

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122722\
 Data File : VX033568.D
 Acq On : 27 Dec 2022 16:07
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VICV612

Quant Time: Dec 28 02:05:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 28 01:59:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	191007	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	176125	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	93625	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	51220	54.772	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 109.540%	
7) Chloroethane-d5	1.672	69	44354	50.357	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 100.720%	
11) 1,1-Dichloroethene-d2	2.306	63	89369	45.390	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 90.780%	
21) 2-Butanone-d5	4.465	46	72400	103.767	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 103.770%	
24) Chloroform-d	5.056	84	132924	53.447	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 106.900%	
26) 1,2-Dichloroethane-d4	5.952	65	82204	52.560	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 105.120%	
32) Benzene-d6	5.970	84	251302	52.271	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 104.540%	
36) 1,2-Dichloropropane-d6	7.306	67	73551	51.828	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 103.660%	
41) Toluene-d8	8.647	98	248686	52.374	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 104.740%	
43) trans-1,3-Dichloroprop...	8.952	79	37637	54.120	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 108.240%	
47) 2-Hexanone-d5	9.384	63	59001	109.084	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 109.080%	
56) 1,1,2,2-Tetrachloroeth...	11.189	84	103278	52.596	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 105.200%	
66) 1,2-Dichlorobenzene-d4	12.323	152	99117	53.356	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 106.720%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	75505	56.693	ug/L	98
3) Chloromethane	1.294	50	55290	55.319	ug/L	97
5) Vinyl chloride	1.374	62	60081	54.621	ug/L	99
6) Bromomethane	1.617	94	37414	54.122	ug/L	95
8) Chloroethane	1.691	64	40490	53.213	ug/L	98
9) Trichlorofluoromethane	1.892	101	93631	56.291	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	52717	48.627	ug/L	99
12) 1,1-Dichloroethene	2.319	96	46938	47.532	ug/L	92
13) Acetone	2.392	43	53354	105.811	ug/L	100
14) Carbon disulfide	2.514	76	136012	44.362	ug/L	99
15) Methyl Acetate	2.703	43	47583	51.471	ug/L	99
16) Methylene chloride	2.788	84	60697	56.254	ug/L	98
17) trans-1,2-Dichloroethene	3.093	96	63504	56.915	ug/L	97
18) Methyl tert-butyl Ether	3.111	73	192146	58.149	ug/L	100
19) 1,1-Dichloroethane	3.611	63	107910	53.984	ug/L	97
20) cis-1,2-Dichloroethene	4.483	96	70795	54.566	ug/L	100
22) 2-Butanone	4.556	43	87559	114.567	ug/L	96
23) Bromochloromethane	4.891	128	38025	55.495	ug/L	91
25) Chloroform	5.092	83	125739	54.932	ug/L	100

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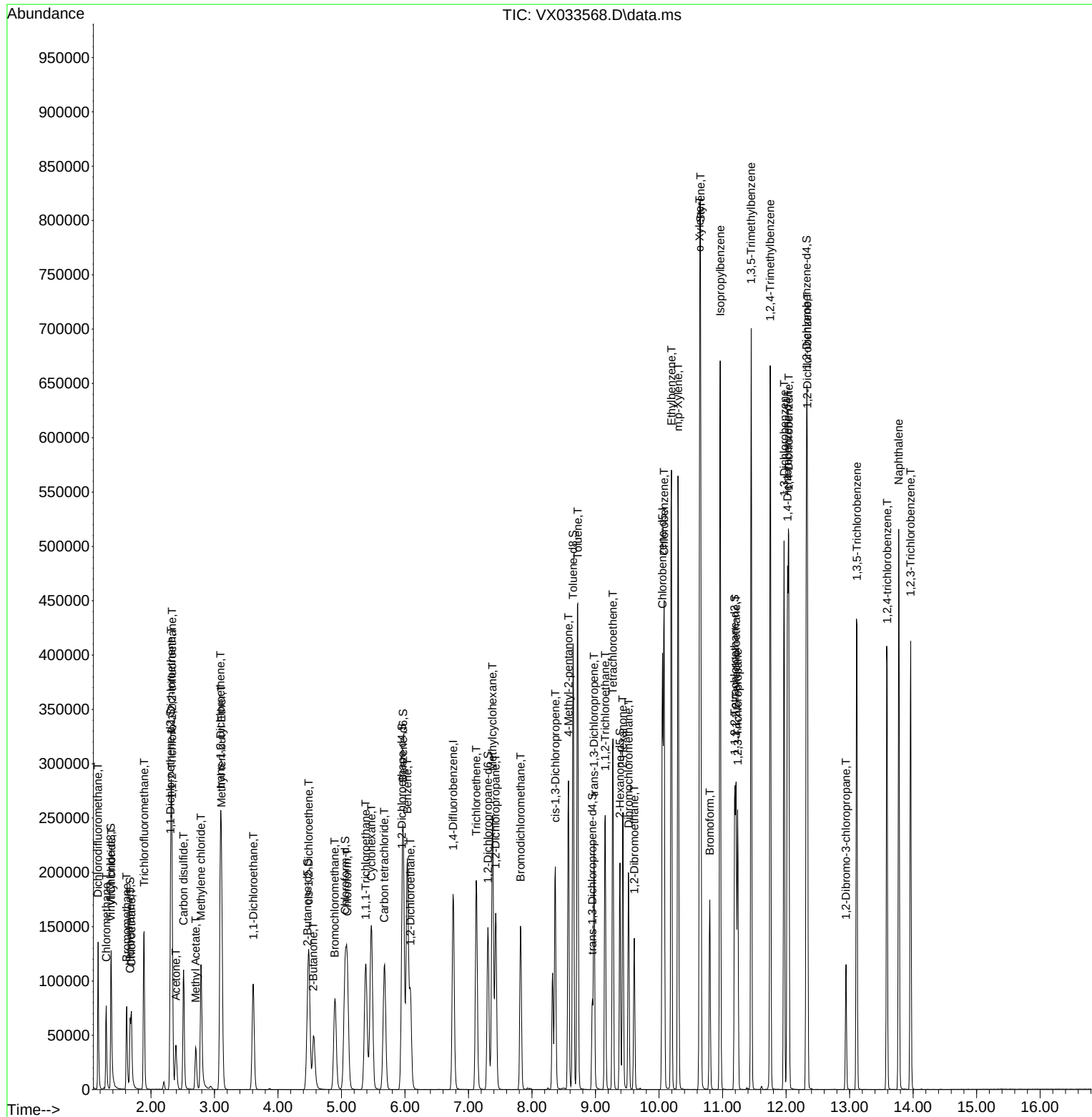
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	99571	55.921	ug/L	99
29) Cyclohexane	5.470	56	104278	55.377	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	118361	54.621	ug/L	100
31) Carbon tetrachloride	5.672	117	108820	54.435	ug/L	99
33) Benzene	6.037	78	263073	54.282	ug/L	100
34) Trichloroethene	7.123	95	74546	55.820	ug/L	97
35) Methylcyclohexane	7.379	83	120548	56.650	ug/L	100
37) 1,2-Dichloropropane	7.427	63	65923	55.745	ug/L	99
38) Bromodichloromethane	7.818	83	99559	54.569	ug/L	97
39) cis-1,3-Dichloropropene	8.366	75	106845	56.315	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	158845	110.496	ug/L	99
42) Toluene	8.720	91	305322	56.038	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	104667	57.100	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	69112	54.645	ug/L	98
46) Tetrachloroethene	9.275	164	63179	56.651	ug/L	97
48) 2-Hexanone	9.427	43	131097	118.180	ug/L	98
49) Dibromochloromethane	9.519	129	86737	55.341	ug/L	98
50) 1,2-Dibromoethane	9.610	107	75979	54.997	ug/L	98
51) Chlorobenzene	10.079	112	199411	55.560	ug/L	98
52) Ethylbenzene	10.195	91	338965	56.921	ug/L	99
53) m,p-Xylene	10.299	106	134810	57.146	ug/L	94
54) o-Xylene	10.640	106	131676	56.585	ug/L	99
55) Styrene	10.652	104	224632	57.719	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	104562	55.173	ug/L	99
59) Bromoform	10.799	173	63234	52.715	ug/L	99
60) Isopropylbenzene	10.963	105	352674	55.599	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	78703	52.438	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	300259	56.492	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	296831	56.755	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	160440	56.326	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	158842	54.779	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	157682	55.380	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	22042	51.452	ug/L	93
69) 1,3,5-Trichlorobenzene	13.115	180	113019	56.571	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	100760	56.587	ug/L	99
71) Naphthalene	13.774	128	317602	55.985	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	100997	56.600	ug/L	100

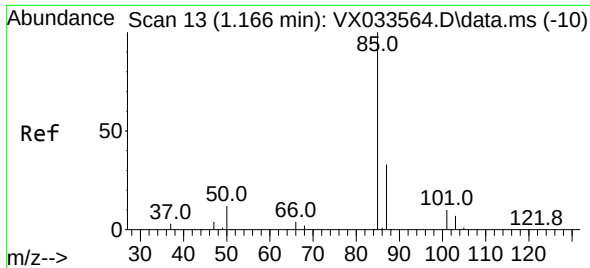
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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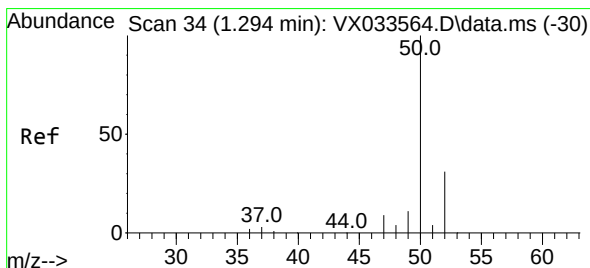
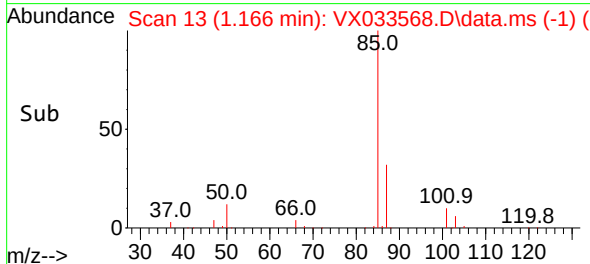
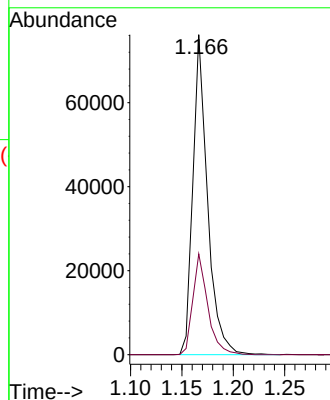
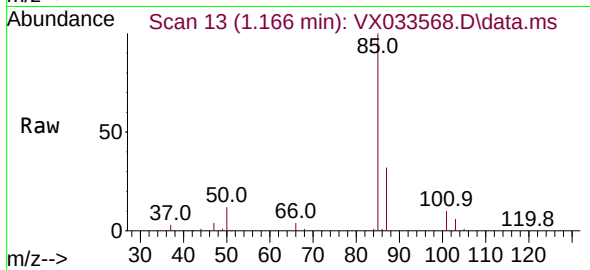




#2
 Dichlorodifluoromethane
 Concen: 56.693 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX033568.D
 Acq: 27 Dec 2022 16:07

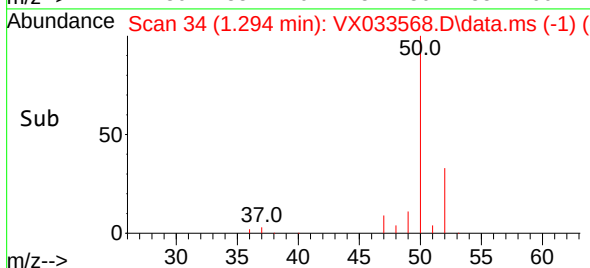
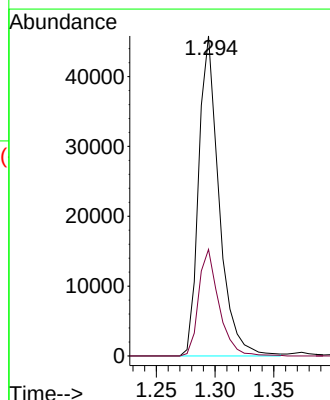
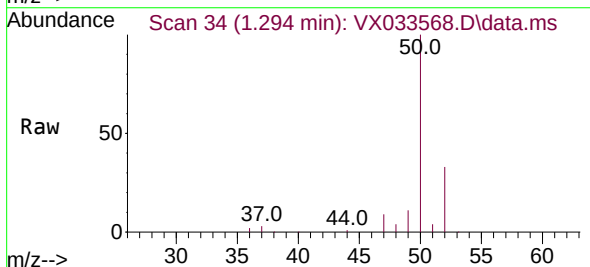
Instrument :
 MSVOA_X
 ClientSampleId :
 VICV612

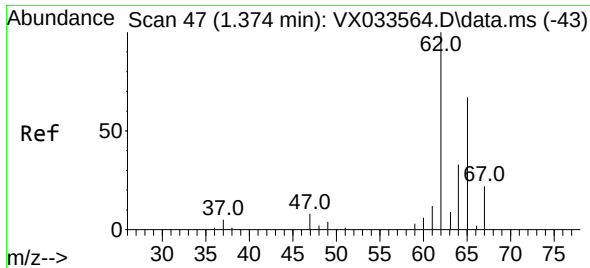
Tgt Ion: 85 Resp: 75505
 Ion Ratio Lower Upper
 85 100
 87 32.2 26.7 40.1



#3
 Chloromethane
 Concen: 55.319 ug/L
 RT: 1.294 min Scan# 34
 Delta R.T. -0.000 min
 Lab File: VX033568.D
 Acq: 27 Dec 2022 16:07

Tgt Ion: 50 Resp: 55290
 Ion Ratio Lower Upper
 50 100
 52 33.3 22.0 41.0

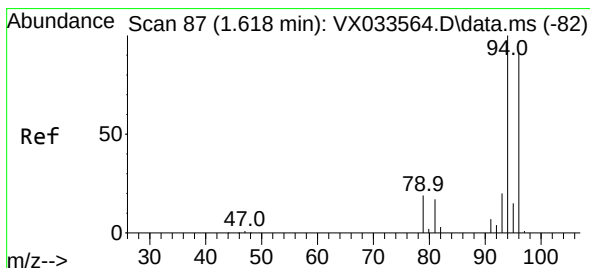
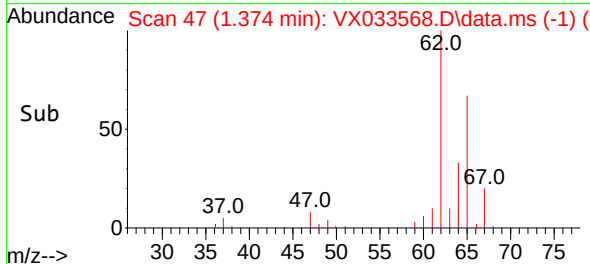
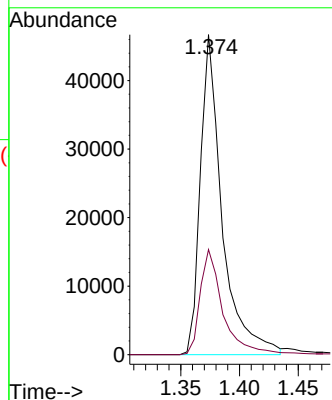
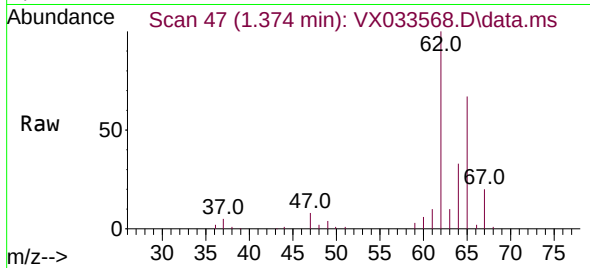




#5
 Vinyl chloride
 Concen: 54.621 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX033568.D
 Acq: 27 Dec 2022 16:07

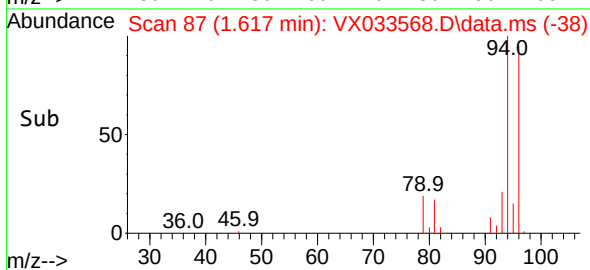
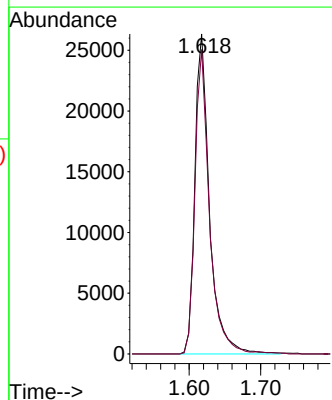
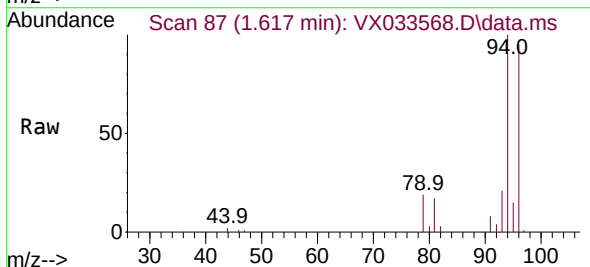
Instrument :
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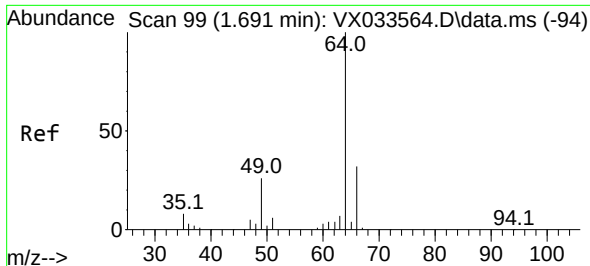
Tgt Ion: 62 Resp: 60081
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.4 43.4



