

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050523\
 Data File : VX035543.D
 Acq On : 05 May 2023 17:58
 Operator : JC/MD
 Sample : 02598-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VNJ-241

Quant Time: May 08 00:52:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

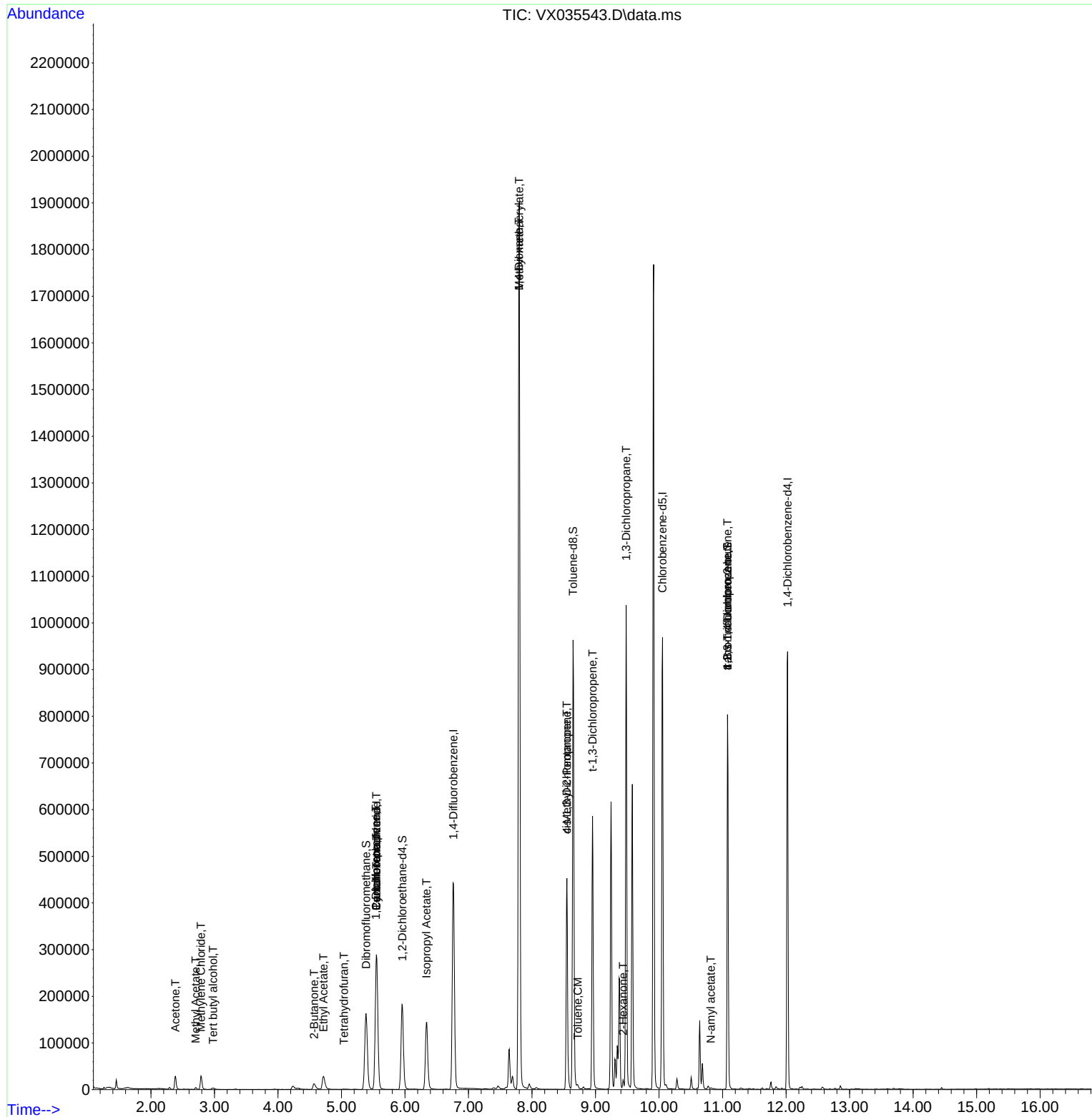
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	282700	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	472621	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	443456	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	207031	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	174667	51.213	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.420%	
35) Dibromofluoromethane	5.385	113	146611	50.541	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.080%	
50) Toluene-d8	8.647	98	560322	51.205	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 102.400%	
62) 4-Bromofluorobenzene	11.079	95	220148	53.480	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 106.960%	
Target Compounds						Qvalue
11) Tert butyl alcohol	2.977	59	4792	7.717	ug/l #	88
16) Acetone	2.386	43	33077	22.330	ug/l	97
18) Methyl Acetate	2.703	43	4968	0.867	ug/l	99
20) Methylene Chloride	2.788	84	13952	4.108	ug/l	95
25) 2-Butanone	4.568	43	24720	11.433	ug/l	98
29) Tetrahydrofuran	5.038	42	620	0.447	ug/l #	52
31) Cyclohexane	5.550	56	5482	1.133	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	20798	4.592	ug/l #	47
37) Ethyl Acetate	4.715	43	53048	12.823	ug/l	95
38) Carbon Tetrachloride	5.550	117	28235	6.567	ug/l #	15
43) Isopropyl Acetate	6.336	43	203500	29.275	ug/l	97
48) Methyl methacrylate	7.799	41	163288	47.888	ug/l #	44
49) 1,4-Dioxane	7.793	88	417	5.017	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	152355	35.675	ug/l #	50
52) Toluene	8.720	92	2433	0.295	ug/l	99
53) t-1,3-Dichloropropene	8.952	75	1484	0.343	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	72772	14.874	ug/l #	56
57) 1,3-Dichloropropane	9.482	76	8919	1.588	ug/l #	42
59) 2-Hexanone	9.433	43	11275	3.514	ug/l	98
74) N-amyl acetate	10.817	43	1366	0.240	ug/l #	50
76) 1,2,3-Trichloropropane	11.079	75	108479	26.267	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	108479	85.075	ug/l #	8

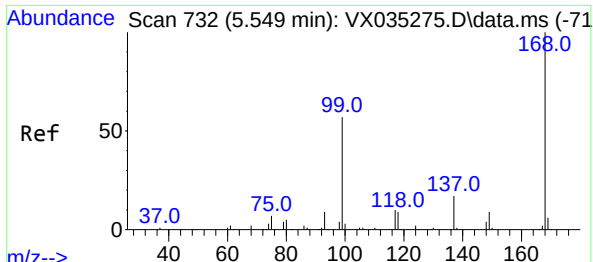
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050523\
Data File : VX035543.D
Acq On : 05 May 2023 17:58
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Sample : 02598-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VNJ-241

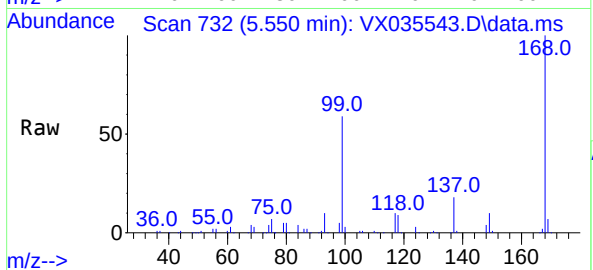
Quant Time: May 08 00:52:47 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 16:31:40 2023
Response via : Initial Calibration



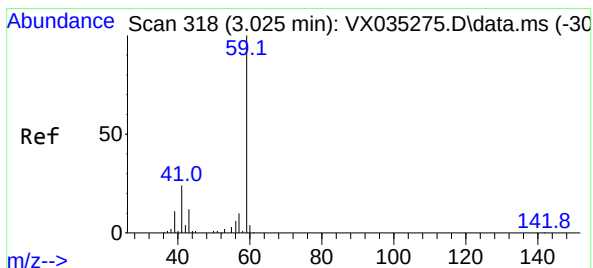
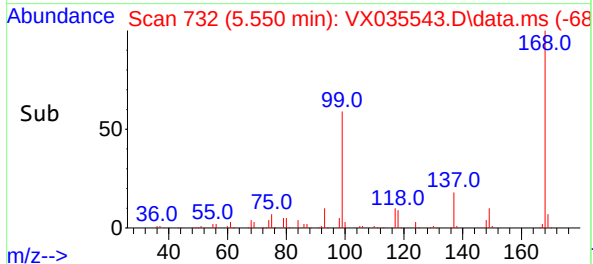
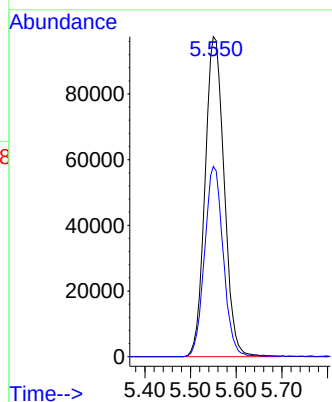


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035543.D
Acq: 05 May 2023 17:58

