

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080522\
 Data File : VX030440.D
 Acq On : 05 Aug 2022 19:17
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 06 01:00:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 06 00:54:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	254947	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	224937	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	107849	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	79637	48.641	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.280%
7) Chloroethane-d5	1.660	69	61600	53.372	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.740%
11) 1,1-Dichloroethene-d2	2.307	63	166195	53.664	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.320%
21) 2-Butanone-d5	4.471	46	187935	123.888	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	123.890%
24) Chloroform-d	5.068	84	183002	54.299	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.600%
26) 1,2-Dichloroethane-d4	5.964	65	122628	53.586	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.180%
32) Benzene-d6	5.983	84	337032	52.308	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.620%
36) 1,2-Dichloropropane-d6	7.318	67	112909	54.011	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.020%
41) Toluene-d8	8.653	98	303902	50.038	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.080%
43) trans-1,3-Dichloroprop...	8.952	79	52246	50.238	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.480%
47) 2-Hexanone-d5	9.391	63	126037	118.283	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	118.280%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	156630	57.035	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	114.080%
66) 1,2-Dichlorobenzene-d4	12.323	152	112795	53.921	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	105117	54.794	ug/L	100
3) Chloromethane	1.295	50	93629	56.759	ug/L	100
5) Vinyl chloride	1.374	62	99562	56.505	ug/L	98
6) Bromomethane	1.612	94	42321	51.112	ug/L	98
8) Chloroethane	1.685	64	56146	55.942	ug/L	98
9) Trichlorofluoromethane	1.886	101	141694	54.412	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	87683	56.611	ug/L	98
12) 1,1-Dichloroethene	2.319	96	82371	57.725	ug/L #	77
13) Acetone	2.392	43	125815	113.165	ug/L	97
14) Carbon disulfide	2.508	76	236847	51.211	ug/L	100
15) Methyl Acetate	2.709	43	131925	57.328	ug/L	99
16) Methylene chloride	2.788	84	100803	55.711	ug/L	91
17) trans-1,2-Dichloroethene	3.093	96	89171	53.940	ug/L	99
18) Methyl tert-butyl Ether	3.123	73	302731	53.848	ug/L	99
19) 1,1-Dichloroethane	3.611	63	175550	54.903	ug/L	98
20) cis-1,2-Dichloroethene	4.495	96	101343	54.495	ug/L	97
22) 2-Butanone	4.574	43	200076	114.077	ug/L	99
23) Bromochloromethane	4.910	128	50127	53.750	ug/L	96
25) Chloroform	5.105	83	185874	55.328	ug/L	98

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 Response via : Initial Calibration

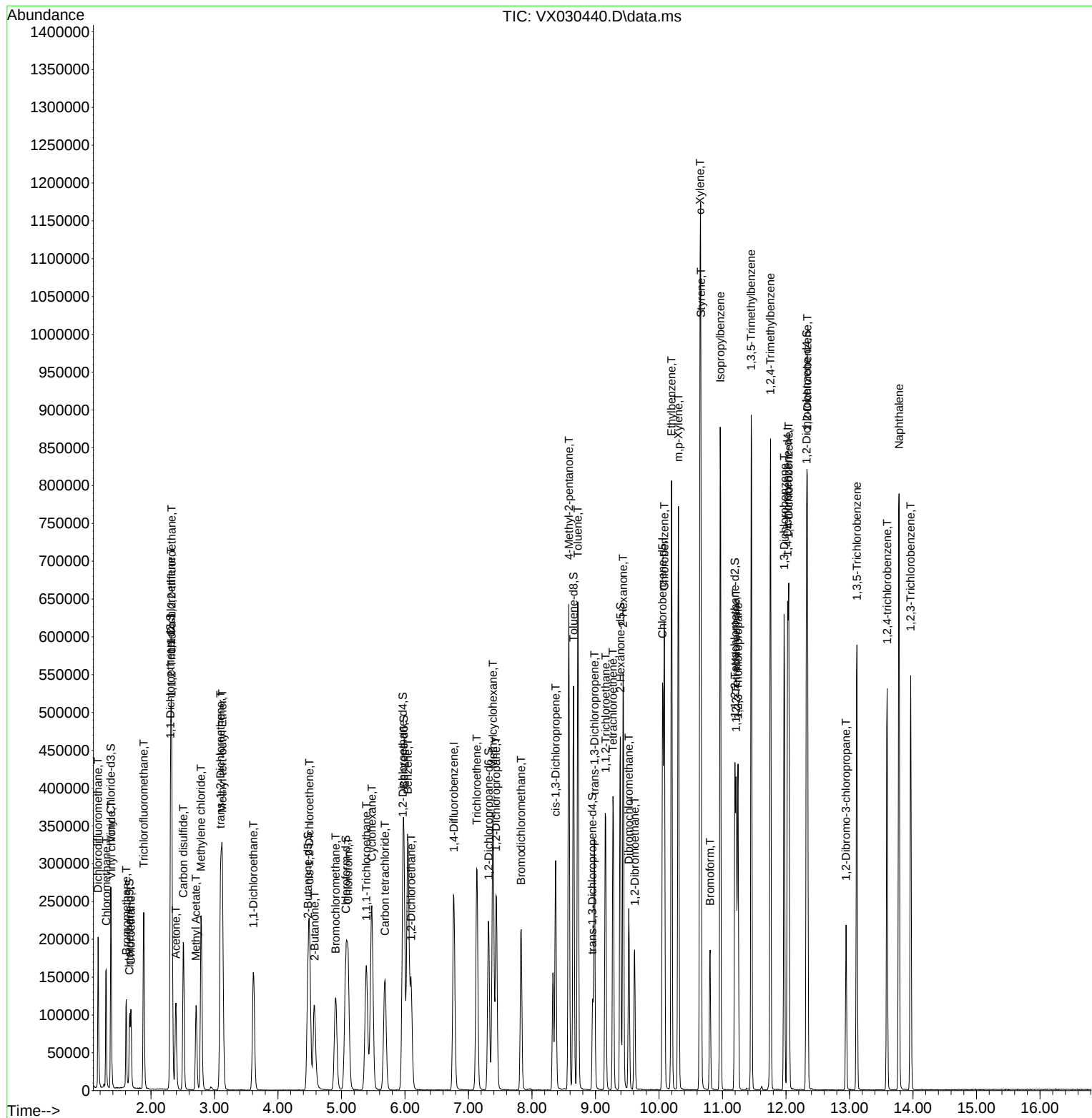
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.099	62	152869	54.672	ug/L	97
29) Cyclohexane	5.477	56	163045	54.524	ug/L	98
30) 1,1,1-Trichloroethane	5.391	97	157175	52.973	ug/L	99
31) Carbon tetrachloride	5.684	117	131540	53.715	ug/L	100
33) Benzene	6.044	78	396882	55.031	ug/L	100
34) Trichloroethene	7.129	95	112600	53.907	ug/L	89
35) Methylcyclohexane	7.385	83	156502	51.467	ug/L	98
37) 1,2-Dichloropropane	7.434	63	104385	54.437	ug/L	100
38) Bromodichloromethane	7.830	83	135170	53.262	ug/L	92
39) cis-1,3-Dichloropropene	8.373	75	147275	51.486	ug/L	99
40) 4-Methyl-2-pentanone	8.580	43	383536	114.855	ug/L	99
42) Toluene	8.720	91	412757	54.177	ug/L	98
44) trans-1,3-Dichloropropene	8.982	75	148485	53.035	ug/L	99
45) 1,1,2-Trichloroethane	9.159	97	96659	54.210	ug/L	97
46) Tetrachloroethene	9.275	164	69088	52.336	ug/L	98
48) 2-Hexanone	9.433	43	303214	116.866	ug/L	98
49) Dibromochloromethane	9.525	129	98326	51.834	ug/L	97
50) 1,2-Dibromoethane	9.616	107	103322	52.693	ug/L	97
51) Chlorobenzene	10.086	112	253430	53.393	ug/L	97
52) Ethylbenzene	10.195	91	452679	54.493	ug/L	100
53) m,p-Xylene	10.305	106	169980	54.898	ug/L	97
54) o-Xylene	10.647	106	165388	53.604	ug/L	97
55) Styrene	10.659	104	284412	54.747	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.214	83	149507	55.107	ug/L	99
59) Bromoform	10.805	173	63436	54.014	ug/L	98
60) Isopropylbenzene	10.964	105	436635	57.117	ug/L	100
61) 1,2,3-Trichloropropane	11.244	75	135015	58.294	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	373658	57.252	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	365722	55.488	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	179400	53.985	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	181679	53.780	ug/L	93
67) 1,2-Dichlorobenzene	12.335	146	191041	55.591	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	41900	54.842	ug/L	94
69) 1,3,5-Trichlorobenzene	13.116	180	126836	54.425	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	110246	53.865	ug/L	96
71) Naphthalene	13.780	128	473343	55.871	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	116284	53.787	ug/L	99

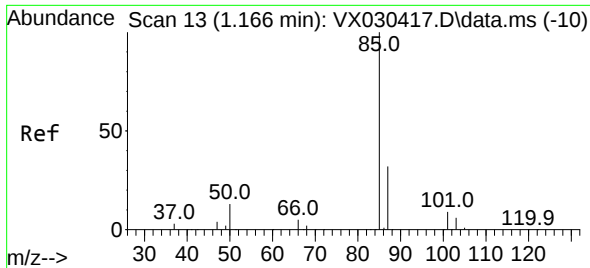
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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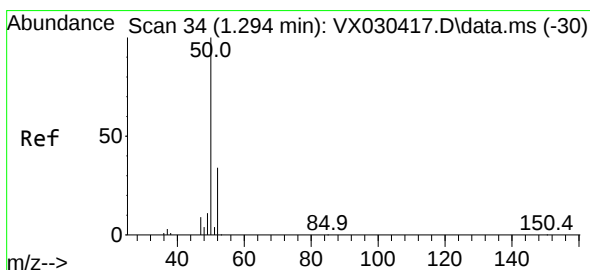
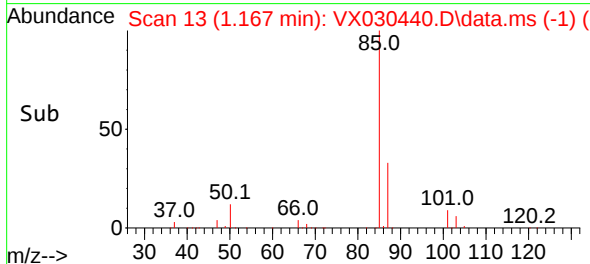
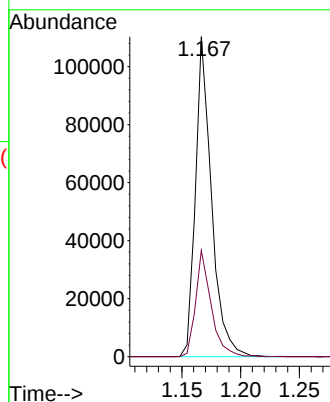
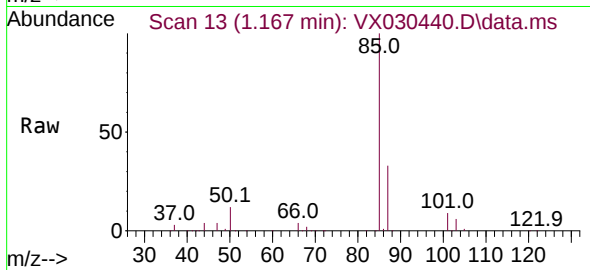




#2
 Dichlorodifluoromethane
 Concen: 54.794 ug/L
 RT: 1.167 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX030440.D
 Acq: 05 Aug 2022 19:17

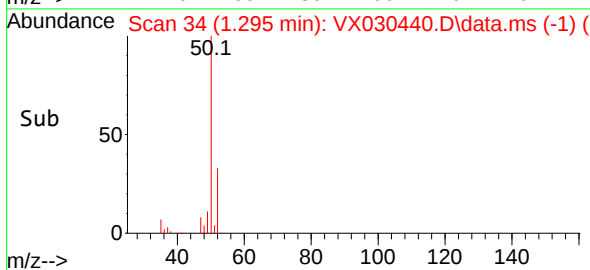
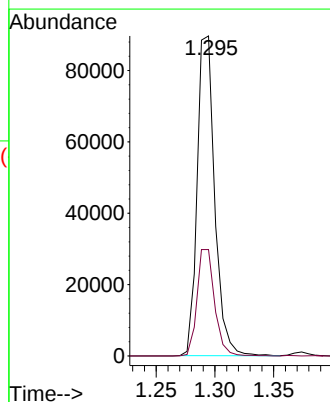
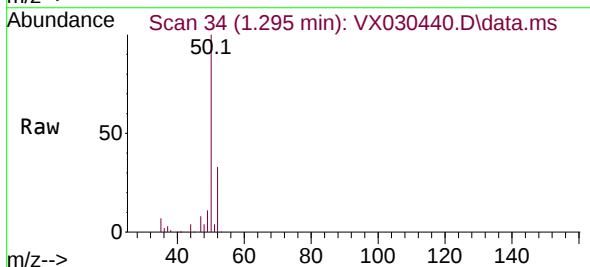
Instrument :
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 ClientSampleId :

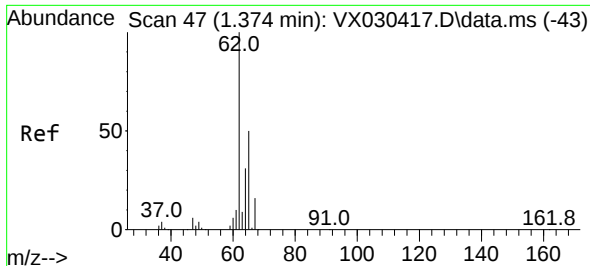
Tgt Ion: 85 Resp: 105117
 Ion Ratio Lower Upper
 85 100
 87 32.0 25.6 38.4



#3
 Chloromethane
 Concen: 56.759 ug/L
 RT: 1.295 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: VX030440.D
 Acq: 05 Aug 2022 19:17

Tgt Ion: 50 Resp: 93629
 Ion Ratio Lower Upper
 50 100
 52 33.3 23.3 43.3

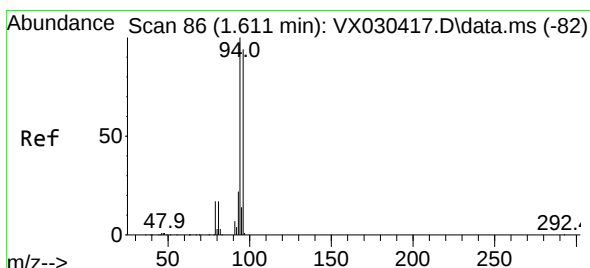
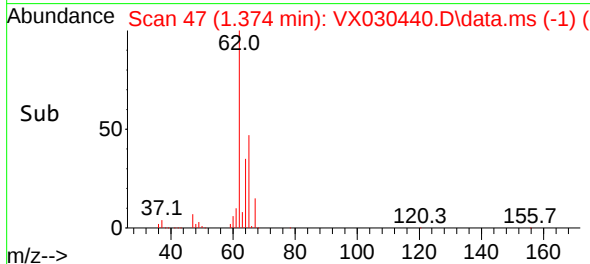
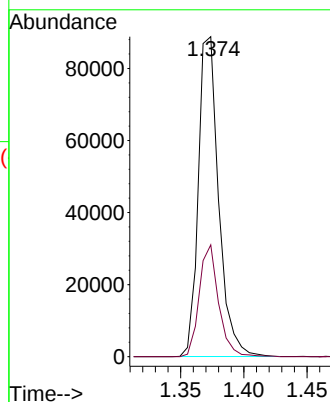
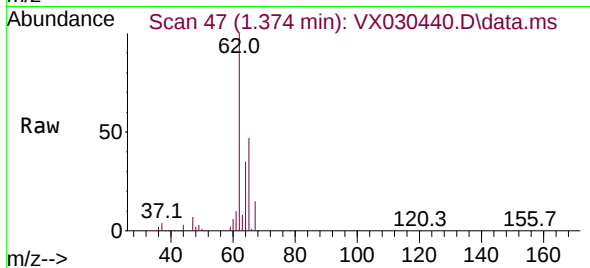




#5
 Vinyl chloride
 Concen: 56.505 ug/L
 RT: 1.374 min Scan# 47
 Delta R.T. 0.000 min
 Lab File: VX030440.D
 Acq: 05 Aug 2022 19:17

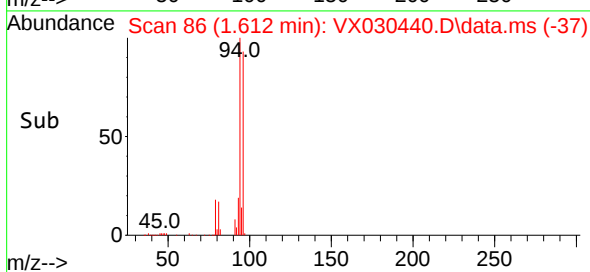
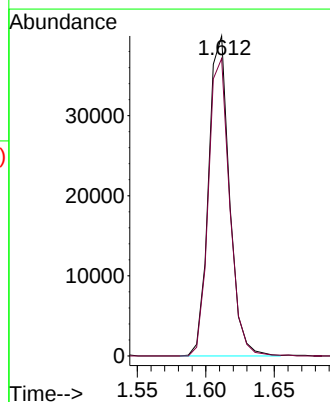
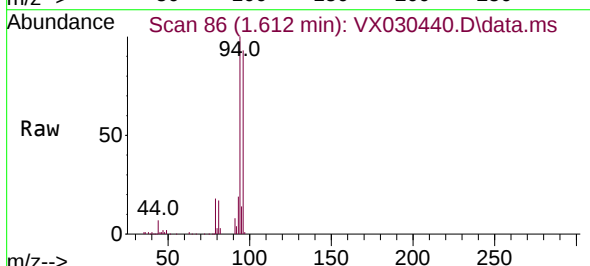
Instrument :
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 ClientSampleId :

