

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022724\
 Data File : VX040492.D
 Acq On : 27 Feb 2024 16:13
 Operator : JC/MD
 Sample : P1578-02MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT161S1-20240221MS

Quant Time: Feb 28 02:04:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 27 05:01:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.555	168	76488	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	134505	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	126465	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	65504	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	67356	52.650	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.300%			
35) Dibromofluoromethane	5.391	113	47708	51.006	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.020%			
50) Toluene-d8	8.652	98	171689	50.569	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.140%			
62) 4-Bromofluorobenzene	11.079	95	67094	51.842	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.680%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	44890	47.159	ug/l	98
3) Chloromethane	1.300	50	45478	48.168	ug/l	100
4) Vinyl Chloride	1.373	62	50387	49.352	ug/l	99
5) Bromomethane	1.599	94	28033	49.408	ug/l	100
6) Chloroethane	1.678	64	31156	48.219	ug/l	93
7) Trichlorofluoromethane	1.879	101	83122	51.548	ug/l	100
8) Diethyl Ether	2.135	74	29057	51.552	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.324	101	40912	47.134	ug/l	98
10) Methyl Iodide	2.452	142	41345	46.215	ug/l	99
11) Tert butyl alcohol	2.971	59	60901	283.184	ug/l #	91
12) 1,1-Dichloroethene	2.312	96	41581	47.715	ug/l	98
13) Acrolein	2.239	56	60389	437.986	ug/l	100
14) Allyl chloride	2.660	41	74730	49.016	ug/l	94
15) Acrylonitrile	3.062	53	141159	261.670	ug/l	98
16) Acetone	2.379	43	125608	301.071	ug/l	100
17) Carbon Disulfide	2.507	76	106159	43.991	ug/l	99
18) Methyl Acetate	2.702	43	64870	50.435	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	149590	50.325	ug/l	100
20) Methylene Chloride	2.788	84	46818	46.894	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	44208	47.568	ug/l	97
22) Diisopropyl ether	3.763	45	150896	49.252	ug/l	94
23) Vinyl Acetate	3.720	43	683586	243.574	ug/l	99
24) 1,1-Dichloroethane	3.611	63	92388	51.711	ug/l	99
25) 2-Butanone	4.562	43	207668	285.692	ug/l	100
26) 2,2-Dichloropropane	4.470	77	61186	43.014	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	52609	48.387	ug/l	98
28) Bromochloromethane	4.897	49	36384	48.684	ug/l	99
29) Tetrahydrofuran	5.007	42	136040	268.274	ug/l	99
30) Chloroform	5.098	83	95078	50.137	ug/l	95
31) Cyclohexane	5.476	56	69283	47.802	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	82019	50.673	ug/l	98
36) 1,1-Dichloropropene	5.696	75	67033	46.516	ug/l	99
37) Ethyl Acetate	4.720	43	75466	47.851	ug/l	99
38) Carbon Tetrachloride	5.677	117	67603	48.560	ug/l	92
39) Methylcyclohexane	7.378	83	71301	45.828	ug/l	97
40) Benzene	6.037	78	184558	47.303	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.921	41	43016	48.829	ug/l	94
42) 1,2-Dichloroethane	6.086	62	81522	50.484	ug/l	98
43) Isopropyl Acetate	6.342	43	118863	48.032	ug/l	98
44) Trichloroethene	7.122	130	49447	47.125	ug/l	100
45) 1,2-Dichloropropane	7.433	63	48723	46.662	ug/l	98
46) Dibromomethane	7.586	93	36906	48.075	ug/l	98
47) Bromodichloromethane	7.823	83	74460	49.262	ug/l	99
48) Methyl methacrylate	7.695	41	65475	52.935	ug/l	95
49) 1,4-Dioxane	7.659	88	25457	1087.994	ug/l #	98
51) 4-Methyl-2-Pentanone	8.573	43	428774	262.061	ug/l	98
52) Toluene	8.720	92	116956	48.845	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	73656	48.017	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	76651	46.488	ug/l	99
55) 1,1,2-Trichloroethane	9.152	97	50181	50.500	ug/l	90
56) Ethyl methacrylate	9.116	69	78191	50.893	ug/l #	93
57) 1,3-Dichloropropane	9.311	76	84986	49.103	ug/l	99
59) 2-Hexanone	9.433	43	337795	268.529	ug/l	97
60) Dibromochloromethane	9.524	129	53634	49.693	ug/l	99
61) 1,2-Dibromoethane	9.610	107	53393	49.241	ug/l	100
64) Tetrachloroethene	9.274	164	42726	48.123	ug/l	98
65) Chlorobenzene	10.079	112	126881	47.169	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.164	131	46232	48.769	ug/l	98
67) Ethyl Benzene	10.195	91	237520	48.237	ug/l	99
68) m/p-Xylenes	10.299	106	173407	94.308	ug/l	93
69) o-Xylene	10.640	106	85350	48.533	ug/l	95
70) Styrene	10.658	104	142950	48.760	ug/l	98
71) Bromoform	10.798	173	39191	50.504	ug/l #	99
73) Isopropylbenzene	10.963	105	230761	47.835	ug/l	99
74) N-amyl acetate	10.841	43	104584	46.679	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	82793	47.456	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	90106	62.503	ug/l	91
77) Bromobenzene	11.201	156	54373	47.668	ug/l	98
78) n-propylbenzene	11.304	91	278310	46.511	ug/l	97
79) 2-Chlorotoluene	11.365	91	165230	45.870	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	195553	47.665	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	21557	45.501	ug/l	99
82) 4-Chlorotoluene	11.457	91	192504	46.214	ug/l	99
83) tert-Butylbenzene	11.713	119	190142	49.159	ug/l	99
84) 1,2,4-Trimethylbenzene	11.749	105	195750	48.089	ug/l	100
85) sec-Butylbenzene	11.890	105	242235	47.671	ug/l	99
86) p-Isopropyltoluene	12.012	119	196600	46.938	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	102530	45.095	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	104516	45.156	ug/l	100
89) n-Butylbenzene	12.335	91	188573	45.761	ug/l	96
90) Hexachloroethane	12.536	117	33353	47.845	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	100696	46.475	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.944	75	21179	52.072	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	65531	46.344	ug/l	98
94) Hexachlorobutadiene	13.725	225	24805	42.923	ug/l	99
95) Naphthalene	13.774	128	221616	49.044	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	64583	48.048	ug/l	100

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QLast Update : Tue Feb 27 05:01:33 2024
Response via : Initial Calibration

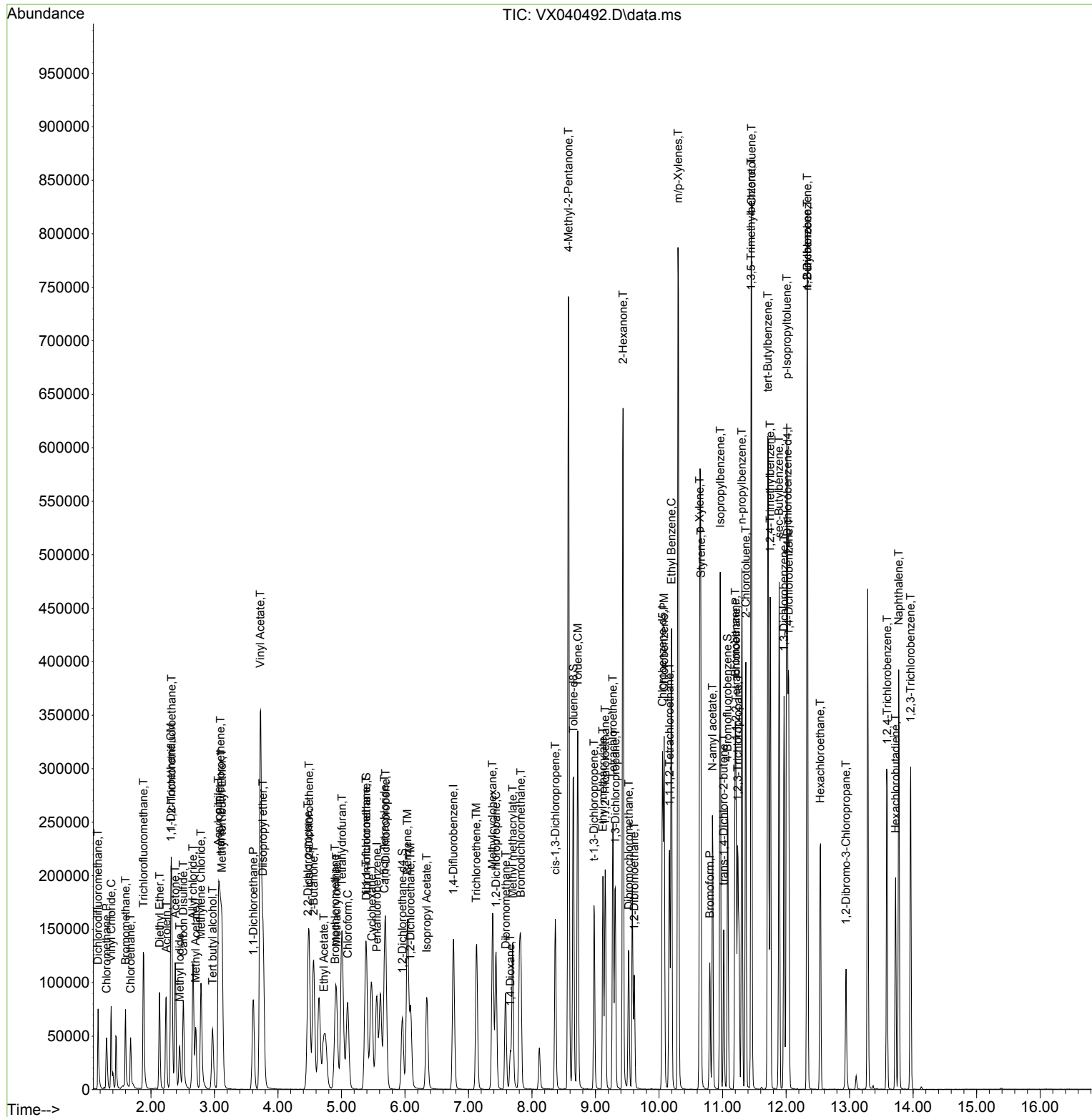
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

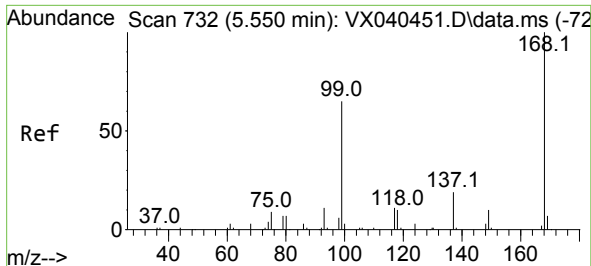
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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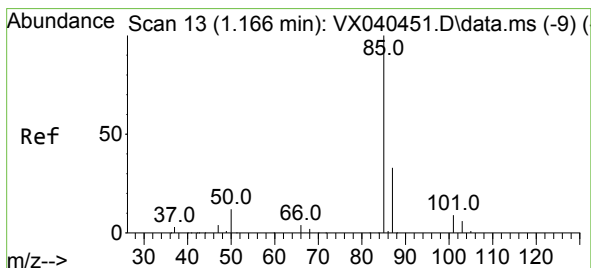
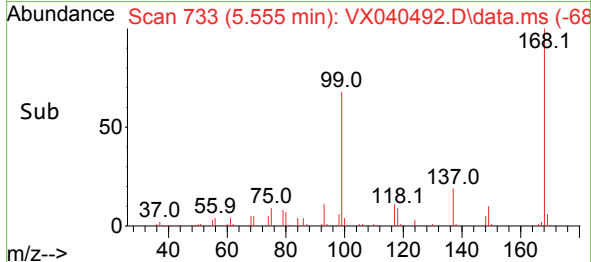
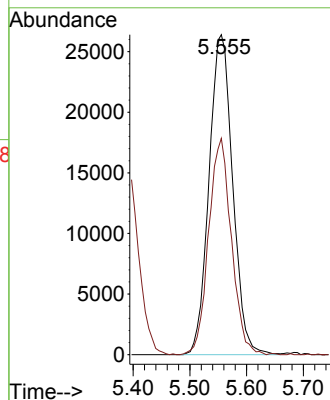
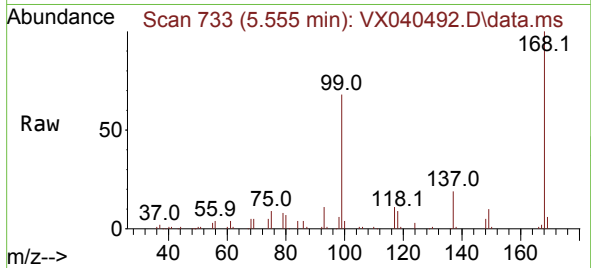




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.555 min Scan# 71
Delta R.T. 0.005 min
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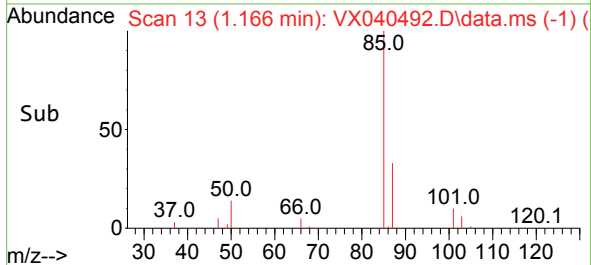
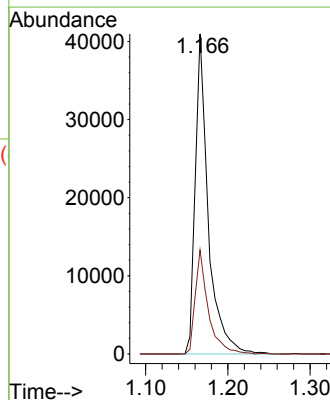
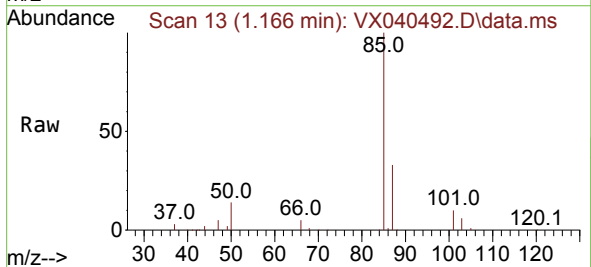
Instrument :
MSVOA_X
ClientSampleId :
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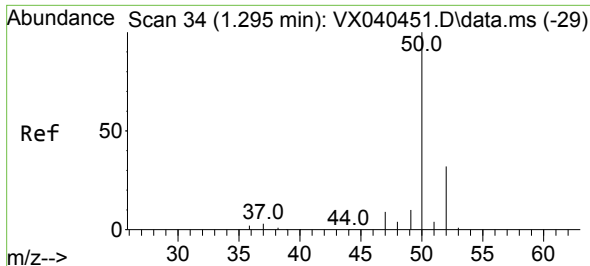
Tgt Ion:168 Resp: 76488
Ion Ratio Lower Upper
168 100
99 67.6 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 47.159 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX040492.D
Acq: 27 Feb 2024 16:13

Tgt Ion: 85 Resp: 44890
Ion Ratio Lower Upper
85 100
87 32.5 16.7 50.1

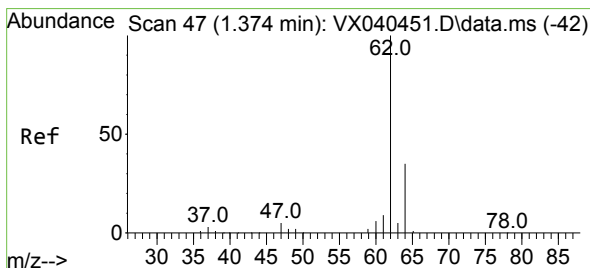
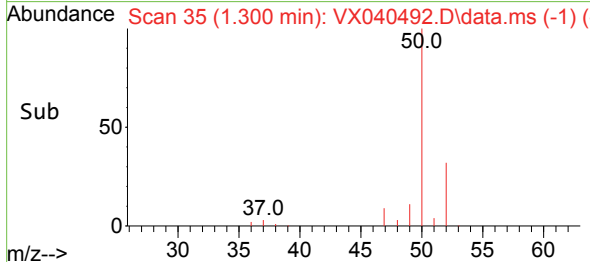
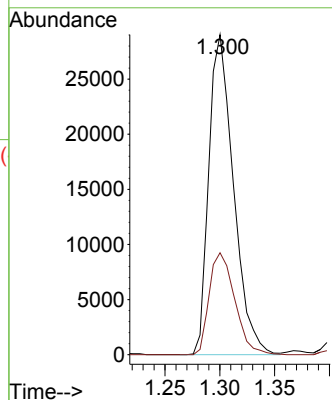
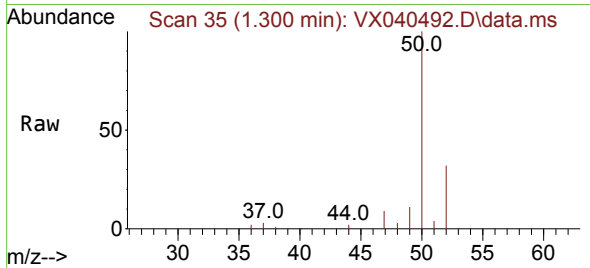




#3
Chloromethane
Concen: 48.168 ug/l
RT: 1.300 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX040492.D
Acq: 27 Feb 2024 16:13

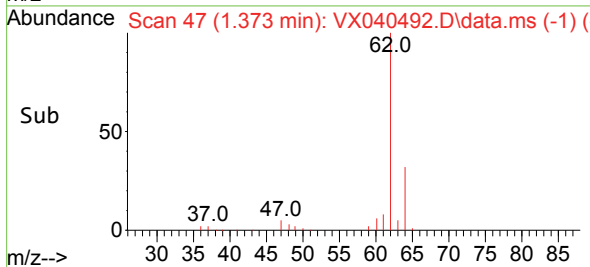
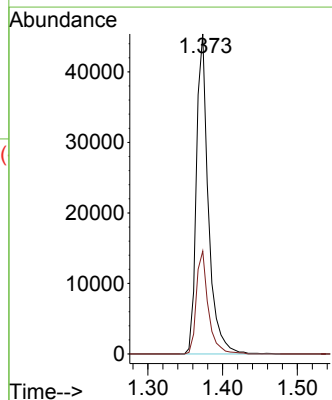
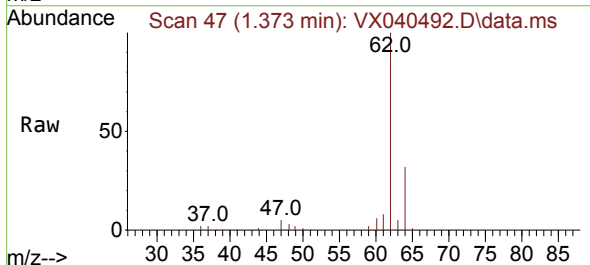
Instrument :
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ClientSampleId :
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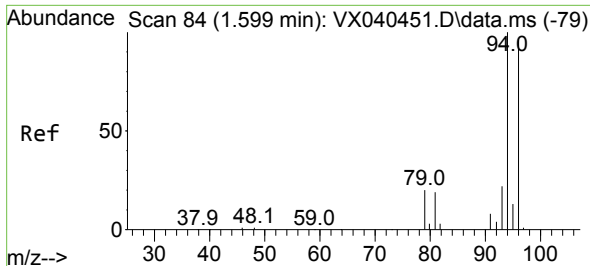
Tgt Ion: 50 Resp: 45478
Ion Ratio Lower Upper
50 100
52 31.8 25.5 38.3



#4
Vinyl Chloride
Concen: 49.352 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX040492.D
Acq: 27 Feb 2024 16:13

Tgt Ion: 62 Resp: 50387
Ion Ratio Lower Upper
62 100
64 32.1 25.4 38.0

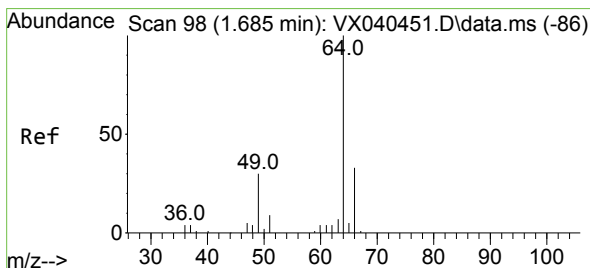
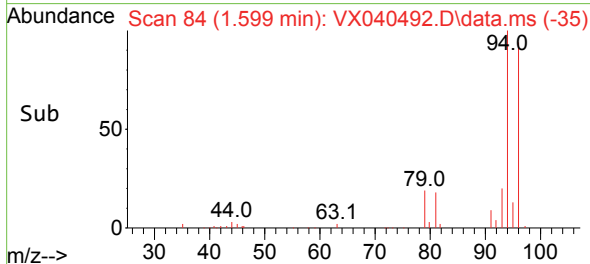
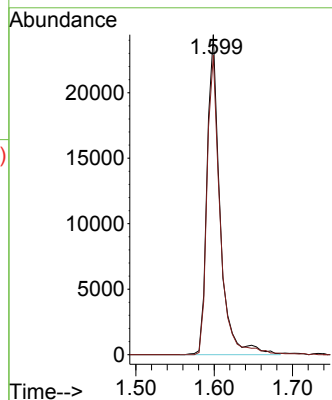
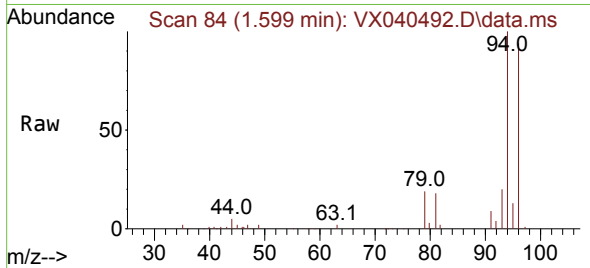




#5
Bromomethane
Concen: 49.408 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX040492.D
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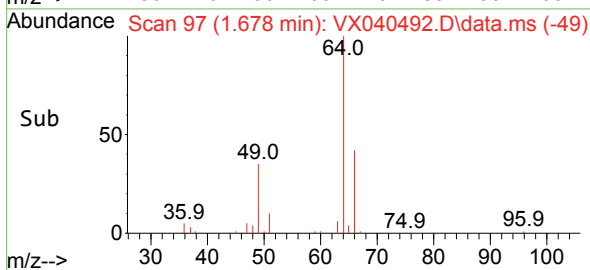
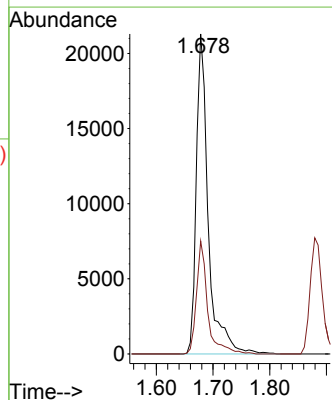
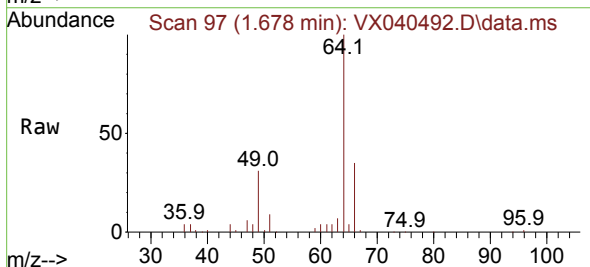
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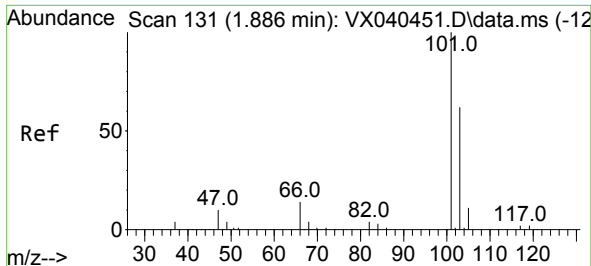
Tgt Ion: 94 Resp: 28033
Ion Ratio Lower Upper
94 100
96 93.5 74.6 111.8



#6
Chloroethane
Concen: 48.219 ug/l
RT: 1.678 min Scan# 97
Delta R.T. -0.007 min
Lab File: VX040492.D
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Tgt Ion: 64 Resp: 31156
Ion Ratio Lower Upper
64 100
66 35.3 25.1 37.7

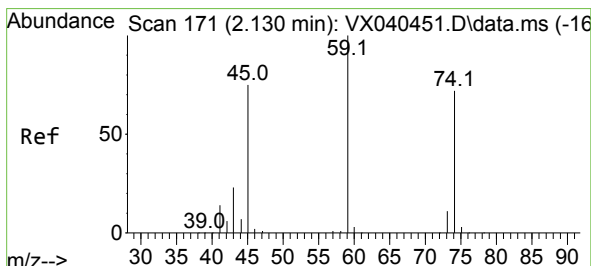
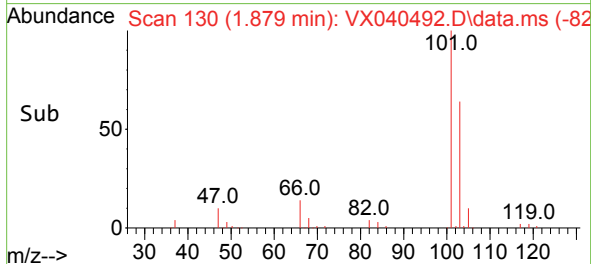
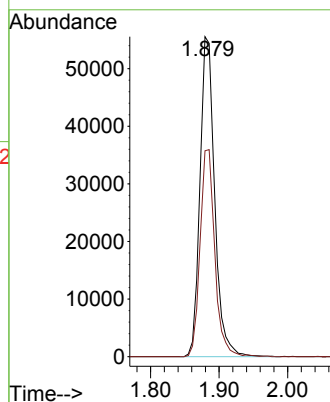
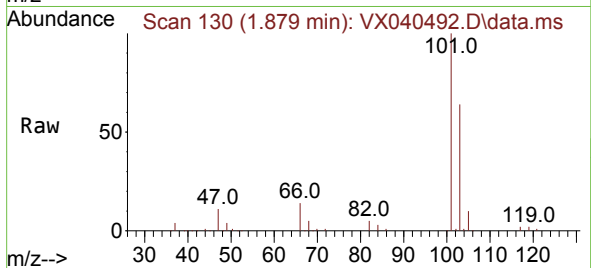




#7
Trichlorofluoromethane
Concen: 51.548 ug/l
RT: 1.879 min Scan# 11
Delta R.T. -0.007 min
Lab File: VX040492.D
Acq: 27 Feb 2024 16:13

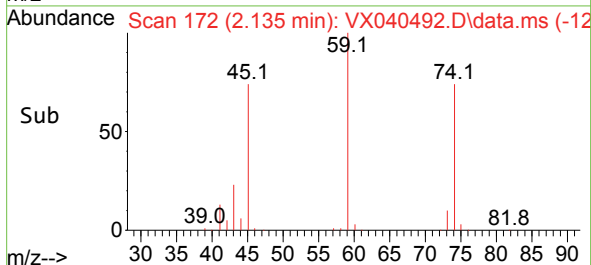
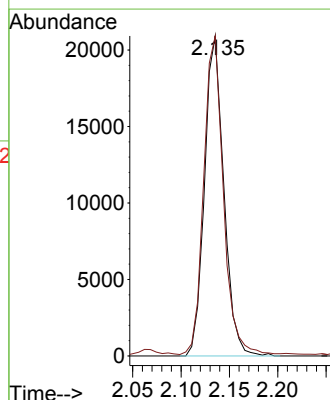
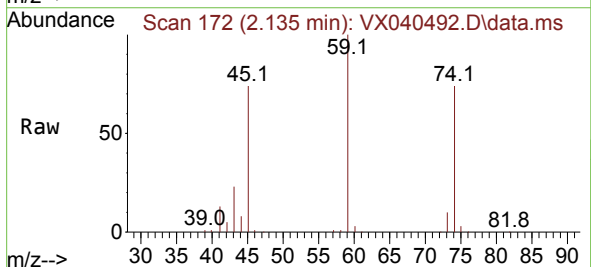
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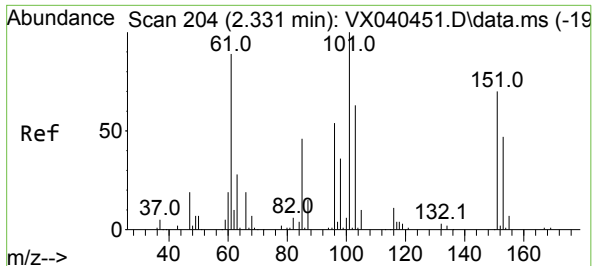
Tgt Ion:101 Resp: 83122
Ion Ratio Lower Upper
101 100
103 64.4 51.4 77.2



#8
Diethyl Ether
Concen: 51.552 ug/l
RT: 2.135 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX040492.D
Acq: 27 Feb 2024 16:13

