

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073024\
 Data File : VX042753.D
 Acq On : 30 Jul 2024 20:34
 Operator : JC/MD
 Sample : P3389-02MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 E20TOMS

Quant Time: Jul 31 03:21:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML072624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 31 03:10:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	140501	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	126889	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	57117	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	31527	36.935	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	73.860%		
7) Chloroethane-d5	1.648	69	16295	46.327	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	92.660%		
11) 1,1-Dichloroethene-d2	2.300	65	17663	41.998	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.000%		
21) 2-Butanone-d5	4.471	46	62573	98.906	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	98.910%		
24) Chloroform-d	5.062	84	91864	49.168	ug/L	0.01
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.340%		
26) 1,2-Dichloroethane-d4	5.958	65	57948	48.075	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.140%		
32) Benzene-d6	5.976	84	168529	47.856	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.720%		
36) 1,2-Dichloropropane-d6	7.312	67	50033	48.005	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.000%		
41) Toluene-d8	8.647	98	150467	47.654	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.300%		
43) trans-1,3-Dichloroprop...	8.952	79	23408	47.993	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	95.980%		
47) 2-Hexanone-d5	9.384	63	46740	100.302	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	100.300%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	73612	49.053	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	98.100%		
66) 1,2-Dichlorobenzene-d4	12.317	152	50378	46.670	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.340%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	46707	37.627	ug/L	99
3) Chloromethane	1.300	50	45394	44.223	ug/L	99
5) Vinyl chloride	1.374	62	52913	54.226	ug/L	98
6) Bromomethane	1.599	94	14154	46.361	ug/L	91
8) Chloroethane	1.666	64	15602	43.671	ug/L	88
9) Trichlorofluoromethane	1.874	101	50373	36.472	ug/L	92
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	38670	38.963	ug/L	98
12) 1,1-Dichloroethene	2.312	96	39250	43.212	ug/L	99
13) Acetone	2.392	43	47948	96.957	ug/L	98
14) Carbon disulfide	2.501	76	92597	41.752	ug/L	100
15) Methyl Acetate	2.709	43	55958	51.048	ug/L	99
16) Methylene chloride	2.788	84	51825	49.406	ug/L	91
17) trans-1,2-Dichloroethene	3.087	96	44673	47.925	ug/L	93
18) Methyl tert-butyl Ether	3.123	73	163401	50.574	ug/L	99
19) 1,1-Dichloroethane	3.605	63	85045	47.786	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	53816	50.546	ug/L	96
22) 2-Butanone	4.574	43	77506	102.906	ug/L	96
23) Bromochloromethane	4.903	128	26452	52.467	ug/L #	87
25) Chloroform	5.092	83	95790	50.479	ug/L	100

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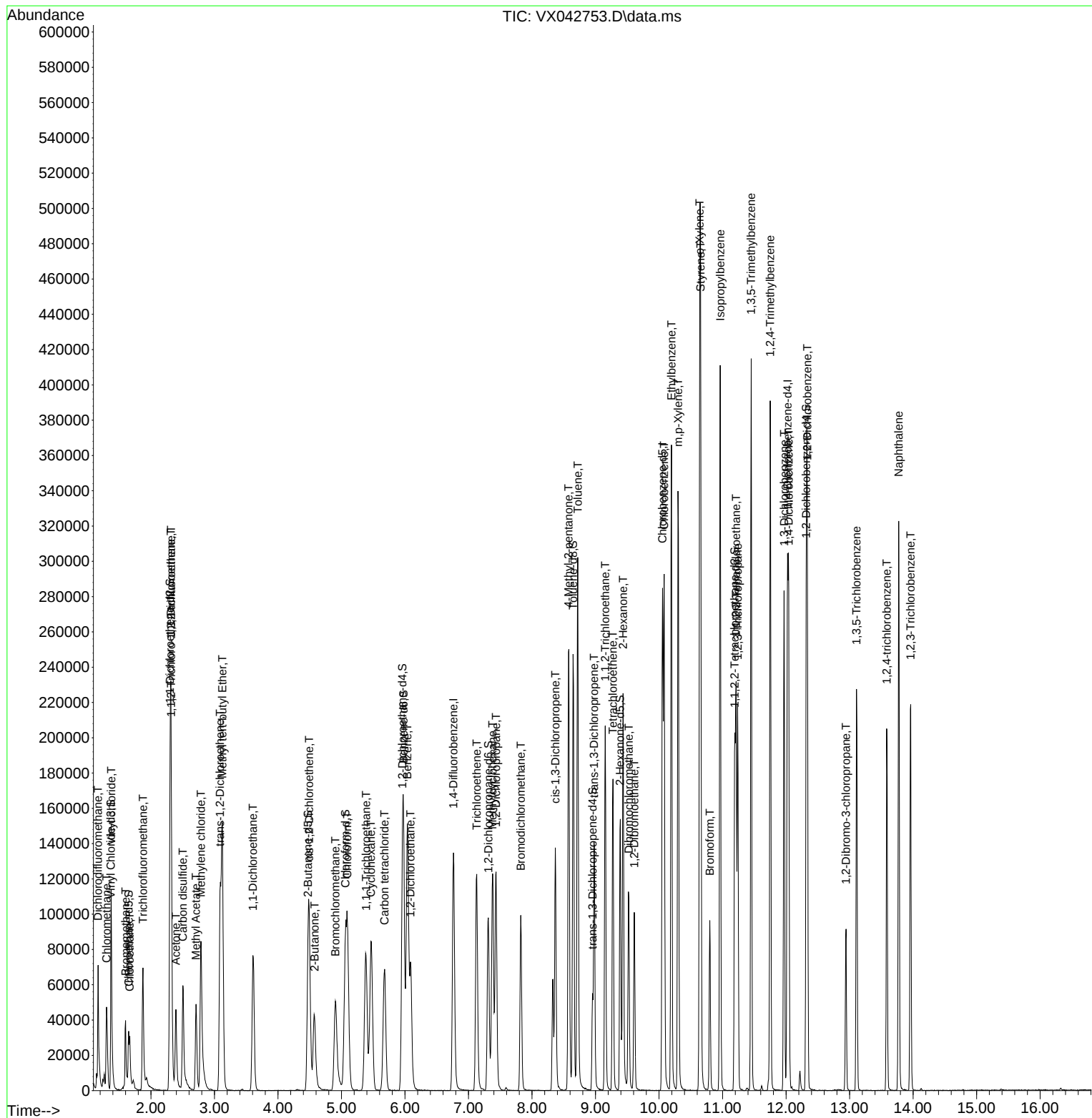
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	77228	51.242	ug/L	98
29) Cyclohexane	5.464	56	55232	36.820	ug/L	95
30) 1,1,1-Trichloroethane	5.385	97	78433	48.392	ug/L	98
31) Carbon tetrachloride	5.678	117	64540	47.144	ug/L	100
33) Benzene	6.037	78	190483	49.053	ug/L	100
34) Trichloroethene	7.129	95	48625	46.869	ug/L	96
35) Methylcyclohexane	7.379	83	58331	37.148	ug/L	99
37) 1,2-Dichloropropane	7.434	63	49937	49.481	ug/L	99
38) Bromodichloromethane	7.824	83	65029	49.854	ug/L	95
39) cis-1,3-Dichloropropene	8.366	75	72995	47.121	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	142537	102.655	ug/L	96
42) Toluene	8.720	91	198989	49.753	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	68459	48.752	ug/L	96
45) 1,1,2-Trichloroethane	9.153	97	54499	53.467	ug/L	97
46) Tetrachloroethene	9.275	164	34541	48.819	ug/L	93
48) 2-Hexanone	9.433	43	113252	104.874	ug/L	96
49) Dibromochloromethane	9.525	129	49445	51.948	ug/L	93
50) 1,2-Dibromoethane	9.610	107	54319	51.238	ug/L	96
51) Chlorobenzene	10.079	112	125838	48.654	ug/L	96
52) Ethylbenzene	10.195	91	213674	48.709	ug/L	99
53) m,p-Xylene	10.299	106	83470	50.509	ug/L	96
54) o-Xylene	10.640	106	84578	51.448	ug/L	93
55) Styrene	10.652	104	138495	50.538	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.213	83	85788	52.630	ug/L	98
59) Bromoform	10.799	173	32331	50.440	ug/L	97
60) Isopropylbenzene	10.963	105	209469	48.536	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	65981	49.933	ug/L	97
62) 1,3,5-Trimethylbenzene	11.451	105	173490	48.335	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	173299	48.897	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	86989	46.866	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	89370	47.804	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	90493	48.417	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	18090	51.388	ug/L	100
69) 1,3,5-Trichlorobenzene	13.109	180	52668	45.748	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	45311	44.880	ug/L	99
71) Naphthalene	13.774	128	197838	50.799	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	51453	49.200	ug/L	96

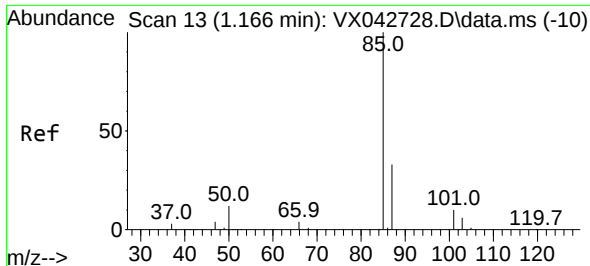
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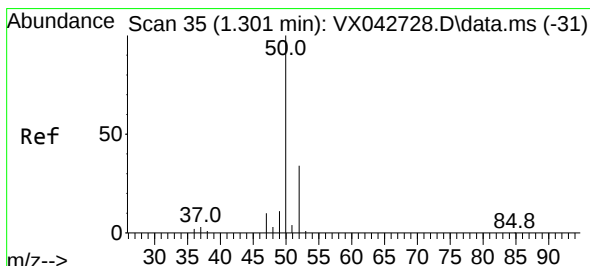
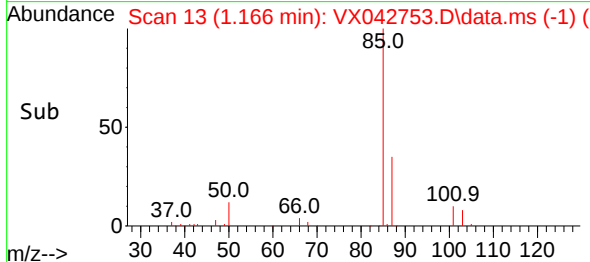
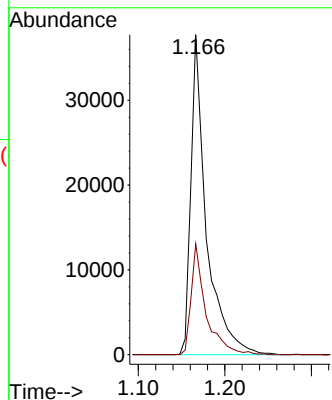
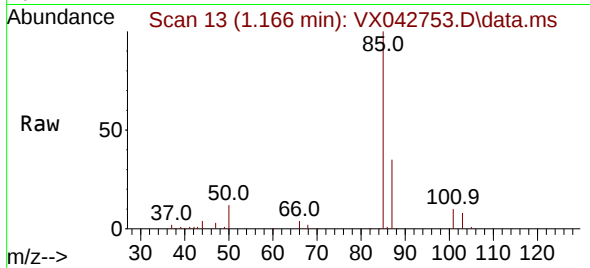




#2
 Dichlorodifluoromethane
 Concen: 37.627 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX042753.D
 Acq: 30 Jul 2024 20:34

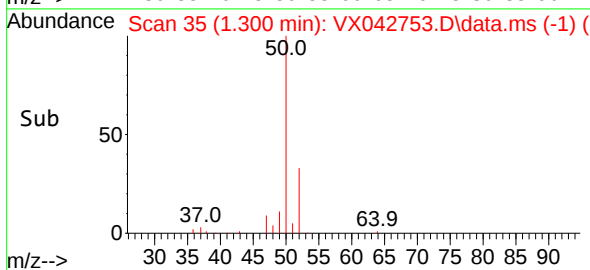
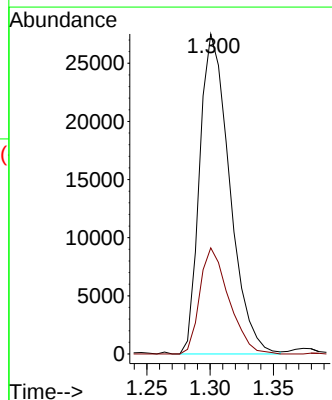
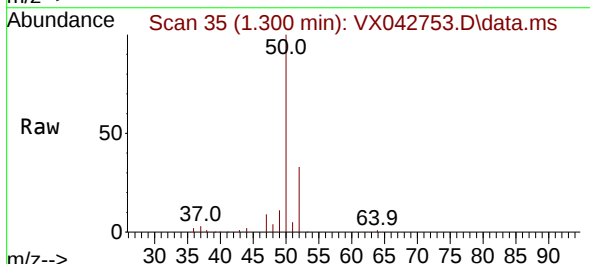
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 ClientSampleId :
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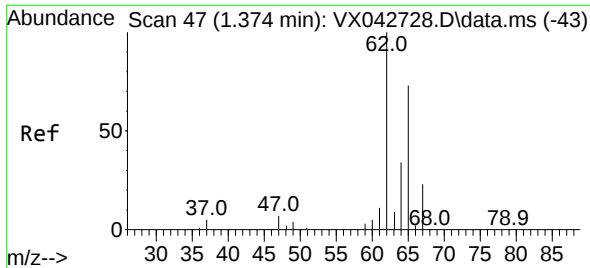
Tgt Ion: 85 Resp: 46707
 Ion Ratio Lower Upper
 85 100
 87 32.7 25.8 38.8



#3
 Chloromethane
 Concen: 44.223 ug/L
 RT: 1.300 min Scan# 35
 Delta R.T. -0.000 min
 Lab File: VX042753.D
 Acq: 30 Jul 2024 20:34

Tgt Ion: 50 Resp: 45394
 Ion Ratio Lower Upper
 50 100
 52 33.2 23.0 42.6

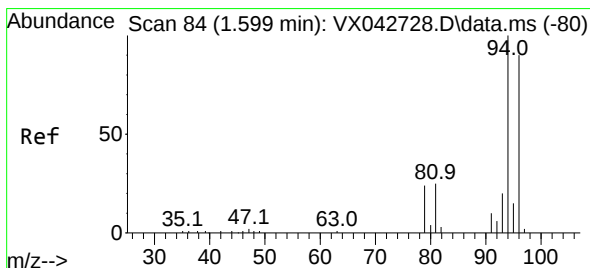
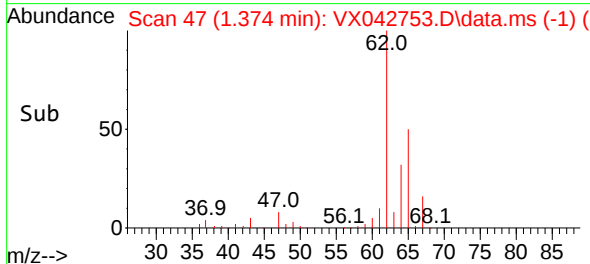
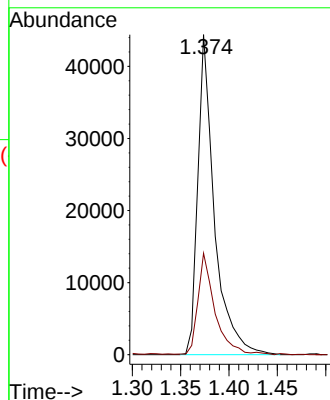
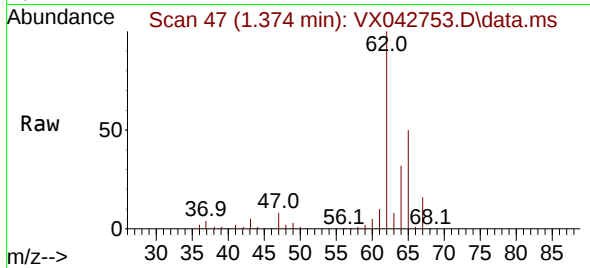




#5
 Vinyl chloride
 Concen: 54.226 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX042753.D
 Acq: 30 Jul 2024 20:34

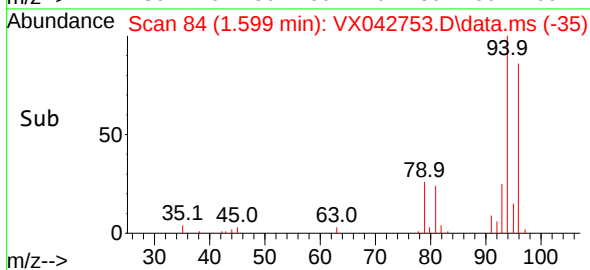
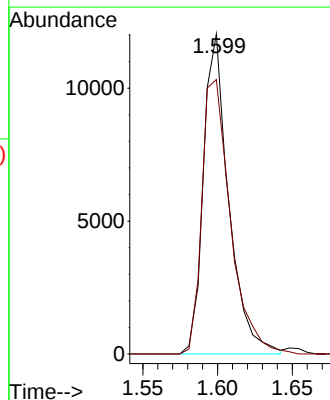
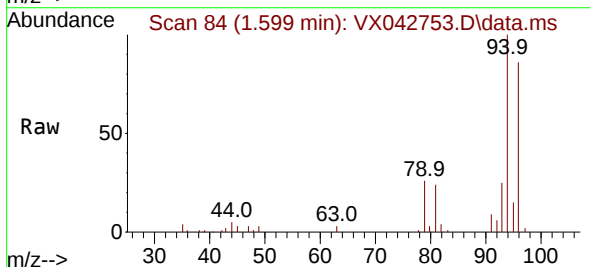
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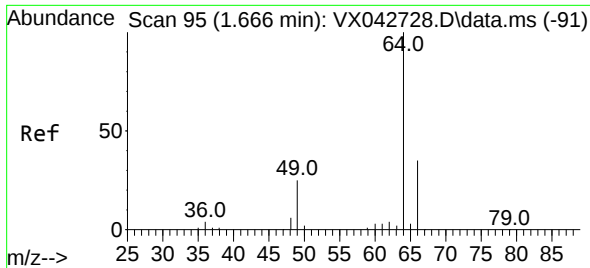
Tgt Ion: 62 Resp: 52913
 Ion Ratio Lower Upper
 62 100
 64 31.7 21.6 40.0



