

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081522\
 Data File : VX030639.D
 Acq On : 15 Aug 2022 20:29
 Operator : JC/MD
 Sample : N4168-08MSD
 Misc : 7.82g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EX9B5MSD

Quant Time: Aug 16 04:33:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 16 04:27:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	301147	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	264478	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	129206	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	59781	30.912	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	61.820%
7) Chloroethane-d5	1.654	69	25533	18.729	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	37.460%#
11) 1,1-Dichloroethene-d2	2.276	63	157578	43.075	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.160%
21) 2-Butanone-d5	4.507	46	194511	108.552	ug/L	0.04
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.550%
24) Chloroform-d	5.068	84	193322	48.561	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.120%
26) 1,2-Dichloroethane-d4	5.958	65	129838	48.032	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.060%
32) Benzene-d6	5.970	84	329834	43.537	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.080%
36) 1,2-Dichloropropane-d6	7.312	67	120178	48.894	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.780%
41) Toluene-d8	8.653	98	294689	41.267	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.540%
43) trans-1,3-Dichloroprop...	8.958	79	49096	40.151	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.300%
47) 2-Hexanone-d5	9.409	63	131377	104.861	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.860%
56) 1,1,2,2-Tetrachloroeth...	11.201	84	174634	54.084	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.160%
66) 1,2-Dichlorobenzene-d4	12.323	152	109834	43.827	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.660%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	100072	44.161	ug/L	99
3) Chloromethane	1.288	50	93984	48.234	ug/L	97
5) Vinyl chloride	1.374	62	100357	48.219	ug/L	97
6) Bromomethane	1.605	94	17739	18.137	ug/L	99
8) Chloroethane	1.672	64	30099	25.389	ug/L	97
9) Trichlorofluoromethane	1.849	101	69421	22.569	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.294	101	100914	55.158	ug/L	97
12) 1,1-Dichloroethene	2.288	96	92495	54.875	ug/L #	72
13) Acetone	2.428	43	124764	95.004	ug/L	98
14) Carbon disulfide	2.477	76	206843	37.862	ug/L	99
15) Methyl Acetate	2.727	43	145946	53.691	ug/L	99
16) Methylene chloride	2.776	84	111177	52.018	ug/L	97
17) trans-1,2-Dichloroethene	3.075	96	98053	50.213	ug/L	98
18) Methyl tert-butyl Ether	3.135	73	375534	56.550	ug/L	99
19) 1,1-Dichloroethane	3.605	63	205711	54.466	ug/L	100
20) cis-1,2-Dichloroethene	4.483	96	115333	52.504	ug/L	96
22) 2-Butanone	4.605	43	199139	96.124	ug/L	97
23) Bromochloromethane	4.903	128	54920	49.855	ug/L	95
25) Chloroform	5.099	83	219251	55.251	ug/L	97

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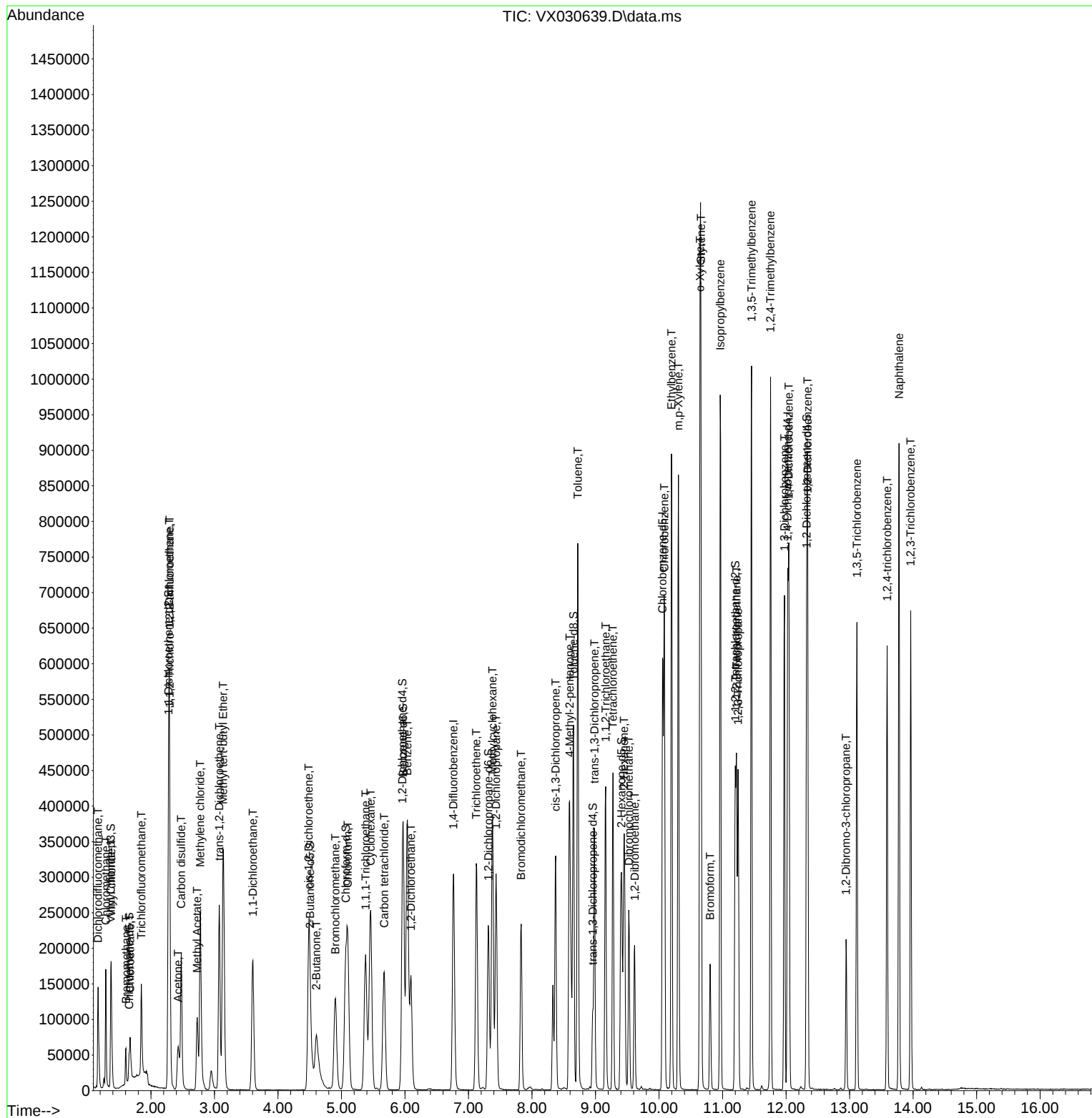
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	179040	54.209	ug/L	97
29) Cyclohexane	5.458	56	173738	49.413	ug/L	100
30) 1,1,1-Trichloroethane	5.379	97	181406	51.999	ug/L	99
31) Carbon tetrachloride	5.672	117	143821	49.950	ug/L	98
33) Benzene	6.037	78	452844	53.403	ug/L	100
34) Trichloroethene	7.123	95	122400	49.838	ug/L	92
35) Methylcyclohexane	7.379	83	168328	47.080	ug/L	99
37) 1,2-Dichloropropane	7.433	63	123186	54.637	ug/L	100
38) Bromodichloromethane	7.830	83	151865	50.894	ug/L	97
39) cis-1,3-Dichloropropene	8.372	75	168744	50.172	ug/L	99
40) 4-Methyl-2-pentanone	8.592	43	387094	98.590	ug/L	98
42) Toluene	8.720	91	478579	53.425	ug/L	98
44) trans-1,3-Dichloropropene	8.982	75	164768	50.052	ug/L	97
45) 1,1,2-Trichloroethane	9.159	97	112841	53.824	ug/L	98
46) Tetrachloroethene	9.275	164	76414	49.232	ug/L	97
48) 2-Hexanone	9.451	43	313935	102.908	ug/L	97
49) Dibromochloromethane	9.525	129	107993	48.419	ug/L	98
50) 1,2-Dibromoethane	9.616	107	117508	50.969	ug/L	98
51) Chlorobenzene	10.085	112	296006	53.040	ug/L	98
52) Ethylbenzene	10.195	91	516188	52.848	ug/L	97
53) m,p-Xylene	10.305	106	188746	51.845	ug/L	99
54) o-Xylene	10.646	106	188829	52.052	ug/L	99
55) Styrene	10.659	104	328358	53.756	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.219	83	176482	55.325	ug/L	100
59) Bromoform	10.805	173	64441	45.800	ug/L	99
60) Isopropylbenzene	10.963	105	505624	55.209	ug/L	100
61) 1,2,3-Trichloropropane	11.244	75	151027	54.429	ug/L	99
62) 1,3,5-Trimethylbenzene	11.457	105	431268	55.157	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	421493	53.379	ug/L	99
64) 1,3-Dichlorobenzene	11.975	146	207337	52.079	ug/L	95
65) 1,4-Dichlorobenzene	12.042	146	210375	51.980	ug/L	93
67) 1,2-Dichlorobenzene	12.341	146	213392	51.831	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	42235	46.143	ug/L	92
69) 1,3,5-Trichlorobenzene	13.115	180	142641	51.089	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	128664	52.473	ug/L	96
71) Naphthalene	13.780	128	532246	52.439	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	139714	53.942	ug/L	99

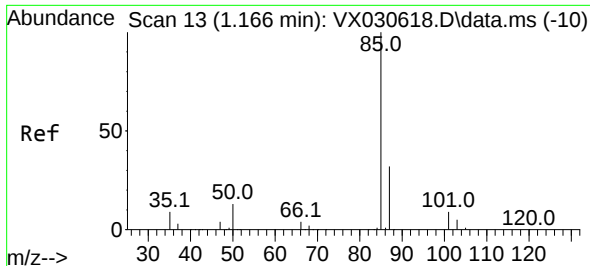
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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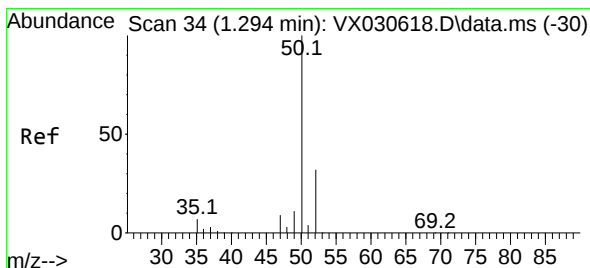
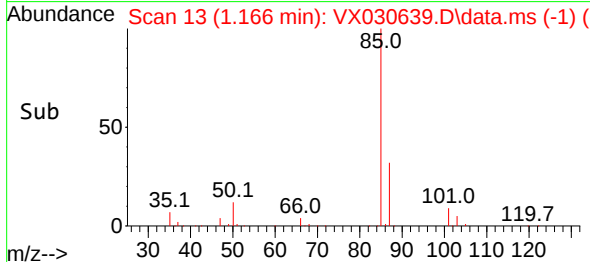
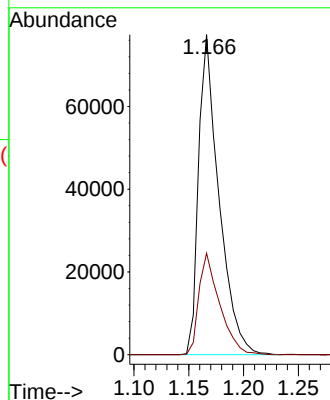
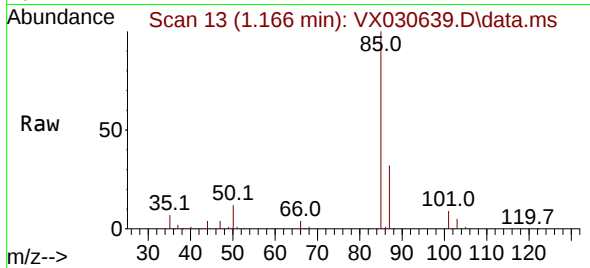




#2
 Dichlorodifluoromethane
 Concen: 44.161 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX030639.D
 Acq: 15 Aug 2022 20:29

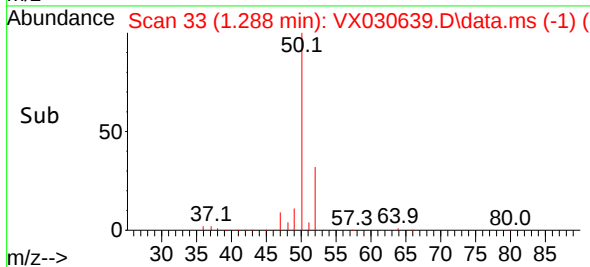
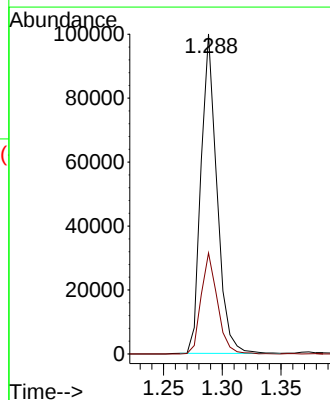
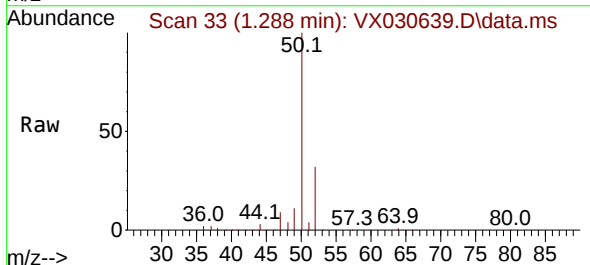
Instrument :
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 ClientSampleId :
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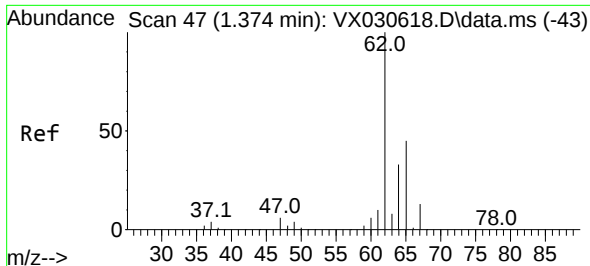
Tgt Ion: 85 Resp: 100072
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.6 38.4



#3
 Chloromethane
 Concen: 48.234 ug/L
 RT: 1.288 min Scan# 33
 Delta R.T. -0.006 min
 Lab File: VX030639.D
 Acq: 15 Aug 2022 20:29

Tgt Ion: 50 Resp: 93984
 Ion Ratio Lower Upper
 50 100
 52 31.5 23.3 43.3

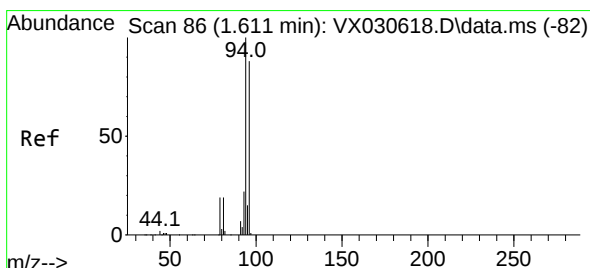
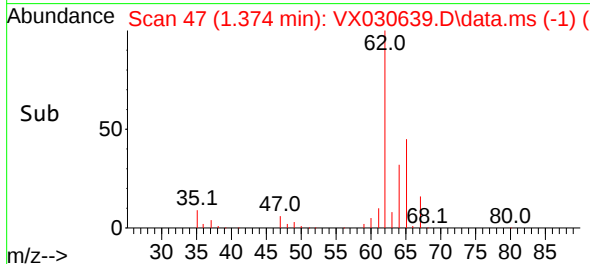
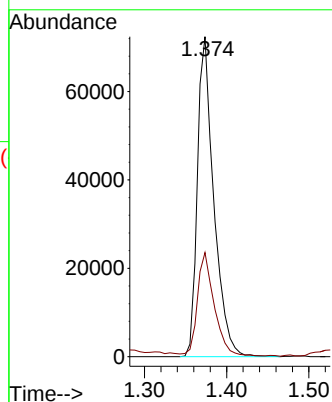
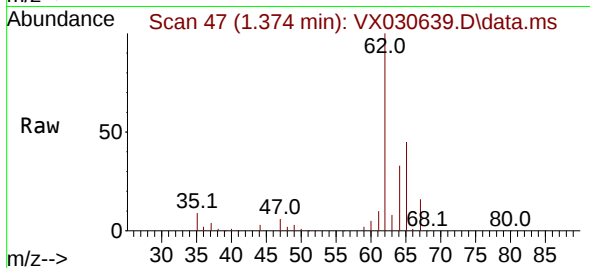




#5
 Vinyl chloride
 Concen: 48.219 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX030639.D
 Acq: 15 Aug 2022 20:29

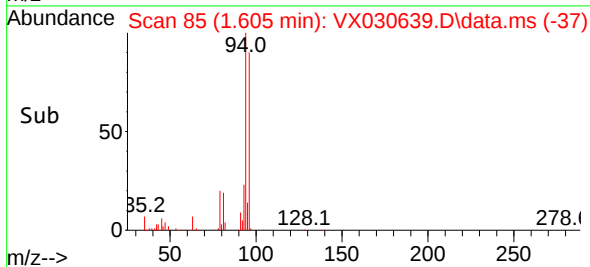
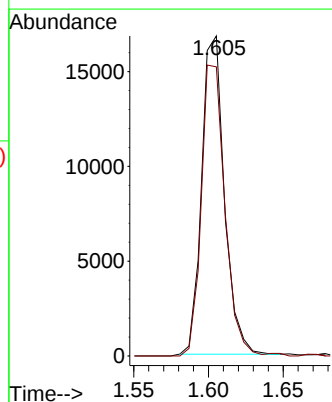
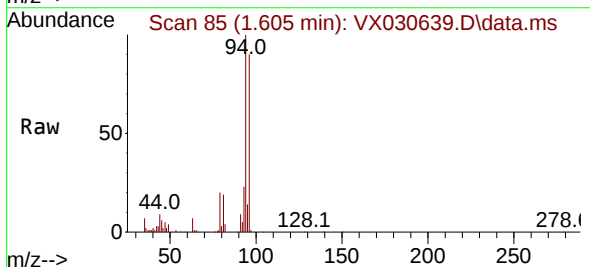
Instrument :
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 ClientSampleId :
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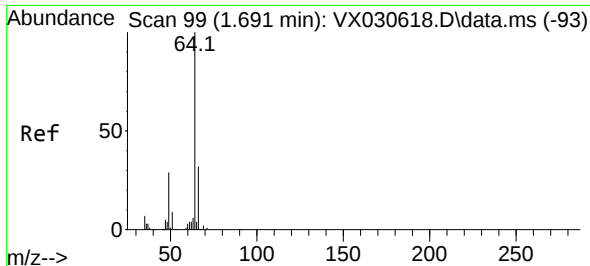
Tgt Ion: 62 Resp: 100357
 Ion Ratio Lower Upper
 62 100
 64 32.5 23.8 44.2



