

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121521\
 Data File : VX025805.D
 Acq On : 15 Dec 2021 10:07
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 16 00:31:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML112221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sun Dec 12 06:39:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	182098	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	182417	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	99998	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	52183	41.990	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.980%
7) Chloroethane-d5	1.666	69	46012	44.860	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.720%
11) 1,1-Dichloroethene-d2	2.306	63	99818	50.375	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.760%
21) 2-Butanone-d5	4.452	46	89473	96.718	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.720%
24) Chloroform-d	5.056	84	116045	53.429	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.860%
26) 1,2-Dichloroethane-d4	5.952	65	72551	53.591	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.180%
32) Benzene-d6	5.970	84	213856	44.234	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.460%
36) 1,2-Dichloropropane-d6	7.306	67	67162	44.869	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.740%
41) Toluene-d8	8.647	98	199291	43.672	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.340%
43) trans-1,3-Dichloroprop...	8.952	79	29649	39.397	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.800%
47) 2-Hexanone-d5	9.384	63	65801	84.450	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.450%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	104352	49.328	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.660%
66) 1,2-Dichlorobenzene-d4	12.323	152	84531	43.099	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	49384	46.214	ug/L	98
3) Chloromethane	1.294	50	51100	46.331	ug/L	99
5) Vinyl chloride	1.374	62	57886	44.956	ug/L	100
6) Bromomethane	1.599	94	38072	56.520	ug/L	97
8) Chloroethane	1.685	64	40177	46.839	ug/L	98
9) Trichlorofluoromethane	1.886	101	105979	52.744	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	58769	55.694	ug/L	92
12) 1,1-Dichloroethene	2.319	96	48454	49.552	ug/L	87
13) Acetone	2.380	43	93776	123.281	ug/L	96
14) Carbon disulfide	2.514	76	101231	42.103	ug/L	100
15) Methyl Acetate	2.703	43	65137	52.985	ug/L #	90
16) Methylene chloride	2.788	84	60367	53.376	ug/L	93
17) trans-1,2-Dichloroethene	3.093	96	53675	50.986	ug/L	94
18) Methyl tert-butyl Ether	3.117	73	193261	54.012	ug/L	98
19) 1,1-Dichloroethane	3.605	63	108230	57.407	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	67352	54.291	ug/L	97
22) 2-Butanone	4.556	43	115244	114.558	ug/L	97
23) Bromochloromethane	4.897	128	34697	52.940	ug/L	96
25) Chloroform	5.093	83	122754	59.830	ug/L	99

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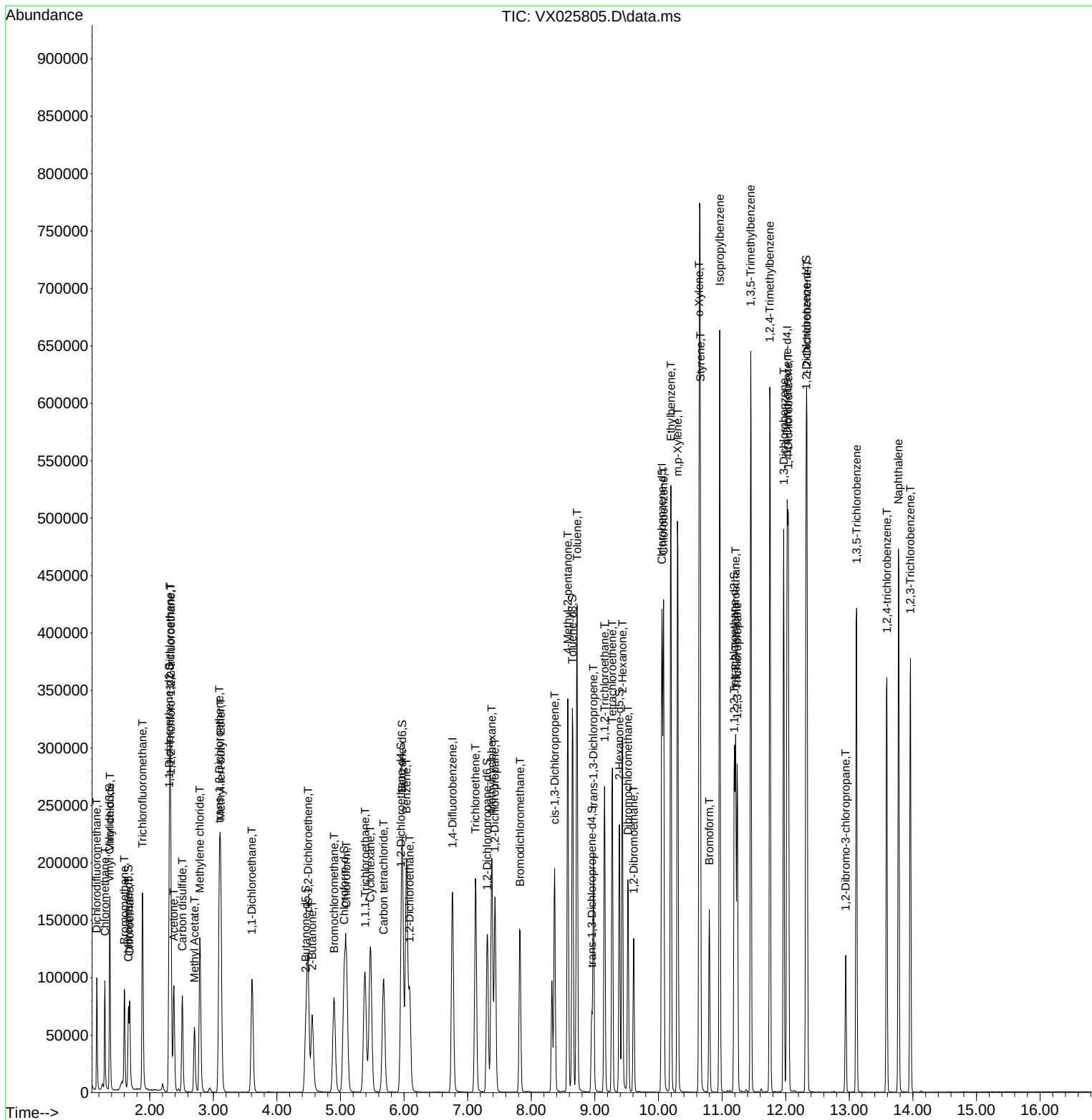
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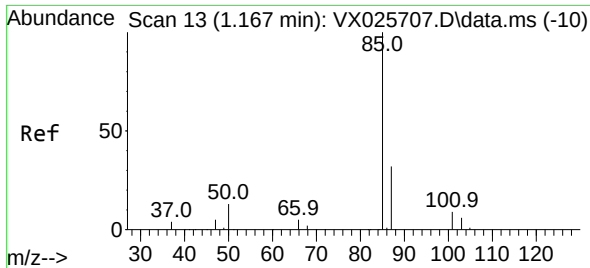
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	92125	61.735	ug/L	99
29) Cyclohexane	5.471	56	84220	45.065	ug/L	98
30) 1,1,1-Trichloroethane	5.385	97	103232	51.264	ug/L	98
31) Carbon tetrachloride	5.678	117	87823	48.839	ug/L	99
33) Benzene	6.037	78	243101	49.885	ug/L	100
34) Trichloroethene	7.123	95	64329	50.188	ug/L	96
35) Methylcyclohexane	7.379	83	93203	46.200	ug/L	98
37) 1,2-Dichloropropane	7.427	63	64049	52.399	ug/L	99
38) Bromodichloromethane	7.824	83	90679	53.271	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	97463	48.955	ug/L	100
40) 4-Methyl-2-pentanone	8.574	43	197527	101.201	ug/L	97
42) Toluene	8.720	91	273117	50.819	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	91753	47.951	ug/L	97
45) 1,1,2-Trichloroethane	9.153	97	68905	53.121	ug/L	98
46) Tetrachloroethene	9.275	164	51408	47.292	ug/L	99
48) 2-Hexanone	9.433	43	164962	105.230	ug/L	97
49) Dibromochloromethane	9.519	129	76801	51.370	ug/L	99
50) 1,2-Dibromoethane	9.610	107	70932	51.307	ug/L	98
51) Chlorobenzene	10.079	112	184693	52.098	ug/L	100
52) Ethylbenzene	10.195	91	306098	52.995	ug/L	99
53) m,p-Xylene	10.299	106	120142	51.351	ug/L	94
54) o-Xylene	10.640	106	120335	51.381	ug/L	95
55) Styrene	10.659	104	210170	54.006	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	108734	54.286	ug/L	97
59) Bromoform	10.799	173	52804	42.796	ug/L	98
60) Isopropylbenzene	10.963	105	324506	50.494	ug/L	97
61) 1,2,3-Trichloropropane	11.238	75	85915	50.224	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	272064	50.615	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	273306	50.324	ug/L #	80
64) 1,3-Dichlorobenzene	11.969	146	150432	50.977	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	150196	50.388	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	150703	50.505	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	21900	46.065	ug/L	87
69) 1,3,5-Trichlorobenzene	13.115	180	102874	47.921	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	85475	47.368	ug/L	97
71) Naphthalene	13.774	128	296066	48.405	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	88980	48.134	ug/L	99

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

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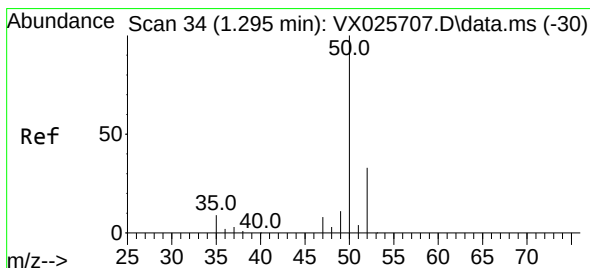
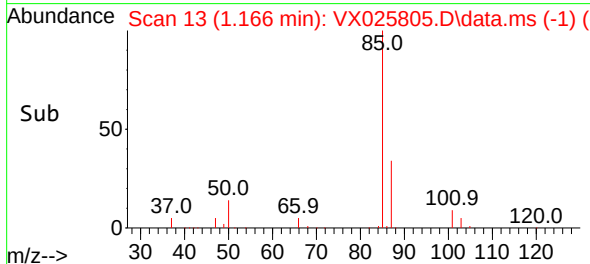
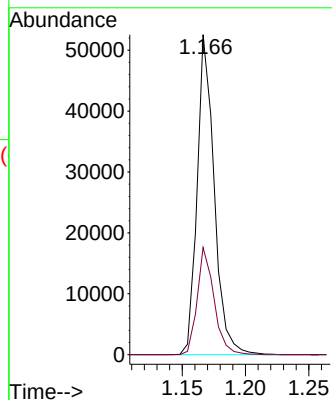
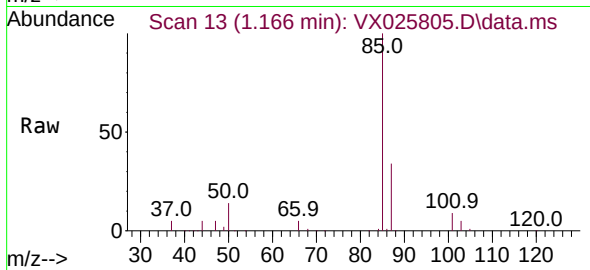




#2
 Dichlorodifluoromethane
 Concen: 46.214 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX025805.D
 Acq: 15 Dec 2021 10:07

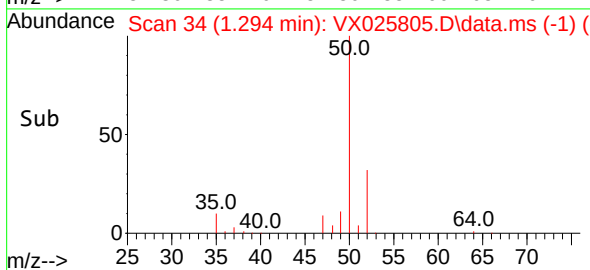
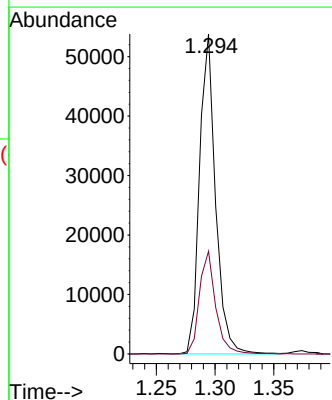
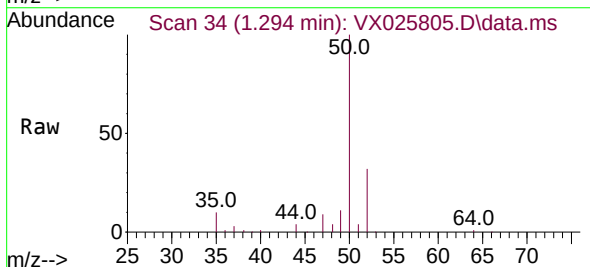
Instrument :
 MSVOA_X
 ClientSampleId :

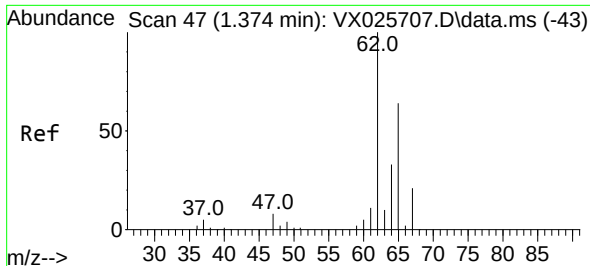
Tgt Ion: 85 Resp: 49384
 Ion Ratio Lower Upper
 85 100
 87 33.1 25.8 38.6



#3
 Chloromethane
 Concen: 46.331 ug/L
 RT: 1.294 min Scan# 34
 Delta R.T. -0.000 min
 Lab File: VX025805.D
 Acq: 15 Dec 2021 10:07

Tgt Ion: 50 Resp: 51100
 Ion Ratio Lower Upper
 50 100
 52 32.1 22.0 40.8

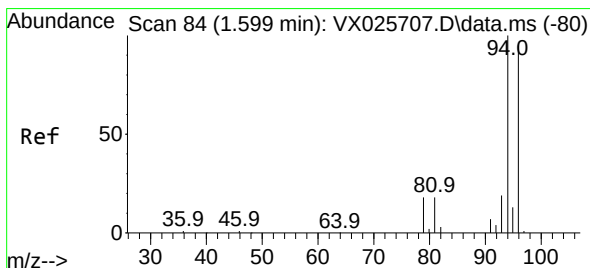
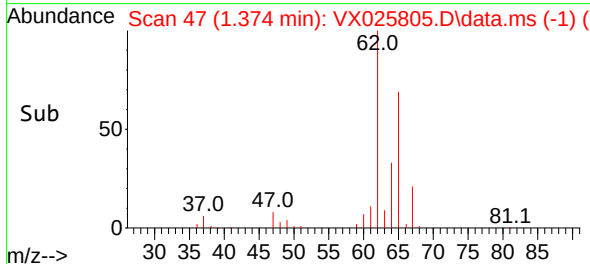
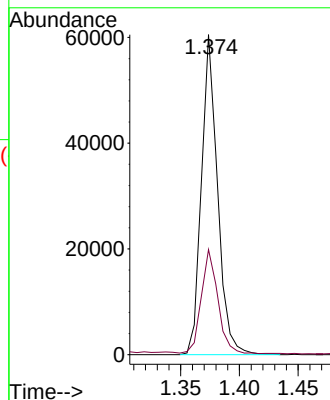
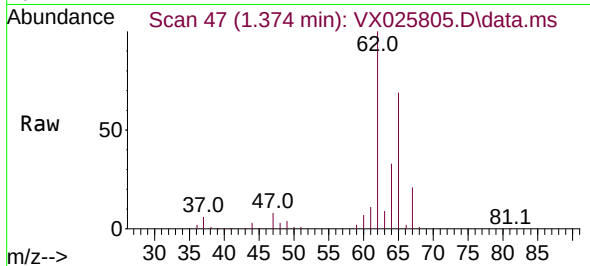




#5
 Vinyl chloride
 Concen: 44.956 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX025805.D
 Acq: 15 Dec 2021 10:07

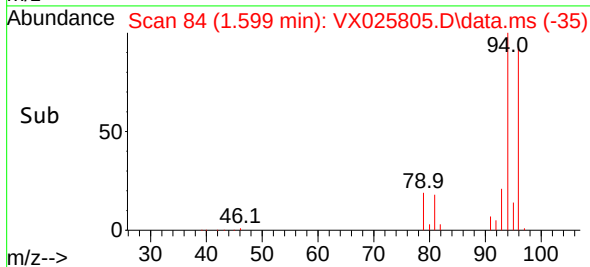
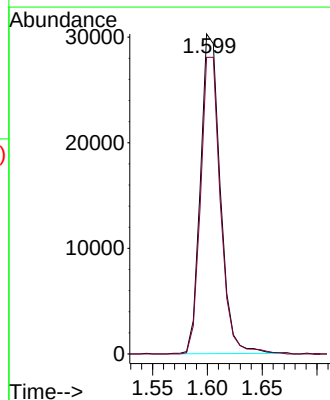
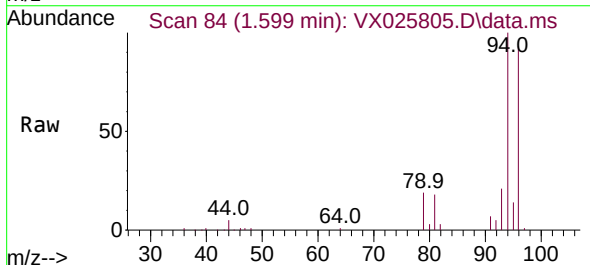
Instrument :
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 ClientSampleId :