Instrument :
MSVOA_X
ClientSampleId :
VNJ-241

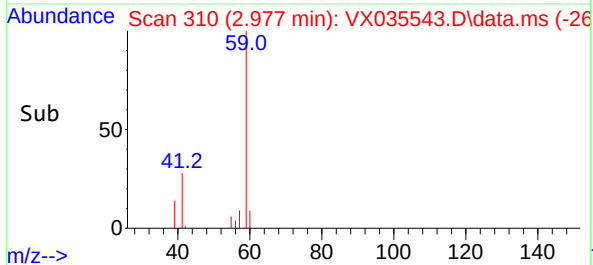
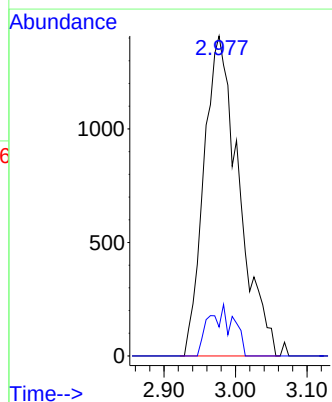
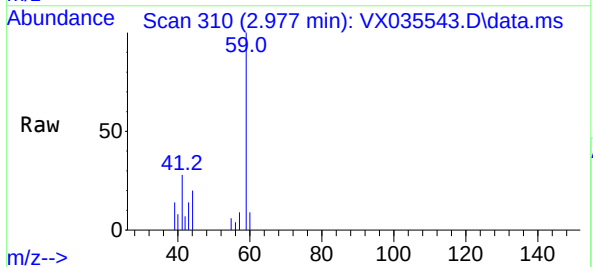


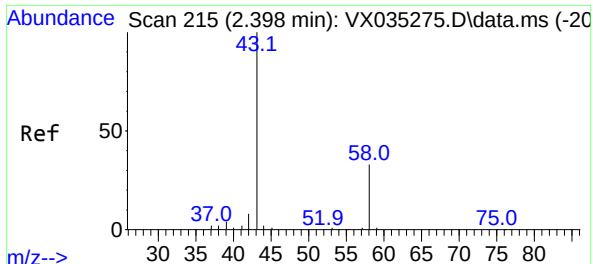
Tgt Ion:168 Resp: 282700
Ion Ratio Lower Upper
168 100
99 59.5 45.7 68.5



#11
Tert butyl alcohol
Concen: 7.717 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.048 min
Lab File: VX035543.D
Acq: 05 May 2023 17:58

Tgt Ion: 59 Resp: 4792
Ion Ratio Lower Upper
59 100
57 5.5 8.1 12.1#

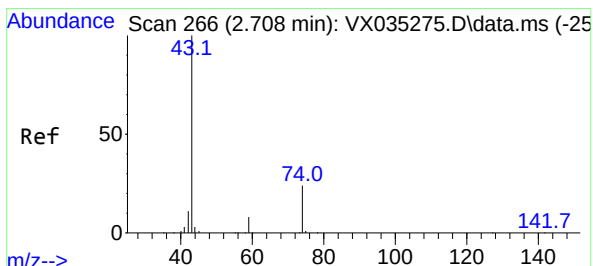
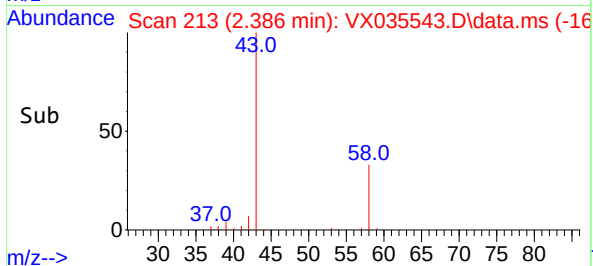
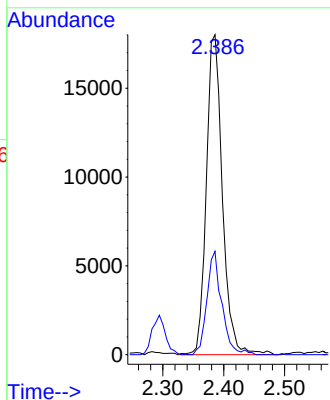
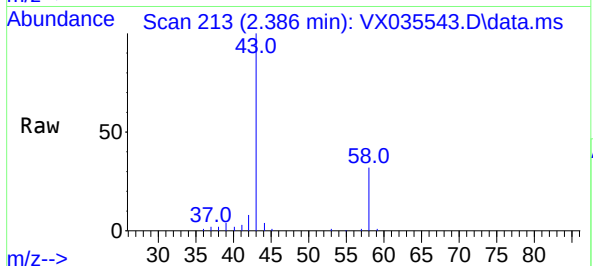




#16
Acetone
Concen: 22.330 ug/l
RT: 2.386 min Scan# 215
Delta R.T. -0.012 min
Lab File: VX035543.D
Acq: 05 May 2023 17:58

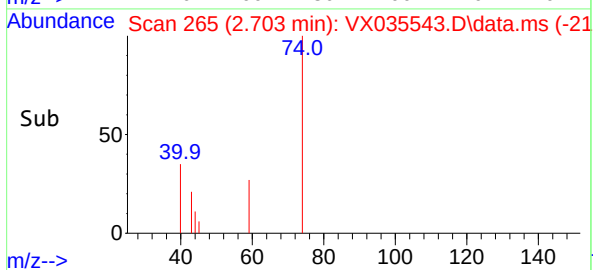
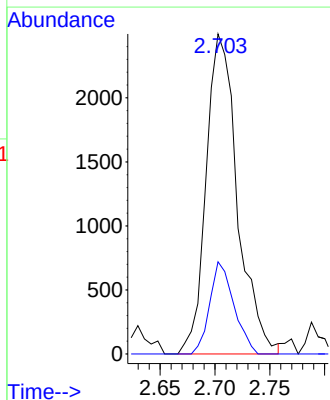
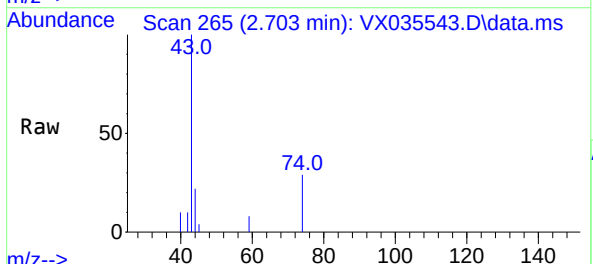
Instrument :
MSVOA_X
ClientSampleId :
VNJ-241

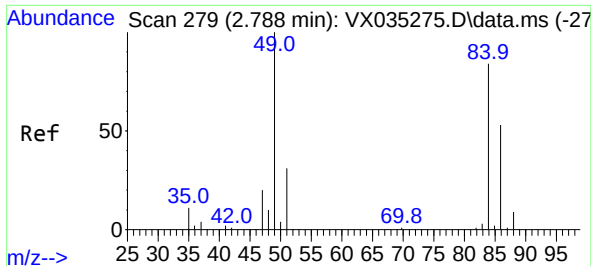
Tgt Ion: 43 Resp: 33077
Ion Ratio Lower Upper
43 100
58 32.3 24.7 37.1



#18
Methyl Acetate
Concen: 0.867 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.005 min
Lab File: VX035543.D
Acq: 05 May 2023 17:58

Tgt Ion: 43 Resp: 4968
Ion Ratio Lower Upper
43 100
74 22.2 18.3 27.5



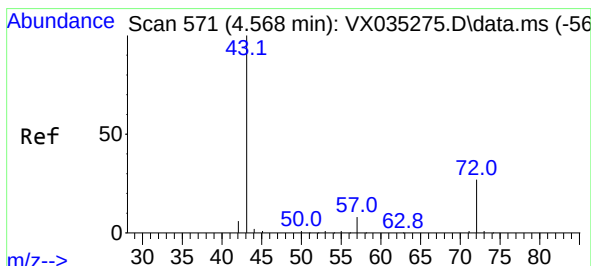
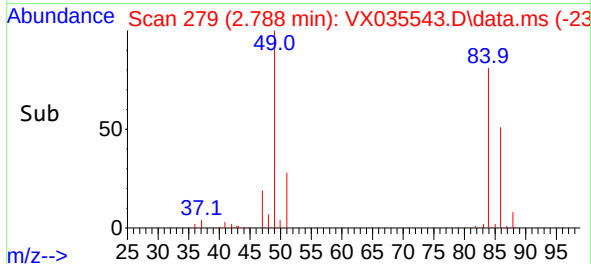
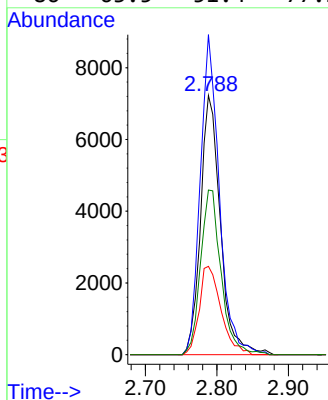
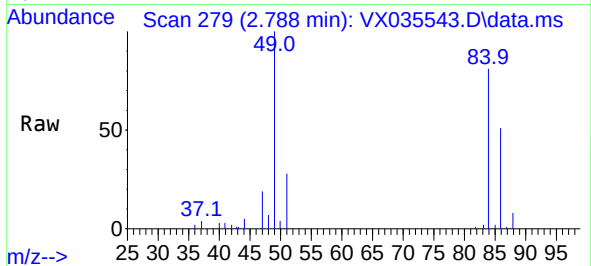


#20
Methylene Chloride
Concen: 4.108 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX035543.D
Acq: 05 May 2023 17:58