#6
 Bromomethane
 Concen: 18.137 ug/L
 RT: 1.605 min Scan# 85
 Delta R.T. -0.006 min
 Lab File: VX030639.D
 Acq: 15 Aug 2022 20:29

Tgt Ion: 94 Resp: 17739
 Ion Ratio Lower Upper
 94 100
 96 90.3 63.8 118.6

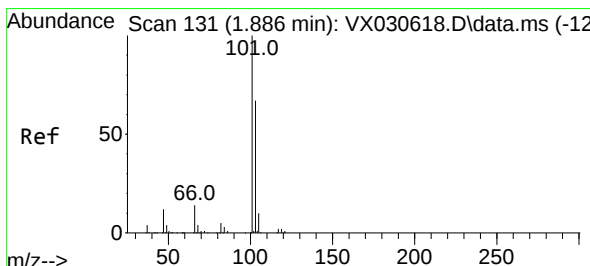
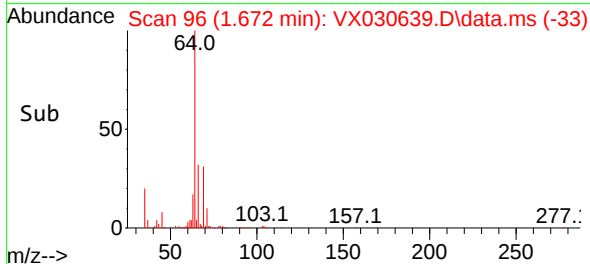
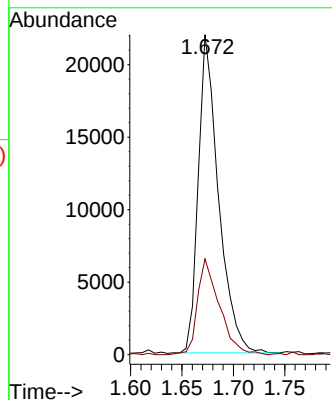
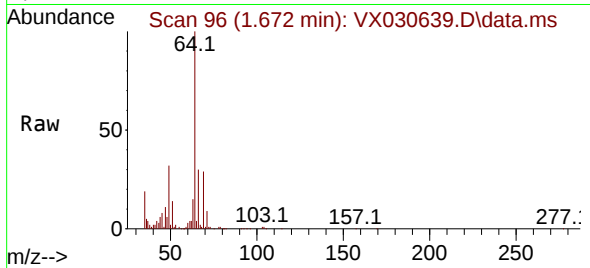




#8
Chloroethane
Concen: 25.389 ug/L
RT: 1.672 min Scan# 90
Delta R.T. -0.018 min
Lab File: VX030639.D
Acq: 15 Aug 2022 20:29

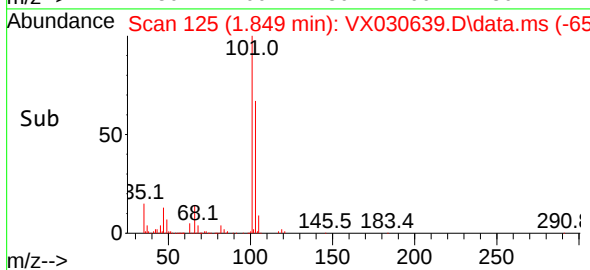
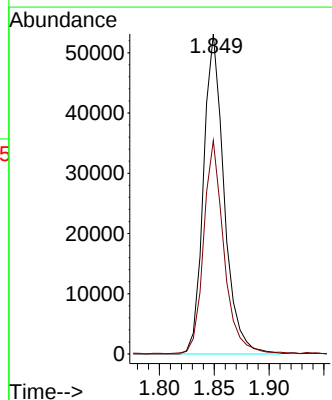
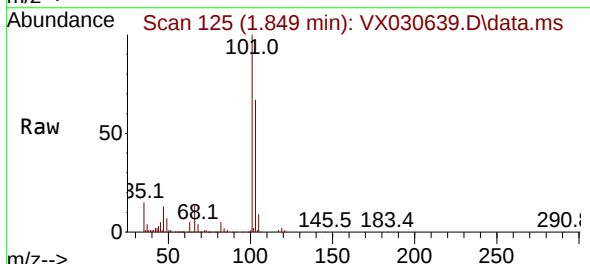
Instrument :
MSVOA_X
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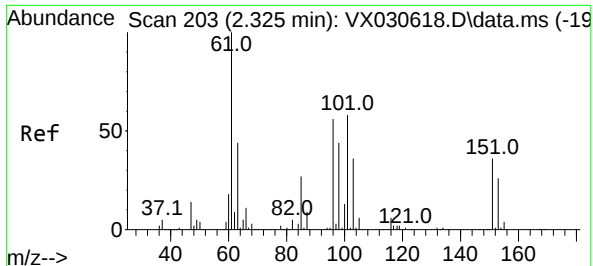
Tgt Ion: 64 Resp: 30099
Ion Ratio Lower Upper
64 100
66 29.9 22.1 41.1



#9
Trichlorofluoromethane
Concen: 22.569 ug/L
RT: 1.849 min Scan# 125
Delta R.T. -0.037 min
Lab File: VX030639.D
Acq: 15 Aug 2022 20:29

Tgt Ion: 101 Resp: 69421
Ion Ratio Lower Upper
101 100
103 65.5 51.5 77.3





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 55.158 ug/L

RT: 2.294 min Scan# 198

Delta R.T. -0.031 min

Lab File: VX030639.D

Acq: 15 Aug 2022 20:29

Instrument :

MSVOA_X

ClientSampleId :

EX9B5MSD

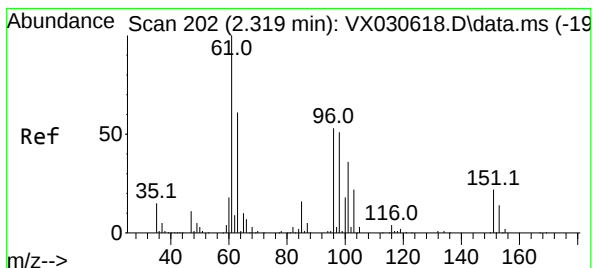
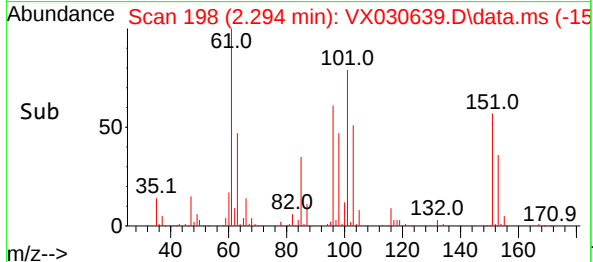
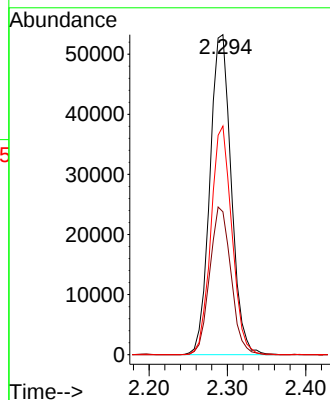
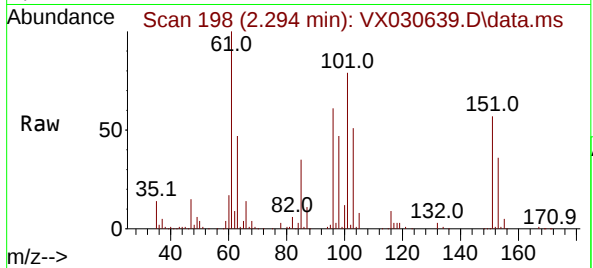
Tgt Ion:101 Resp: 100914

Ion Ratio Lower Upper

101 100

85 45.9 35.3 52.9

151 70.1 58.3 87.5



#12

1,1-Dichloroethene

Concen: 54.875 ug/L

RT: 2.288 min Scan# 197

Delta R.T. -0.031 min

Lab File: VX030639.D

Acq: 15 Aug 2022 20:29

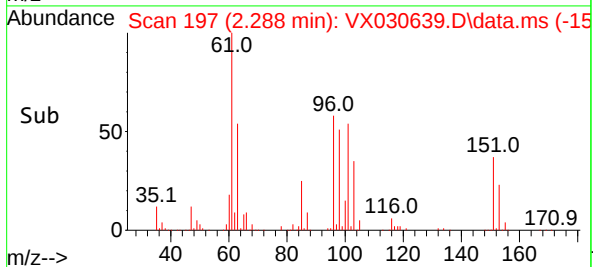
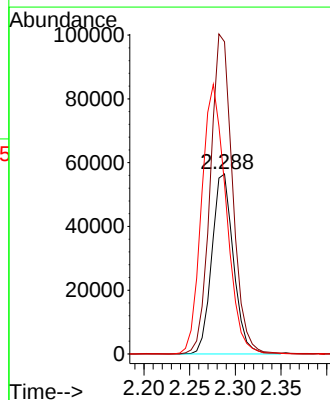
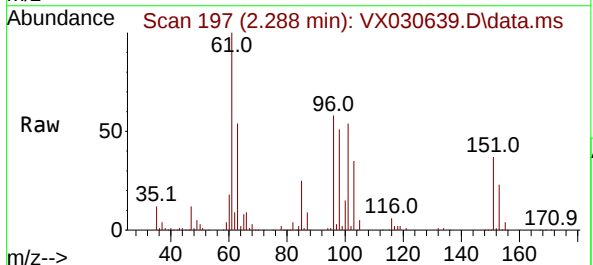
Tgt Ion: 96 Resp: 92495

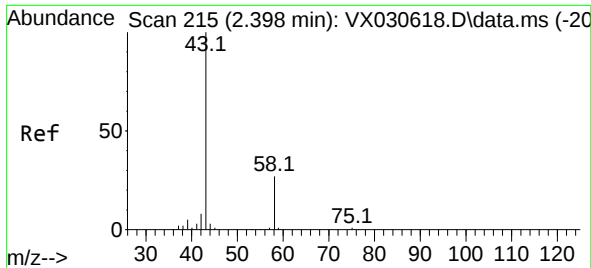
Ion Ratio Lower Upper

96 100

61 173.4 130.2 241.8

63 94.4 113.5 210.9#





#13

Acetone

Concen: 95.004 ug/L

RT: 2.428 min Scan# 21

Delta R.T. 0.030 min

Lab File: VX030639.D

Acq: 15 Aug 2022 20:29

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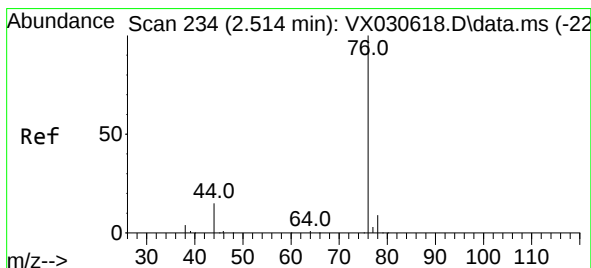
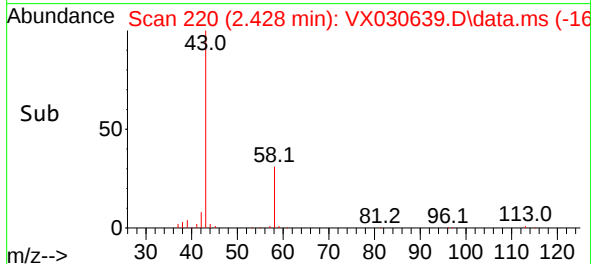
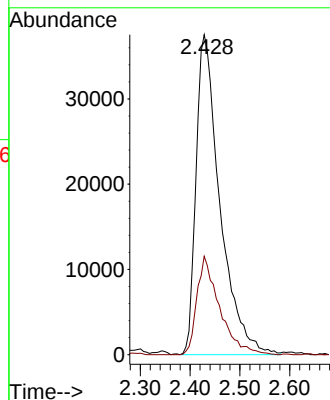
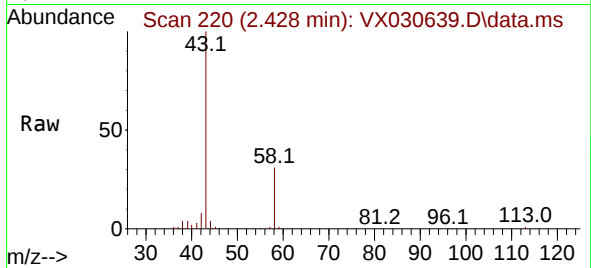
EX9B5MSD

Tgt Ion: 43 Resp: 124764

Ion Ratio Lower Upper

43 100

58 27.9 0.0 57.8



#14

Carbon disulfide

Concen: 37.862 ug/L

RT: 2.477 min Scan# 228

Delta R.T. -0.037 min

Lab File: VX030639.D

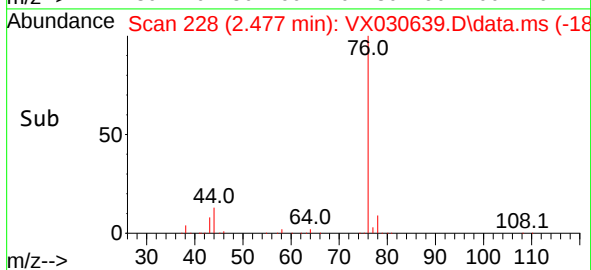
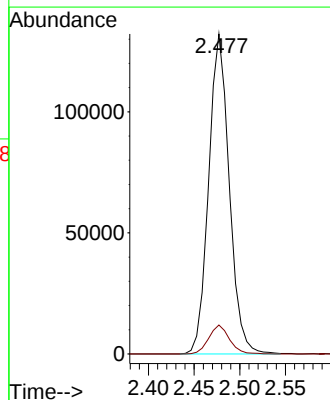
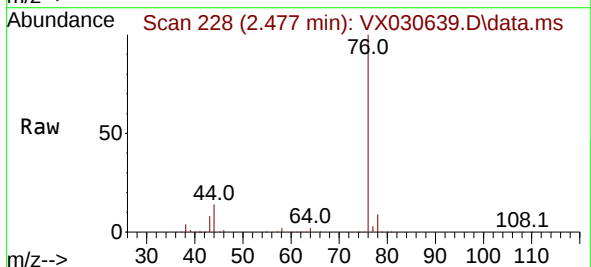
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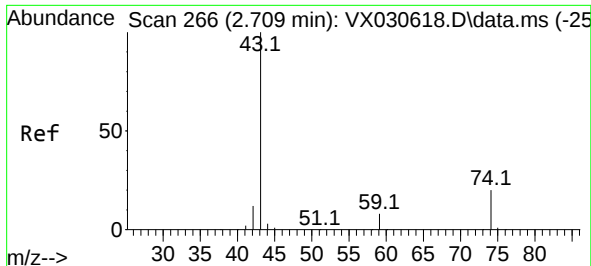
Tgt Ion: 76 Resp: 206843

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.2

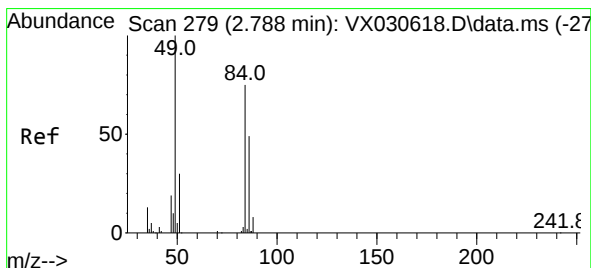
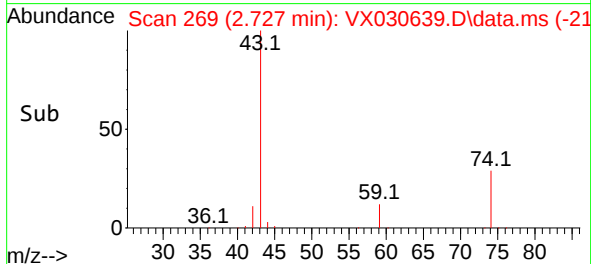
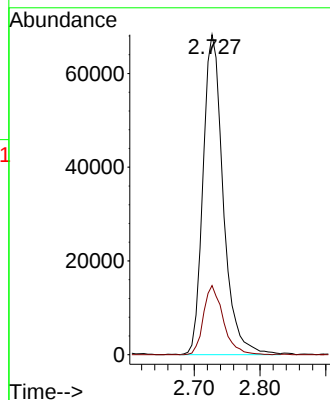
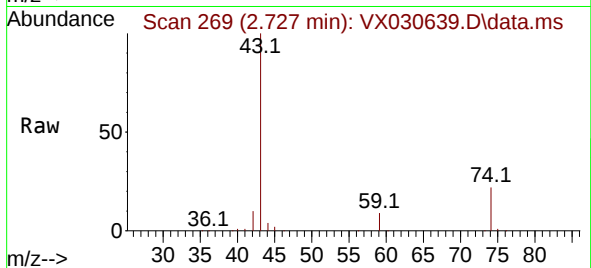