Tgt Ion: 74 Resp: 29057
Ion Ratio Lower Upper
74 100
45 101.0 53.3 159.8

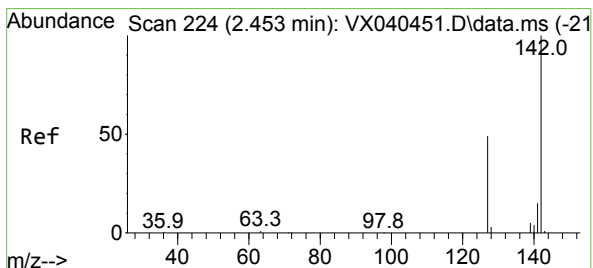
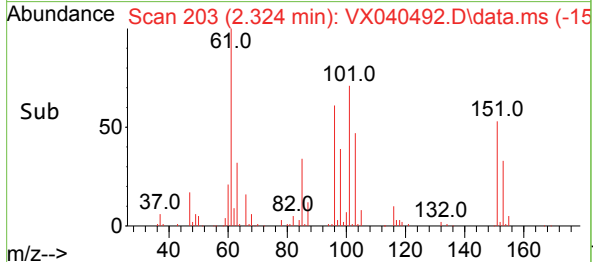
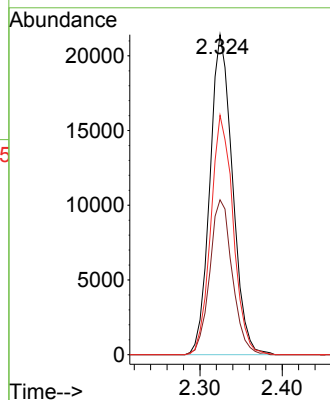
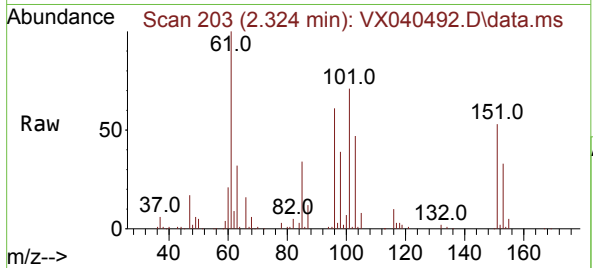




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.134 ug/l
RT: 2.324 min Scan# 204
Delta R.T. -0.007 min
Lab File: VX040492.D
Acq: 27 Feb 2024 16:13

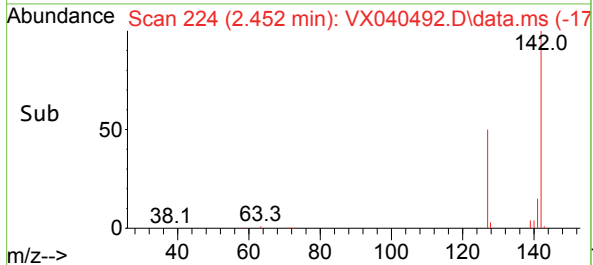
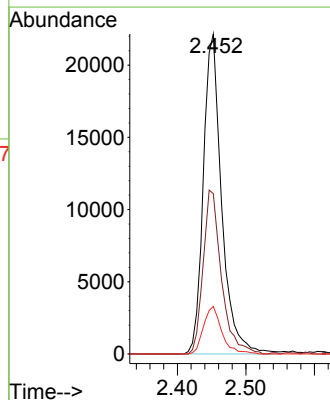
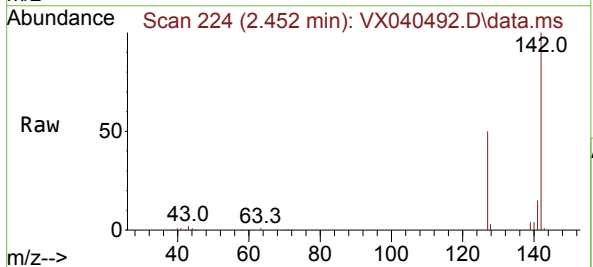
Instrument :
MSVOA_X
ClientSampleId :
TT161S1-20240221MS

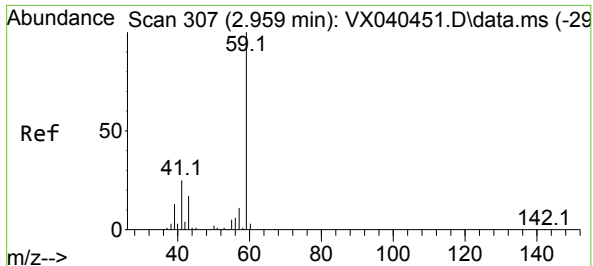
Tgt Ion:101 Resp: 40912
Ion Ratio Lower Upper
101 100
85 48.3 37.0 55.6
151 74.2 58.6 87.8



#10
Methyl Iodide
Concen: 46.215 ug/l
RT: 2.452 min Scan# 224
Delta R.T. -0.001 min
Lab File: VX040492.D
Acq: 27 Feb 2024 16:13

Tgt Ion:142 Resp: 41345
Ion Ratio Lower Upper
142 100
127 51.1 41.6 62.4
141 14.8 11.6 17.4

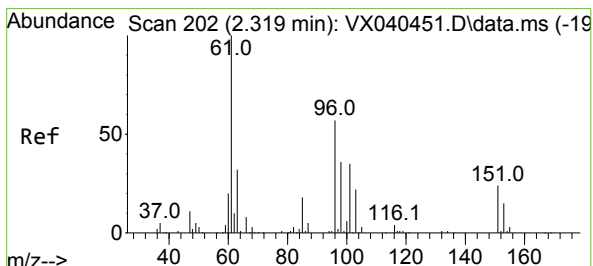
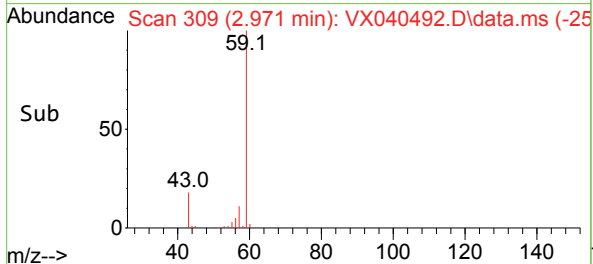
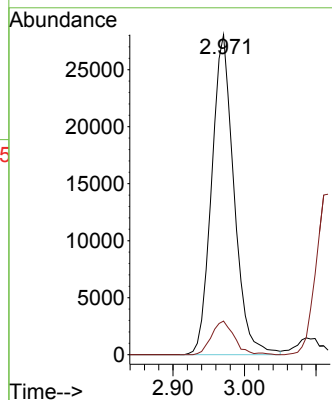
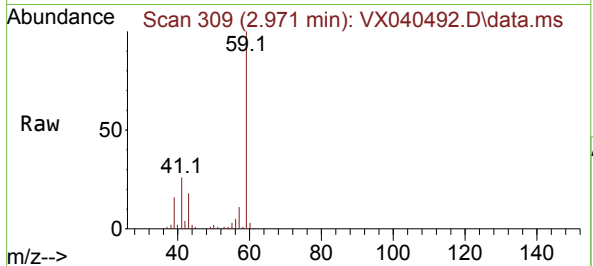




#11
Tert butyl alcohol
Concen: 283.184 ug/l
RT: 2.971 min Scan# 307
Delta R.T. 0.012 min
Lab File: VX040492.D
Acq: 27 Feb 2024 16:13

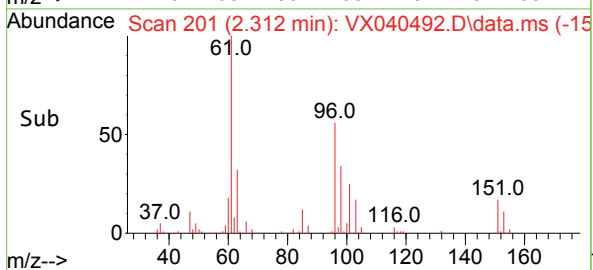
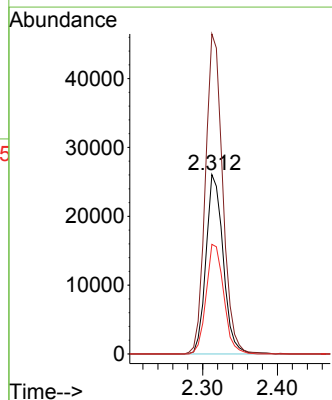
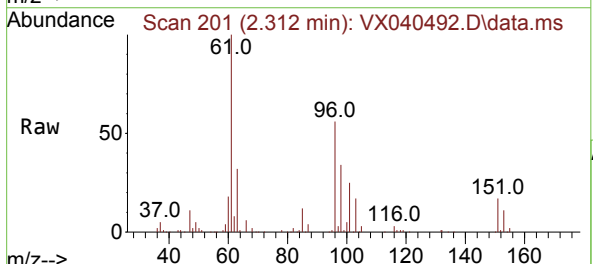
Instrument :
MSVOA_X
ClientSampleId :
TT161S1-20240221MS

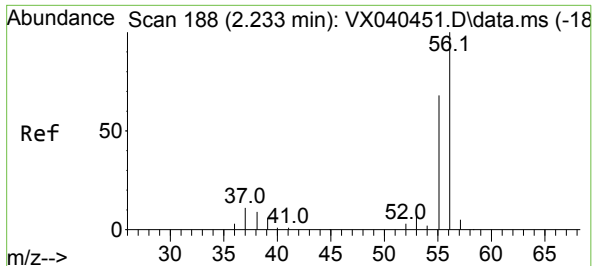
Tgt Ion: 59 Resp: 60901
Ion Ratio Lower Upper
59 100
57 10.8 6.0 9.0#



#12
1,1-Dichloroethene
Concen: 47.715 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.007 min
Lab File: VX040492.D
Acq: 27 Feb 2024 16:13

Tgt Ion: 96 Resp: 41581
Ion Ratio Lower Upper
96 100
61 178.4 144.6 216.8
98 61.1 50.4 75.6





#13

Acrolein

Concen: 437.986 ug/l

RT: 2.239 min Scan# 188

Delta R.T. 0.006 min

Lab File: VX040492.D

Acq: 27 Feb 2024 16:13

Instrument :

MSVOA_X

ClientSampleId :

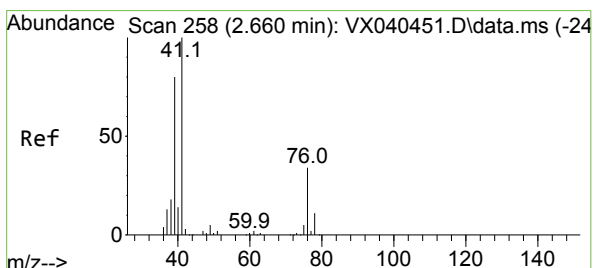
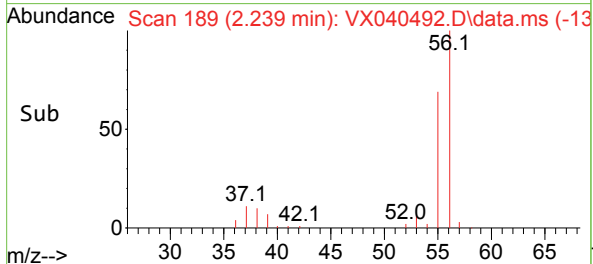
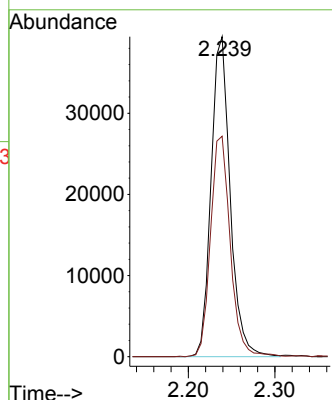
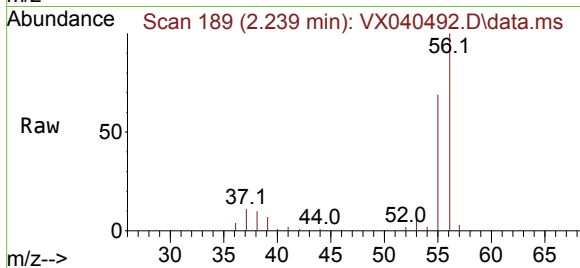
TT161S1-20240221MS

Tgt Ion: 56 Resp: 60389

Ion Ratio Lower Upper

56 100

55 71.2 57.1 85.7



#14

Allyl chloride

Concen: 49.016 ug/l

RT: 2.660 min Scan# 258

Delta R.T. -0.000 min

Lab File: VX040492.D

Acq: 27 Feb 2024 16:13

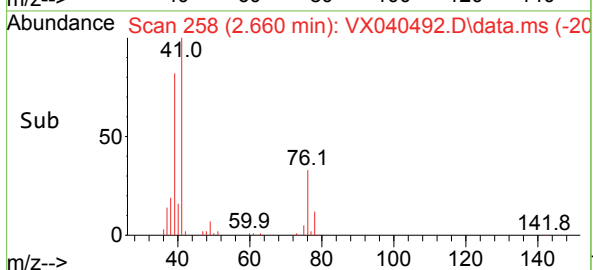
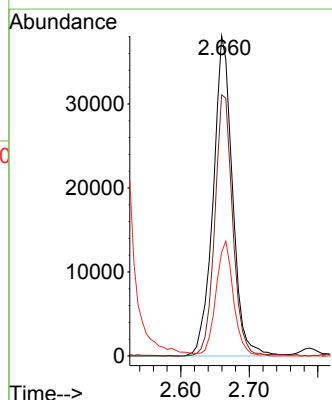
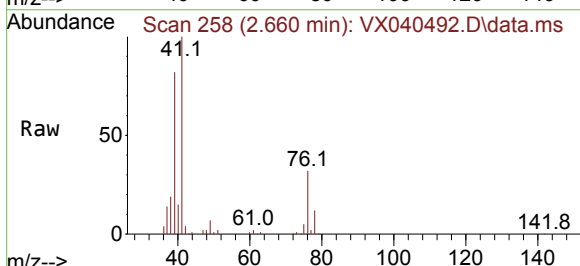
Tgt Ion: 41 Resp: 74730

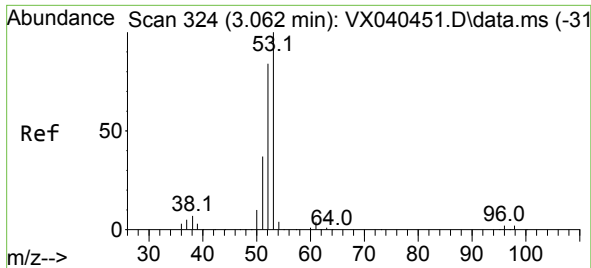
Ion Ratio Lower Upper

41 100

39 75.3 55.8 83.6

76 32.7 24.3 36.5

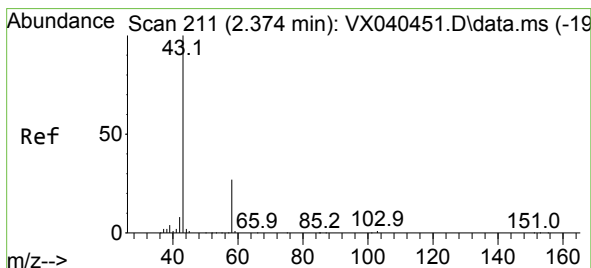
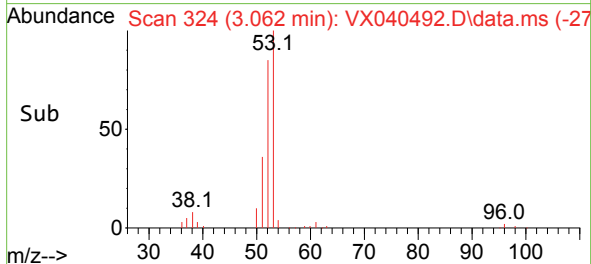
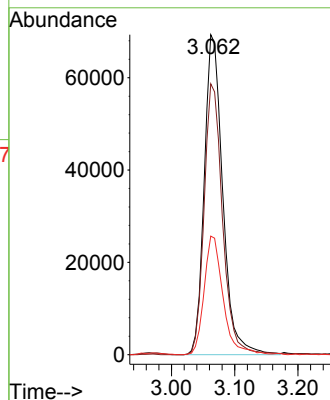
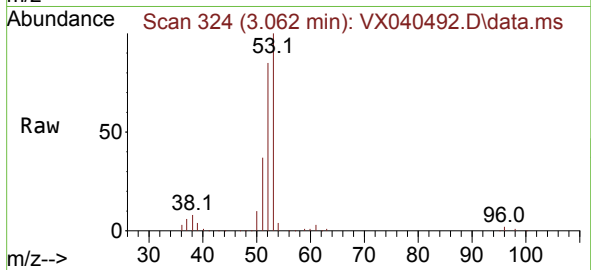




#15
Acrylonitrile
Concen: 261.670 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX040492.D
Acq: 27 Feb 2024 16:13

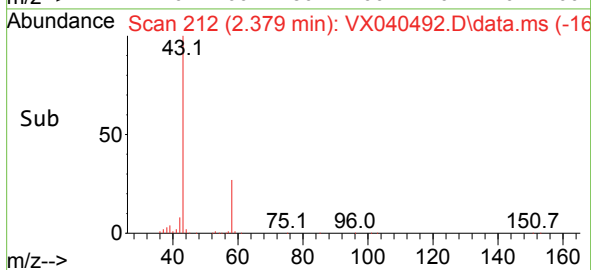
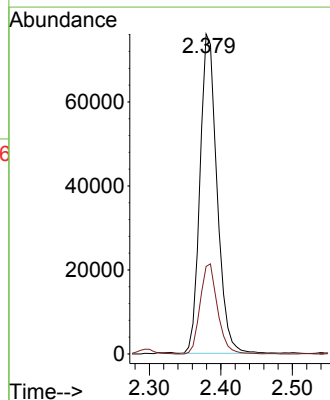
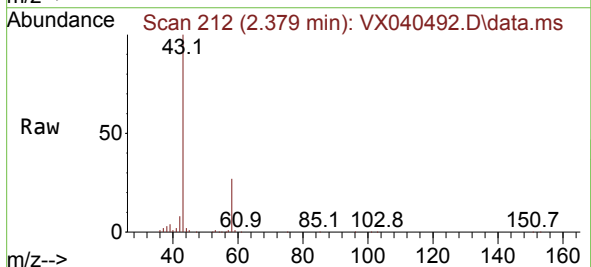
Instrument :
MSVOA_X
ClientSampleId :
TT161S1-20240221MS

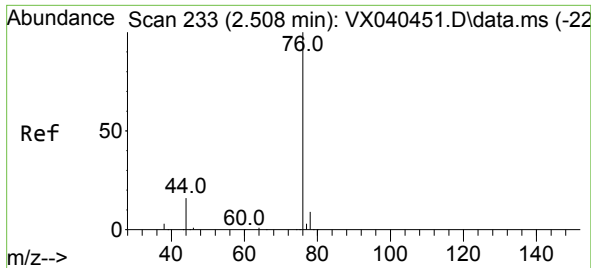
Tgt Ion:	53	Resp:	141159
Ion	Ratio	Lower	Upper
53	100		
52	84.5	66.0	99.0
51	38.0	29.8	44.6



#16
Acetone
Concen: 301.071 ug/l
RT: 2.379 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX040492.D
Acq: 27 Feb 2024 16:13

Tgt Ion:	43	Resp:	125608
Ion	Ratio	Lower	Upper
43	100		
58	27.4	21.9	32.9

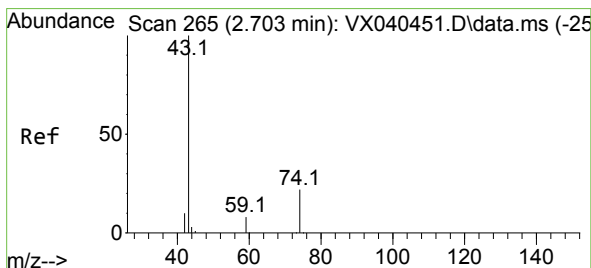
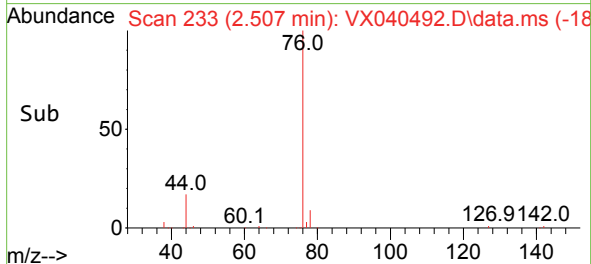
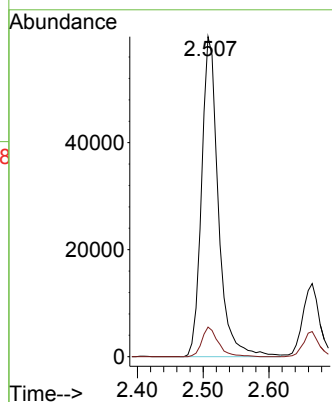
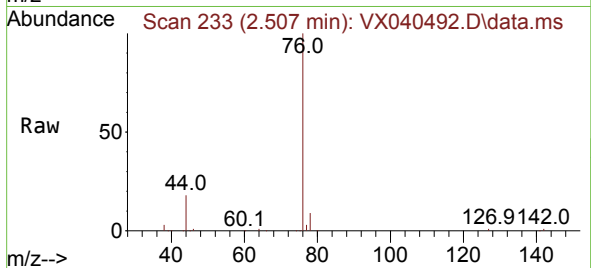




#17
Carbon Disulfide
Concen: 43.991 ug/l
RT: 2.507 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX040492.D
Acq: 27 Feb 2024 16:13

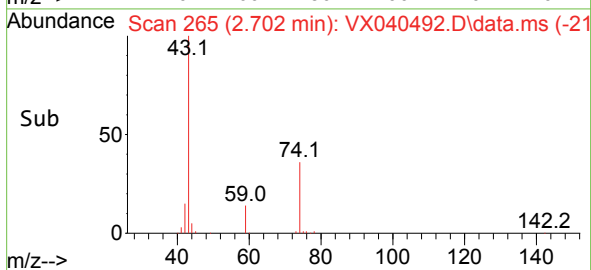
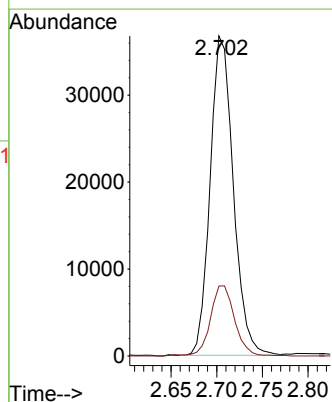
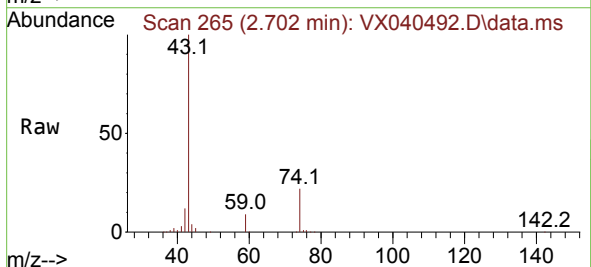
Instrument :
MSVOA_X
ClientSampleId :
TT161S1-20240221MS

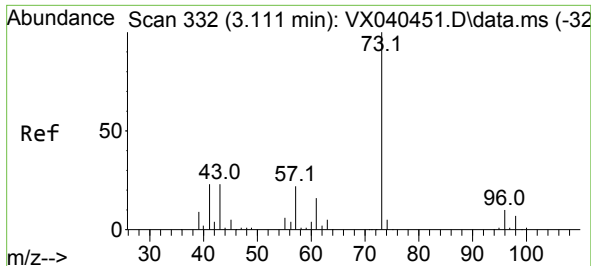
Tgt Ion: 76 Resp: 106159
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6



#18
Methyl Acetate
Concen: 50.435 ug/l
RT: 2.702 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX040492.D
Acq: 27 Feb 2024 16:13

Tgt Ion: 43 Resp: 64870
Ion Ratio Lower Upper
43 100
74 23.0 17.8 26.8

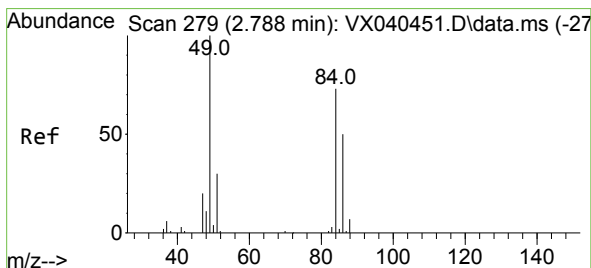
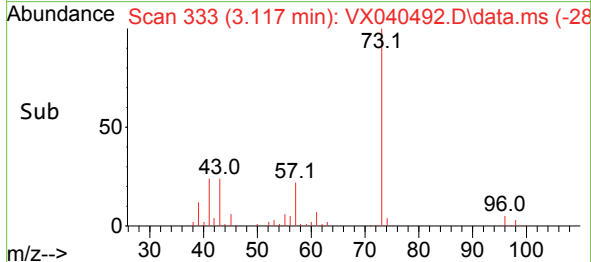
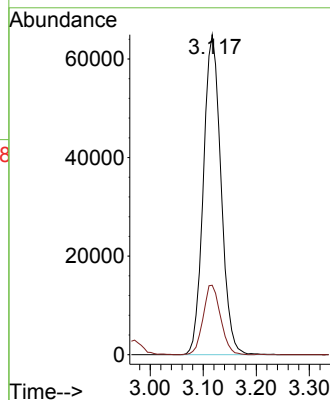
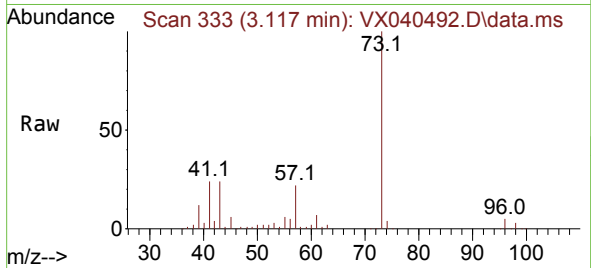




#19
Methyl tert-butyl Ether
Concen: 50.325 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX040492.D
Acq: 27 Feb 2024 16:13

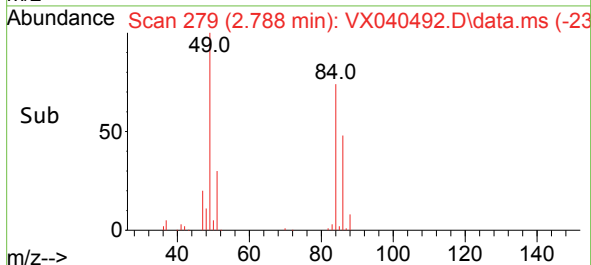
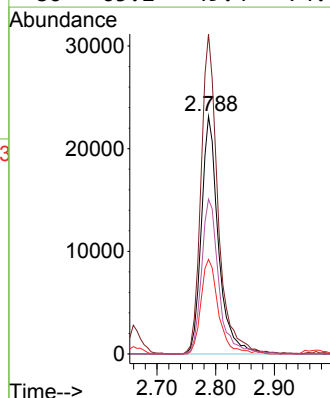
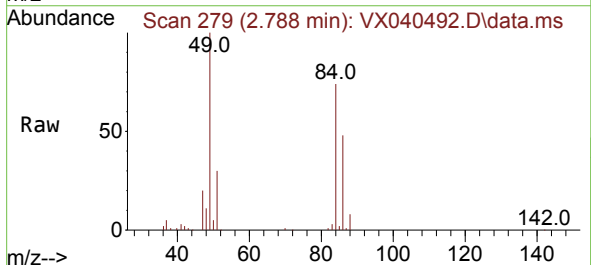
Instrument :
MSVOA_X
ClientSampleId :
TT161S1-20240221MS

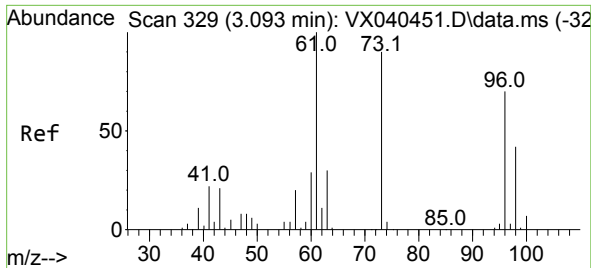
Tgt Ion: 73 Resp: 149590
Ion Ratio Lower Upper
73 100
57 21.7 17.3 25.9



#20
Methylene Chloride
Concen: 46.894 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX040492.D
Acq: 27 Feb 2024 16:13

Tgt Ion: 84 Resp: 46818
Ion Ratio Lower Upper
84 100
49 134.7 103.6 155.4
51 39.8 33.8 50.6
86 65.2 49.4 74.0