#6
 Bromomethane
 Concen: 54.122 ug/L
 RT: 1.617 min Scan# 87
 Delta R.T. -0.000 min
 Lab File: VX033568.D
 Acq: 27 Dec 2022 16:07

Tgt Ion: 94 Resp: 37414
 Ion Ratio Lower Upper
 94 100
 96 95.1 63.5 117.9

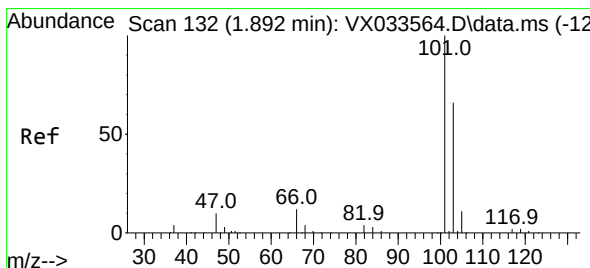
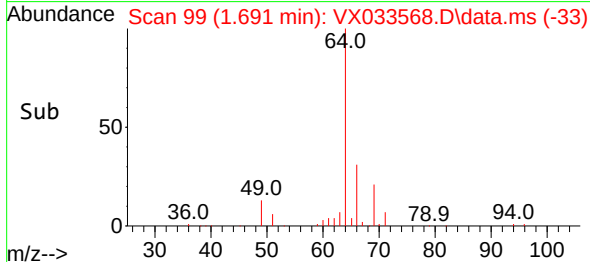
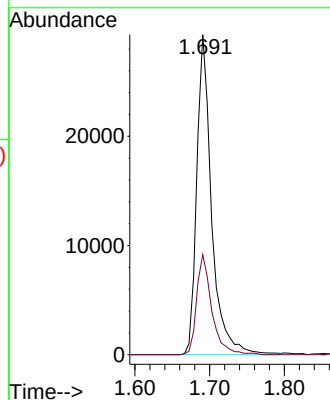
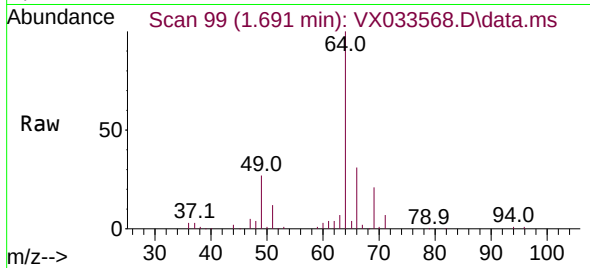




#8
Chloroethane
Concen: 53.213 ug/L
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX033568.D
Acq: 27 Dec 2022 16:07

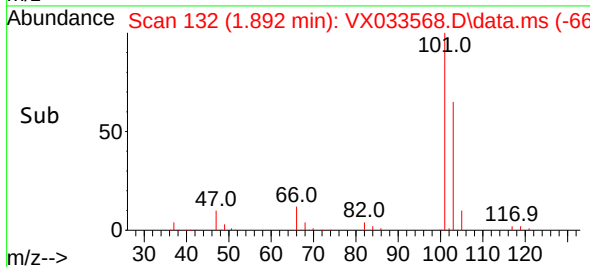
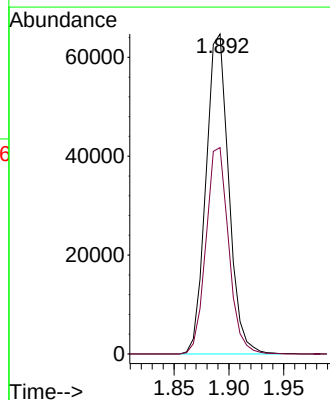
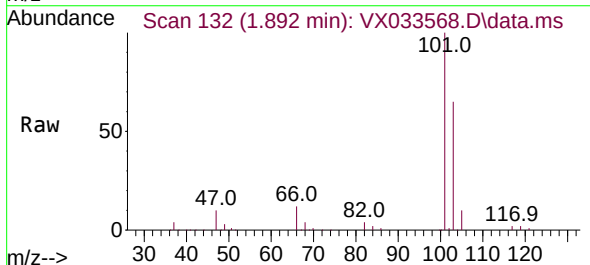
Instrument :
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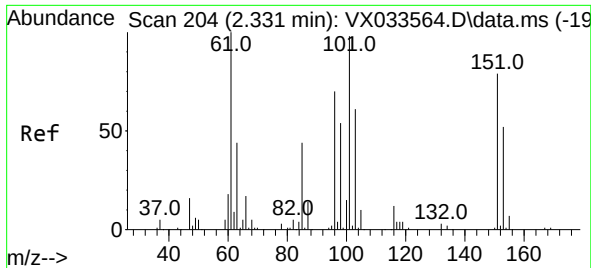
Tgt Ion: 64 Resp: 40490
Ion Ratio Lower Upper
64 100
66 31.3 22.7 42.1



#9
Trichlorofluoromethane
Concen: 56.291 ug/L
RT: 1.892 min Scan# 132
Delta R.T. -0.000 min
Lab File: VX033568.D
Acq: 27 Dec 2022 16:07

Tgt Ion:101 Resp: 93631
Ion Ratio Lower Upper
101 100
103 64.2 52.2 78.4

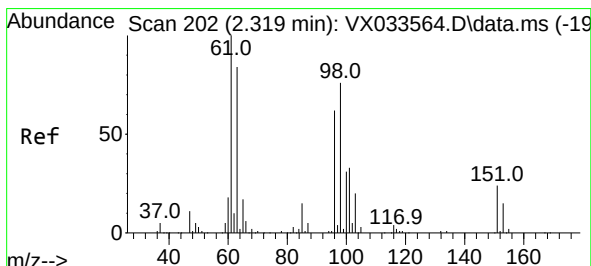
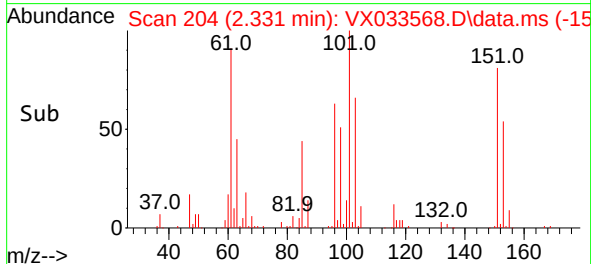
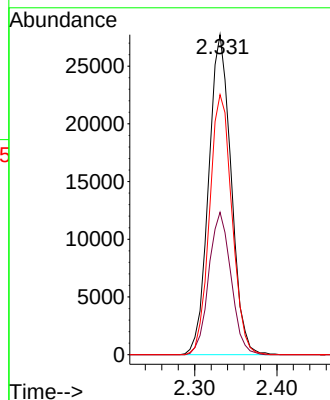
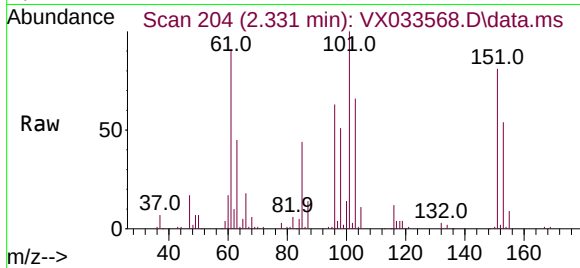




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 48.627 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. -0.000 min
 Lab File: VX033568.D
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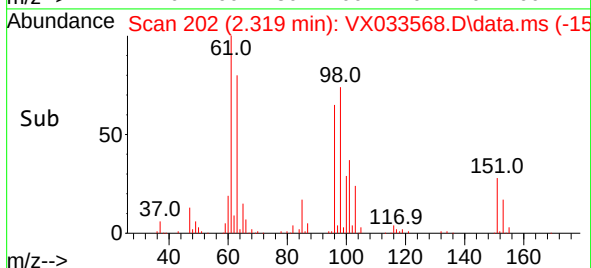
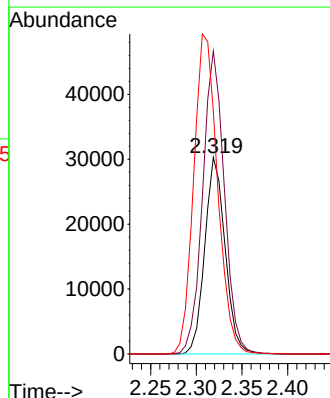
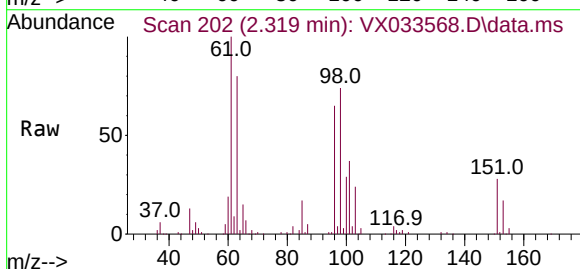
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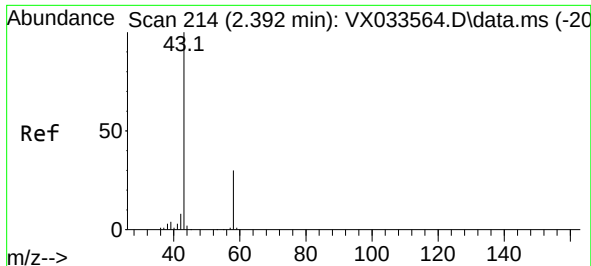
Tgt Ion:	101	Resp:	52717
Ion	Ratio	Lower	Upper
101	100		
85	43.8	35.0	52.4
151	80.8	63.3	94.9



#12
 1,1-Dichloroethene
 Concen: 47.532 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. -0.000 min
 Lab File: VX033568.D
 Acq: 27 Dec 2022 16:07

Tgt Ion:	96	Resp:	46938
Ion	Ratio	Lower	Upper
96	100		
61	154.2	112.7	209.3
63	123.7	97.0	180.2





#13

Acetone

Concen: 105.811 ug/L

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX033568.D

Acq: 27 Dec 2022 16:07

Instrument :

MSVOA_X

ClientSampleId :

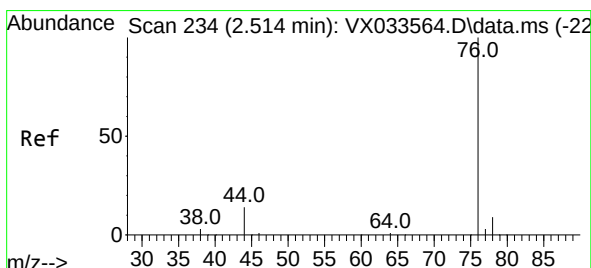
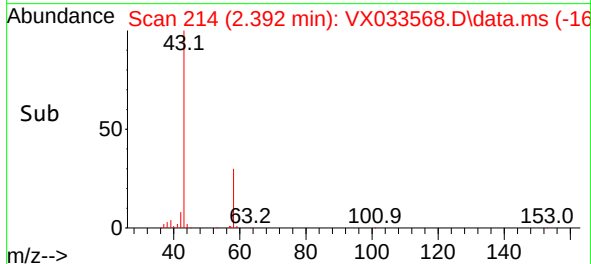
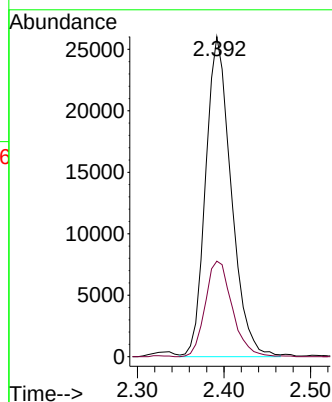
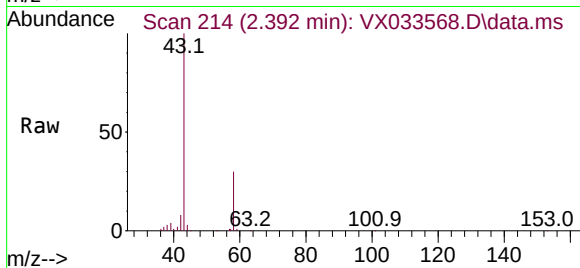
VICV612

Tgt Ion: 43 Resp: 53354

Ion Ratio Lower Upper

43 100

58 31.4 0.0 62.4



#14

Carbon disulfide

Concen: 44.362 ug/L

RT: 2.514 min Scan# 234

Delta R.T. -0.000 min

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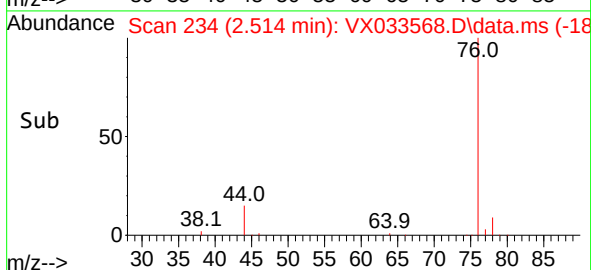
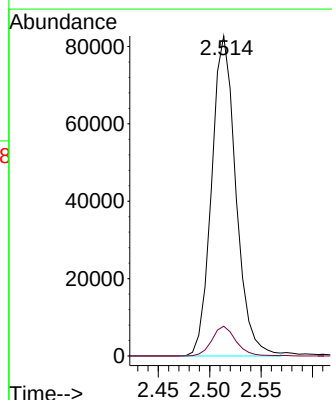
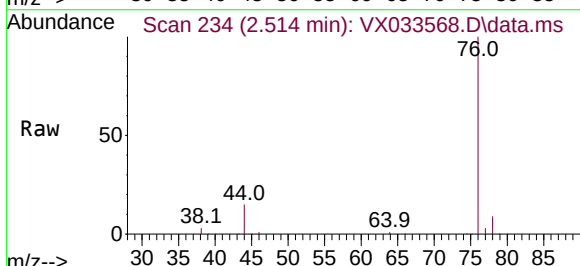
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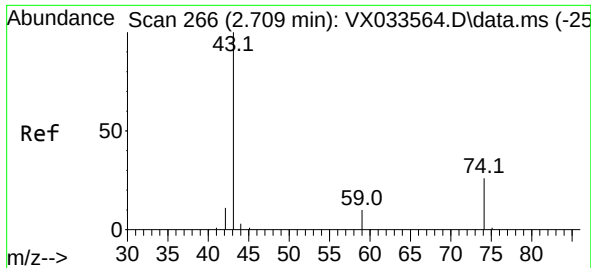
Tgt Ion: 76 Resp: 136012

Ion Ratio Lower Upper

76 100

78 9.3 7.2 10.8

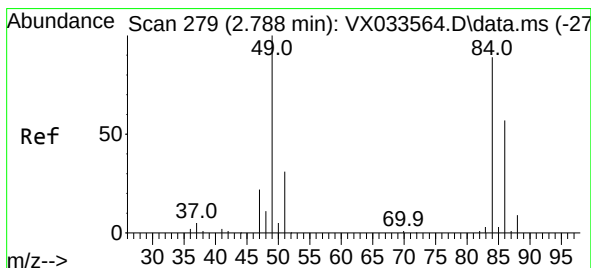
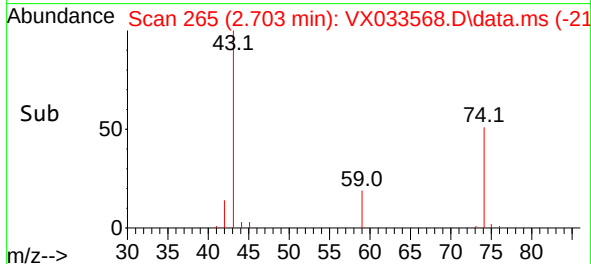
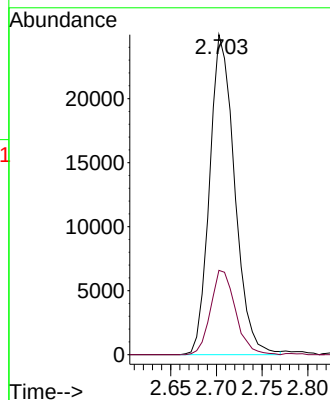
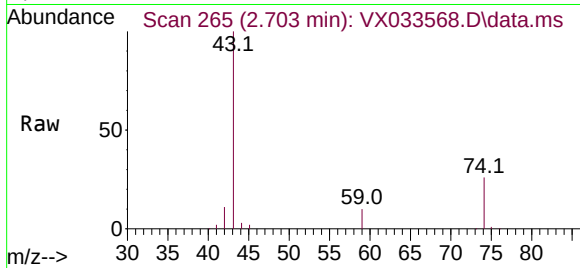




#15
Methyl Acetate
Concen: 51.471 ug/L
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX033568.D
Acq: 27 Dec 2022 16:07

