

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122222\
 Data File : VX033542.D
 Acq On : 22 Dec 2022 14:04
 Operator : JC/MD
 Sample : VSTD05003
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 23 04:32:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 23 04:30:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	244955	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	221156	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	114481	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	64704	49.656	ug/L	0.00
7) Chloroethane-d5	1.672	69	48167	47.265	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.313	63	101734	48.901	ug/L	0.00
21) 2-Butanone-d5	4.465	46	96429	101.876	ug/L	0.00
24) Chloroform-d	5.056	84	161600	50.025	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	98304	49.080	ug/L	0.00
32) Benzene-d6	5.976	84	311057	49.249	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.306	67	91367	49.514	ug/L	0.00
41) Toluene-d8	8.647	98	302742	49.386	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	44870	50.299	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	77679	102.687	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	127013	50.198	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	116984	49.261	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	29959	50.673	ug/L	100
3) Chloromethane	1.294	50	36703	49.445	ug/L	100
5) Vinyl chloride	1.374	62	49353	50.315	ug/L	100
6) Bromomethane	1.618	94	28272	48.450	ug/L	100
8) Chloroethane	1.691	64	32090	49.175	ug/L	100
9) Trichlorofluoromethane	1.892	101	81548	50.235	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	49223	47.657	ug/L	100
12) 1,1-Dichloroethene	2.319	96	45224	48.693	ug/L	100
13) Acetone	2.392	43	63678	104.734	ug/L	100
14) Carbon disulfide	2.514	76	160216	56.690	ug/L	100
15) Methyl Acetate	2.709	43	61615	50.686	ug/L	100
16) Methylene chloride	2.788	84	68825	49.501	ug/L	100
17) trans-1,2-Dichloroethene	3.093	96	69180	50.287	ug/L	100
18) Methyl tert-butyl Ether	3.111	73	220075	50.474	ug/L	100
19) 1,1-Dichloroethane	3.611	63	121527	50.897	ug/L	100
20) cis-1,2-Dichloroethene	4.489	96	80206	49.744	ug/L	100
22) 2-Butanone	4.568	43	99565	99.431	ug/L	100
23) Bromochloromethane	4.904	128	43479	50.376	ug/L	100
25) Chloroform	5.093	83	140952	50.803	ug/L	100
27) 1,2-Dichloroethane	6.086	62	106757	50.443	ug/L	100
29) Cyclohexane	5.471	56	109357	50.596	ug/L	100
30) 1,1,1-Trichloroethane	5.385	97	127936	49.743	ug/L	100
31) Carbon tetrachloride	5.678	117	112720	49.384	ug/L	100
33) Benzene	6.037	78	293956	50.014	ug/L	100
34) Trichloroethene	7.129	95	81352	49.638	ug/L	100
35) Methylcyclohexane	7.379	83	121764	50.695	ug/L	100
37) 1,2-Dichloropropane	7.427	63	72051	49.712	ug/L	100
38) Bromodichloromethane	7.824	83	106338	49.716	ug/L	100
39) cis-1,3-Dichloropropene	8.366	75	120619	51.220	ug/L	100
40) 4-Methyl-2-pentanone	8.574	43	183652	102.315	ug/L	100
42) Toluene	8.720	91	332427	50.042	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	112793	51.014	ug/L	100

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 Quant Title : VOC Analysis
 QLast Update : Fri Dec 23 04:30:49 2022
 Response via : Initial Calibration

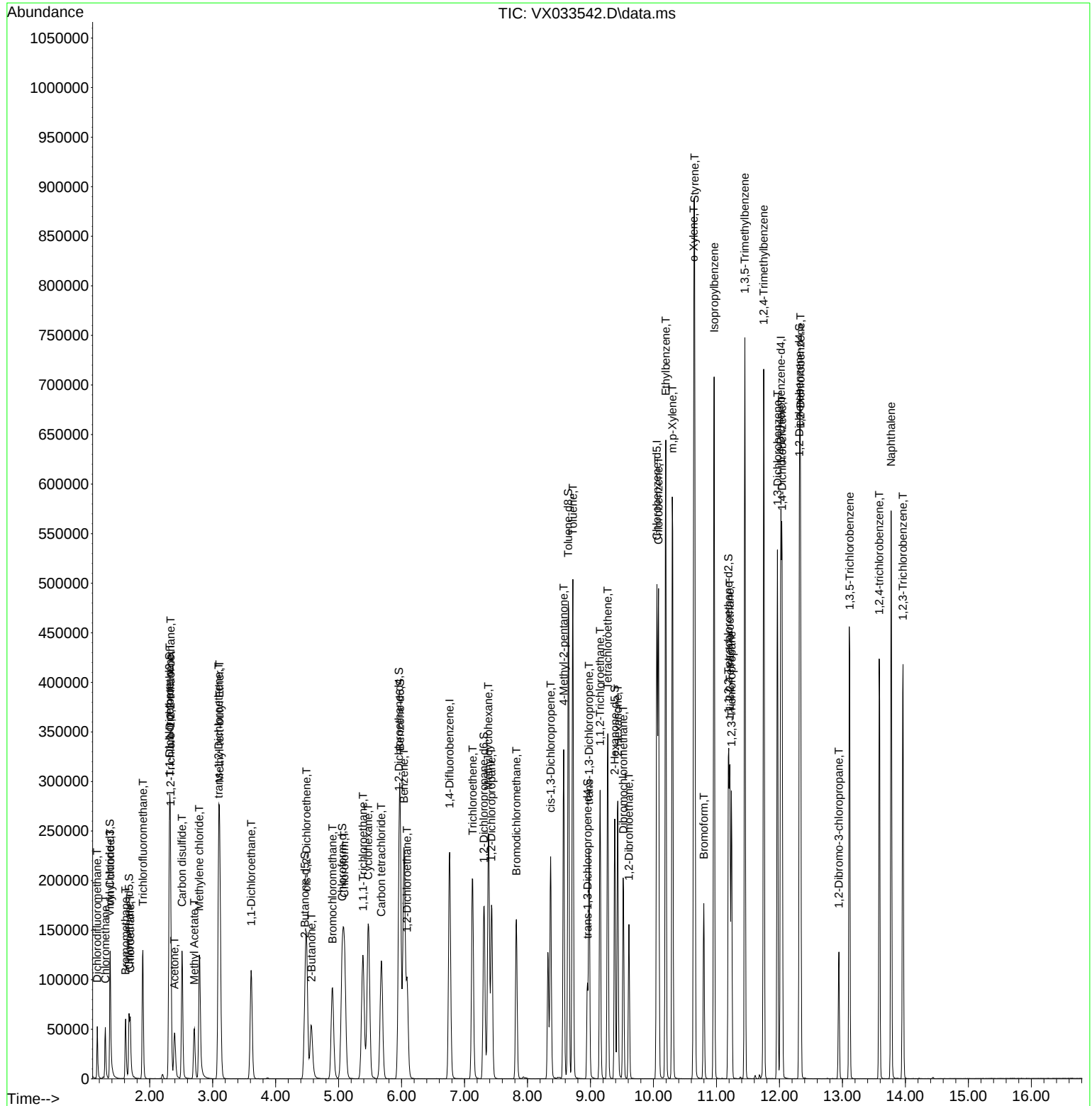
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	78168	49.823	ug/L	100
46) Tetrachloroethene	9.275	164	68832	49.762	ug/L	100
48) 2-Hexanone	9.433	43	146694	102.897	ug/L	100
49) Dibromochloromethane	9.519	129	91105	49.725	ug/L	100
50) 1,2-Dibromoethane	9.610	107	84507	49.898	ug/L	100
51) Chlorobenzene	10.079	112	218698	49.612	ug/L	100
52) Ethylbenzene	10.195	91	369172	50.727	ug/L	100
53) m,p-Xylene	10.299	106	147202	50.712	ug/L	100
54) o-Xylene	10.640	106	142619	50.237	ug/L	100
55) Styrene	10.652	104	245014	51.210	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	117034	51.014	ug/L	100
59) Bromoform	10.799	173	65232	48.934	ug/L	100
60) Isopropylbenzene	10.963	105	378769	50.037	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	89048	49.385	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	324322	50.436	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	322171	50.959	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	172590	49.917	ug/L	100
65) 1,4-Dichlorobenzene	12.042	146	172822	49.413	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	170980	50.109	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.945	75	24648	50.849	ug/L	100
69) 1,3,5-Trichlorobenzene	13.115	180	118097	51.047	ug/L	100
70) 1,2,4-trichlorobenzene	13.585	180	104956	50.086	ug/L	100
71) Naphthalene	13.774	128	353418	51.620	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	105598	50.497	ug/L	100

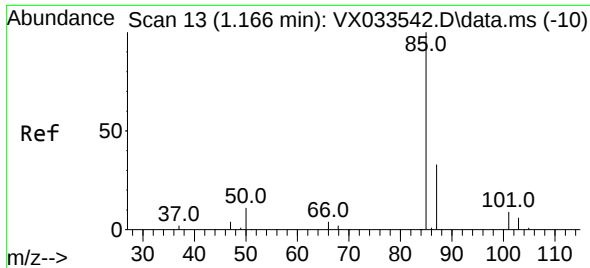
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX12222\  
Data File : VX033542.D  
Acq On    : 22 Dec 2022  14:04  
Operator  : JC/MD  
Sample    : VSTD05003  
Misc      : 5.0mL/MSVOA_X/WATER  
ALS Vial  : 6    Sample Multiplier: 1
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Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Dec 23 04:32:25 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML12222\WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 23 04:30:49 2022
Response via : Initial Calibration

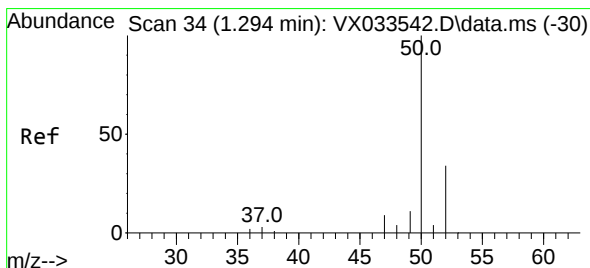
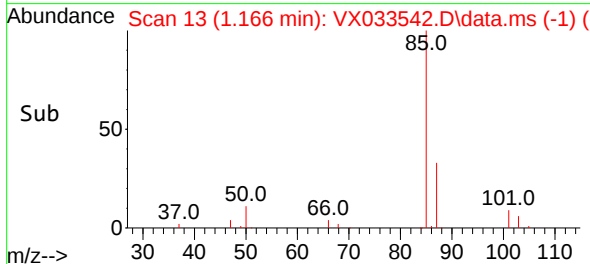
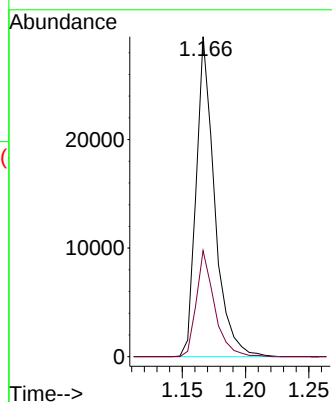
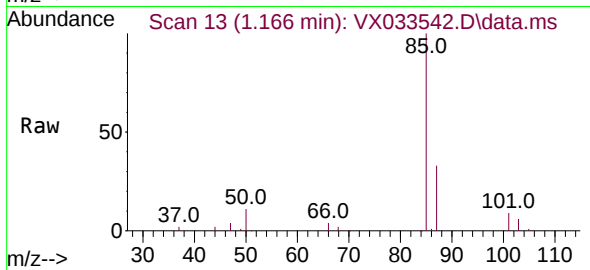




#2
 Dichlorodifluoromethane
 Concen: 50.673 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX033542.D
 Acq: 22 Dec 2022 14:04

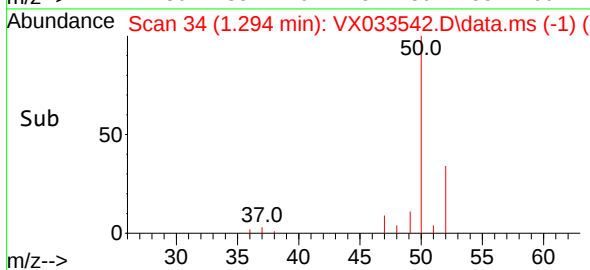
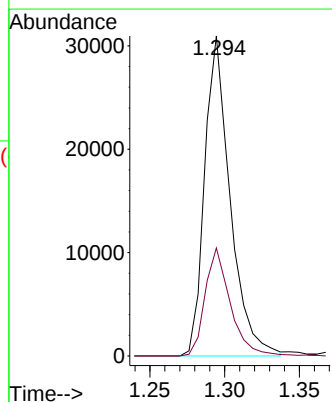
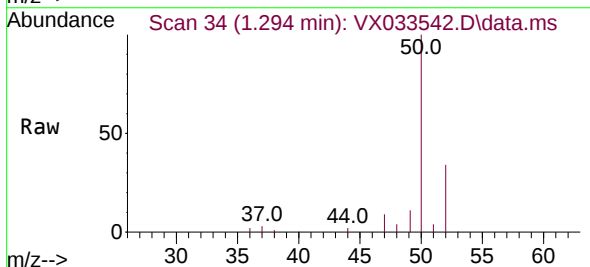
Instrument :
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 ClientSampleId :

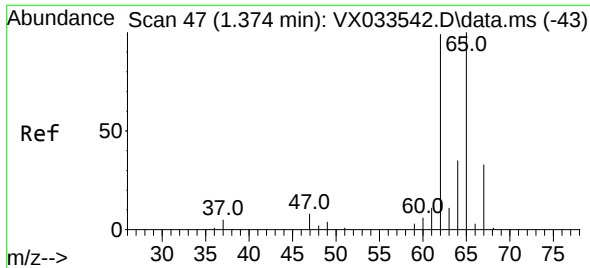
Tgt Ion: 85 Resp: 29959
 Ion Ratio Lower Upper
 85 100
 87 32.6 26.1 39.1



#3
 Chloromethane
 Concen: 49.445 ug/L
 RT: 1.294 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: VX033542.D
 Acq: 22 Dec 2022 14:04

Tgt Ion: 50 Resp: 36703
 Ion Ratio Lower Upper
 50 100
 52 33.8 23.7 43.9

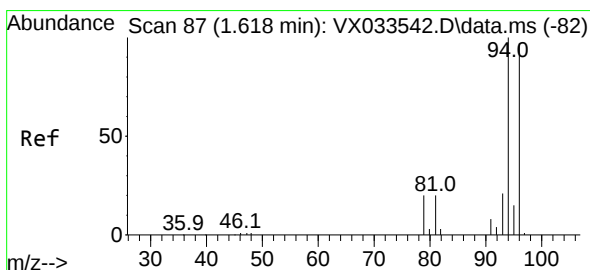
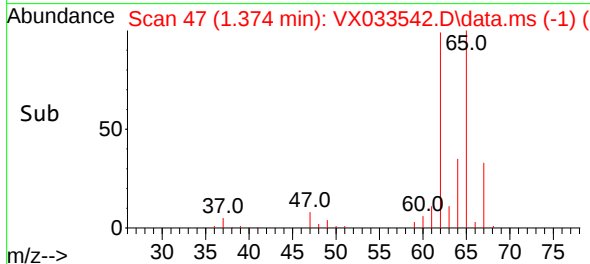
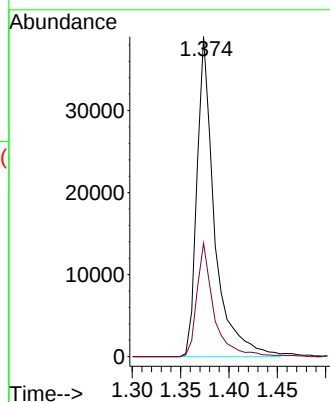
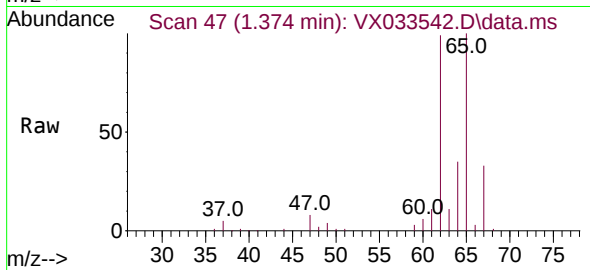




#5
 Vinyl chloride
 Concen: 50.315 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX033542.D
 Acq: 22 Dec 2022 14:04

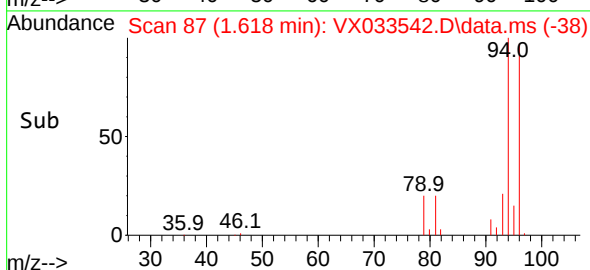
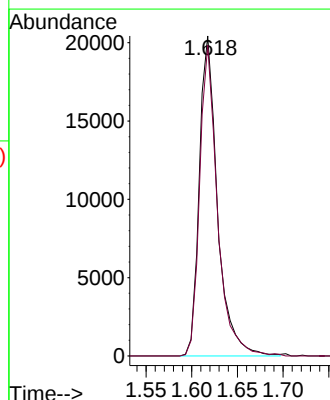
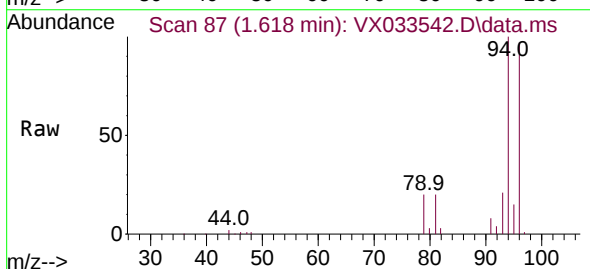
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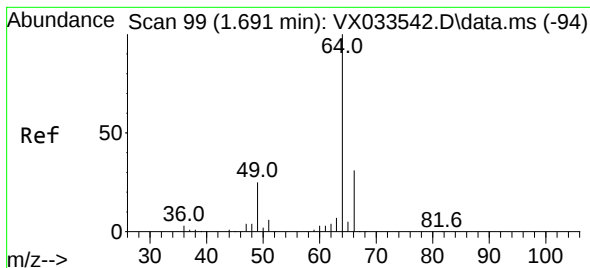
Tgt Ion: 62 Resp: 49353
 Ion Ratio Lower Upper
 62 100
 64 35.5 24.8 46.1



