

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080124\
 Data File : VX042829.D
 Acq On : 02 Aug 2024 06:35
 Operator : JC/MD
 Sample : P3402-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VNJ-222

Quant Time: Aug 02 08:31:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 01 16:40:12 2024
 Response via : Initial Calibration

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

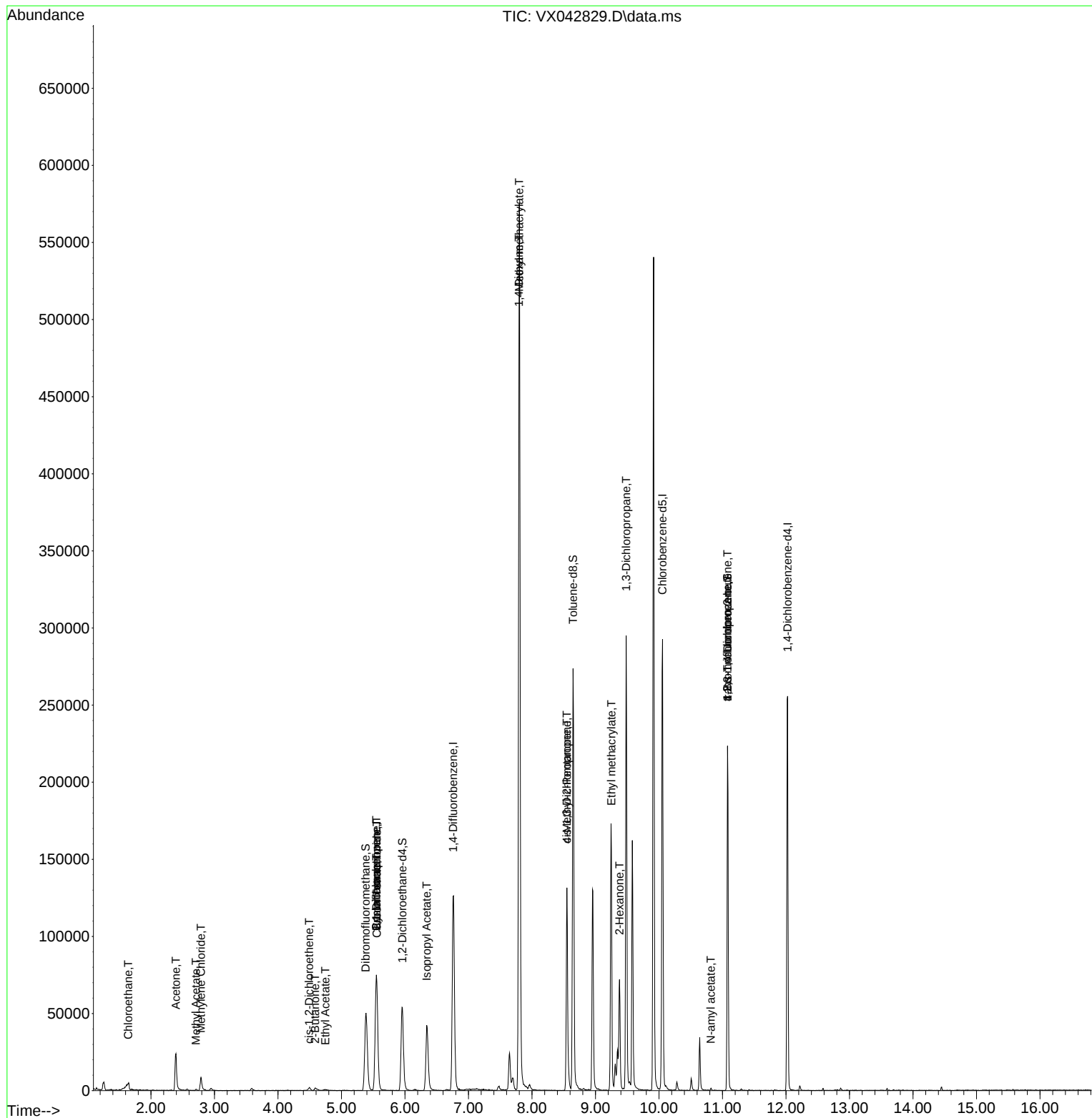
Internal Standards						
1) Pentafluorobenzene	5.550	168	67593	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	133116	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	129574	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	53217	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	55813	51.396	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.800%
35) Dibromofluoromethane	5.379	113	44465	48.354	ug/l	-0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.700%
50) Toluene-d8	8.647	98	162229	48.603	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.200%
62) 4-Bromofluorobenzene	11.079	95	60318	49.449	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.900%
Target Compounds						
					Qvalue	
3) Chloromethane	1.258	50	69	Below Cal	#	43
6) Chloroethane	1.642	64	71	0.235	ug/l #	43
11) Tert butyl alcohol	2.947	59	1067	Below Cal	#	78
16) Acetone	2.392	43	29613	75.098	ug/l #	89
18) Methyl Acetate	2.709	43	905	0.914	ug/l #	61
20) Methylene Chloride	2.788	84	4770	4.521	ug/l	89
25) 2-Butanone	4.587	43	3002	5.182	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	1203	1.212	ug/l	84
31) Cyclohexane	5.550	56	1686	1.409	ug/l #	31
36) 1,1-Dichloropropene	5.550	75	5717	4.794	ug/l #	51
37) Ethyl Acetate	4.745	43	1444	1.186	ug/l #	73
38) Carbon Tetrachloride	5.556	117	7978	5.805	ug/l #	15
43) Isopropyl Acetate	6.342	43	55142	28.960	ug/l #	91
48) Methyl methacrylate	7.799	41	50804	54.270	ug/l #	49
49) 1,4-Dioxane	7.793	88	55	33.025	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	44922	35.622	ug/l #	52
54) cis-1,3-Dichloropropene	8.549	75	21729	15.844	ug/l #	54
56) Ethyl methacrylate	9.250	69	851	0.598	ug/l #	1
57) 1,3-Dichloropropane	9.482	76	2730	1.762	ug/l #	42
59) 2-Hexanone	9.378	43	52043	53.217	ug/l #	26
74) N-amyl acetate	10.817	43	402	0.257	ug/l #	49
76) 1,2,3-Trichloropropane	11.079	75	31659	26.035	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	31659	77.058	ug/l #	5

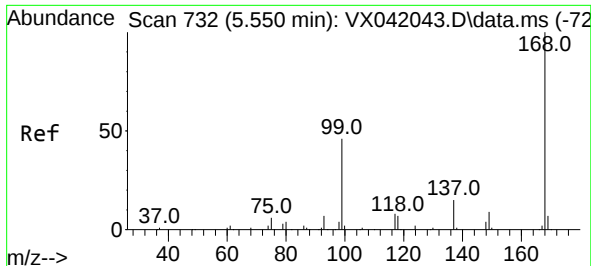
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Aug 01 16:40:12 2024
Response via : Initial Calibration

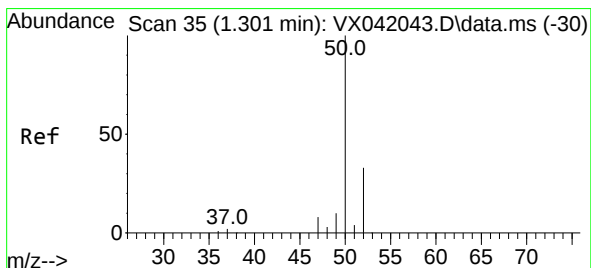
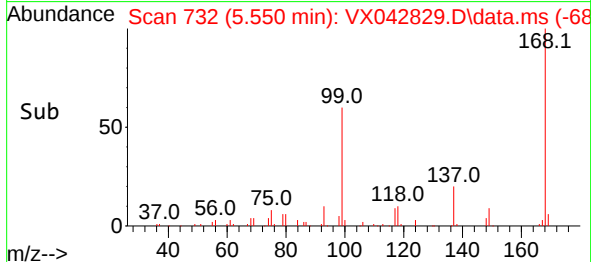
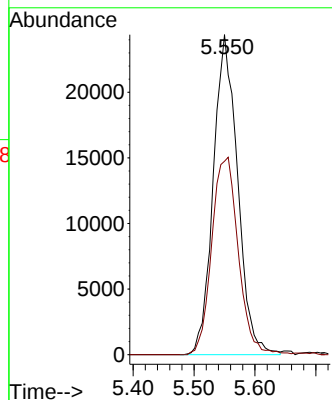
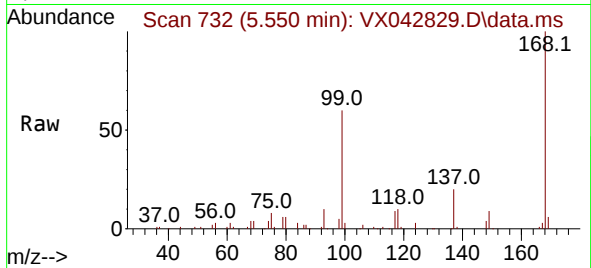




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042829.D
Acq: 02 Aug 2024 06:35

