

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043025\
 Data File : VX045992.D
 Acq On : 30 Apr 2025 12:56
 Operator : JC/MD
 Sample : Q1904-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VNJ-210

Quant Time: May 01 06:50:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

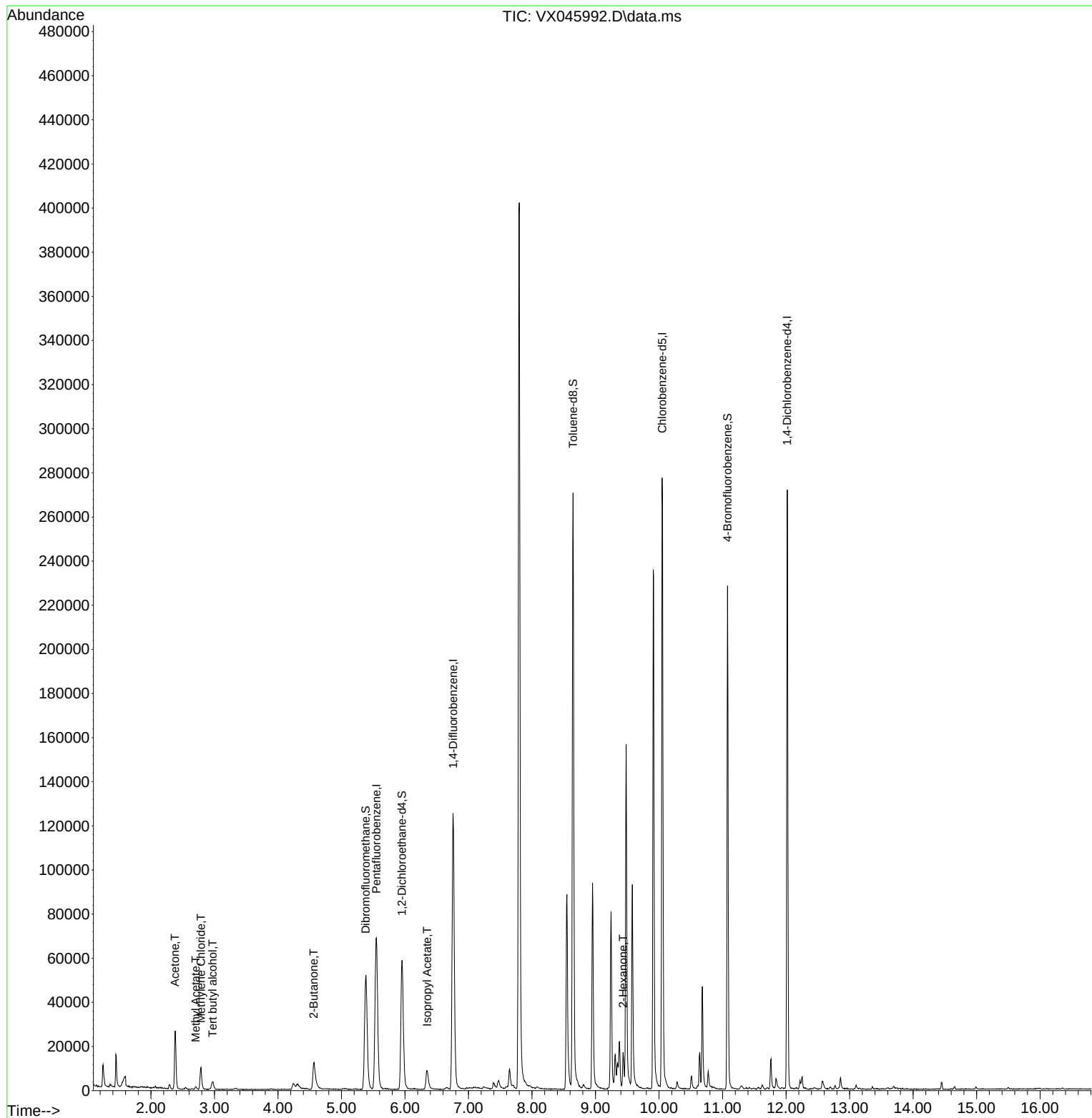
Internal Standards						
1) Pentafluorobenzene	5.550	168	59430	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	118869	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	114672	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	49301	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	60643	55.799	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.600%
35) Dibromofluoromethane	5.379	113	44462	52.719	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.440%
50) Toluene-d8	8.647	98	152330	51.748	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.500%
62) 4-Bromofluorobenzene	11.079	95	57030	53.187	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	106.380%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.971	59	4135	28.310	ug/l	100
16) Acetone	2.379	43	29047	65.087	ug/l	97
18) Methyl Acetate	2.703	43	1664	1.619	ug/l	99
20) Methylene Chloride	2.788	84	4201	5.028	ug/l	87
25) 2-Butanone	4.562	43	24708	37.823	ug/l	99
43) Isopropyl Acetate	6.348	43	13422	6.171	ug/l	98
59) 2-Hexanone	9.433	43	9886	9.259	ug/l	95