#6
 Bromomethane
 Concen: 46.361 ug/L
 RT: 1.599 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VX042753.D
 Acq: 30 Jul 2024 20:34

Tgt Ion: 94 Resp: 14154
 Ion Ratio Lower Upper
 94 100
 96 85.7 66.1 122.7

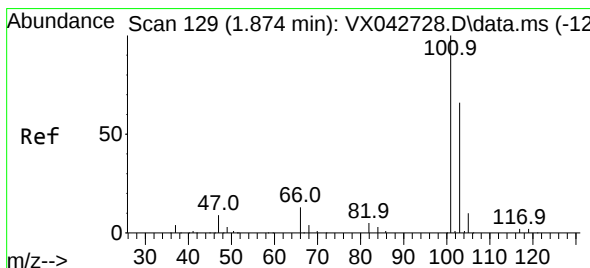
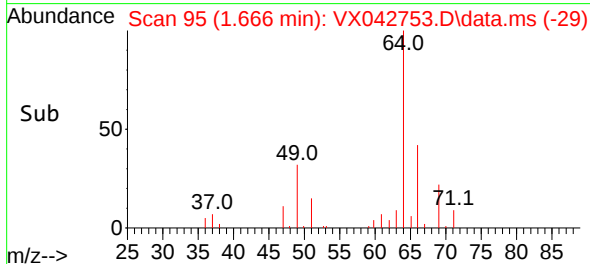
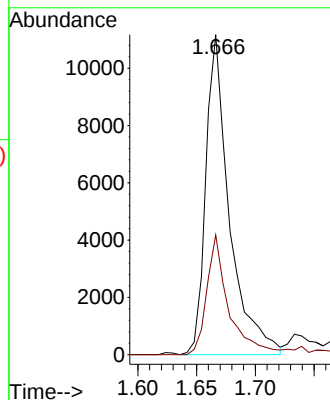
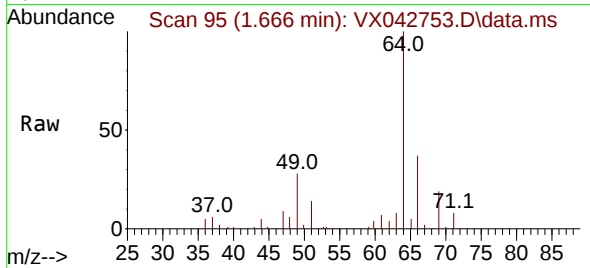




#8
 Chloroethane
 Concen: 43.671 ug/L
 RT: 1.666 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VX042753.D
 Acq: 30 Jul 2024 20:34

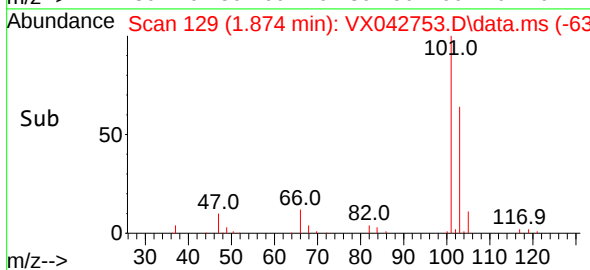
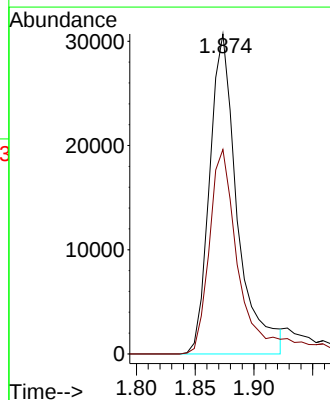
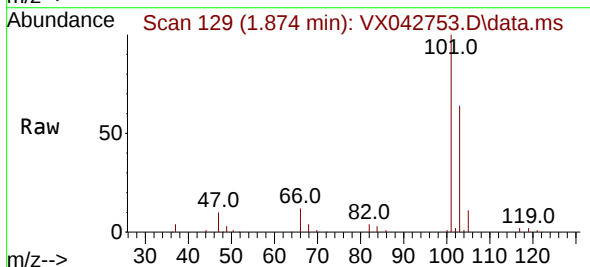
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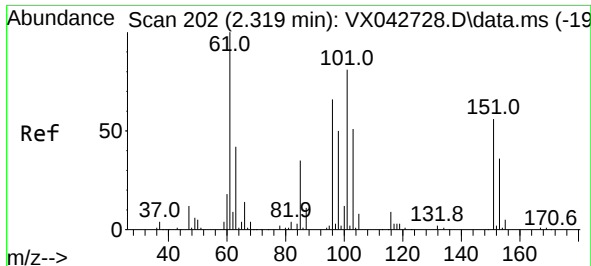
Tgt Ion: 64 Resp: 15602
 Ion Ratio Lower Upper
 64 100
 66 37.4 21.4 39.8



#9
 Trichlorofluoromethane
 Concen: 36.472 ug/L
 RT: 1.874 min Scan# 129
 Delta R.T. -0.000 min
 Lab File: VX042753.D
 Acq: 30 Jul 2024 20:34

Tgt Ion:101 Resp: 50373
 Ion Ratio Lower Upper
 101 100
 103 62.6 45.2 67.8

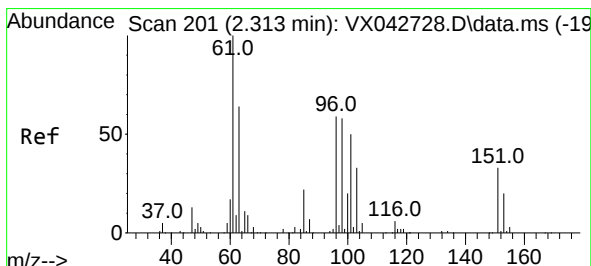
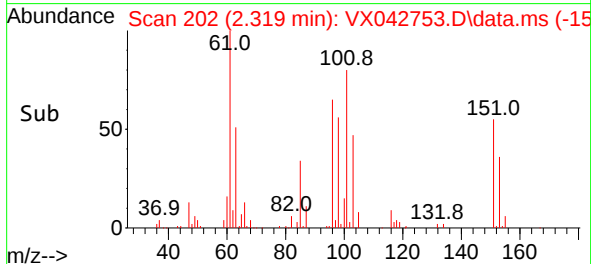
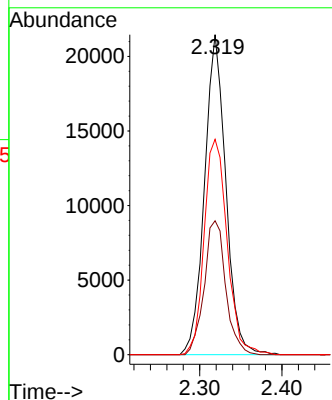
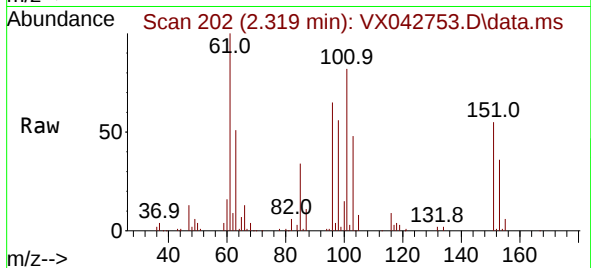




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 38.963 ug/L
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX042753.D
Acq: 30 Jul 2024 20:34

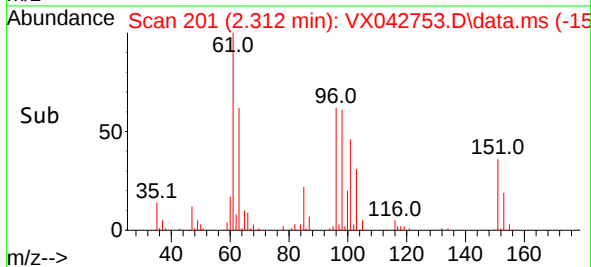
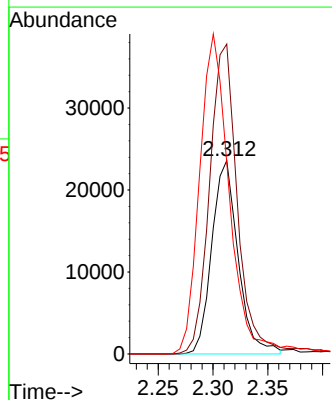
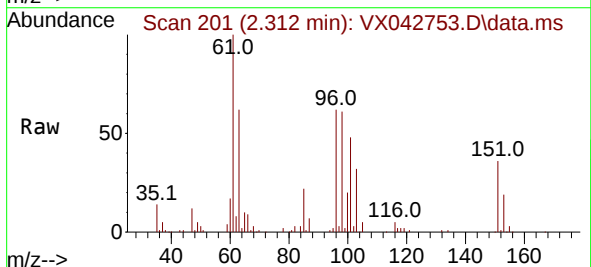
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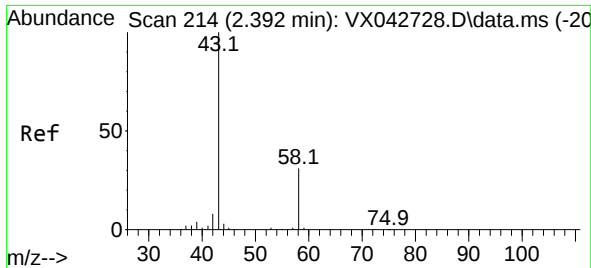
Tgt Ion:101 Resp: 38670
Ion Ratio Lower Upper
101 100
85 42.3 34.4 51.6
151 72.6 56.6 85.0



#12
1,1-Dichloroethene
Concen: 43.212 ug/L
RT: 2.312 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX042753.D
Acq: 30 Jul 2024 20:34

Tgt Ion: 96 Resp: 39250
Ion Ratio Lower Upper
96 100
61 160.3 113.0 209.9
63 98.9 70.5 130.9





#13

Acetone

Concen: 96.957 ug/L

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX042753.D

Acq: 30 Jul 2024 20:34

Instrument :

MSVOA_X

ClientSampleId :

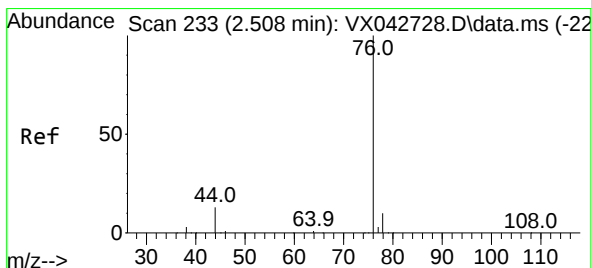
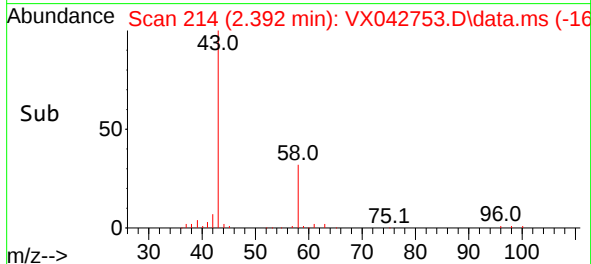
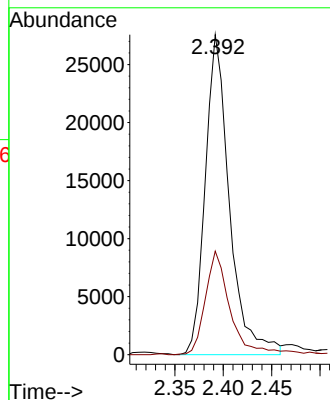
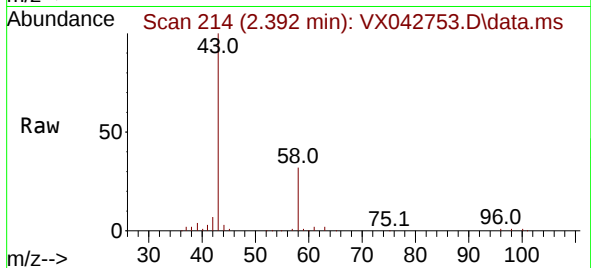
E20T0MS

Tgt Ion: 43 Resp: 47948

Ion Ratio Lower Upper

43 100

58 32.5 0.0 62.4



#14

Carbon disulfide

Concen: 41.752 ug/L

RT: 2.501 min Scan# 232

Delta R.T. -0.006 min

Lab File: VX042753.D

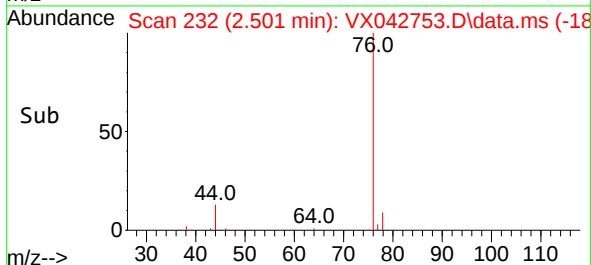
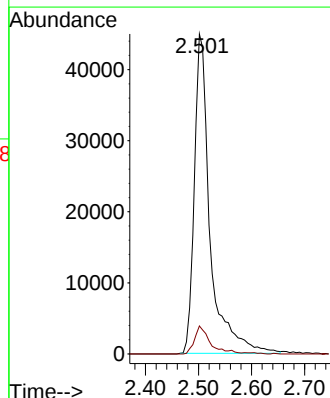
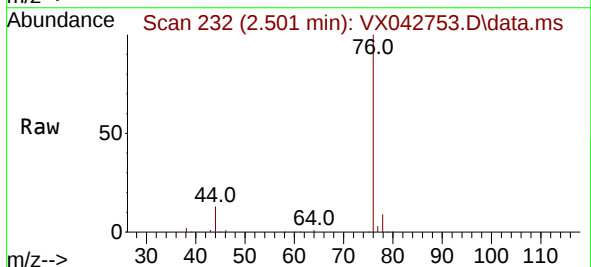
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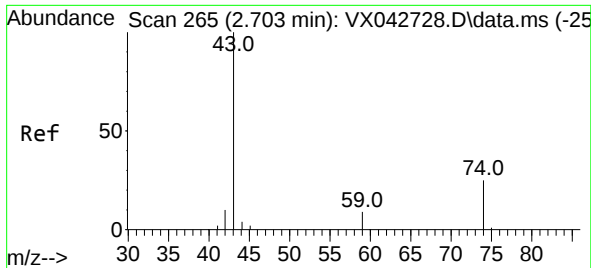
Tgt Ion: 76 Resp: 92597

Ion Ratio Lower Upper

76 100

78 8.7 7.0 10.6

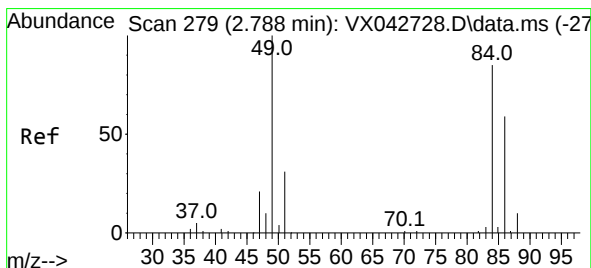
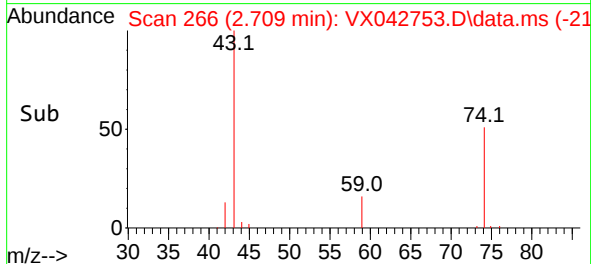
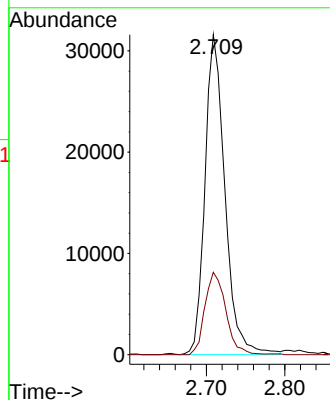
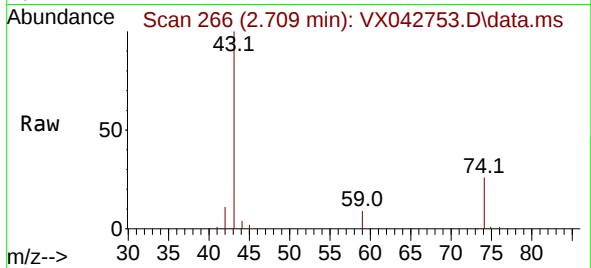




#15
Methyl Acetate
Concen: 51.048 ug/L
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX042753.D
Acq: 30 Jul 2024 20:34