#6
 Bromomethane
 Concen: 48.450 ug/L
 RT: 1.618 min Scan# 87
 Delta R.T. 0.000 min
 Lab File: VX033542.D
 Acq: 22 Dec 2022 14:04

Tgt Ion: 94 Resp: 28272
 Ion Ratio Lower Upper
 94 100
 96 97.1 68.0 126.2





#8

Chloroethane

Concen: 49.175 ug/L

RT: 1.691 min Scan# 99

Delta R.T. 0.000 min

Lab File: VX033542.D

Acq: 22 Dec 2022 14:04

Instrument :

MSVOA_X

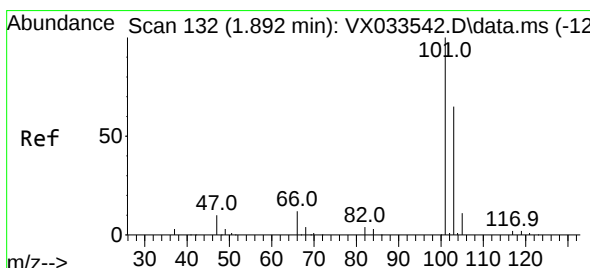
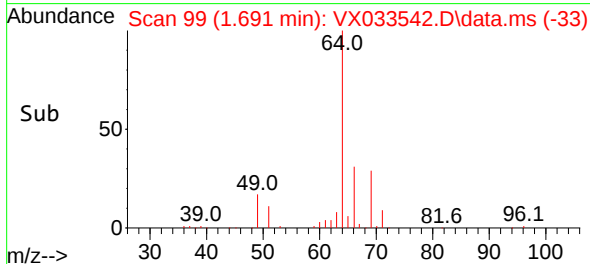
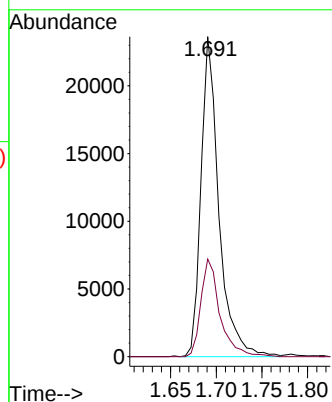
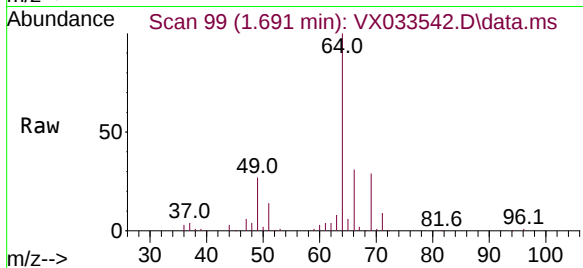
ClientSampleId :

Tgt Ion: 64 Resp: 32090

Ion Ratio Lower Upper

64 100

66 30.5 21.3 39.6



#9

Trichlorofluoromethane

Concen: 50.235 ug/L

RT: 1.892 min Scan# 132

Delta R.T. 0.000 min

Lab File: VX033542.D

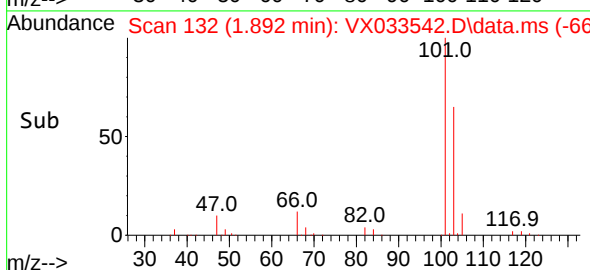
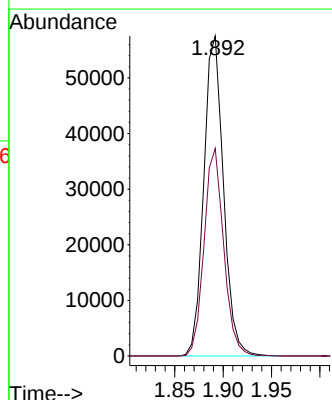
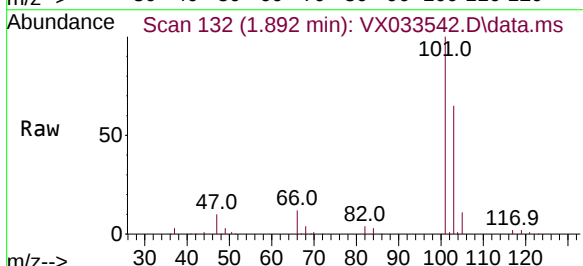
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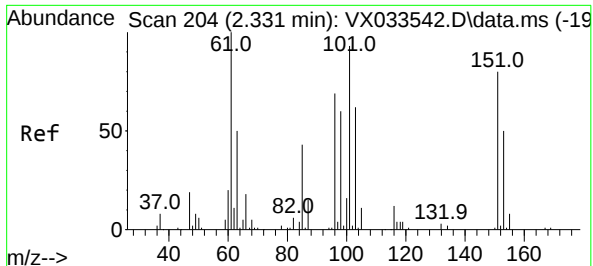
Tgt Ion:101 Resp: 81548

Ion Ratio Lower Upper

101 100

103 64.7 51.8 77.6

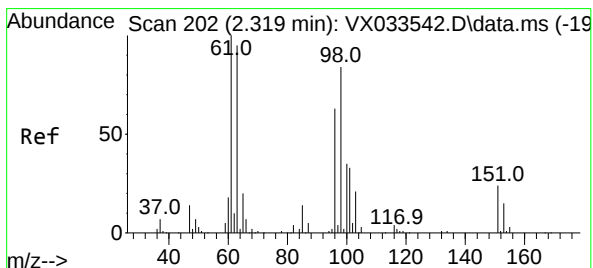
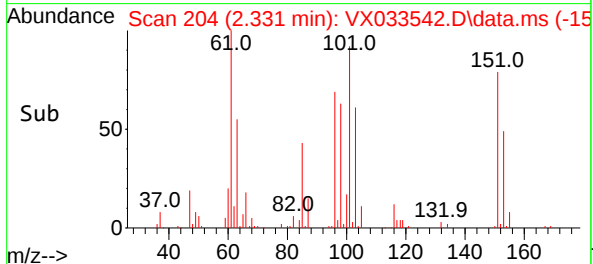
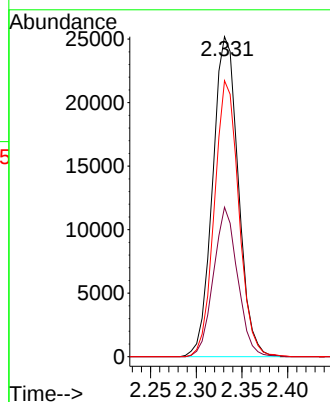
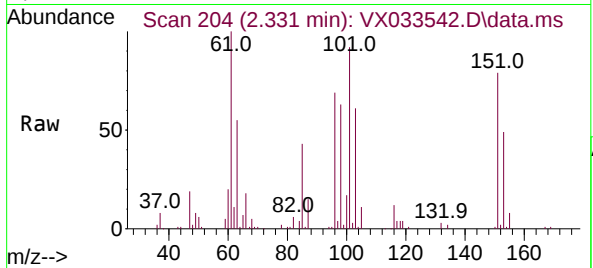




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 47.657 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. 0.000 min
 Lab File: VX033542.D
 Acq: 22 Dec 2022 14:04

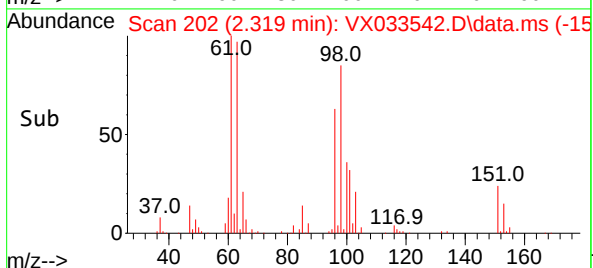
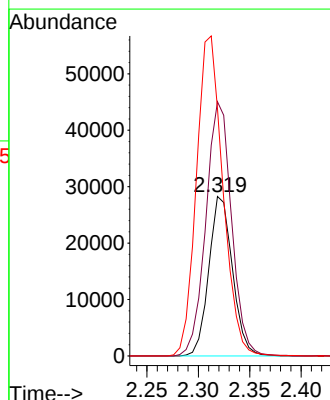
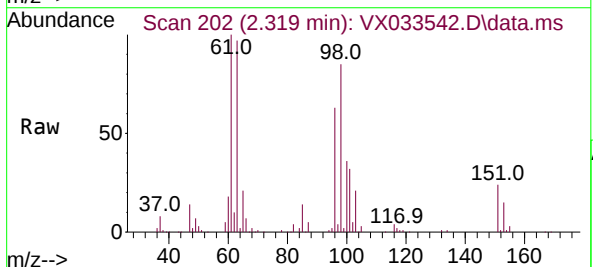
Instrument :
 MSVOA_X
 ClientSampleId :

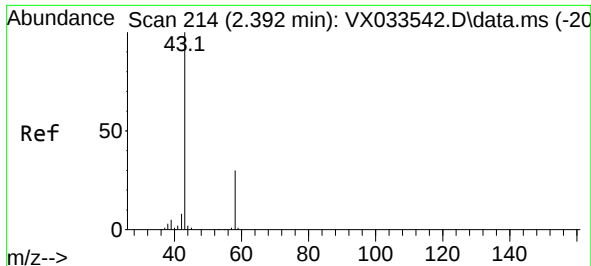
Tgt Ion:101 Resp: 49223
 Ion Ratio Lower Upper
 101 100
 85 43.8 35.0 52.6
 151 82.1 65.7 98.5



#12
 1,1-Dichloroethene
 Concen: 48.693 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX033542.D
 Acq: 22 Dec 2022 14:04

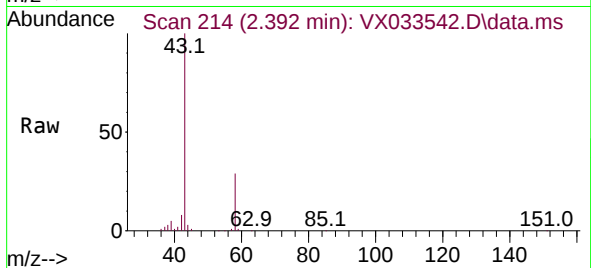
Tgt Ion: 96 Resp: 45224
 Ion Ratio Lower Upper
 96 100
 61 159.4 111.6 207.2
 63 155.1 108.6 201.6



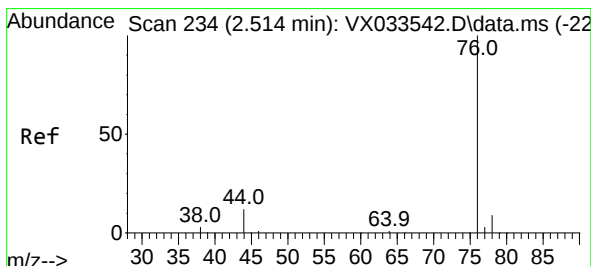
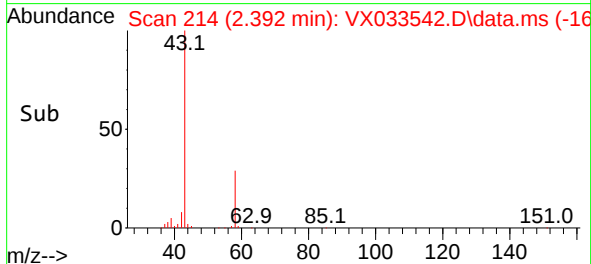
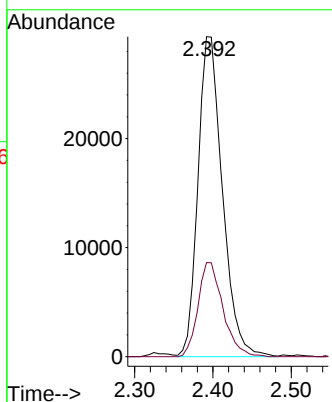


#13
Acetone
Concen: 104.734 ug/L
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX033542.D
Acq: 22 Dec 2022 14:04

Instrument :
MSVOA_X
ClientSampleId :

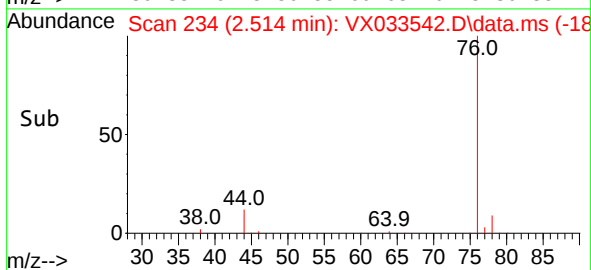
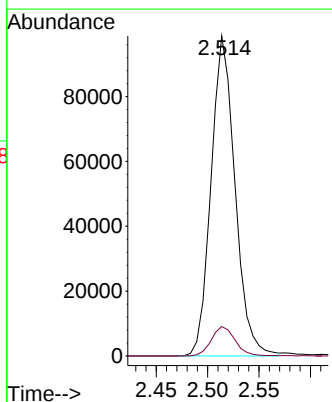
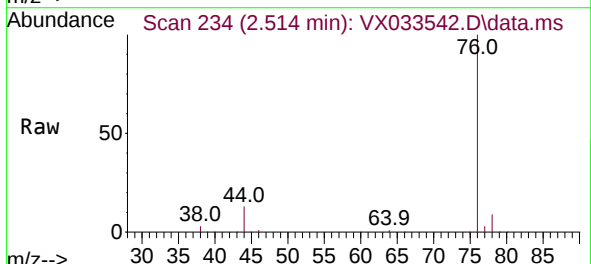


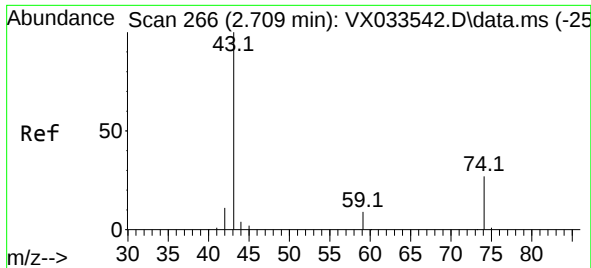
Tgt Ion: 43 Resp: 63678
Ion Ratio Lower Upper
43 100
58 30.0 0.0 60.0



#14
Carbon disulfide
Concen: 56.690 ug/L
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX033542.D
Acq: 22 Dec 2022 14:04

Tgt Ion: 76 Resp: 160216
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

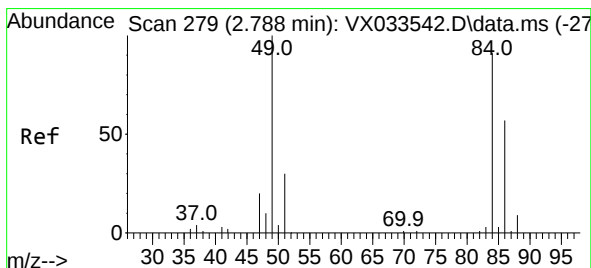
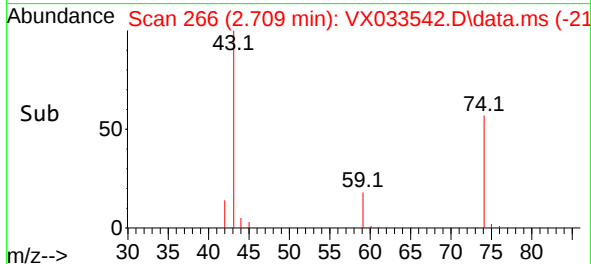
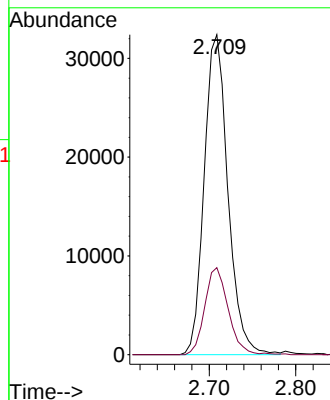
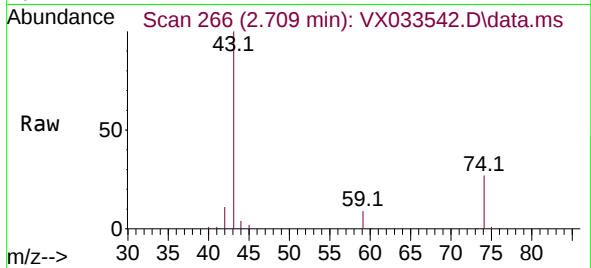