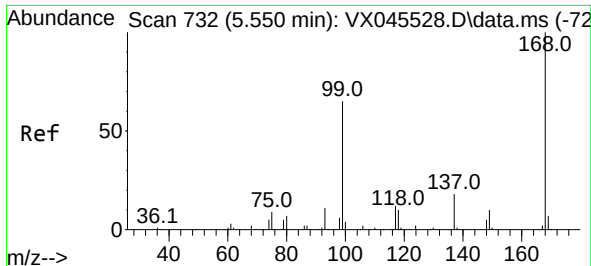
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

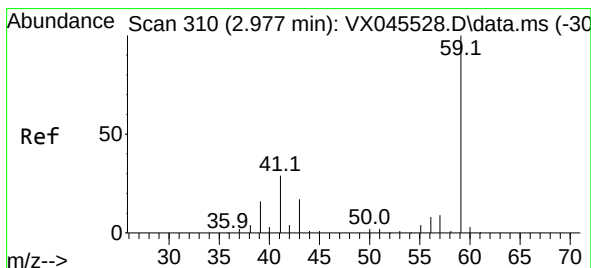
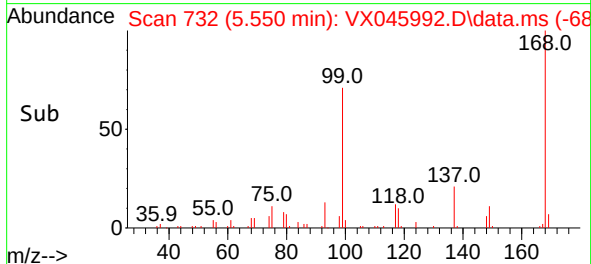
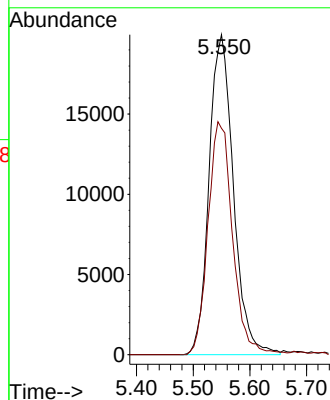
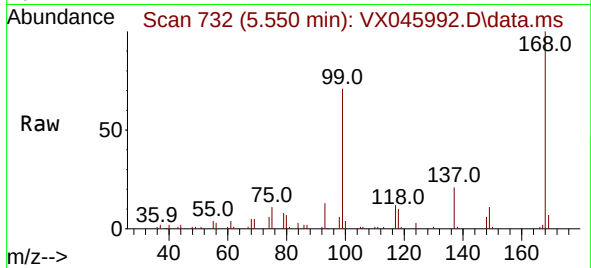




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045992.D
Acq: 30 Apr 2025 12:56

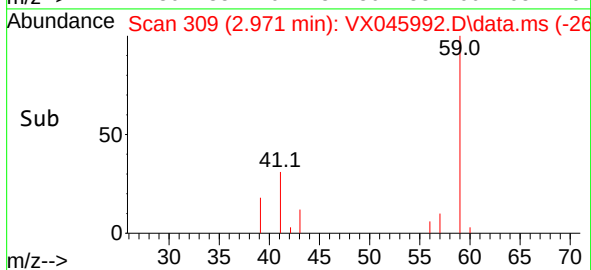
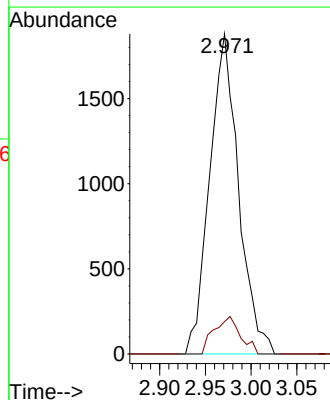
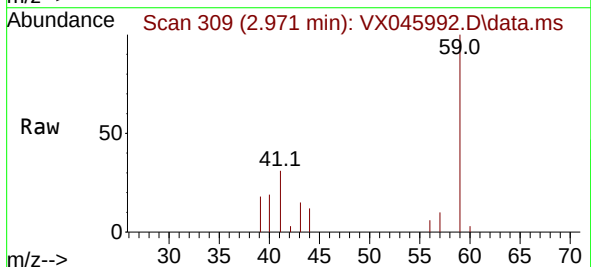
Instrument :
MSVOA_X
ClientSampleId :
VNJ-210

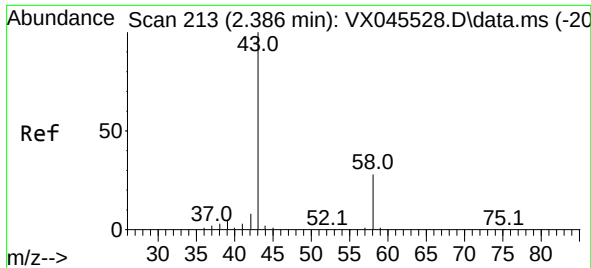
Tgt Ion:168 Resp: 59430
Ion Ratio Lower Upper
168 100
99 70.8 52.3 78.5



