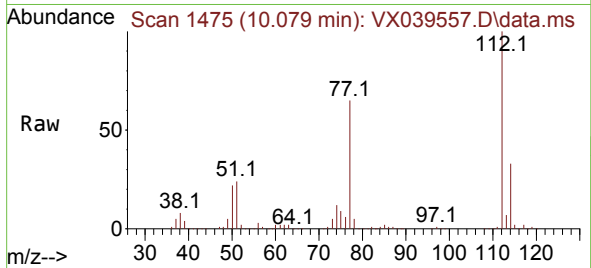




#65
Chlorobenzene
Concen: 47.580 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX039557.D
Acq: 29 Dec 2023 19:42

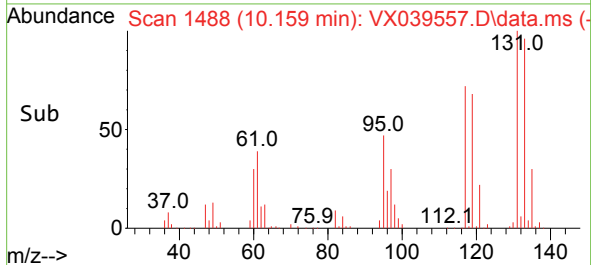
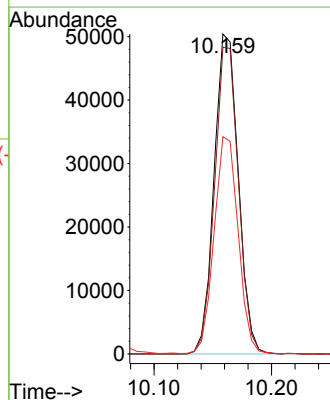
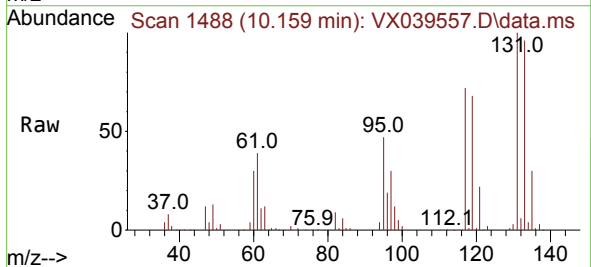
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

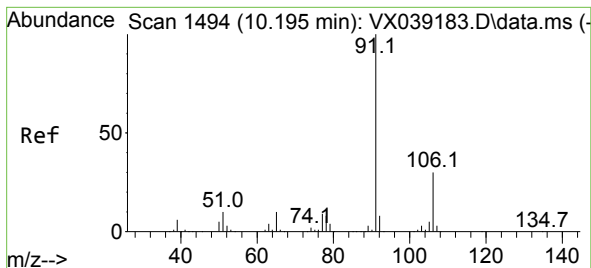
Tgt Ion:112 Resp: 204172
Ion Ratio Lower Upper
112 100
114 32.7 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 47.535 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX039557.D
Acq: 29 Dec 2023 19:42

Tgt Ion:131 Resp: 72052
Ion Ratio Lower Upper
131 100
133 94.9 47.1 141.4
119 67.9 32.2 96.6

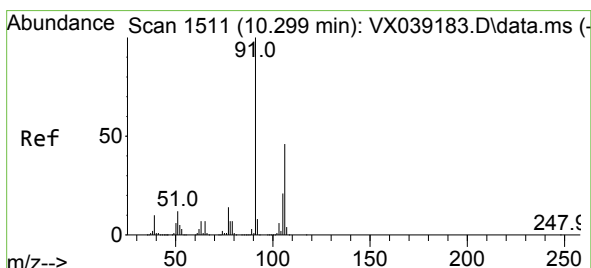
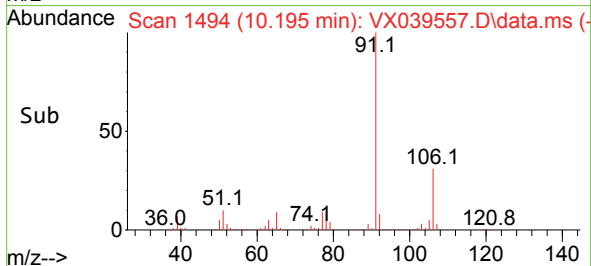
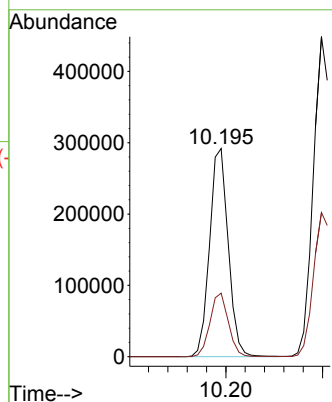
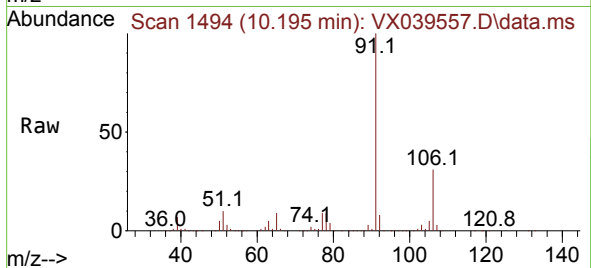




#67
Ethyl Benzene
Concen: 48.849 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX039557.D
Acq: 29 Dec 2023 19:42

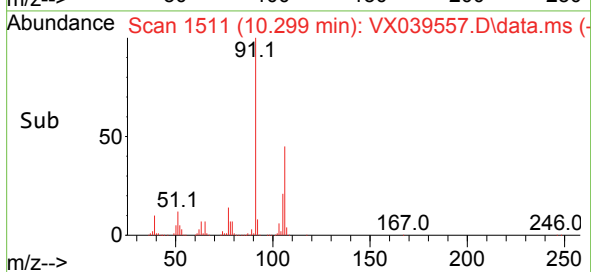
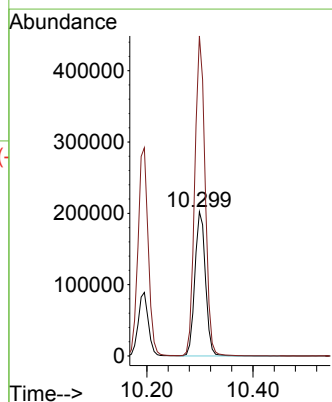
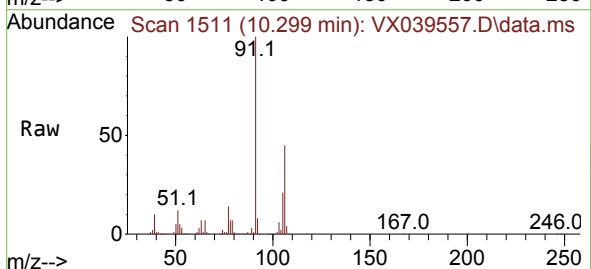
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

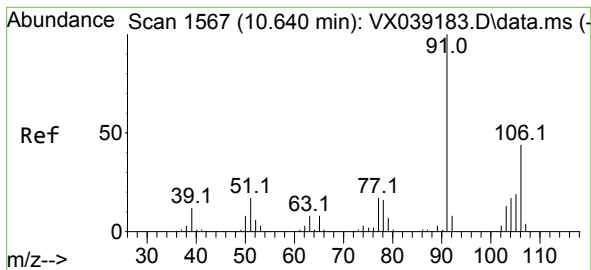
Tgt Ion: 91 Resp: 390198
Ion Ratio Lower Upper
91 100
106 30.5 24.9 37.3



#68
m/p-Xylenes
Concen: 97.747 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX039557.D
Acq: 29 Dec 2023 19:42

Tgt Ion: 106 Resp: 279946
Ion Ratio Lower Upper
106 100
91 216.6 165.5 248.3





#69

o-Xylene

Concen: 49.341 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX039557.D

Acq: 29 Dec 2023 19:42

Instrument :

MSVOA_X

ClientSampleId :