#15
Methyl Acetate
Concen: 50.686 ug/L
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX033542.D
Acq: 22 Dec 2022 14:04

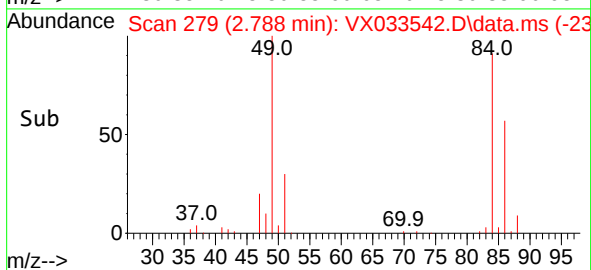
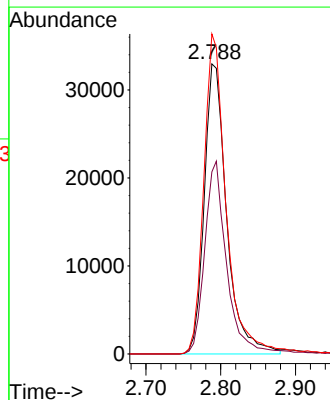
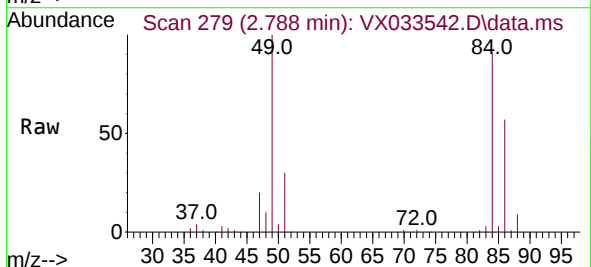
Instrument :
MSVOA_X
ClientSampleId :

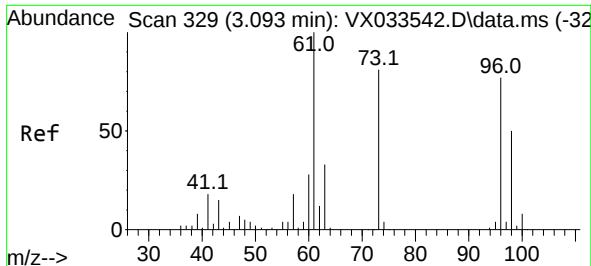
Tgt Ion: 43 Resp: 61615
Ion Ratio Lower Upper
43 100
74 26.7 21.4 32.0



#16
Methylene chloride
Concen: 49.501 ug/L
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX033542.D
Acq: 22 Dec 2022 14:04

Tgt Ion: 84 Resp: 68825
Ion Ratio Lower Upper
84 100
86 62.8 44.0 81.6
49 110.3 77.2 143.4

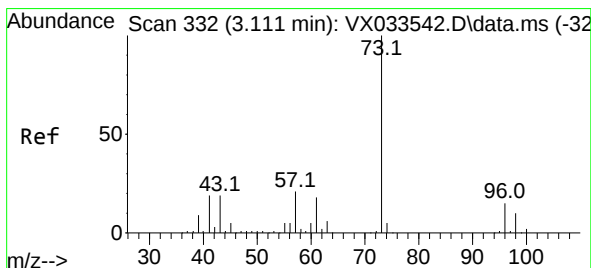
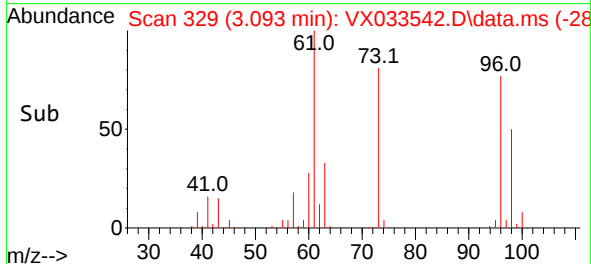
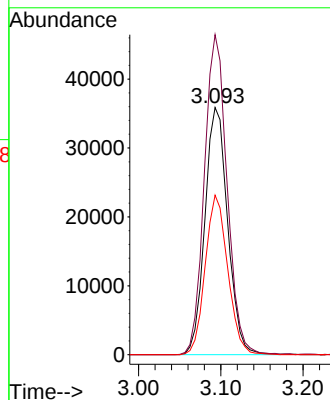
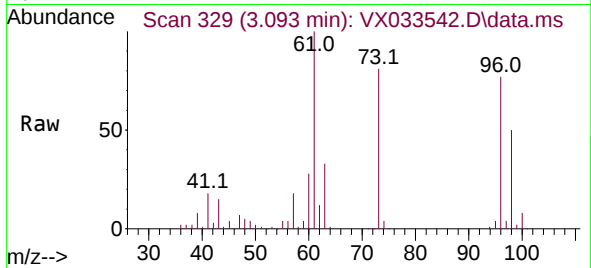




#17
 trans-1,2-Dichloroethene
 Concen: 50.287 ug/L
 RT: 3.093 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VX033542.D
 Acq: 22 Dec 2022 14:04

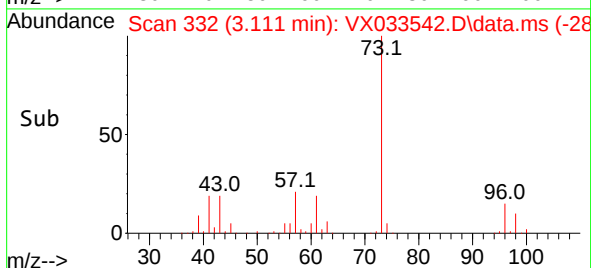
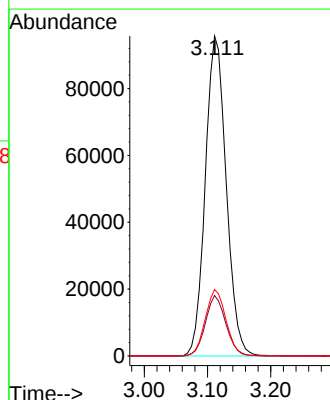
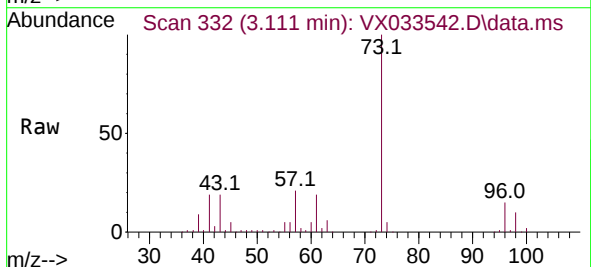
Instrument :
 MSVOA_X
 ClientSampleId :

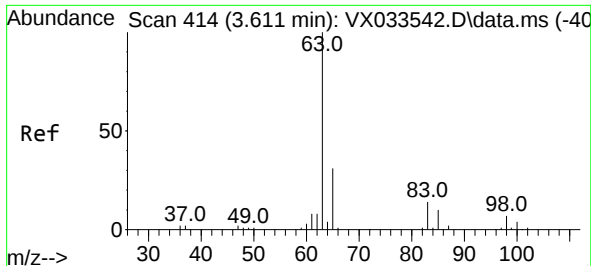
Tgt Ion: 96 Resp: 69180
 Ion Ratio Lower Upper
 96 100
 61 129.4 90.6 168.2
 98 64.5 45.1 83.9



#18
 Methyl tert-butyl Ether
 Concen: 50.474 ug/L
 RT: 3.111 min Scan# 332
 Delta R.T. 0.000 min
 Lab File: VX033542.D
 Acq: 22 Dec 2022 14:04

Tgt Ion: 73 Resp: 220075
 Ion Ratio Lower Upper
 73 100
 43 18.4 14.7 22.1
 57 20.5 16.4 24.6





#19

1,1-Dichloroethane

Concen: 50.897 ug/L

RT: 3.611 min Scan# 414

Delta R.T. 0.000 min

Lab File: VX033542.D

Acq: 22 Dec 2022 14:04

Instrument :

MSVOA_X

ClientSampleId :

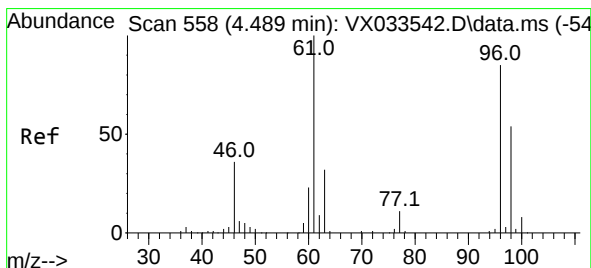
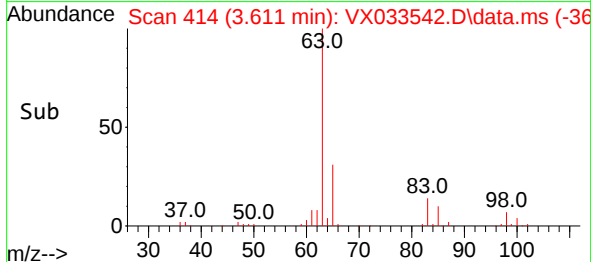
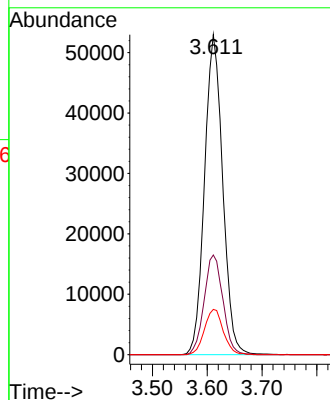
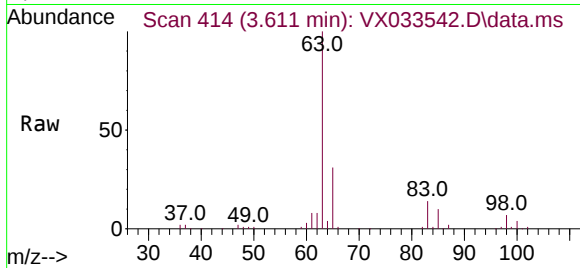
Tgt Ion: 63 Resp: 121527

Ion Ratio Lower Upper

63 100

65 31.2 21.8 40.6

83 14.2 9.9 18.5



#20

cis-1,2-Dichloroethene

Concen: 49.744 ug/L

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX033542.D

Acq: 22 Dec 2022 14:04

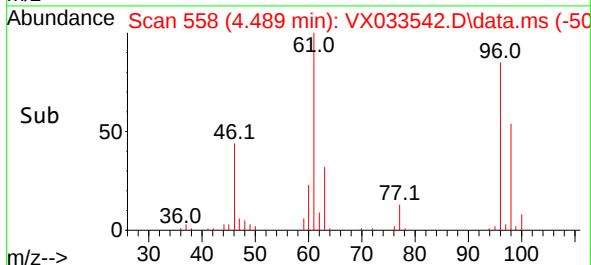
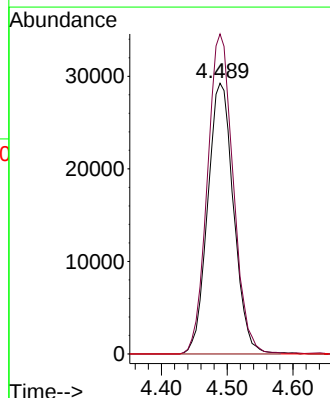
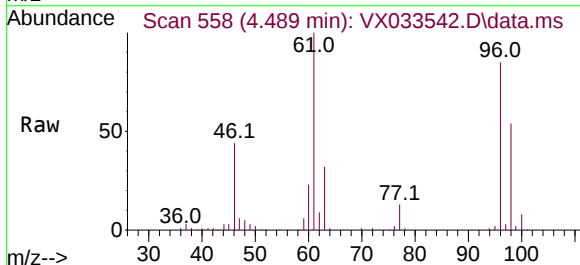
Tgt Ion: 96 Resp: 80206

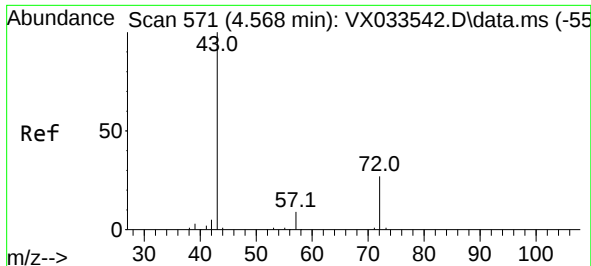
Ion Ratio Lower Upper

96 100

61 118.2 82.7 153.7

68 0.0 0.0 0.0

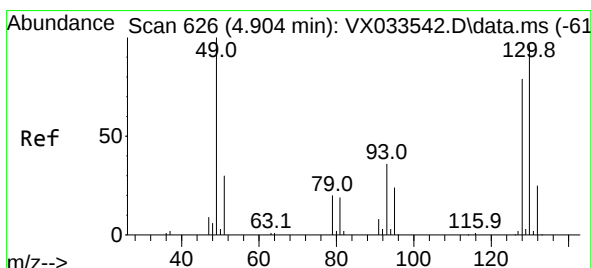
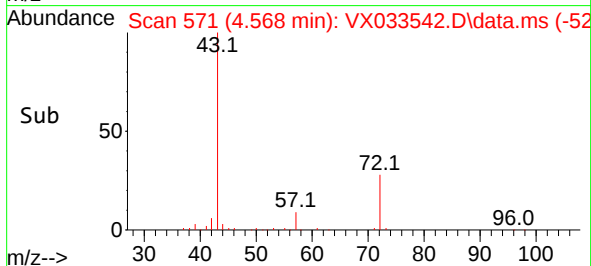
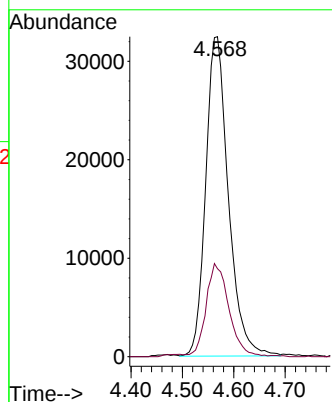
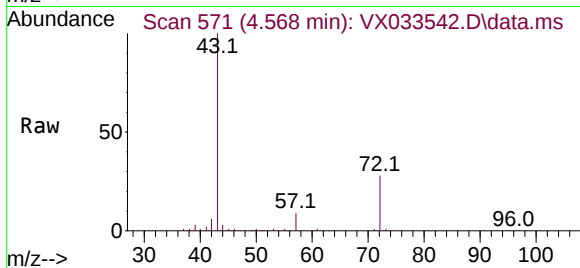




#22
2-Butanone
Concen: 99.431 ug/L
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX033542.D
Acq: 22 Dec 2022 14:04

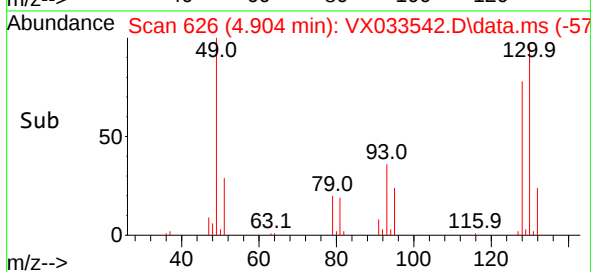
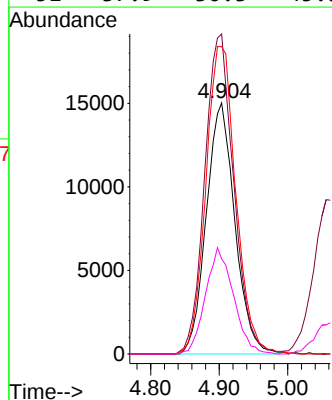
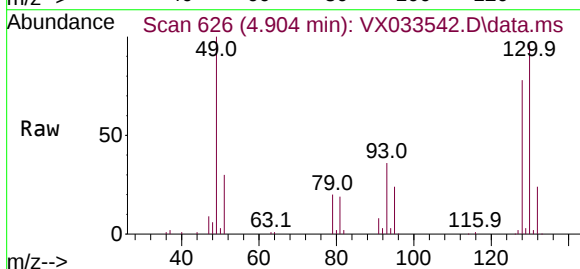
Instrument :
MSVOA_X
ClientSampleId :

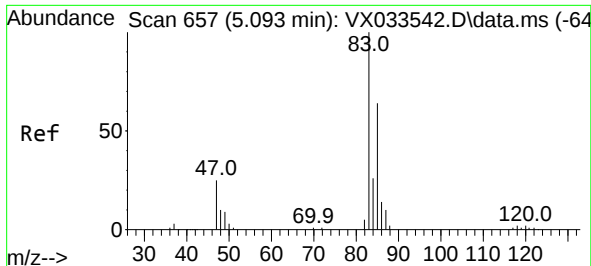
Tgt Ion: 43 Resp: 99565
Ion Ratio Lower Upper
43 100
72 29.3 14.6 44.0



#23
Bromochloromethane
Concen: 50.376 ug/L
RT: 4.904 min Scan# 626
Delta R.T. 0.000 min
Lab File: VX033542.D
Acq: 22 Dec 2022 14:04

Tgt Ion: 128 Resp: 43479
Ion Ratio Lower Upper
128 100
49 127.5 89.2 165.8
130 122.5 85.8 159.3
51 37.9 30.3 45.5





#25

Chloroform

Concen: 50.803 ug/L

RT: 5.093 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX033542.D

Acq: 22 Dec 2022 14:04

Instrument :