#11
Tert butyl alcohol
Concen: 28.310 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX045992.D
Acq: 30 Apr 2025 12:56

Tgt Ion: 59 Resp: 4135
Ion Ratio Lower Upper
59 100
57 10.7 8.6 12.8





#16

Acetone

Concen: 65.087 ug/l

RT: 2.379 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX045992.D

Acq: 30 Apr 2025 12:56

Instrument :

MSVOA_X

ClientSampleId :

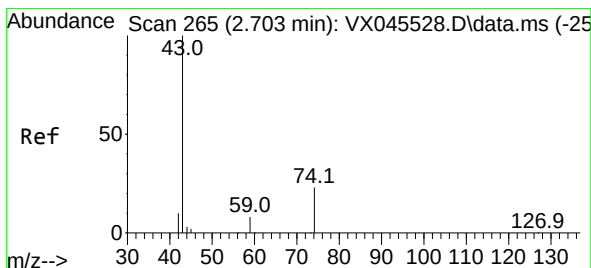
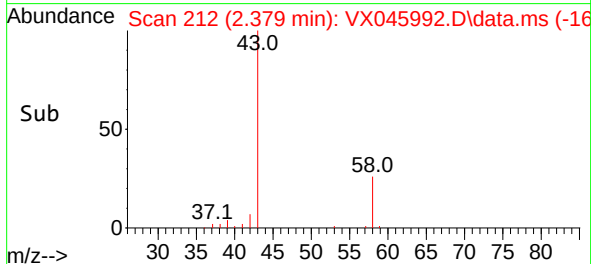
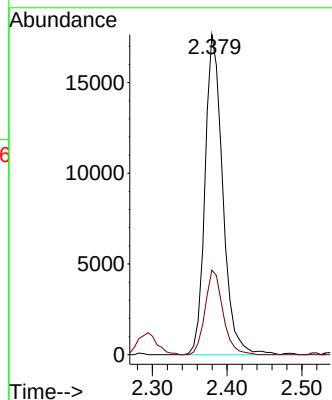
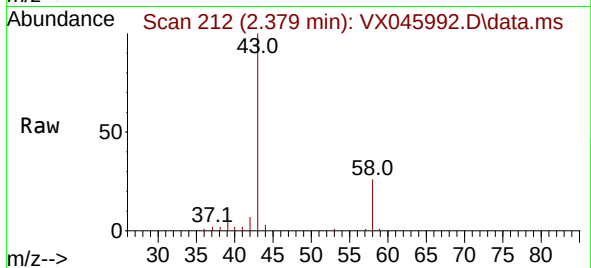
VNJ-210

Tgt Ion: 43 Resp: 29047

Ion Ratio Lower Upper

43 100

58 26.4 22.3 33.5



#18

Methyl Acetate

Concen: 1.619 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX045992.D

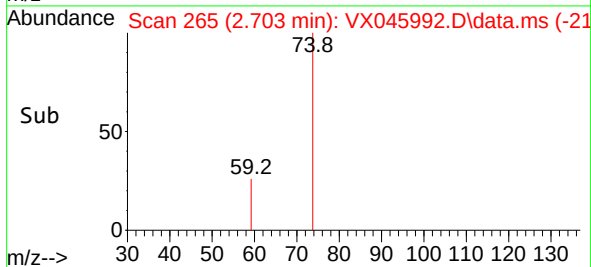
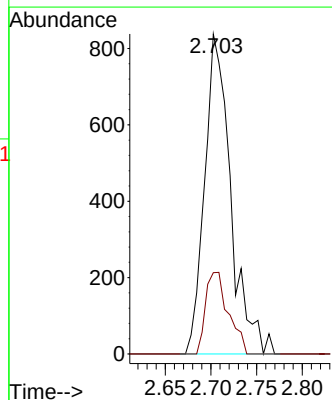
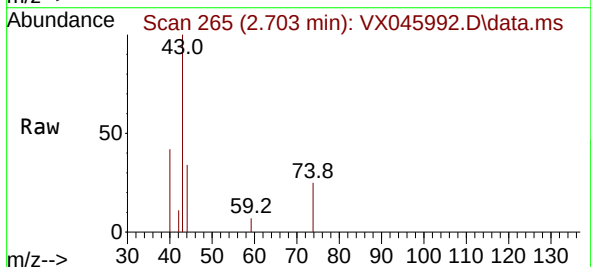
Acq: 30 Apr 2025 12:56