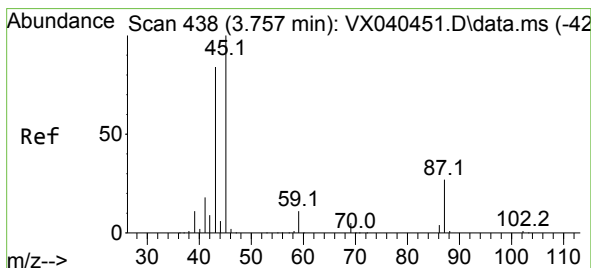
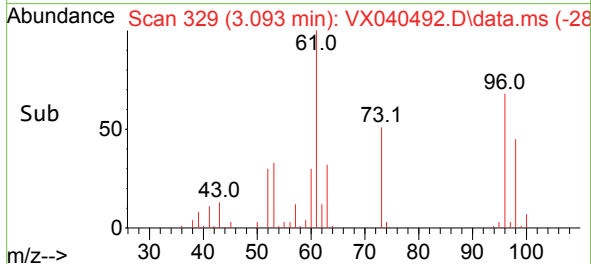
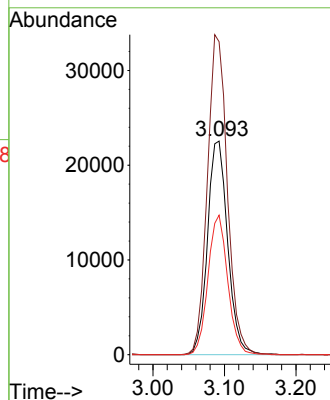
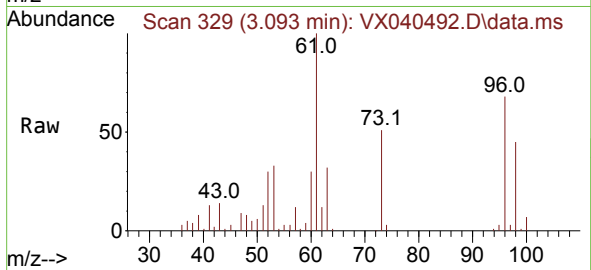




#21
trans-1,2-Dichloroethene
Concen: 47.568 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX040492.D
Acq: 27 Feb 2024 16:13

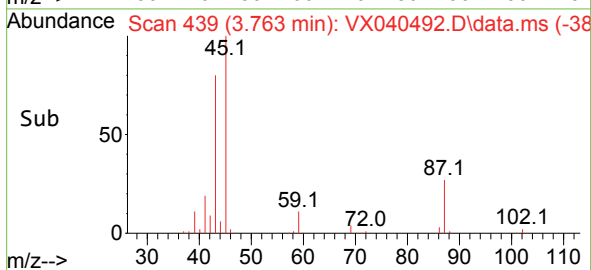
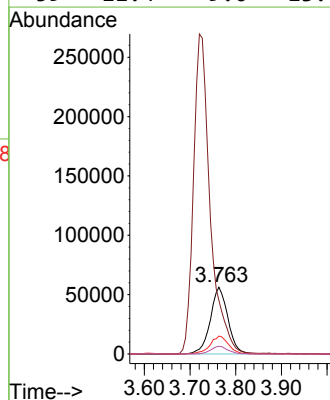
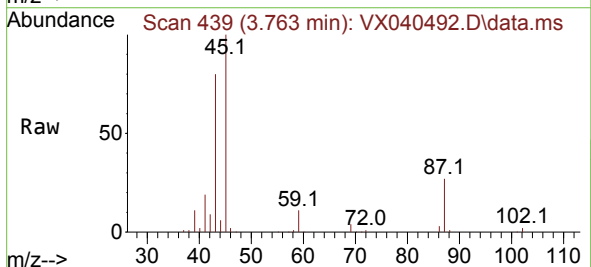
Instrument :
MSVOA_X
ClientSampleId :
TT161S1-20240221MS

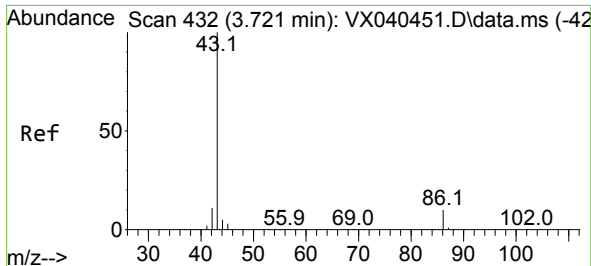
Tgt Ion: 96 Resp: 44208
Ion Ratio Lower Upper
96 100
61 146.5 119.2 178.8
98 65.3 48.7 73.1



#22
Diisopropyl ether
Concen: 49.252 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX040492.D
Acq: 27 Feb 2024 16:13

Tgt Ion: 45 Resp: 150896
Ion Ratio Lower Upper
45 100
43 79.5 69.7 104.5
87 26.8 20.8 31.2
59 11.4 9.0 13.4

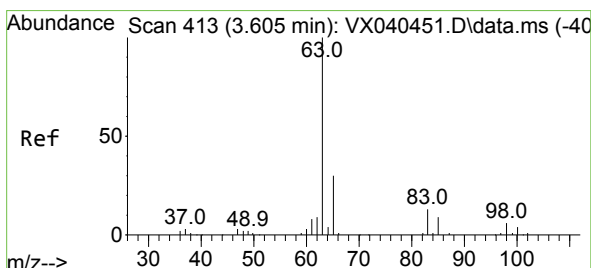
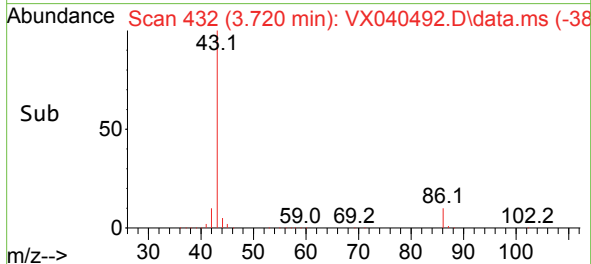
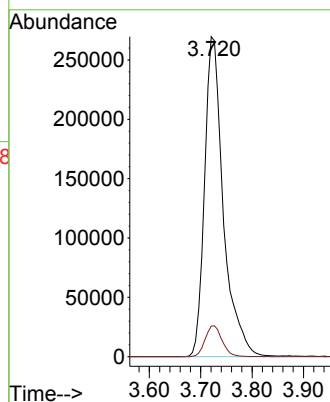
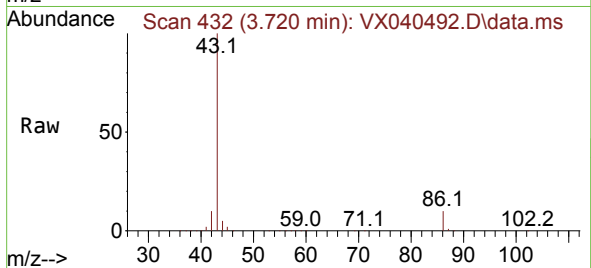




#23
 Vinyl Acetate
 Concen: 243.574 ug/l
 RT: 3.720 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX040492.D
 Acq: 27 Feb 2024 16:13

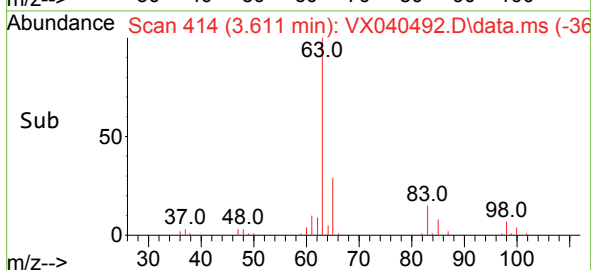
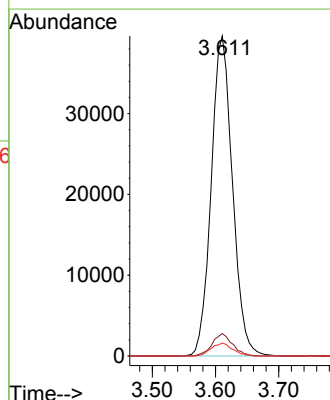
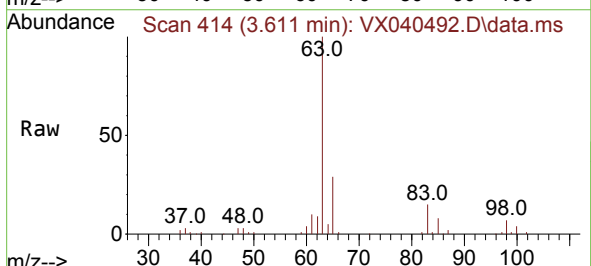
Instrument :
 MSVOA_X
 ClientSampleId :
 TT161S1-20240221MS

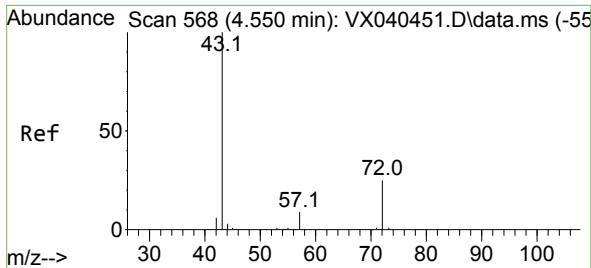
Tgt Ion: 43 Resp: 683586
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 51.711 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX040492.D
 Acq: 27 Feb 2024 16:13

Tgt Ion: 63 Resp: 92388
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.3 9.8
 100 4.1 2.1 6.5

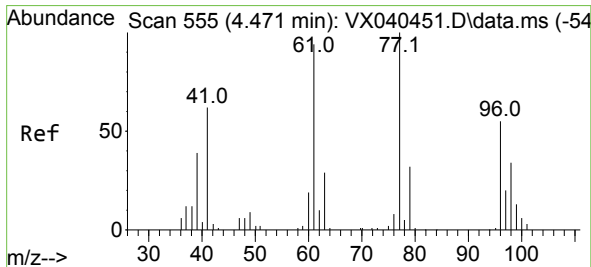
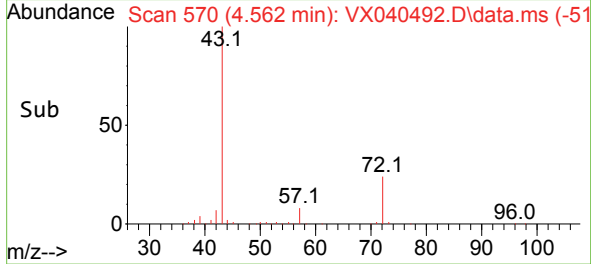
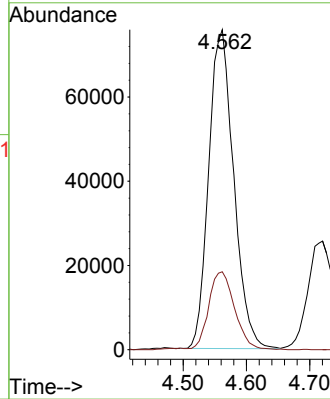
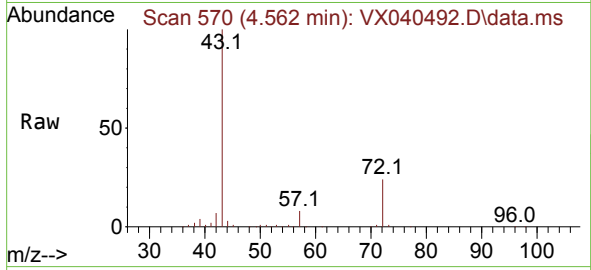




#25
2-Butanone
Concen: 285.692 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX040492.D
Acq: 27 Feb 2024 16:13

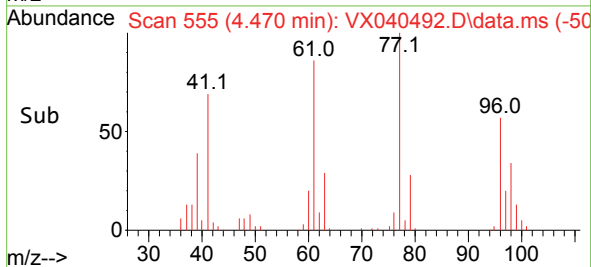
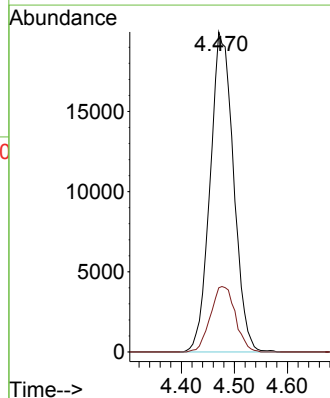
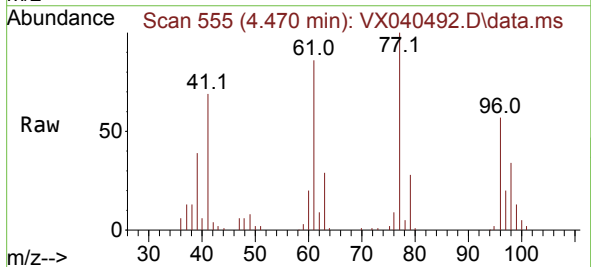
Instrument :
MSVOA_X
ClientSampleId :
TT161S1-20240221MS

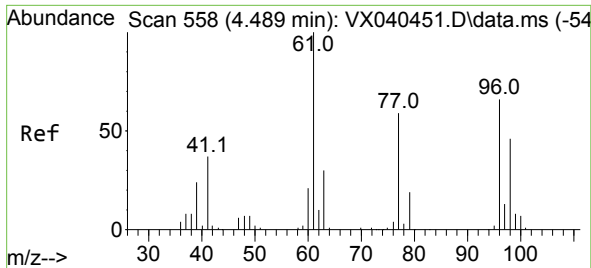
Tgt Ion: 43 Resp: 207668
Ion Ratio Lower Upper
43 100
72 24.2 19.4 29.2



#26
2,2-Dichloropropane
Concen: 43.014 ug/l
RT: 4.470 min Scan# 555
Delta R.T. -0.000 min
Lab File: VX040492.D
Acq: 27 Feb 2024 16:13

Tgt Ion: 77 Resp: 61186
Ion Ratio Lower Upper
77 100
97 21.7 10.8 32.3

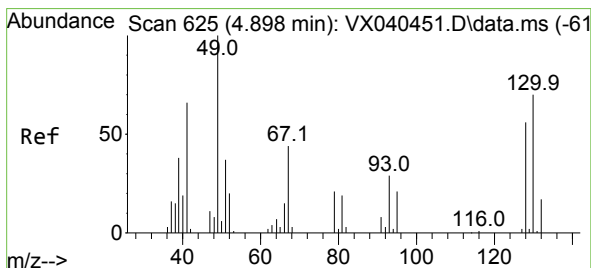
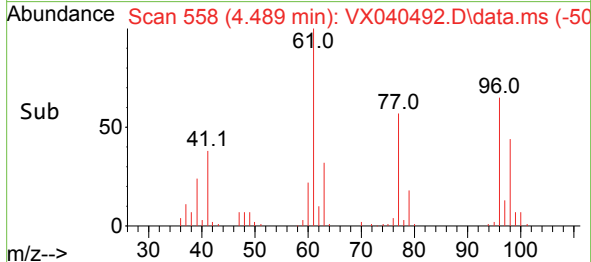
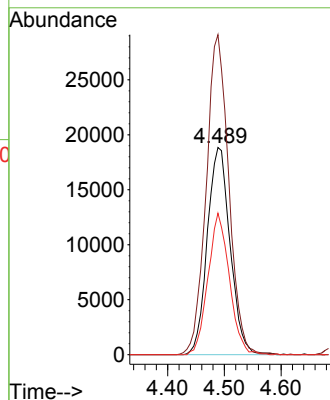
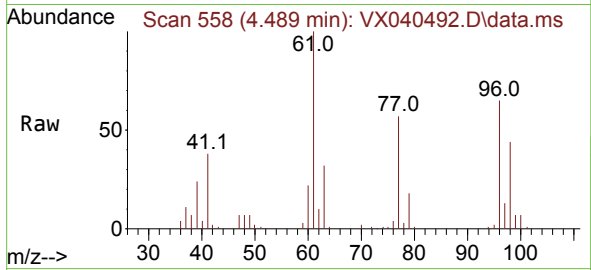




#27
 cis-1,2-Dichloroethene
 Concen: 48.387 ug/l
 RT: 4.489 min Scan# 511
 Delta R.T. -0.000 min
 Lab File: VX040492.D
 Acq: 27 Feb 2024 16:13

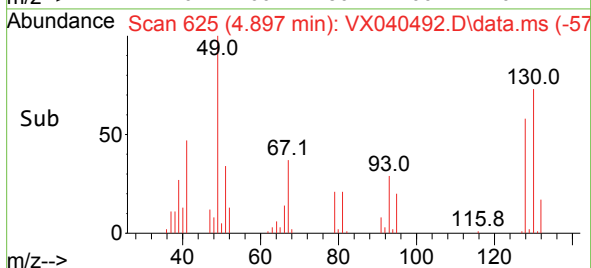
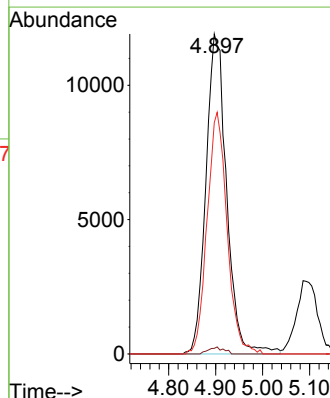
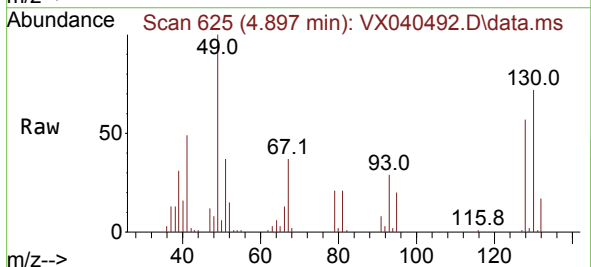
Instrument :
 MSVOA_X
 ClientSampleId :
 TT161S1-20240221MS

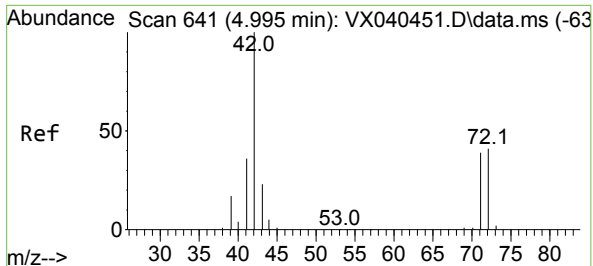
Tgt Ion: 96 Resp: 52609
 Ion Ratio Lower Upper
 96 100
 61 153.0 0.0 312.2
 98 64.1 0.0 129.0



#28
 Bromochloromethane
 Concen: 48.684 ug/l
 RT: 4.897 min Scan# 625
 Delta R.T. -0.000 min
 Lab File: VX040492.D
 Acq: 27 Feb 2024 16:13

Tgt Ion: 49 Resp: 36384
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 3.8
 130 72.9 57.5 86.3





#29

Tetrahydrofuran

Concen: 268.274 ug/l

RT: 5.007 min Scan# 641

Delta R.T. 0.012 min

Lab File: VX040492.D

Acq: 27 Feb 2024 16:13

Instrument :

MSVOA_X

ClientSampleId :

TT161S1-20240221MS

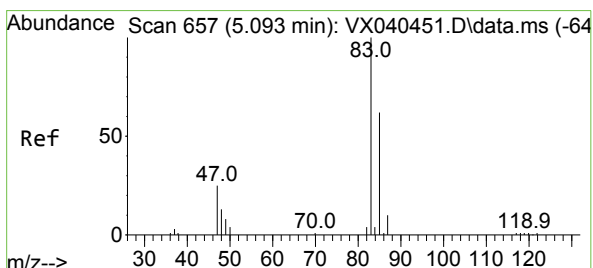
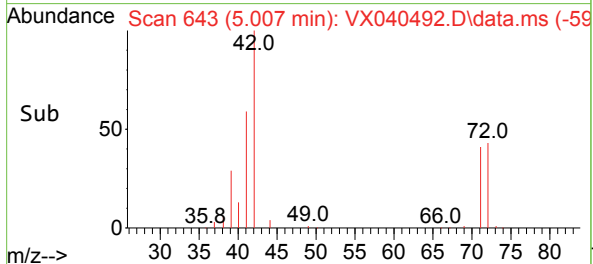
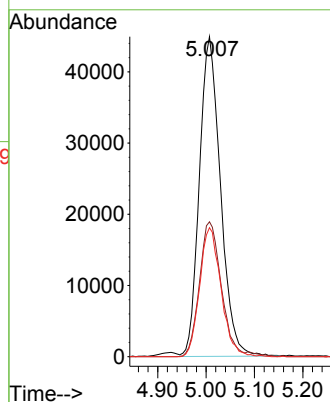
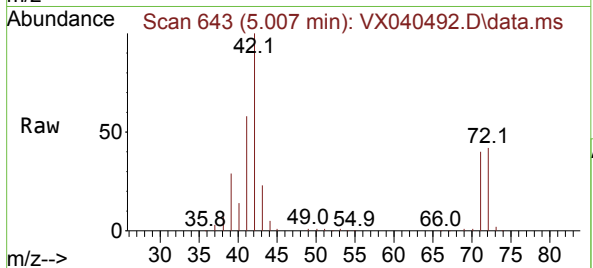
Tgt Ion: 42 Resp: 136040

Ion Ratio Lower Upper

42 100

72 43.3 34.2 51.4

71 40.9 32.2 48.2



#30

Chloroform

Concen: 50.137 ug/l

RT: 5.098 min Scan# 658

Delta R.T. 0.006 min

Lab File: VX040492.D

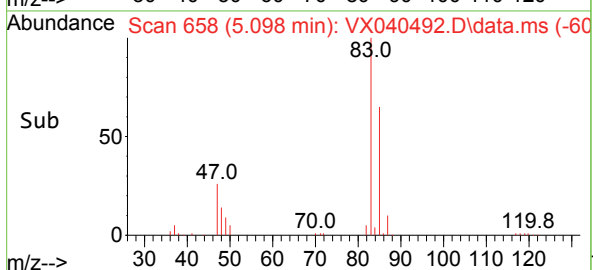
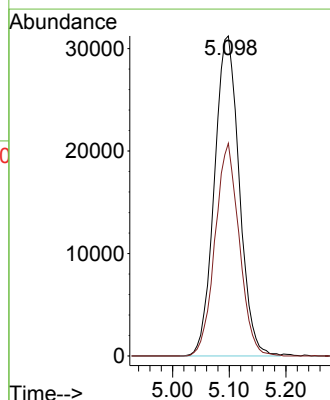
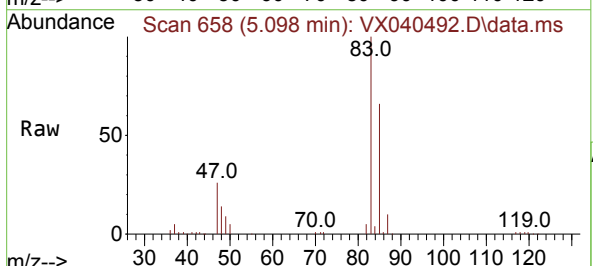
Acq: 27 Feb 2024 16:13

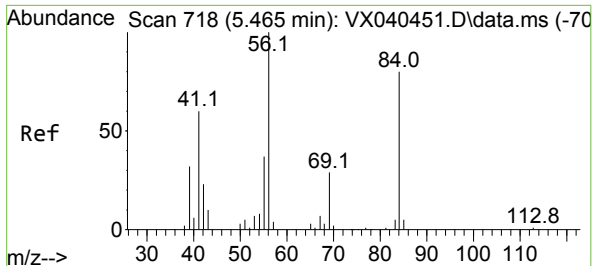
Tgt Ion: 83 Resp: 95078

Ion Ratio Lower Upper

83 100

85 66.4 50.3 75.5





#31

Cyclohexane

Concen: 47.802 ug/l

RT: 5.476 min Scan# 718

Delta R.T. 0.012 min

Lab File: VX040492.D

Acq: 27 Feb 2024 16:13

Instrument :

MSVOA_X

ClientSampleId :

TT161S1-20240221MS

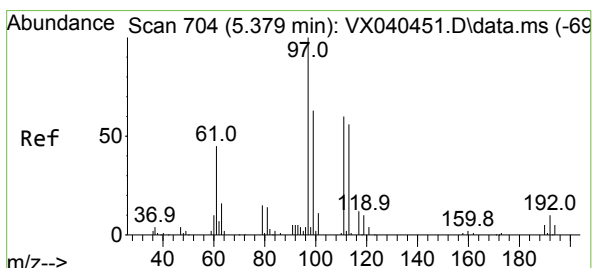
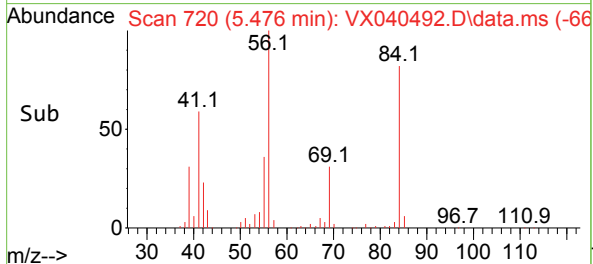
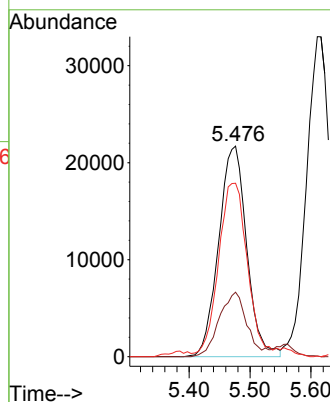
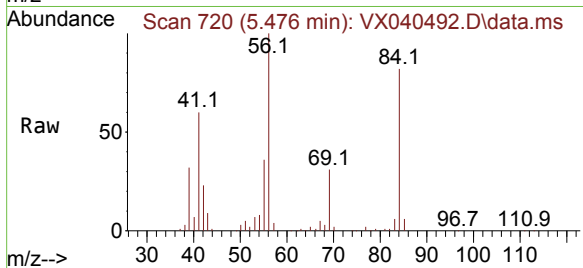
Tgt Ion: 56 Resp: 69283

Ion Ratio Lower Upper

56 100

69 30.2 23.4 35.2

84 79.7 65.9 98.9



#32

1,1,1-Trichloroethane

Concen: 50.673 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX040492.D

Acq: 27 Feb 2024 16:13

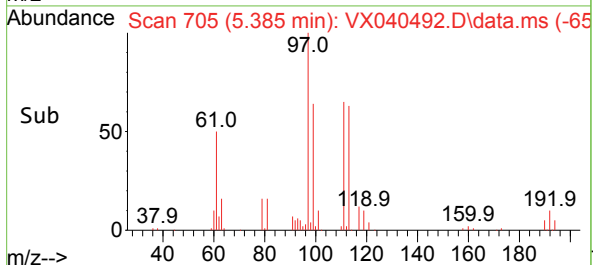
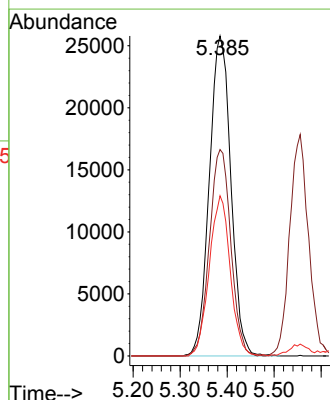
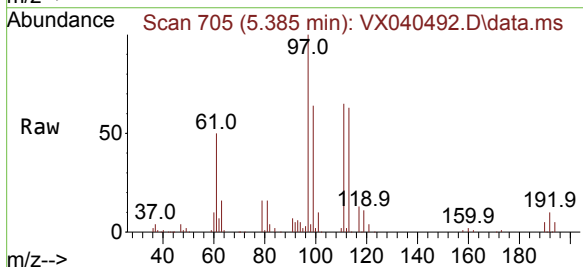
Tgt Ion: 97 Resp: 82019

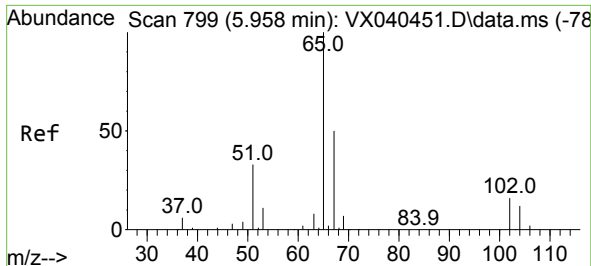
Ion Ratio Lower Upper

97 100

99 64.1 51.1 76.7

61 48.8 36.4 54.6

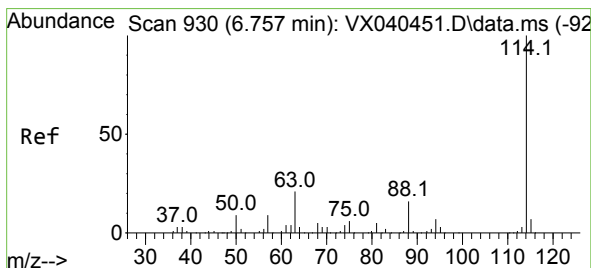
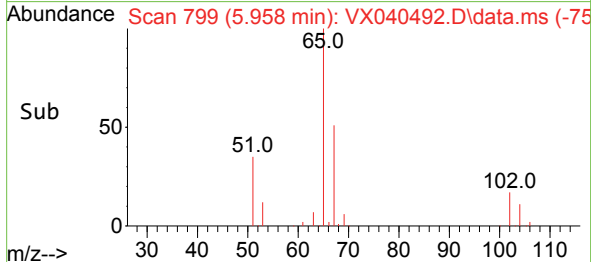
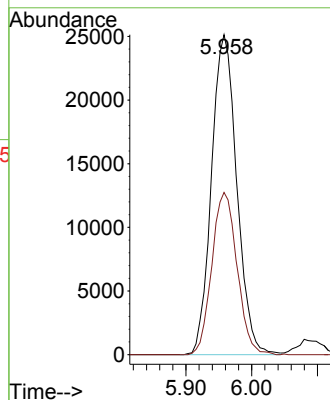
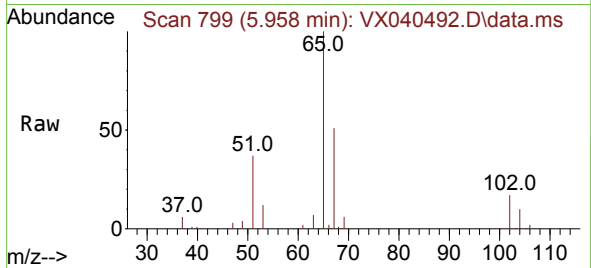