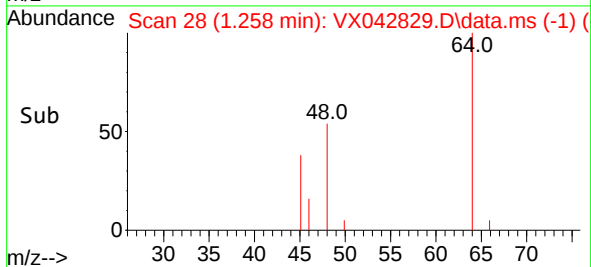
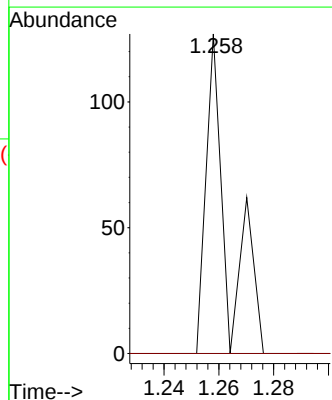
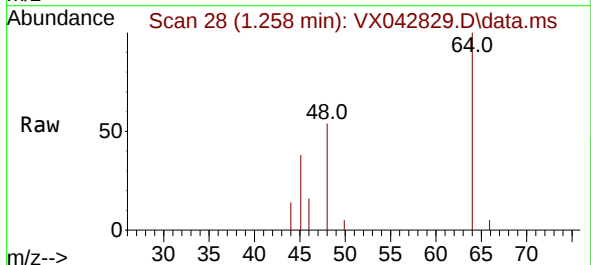
Instrument :
MSVOA_X
ClientSampleId :
VNJ-222

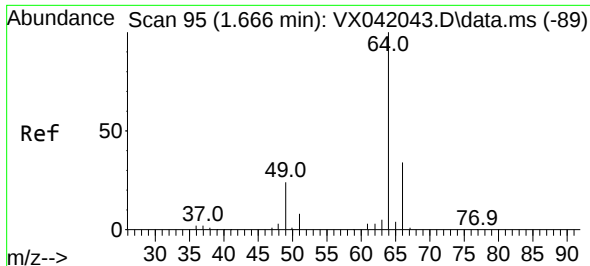
Tgt Ion:168 Resp: 67593
Ion Ratio Lower Upper
168 100
99 60.5 56.6 85.0



#3
Chloromethane
Concen: Below Cal
RT: 1.258 min Scan# 28
Delta R.T. -0.049 min
Lab File: VX042829.D
Acq: 02 Aug 2024 06:35

Tgt Ion: 50 Resp: 69
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

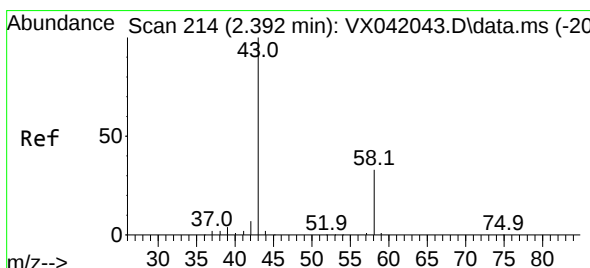
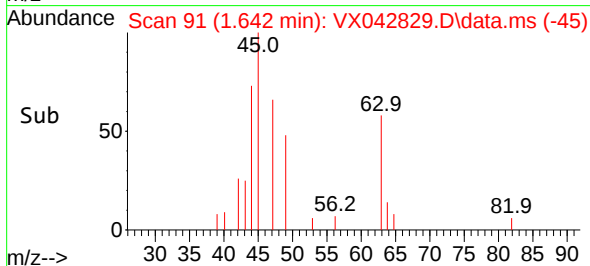
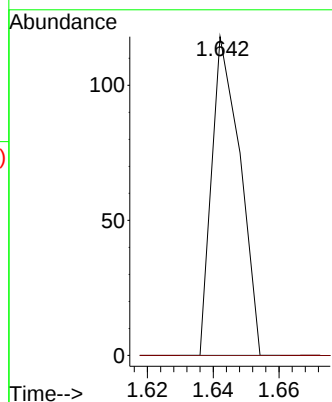
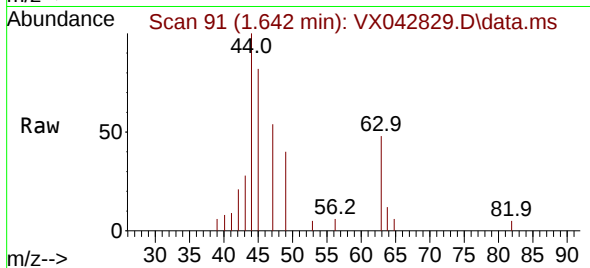




#6
Chloroethane
Concen: 0.235 ug/l
RT: 1.642 min Scan# 91
Delta R.T. -0.018 min
Lab File: VX042829.D
Acq: 02 Aug 2024 06:35

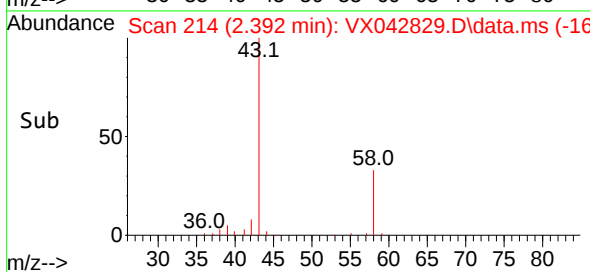
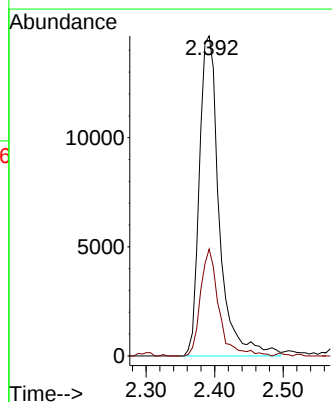
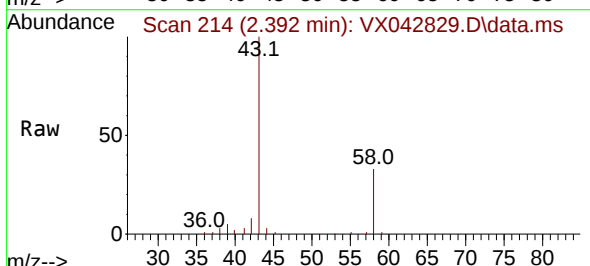
Instrument :
MSVOA_X
ClientSampleId :
VNJ-222

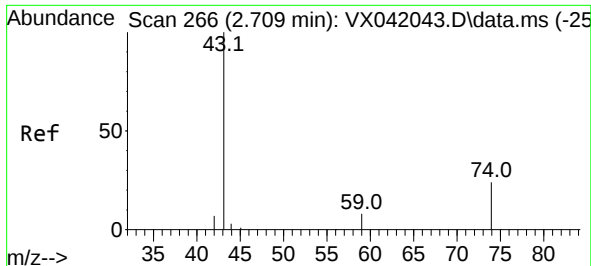
Tgt Ion: 64 Resp: 71
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#16
Acetone
Concen: 75.098 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX042829.D
Acq: 02 Aug 2024 06:35

Tgt Ion: 43 Resp: 29613
Ion Ratio Lower Upper
43 100
58 33.4 21.9 32.9#

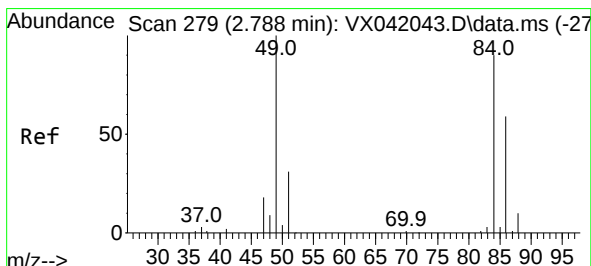
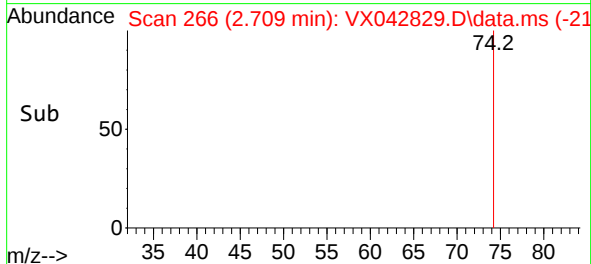
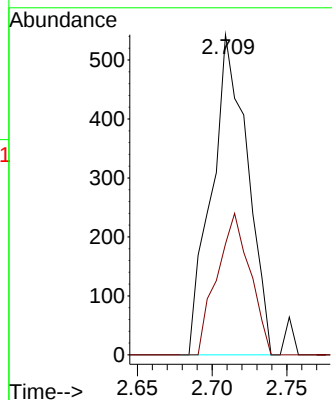
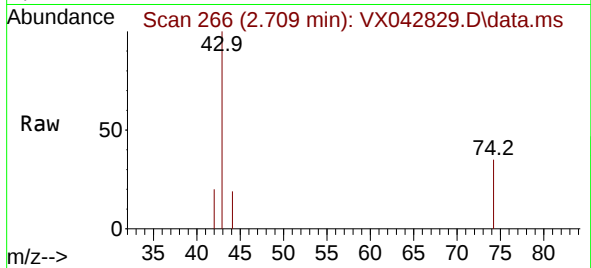




#18
Methyl Acetate
Concen: 0.914 ug/l
RT: 2.709 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX042829.D
Acq: 02 Aug 2024 06:35