MSVOA_X

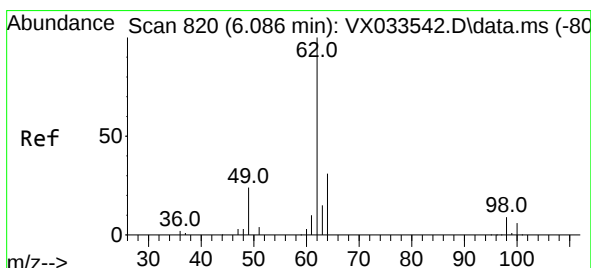
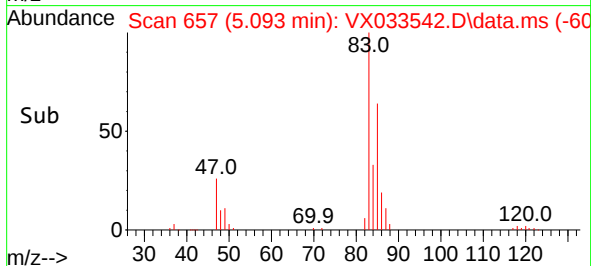
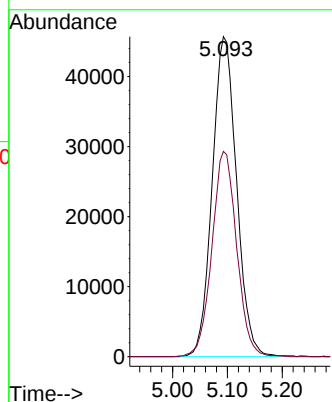
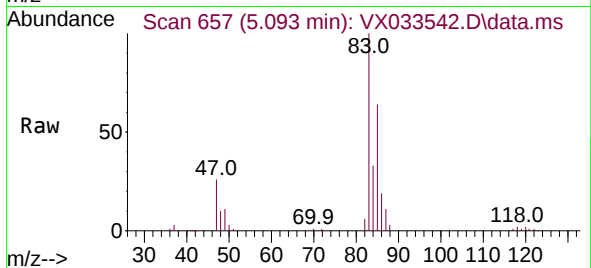
ClientSampleId :

Tgt Ion: 83 Resp: 140952

Ion Ratio Lower Upper

83 100

85 64.1 44.9 83.3



#27

1,2-Dichloroethane

Concen: 50.443 ug/L

RT: 6.086 min Scan# 820

Delta R.T. 0.000 min

Lab File: VX033542.D

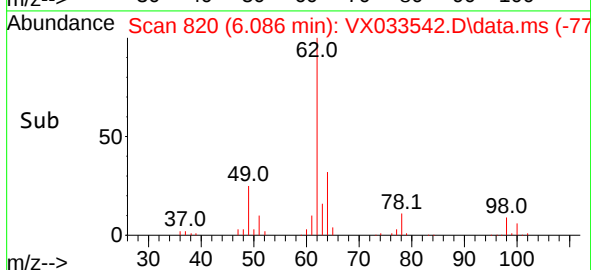
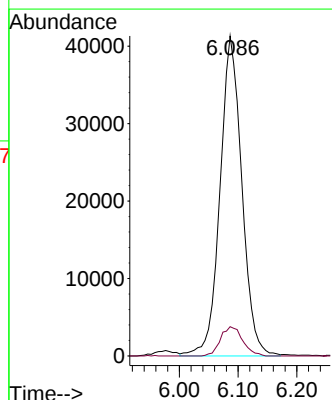
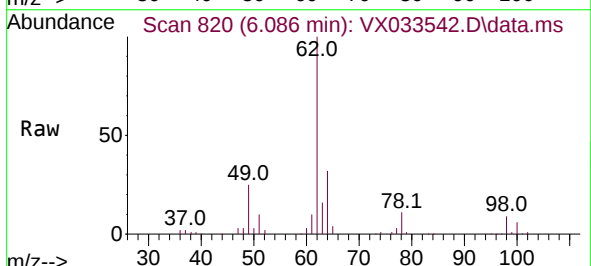
Acq: 22 Dec 2022 14:04

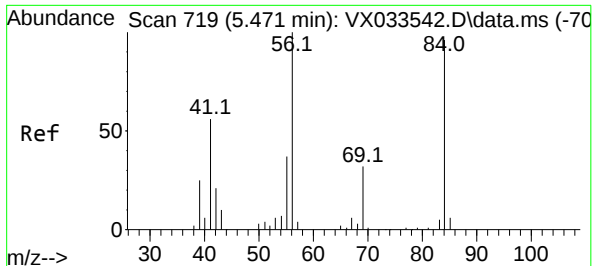
Tgt Ion: 62 Resp: 106757

Ion Ratio Lower Upper

62 100

98 9.2 7.4 11.0





#29

Cyclohexane

Concen: 50.596 ug/L

RT: 5.471 min Scan# 719

Delta R.T. 0.000 min

Lab File: VX033542.D

Acq: 22 Dec 2022 14:04

Instrument :

MSVOA_X

ClientSampleId :

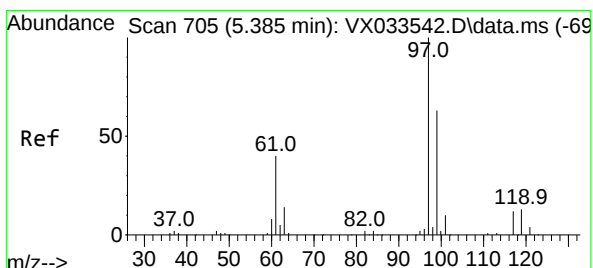
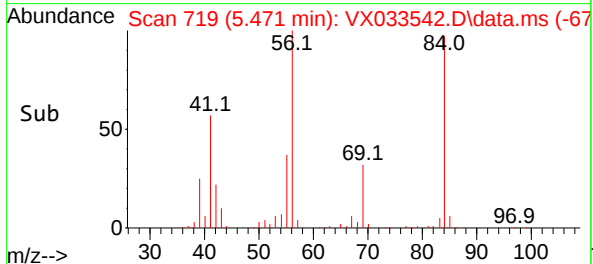
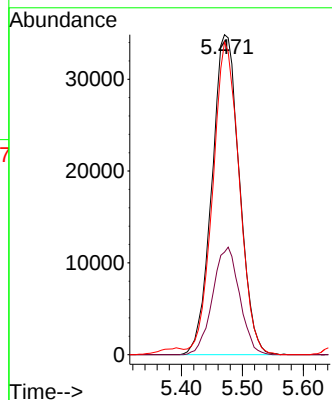
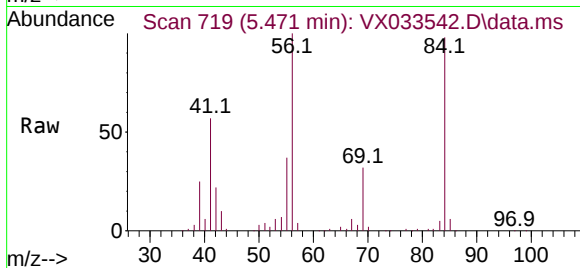
Tgt Ion: 56 Resp: 109357

Ion Ratio Lower Upper

56 100

69 32.9 26.3 39.5

84 94.5 75.6 113.4



#30

1,1,1-Trichloroethane

Concen: 49.743 ug/L

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX033542.D

Acq: 22 Dec 2022 14:04

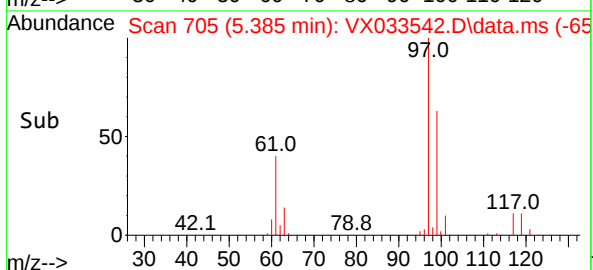
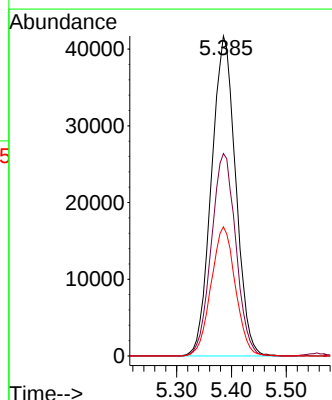
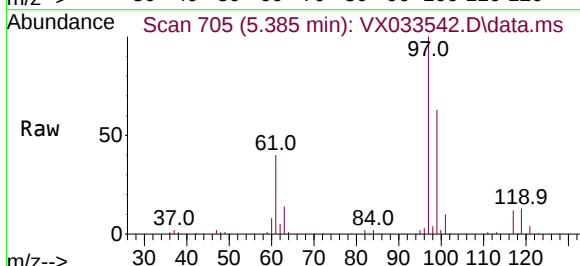
Tgt Ion: 97 Resp: 127936

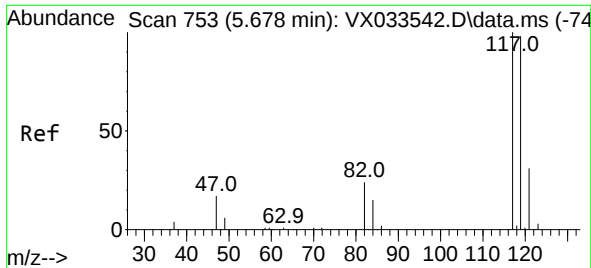
Ion Ratio Lower Upper

97 100

99 64.1 51.3 76.9

61 40.5 32.4 48.6

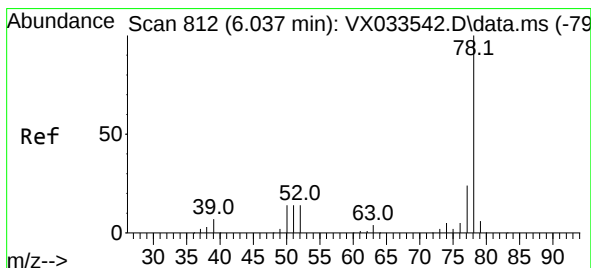
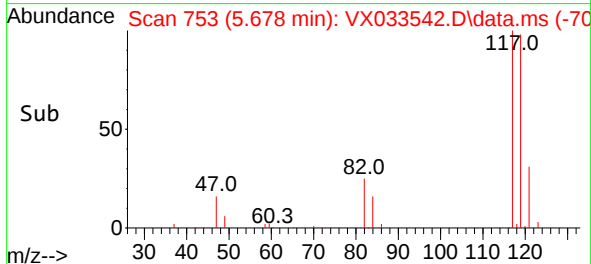
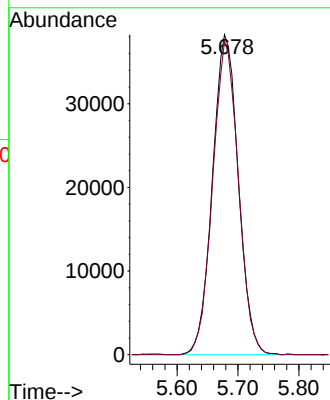
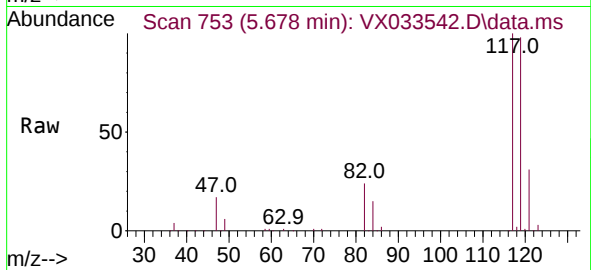




#31
Carbon tetrachloride
Concen: 49.384 ug/L
RT: 5.678 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX033542.D
Acq: 22 Dec 2022 14:04

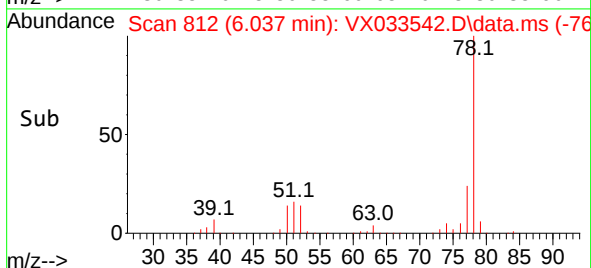
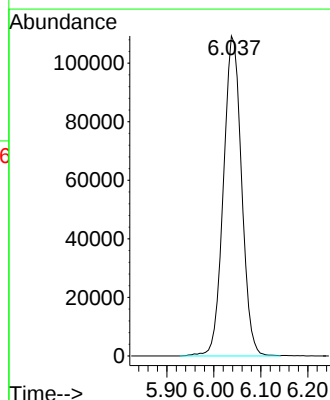
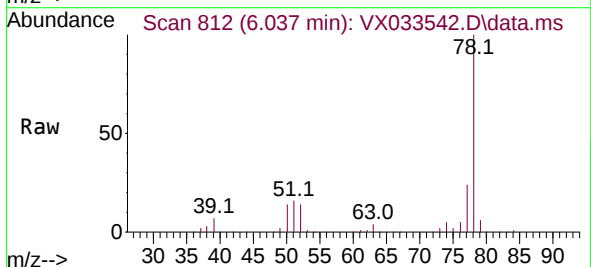
Instrument :
MSVOA_X
ClientSampleId :

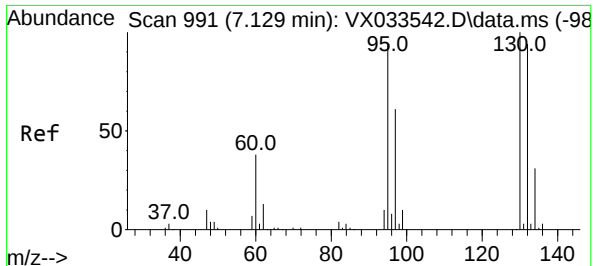
Tgt Ion:117 Resp: 112720
Ion Ratio Lower Upper
117 100
119 97.4 77.9 116.9



#33
Benzene
Concen: 50.014 ug/L
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX033542.D
Acq: 22 Dec 2022 14:04

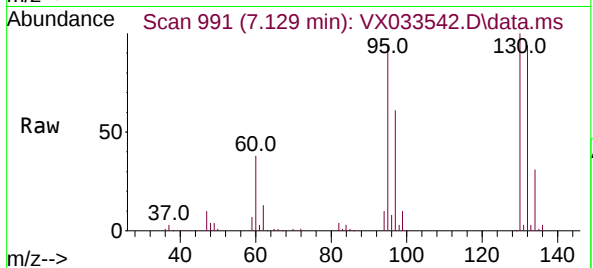
Tgt Ion: 78 Resp: 293956



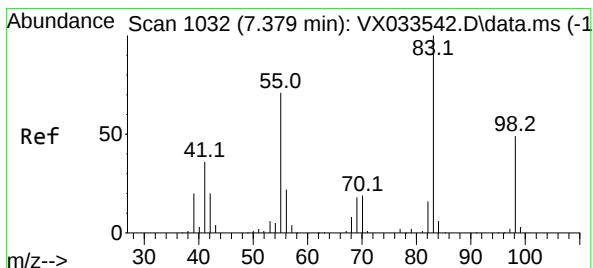
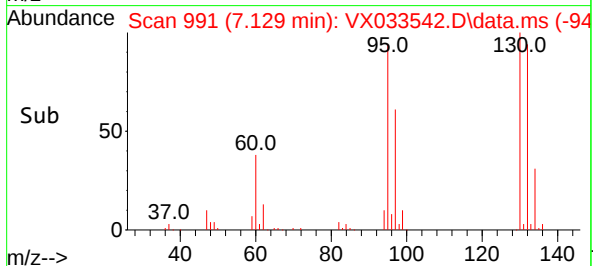
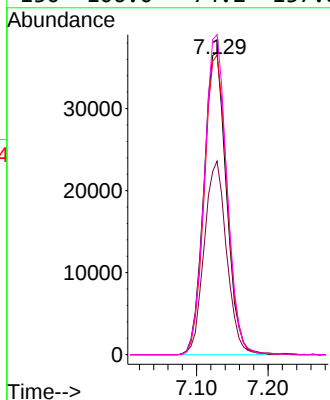


#34
Trichloroethene
Concen: 49.638 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX033542.D
Acq: 22 Dec 2022 14:04

Instrument :
MSVOA_X
ClientSampleId :

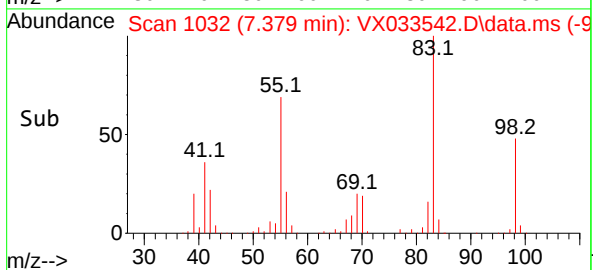
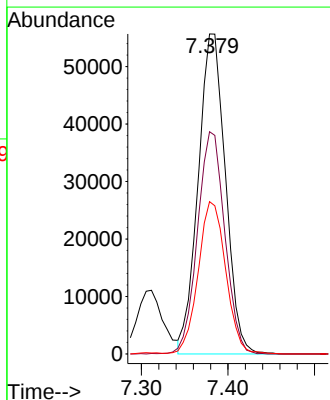
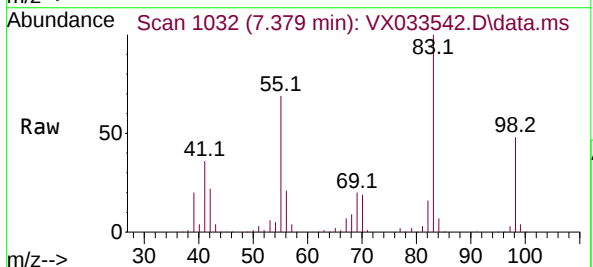