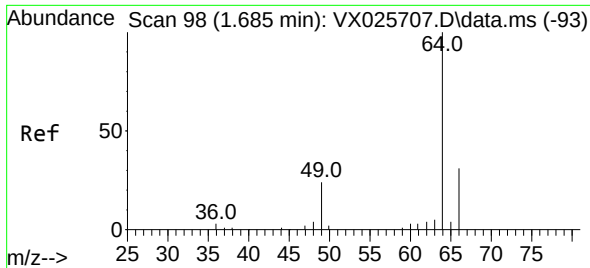
Tgt Ion: 62 Resp: 57886
 Ion Ratio Lower Upper
 62 100
 64 32.9 22.9 42.5



#6
 Bromomethane
 Concen: 56.520 ug/L
 RT: 1.599 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VX025805.D
 Acq: 15 Dec 2021 10:07

Tgt Ion: 94 Resp: 38072
 Ion Ratio Lower Upper
 94 100
 96 92.7 66.7 123.9

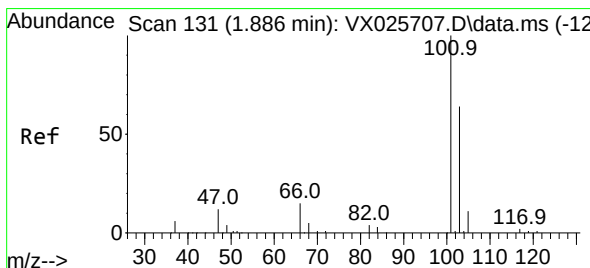
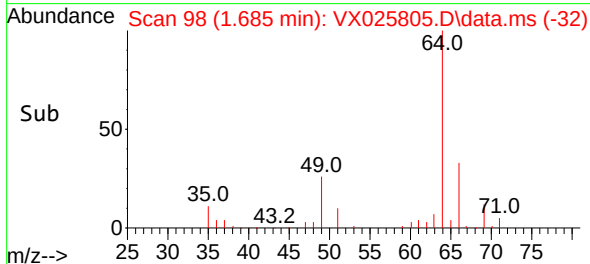
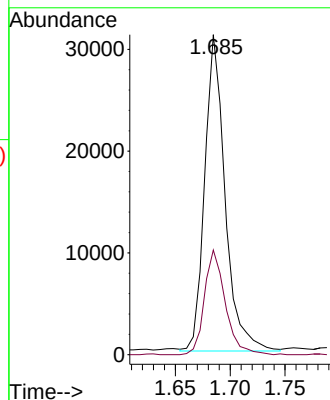
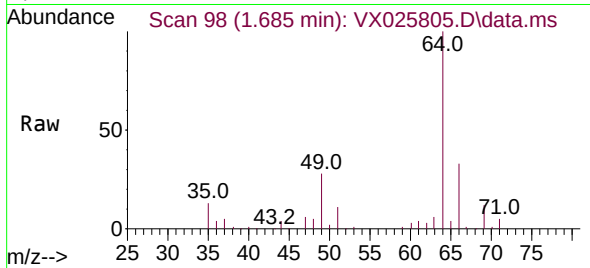




#8
Chloroethane
Concen: 46.839 ug/L
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX025805.D
Acq: 15 Dec 2021 10:07

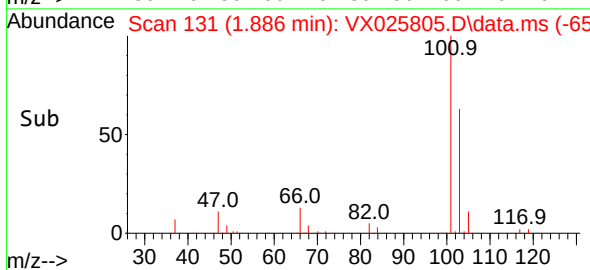
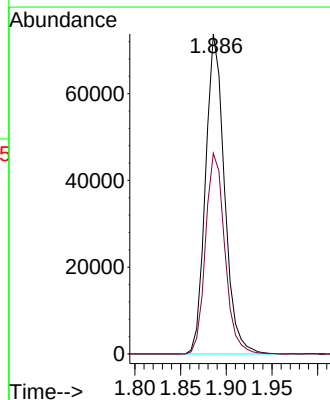
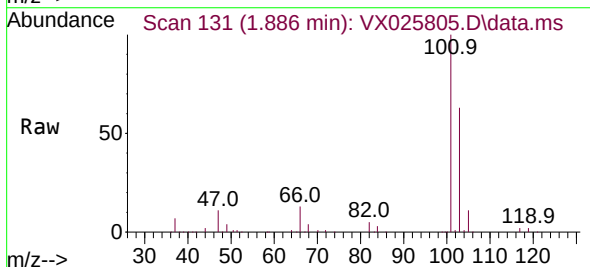
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ClientSampleId :

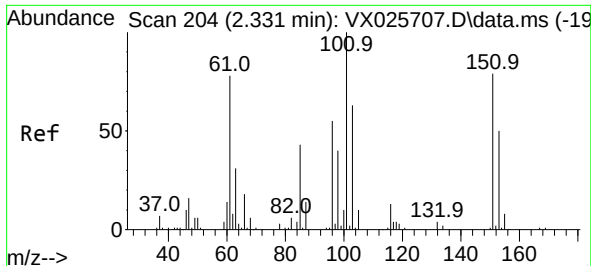
Tgt Ion: 64 Resp: 40177
Ion Ratio Lower Upper
64 100
66 32.7 22.0 40.8



#9
Trichlorofluoromethane
Concen: 52.744 ug/L
RT: 1.886 min Scan# 131
Delta R.T. -0.000 min
Lab File: VX025805.D
Acq: 15 Dec 2021 10:07

Tgt Ion:101 Resp: 105979
Ion Ratio Lower Upper
101 100
103 63.7 52.2 78.2

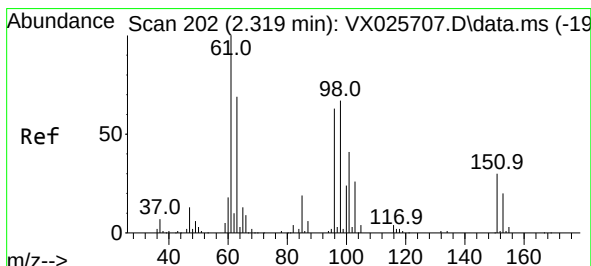
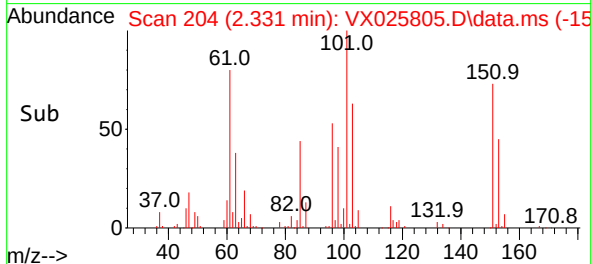
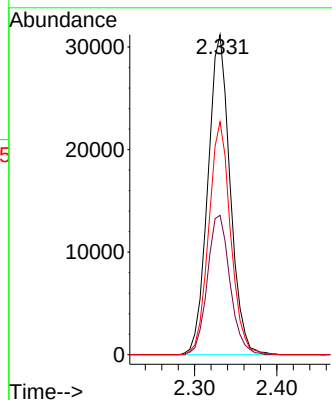
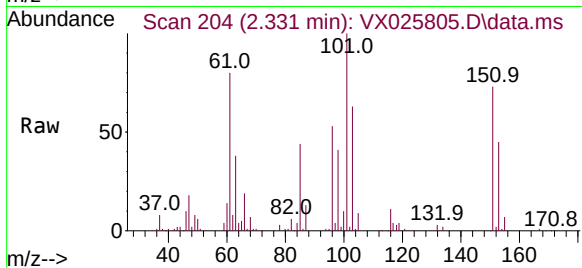




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 55.694 ug/L
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX025805.D
Acq: 15 Dec 2021 10:07

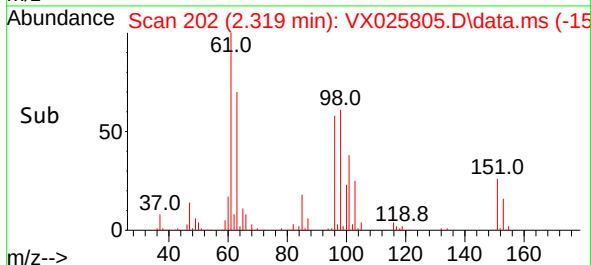
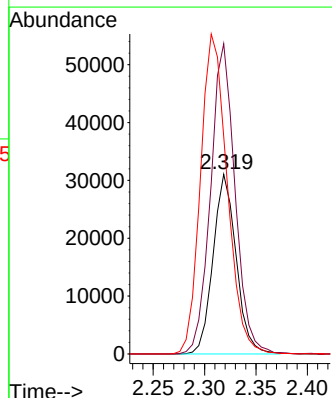
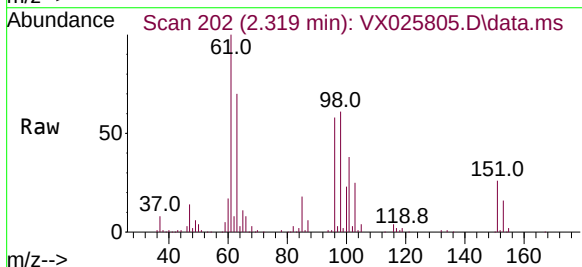
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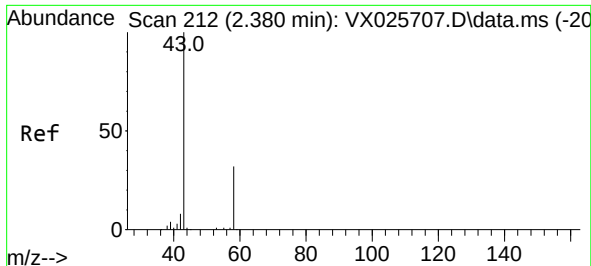
Tgt Ion:101 Resp: 58769
Ion Ratio Lower Upper
101 100
85 44.2 34.3 51.5
151 71.3 65.2 97.8



#12
1,1-Dichloroethene
Concen: 49.552 ug/L
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX025805.D
Acq: 15 Dec 2021 10:07

Tgt Ion: 96 Resp: 48454
Ion Ratio Lower Upper
96 100
61 172.6 108.7 201.9
63 120.9 76.3 141.7





#13

Acetone

Concen: 123.281 ug/L

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX025805.D

Acq: 15 Dec 2021 10:07

Instrument :

MSVOA_X

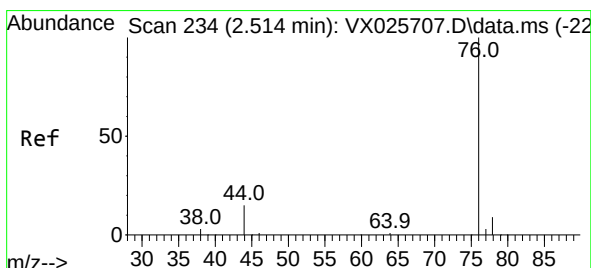
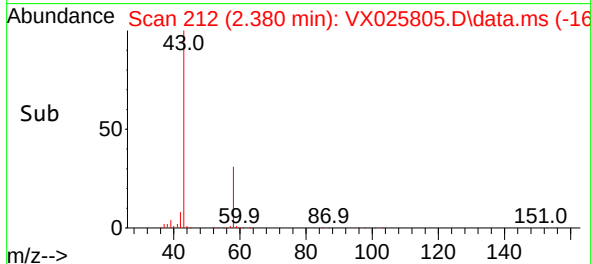
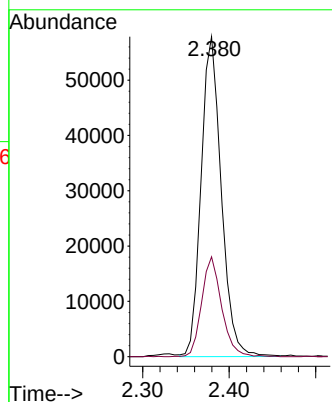
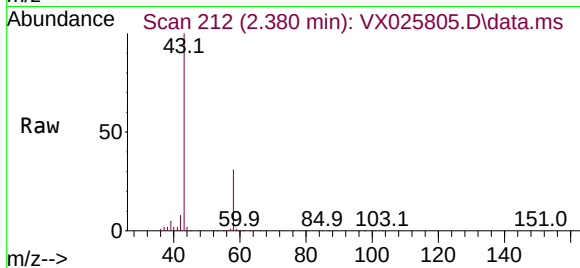
ClientSampleId :

Tgt Ion: 43 Resp: 93776

Ion Ratio Lower Upper

43 100

58 30.6 0.0 65.6



#14

Carbon disulfide

Concen: 42.103 ug/L

RT: 2.514 min Scan# 234

Delta R.T. -0.000 min

Lab File: VX025805.D

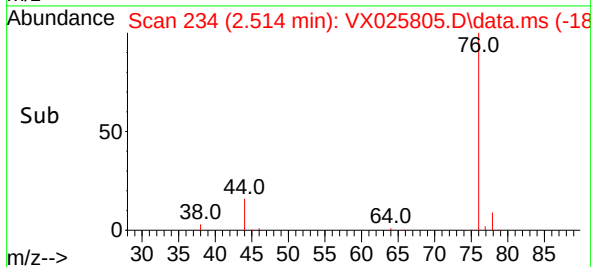
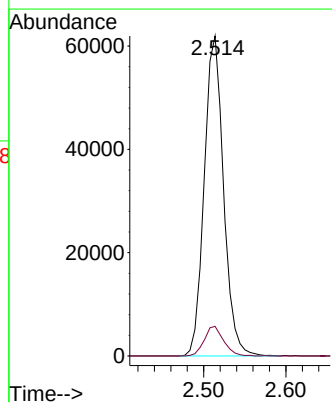
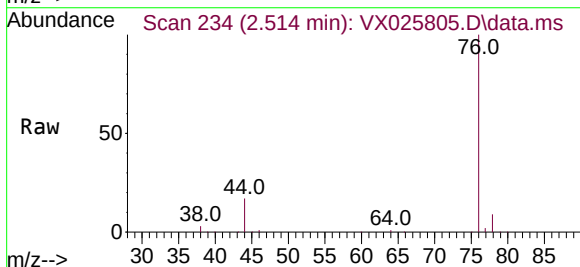
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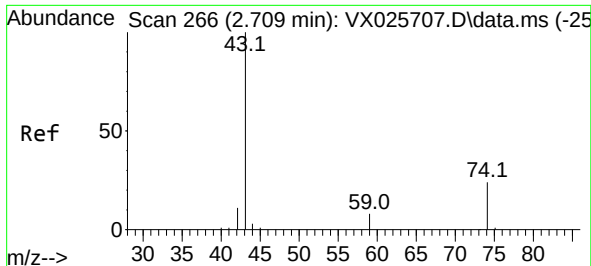
Tgt Ion: 76 Resp: 101231

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.2

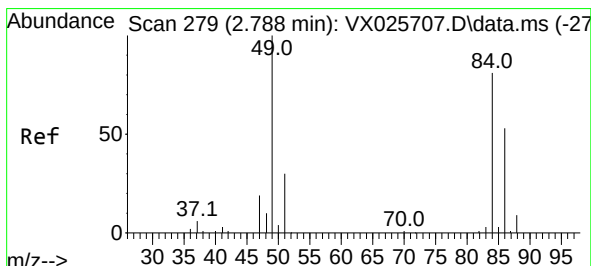
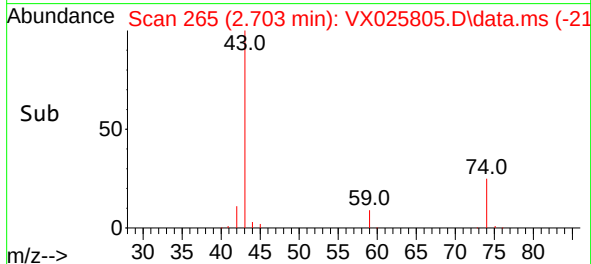
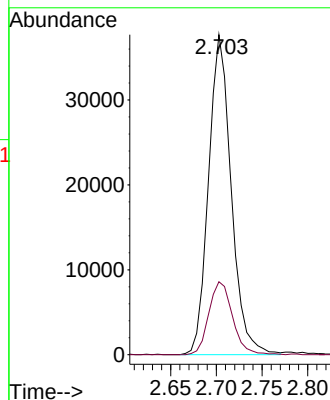
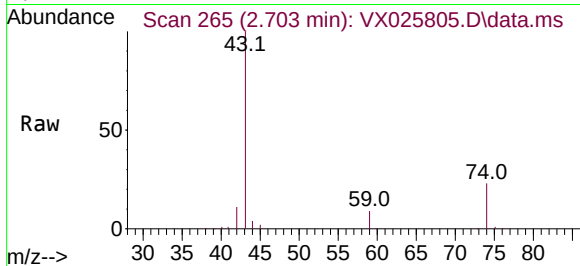




#15
Methyl Acetate
Concen: 52.985 ug/L
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX025805.D
Acq: 15 Dec 2021 10:07