Instrument :
MSVOA_X
ClientSampleId :
VNJ-241

Tgt Ion: 84 Resp: 13952

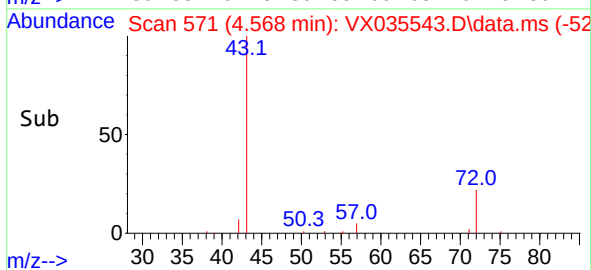
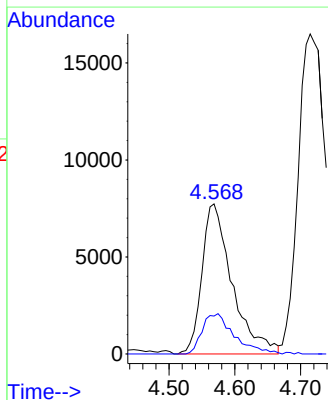
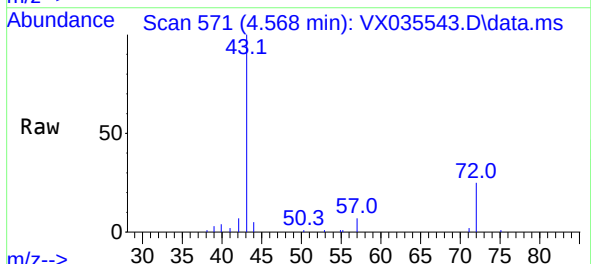
Ion	Ratio	Lower	Upper
84	100		
49	123.5	103.8	155.8
51	34.1	31.8	47.8
86	63.5	51.4	77.2

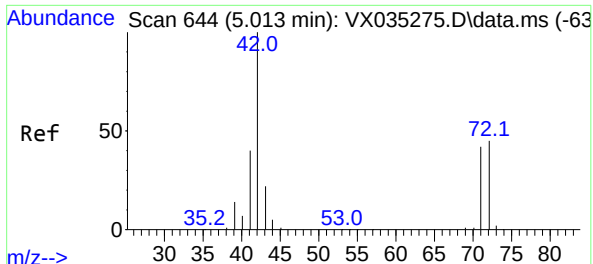


#25
2-Butanone
Concen: 11.433 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX035543.D
Acq: 05 May 2023 17:58

Tgt Ion: 43 Resp: 24720

Ion	Ratio	Lower	Upper
43	100		
72	25.3	19.3	28.9





#29

Tetrahydrofuran

Concen: 0.447 ug/l

RT: 5.038 min Scan# 64

Delta R.T. 0.025 min

Lab File: VX035543.D

Acq: 05 May 2023 17:58

Instrument :

MSVOA_X

ClientSampleId :

VNJ-241

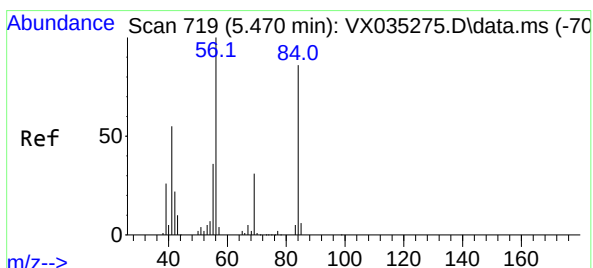
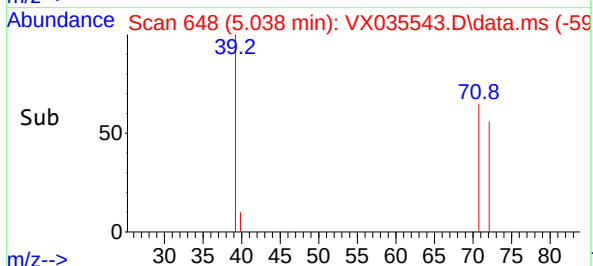
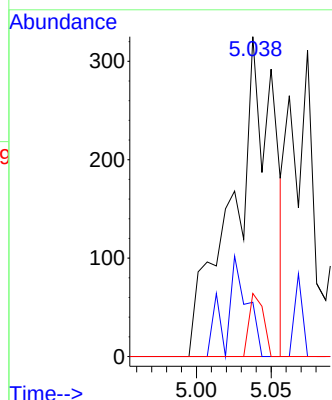
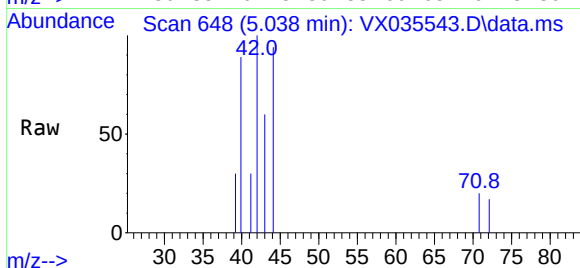
Tgt Ion: 42 Resp: 620

Ion Ratio Lower Upper

42 100

72 16.1 34.5 51.7#

71 6.8 32.1 48.1#



#31

Cyclohexane

Concen: 1.133 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.080 min

Lab File: VX035543.D

Acq: 05 May 2023 17:58

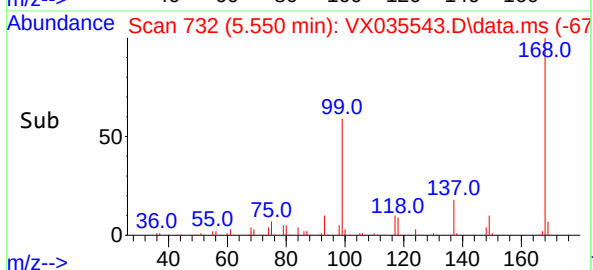
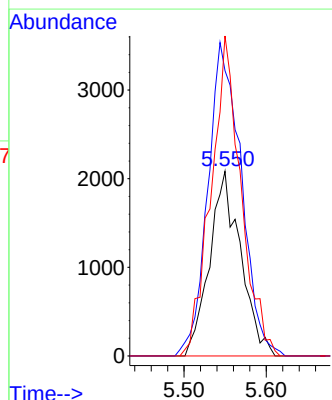
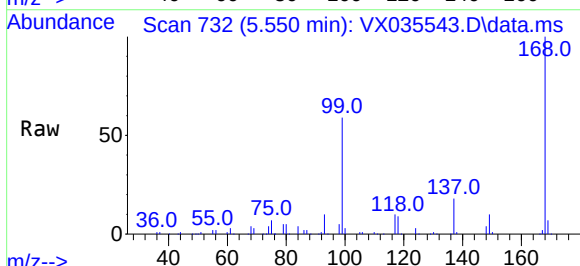
Tgt Ion: 56 Resp: 5482

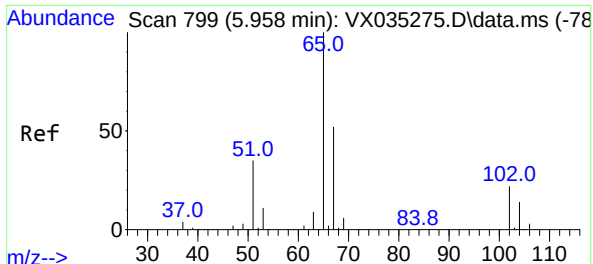
Ion Ratio Lower Upper

56 100

69 152.0 23.7 35.5#

84 173.3 68.5 102.7#

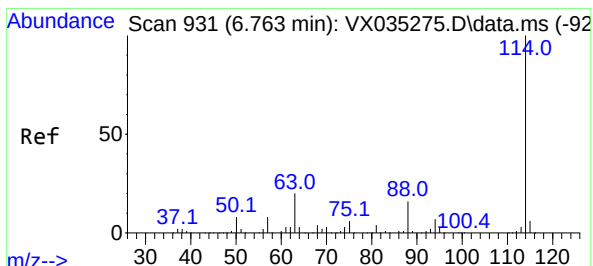
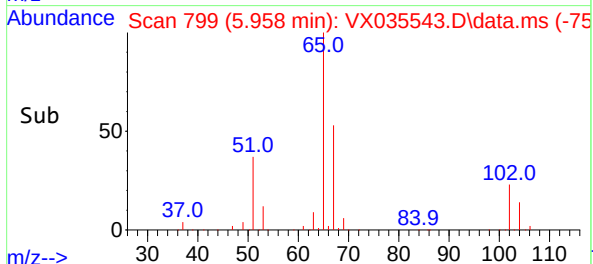
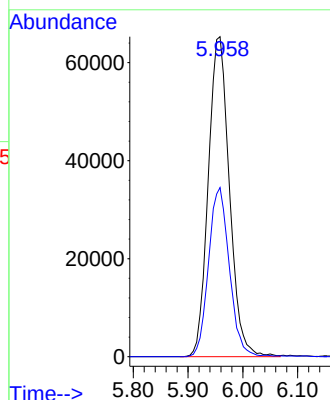
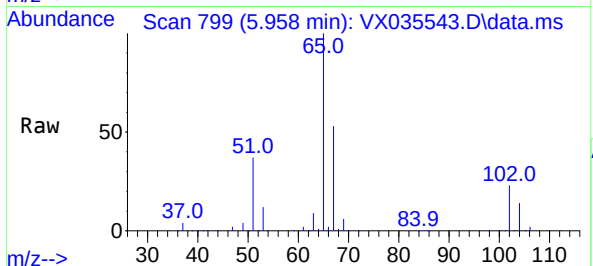




#33
1,2-Dichloroethane-d4
Concen: 51.213 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX035543.D
Acq: 05 May 2023 17:58