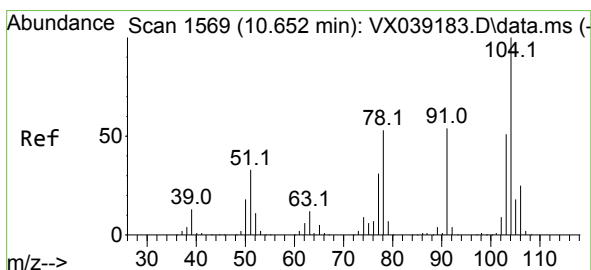
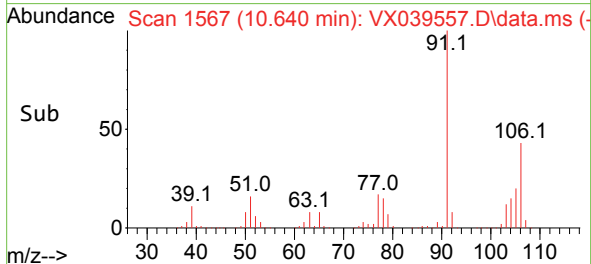
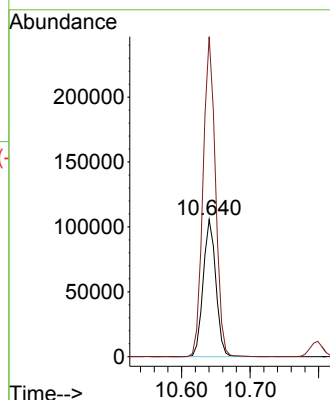
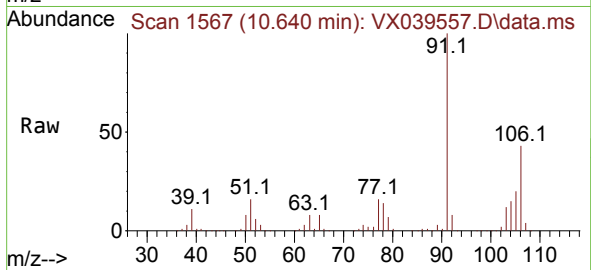
VSTDCCC050EC

Tgt Ion:106 Resp: 136630

Ion Ratio Lower Upper

106 100

91 228.4 108.9 326.8



#70

Styrene

Concen: 50.435 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX039557.D

Acq: 29 Dec 2023 19:42

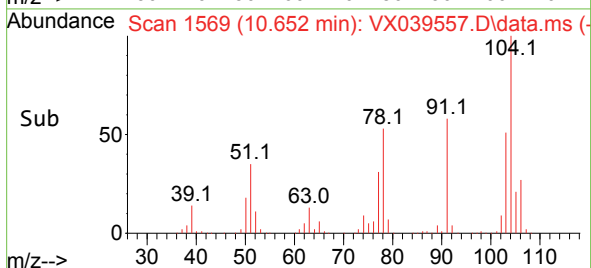
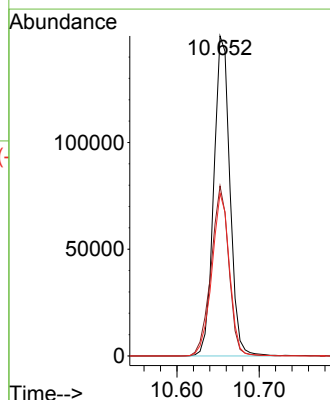
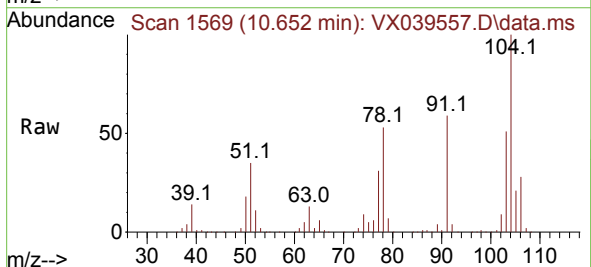
Tgt Ion:104 Resp: 204170

Ion Ratio Lower Upper

104 100

78 58.3 43.6 65.4

103 55.4 43.6 65.4





#71

Bromoform

Concen: 46.752 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX039557.D

Acq: 29 Dec 2023 19:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

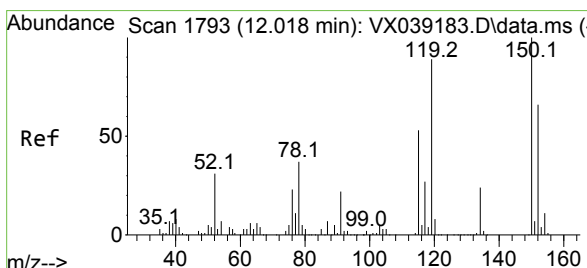
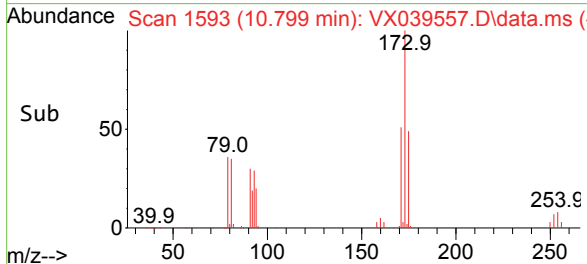
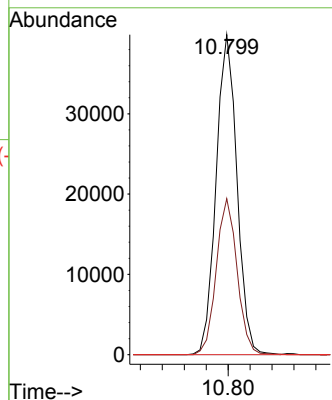
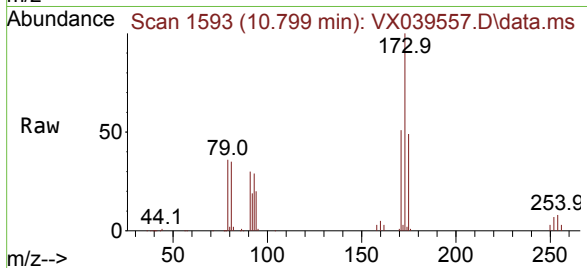
Tgt Ion:173 Resp: 52674

Ion Ratio Lower Upper

173 100

175 48.7 24.1 72.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VX039557.D

Acq: 29 Dec 2023 19:42

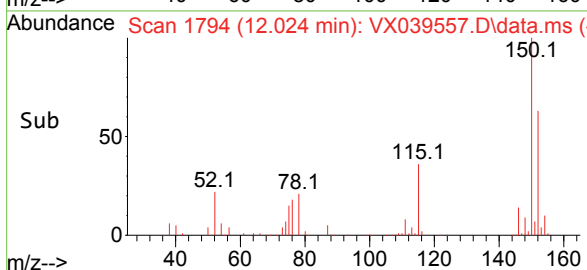
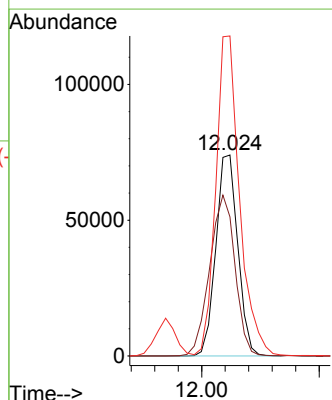
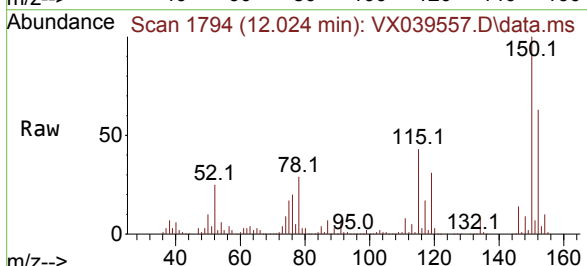
Tgt Ion:152 Resp: 95975

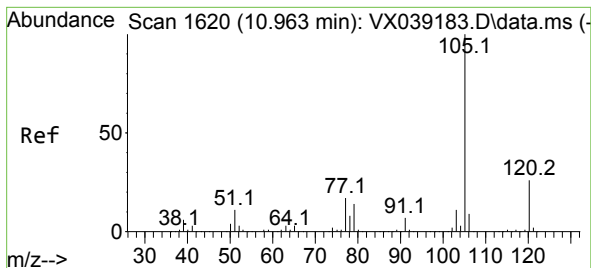
Ion Ratio Lower Upper

152 100

115 92.7 43.3 129.9

150 172.9 0.0 345.0





#73

Isopropylbenzene

Concen: 50.289 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039557.D

Acq: 29 Dec 2023 19:42

Instrument :

MSVOA_X

ClientSampleId :