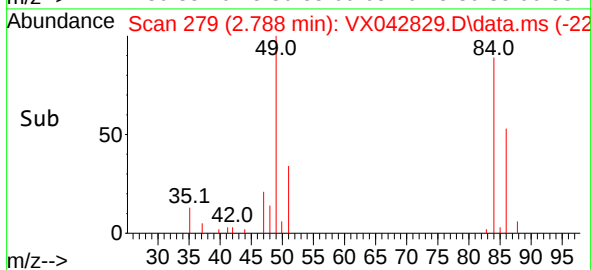
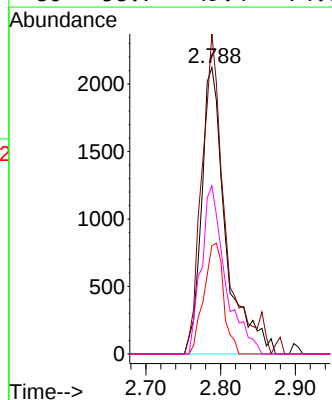
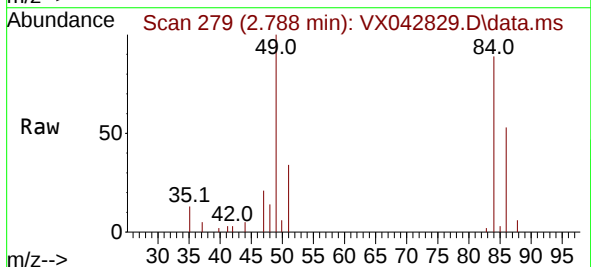
Instrument :
MSVOA_X
ClientSampleId :
VNJ-222

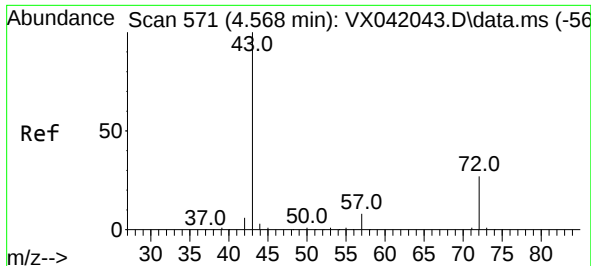
Tgt Ion: 43 Resp: 905
Ion Ratio Lower Upper
43 100
74 40.9 17.8 26.8#



#20
Methylene Chloride
Concen: 4.521 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX042829.D
Acq: 02 Aug 2024 06:35

Tgt Ion: 84 Resp: 4770
Ion Ratio Lower Upper
84 100
49 111.7 103.6 155.4
51 37.7 33.8 50.6
86 58.7 49.4 74.0

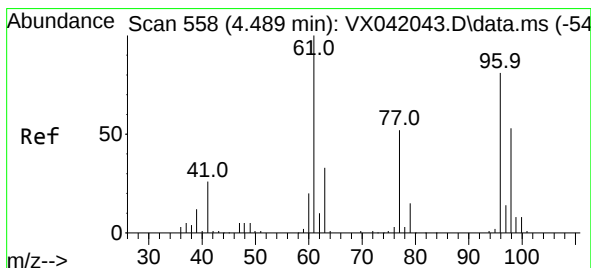
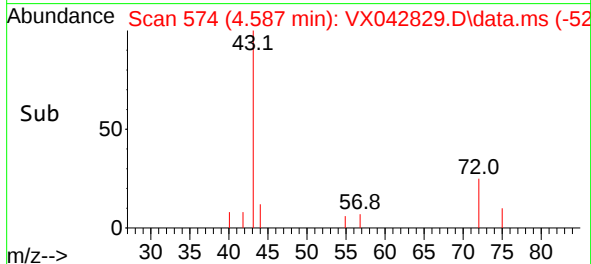
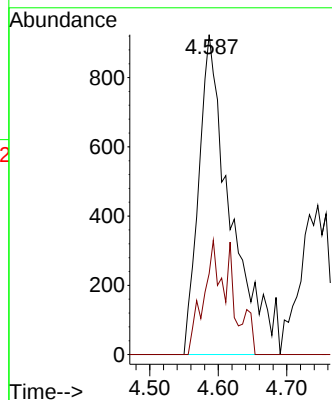
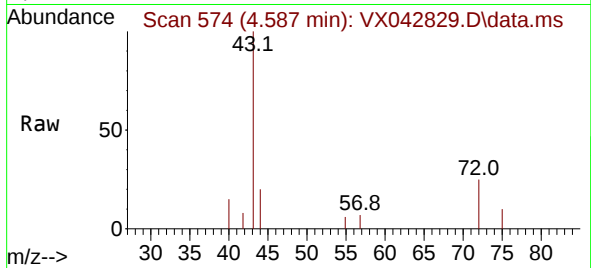




#25
2-Butanone
Concen: 5.182 ug/l
RT: 4.587 min Scan# 51
Delta R.T. 0.013 min
Lab File: VX042829.D
Acq: 02 Aug 2024 06:35

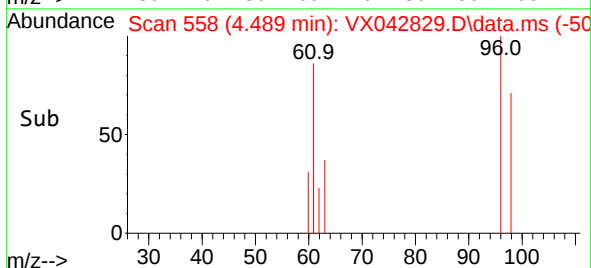
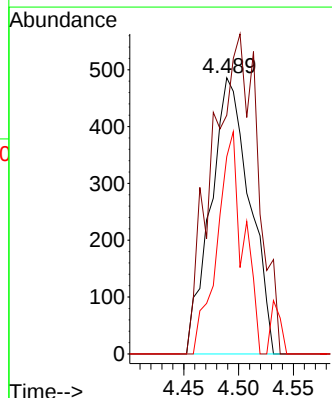
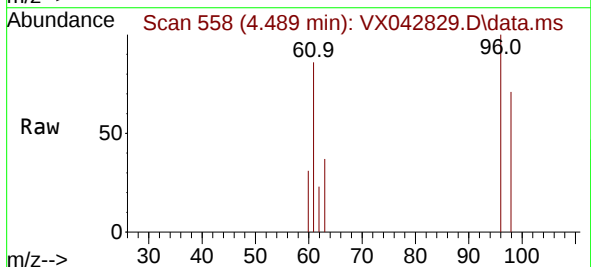
Instrument :
MSVOA_X
ClientSampleId :
VNJ-222

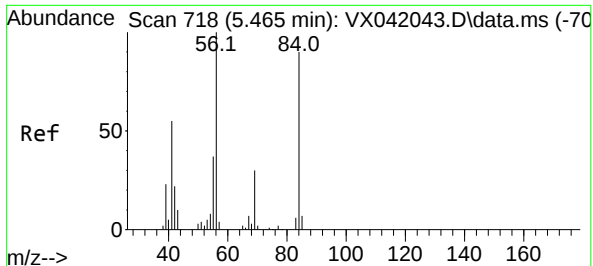
Tgt Ion: 43 Resp: 3002
Ion Ratio Lower Upper
43 100
72 25.3 19.4 29.2



#27
cis-1,2-Dichloroethene
Concen: 1.212 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX042829.D
Acq: 02 Aug 2024 06:35

Tgt Ion: 96 Resp: 1203
Ion Ratio Lower Upper
96 100
61 134.5 0.0 312.2
98 54.3 0.0 129.0

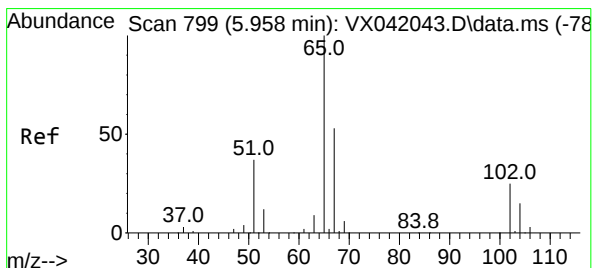
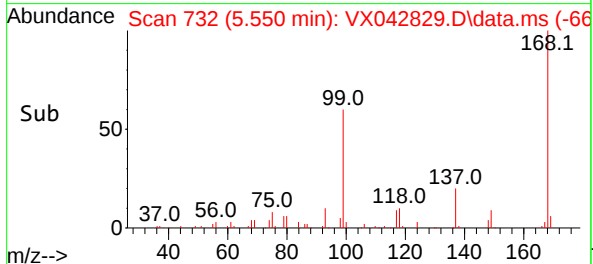
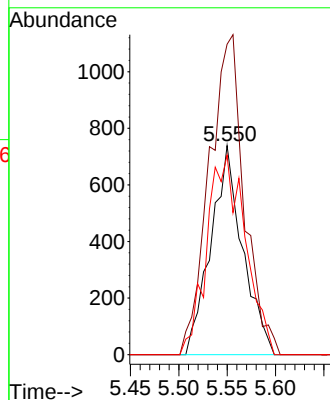
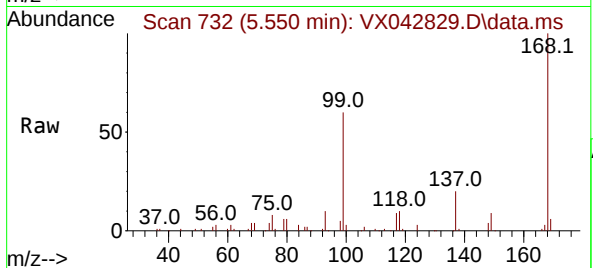




#31
Cyclohexane
Concen: 1.409 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.086 min
Lab File: VX042829.D
Acq: 02 Aug 2024 06:35