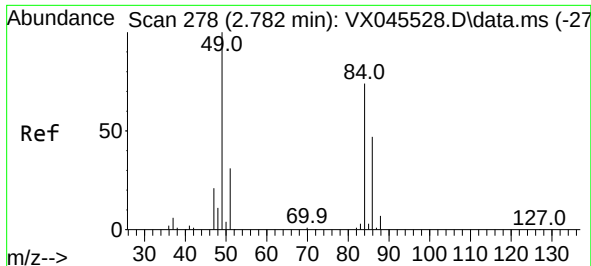
Tgt Ion: 43 Resp: 1664

Ion Ratio Lower Upper

43 100

74 22.2 17.5 26.3

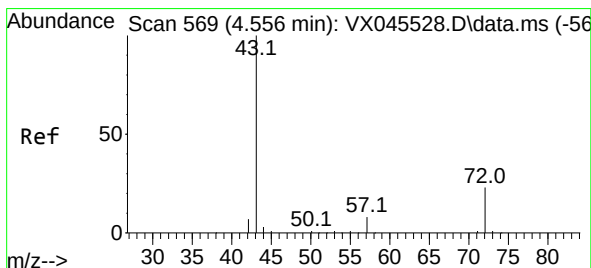
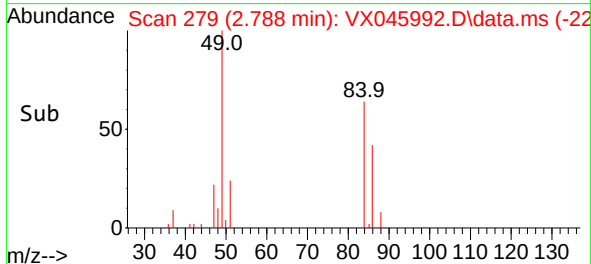
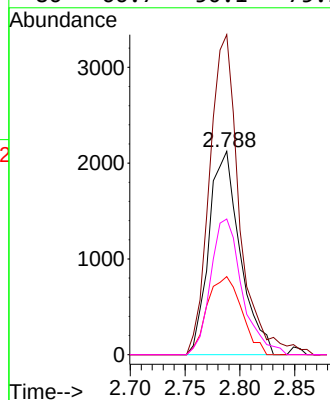
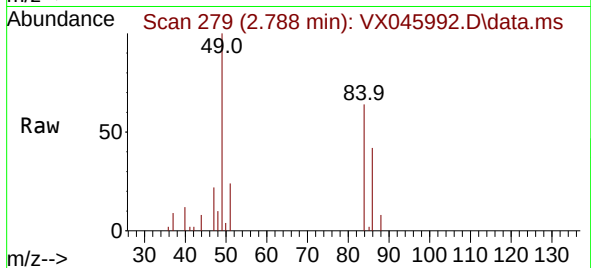




#20
Methylene Chloride
Concen: 5.028 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX045992.D
Acq: 30 Apr 2025 12:56

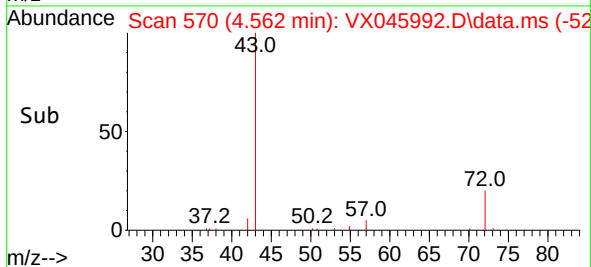
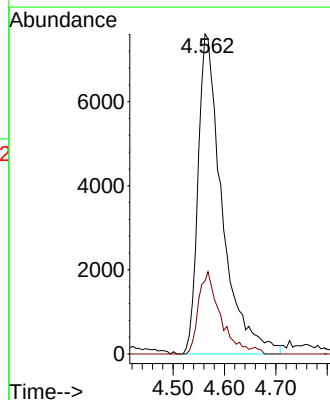
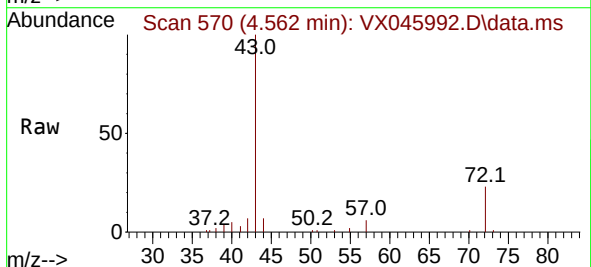
Instrument :
MSVOA_X
ClientSampleId :
VNJ-210

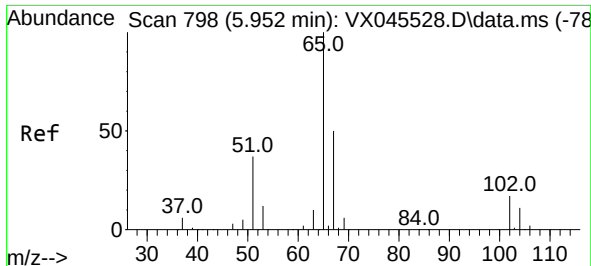
Tgt Ion:	84	Resp:	4201
Ion	Ratio	Lower	Upper
84	100		
49	157.4	107.5	161.3
51	38.4	33.0	49.6
86	66.7	50.1	75.1



#25
2-Butanone
Concen: 37.823 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX045992.D
Acq: 30 Apr 2025 12:56

Tgt Ion:	43	Resp:	24708
Ion	Ratio	Lower	Upper
43	100		
72	22.7	18.6	28.0





#33

1,2-Dichloroethane-d4

Concen: 55.799 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045992.D

Acq: 30 Apr 2025 12:56

Instrument :