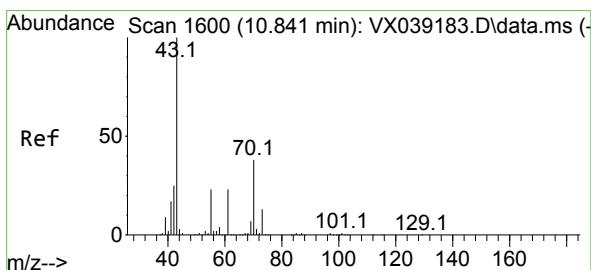
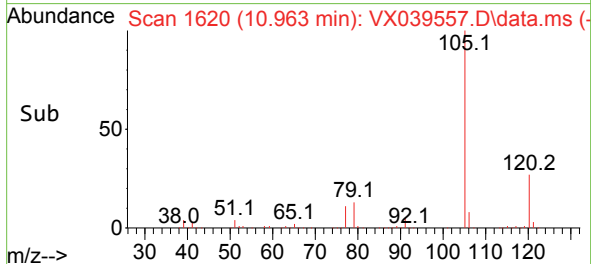
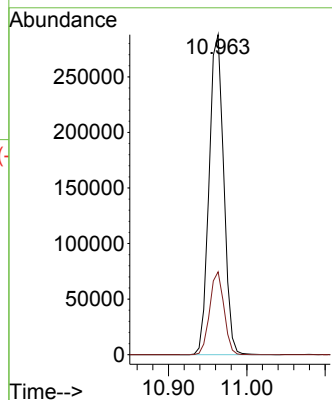
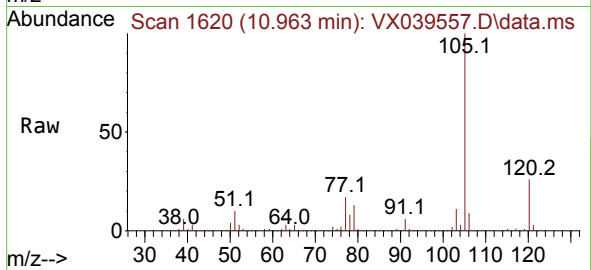
VSTDCCC050EC

Tgt Ion:105 Resp: 372383

Ion Ratio Lower Upper

105 100

120 25.3 12.9 38.6



#74

N-ethyl acetate

Concen: 54.143 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX039557.D

Acq: 29 Dec 2023 19:42

Tgt Ion: 43 Resp: 202847

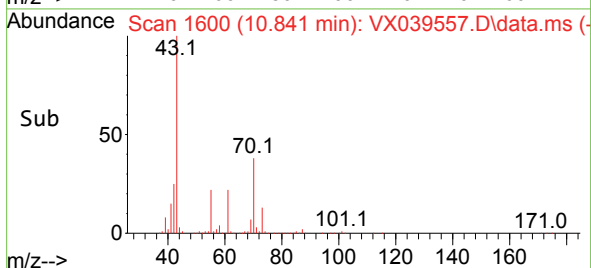
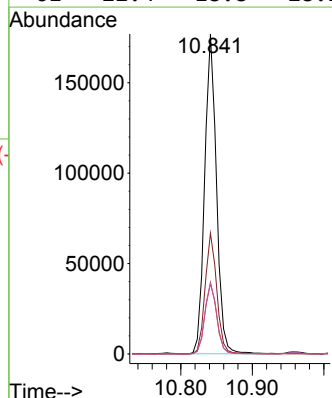
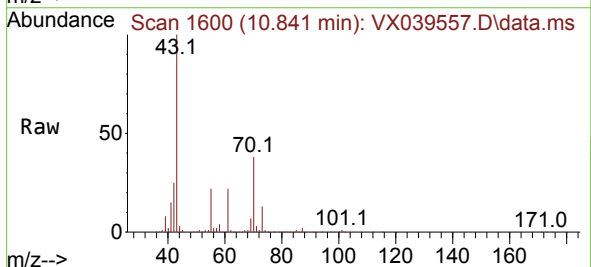
Ion Ratio Lower Upper

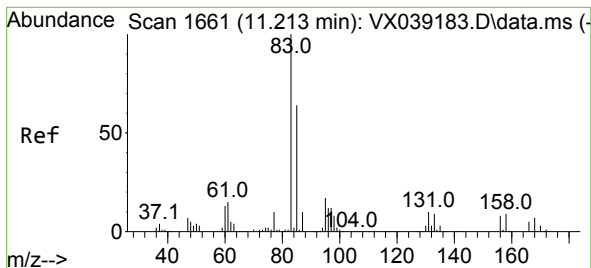
43 100

70 37.6 32.9 49.3

55 22.7 19.3 28.9

61 22.4 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 52.017 ug/l

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039557.D

Acq: 29 Dec 2023 19:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

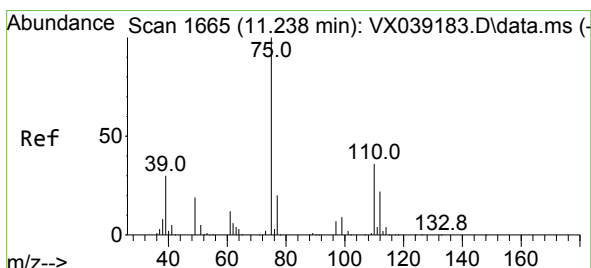
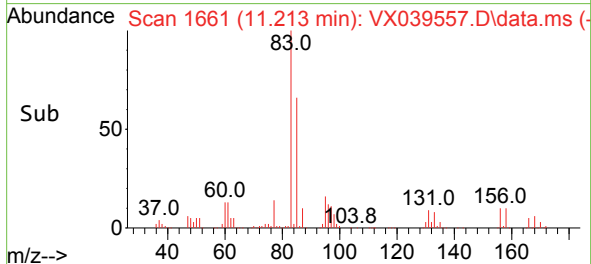
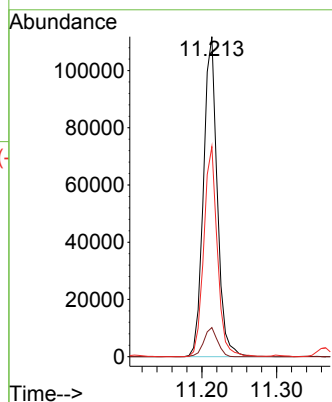
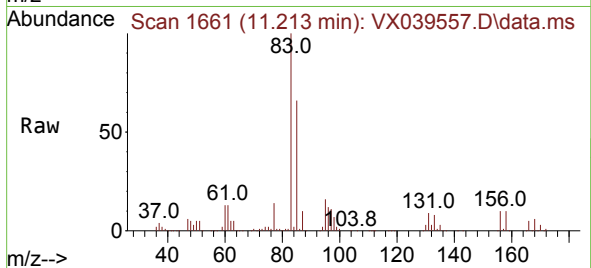
Tgt Ion: 83 Resp: 143289

Ion Ratio Lower Upper

83 100

131 9.1 5.3 15.8

85 64.8 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 65.611 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX039557.D

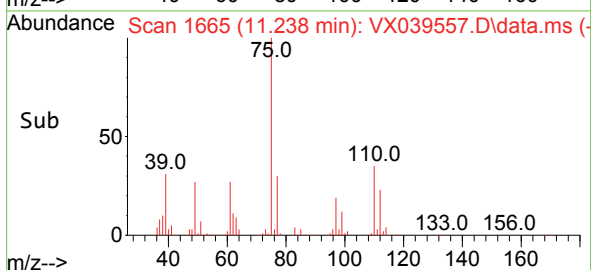
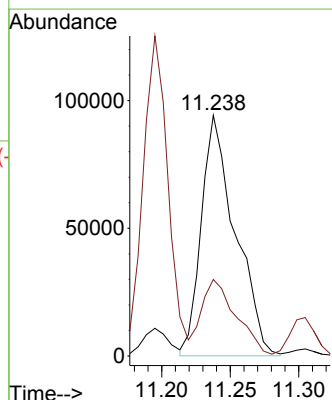
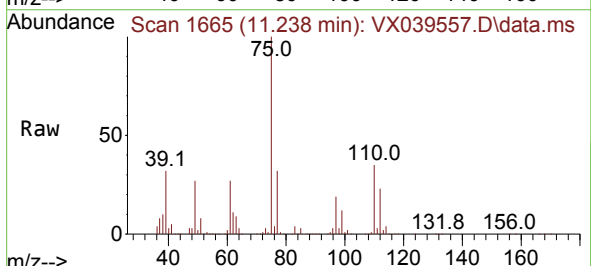
Acq: 29 Dec 2023 19:42

