

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120525\
 Data File : VX048728.D
 Acq On : 05 Dec 2025 12:20
 Operator : JC/MD
 Sample : Q3775-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 NGKO

Quant Time: Dec 05 22:01:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 05 03:27:34 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.537	168	144763	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.744	114	312507	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.036	117	239153	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	118381	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	133992	68.962	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	137.920%#
35) Dibromofluoromethane	5.373	113	91998	42.755	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	85.520%
50) Toluene-d8	8.634	98	295300	39.152	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	78.300%#
62) 4-Bromofluorobenzene	11.061	95	107248	41.235	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	82.480%#
Target Compounds						
						Qvalue
3) Chloromethane	1.276	50	2756	1.481	ug/l #	64
5) Bromomethane	1.629	94	473	0.386	ug/l #	57
10) Methyl Iodide	2.465	142	1580	0.674	ug/l	97
11) Tert butyl alcohol	2.934	59	10997	35.056	ug/l	97
13) Acrolein	2.233	56	878	42.610	ug/l #	77
15) Acrylonitrile	3.068	53	286	0.293	ug/l #	39
16) Acetone	2.373	43	74301	99.892	ug/l	93
17) Carbon Disulfide	2.513	76	25871	5.300	ug/l #	95
18) Methyl Acetate	2.702	43	4299	2.054	ug/l	94
20) Methylene Chloride	2.788	84	2143	1.153	ug/l #	92
22) Diisopropyl ether	3.684	45	2258	0.428	ug/l #	1
25) 2-Butanone	4.543	43	36069	32.856	ug/l	94
29) Tetrahydrofuran	5.019	42	1017	1.213	ug/l #	50
31) Cyclohexane	5.458	56	6662	2.537	ug/l	93
36) 1,1-Dichloropropene	5.537	75	11514	3.907	ug/l #	47
37) Ethyl Acetate	4.543	43	36069	10.243	ug/l #	71
38) Carbon Tetrachloride	5.537	117	14729	4.412	ug/l #	16
39) Methylcyclohexane	7.366	83	4236	1.216	ug/l #	76
40) Benzene	6.025	78	491655	56.275	ug/l	100
42) 1,2-Dichloroethane	6.025	62	4319	1.397	ug/l #	73
43) Isopropyl Acetate	6.330	43	5304	0.995	ug/l #	80
48) Methyl methacrylate	7.781	41	12057	4.495	ug/l #	42
49) 1,4-Dioxane	7.659	88	704	19.083	ug/l #	54
51) 4-Methyl-2-Pentanone	8.561	43	6703	2.025	ug/l #	86
52) Toluene	8.701	92	349343	66.311	ug/l	99
59) 2-Hexanone	9.421	43	3017	1.299	ug/l	95
67) Ethyl Benzene	10.177	91	32666	3.824	ug/l	98
68) m/p-Xylenes	10.280	106	73033	21.949	ug/l	97
69) o-Xylene	10.622	106	24188	7.758	ug/l	96
70) Styrene	10.622	104	1818	0.340	ug/l #	1
71) Bromoform	10.786	173	347	0.208	ug/l #	29
73) Isopropylbenzene	10.945	105	3097	0.388	ug/l	99
74) N-amyl acetate	10.841	43	2437	0.703	ug/l #	27
76) 1,2,3-Trichloropropane	11.115	75	1823	0.827	ug/l #	28
78) n-propylbenzene	11.286	91	5506	0.596	ug/l	99
79) 2-Chlorotoluene	11.359	91	7450	1.322	ug/l #	1

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 Quant Title : SW846 8260
 QLast Update : Fri Dec 05 03:27:34 2025
 Response via : Initial Calibration

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

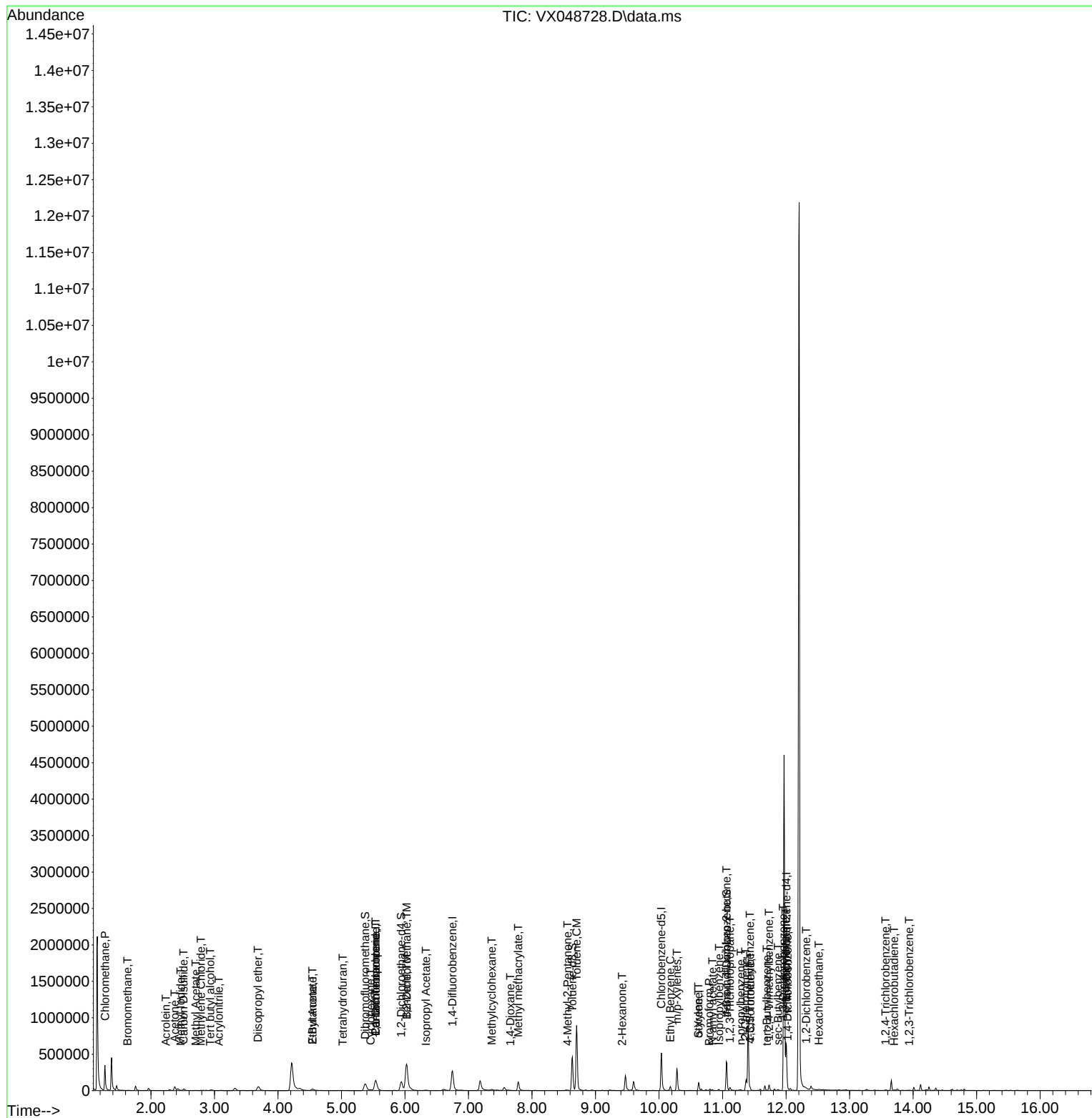
80) 1,3,5-Trimethylbenzene	11.432	105	13827	2.109	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.061	75	56708	61.093	ug/l #	3
82) 4-Chlorotoluene	11.439	91	3239	0.493	ug/l	76
83) tert-Butylbenzene	11.695	119	1431	0.210	ug/l #	41
84) 1,2,4-Trimethylbenzene	11.731	105	33156	5.013	ug/l	98
85) sec-Butylbenzene	11.871	105	2672	0.324	ug/l	86
86) p-Isopropyltoluene	11.993	119	3085	0.437	ug/l #	76
87) 1,3-Dichlorobenzene	11.951	146	1010	0.257	ug/l #	1
88) 1,4-Dichlorobenzene	12.024	146	1169	0.288	ug/l #	70
90) Hexachloroethane	12.518	117	688	0.478	ug/l #	48
91) 1,2-Dichlorobenzene	12.316	146	769	0.202	ug/l	85
93) 1,2,4-Trichlorobenzene	13.566	180	1337	0.532	ug/l	94
94) Hexachlorobutadiene	13.700	225	752	0.723	ug/l	96
95) Naphthalene	13.755	128	10340	Below Cal	#	88
96) 1,2,3-Trichlorobenzene	13.938	180	1306	0.563	ug/l	93

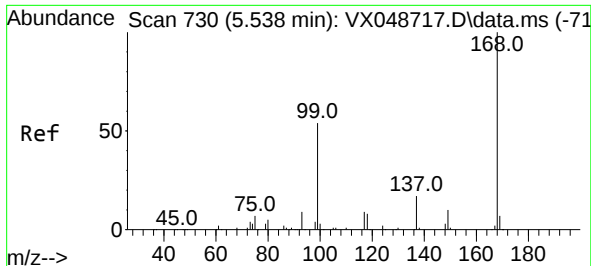
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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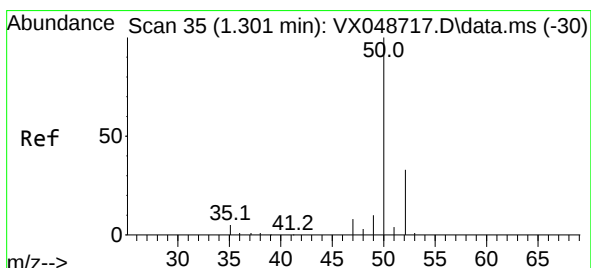
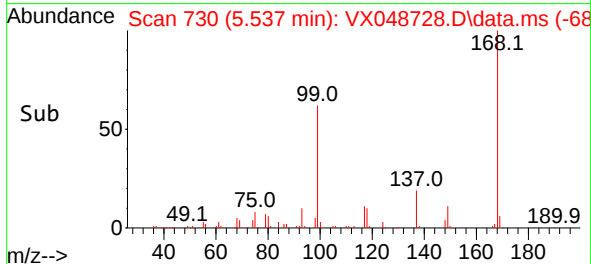
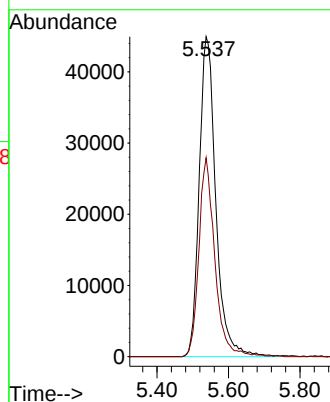
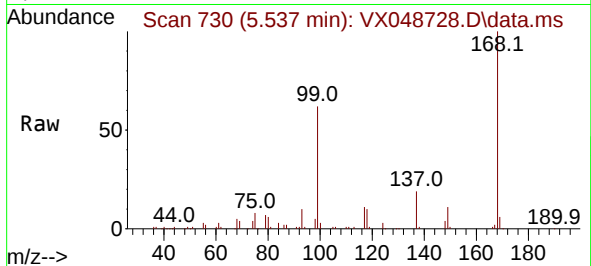




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX048728.D
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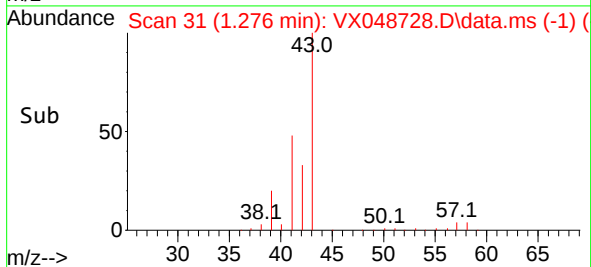
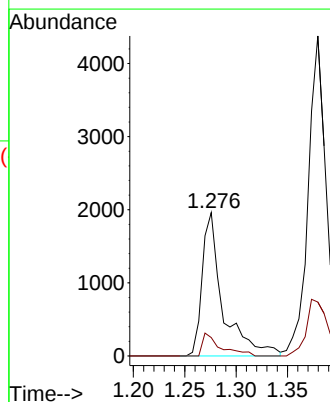
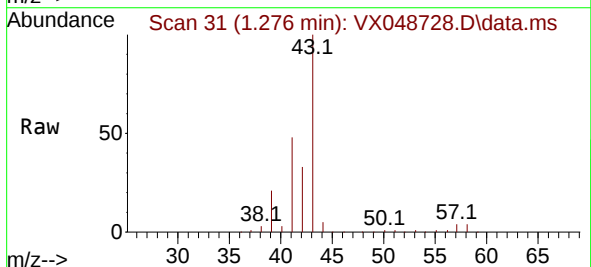
Instrument :
MSVOA_X
ClientSampleId :
NGKO

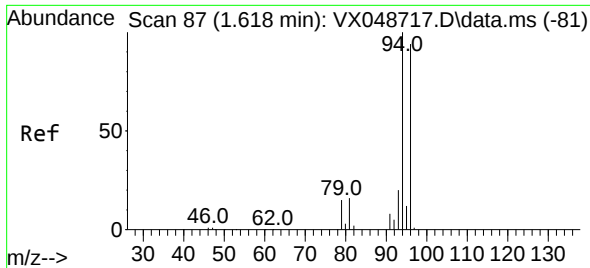
Tgt Ion:168 Resp: 144763
Ion Ratio Lower Upper
168 100
99 62.2 44.2 66.4



#3
Chloromethane
Concen: 1.481 ug/l
RT: 1.276 min Scan# 31
Delta R.T. -0.025 min
Lab File: VX048728.D
Acq: 05 Dec 2025 12:20

Tgt Ion: 50 Resp: 2756
Ion Ratio Lower Upper
50 100
52 12.8 26.4 39.6#

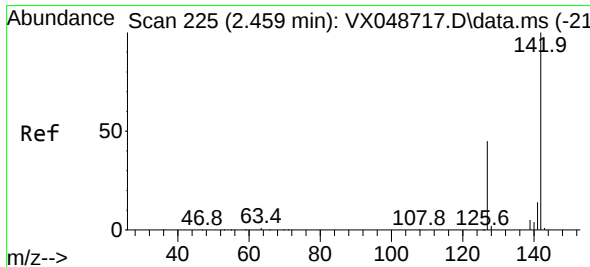
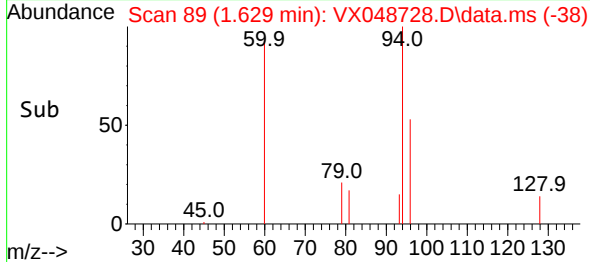
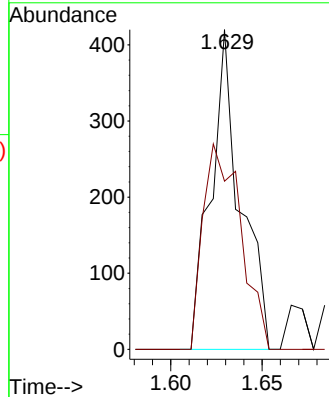
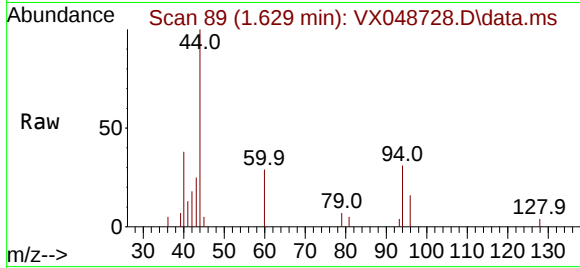




#5
Bromomethane
Concen: 0.386 ug/l
RT: 1.629 min Scan# 89
Delta R.T. 0.012 min
Lab File: VX048728.D
Acq: 05 Dec 2025 12:20