MSVOA_X

ClientSampleId :

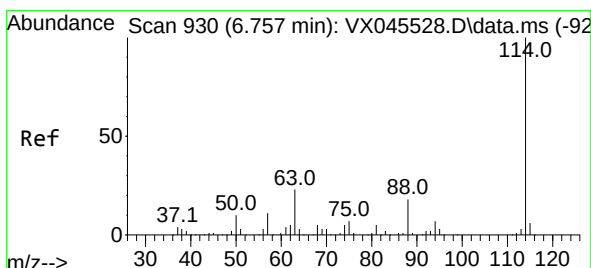
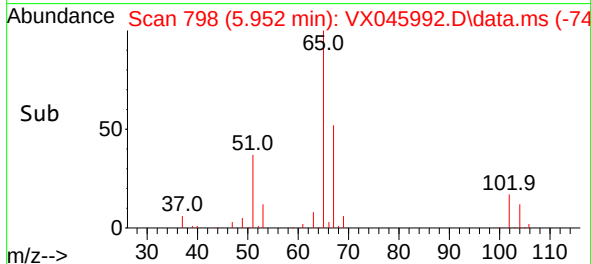
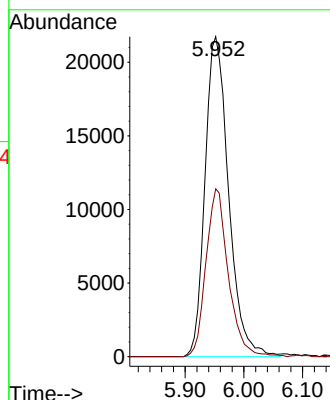
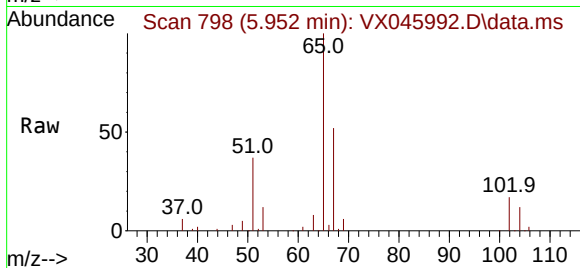
VNJ-210

Tgt Ion: 65 Resp: 60643

Ion Ratio Lower Upper

65 100

67 49.8 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045992.D

Acq: 30 Apr 2025 12:56

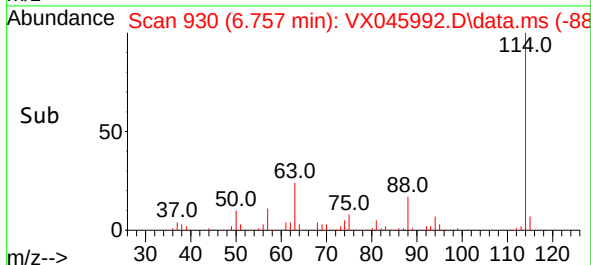
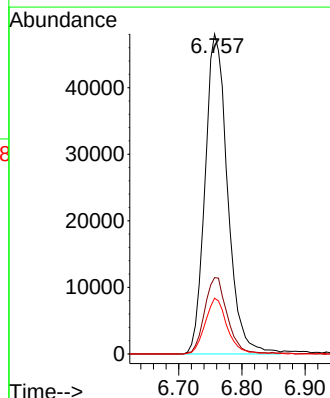
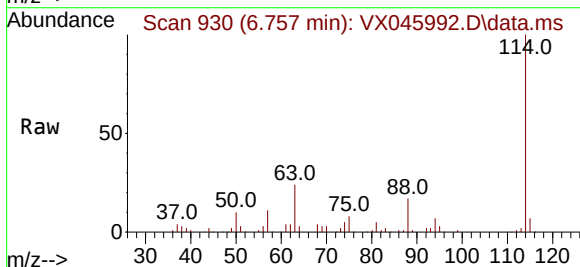
Tgt Ion: 114 Resp: 118869