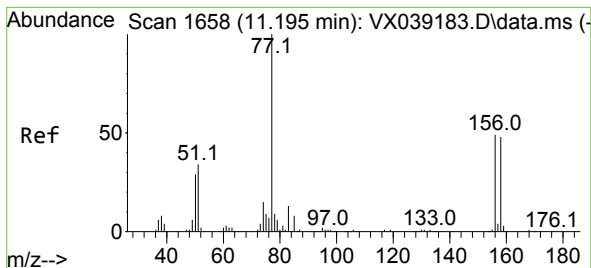
Tgt Ion: 75 Resp: 162915

Ion Ratio Lower Upper

75 100

77 32.4 19.1 57.5





#77

Bromobenzene

Concen: 49.949 ug/l

RT: 11.195 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039557.D

Acq: 29 Dec 2023 19:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

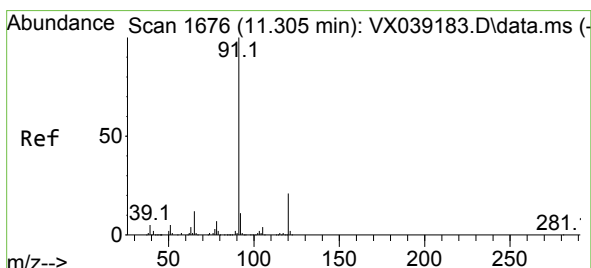
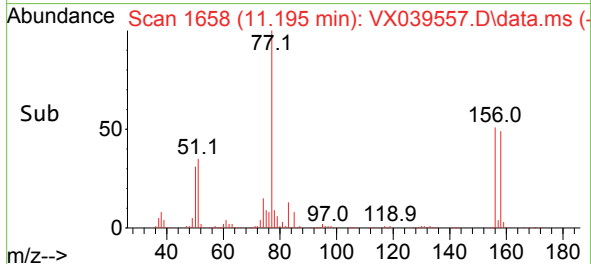
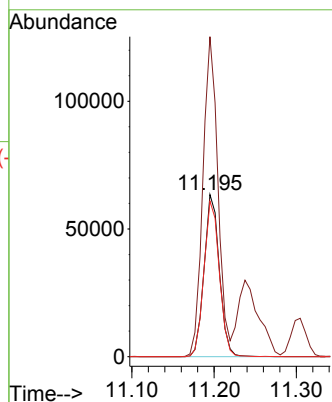
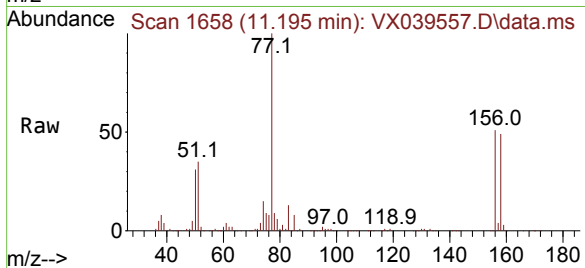
Tgt Ion:156 Resp: 81790

Ion Ratio Lower Upper

156 100

77 194.6 88.4 265.3

158 96.9 48.0 144.0



#78

n-propylbenzene

Concen: 49.418 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX039557.D

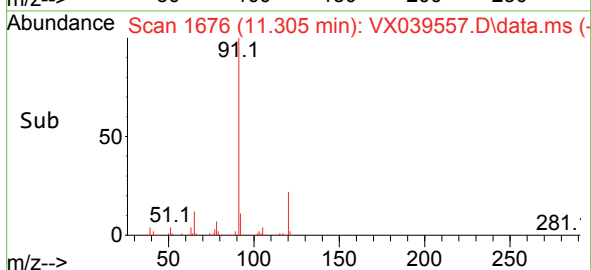
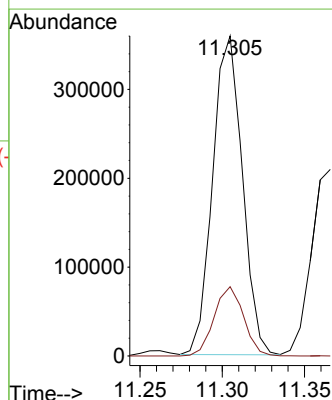
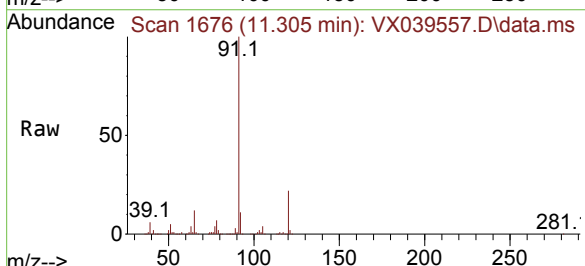
Acq: 29 Dec 2023 19:42

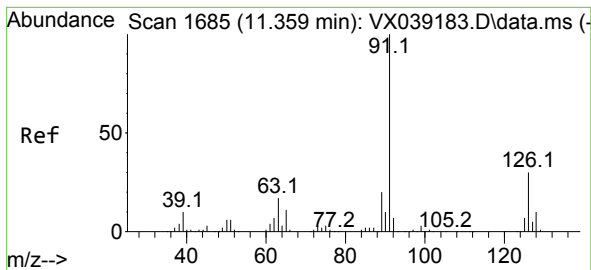
Tgt Ion: 91 Resp: 450865

Ion Ratio Lower Upper

91 100

120 21.6 11.5 34.4





#79

2-Chlorotoluene

Concen: 48.545 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX039557.D

Acq: 29 Dec 2023 19:42

Instrument :

MSVOA_X

ClientSampleId :

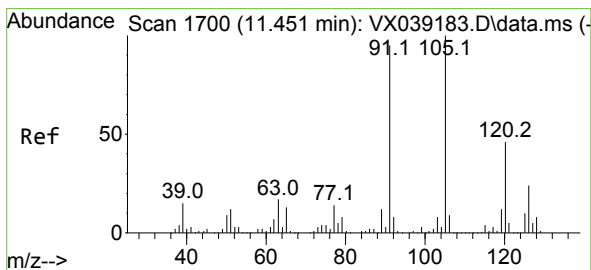
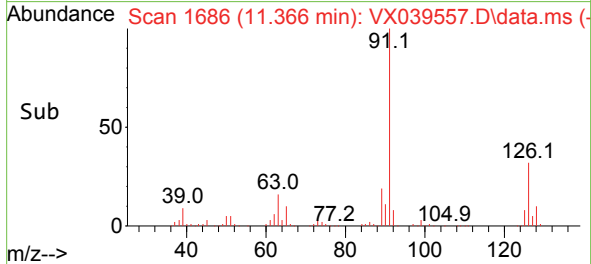
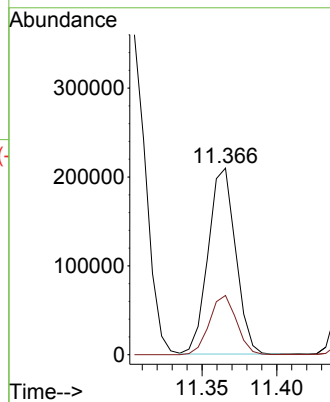
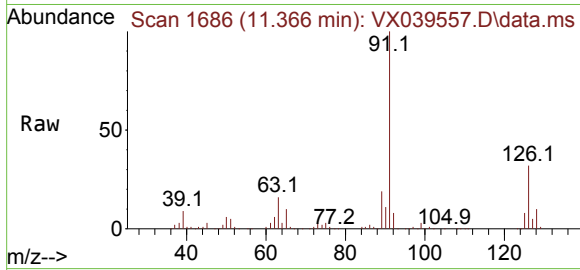
VSTDCCC050EC

Tgt Ion: 91 Resp: 267897

Ion Ratio Lower Upper

91 100

126 31.4 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 50.586 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX039557.D

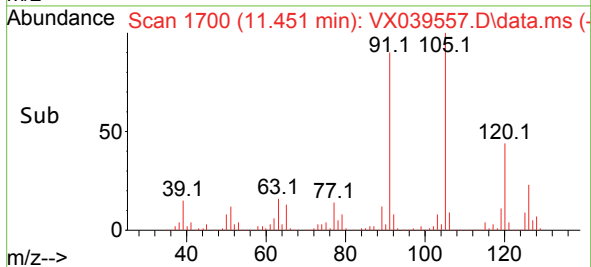
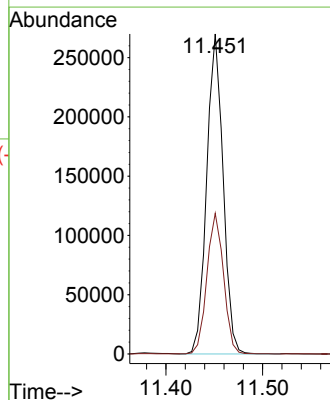
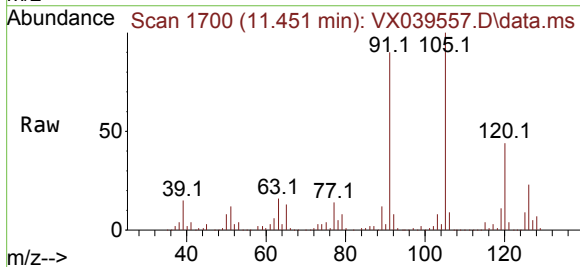
Acq: 29 Dec 2023 19:42