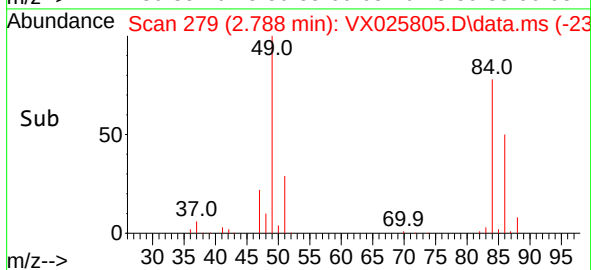
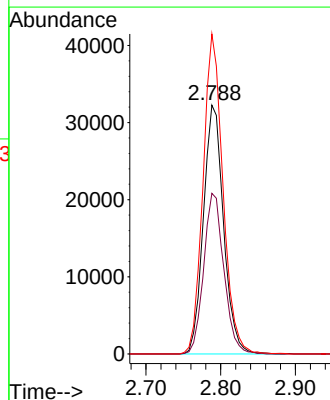
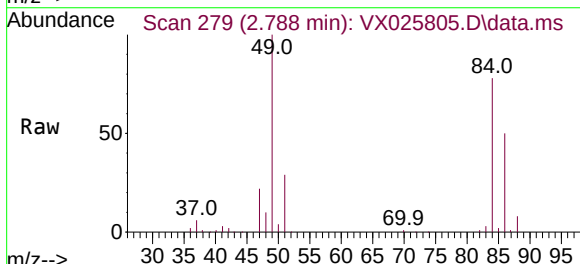
Instrument :
MSVOA_X
ClientSampleId :

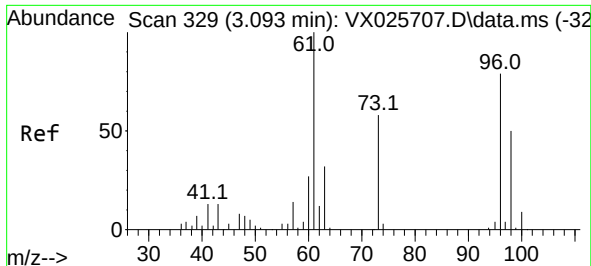
Tgt Ion: 43 Resp: 65137
Ion Ratio Lower Upper
43 100
74 23.8 0.1 0.1#



#16
Methylene chloride
Concen: 53.376 ug/L
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX025805.D
Acq: 15 Dec 2021 10:07

Tgt Ion: 84 Resp: 60367
Ion Ratio Lower Upper
84 100
86 64.5 45.1 83.9
49 128.6 82.3 152.8

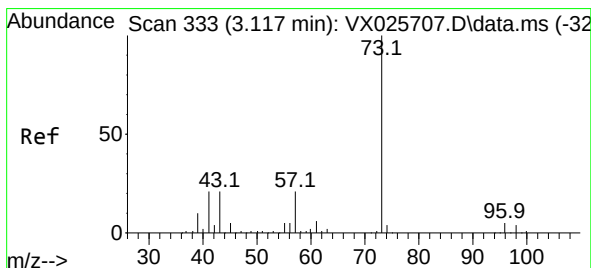
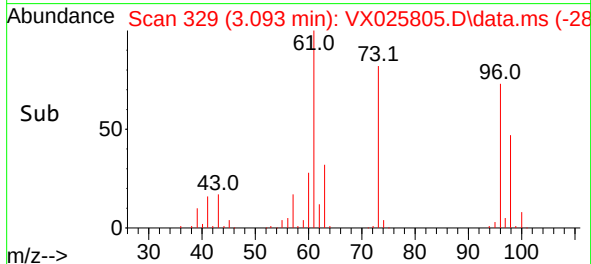
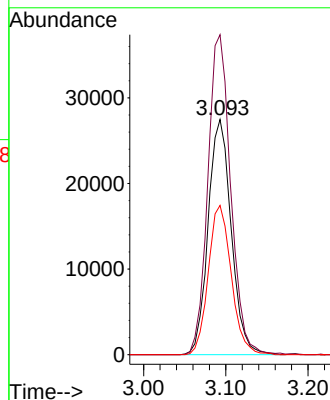
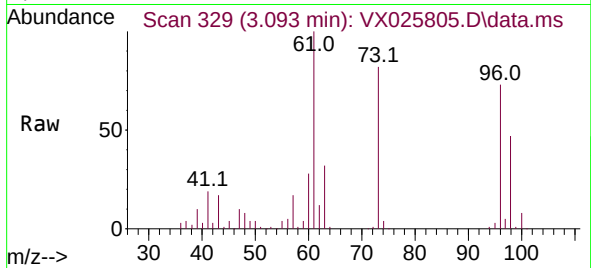




#17
trans-1,2-Dichloroethene
Concen: 50.986 ug/L
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX025805.D
Acq: 15 Dec 2021 10:07

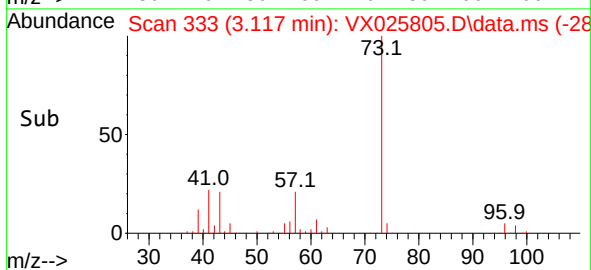
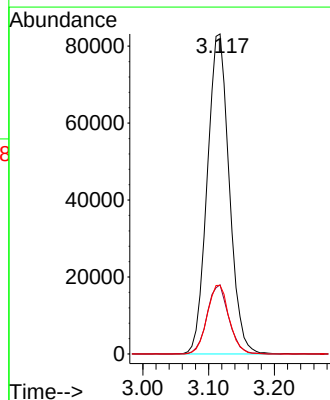
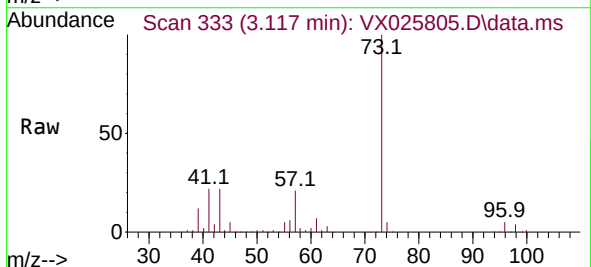
Instrument :
MSVOA_X
ClientSampleId :

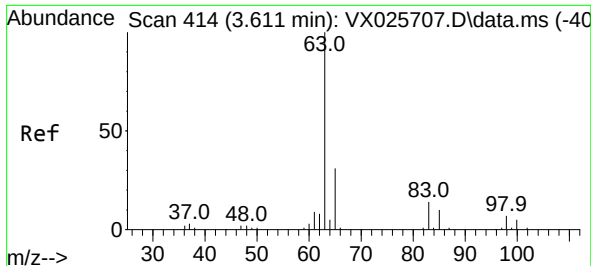
Tgt Ion: 96 Resp: 53675
Ion Ratio Lower Upper
96 100
61 136.1 88.5 164.4
98 63.5 44.3 82.3



#18
Methyl tert-butyl Ether
Concen: 54.012 ug/L
RT: 3.117 min Scan# 333
Delta R.T. -0.000 min
Lab File: VX025805.D
Acq: 15 Dec 2021 10:07

Tgt Ion: 73 Resp: 193261
Ion Ratio Lower Upper
73 100
43 21.4 15.7 23.5
57 21.4 17.3 25.9





#19

1,1-Dichloroethane

Concen: 57.407 ug/L

RT: 3.605 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX025805.D

Acq: 15 Dec 2021 10:07

Instrument :

MSVOA_X

ClientSampleId :

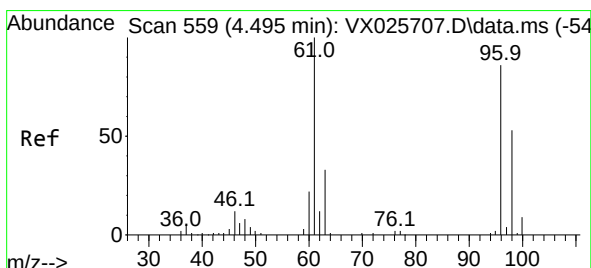
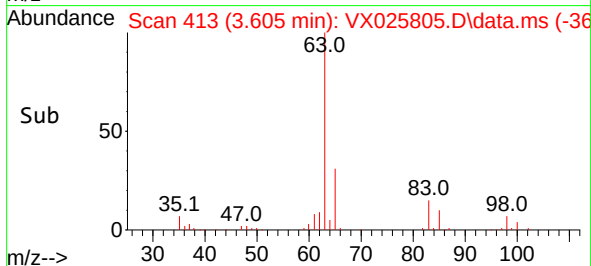
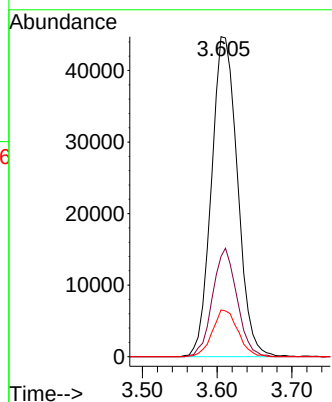
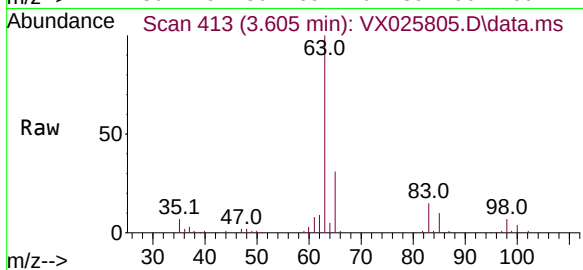
Tgt Ion: 63 Resp: 108230

Ion Ratio Lower Upper

63 100

65 31.3 22.2 41.2

83 14.6 10.2 19.0



#20

cis-1,2-Dichloroethene

Concen: 54.291 ug/L

RT: 4.489 min Scan# 558

Delta R.T. -0.006 min

Lab File: VX025805.D

Acq: 15 Dec 2021 10:07

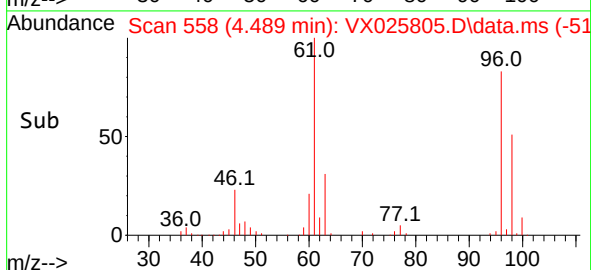
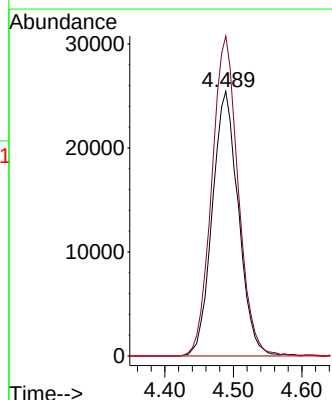
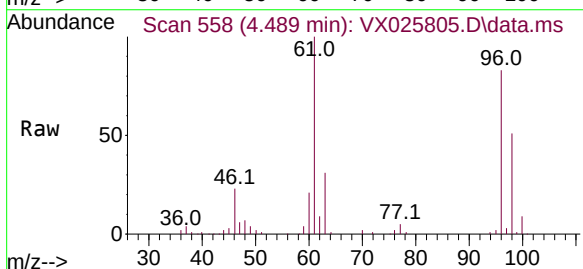
Tgt Ion: 96 Resp: 67352

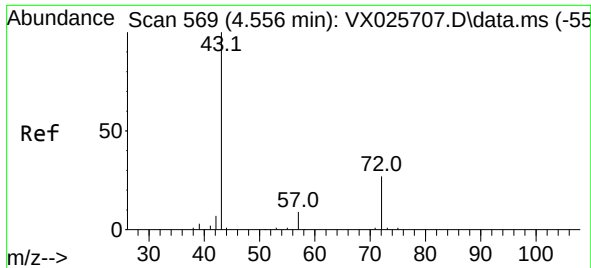
Ion Ratio Lower Upper

96 100

61 121.0 82.3 152.8

68 0.0 0.0 0.0

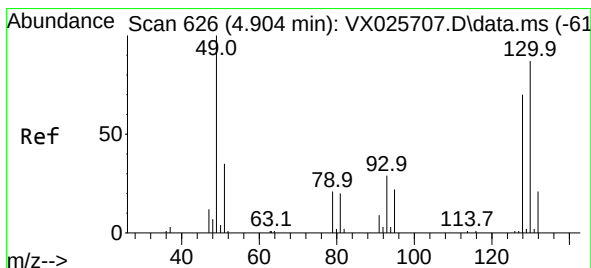
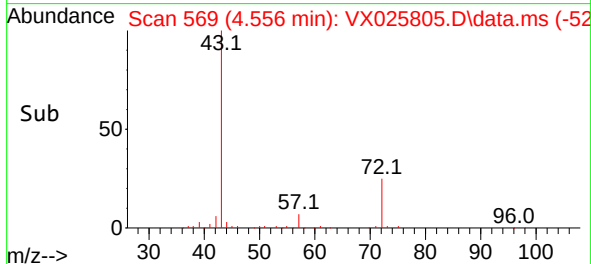
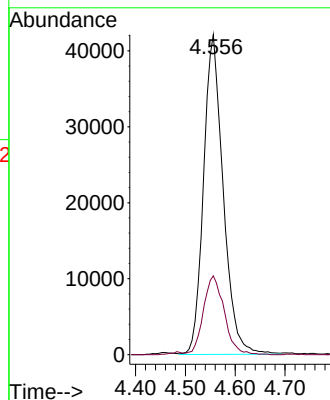
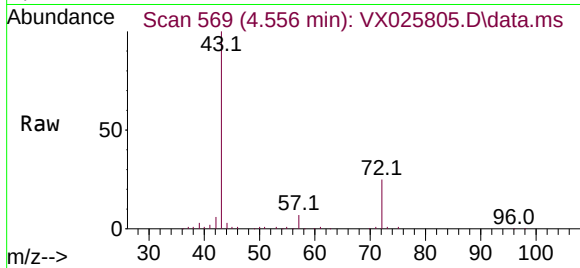




#22
2-Butanone
Concen: 114.558 ug/L
RT: 4.556 min Scan# 569
Delta R.T. -0.000 min
Lab File: VX025805.D
Acq: 15 Dec 2021 10:07

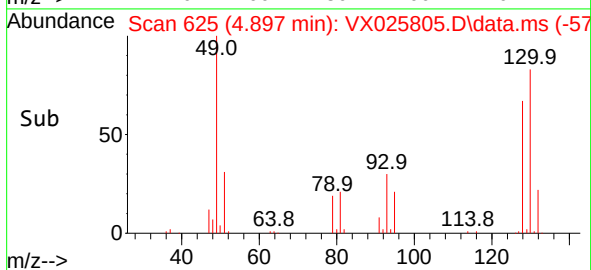
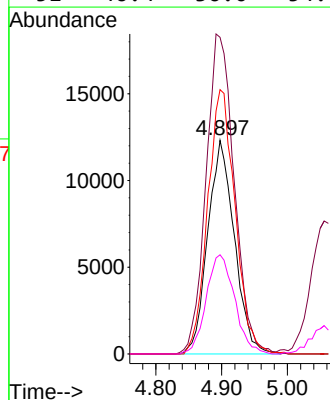
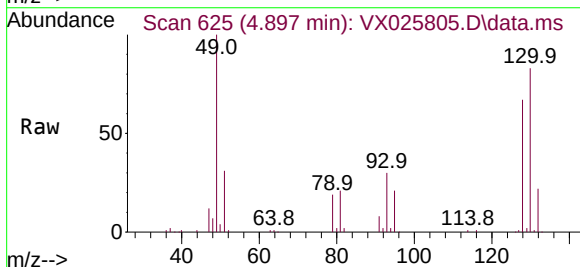
Instrument :
MSVOA_X
ClientSampleId :

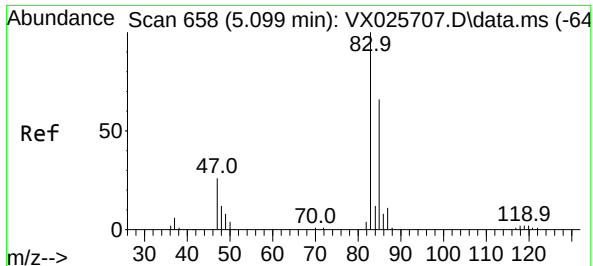
Tgt Ion: 43 Resp: 115244
Ion Ratio Lower Upper
43 100
72 26.1 13.8 41.3



#23
Bromochloromethane
Concen: 52.940 ug/L
RT: 4.897 min Scan# 625
Delta R.T. -0.006 min
Lab File: VX025805.D
Acq: 15 Dec 2021 10:07

Tgt Ion:128 Resp: 34697
Ion Ratio Lower Upper
128 100
49 148.2 97.7 181.5
130 123.7 88.2 163.8
51 46.4 36.0 54.0





#25

Chloroform

Concen: 59.830 ug/L

RT: 5.093 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX025805.D

Acq: 15 Dec 2021 10:07

Instrument :