#15
Methyl Acetate
Concen: 53.691 ug/L
RT: 2.727 min Scan# 20
Delta R.T. 0.018 min
Lab File: VX030639.D
Acq: 15 Aug 2022 20:29

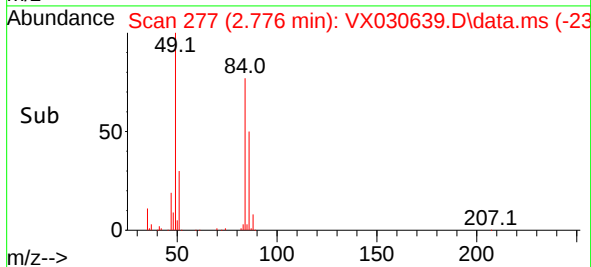
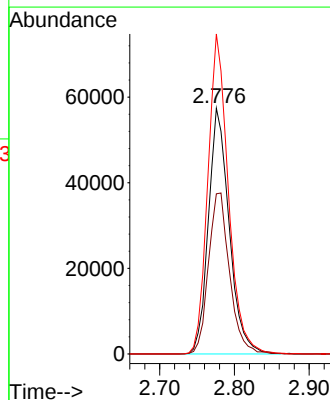
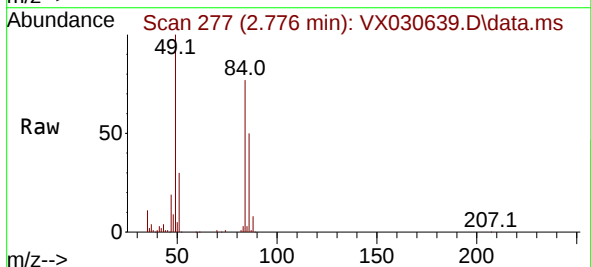
Instrument :
MSVOA_X
ClientSampleId :
EX9B5MSD

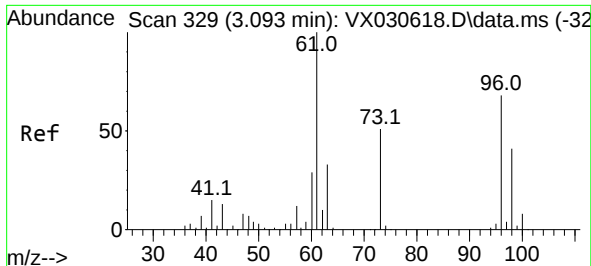
Tgt Ion: 43 Resp: 145946
Ion Ratio Lower Upper
43 100
74 21.2 17.2 25.8



#16
Methylene chloride
Concen: 52.018 ug/L
RT: 2.776 min Scan# 277
Delta R.T. -0.012 min
Lab File: VX030639.D
Acq: 15 Aug 2022 20:29

Tgt Ion: 84 Resp: 111177
Ion Ratio Lower Upper
84 100
86 65.2 44.2 82.2
49 130.2 89.0 165.2





#17

trans-1,2-Dichloroethene

Concen: 50.213 ug/L

RT: 3.075 min Scan# 31

Delta R.T. -0.018 min

Lab File: VX030639.D

Acq: 15 Aug 2022 20:29

Instrument :

MSVOA_X

ClientSampleId :

EX9B5MSD

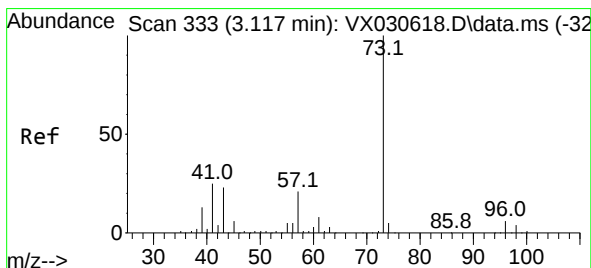
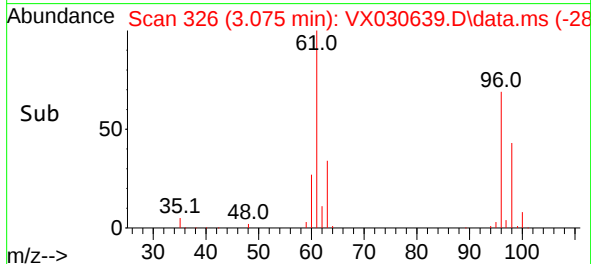
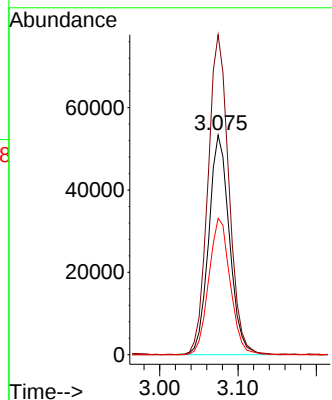
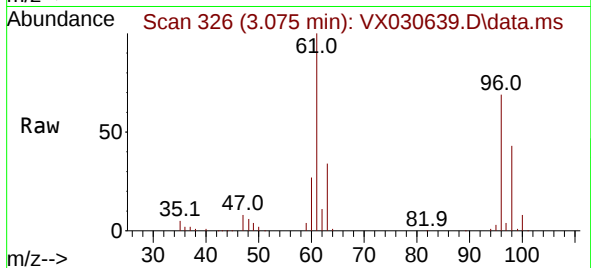
Tgt Ion: 96 Resp: 98053

Ion Ratio Lower Upper

96 100

61 145.8 103.7 192.5

98 62.1 41.5 77.1



#18

Methyl tert-butyl Ether

Concen: 56.550 ug/L

RT: 3.135 min Scan# 336

Delta R.T. 0.018 min

Lab File: VX030639.D

Acq: 15 Aug 2022 20:29

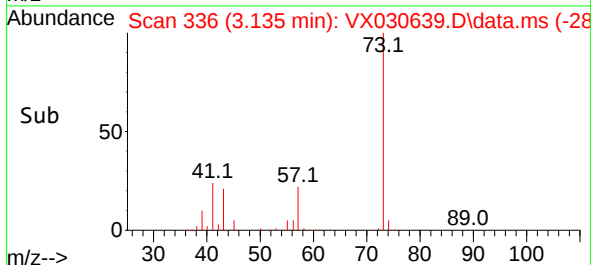
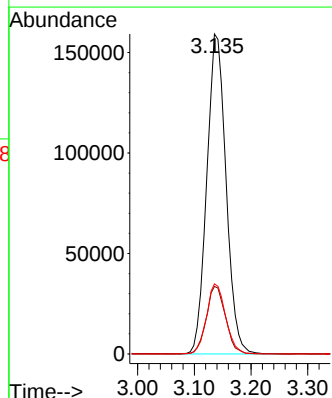
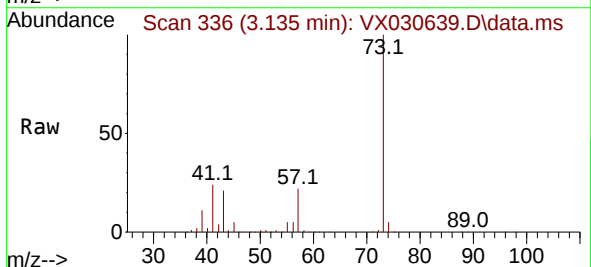
Tgt Ion: 73 Resp: 375534

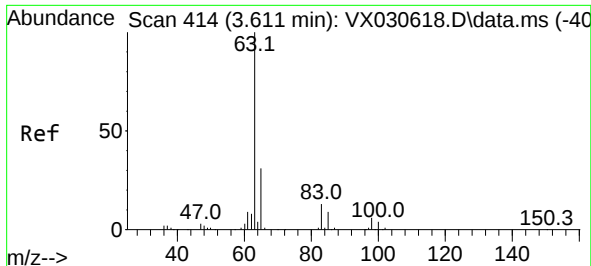
Ion Ratio Lower Upper

73 100

43 21.0 17.6 26.4

57 21.7 17.5 26.3





#19

1,1-Dichloroethane

Concen: 54.466 ug/L

RT: 3.605 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX030639.D

Acq: 15 Aug 2022 20:29

Instrument :

MSVOA_X

ClientSampleId :

EX9B5MSD

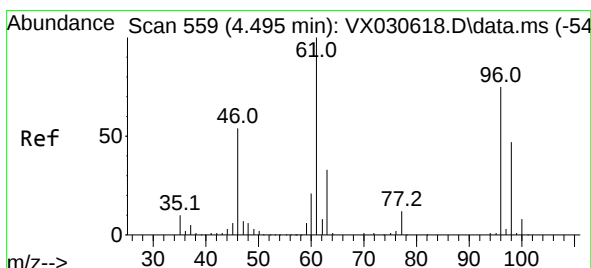
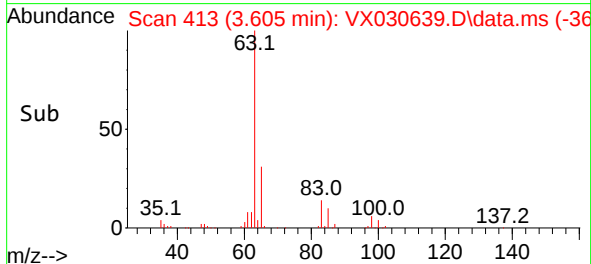
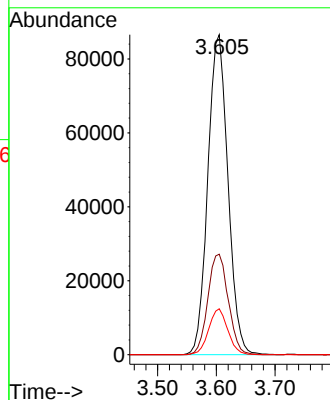
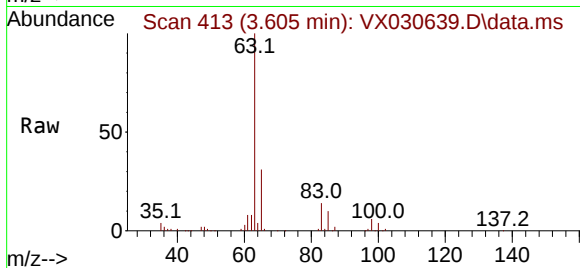
Tgt Ion: 63 Resp: 205711

Ion Ratio Lower Upper

63 100

65 31.4 22.0 40.8

83 14.4 9.9 18.3



#20

cis-1,2-Dichloroethene

Concen: 52.504 ug/L

RT: 4.483 min Scan# 557

Delta R.T. -0.012 min

Lab File: VX030639.D

Acq: 15 Aug 2022 20:29

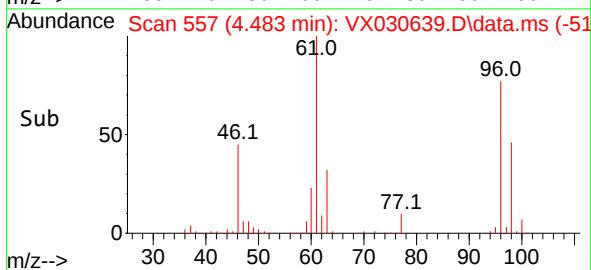
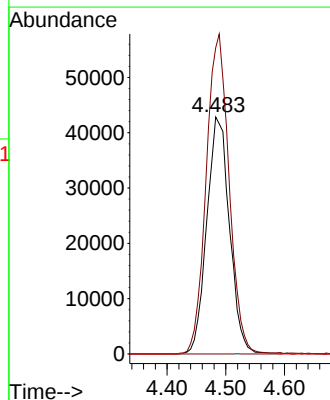
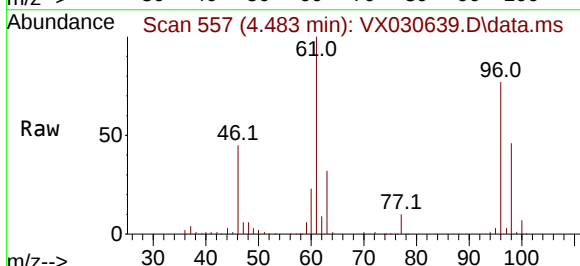
Tgt Ion: 96 Resp: 115333

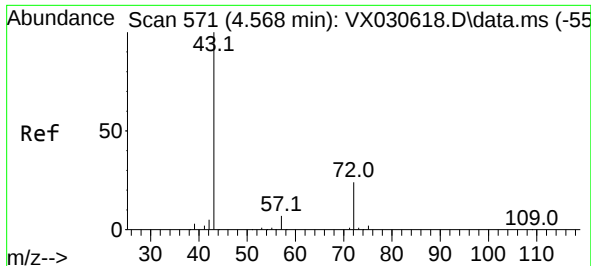
Ion Ratio Lower Upper

96 100

61 129.3 94.0 174.6

68 0.0 0.0 0.0

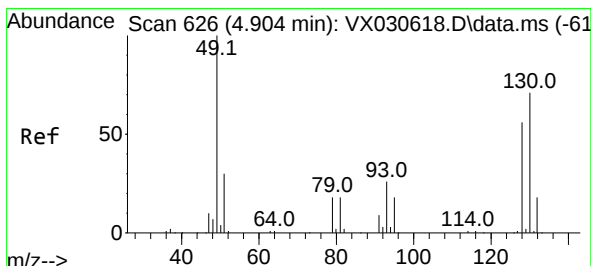
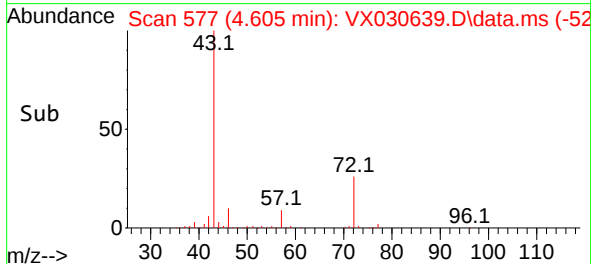
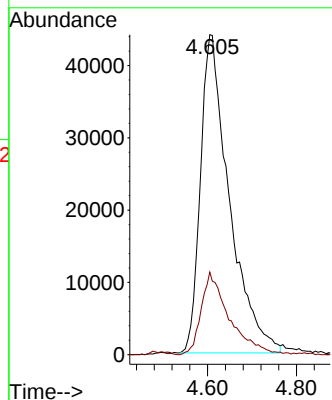
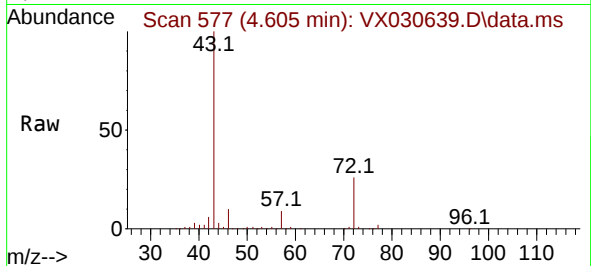




#22
2-Butanone
Concen: 96.124 ug/L
RT: 4.605 min Scan# 571
Delta R.T. 0.036 min
Lab File: VX030639.D
Acq: 15 Aug 2022 20:29

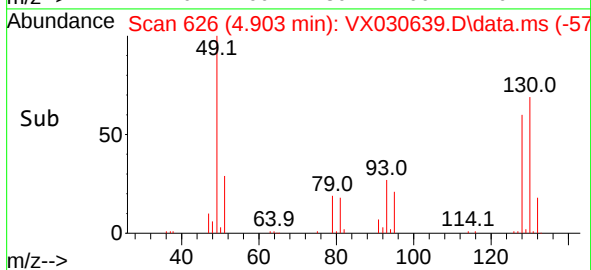
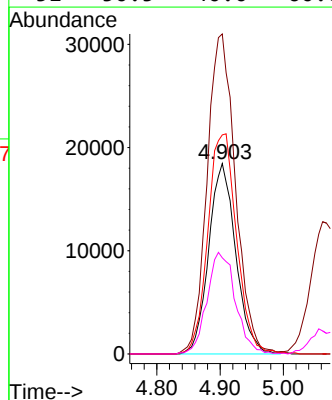
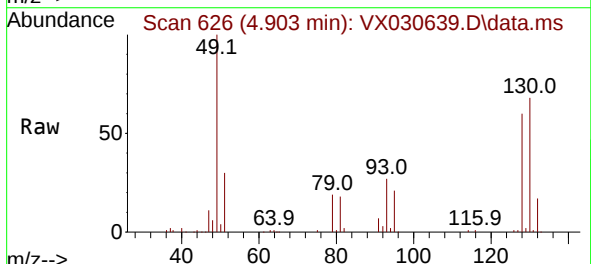
Instrument :
MSVOA_X
ClientSampleId :
EX9B5MSD

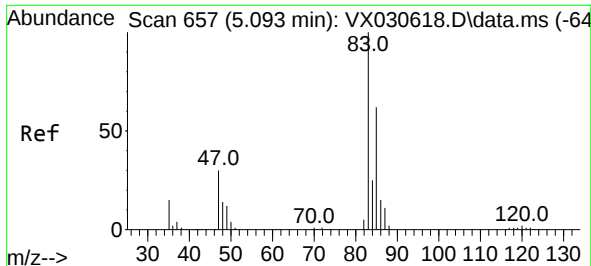
Tgt Ion: 43 Resp: 199139
Ion Ratio Lower Upper
43 100
72 25.0 11.7 35.1



#23
Bromochloromethane
Concen: 49.855 ug/L
RT: 4.903 min Scan# 626
Delta R.T. -0.000 min
Lab File: VX030639.D
Acq: 15 Aug 2022 20:29

Tgt Ion:128 Resp: 54920
Ion Ratio Lower Upper
128 100
49 168.0 116.8 216.8
130 115.0 90.3 167.7
51 50.5 40.0 60.0