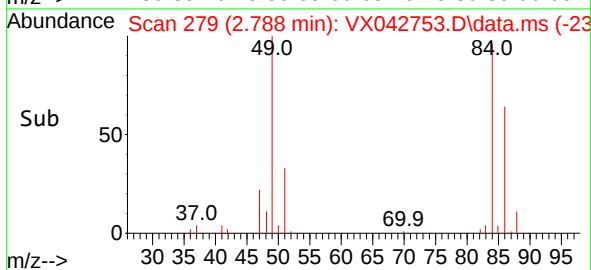
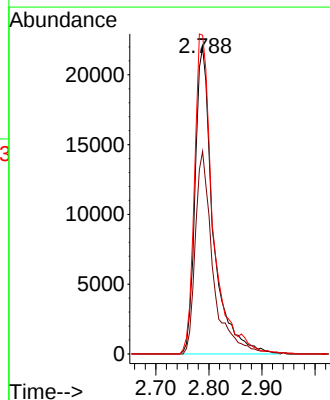
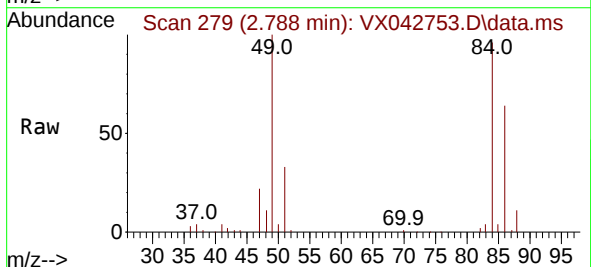
Instrument :
MSVOA_X
ClientSampleId :
E20T0MS

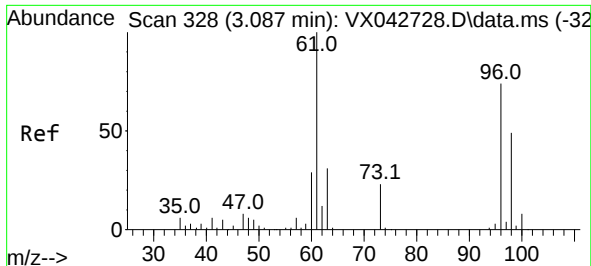
Tgt Ion: 43 Resp: 55958
Ion Ratio Lower Upper
43 100
74 26.9 21.0 31.4



#16
Methylene chloride
Concen: 49.406 ug/L
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX042753.D
Acq: 30 Jul 2024 20:34

Tgt Ion: 84 Resp: 51825
Ion Ratio Lower Upper
84 100
86 66.1 43.5 80.7
49 104.0 81.1 150.7

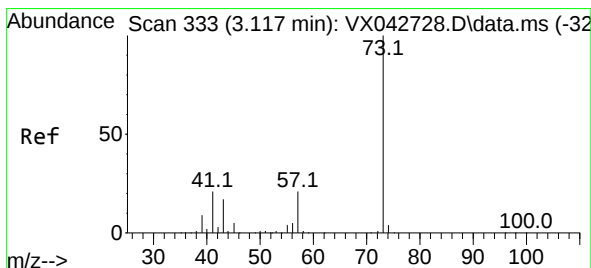
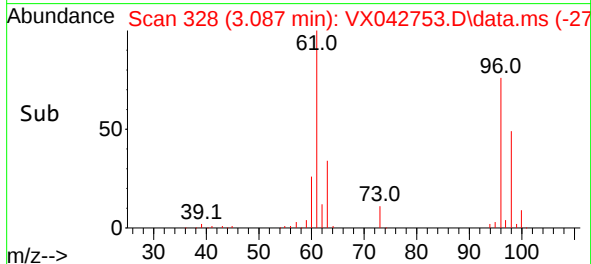
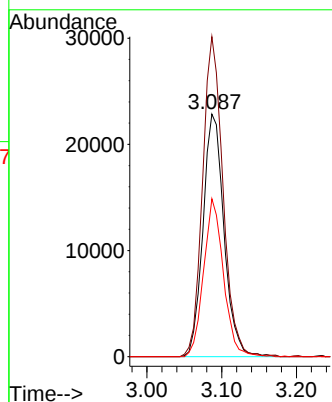
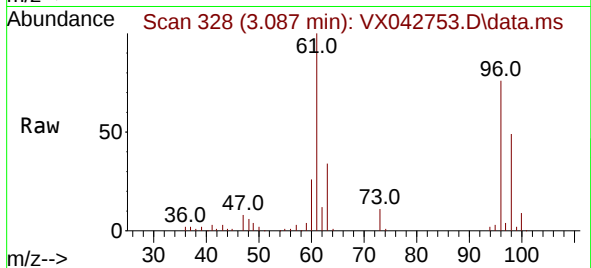




#17
trans-1,2-Dichloroethene
Concen: 47.925 ug/L
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX042753.D
Acq: 30 Jul 2024 20:34

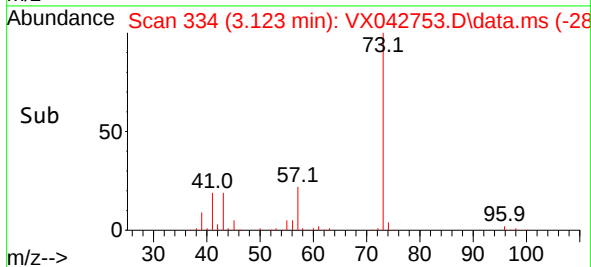
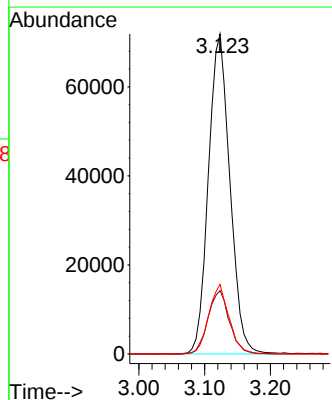
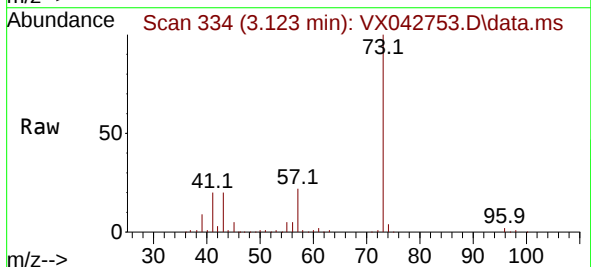
Instrument :
MSVOA_X
ClientSampleId :
E20TOMS

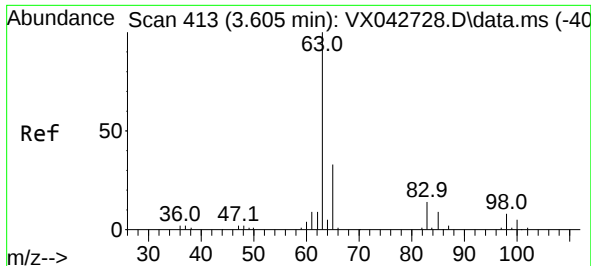
Tgt Ion: 96 Resp: 44673
Ion Ratio Lower Upper
96 100
61 131.9 99.3 184.3
98 65.1 43.8 81.3



#18
Methyl tert-butyl Ether
Concen: 50.574 ug/L
RT: 3.123 min Scan# 334
Delta R.T. 0.006 min
Lab File: VX042753.D
Acq: 30 Jul 2024 20:34

Tgt Ion: 73 Resp: 163401
Ion Ratio Lower Upper
73 100
43 19.5 15.4 23.2
57 20.7 16.9 25.3





#19

1,1-Dichloroethane

Concen: 47.786 ug/L

RT: 3.605 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX042753.D

Acq: 30 Jul 2024 20:34

Instrument :

MSVOA_X

ClientSampleId :

E20TOMS

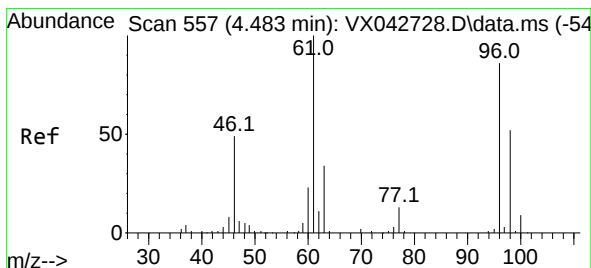
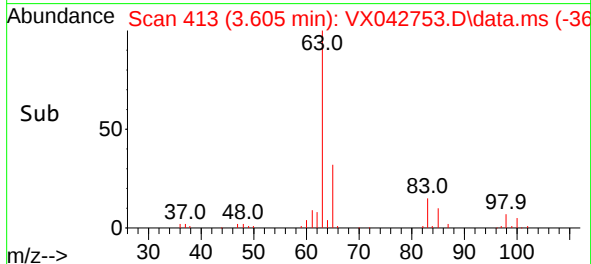
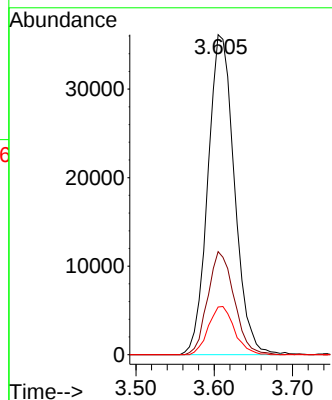
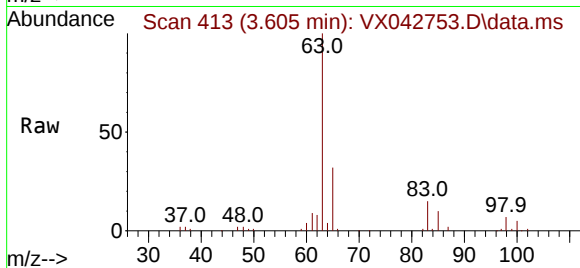
Tgt Ion: 63 Resp: 85045

Ion Ratio Lower Upper

63 100

65 32.2 23.6 43.8

83 14.9 10.9 20.3



#20

cis-1,2-Dichloroethene

Concen: 50.546 ug/L

RT: 4.489 min Scan# 558

Delta R.T. 0.006 min

Lab File: VX042753.D

Acq: 30 Jul 2024 20:34

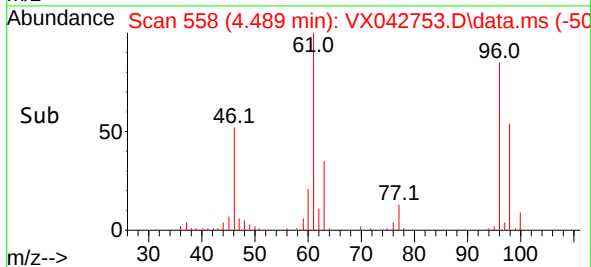
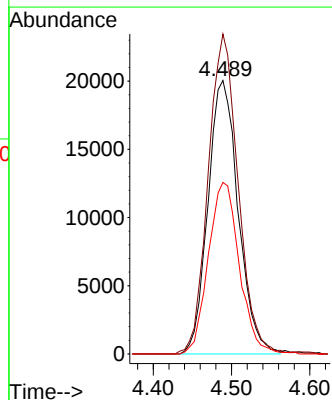
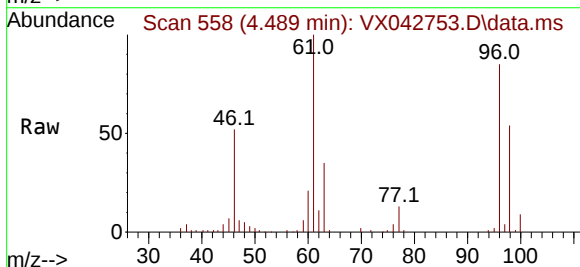
Tgt Ion: 96 Resp: 53816

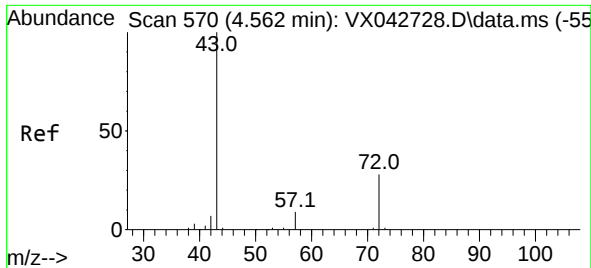
Ion Ratio Lower Upper

96 100

61 117.0 85.3 158.3

98 62.8 42.7 79.3

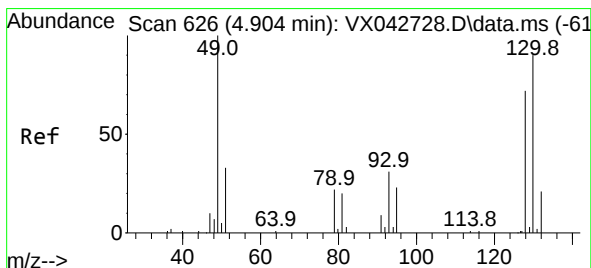
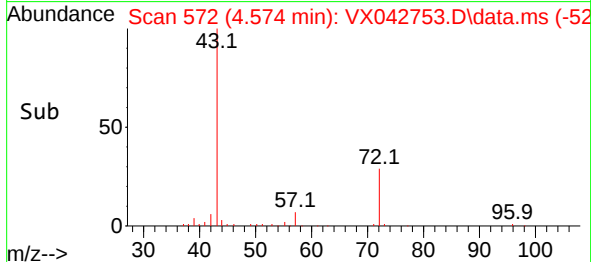
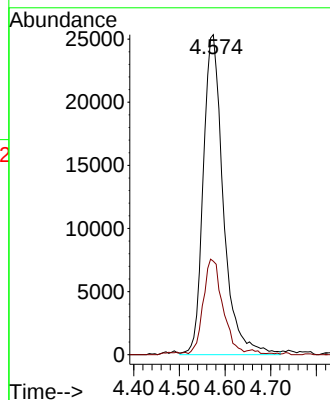
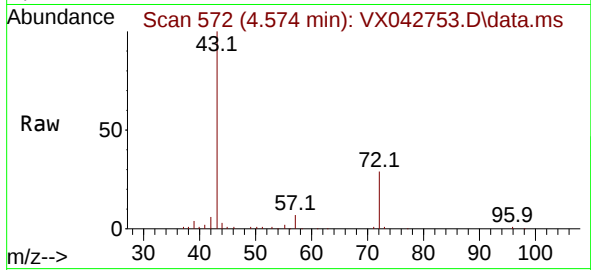




#22
2-Butanone
Concen: 102.906 ug/L
RT: 4.574 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX042753.D
Acq: 30 Jul 2024 20:34

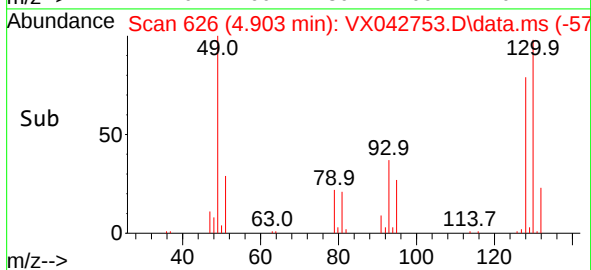
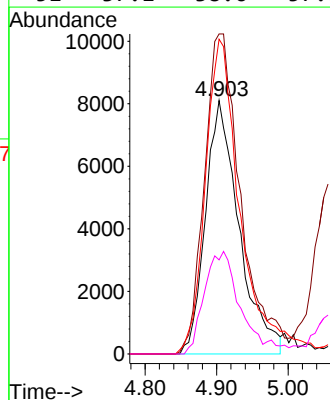
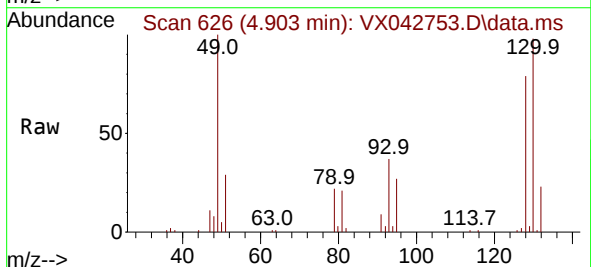
Instrument :
MSVOA_X
ClientSampleId :
E20TOMS

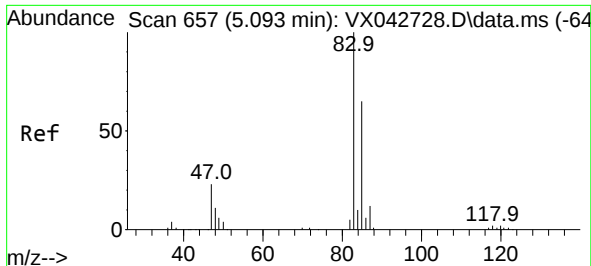
Tgt Ion: 43 Resp: 77506
Ion Ratio Lower Upper
43 100
72 29.0 13.4 40.2



#23
Bromochloromethane
Concen: 52.467 ug/L
RT: 4.903 min Scan# 626
Delta R.T. -0.000 min
Lab File: VX042753.D
Acq: 30 Jul 2024 20:34

Tgt Ion:128 Resp: 26452
Ion Ratio Lower Upper
128 100
49 126.2 107.0 198.6
130 124.1 85.5 158.9
51 37.1 38.6 57.8#