MSVOA_X

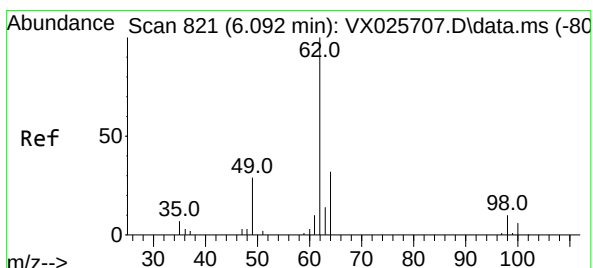
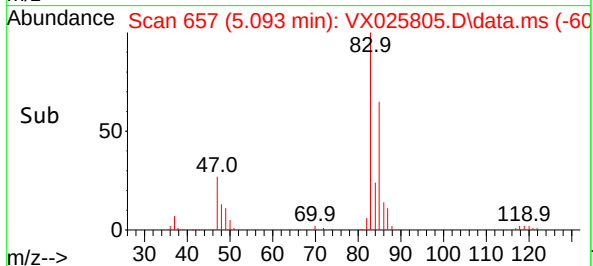
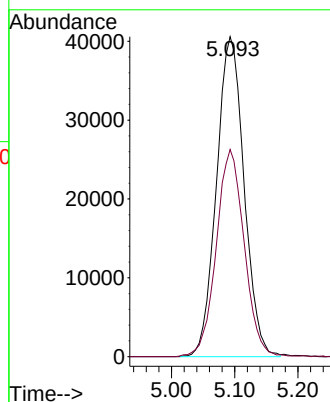
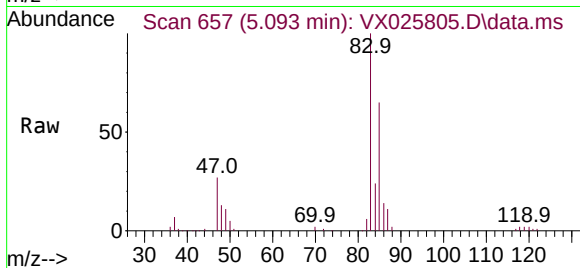
ClientSampleId :

Tgt Ion: 83 Resp: 122754

Ion Ratio Lower Upper

83 100

85 64.8 44.9 83.5



#27

1,2-Dichloroethane

Concen: 61.735 ug/L

RT: 6.086 min Scan# 820

Delta R.T. -0.006 min

Lab File: VX025805.D

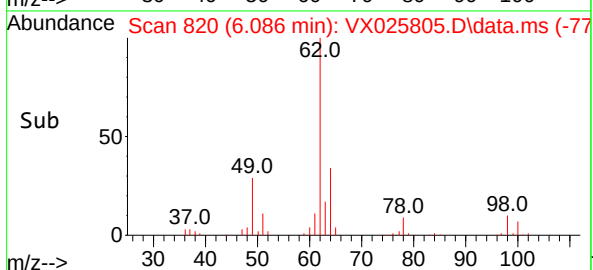
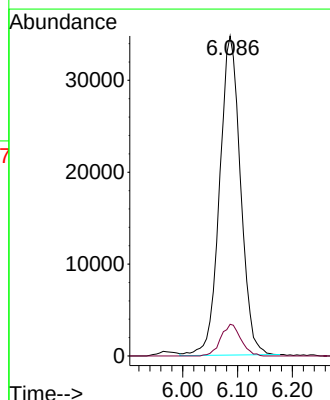
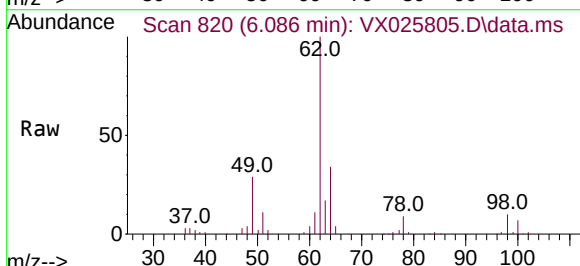
Acq: 15 Dec 2021 10:07

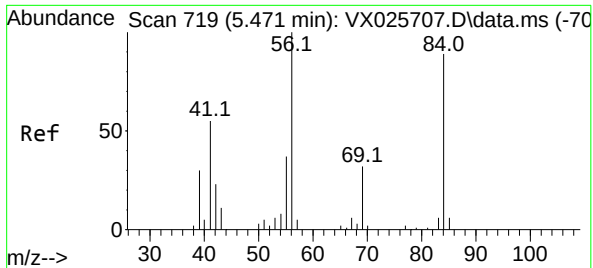
Tgt Ion: 62 Resp: 92125

Ion Ratio Lower Upper

62 100

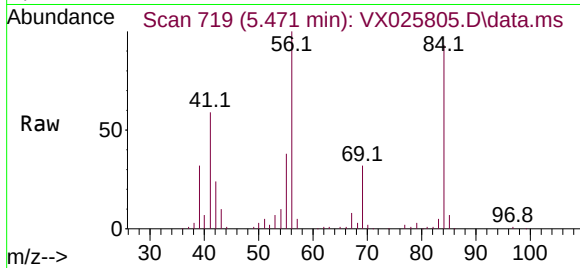
98 9.9 8.2 12.2



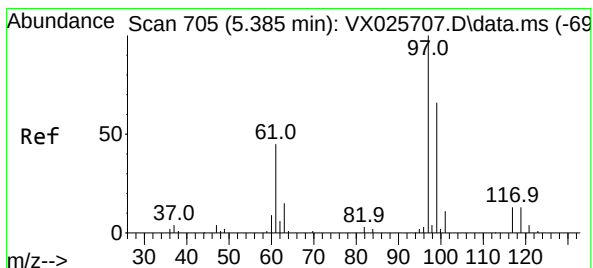
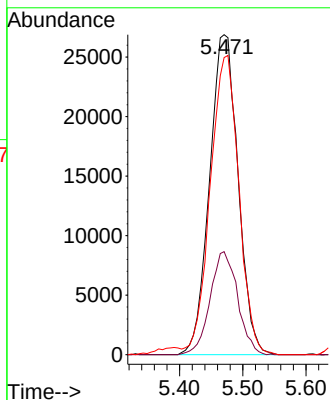
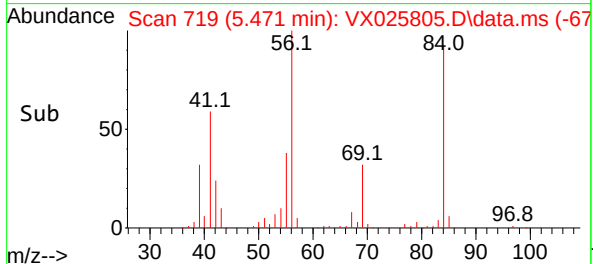


#29
Cyclohexane
Concen: 45.065 ug/L
RT: 5.471 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX025805.D
Acq: 15 Dec 2021 10:07

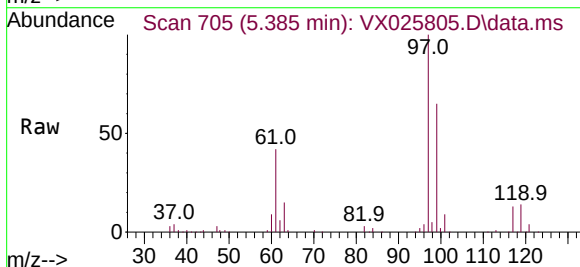
Instrument :
MSVOA_X
ClientSampleId :



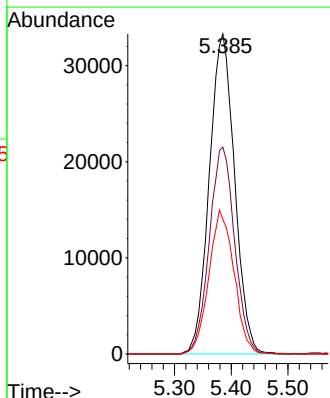
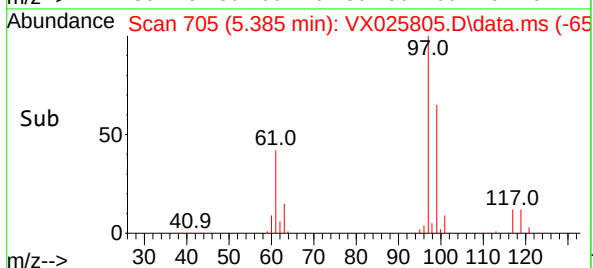
Tgt Ion: 56 Resp: 84220
Ion Ratio Lower Upper
56 100
69 31.0 25.4 38.2
84 93.7 76.6 114.8

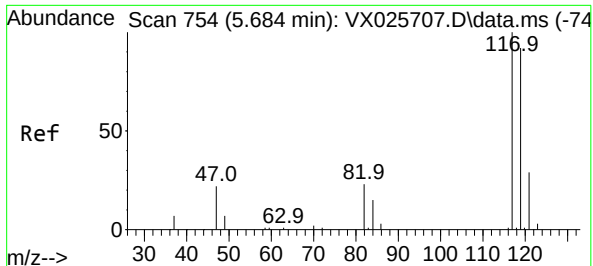


#30
1,1,1-Trichloroethane
Concen: 51.264 ug/L
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX025805.D
Acq: 15 Dec 2021 10:07



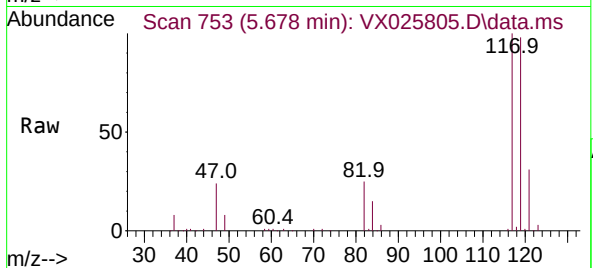
Tgt Ion: 97 Resp: 103232
Ion Ratio Lower Upper
97 100
99 64.8 51.5 77.3
61 44.6 33.1 49.7



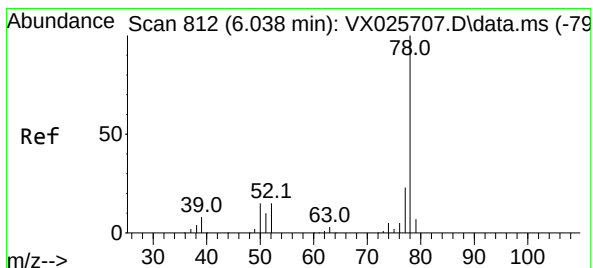
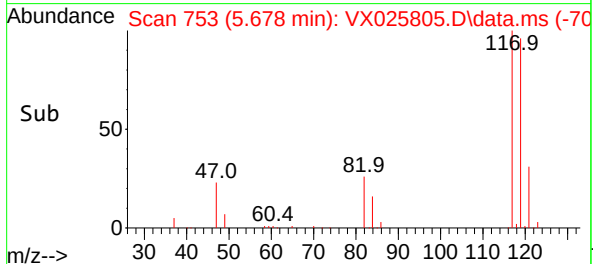
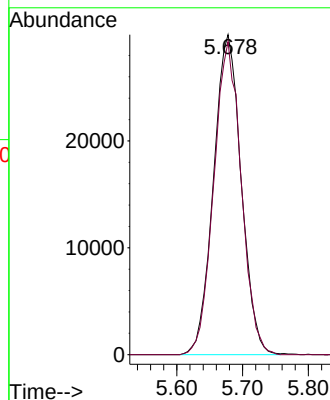


#31
Carbon tetrachloride
Concen: 48.839 ug/L
RT: 5.678 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX025805.D
Acq: 15 Dec 2021 10:07

Instrument :
MSVOA_X
ClientSampleId :

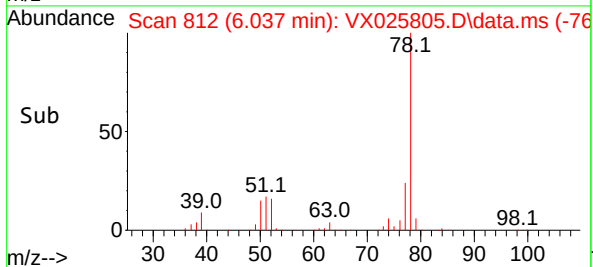
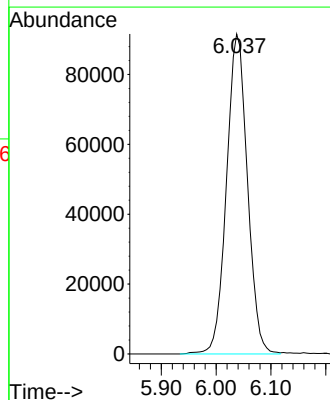
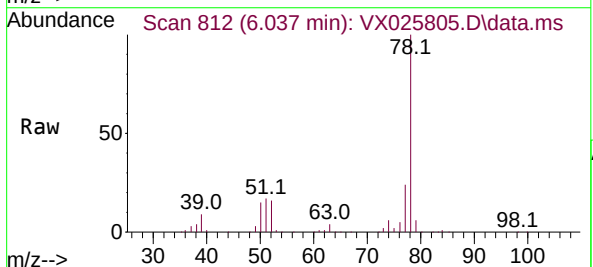


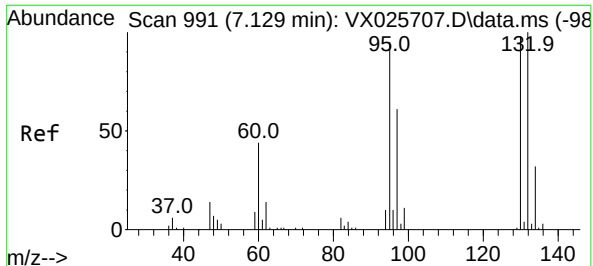
Tgt Ion:117 Resp: 87823
Ion Ratio Lower Upper
117 100
119 96.8 76.8 115.2



#33
Benzene
Concen: 49.885 ug/L
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX025805.D
Acq: 15 Dec 2021 10:07

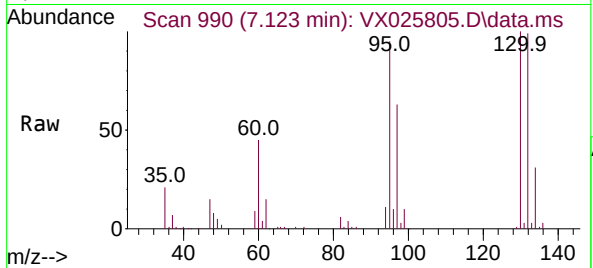
Tgt Ion: 78 Resp: 243101



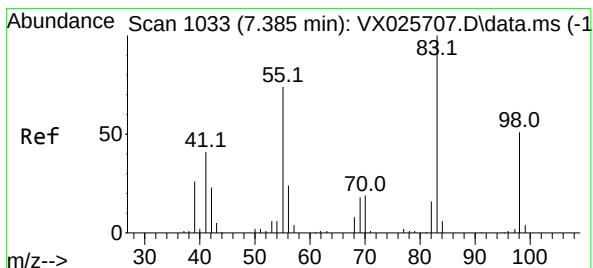
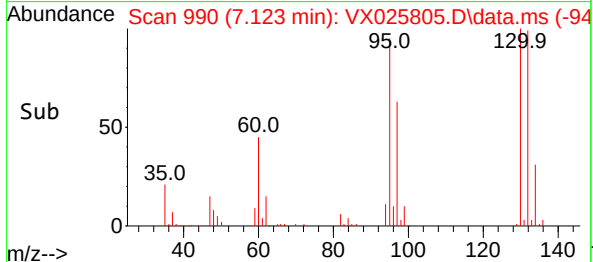
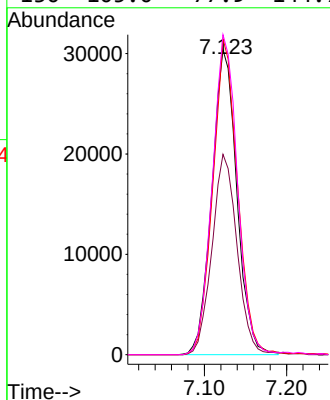


#34
Trichloroethene
Concen: 50.188 ug/L
RT: 7.123 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX025805.D
Acq: 15 Dec 2021 10:07

Instrument :
MSVOA_X
ClientSampleId :

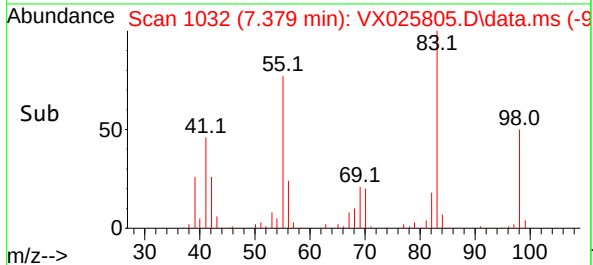
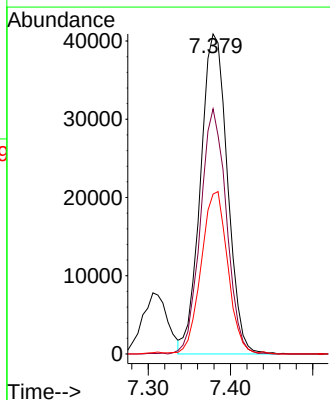
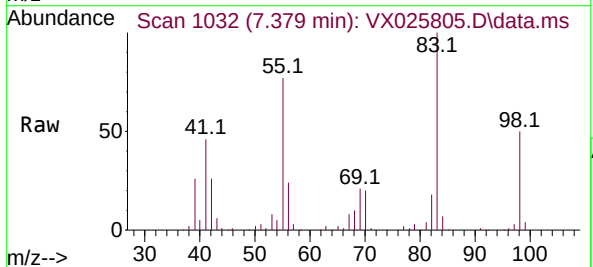