#25

Chloroform

Concen: 55.251 ug/L

RT: 5.099 min Scan# 6

Delta R.T. 0.006 min

Lab File: VX030639.D

Acq: 15 Aug 2022 20:29

Instrument :

MSVOA_X

ClientSampleId :

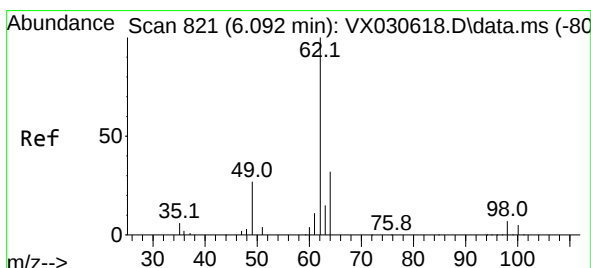
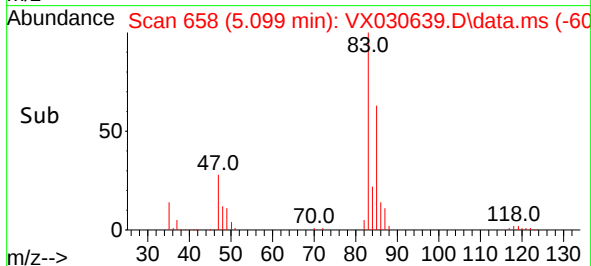
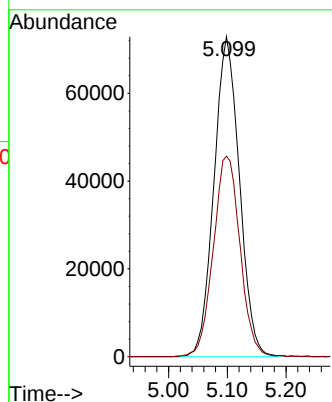
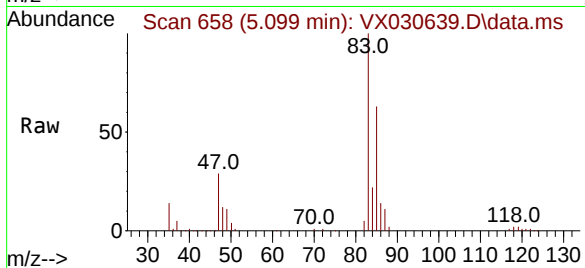
EX9B5MSD

Tgt Ion: 83 Resp: 219251

Ion Ratio Lower Upper

83 100

85 62.6 45.6 84.6



#27

1,2-Dichloroethane

Concen: 54.209 ug/L

RT: 6.092 min Scan# 821

Delta R.T. -0.000 min

Lab File: VX030639.D

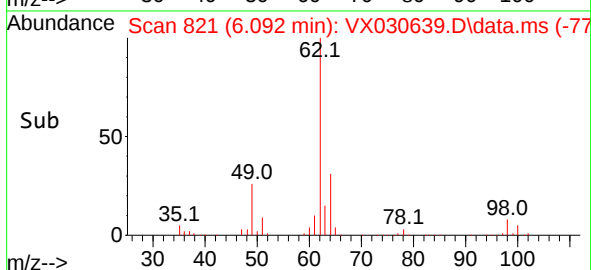
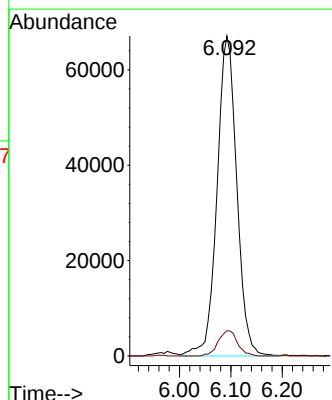
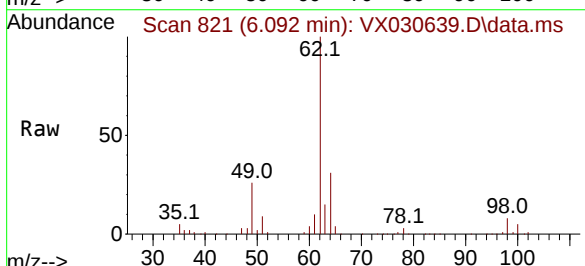
Acq: 15 Aug 2022 20:29

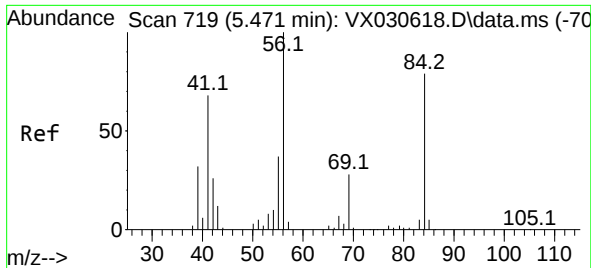
Tgt Ion: 62 Resp: 179040

Ion Ratio Lower Upper

62 100

98 7.9 7.0 10.6

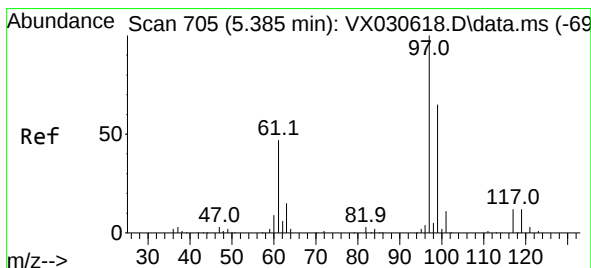
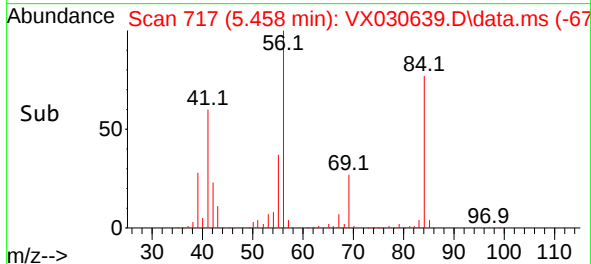
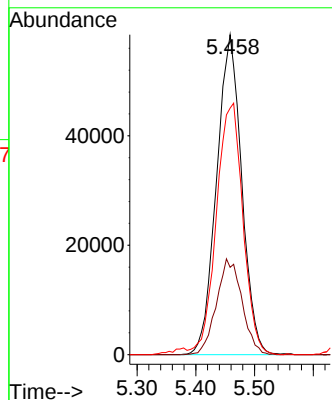
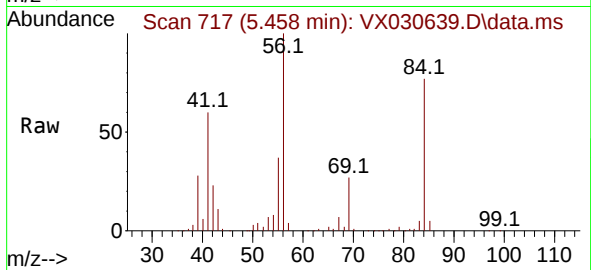




#29
Cyclohexane
Concen: 49.413 ug/L
RT: 5.458 min Scan# 719
Delta R.T. -0.012 min
Lab File: VX030639.D
Acq: 15 Aug 2022 20:29

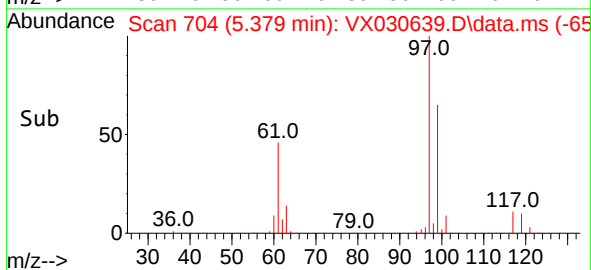
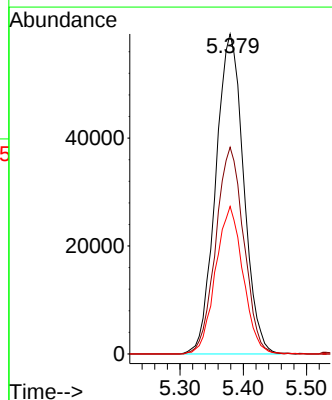
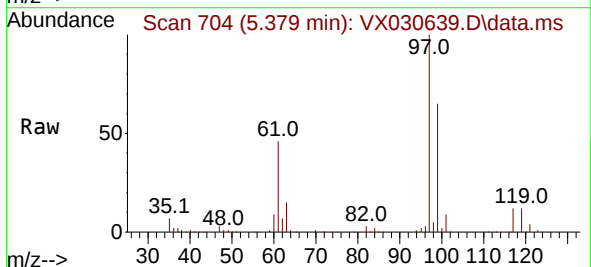
Instrument :
MSVOA_X
ClientSampleId :
EX9B5MSD

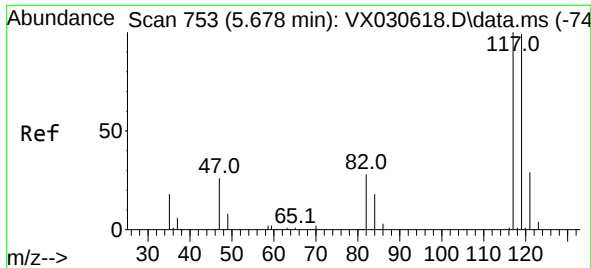
Tgt Ion: 56 Resp: 173738
Ion Ratio Lower Upper
56 100
69 30.4 24.3 36.5
84 83.1 66.7 100.1



#30
1,1,1-Trichloroethane
Concen: 51.999 ug/L
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX030639.D
Acq: 15 Aug 2022 20:29

Tgt Ion: 97 Resp: 181406
Ion Ratio Lower Upper
97 100
99 64.8 51.4 77.0
61 45.5 37.0 55.6

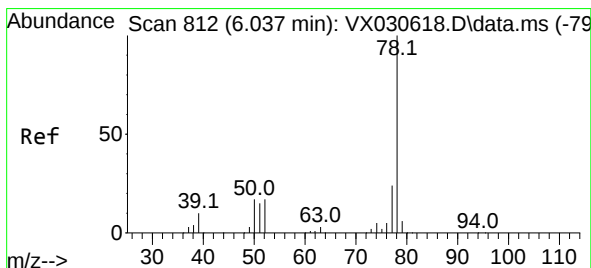
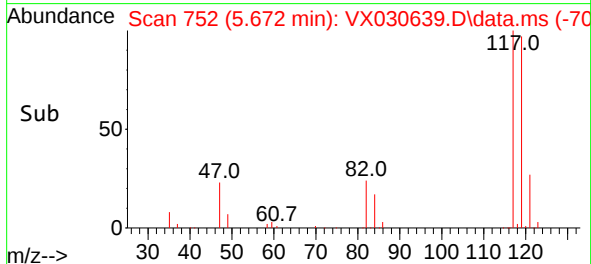
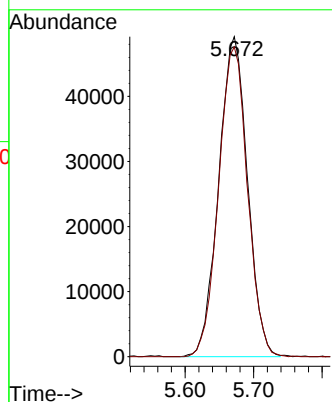
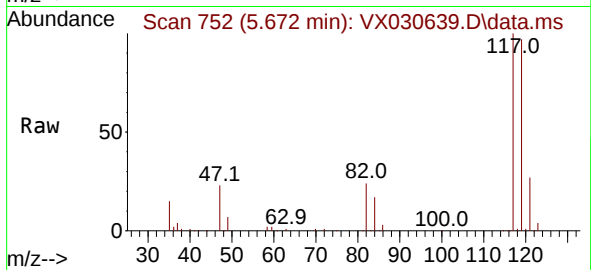




#31
Carbon tetrachloride
Concen: 49.950 ug/L
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX030639.D
Acq: 15 Aug 2022 20:29

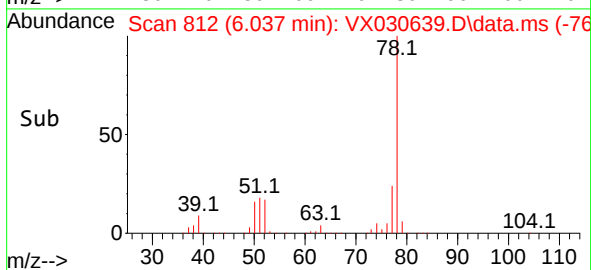
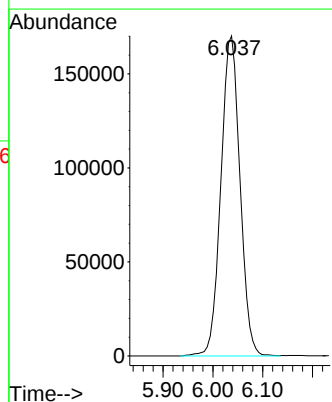
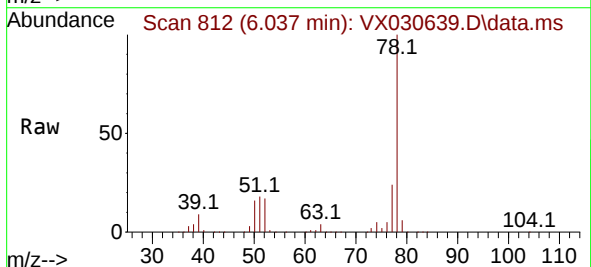
Instrument :
MSVOA_X
ClientSampleId :
EX9B5MSD

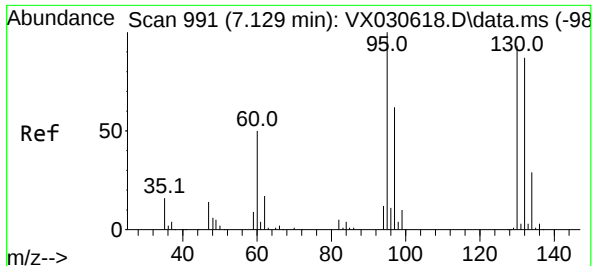
Tgt Ion:117 Resp: 143821
Ion Ratio Lower Upper
117 100
119 96.8 76.2 114.2



#33
Benzene
Concen: 53.403 ug/L
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX030639.D
Acq: 15 Aug 2022 20:29

Tgt Ion: 78 Resp: 452844

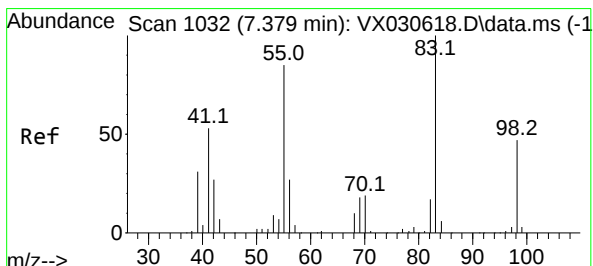
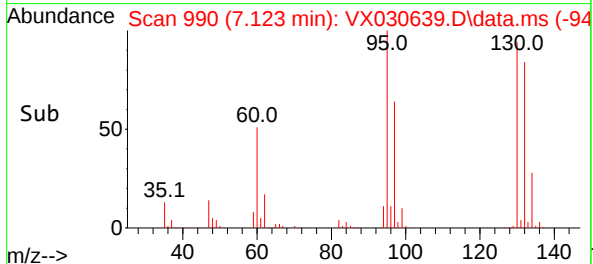
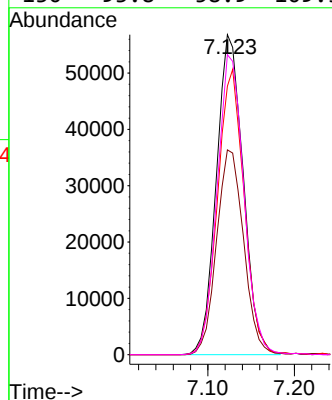
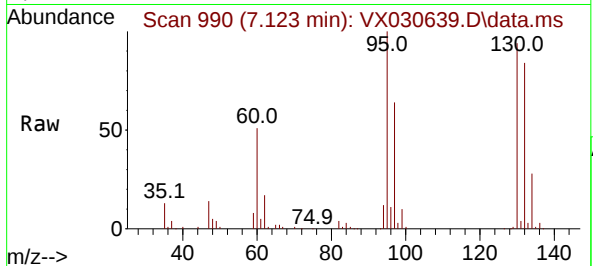




#34
Trichloroethene
Concen: 49.838 ug/L
RT: 7.123 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX030639.D
Acq: 15 Aug 2022 20:29

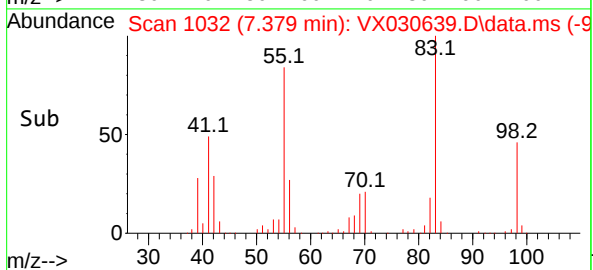
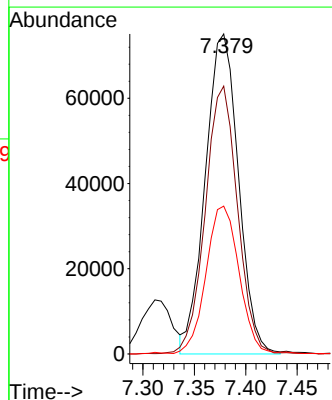
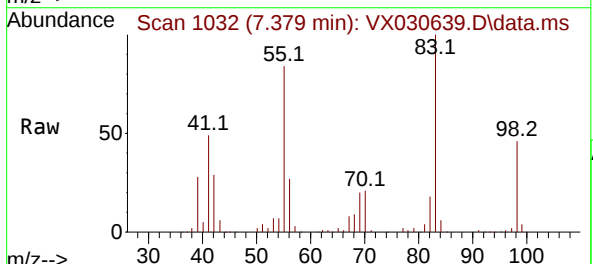
Instrument :
MSVOA_X
ClientSampleId :
EX9B5MSD