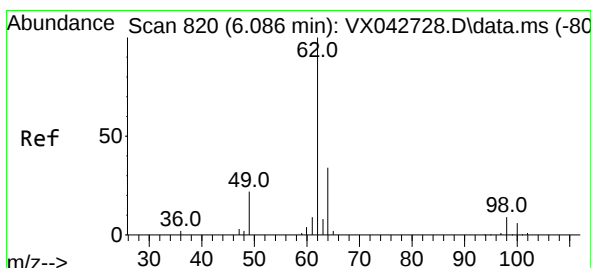
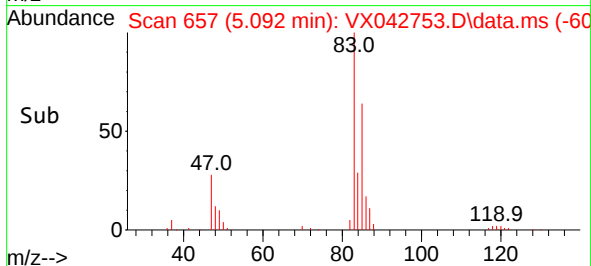
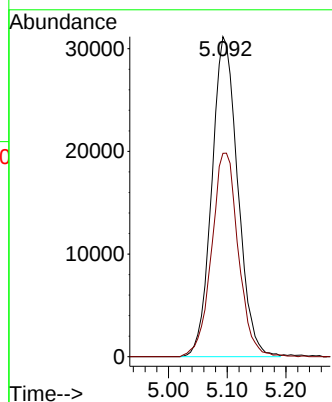
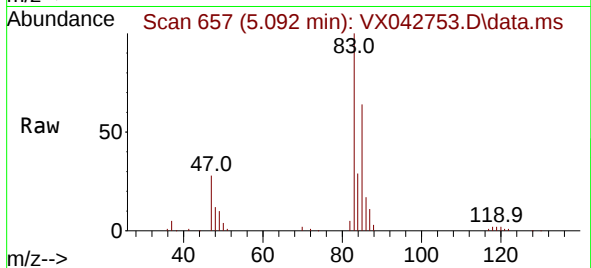




#25
Chloroform
Concen: 50.479 ug/L
RT: 5.092 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX042753.D
Acq: 30 Jul 2024 20:34

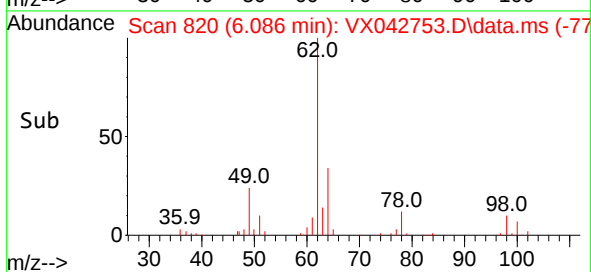
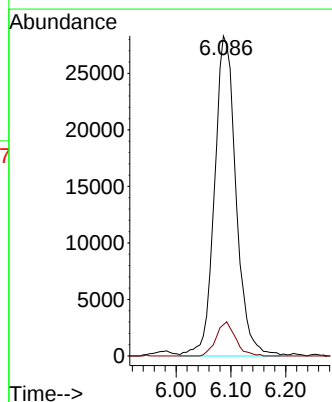
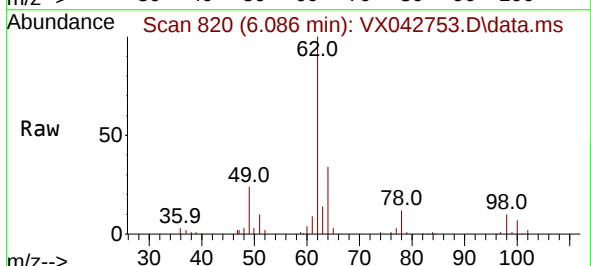
Instrument :
MSVOA_X
ClientSampleId :
E20TOMS

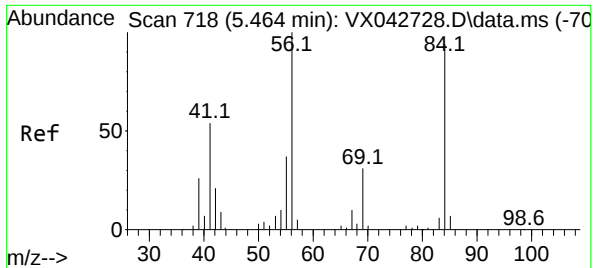
Tgt Ion: 83 Resp: 95790
Ion Ratio Lower Upper
83 100
85 63.6 44.3 82.3



#27
1,2-Dichloroethane
Concen: 51.242 ug/L
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX042753.D
Acq: 30 Jul 2024 20:34

Tgt Ion: 62 Resp: 77228
Ion Ratio Lower Upper
62 100
98 9.8 7.1 10.7

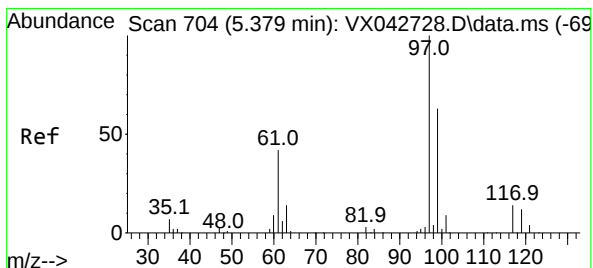
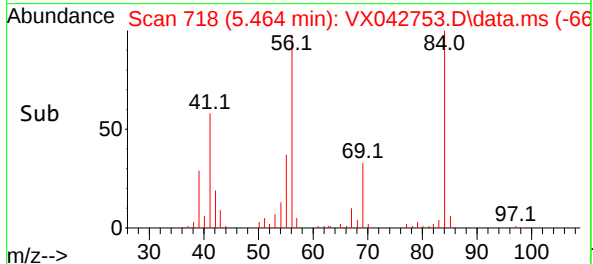
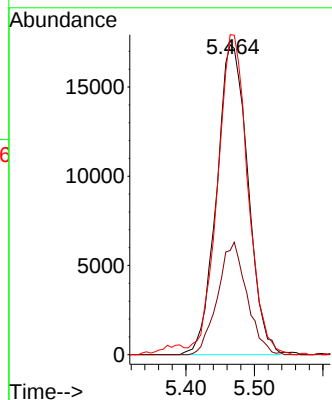
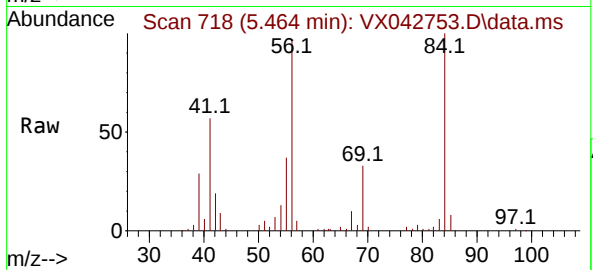




#29
Cyclohexane
Concen: 36.820 ug/L
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX042753.D
Acq: 30 Jul 2024 20:34

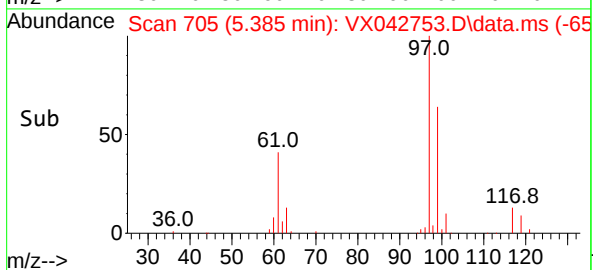
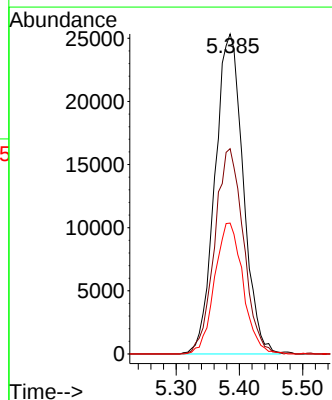
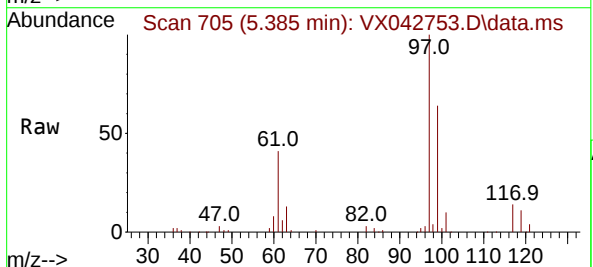
Instrument :
MSVOA_X
ClientSampleId :
E20T0MS

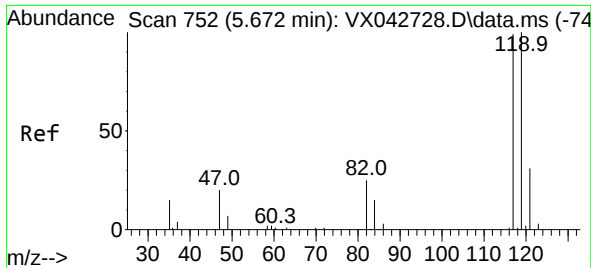
Tgt Ion: 56 Resp: 55232
Ion Ratio Lower Upper
56 100
69 33.7 26.1 39.1
84 99.8 75.5 113.3



#30
1,1,1-Trichloroethane
Concen: 48.392 ug/L
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX042753.D
Acq: 30 Jul 2024 20:34

Tgt Ion: 97 Resp: 78433
Ion Ratio Lower Upper
97 100
99 65.5 51.4 77.0
61 41.2 34.4 51.6

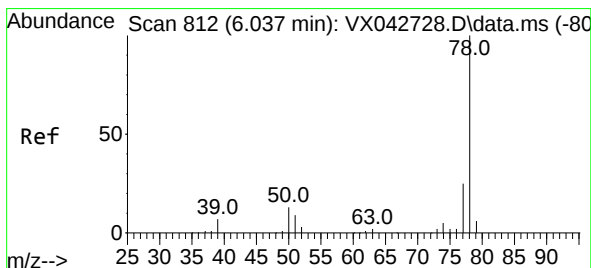
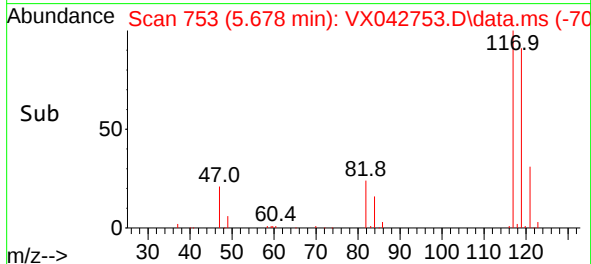
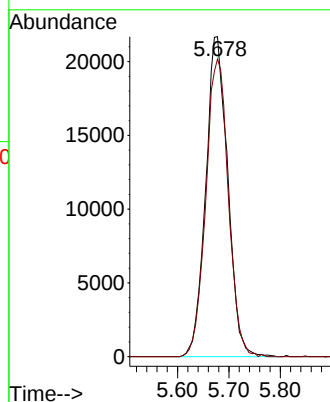
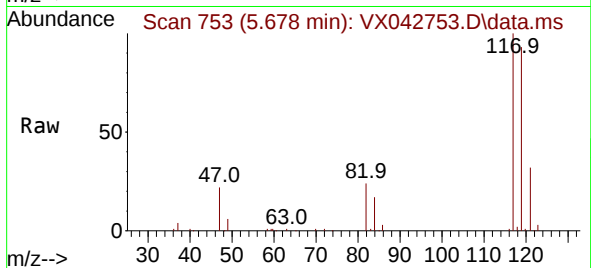




#31
Carbon tetrachloride
Concen: 47.144 ug/L
RT: 5.678 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX042753.D
Acq: 30 Jul 2024 20:34

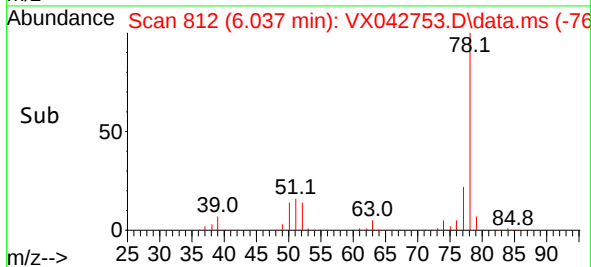
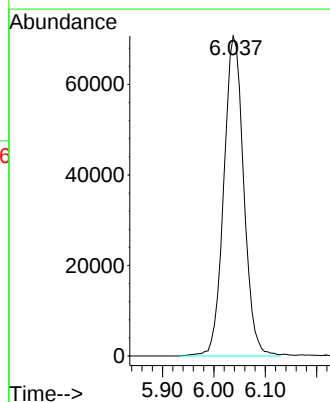
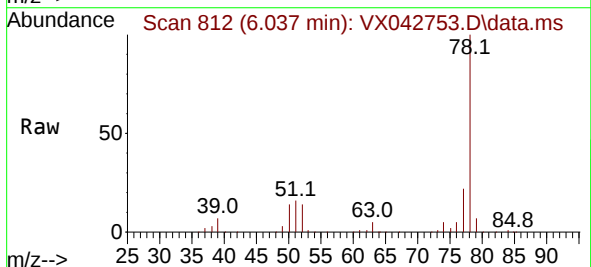
Instrument :
MSVOA_X
ClientSampleId :
E20T0MS

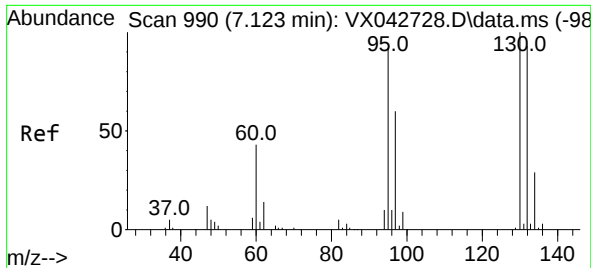
Tgt Ion:117 Resp: 64540
Ion Ratio Lower Upper
117 100
119 94.8 76.2 114.2



#33
Benzene
Concen: 49.053 ug/L
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX042753.D
Acq: 30 Jul 2024 20:34

Tgt Ion: 78 Resp: 190483



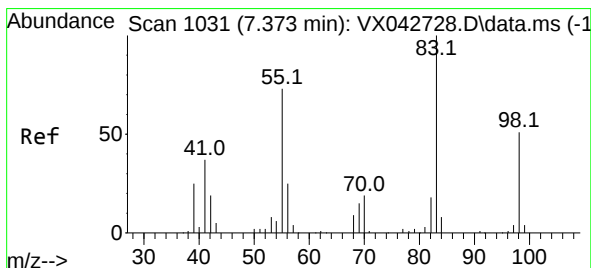
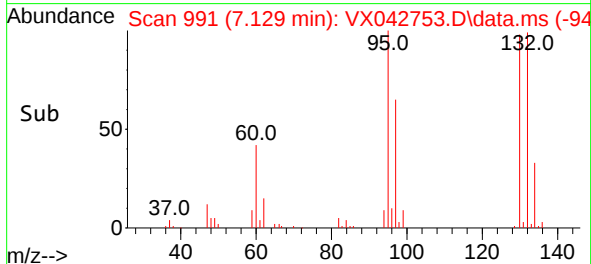
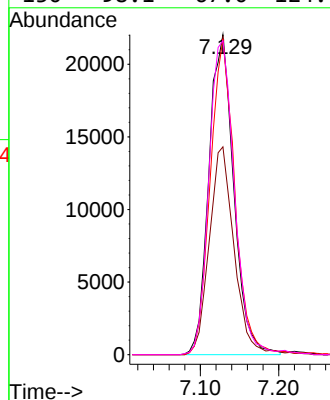
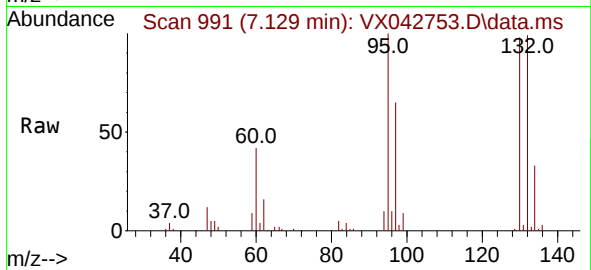


#34
Trichloroethene
Concen: 46.869 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX042753.D
Acq: 30 Jul 2024 20:34

Instrument :
MSVOA_X
ClientSampleId :
E20T0MS

Tgt Ion: 95 Resp: 48625

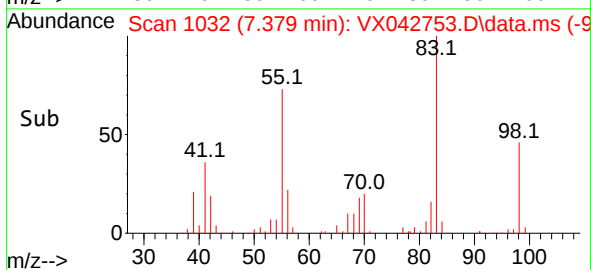
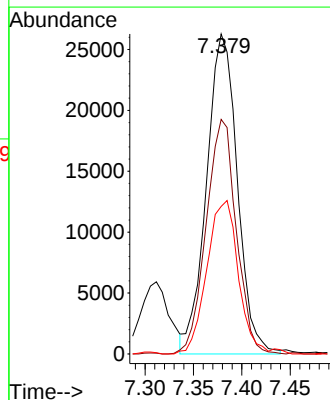
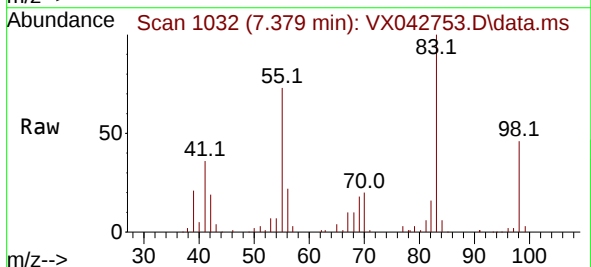
Ion	Ratio	Lower	Upper
95	100		
97	64.9	46.3	86.1
132	98.7	64.3	119.5
130	98.1	67.0	124.4