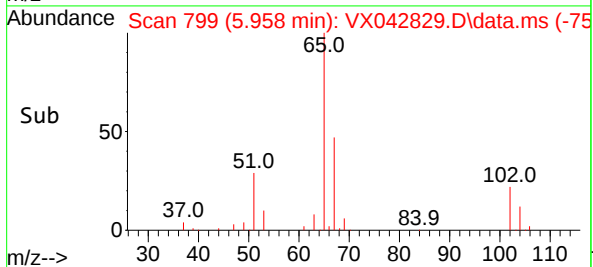
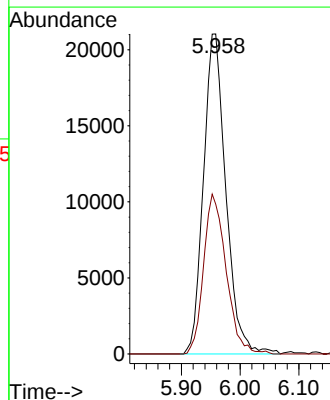
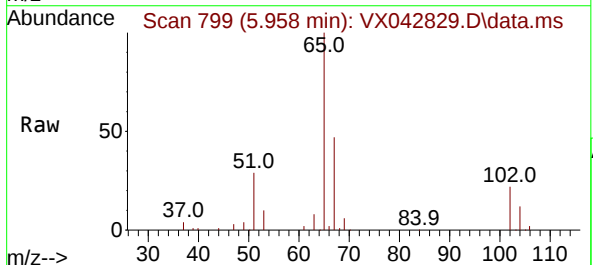
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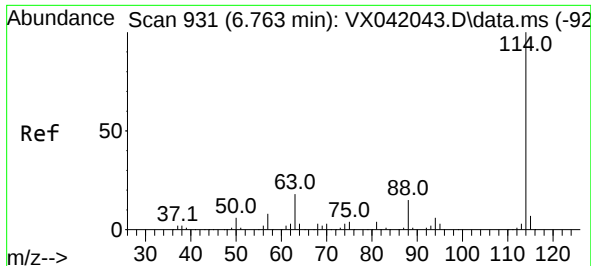
Tgt Ion: 56 Resp: 1686
Ion Ratio Lower Upper
56 100
69 148.4 23.4 35.2#
84 95.4 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 51.396 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX042829.D
Acq: 02 Aug 2024 06:35

Tgt Ion: 65 Resp: 55813
Ion Ratio Lower Upper
65 100
67 50.3 0.0 100.2

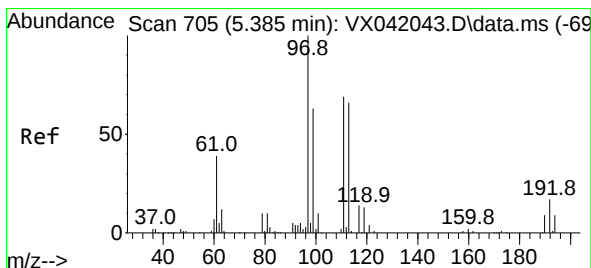
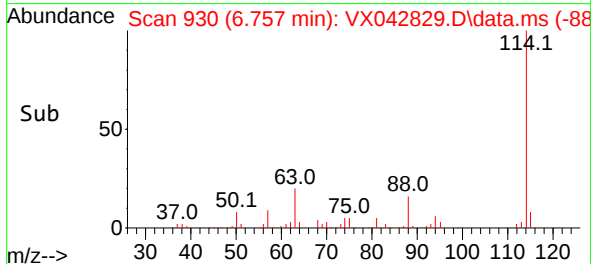
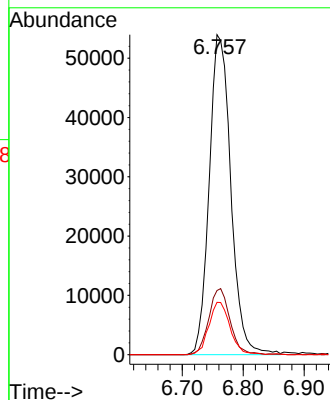
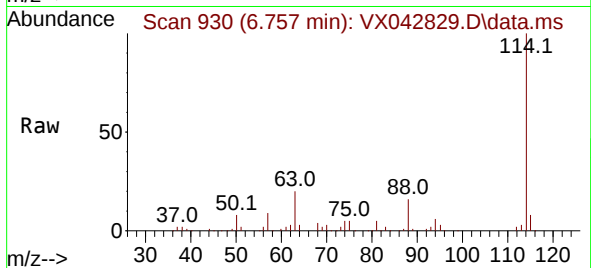




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX042829.D
Acq: 02 Aug 2024 06:35

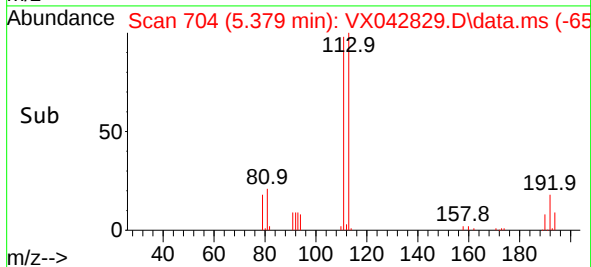
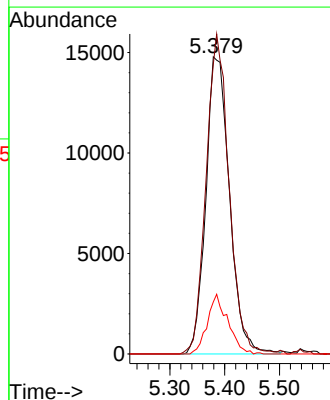
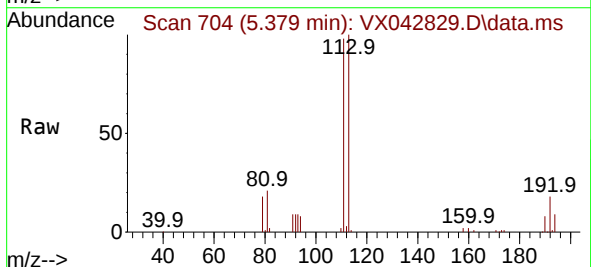
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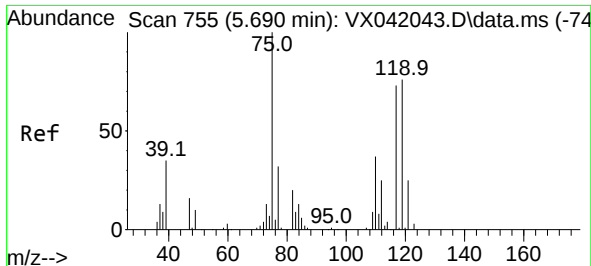
Tgt Ion:114 Resp: 133116
Ion Ratio Lower Upper
114 100
63 20.1 0.0 45.0
88 16.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.354 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.012 min
Lab File: VX042829.D
Acq: 02 Aug 2024 06:35

Tgt Ion:113 Resp: 44465
Ion Ratio Lower Upper
113 100
111 104.1 82.9 124.3
192 17.4 13.3 19.9

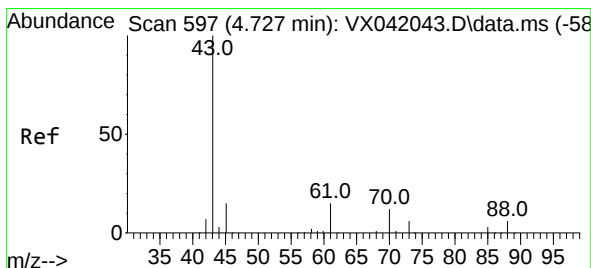
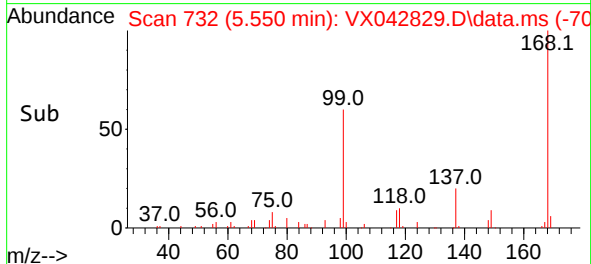
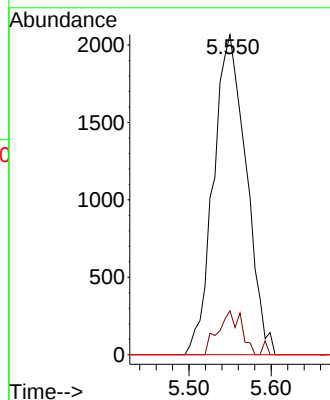
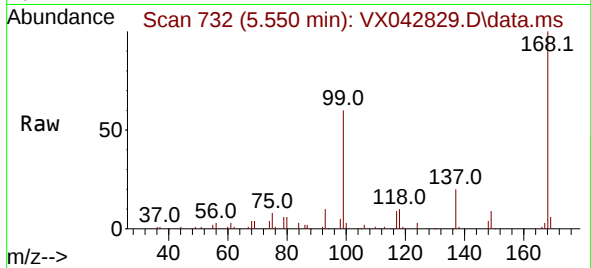




#36
1,1-Dichloropropene
Concen: 4.794 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX042829.D
Acq: 02 Aug 2024 06:35