#33
 1,2-Dichloroethane-d4
 Concen: 52.650 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX040492.D
 Acq: 27 Feb 2024 16:13

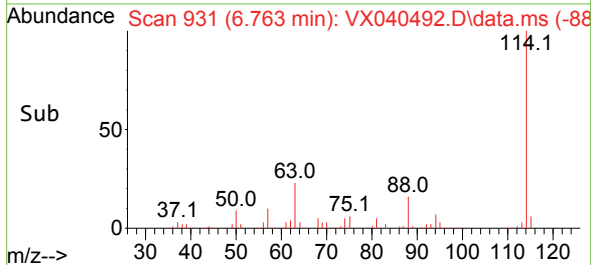
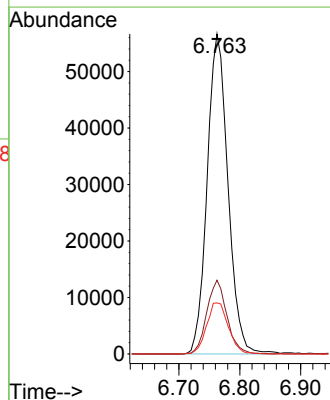
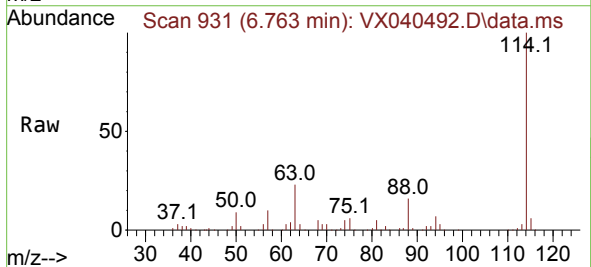
Instrument :
 MSVOA_X
 ClientSampleId :
 TT161S1-20240221MS

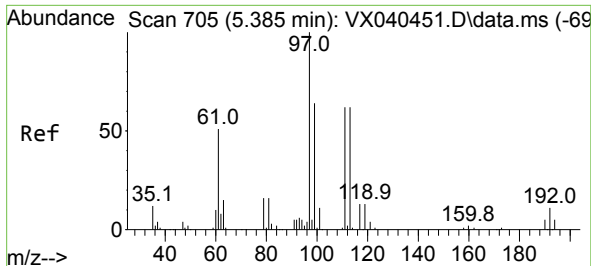
Tgt Ion: 65 Resp: 67356
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.006 min
 Lab File: VX040492.D
 Acq: 27 Feb 2024 16:13

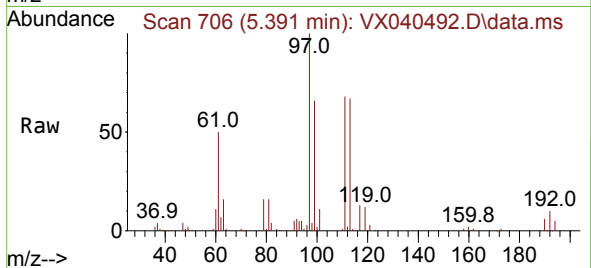
Tgt Ion:114 Resp: 134505
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 45.0
 88 16.0 0.0 36.6



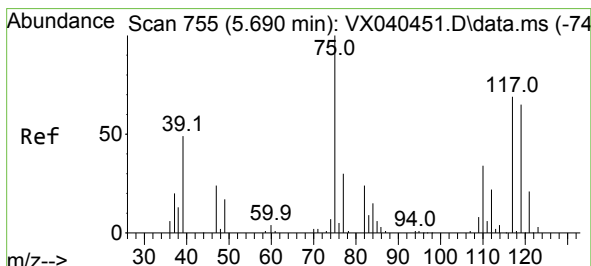
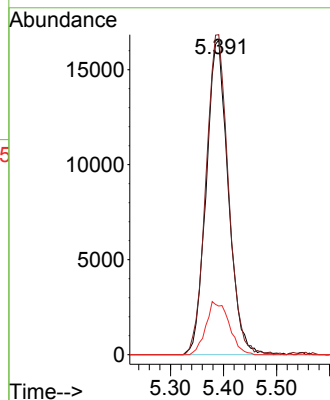
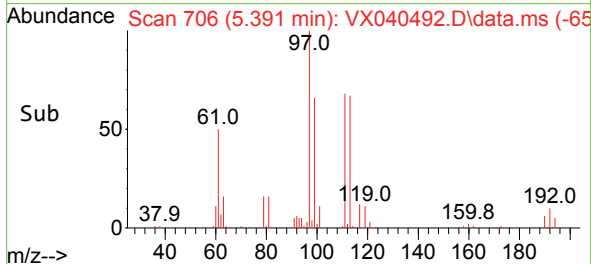


#35
Dibromofluoromethane
Concen: 51.006 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX040492.D
Acq: 27 Feb 2024 16:13

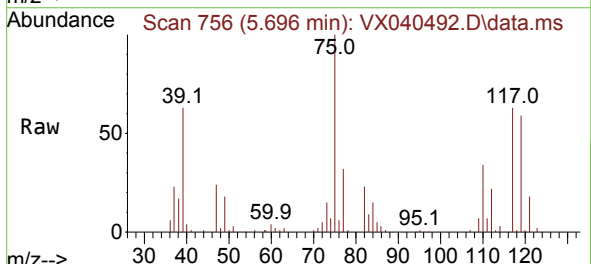
Instrument :
MSVOA_X
ClientSampleId :
TT161S1-20240221MS



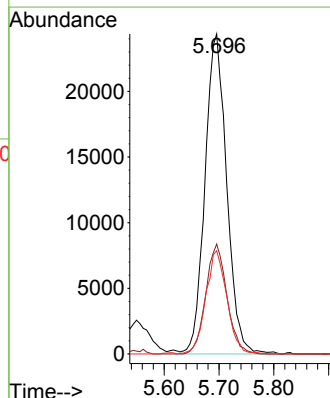
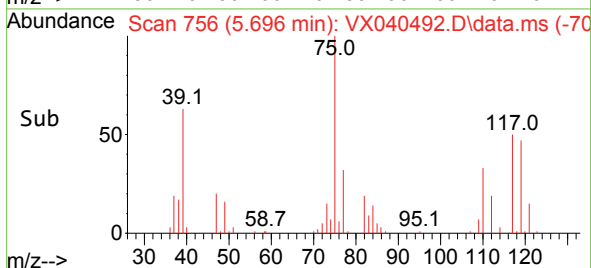
Tgt Ion:113 Resp: 47708
Ion Ratio Lower Upper
113 100
111 103.8 82.9 124.3
192 17.8 13.3 19.9

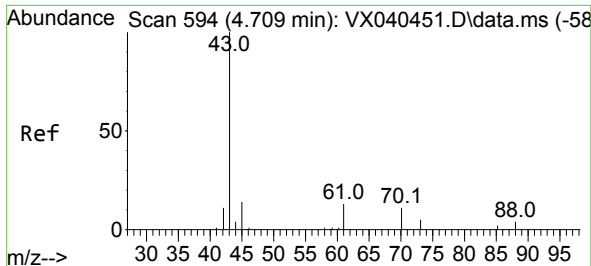


#36
1,1-Dichloropropene
Concen: 46.516 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX040492.D
Acq: 27 Feb 2024 16:13



Tgt Ion: 75 Resp: 67033
Ion Ratio Lower Upper
75 100
110 33.4 17.0 50.9
77 31.5 24.7 37.1





#37

Ethyl Acetate

Concen: 47.851 ug/l

RT: 4.720 min Scan# 596

Delta R.T. 0.012 min

Lab File: VX040492.D

Acq: 27 Feb 2024 16:13

Instrument :

MSVOA_X

ClientSampleId :

TT161S1-20240221MS

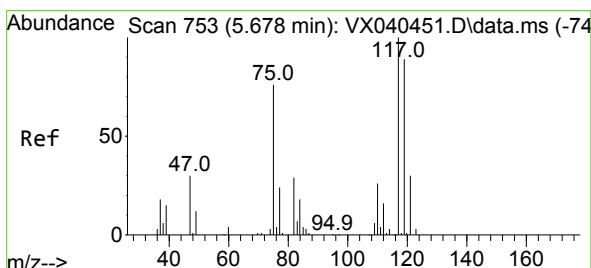
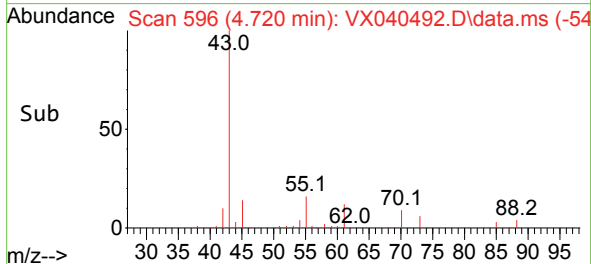
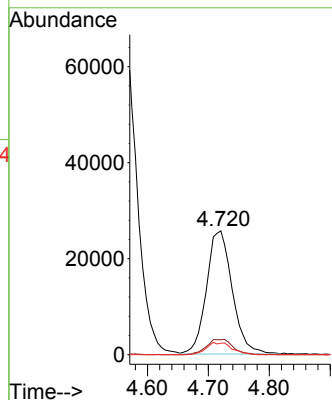
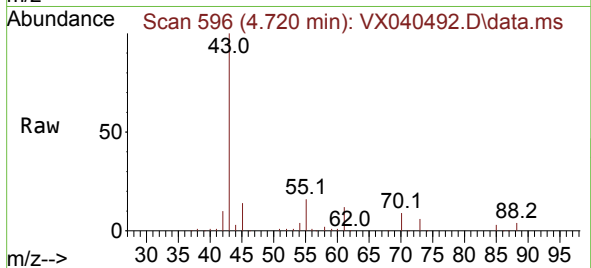
Tgt Ion: 43 Resp: 75466

Ion Ratio Lower Upper

43 100

61 12.8 10.6 16.0

70 9.7 8.3 12.5



#38

Carbon Tetrachloride

Concen: 48.560 ug/l

RT: 5.677 min Scan# 753

Delta R.T. -0.000 min

Lab File: VX040492.D

Acq: 27 Feb 2024 16:13

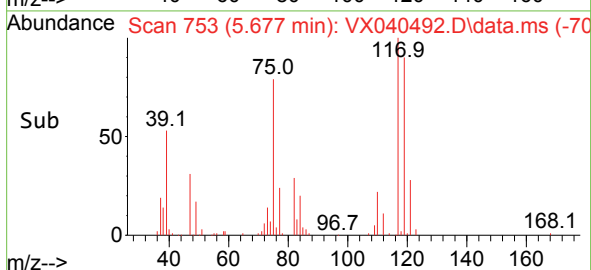
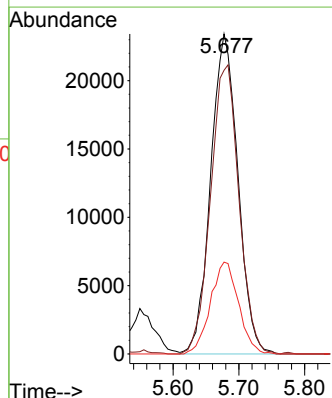
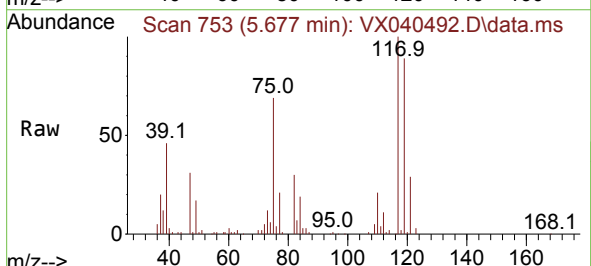
Tgt Ion: 117 Resp: 67603

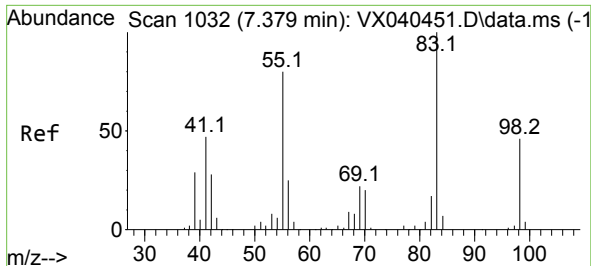
Ion Ratio Lower Upper

117 100

119 88.7 78.2 117.2

121 28.7 24.4 36.6





#39

Methylcyclohexane

Concen: 45.828 ug/l

RT: 7.378 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX040492.D

Acq: 27 Feb 2024 16:13

Instrument :

MSVOA_X

ClientSampleId :

TT161S1-20240221MS

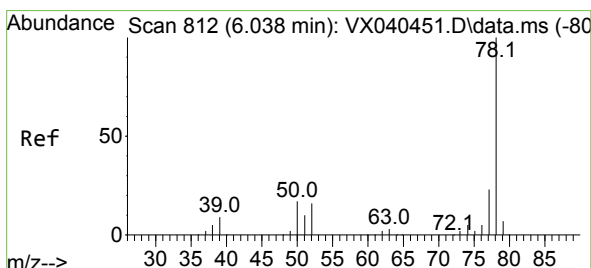
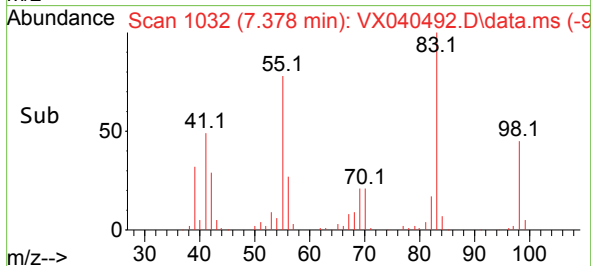
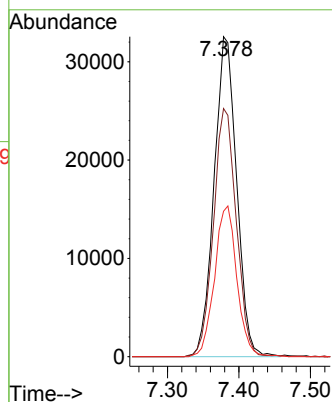
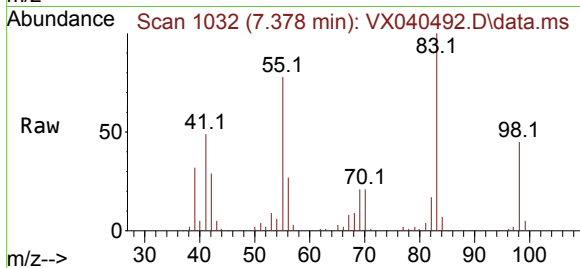
Tgt Ion: 83 Resp: 71301

Ion Ratio Lower Upper

83 100

55 77.6 64.6 97.0

98 45.4 36.7 55.1



#40

Benzene

Concen: 47.303 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.000 min

Lab File: VX040492.D

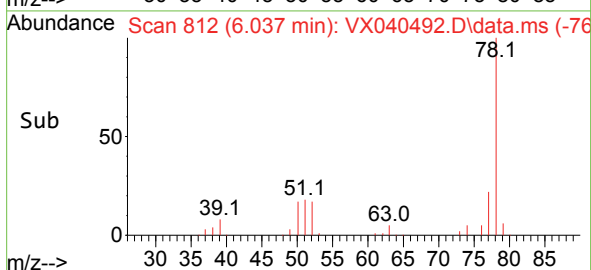
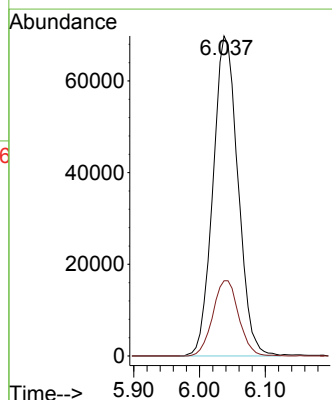
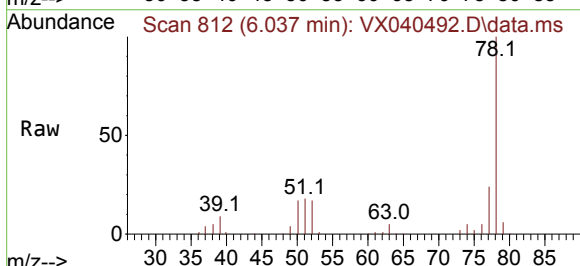
Acq: 27 Feb 2024 16:13

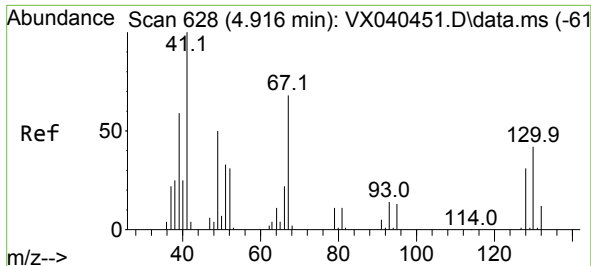
Tgt Ion: 78 Resp: 184558

Ion Ratio Lower Upper

78 100

77 23.5 19.3 28.9

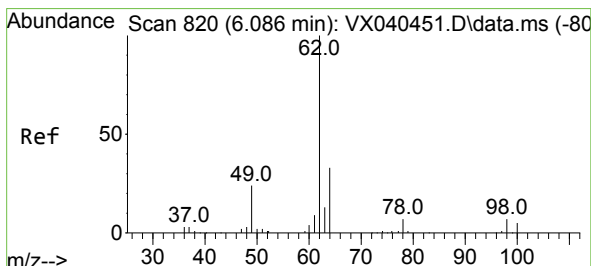
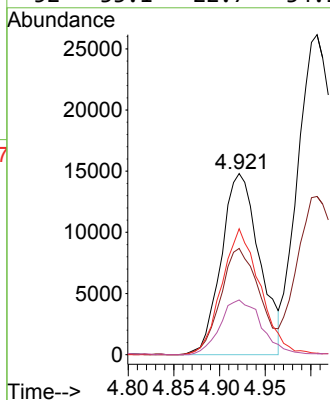
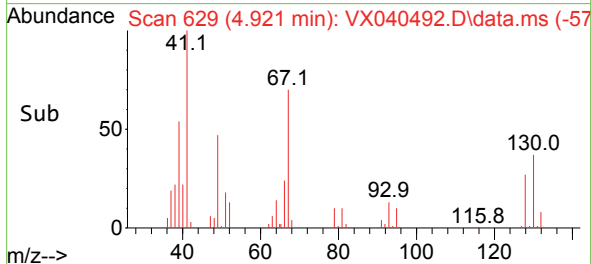
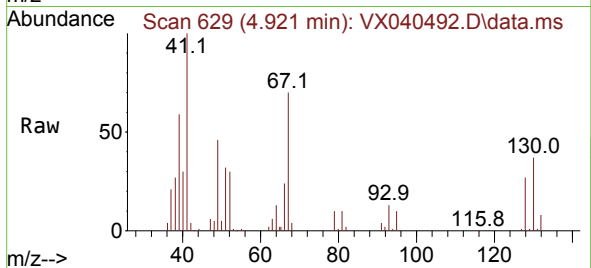




#41
Methacrylonitrile
Concen: 48.829 ug/l
RT: 4.921 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX040492.D
Acq: 27 Feb 2024 16:13

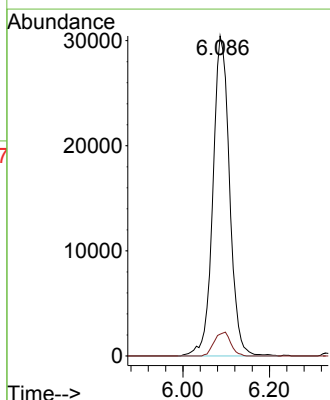
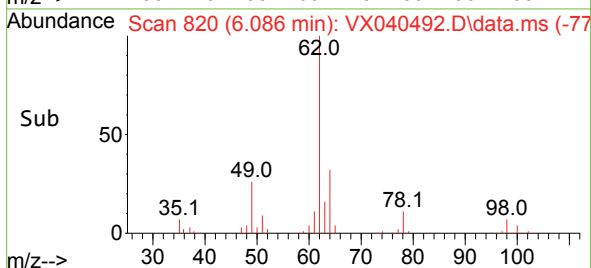
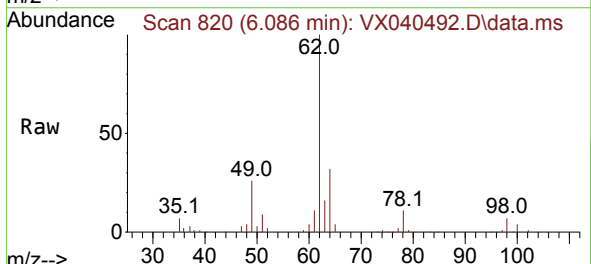
Instrument :
MSVOA_X
ClientSampleId :
TT161S1-20240221MS

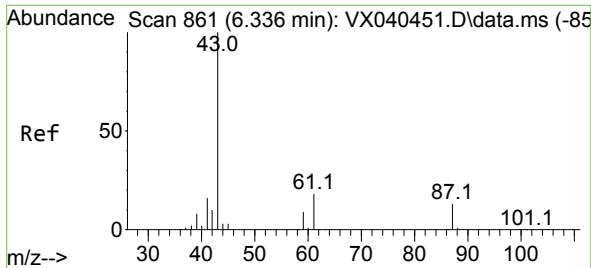
Tgt Ion: 41	Resp: 43016
Ion Ratio	Lower Upper
41 100	
39 60.3	45.2 67.8
67 70.2	52.6 78.8
52 33.1	22.7 34.1



#42
1,2-Dichloroethane
Concen: 50.484 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX040492.D
Acq: 27 Feb 2024 16:13

Tgt Ion: 62	Resp: 81522
Ion Ratio	Lower Upper
62 100	
98 7.4	0.0 16.0





#43

Isopropyl Acetate

Concen: 48.032 ug/l

RT: 6.342 min Scan# 861

Delta R.T. 0.006 min

Lab File: VX040492.D

Acq: 27 Feb 2024 16:13

Instrument :

MSVOA_X

ClientSampleId :

TT161S1-20240221MS

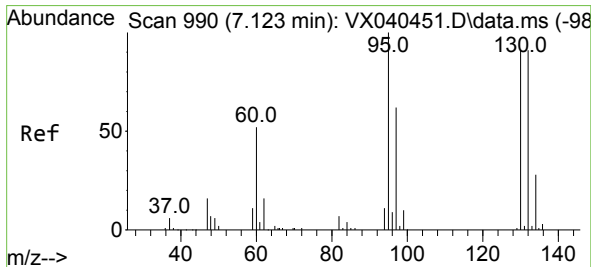
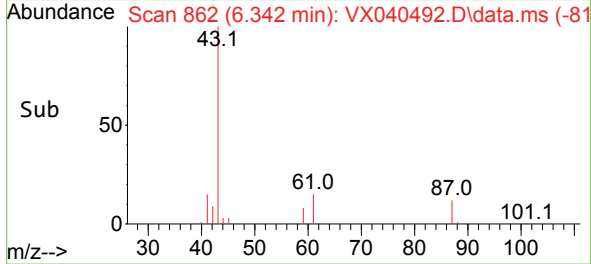
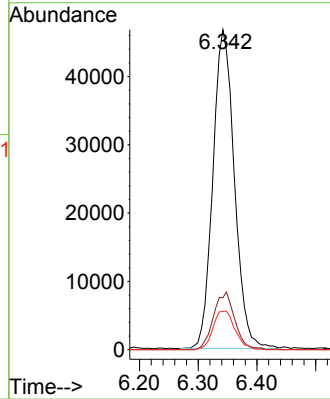
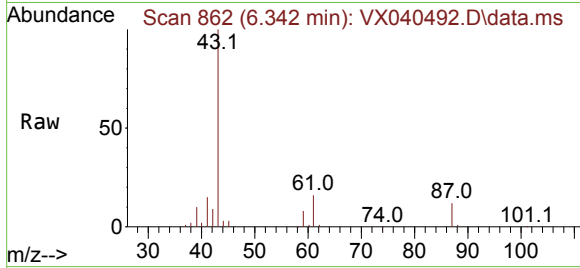
Tgt Ion: 43 Resp: 118863

Ion Ratio Lower Upper

43 100

61 17.9 15.2 22.8

87 12.4 9.8 14.6



#44

Trichloroethene

Concen: 47.125 ug/l

RT: 7.122 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX040492.D

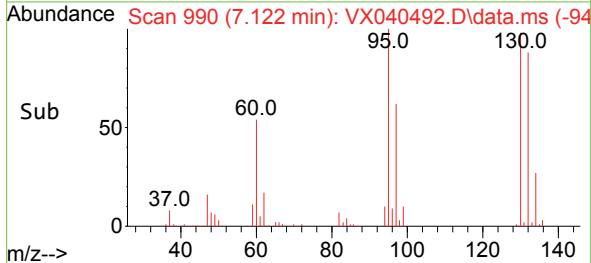
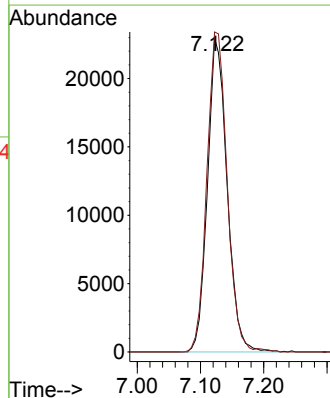
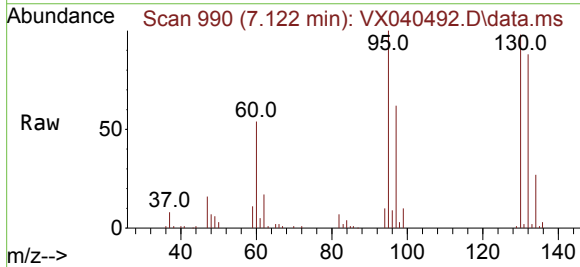
Acq: 27 Feb 2024 16:13

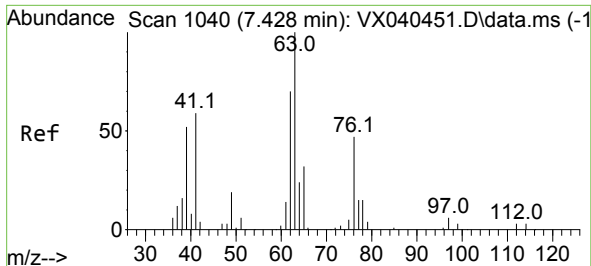
Tgt Ion:130 Resp: 49447

Ion Ratio Lower Upper

130 100

95 102.0 0.0 204.4

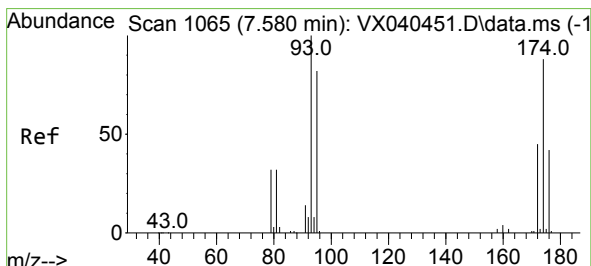
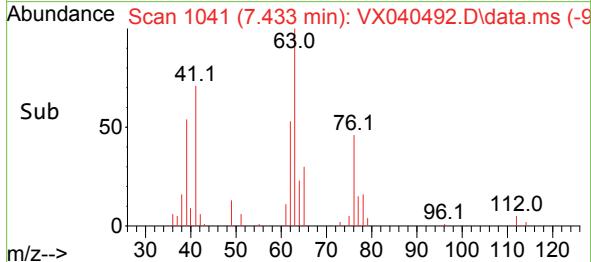
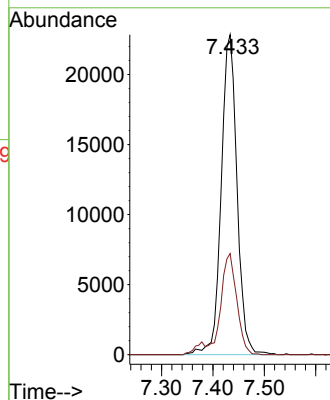
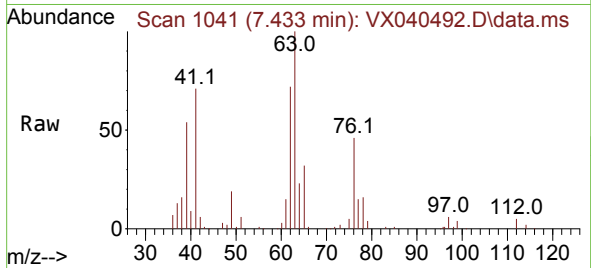