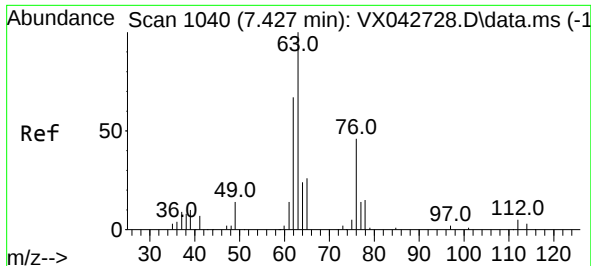


#35
Methylcyclohexane
Concen: 37.148 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. 0.006 min
Lab File: VX042753.D
Acq: 30 Jul 2024 20:34

Tgt Ion: 83 Resp: 58331

Ion	Ratio	Lower	Upper
83	100		
55	71.5	58.2	87.2
98	48.6	38.5	57.7





#37

1,2-Dichloropropane

Concen: 49.481 ug/L

RT: 7.434 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VX042753.D

Acq: 30 Jul 2024 20:34

Instrument :

MSVOA_X

ClientSampleId :

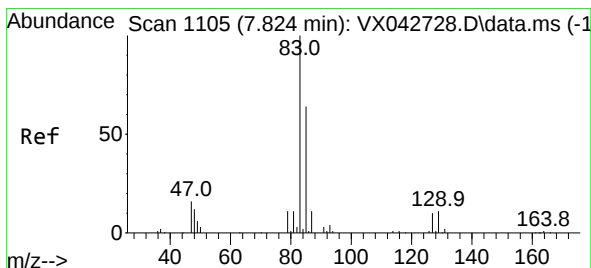
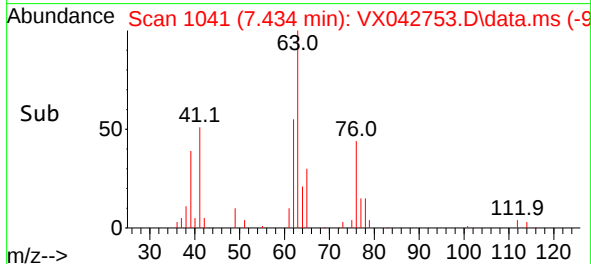
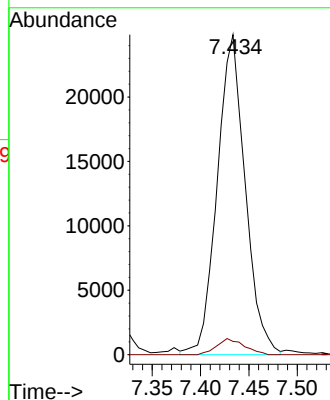
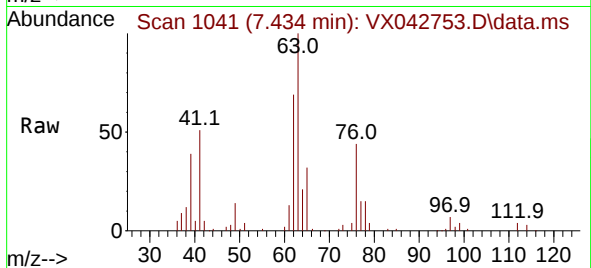
E20T0MS

Tgt Ion: 63 Resp: 49937

Ion Ratio Lower Upper

63 100

112 4.9 3.7 5.5



#38

Bromodichloromethane

Concen: 49.854 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VX042753.D

Acq: 30 Jul 2024 20:34

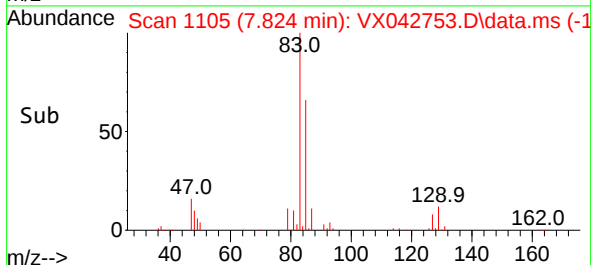
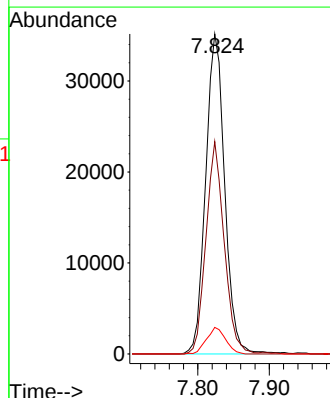
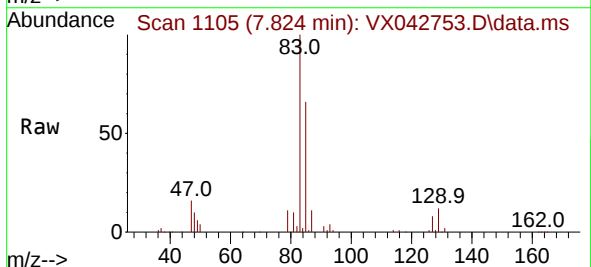
Tgt Ion: 83 Resp: 65029

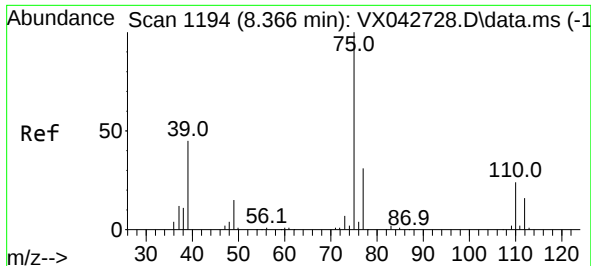
Ion Ratio Lower Upper

83 100

85 66.3 43.7 81.1

127 8.3 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 47.121 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX042753.D

Acq: 30 Jul 2024 20:34

Instrument :

MSVOA_X

ClientSampleId :

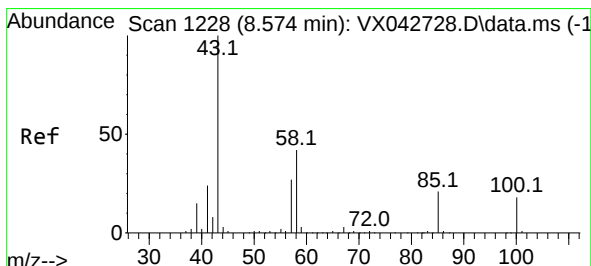
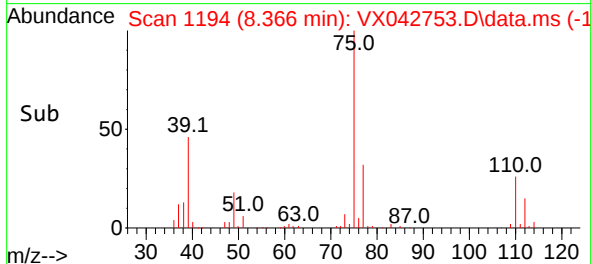
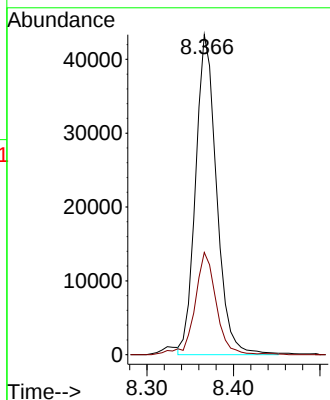
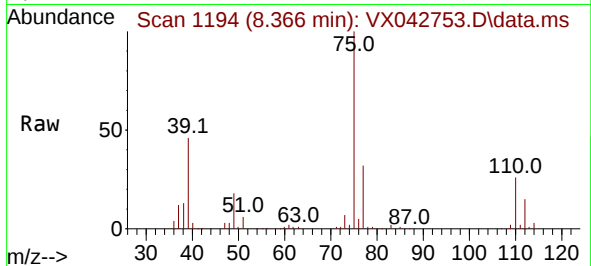
E20TOMS

Tgt Ion: 75 Resp: 72995

Ion Ratio Lower Upper

75 100

77 31.9 21.4 39.8



#40

4-Methyl-2-pentanone

Concen: 102.655 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX042753.D

Acq: 30 Jul 2024 20:34

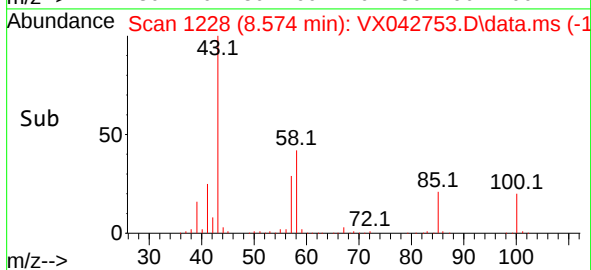
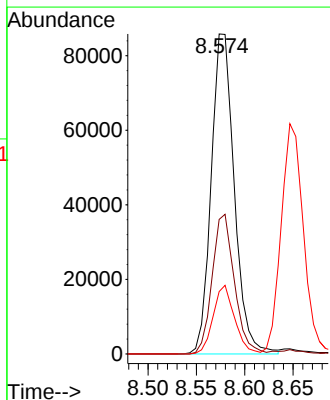
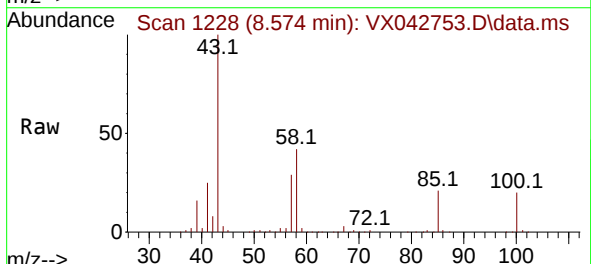
Tgt Ion: 43 Resp: 142537

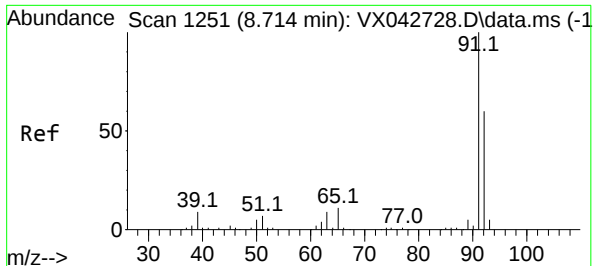
Ion Ratio Lower Upper

43 100

58 42.0 32.4 48.6

100 19.9 13.4 20.0





#42

Toluene

Concen: 49.753 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX042753.D

Acq: 30 Jul 2024 20:34

Instrument :

MSVOA_X

ClientSampleId :

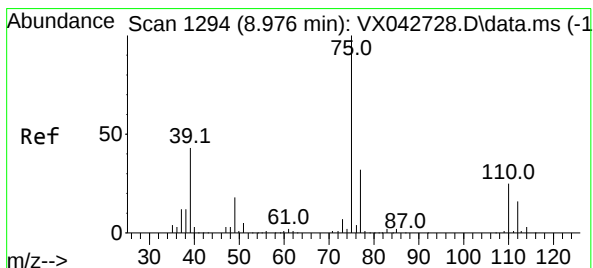
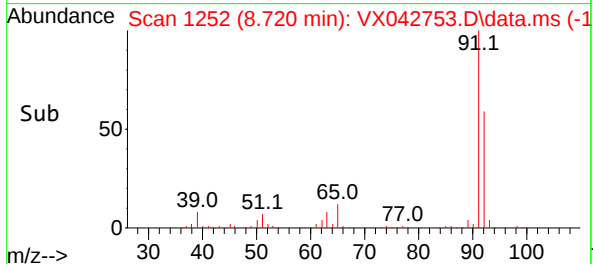
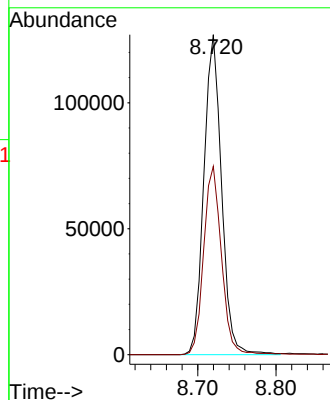
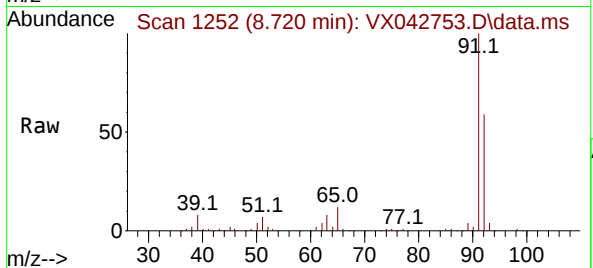
E20T0MS

Tgt Ion: 91 Resp: 198989

Ion Ratio Lower Upper

91 100

92 58.9 41.9 77.7



#44

trans-1,3-Dichloropropene

Concen: 48.752 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX042753.D

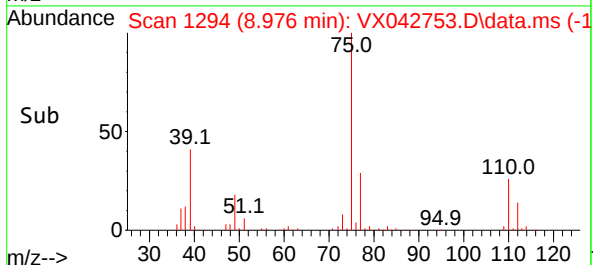
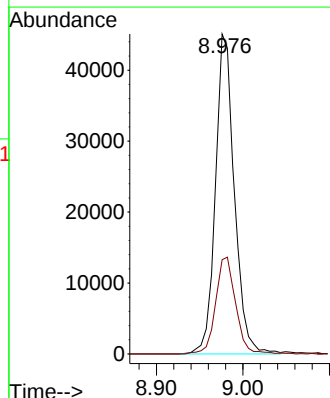
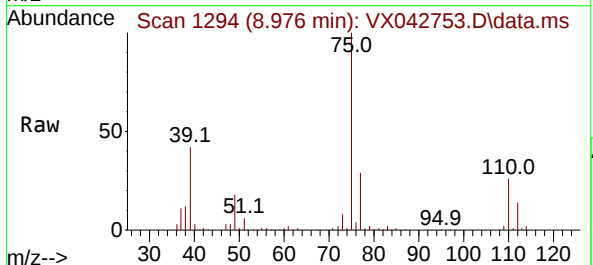
Acq: 30 Jul 2024 20:34

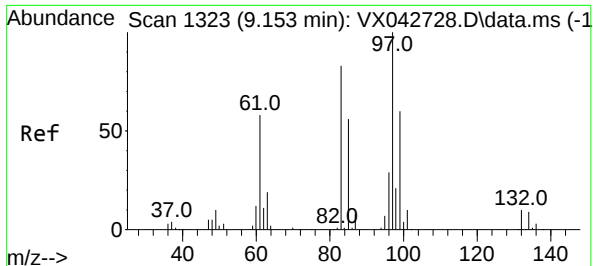
Tgt Ion: 75 Resp: 68459

Ion Ratio Lower Upper

75 100

77 29.4 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 53.467 ug/L

RT: 9.153 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX042753.D

Acq: 30 Jul 2024 20:34

Instrument :

MSVOA_X

ClientSampleId :

E20TOMS

Tgt Ion: 97 Resp: 54499

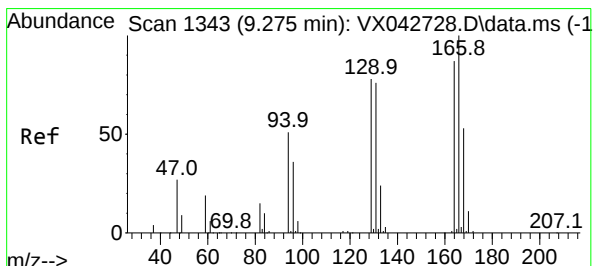
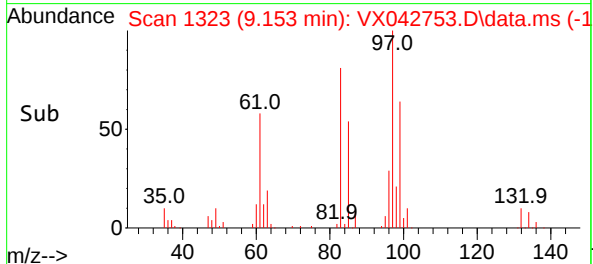
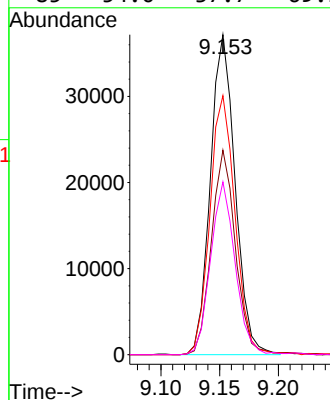
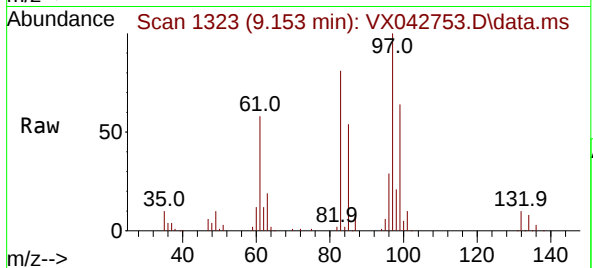
Ion Ratio Lower Upper