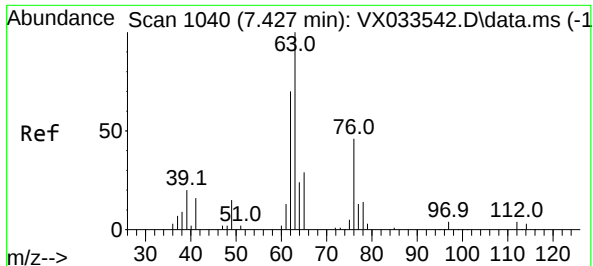
Tgt Ion: 95 Resp: 81352
Ion Ratio Lower Upper
95 100
97 64.1 44.9 83.3
132 99.3 69.5 129.1
130 106.0 74.2 137.8



#35
Methylcyclohexane
Concen: 50.695 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX033542.D
Acq: 22 Dec 2022 14:04

Tgt Ion: 83 Resp: 121764
Ion Ratio Lower Upper
83 100
55 69.5 55.6 83.4
98 48.2 38.6 57.8





#37

1,2-Dichloropropane

Concen: 49.712 ug/L

RT: 7.427 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX033542.D

Acq: 22 Dec 2022 14:04

Instrument :

MSVOA_X

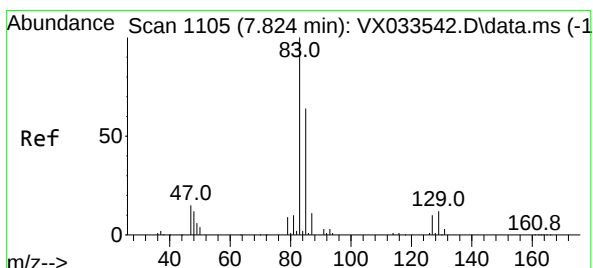
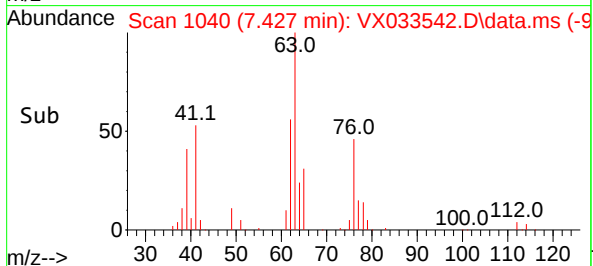
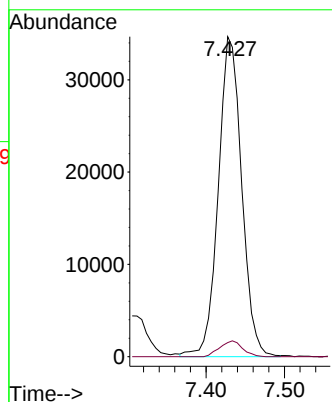
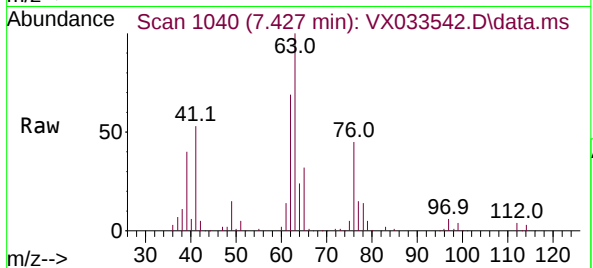
ClientSampleId :

Tgt Ion: 63 Resp: 72051

Ion Ratio Lower Upper

63 100

112 4.8 3.8 5.8



#38

Bromodichloromethane

Concen: 49.716 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX033542.D

Acq: 22 Dec 2022 14:04

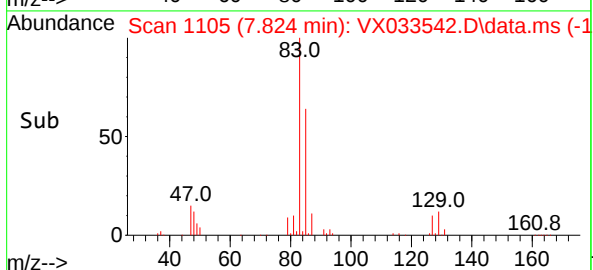
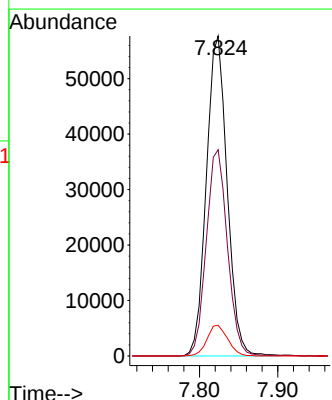
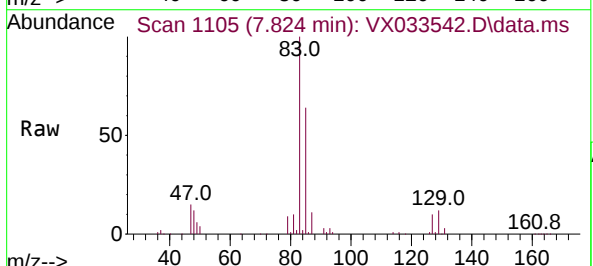
Tgt Ion: 83 Resp: 106338

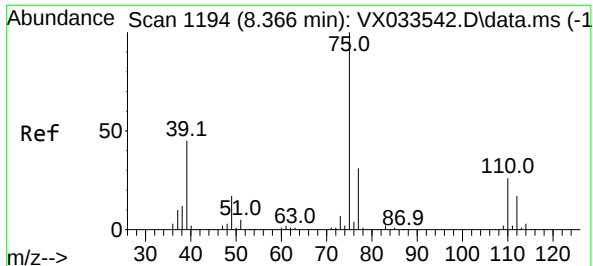
Ion Ratio Lower Upper

83 100

85 64.5 45.1 83.9

127 9.6 7.7 11.5





#39

cis-1,3-Dichloropropene

Concen: 51.220 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX033542.D

Acq: 22 Dec 2022 14:04

Instrument :

MSVOA_X

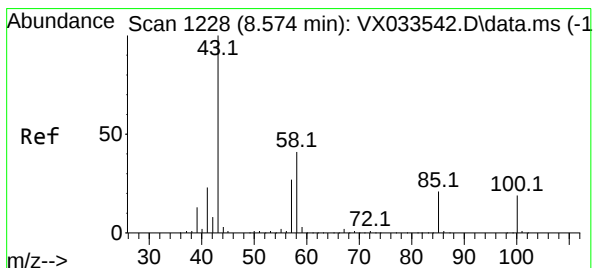
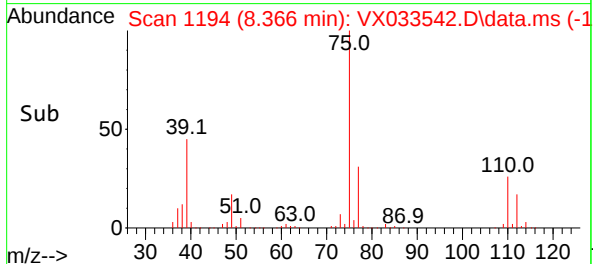
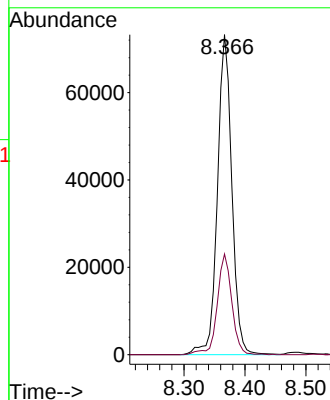
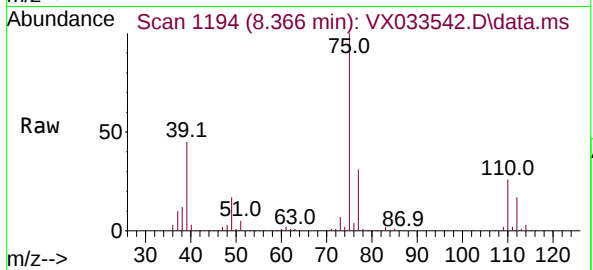
ClientSampleId :

Tgt Ion: 75 Resp: 120619

Ion Ratio Lower Upper

75 100

77 31.5 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 102.315 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX033542.D

Acq: 22 Dec 2022 14:04

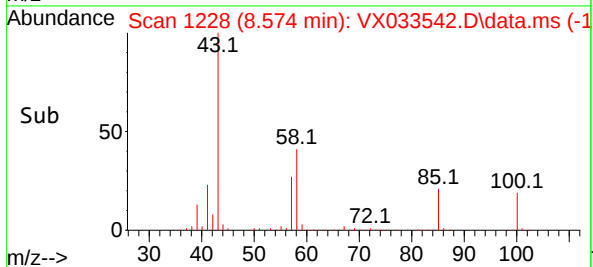
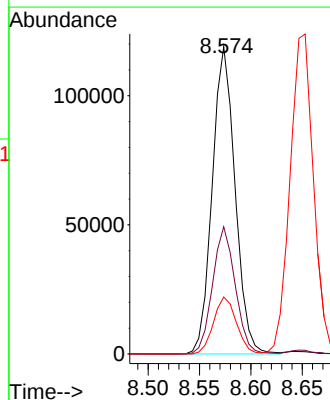
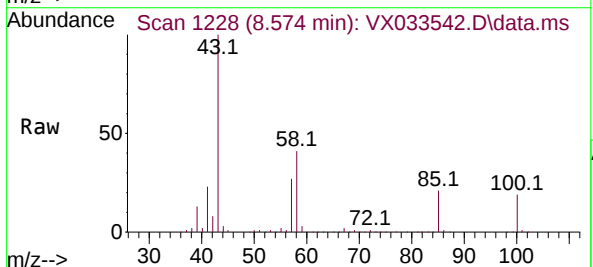
Tgt Ion: 43 Resp: 183652

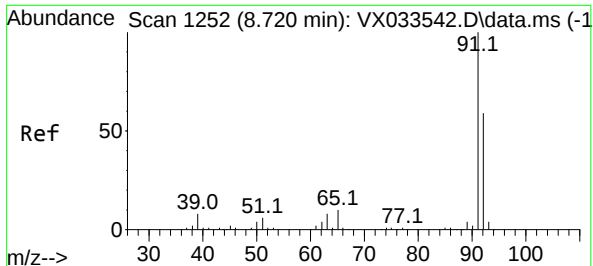
Ion Ratio Lower Upper

43 100

58 41.1 32.9 49.3

100 18.6 14.9 22.3





#42

Toluene

Concen: 50.042 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX033542.D

Acq: 22 Dec 2022 14:04

Instrument :

MSVOA_X

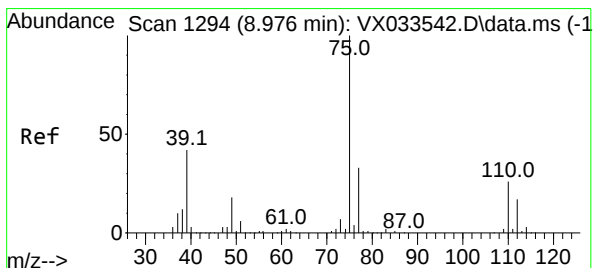
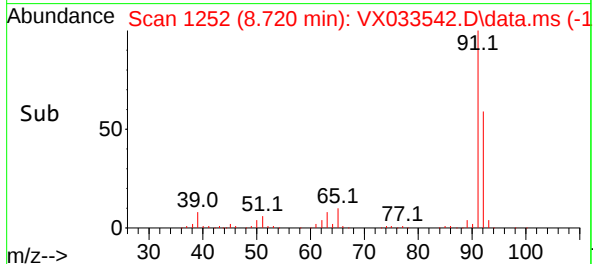
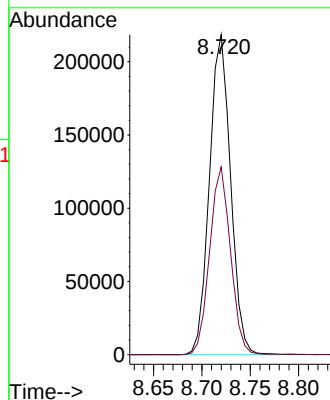
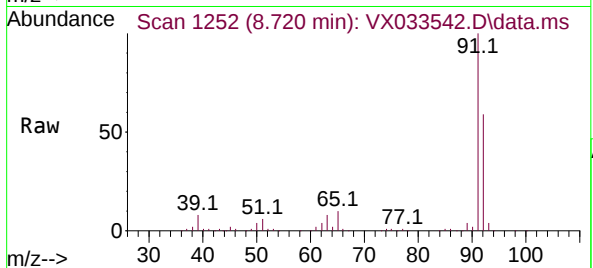
ClientSampleId :

Tgt Ion: 91 Resp: 332427

Ion Ratio Lower Upper

91 100

92 58.7 41.1 76.3



#44

trans-1,3-Dichloropropene

Concen: 51.014 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX033542.D

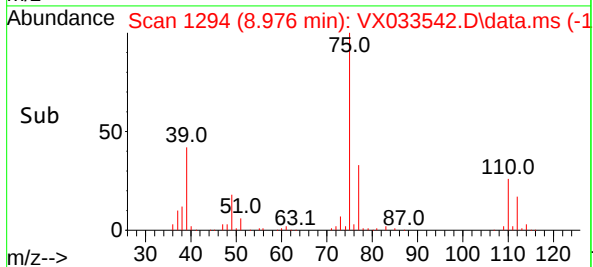
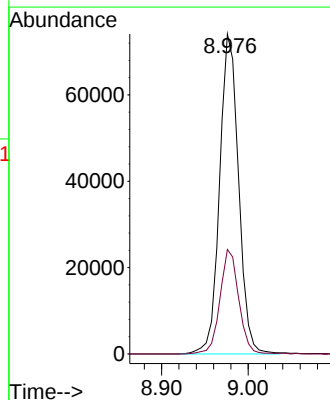
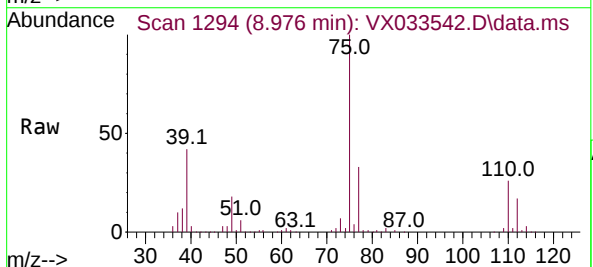
Acq: 22 Dec 2022 14:04

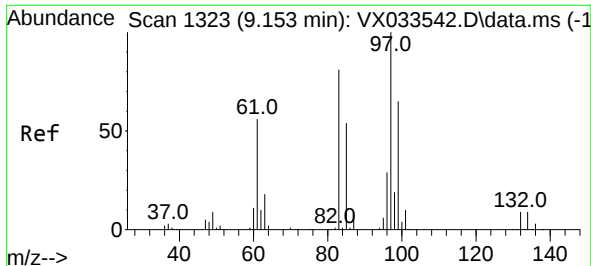
Tgt Ion: 75 Resp: 112793

Ion Ratio Lower Upper

75 100

77 32.6 22.8 42.4

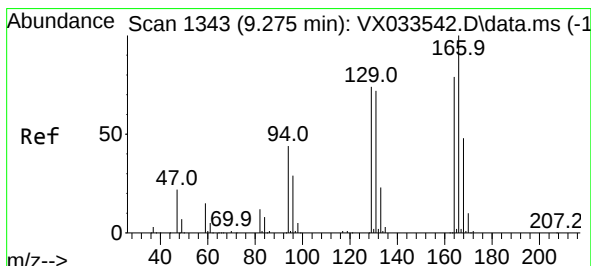
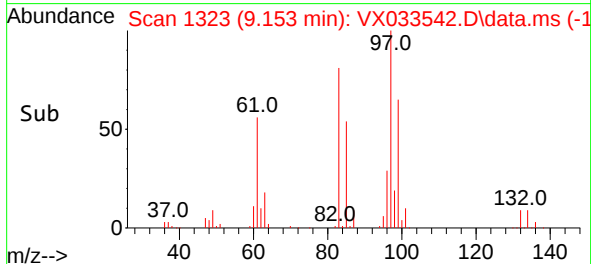
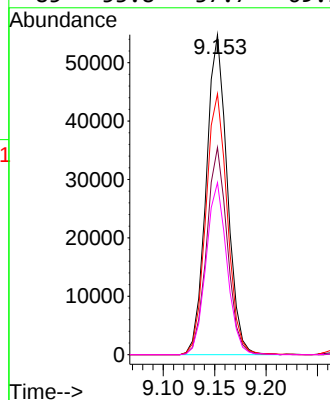
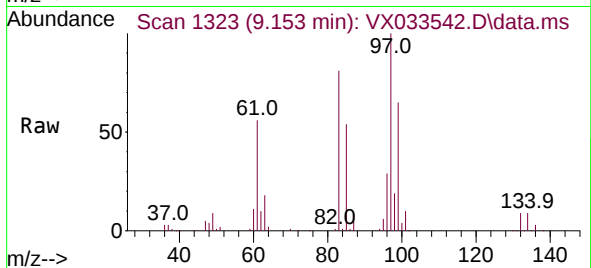




#45
1,1,2-Trichloroethane
Concen: 49.823 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX033542.D
Acq: 22 Dec 2022 14:04