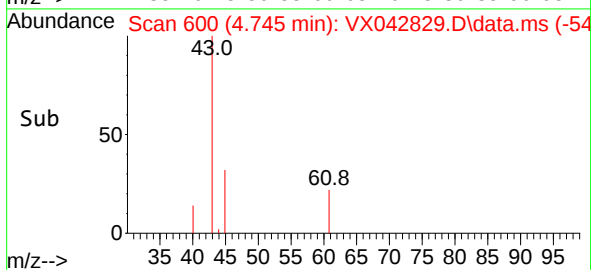
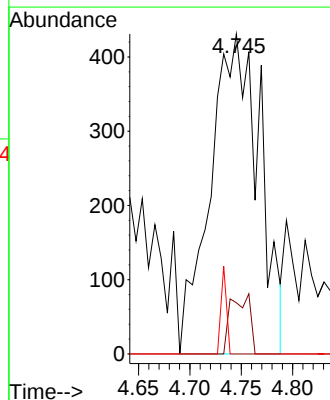
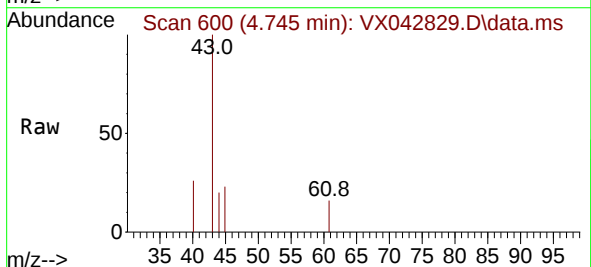
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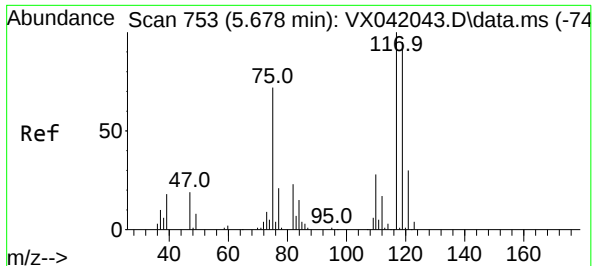
Tgt Ion: 75 Resp: 5717
Ion Ratio Lower Upper
75 100
110 9.8 17.0 50.9#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 1.186 ug/l
RT: 4.745 min Scan# 600
Delta R.T. 0.018 min
Lab File: VX042829.D
Acq: 02 Aug 2024 06:35

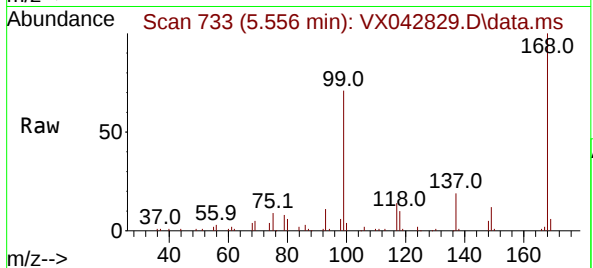
Tgt Ion: 43 Resp: 1444
Ion Ratio Lower Upper
43 100
61 0.0 10.6 16.0#
70 3.0 8.3 12.5#



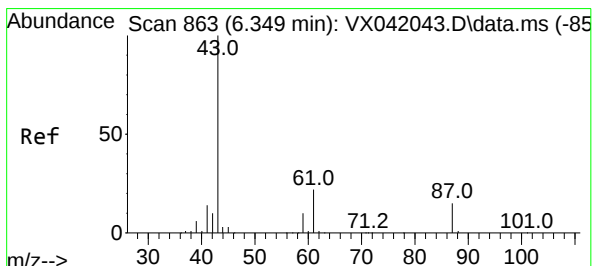
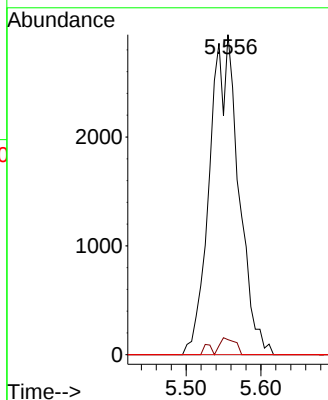
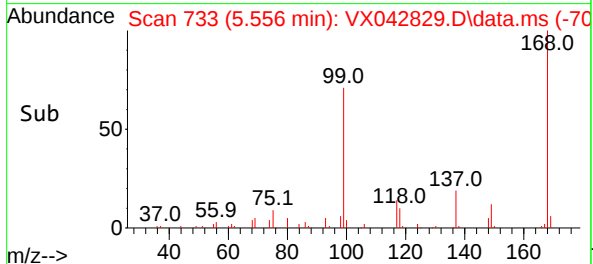


#38
Carbon Tetrachloride
Concen: 5.805 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX042829.D
Acq: 02 Aug 2024 06:35

Instrument :
MSVOA_X
ClientSampleId :
VNJ-222

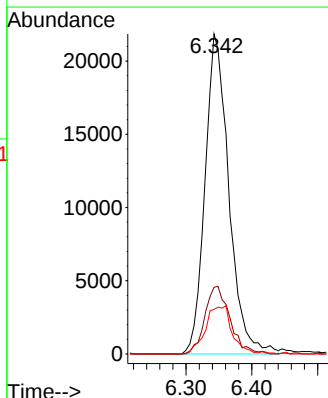
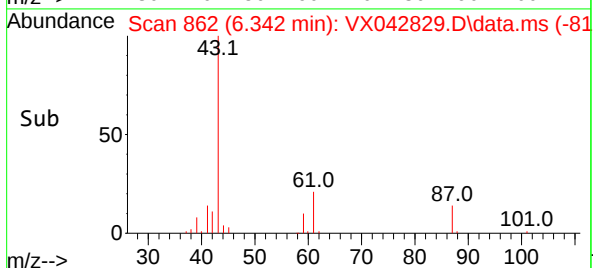
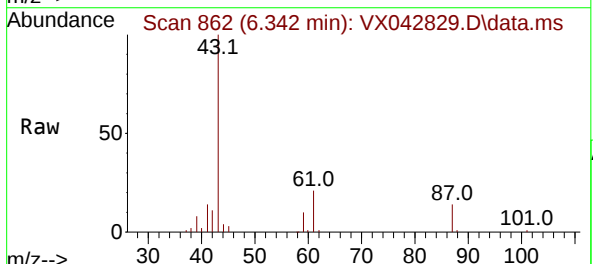


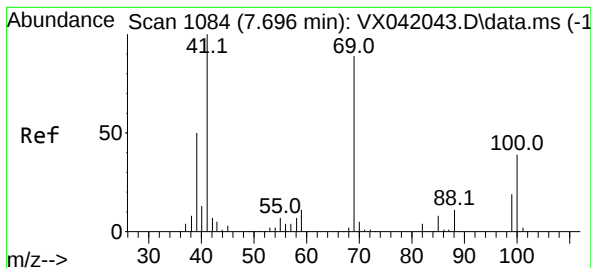
Tgt Ion:117 Resp: 7978
Ion Ratio Lower Upper
117 100
119 4.7 78.2 117.2#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 28.960 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.006 min
Lab File: VX042829.D
Acq: 02 Aug 2024 06:35

Tgt Ion: 43 Resp: 55142
Ion Ratio Lower Upper
43 100
61 22.2 15.2 22.8
87 16.5 9.8 14.6#





#48

Methyl methacrylate

Concen: 54.270 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.103 min

Lab File: VX042829.D

Acq: 02 Aug 2024 06:35

Instrument :

MSVOA_X

ClientSampleId :

VNJ-222

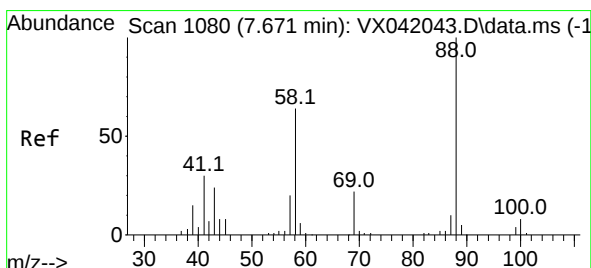
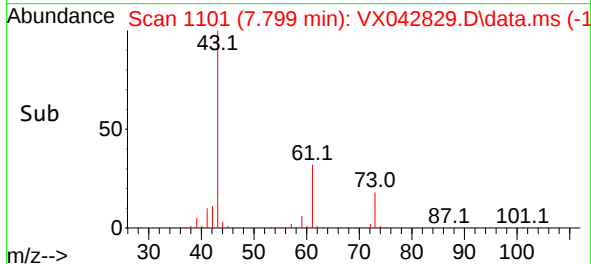
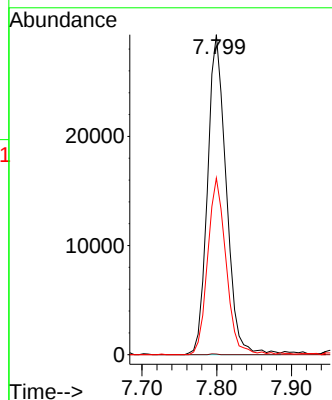
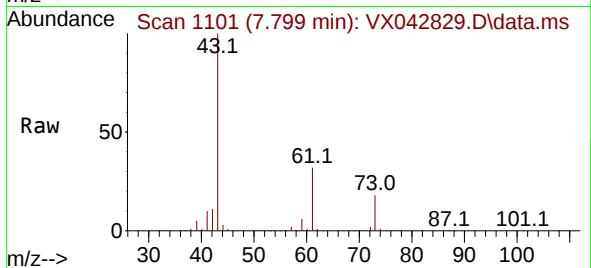
Tgt Ion: 41 Resp: 50804