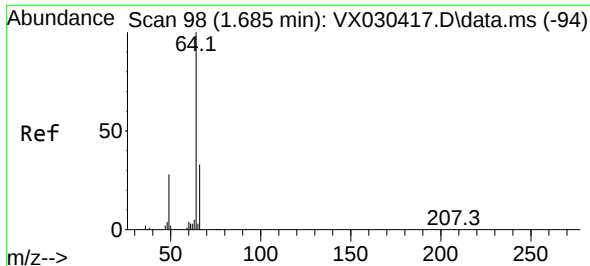
Tgt Ion: 62 Resp: 99562
 Ion Ratio Lower Upper
 62 100
 64 34.9 23.8 44.2



#6
 Bromomethane
 Concen: 51.112 ug/L
 RT: 1.612 min Scan# 86
 Delta R.T. 0.000 min
 Lab File: VX030440.D
 Acq: 05 Aug 2022 19:17

Tgt Ion: 94 Resp: 42321
 Ion Ratio Lower Upper
 94 100
 96 93.0 63.8 118.6

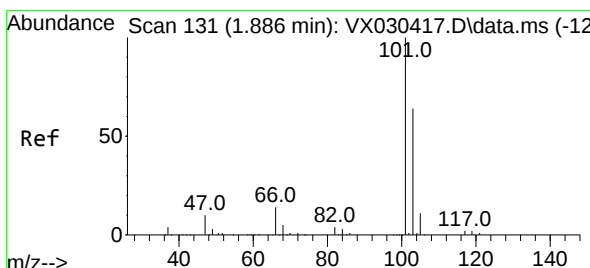
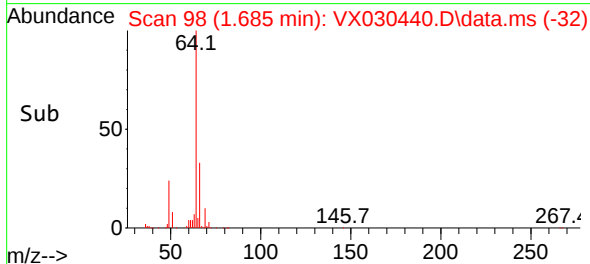
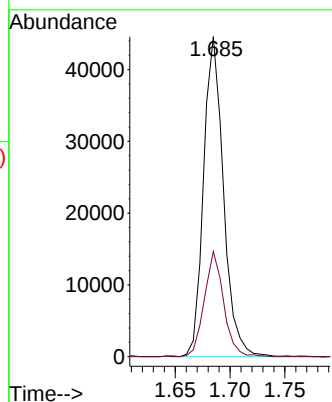
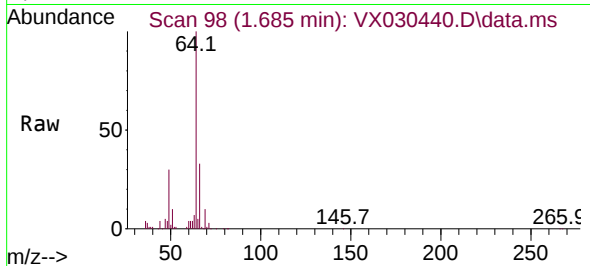




#8
Chloroethane
Concen: 55.942 ug/L
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX030440.D
Acq: 05 Aug 2022 19:17

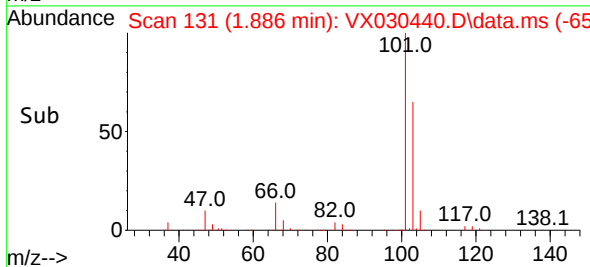
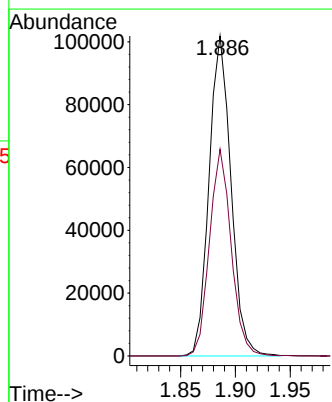
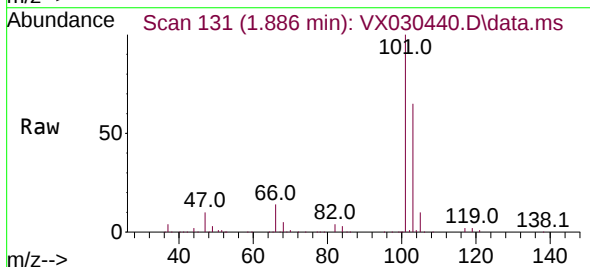
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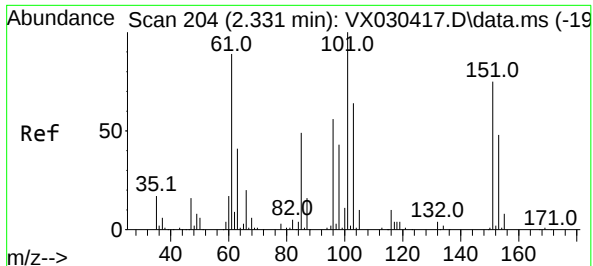
Tgt Ion: 64 Resp: 56146
Ion Ratio Lower Upper
64 100
66 32.9 22.1 41.1



#9
Trichlorofluoromethane
Concen: 54.412 ug/L
RT: 1.886 min Scan# 131
Delta R.T. 0.000 min
Lab File: VX030440.D
Acq: 05 Aug 2022 19:17

Tgt Ion: 101 Resp: 141694
Ion Ratio Lower Upper
101 100
103 63.8 51.5 77.3

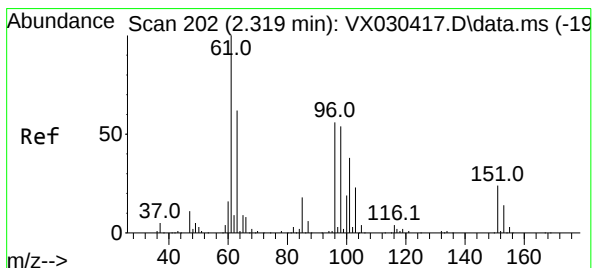
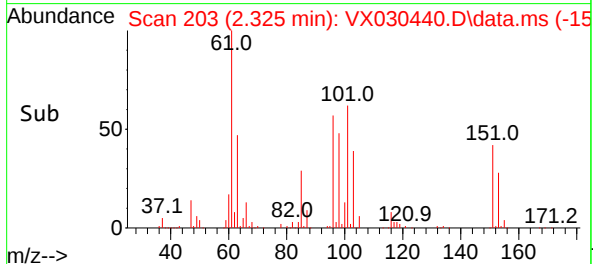
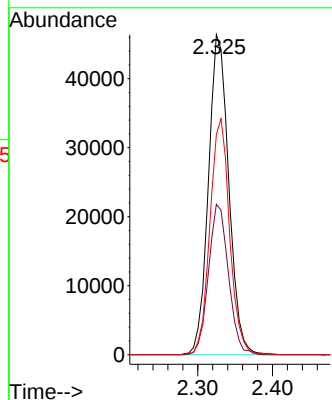
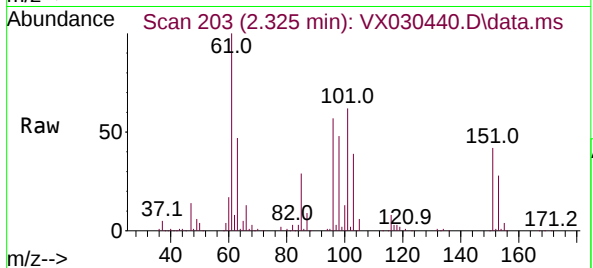




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 56.611 ug/L
 RT: 2.325 min Scan# 204
 Delta R.T. -0.006 min
 Lab File: VX030440.D
 Acq: 05 Aug 2022 19:17

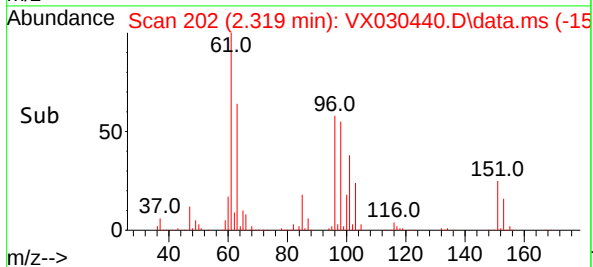
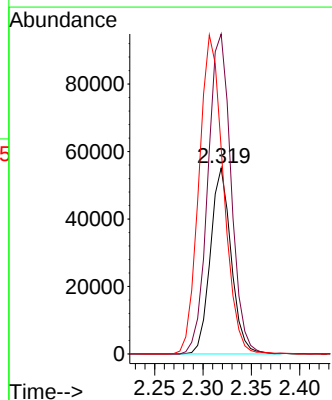
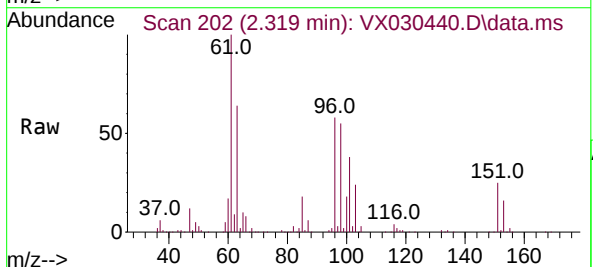
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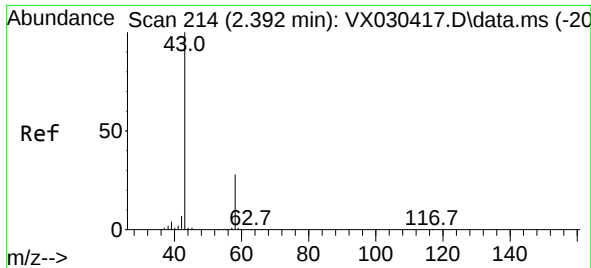
Tgt Ion:101 Resp: 87683
 Ion Ratio Lower Upper
 101 100
 85 46.0 35.3 52.9
 151 71.1 58.3 87.5



#12
 1,1-Dichloroethene
 Concen: 57.725 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX030440.D
 Acq: 05 Aug 2022 19:17

Tgt Ion: 96 Resp: 82371
 Ion Ratio Lower Upper
 96 100
 61 172.1 130.2 241.8
 63 110.8 113.5 210.9#





#13

Acetone

Concen: 113.165 ug/L

RT: 2.392 min Scan# 214

Delta R.T. 0.000 min

Lab File: VX030440.D

Acq: 05 Aug 2022 19:17

Instrument :

MSVOA_X

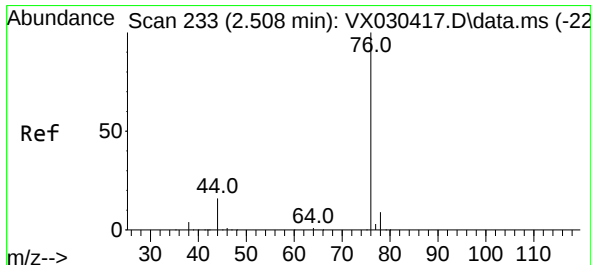
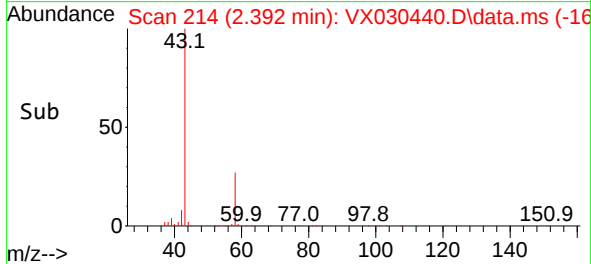
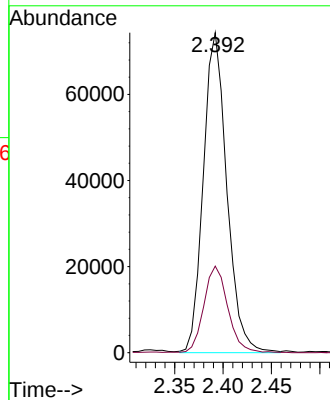
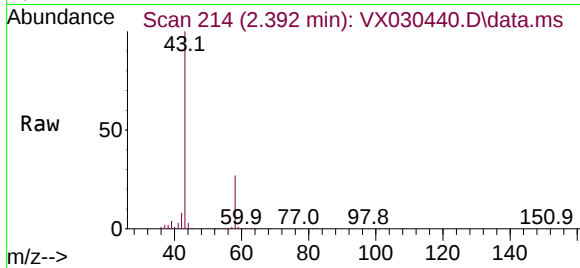
ClientSampleId :

Tgt Ion: 43 Resp: 125815

Ion Ratio Lower Upper

43 100

58 27.5 0.0 57.8



#14

Carbon disulfide

Concen: 51.211 ug/L

RT: 2.508 min Scan# 233

Delta R.T. 0.000 min

Lab File: VX030440.D

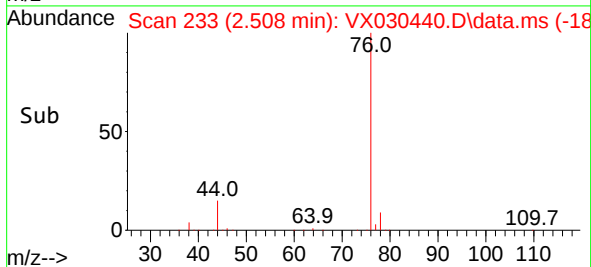
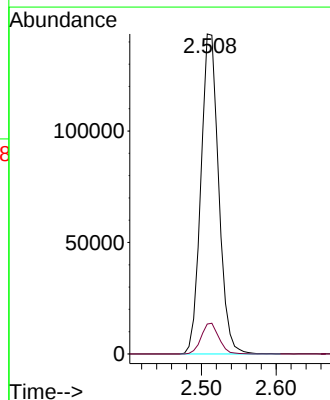
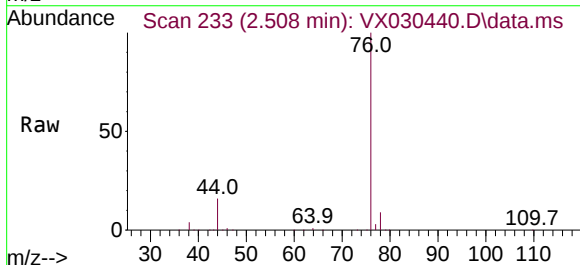
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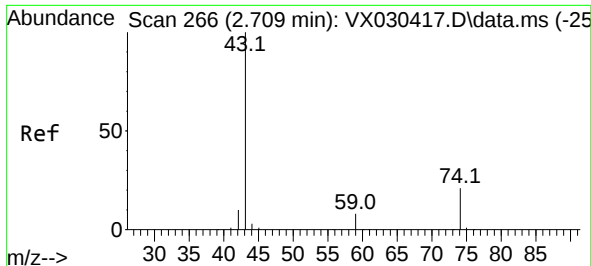
Tgt Ion: 76 Resp: 236847

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.2

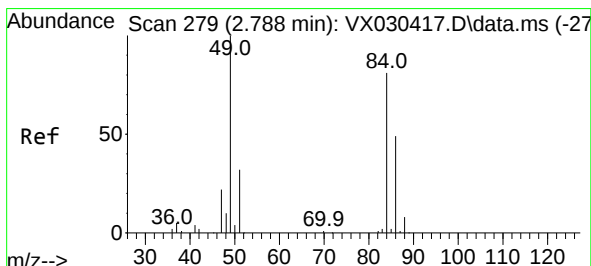
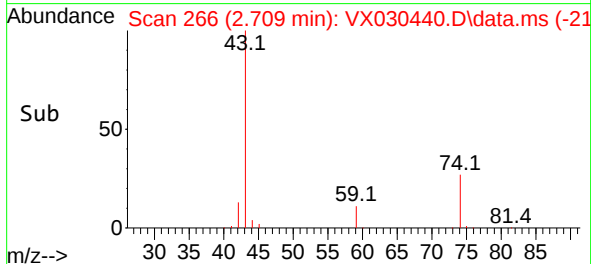
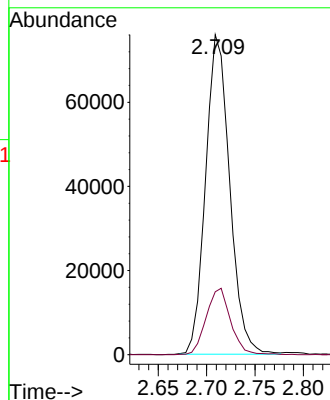
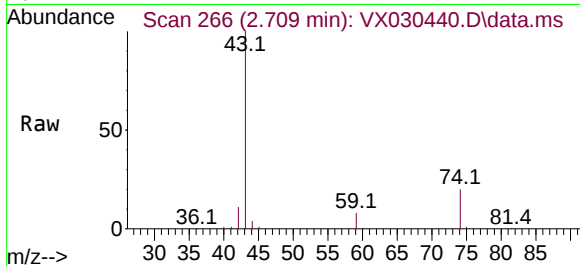