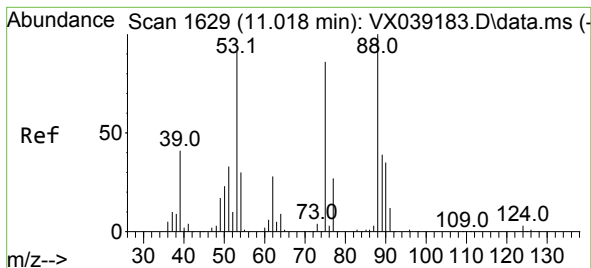
Tgt Ion:105 Resp: 319106

Ion Ratio Lower Upper

105 100

120 44.5 24.1 72.3

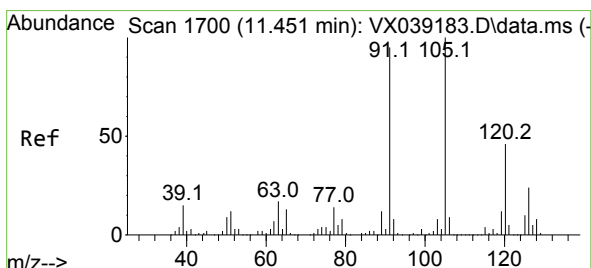
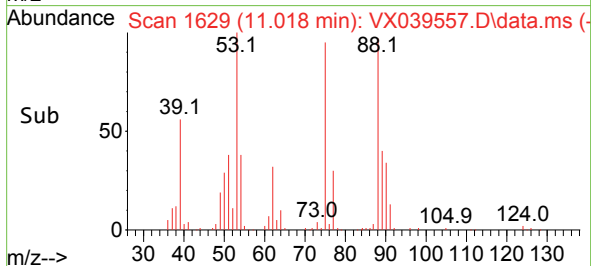
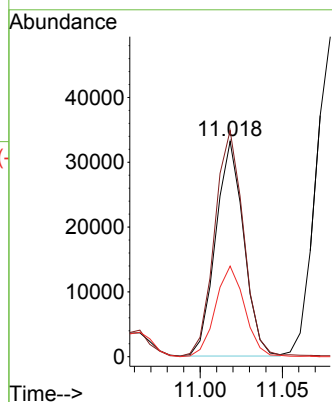
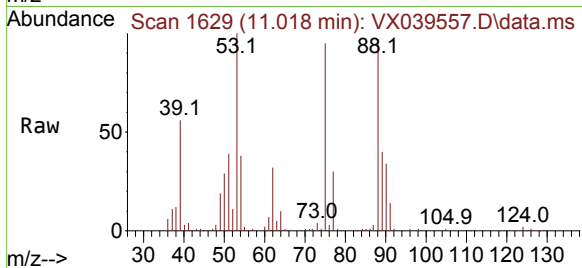




#81
trans-1,4-Dichloro-2-butene
Concen: 44.753 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX039557.D
Acq: 29 Dec 2023 19:42

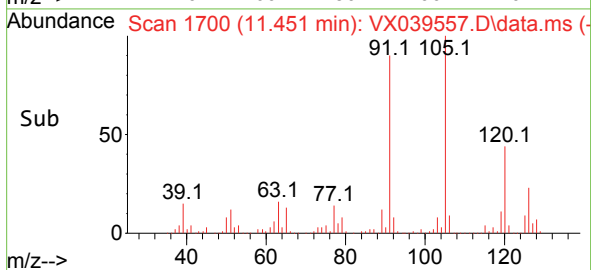
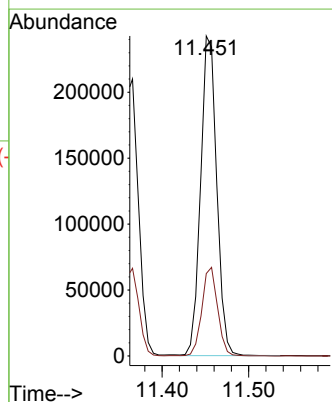
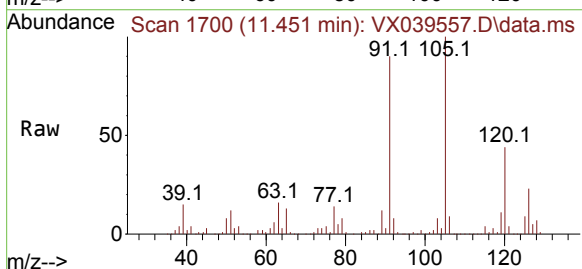
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

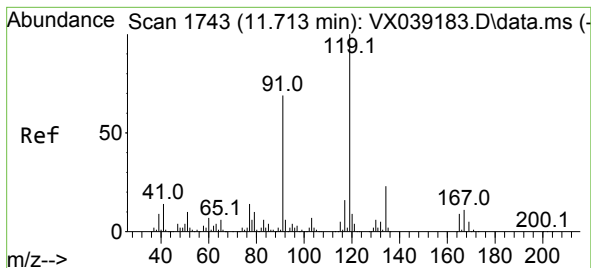
Tgt Ion: 75 Resp: 39392
Ion Ratio Lower Upper
75 100
53 108.8 90.5 135.7
89 43.8 36.9 55.3



#82
4-Chlorotoluene
Concen: 48.374 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039557.D
Acq: 29 Dec 2023 19:42

Tgt Ion: 91 Resp: 313547
Ion Ratio Lower Upper
91 100
126 27.1 14.2 42.6





#83

tert-Butylbenzene

Concen: 49.715 ug/l

RT: 11.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039557.D

Acq: 29 Dec 2023 19:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

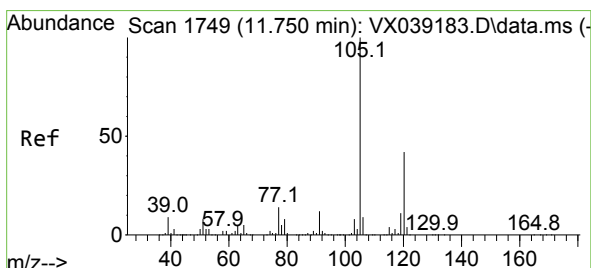
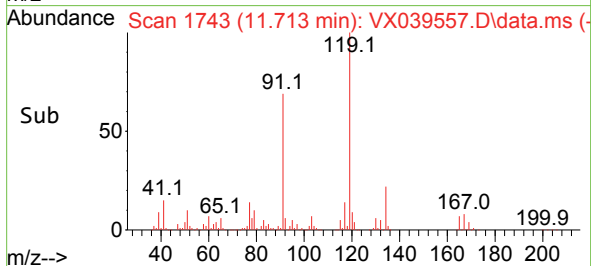
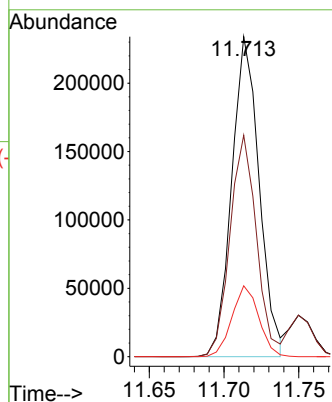
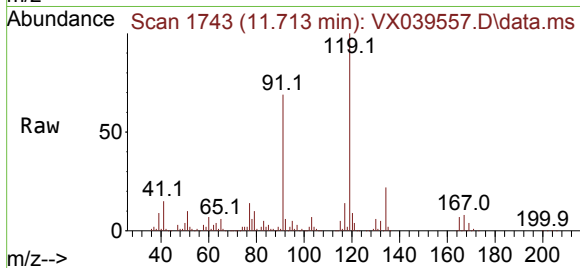
Tgt Ion:119 Resp: 298461

Ion Ratio Lower Upper

119 100

91 67.1 31.2 93.6

134 21.7 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 49.637 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX039557.D

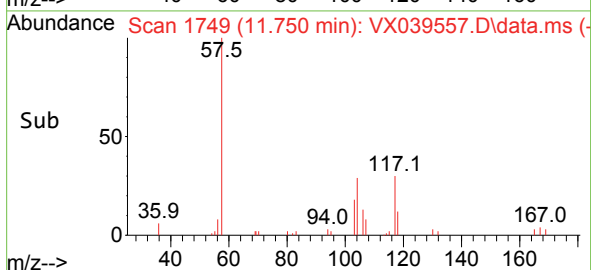
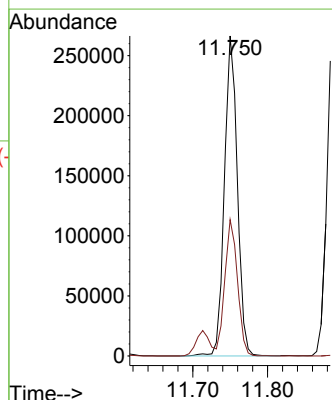
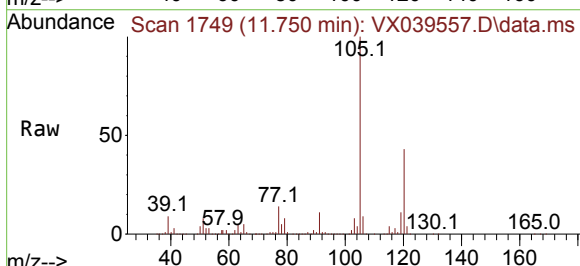
Acq: 29 Dec 2023 19:42