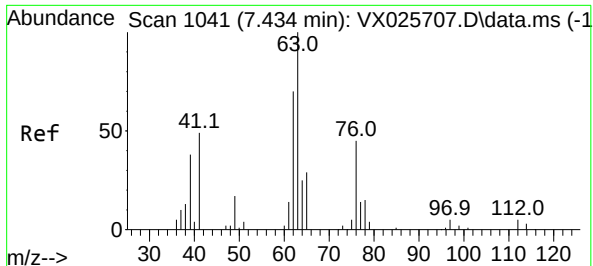
Tgt Ion: 95 Resp: 64329
Ion Ratio Lower Upper
95 100
97 65.7 46.0 85.4
132 103.6 75.0 139.2
130 105.0 77.9 144.7



#35
Methylcyclohexane
Concen: 46.200 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX025805.D
Acq: 15 Dec 2021 10:07

Tgt Ion: 83 Resp: 93203
Ion Ratio Lower Upper
83 100
55 73.6 57.3 85.9
98 50.0 41.1 61.7





#37

1,2-Dichloropropane

Concen: 52.399 ug/L

RT: 7.427 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX025805.D

Acq: 15 Dec 2021 10:07

Instrument :

MSVOA_X

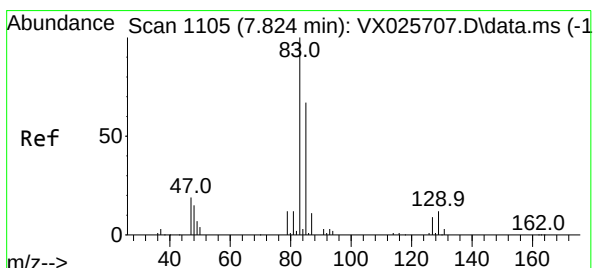
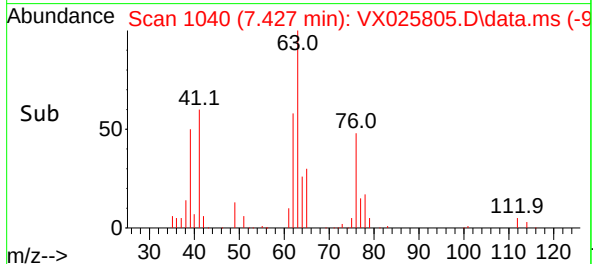
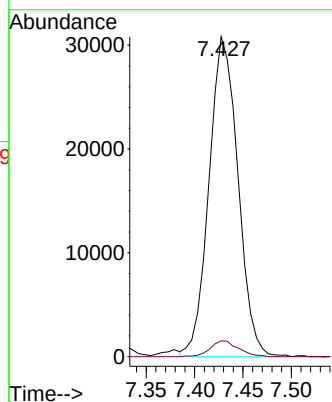
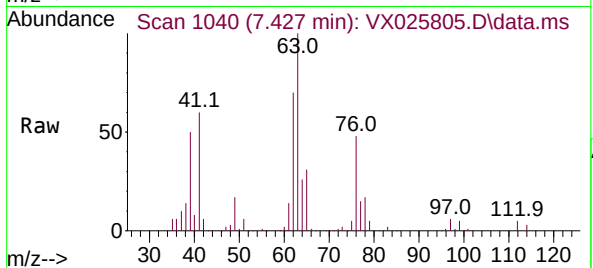
ClientSampleId :

Tgt Ion: 63 Resp: 64049

Ion Ratio Lower Upper

63 100

112 4.8 4.0 6.0



#38

Bromodichloromethane

Concen: 53.271 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VX025805.D

Acq: 15 Dec 2021 10:07

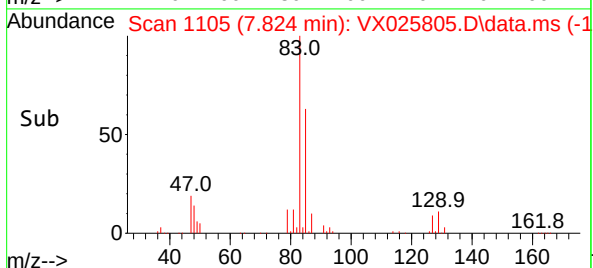
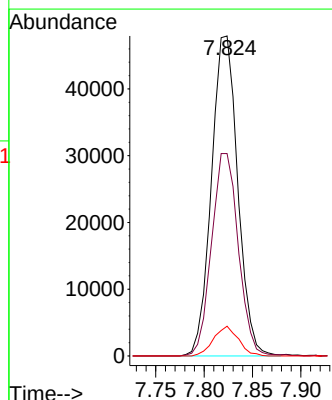
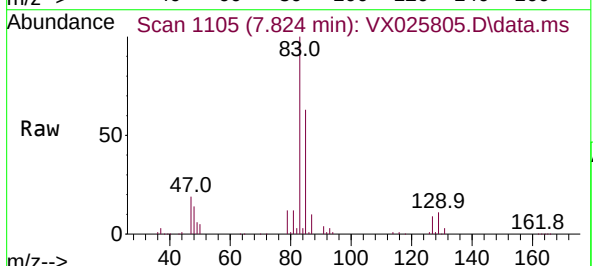
Tgt Ion: 83 Resp: 90679

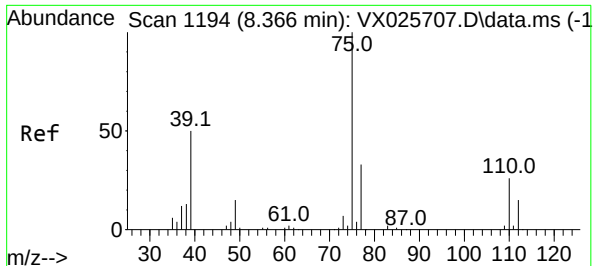
Ion Ratio Lower Upper

83 100

85 63.3 45.3 84.1

127 9.3 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 48.955 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX025805.D

Acq: 15 Dec 2021 10:07

Instrument :

MSVOA_X

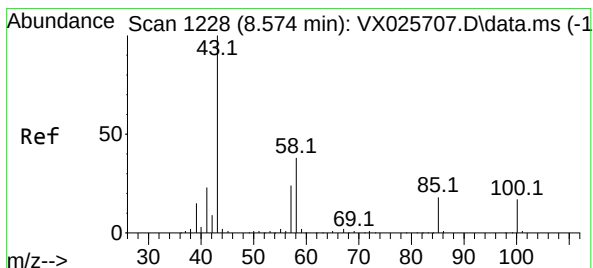
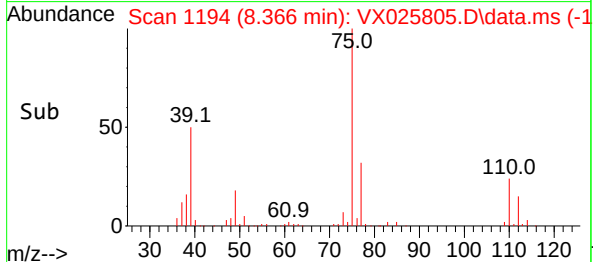
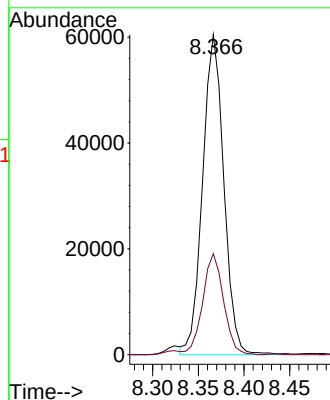
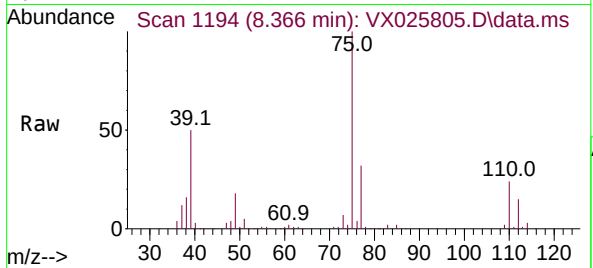
ClientSampleId :

Tgt Ion: 75 Resp: 97463

Ion Ratio Lower Upper

75 100

77 31.6 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 101.201 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX025805.D

Acq: 15 Dec 2021 10:07

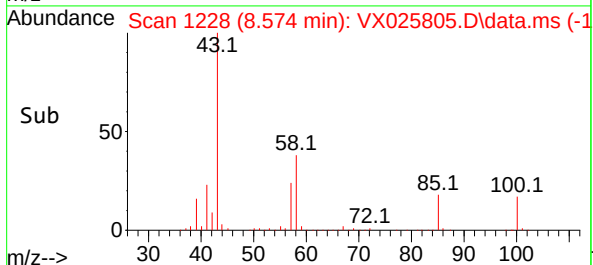
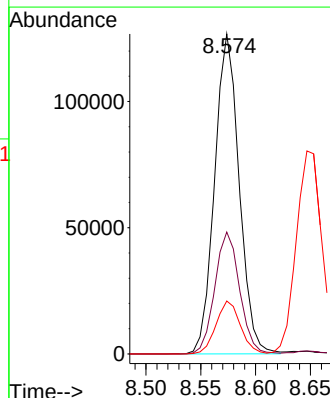
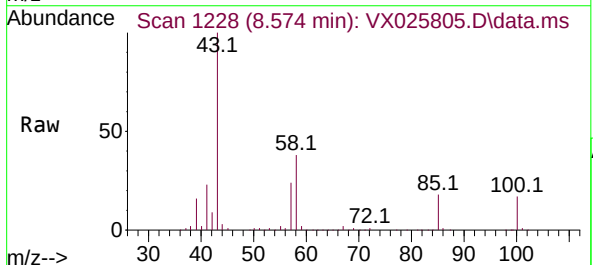
Tgt Ion: 43 Resp: 197527

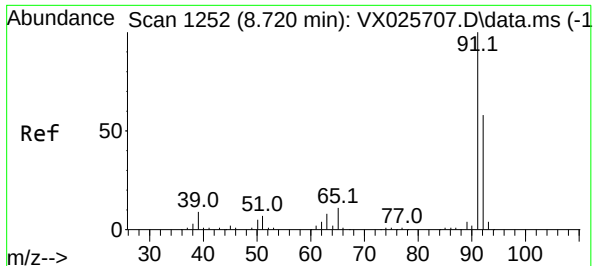
Ion Ratio Lower Upper

43 100

58 38.4 32.2 48.2

100 16.5 14.2 21.2





#42

Toluene

Concen: 50.819 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX025805.D

Acq: 15 Dec 2021 10:07

Instrument :

MSVOA_X

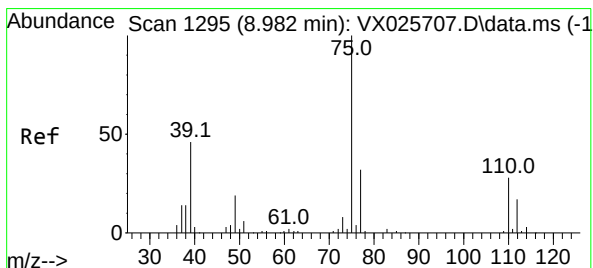
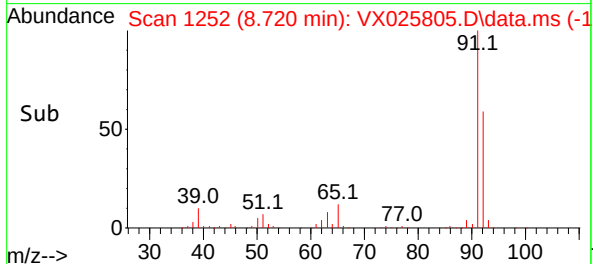
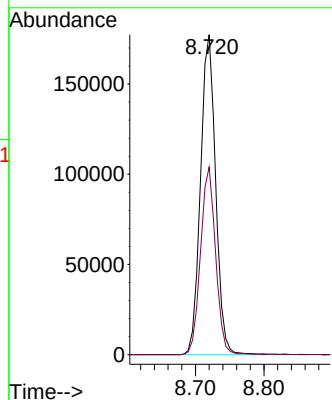
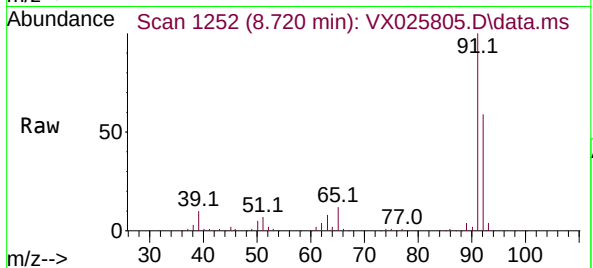
ClientSampleId :

Tgt Ion: 91 Resp: 273117

Ion Ratio Lower Upper

91 100

92 58.7 41.2 76.6



#44

trans-1,3-Dichloropropene

Concen: 47.951 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.006 min

Lab File: VX025805.D

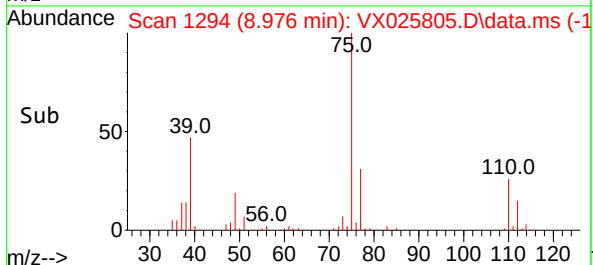
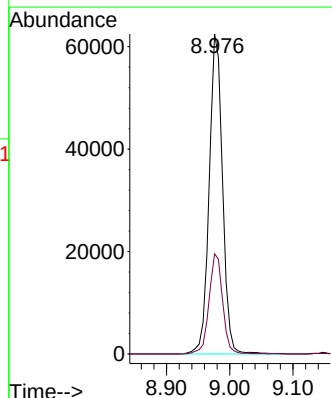
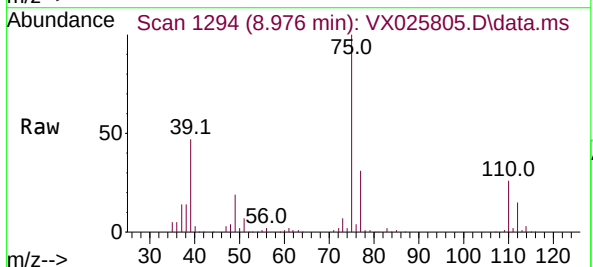
Acq: 15 Dec 2021 10:07

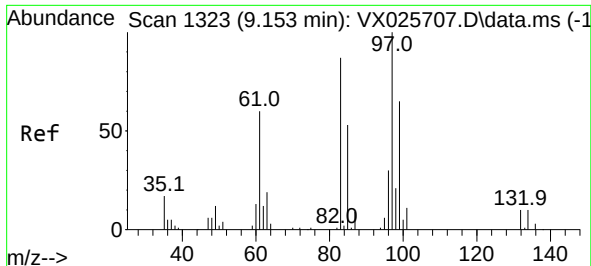
Tgt Ion: 75 Resp: 91753

Ion Ratio Lower Upper

75 100

77 31.3 23.0 42.8





#45

1,1,2-Trichloroethane

Concen: 53.121 ug/L

RT: 9.153 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX025805.D

Acq: 15 Dec 2021 10:07

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 68905

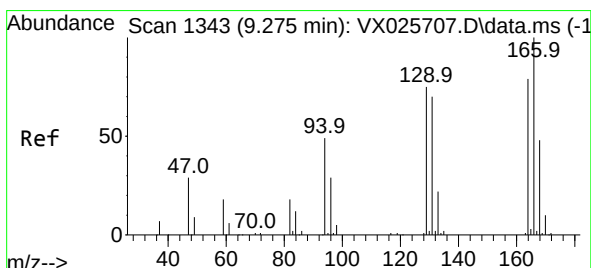
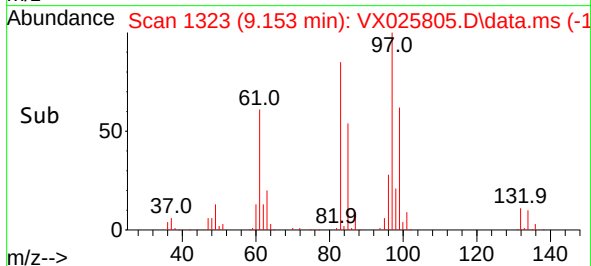
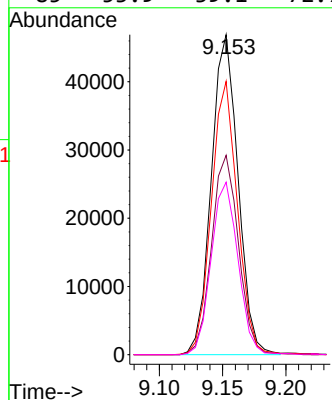
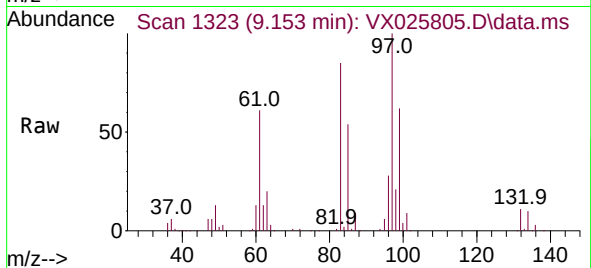
Ion Ratio Lower Upper