#15
Methyl Acetate
Concen: 57.328 ug/L
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX030440.D
Acq: 05 Aug 2022 19:17

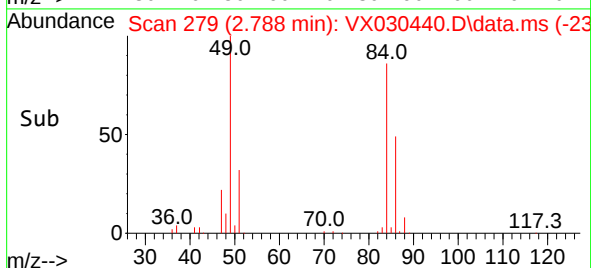
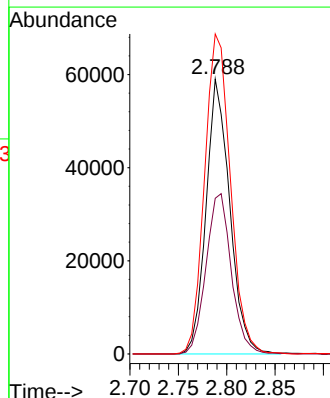
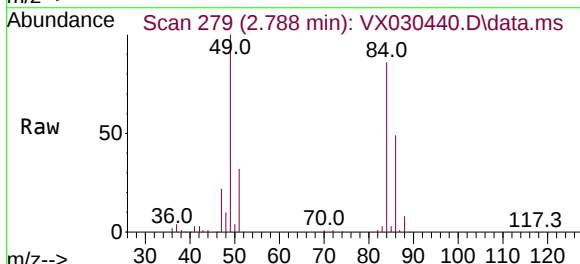
Instrument :
MSVOA_X
ClientSampleId :

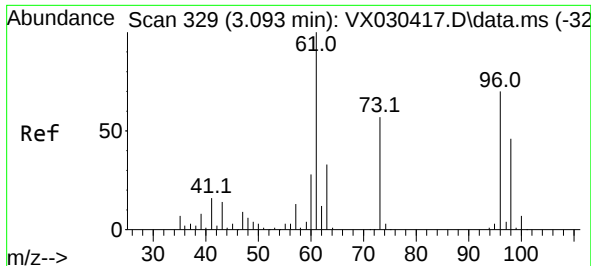
Tgt Ion: 43 Resp: 131925
Ion Ratio Lower Upper
43 100
74 21.0 17.2 25.8



#16
Methylene chloride
Concen: 55.711 ug/L
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX030440.D
Acq: 05 Aug 2022 19:17

Tgt Ion: 84 Resp: 100803
Ion Ratio Lower Upper
84 100
86 56.7 44.2 82.2
49 116.4 89.0 165.2



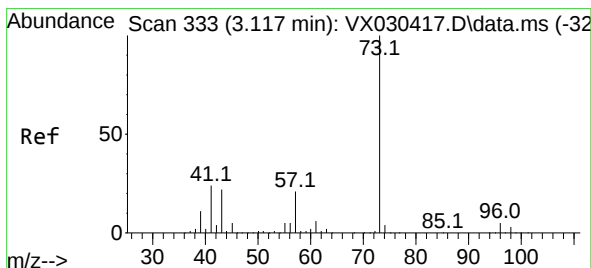
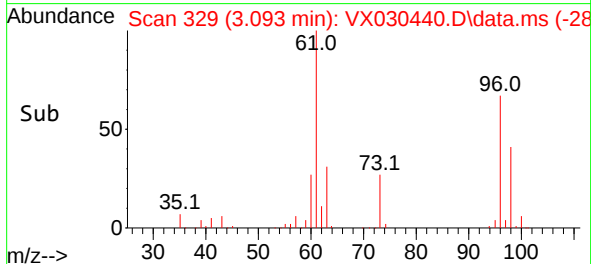
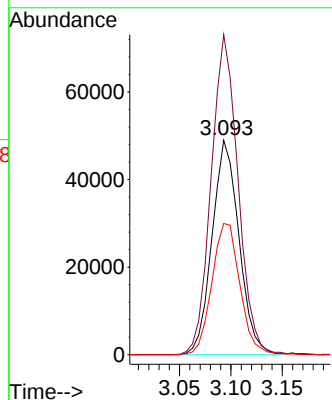
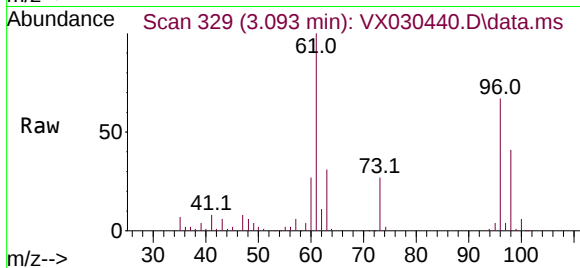


#17
 trans-1,2-Dichloroethene
 Concen: 53.940 ug/L
 RT: 3.093 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VX030440.D
 Acq: 05 Aug 2022 19:17

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 96 Resp: 89171

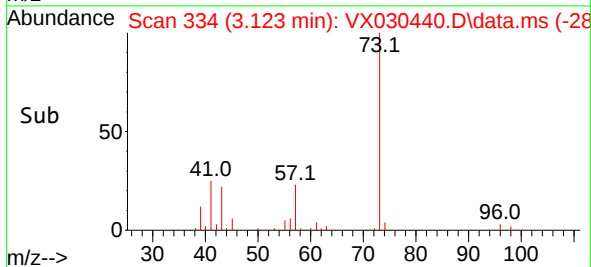
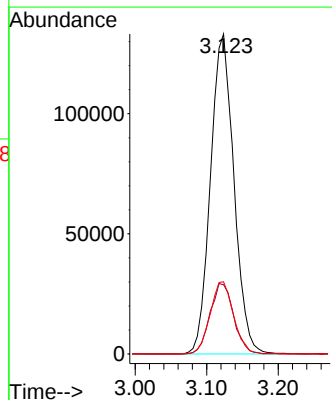
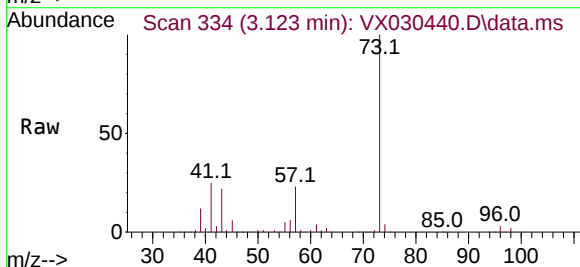
Ion	Ratio	Lower	Upper
96	100		
61	149.3	103.7	192.5
98	61.2	41.5	77.1

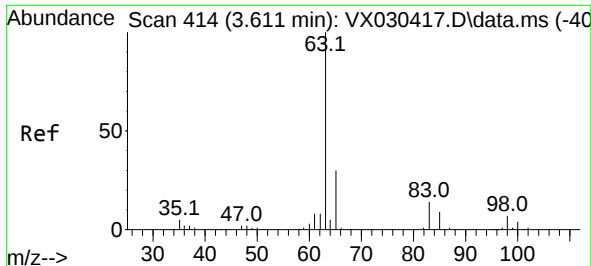


#18
 Methyl tert-butyl Ether
 Concen: 53.848 ug/L
 RT: 3.123 min Scan# 334
 Delta R.T. 0.006 min
 Lab File: VX030440.D
 Acq: 05 Aug 2022 19:17

Tgt Ion: 73 Resp: 302731

Ion	Ratio	Lower	Upper
73	100		
43	22.2	17.6	26.4
57	22.6	17.5	26.3





#19

1,1-Dichloroethane

Concen: 54.903 ug/L

RT: 3.611 min Scan# 414

Delta R.T. 0.000 min

Lab File: VX030440.D

Acq: 05 Aug 2022 19:17

Instrument :

MSVOA_X

ClientSampleId :

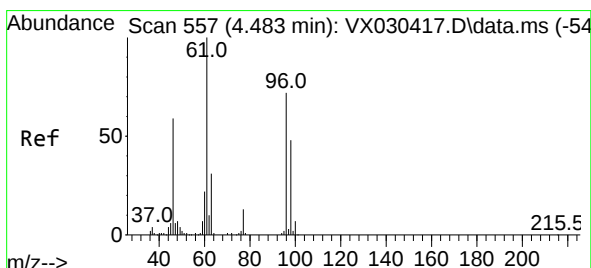
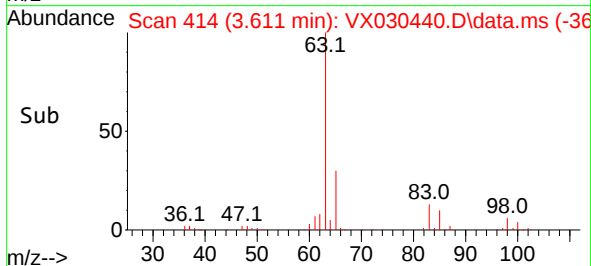
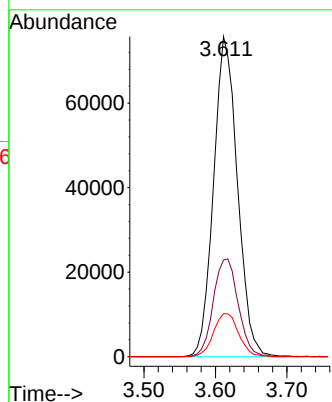
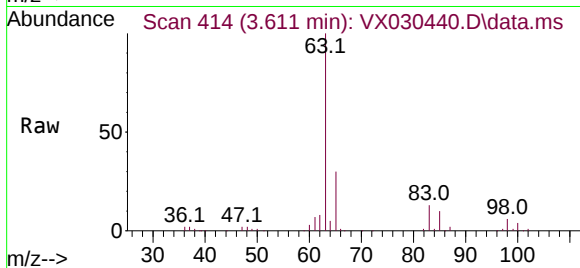
Tgt Ion: 63 Resp: 175550

Ion Ratio Lower Upper

63 100

65 30.2 22.0 40.8

83 13.5 9.9 18.3



#20

cis-1,2-Dichloroethene

Concen: 54.495 ug/L

RT: 4.495 min Scan# 559

Delta R.T. 0.012 min

Lab File: VX030440.D

Acq: 05 Aug 2022 19:17

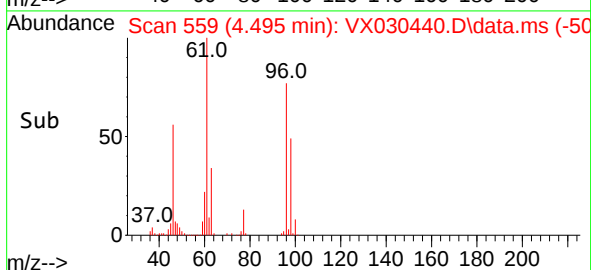
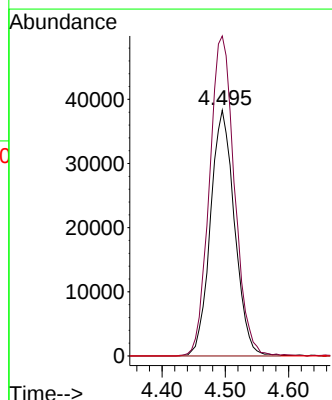
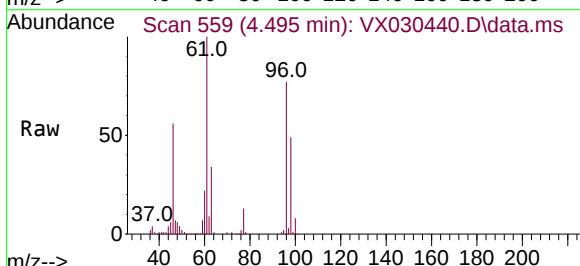
Tgt Ion: 96 Resp: 101343

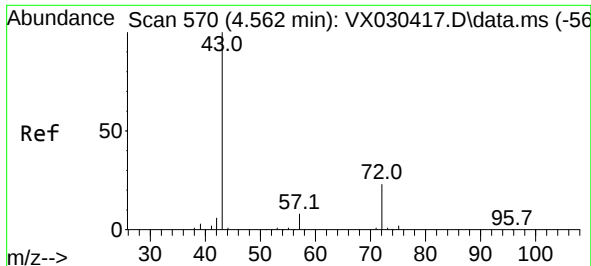
Ion Ratio Lower Upper

96 100

61 130.2 94.0 174.6

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 114.077 ug/L

RT: 4.574 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX030440.D

Acq: 05 Aug 2022 19:17

Instrument :

MSVOA_X

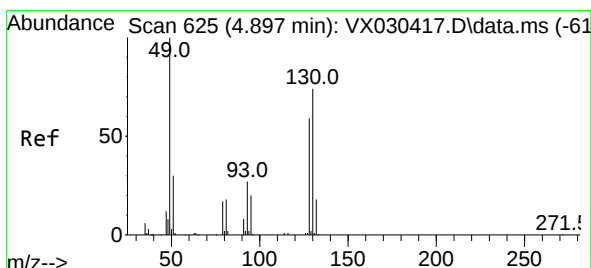
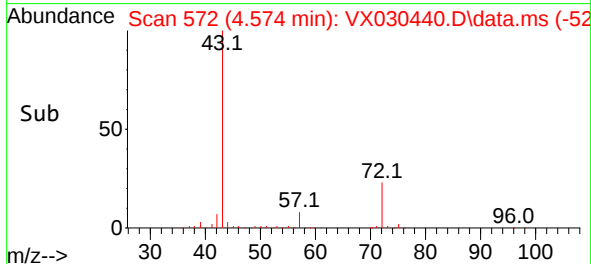
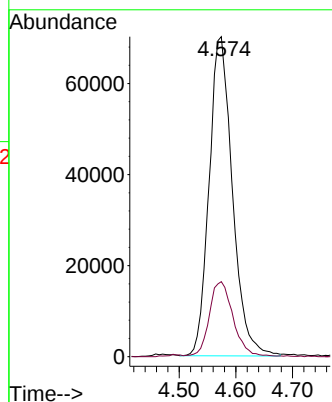
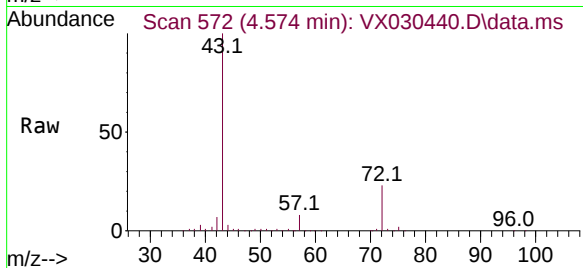
ClientSampleId :

Tgt Ion: 43 Resp: 200076

Ion Ratio Lower Upper

43 100

72 24.1 11.7 35.1



#23

Bromochloromethane

Concen: 53.750 ug/L

RT: 4.910 min Scan# 627

Delta R.T. 0.012 min

Lab File: VX030440.D

Acq: 05 Aug 2022 19:17

Tgt Ion: 128 Resp: 50127

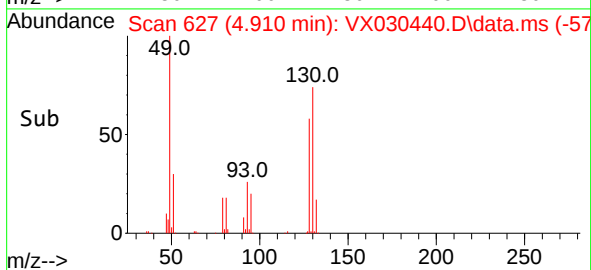
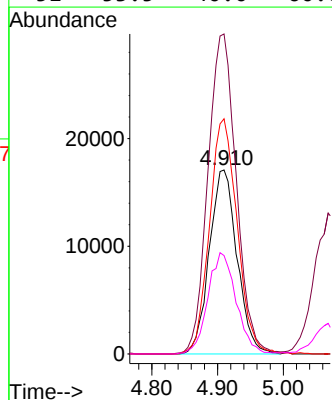
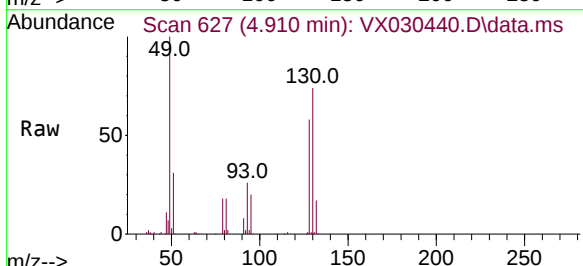
Ion Ratio Lower Upper

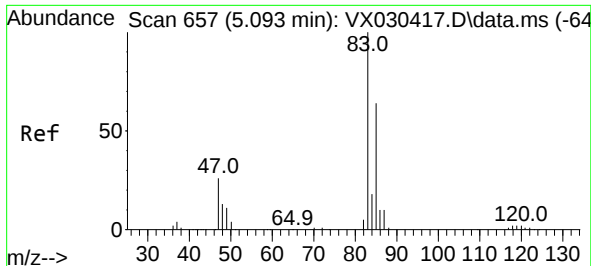
128 100

49 173.9 116.8 216.8

130 127.8 90.3 167.7

51 53.5 40.0 60.0





#25

Chloroform

Concen: 55.328 ug/L

RT: 5.105 min Scan# 61

Delta R.T. 0.012 min

Lab File: VX030440.D

Acq: 05 Aug 2022 19:17

Instrument :