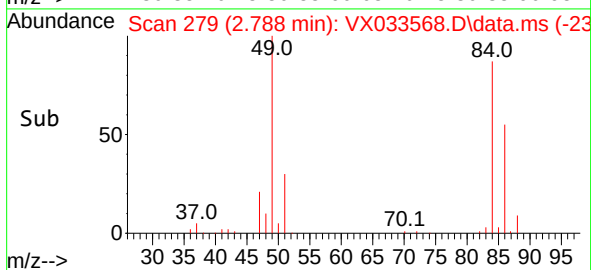
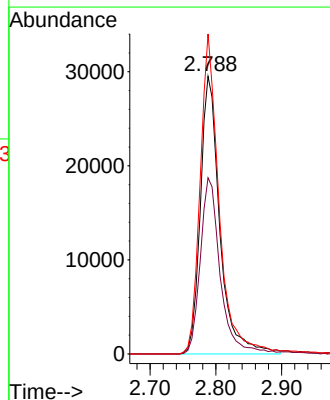
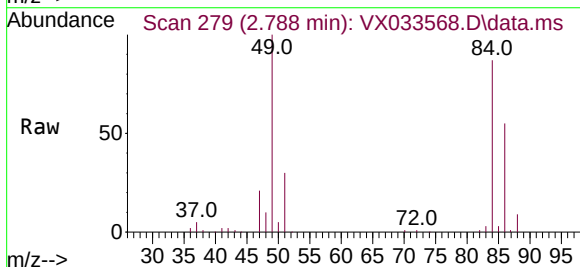
Instrument :
MSVOA_X
ClientSampleId :
VICV612

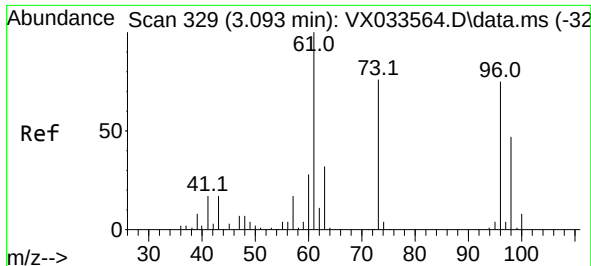
Tgt Ion: 43 Resp: 47583
Ion Ratio Lower Upper
43 100
74 26.1 20.6 30.8



#16
Methylene chloride
Concen: 56.254 ug/L
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX033568.D
Acq: 27 Dec 2022 16:07

Tgt Ion: 84 Resp: 60697
Ion Ratio Lower Upper
84 100
86 63.5 44.9 83.5
49 115.3 79.0 146.8

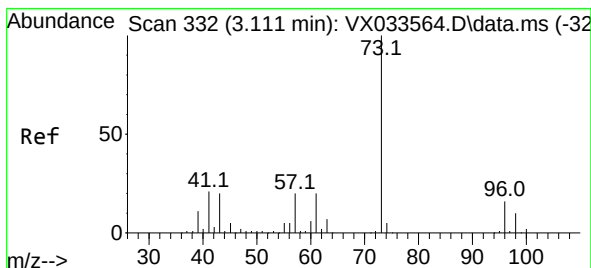
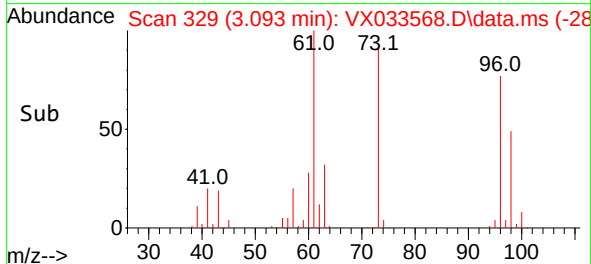
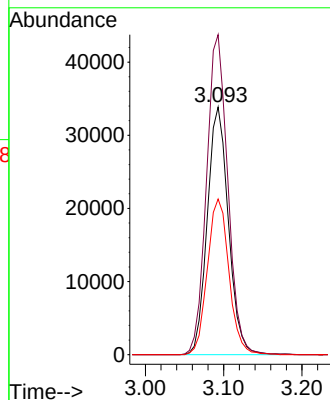
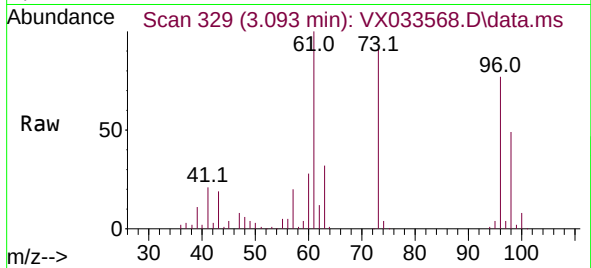




#17
trans-1,2-Dichloroethene
Concen: 56.915 ug/L
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX033568.D
Acq: 27 Dec 2022 16:07

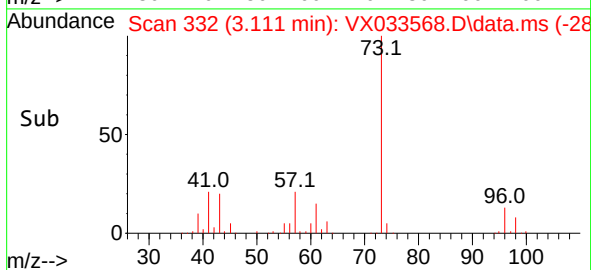
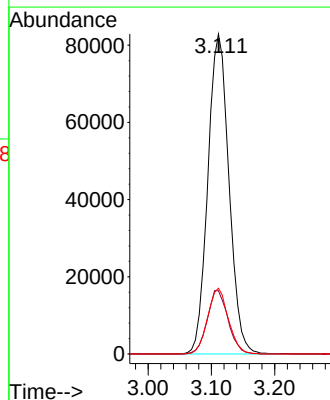
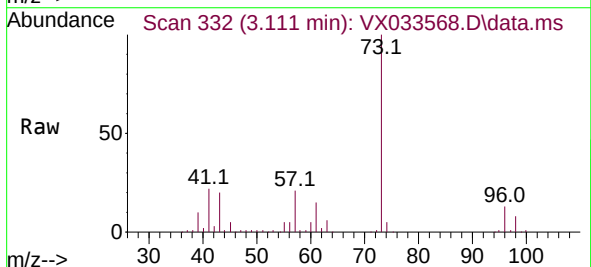
Instrument :
MSVOA_X
ClientSampleId :
VICV612

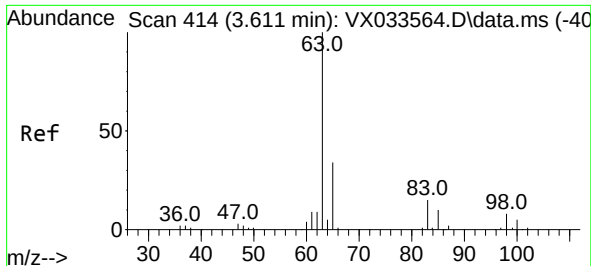
Tgt Ion: 96 Resp: 63504
Ion Ratio Lower Upper
96 100
61 129.2 93.0 172.8
98 62.9 43.2 80.2



#18
Methyl tert-butyl Ether
Concen: 58.149 ug/L
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX033568.D
Acq: 27 Dec 2022 16:07

Tgt Ion: 73 Resp: 192146
Ion Ratio Lower Upper
73 100
43 19.6 15.6 23.4
57 20.1 16.2 24.4





#19

1,1-Dichloroethane

Concen: 53.984 ug/L

RT: 3.611 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX033568.D

Acq: 27 Dec 2022 16:07

Instrument :

MSVOA_X

ClientSampleId :

VICV612

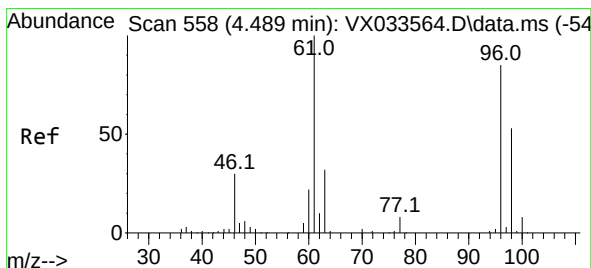
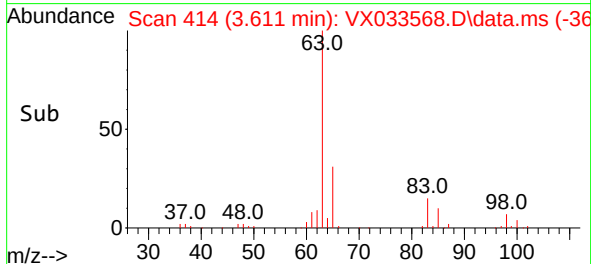
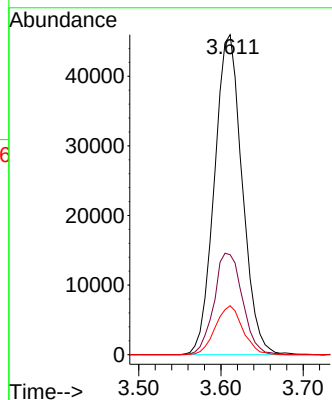
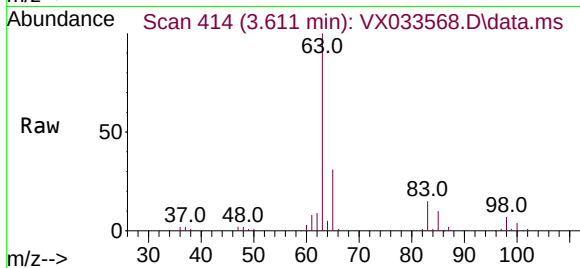
Tgt Ion: 63 Resp: 107910

Ion Ratio Lower Upper

63 100

65 31.2 23.4 43.6

83 15.3 10.8 20.0



#20

cis-1,2-Dichloroethene

Concen: 54.566 ug/L

RT: 4.483 min Scan# 557

Delta R.T. -0.006 min

Lab File: VX033568.D

Acq: 27 Dec 2022 16:07

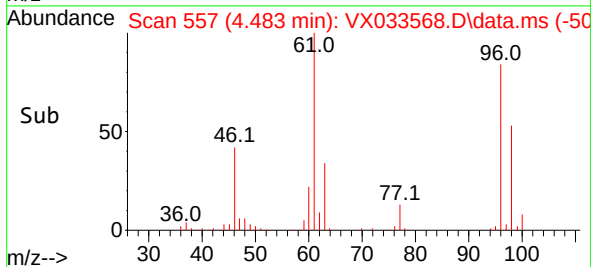
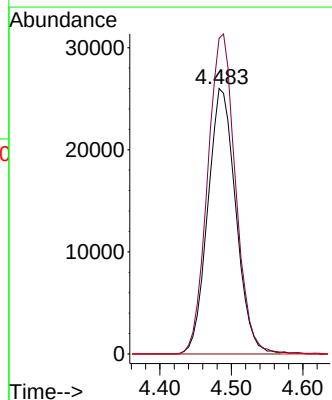
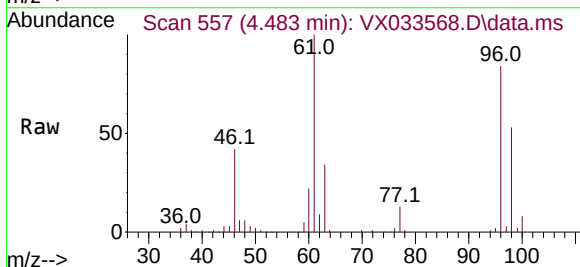
Tgt Ion: 96 Resp: 70795

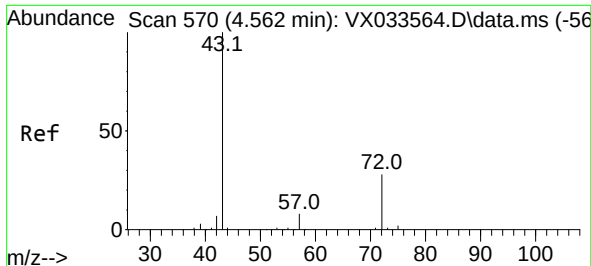
Ion Ratio Lower Upper

96 100

61 118.9 82.9 153.9

68 0.0 0.0 0.0

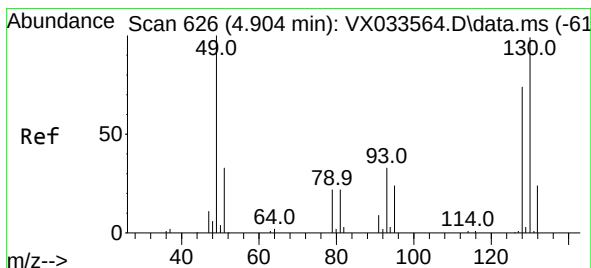
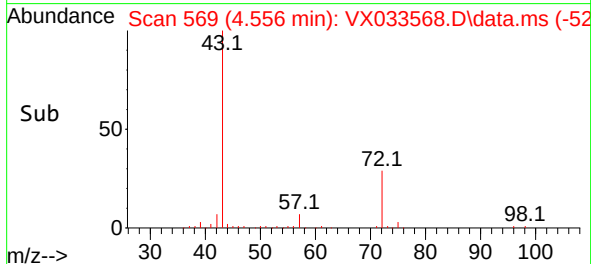
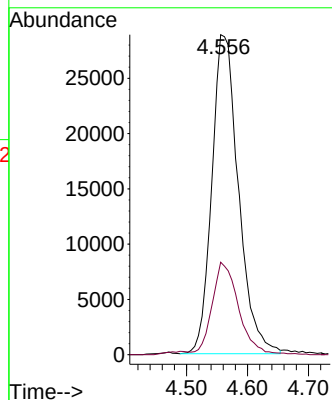
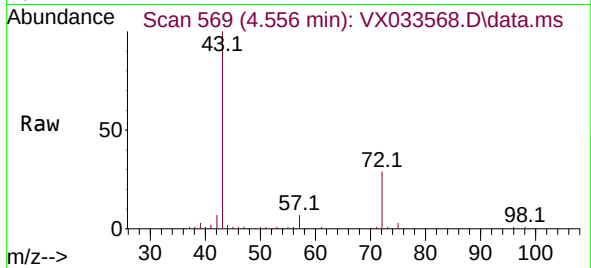




#22
2-Butanone
Concen: 114.567 ug/L
RT: 4.556 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX033568.D
Acq: 27 Dec 2022 16:07

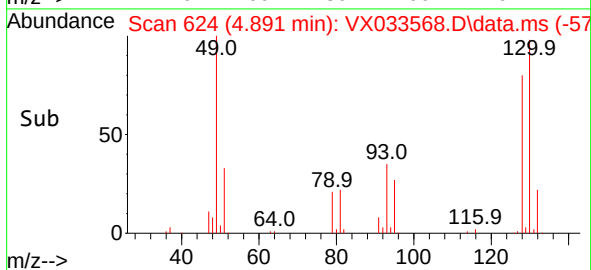
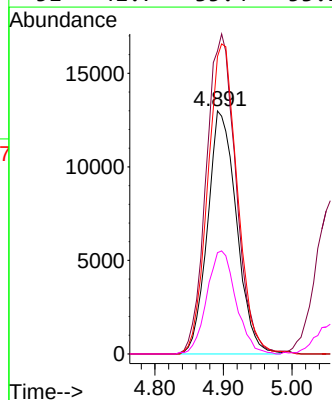
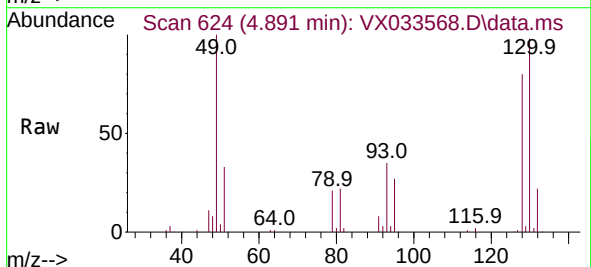
Instrument :
MSVOA_X
ClientSampleId :
VICV612

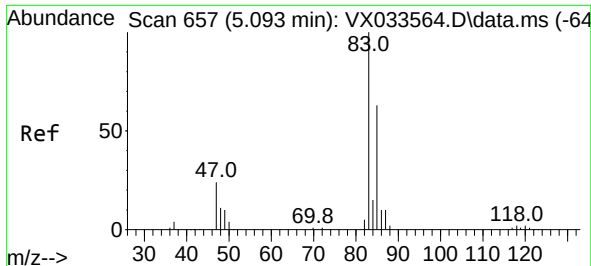
Tgt Ion: 43 Resp: 87559
Ion Ratio Lower Upper
43 100
72 28.8 13.5 40.4



#23
Bromochloromethane
Concen: 55.495 ug/L
RT: 4.891 min Scan# 624
Delta R.T. -0.012 min
Lab File: VX033568.D
Acq: 27 Dec 2022 16:07

Tgt Ion: 128 Resp: 38025
Ion Ratio Lower Upper
128 100
49 124.6 95.2 176.8
130 122.4 94.0 174.6
51 41.7 35.4 53.2





#25

Chloroform

Concen: 54.932 ug/L

RT: 5.092 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX033568.D

Acq: 27 Dec 2022 16:07

Instrument :

MSVOA_X

ClientSampleId :