Ion Ratio Lower Upper

41 100

69 0.1 59.2 88.8#

39 54.4 47.7 71.5



#49

1,4-Dioxane

Concen: 33.025 ug/l

RT: 7.793 min Scan# 1100

Delta R.T. 0.128 min

Lab File: VX042829.D

Acq: 02 Aug 2024 06:35

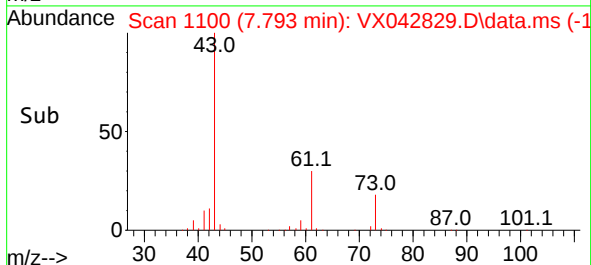
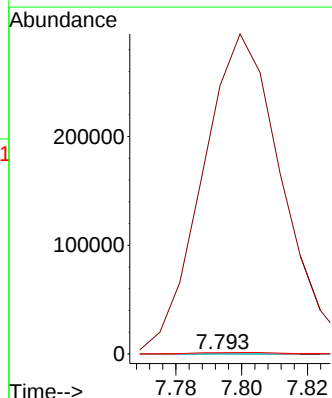
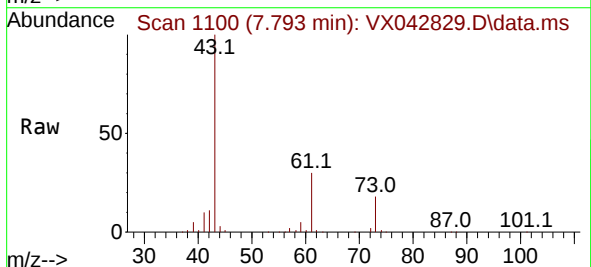
Tgt Ion: 88 Resp: 55

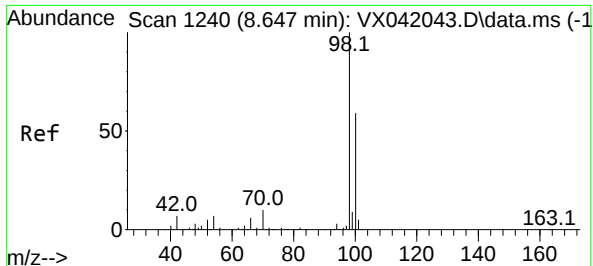
Ion Ratio Lower Upper

88 100

43 927243.6 0.0 0.0#

58 4945.5 60.1 90.1#

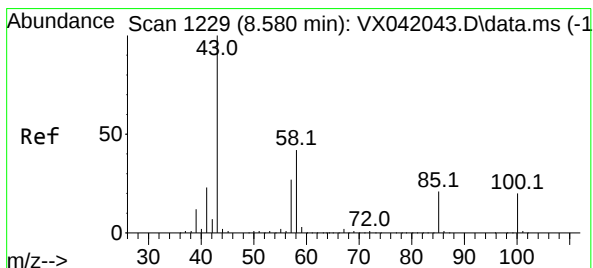
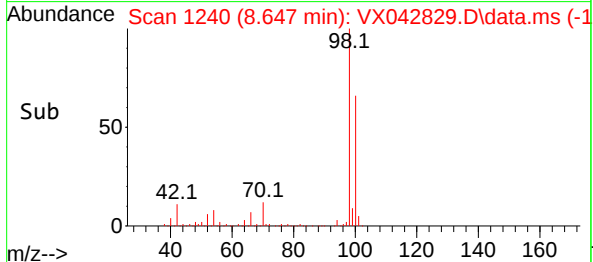
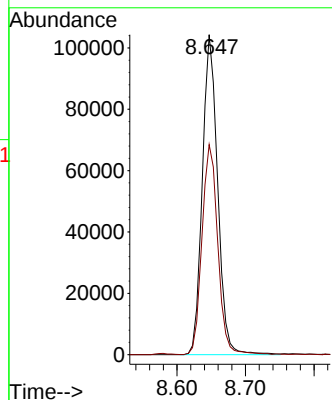
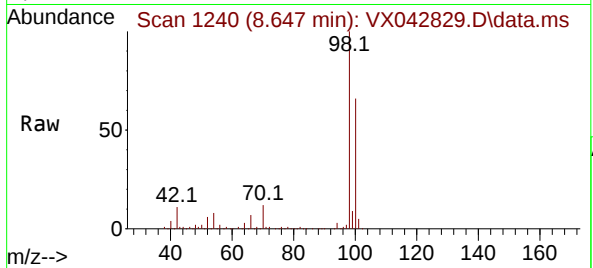




#50
Toluene-d8
Concen: 48.603 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042829.D
Acq: 02 Aug 2024 06:35

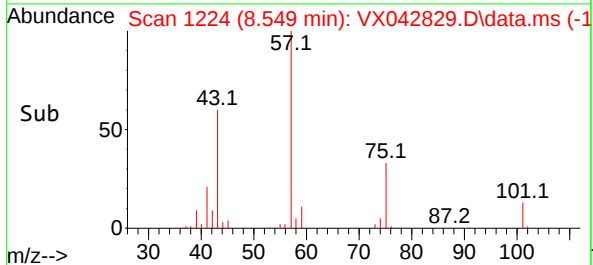
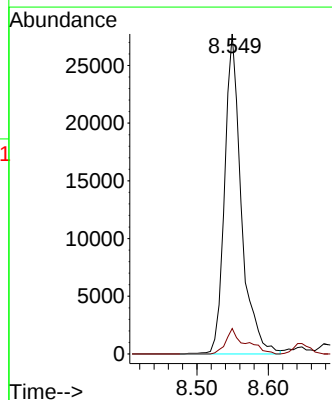
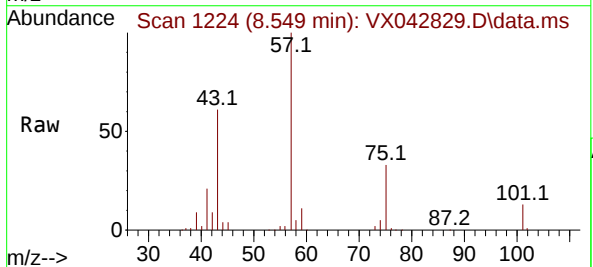
Instrument :
MSVOA_X
ClientSampleId :
VNJ-222

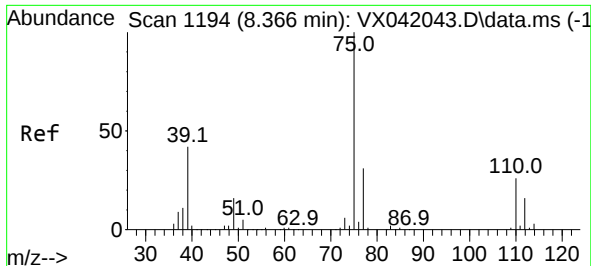
Tgt Ion: 98 Resp: 162229
Ion Ratio Lower Upper
98 100
100 67.8 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 35.622 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.031 min
Lab File: VX042829.D
Acq: 02 Aug 2024 06:35

Tgt Ion: 43 Resp: 44922
Ion Ratio Lower Upper
43 100
58 9.2 30.4 45.6#

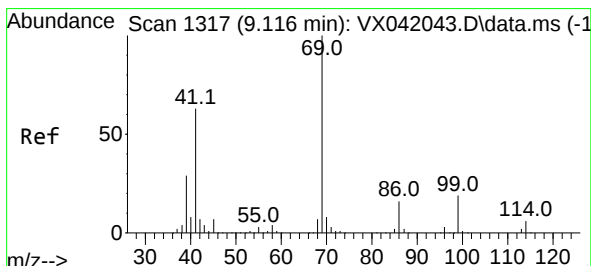
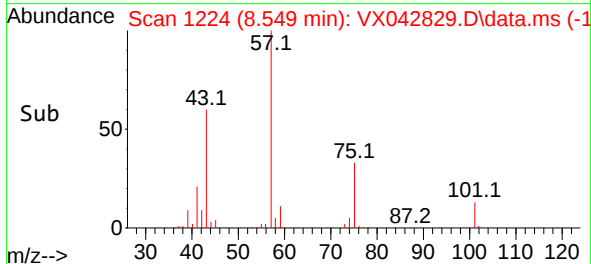
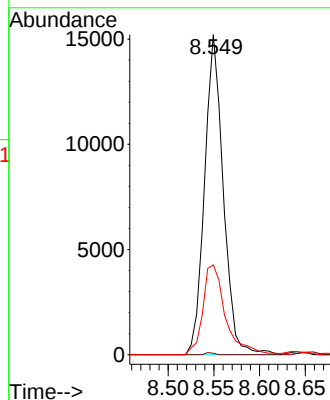
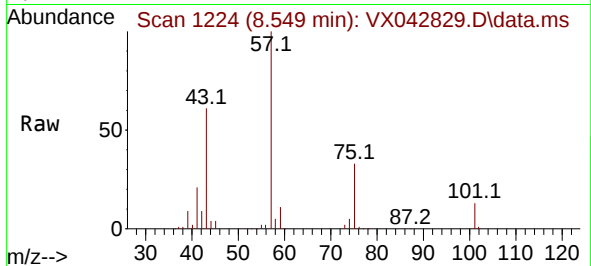




#54
cis-1,3-Dichloropropene
Concen: 15.844 ug/l
RT: 8.549 min Scan# 1194
Delta R.T. 0.183 min
Lab File: VX042829.D
Acq: 02 Aug 2024 06:35