#45
1,2-Dichloropropane
Concen: 46.662 ug/l
RT: 7.433 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VX040492.D
Acq: 27 Feb 2024 16:13

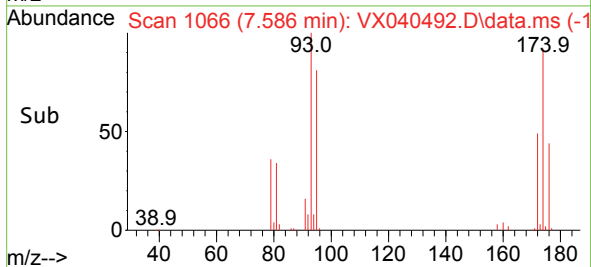
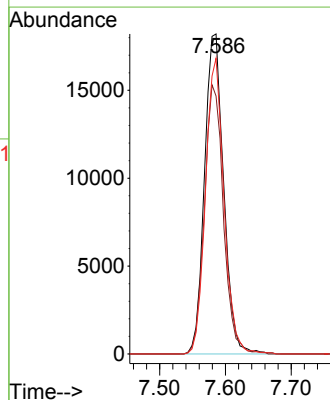
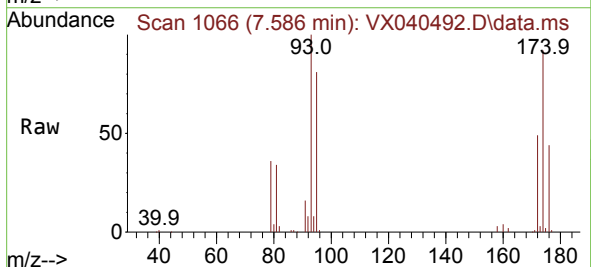
Instrument :
MSVOA_X
ClientSampleId :
TT161S1-20240221MS

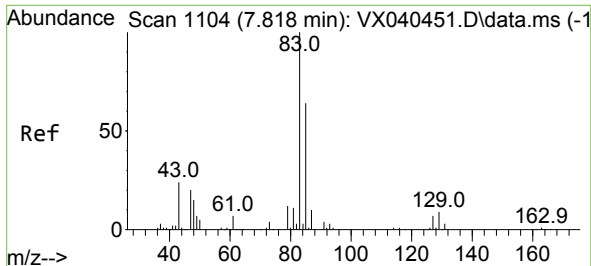
Tgt Ion: 63 Resp: 48723
Ion Ratio Lower Upper
63 100
65 31.6 24.3 36.5



#46
Dibromomethane
Concen: 48.075 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VX040492.D
Acq: 27 Feb 2024 16:13

Tgt Ion: 93 Resp: 36906
Ion Ratio Lower Upper
93 100
95 83.6 66.6 100.0
174 89.3 69.4 104.0

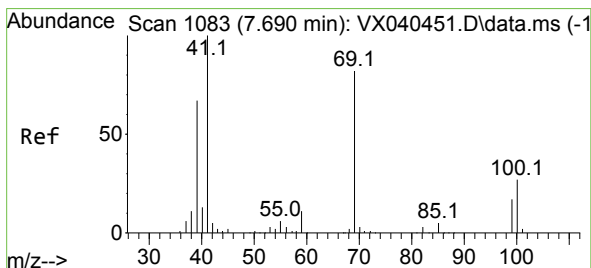
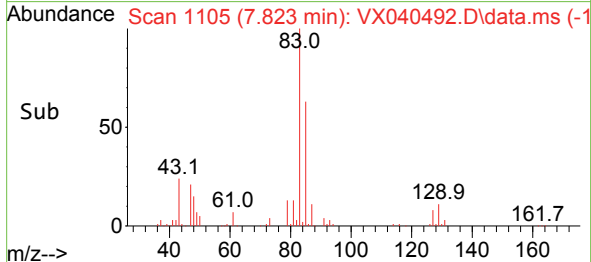
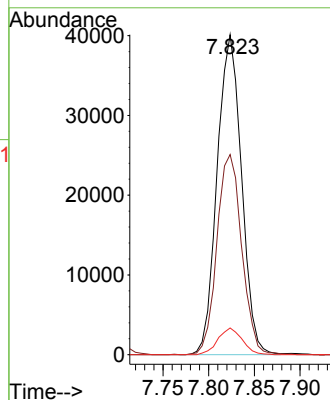
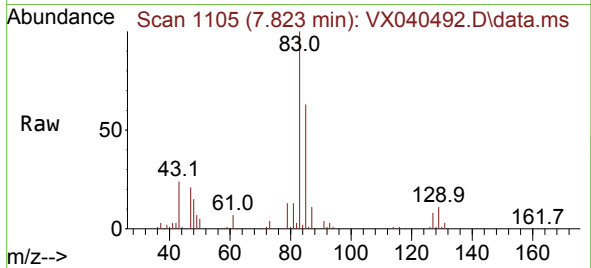




#47
Bromodichloromethane
Concen: 49.262 ug/l
RT: 7.823 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX040492.D
Acq: 27 Feb 2024 16:13

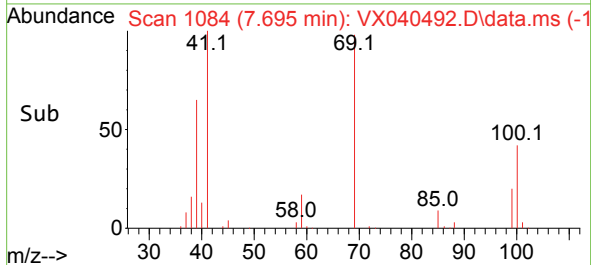
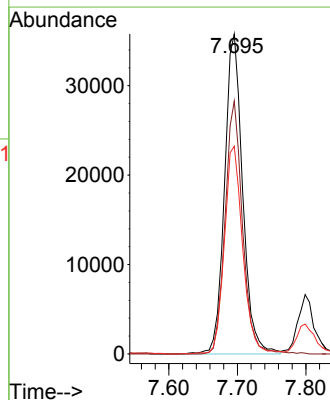
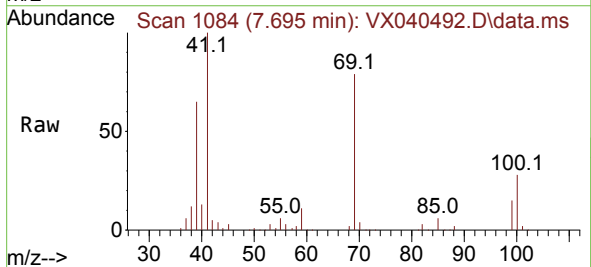
Instrument :
MSVOA_X
ClientSampleId :
TT161S1-20240221MS

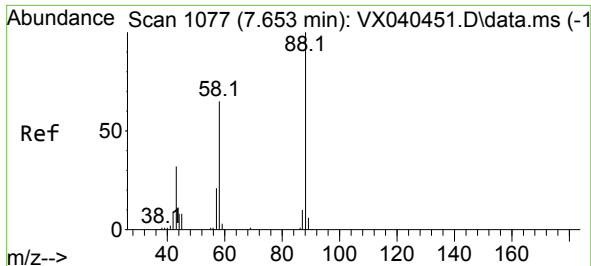
Tgt Ion: 83 Resp: 74460
Ion Ratio Lower Upper
83 100
85 62.5 49.8 74.6
127 8.3 7.1 10.7



#48
Methyl methacrylate
Concen: 52.935 ug/l
RT: 7.695 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX040492.D
Acq: 27 Feb 2024 16:13

Tgt Ion: 41 Resp: 65475
Ion Ratio Lower Upper
41 100
69 76.5 59.2 88.8
39 66.1 47.7 71.5

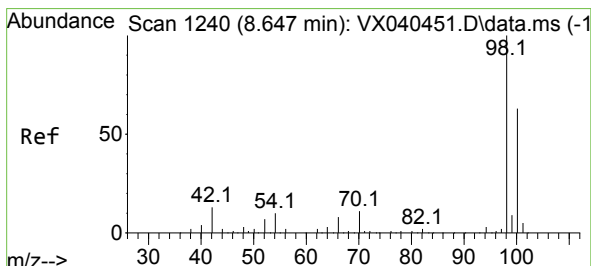
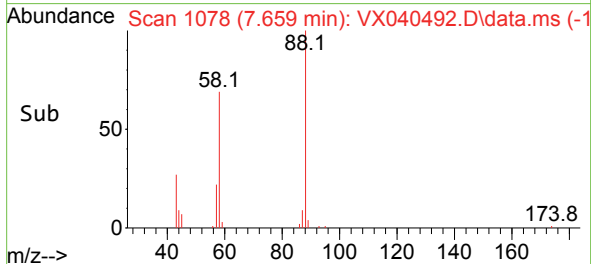
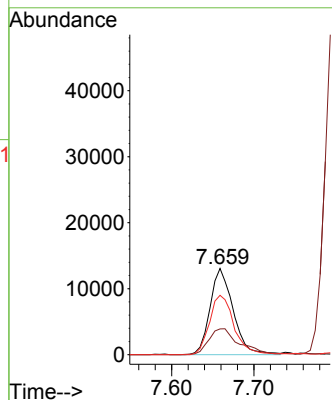
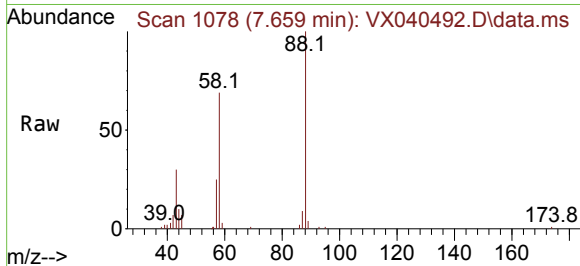




#49
1,4-Dioxane
Concen: 1087.994 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VX040492.D
Acq: 27 Feb 2024 16:13

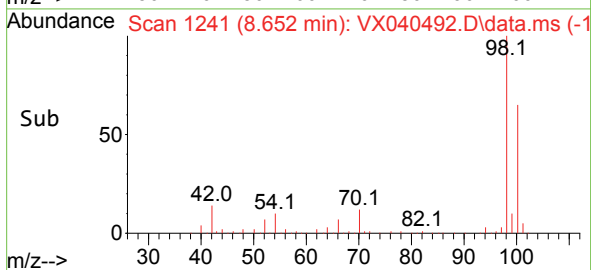
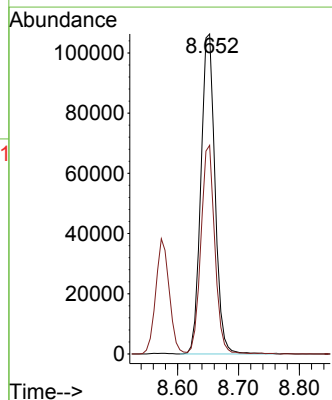
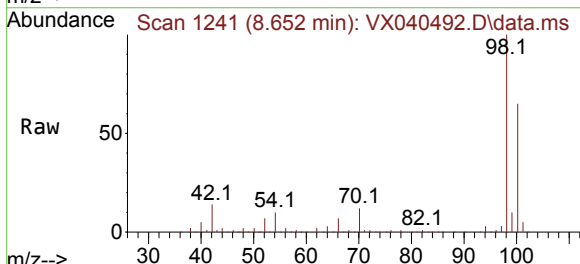
Instrument :
MSVOA_X
ClientSampleId :
TT161S1-20240221MS

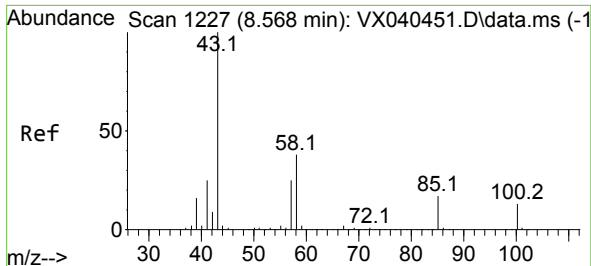
Tgt Ion: 88 Resp: 25457
Ion Ratio Lower Upper
88 100
43 39.8 0.0 0.0#
58 73.8 60.1 90.1



#50
Toluene-d8
Concen: 50.569 ug/l
RT: 8.652 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX040492.D
Acq: 27 Feb 2024 16:13

Tgt Ion: 98 Resp: 171689
Ion Ratio Lower Upper
98 100
100 63.5 53.1 79.7

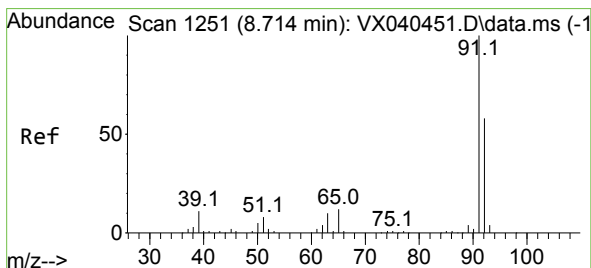
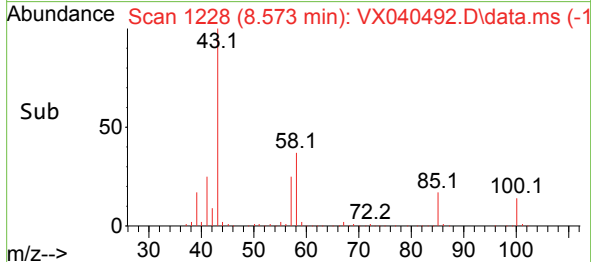
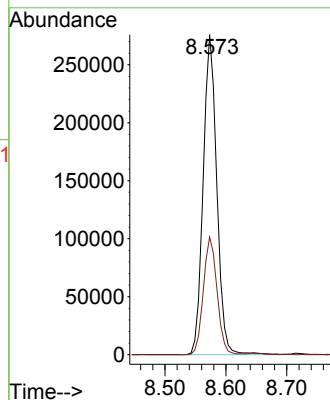
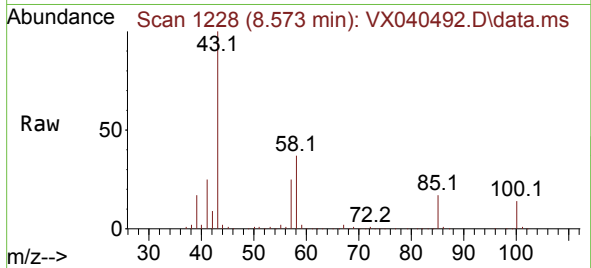




#51
4-Methyl-2-Pentanone
Concen: 262.061 ug/l
RT: 8.573 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX040492.D
Acq: 27 Feb 2024 16:13

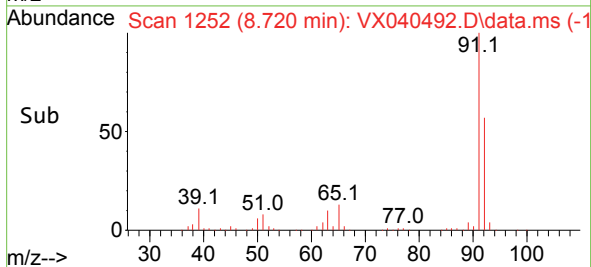
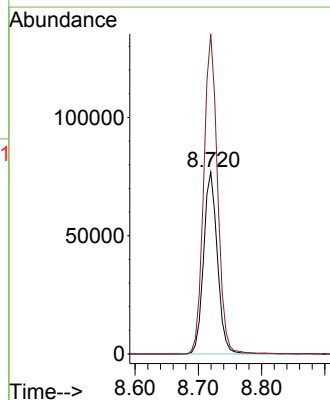
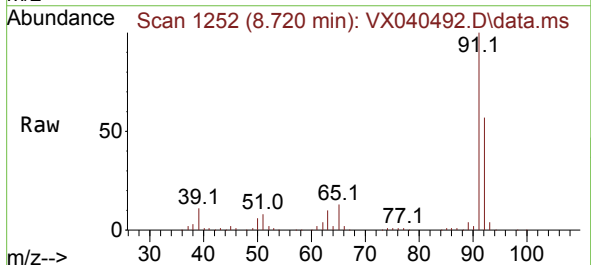
Instrument :
MSVOA_X
ClientSampleId :
TT161S1-20240221MS

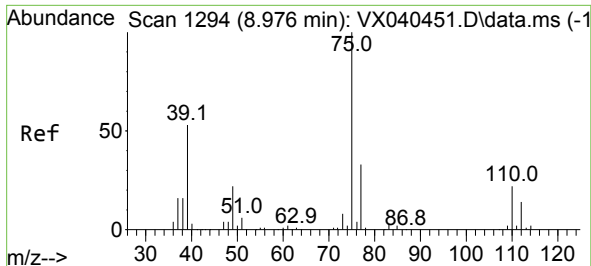
Tgt Ion: 43 Resp: 428774
Ion Ratio Lower Upper
43 100
58 36.9 30.4 45.6



#52
Toluene
Concen: 48.845 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX040492.D
Acq: 27 Feb 2024 16:13

Tgt Ion: 92 Resp: 116956
Ion Ratio Lower Upper
92 100
91 176.5 134.2 201.2

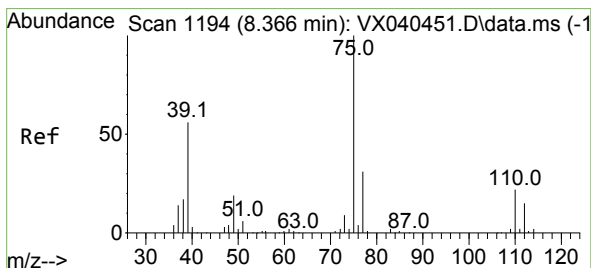
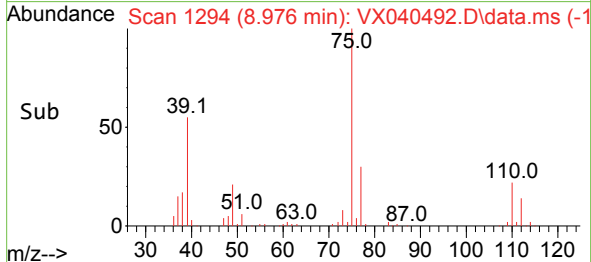
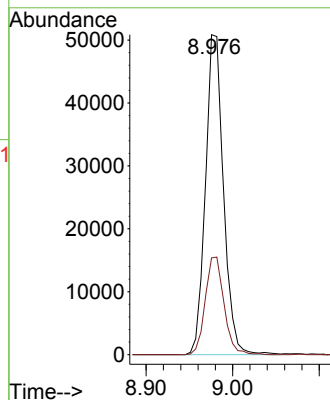
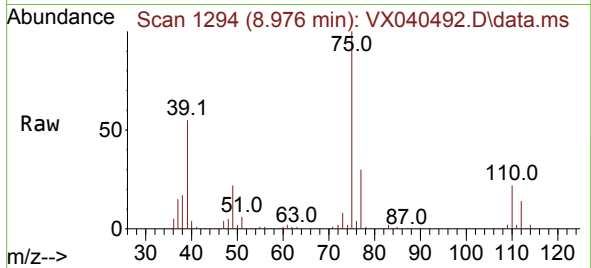




#53
 t-1,3-Dichloropropene
 Concen: 48.017 ug/l
 RT: 8.976 min Scan# 1194
 Delta R.T. -0.000 min
 Lab File: VX040492.D
 Acq: 27 Feb 2024 16:13

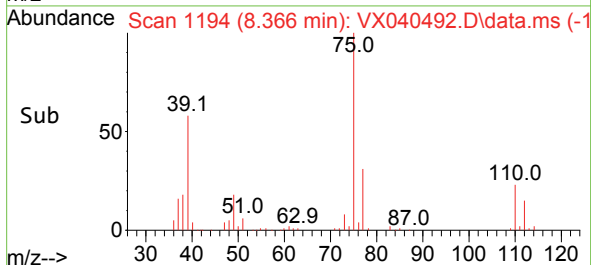
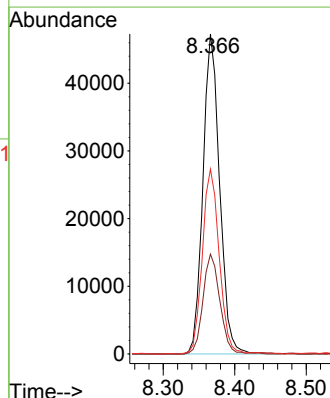
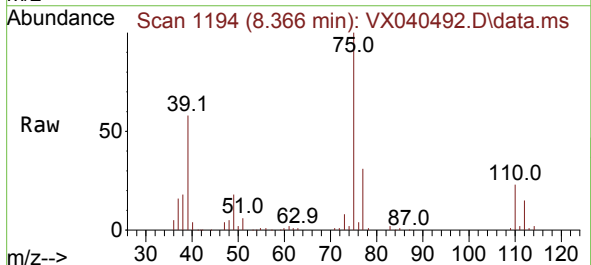
Instrument :
 MSVOA_X
 ClientSampleId :
 TT161S1-20240221MS

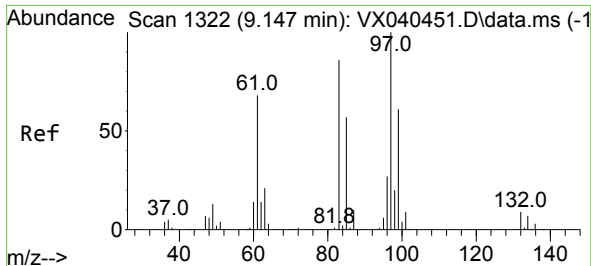
Tgt Ion: 75 Resp: 73656
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 46.488 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. -0.000 min
 Lab File: VX040492.D
 Acq: 27 Feb 2024 16:13

Tgt Ion: 75 Resp: 76651
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.3 37.9
 39 57.7 46.7 70.1





#55

1,1,2-Trichloroethane

Concen: 50.500 ug/l

RT: 9.152 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX040492.D

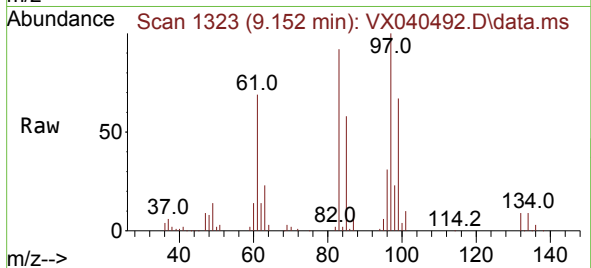
Acq: 27 Feb 2024 16:13

Instrument :

MSVOA_X

ClientSampleId :

TT161S1-20240221MS



Tgt Ion: 97 Resp: 50181

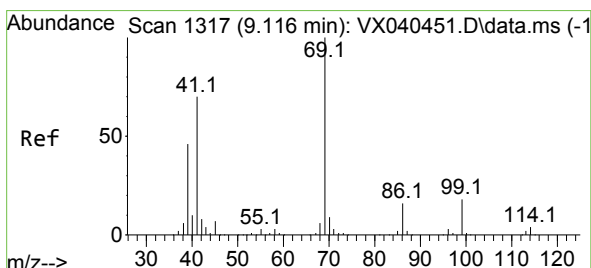
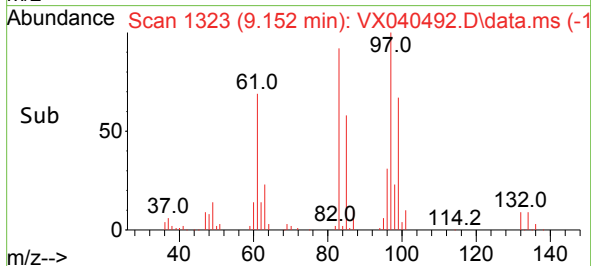
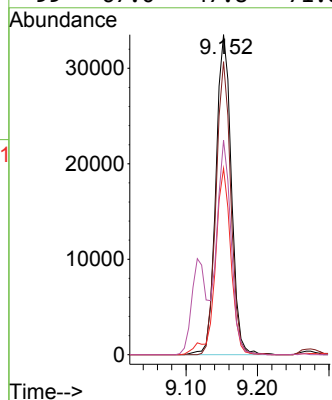
Ion	Ratio	Lower	Upper
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97	100		
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83	91.5	65.8	98.8
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85	58.2	41.6	62.4
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99	67.0	47.8	71.8
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#56

Ethyl methacrylate

Concen: 50.893 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VX040492.D

Acq: 27 Feb 2024 16:13

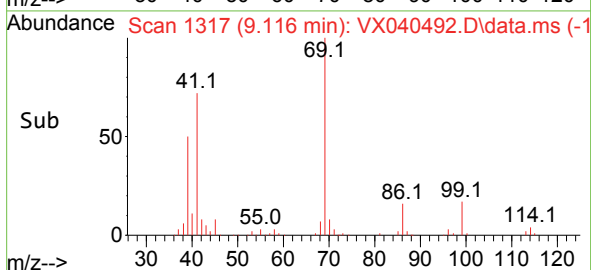
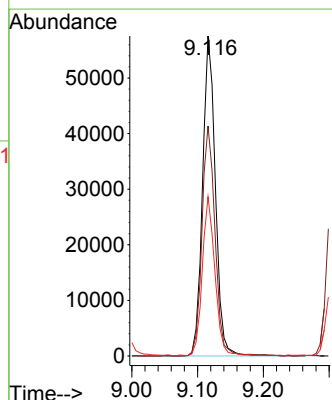
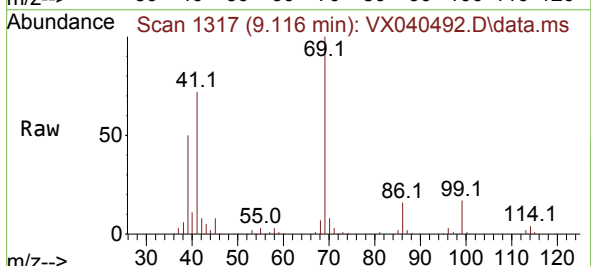
Tgt Ion: 69 Resp: 78191

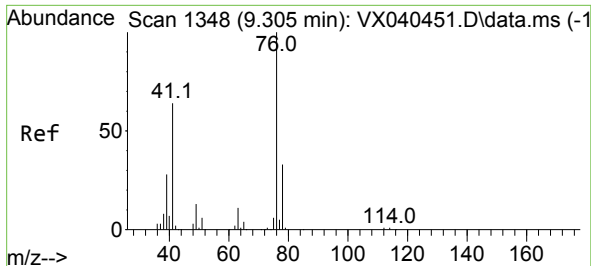
Ion	Ratio	Lower	Upper
-----	-------	-------	-------

69	100		
----	-----	--	--

41	73.0	56.8	85.2
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39	48.8	32.0	48.0#
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#57

1,3-Dichloropropane

Concen: 49.103 ug/l

RT: 9.311 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX040492.D

Acq: 27 Feb 2024 16:13

Instrument :

MSVOA_X

ClientSampleId :

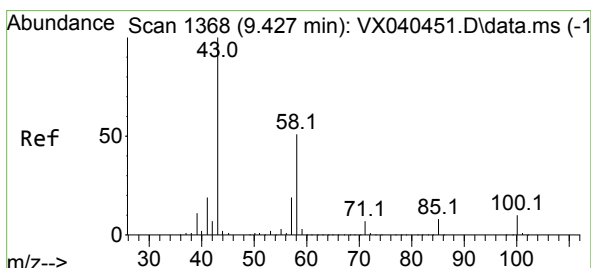
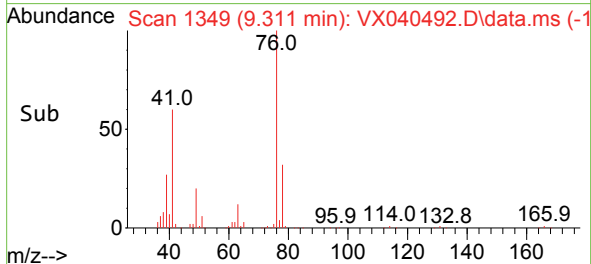
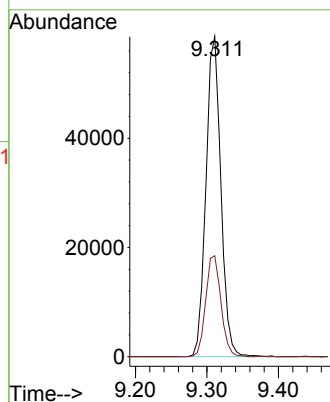
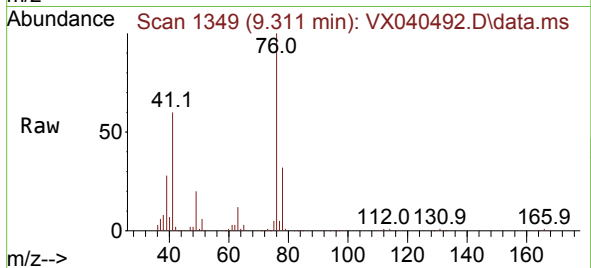
TT161S1-20240221MS