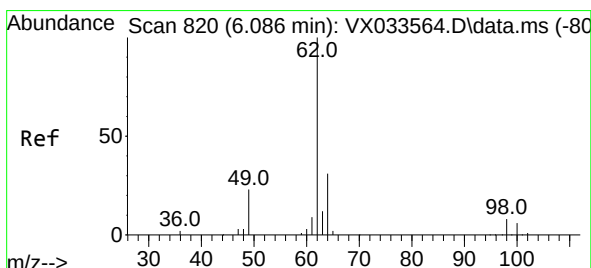
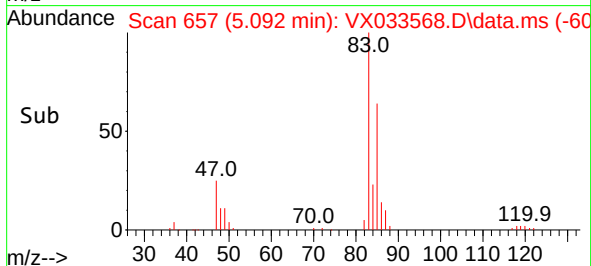
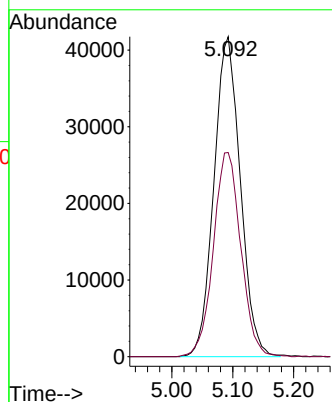
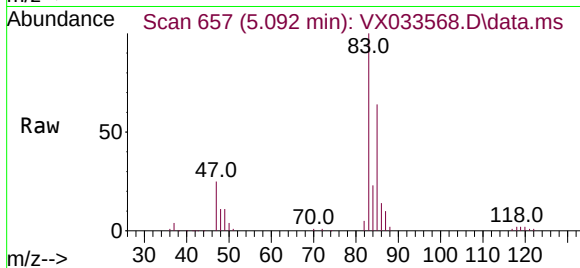
VICV612

Tgt Ion: 83 Resp: 125739

Ion Ratio Lower Upper

83 100

85 63.8 44.4 82.5



#27

1,2-Dichloroethane

Concen: 55.921 ug/L

RT: 6.086 min Scan# 820

Delta R.T. -0.000 min

Lab File: VX033568.D

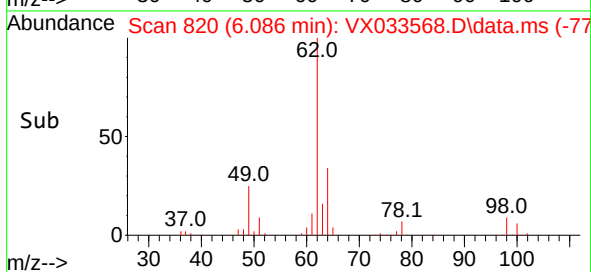
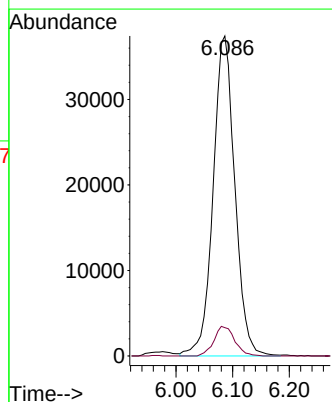
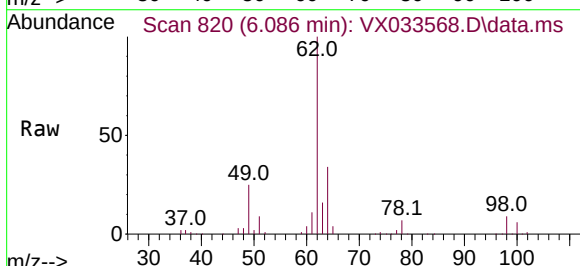
Acq: 27 Dec 2022 16:07

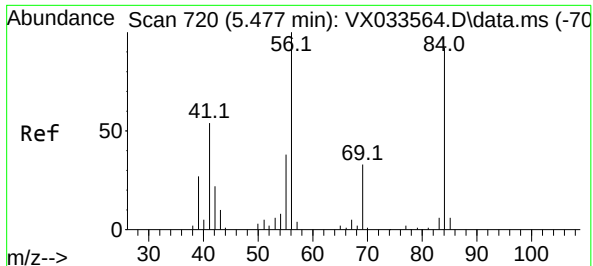
Tgt Ion: 62 Resp: 99571

Ion Ratio Lower Upper

62 100

98 8.8 6.7 10.1





#29

Cyclohexane

Concen: 55.377 ug/L

RT: 5.470 min Scan# 719

Delta R.T. -0.006 min

Lab File: VX033568.D

Acq: 27 Dec 2022 16:07

Instrument :

MSVOA_X

ClientSampleId :

VICV612

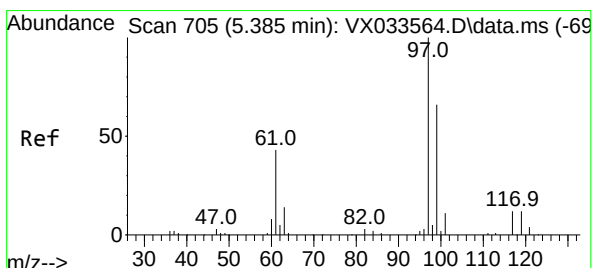
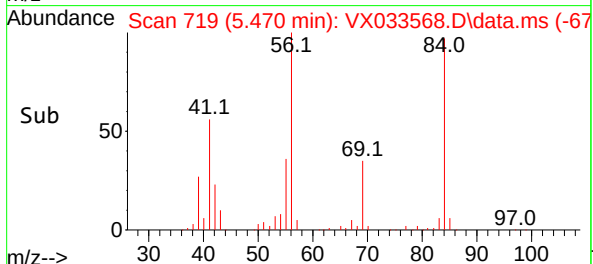
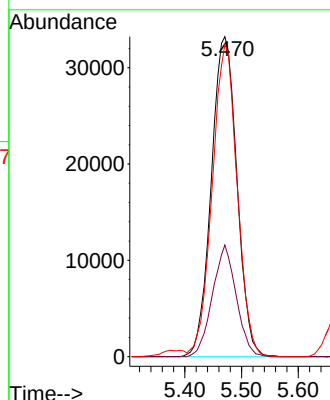
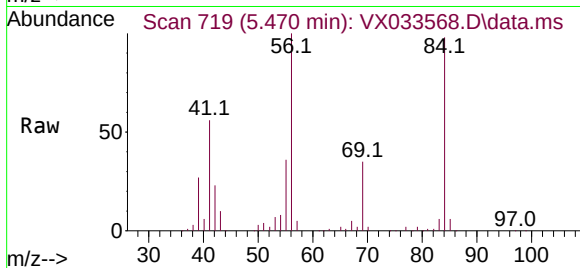
Tgt Ion: 56 Resp: 104278

Ion Ratio Lower Upper

56 100

69 32.5 25.9 38.9

84 95.2 75.7 113.5



#30

1,1,1-Trichloroethane

Concen: 54.621 ug/L

RT: 5.379 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX033568.D

Acq: 27 Dec 2022 16:07

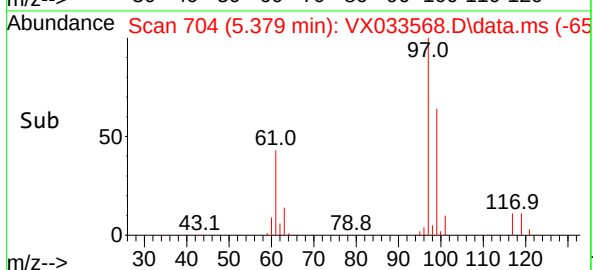
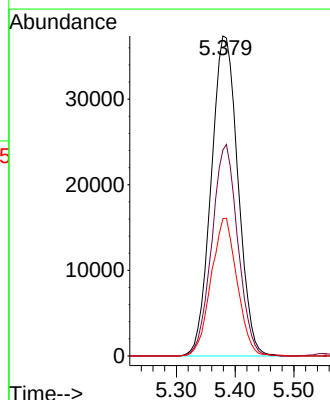
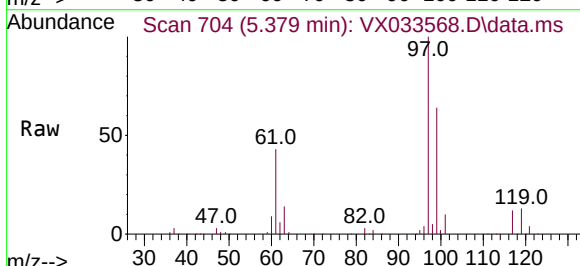
Tgt Ion: 97 Resp: 118361

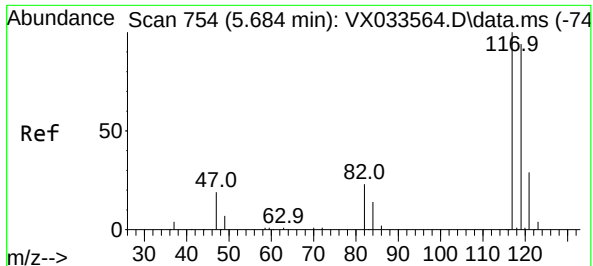
Ion Ratio Lower Upper

97 100

99 64.1 51.5 77.3

61 41.8 33.4 50.0

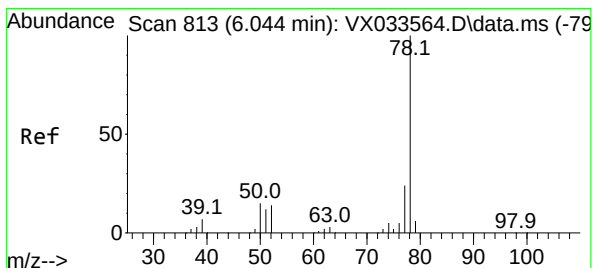
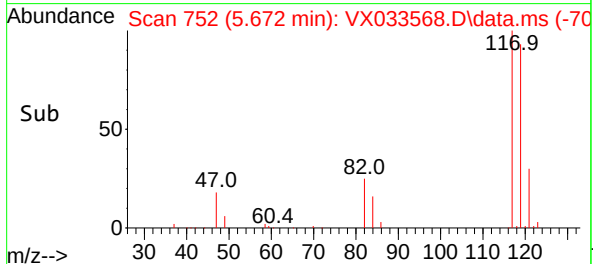
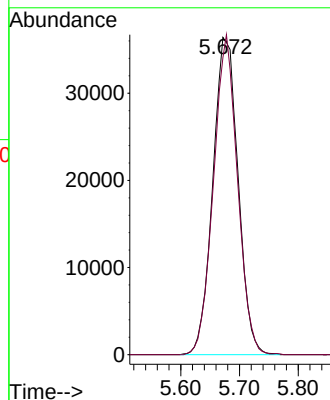
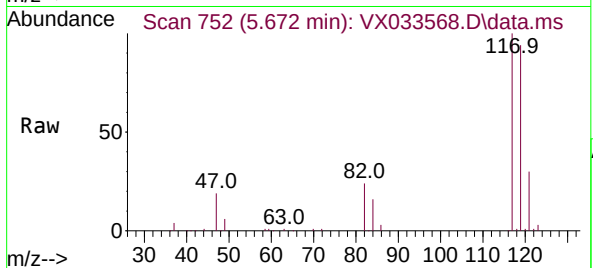




#31
Carbon tetrachloride
Concen: 54.435 ug/L
RT: 5.672 min Scan# 71
Delta R.T. -0.012 min
Lab File: VX033568.D
Acq: 27 Dec 2022 16:07

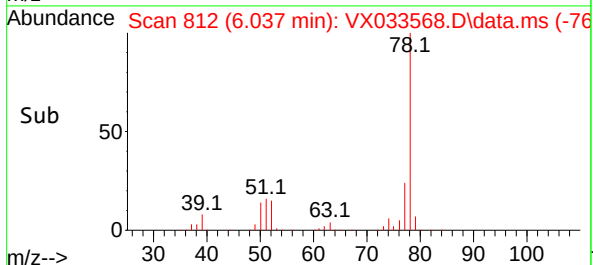
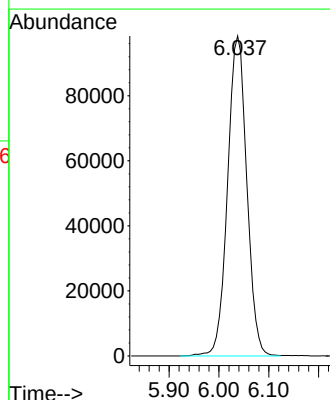
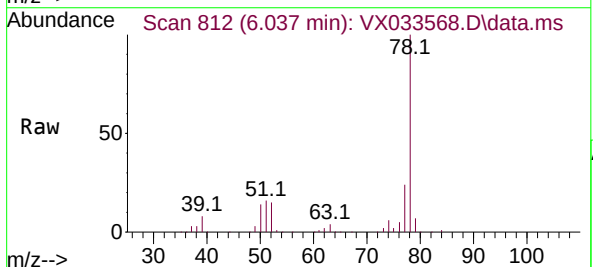
Instrument :
MSVOA_X
ClientSampleId :
VICV612

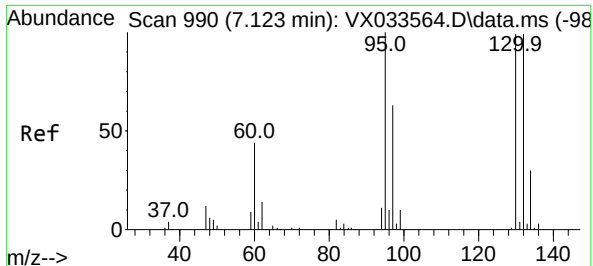
Tgt Ion:117 Resp: 108820
Ion Ratio Lower Upper
117 100
119 95.7 75.9 113.9



#33
Benzene
Concen: 54.282 ug/L
RT: 6.037 min Scan# 812
Delta R.T. -0.006 min
Lab File: VX033568.D
Acq: 27 Dec 2022 16:07

Tgt Ion: 78 Resp: 263073



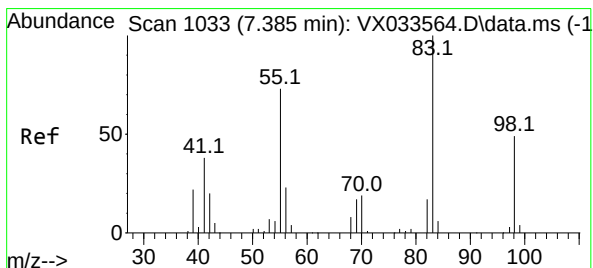
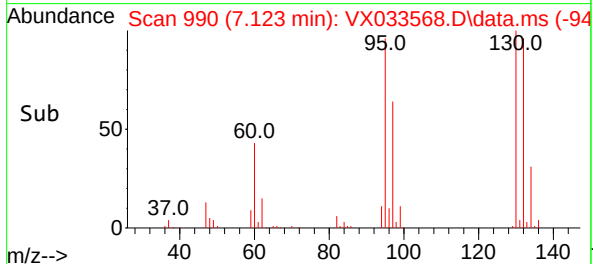
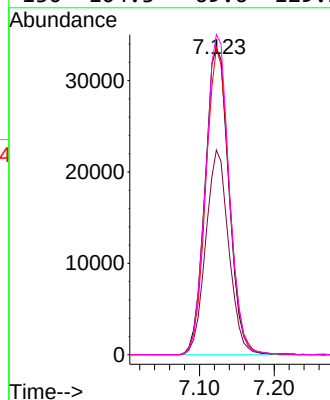
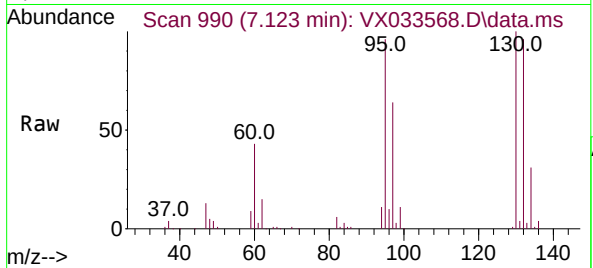


#34
Trichloroethene
Concen: 55.820 ug/L
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX033568.D
Acq: 27 Dec 2022 16:07

Instrument :
MSVOA_X
ClientSampleId :
VICV612

Tgt Ion: 95 Resp: 74546

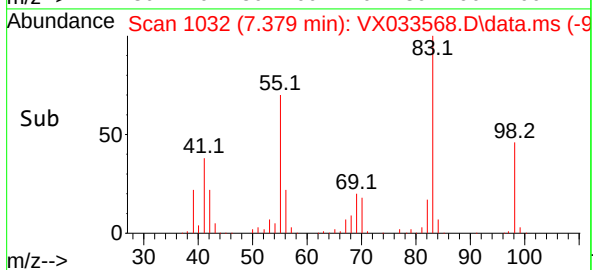
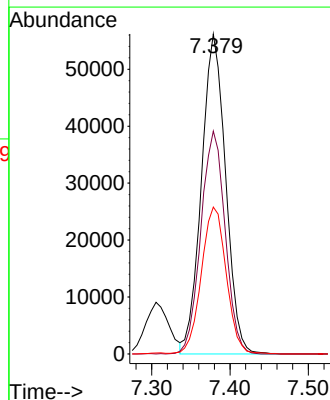
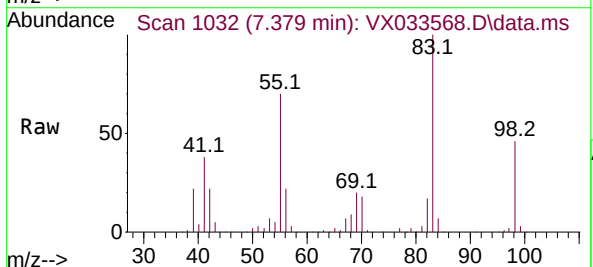
Ion	Ratio	Lower	Upper
95	100		
97	66.7	44.2	82.2
132	100.0	69.2	128.4
130	104.3	69.6	129.2