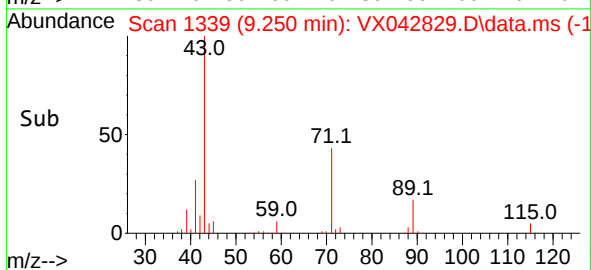
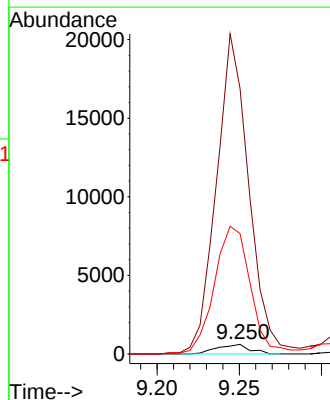
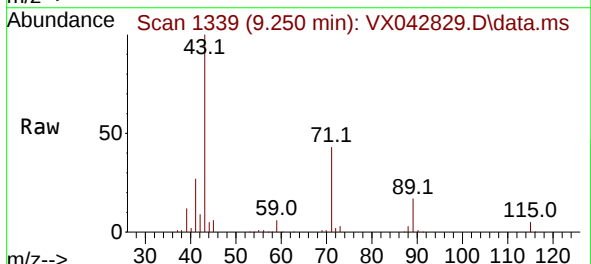
Instrument :
MSVOA_X
ClientSampleId :
VNJ-222

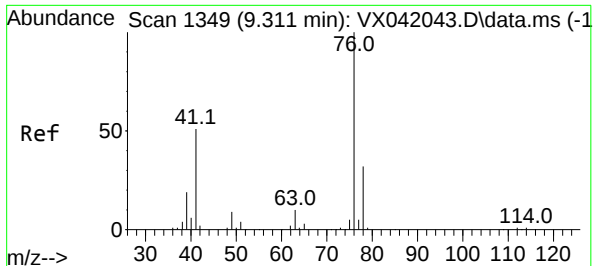
Tgt Ion: 75 Resp: 21729
Ion Ratio Lower Upper
75 100
77 0.5 25.3 37.9#
39 28.1 46.7 70.1#



#56
Ethyl methacrylate
Concen: 0.598 ug/l
RT: 9.250 min Scan# 1339
Delta R.T. 0.128 min
Lab File: VX042829.D
Acq: 02 Aug 2024 06:35

Tgt Ion: 69 Resp: 851
Ion Ratio Lower Upper
69 100
41 3291.3 56.8 85.2#
39 1455.3 32.0 48.0#

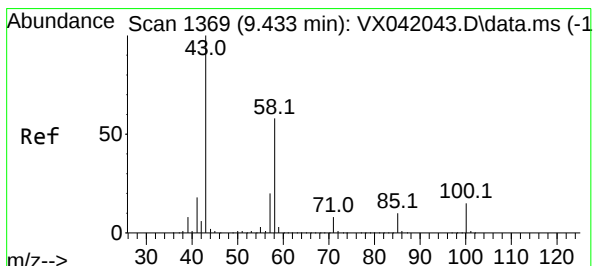
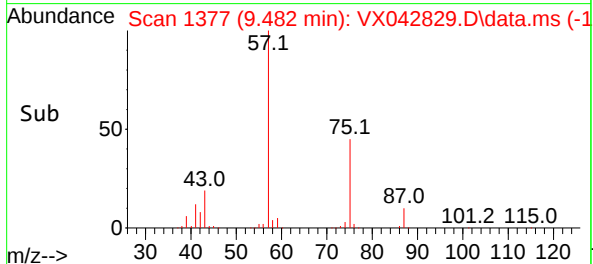
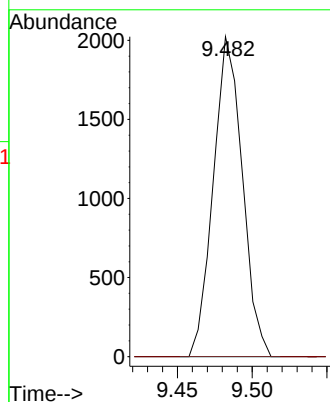
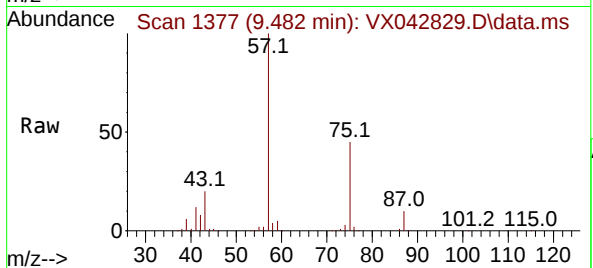




#57
1,3-Dichloropropane
Concen: 1.762 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.171 min
Lab File: VX042829.D
Acq: 02 Aug 2024 06:35

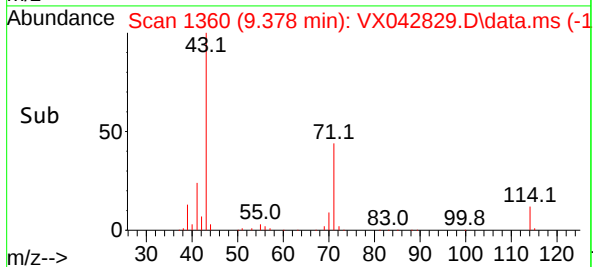
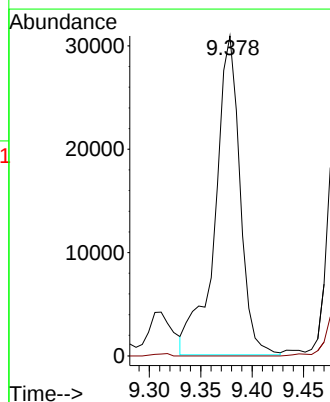
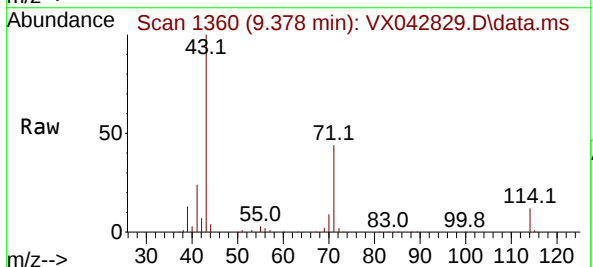
Instrument :
MSVOA_X
ClientSampleId :
VNJ-222

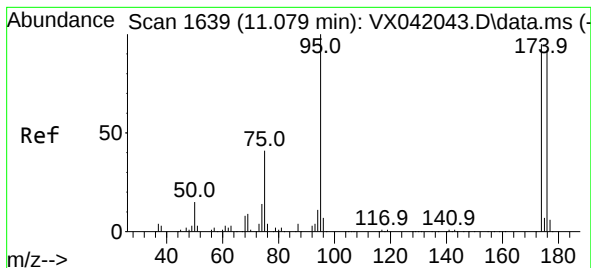
Tgt Ion: 76 Resp: 2730
Ion Ratio Lower Upper
76 100
78 0.0 26.1 39.1#



#59
2-Hexanone
Concen: 53.217 ug/l
RT: 9.378 min Scan# 1360
Delta R.T. -0.055 min
Lab File: VX042829.D
Acq: 02 Aug 2024 06:35

Tgt Ion: 43 Resp: 52043
Ion Ratio Lower Upper
43 100
58 0.0 26.2 78.5#

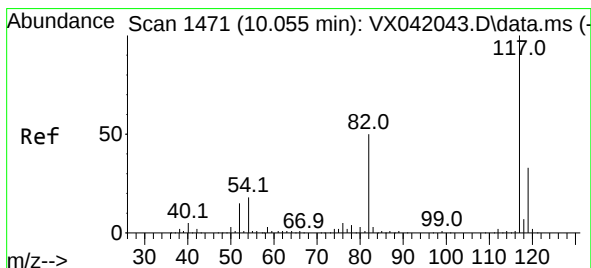
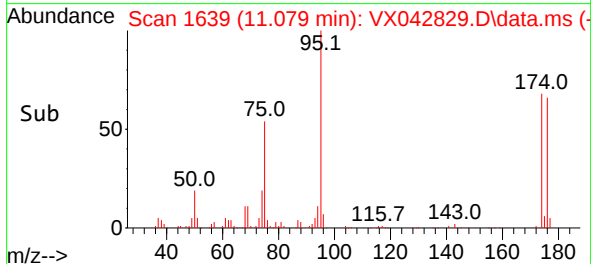
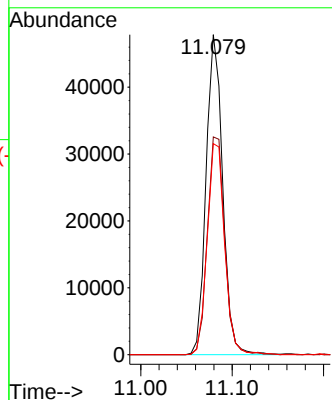
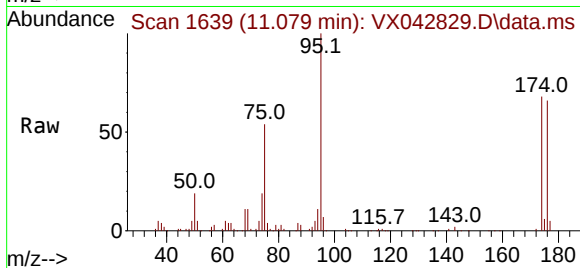




#62
4-Bromofluorobenzene
Concen: 49.449 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042829.D
Acq: 02 Aug 2024 06:35