97 100

99 62.3 46.0 85.4

83 85.4 59.6 110.8

85 53.9 39.1 72.7



#46

Tetrachloroethene

Concen: 47.292 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX025805.D

Acq: 15 Dec 2021 10:07

Tgt Ion:164 Resp: 51408

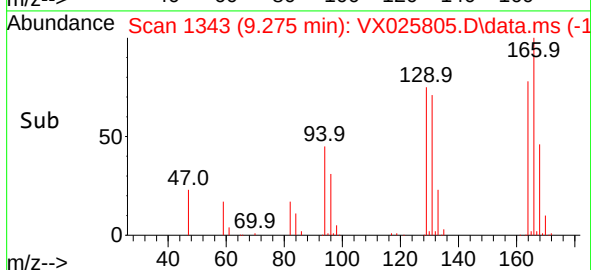
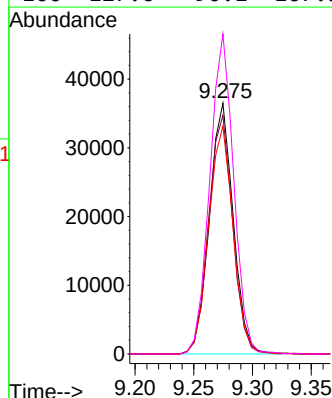
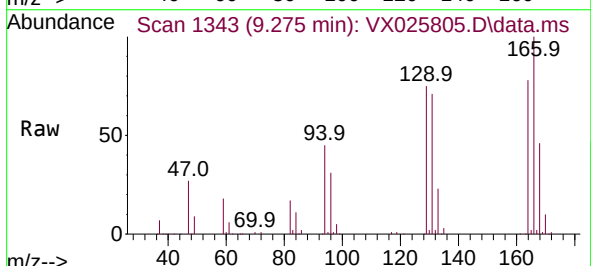
Ion Ratio Lower Upper

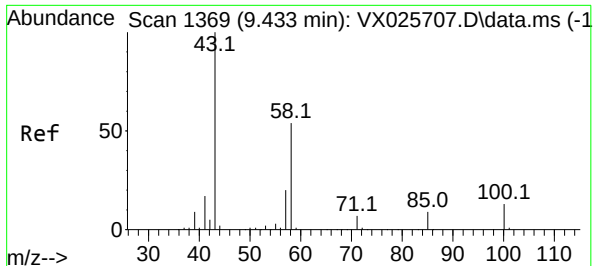
164 100

129 95.1 64.7 120.1

131 90.8 63.2 117.4

166 127.6 90.1 167.3





#48

2-Hexanone

Concen: 105.230 ug/L

RT: 9.433 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX025805.D

Acq: 15 Dec 2021 10:07

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 43 Resp: 164962

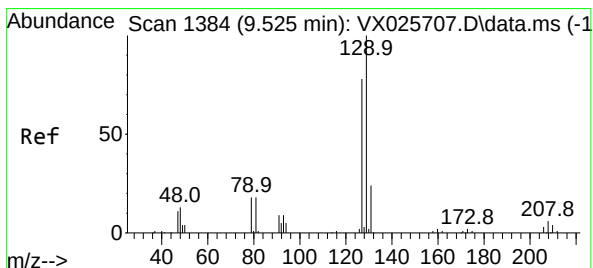
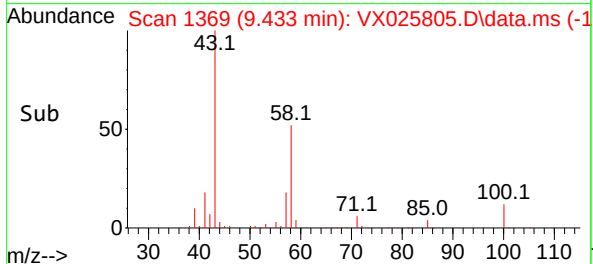
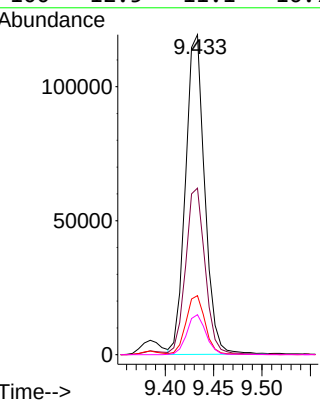
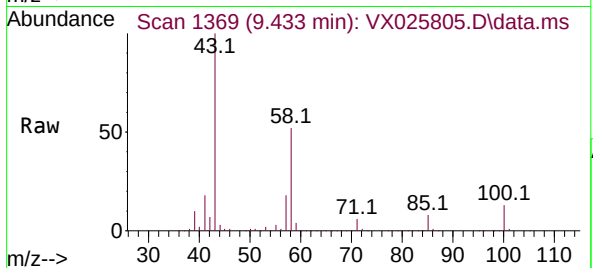
Ion Ratio Lower Upper

43 100

58 52.3 44.2 66.4

57 18.7 15.1 22.7

100 12.5 11.1 16.7



#49

Dibromochloromethane

Concen: 51.370 ug/L

RT: 9.519 min Scan# 1383

Delta R.T. -0.006 min

Lab File: VX025805.D

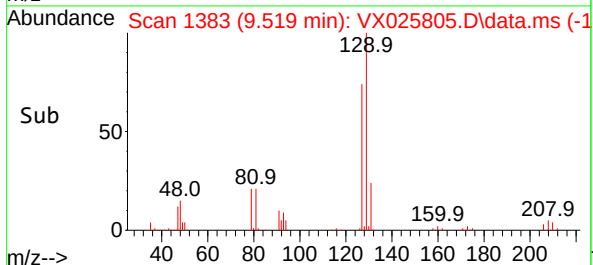
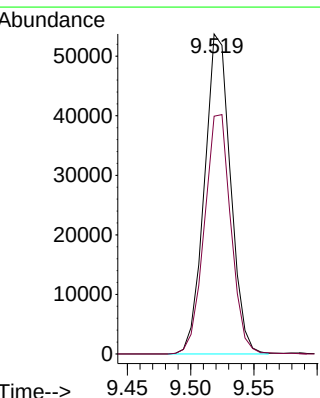
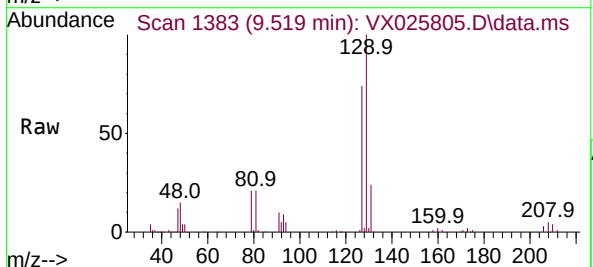
Acq: 15 Dec 2021 10:07

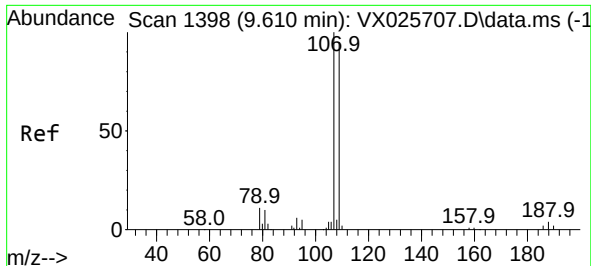
Tgt Ion:129 Resp: 76801

Ion Ratio Lower Upper

129 100

127 74.3 52.4 97.2





#50

1,2-Dibromoethane

Concen: 51.307 ug/L

RT: 9.610 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX025805.D

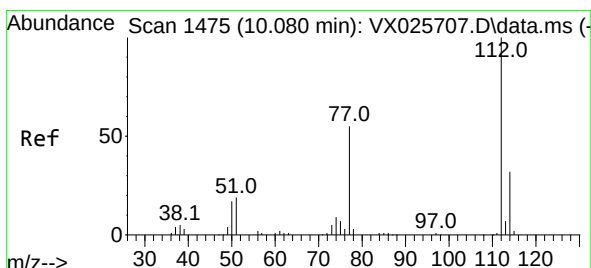
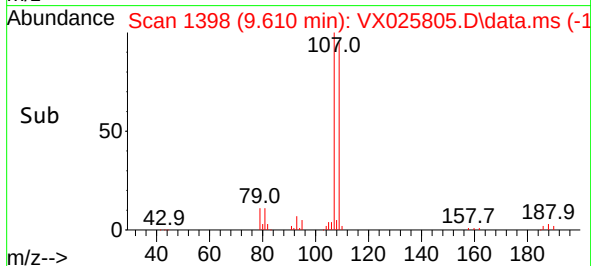
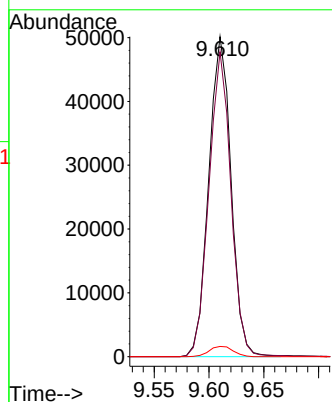
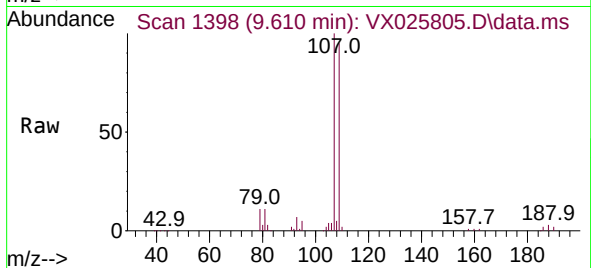
Acq: 15 Dec 2021 10:07

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:107	Resp:	70932
Ion Ratio	Lower	Upper
107	100	
109	95.3	65.3 121.3
188	3.2	2.9 4.3



#51

Chlorobenzene

Concen: 52.098 ug/L

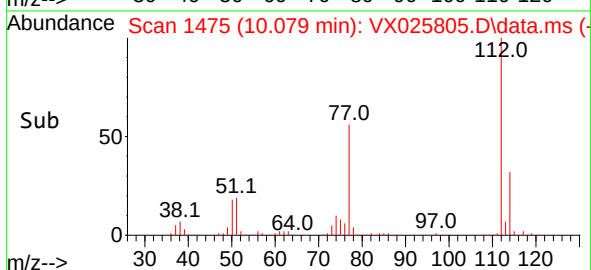
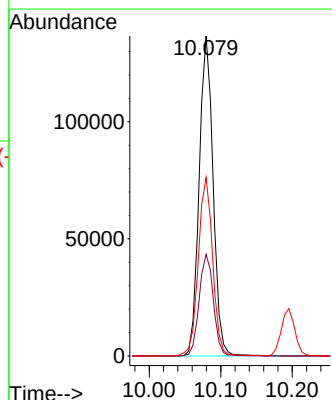
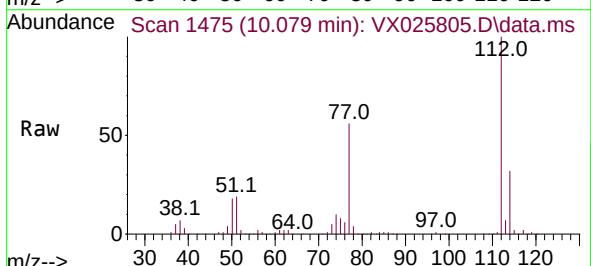
RT: 10.079 min Scan# 1475

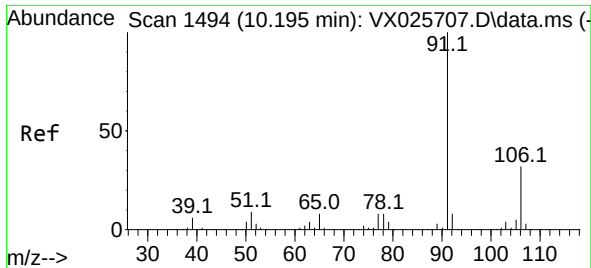
Delta R.T. -0.000 min

Lab File: VX025805.D

Acq: 15 Dec 2021 10:07

Tgt Ion:112	Resp:	184693
Ion Ratio	Lower	Upper
112	100	
114	31.8	22.5 41.9
77	55.8	44.5 66.7

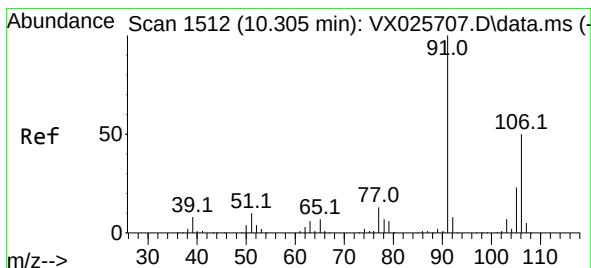
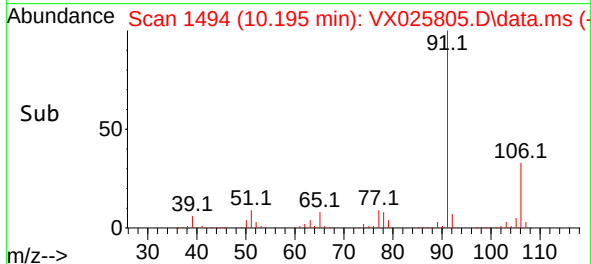
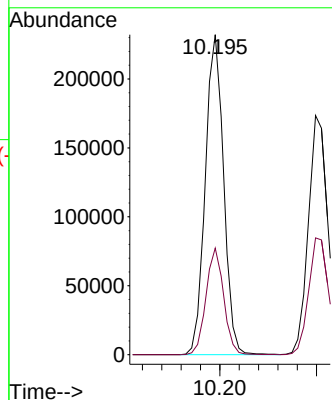
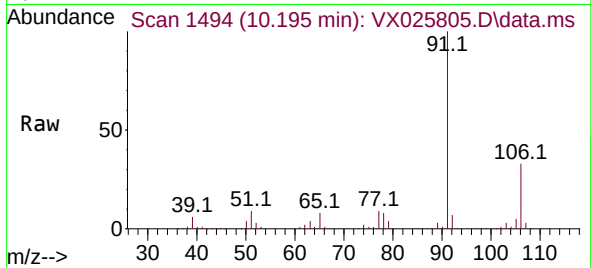




#52
Ethylbenzene
Concen: 52.995 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX025805.D
Acq: 15 Dec 2021 10:07

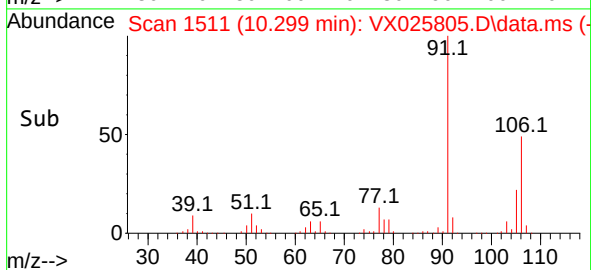
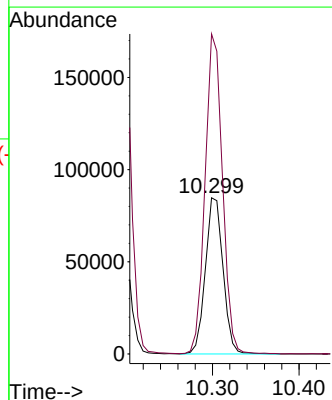
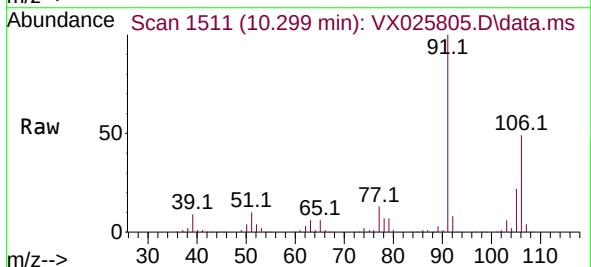
Instrument :
MSVOA_X
ClientSampleId :

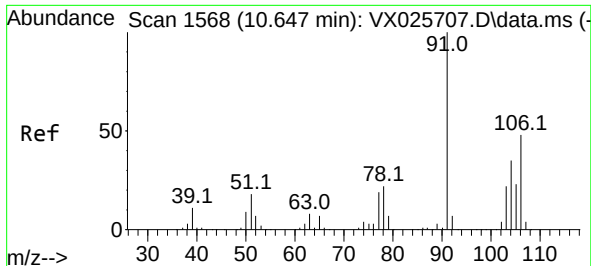
Tgt Ion: 91 Resp: 306098
Ion Ratio Lower Upper
91 100
106 33.3 23.1 42.9



#53
m,p-Xylene
Concen: 51.351 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX025805.D
Acq: 15 Dec 2021 10:07