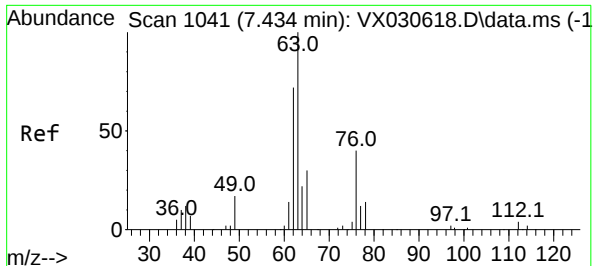
Tgt Ion: 95 Resp: 122400
Ion Ratio Lower Upper
95 100
97 64.0 40.2 74.6
132 83.9 55.3 102.7
130 93.8 58.9 109.5



#35
Methylcyclohexane
Concen: 47.080 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX030639.D
Acq: 15 Aug 2022 20:29

Tgt Ion: 83 Resp: 168328
Ion Ratio Lower Upper
83 100
55 81.2 64.0 96.0
98 46.0 36.7 55.1





#37

1,2-Dichloropropane

Concen: 54.637 ug/L

RT: 7.433 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VX030639.D

Acq: 15 Aug 2022 20:29

Instrument :

MSVOA_X

ClientSampleId :

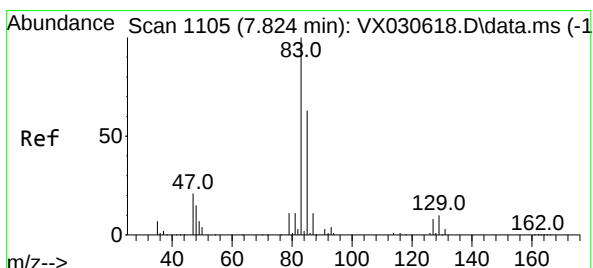
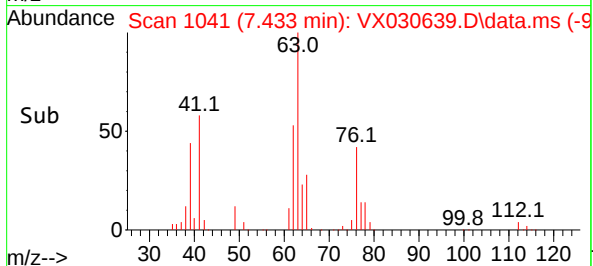
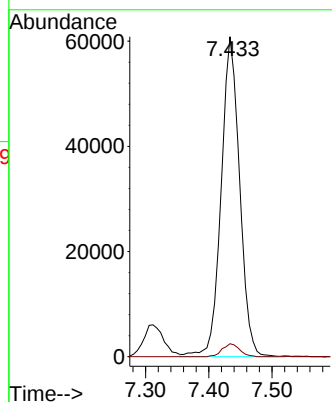
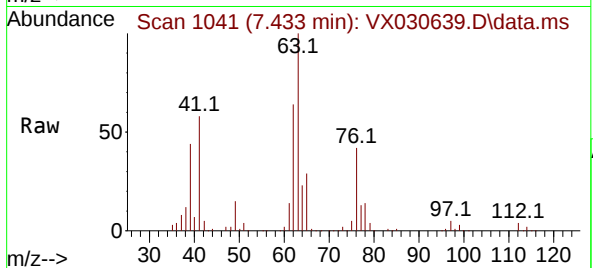
EX9B5MSD

Tgt Ion: 63 Resp: 123186

Ion Ratio Lower Upper

63 100

112 3.8 3.0 4.4



#38

Bromodichloromethane

Concen: 50.894 ug/L

RT: 7.830 min Scan# 1106

Delta R.T. 0.006 min

Lab File: VX030639.D

Acq: 15 Aug 2022 20:29

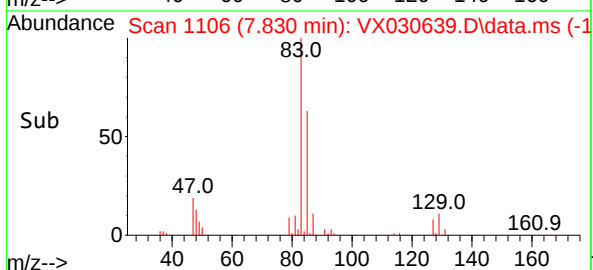
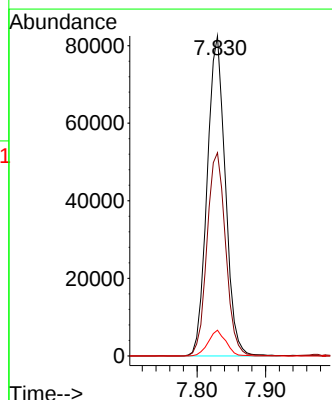
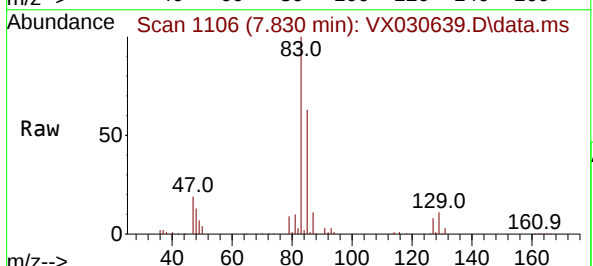
Tgt Ion: 83 Resp: 151865

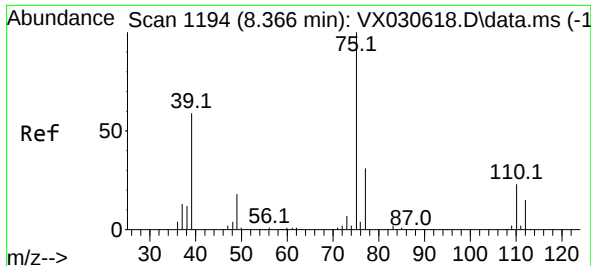
Ion Ratio Lower Upper

83 100

85 63.5 42.5 78.9

127 8.1 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 50.172 ug/L

RT: 8.372 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX030639.D

Acq: 15 Aug 2022 20:29

Instrument :

MSVOA_X

ClientSampleId :

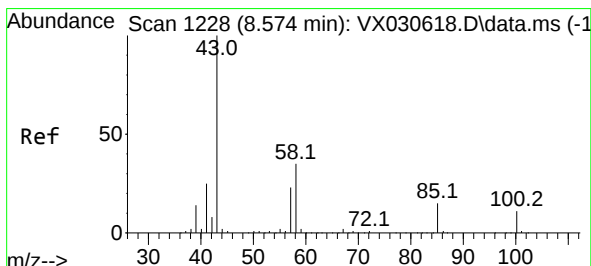
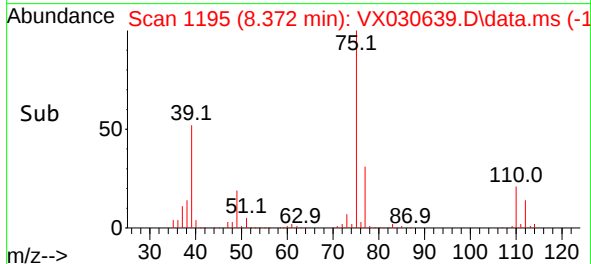
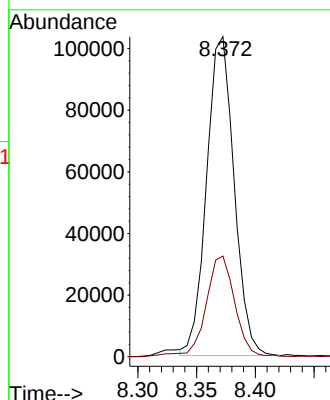
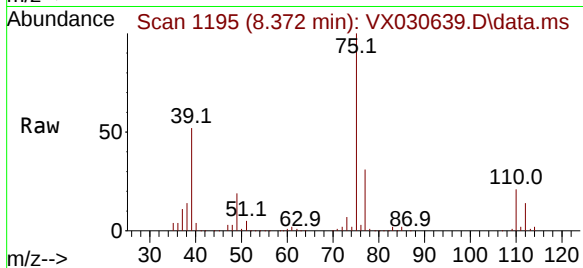
EX9B5MSD

Tgt Ion: 75 Resp: 168744

Ion Ratio Lower Upper

75 100

77 31.5 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 98.590 ug/L

RT: 8.592 min Scan# 1231

Delta R.T. 0.018 min

Lab File: VX030639.D

Acq: 15 Aug 2022 20:29

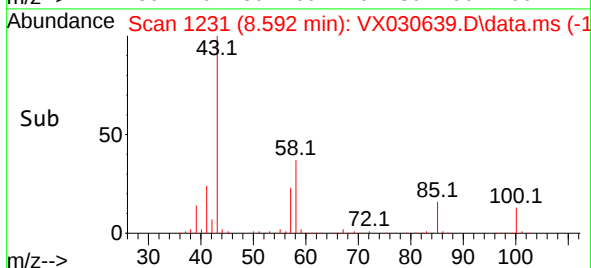
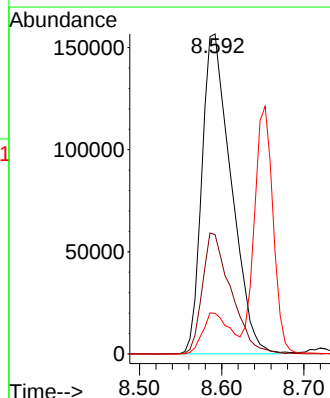
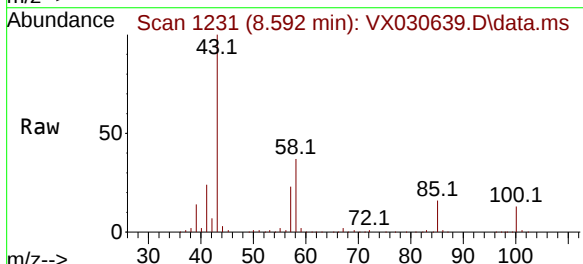
Tgt Ion: 43 Resp: 387094

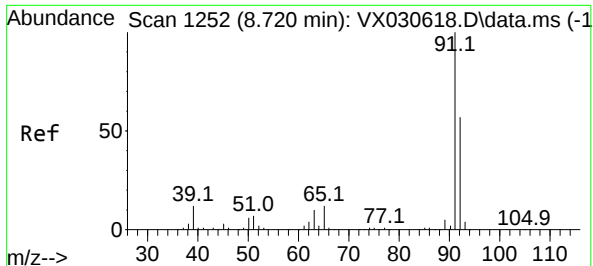
Ion Ratio Lower Upper

43 100

58 37.2 29.0 43.6

100 12.1 10.5 15.7





#42

Toluene

Concen: 53.425 ug/L

RT: 8.720 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX030639.D

Acq: 15 Aug 2022 20:29

Instrument :

MSVOA_X

ClientSampleId :

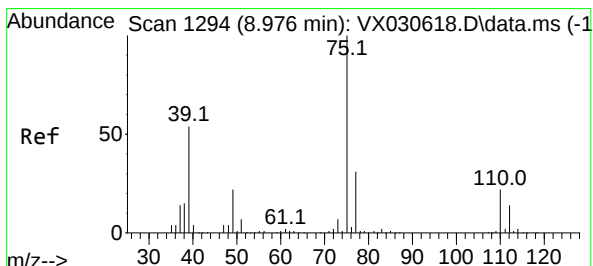
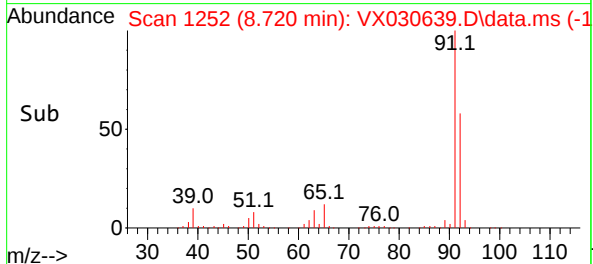
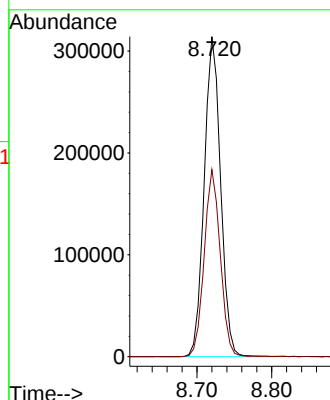
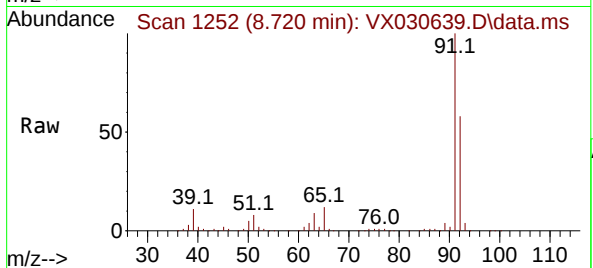
EX9B5MSD

Tgt Ion: 91 Resp: 478579

Ion Ratio Lower Upper

91 100

92 58.5 40.0 74.4



#44

trans-1,3-Dichloropropene

Concen: 50.052 ug/L

RT: 8.982 min Scan# 1295

Delta R.T. 0.006 min

Lab File: VX030639.D

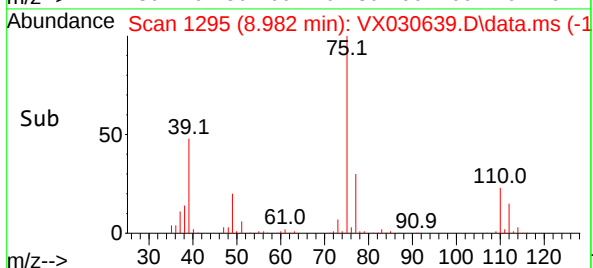
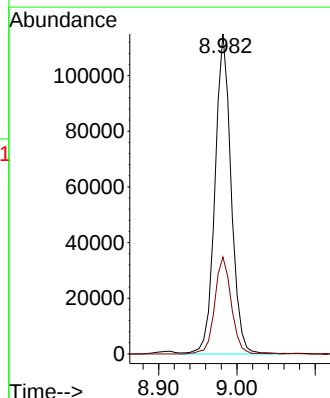
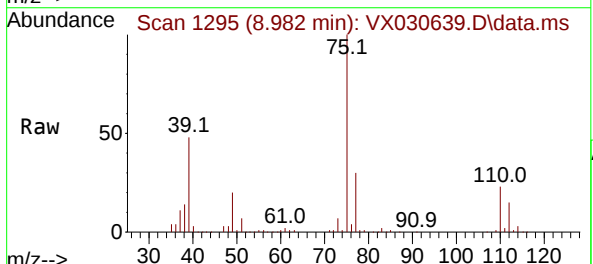
Acq: 15 Aug 2022 20:29

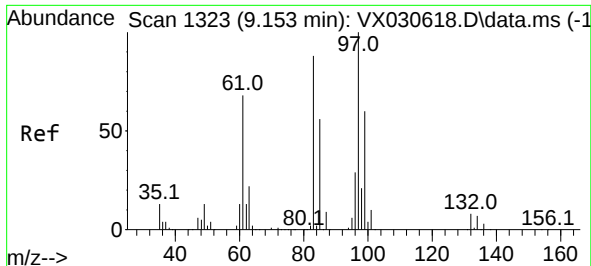
Tgt Ion: 75 Resp: 164768

Ion Ratio Lower Upper

75 100

77 30.3 22.5 41.7



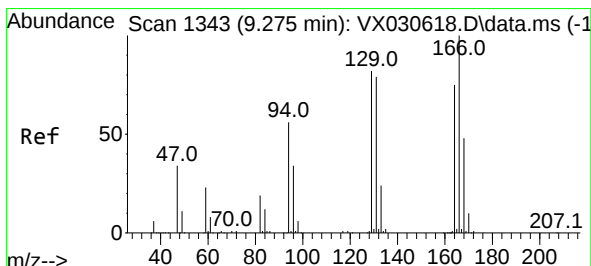
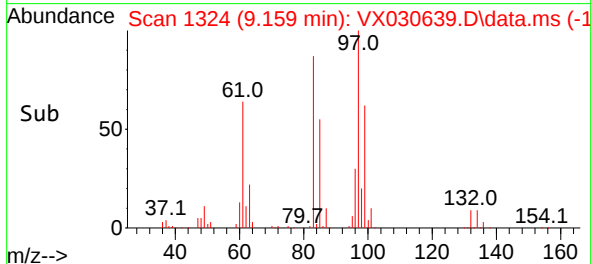
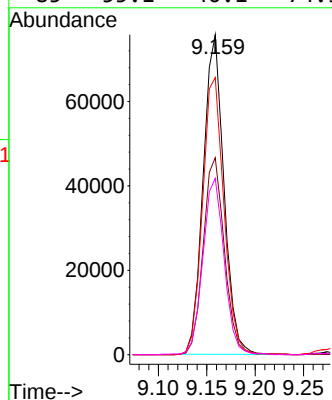
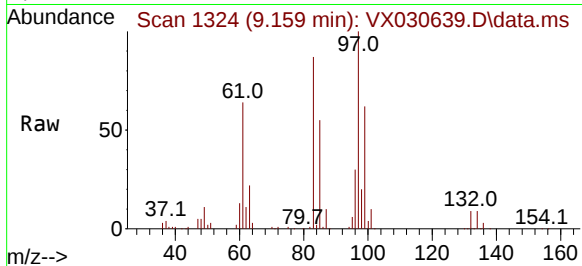


#45
1,1,2-Trichloroethane
Concen: 53.824 ug/L
RT: 9.159 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX030639.D
Acq: 15 Aug 2022 20:29