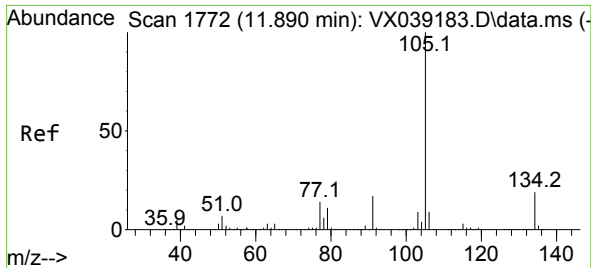
Tgt Ion:105 Resp: 321102

Ion Ratio Lower Upper

105 100

120 41.7 21.2 63.6

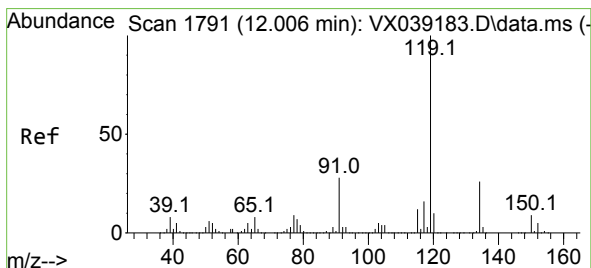
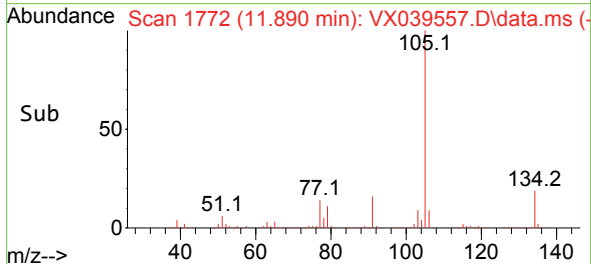
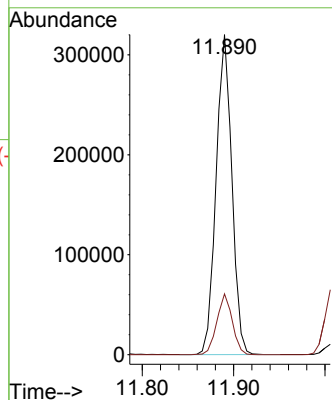
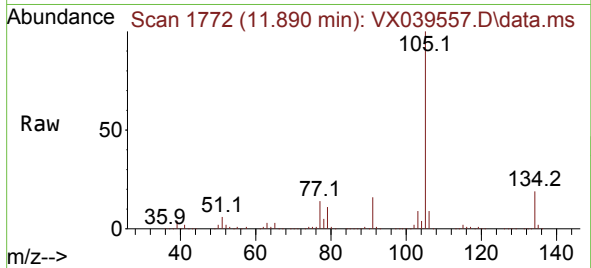




#85
 sec-Butylbenzene
 Concen: 50.229 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX039557.D
 Acq: 29 Dec 2023 19:42

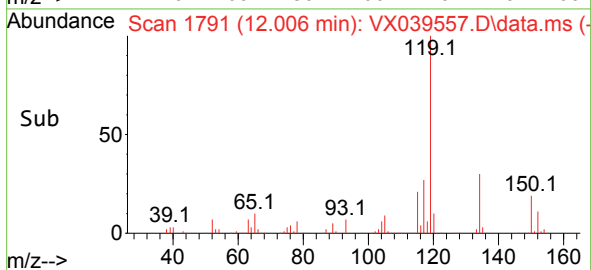
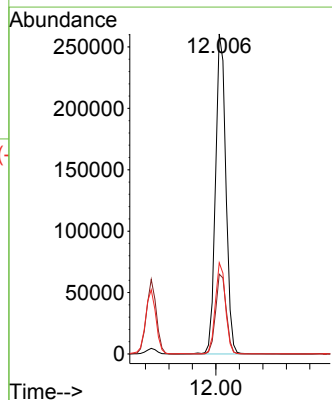
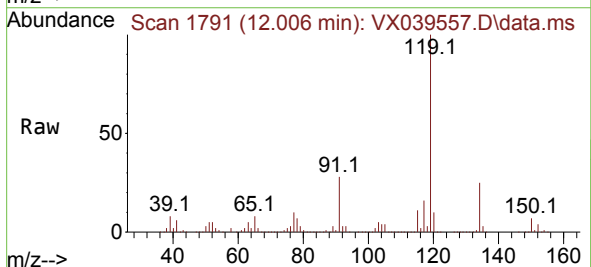
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

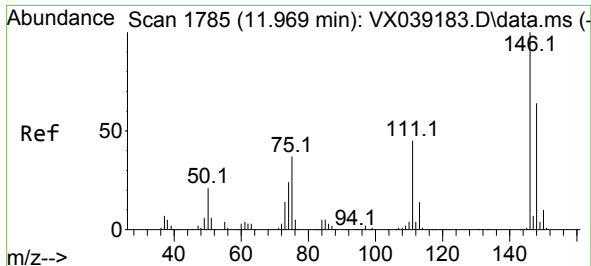
Tgt Ion:105 Resp: 383717
 Ion Ratio Lower Upper
 105 100
 134 18.6 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 49.681 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX039557.D
 Acq: 29 Dec 2023 19:42

Tgt Ion:119 Resp: 318515
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.8 38.3
 91 27.9 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 48.562 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX039557.D

Acq: 29 Dec 2023 19:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

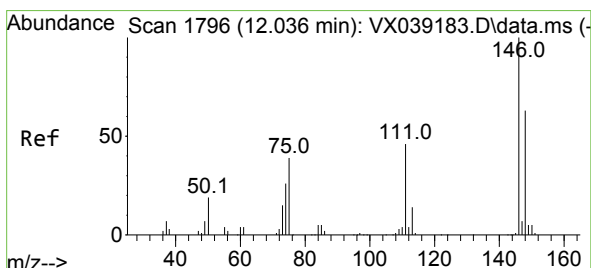
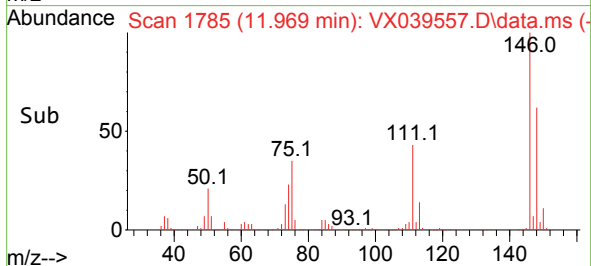
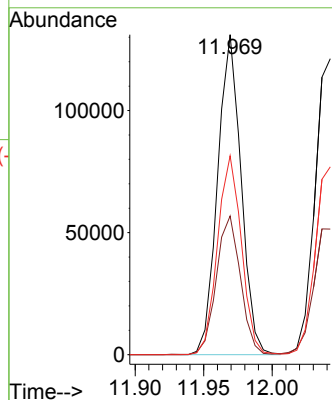
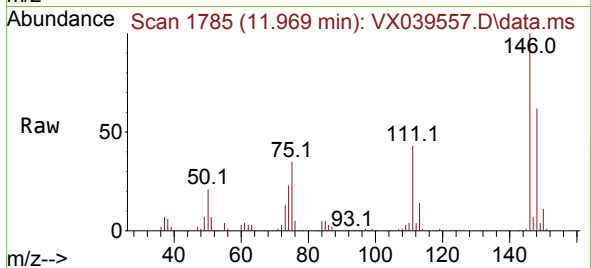
Tgt Ion:146 Resp: 156222

Ion Ratio Lower Upper

146 100

111 44.6 22.1 66.1

148 63.3 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 46.078 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.006 min

Lab File: VX039557.D

Acq: 29 Dec 2023 19:42

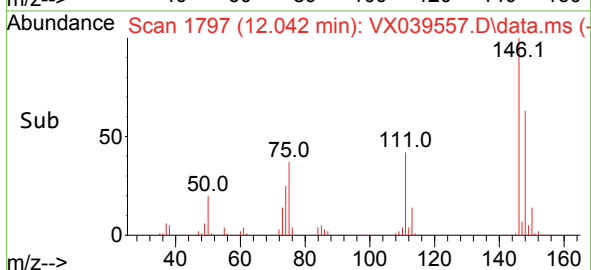
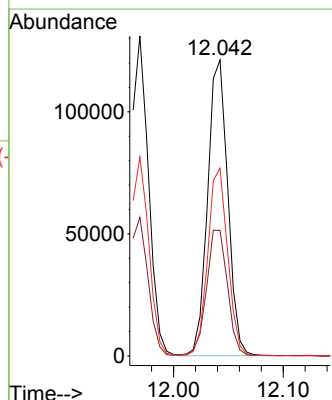
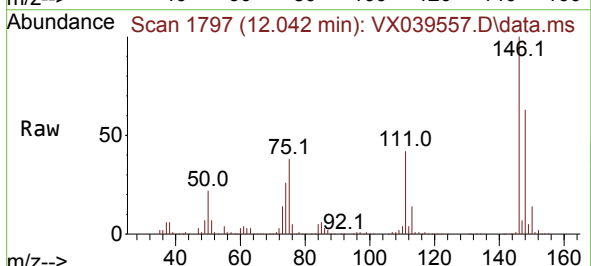
Tgt Ion:146 Resp: 154341