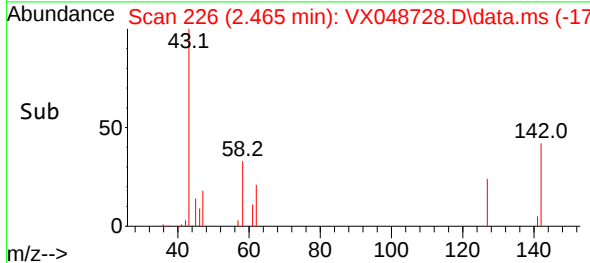
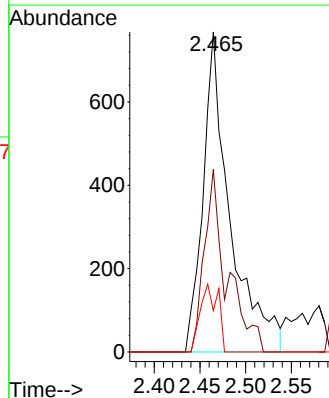
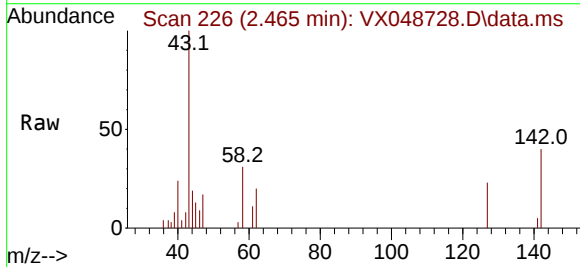
Instrument :
MSVOA_X
ClientSampleId :
NGKO

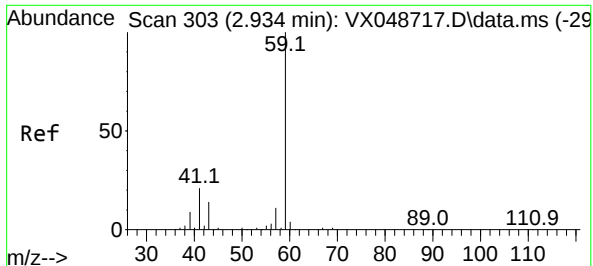
Tgt Ion: 94 Resp: 473
Ion Ratio Lower Upper
94 100
96 52.6 75.2 112.8#



#10
Methyl Iodide
Concen: 0.674 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.006 min
Lab File: VX048728.D
Acq: 05 Dec 2025 12:20

Tgt Ion: 142 Resp: 1580
Ion Ratio Lower Upper
142 100
127 47.6 35.8 53.6
141 13.7 11.1 16.7

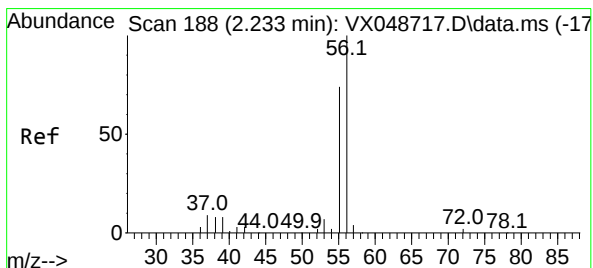
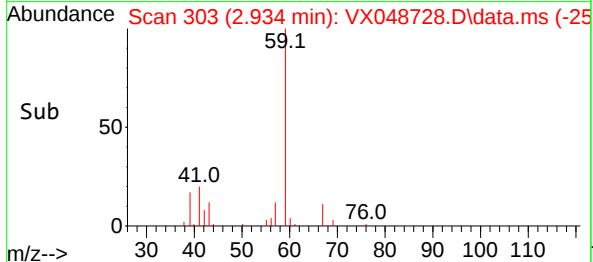
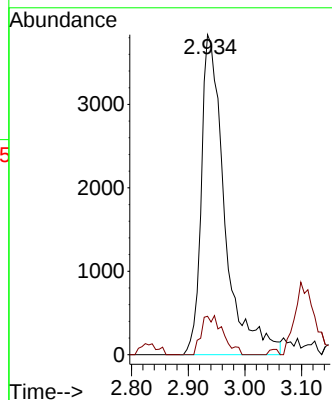
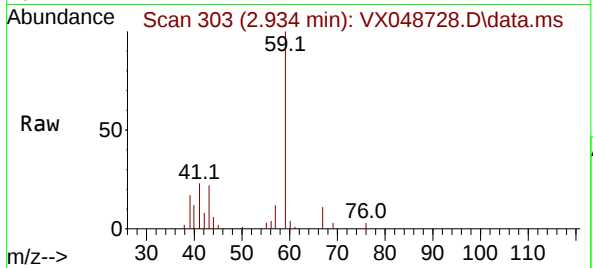




#11
Tert butyl alcohol
Concen: 35.056 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.000 min
Lab File: VX048728.D
Acq: 05 Dec 2025 12:20

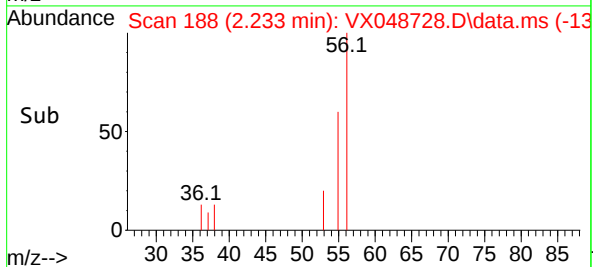
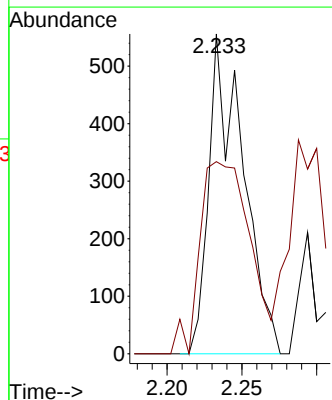
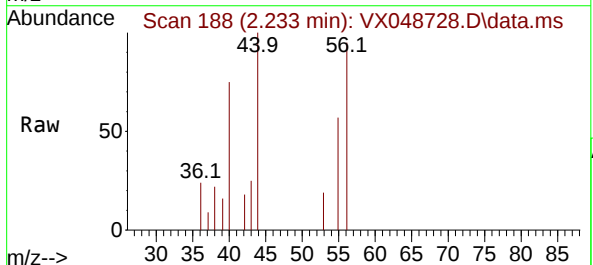
Instrument :
MSVOA_X
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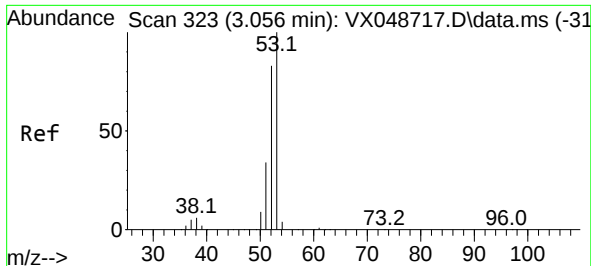
Tgt Ion: 59 Resp: 10997
Ion Ratio Lower Upper
59 100
57 11.3 8.1 12.1



#13
Acrolein
Concen: 42.610 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX048728.D
Acq: 05 Dec 2025 12:20

Tgt Ion: 56 Resp: 878
Ion Ratio Lower Upper
56 100
55 88.6 55.8 83.6#





#15

Acrylonitrile

Concen: 0.293 ug/l

RT: 3.068 min Scan# 31

Delta R.T. 0.012 min

Lab File: VX048728.D

Acq: 05 Dec 2025 12:20

Instrument :

MSVOA_X

ClientSampleId :

NGKO

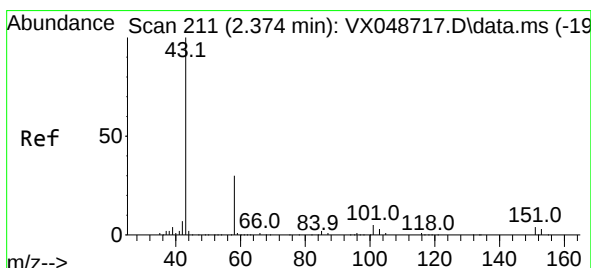
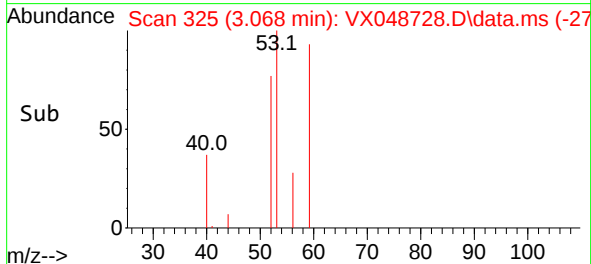
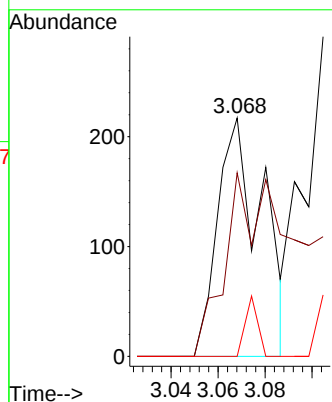
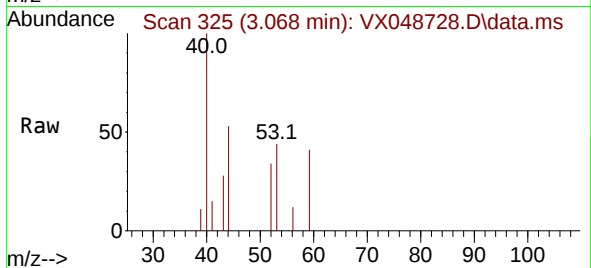
Tgt Ion: 53 Resp: 286

Ion Ratio Lower Upper

53 100

52 137.8 66.3 99.5#

51 0.0 28.7 43.1#



#16

Acetone

Concen: 99.892 ug/l

RT: 2.373 min Scan# 211

Delta R.T. -0.000 min

Lab File: VX048728.D

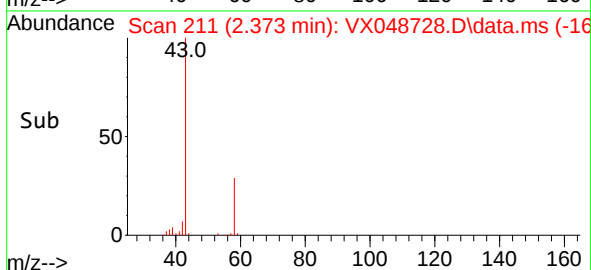
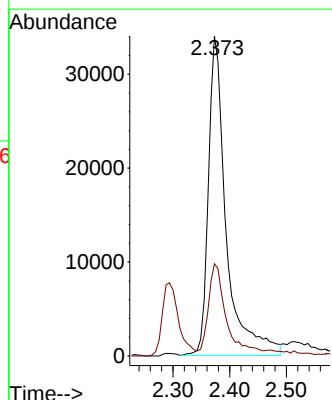
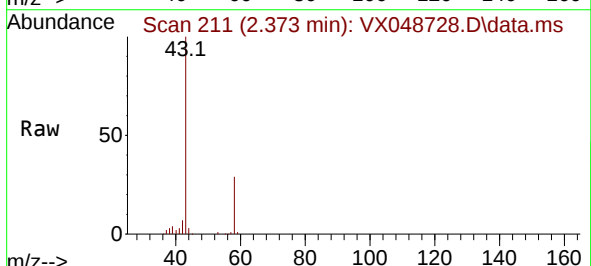
Acq: 05 Dec 2025 12:20

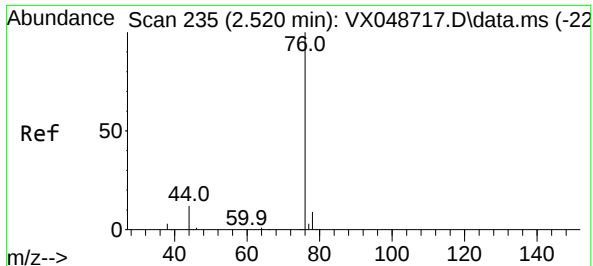
Tgt Ion: 43 Resp: 74301

Ion Ratio Lower Upper

43 100

58 27.4 25.0 37.4

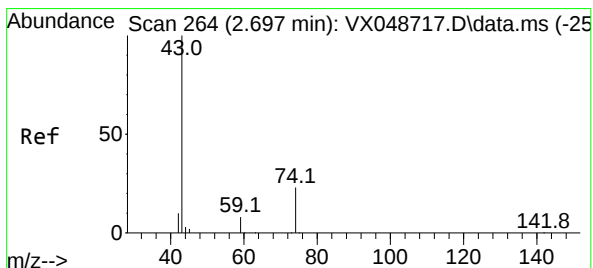
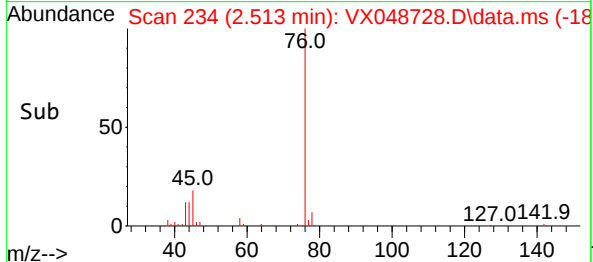
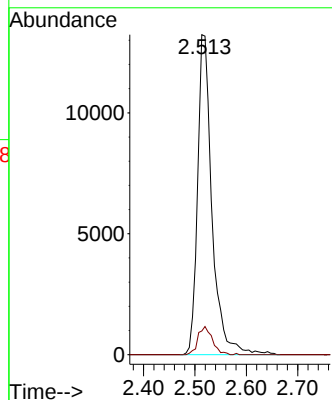
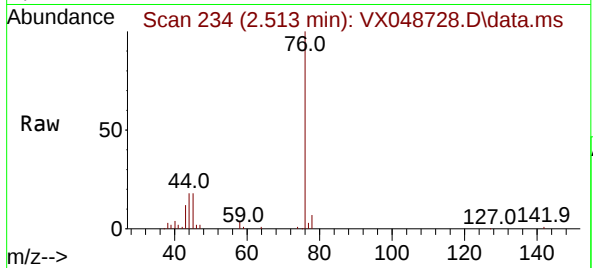




#17
Carbon Disulfide
Concen: 5.300 ug/l
RT: 2.513 min Scan# 21
Delta R.T. -0.007 min
Lab File: VX048728.D
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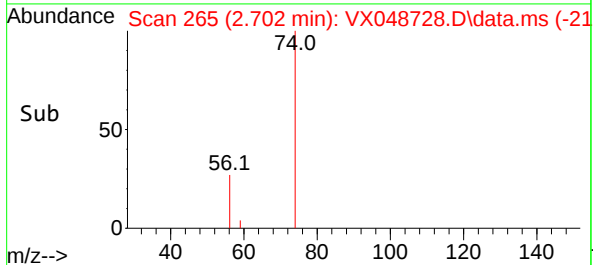
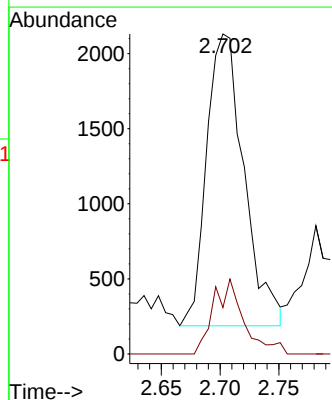
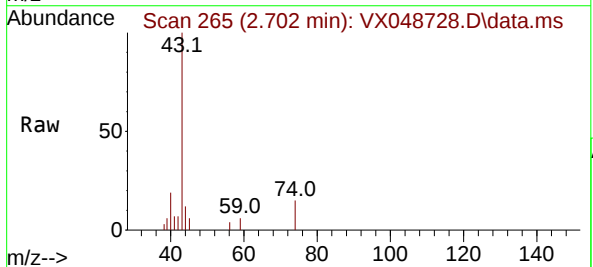
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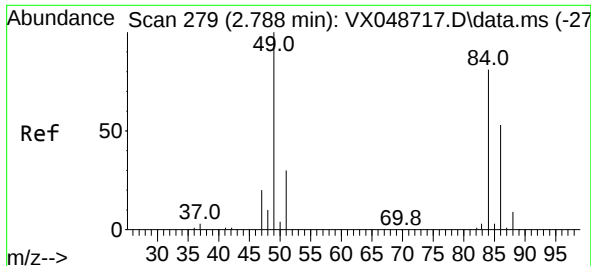
Tgt Ion: 76 Resp: 25871
Ion Ratio Lower Upper
76 100
78 7.4 7.4 11.2#



#18
Methyl Acetate
Concen: 2.054 ug/l
RT: 2.702 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX048728.D
Acq: 05 Dec 2025 12:20