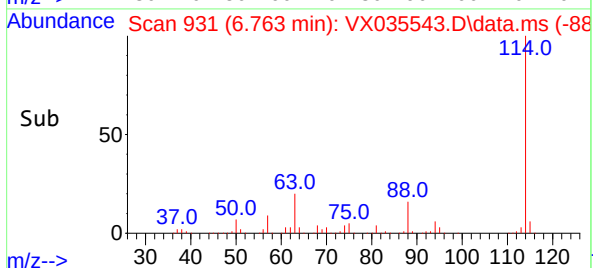
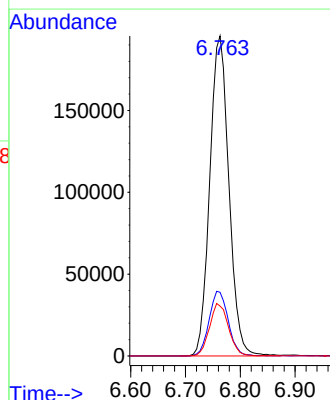
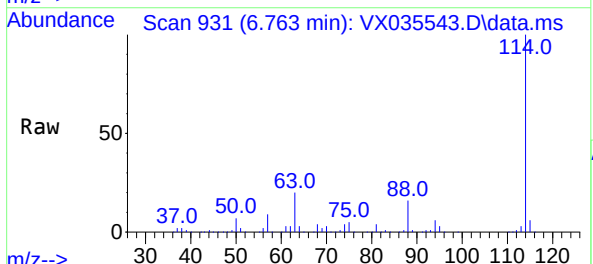
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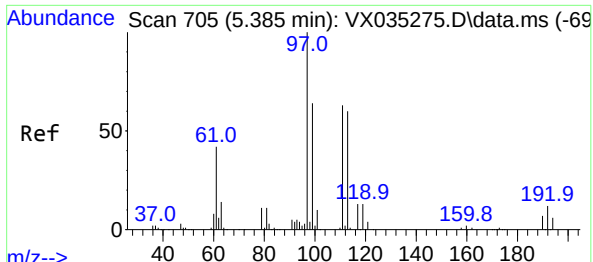
Tgt Ion: 65 Resp: 174667
Ion Ratio Lower Upper
65 100
67 52.2 0.0 104.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX035543.D
Acq: 05 May 2023 17:58

Tgt Ion: 114 Resp: 472621
Ion Ratio Lower Upper
114 100
63 19.9 0.0 42.2
88 15.6 0.0 33.2

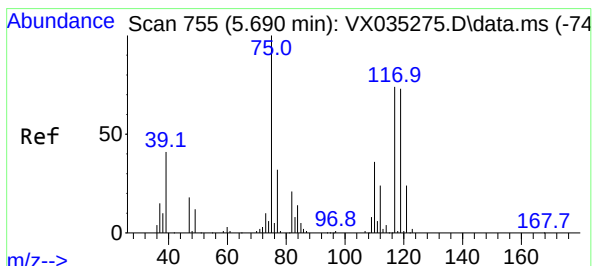
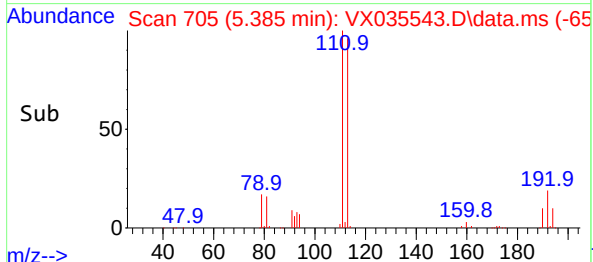
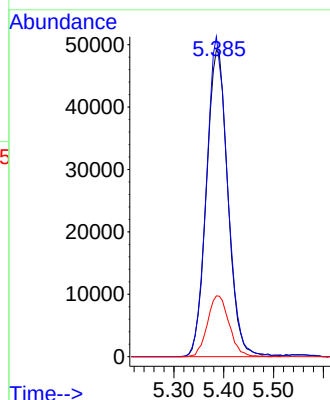
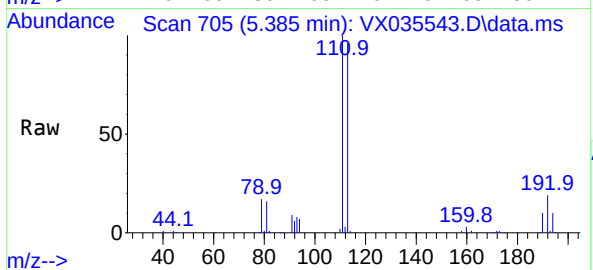




#35
Dibromofluoromethane
Concen: 50.541 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035543.D
Acq: 05 May 2023 17:58

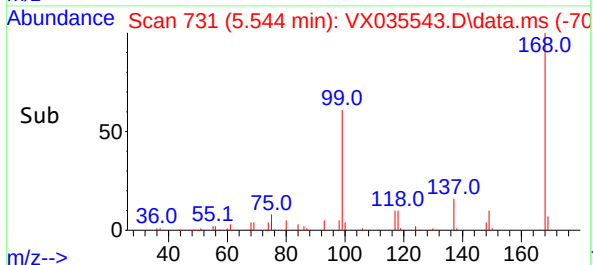
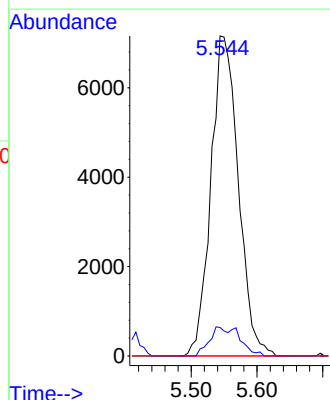
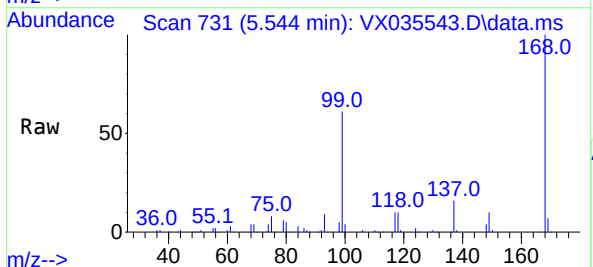
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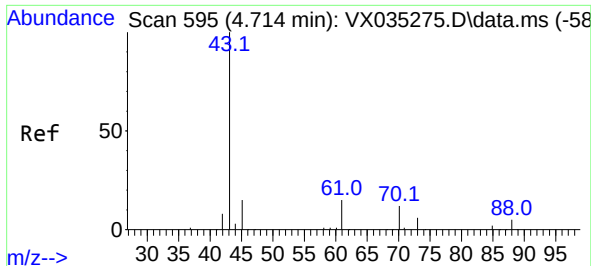
Tgt Ion:113 Resp: 146611
Ion Ratio Lower Upper
113 100
111 102.3 83.7 125.5
192 20.1 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.592 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX035543.D
Acq: 05 May 2023 17:58

Tgt Ion: 75 Resp: 20798
Ion Ratio Lower Upper
75 100
110 6.0 17.5 52.5#
77 0.0 24.3 36.5#





#37

Ethyl Acetate

Concen: 12.823 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.001 min

Lab File: VX035543.D

Acq: 05 May 2023 17:58

Instrument :

MSVOA_X

ClientSampleId :

VNJ-241

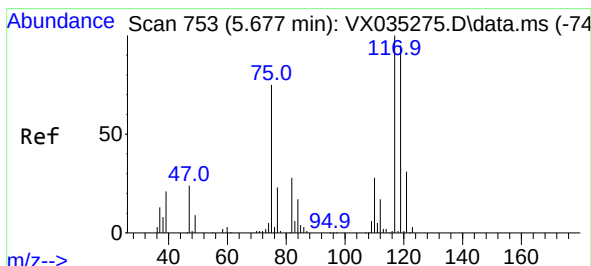
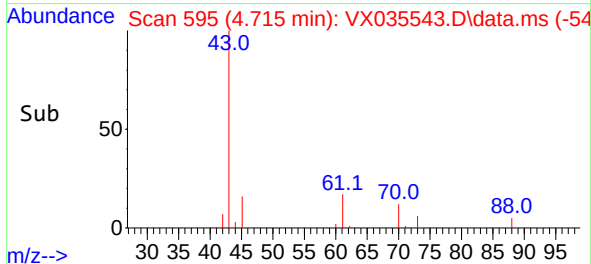
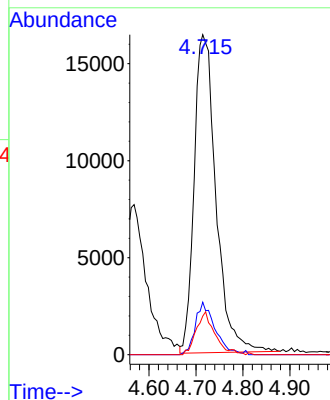
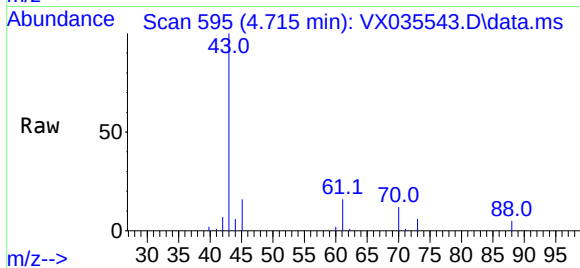
Tgt Ion: 43 Resp: 53048