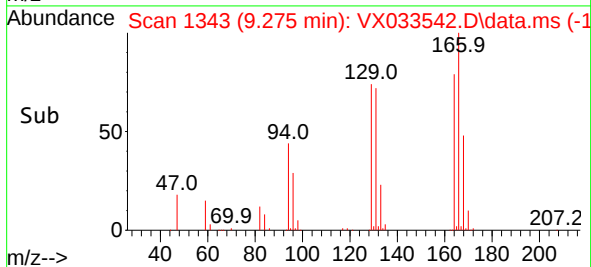
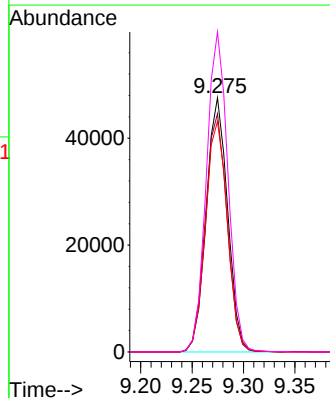
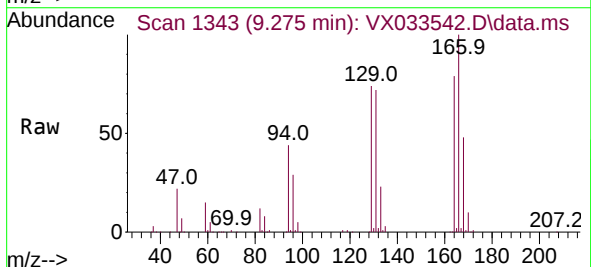
Instrument :
MSVOA_X
ClientSampleId :

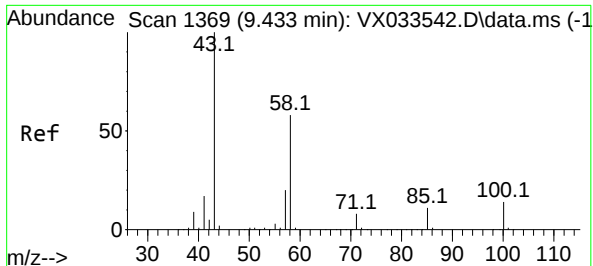
Tgt Ion: 97	Resp: 78168
Ion Ratio	Lower Upper
97 100	
99 64.8	45.4 84.2
83 81.5	57.0 105.9
85 53.8	37.7 69.9



#46
Tetrachloroethene
Concen: 49.762 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX033542.D
Acq: 22 Dec 2022 14:04

Tgt	Ion:164	Resp:	68832
Ion	Ratio	Lower	Upper
164	100		
129	93.7	65.6	121.8
131	90.7	63.5	117.9
166	125.9	88.1	163.7





#48

2-Hexanone

Concen: 102.897 ug/L

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

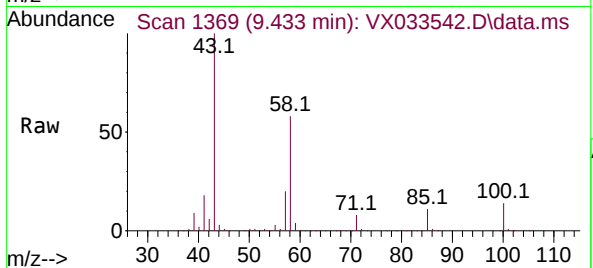
Lab File: VX033542.D

Acq: 22 Dec 2022 14:04

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 43 Resp: 146694

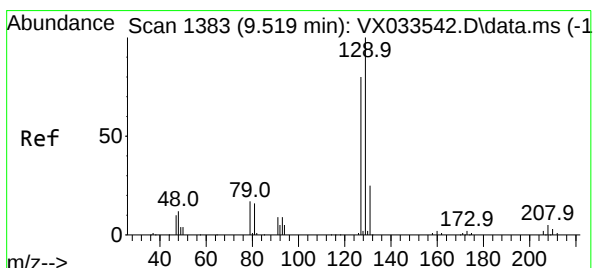
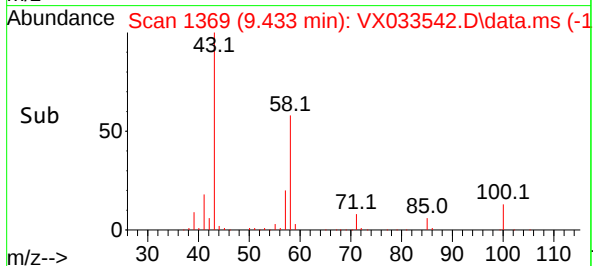
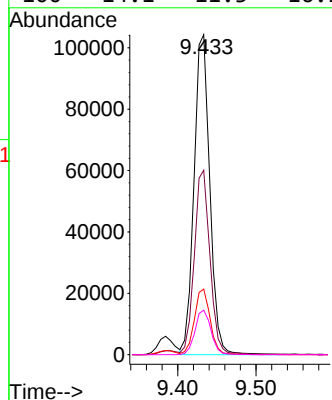
Ion Ratio Lower Upper

43 100

58 55.7 44.6 66.8

57 20.5 16.4 24.6

100 14.1 11.3 16.9



#49

Dibromochloromethane

Concen: 49.725 ug/L

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX033542.D

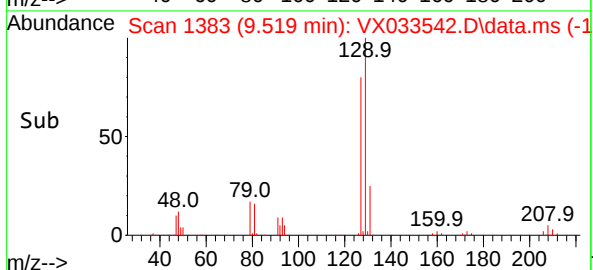
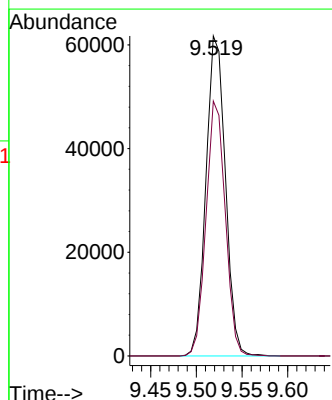
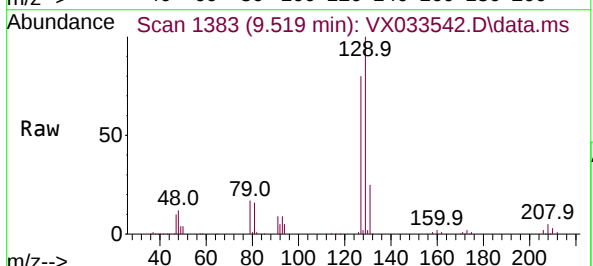
Acq: 22 Dec 2022 14:04

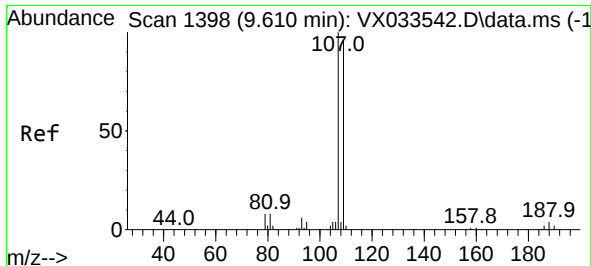
Tgt Ion: 129 Resp: 91105

Ion Ratio Lower Upper

129 100

127 79.7 55.8 103.6





#50

1,2-Dibromoethane

Concen: 49.898 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX033542.D

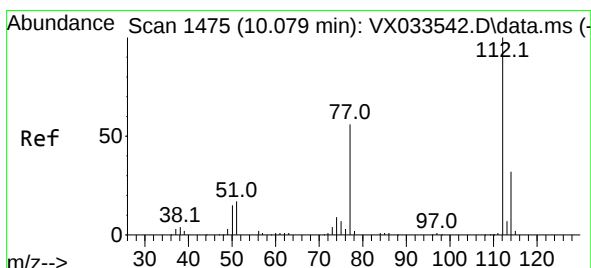
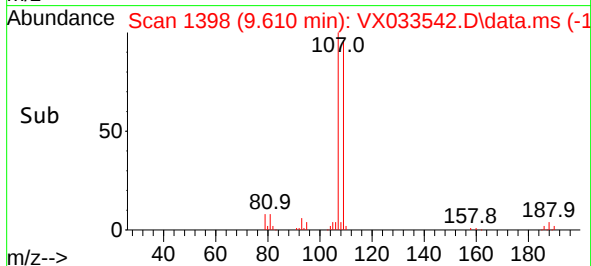
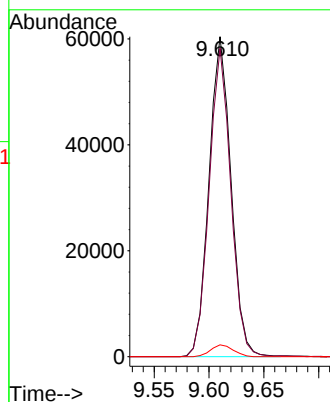
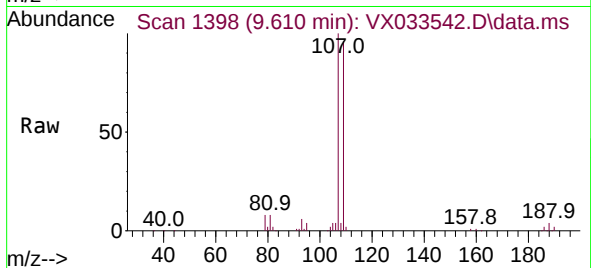
Acq: 22 Dec 2022 14:04

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:107	Resp:	84507
Ion Ratio	Lower	Upper
107	100	
109	96.4	67.5 125.3
188	3.7	3.0 4.4



#51

Chlorobenzene

Concen: 49.612 ug/L

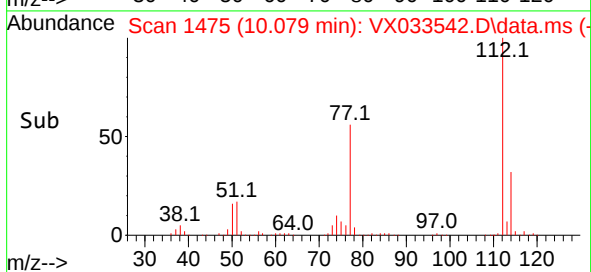
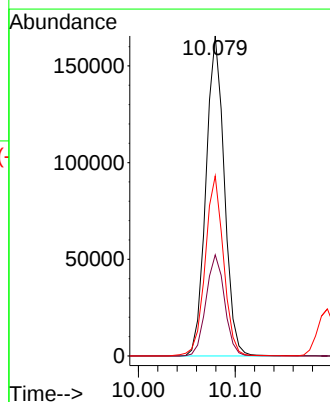
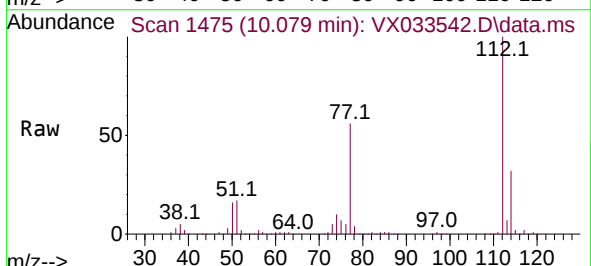
RT: 10.079 min Scan# 1475

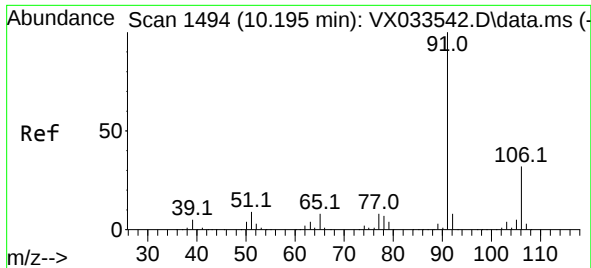
Delta R.T. 0.000 min

Lab File: VX033542.D

Acq: 22 Dec 2022 14:04

Tgt Ion:112	Resp:	218698
Ion Ratio	Lower	Upper
112	100	
114	31.6	22.1 41.1
77	56.2	45.0 67.4

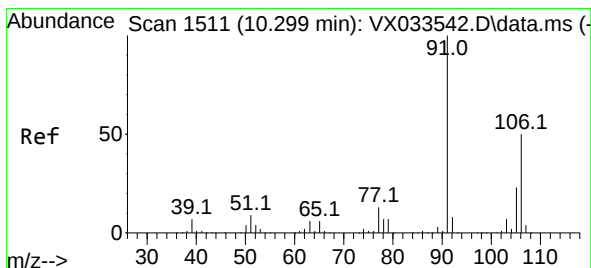
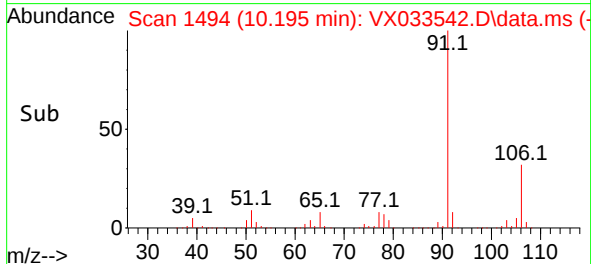
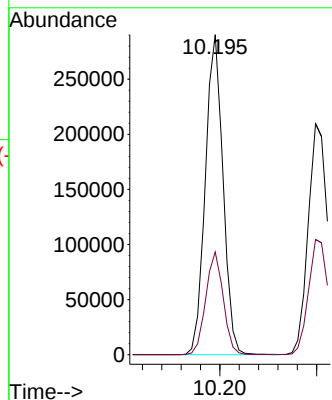
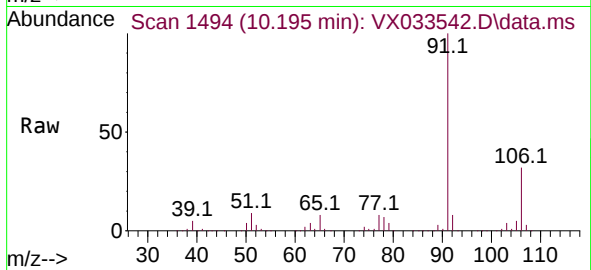




#52
Ethylbenzene
Concen: 50.727 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033542.D
Acq: 22 Dec 2022 14:04

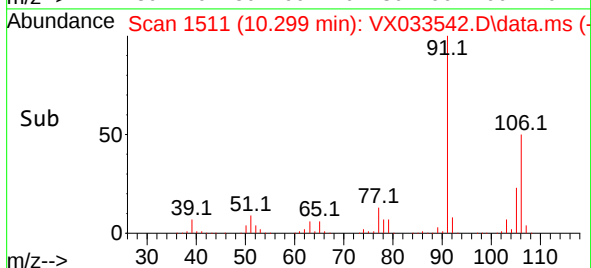
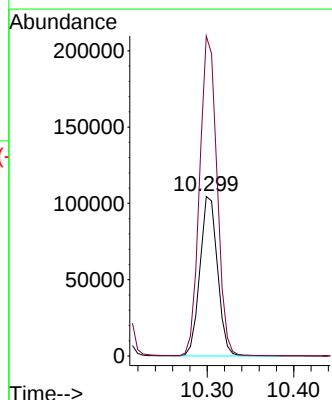
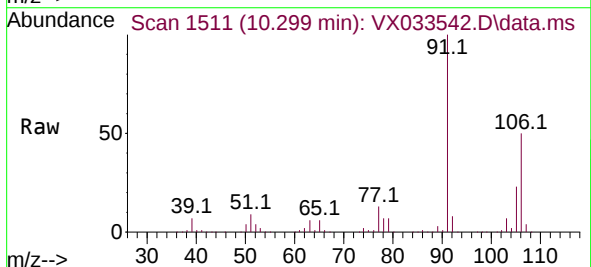
Instrument :
MSVOA_X
ClientSampleId :

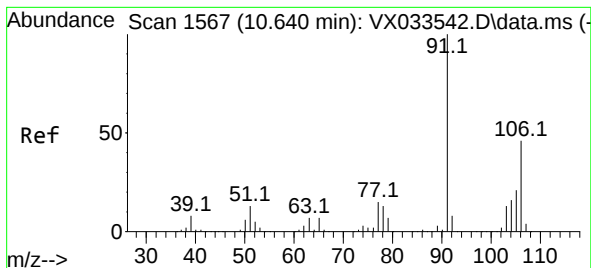
Tgt Ion: 91 Resp: 369172
Ion Ratio Lower Upper
91 100
106 32.1 22.5 41.7



#53
m,p-Xylene
Concen: 50.712 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX033542.D
Acq: 22 Dec 2022 14:04

Tgt Ion: 106 Resp: 147202
Ion Ratio Lower Upper
106 100
91 200.6 140.4 260.8





#54

o-Xylene

Concen: 50.237 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX033542.D

Acq: 22 Dec 2022 14:04

Instrument :