Tgt Ion: 43 Resp: 4299
Ion Ratio Lower Upper
43 100
74 20.9 19.2 28.8

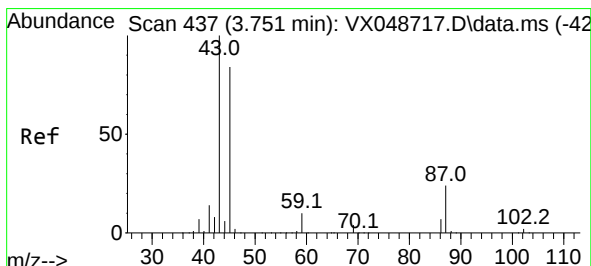
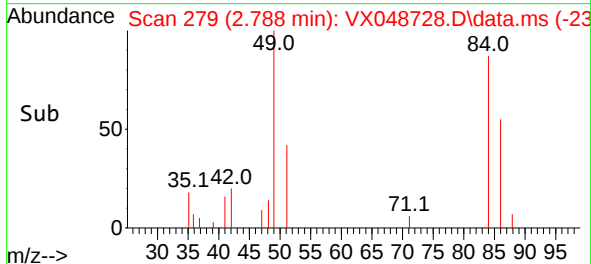
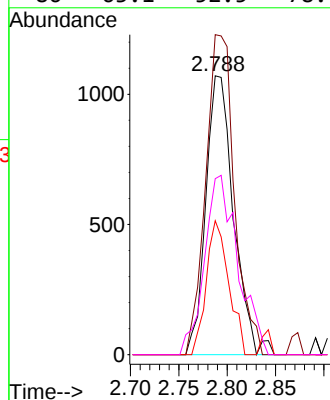
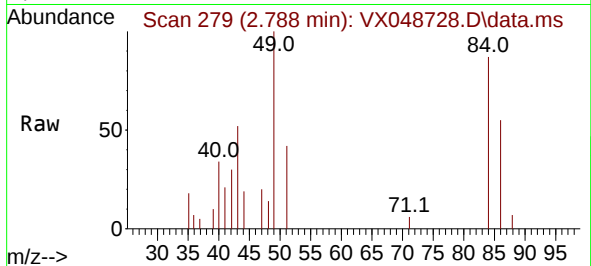




#20
Methylene Chloride
Concen: 1.153 ug/l
RT: 2.788 min Scan# 2143
Delta R.T. -0.000 min
Lab File: VX048728.D
Acq: 05 Dec 2025 12:20

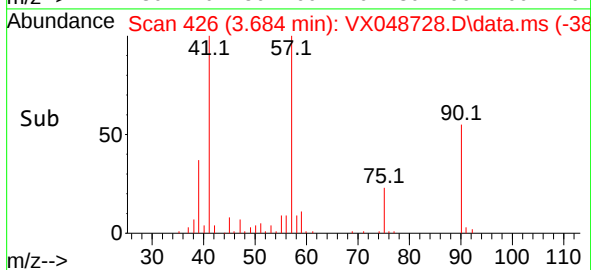
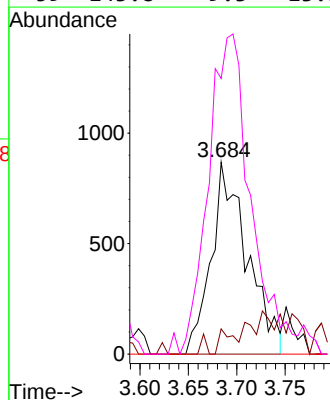
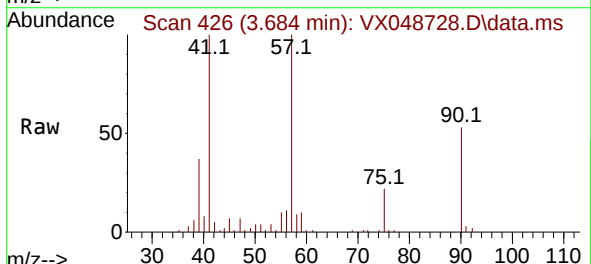
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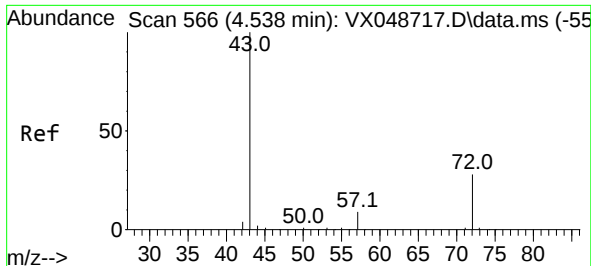
Tgt Ion:	84	Resp:	2143
Ion	Ratio	Lower	Upper
84	100		
49	114.8	98.7	148.1
51	48.0	29.4	44.2#
86	63.1	52.5	78.7



#22
Diisopropyl ether
Concen: 0.428 ug/l
RT: 3.684 min Scan# 426
Delta R.T. -0.067 min
Lab File: VX048728.D
Acq: 05 Dec 2025 12:20

Tgt Ion:	45	Resp:	2258
Ion	Ratio	Lower	Upper
45	100		
43	13.1	94.9	142.3#
87	0.0	23.2	34.8#
59	143.8	9.3	13.9#

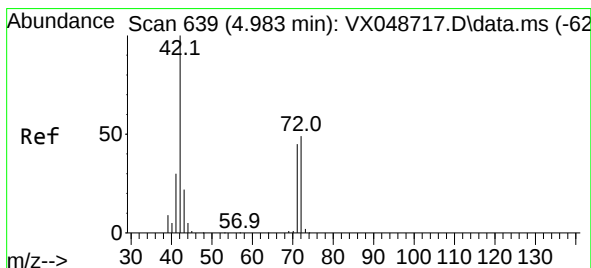
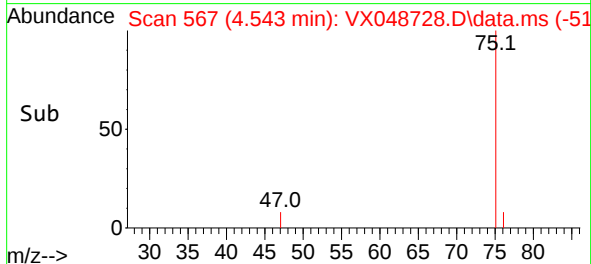
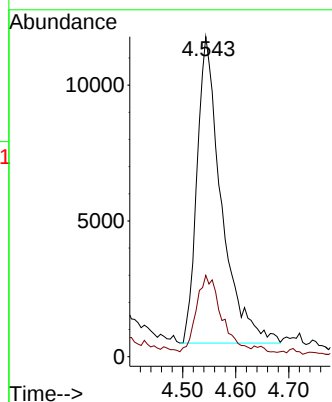
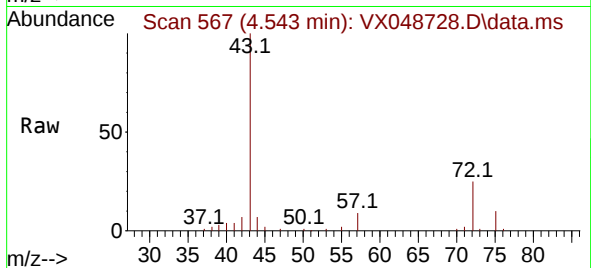




#25
2-Butanone
Concen: 32.856 ug/l
RT: 4.543 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX048728.D
Acq: 05 Dec 2025 12:20

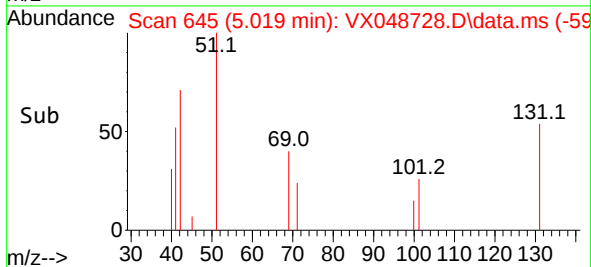
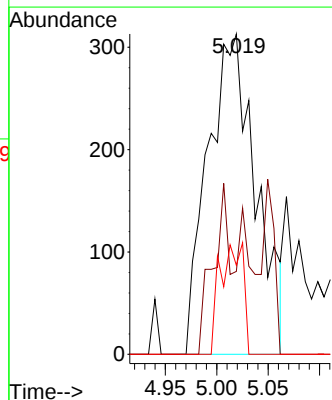
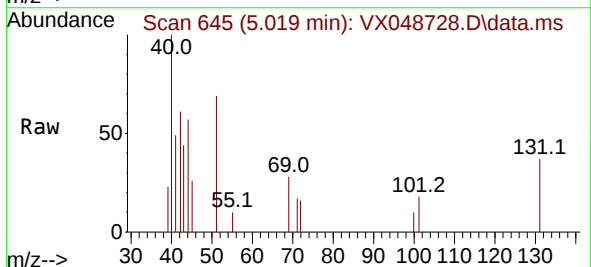
Instrument :
MSVOA_X
ClientSampleId :
NGKO

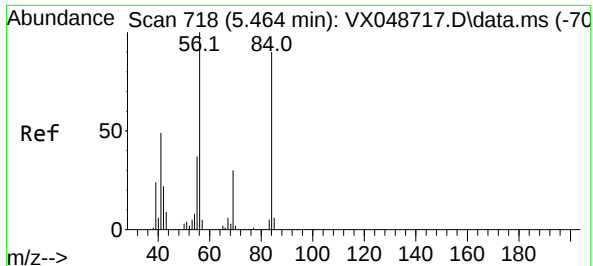
Tgt Ion: 43 Resp: 36069
Ion Ratio Lower Upper
43 100
72 24.9 22.6 34.0



#29
Tetrahydrofuran
Concen: 1.213 ug/l
RT: 5.019 min Scan# 645
Delta R.T. 0.036 min
Lab File: VX048728.D
Acq: 05 Dec 2025 12:20

Tgt Ion: 42 Resp: 1017
Ion Ratio Lower Upper
42 100
72 11.0 39.4 59.2#
71 16.7 35.8 53.6#

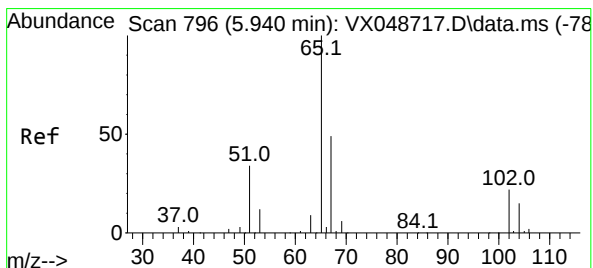
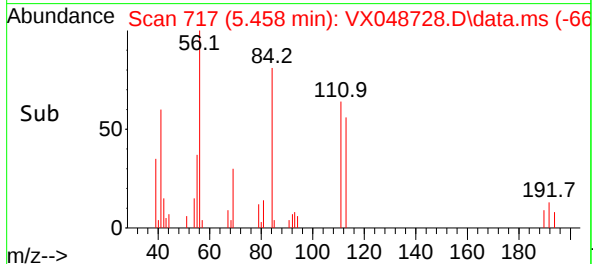
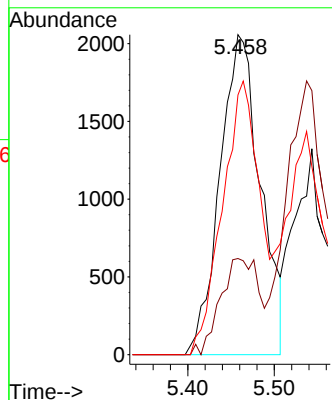
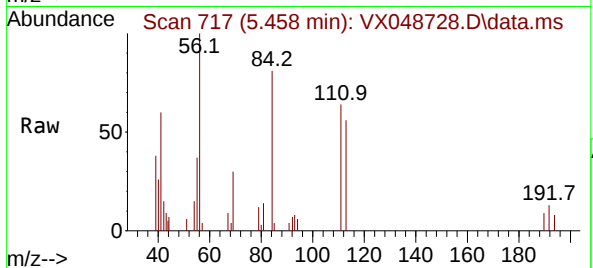




#31
Cyclohexane
Concen: 2.537 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX048728.D
Acq: 05 Dec 2025 12:20

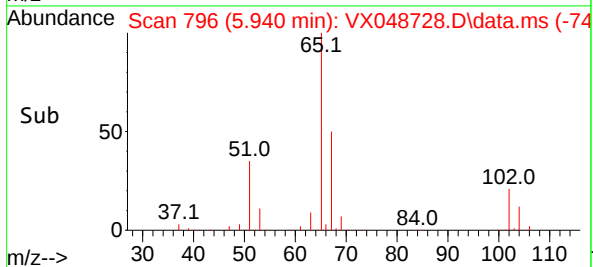
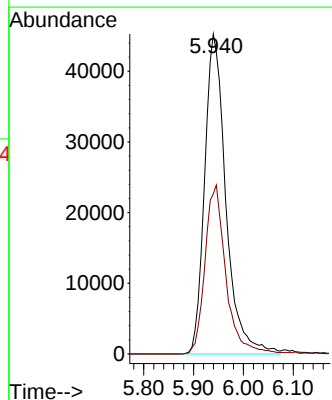
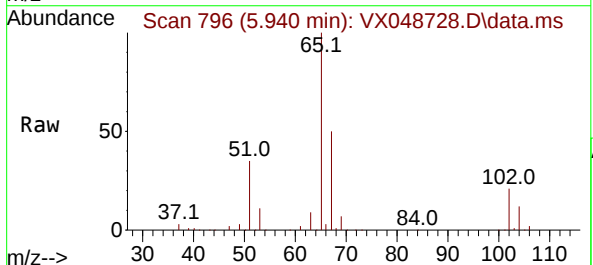
Instrument :
MSVOA_X
ClientSampleId :
NGKO

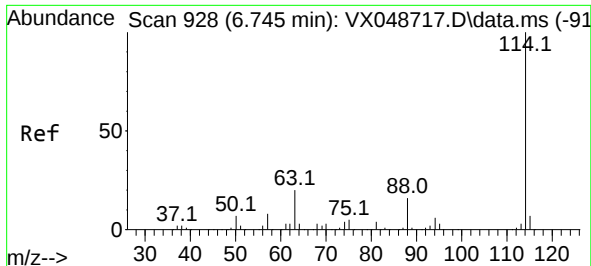
Tgt Ion: 56 Resp: 6662
Ion Ratio Lower Upper
56 100
69 30.0 24.2 36.2
84 81.1 72.1 108.1



#33
1,2-Dichloroethane-d4
Concen: 68.962 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048728.D
Acq: 05 Dec 2025 12:20

Tgt Ion: 65 Resp: 133992
Ion Ratio Lower Upper
65 100
67 51.8 0.0 107.4

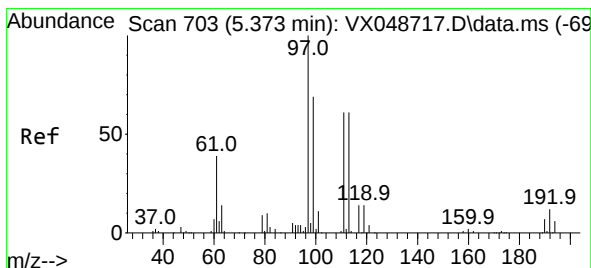
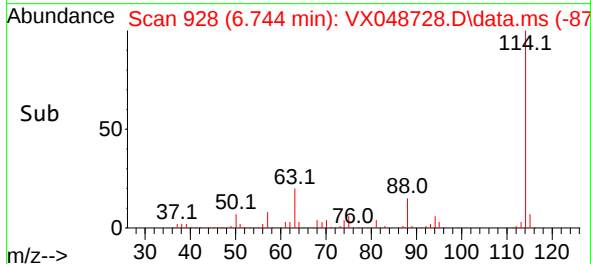
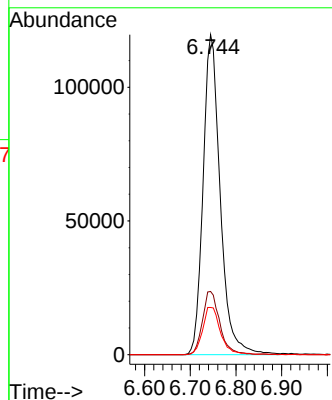
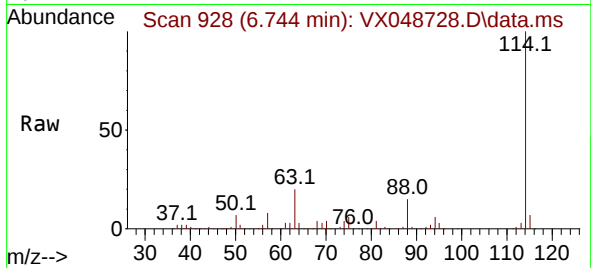




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.744 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048728.D
Acq: 05 Dec 2025 12:20