Instrument :
MSVOA_X
ClientSampleId :
EX9B5MSD

Tgt Ion: 97 Resp: 112841

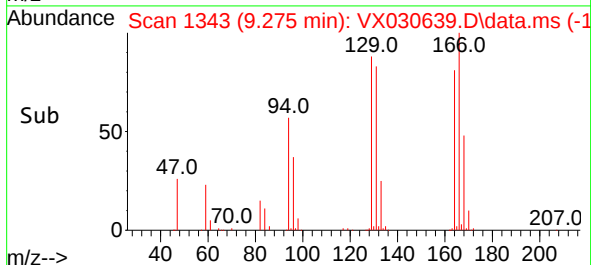
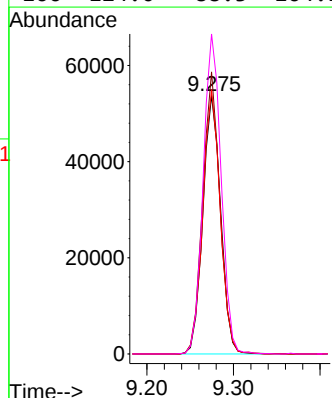
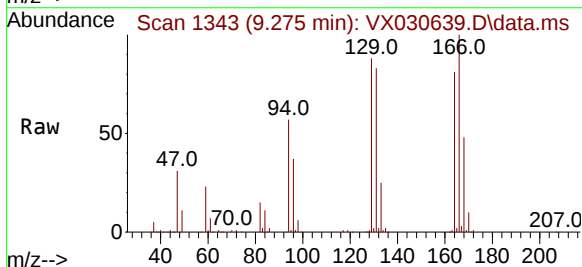
Ion	Ratio	Lower	Upper
97	100		
99	61.5	43.3	80.3
83	86.6	63.0	117.0
85	55.1	40.1	74.5

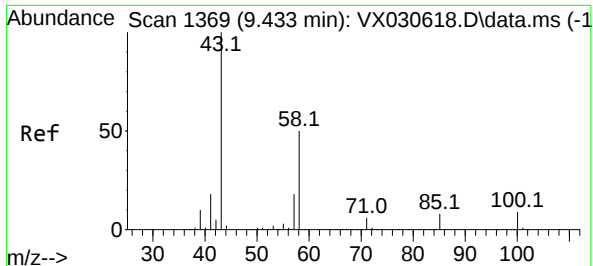


#46
Tetrachloroethene
Concen: 49.232 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX030639.D
Acq: 15 Aug 2022 20:29

Tgt Ion: 164 Resp: 76414

Ion	Ratio	Lower	Upper
164	100		
129	109.3	72.7	135.1
131	102.4	69.9	129.9
166	124.0	88.3	164.1





#48

2-Hexanone

Concen: 102.908 ug/L

RT: 9.451 min Scan# 1372

Delta R.T. 0.018 min

Lab File: VX030639.D

Acq: 15 Aug 2022 20:29

Instrument :

MSVOA_X

ClientSampleId :

EX9B5MSD

Tgt Ion: 43 Resp: 313935

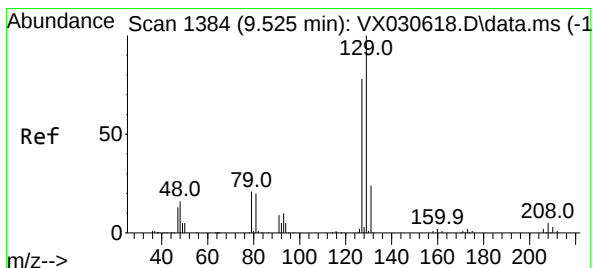
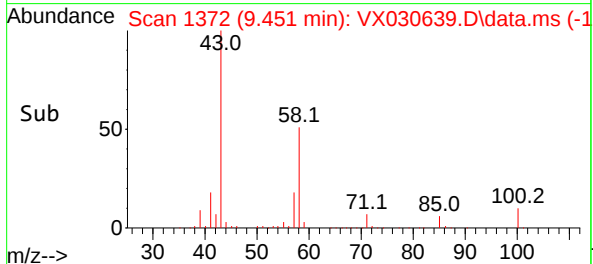
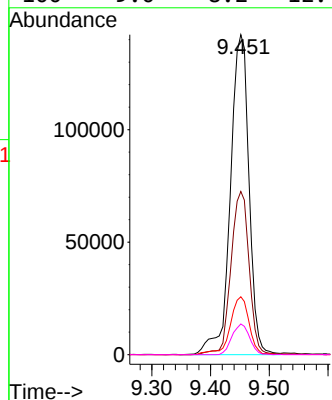
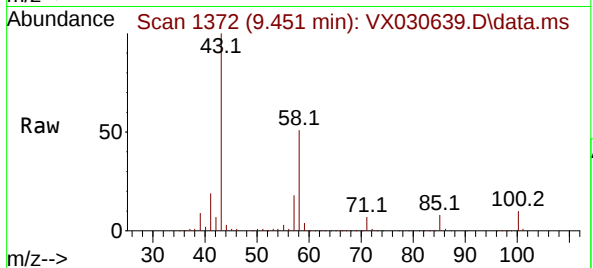
Ion Ratio Lower Upper

43 100

58 48.9 40.4 60.6

57 17.1 14.6 22.0

100 9.0 8.2 12.4



#49

Dibromochloromethane

Concen: 48.419 ug/L

RT: 9.525 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VX030639.D

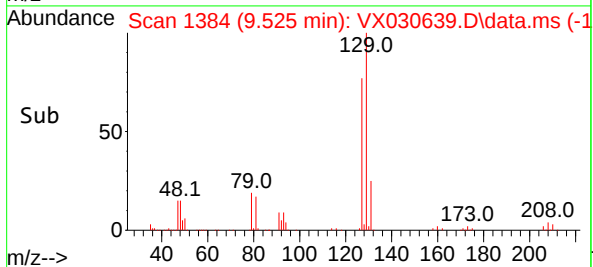
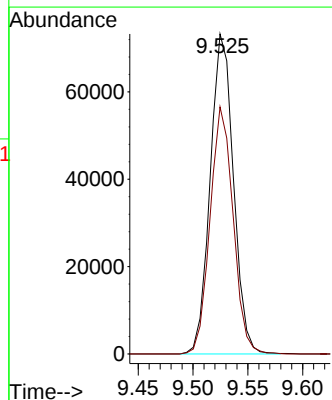
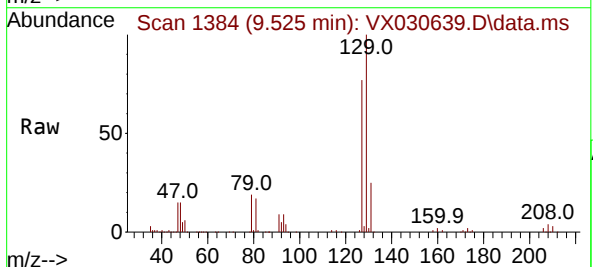
Acq: 15 Aug 2022 20:29

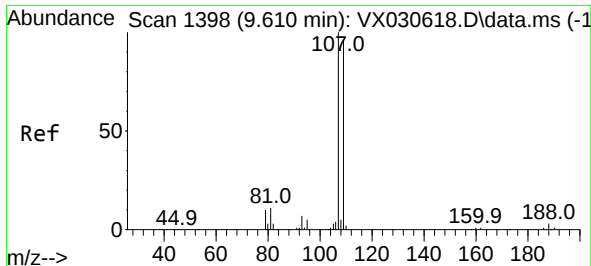
Tgt Ion:129 Resp: 107993

Ion Ratio Lower Upper

129 100

127 77.2 55.6 103.2





#50

1,2-Dibromoethane

Concen: 50.969 ug/L

RT: 9.616 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX030639.D

Acq: 15 Aug 2022 20:29

Instrument :

MSVOA_X

ClientSampleId :

EX9B5MSD

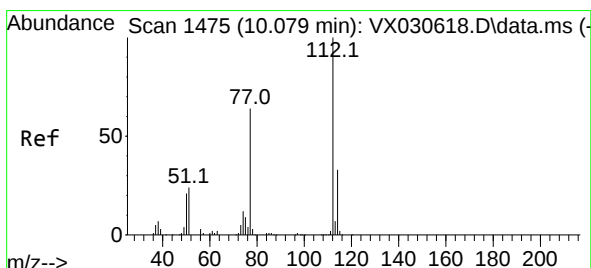
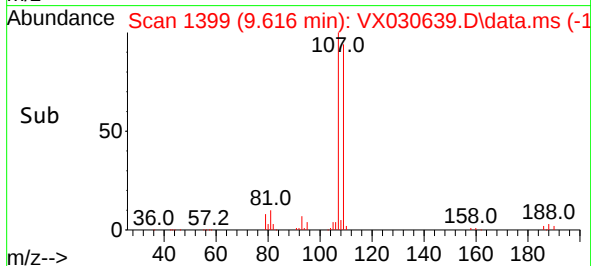
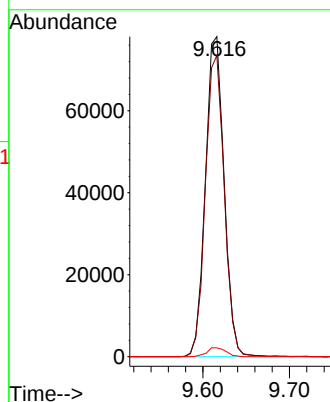
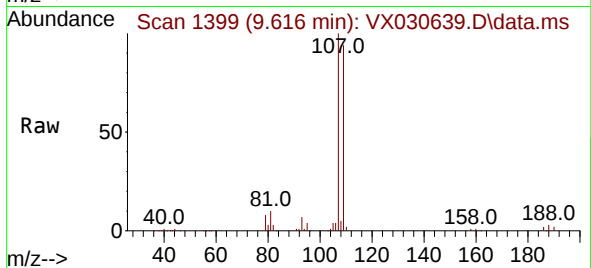
Tgt Ion:107 Resp: 117508

Ion Ratio Lower Upper

107 100

109 94.2 64.8 120.4

188 2.8 2.2 3.2



#51

Chlorobenzene

Concen: 53.040 ug/L

RT: 10.085 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VX030639.D

Acq: 15 Aug 2022 20:29

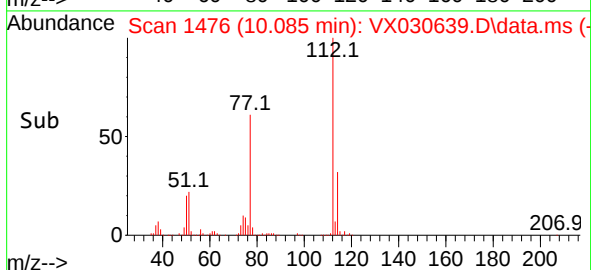
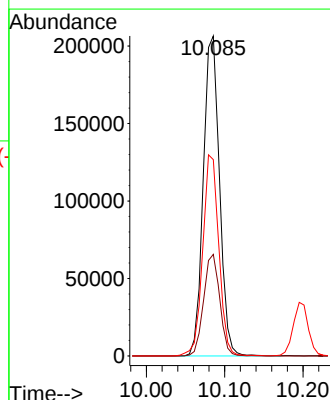
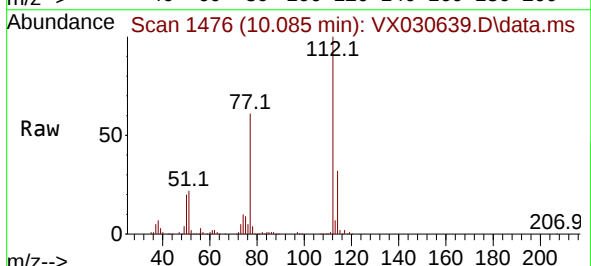
Tgt Ion:112 Resp: 296006

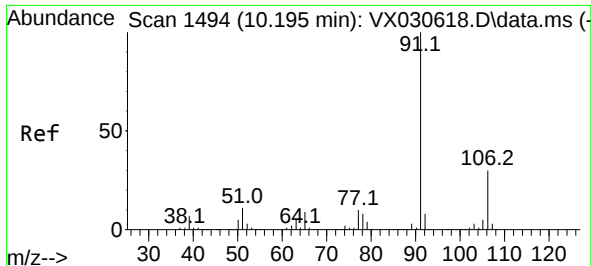
Ion Ratio Lower Upper

112 100

114 31.7 22.3 41.5

77 61.3 50.8 76.2





#52

Ethylbenzene

Concen: 52.848 ug/L

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX030639.D

Acq: 15 Aug 2022 20:29

Instrument :

MSVOA_X

ClientSampleId :

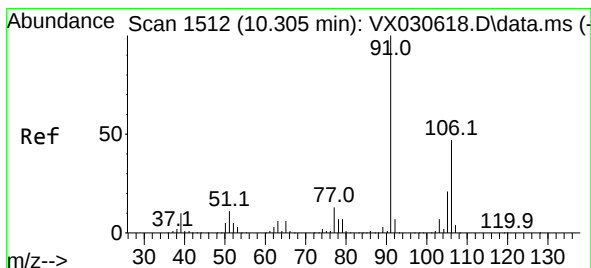
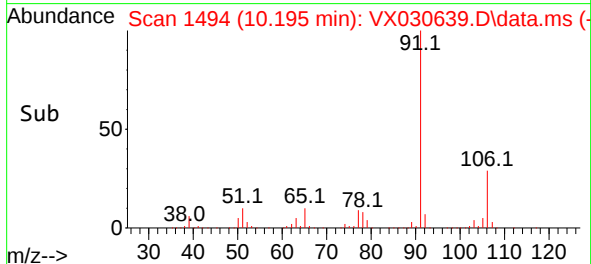
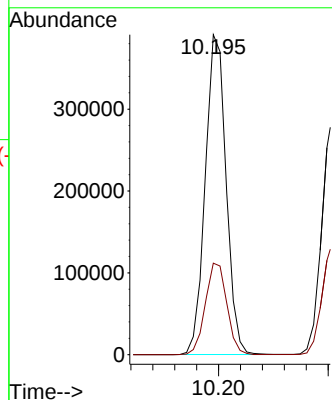
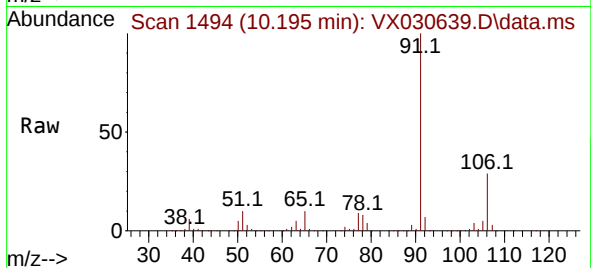
EX9B5MSD

Tgt Ion: 91 Resp: 516188

Ion Ratio Lower Upper

91 100

106 28.6 21.3 39.5



#53

m,p-Xylene

Concen: 51.845 ug/L

RT: 10.305 min Scan# 1512

Delta R.T. -0.000 min

Lab File: VX030639.D

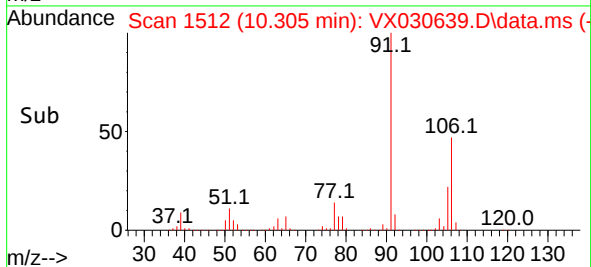
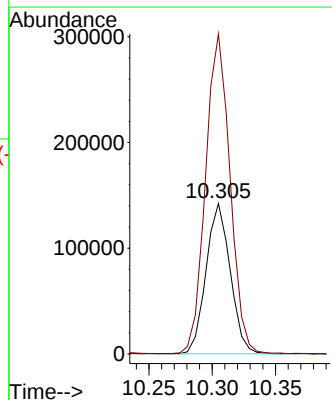
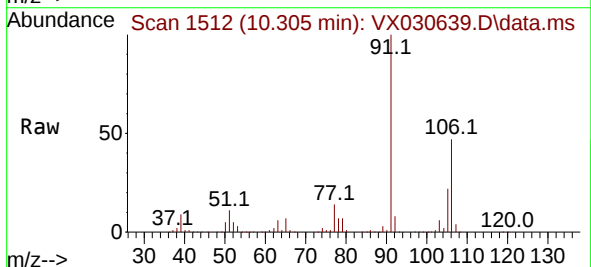
Acq: 15 Aug 2022 20:29