Tgt Ion: 76 Resp: 84986

Ion Ratio Lower Upper

76 100

78 32.2 26.1 39.1



#59

2-Hexanone

Concen: 268.529 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX040492.D

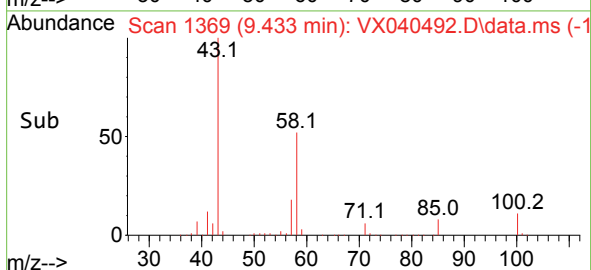
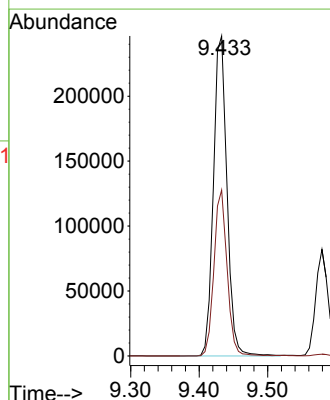
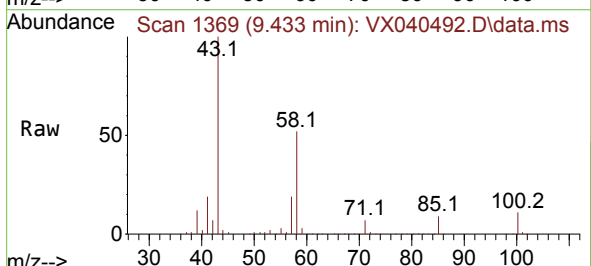
Acq: 27 Feb 2024 16:13

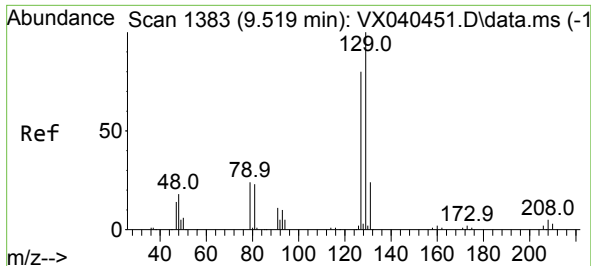
Tgt Ion: 43 Resp: 337795

Ion Ratio Lower Upper

43 100

58 50.3 26.2 78.5

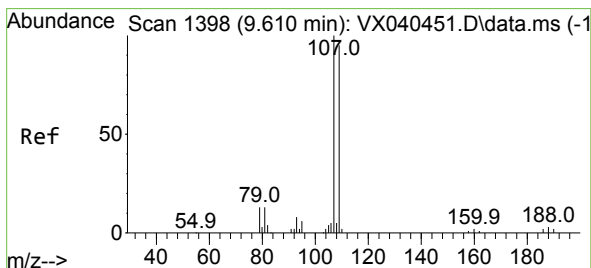
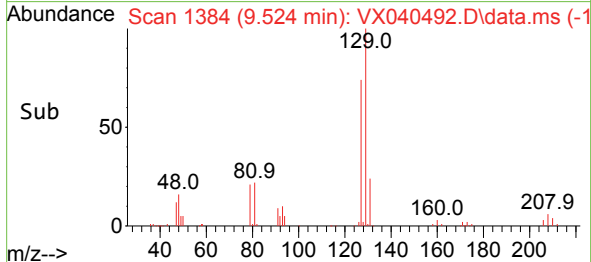
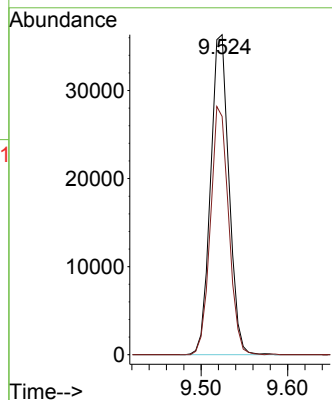
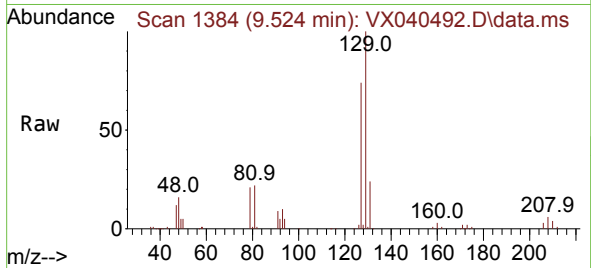




#60
Dibromochloromethane
Concen: 49.693 ug/l
RT: 9.524 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX040492.D
Acq: 27 Feb 2024 16:13

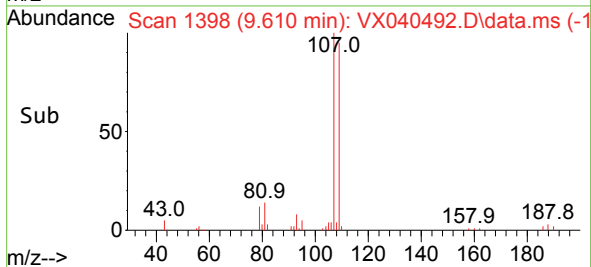
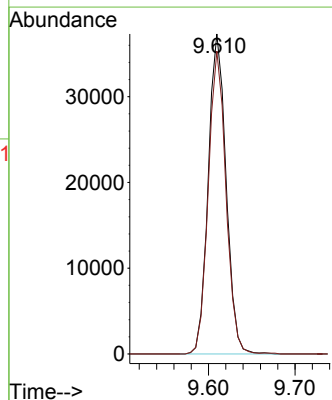
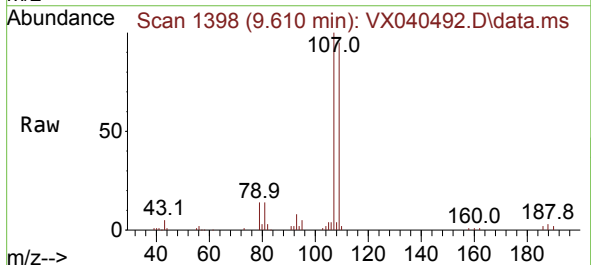
Instrument :
MSVOA_X
ClientSampleId :
TT161S1-20240221MS

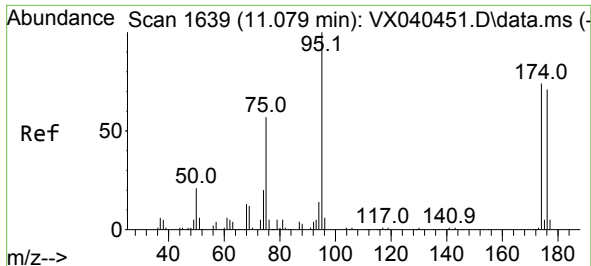
Tgt Ion:129 Resp: 53634
Ion Ratio Lower Upper
129 100
127 76.5 38.8 116.4



#61
1,2-Dibromoethane
Concen: 49.241 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX040492.D
Acq: 27 Feb 2024 16:13

Tgt Ion:107 Resp: 53393
Ion Ratio Lower Upper
107 100
109 93.5 75.2 112.8

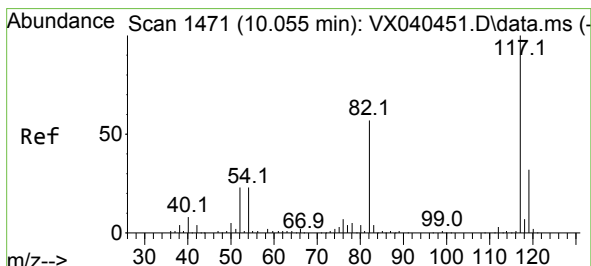
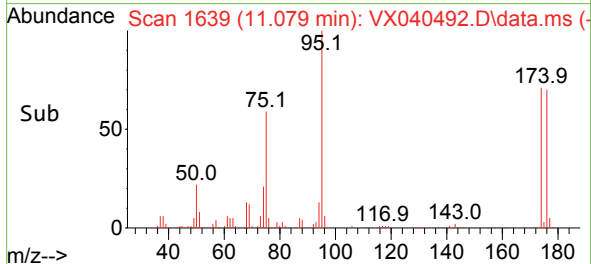
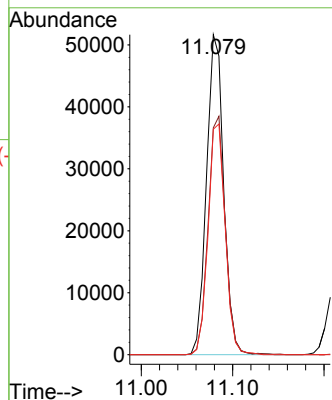
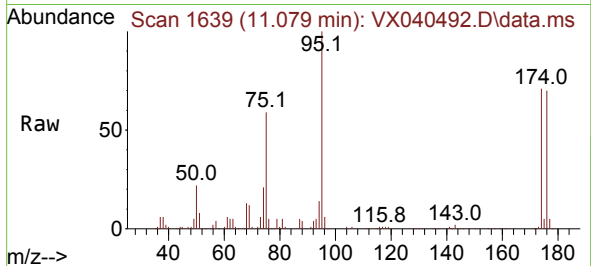




#62
4-Bromofluorobenzene
Concen: 51.842 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040492.D
Acq: 27 Feb 2024 16:13

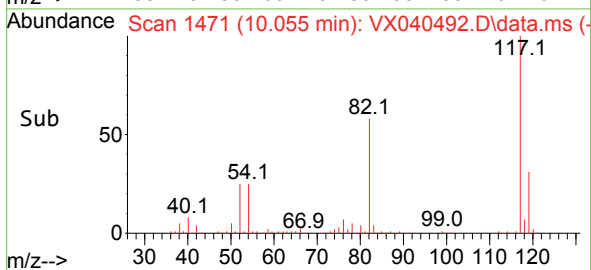
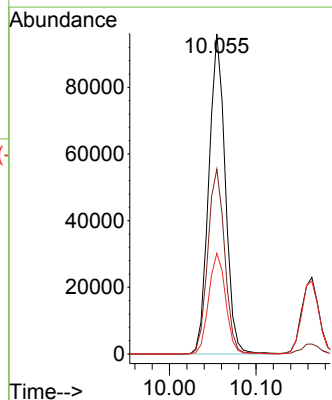
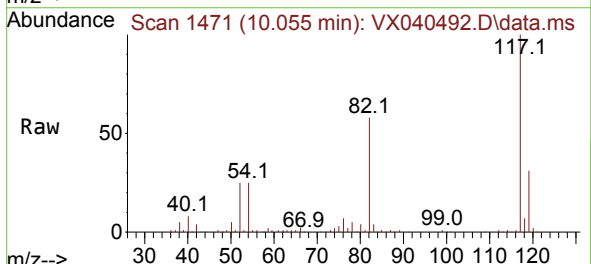
Instrument :
MSVOA_X
ClientSampleId :
TT161S1-20240221MS

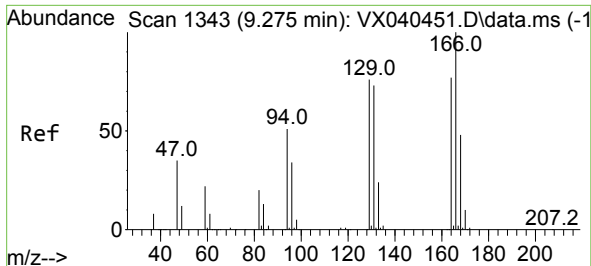
Tgt Ion: 95 Resp: 67094
Ion Ratio Lower Upper
95 100
174 74.9 0.0 135.6
176 72.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040492.D
Acq: 27 Feb 2024 16:13

Tgt Ion: 117 Resp: 126465
Ion Ratio Lower Upper
117 100
82 57.7 46.2 69.4
119 31.5 25.5 38.3



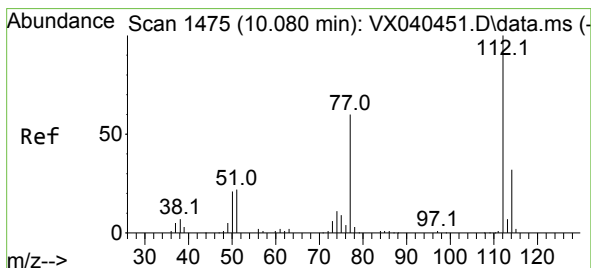
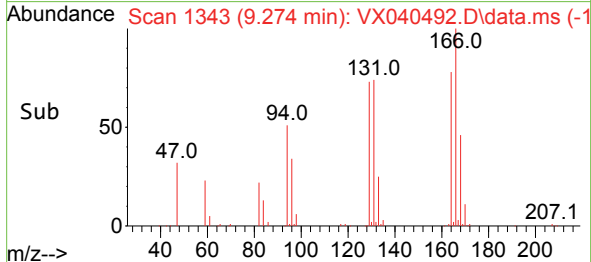
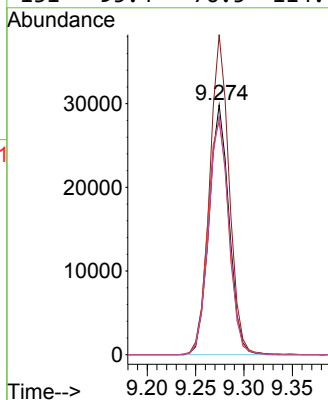
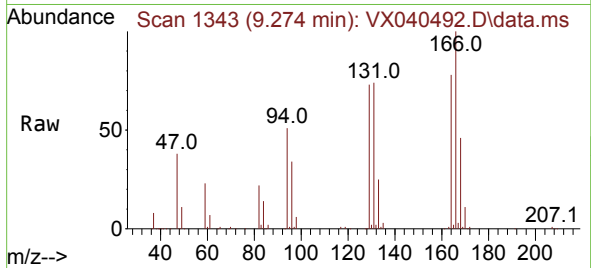


#64
Tetrachloroethene
Concen: 48.123 ug/l
RT: 9.274 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040492.D
Acq: 27 Feb 2024 16:13

Instrument :
MSVOA_X
ClientSampleId :
TT161S1-20240221MS

Tgt Ion:164 Resp: 42726

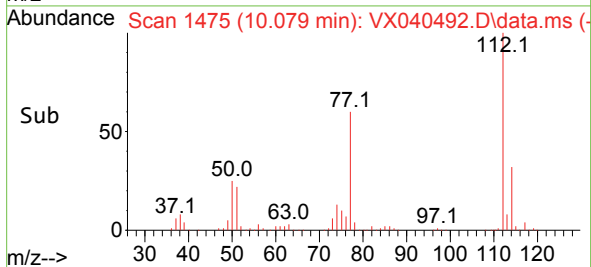
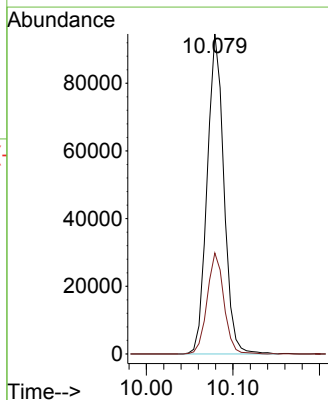
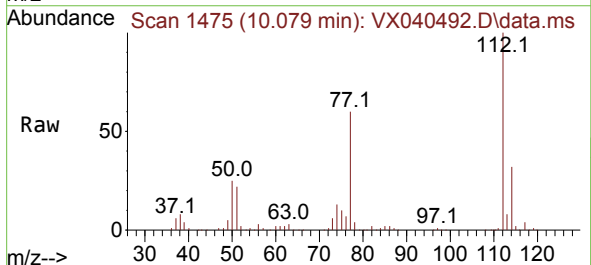
Ion	Ratio	Lower	Upper
164	100		
166	128.1	102.7	154.1
129	93.2	80.4	120.6
131	95.4	76.5	114.7

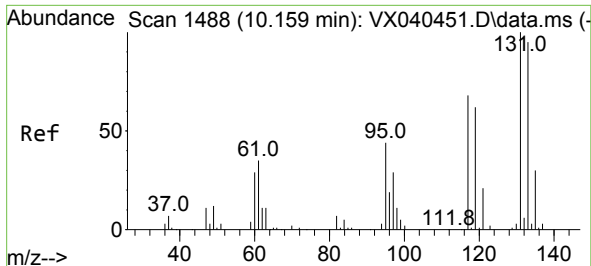


#65
Chlorobenzene
Concen: 47.169 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX040492.D
Acq: 27 Feb 2024 16:13

Tgt Ion:112 Resp: 126881

Ion	Ratio	Lower	Upper
112	100		
114	31.6	25.7	38.5

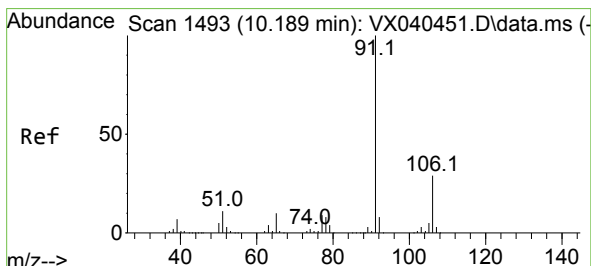
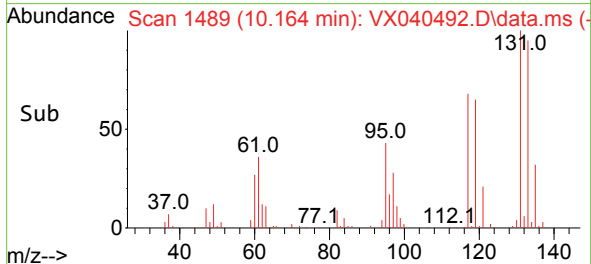
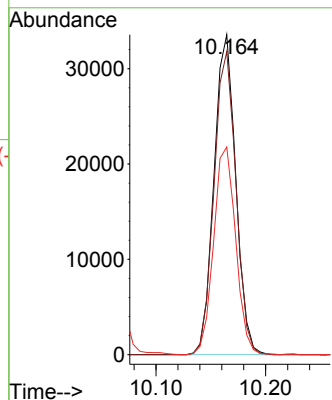
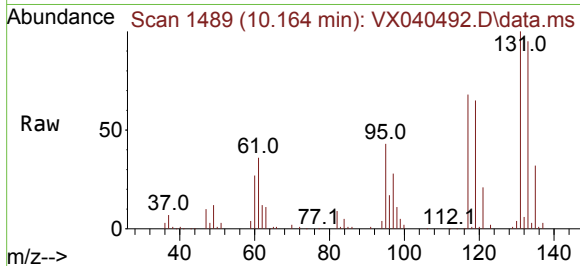




#66
1,1,1,2-Tetrachloroethane
Concen: 48.769 ug/l
RT: 10.164 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX040492.D
Acq: 27 Feb 2024 16:13

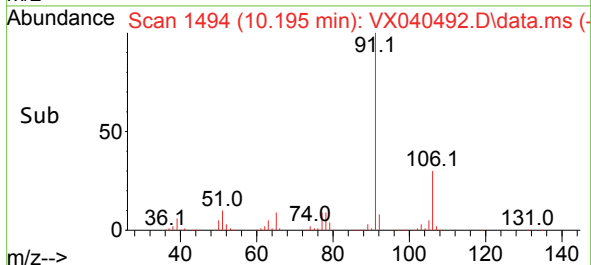
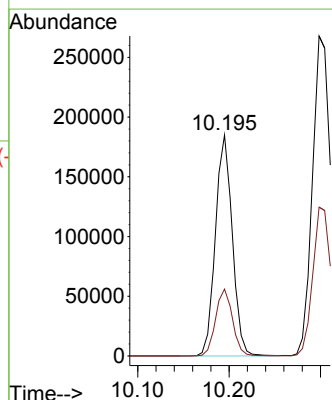
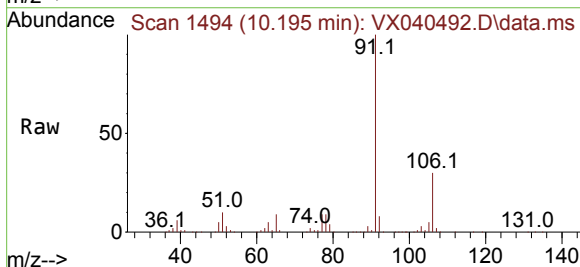
Instrument :
MSVOA_X
ClientSampleId :
TT161S1-20240221MS

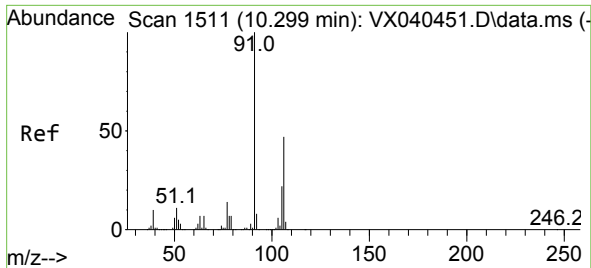
Tgt Ion:131 Resp: 46232
Ion Ratio Lower Upper
131 100
133 95.7 47.1 141.4
119 66.1 32.2 96.6



#67
Ethyl Benzene
Concen: 48.237 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX040492.D
Acq: 27 Feb 2024 16:13

Tgt Ion: 91 Resp: 237520
Ion Ratio Lower Upper
91 100
106 30.3 24.9 37.3

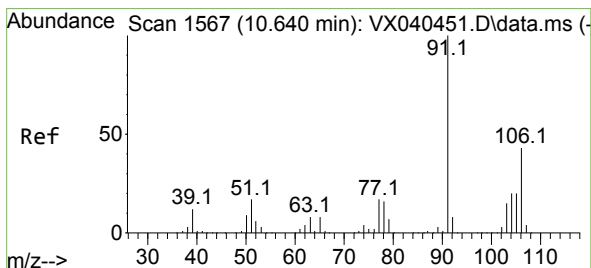
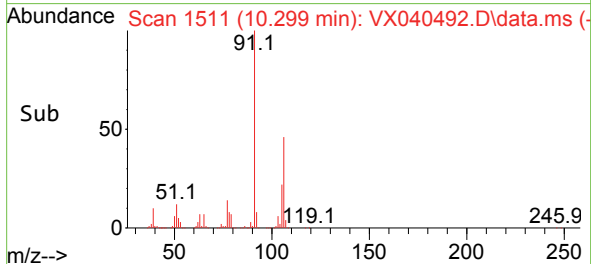
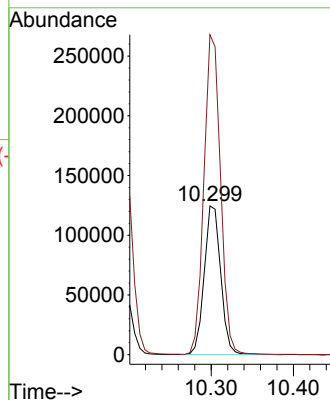
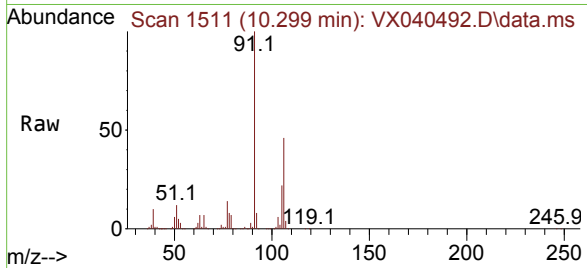




#68
m/p-Xylenes
Concen: 94.308 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX040492.D
Acq: 27 Feb 2024 16:13

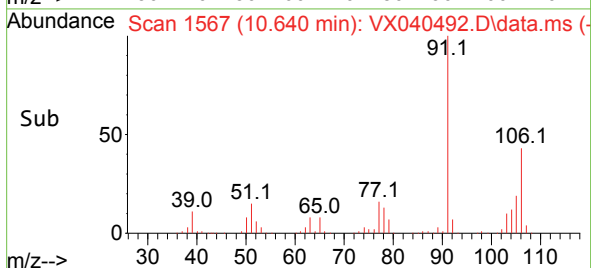
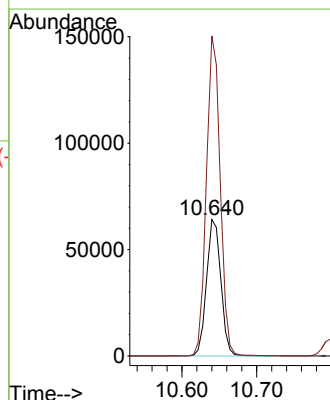
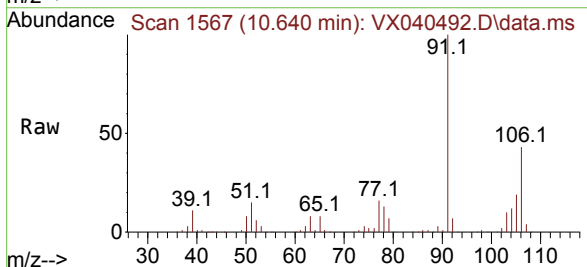
Instrument :
MSVOA_X
ClientSampleId :
TT161S1-20240221MS

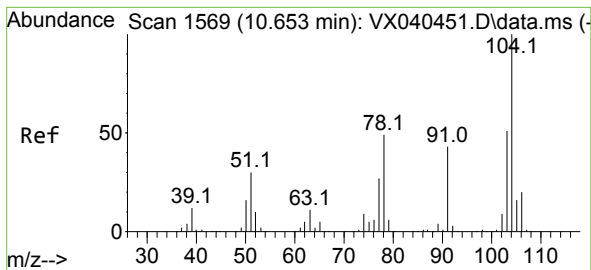
Tgt Ion:106 Resp: 173407
Ion Ratio Lower Upper
106 100
91 217.3 165.5 248.3



#69
o-Xylene
Concen: 48.533 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX040492.D
Acq: 27 Feb 2024 16:13

Tgt Ion:106 Resp: 85350
Ion Ratio Lower Upper
106 100
91 226.5 108.9 326.8





#70

Styrene

Concen: 48.760 ug/l

RT: 10.658 min Scan# 1569

Delta R.T. 0.006 min

Lab File: VX040492.D

Acq: 27 Feb 2024 16:13

Instrument :

MSVOA_X

ClientSampleId :

TT161S1-20240221MS

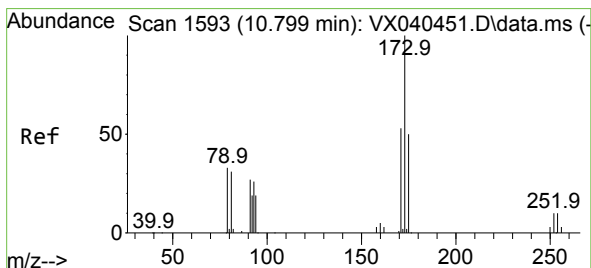
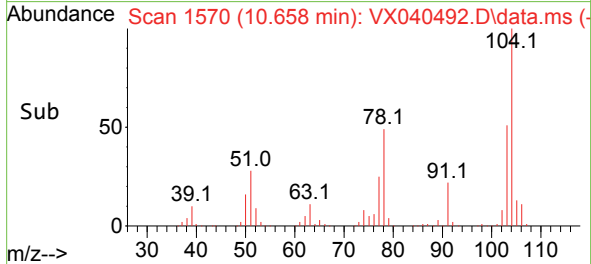
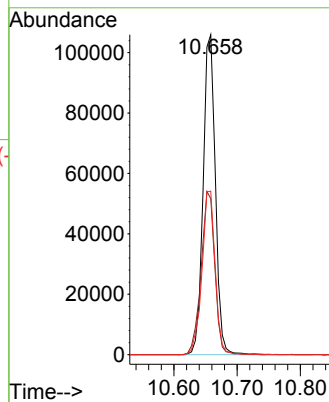
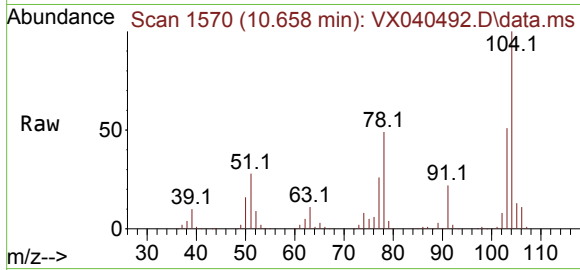
Tgt Ion:104 Resp: 142950

Ion Ratio Lower Upper

104 100

78 56.9 43.6 65.4

103 55.4 43.6 65.4



#71

Bromoform

Concen: 50.504 ug/l

RT: 10.798 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX040492.D

Acq: 27 Feb 2024 16:13

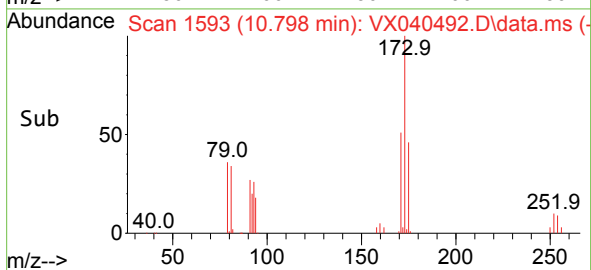
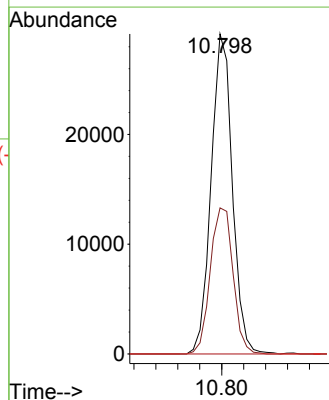
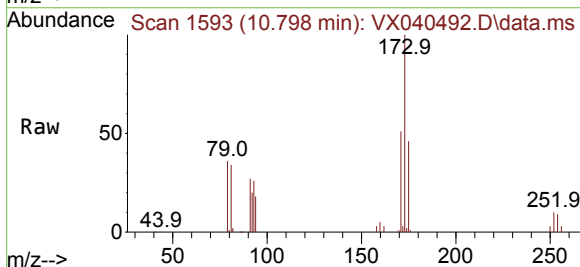
Tgt Ion:173 Resp: 39191