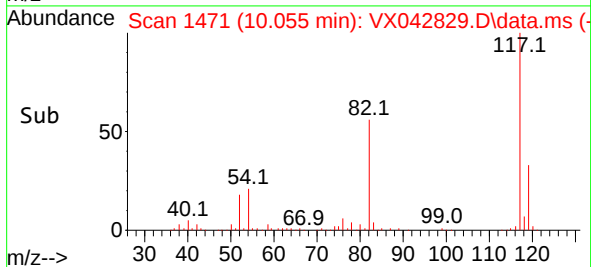
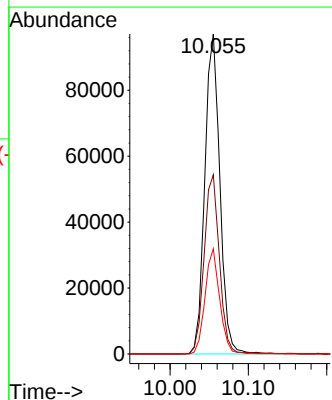
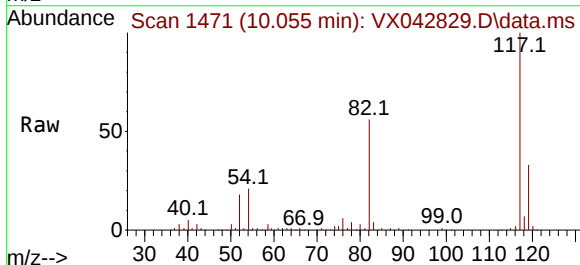
Instrument :
MSVOA_X
ClientSampleId :
VNJ-222

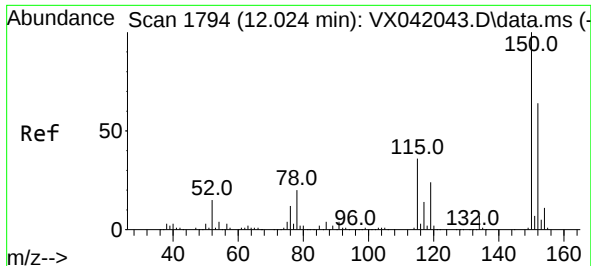
Tgt Ion: 95 Resp: 60318
Ion Ratio Lower Upper
95 100
174 71.3 0.0 135.6
176 69.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042829.D
Acq: 02 Aug 2024 06:35

Tgt Ion: 117 Resp: 129574
Ion Ratio Lower Upper
117 100
82 56.0 46.2 69.4
119 32.8 25.5 38.3

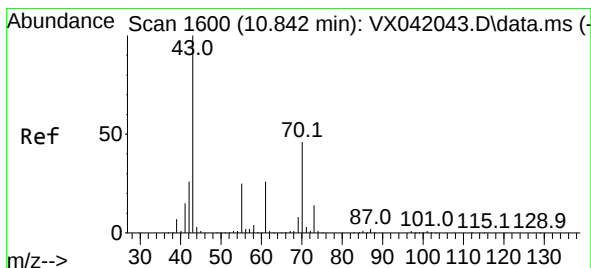
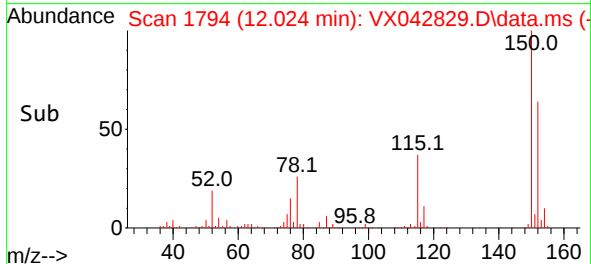
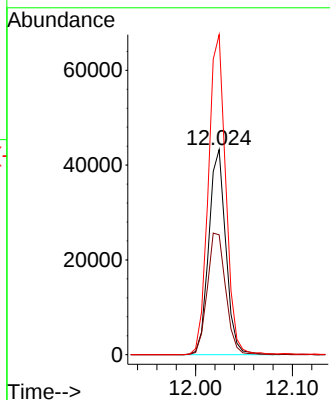
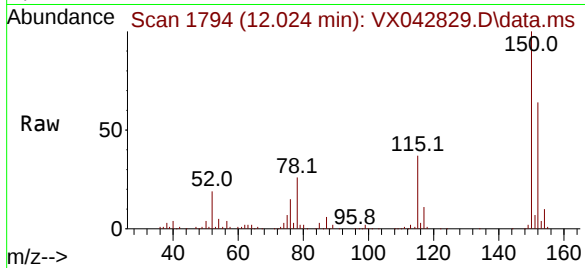




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX042829.D
Acq: 02 Aug 2024 06:35

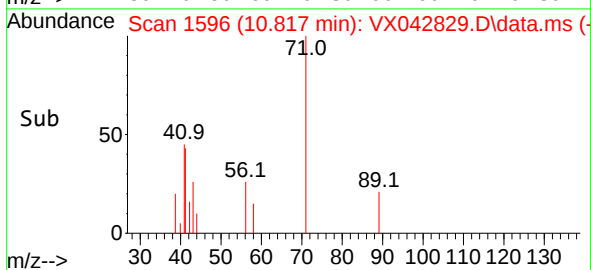
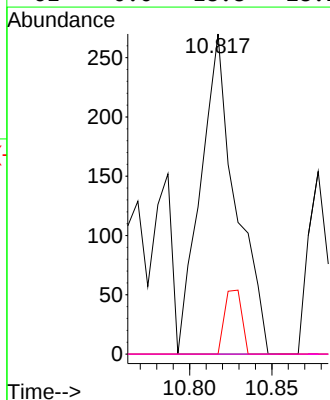
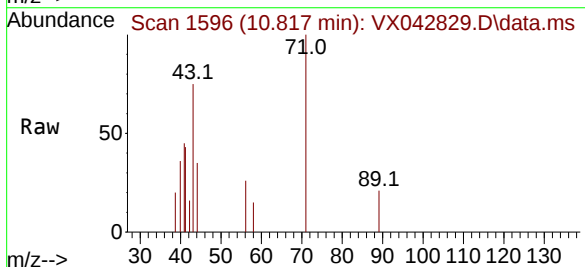
Instrument :
MSVOA_X
ClientSampleId :
VNJ-222

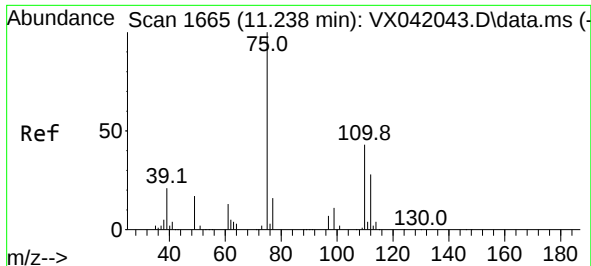
Tgt Ion:152 Resp: 53217
Ion Ratio Lower Upper
152 100
115 63.9 43.3 129.9
150 159.1 0.0 345.0



#74
N-ethyl acetate
Concen: 0.257 ug/l
RT: 10.817 min Scan# 1596
Delta R.T. -0.024 min
Lab File: VX042829.D
Acq: 02 Aug 2024 06:35

Tgt Ion: 43 Resp: 402
Ion Ratio Lower Upper
43 100
70 0.0 32.9 49.3#
55 9.7 19.3 28.9#
61 0.0 18.8 28.2#

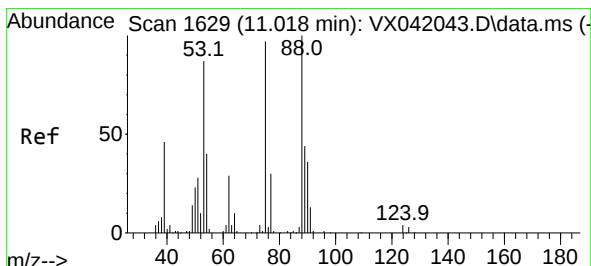
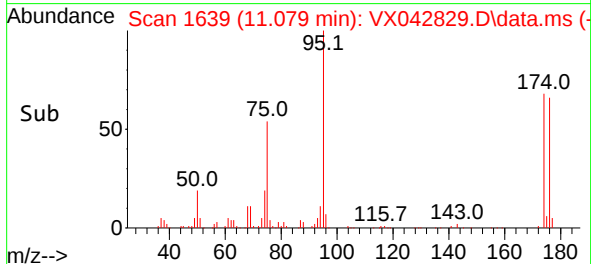
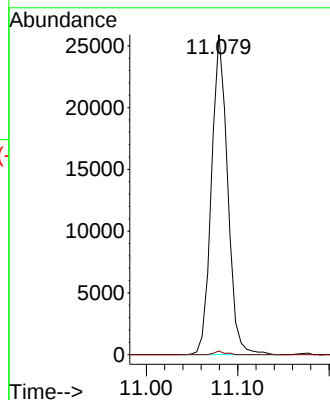
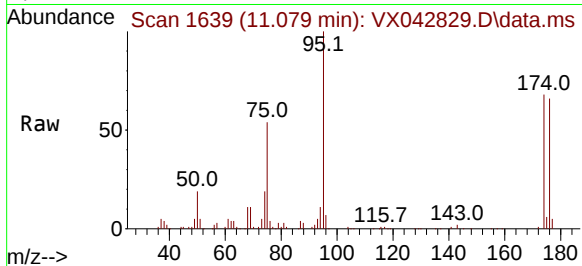




#76
1,2,3-Trichloropropane
Concen: 26.035 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX042829.D
Acq: 02 Aug 2024 06:35

Instrument :
MSVOA_X
ClientSampleId :
VNJ-222

Tgt Ion: 75 Resp: 31659
Ion Ratio Lower Upper
75 100
77 0.7 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.058 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX042829.D
Acq: 02 Aug 2024 06:35

Tgt Ion: 75 Resp: 31659
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