97 100

99 63.9 42.6 79.2

83 81.0 59.3 110.1

85 54.0 37.7 69.9



#46

Tetrachloroethene

Concen: 48.819 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX042753.D

Acq: 30 Jul 2024 20:34

Tgt Ion:164 Resp: 34541

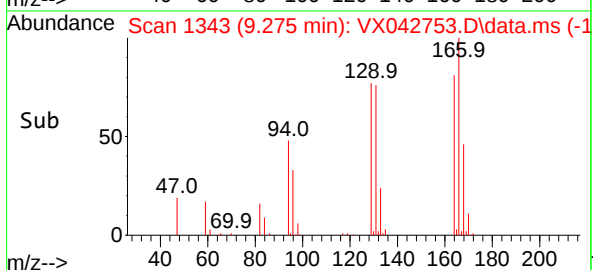
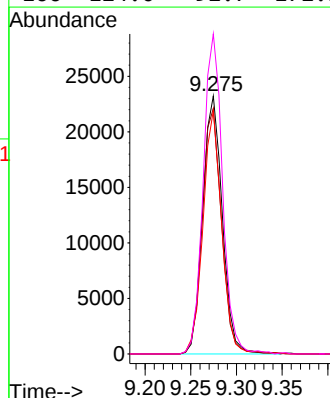
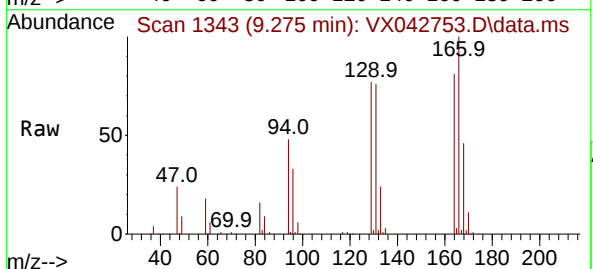
Ion Ratio Lower Upper

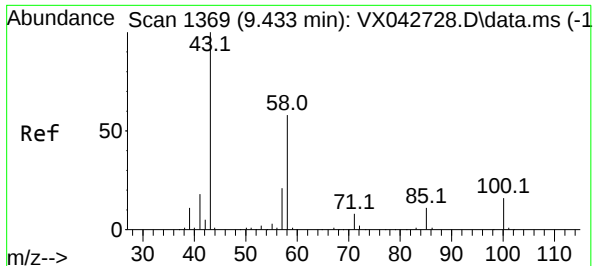
164 100

129 95.1 74.2 137.8

131 94.3 66.9 124.3

166 124.0 92.7 172.1



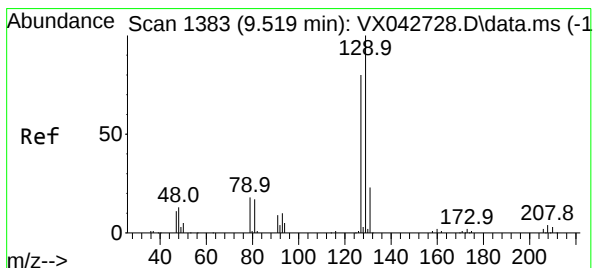
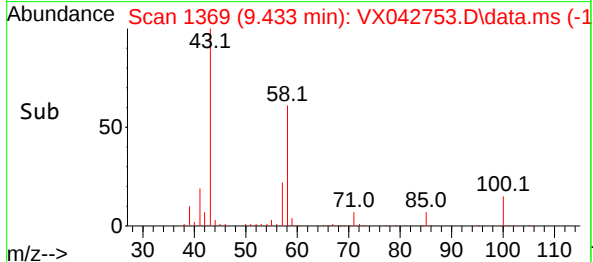
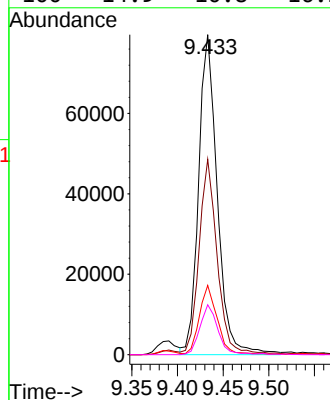
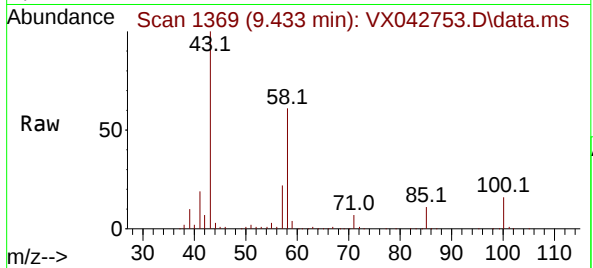


#48
2-Hexanone
Concen: 104.874 ug/L
RT: 9.433 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042753.D
Acq: 30 Jul 2024 20:34

Instrument :
MSVOA_X
ClientSampleId :
E20TOMS

Tgt Ion: 43 Resp: 113252

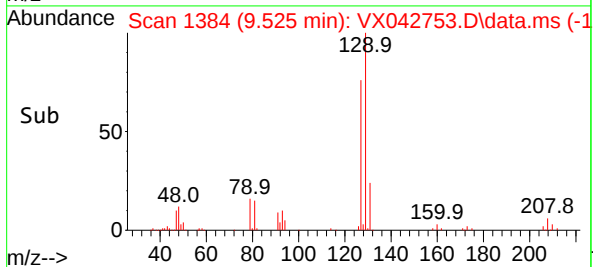
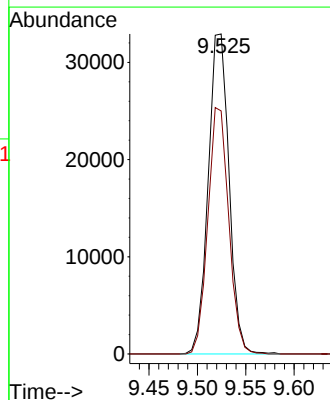
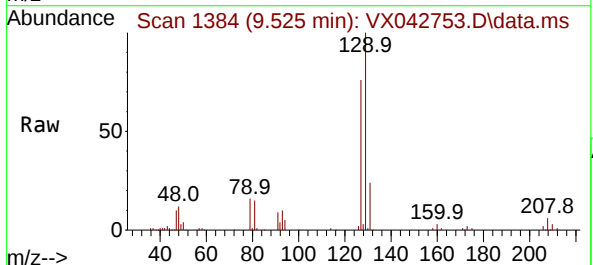
Ion	Ratio	Lower	Upper
43	100		
58	59.1	44.9	67.3
57	20.9	15.8	23.6
100	14.9	10.8	16.2

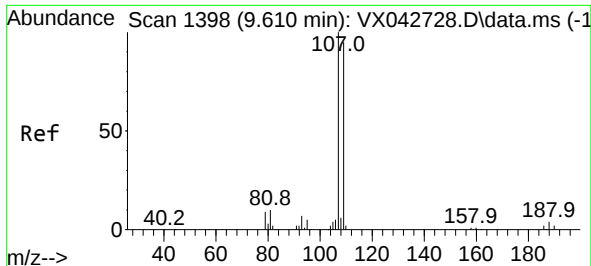


#49
Dibromochloromethane
Concen: 51.948 ug/L
RT: 9.525 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX042753.D
Acq: 30 Jul 2024 20:34

Tgt Ion: 129 Resp: 49445

Ion	Ratio	Lower	Upper
129	100		
127	76.0	57.4	106.6





#50

1,2-Dibromoethane

Concen: 51.238 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VX042753.D

Acq: 30 Jul 2024 20:34

Instrument :

MSVOA_X

ClientSampleId :

E20TOMS

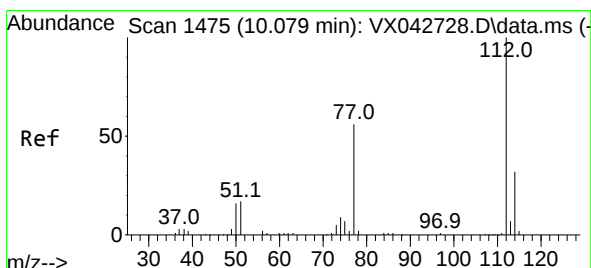
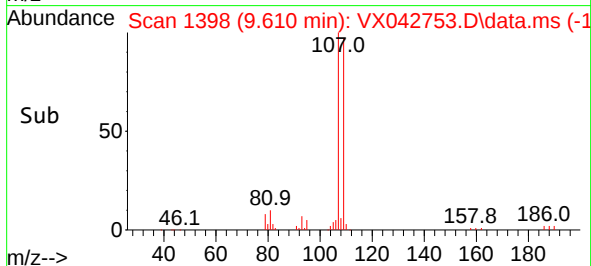
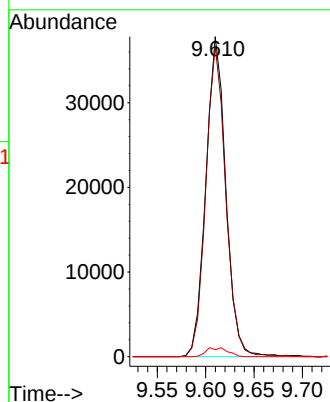
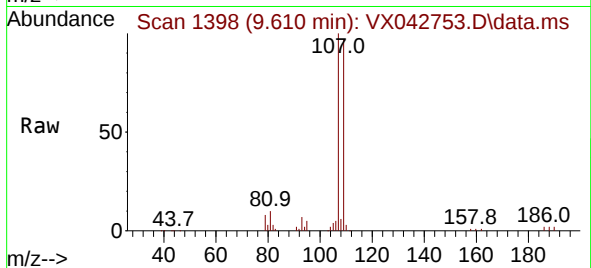
Tgt Ion:107 Resp: 54319

Ion Ratio Lower Upper

107 100

109 97.1 65.4 121.4

188 2.2 2.2 3.2



#51

Chlorobenzene

Concen: 48.654 ug/L

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX042753.D

Acq: 30 Jul 2024 20:34

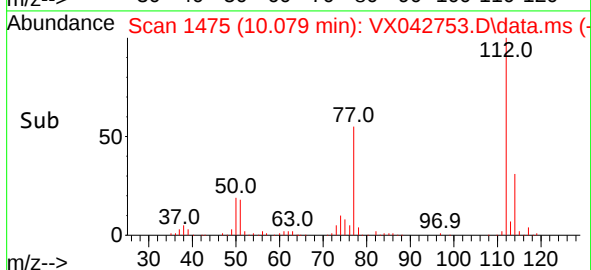
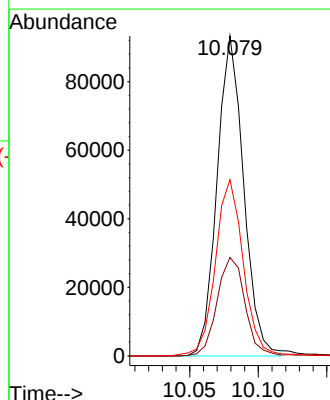
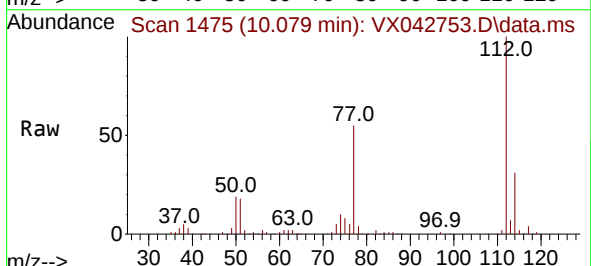
Tgt Ion:112 Resp: 125838

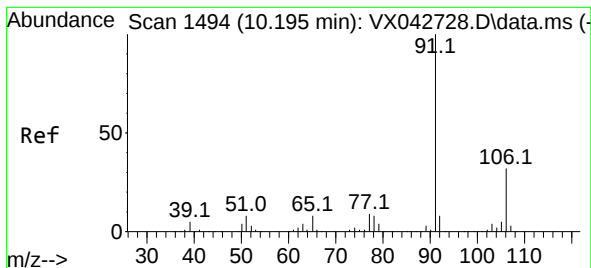
Ion Ratio Lower Upper

112 100

114 30.8 23.2 43.2

77 55.1 46.3 69.5

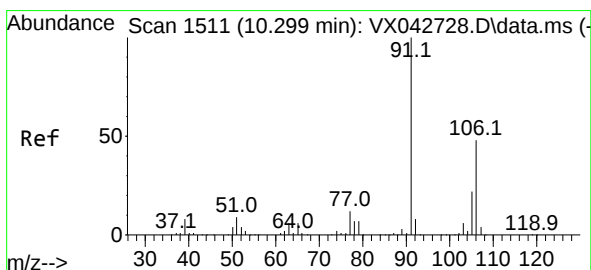
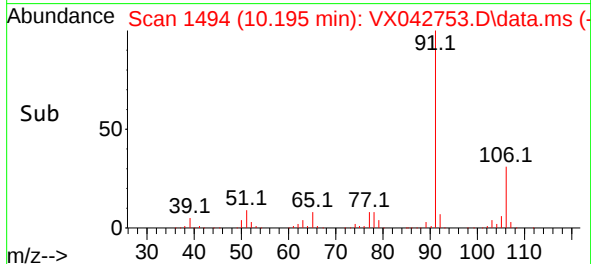
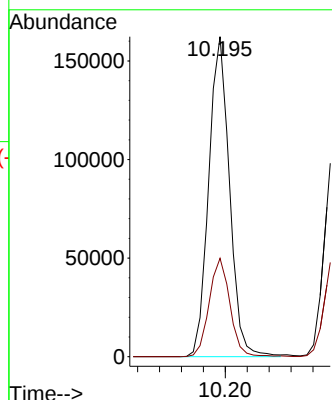
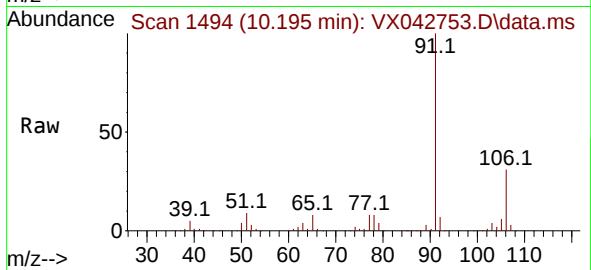




#52
Ethylbenzene
Concen: 48.709 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX042753.D
Acq: 30 Jul 2024 20:34

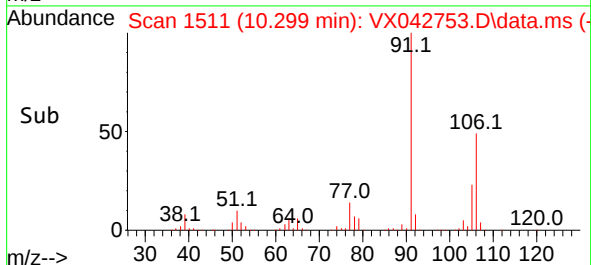
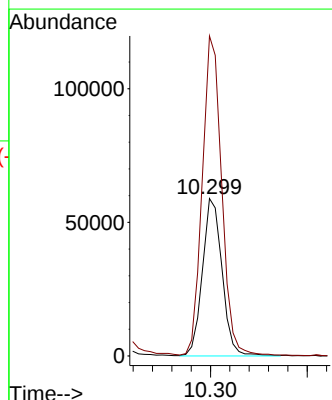
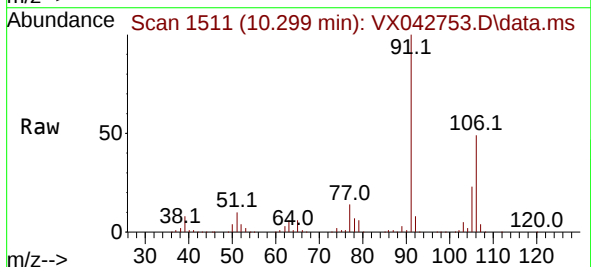
Instrument :
MSVOA_X
ClientSampleId :
E20TOMS

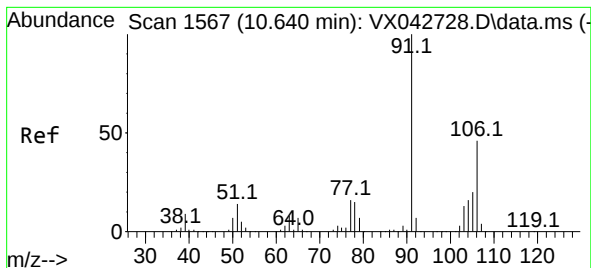
Tgt Ion: 91 Resp: 213674
Ion Ratio Lower Upper
91 100
106 30.8 21.8 40.4



#53
m,p-Xylene
Concen: 50.509 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX042753.D
Acq: 30 Jul 2024 20:34

Tgt Ion: 106 Resp: 83470
Ion Ratio Lower Upper
106 100
91 203.2 146.8 272.6





#54

o-Xylene

Concen: 51.448 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX042753.D

Acq: 30 Jul 2024 20:34

Instrument :

MSVOA_X

ClientSampleId :