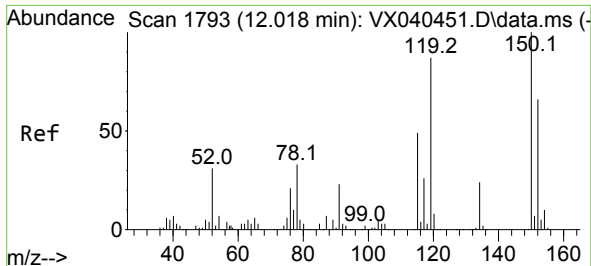
Ion Ratio Lower Upper

173 100

175 49.0 24.1 72.4

254 0.0 0.0 0.0

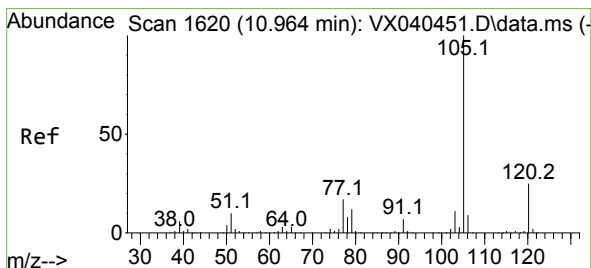
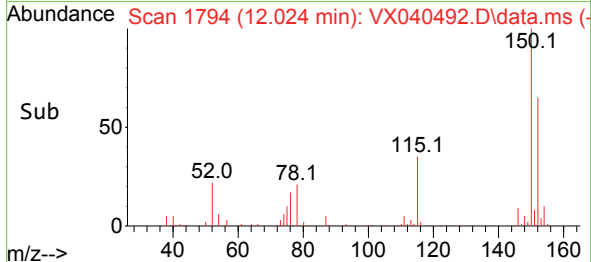
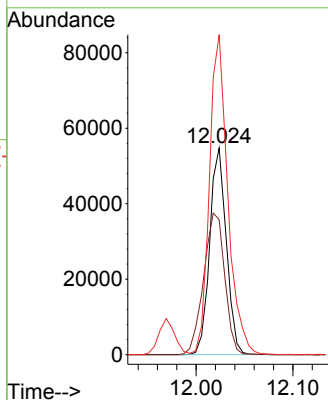
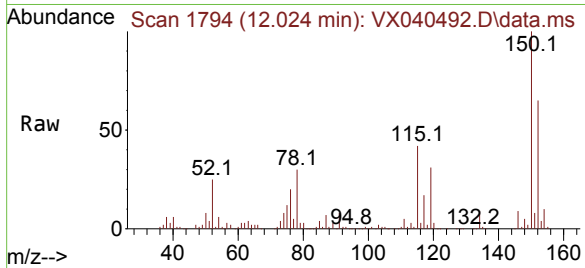




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1793
Delta R.T. 0.006 min
Lab File: VX040492.D
Acq: 27 Feb 2024 16:13

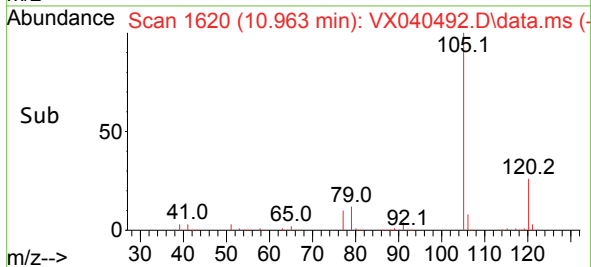
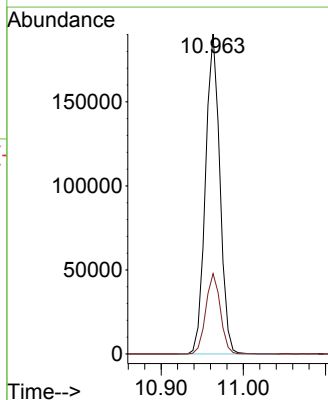
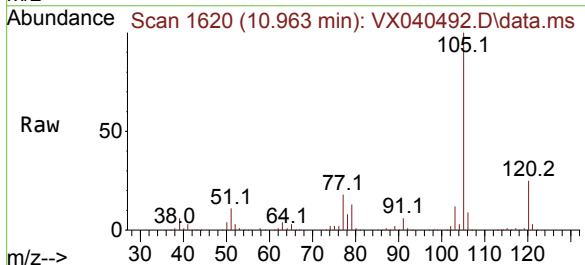
Instrument :
MSVOA_X
ClientSampleId :
TT161S1-20240221MS

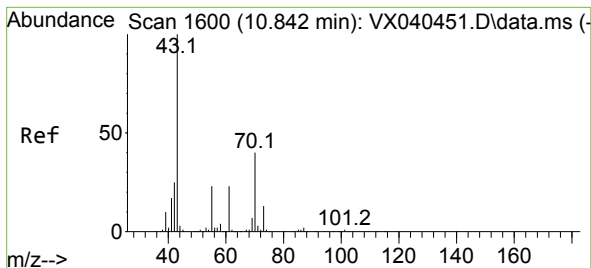
Tgt Ion:152 Resp: 65504
Ion Ratio Lower Upper
152 100
115 87.0 43.3 129.9
150 171.2 0.0 345.0



#73
Isopropylbenzene
Concen: 47.835 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX040492.D
Acq: 27 Feb 2024 16:13

Tgt Ion:105 Resp: 230761
Ion Ratio Lower Upper
105 100
120 25.4 12.9 38.6





#74

N-amy1 acetate

Concen: 46.679 ug/l

RT: 10.841 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX040492.D

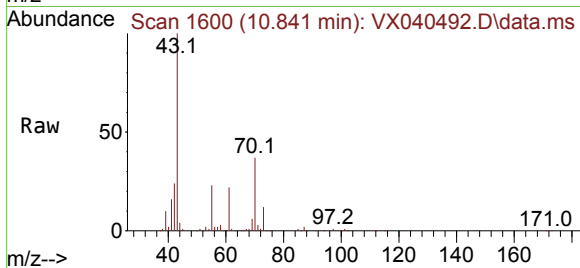
Acq: 27 Feb 2024 16:13

Instrument :

MSVOA_X

ClientSampleId :

TT161S1-20240221MS



Tgt Ion: 43 Resp: 104584

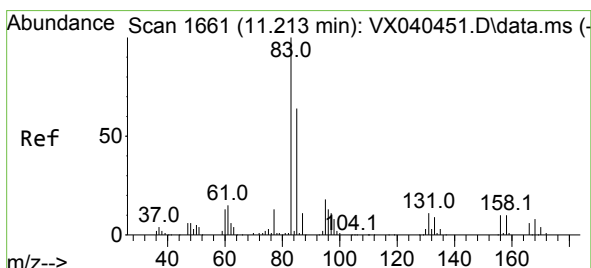
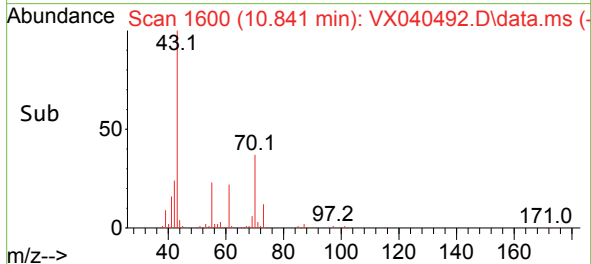
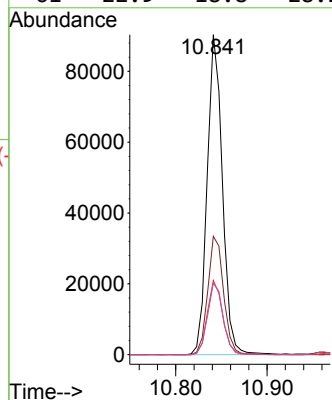
Ion Ratio Lower Upper

43 100

70 38.6 32.9 49.3

55 23.5 19.3 28.9

61 22.9 18.8 28.2



#75

1,1,2,2-Tetrachloroethane

Concen: 47.456 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. -0.000 min

Lab File: VX040492.D

Acq: 27 Feb 2024 16:13

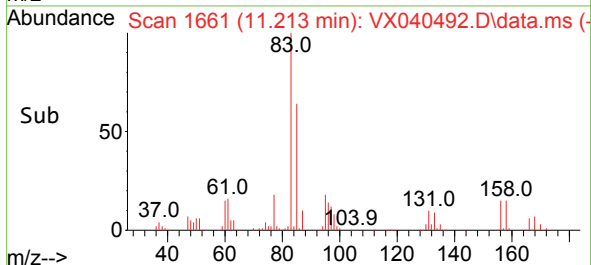
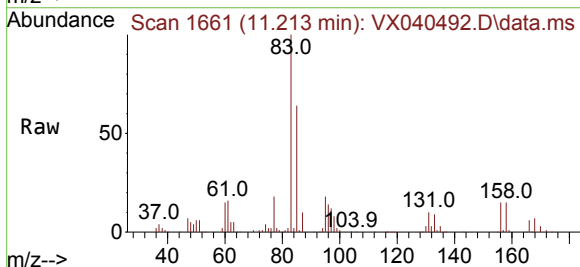
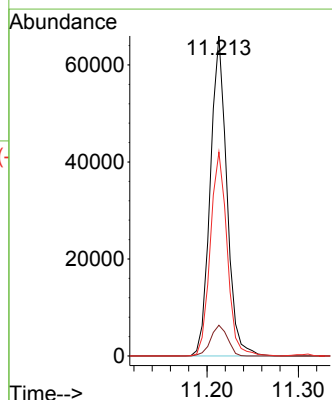
Tgt Ion: 83 Resp: 82793

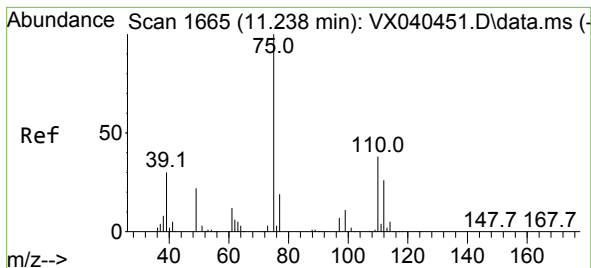
Ion Ratio Lower Upper

83 100

131 9.8 5.3 15.8

85 64.6 32.0 96.2





#76

1,2,3-Trichloropropane

Concen: 62.503 ug/l

RT: 11.237 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX040492.D

Acq: 27 Feb 2024 16:13

Instrument :

MSVOA_X

ClientSampleId :

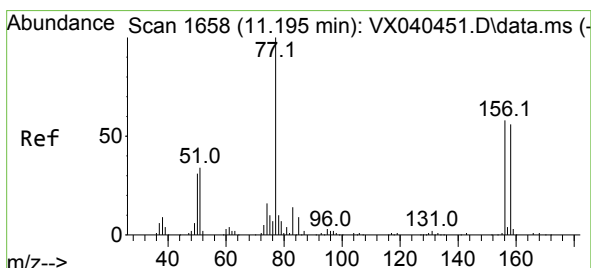
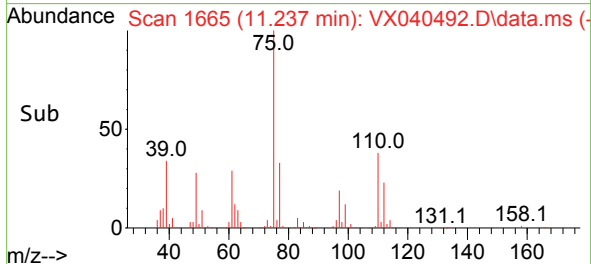
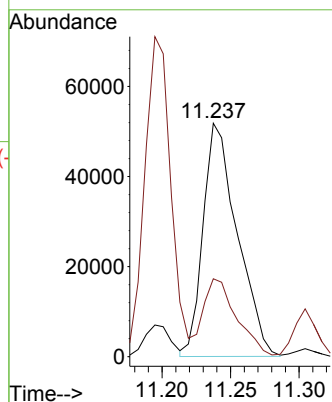
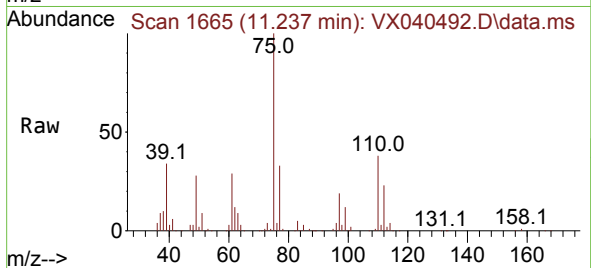
TT161S1-20240221MS

Tgt Ion: 75 Resp: 90106

Ion Ratio Lower Upper

75 100

77 32.9 19.1 57.5



#77

Bromobenzene

Concen: 47.668 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX040492.D

Acq: 27 Feb 2024 16:13

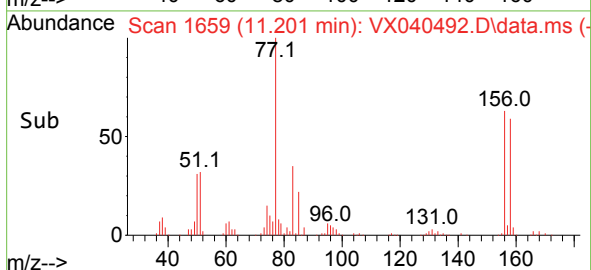
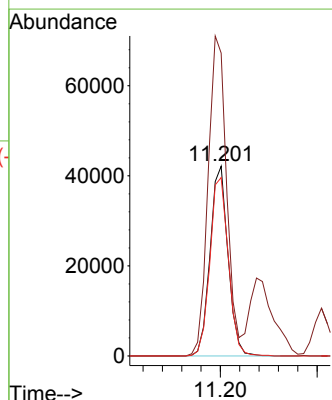
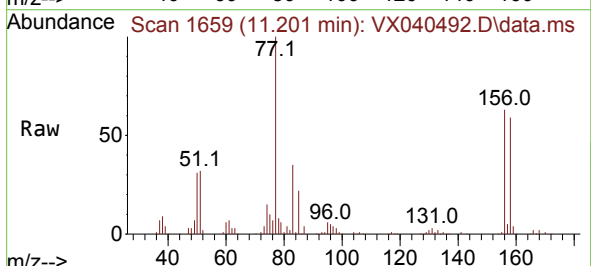
Tgt Ion:156 Resp: 54373

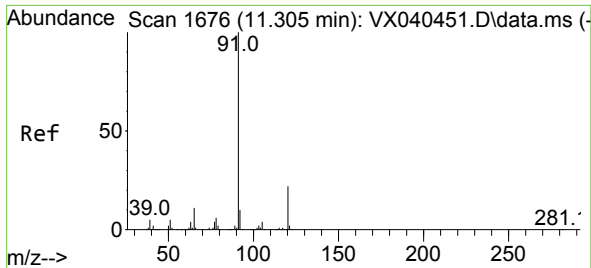
Ion Ratio Lower Upper

156 100

77 173.0 88.4 265.3

158 96.9 48.0 144.0

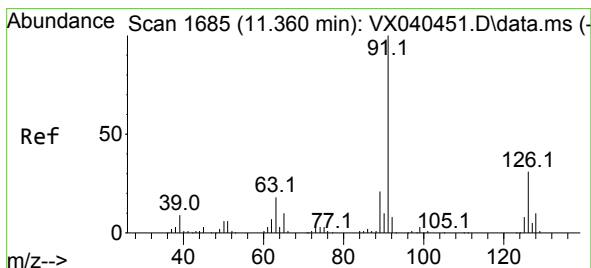
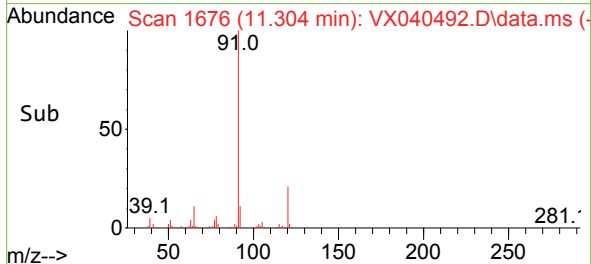
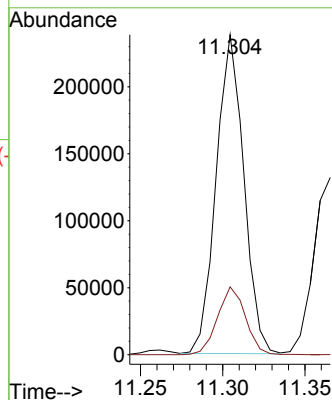
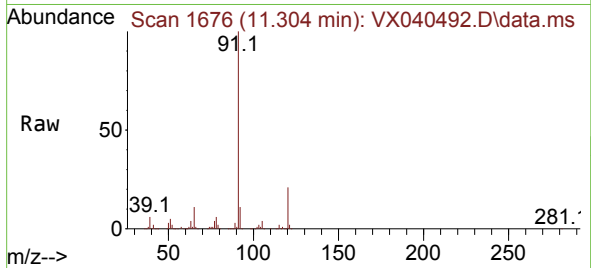




#78
n-propylbenzene
Concen: 46.511 ug/l
RT: 11.304 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX040492.D
Acq: 27 Feb 2024 16:13

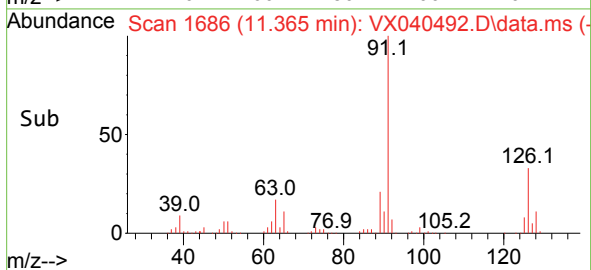
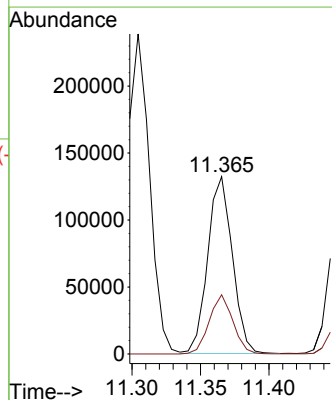
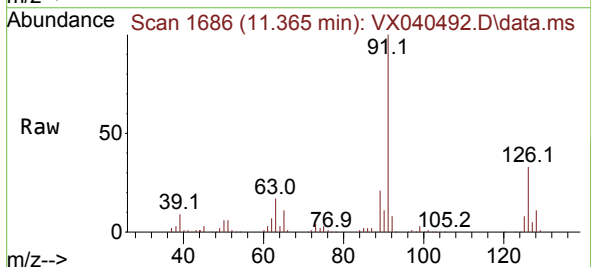
Instrument :
MSVOA_X
ClientSampleId :
TT161S1-20240221MS

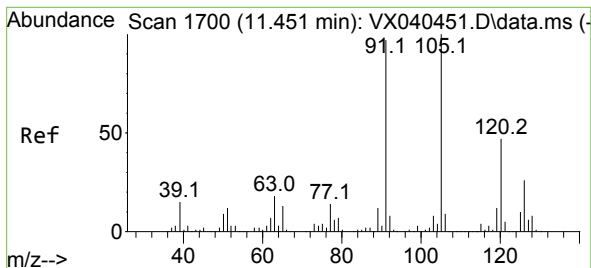
Tgt Ion: 91 Resp: 278310
Ion Ratio Lower Upper
91 100
120 21.5 11.5 34.4



#79
2-Chlorotoluene
Concen: 45.870 ug/l
RT: 11.365 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VX040492.D
Acq: 27 Feb 2024 16:13

Tgt Ion: 91 Resp: 165230
Ion Ratio Lower Upper
91 100
126 32.2 16.3 48.8





#80

1,3,5-Trimethylbenzene

Concen: 47.665 ug/l

RT: 11.451 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX040492.D

Acq: 27 Feb 2024 16:13

Instrument :

MSVOA_X

ClientSampleId :

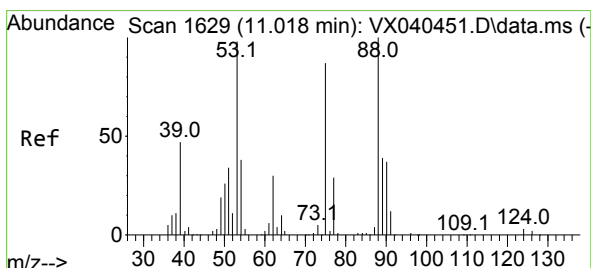
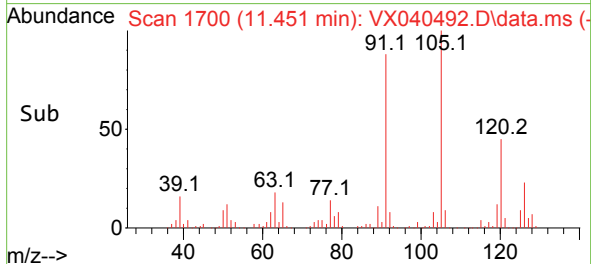
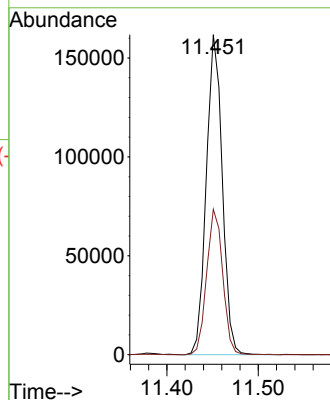
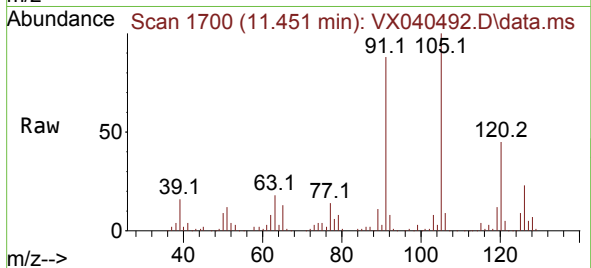
TT161S1-20240221MS

Tgt Ion:105 Resp: 195553

Ion Ratio Lower Upper

105 100

120 45.7 24.1 72.3



#81

trans-1,4-Dichloro-2-butene

Concen: 45.501 ug/l

RT: 11.018 min Scan# 1629

Delta R.T. -0.000 min

Lab File: VX040492.D

Acq: 27 Feb 2024 16:13

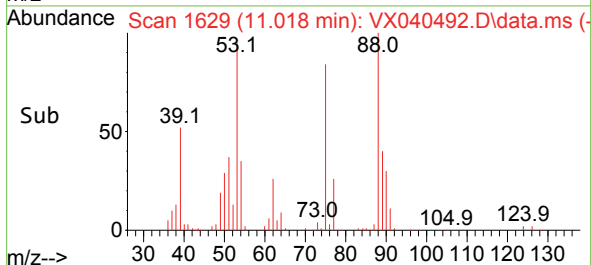
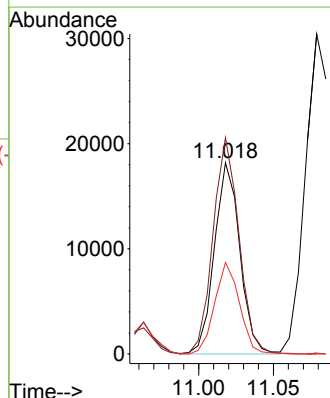
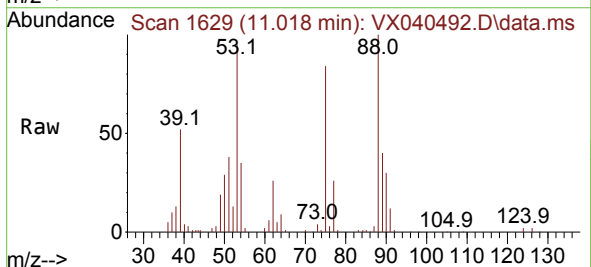
Tgt Ion: 75 Resp: 21557

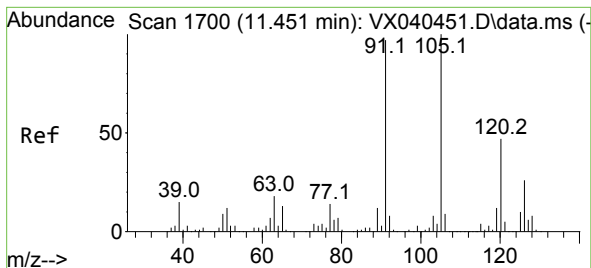
Ion Ratio Lower Upper

75 100

53 114.8 90.5 135.7

89 46.5 36.9 55.3

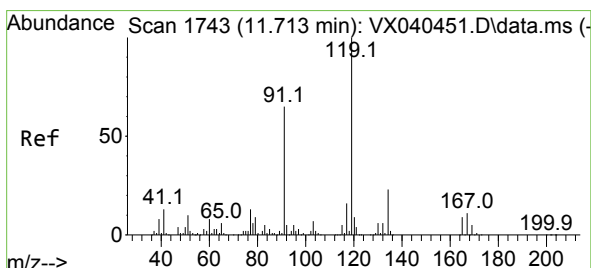
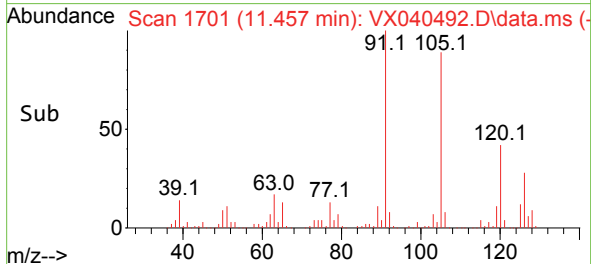
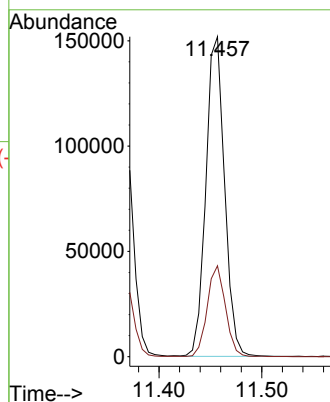
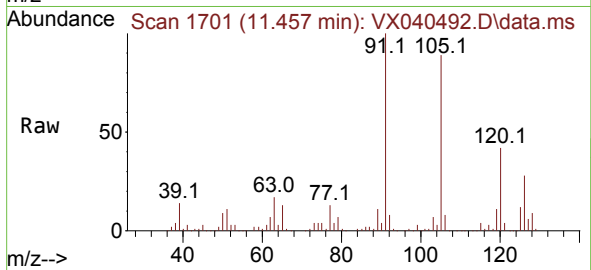




#82
4-Chlorotoluene
Concen: 46.214 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX040492.D
Acq: 27 Feb 2024 16:13

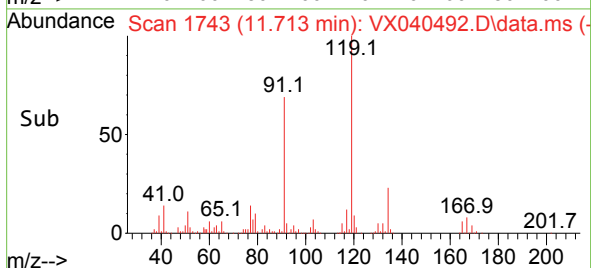
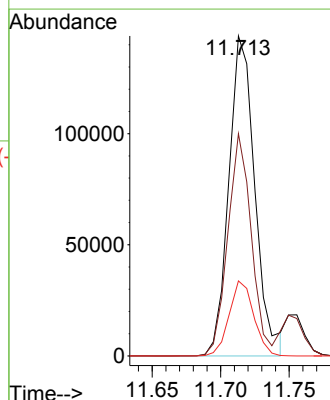
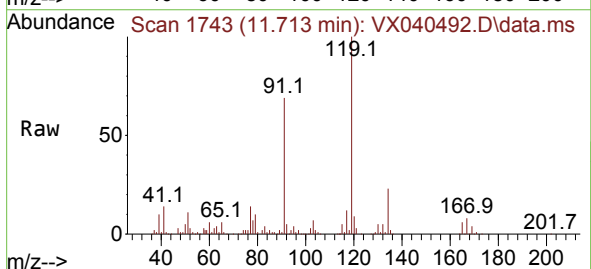
Instrument :
MSVOA_X
ClientSampleId :
TT161S1-20240221MS

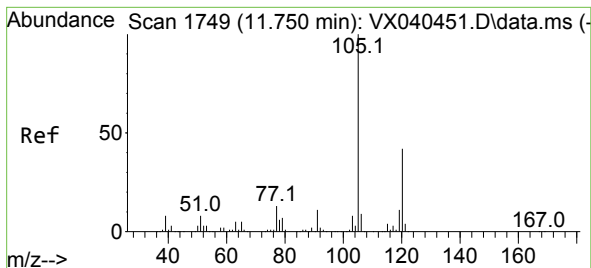
Tgt Ion: 91 Resp: 192504
Ion Ratio Lower Upper
91 100
126 27.8 14.2 42.6



#83
tert-Butylbenzene
Concen: 49.159 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX040492.D
Acq: 27 Feb 2024 16:13

Tgt Ion: 119 Resp: 190142
Ion Ratio Lower Upper
119 100
91 62.9 31.2 93.6
134 22.3 11.7 35.0