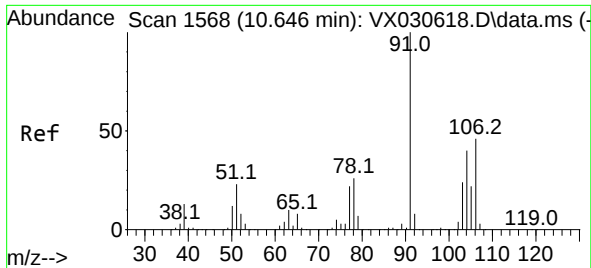
Tgt Ion: 106 Resp: 188746

Ion Ratio Lower Upper

106 100

91 212.4 147.8 274.6

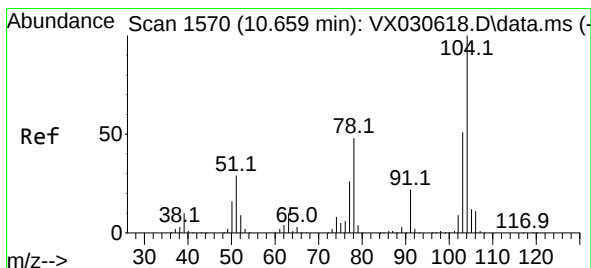
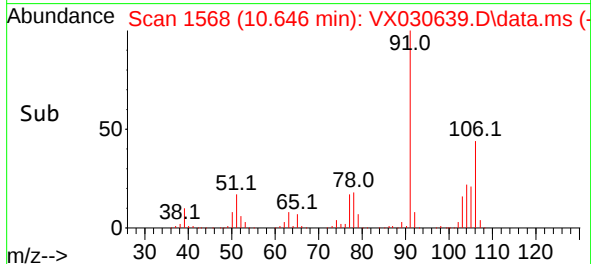
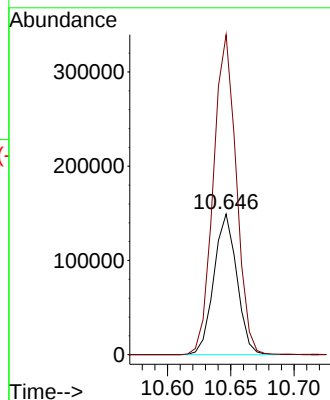
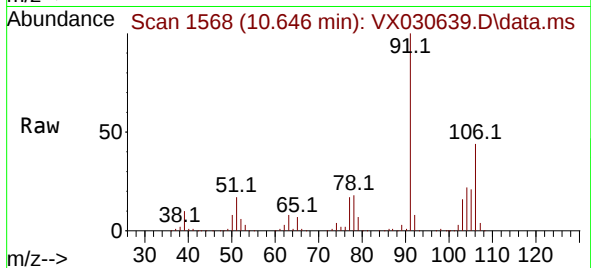




#54
o-Xylene
Concen: 52.052 ug/L
RT: 10.646 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VX030639.D
Acq: 15 Aug 2022 20:29

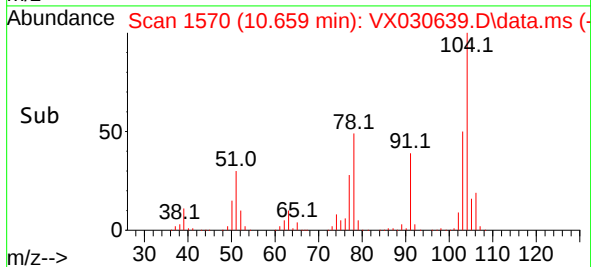
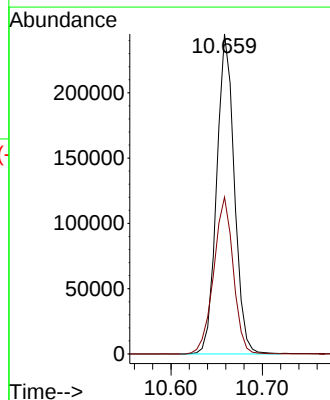
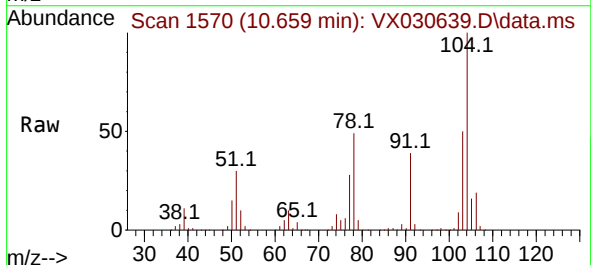
Instrument :
MSVOA_X
ClientSampleId :
EX9B5MSD

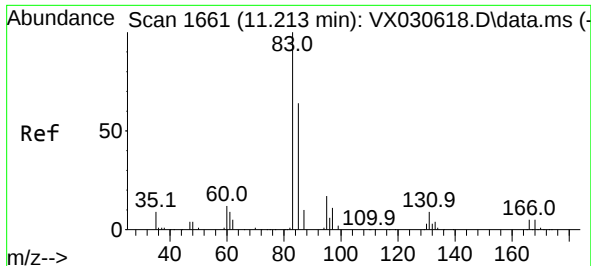
Tgt Ion:106 Resp: 188829
Ion Ratio Lower Upper
106 100
91 227.6 157.8 293.0



#55
Styrene
Concen: 53.756 ug/L
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX030639.D
Acq: 15 Aug 2022 20:29

Tgt Ion:104 Resp: 328358
Ion Ratio Lower Upper
104 100
78 49.0 33.2 61.7





#57

1,1,2,2-Tetrachloroethane

Concen: 55.325 ug/L

RT: 11.219 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX030639.D

Acq: 15 Aug 2022 20:29

Instrument :

MSVOA_X

ClientSampleId :

EX9B5MSD

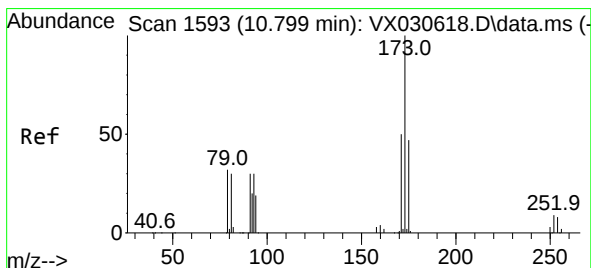
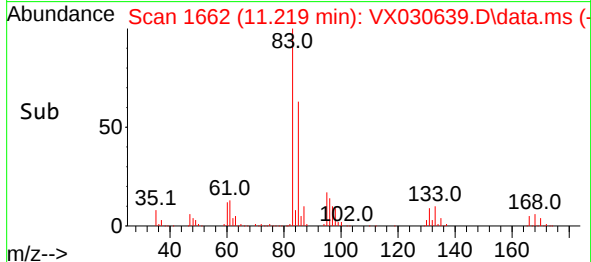
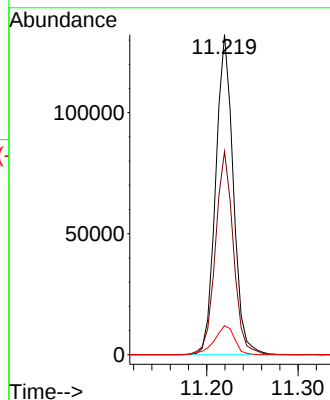
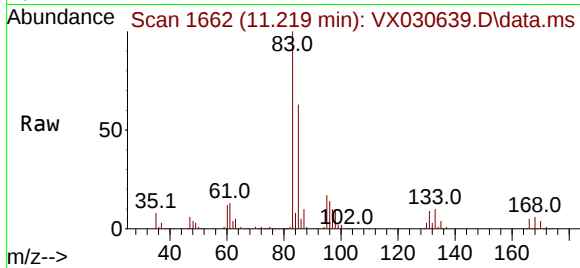
Tgt Ion: 83 Resp: 176482

Ion Ratio Lower Upper

83 100

85 63.5 44.4 82.4

131 9.1 7.5 11.3



#59

Bromoform

Concen: 45.800 ug/L

RT: 10.805 min Scan# 1594

Delta R.T. 0.006 min

Lab File: VX030639.D

Acq: 15 Aug 2022 20:29

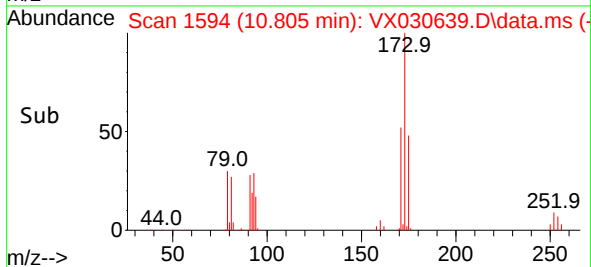
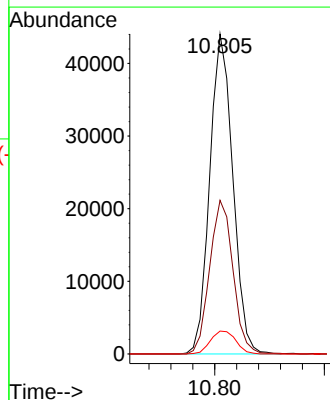
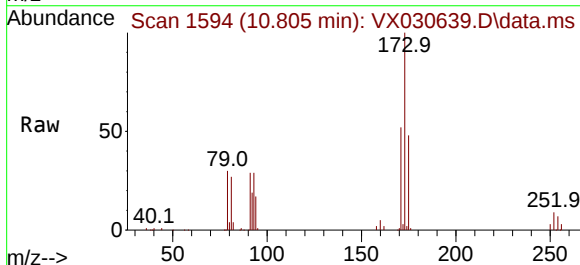
Tgt Ion:173 Resp: 64441

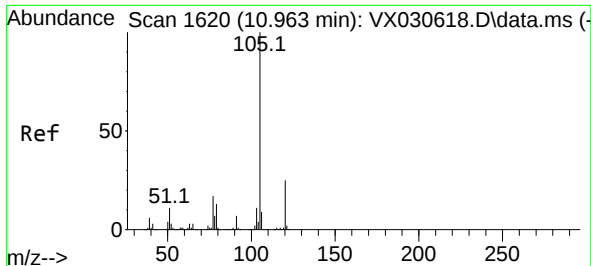
Ion Ratio Lower Upper

173 100

175 48.4 38.9 58.3

254 7.9 7.0 10.4

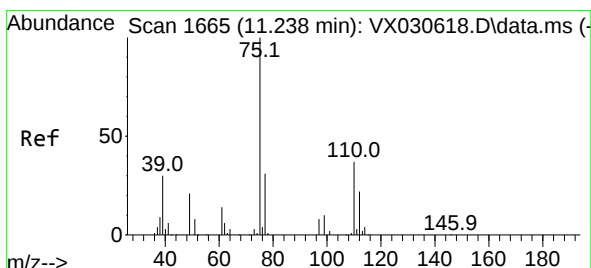
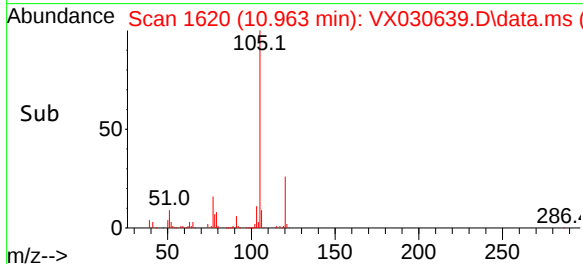
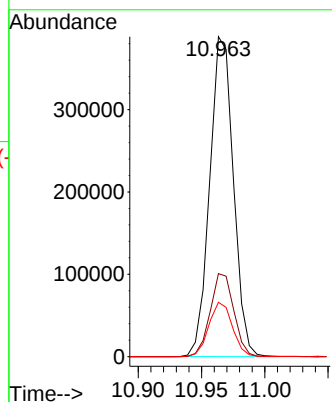
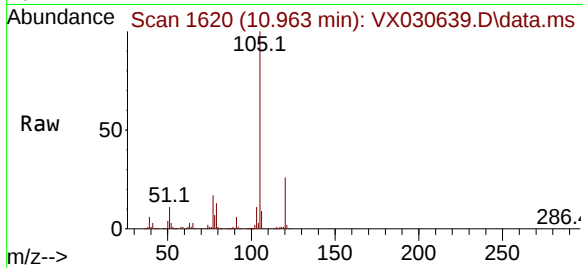




#60
Isopropylbenzene
Concen: 55.209 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX030639.D
Acq: 15 Aug 2022 20:29

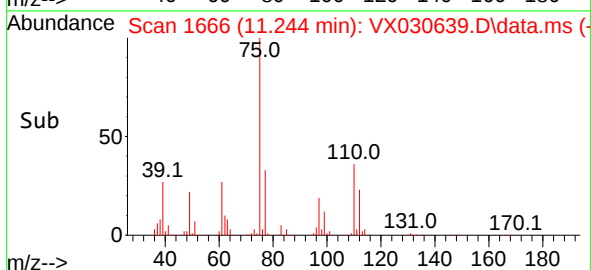
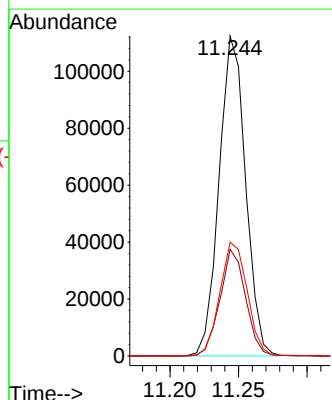
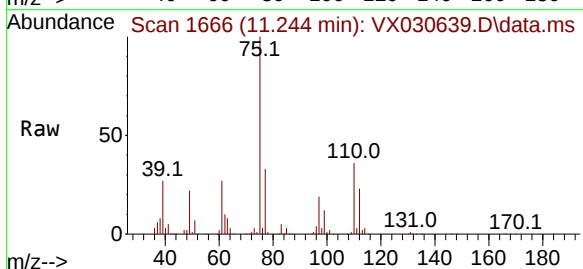
Instrument :
MSVOA_X
ClientSampleId :
EX9B5MSD

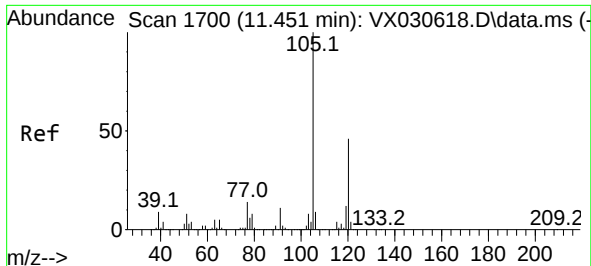
Tgt Ion:105 Resp: 505624
Ion Ratio Lower Upper
105 100
120 25.9 20.6 31.0
77 17.0 13.5 20.3



#61
1,2,3-Trichloropropane
Concen: 54.429 ug/L
RT: 11.244 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VX030639.D
Acq: 15 Aug 2022 20:29

Tgt Ion: 75 Resp: 151027
Ion Ratio Lower Upper
75 100
77 32.3 26.1 39.1
110 36.8 30.5 45.7





#62

1,3,5-Trimethylbenzene

Concen: 55.157 ug/L

RT: 11.457 min Scan# 1700

Delta R.T. 0.006 min

Lab File: VX030639.D

Acq: 15 Aug 2022 20:29

Instrument :

MSVOA_X

ClientSampleId :

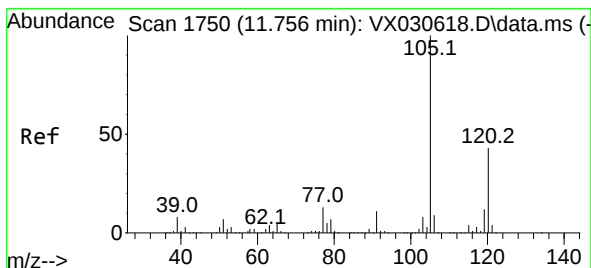
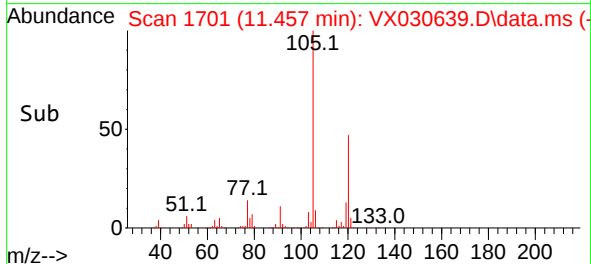
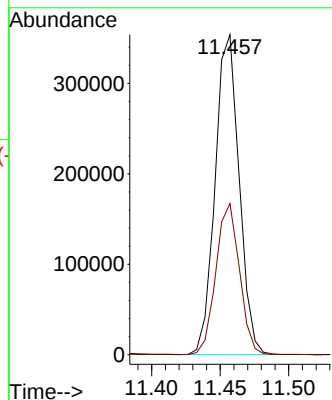
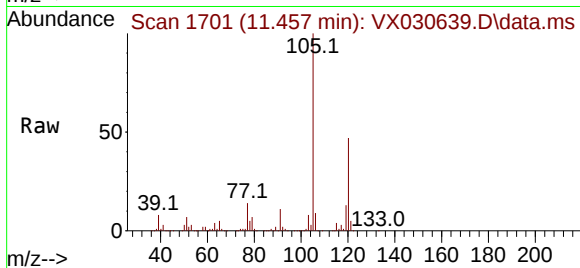
EX9B5MSD

Tgt Ion:105 Resp: 431268

Ion Ratio Lower Upper

105 100

120 46.4 37.2 55.8



#63

1,2,4-Trimethylbenzene

Concen: 53.379 ug/L

RT: 11.756 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VX030639.D

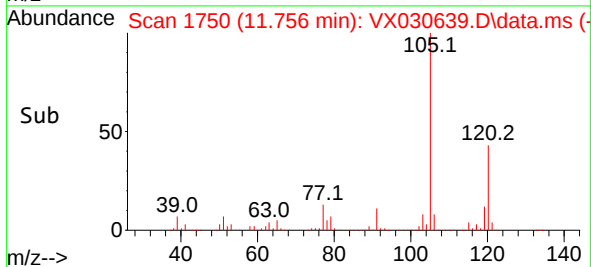
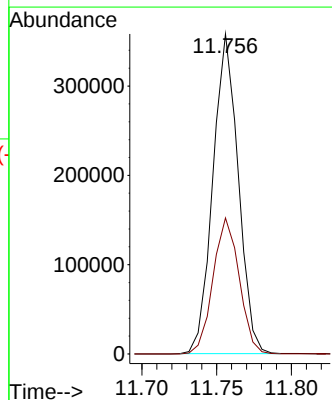
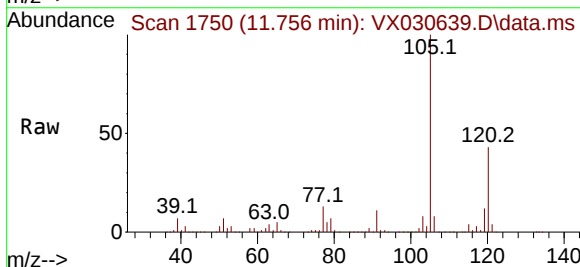
Acq: 15 Aug 2022 20:29