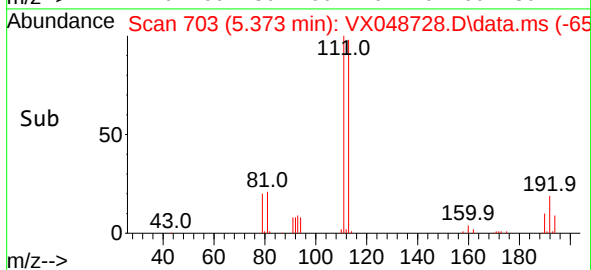
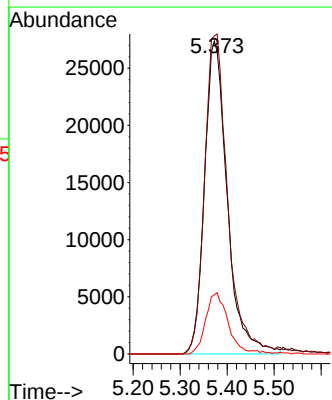
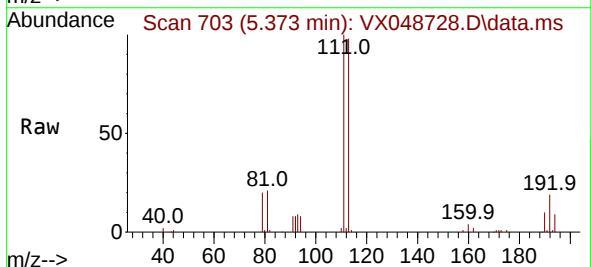
Instrument :
MSVOA_X
ClientSampleId :
NGKO

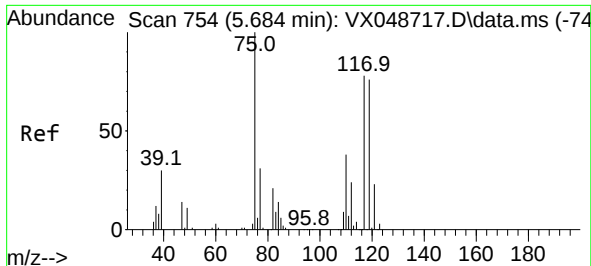
Tgt Ion:114 Resp: 312507
Ion Ratio Lower Upper
114 100
63 19.7 0.0 39.0
88 14.8 0.0 31.8



#35
Dibromofluoromethane
Concen: 42.755 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048728.D
Acq: 05 Dec 2025 12:20

Tgt Ion:113 Resp: 91998
Ion Ratio Lower Upper
113 100
111 103.2 79.5 119.3
192 18.8 16.1 24.1

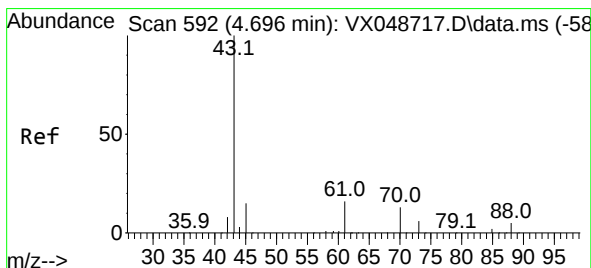
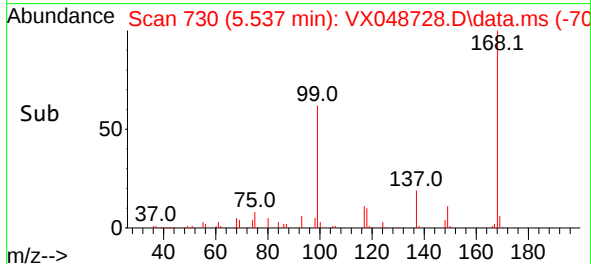
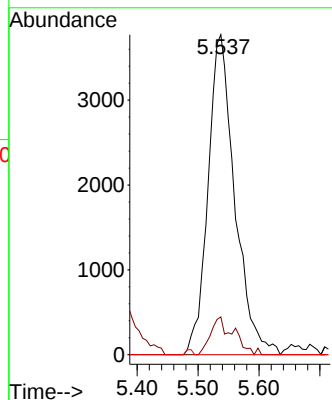
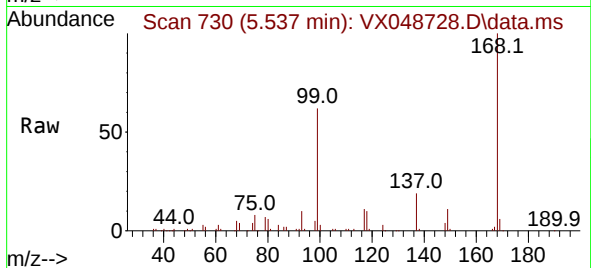




#36
1,1-Dichloropropene
Concen: 3.907 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.147 min
Lab File: VX048728.D
Acq: 05 Dec 2025 12:20

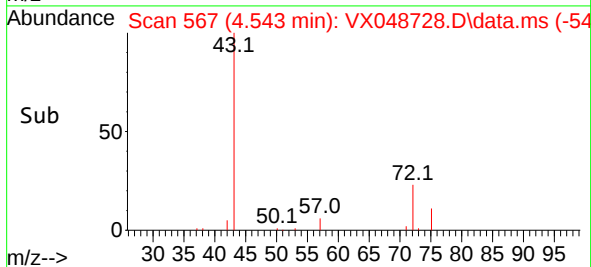
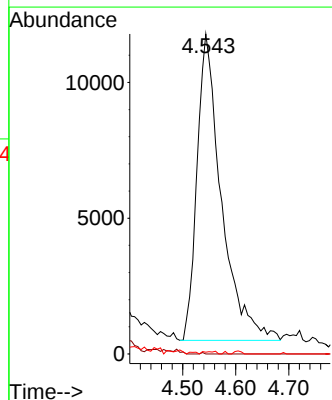
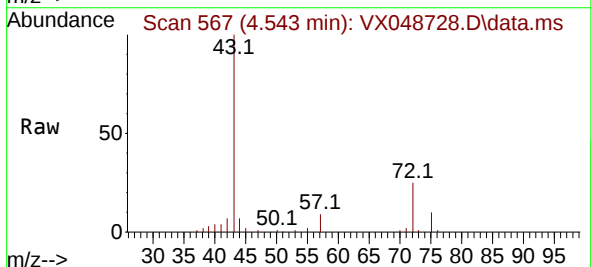
Instrument :
MSVOA_X
ClientSampleId :
NGKO

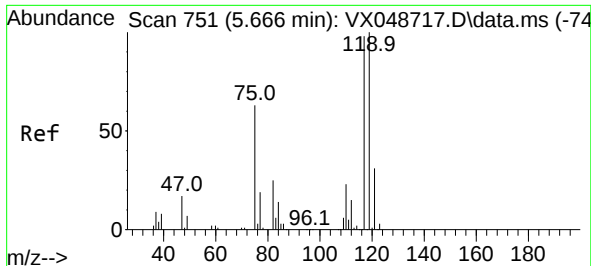
Tgt Ion: 75 Resp: 11514
Ion Ratio Lower Upper
75 100
110 7.4 18.6 55.8#
77 0.0 25.3 37.9#



#37
Ethyl Acetate
Concen: 10.243 ug/l
RT: 4.543 min Scan# 567
Delta R.T. -0.153 min
Lab File: VX048728.D
Acq: 05 Dec 2025 12:20

Tgt Ion: 43 Resp: 36069
Ion Ratio Lower Upper
43 100
61 0.1 9.7 14.5#
70 0.2 8.2 12.4#

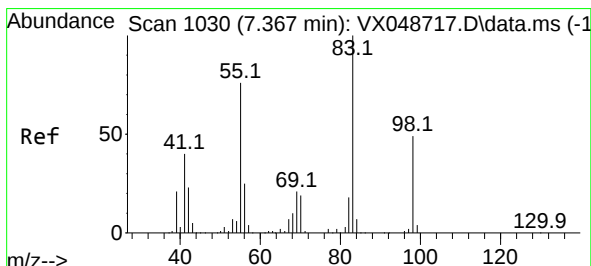
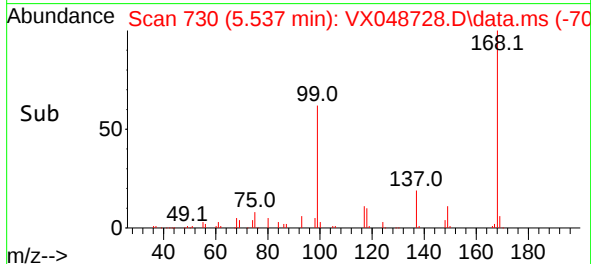
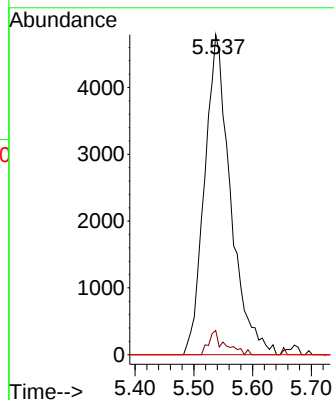
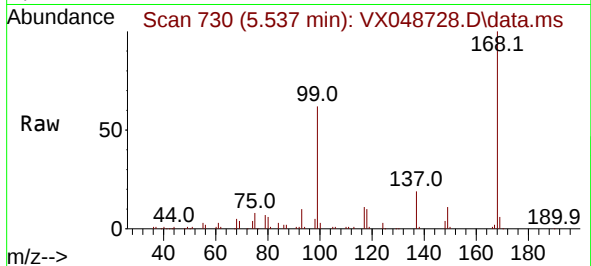




#38
Carbon Tetrachloride
Concen: 4.412 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX048728.D
Acq: 05 Dec 2025 12:20

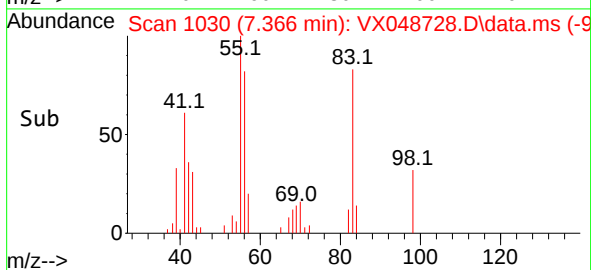
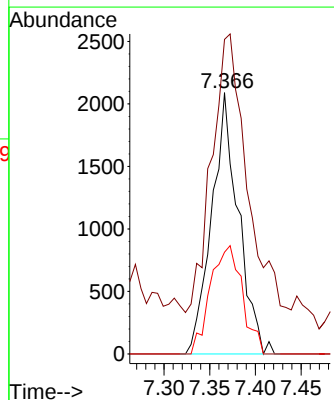
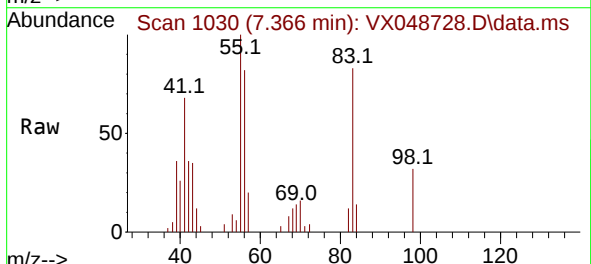
Instrument :
MSVOA_X
ClientSampleId :
NGKO

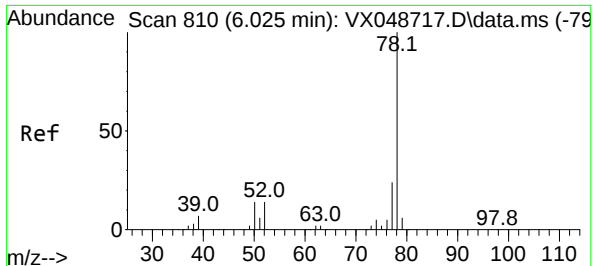
Tgt Ion:117 Resp: 14729
Ion Ratio Lower Upper
117 100
119 7.6 80.5 120.7#
121 0.0 25.4 38.0#



#39
Methylcyclohexane
Concen: 1.216 ug/l
RT: 7.366 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VX048728.D
Acq: 05 Dec 2025 12:20

Tgt Ion: 83 Resp: 4236
Ion Ratio Lower Upper
83 100
55 102.0 60.6 90.8#
98 38.9 39.3 58.9#

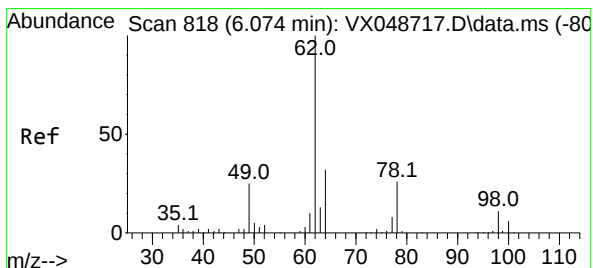
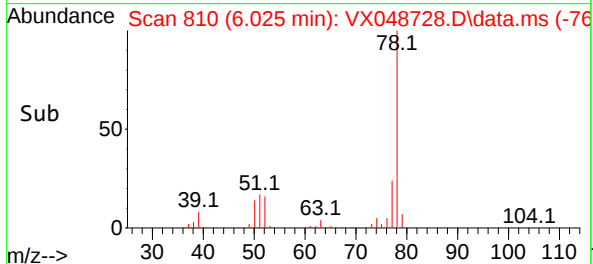
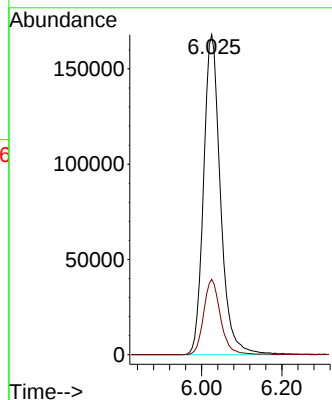
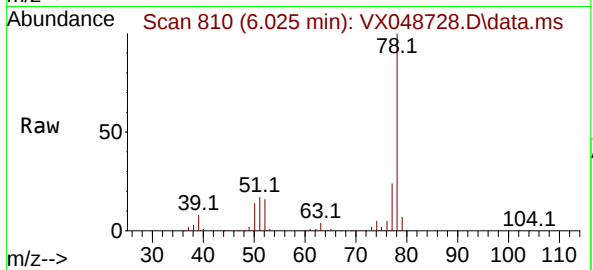




#40
Benzene
Concen: 56.275 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX048728.D
Acq: 05 Dec 2025 12:20

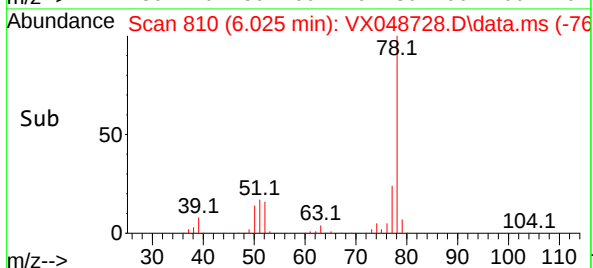
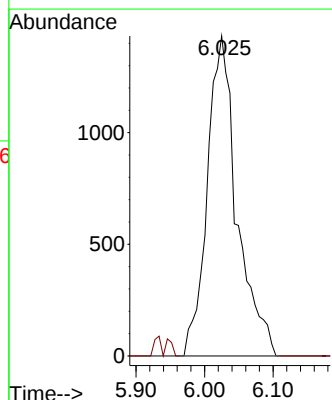
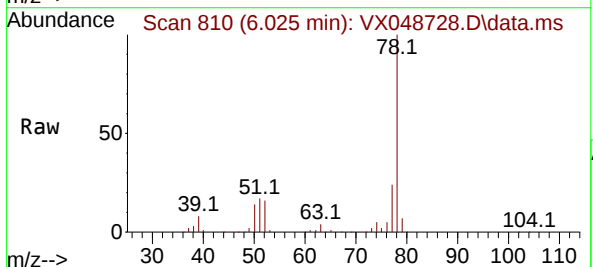
Instrument :
MSVOA_X
ClientSampleId :
NGKO

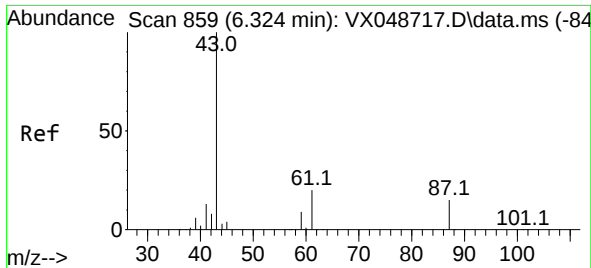
Tgt Ion: 78 Resp: 491655
Ion Ratio Lower Upper
78 100
77 23.5 18.8 28.2