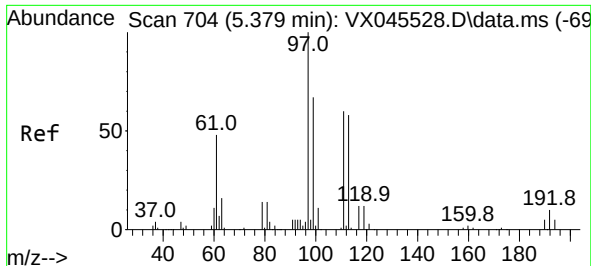
Ion Ratio Lower Upper

114 100

63 23.9 0.0 46.8

88 17.5 0.0 35.4

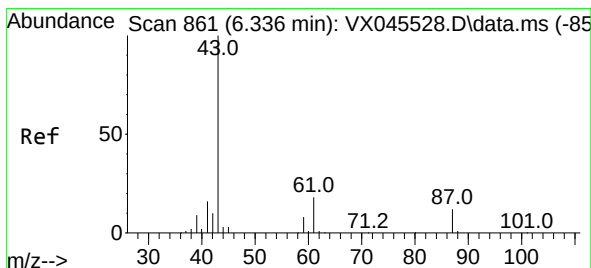
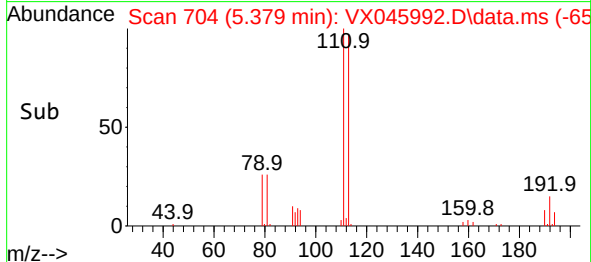
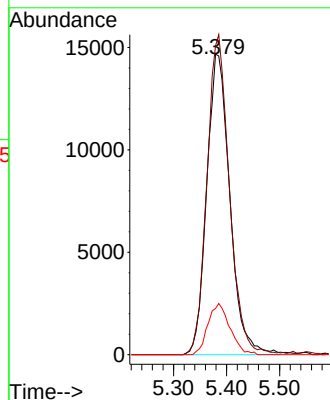
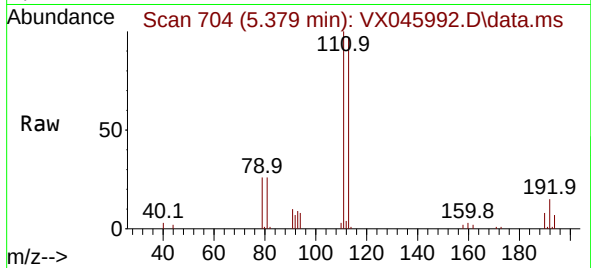




#35
 Dibromofluoromethane
 Concen: 52.719 ug/l
 RT: 5.379 min Scan# 704
 Delta R.T. -0.000 min
 Lab File: VX045992.D
 Acq: 30 Apr 2025 12:56

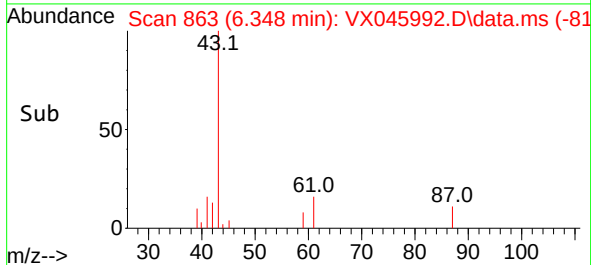
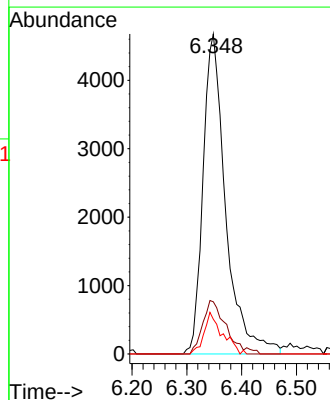
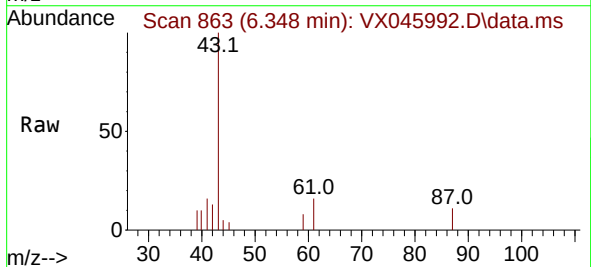
Instrument :
 MSVOA_X
 ClientSampleId :
 VNJ-210

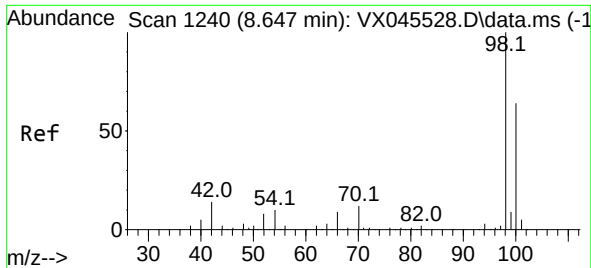
Tgt Ion:	113	Resp:	44462
Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.8	122.6
192	16.3	13.8	20.6



#43
 Isopropyl Acetate
 Concen: 6.171 ug/l
 RT: 6.348 min Scan# 863
 Delta R.T. 0.012 min
 Lab File: VX045992.D
 Acq: 30 Apr 2025 12:56

Tgt Ion:	43	Resp:	13422
Ion	Ratio	Lower	Upper
43	100		
61	17.3	14.1	21.1
87	10.5	9.2	13.8