Tgt Ion: 106 Resp: 120142
Ion Ratio Lower Upper
106 100
91 205.0 136.8 254.2

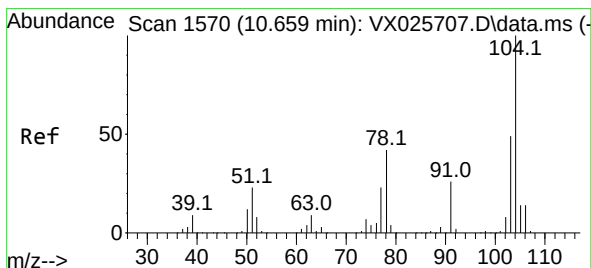
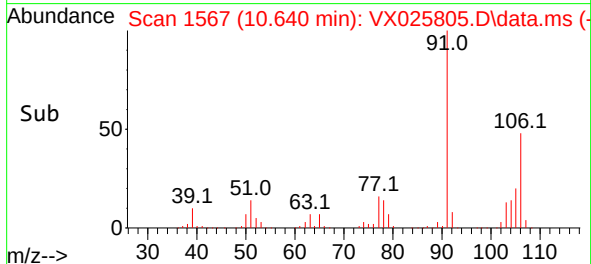
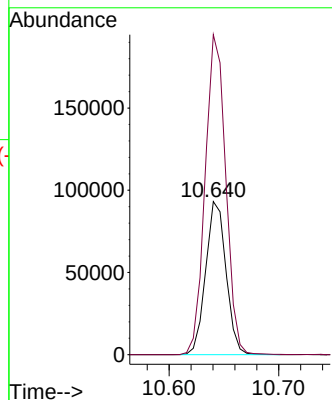
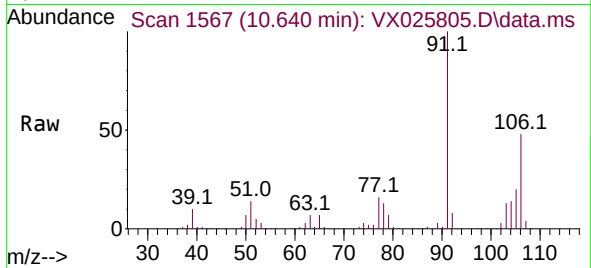




#54
o-Xylene
Concen: 51.381 ug/L
RT: 10.640 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VX025805.D
Acq: 15 Dec 2021 10:07

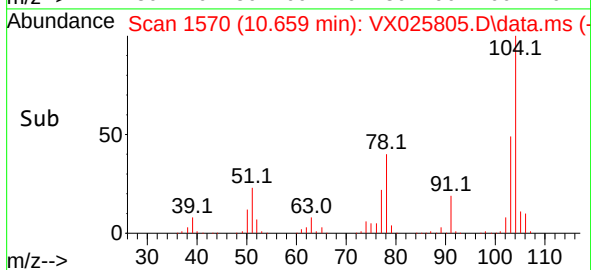
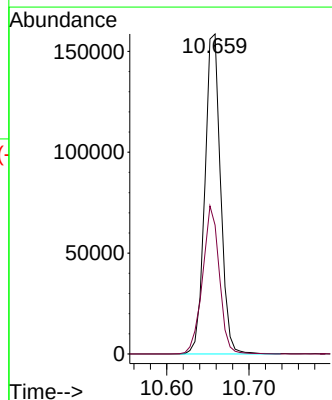
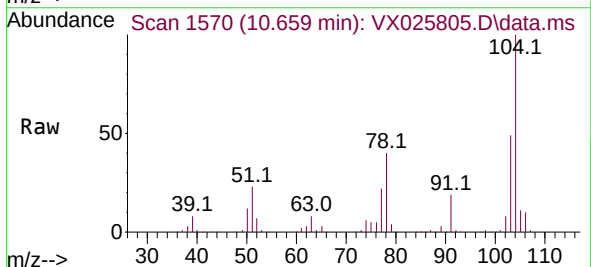
Instrument :
MSVOA_X
ClientSampleId :

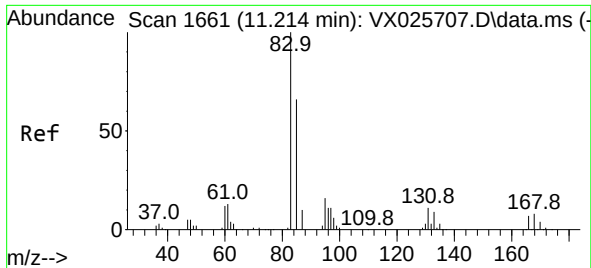
Tgt Ion:106 Resp: 120335
Ion Ratio Lower Upper
106 100
91 209.0 140.5 260.9



#55
Styrene
Concen: 54.006 ug/L
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX025805.D
Acq: 15 Dec 2021 10:07

Tgt Ion:104 Resp: 210170
Ion Ratio Lower Upper
104 100
78 40.2 28.6 53.0

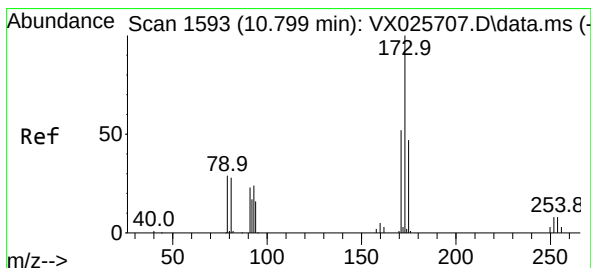
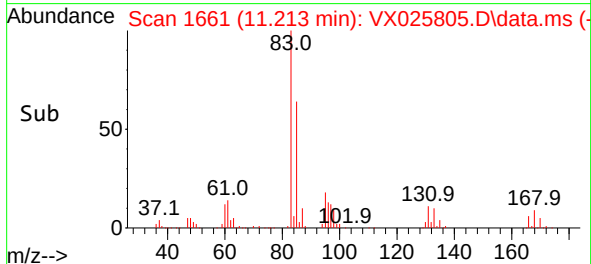
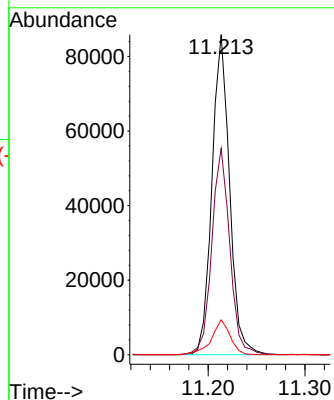
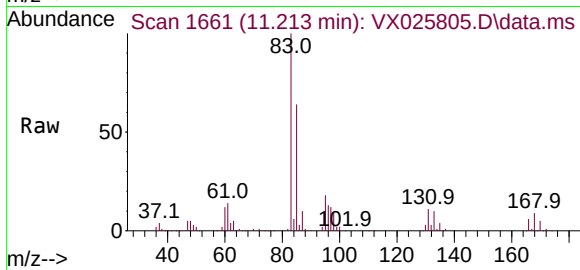




#57
1,1,2,2-Tetrachloroethane
Concen: 54.286 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX025805.D
Acq: 15 Dec 2021 10:07

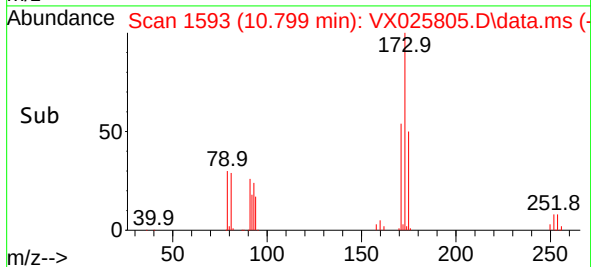
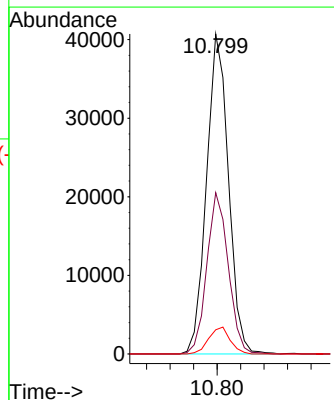
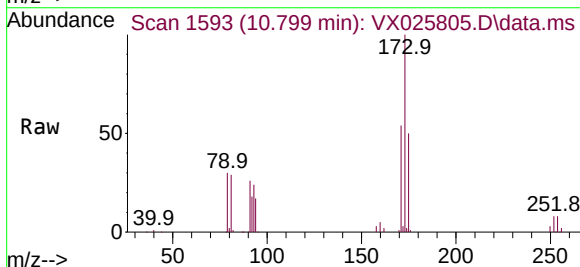
Instrument :
MSVOA_X
ClientSampleId :

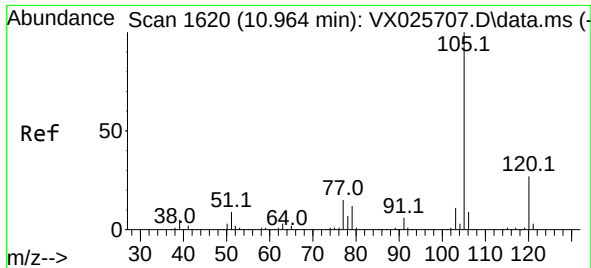
Tgt Ion: 83 Resp: 108734
Ion Ratio Lower Upper
83 100
85 64.4 47.0 87.2
131 10.9 8.5 12.7



#59
Bromoform
Concen: 42.796 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX025805.D
Acq: 15 Dec 2021 10:07

Tgt Ion: 173 Resp: 52804
Ion Ratio Lower Upper
173 100
175 49.3 38.6 58.0
254 8.2 7.7 11.5

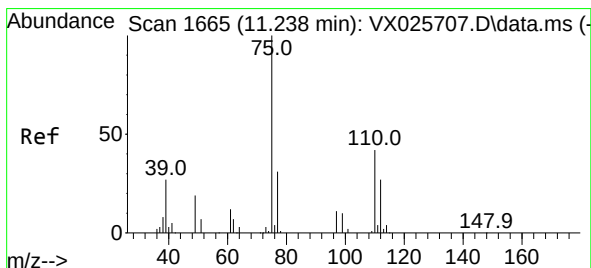
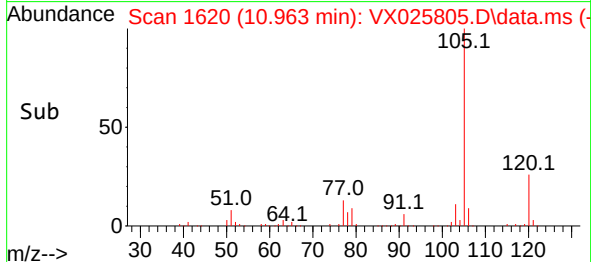
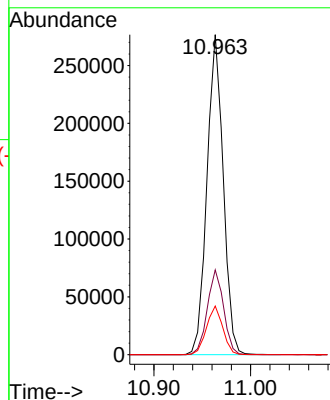
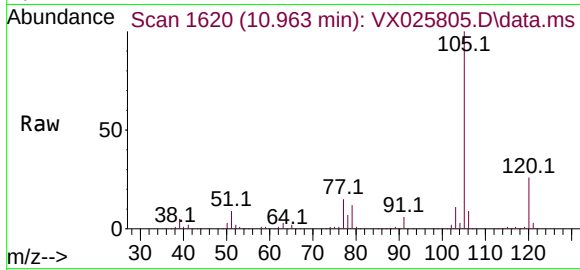




#60
Isopropylbenzene
Concen: 50.494 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX025805.D
Acq: 15 Dec 2021 10:07

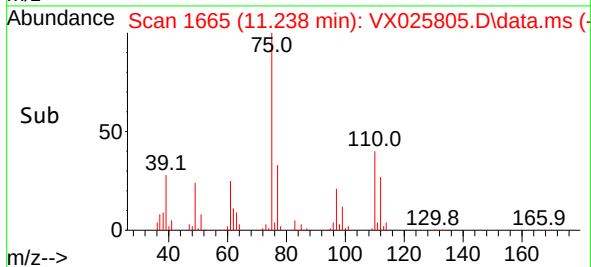
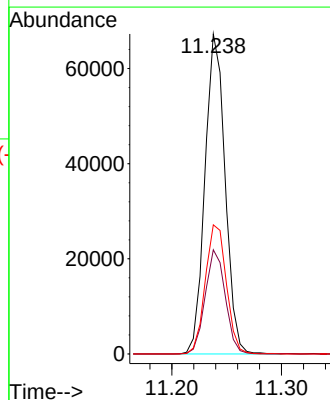
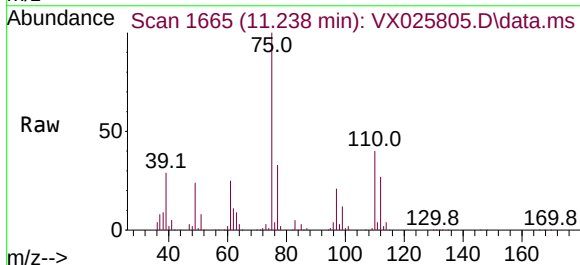
Instrument :
MSVOA_X
ClientSampleId :

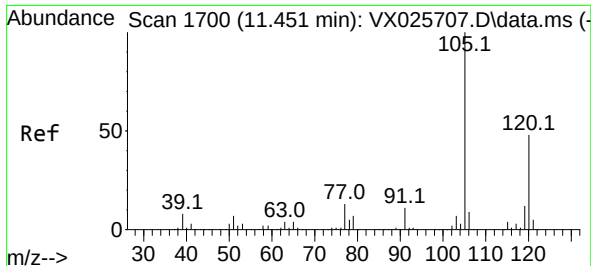
Tgt Ion:105 Resp: 324506
Ion Ratio Lower Upper
105 100
120 26.5 22.3 33.5
77 15.3 11.5 17.3



#61
1,2,3-Trichloropropane
Concen: 50.224 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX025805.D
Acq: 15 Dec 2021 10:07

Tgt Ion: 75 Resp: 85915
Ion Ratio Lower Upper
75 100
77 32.5 25.8 38.8
110 42.2 34.7 52.1





#62

1,3,5-Trimethylbenzene

Concen: 50.615 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX025805.D

Acq: 15 Dec 2021 10:07

Instrument :

MSVOA_X

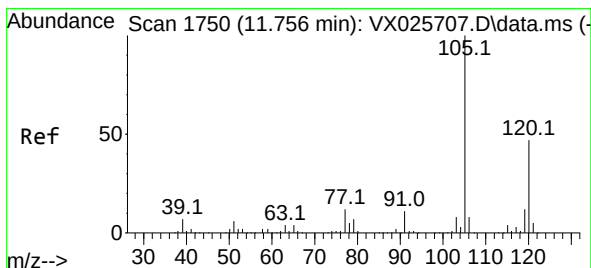
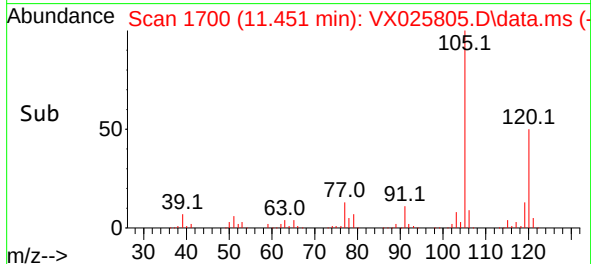
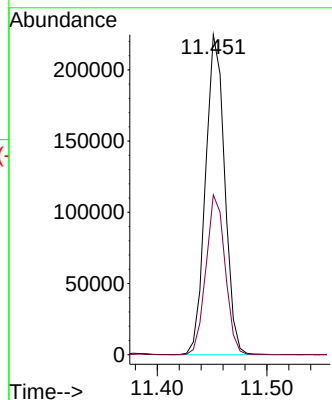
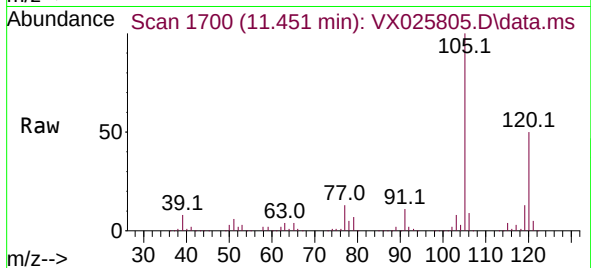
ClientSampleId :

Tgt Ion:105 Resp: 272064

Ion Ratio Lower Upper

105 100

120 49.9 41.0 61.4



#63

1,2,4-Trimethylbenzene

Concen: 50.324 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. -0.006 min

Lab File: VX025805.D

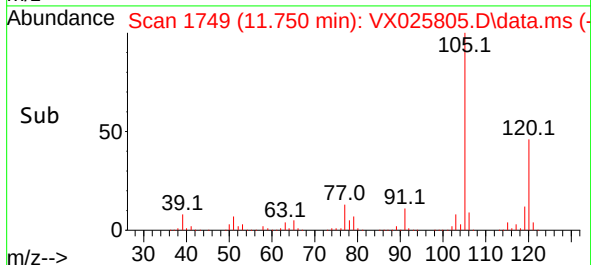
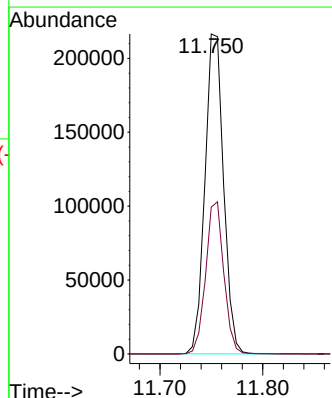
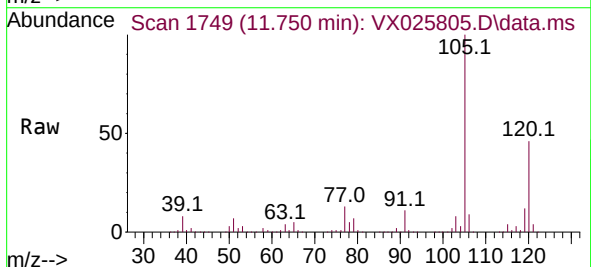
Acq: 15 Dec 2021 10:07