#42
1,2-Dichloroethane
Concen: 1.397 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.049 min
Lab File: VX048728.D
Acq: 05 Dec 2025 12:20

Tgt Ion: 62 Resp: 4319
Ion Ratio Lower Upper
62 100
98 0.0 0.0 20.2





#43

Isopropyl Acetate

Concen: 0.995 ug/l

RT: 6.330 min Scan# 8

Delta R.T. 0.006 min

Lab File: VX048728.D

Acq: 05 Dec 2025 12:20

Instrument :

MSVOA_X

ClientSampleId :

NGKO

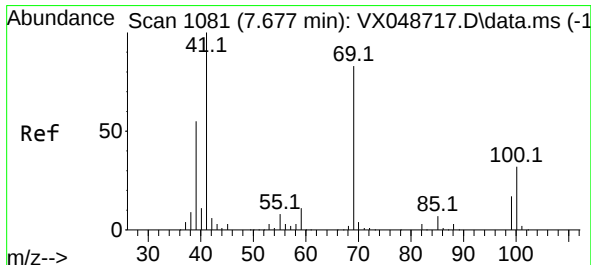
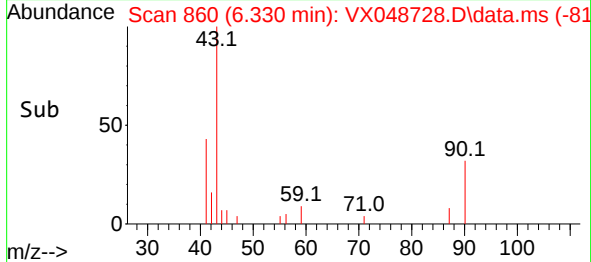
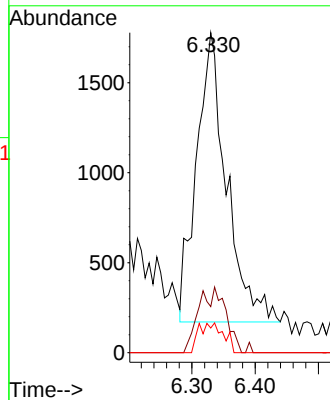
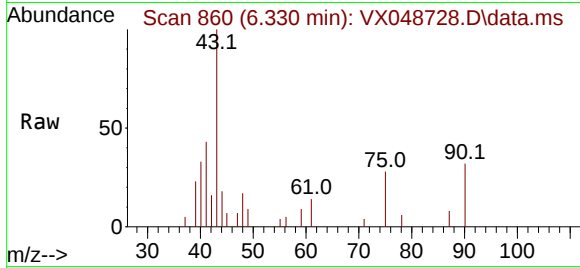
Tgt Ion: 43 Resp: 5304

Ion Ratio Lower Upper

43 100

61 10.3 16.8 25.2#

87 8.5 11.8 17.6#



#48

Methyl methacrylate

Concen: 4.495 ug/l

RT: 7.781 min Scan# 1098

Delta R.T. 0.103 min

Lab File: VX048728.D

Acq: 05 Dec 2025 12:20

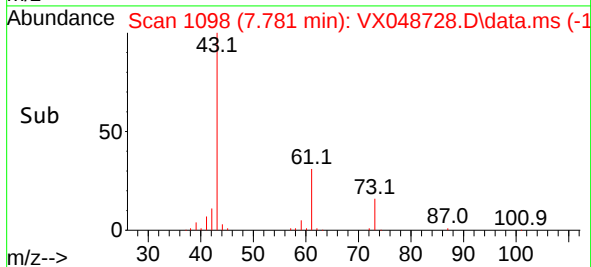
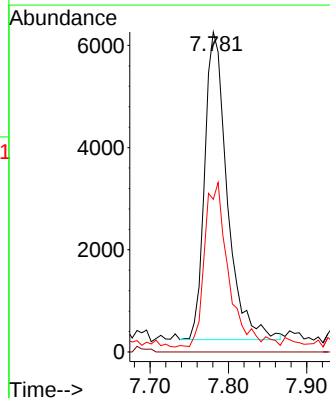
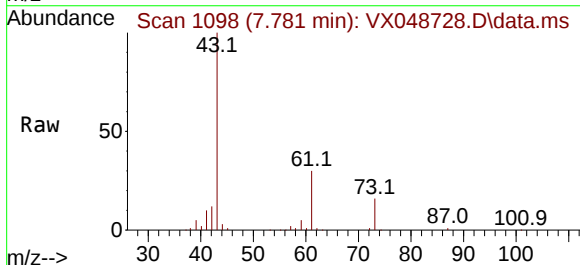
Tgt Ion: 41 Resp: 12057

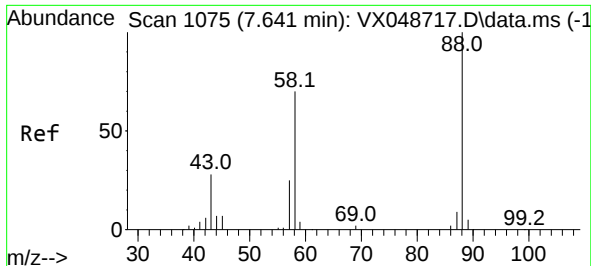
Ion Ratio Lower Upper

41 100

69 0.0 68.5 102.7#

39 55.3 43.5 65.3





#49

1,4-Dioxane

Concen: 19.083 ug/l

RT: 7.659 min Scan# 1

Delta R.T. 0.018 min

Lab File: VX048728.D

Acq: 05 Dec 2025 12:20

Instrument :

MSVOA_X

ClientSampleId :

NGKO

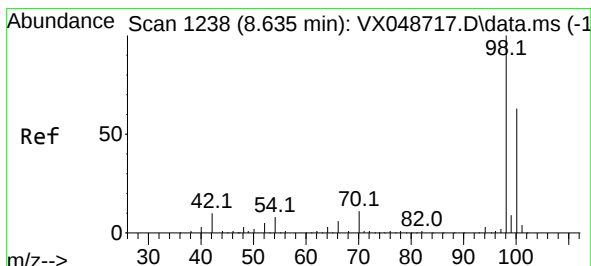
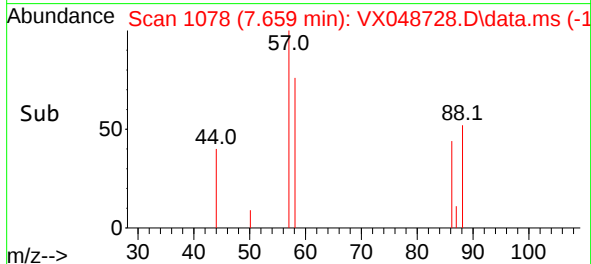
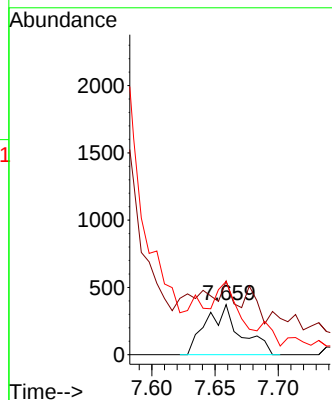
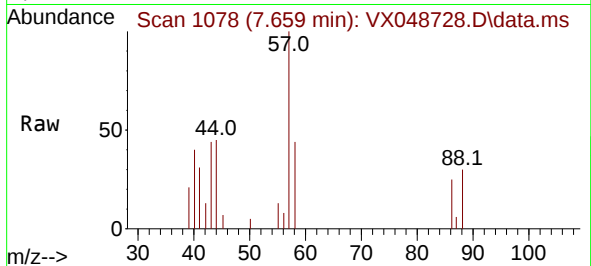
Tgt Ion: 88 Resp: 704

Ion Ratio Lower Upper

88 100

43 0.0 28.6 43.0#

58 105.3 58.0 87.0#



#50

Toluene-d8

Concen: 39.152 ug/l

RT: 8.634 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VX048728.D

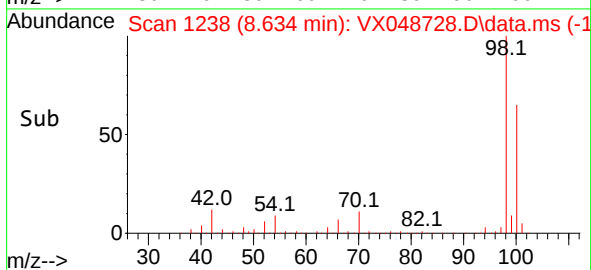
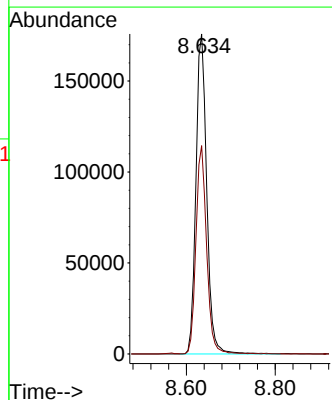
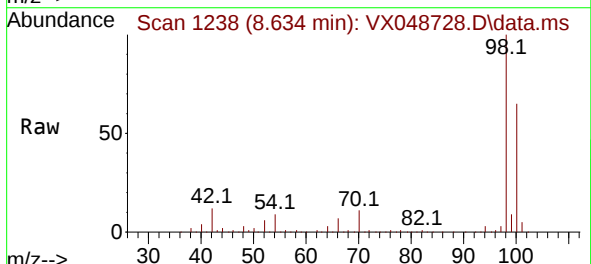
Acq: 05 Dec 2025 12:20

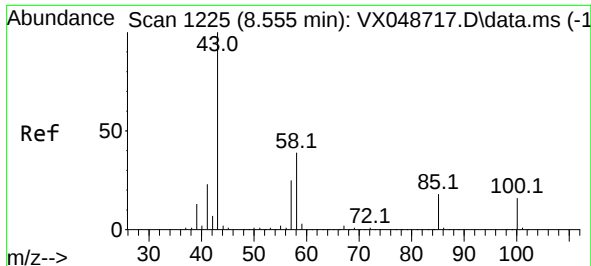
Tgt Ion: 98 Resp: 295300

Ion Ratio Lower Upper

98 100

100 64.1 53.4 80.0

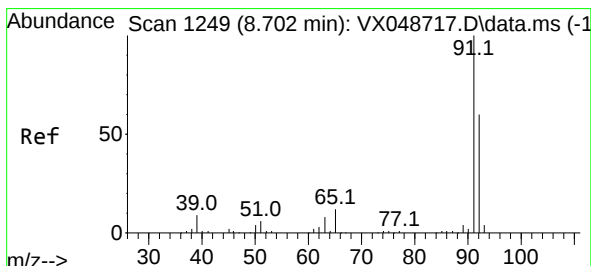
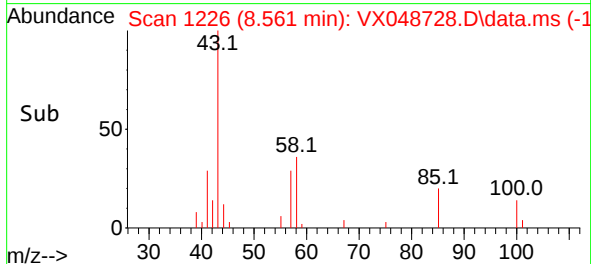
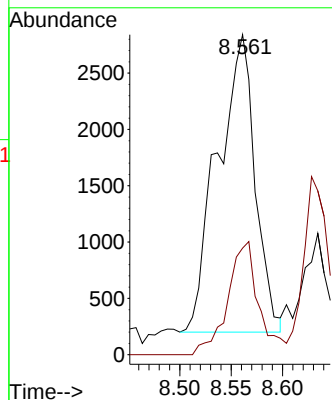
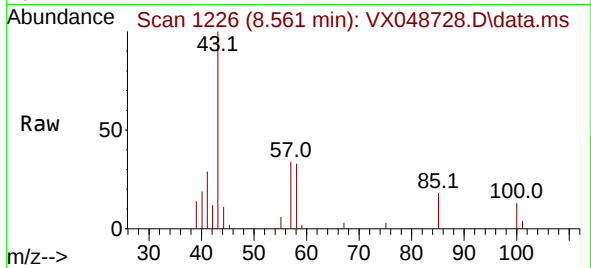




#51
4-Methyl-2-Pentanone
Concen: 2.025 ug/l
RT: 8.561 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VX048728.D
Acq: 05 Dec 2025 12:20

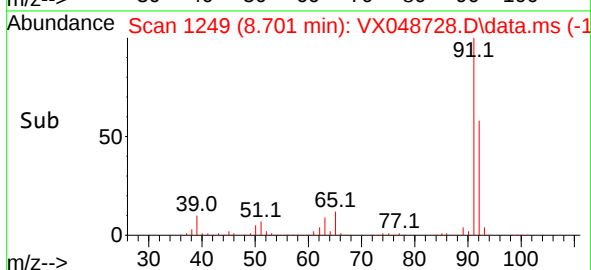
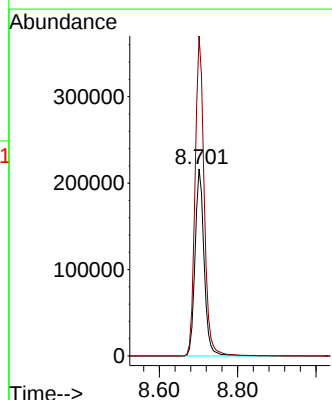
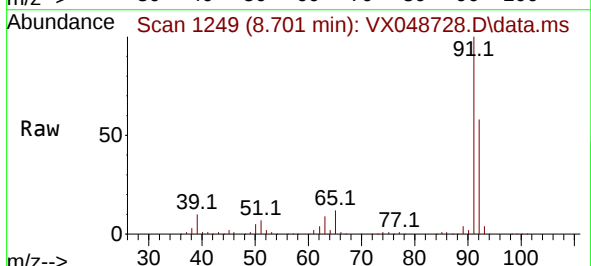
Instrument :
MSVOA_X
ClientSampleId :
NGKO

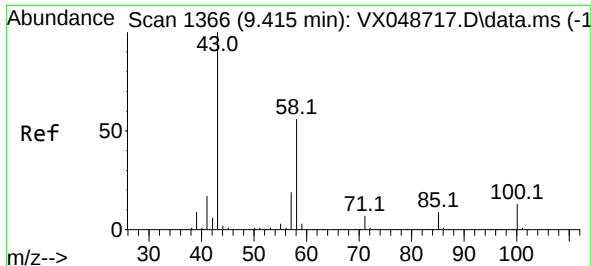
Tgt Ion: 43 Resp: 6703
Ion Ratio Lower Upper
43 100
58 31.3 32.2 48.4#



#52
Toluene
Concen: 66.311 ug/l
RT: 8.701 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048728.D
Acq: 05 Dec 2025 12:20

Tgt Ion: 92 Resp: 349343
Ion Ratio Lower Upper
92 100
91 171.7 136.3 204.5





#59

2-Hexanone

Concen: 1.299 ug/l

RT: 9.421 min Scan# 1367

Delta R.T. 0.006 min

Lab File: VX048728.D

Acq: 05 Dec 2025 12:20

Instrument :

MSVOA_X

ClientSampleId :

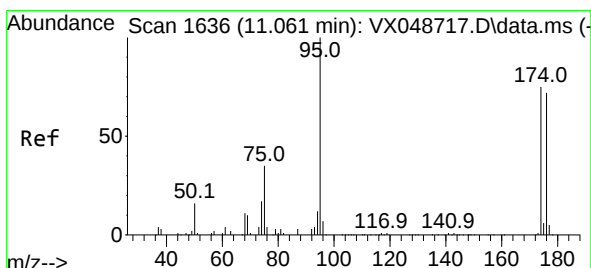
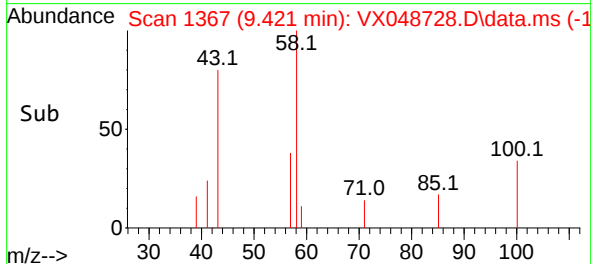
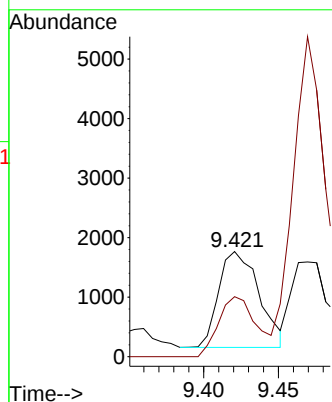
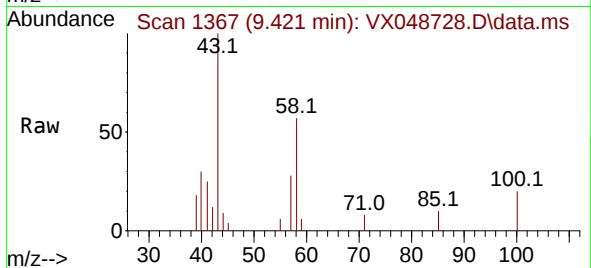
NGKO