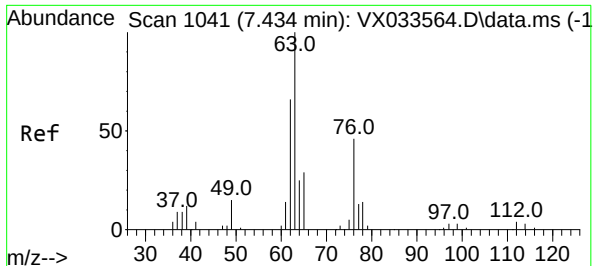


#35
Methylcyclohexane
Concen: 56.650 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX033568.D
Acq: 27 Dec 2022 16:07

Tgt Ion: 83 Resp: 120548

Ion	Ratio	Lower	Upper
83	100		
55	70.0	56.2	84.2
98	47.3	37.9	56.9





#37

1,2-Dichloropropane

Concen: 55.745 ug/L

RT: 7.427 min Scan# 1104

Delta R.T. -0.006 min

Lab File: VX033568.D

Acq: 27 Dec 2022 16:07

Instrument :

MSVOA_X

ClientSampleId :

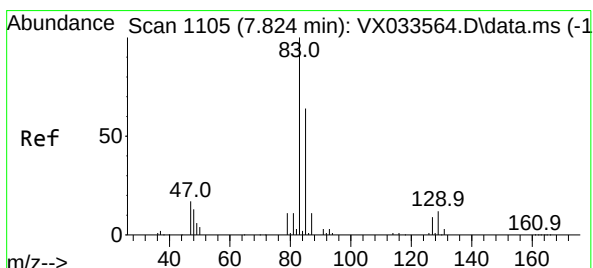
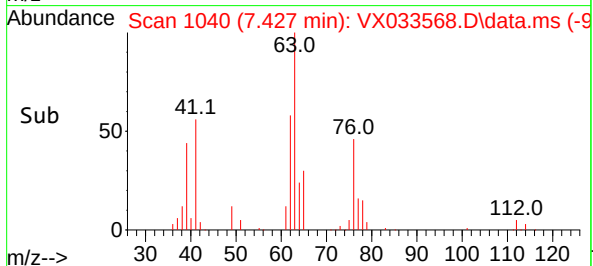
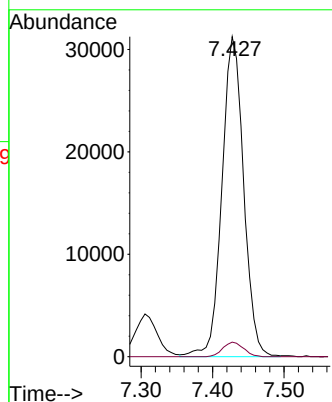
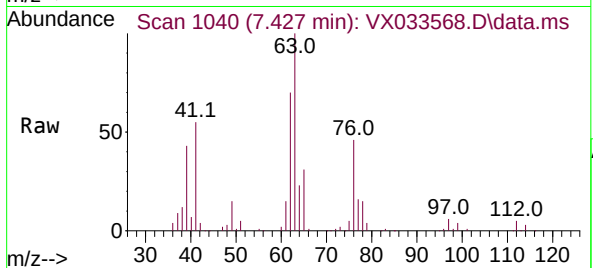
VICV612

Tgt Ion: 63 Resp: 65923

Ion Ratio Lower Upper

63 100

112 4.3 3.6 5.4



#38

Bromodichloromethane

Concen: 54.569 ug/L

RT: 7.818 min Scan# 1104

Delta R.T. -0.006 min

Lab File: VX033568.D

Acq: 27 Dec 2022 16:07

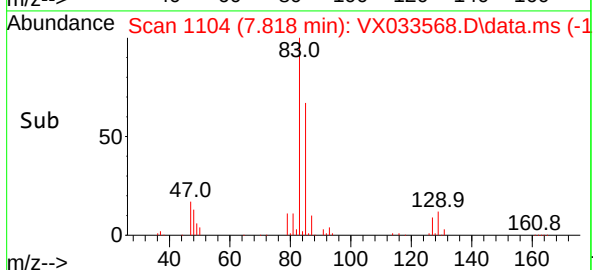
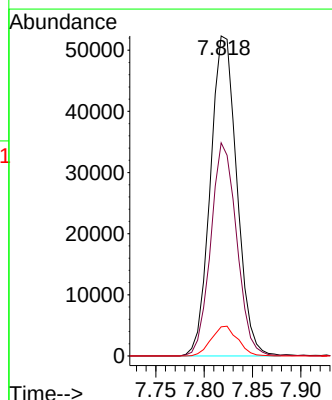
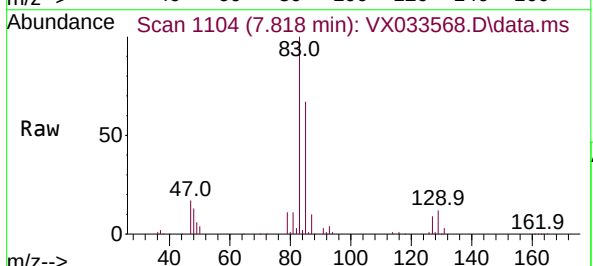
Tgt Ion: 83 Resp: 99559

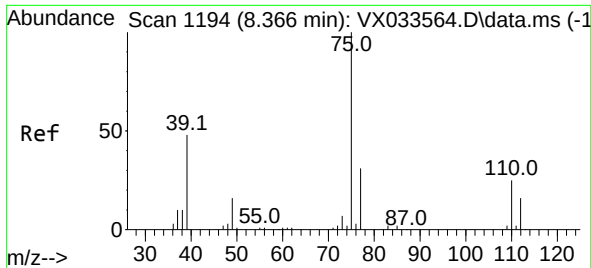
Ion Ratio Lower Upper

83 100

85 66.6 44.7 83.1

127 9.1 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 56.315 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX033568.D

Acq: 27 Dec 2022 16:07

Instrument :

MSVOA_X

ClientSampleId :

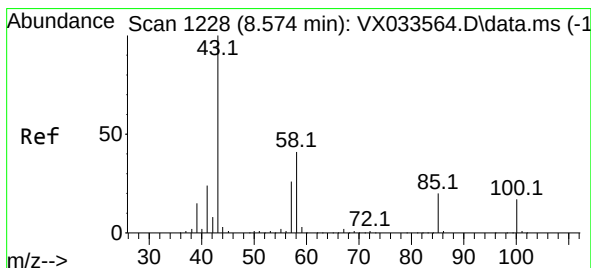
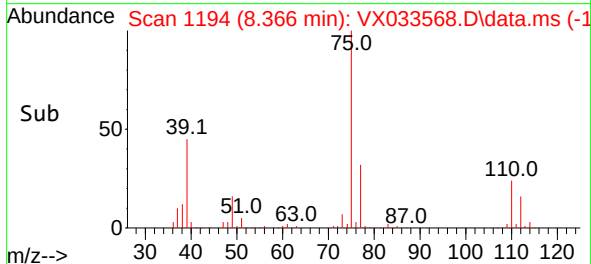
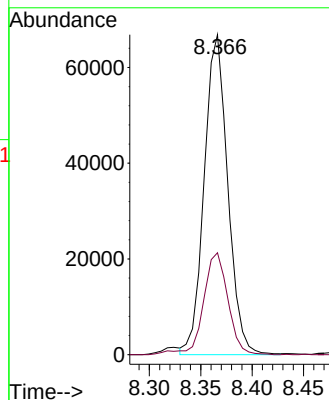
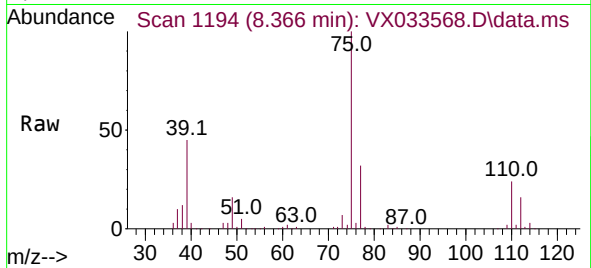
VICV612

Tgt Ion: 75 Resp: 106845

Ion Ratio Lower Upper

75 100

77 31.9 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 110.496 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX033568.D

Acq: 27 Dec 2022 16:07

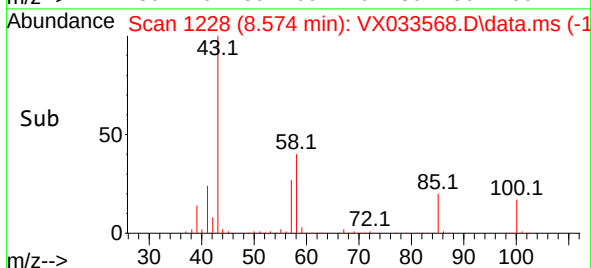
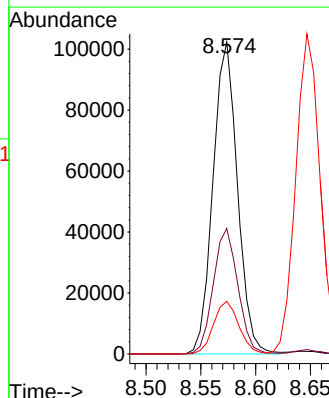
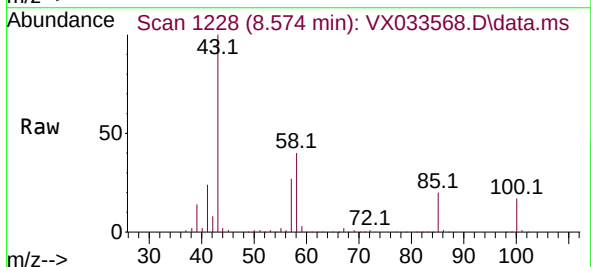
Tgt Ion: 43 Resp: 158845

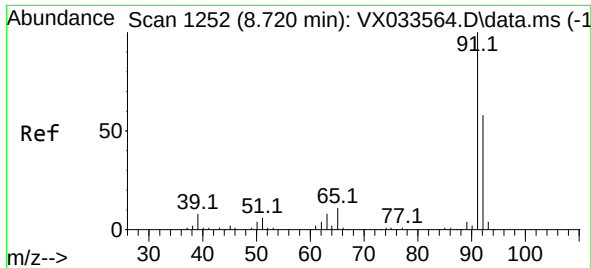
Ion Ratio Lower Upper

43 100

58 40.4 32.6 49.0

100 17.4 13.8 20.8





#42

Toluene

Concen: 56.038 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX033568.D

Acq: 27 Dec 2022 16:07

Instrument :

MSVOA_X

ClientSampleId :

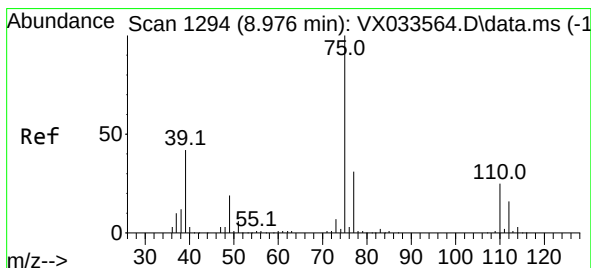
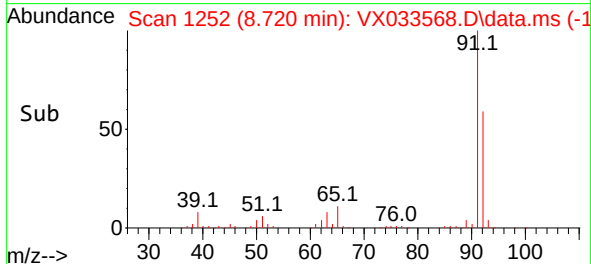
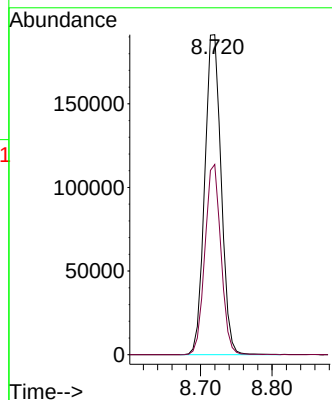
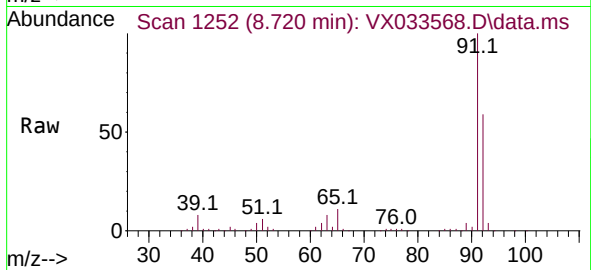
VICV612

Tgt Ion: 91 Resp: 305322

Ion Ratio Lower Upper

91 100

92 59.4 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 57.100 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX033568.D

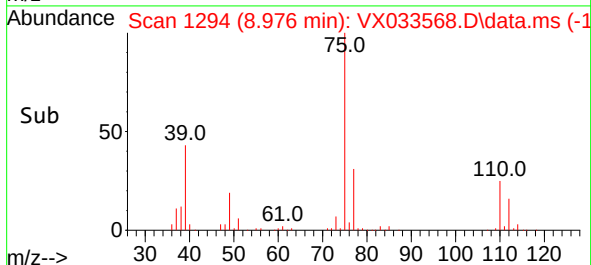
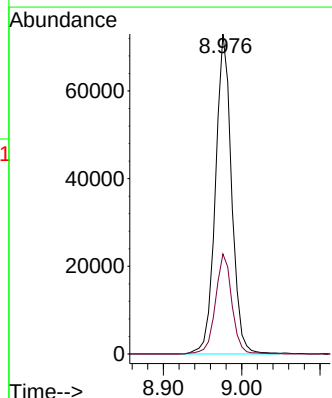
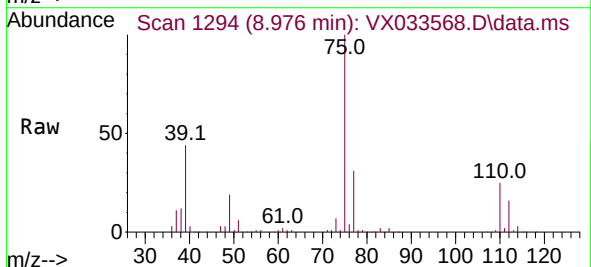
Acq: 27 Dec 2022 16:07

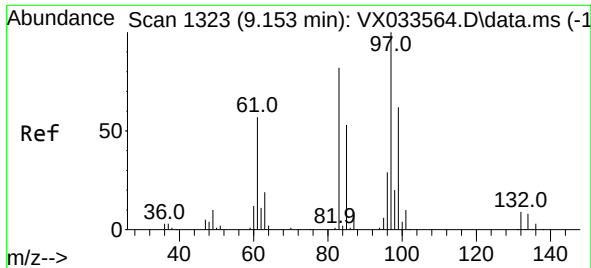
Tgt Ion: 75 Resp: 104667

Ion Ratio Lower Upper

75 100

77 31.3 21.3 39.6

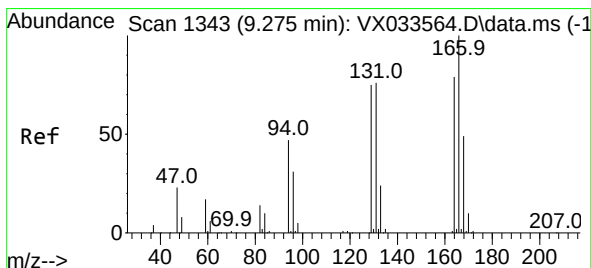
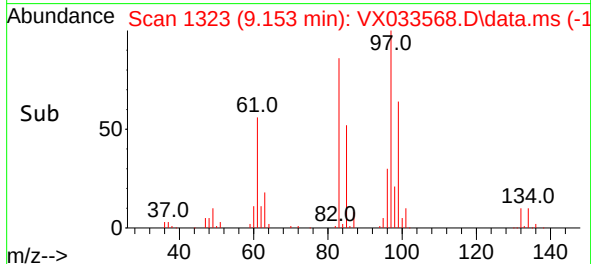
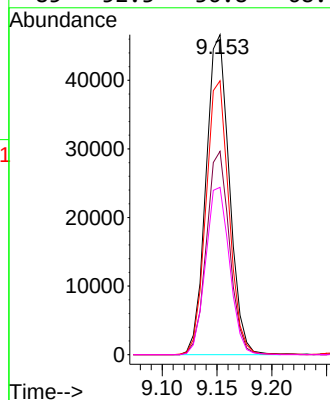
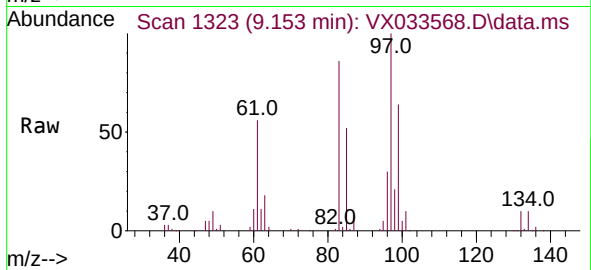




#45
1,1,2-Trichloroethane
Concen: 54.645 ug/L
RT: 9.153 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033568.D
Acq: 27 Dec 2022 16:07