#84

1,2,4-Trimethylbenzene

Concen: 48.089 ug/l

RT: 11.749 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX040492.D

Acq: 27 Feb 2024 16:13

Instrument :

MSVOA_X

ClientSampleId :

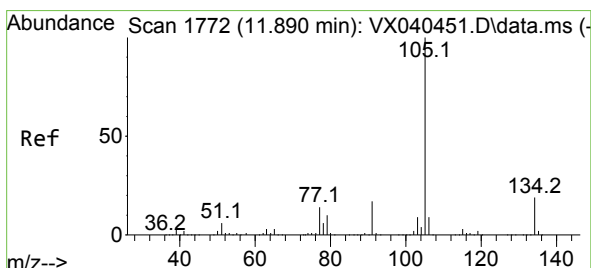
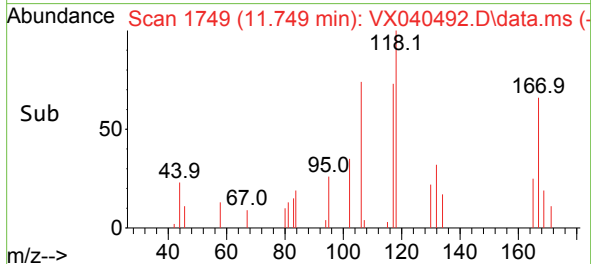
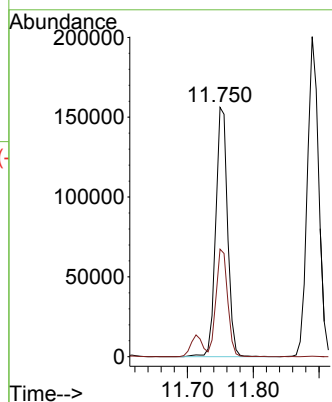
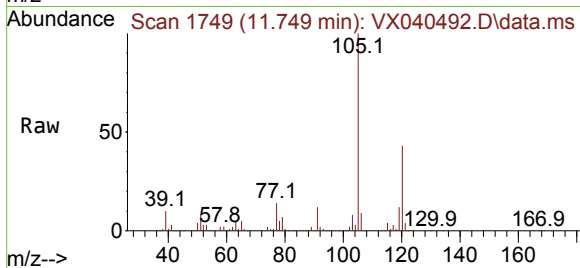
TT161S1-20240221MS

Tgt Ion:105 Resp: 195750

Ion Ratio Lower Upper

105 100

120 42.3 21.2 63.6



#85

sec-Butylbenzene

Concen: 47.671 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX040492.D

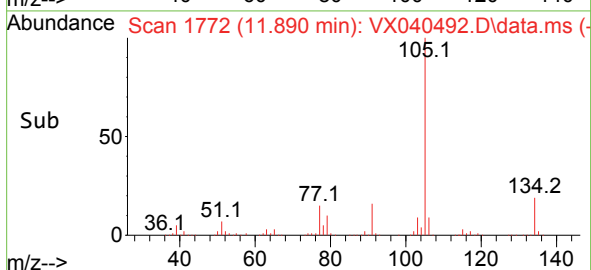
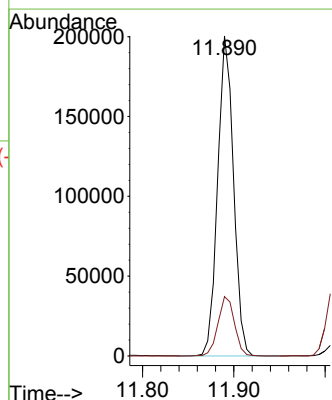
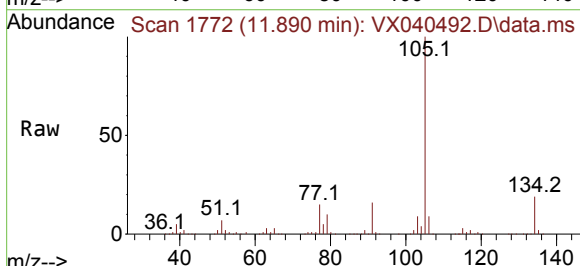
Acq: 27 Feb 2024 16:13

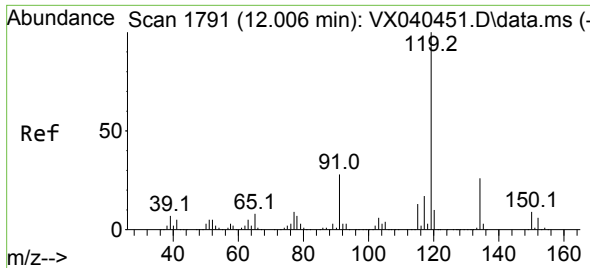
Tgt Ion:105 Resp: 242235

Ion Ratio Lower Upper

105 100

134 19.3 9.8 29.4

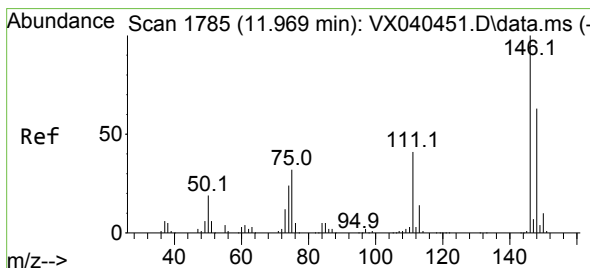
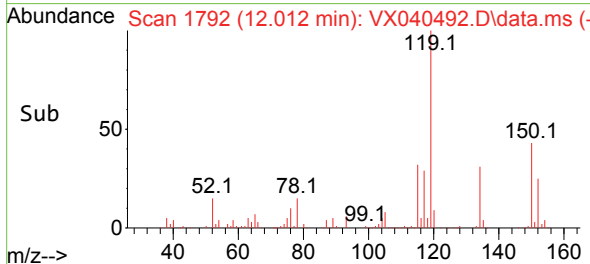
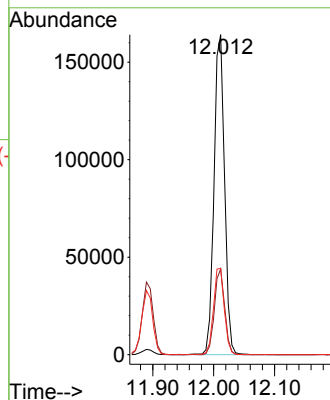
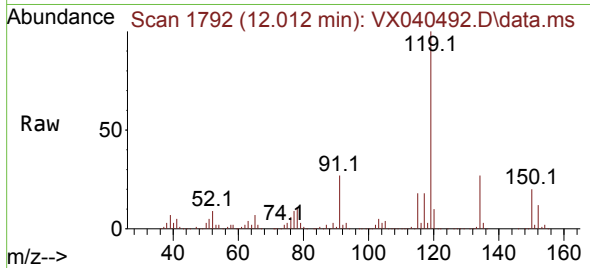




#86
p-Isopropyltoluene
Concen: 46.938 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VX040492.D
Acq: 27 Feb 2024 16:13

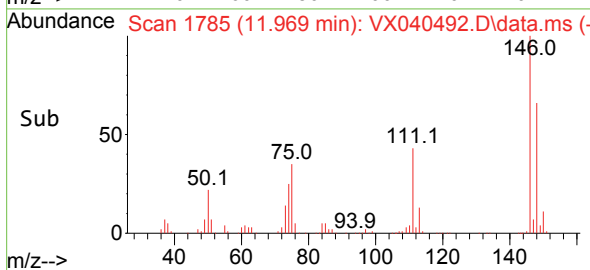
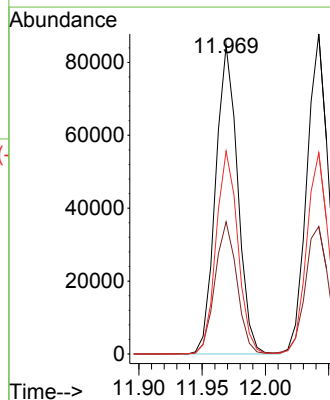
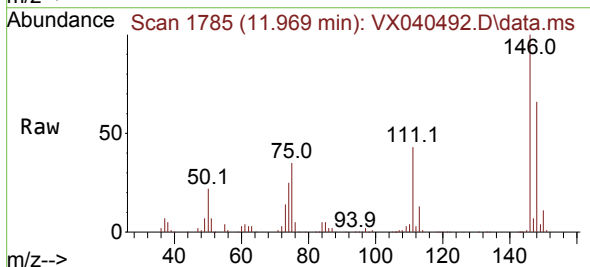
Instrument :
MSVOA_X
ClientSampleId :
TT161S1-20240221MS

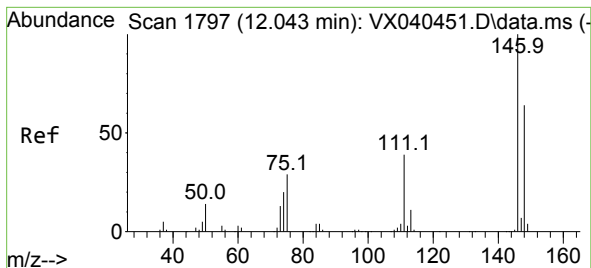
Tgt Ion:119 Resp: 196600
Ion Ratio Lower Upper
119 100
134 26.2 12.8 38.3
91 27.8 13.1 39.3



#87
1,3-Dichlorobenzene
Concen: 45.095 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX040492.D
Acq: 27 Feb 2024 16:13

Tgt Ion:146 Resp: 102530
Ion Ratio Lower Upper
146 100
111 42.7 22.1 66.1
148 64.9 31.8 95.3





#88

1,4-Dichlorobenzene

Concen: 45.156 ug/l

RT: 12.042 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX040492.D

Acq: 27 Feb 2024 16:13

Instrument :

MSVOA_X

ClientSampleId :

TT161S1-20240221MS

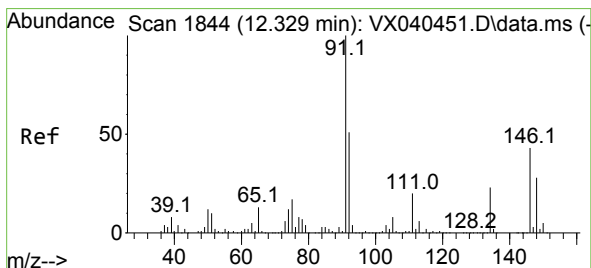
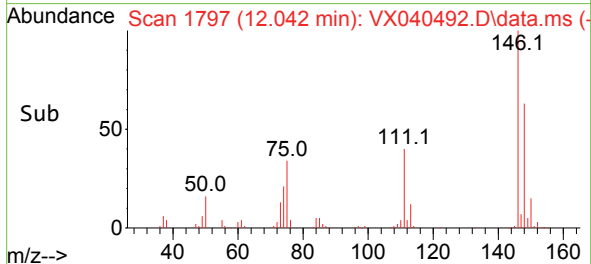
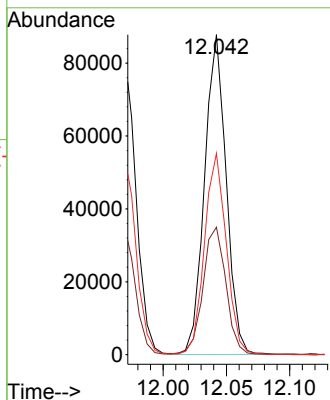
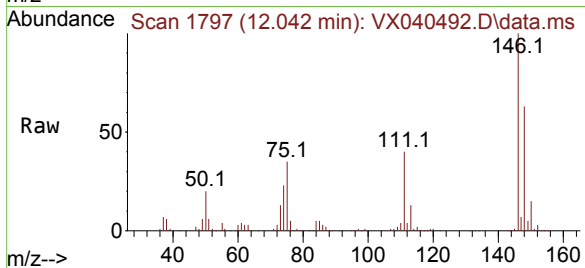
Tgt Ion:146 Resp: 104516

Ion Ratio Lower Upper

146 100

111 42.6 21.3 63.7

148 63.8 31.8 95.4



#89

n-Butylbenzene

Concen: 45.761 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX040492.D

Acq: 27 Feb 2024 16:13

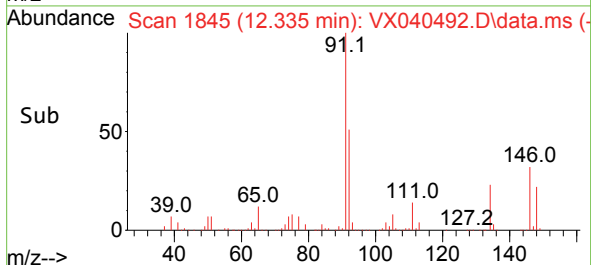
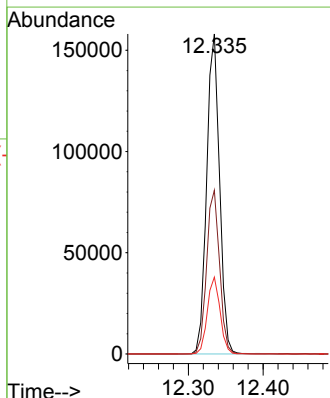
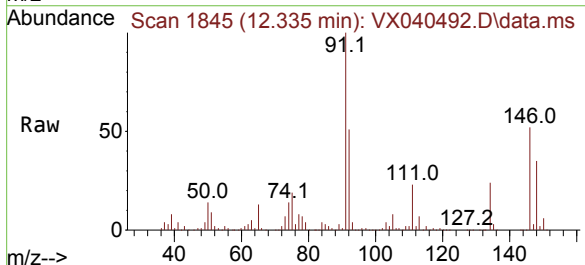
Tgt Ion: 91 Resp: 188573

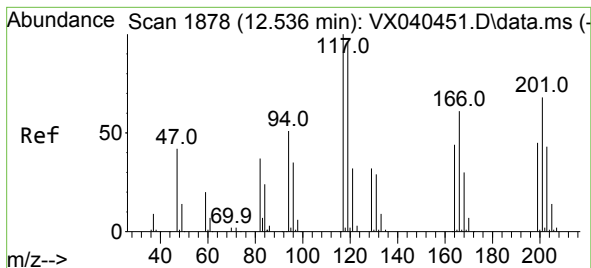
Ion Ratio Lower Upper

91 100

92 51.4 27.4 82.0

134 23.7 12.6 37.8





#90

Hexachloroethane

Concen: 47.845 ug/l

RT: 12.536 min Scan# 117

Delta R.T. -0.000 min

Lab File: VX040492.D

Acq: 27 Feb 2024 16:13

Instrument :

MSVOA_X

ClientSampleId :

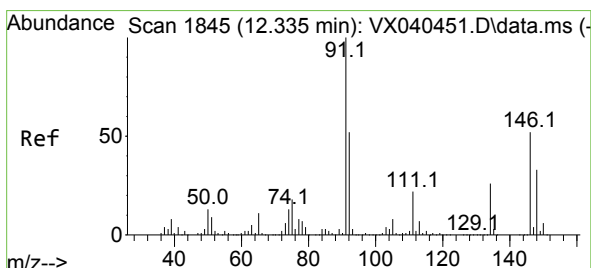
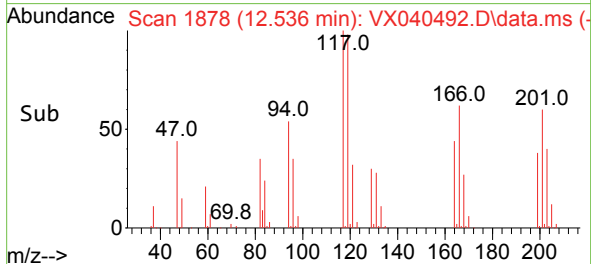
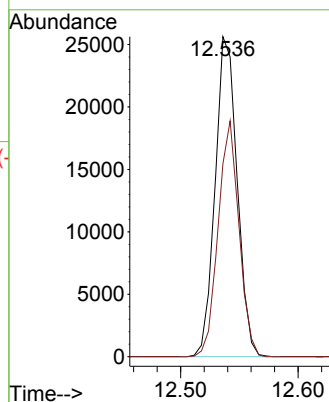
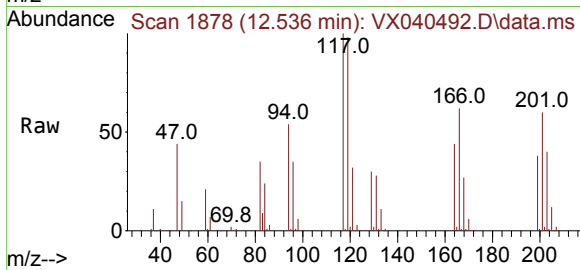
TT161S1-20240221MS

Tgt Ion:117 Resp: 33353

Ion Ratio Lower Upper

117 100

201 69.9 32.9 98.6



#91

1,2-Dichlorobenzene

Concen: 46.475 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX040492.D

Acq: 27 Feb 2024 16:13

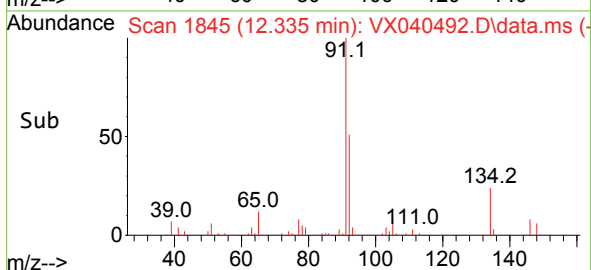
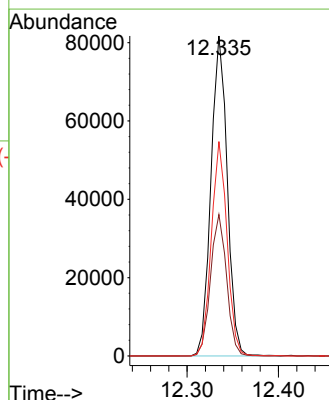
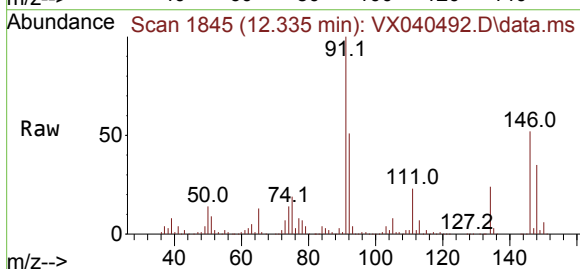
Tgt Ion:146 Resp: 100696

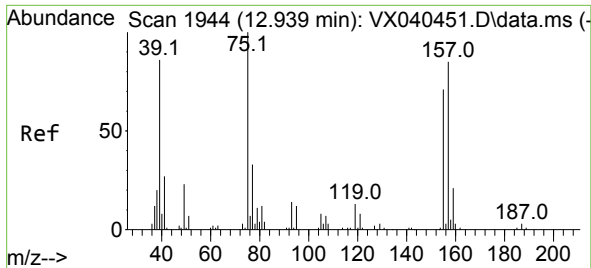
Ion Ratio Lower Upper

146 100

111 43.7 22.4 67.0

148 64.8 31.6 95.0

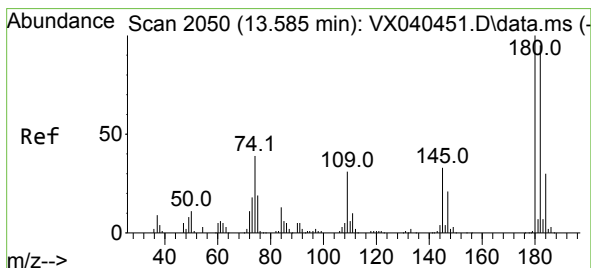
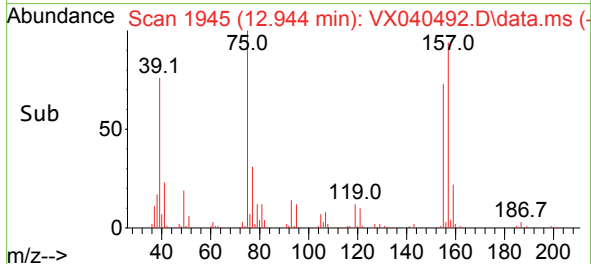
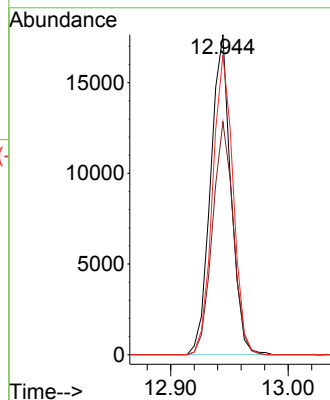
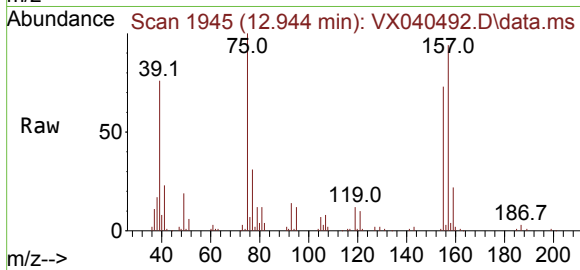




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.072 ug/l
 RT: 12.944 min Scan# 1945
 Delta R.T. 0.006 min
 Lab File: VX040492.D
 Acq: 27 Feb 2024 16:13

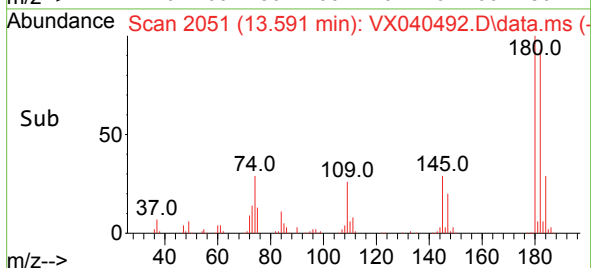
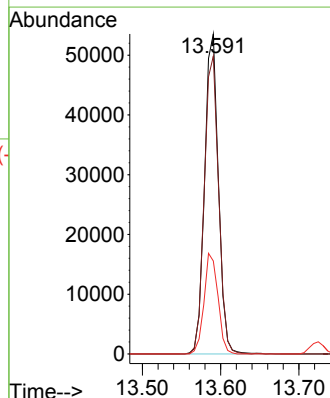
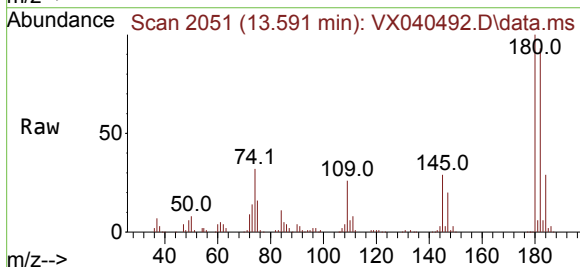
Instrument :
 MSVOA_X
 ClientSampleId :
 TT161S1-20240221MS

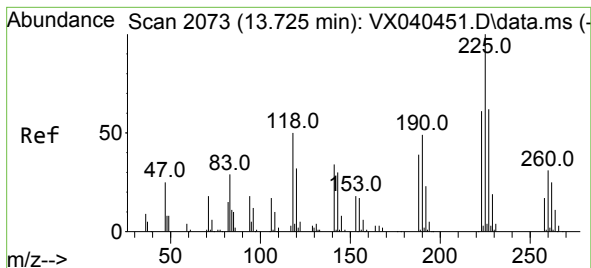
Tgt Ion: 75 Resp: 21179
 Ion Ratio Lower Upper
 75 100
 155 74.2 36.1 108.5
 157 94.6 44.9 134.7



#93
 1,2,4-Trichlorobenzene
 Concen: 46.344 ug/l
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.006 min
 Lab File: VX040492.D
 Acq: 27 Feb 2024 16:13

Tgt Ion: 180 Resp: 65531
 Ion Ratio Lower Upper
 180 100
 182 96.1 48.3 144.8
 145 31.6 18.0 54.0





#94

Hexachlorobutadiene

Concen: 42.923 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX040492.D

Acq: 27 Feb 2024 16:13

Instrument :

MSVOA_X

ClientSampleId :

TT161S1-20240221MS

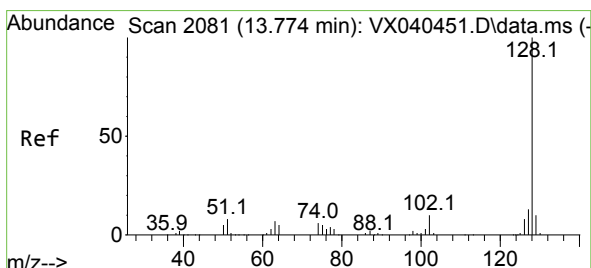
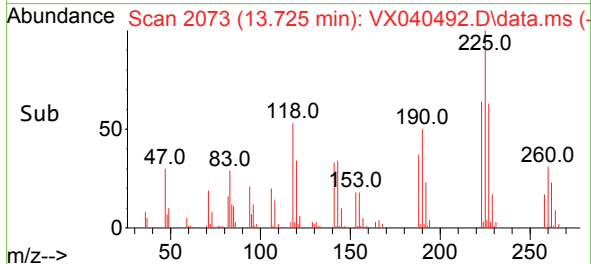
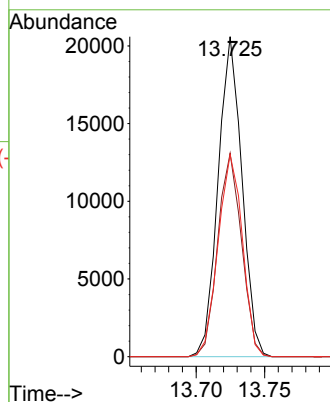
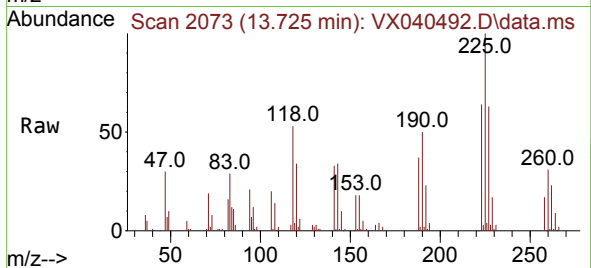
Tgt Ion:225 Resp: 24805

Ion Ratio Lower Upper

225 100

223 63.8 31.1 93.2

227 64.7 32.5 97.5



#95

Naphthalene

Concen: 49.044 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX040492.D

Acq: 27 Feb 2024 16:13

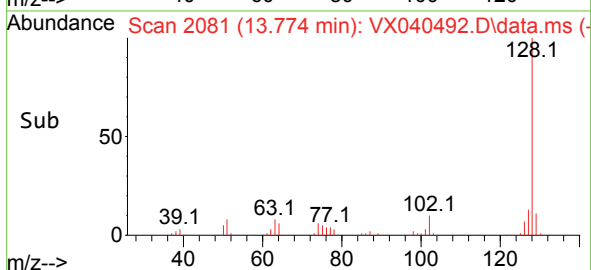
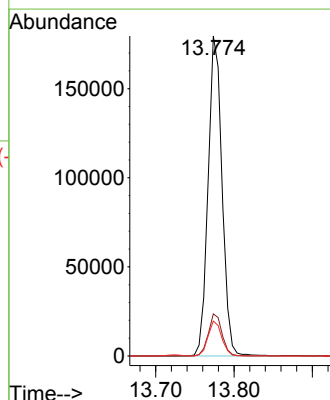
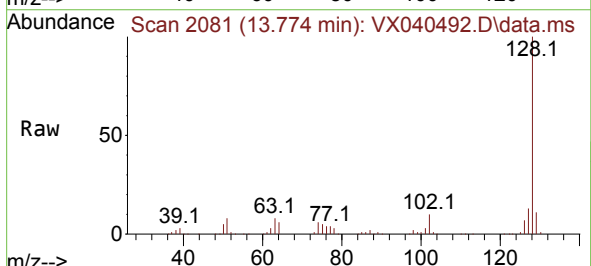
Tgt Ion:128 Resp: 221616

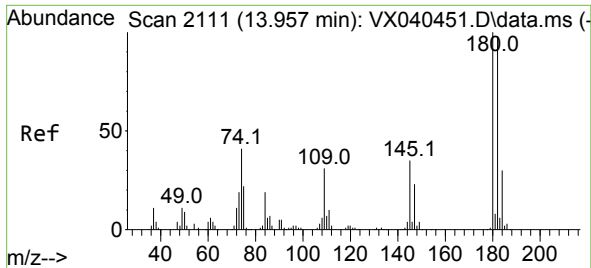
Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 10.6 8.8 13.2





#96

1,2,3-Trichlorobenzene

Concen: 48.048 ug/l

RT: 13.963 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX040492.D

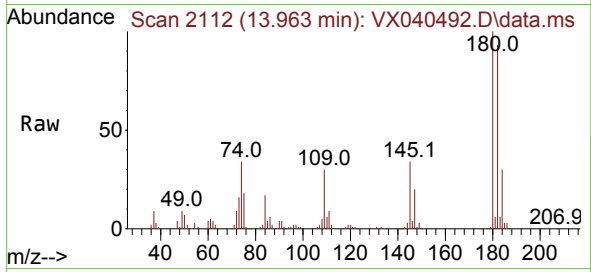
Acq: 27 Feb 2024 16:13

Instrument :

MSVOA_X

ClientSampleId :

TT161S1-20240221MS



Tgt Ion:180 Resp: 64583

Ion Ratio Lower Upper

180 100

182 93.5 46.9 140.6

145 34.9 17.8 53.5