MSVOA_X

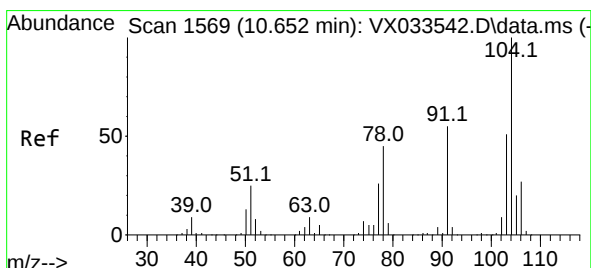
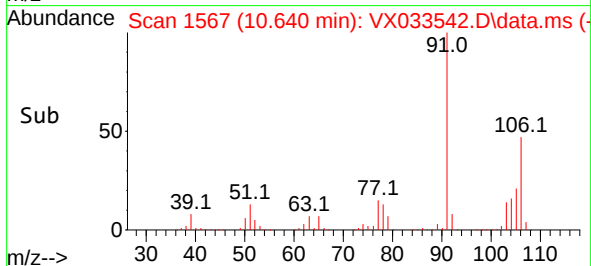
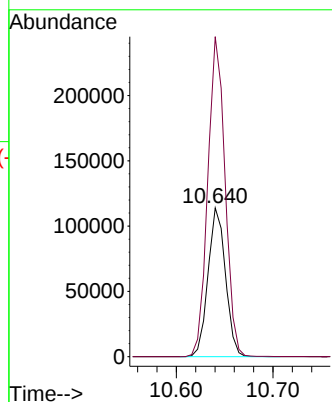
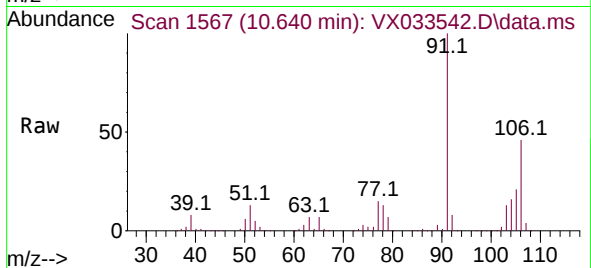
ClientSampleId :

Tgt Ion:106 Resp: 142619

Ion Ratio Lower Upper

106 100

91 215.1 150.6 279.6



#55

Styrene

Concen: 51.210 ug/L

RT: 10.652 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX033542.D

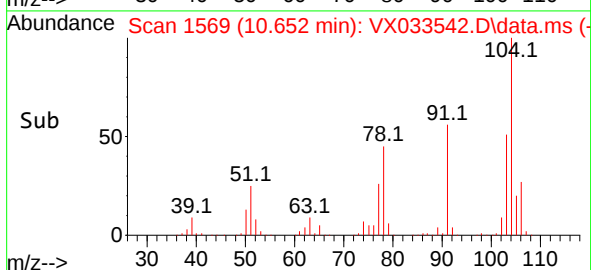
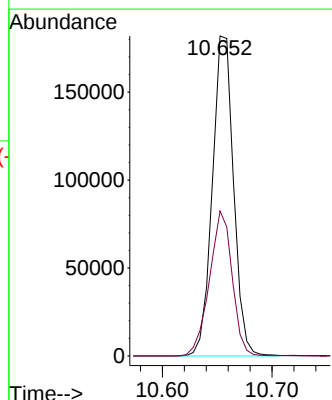
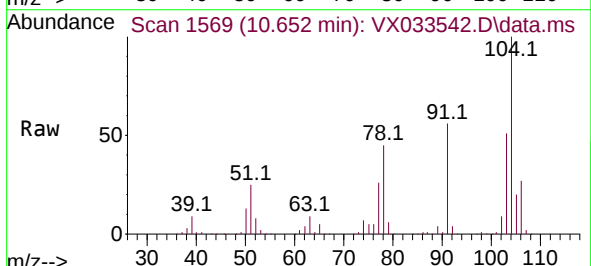
Acq: 22 Dec 2022 14:04

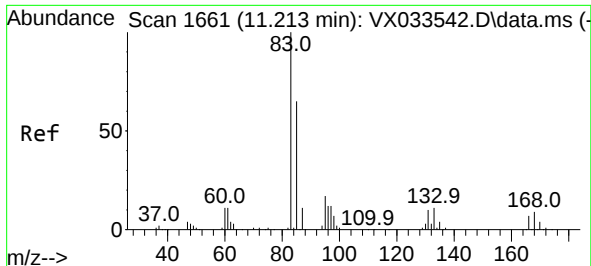
Tgt Ion:104 Resp: 245014

Ion Ratio Lower Upper

104 100

78 45.3 31.7 58.9





#57

1,1,2,2-Tetrachloroethane

Concen: 51.014 ug/L

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX033542.D

Acq: 22 Dec 2022 14:04

Instrument :

MSVOA_X

ClientSampleId :

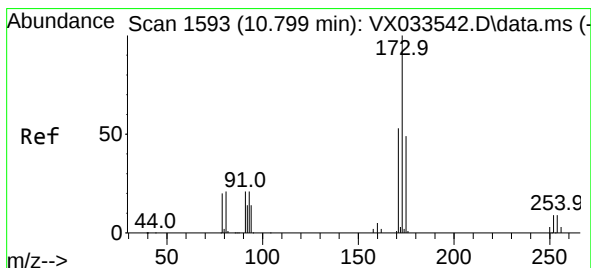
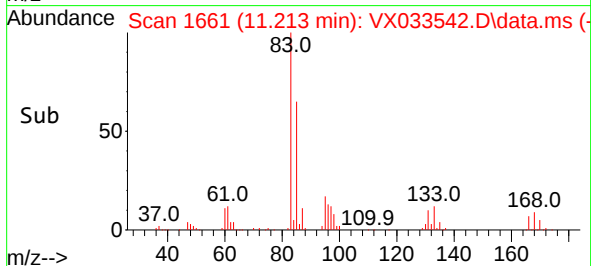
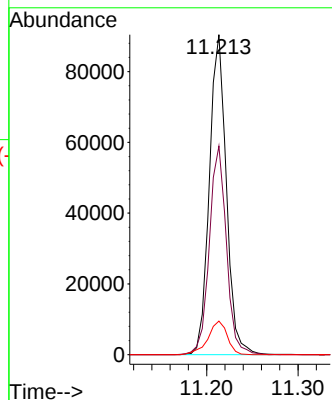
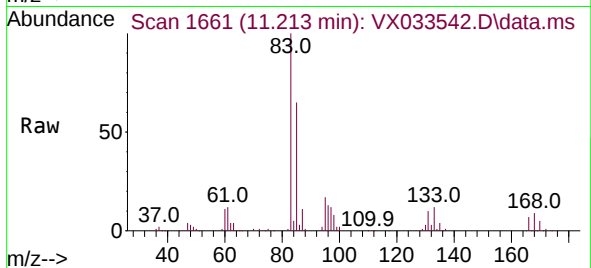
Tgt Ion: 83 Resp: 117034

Ion Ratio Lower Upper

83 100

85 65.2 45.6 84.8

131 10.5 8.4 12.6



#59

Bromoform

Concen: 48.934 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX033542.D

Acq: 22 Dec 2022 14:04

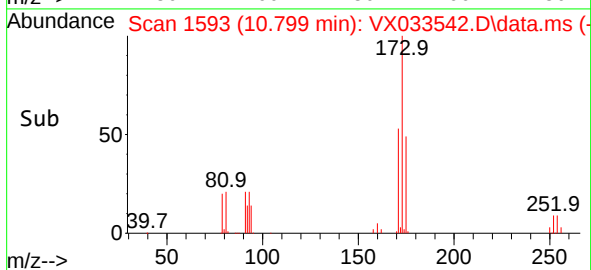
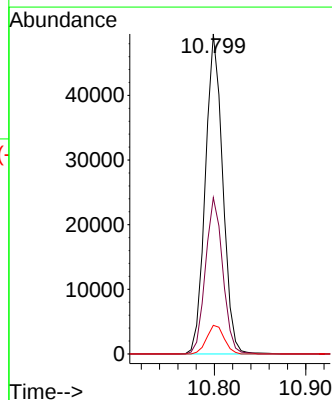
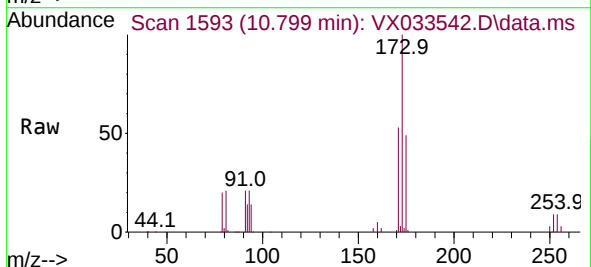
Tgt Ion:173 Resp: 65232

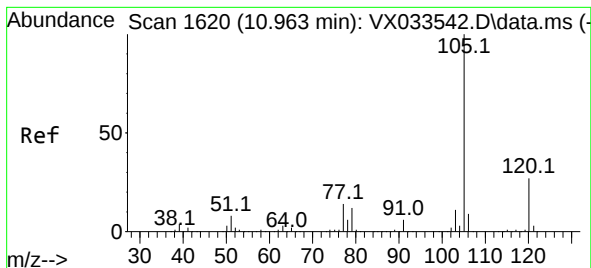
Ion Ratio Lower Upper

173 100

175 48.6 38.9 58.3

254 9.0 7.2 10.8





#60

Isopropylbenzene

Concen: 50.037 ug/L

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX033542.D

Acq: 22 Dec 2022 14:04

Instrument :

MSVOA_X

ClientSampleId :

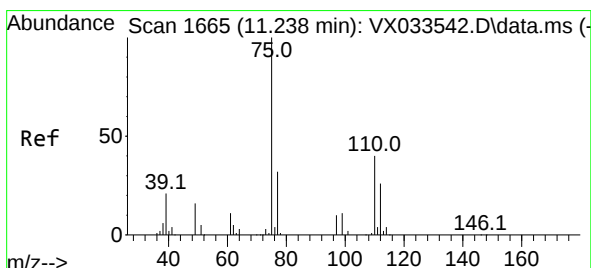
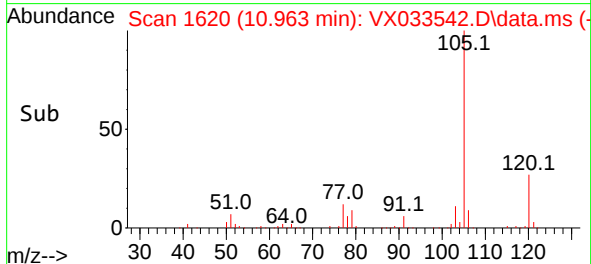
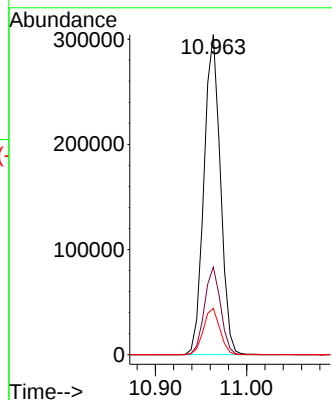
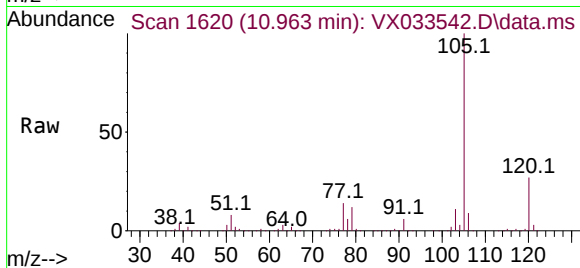
Tgt Ion:105 Resp: 378769

Ion Ratio Lower Upper

105 100

120 27.0 21.6 32.4

77 14.6 11.7 17.5



#61

1,2,3-Trichloropropane

Concen: 49.385 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX033542.D

Acq: 22 Dec 2022 14:04

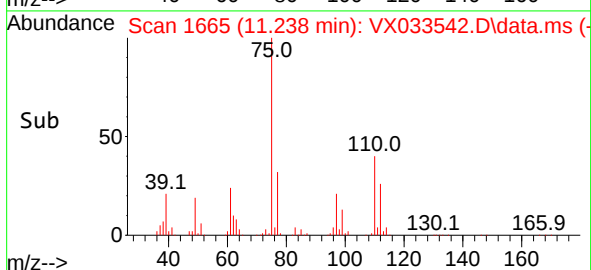
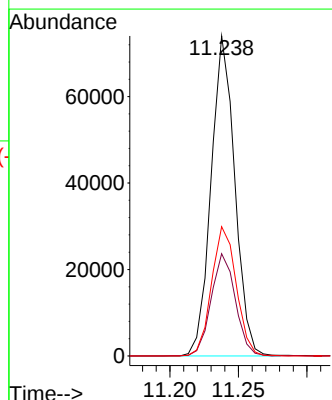
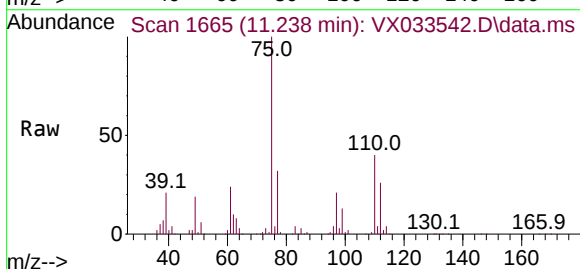
Tgt Ion: 75 Resp: 89048

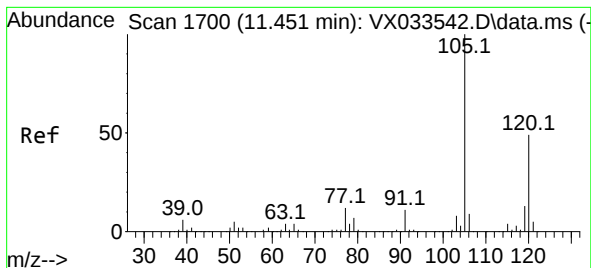
Ion Ratio Lower Upper

75 100

77 32.5 26.0 39.0

110 42.0 33.6 50.4





#62

1,3,5-Trimethylbenzene

Concen: 50.436 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX033542.D

Acq: 22 Dec 2022 14:04

Instrument :

MSVOA_X

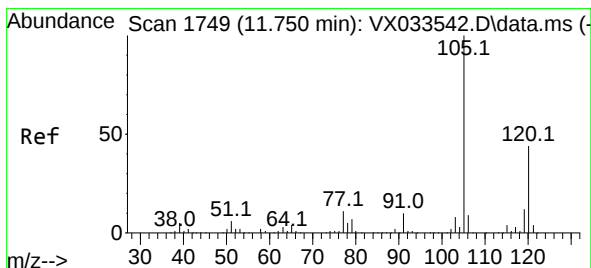
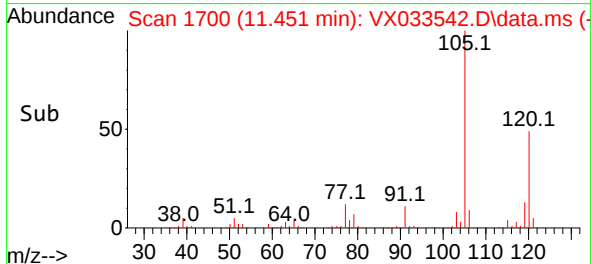
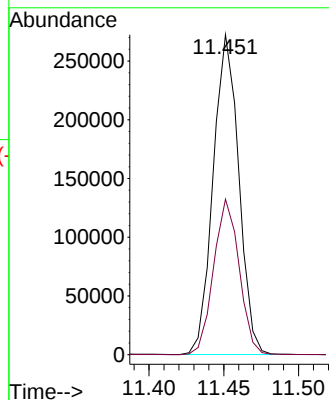
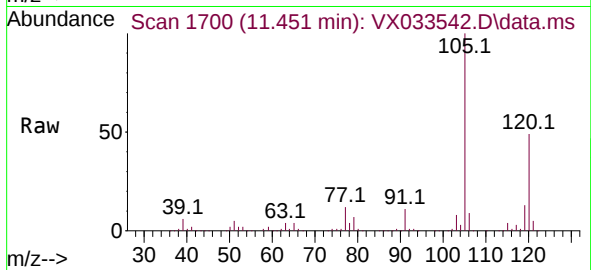
ClientSampleId :

Tgt Ion:105 Resp: 324322

Ion Ratio Lower Upper

105 100

120 48.5 38.8 58.2



#63

1,2,4-Trimethylbenzene

Concen: 50.959 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX033542.D

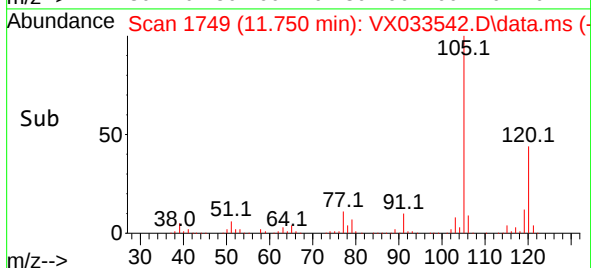
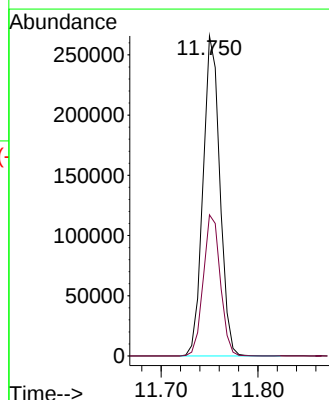
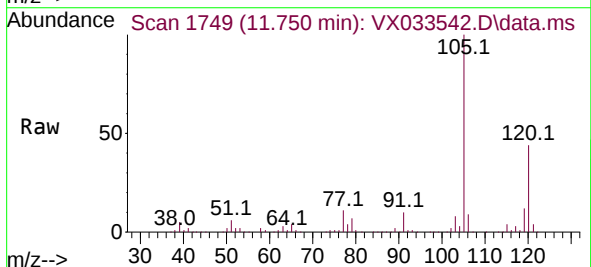
Acq: 22 Dec 2022 14:04