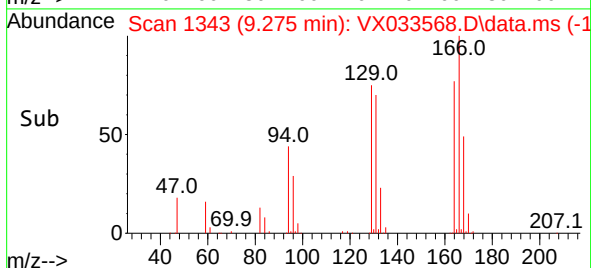
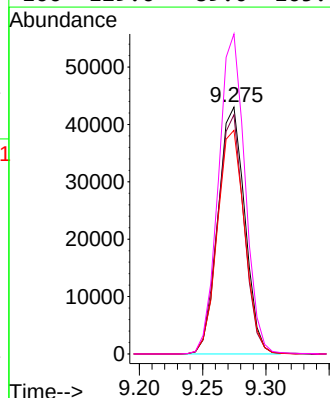
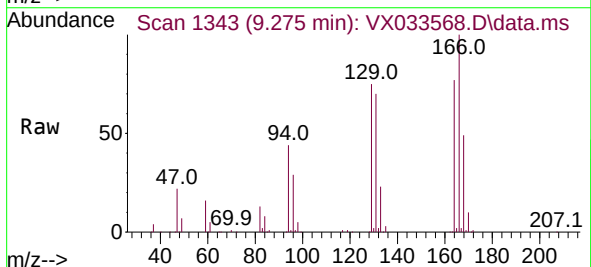
Instrument :
MSVOA_X
ClientSampleId :
VICV612

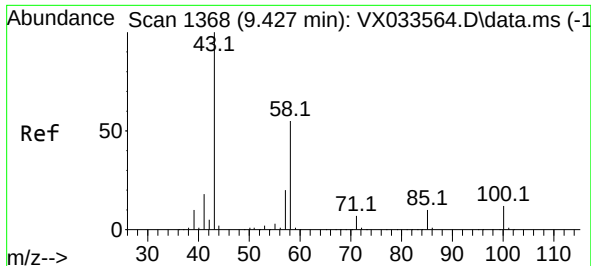
Tgt Ion:	97	Resp:	69112
Ion	Ratio	Lower	Upper
97	100		
99	63.6	43.6	81.0
83	85.6	57.4	106.6
85	52.3	36.8	68.4



#46
Tetrachloroethene
Concen: 56.651 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX033568.D
Acq: 27 Dec 2022 16:07

Tgt Ion:	164	Resp:	63179
Ion	Ratio	Lower	Upper
164	100		
129	96.9	66.4	123.2
131	90.6	67.8	125.8
166	129.6	89.0	165.4



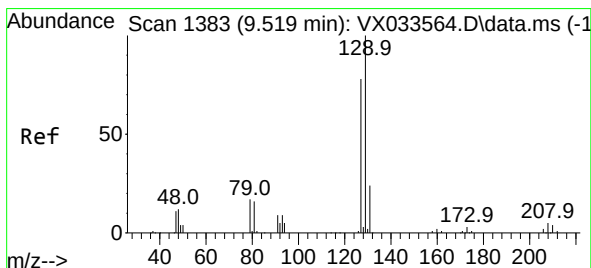
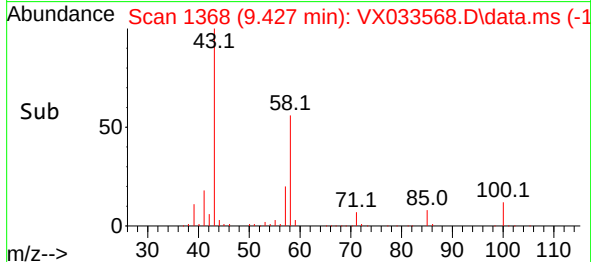
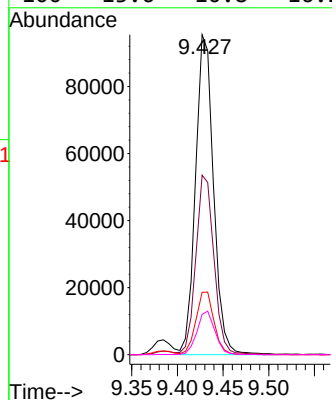
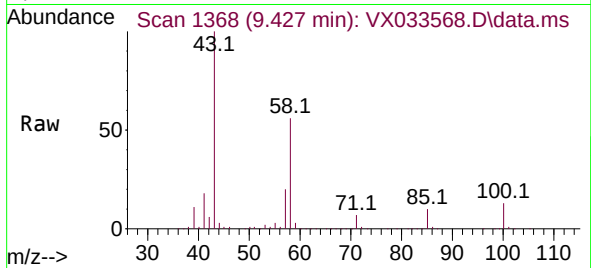


#48
2-Hexanone
Concen: 118.180 ug/L
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX033568.D
Acq: 27 Dec 2022 16:07

Instrument :
MSVOA_X
ClientSampleId :
VICV612

Tgt Ion: 43 Resp: 131097

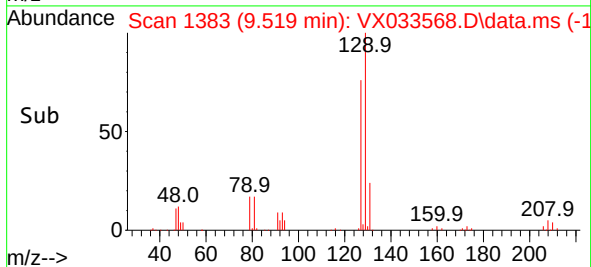
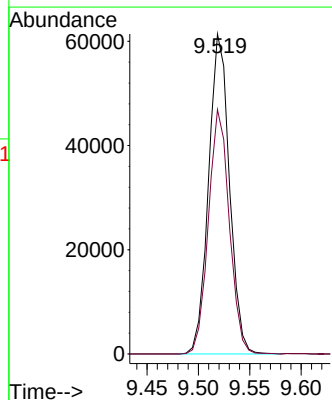
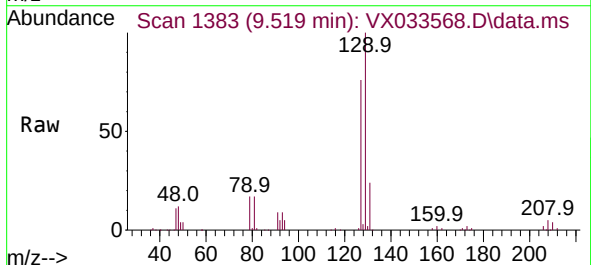
Ion	Ratio	Lower	Upper
43	100		
58	56.5	43.7	65.5
57	19.8	15.9	23.9
100	13.6	10.8	16.2

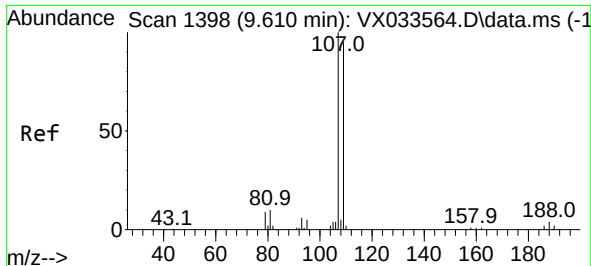


#49
Dibromochloromethane
Concen: 55.341 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX033568.D
Acq: 27 Dec 2022 16:07

Tgt Ion: 129 Resp: 86737

Ion	Ratio	Lower	Upper
129	100		
127	76.3	54.5	101.3





#50

1,2-Dibromoethane

Concen: 54.997 ug/L

RT: 9.610 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX033568.D

Acq: 27 Dec 2022 16:07

Instrument :

MSVOA_X

ClientSampleId :

VICV612

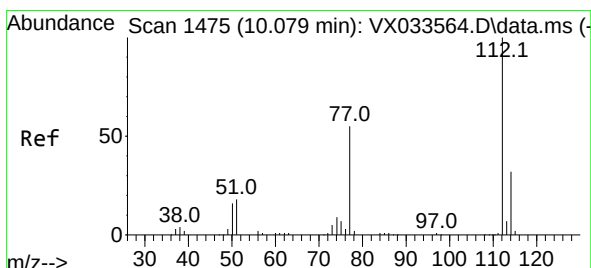
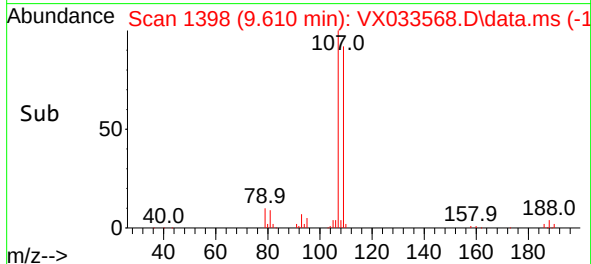
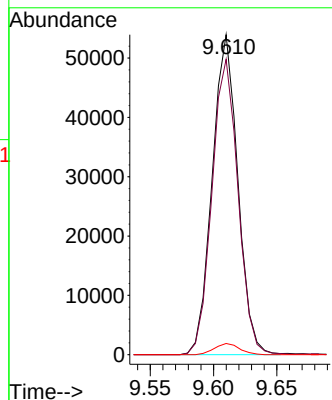
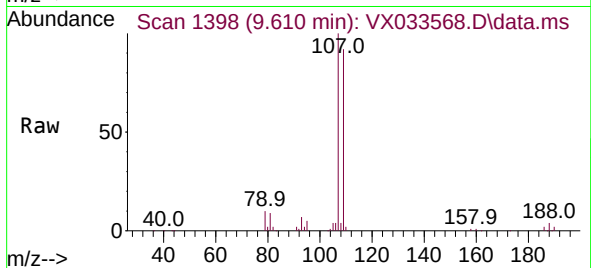
Tgt Ion:107 Resp: 75979

Ion Ratio Lower Upper

107 100

109 92.3 66.4 123.2

188 3.5 3.0 4.4



#51

Chlorobenzene

Concen: 55.560 ug/L

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX033568.D

Acq: 27 Dec 2022 16:07

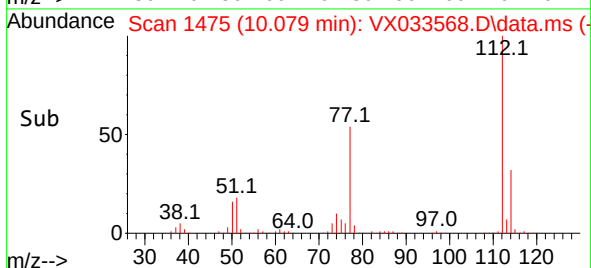
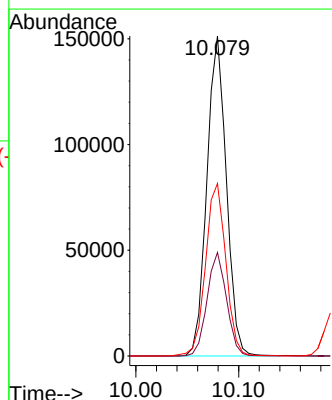
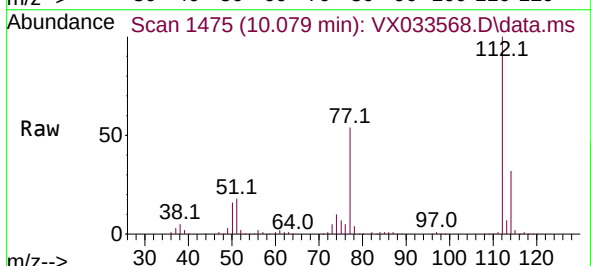
Tgt Ion:112 Resp: 199411

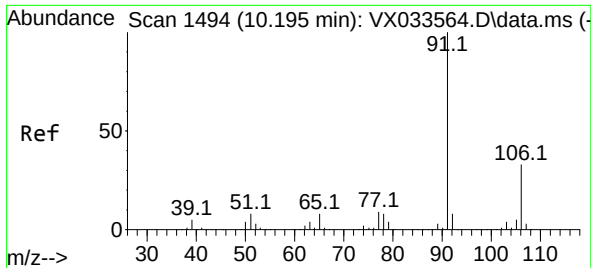
Ion Ratio Lower Upper

112 100

114 32.4 22.7 42.1

77 53.9 44.7 67.1

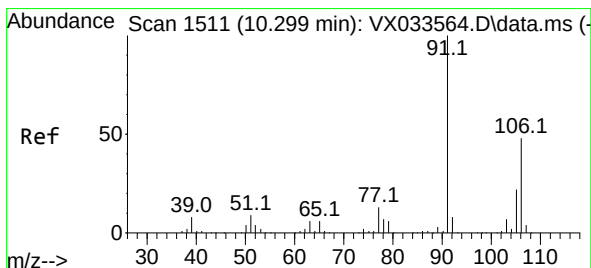
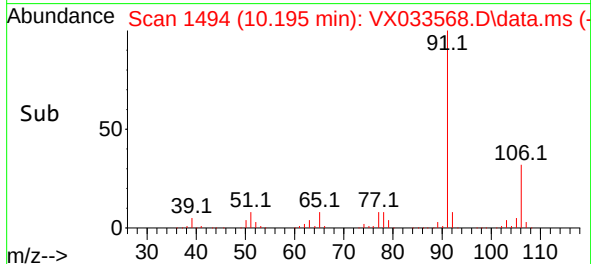
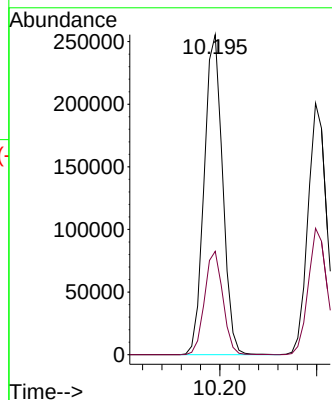
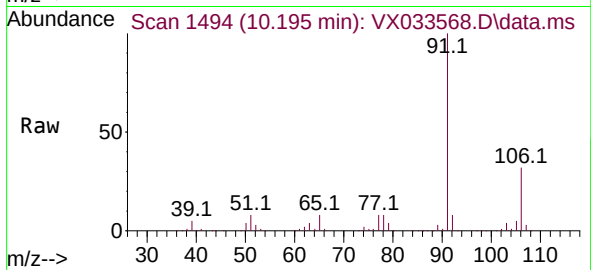




#52
Ethylbenzene
Concen: 56.921 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX033568.D
Acq: 27 Dec 2022 16:07

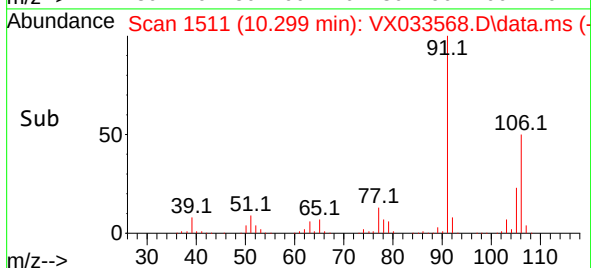
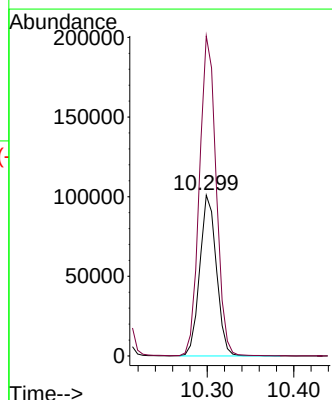
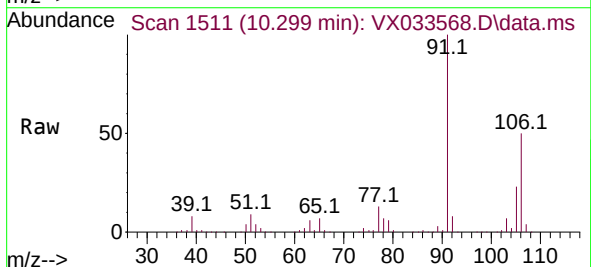
Instrument :
MSVOA_X
ClientSampleId :
VICV612

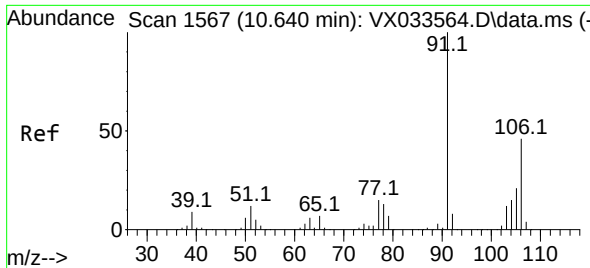
Tgt Ion: 91 Resp: 338965
Ion Ratio Lower Upper
91 100
106 32.3 23.1 42.9



#53
m,p-Xylene
Concen: 57.146 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX033568.D
Acq: 27 Dec 2022 16:07