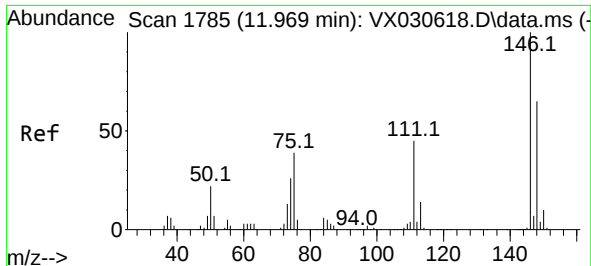
Tgt Ion:105 Resp: 421493

Ion Ratio Lower Upper

105 100

120 44.1 35.9 53.9

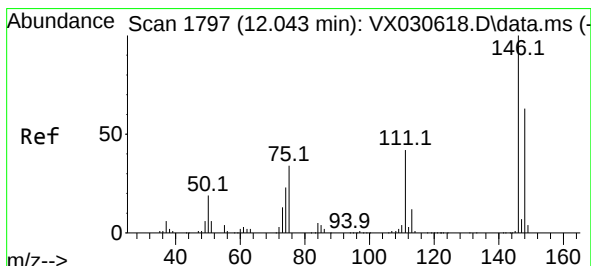
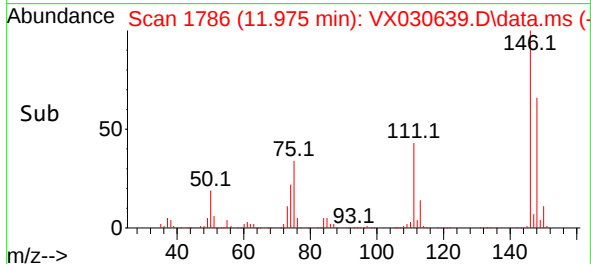
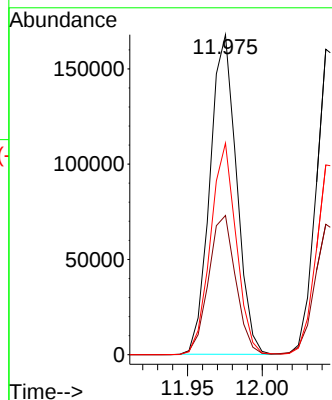
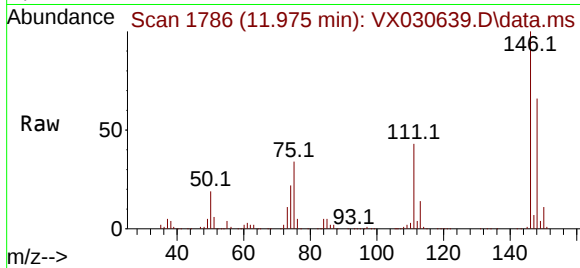




#64
1,3-Dichlorobenzene
Concen: 52.079 ug/L
RT: 11.975 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VX030639.D
Acq: 15 Aug 2022 20:29

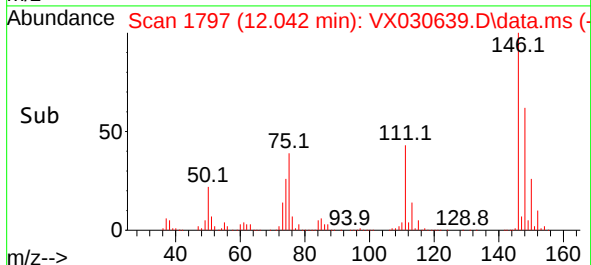
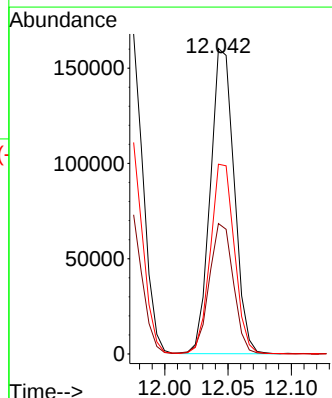
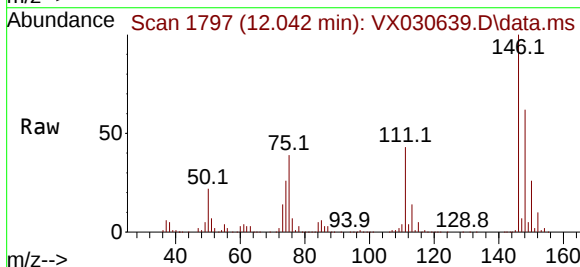
Instrument :
MSVOA_X
ClientSampleId :
EX9B5MSD

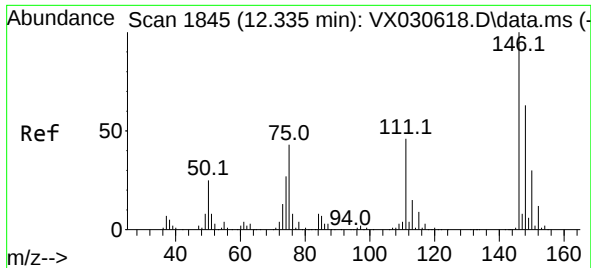
Tgt Ion:146 Resp: 207337
Ion Ratio Lower Upper
146 100
111 43.5 30.9 57.5
148 66.1 42.6 79.0



#65
1,4-Dichlorobenzene
Concen: 51.980 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX030639.D
Acq: 15 Aug 2022 20:29

Tgt Ion:146 Resp: 210375
Ion Ratio Lower Upper
146 100
111 42.7 32.6 60.6
148 62.2 48.3 89.7

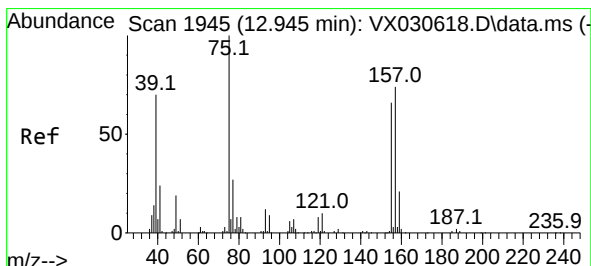
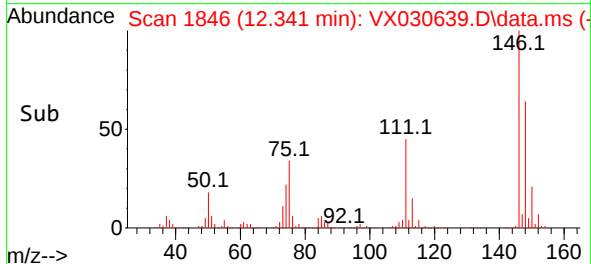
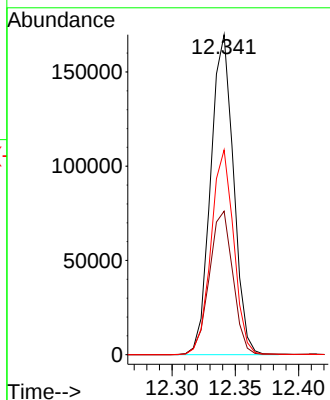
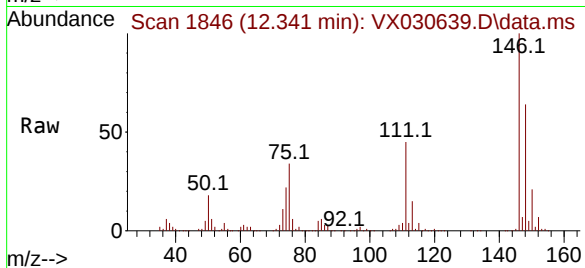




#67
 1,2-Dichlorobenzene
 Concen: 51.831 ug/L
 RT: 12.341 min Scan# 1846
 Delta R.T. 0.006 min
 Lab File: VX030639.D
 Acq: 15 Aug 2022 20:29

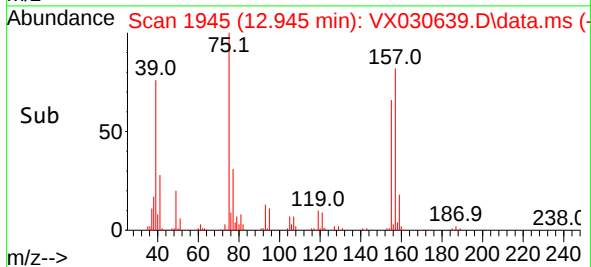
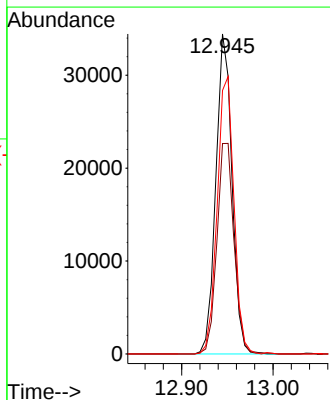
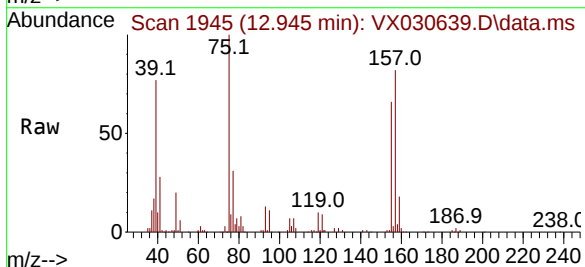
Instrument :
 MSVOA_X
 ClientSampleId :
 EX9B5MSD

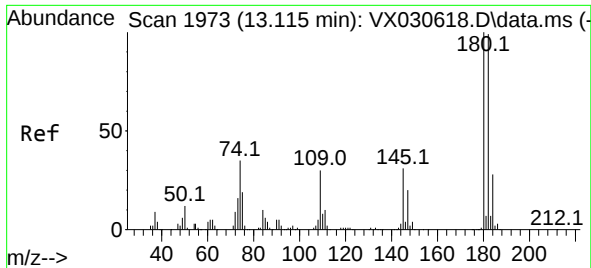
Tgt Ion:146 Resp: 213392
 Ion Ratio Lower Upper
 146 100
 111 44.9 36.9 55.3
 148 64.0 49.9 74.9



#68
 1,2-Dibromo-3-chloropropane
 Concen: 46.143 ug/L
 RT: 12.945 min Scan# 1945
 Delta R.T. -0.000 min
 Lab File: VX030639.D
 Acq: 15 Aug 2022 20:29

Tgt Ion: 75 Resp: 42235
 Ion Ratio Lower Upper
 75 100
 155 65.7 57.1 85.7
 157 82.4 73.1 109.7

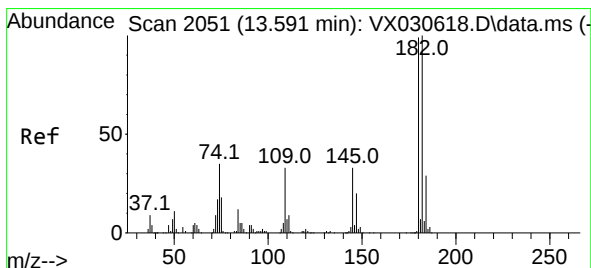
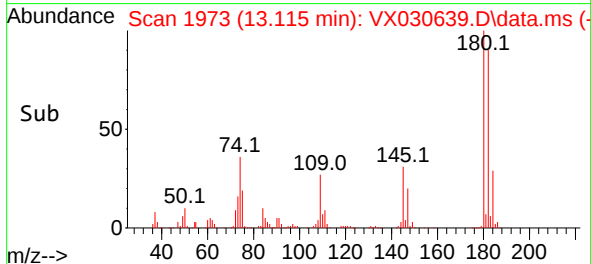
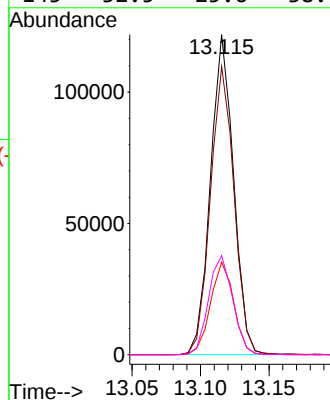
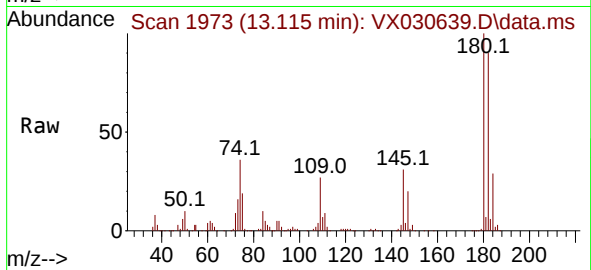




#69
1,3,5-Trichlorobenzene
Concen: 51.089 ug/L
RT: 13.115 min Scan# 1973
Delta R.T. -0.000 min
Lab File: VX030639.D
Acq: 15 Aug 2022 20:29

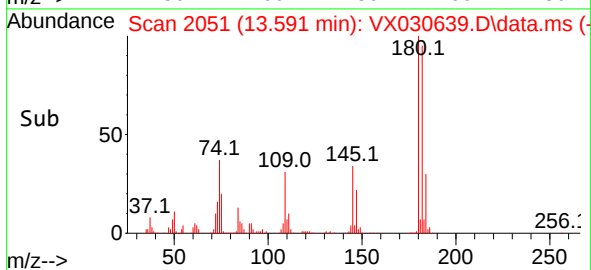
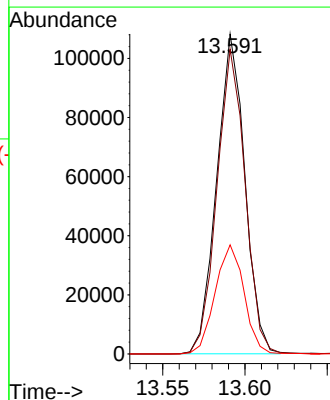
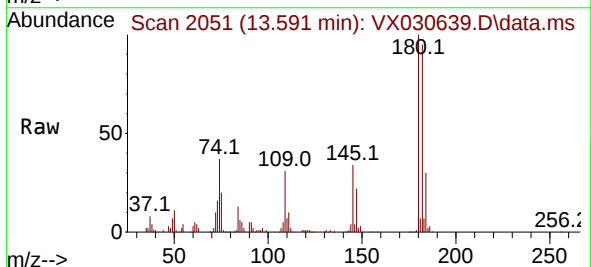
Instrument :
MSVOA_X
ClientSampleId :
EX9B5MSD

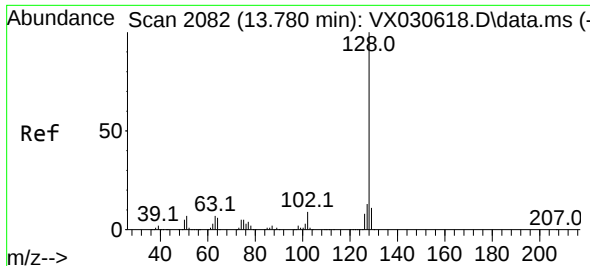
Tgt Ion:180 Resp: 142641
Ion Ratio Lower Upper
180 100
182 92.2 73.7 110.5
184 29.3 24.1 36.1
145 32.5 25.6 38.4



#70
1,2,4-trichlorobenzene
Concen: 52.473 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX030639.D
Acq: 15 Aug 2022 20:29

Tgt Ion:180 Resp: 128664
Ion Ratio Lower Upper
180 100
182 95.1 72.7 109.1
145 35.1 26.6 40.0

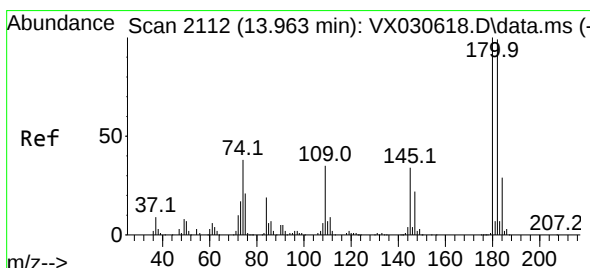
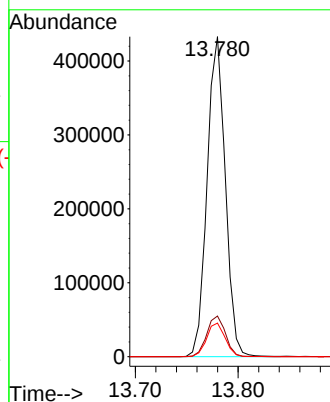
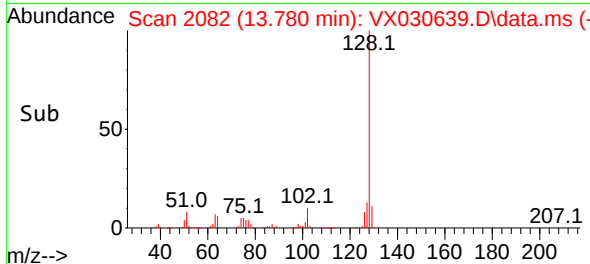
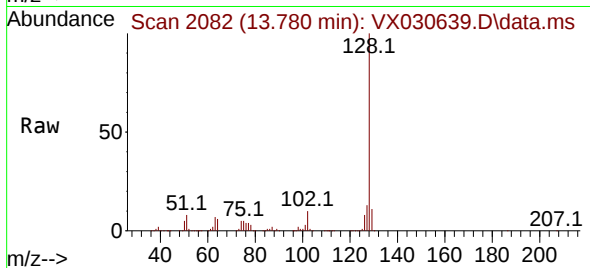




#71
Naphthalene
Concen: 52.439 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX030639.D
Acq: 15 Aug 2022 20:29

Instrument :
MSVOA_X
ClientSampleId :
EX9B5MSD

Tgt Ion:128 Resp: 532246
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.7 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 53.942 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX030639.D
Acq: 15 Aug 2022 20:29

Tgt Ion:180 Resp: 139714
Ion Ratio Lower Upper
180 100
182 91.7 74.6 112.0
145 35.7 28.4 42.6