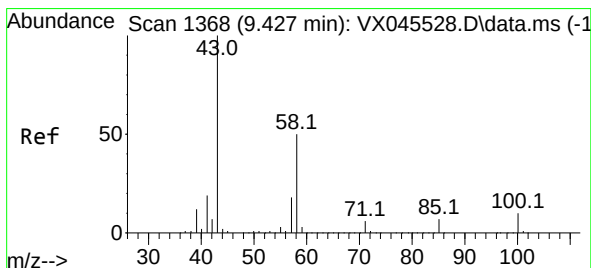
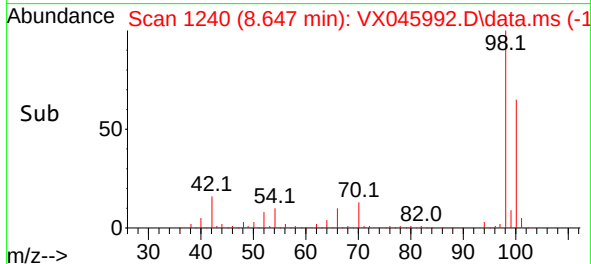
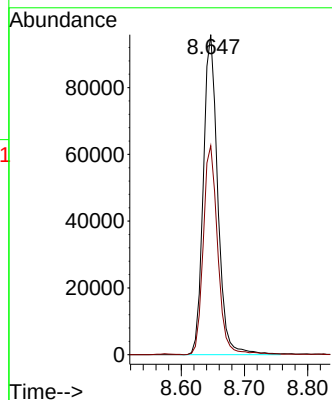
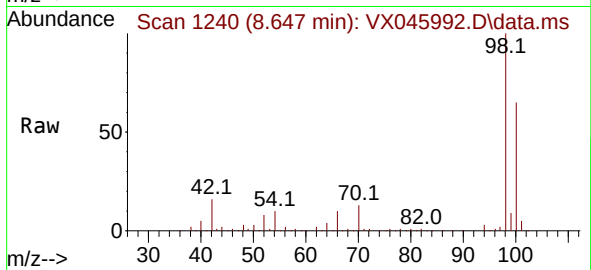




#50
Toluene-d8
Concen: 51.748 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045992.D
Acq: 30 Apr 2025 12:56

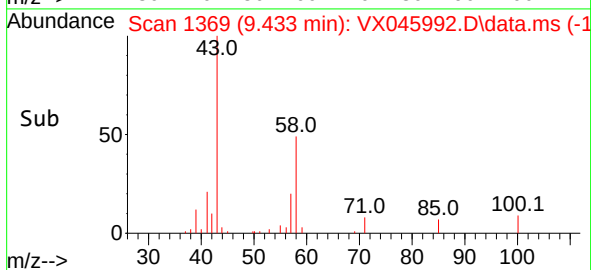
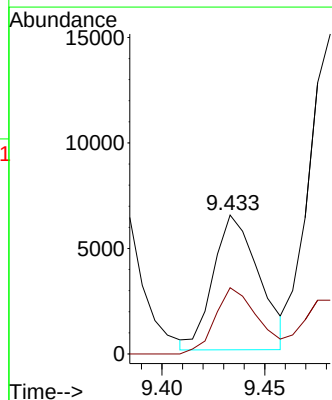
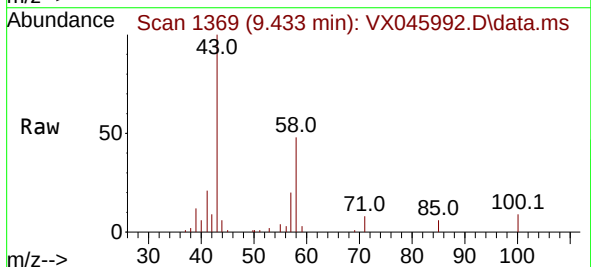
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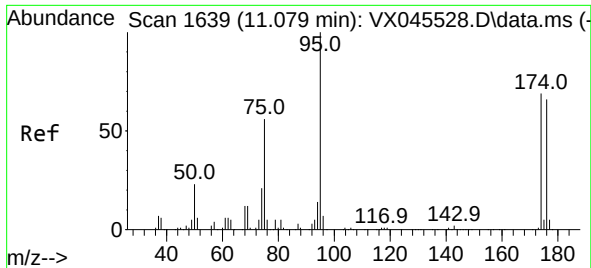
Tgt Ion: 98 Resp: 152330
Ion Ratio Lower Upper
98 100
100 65.6 52.2 78.4



#59
2-Hexanone
Concen: 9.259 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX045992.D
Acq: 30 Apr 2025 12:56