MSVOA_X

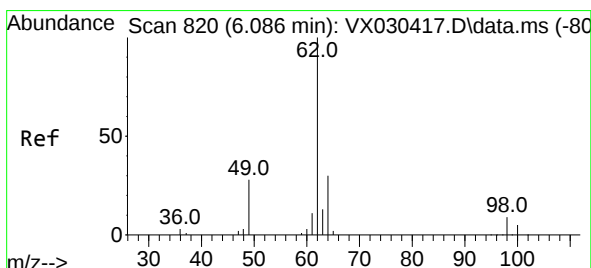
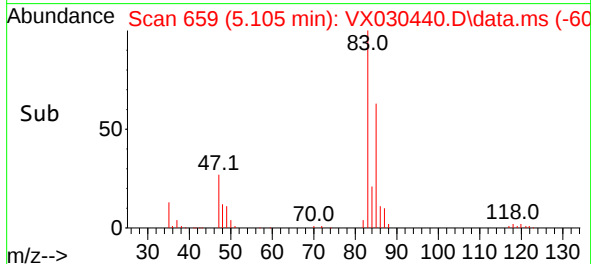
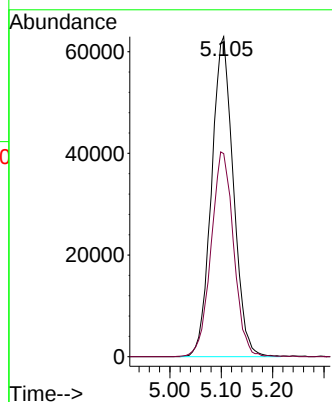
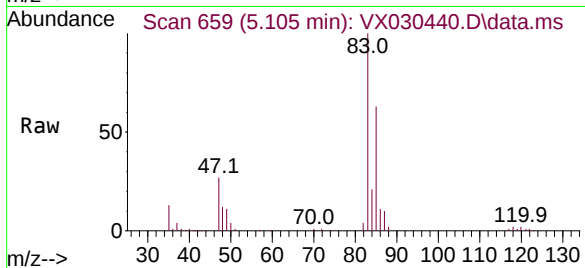
ClientSampleId :

Tgt Ion: 83 Resp: 185874

Ion Ratio Lower Upper

83 100

85 63.5 45.6 84.6



#27

1,2-Dichloroethane

Concen: 54.672 ug/L

RT: 6.099 min Scan# 822

Delta R.T. 0.012 min

Lab File: VX030440.D

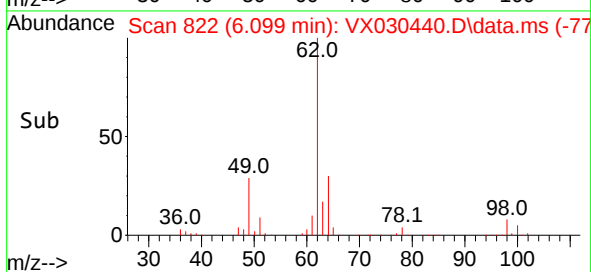
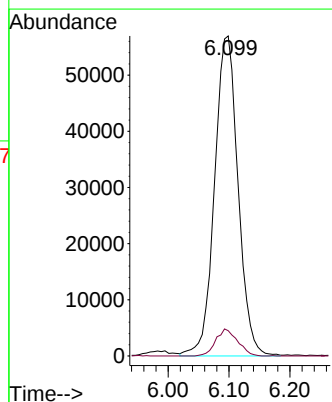
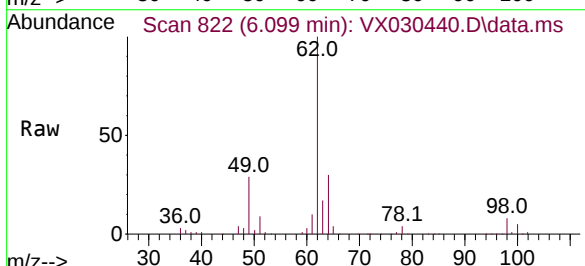
Acq: 05 Aug 2022 19:17

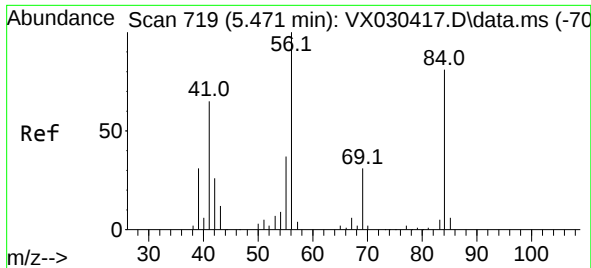
Tgt Ion: 62 Resp: 152869

Ion Ratio Lower Upper

62 100

98 7.9 7.0 10.6

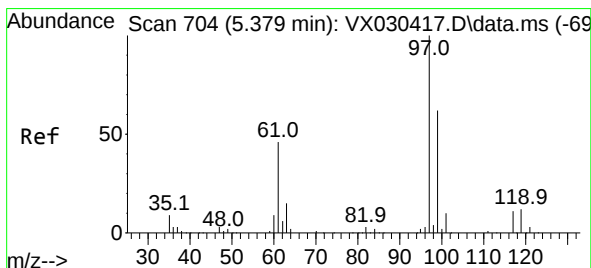
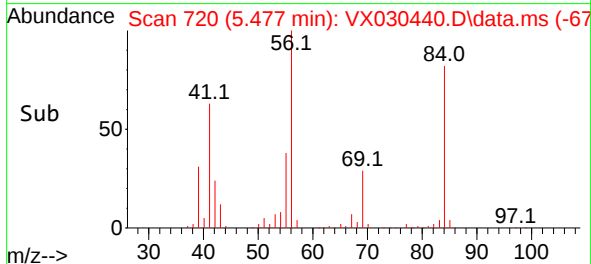
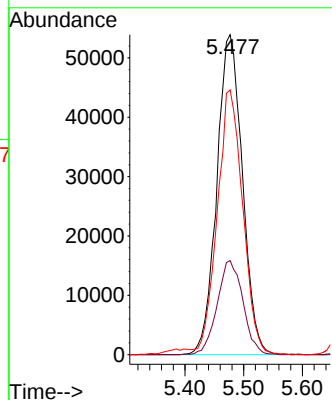
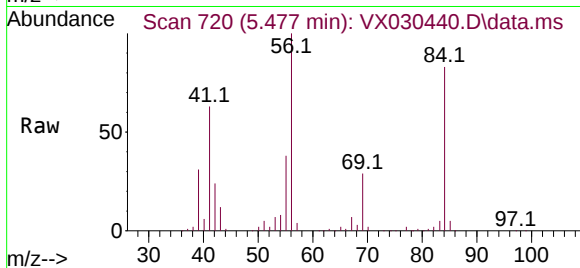




#29
Cyclohexane
Concen: 54.524 ug/L
RT: 5.477 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX030440.D
Acq: 05 Aug 2022 19:17

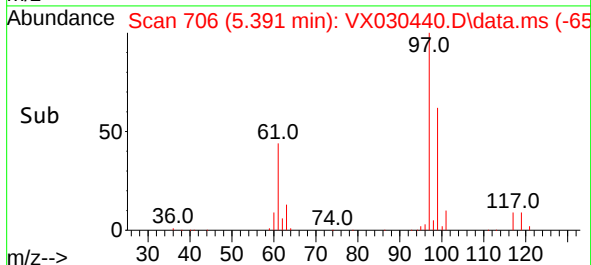
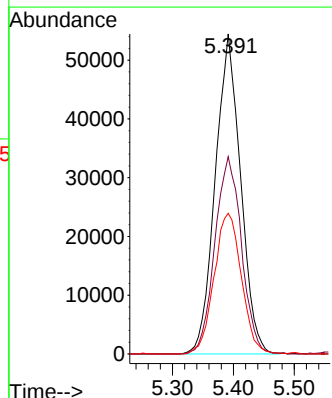
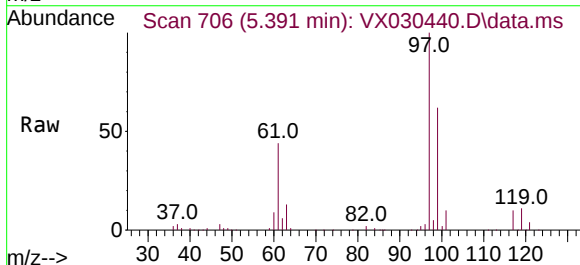
Instrument :
MSVOA_X
ClientSampleId :

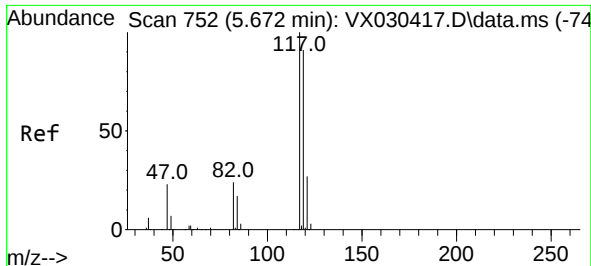
Tgt Ion: 56 Resp: 163045
Ion Ratio Lower Upper
56 100
69 29.6 24.3 36.5
84 81.9 66.7 100.1



#30
1,1,1-Trichloroethane
Concen: 52.973 ug/L
RT: 5.391 min Scan# 706
Delta R.T. 0.012 min
Lab File: VX030440.D
Acq: 05 Aug 2022 19:17

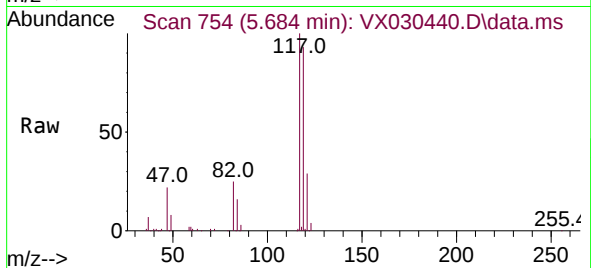
Tgt Ion: 97 Resp: 157175
Ion Ratio Lower Upper
97 100
99 64.7 51.4 77.0
61 47.5 37.0 55.6



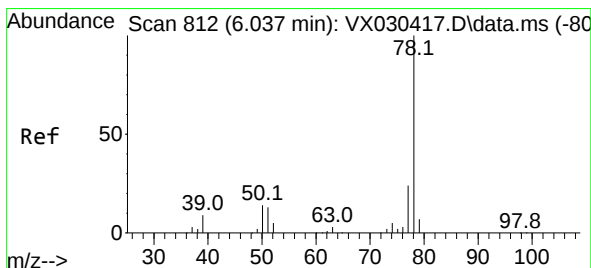
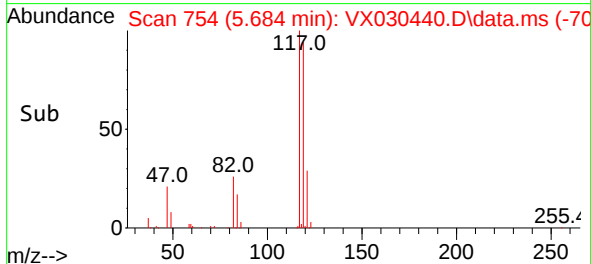
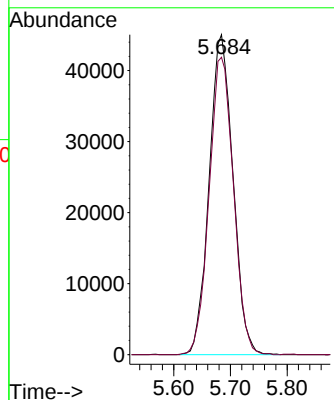


#31
Carbon tetrachloride
Concen: 53.715 ug/L
RT: 5.684 min Scan# 752
Delta R.T. 0.012 min
Lab File: VX030440.D
Acq: 05 Aug 2022 19:17

Instrument :
MSVOA_X
ClientSampleId :

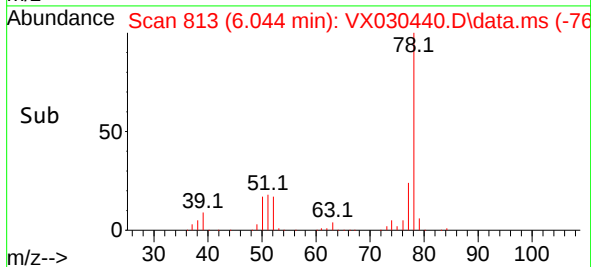
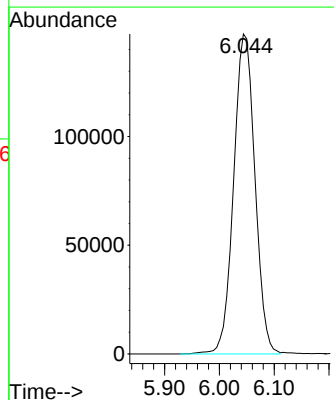
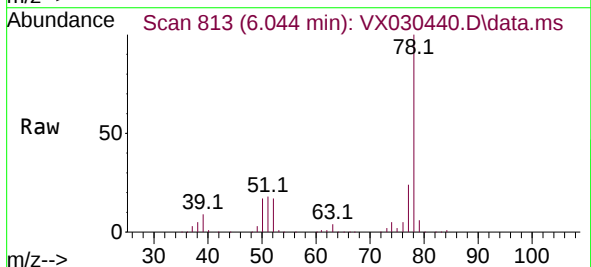


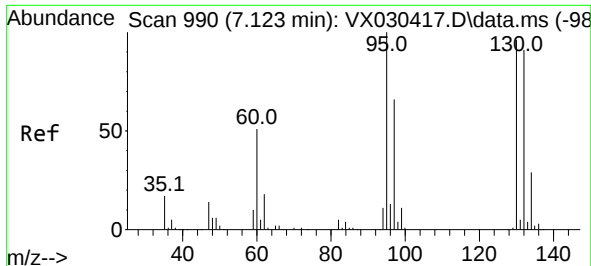
Tgt Ion:117 Resp: 131540
Ion Ratio Lower Upper
117 100
119 94.9 76.2 114.2



#33
Benzene
Concen: 55.031 ug/L
RT: 6.044 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX030440.D
Acq: 05 Aug 2022 19:17

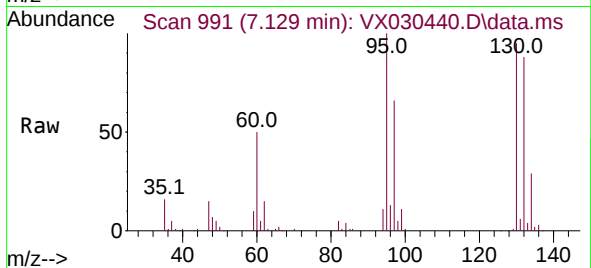
Tgt Ion: 78 Resp: 396882



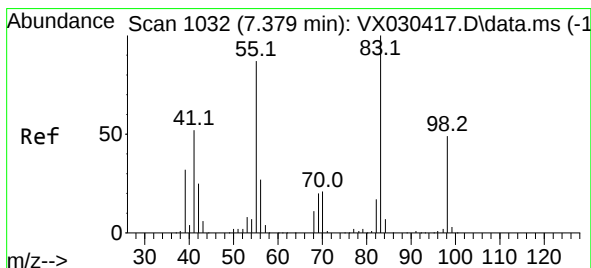
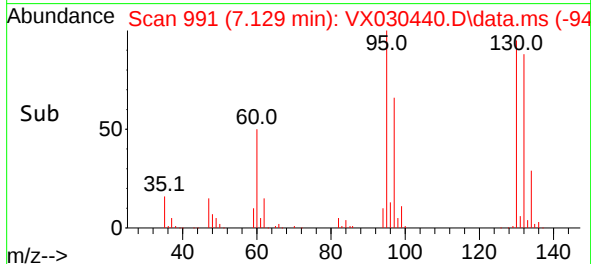
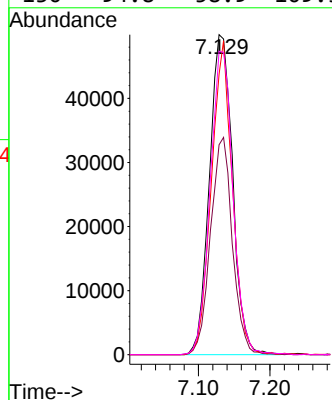


#34
Trichloroethene
Concen: 53.907 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX030440.D
Acq: 05 Aug 2022 19:17

Instrument :
MSVOA_X
ClientSampleId :

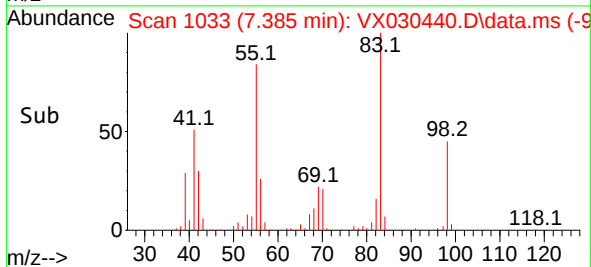
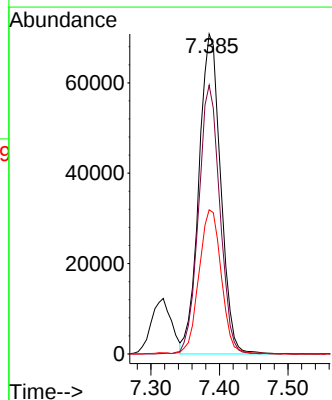
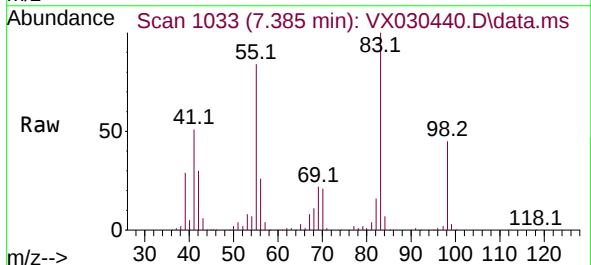