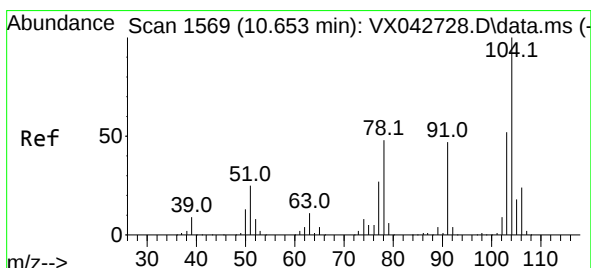
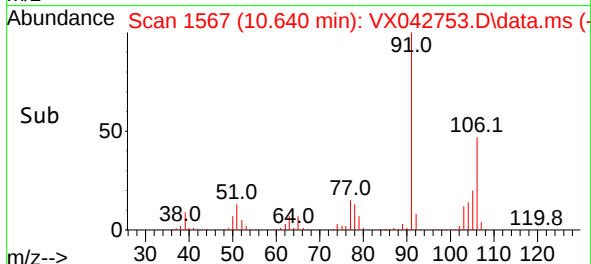
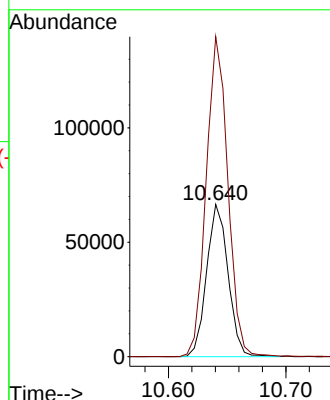
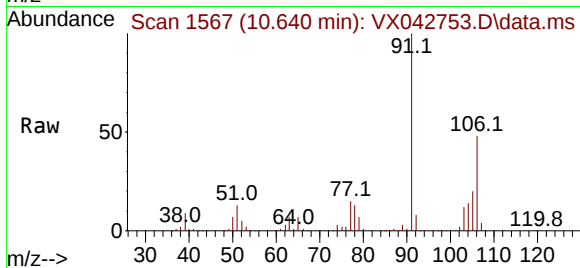
E20TOMS

Tgt Ion:106 Resp: 84578

Ion Ratio Lower Upper

106 100

91 210.2 154.6 287.2



#55

Styrene

Concen: 50.538 ug/L

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX042753.D

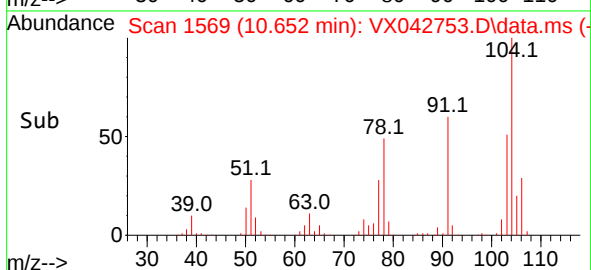
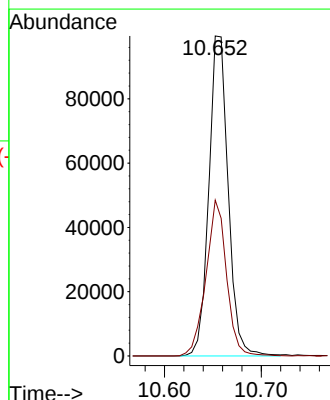
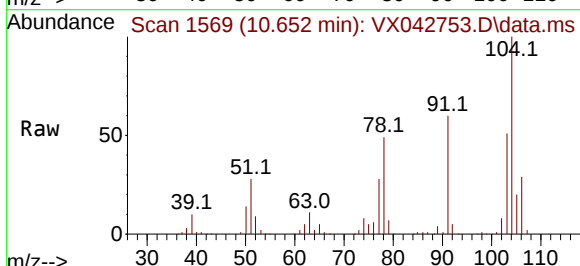
Acq: 30 Jul 2024 20:34

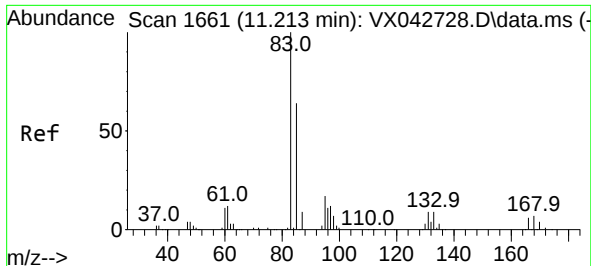
Tgt Ion:104 Resp: 138495

Ion Ratio Lower Upper

104 100

78 48.7 32.6 60.5





#57

1,1,2,2-Tetrachloroethane

Concen: 52.630 ug/L

RT: 11.213 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX042753.D

Acq: 30 Jul 2024 20:34

Instrument :

MSVOA_X

ClientSampleId :

E20T0MS

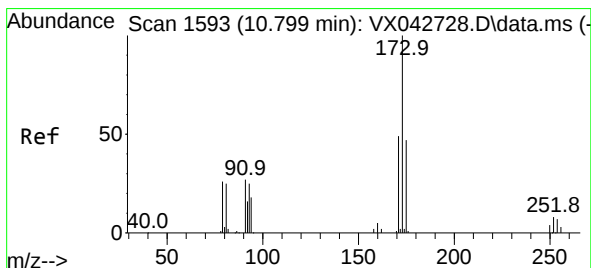
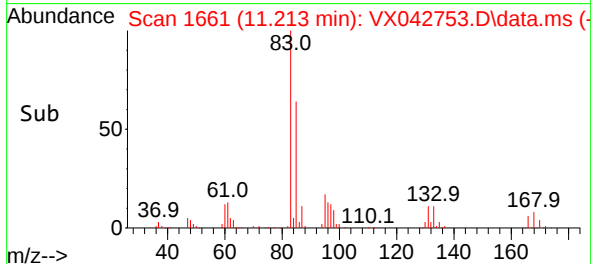
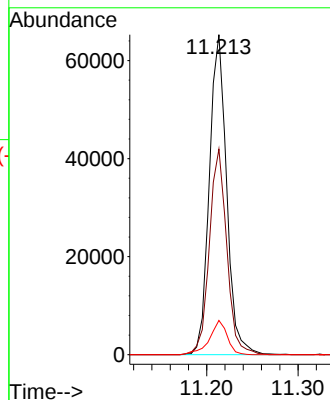
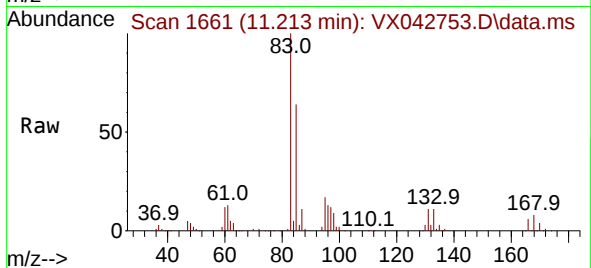
Tgt Ion: 83 Resp: 85788

Ion Ratio Lower Upper

83 100

85 64.2 46.1 85.5

131 10.7 8.6 13.0



#59

Bromoform

Concen: 50.440 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX042753.D

Acq: 30 Jul 2024 20:34

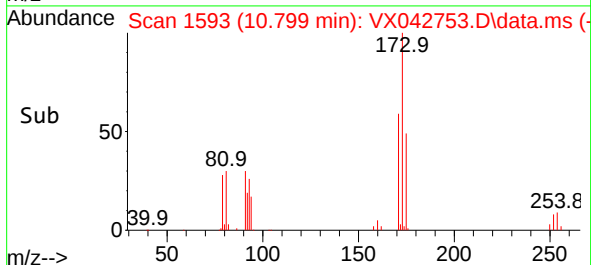
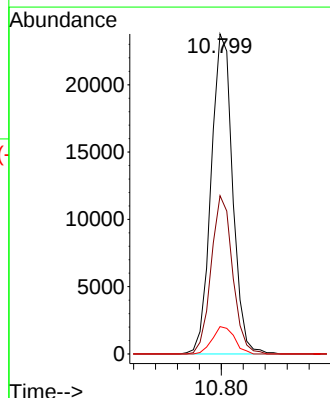
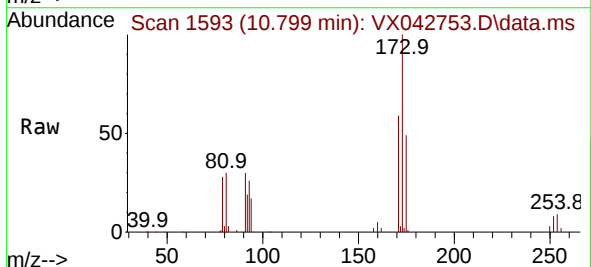
Tgt Ion:173 Resp: 32331

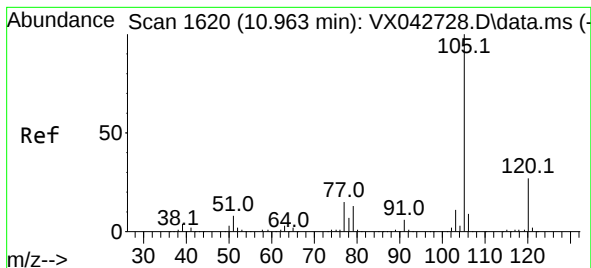
Ion Ratio Lower Upper

173 100

175 49.3 37.4 56.2

254 8.8 6.8 10.2





#60

Isopropylbenzene

Concen: 48.536 ug/L

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX042753.D

Acq: 30 Jul 2024 20:34

Instrument :

MSVOA_X

ClientSampleId :

E20TOMS

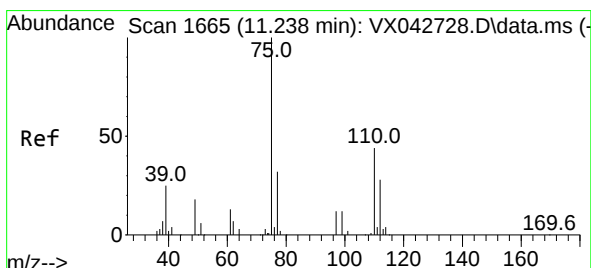
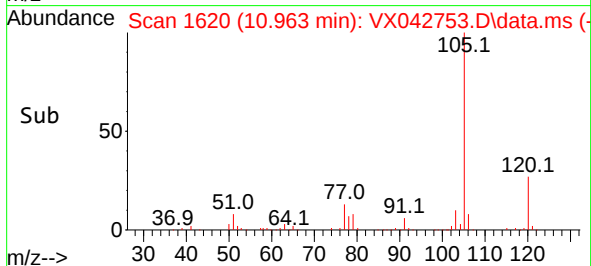
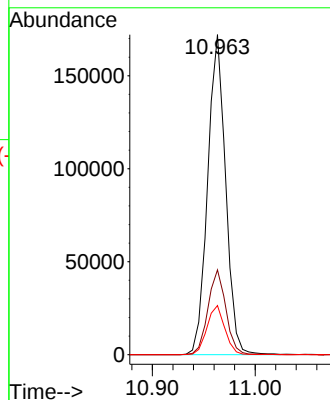
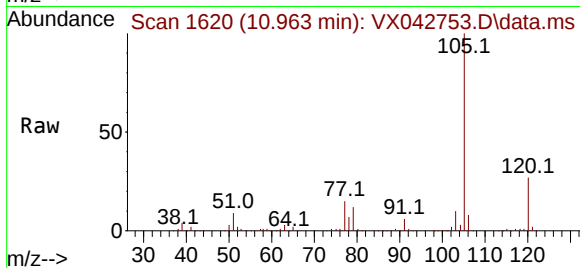
Tgt Ion:105 Resp: 209469

Ion Ratio Lower Upper

105 100

120 26.4 21.0 31.6

77 15.2 12.9 19.3



#61

1,2,3-Trichloropropane

Concen: 49.933 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX042753.D

Acq: 30 Jul 2024 20:34

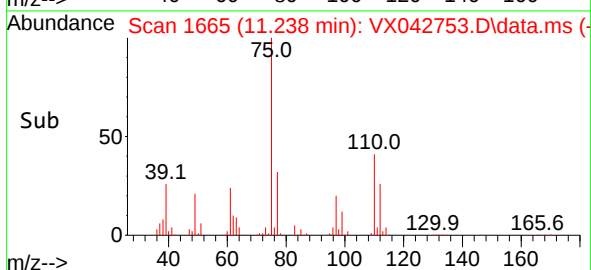
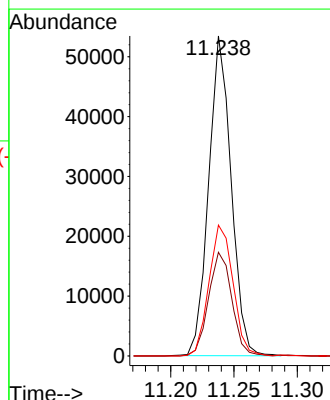
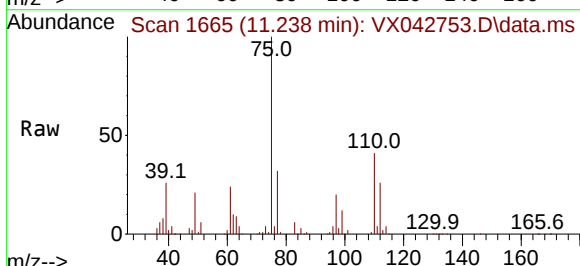
Tgt Ion: 75 Resp: 65981

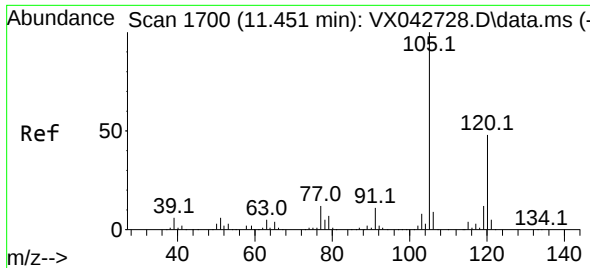
Ion Ratio Lower Upper

75 100

77 33.7 26.2 39.4

110 43.9 33.0 49.4

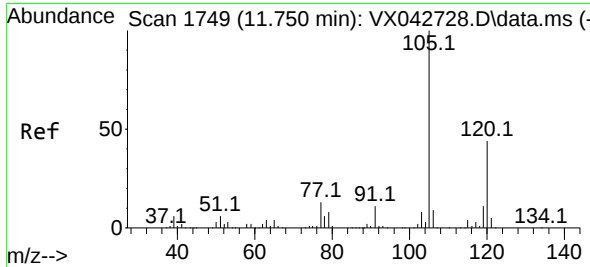
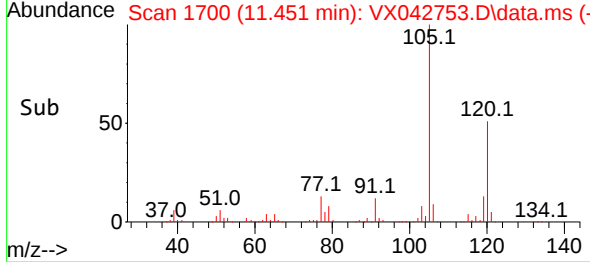
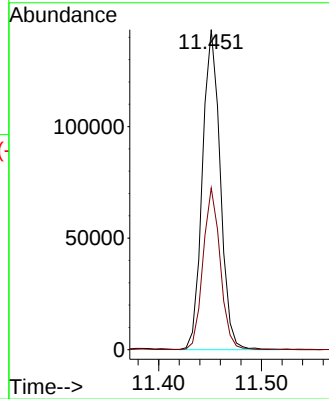
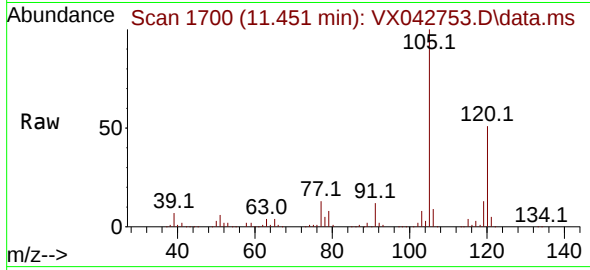




#62
1,3,5-Trimethylbenzene
Concen: 48.335 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX042753.D
Acq: 30 Jul 2024 20:34

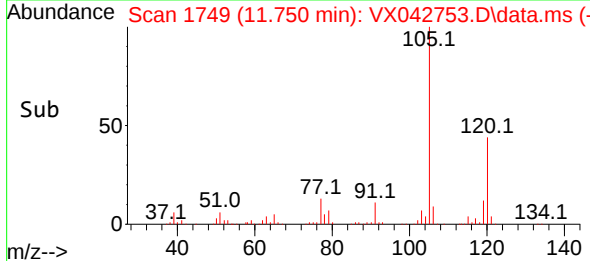
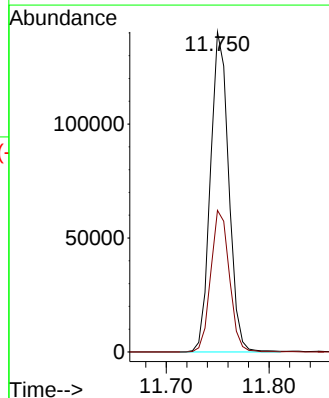
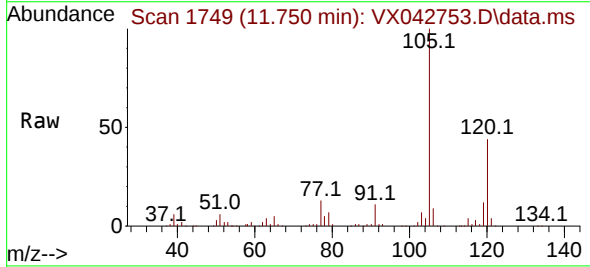
Instrument :
MSVOA_X
ClientSampleId :
E20T0MS

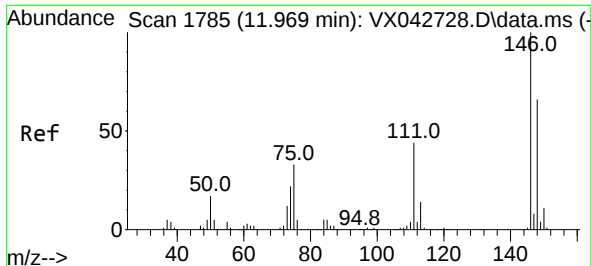
Tgt Ion:105 Resp: 173490
Ion Ratio Lower Upper
105 100
120 48.8 38.2 57.2