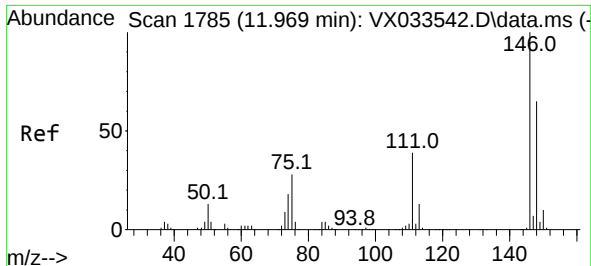
Tgt Ion:105 Resp: 322171

Ion Ratio Lower Upper

105 100

120 44.7 35.8 53.6

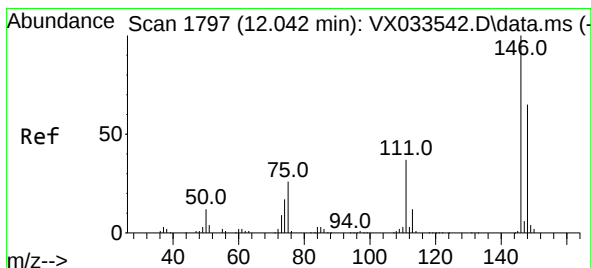
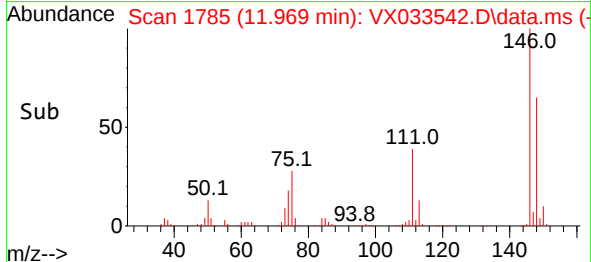
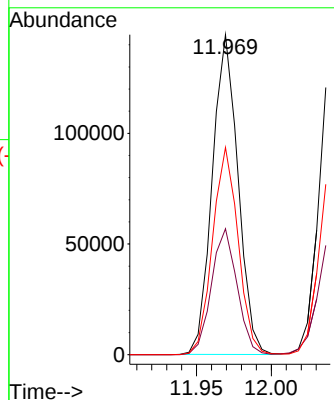
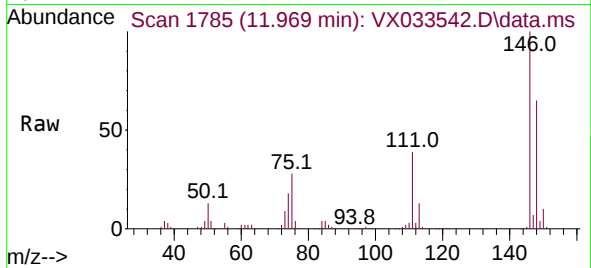




#64
1,3-Dichlorobenzene
Concen: 49.917 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX033542.D
Acq: 22 Dec 2022 14:04

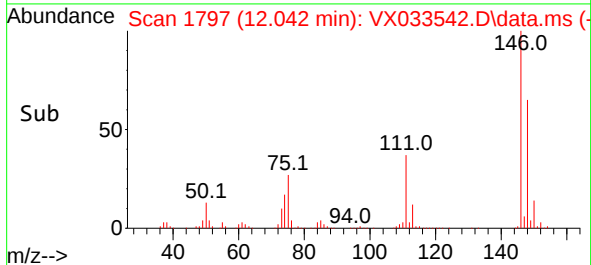
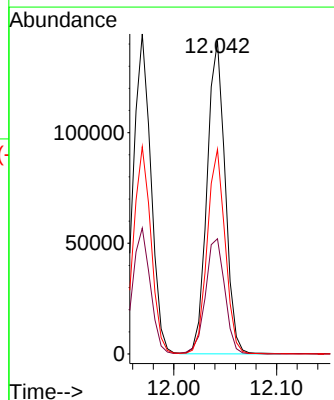
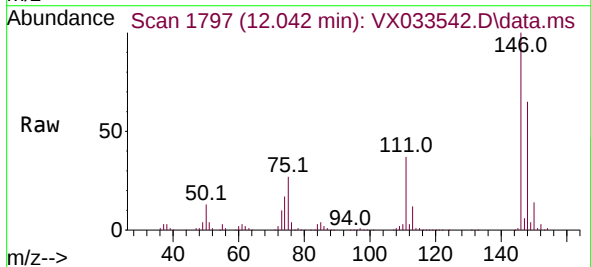
Instrument :
MSVOA_X
ClientSampleId :

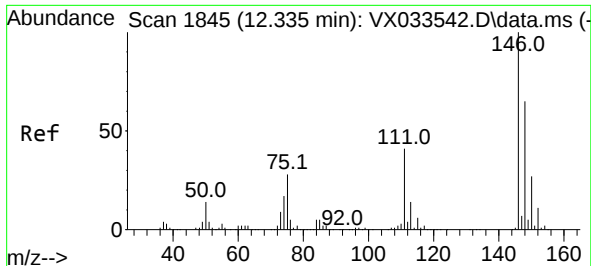
Tgt Ion:146 Resp: 172590
Ion Ratio Lower Upper
146 100
111 39.4 27.6 51.2
148 64.7 45.3 84.1



#65
1,4-Dichlorobenzene
Concen: 49.413 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX033542.D
Acq: 22 Dec 2022 14:04

Tgt Ion:146 Resp: 172822
Ion Ratio Lower Upper
146 100
111 36.8 25.8 47.8
148 65.4 45.8 85.0





#67

1,2-Dichlorobenzene

Concen: 50.109 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX033542.D

Acq: 22 Dec 2022 14:04

Instrument :

MSVOA_X

ClientSampleId :

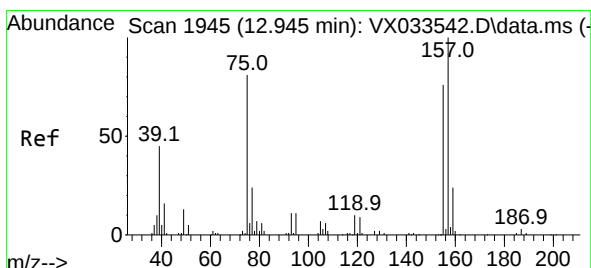
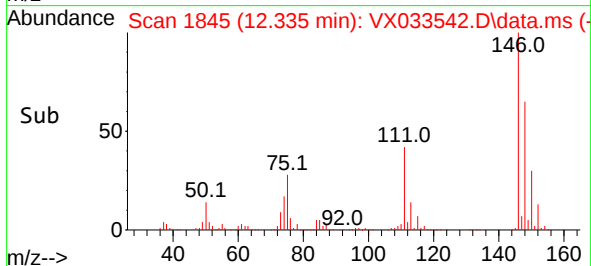
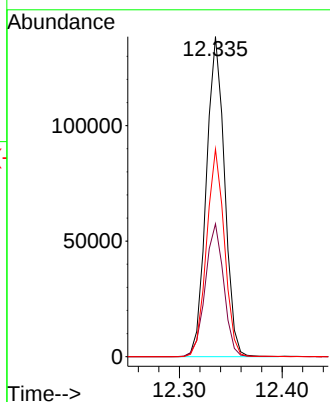
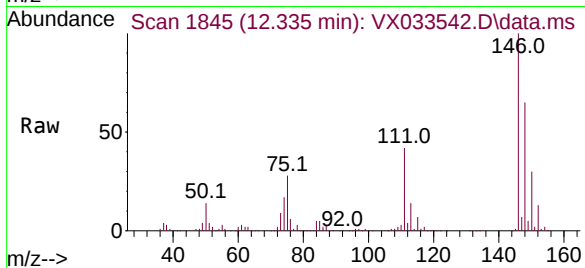
Tgt Ion:146 Resp: 170980

Ion Ratio Lower Upper

146 100

111 41.5 33.2 49.8

148 64.9 51.9 77.9



#68

1,2-Dibromo-3-chloropropane

Concen: 50.849 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. 0.000 min

Lab File: VX033542.D

Acq: 22 Dec 2022 14:04

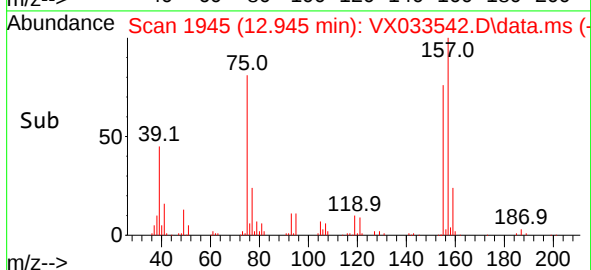
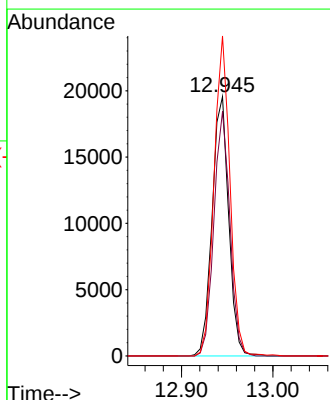
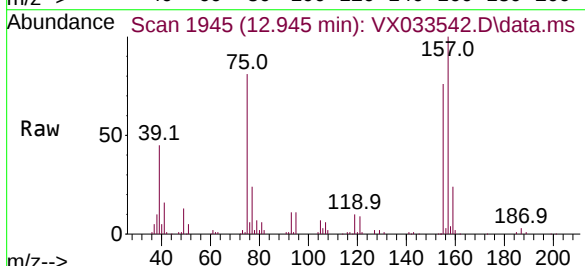
Tgt Ion: 75 Resp: 24648

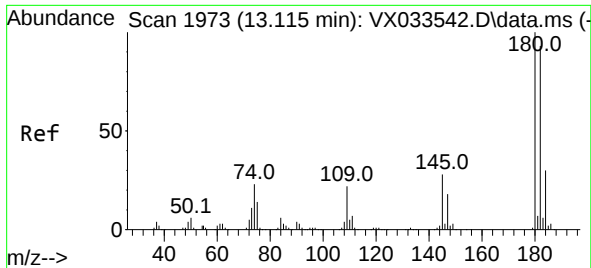
Ion Ratio Lower Upper

75 100

155 94.3 75.4 113.2

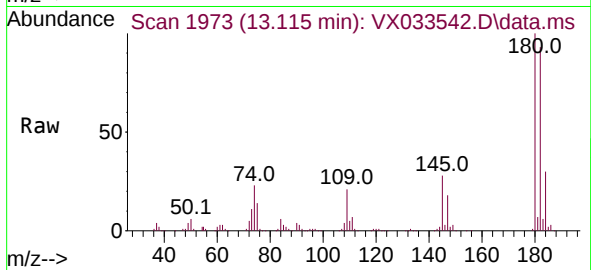
157 123.4 98.7 148.1



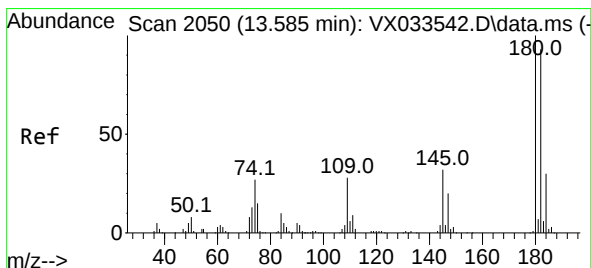
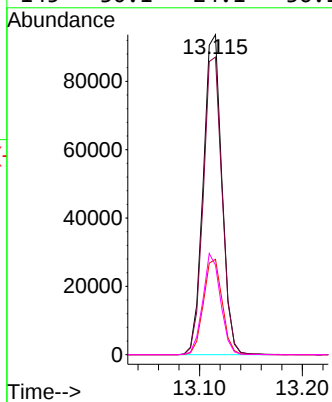
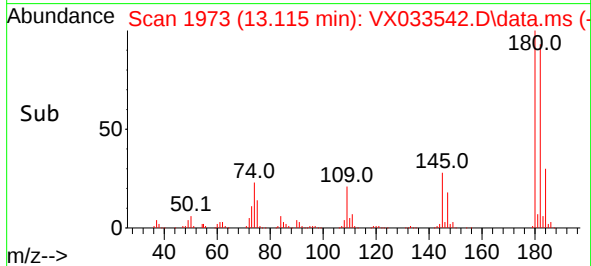


#69
 1,3,5-Trichlorobenzene
 Concen: 51.047 ug/L
 RT: 13.115 min Scan# 1973
 Delta R.T. 0.000 min
 Lab File: VX033542.D
 Acq: 22 Dec 2022 14:04

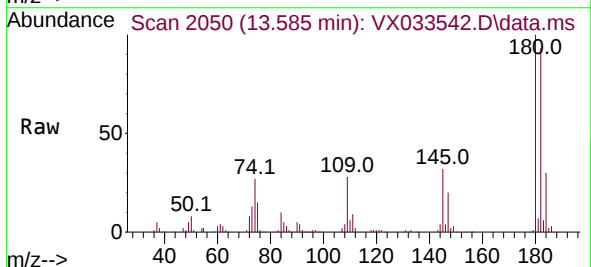
Instrument :
 MSVOA_X
 ClientSampleId :



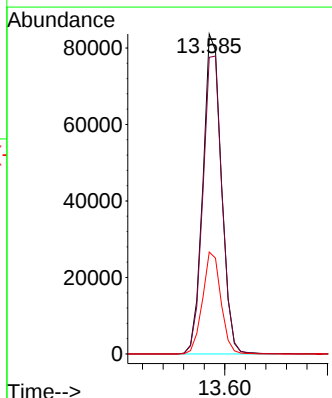
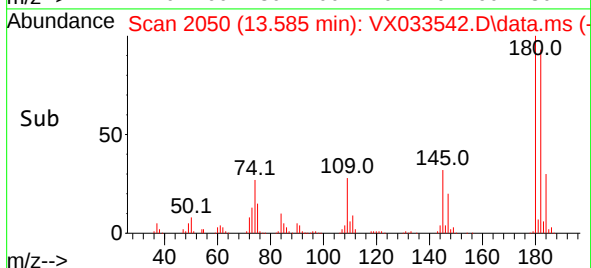
Tgt Ion:180 Resp: 118097
 Ion Ratio Lower Upper
 180 100
 182 93.8 75.0 112.6
 184 30.0 24.0 36.0
 145 30.1 24.1 36.1

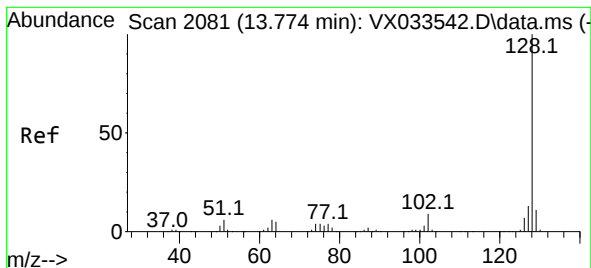


#70
 1,2,4-trichlorobenzene
 Concen: 50.086 ug/L
 RT: 13.585 min Scan# 2050
 Delta R.T. 0.000 min
 Lab File: VX033542.D
 Acq: 22 Dec 2022 14:04



Tgt Ion:180 Resp: 104956
 Ion Ratio Lower Upper
 180 100
 182 95.8 76.6 115.0
 145 31.5 25.2 37.8





#71

Naphthalene

Concen: 51.620 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX033542.D

Acq: 22 Dec 2022 14:04

Instrument :

MSVOA_X

ClientSampleId :

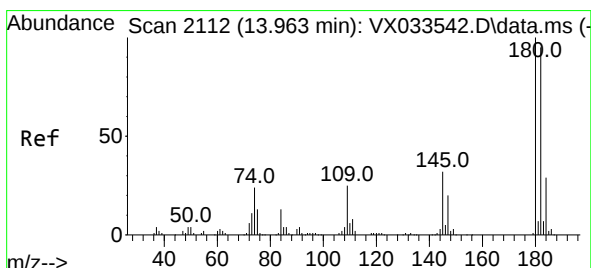
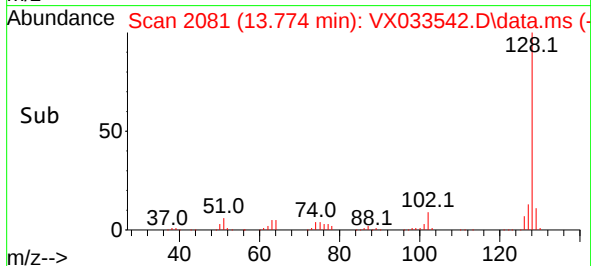
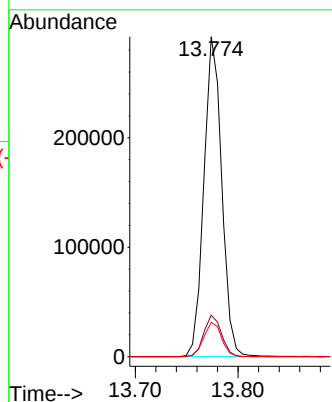
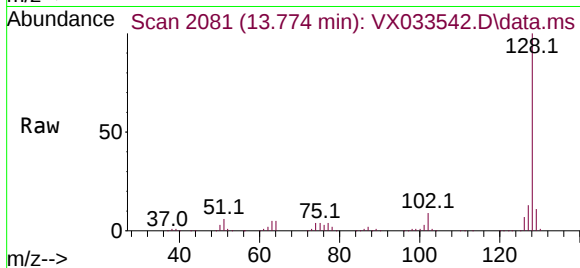
Tgt Ion:128 Resp: 353418

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 10.8 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 50.497 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX033542.D

Acq: 22 Dec 2022 14:04

Tgt Ion:180 Resp: 105598

Ion Ratio Lower Upper

180 100

182 95.5 76.4 114.6

145 32.8 26.2 39.4