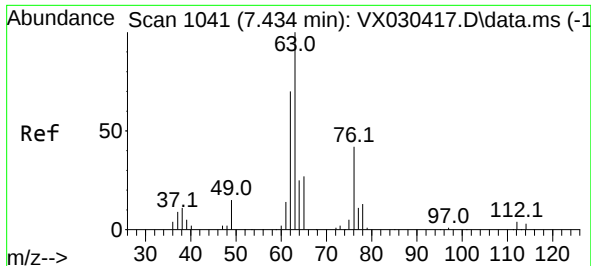
Tgt Ion:	95	Resp:	112600
Ion Ratio	100	Lower	Upper
95	100		
97	65.6	40.2	74.6
132	87.7	55.3	102.7
130	94.8	58.9	109.5



#35
Methylcyclohexane
Concen: 51.467 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. 0.006 min
Lab File: VX030440.D
Acq: 05 Aug 2022 19:17

Tgt Ion:	83	Resp:	156502
Ion Ratio	100	Lower	Upper
83	100		
55	82.1	64.0	96.0
98	46.1	36.7	55.1





#37

1,2-Dichloropropane

Concen: 54.437 ug/L

RT: 7.434 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX030440.D

Acq: 05 Aug 2022 19:17

Instrument :

MSVOA_X

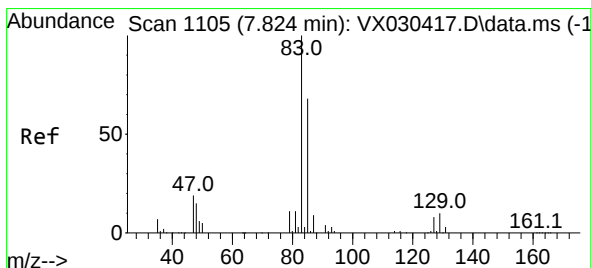
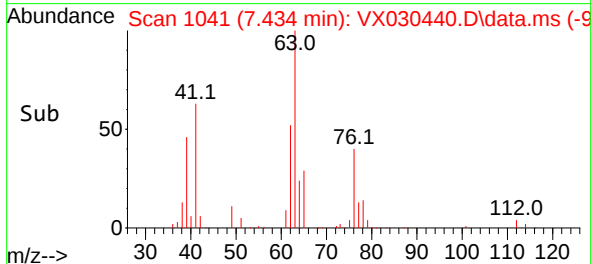
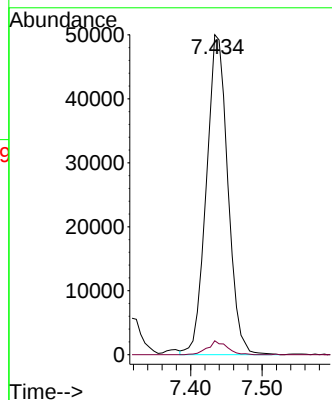
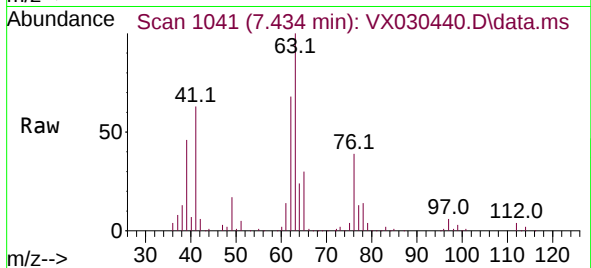
ClientSampleId :

Tgt Ion: 63 Resp: 104385

Ion Ratio Lower Upper

63 100

112 3.9 3.0 4.4



#38

Bromodichloromethane

Concen: 53.262 ug/L

RT: 7.830 min Scan# 1106

Delta R.T. 0.006 min

Lab File: VX030440.D

Acq: 05 Aug 2022 19:17

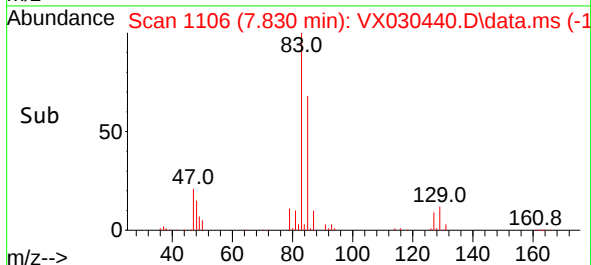
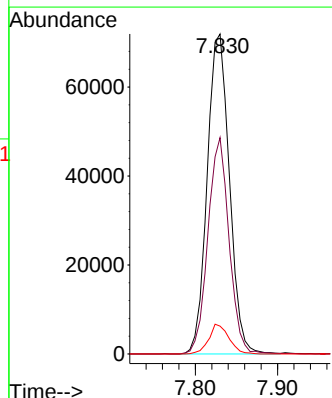
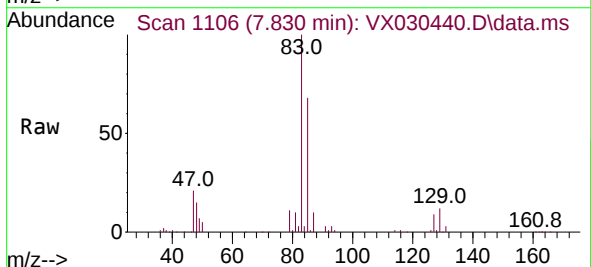
Tgt Ion: 83 Resp: 135170

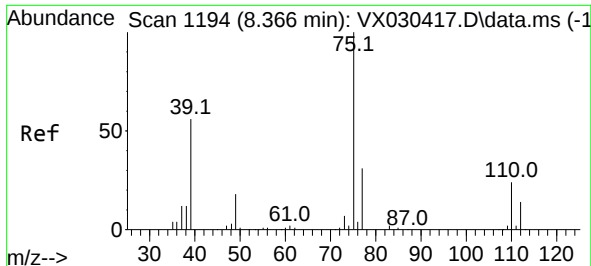
Ion Ratio Lower Upper

83 100

85 67.6 42.5 78.9

127 8.7 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 51.486 ug/L

RT: 8.373 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX030440.D

Acq: 05 Aug 2022 19:17

Instrument :

MSVOA_X

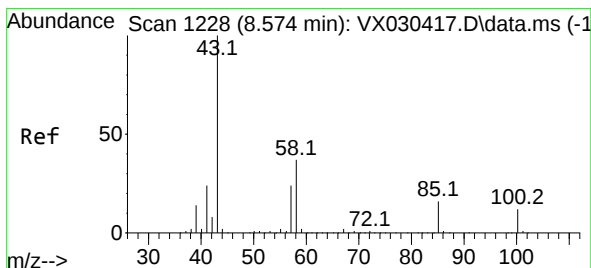
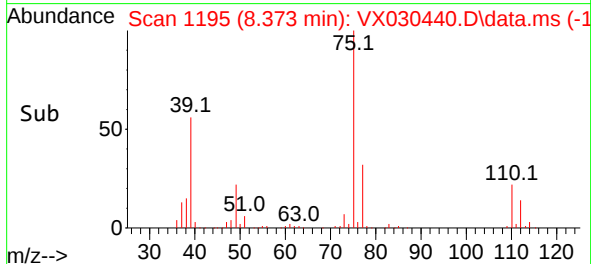
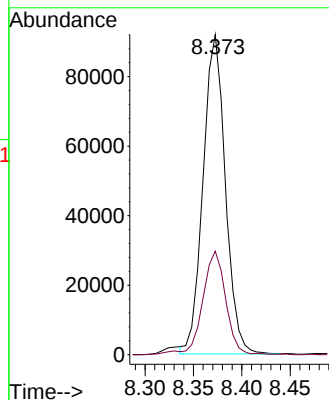
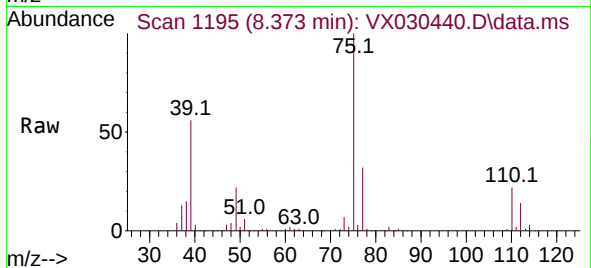
ClientSampleId :

Tgt Ion: 75 Resp: 147275

Ion Ratio Lower Upper

75 100

77 32.4 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 114.855 ug/L

RT: 8.580 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VX030440.D

Acq: 05 Aug 2022 19:17

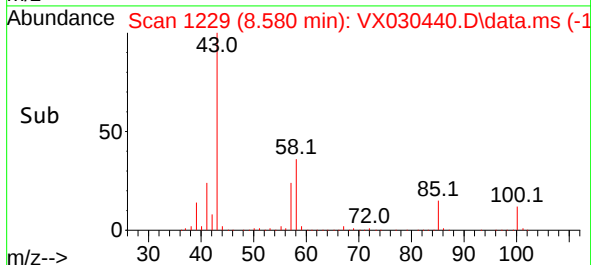
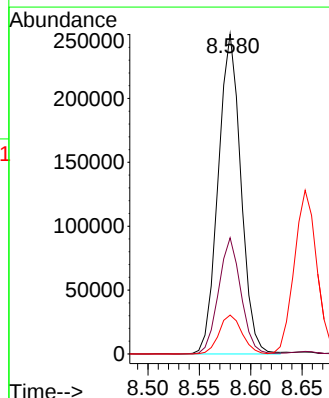
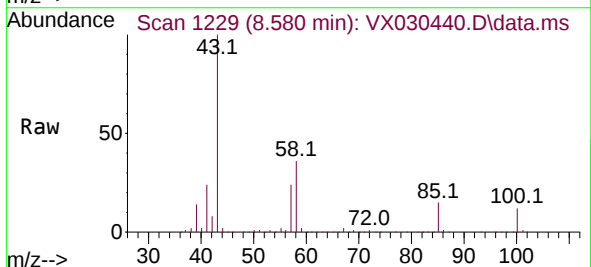
Tgt Ion: 43 Resp: 383536

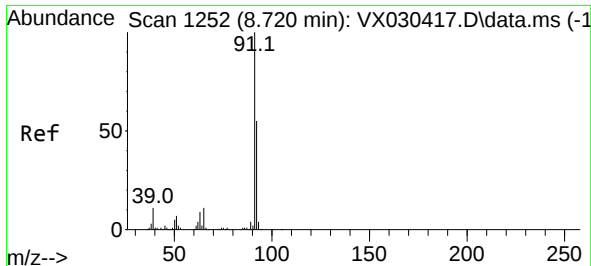
Ion Ratio Lower Upper

43 100

58 35.7 29.0 43.6

100 12.4 10.5 15.7





#42

Toluene

Concen: 54.177 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX030440.D

Acq: 05 Aug 2022 19:17

Instrument :

MSVOA_X

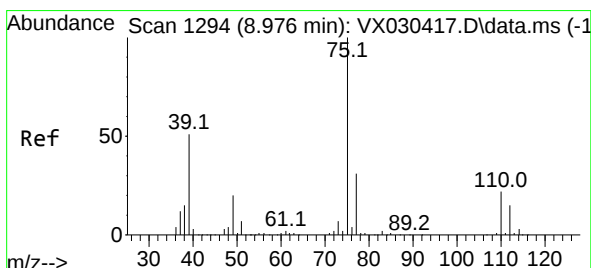
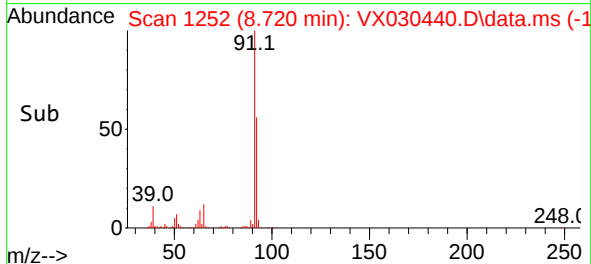
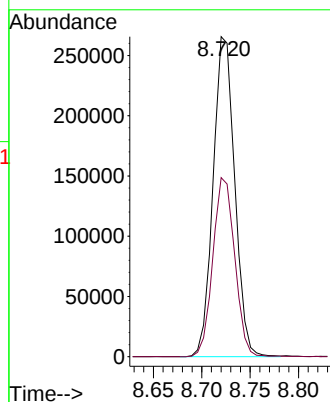
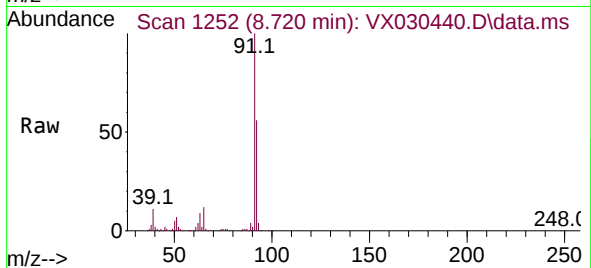
ClientSampleId :

Tgt Ion: 91 Resp: 412757

Ion Ratio Lower Upper

91 100

92 56.0 40.0 74.4



#44

trans-1,3-Dichloropropene

Concen: 53.035 ug/L

RT: 8.982 min Scan# 1295

Delta R.T. 0.006 min

Lab File: VX030440.D

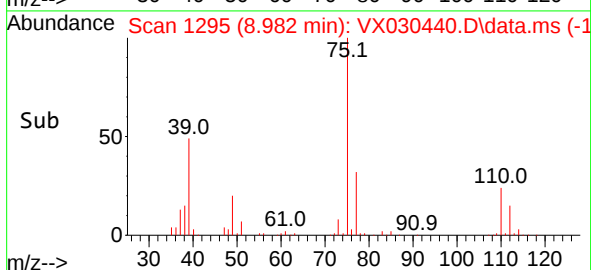
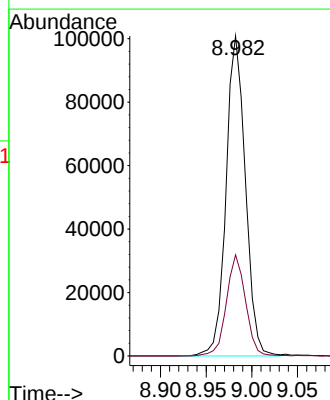
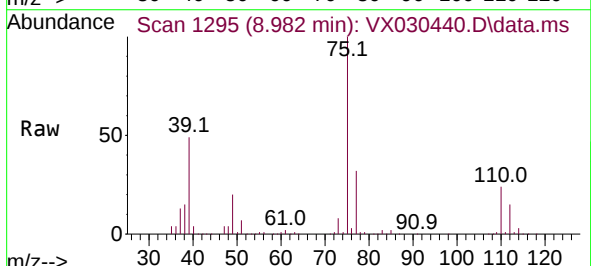
Acq: 05 Aug 2022 19:17

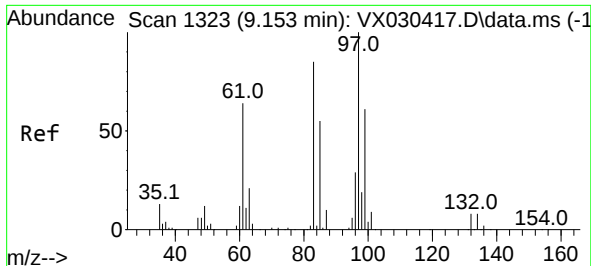
Tgt Ion: 75 Resp: 148485

Ion Ratio Lower Upper

75 100

77 31.6 22.5 41.7

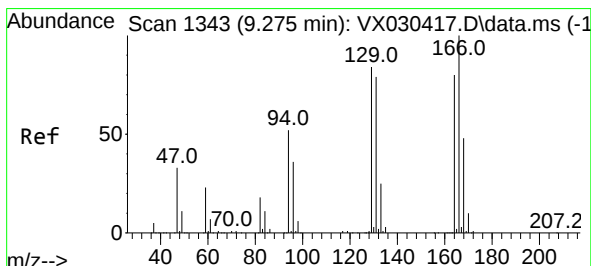
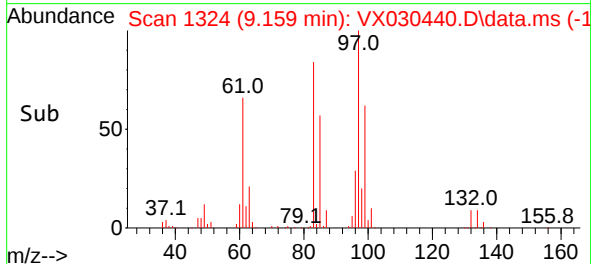
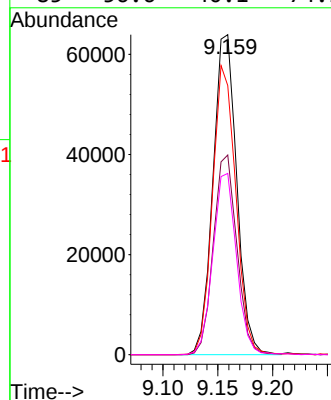
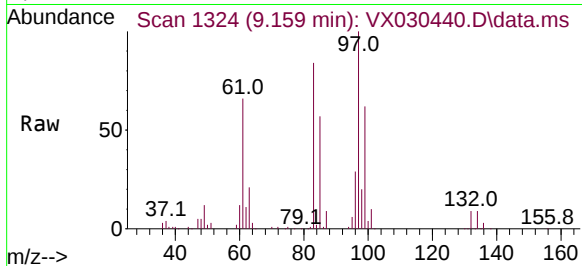




#45
1,1,2-Trichloroethane
Concen: 54.210 ug/L
RT: 9.159 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX030440.D
Acq: 05 Aug 2022 19:17