Ion Ratio Lower Upper

43 100

61 15.0 10.2 15.4

70 11.6 8.2 12.4



#38

Carbon Tetrachloride

Concen: 6.567 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.127 min

Lab File: VX035543.D

Acq: 05 May 2023 17:58

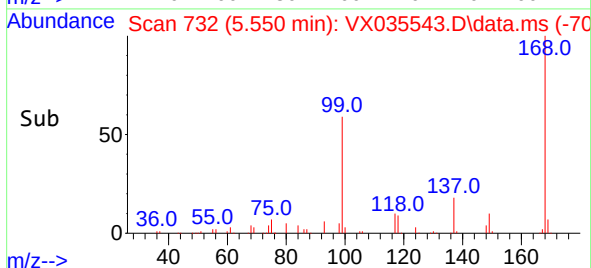
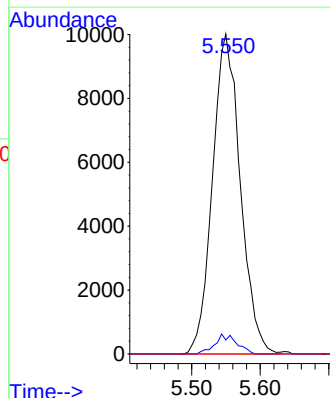
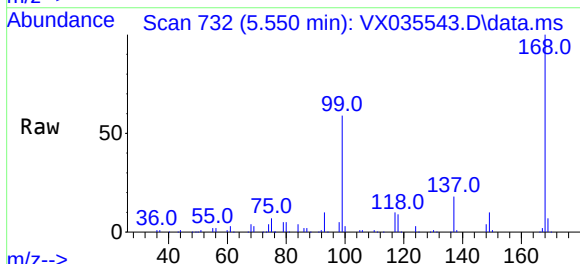
Tgt Ion: 117 Resp: 28235

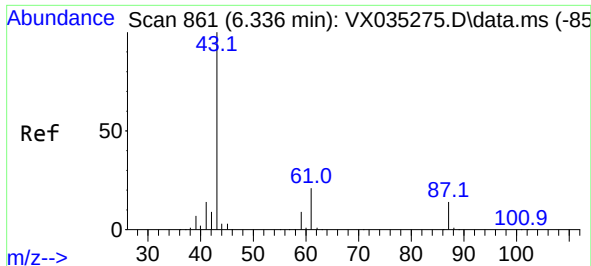
Ion Ratio Lower Upper

117 100

119 4.3 76.6 114.8#

121 0.0 23.8 35.6#

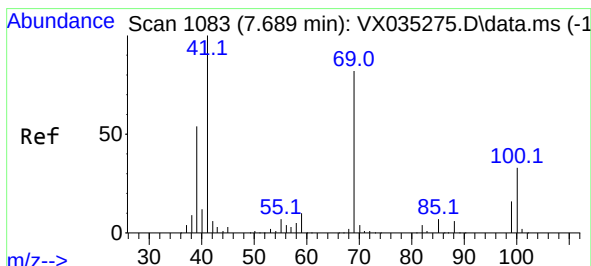
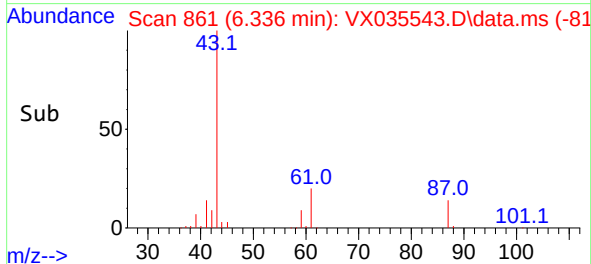
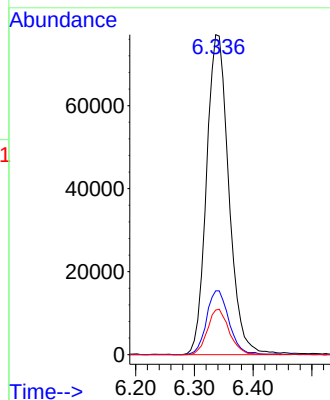
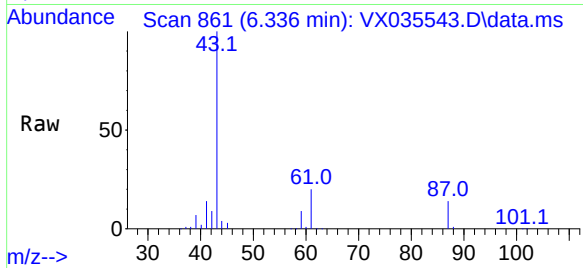




#43
Isopropyl Acetate
Concen: 29.275 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX035543.D
Acq: 05 May 2023 17:58

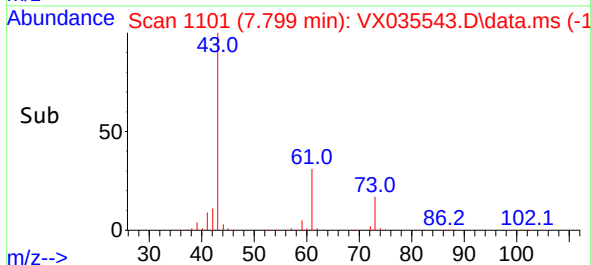
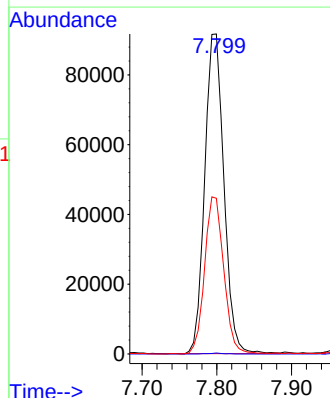
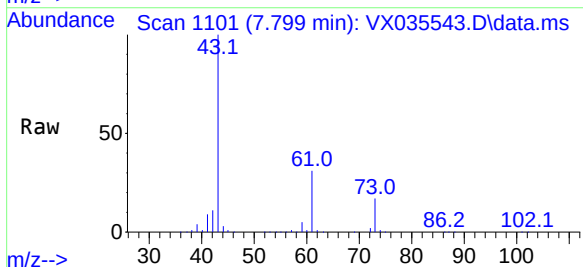
Instrument :
MSVOA_X
ClientSampleId :
VNJ-241

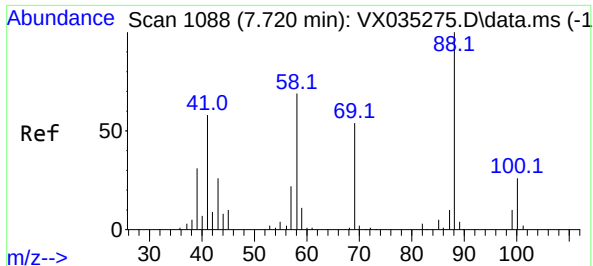
Tgt Ion: 43 Resp: 203500
Ion Ratio Lower Upper
43 100
61 20.1 15.2 22.8
87 13.9 9.8 14.8



#48
Methyl methacrylate
Concen: 47.888 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.110 min
Lab File: VX035543.D
Acq: 05 May 2023 17:58

Tgt Ion: 41 Resp: 163288
Ion Ratio Lower Upper
41 100
69 0.2 62.2 93.4#
39 49.3 47.7 71.5





#49

1,4-Dioxane

Concen: 5.017 ug/l

RT: 7.793 min Scan# 1100

Delta R.T. 0.073 min

Lab File: VX035543.D

Acq: 05 May 2023 17:58

Instrument :

MSVOA_X

ClientSampleId :

VNJ-241

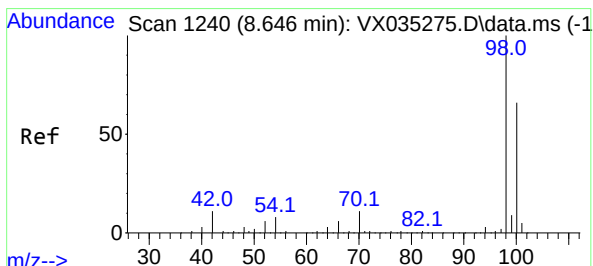
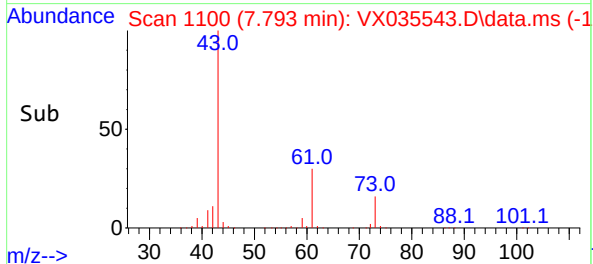
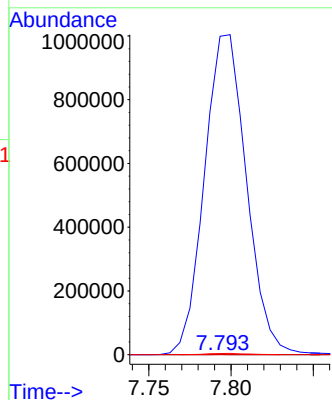
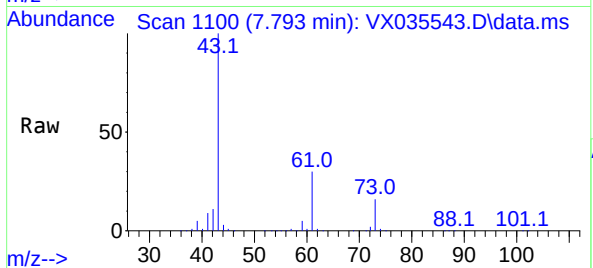
Tgt Ion: 88 Resp: 417