Tgt Ion: 106 Resp: 134810
Ion Ratio Lower Upper
106 100
91 199.0 145.9 271.1

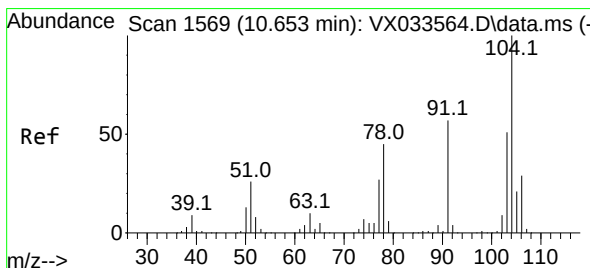
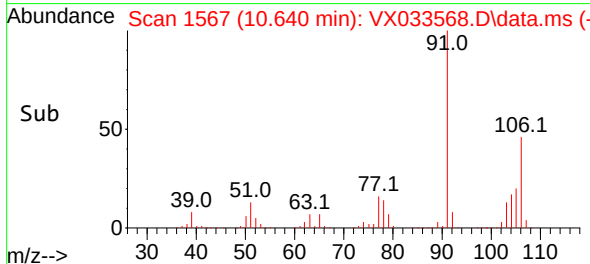
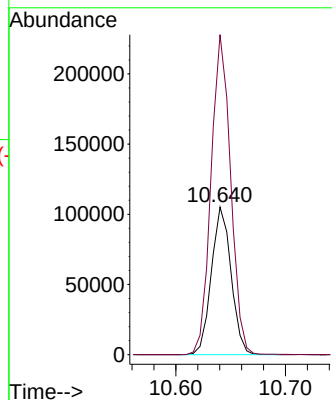
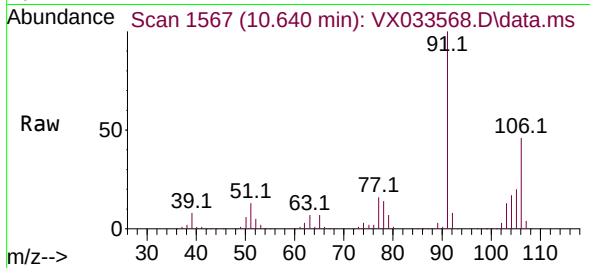




#54
o-Xylene
Concen: 56.585 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX033568.D
Acq: 27 Dec 2022 16:07

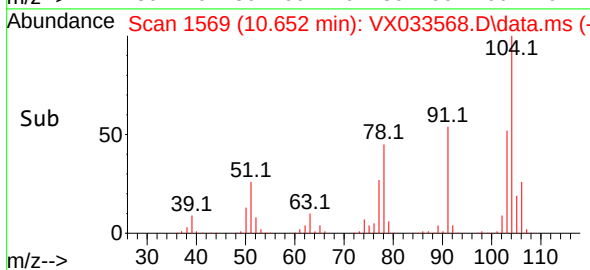
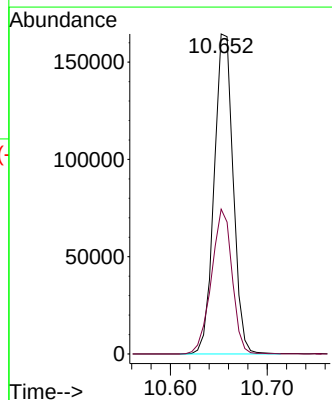
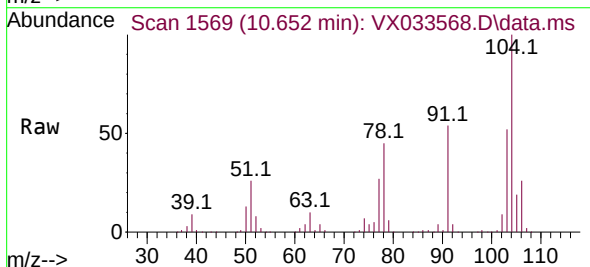
Instrument :
MSVOA_X
ClientSampleId :
VICV612

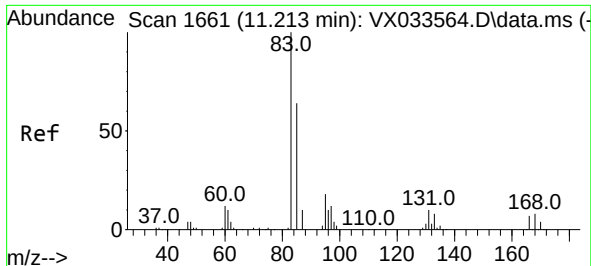
Tgt Ion:106 Resp: 131676
Ion Ratio Lower Upper
106 100
91 216.8 152.3 282.9



#55
Styrene
Concen: 57.719 ug/L
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX033568.D
Acq: 27 Dec 2022 16:07

Tgt Ion:104 Resp: 224632
Ion Ratio Lower Upper
104 100
78 45.3 31.8 59.0





#57

1,1,2,2-Tetrachloroethane

Concen: 55.173 ug/L

RT: 11.213 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX033568.D

Acq: 27 Dec 2022 16:07

Instrument :

MSVOA_X

ClientSampleId :

VICV612

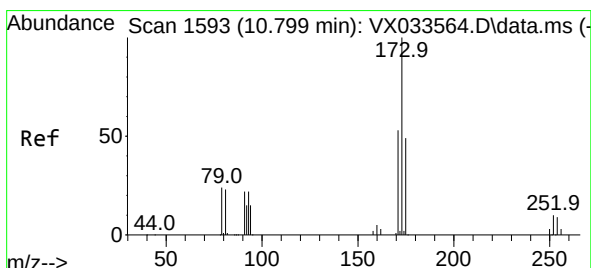
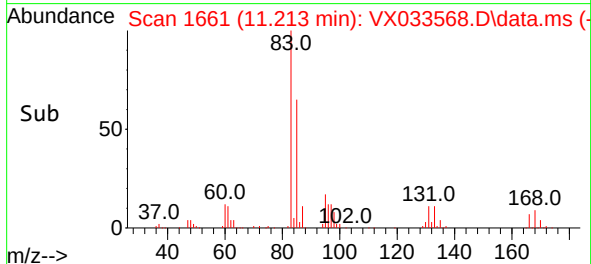
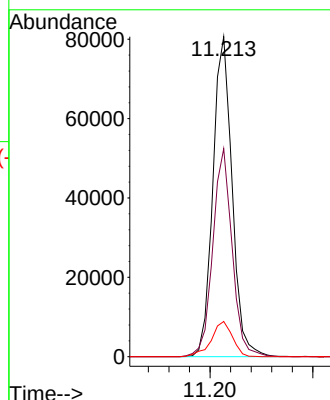
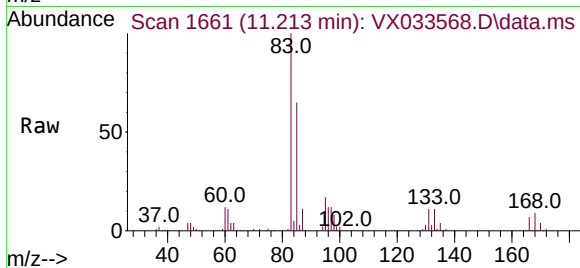
Tgt Ion: 83 Resp: 104562

Ion Ratio Lower Upper

83 100

85 65.0 44.9 83.5

131 11.0 8.4 12.6



#59

Bromoform

Concen: 52.715 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX033568.D

Acq: 27 Dec 2022 16:07

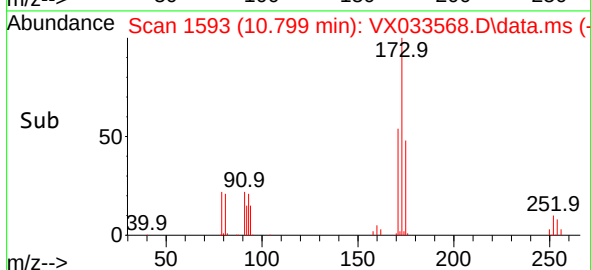
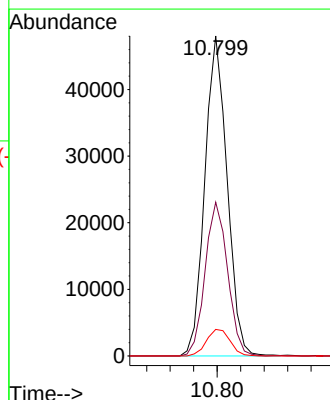
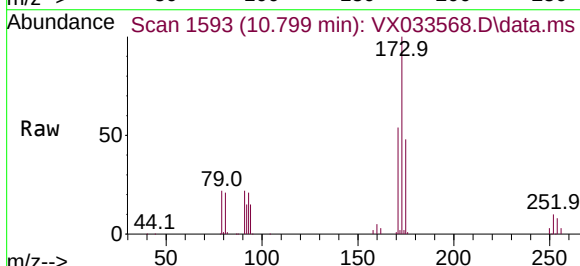
Tgt Ion:173 Resp: 63234

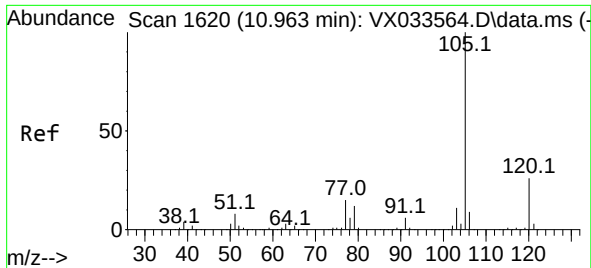
Ion Ratio Lower Upper

173 100

175 48.5 39.7 59.5

254 8.8 7.4 11.0

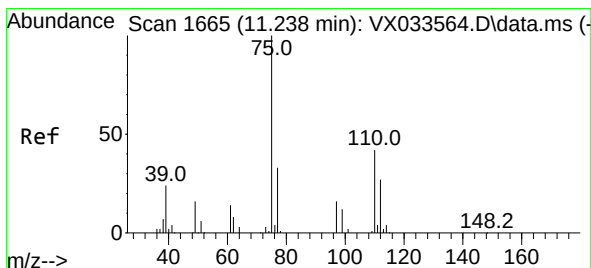
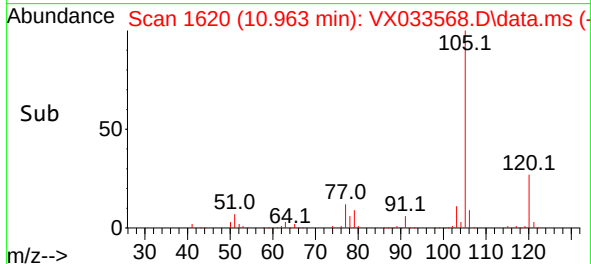
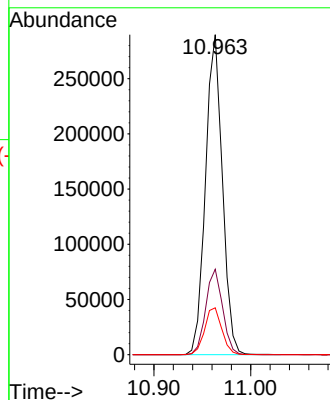
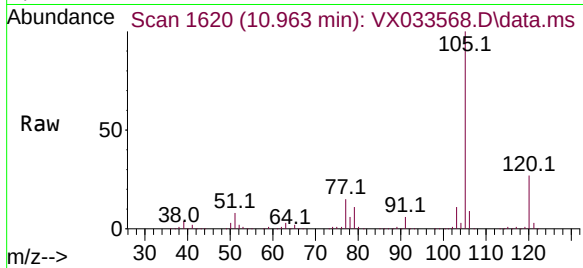




#60
Isopropylbenzene
Concen: 55.599 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX033568.D
Acq: 27 Dec 2022 16:07

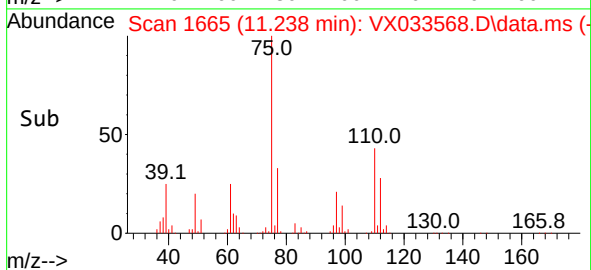
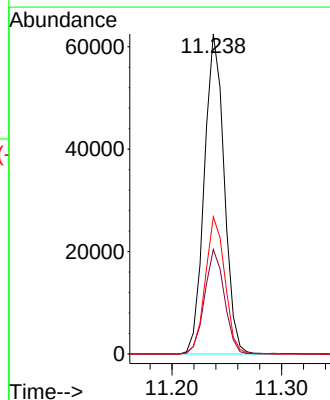
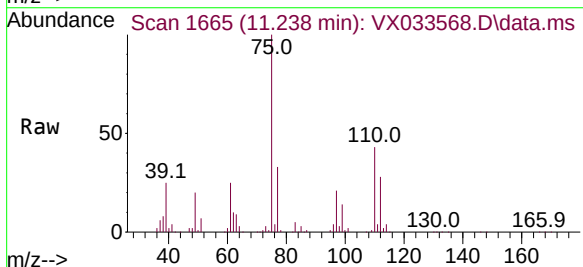
Instrument :
MSVOA_X
ClientSampleId :
VICV612

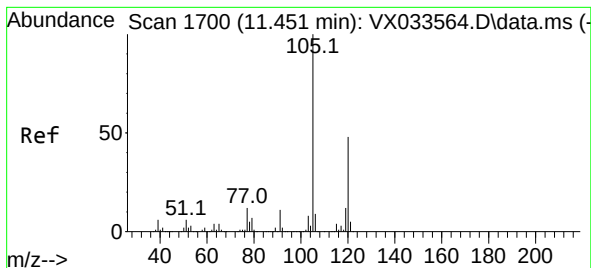
Tgt Ion:105 Resp: 352674
Ion Ratio Lower Upper
105 100
120 26.7 21.2 31.8
77 15.1 11.9 17.9



#61
1,2,3-Trichloropropane
Concen: 52.438 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX033568.D
Acq: 27 Dec 2022 16:07

Tgt Ion: 75 Resp: 78703
Ion Ratio Lower Upper
75 100
77 32.4 25.9 38.9
110 42.1 33.8 50.6





#62

1,3,5-Trimethylbenzene

Concen: 56.492 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX033568.D

Acq: 27 Dec 2022 16:07

Instrument :

MSVOA_X

ClientSampleId :

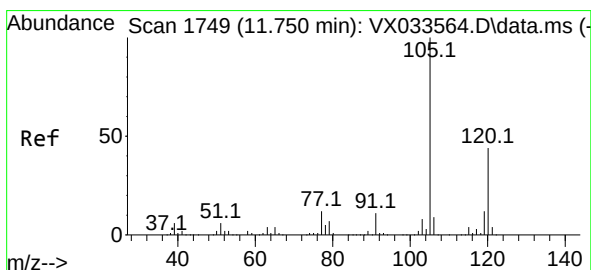
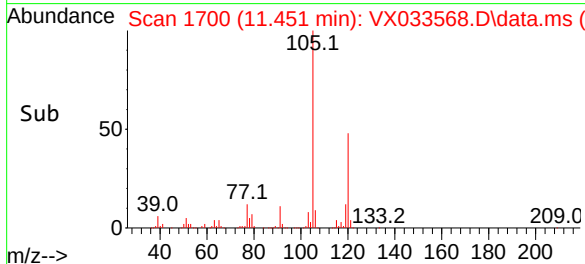
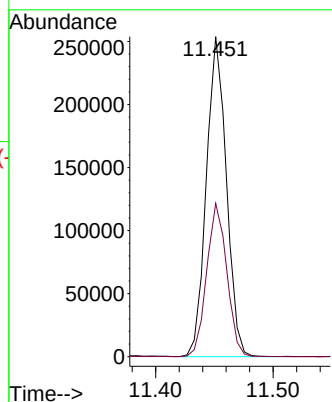
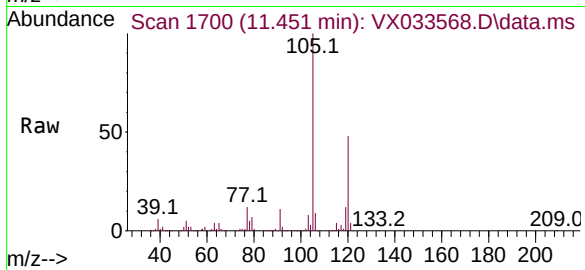
VICV612

Tgt Ion:105 Resp: 300259

Ion Ratio Lower Upper

105 100

120 48.1 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 56.755 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX033568.D

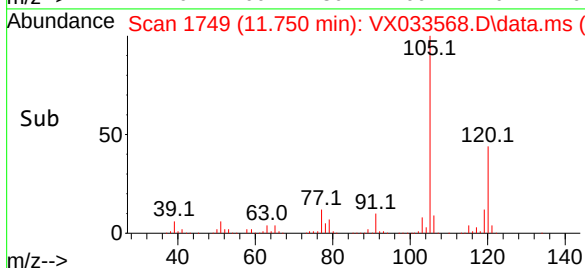
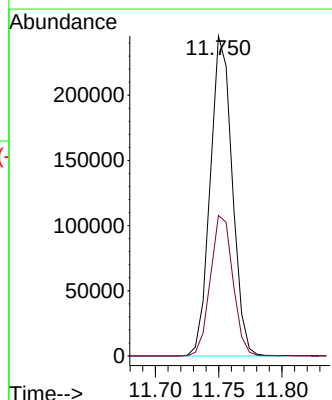
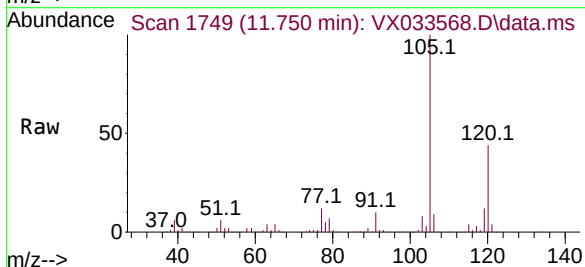
Acq: 27 Dec 2022 16:07