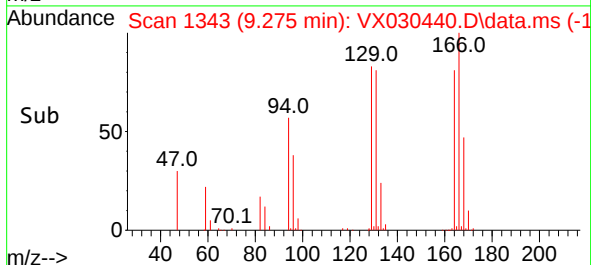
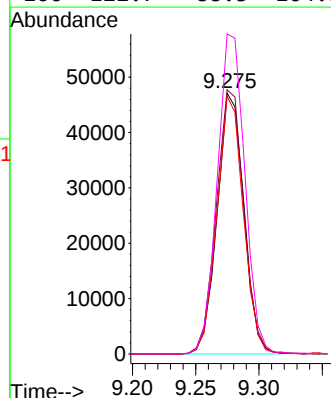
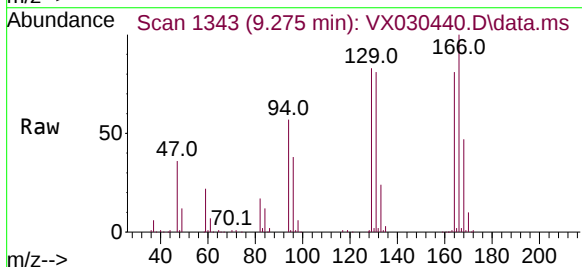
Instrument :
MSVOA_X
ClientSampleId :

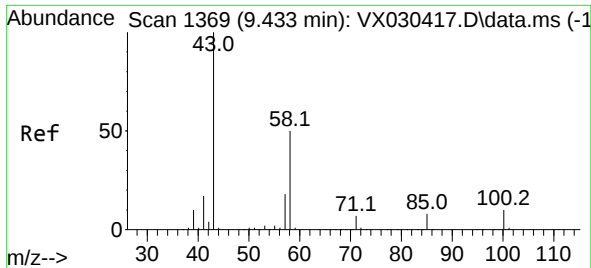
Tgt Ion: 97	Resp: 96659
Ion Ratio	Lower Upper
97 100	
99 62.4	43.3 80.3
83 84.1	63.0 117.0
85 56.6	40.1 74.5



#46
Tetrachloroethene
Concen: 52.336 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX030440.D
Acq: 05 Aug 2022 19:17

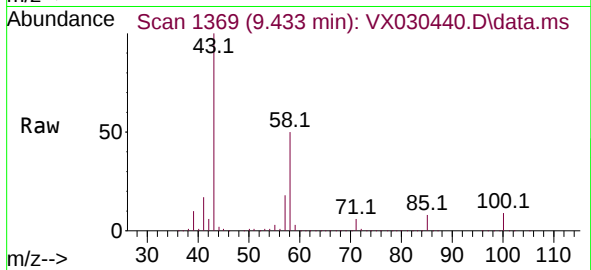
Tgt	Ion:164	Resp:	69088
Ion	Ratio	Lower	Upper
164	100		
129	101.3	72.7	135.1
131	98.8	69.9	129.9
166	122.7	88.3	164.1



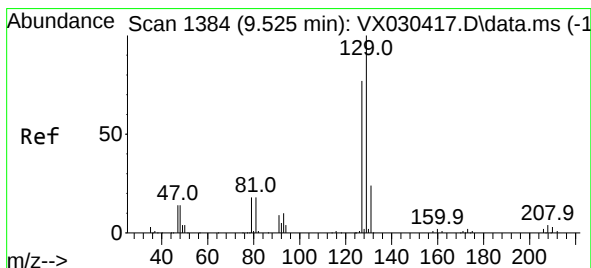
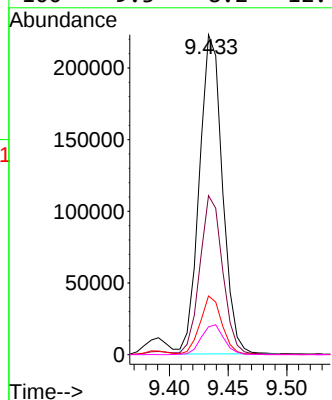
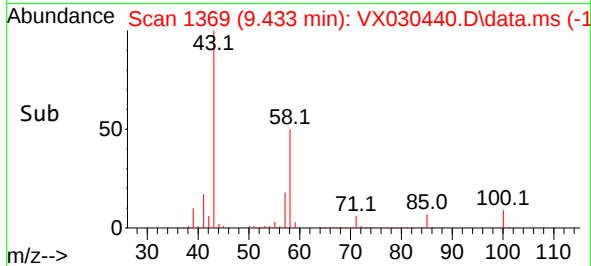


#48
2-Hexanone
Concen: 116.866 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX030440.D
Acq: 05 Aug 2022 19:17

Instrument :
MSVOA_X
ClientSampleId :

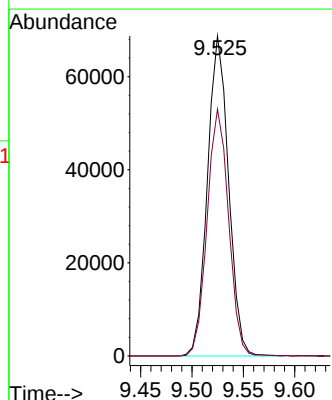
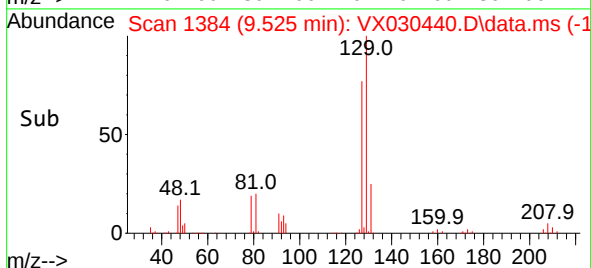
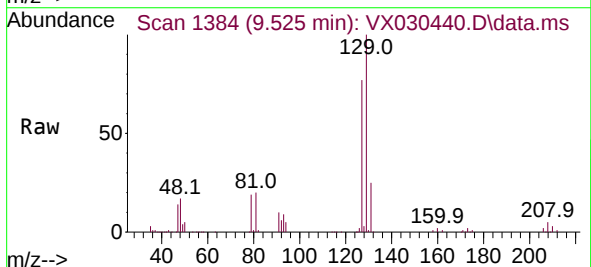


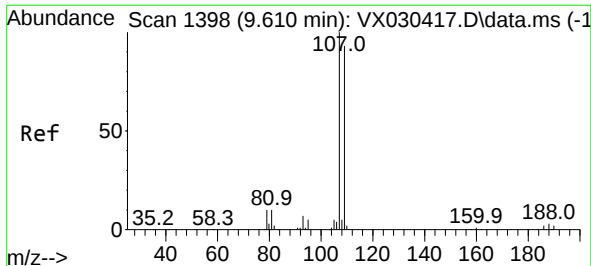
Tgt Ion: 43 Resp: 303214
Ion Ratio Lower Upper
43 100
58 49.5 40.4 60.6
57 17.6 14.6 22.0
100 9.3 8.2 12.4



#49
Dibromochloromethane
Concen: 51.834 ug/L
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX030440.D
Acq: 05 Aug 2022 19:17

Tgt Ion: 129 Resp: 98326
Ion Ratio Lower Upper
129 100
127 77.2 55.6 103.2





#50

1,2-Dibromoethane

Concen: 52.693 ug/L

RT: 9.616 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX030440.D

Acq: 05 Aug 2022 19:17

Instrument :

MSVOA_X

ClientSampleId :

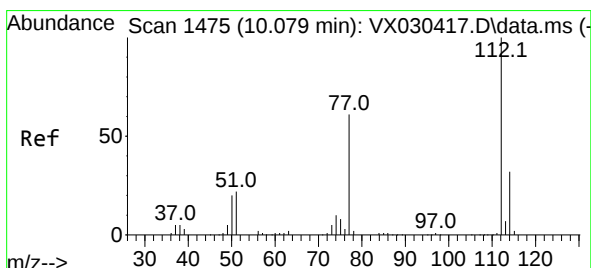
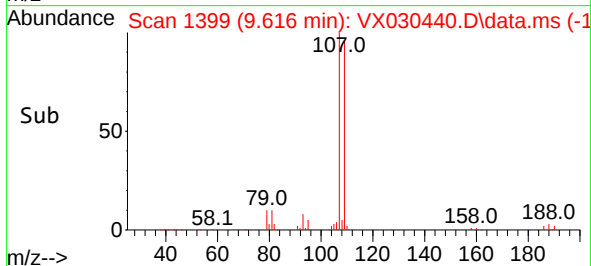
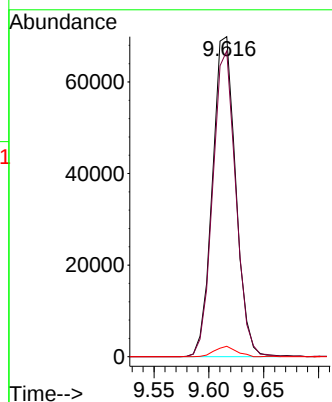
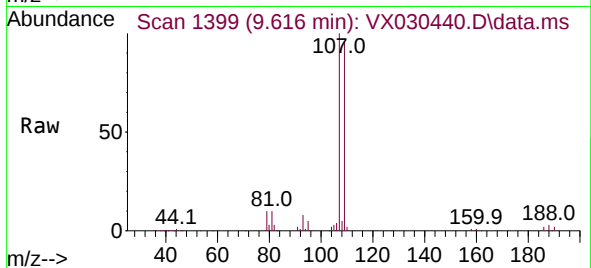
Tgt Ion:107 Resp: 103322

Ion Ratio Lower Upper

107 100

109 95.5 64.8 120.4

188 3.2 2.2 3.2



#51

Chlorobenzene

Concen: 53.393 ug/L

RT: 10.086 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VX030440.D

Acq: 05 Aug 2022 19:17

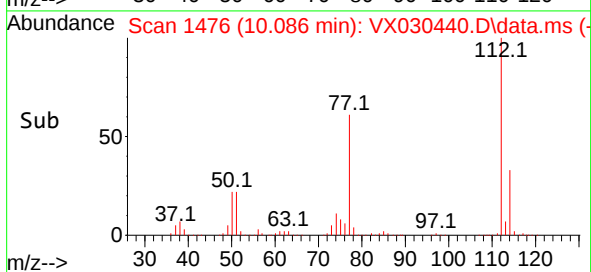
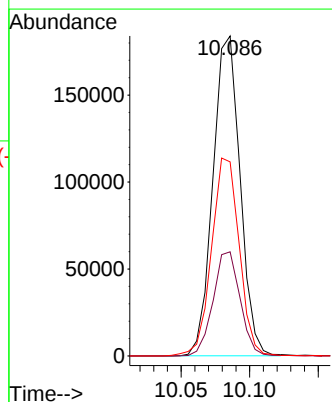
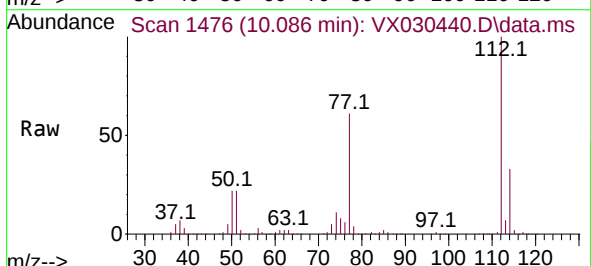
Tgt Ion:112 Resp: 253430

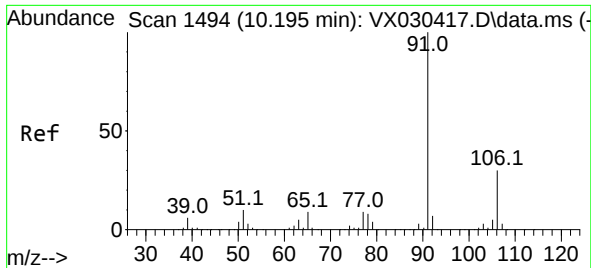
Ion Ratio Lower Upper

112 100

114 32.5 22.3 41.5

77 60.7 50.8 76.2

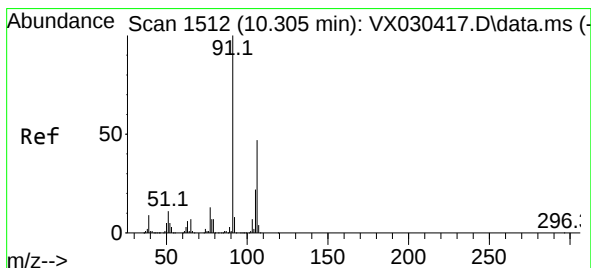
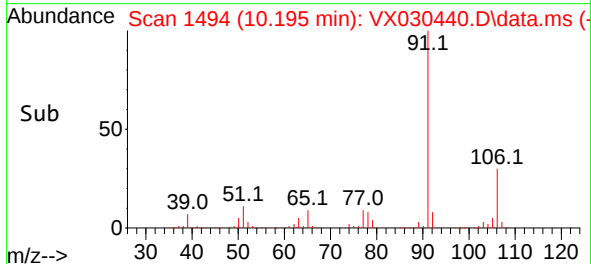
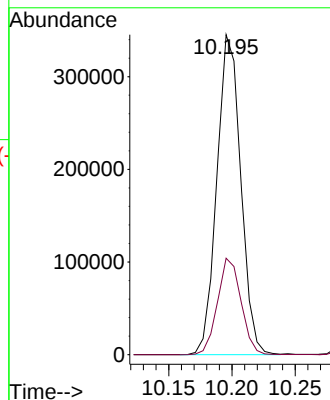
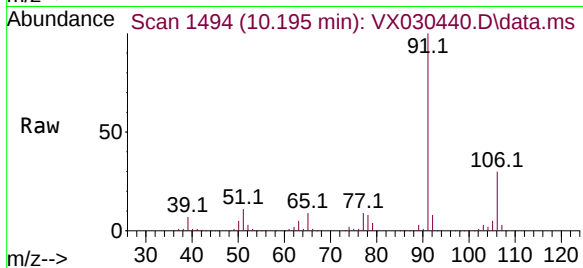




#52
Ethylbenzene
Concen: 54.493 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX030440.D
Acq: 05 Aug 2022 19:17

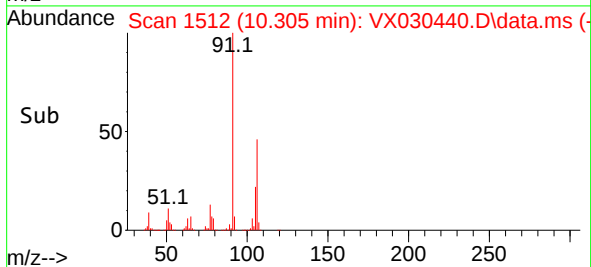
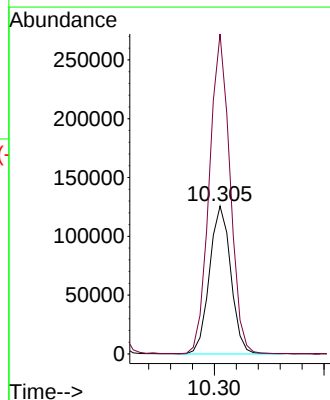
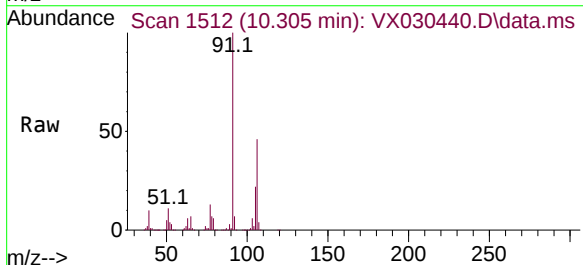
Instrument :
MSVOA_X
ClientSampleId :

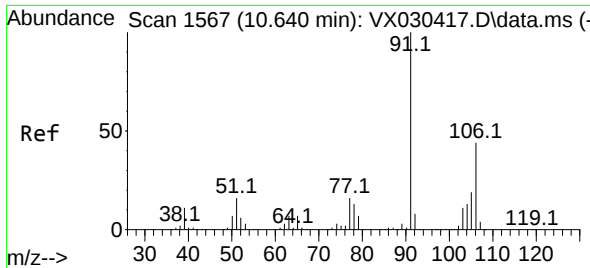
Tgt Ion: 91 Resp: 452679
Ion Ratio Lower Upper
91 100
106 30.2 21.3 39.5



#53
m,p-Xylene
Concen: 54.898 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX030440.D
Acq: 05 Aug 2022 19:17

Tgt Ion: 106 Resp: 169980
Ion Ratio Lower Upper
106 100
91 216.3 147.8 274.6

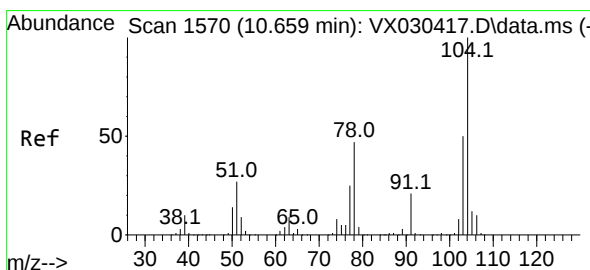
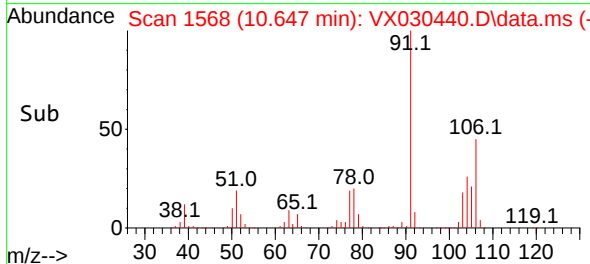
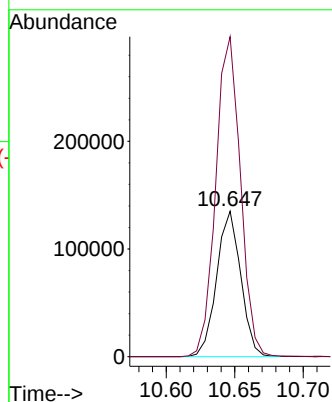
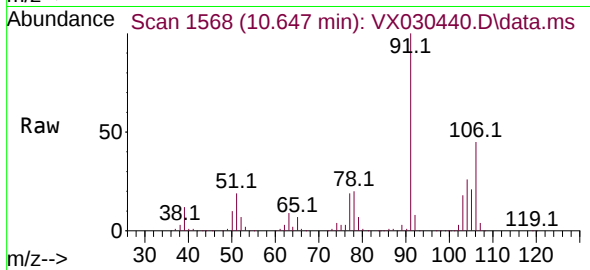