Ion Ratio Lower Upper

88 100

43 430749.9 27.7 41.5#

58 1666.4 56.8 85.2#



#50

Toluene-d8

Concen: 51.205 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.001 min

Lab File: VX035543.D

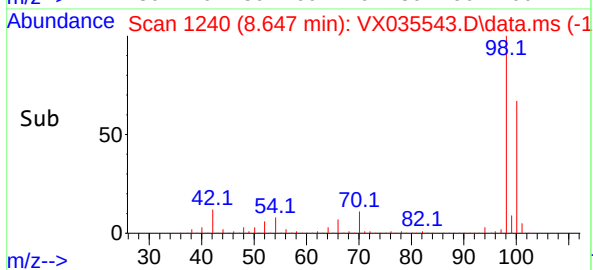
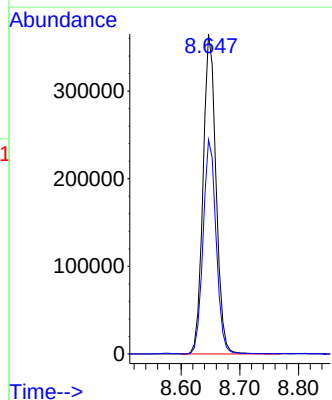
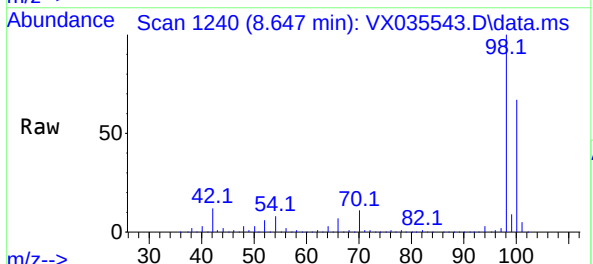
Acq: 05 May 2023 17:58

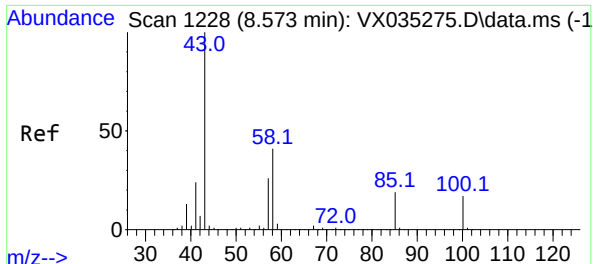
Tgt Ion: 98 Resp: 560322

Ion Ratio Lower Upper

98 100

100 67.3 52.5 78.7

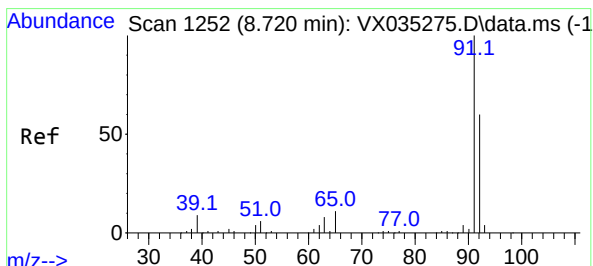
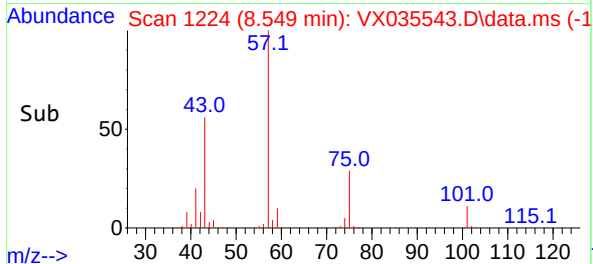
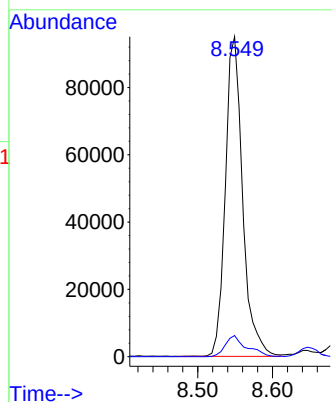
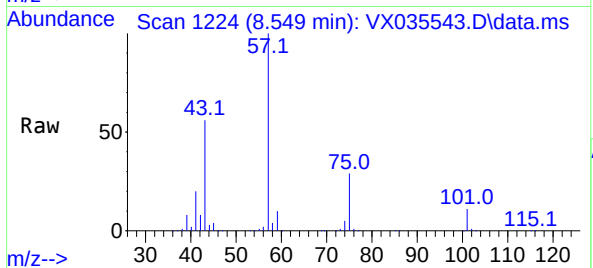




#51
4-Methyl-2-Pentanone
Concen: 35.675 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX035543.D
Acq: 05 May 2023 17:58

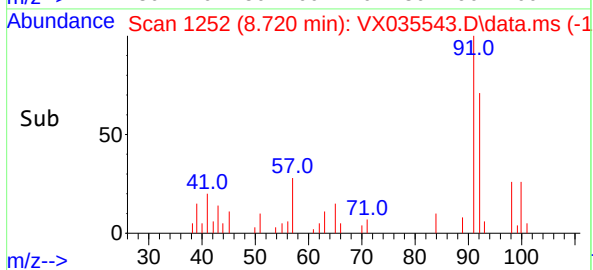
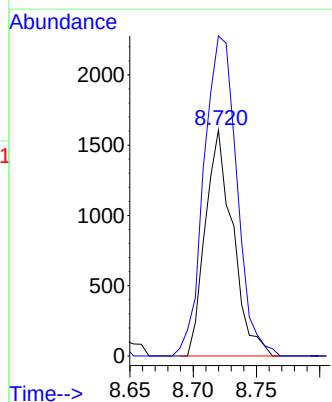
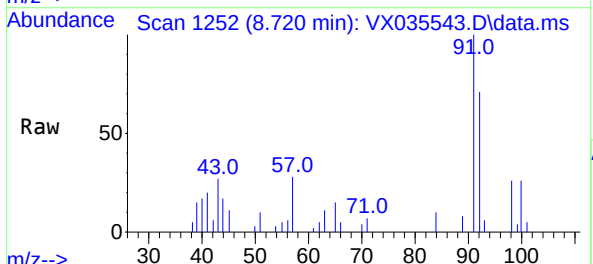
Instrument :
MSVOA_X
ClientSampleId :
VNJ-241

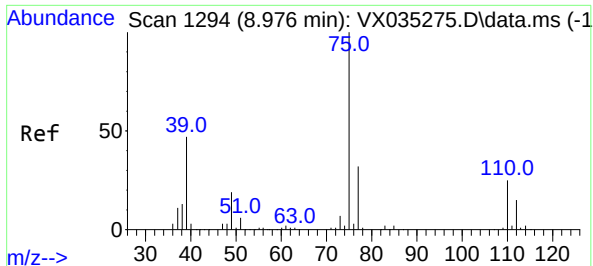
Tgt Ion: 43 Resp: 152355
Ion Ratio Lower Upper
43 100
58 8.2 30.6 46.0#



#52
Toluene
Concen: 0.295 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX035543.D
Acq: 05 May 2023 17:58

Tgt Ion: 92 Resp: 2433
Ion Ratio Lower Upper
92 100
91 169.6 136.8 205.2

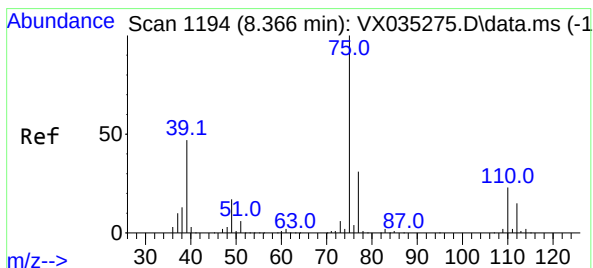
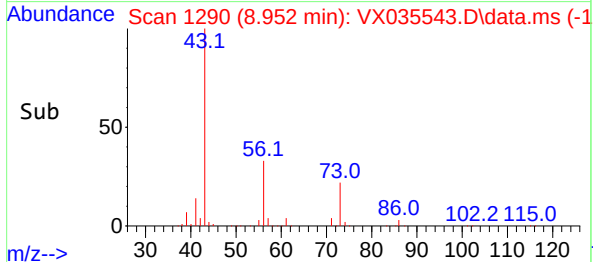
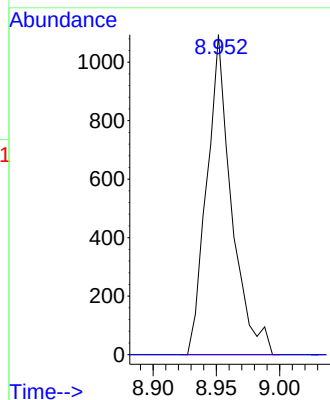
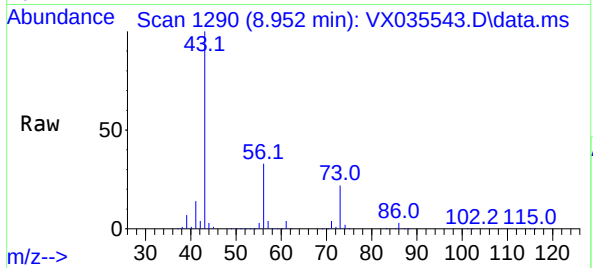




#53
 t-1,3-Dichloropropene
 Concen: 0.343 ug/l
 RT: 8.952 min Scan# 11
 Delta R.T. -0.024 min
 Lab File: VX035543.D
 Acq: 05 May 2023 17:58