Tgt Ion: 43 Resp: 3017

Ion Ratio Lower Upper

43 100

58 59.0 27.8 83.4



#62

4-Bromofluorobenzene

Concen: 41.235 ug/l

RT: 11.061 min Scan# 1636

Delta R.T. -0.000 min

Lab File: VX048728.D

Acq: 05 Dec 2025 12:20

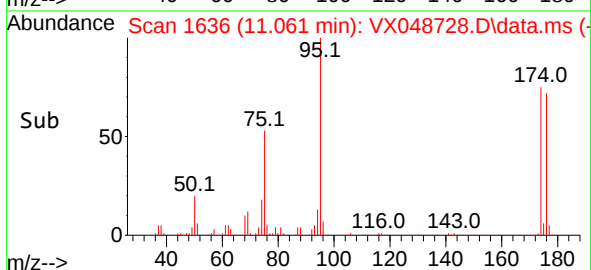
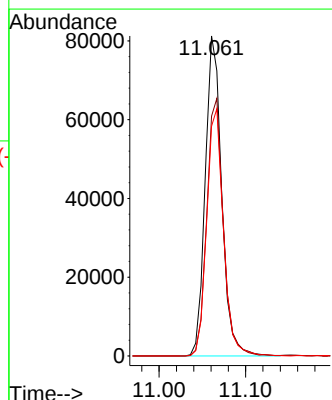
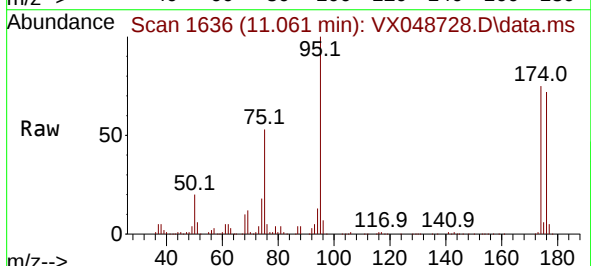
Tgt Ion: 95 Resp: 107248

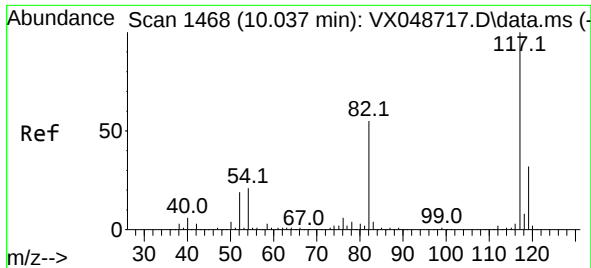
Ion Ratio Lower Upper

95 100

174 81.2 0.0 157.8

176 78.4 0.0 154.0

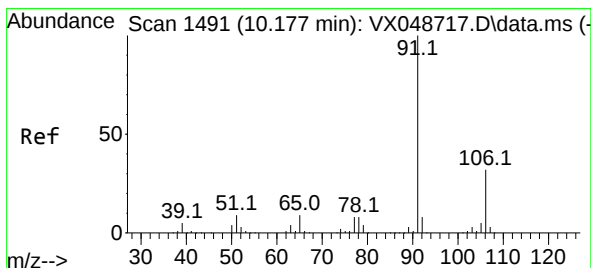
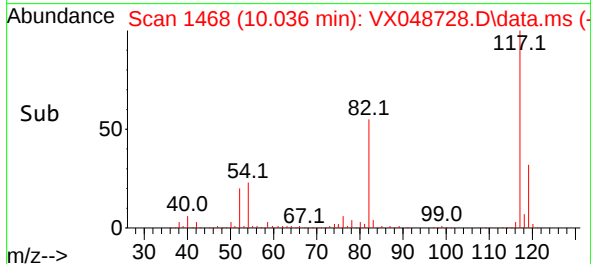
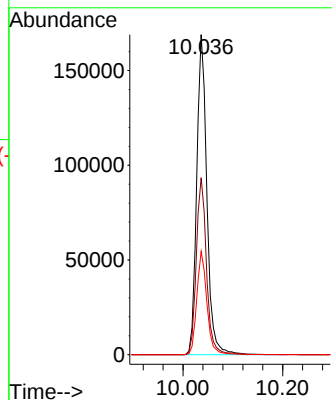
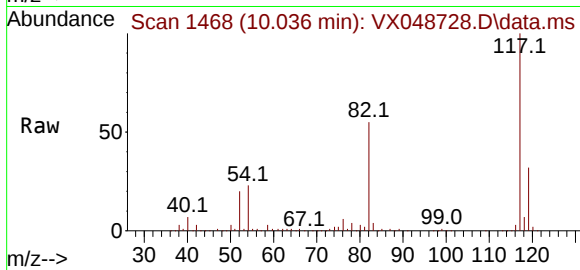




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.036 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048728.D
Acq: 05 Dec 2025 12:20

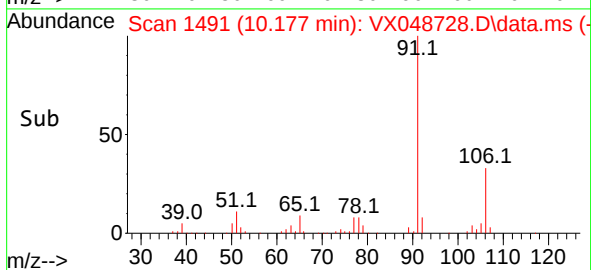
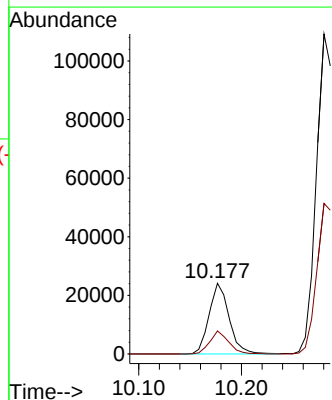
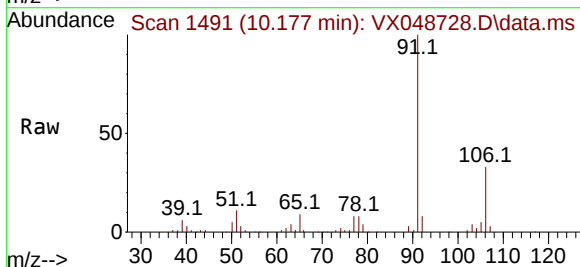
Instrument :
MSVOA_X
ClientSampleId :
NGKO

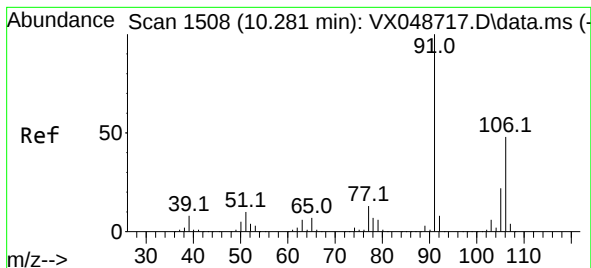
Tgt Ion:117 Resp: 239153
Ion Ratio Lower Upper
117 100
82 55.3 44.1 66.1
119 32.3 25.2 37.8



#67
Ethyl Benzene
Concen: 3.824 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048728.D
Acq: 05 Dec 2025 12:20

Tgt Ion: 91 Resp: 32666
Ion Ratio Lower Upper
91 100
106 32.6 25.3 37.9





#68

m/p-Xylenes

Concen: 21.949 ug/l

RT: 10.280 min Scan# 1508

Delta R.T. -0.000 min

Lab File: VX048728.D

Acq: 05 Dec 2025 12:20

Instrument :

MSVOA_X

ClientSampleId :

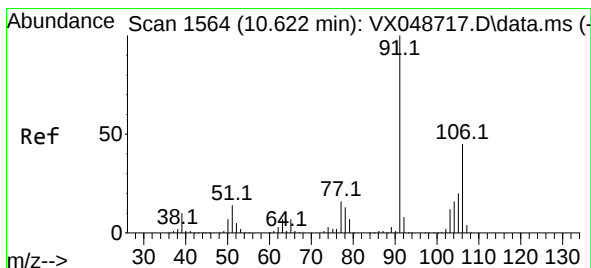
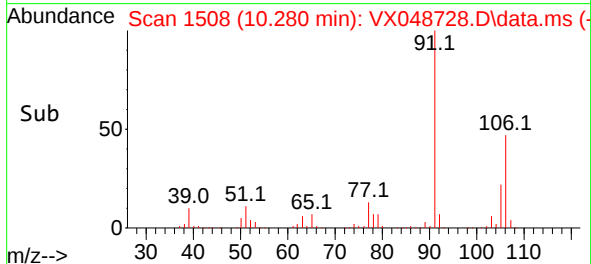
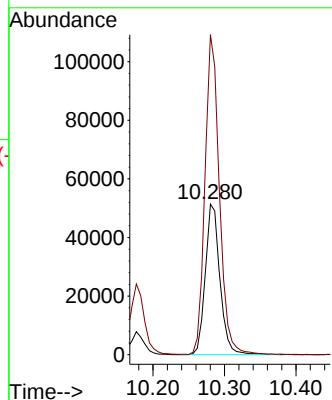
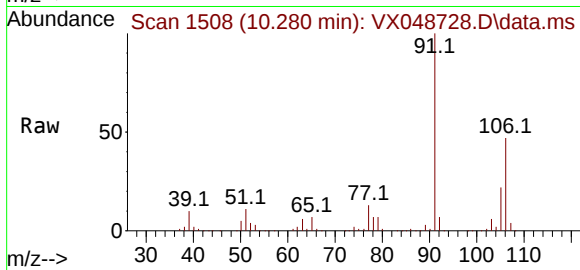
NGKO

Tgt Ion:106 Resp: 73033

Ion Ratio Lower Upper

106 100

91 210.4 164.2 246.4



#69

o-Xylene

Concen: 7.758 ug/l

RT: 10.622 min Scan# 1564

Delta R.T. -0.000 min

Lab File: VX048728.D

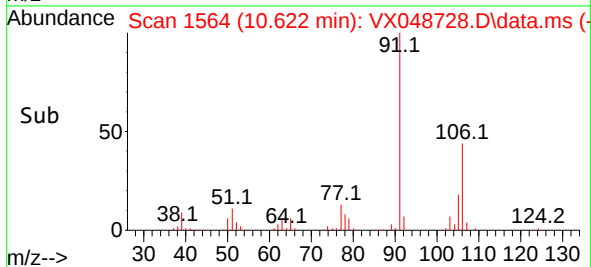
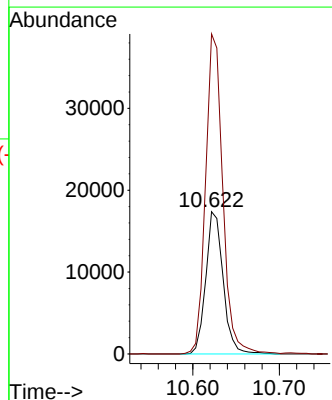
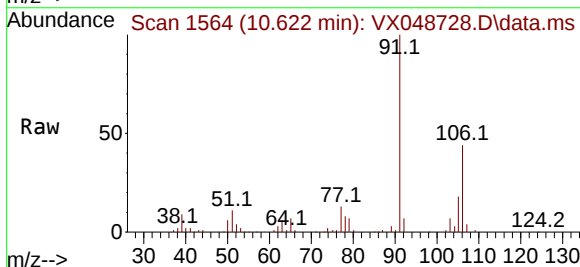
Acq: 05 Dec 2025 12:20

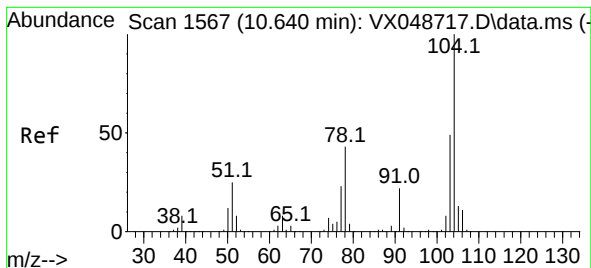
Tgt Ion:106 Resp: 24188

Ion Ratio Lower Upper

106 100

91 222.9 108.1 324.3





#70

Styrene

Concen: 0.340 ug/l

RT: 10.622 min Scan# 1564

Delta R.T. -0.019 min

Lab File: VX048728.D

Acq: 05 Dec 2025 12:20

Instrument :

MSVOA_X

ClientSampleId :

NGKO

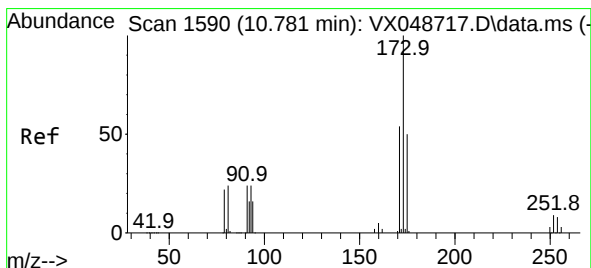
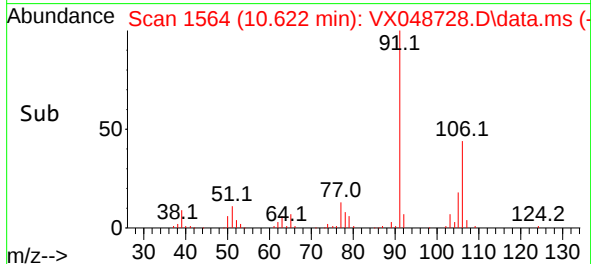
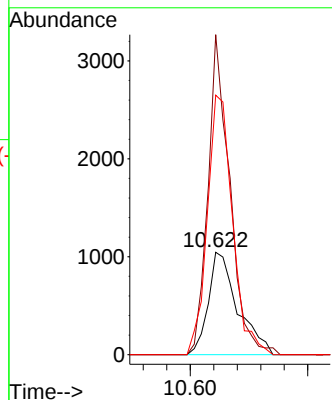
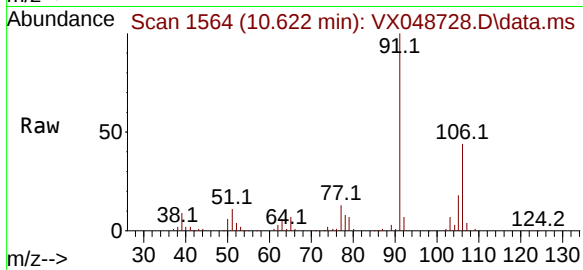
Tgt Ion:104 Resp: 1818

Ion Ratio Lower Upper

104 100

78 232.0 40.6 60.8#

103 217.7 43.4 65.2#



#71

Bromoform

Concen: 0.208 ug/l

RT: 10.786 min Scan# 1591

Delta R.T. 0.006 min

Lab File: VX048728.D

Acq: 05 Dec 2025 12:20

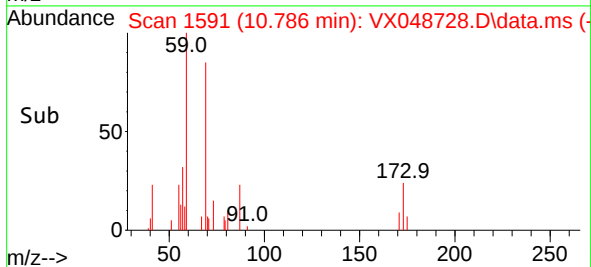
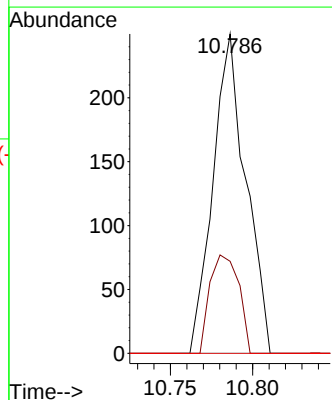
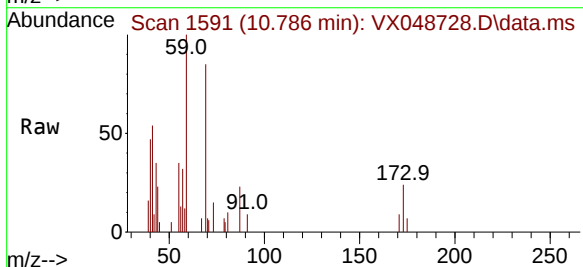
Tgt Ion:173 Resp: 347