#63
1,2,4-Trimethylbenzene
Concen: 48.897 ug/L
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX042753.D
Acq: 30 Jul 2024 20:34

Tgt Ion:105 Resp: 173299
Ion Ratio Lower Upper
105 100
120 44.9 35.2 52.8

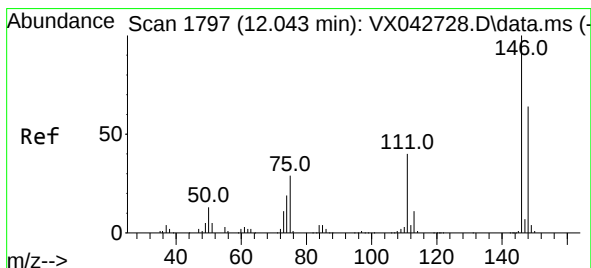
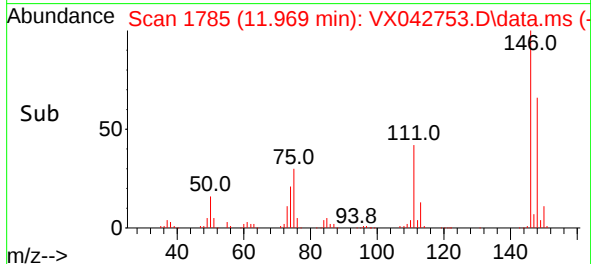
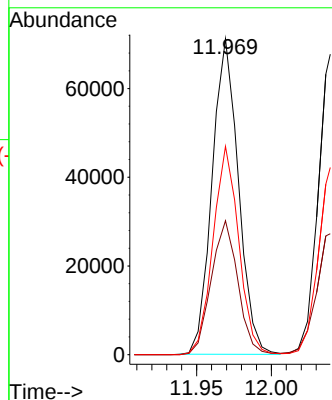
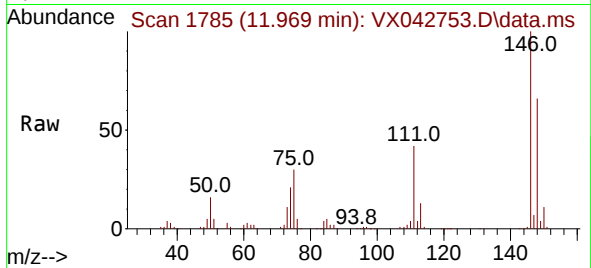




#64
1,3-Dichlorobenzene
Concen: 46.866 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX042753.D
Acq: 30 Jul 2024 20:34

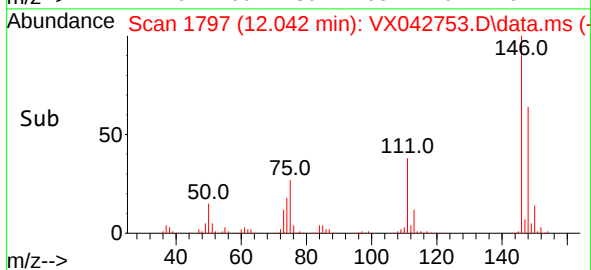
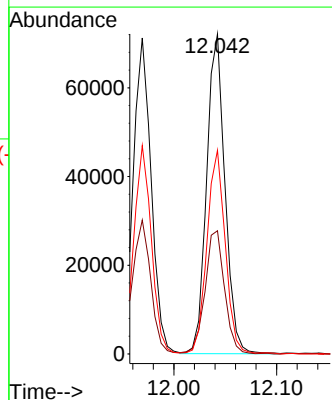
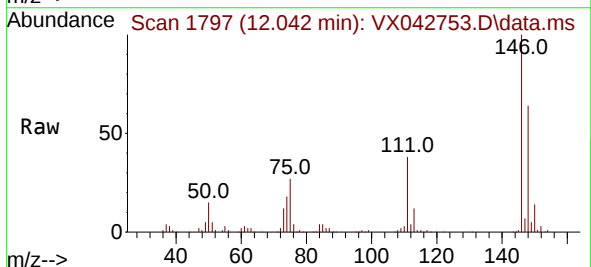
Instrument :
MSVOA_X
ClientSampleId :
E20TOMS

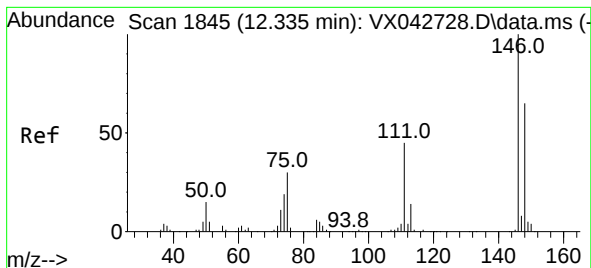
Tgt Ion:146 Resp: 86989
Ion Ratio Lower Upper
146 100
111 42.4 30.4 56.5
148 66.0 47.7 88.7



#65
1,4-Dichlorobenzene
Concen: 47.804 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX042753.D
Acq: 30 Jul 2024 20:34

Tgt Ion:146 Resp: 89370
Ion Ratio Lower Upper
146 100
111 38.5 27.9 51.7
148 63.6 44.1 81.9





#67

1,2-Dichlorobenzene

Concen: 48.417 ug/L

RT: 12.335 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX042753.D

Acq: 30 Jul 2024 20:34

Instrument :

MSVOA_X

ClientSampleId :

E20T0MS

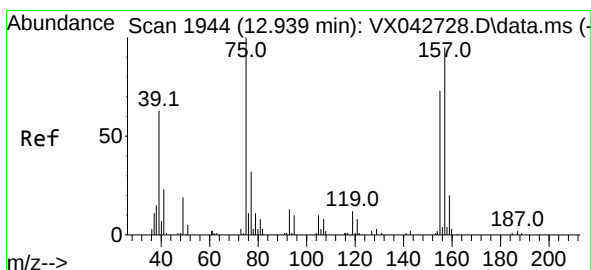
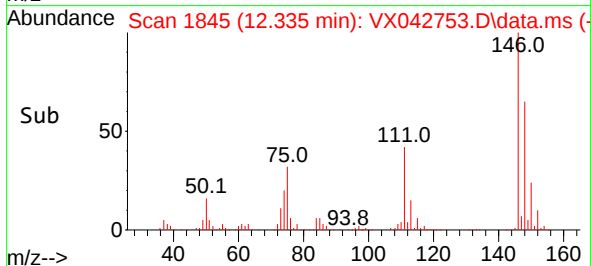
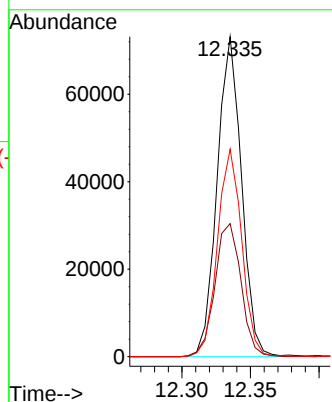
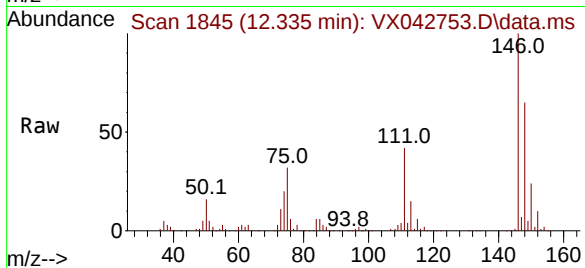
Tgt Ion:146 Resp: 90493

Ion Ratio Lower Upper

146 100

111 41.6 35.3 52.9

148 64.8 52.7 79.1



#68

1,2-Dibromo-3-chloropropane

Concen: 51.388 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. 0.006 min

Lab File: VX042753.D

Acq: 30 Jul 2024 20:34

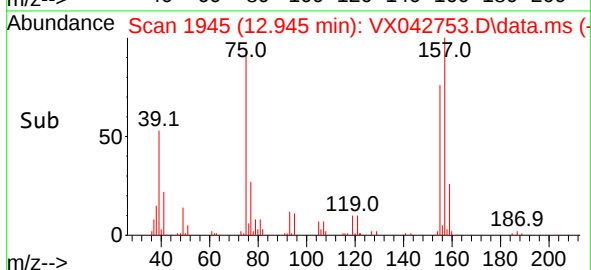
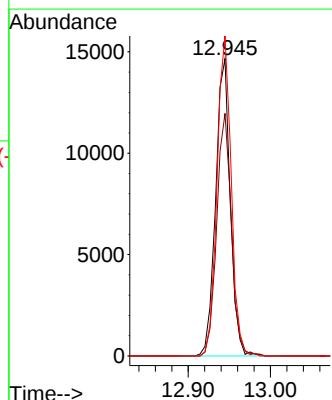
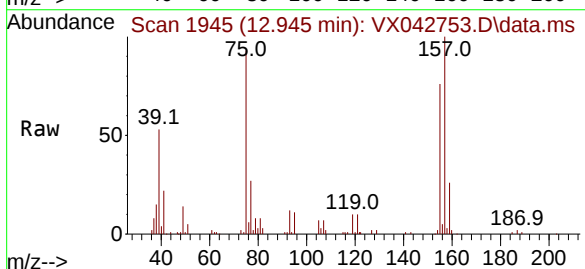
Tgt Ion: 75 Resp: 18090

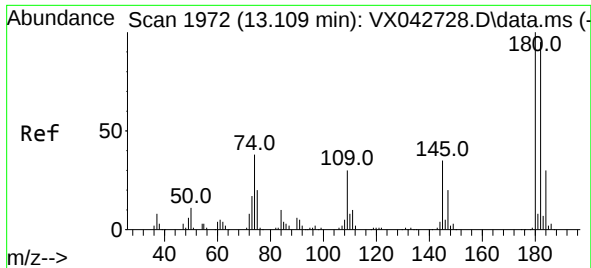
Ion Ratio Lower Upper

75 100

155 81.6 65.1 97.7

157 107.6 85.8 128.6

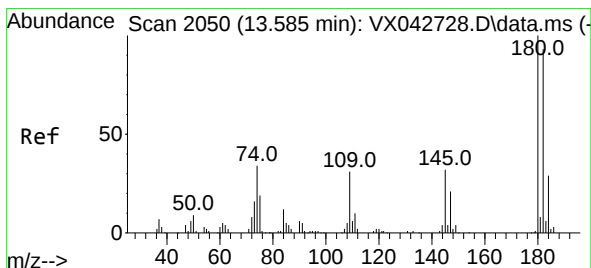
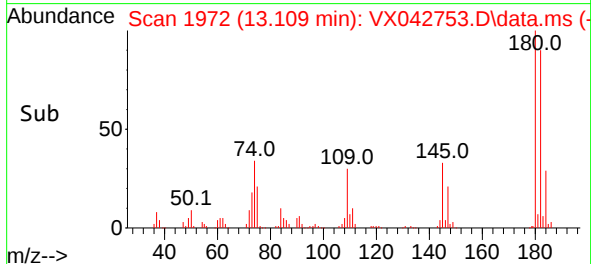
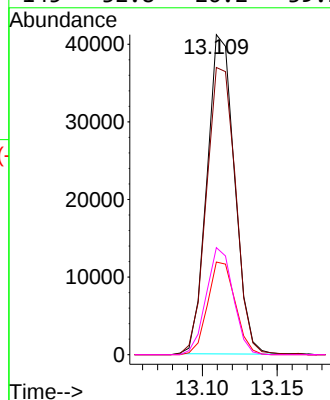
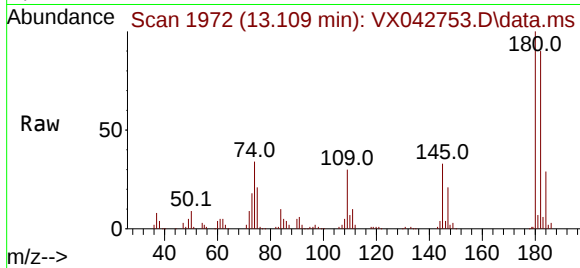




#69
 1,3,5-Trichlorobenzene
 Concen: 45.748 ug/L
 RT: 13.109 min Scan# 1972
 Delta R.T. -0.000 min
 Lab File: VX042753.D
 Acq: 30 Jul 2024 20:34

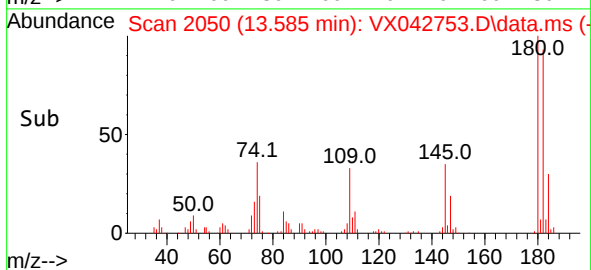
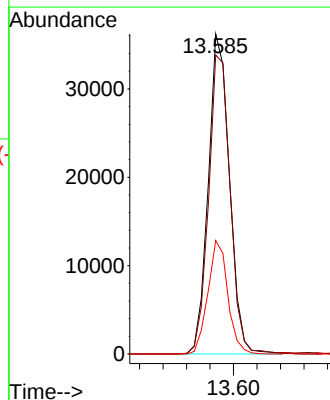
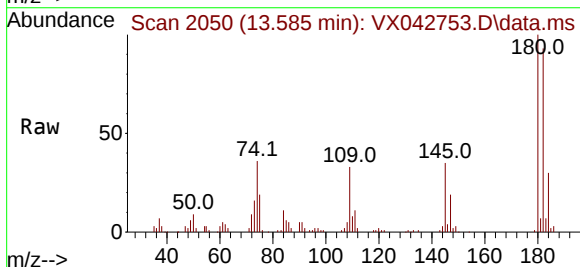
Instrument :
 MSVOA_X
 ClientSampleId :
 E20TOMS

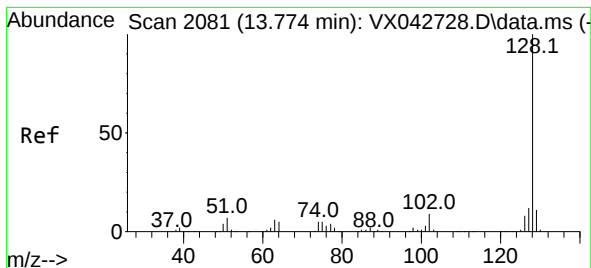
Tgt Ion:180	Resp:	52668
Ion Ratio	Lower	Upper
180	100	
182	95.2	75.4 113.0
184	29.1	23.4 35.0
145	32.8	26.2 39.2



#70
 1,2,4-trichlorobenzene
 Concen: 44.880 ug/L
 RT: 13.585 min Scan# 2050
 Delta R.T. -0.000 min
 Lab File: VX042753.D
 Acq: 30 Jul 2024 20:34

Tgt Ion:180	Resp:	45311
Ion Ratio	Lower	Upper
180	100	
182	94.5	77.0 115.4
145	33.4	27.0 40.6

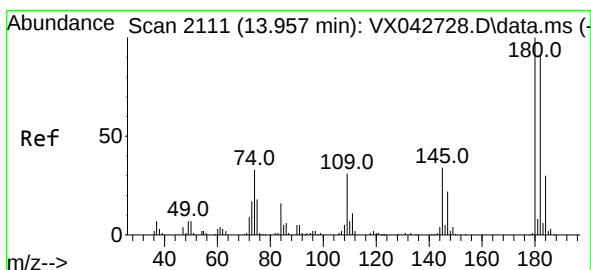
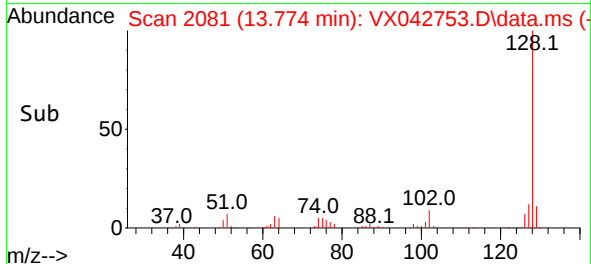
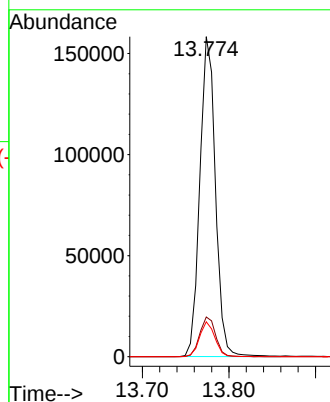
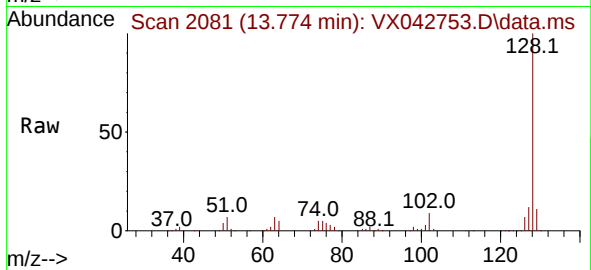




#71
Naphthalene
Concen: 50.799 ug/L
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX042753.D
Acq: 30 Jul 2024 20:34

Instrument :
MSVOA_X
ClientSampleId :
E20TOMS

Tgt Ion:128 Resp: 197838
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.7 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 49.200 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX042753.D
Acq: 30 Jul 2024 20:34

Tgt Ion:180 Resp: 51453
Ion Ratio Lower Upper
180 100
182 90.8 76.2 114.2
145 33.6 27.6 41.4