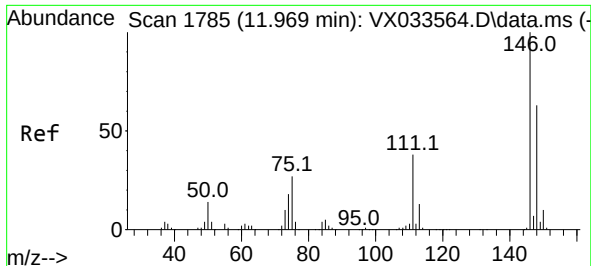
Tgt Ion:105 Resp: 296831

Ion Ratio Lower Upper

105 100

120 44.9 35.8 53.6

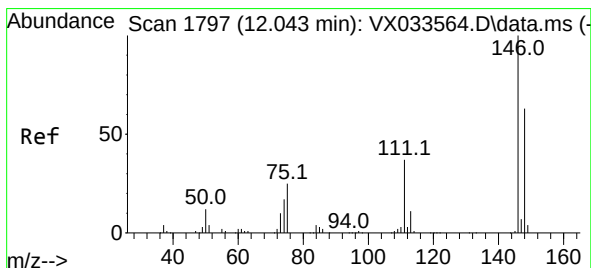
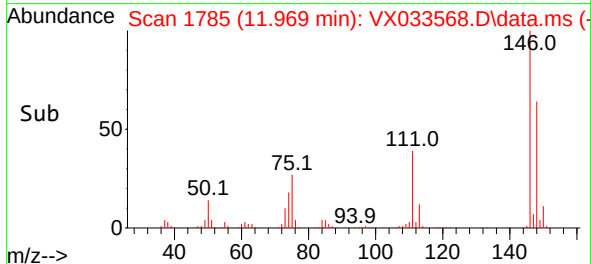
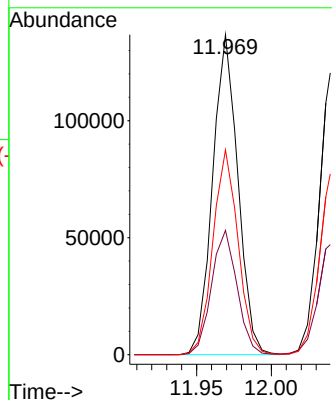
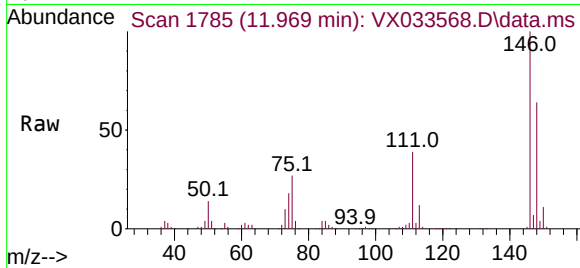




#64
1,3-Dichlorobenzene
Concen: 56.326 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX033568.D
Acq: 27 Dec 2022 16:07

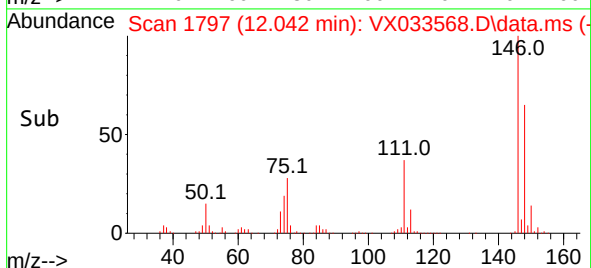
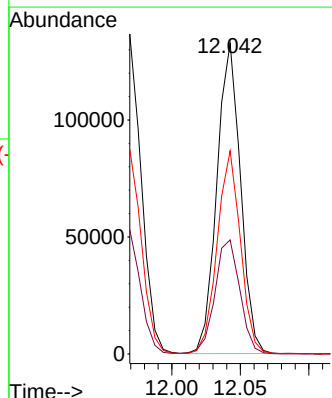
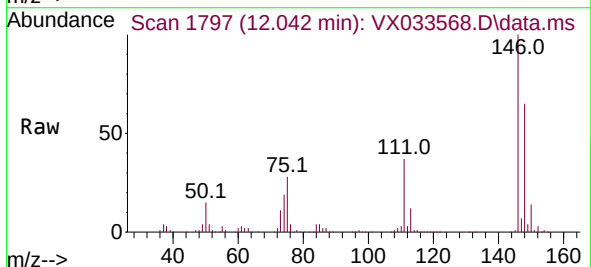
Instrument :
MSVOA_X
ClientSampleId :
VICV612

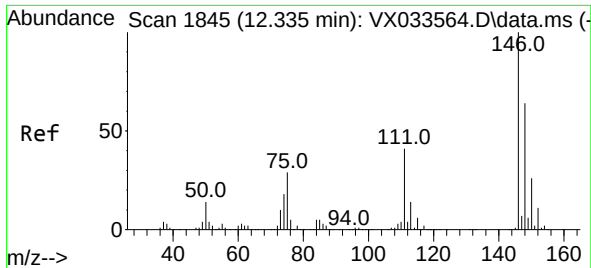
Tgt Ion:146 Resp: 160440
Ion Ratio Lower Upper
146 100
111 38.8 26.8 49.8
148 64.0 43.8 81.3



#65
1,4-Dichlorobenzene
Concen: 54.779 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX033568.D
Acq: 27 Dec 2022 16:07

Tgt Ion:146 Resp: 158842
Ion Ratio Lower Upper
146 100
111 36.7 25.9 48.1
148 65.3 44.4 82.5

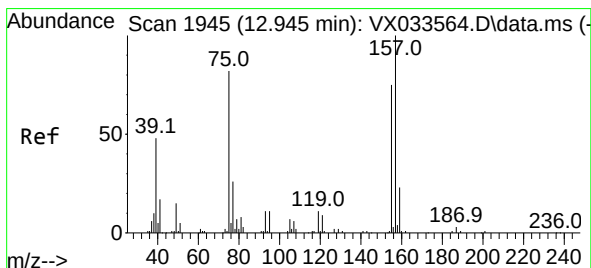
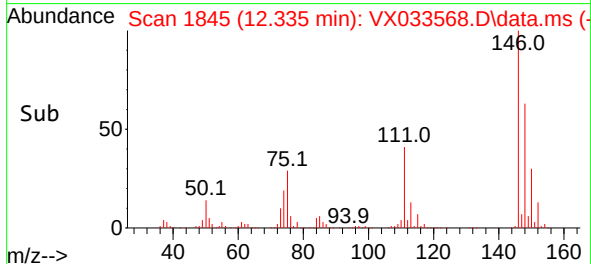
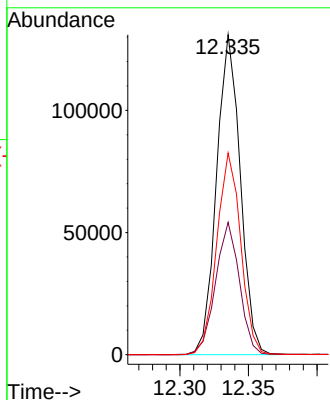
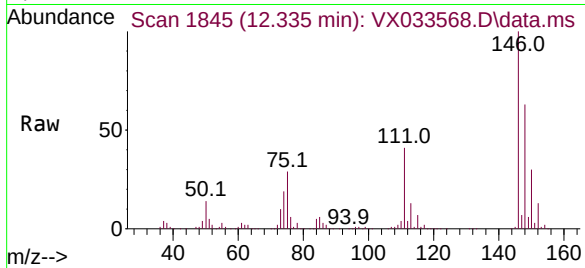




#67
1,2-Dichlorobenzene
Concen: 55.380 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX033568.D
Acq: 27 Dec 2022 16:07

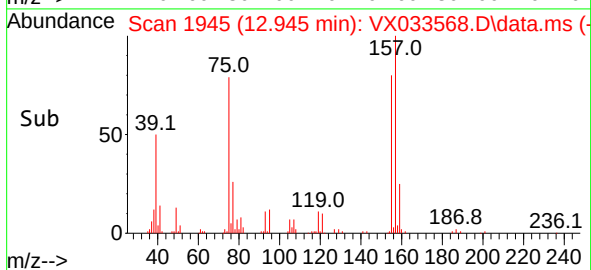
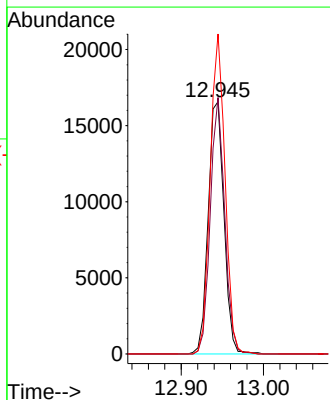
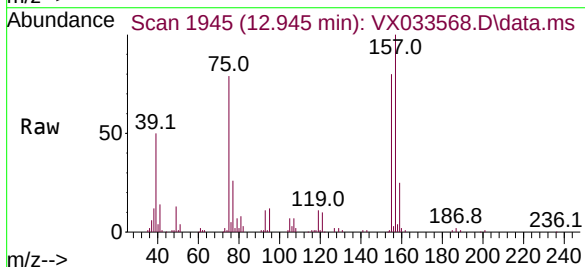
Instrument :
MSVOA_X
ClientSampleId :
VICV612

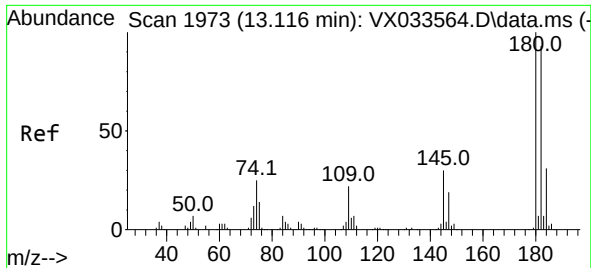
Tgt Ion:146 Resp: 157682
Ion Ratio Lower Upper
146 100
111 41.3 33.0 49.4
148 63.1 51.2 76.8



#68
1,2-Dibromo-3-chloropropane
Concen: 51.452 ug/L
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX033568.D
Acq: 27 Dec 2022 16:07

Tgt Ion: 75 Resp: 22042
Ion Ratio Lower Upper
75 100
155 101.6 72.9 109.3
157 126.8 97.7 146.5





#69

1,3,5-Trichlorobenzene

Concen: 56.571 ug/L

RT: 13.115 min Scan# 1973

Delta R.T. -0.000 min

Lab File: VX033568.D

Acq: 27 Dec 2022 16:07

Instrument :

MSVOA_X

ClientSampleId :

VICV612

Tgt Ion:180 Resp: 113019

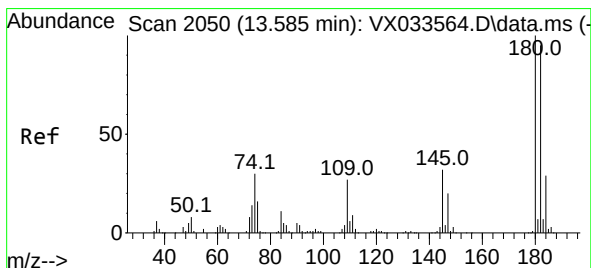
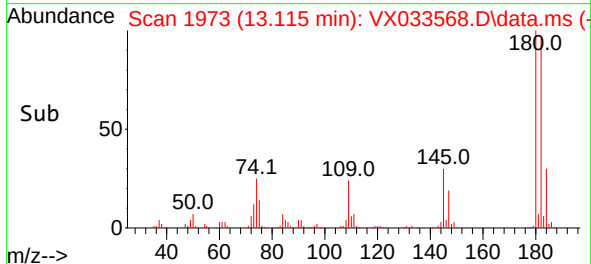
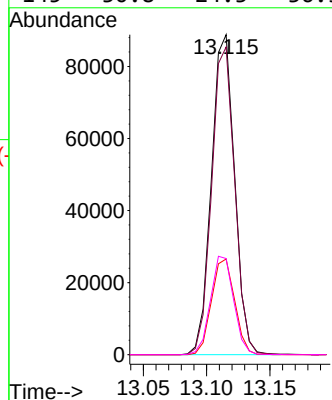
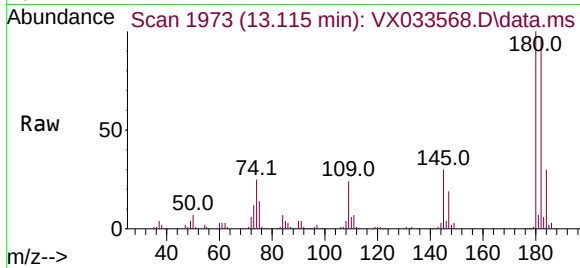
Ion Ratio Lower Upper

180 100

182 95.5 74.5 111.7

184 29.9 24.3 36.5

145 30.8 24.3 36.5



#70

1,2,4-trichlorobenzene

Concen: 56.587 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX033568.D

Acq: 27 Dec 2022 16:07

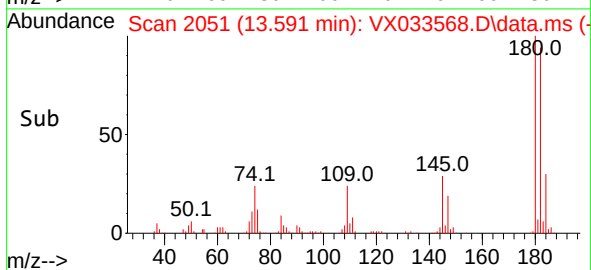
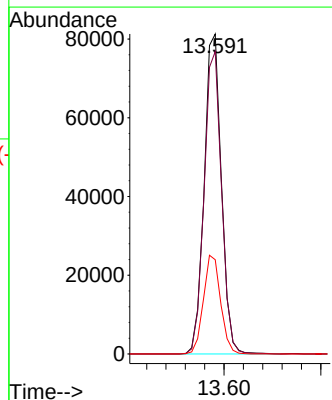
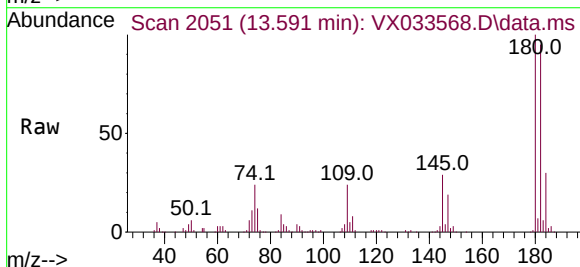
Tgt Ion:180 Resp: 100760

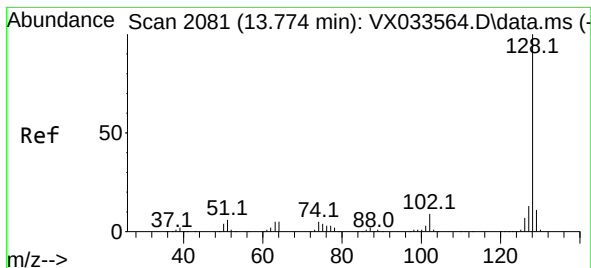
Ion Ratio Lower Upper

180 100

182 95.3 76.7 115.1

145 30.8 25.4 38.0





#71

Naphthalene

Concen: 55.985 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX033568.D

Acq: 27 Dec 2022 16:07

Instrument :

MSVOA_X

ClientSampleId :

VICV612

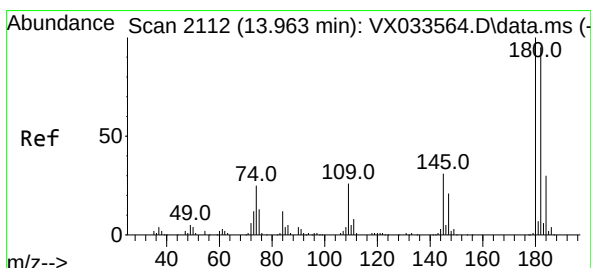
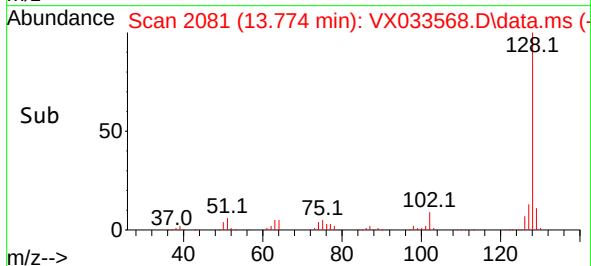
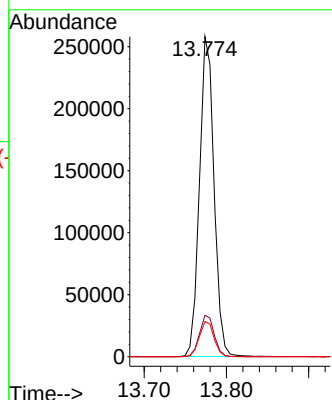
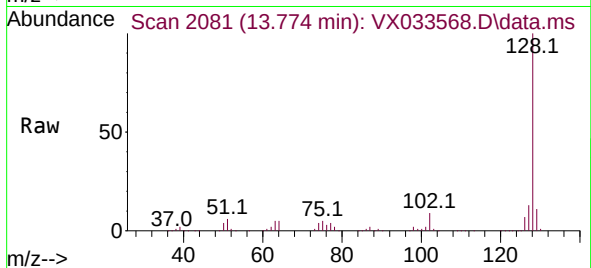
Tgt Ion:128 Resp: 317602

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 11.1 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 56.600 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX033568.D

Acq: 27 Dec 2022 16:07

Tgt Ion:180 Resp: 100997

Ion Ratio Lower Upper

180 100

182 94.8 76.1 114.1

145 32.2 25.9 38.9