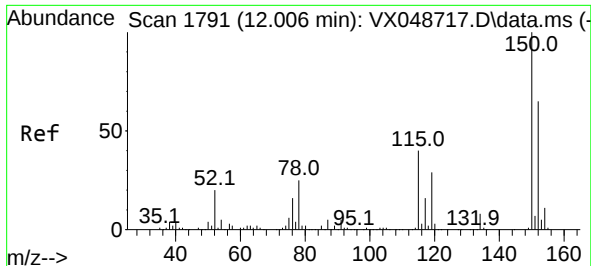
Ion Ratio Lower Upper

173 100

175 0.0 24.3 72.8#

254 0.0 0.1 0.1#

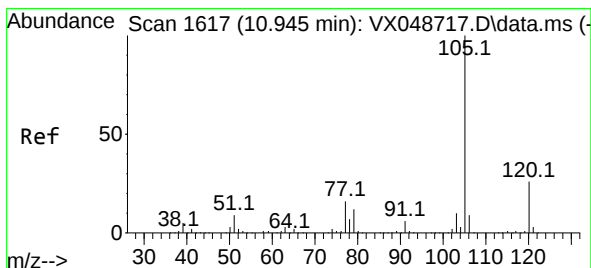
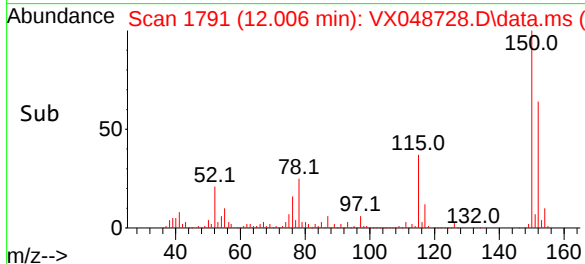
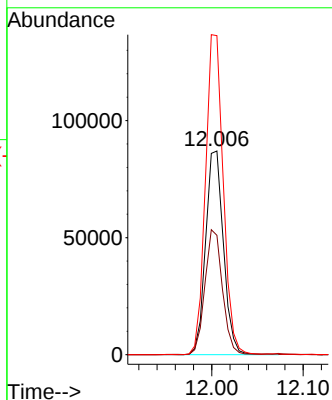
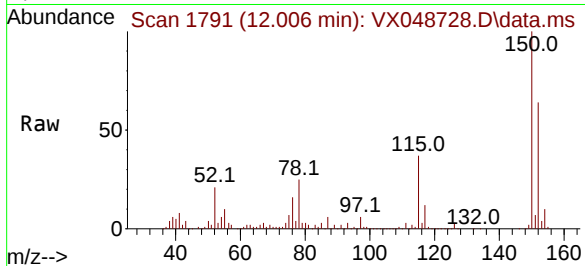




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048728.D
Acq: 05 Dec 2025 12:20

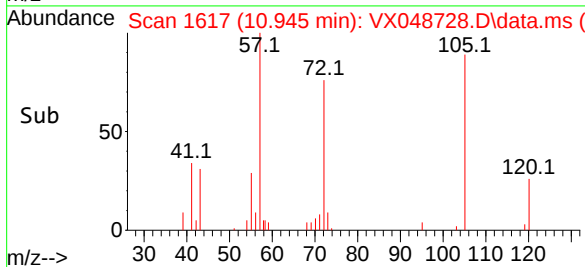
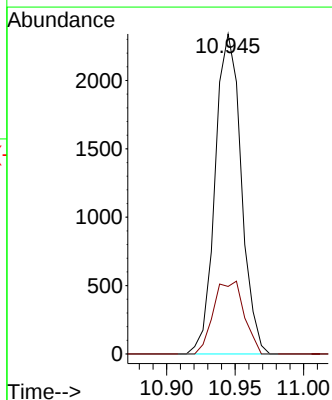
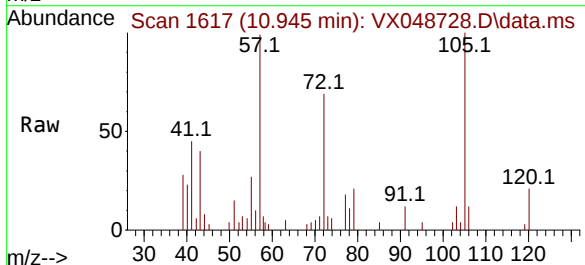
Instrument :
MSVOA_X
ClientSampleId :
NGKO

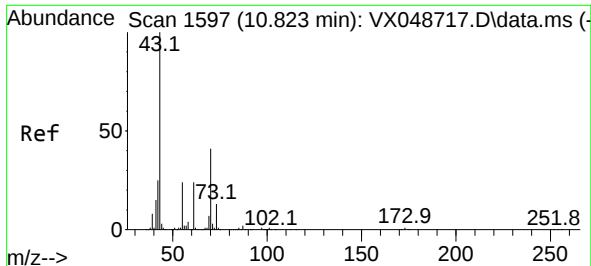
Tgt Ion:152 Resp: 118381
Ion Ratio Lower Upper
152 100
115 60.0 42.1 126.4
150 156.2 0.0 347.8



#73
Isopropylbenzene
Concen: 0.388 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX048728.D
Acq: 05 Dec 2025 12:20

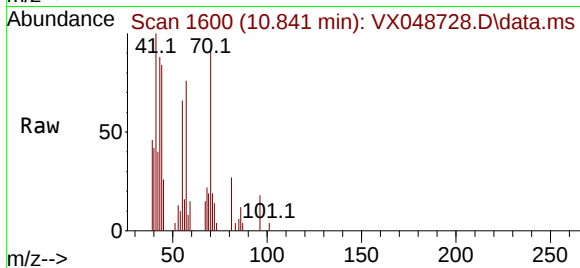
Tgt Ion:105 Resp: 3097
Ion Ratio Lower Upper
105 100
120 26.6 13.2 39.5



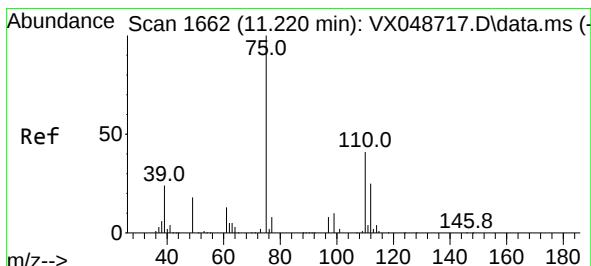
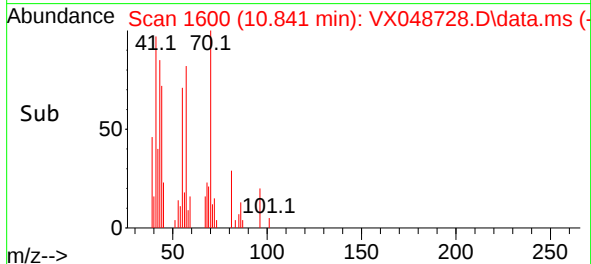
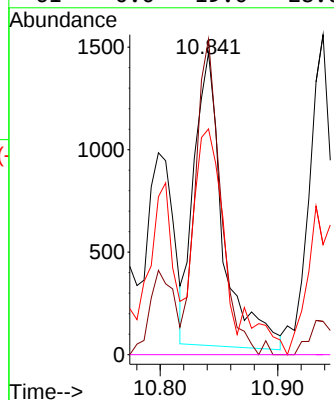


#74
N-amy1 acetate
Concen: 0.703 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.018 min
Lab File: VX048728.D
Acq: 05 Dec 2025 12:20

Instrument :
MSVOA_X
ClientSampleId :
NGKO

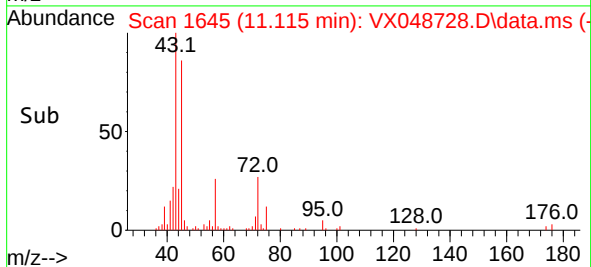
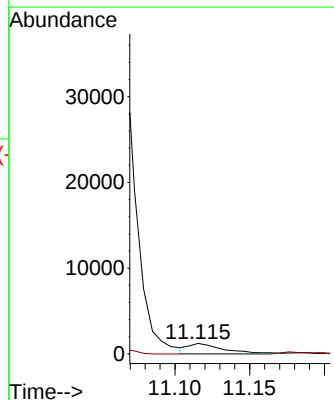
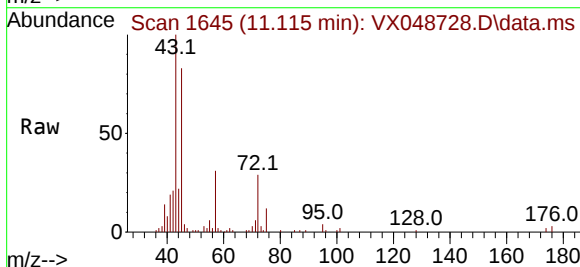


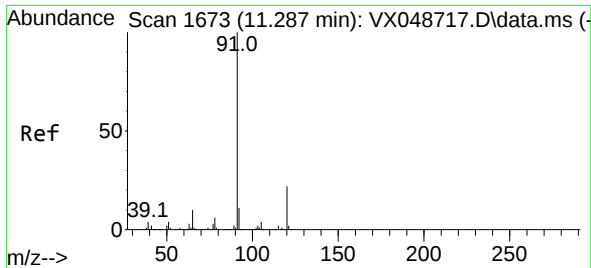
Tgt Ion: 43 Resp: 2437
Ion Ratio Lower Upper
43 100
70 93.4 33.9 50.9#
55 66.0 19.1 28.7#
61 0.0 19.0 28.6#



#76
1,2,3-Trichloropropane
Concen: 0.827 ug/l
RT: 11.115 min Scan# 1645
Delta R.T. -0.104 min
Lab File: VX048728.D
Acq: 05 Dec 2025 12:20

Tgt Ion: 75 Resp: 1823
Ion Ratio Lower Upper
75 100
77 0.0 24.3 73.0#

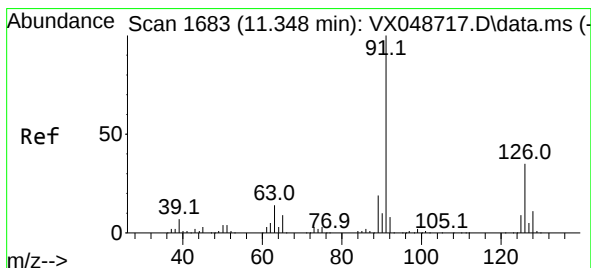
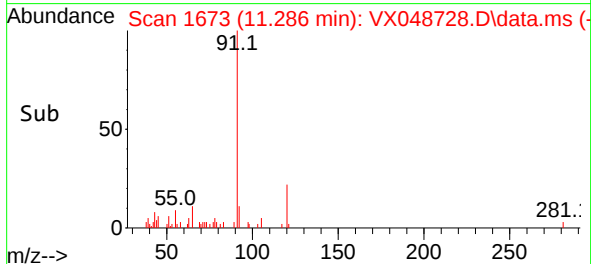
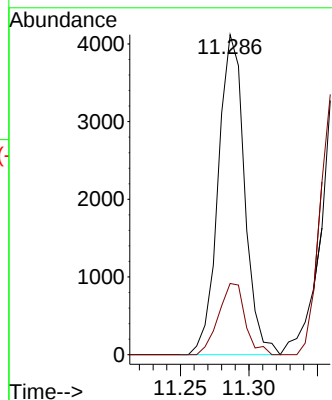
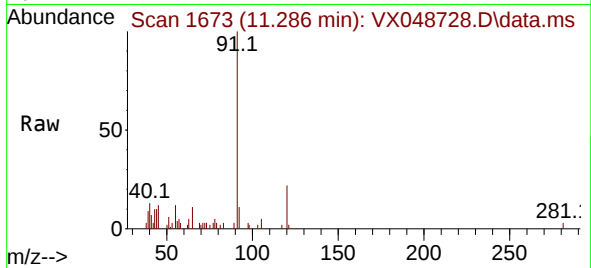




#78
n-propylbenzene
Concen: 0.596 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048728.D
Acq: 05 Dec 2025 12:20

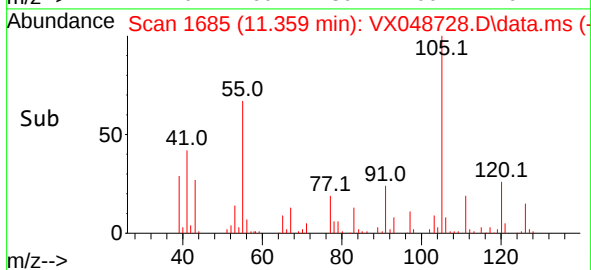
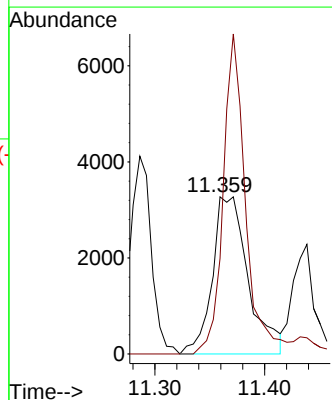
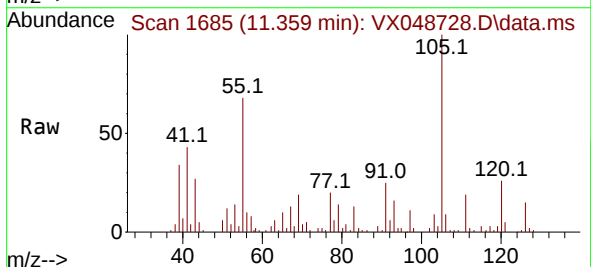
Instrument :
MSVOA_X
ClientSampleId :
NGKO

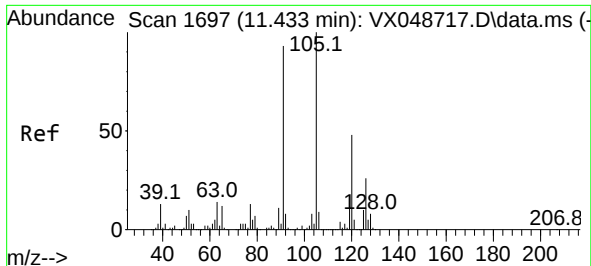
Tgt Ion: 91 Resp: 5506
Ion Ratio Lower Upper
91 100
120 22.4 11.4 34.2



#79
2-Chlorotoluene
Concen: 1.322 ug/l
RT: 11.359 min Scan# 1685
Delta R.T. 0.012 min
Lab File: VX048728.D
Acq: 05 Dec 2025 12:20

Tgt Ion: 91 Resp: 7450
Ion Ratio Lower Upper
91 100
126 126.4 16.8 50.3#

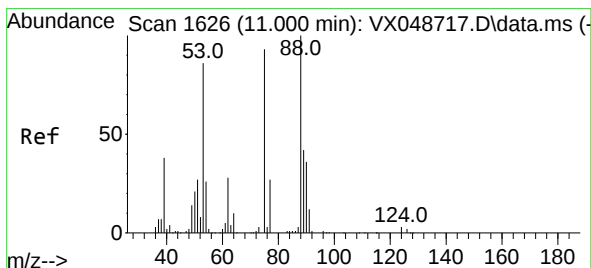
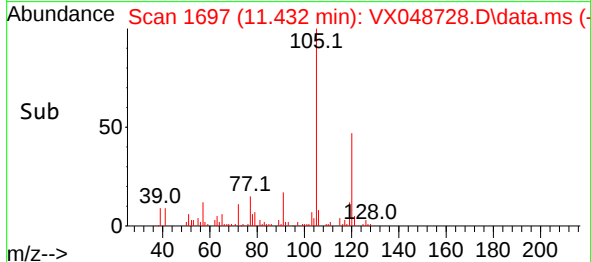
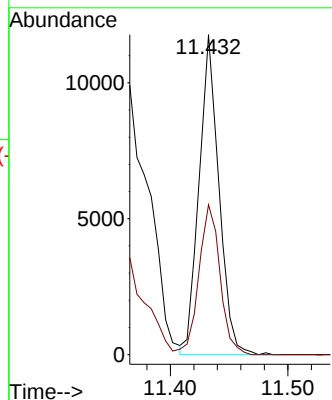
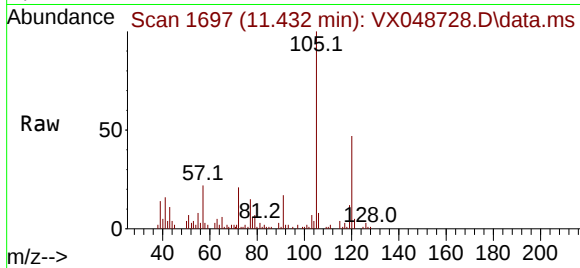