#54
o-Xylene
Concen: 53.604 ug/L
RT: 10.647 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX030440.D
Acq: 05 Aug 2022 19:17

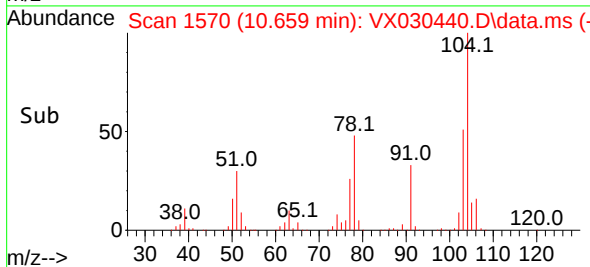
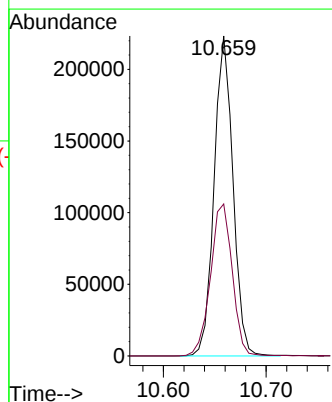
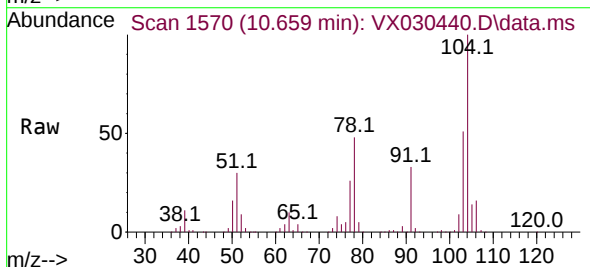
Instrument :
MSVOA_X
ClientSampleId :

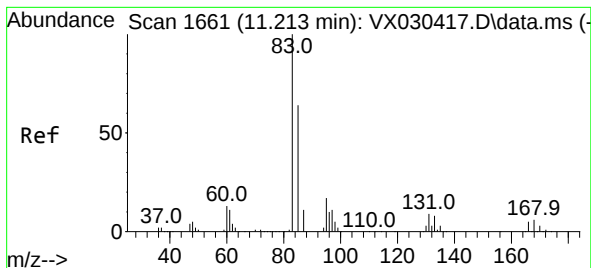
Tgt Ion:106 Resp: 165388
Ion Ratio Lower Upper
106 100
91 220.0 157.8 293.0



#55
Styrene
Concen: 54.747 ug/L
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX030440.D
Acq: 05 Aug 2022 19:17

Tgt Ion:104 Resp: 284412
Ion Ratio Lower Upper
104 100
78 47.5 33.2 61.7





#57

1,1,2,2-Tetrachloroethane

Concen: 55.107 ug/L

RT: 11.214 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX030440.D

Acq: 05 Aug 2022 19:17

Instrument :

MSVOA_X

ClientSampleId :

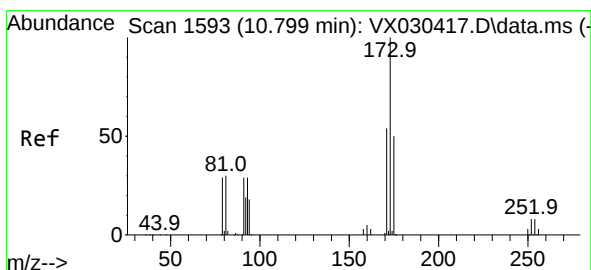
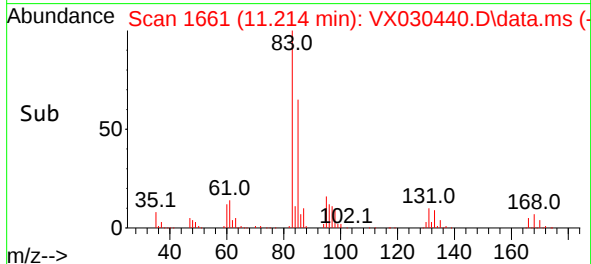
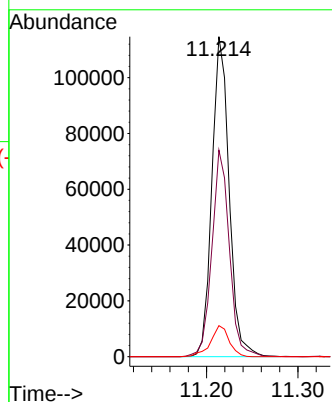
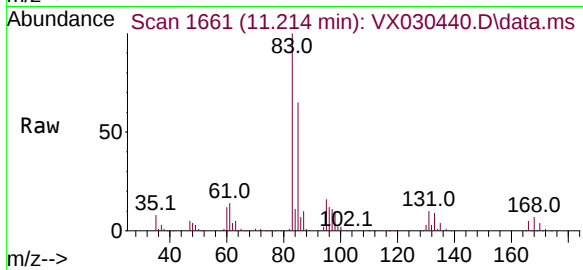
Tgt Ion: 83 Resp: 149507

Ion Ratio Lower Upper

83 100

85 64.5 44.4 82.4

131 9.7 7.5 11.3



#59

Bromoform

Concen: 54.014 ug/L

RT: 10.805 min Scan# 1594

Delta R.T. 0.006 min

Lab File: VX030440.D

Acq: 05 Aug 2022 19:17

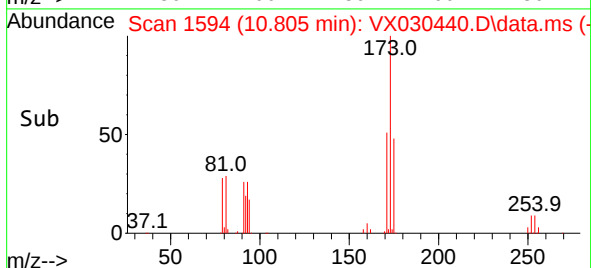
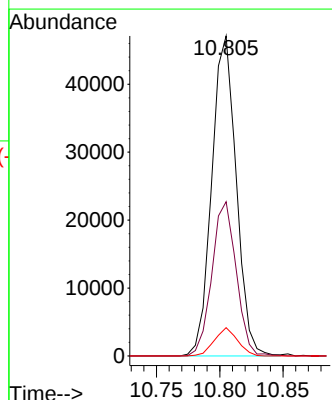
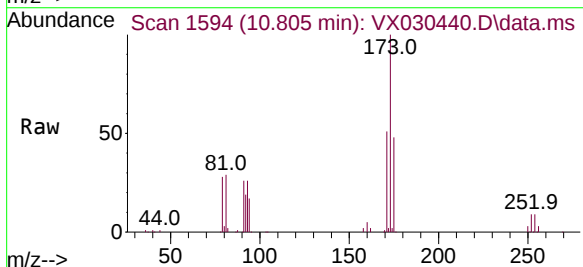
Tgt Ion:173 Resp: 63436

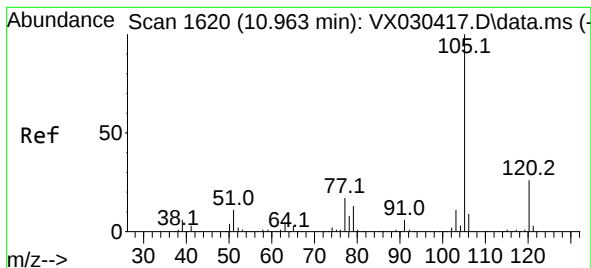
Ion Ratio Lower Upper

173 100

175 47.5 38.9 58.3

254 8.4 7.0 10.4





#60

Isopropylbenzene

Concen: 57.117 ug/L

RT: 10.964 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX030440.D

Acq: 05 Aug 2022 19:17

Instrument :

MSVOA_X

ClientSampleId :

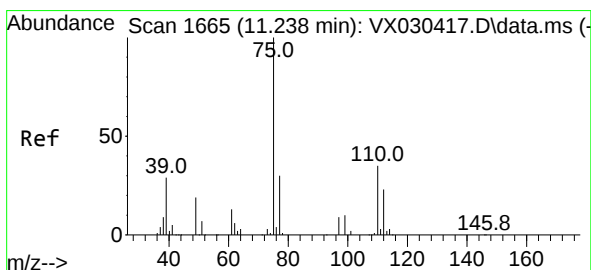
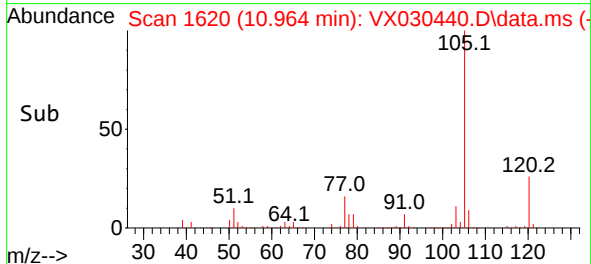
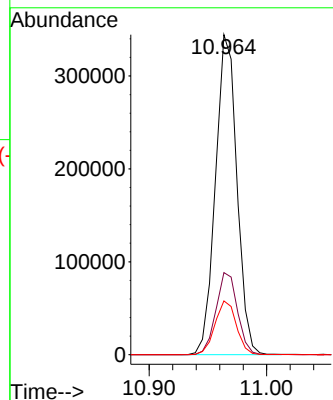
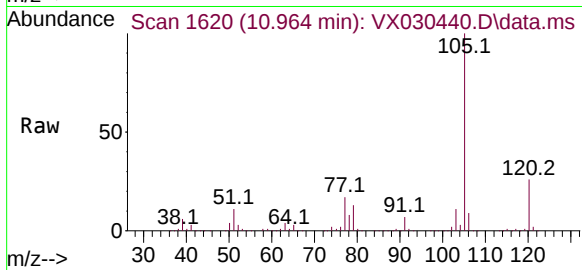
Tgt Ion:105 Resp: 436635

Ion Ratio Lower Upper

105 100

120 25.6 20.6 31.0

77 16.8 13.5 20.3



#61

1,2,3-Trichloropropane

Concen: 58.294 ug/L

RT: 11.244 min Scan# 1666

Delta R.T. 0.006 min

Lab File: VX030440.D

Acq: 05 Aug 2022 19:17

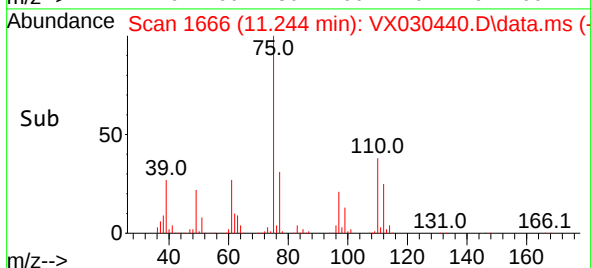
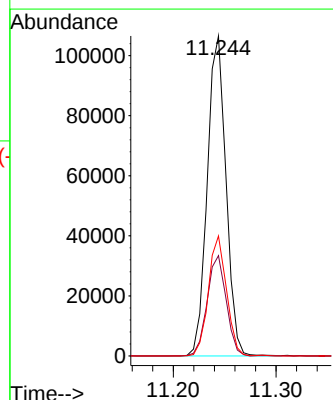
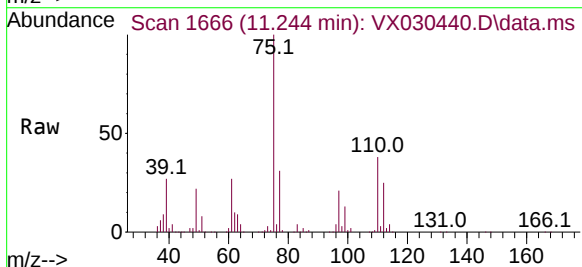
Tgt Ion: 75 Resp: 135015

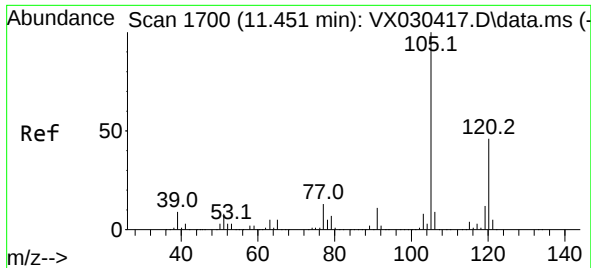
Ion Ratio Lower Upper

75 100

77 31.8 26.1 39.1

110 36.1 30.5 45.7

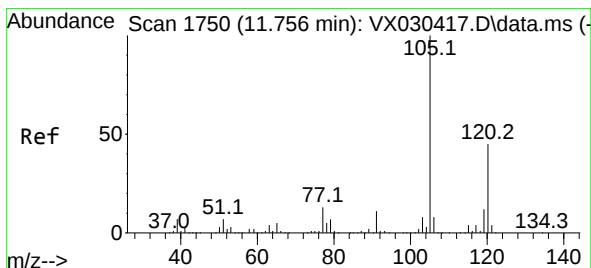
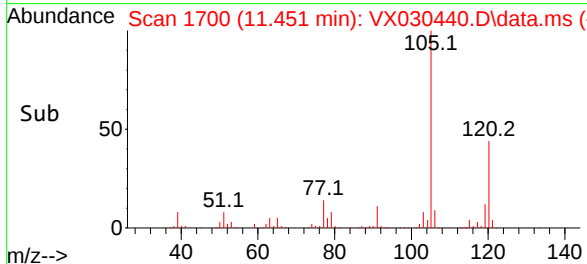
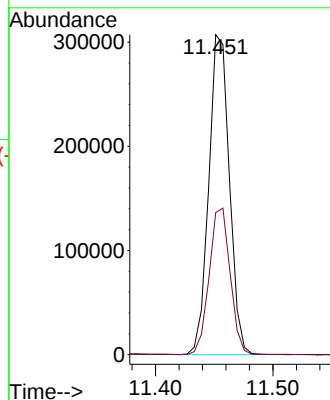
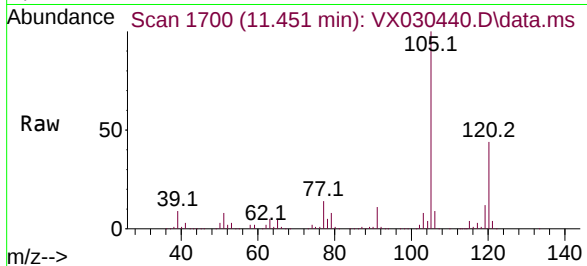




#62
 1,3,5-Trimethylbenzene
 Concen: 57.252 ug/L
 RT: 11.451 min Scan# 1700
 Delta R.T. 0.000 min
 Lab File: VX030440.D
 Acq: 05 Aug 2022 19:17

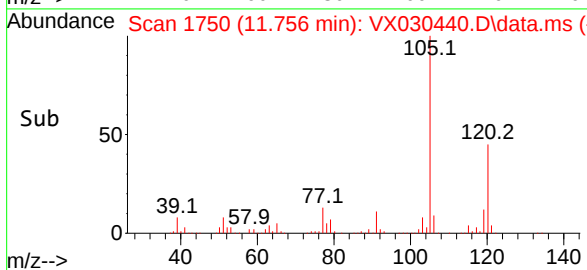
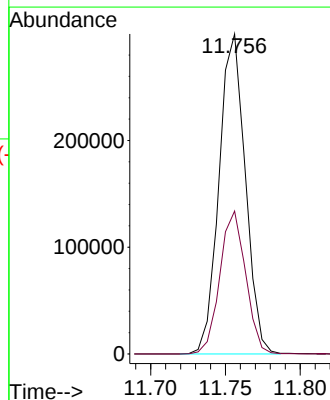
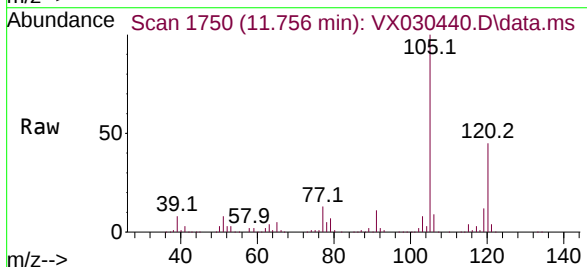
Instrument :
 MSVOA_X
 ClientSampleId :

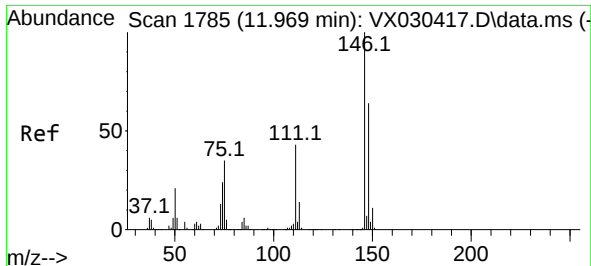
Tgt Ion:105 Resp: 373658
 Ion Ratio Lower Upper
 105 100
 120 46.7 37.2 55.8