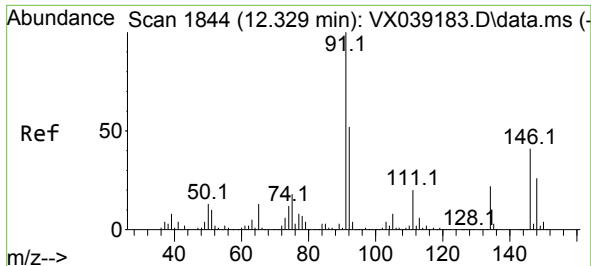
Ion Ratio Lower Upper

146 100

111 44.4 21.3 63.7

148 63.4 31.8 95.4





#89

n-Butylbenzene

Concen: 50.419 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX039557.D

Acq: 29 Dec 2023 19:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

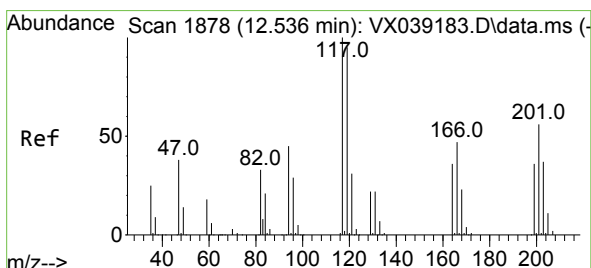
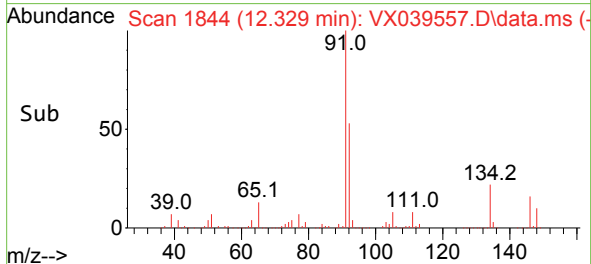
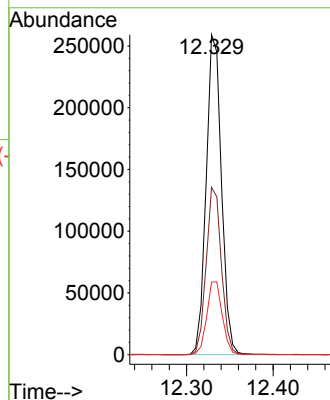
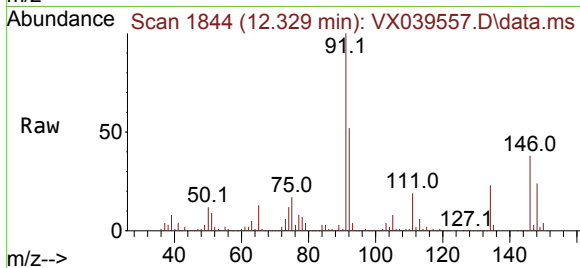
Tgt Ion: 91 Resp: 317766

Ion Ratio Lower Upper

91 100

92 52.3 27.4 82.0

134 23.2 12.6 37.8



#90

Hexachloroethane

Concen: 47.410 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX039557.D

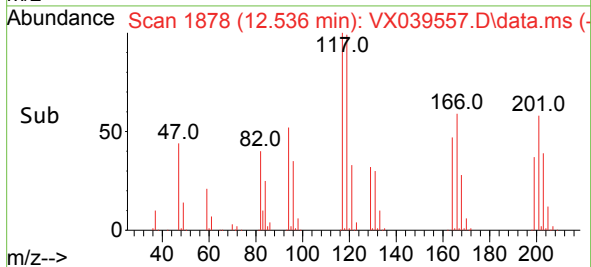
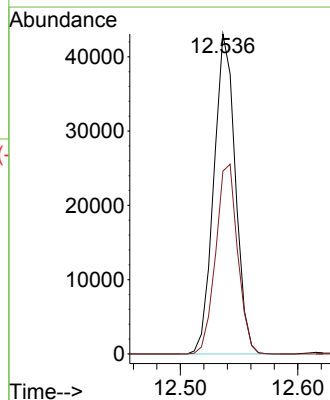
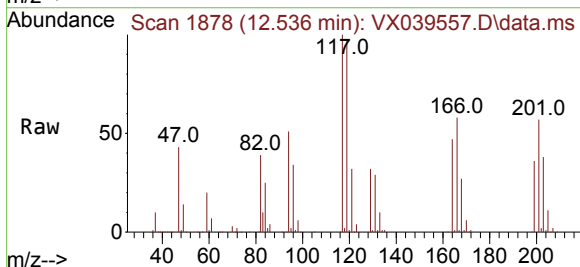
Acq: 29 Dec 2023 19:42

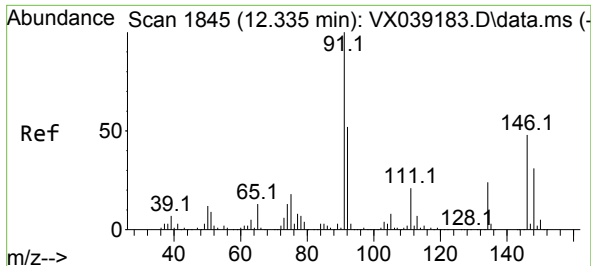
Tgt Ion: 117 Resp: 54906

Ion Ratio Lower Upper

117 100

201 60.6 32.9 98.6





#91

1,2-Dichlorobenzene

Concen: 48.200 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX039557.D

Acq: 29 Dec 2023 19:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

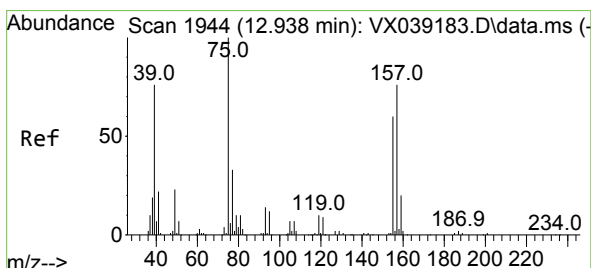
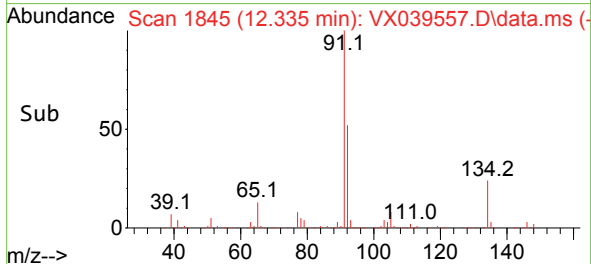
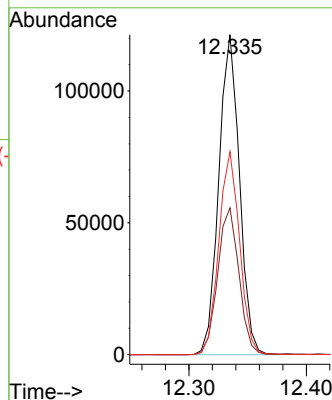
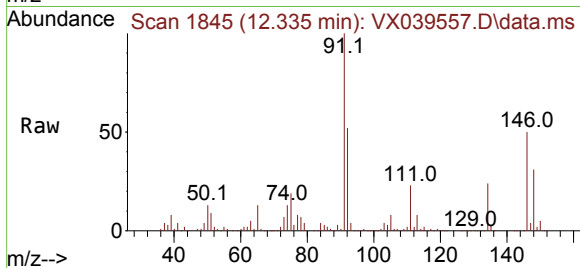
Tgt Ion:146 Resp: 148361

Ion Ratio Lower Upper

146 100

111 47.3 22.4 67.0

148 64.1 31.6 95.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.434 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. 0.000 min

Lab File: VX039557.D

Acq: 29 Dec 2023 19:42

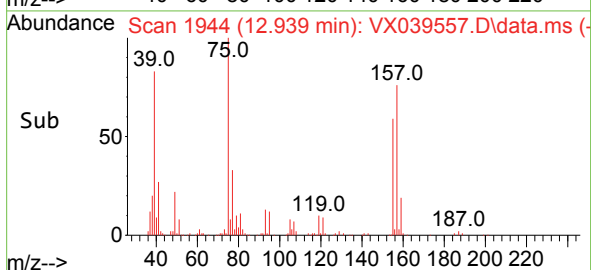
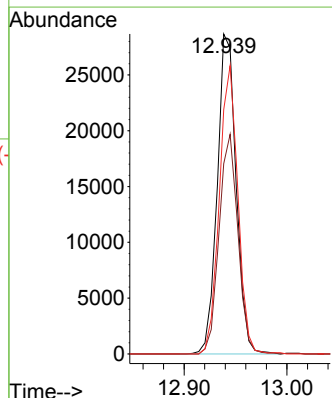
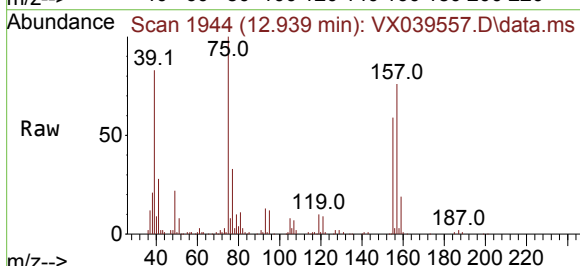
Tgt Ion: 75 Resp: 36593