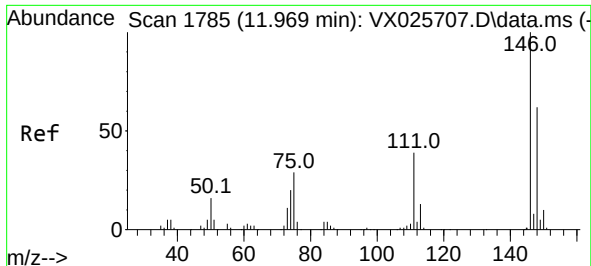
Tgt Ion:105 Resp: 273306

Ion Ratio Lower Upper

105 100

120 46.2 0.1 0.1#

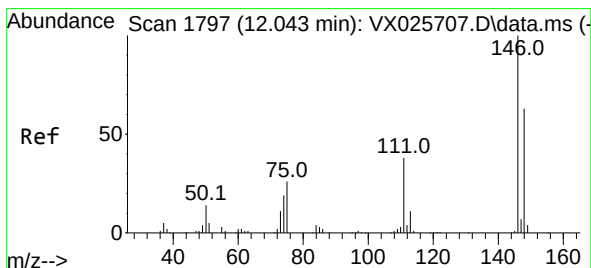
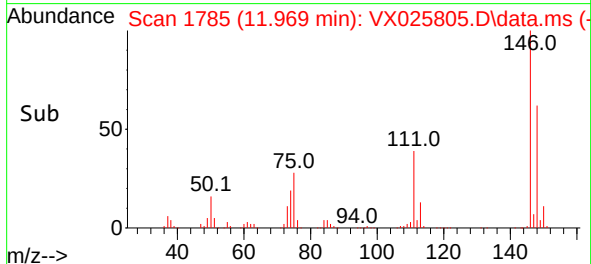
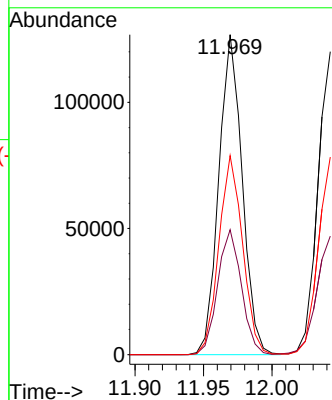
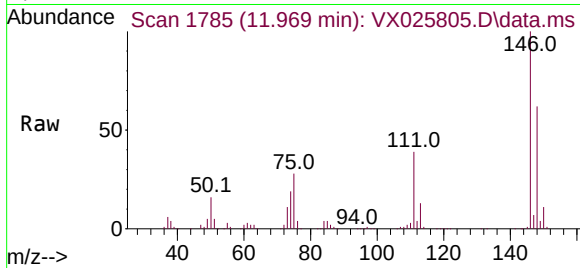




#64
1,3-Dichlorobenzene
Concen: 50.977 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX025805.D
Acq: 15 Dec 2021 10:07

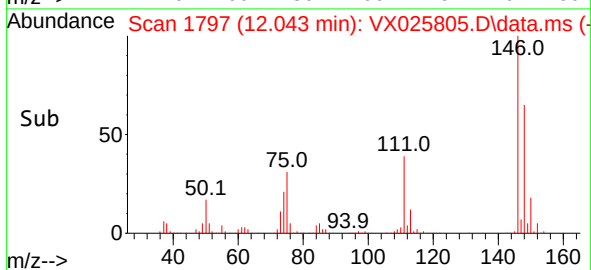
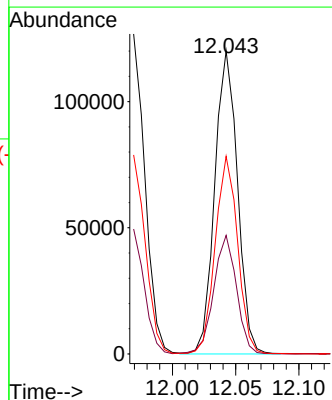
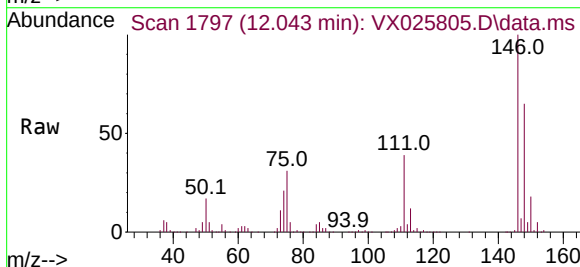
Instrument :
MSVOA_X
ClientSampleId :

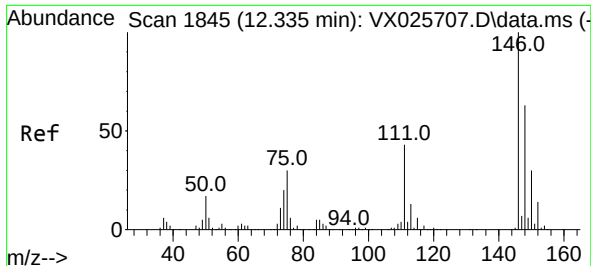
Tgt Ion:146 Resp: 150432
Ion Ratio Lower Upper
146 100
111 39.1 27.6 51.2
148 62.2 45.2 84.0



#65
1,4-Dichlorobenzene
Concen: 50.388 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX025805.D
Acq: 15 Dec 2021 10:07

Tgt Ion:146 Resp: 150196
Ion Ratio Lower Upper
146 100
111 39.2 26.5 49.3
148 65.2 45.5 84.5

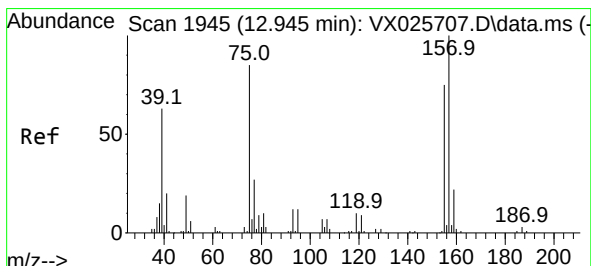
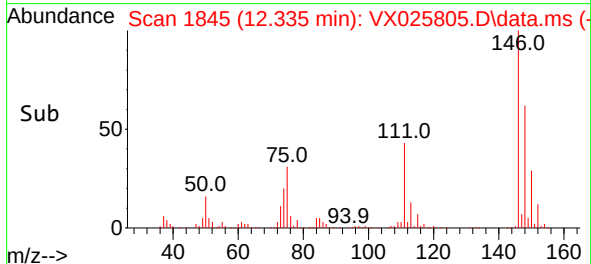
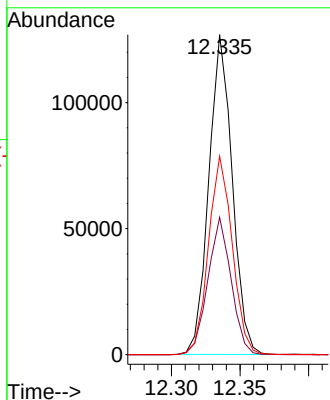
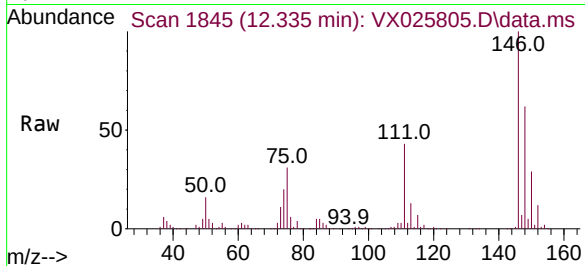




#67
1,2-Dichlorobenzene
Concen: 50.505 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX025805.D
Acq: 15 Dec 2021 10:07

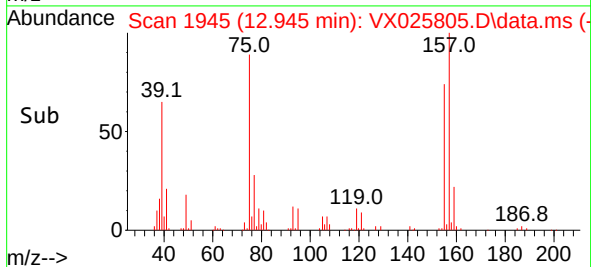
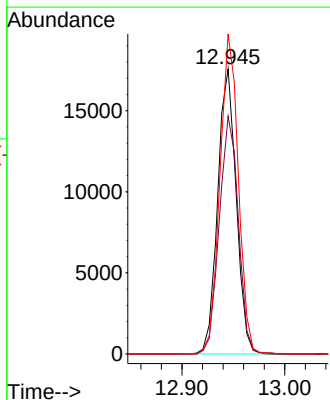
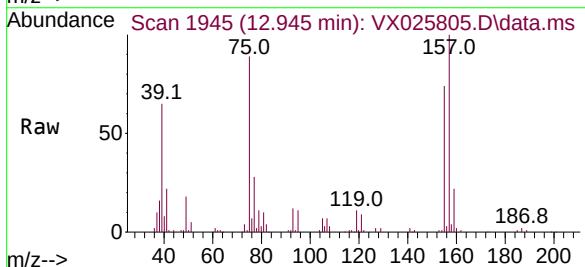
Instrument :
MSVOA_X
ClientSampleId :

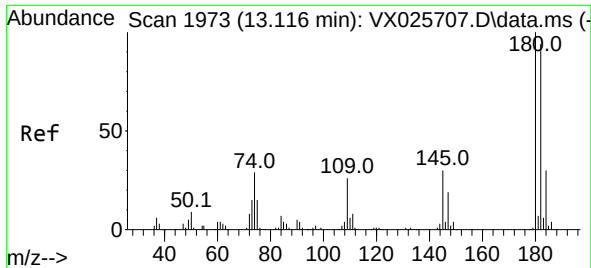
Tgt Ion:146 Resp: 150703
Ion Ratio Lower Upper
146 100
111 42.9 32.3 48.5
148 62.0 50.3 75.5



#68
1,2-Dibromo-3-chloropropane
Concen: 46.065 ug/L
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX025805.D
Acq: 15 Dec 2021 10:07

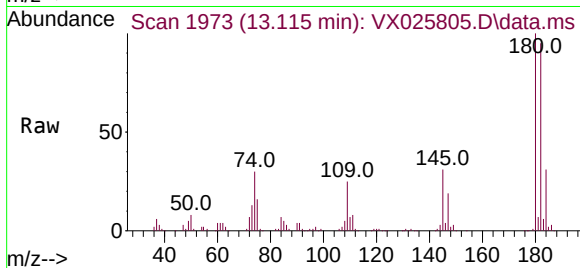
Tgt Ion: 75 Resp: 21900
Ion Ratio Lower Upper
75 100
155 83.5 79.4 119.2
157 112.3 100.4 150.6



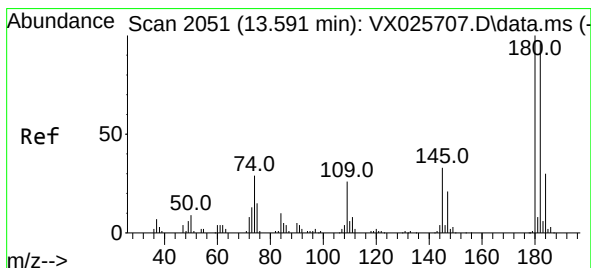
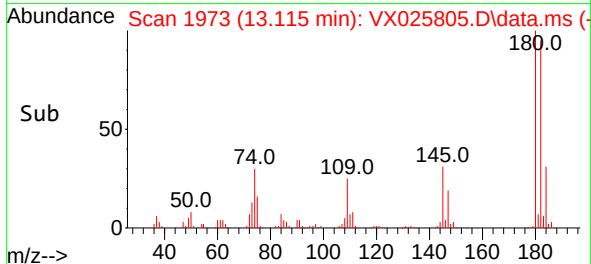
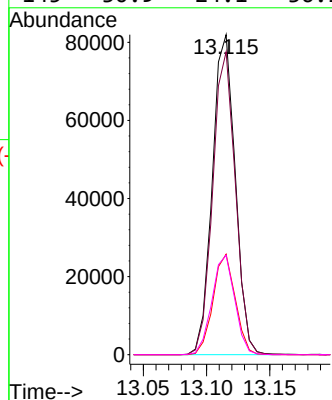


#69
 1,3,5-Trichlorobenzene
 Concen: 47.921 ug/L
 RT: 13.115 min Scan# 1973
 Delta R.T. -0.000 min
 Lab File: VX025805.D
 Acq: 15 Dec 2021 10:07

Instrument :
 MSVOA_X
 ClientSampleId :

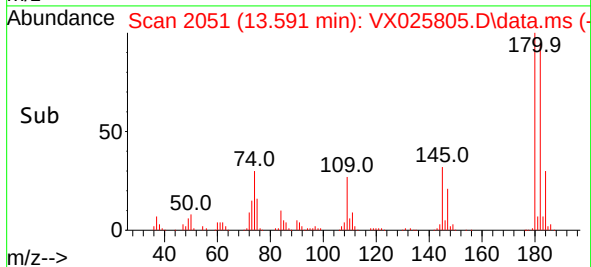
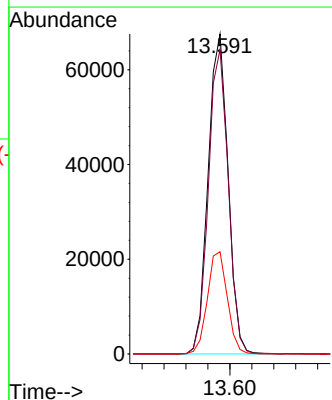
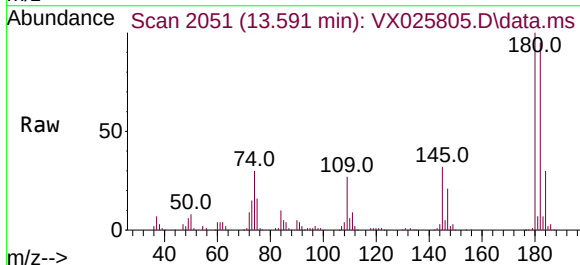


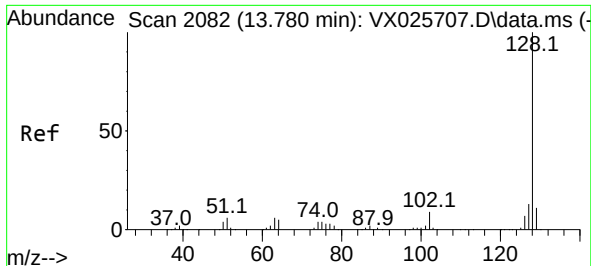
Tgt Ion:180 Resp: 102874
 Ion Ratio Lower Upper
 180 100
 182 93.6 75.3 112.9
 184 30.6 24.6 37.0
 145 30.9 24.1 36.1



#70
 1,2,4-trichlorobenzene
 Concen: 47.368 ug/L
 RT: 13.591 min Scan# 2051
 Delta R.T. -0.000 min
 Lab File: VX025805.D
 Acq: 15 Dec 2021 10:07

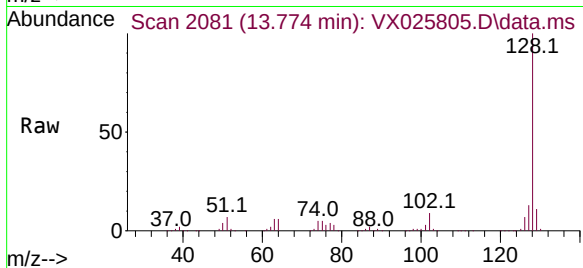
Tgt Ion:180 Resp: 85475
 Ion Ratio Lower Upper
 180 100
 182 94.4 78.2 117.4
 145 31.9 24.7 37.1



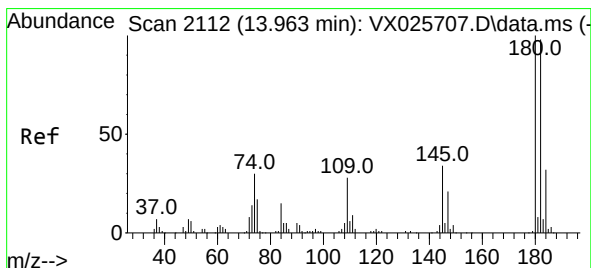
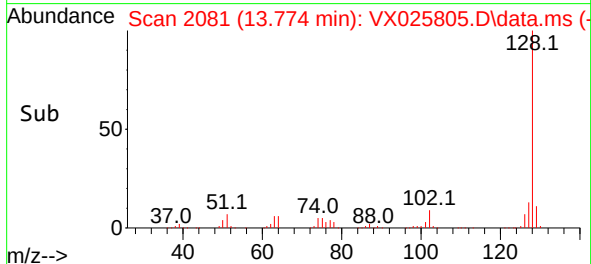
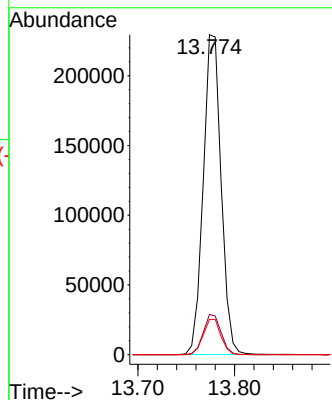


#71
Naphthalene
Concen: 48.405 ug/L
RT: 13.774 min Scan# 2082
Delta R.T. -0.006 min
Lab File: VX025805.D
Acq: 15 Dec 2021 10:07

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 296066
Ion Ratio Lower Upper
128 100
127 12.5 10.1 15.1
129 11.0 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 48.134 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX025805.D
Acq: 15 Dec 2021 10:07

Tgt Ion:180 Resp: 88980
Ion Ratio Lower Upper
180 100
182 94.1 75.2 112.8
145 34.1 25.8 38.6