#63
 1,2,4-Trimethylbenzene
 Concen: 55.488 ug/L
 RT: 11.756 min Scan# 1750
 Delta R.T. 0.000 min
 Lab File: VX030440.D
 Acq: 05 Aug 2022 19:17

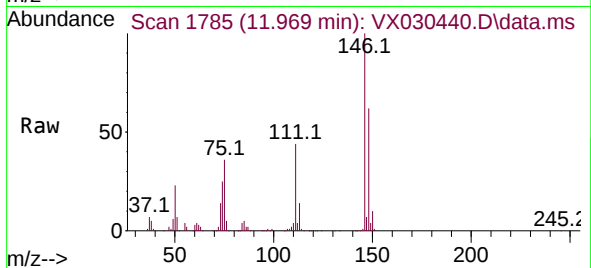
Tgt Ion:105 Resp: 365722
 Ion Ratio Lower Upper
 105 100
 120 43.9 35.9 53.9



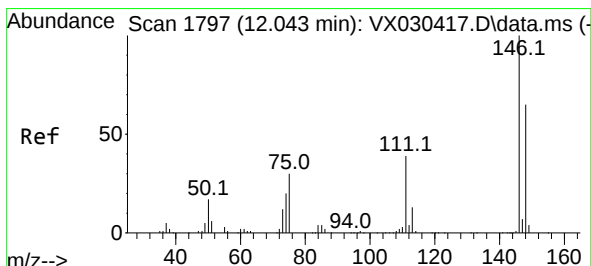
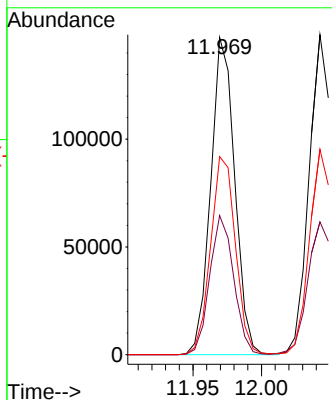
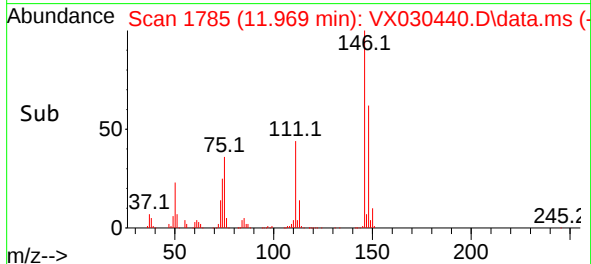


#64
1,3-Dichlorobenzene
Concen: 53.985 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX030440.D
Acq: 05 Aug 2022 19:17

Instrument :
MSVOA_X
ClientSampleId :

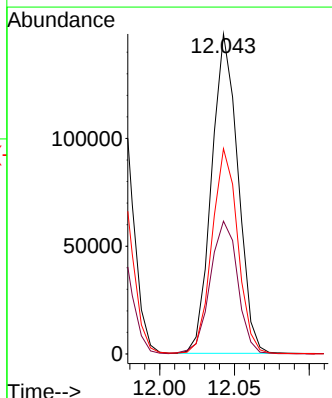
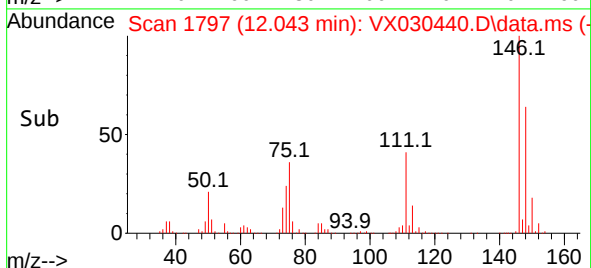
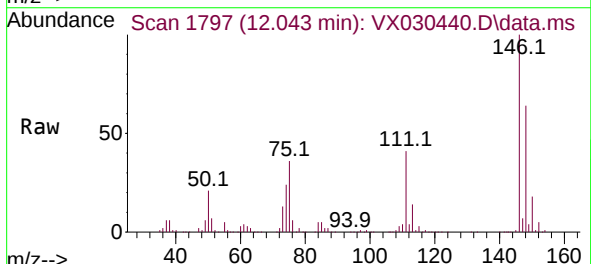


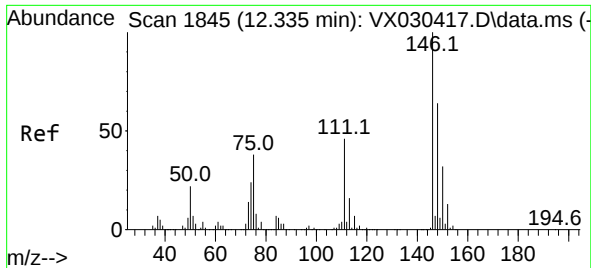
Tgt Ion:146 Resp: 179400
Ion Ratio Lower Upper
146 100
111 43.9 30.9 57.5
148 62.4 42.6 79.0



#65
1,4-Dichlorobenzene
Concen: 53.780 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX030440.D
Acq: 05 Aug 2022 19:17

Tgt Ion:146 Resp: 181679
Ion Ratio Lower Upper
146 100
111 41.5 32.6 60.6
148 64.2 48.3 89.7





#67

1,2-Dichlorobenzene

Concen: 55.591 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

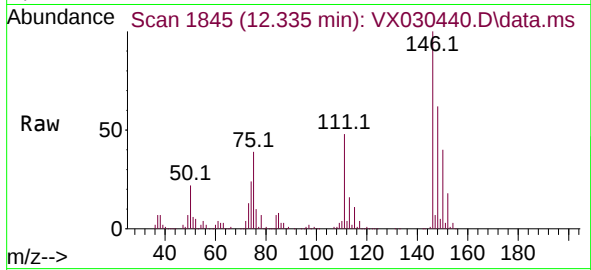
Lab File: VX030440.D

Acq: 05 Aug 2022 19:17

Instrument :

MSVOA_X

ClientSampleId :



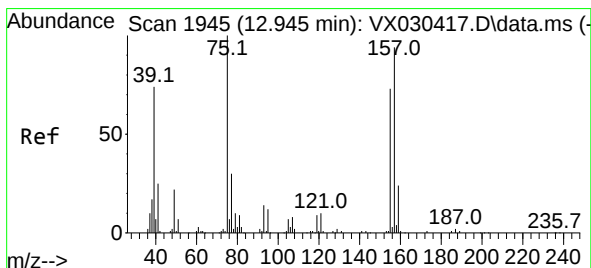
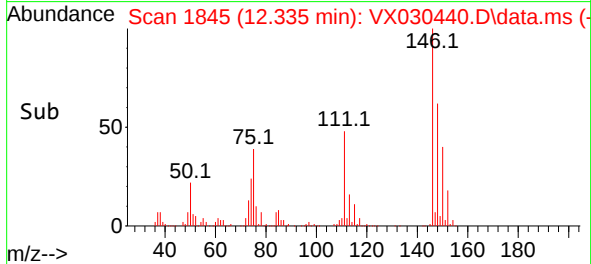
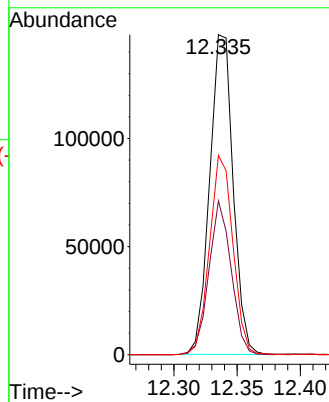
Tgt Ion:146 Resp: 191041

Ion Ratio Lower Upper

146 100

111 48.0 36.9 55.3

148 62.3 49.9 74.9



#68

1,2-Dibromo-3-chloropropane

Concen: 54.842 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. 0.000 min

Lab File: VX030440.D

Acq: 05 Aug 2022 19:17

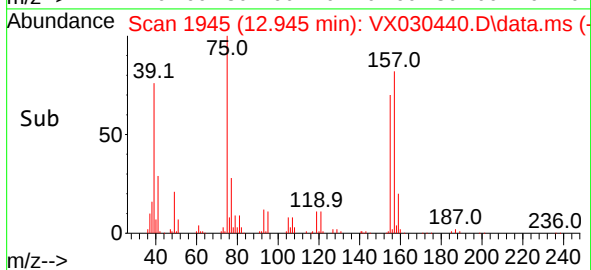
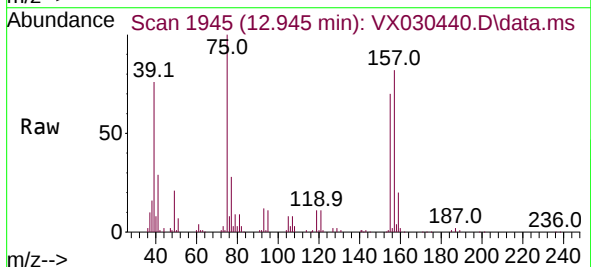
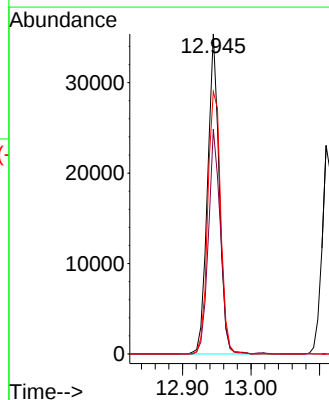
Tgt Ion: 75 Resp: 41900

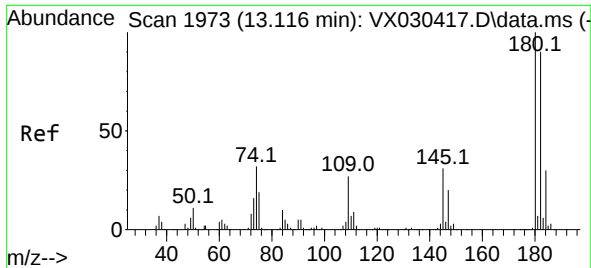
Ion Ratio Lower Upper

75 100

155 70.3 57.1 85.7

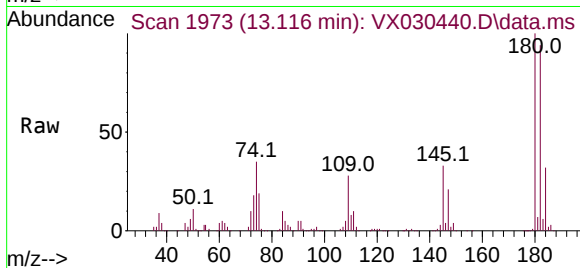
157 82.0 73.1 109.7



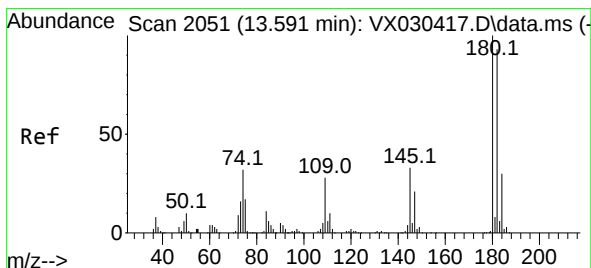
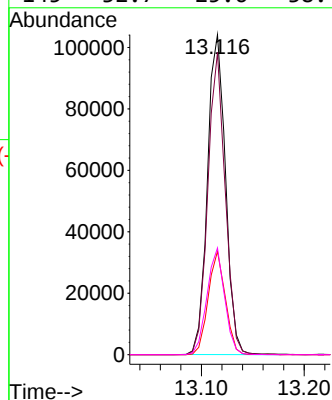
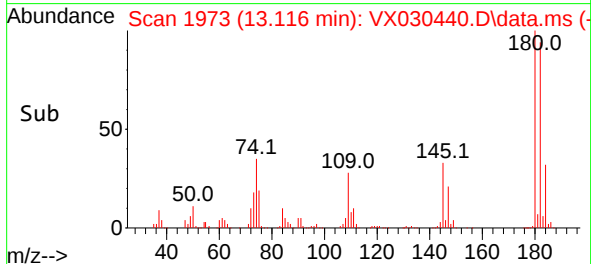


#69
 1,3,5-Trichlorobenzene
 Concen: 54.425 ug/L
 RT: 13.116 min Scan# 1973
 Delta R.T. 0.000 min
 Lab File: VX030440.D
 Acq: 05 Aug 2022 19:17

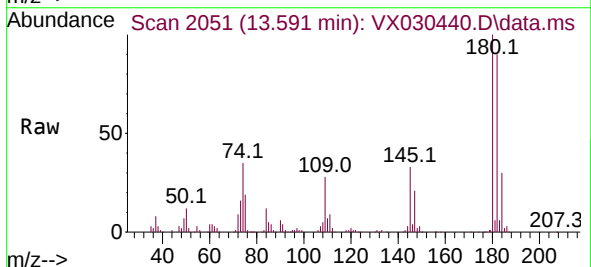
Instrument :
 MSVOA_X
 ClientSampleId :



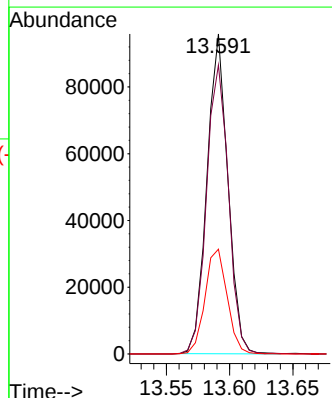
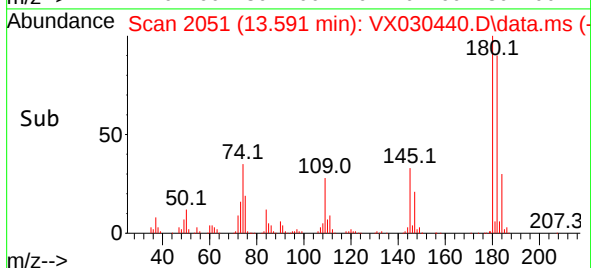
Tgt Ion:180 Resp: 126836
 Ion Ratio Lower Upper
 180 100
 182 91.1 73.7 110.5
 184 30.8 24.1 36.1
 145 32.7 25.6 38.4

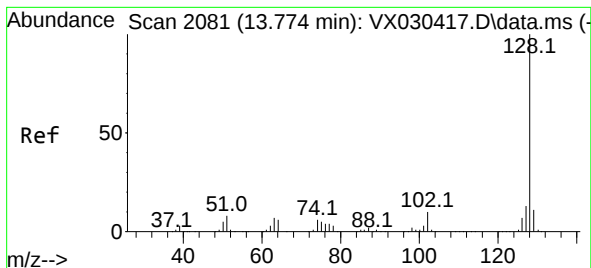


#70
 1,2,4-trichlorobenzene
 Concen: 53.865 ug/L
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.000 min
 Lab File: VX030440.D
 Acq: 05 Aug 2022 19:17



Tgt Ion:180 Resp: 110246
 Ion Ratio Lower Upper
 180 100
 182 94.9 72.7 109.1
 145 34.7 26.6 40.0





#71

Naphthalene

Concen: 55.871 ug/L

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX030440.D

Acq: 05 Aug 2022 19:17

Instrument :

MSVOA_X

ClientSampleId :

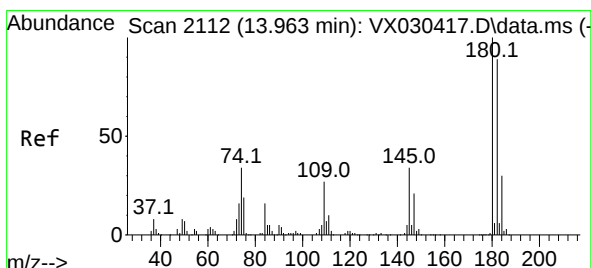
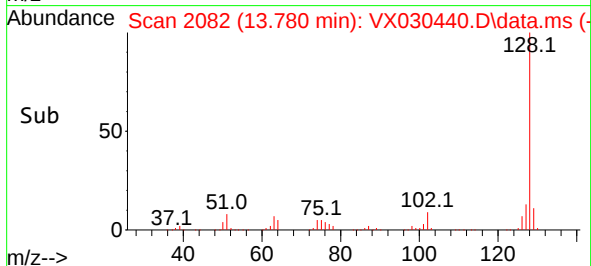
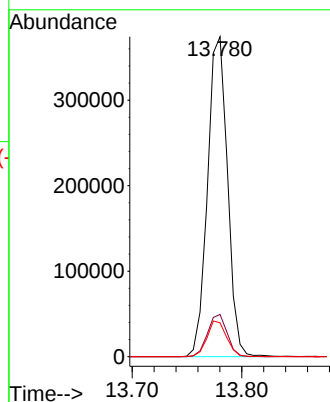
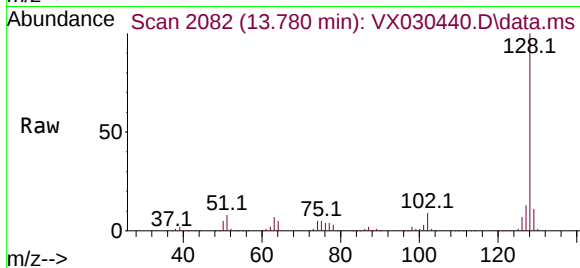
Tgt Ion:128 Resp: 473343

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 11.0 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 53.787 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX030440.D

Acq: 05 Aug 2022 19:17

Tgt Ion:180 Resp: 116284

Ion Ratio Lower Upper

180 100

182 94.9 74.6 112.0

145 35.2 28.4 42.6