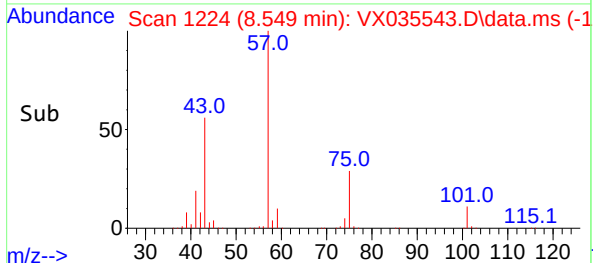
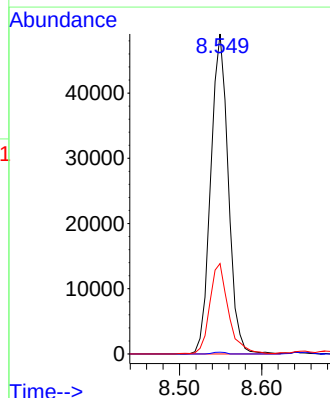
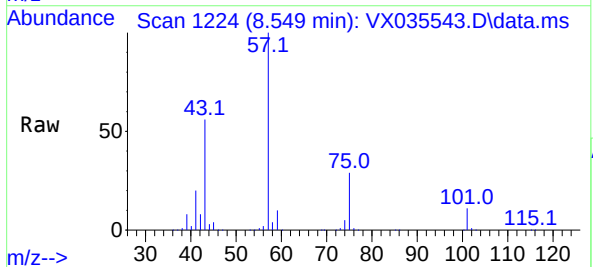
Instrument :
 MSVOA_X
 ClientSampleId :
 VNJ-241

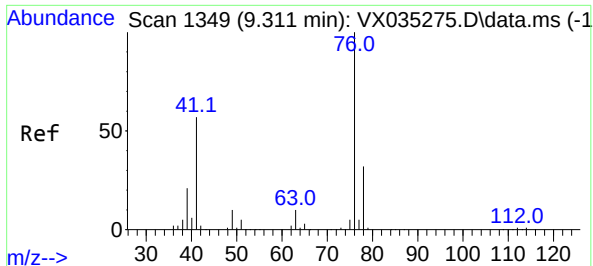
Tgt Ion: 75 Resp: 1484
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.4 38.2#



#54
 cis-1,3-Dichloropropene
 Concen: 14.874 ug/l
 RT: 8.549 min Scan# 1224
 Delta R.T. 0.183 min
 Lab File: VX035543.D
 Acq: 05 May 2023 17:58

Tgt Ion: 75 Resp: 72772
 Ion Ratio Lower Upper
 75 100
 77 0.5 25.0 37.4#
 39 28.1 44.6 66.8#

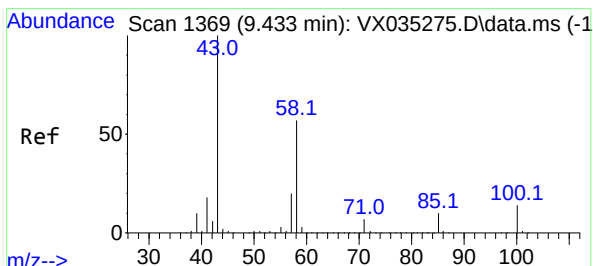
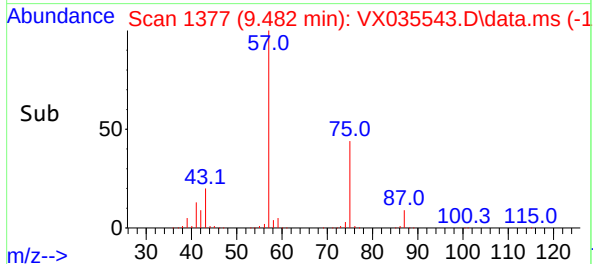
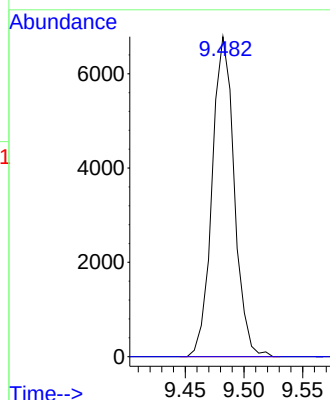
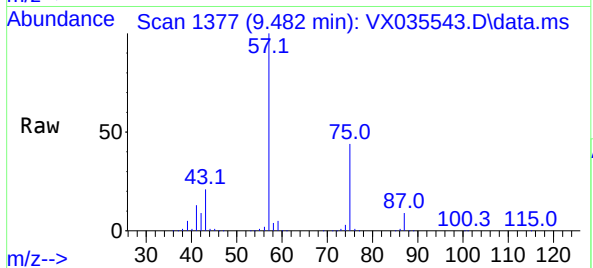




#57
1,3-Dichloropropane
Concen: 1.588 ug/l
RT: 9.482 min Scan# 11
Delta R.T. 0.171 min
Lab File: VX035543.D
Acq: 05 May 2023 17:58

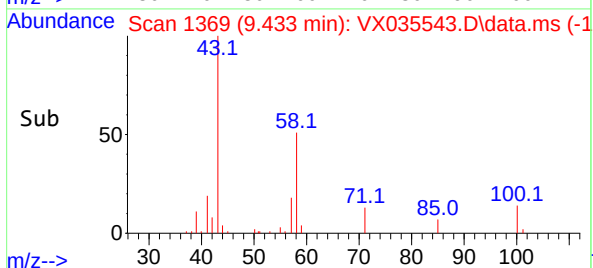
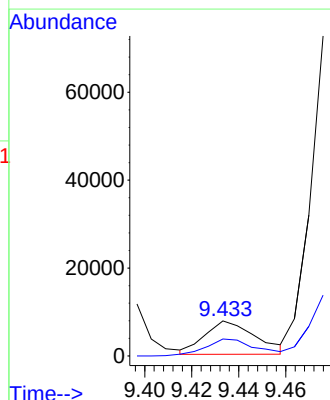
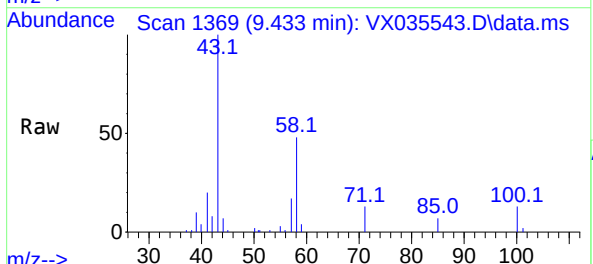
Instrument :
MSVOA_X
ClientSampleId :
VNJ-241

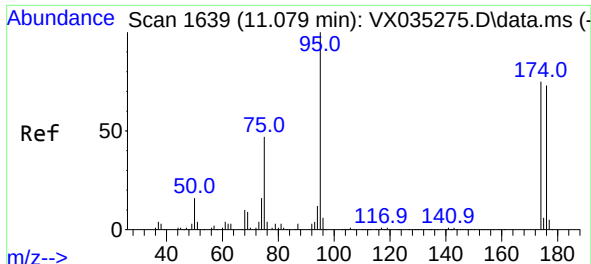
Tgt Ion: 76 Resp: 8919
Ion Ratio Lower Upper
76 100
78 0.0 25.8 38.8#



#59
2-Hexanone
Concen: 3.514 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX035543.D
Acq: 05 May 2023 17:58

Tgt Ion: 43 Resp: 11275
Ion Ratio Lower Upper
43 100
58 51.0 26.3 78.9

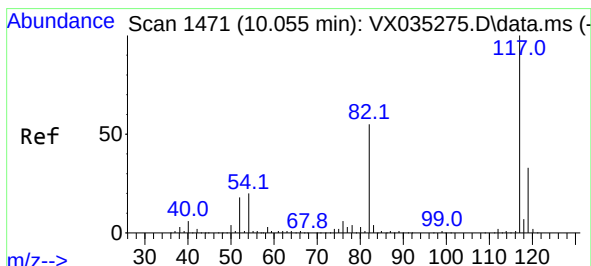
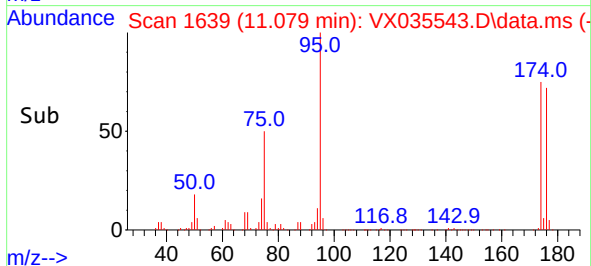
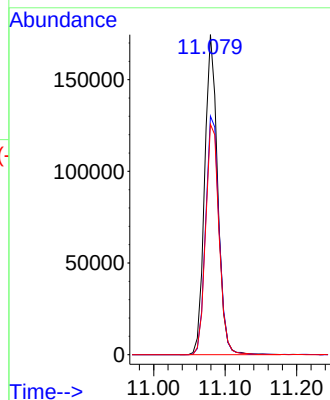
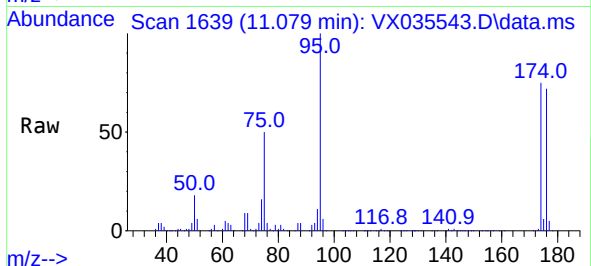




#62
4-Bromofluorobenzene
Concen: 53.480 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035543.D
Acq: 05 May 2023 17:58