Tgt Ion: 43 Resp: 9886
Ion Ratio Lower Upper
43 100
58 46.1 24.9 74.6

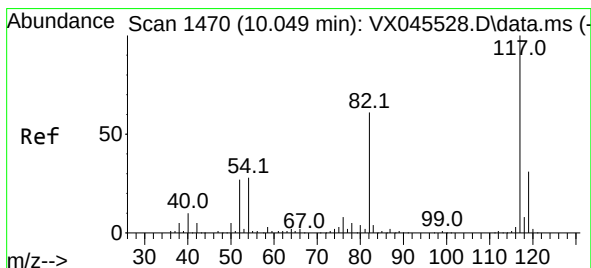
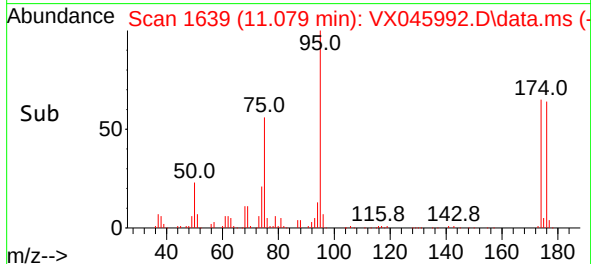
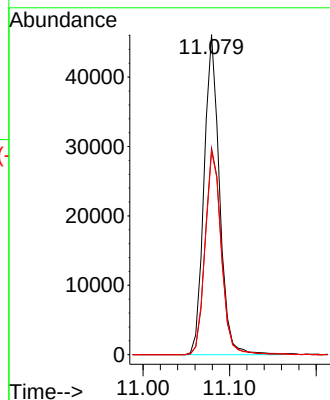
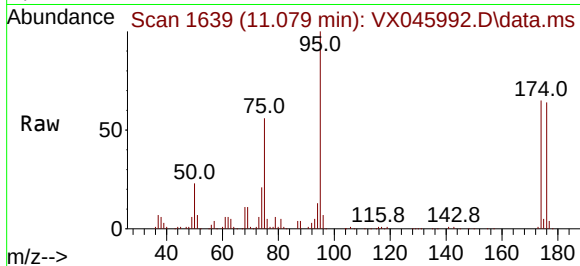




#62
4-Bromofluorobenzene
Concen: 53.187 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045992.D
Acq: 30 Apr 2025 12:56

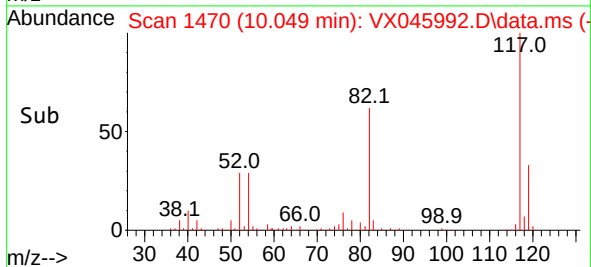
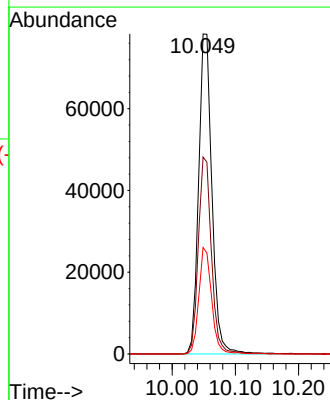
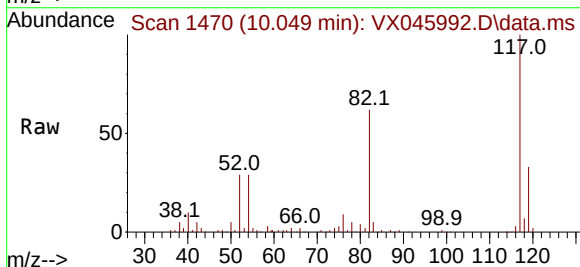
Instrument :
MSVOA_X
ClientSampleId :
VNJ-210

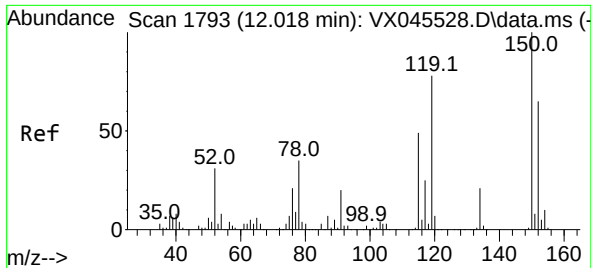
Tgt Ion: 95 Resp: 57030
Ion Ratio Lower Upper
95 100
174 67.4 0.0 135.8
176 66.2 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045992.D
Acq: 30 Apr 2025 12:56

Tgt Ion: 117 Resp: 114672
Ion Ratio Lower Upper
117 100
82 61.6 49.2 73.8
119 33.3 25.1 37.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX045992.D

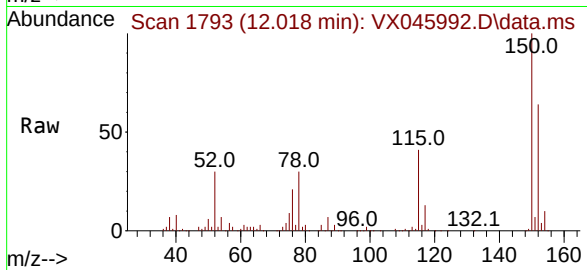
Acq: 30 Apr 2025 12:56

Instrument :

MSVOA_X

ClientSampleId :

VNJ-210



Tgt Ion:152 Resp: 49301

Ion Ratio Lower Upper

152 100

115 64.9 46.9 140.7

150 158.7 0.0 349.4