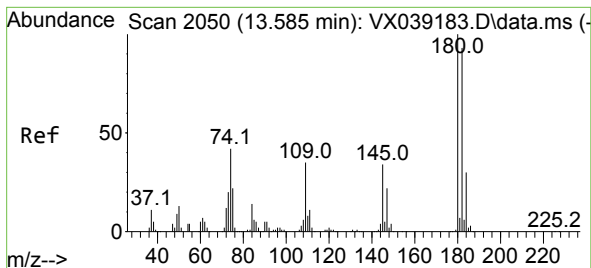
Ion Ratio Lower Upper

75 100

155 68.3 36.1 108.5

157 88.2 44.9 134.7

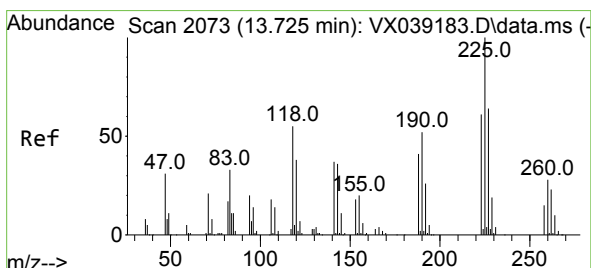
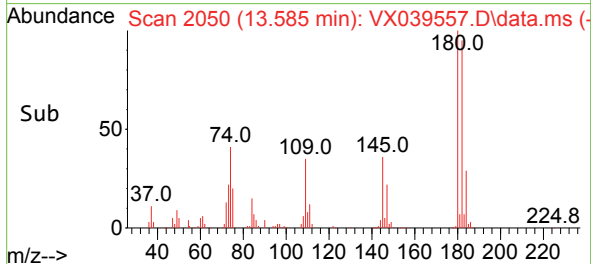
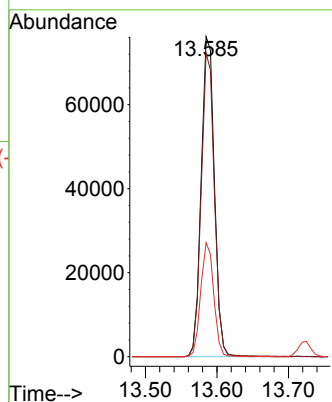
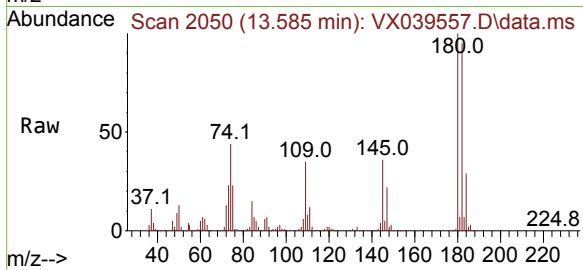




#93
 1,2,4-Trichlorobenzene
 Concen: 48.411 ug/l
 RT: 13.585 min Scan# 2050
 Delta R.T. 0.000 min
 Lab File: VX039557.D
 Acq: 29 Dec 2023 19:42

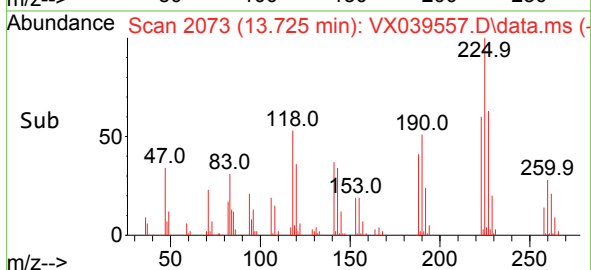
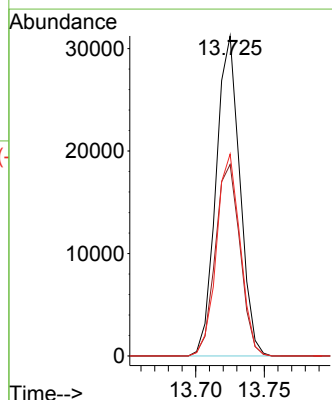
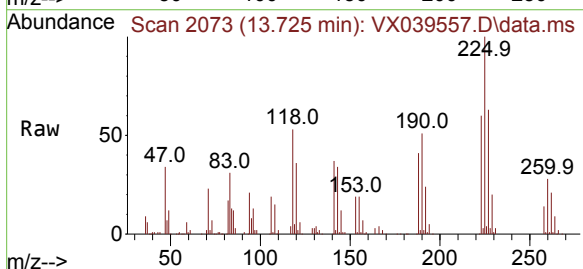
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

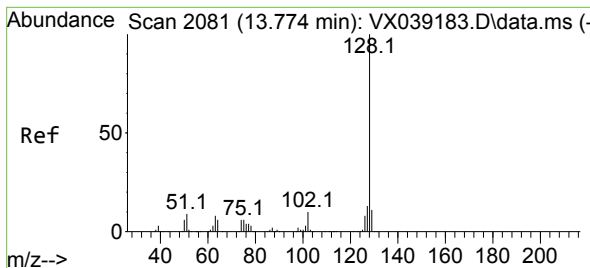
Tgt Ion:180 Resp: 97573
 Ion Ratio Lower Upper
 180 100
 182 94.4 48.3 144.8
 145 35.1 18.0 54.0



#94
 Hexachlorobutadiene
 Concen: 49.587 ug/l
 RT: 13.725 min Scan# 2073
 Delta R.T. 0.000 min
 Lab File: VX039557.D
 Acq: 29 Dec 2023 19:42

Tgt Ion:225 Resp: 37664
 Ion Ratio Lower Upper
 225 100
 223 62.2 31.1 93.2
 227 62.8 32.5 97.5





#95

Naphthalene

Concen: 54.398 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX039557.D

Acq: 29 Dec 2023 19:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

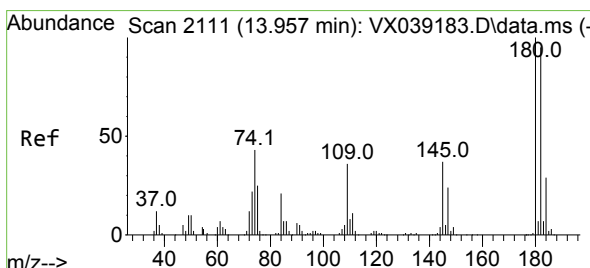
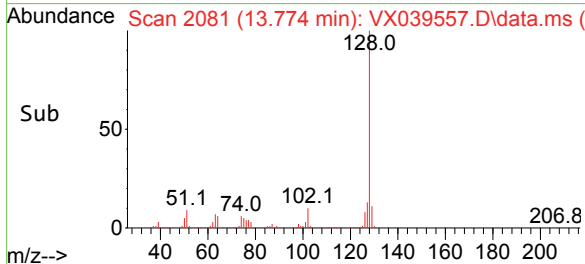
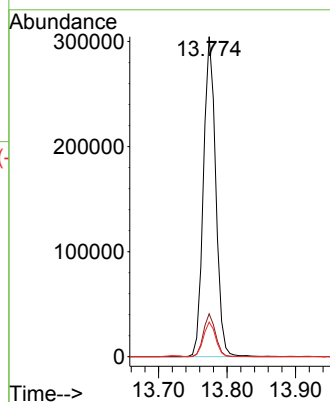
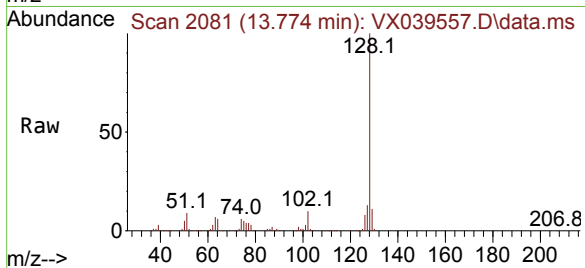
Tgt Ion:128 Resp: 381825

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

129 10.8 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 49.514 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX039557.D

Acq: 29 Dec 2023 19:42

Tgt Ion:180 Resp: 96340

Ion Ratio Lower Upper

180 100

182 94.4 46.9 140.6

145 36.8 17.8 53.5