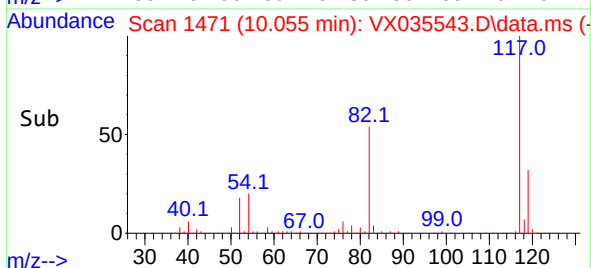
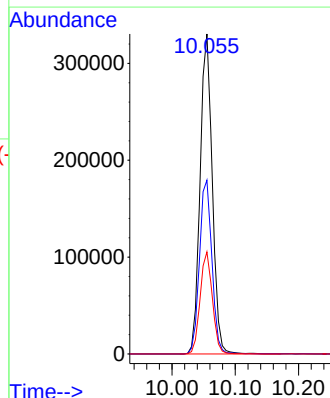
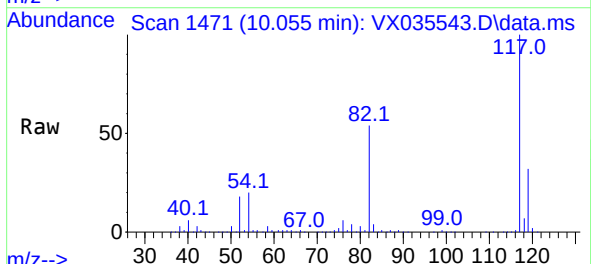
Instrument :
MSVOA_X
ClientSampleId :
VNJ-241

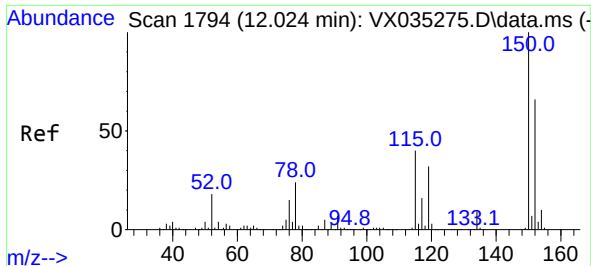
Tgt Ion: 95 Resp: 220148
Ion Ratio Lower Upper
95 100
174 77.5 0.0 147.4
176 74.7 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035543.D
Acq: 05 May 2023 17:58

Tgt Ion: 117 Resp: 443456
Ion Ratio Lower Upper
117 100
82 54.3 45.0 67.4
119 31.9 26.0 39.0

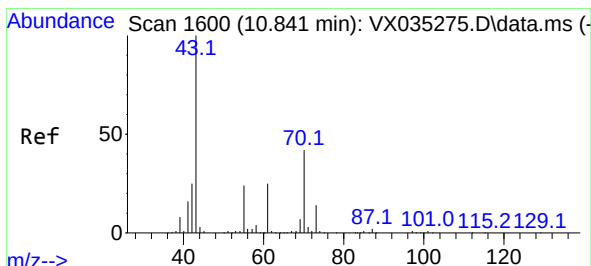
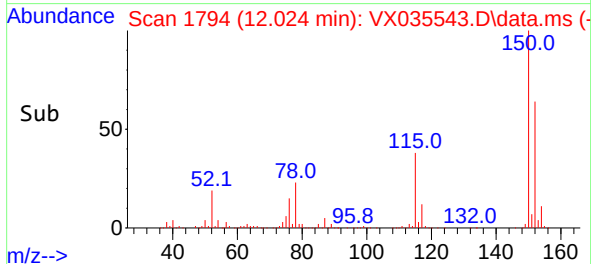
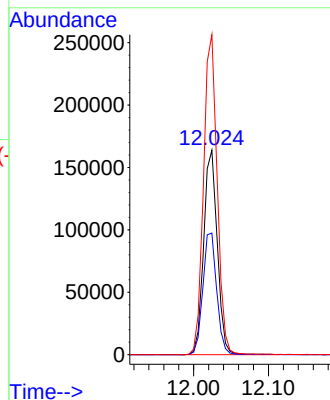
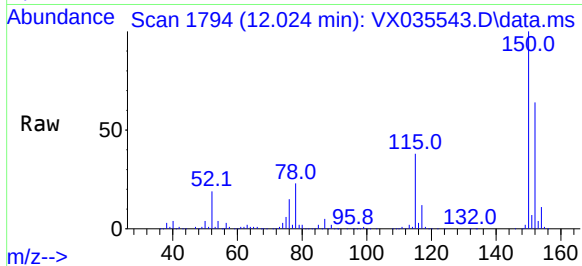




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035543.D
Acq: 05 May 2023 17:58

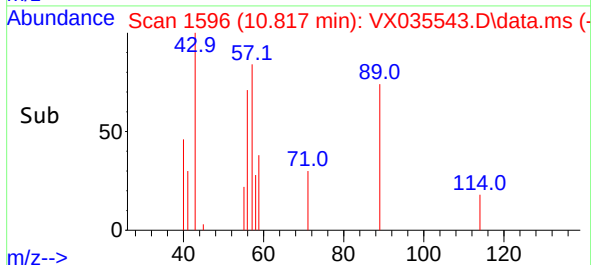
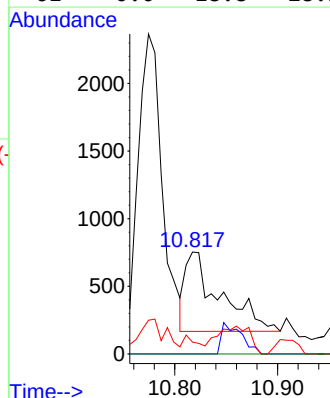
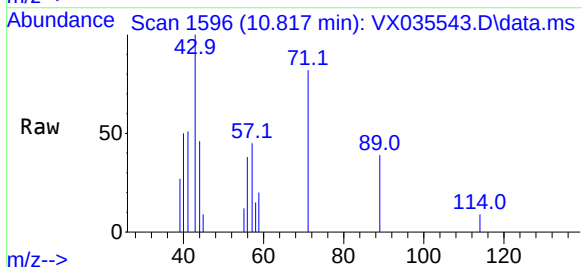
Instrument :
MSVOA_X
ClientSampleId :
VNJ-241

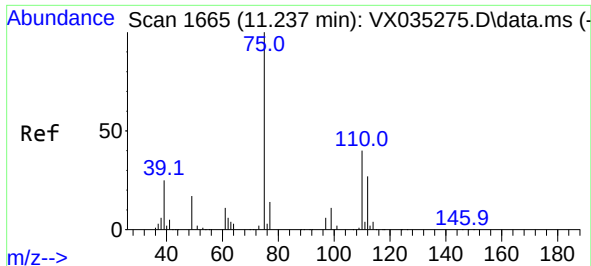
Tgt Ion:152 Resp: 207031
Ion Ratio Lower Upper
152 100
115 60.7 45.0 135.0
150 157.5 0.0 352.4



#74
N-ethyl acetate
Concen: 0.240 ug/l
RT: 10.817 min Scan# 1596
Delta R.T. -0.024 min
Lab File: VX035543.D
Acq: 05 May 2023 17:58

Tgt Ion: 43 Resp: 1366
Ion Ratio Lower Upper
43 100
70 0.0 32.1 48.1#
55 9.7 18.3 27.5#
61 0.0 18.8 28.2#

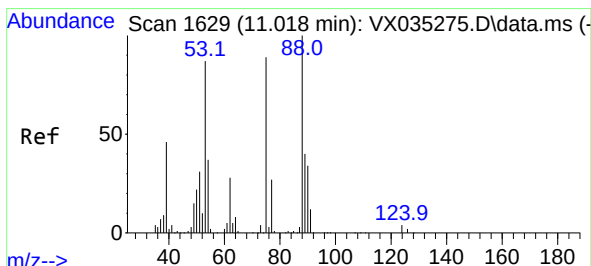
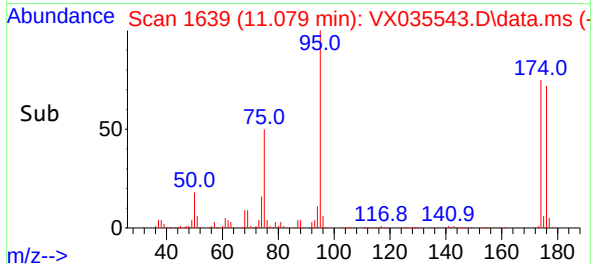
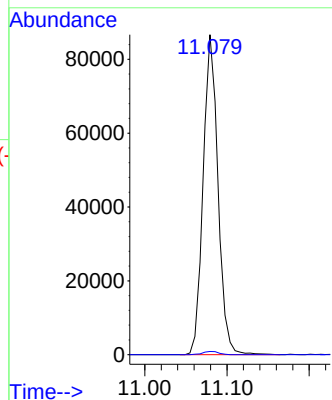
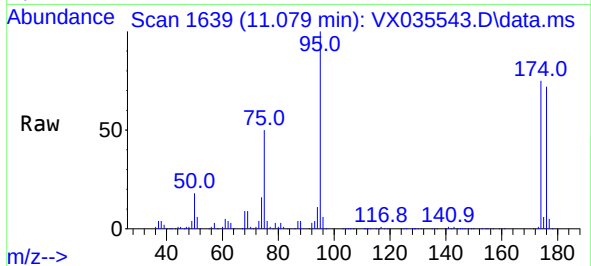




#76
1,2,3-Trichloropropane
Concen: 26.267 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX035543.D
Acq: 05 May 2023 17:58

Instrument :
MSVOA_X
ClientSampleId :
VNJ-241

Tgt Ion: 75 Resp: 108479
Ion Ratio Lower Upper
75 100
77 1.1 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.075 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035543.D
Acq: 05 May 2023 17:58

Tgt Ion: 75 Resp: 108479
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