#80
1,3,5-Trimethylbenzene
Concen: 2.109 ug/l
RT: 11.432 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048728.D
Acq: 05 Dec 2025 12:20

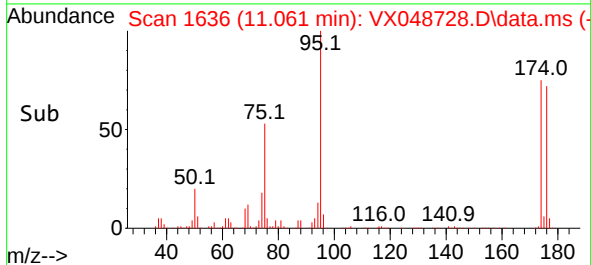
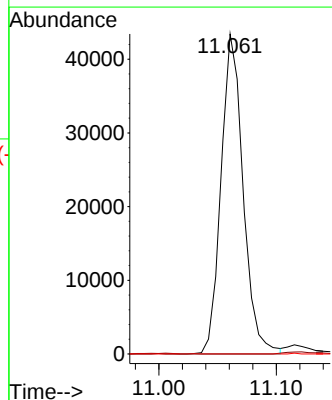
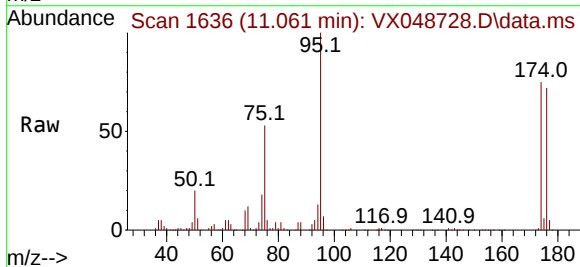
Instrument :
MSVOA_X
ClientSampleId :
NGKO

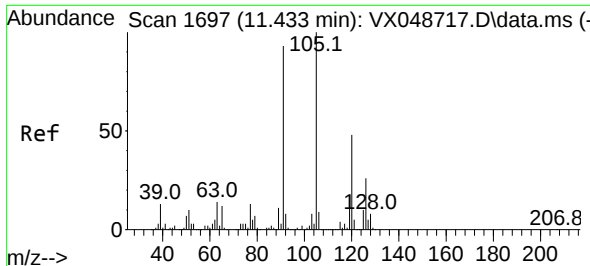
Tgt Ion:105 Resp: 13827
Ion Ratio Lower Upper
105 100
120 50.0 24.4 73.2



#81
trans-1,4-Dichloro-2-butene
Concen: 61.093 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.061 min
Lab File: VX048728.D
Acq: 05 Dec 2025 12:20

Tgt Ion: 75 Resp: 56708
Ion Ratio Lower Upper
75 100
53 0.0 79.9 119.9#
89 0.0 67.1 100.7#

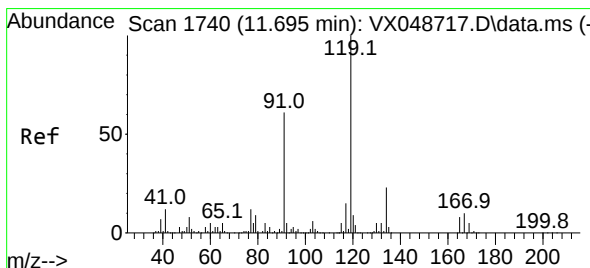
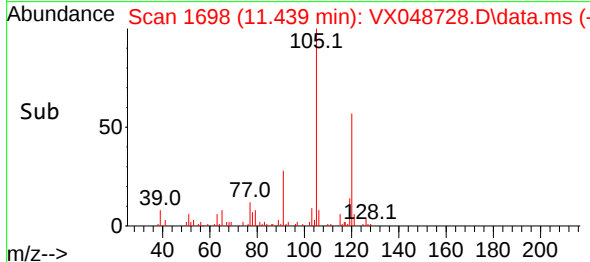
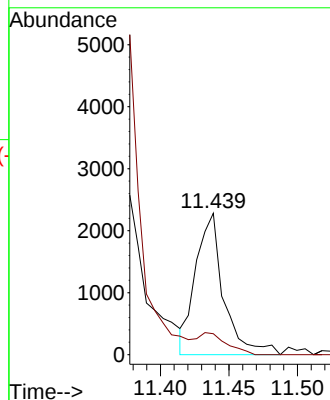
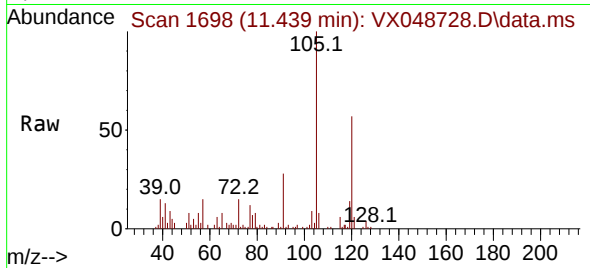




#82
4-Chlorotoluene
Concen: 0.493 ug/l
RT: 11.439 min Scan# 1697
Delta R.T. 0.006 min
Lab File: VX048728.D
Acq: 05 Dec 2025 12:20

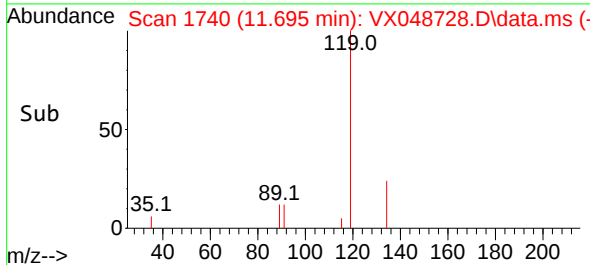
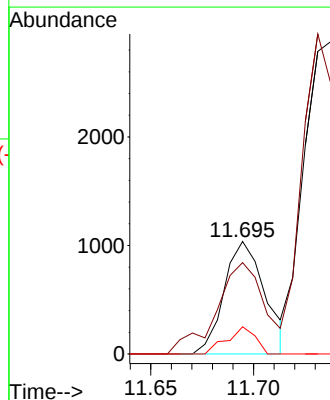
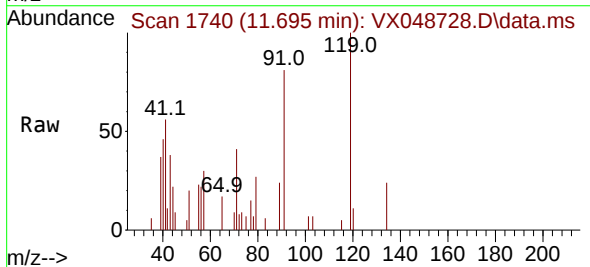
Instrument :
MSVOA_X
ClientSampleId :
NGKO

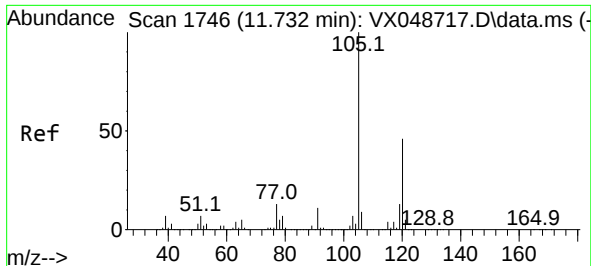
Tgt Ion: 91 Resp: 3239
Ion Ratio Lower Upper
91 100
126 16.6 14.7 44.1



#83
tert-Butylbenzene
Concen: 0.210 ug/l
RT: 11.695 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VX048728.D
Acq: 05 Dec 2025 12:20

Tgt Ion: 119 Resp: 1431
Ion Ratio Lower Upper
119 100
91 0.0 28.4 85.2#
134 16.8 11.2 33.5

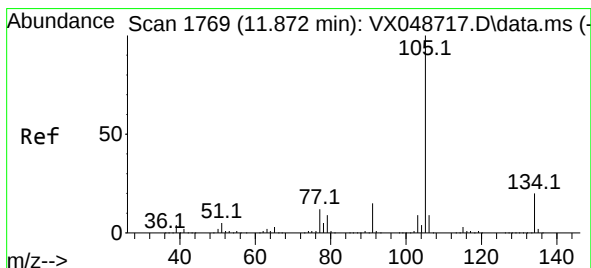
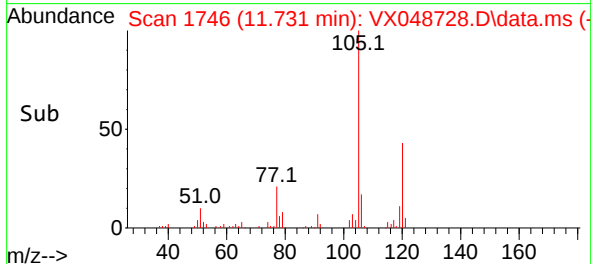
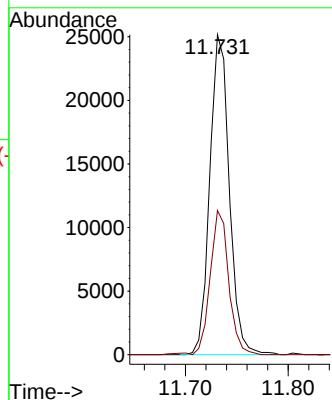
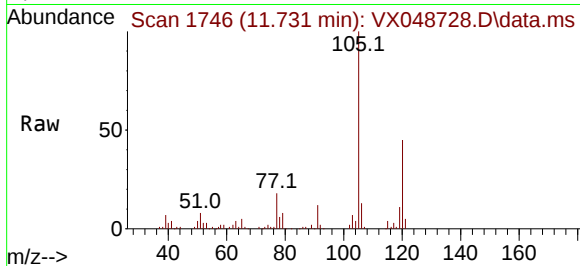




#84
1,2,4-Trimethylbenzene
Concen: 5.013 ug/l
RT: 11.731 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048728.D
Acq: 05 Dec 2025 12:20

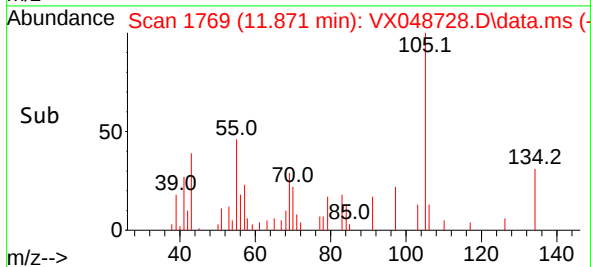
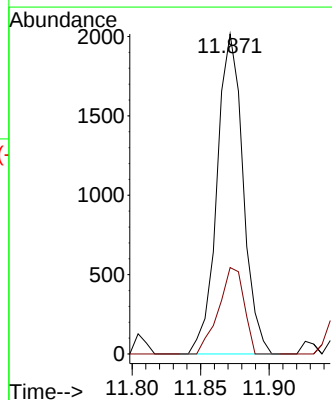
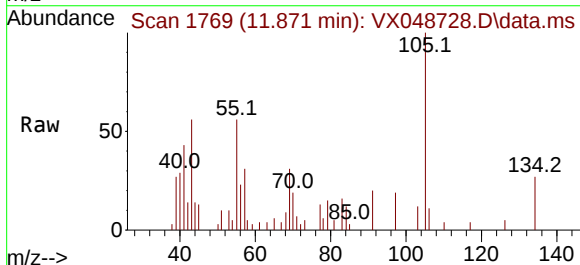
Instrument :
MSVOA_X
ClientSampleId :
NGKO

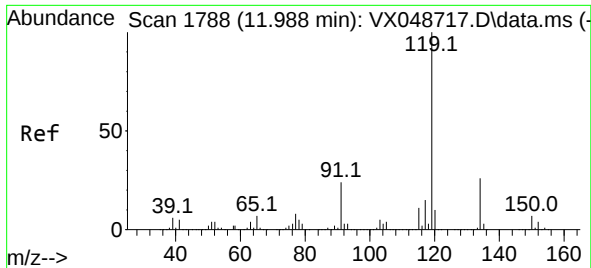
Tgt Ion:105 Resp: 33156
Ion Ratio Lower Upper
105 100
120 43.1 22.3 66.8



#85
sec-Butylbenzene
Concen: 0.324 ug/l
RT: 11.871 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VX048728.D
Acq: 05 Dec 2025 12:20

Tgt Ion:105 Resp: 2672
Ion Ratio Lower Upper
105 100
134 26.2 9.8 29.5

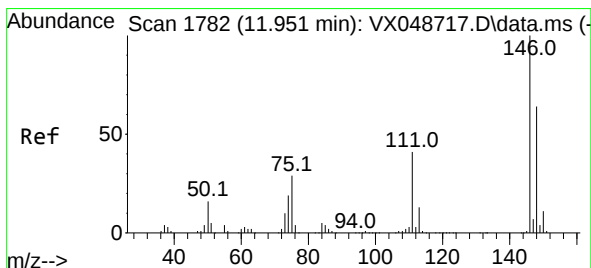
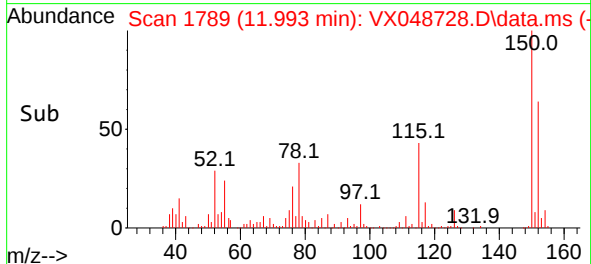
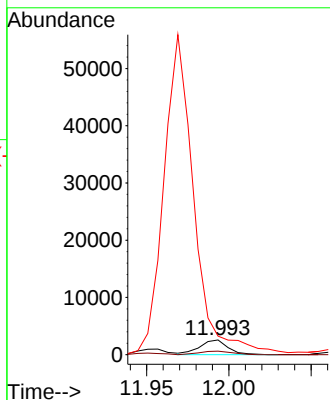
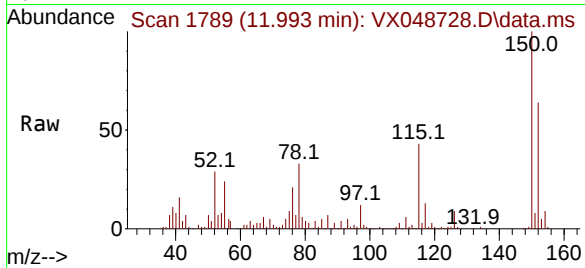




#86
p-Isopropyltoluene
Concen: 0.437 ug/l
RT: 11.993 min Scan# 1789
Delta R.T. 0.006 min
Lab File: VX048728.D
Acq: 05 Dec 2025 12:20

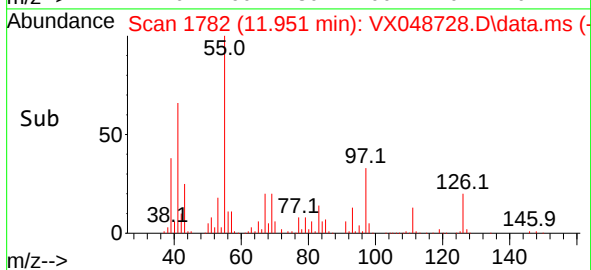
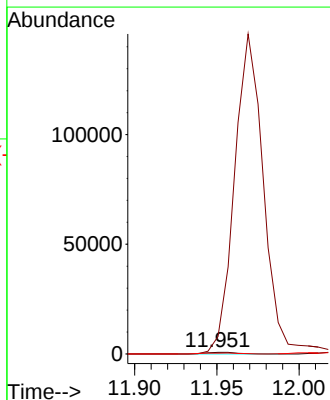
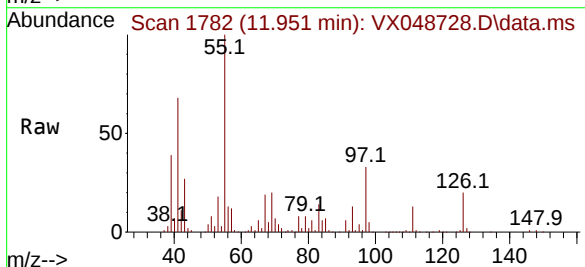
Instrument :
MSVOA_X
ClientSampleId :
NGKO

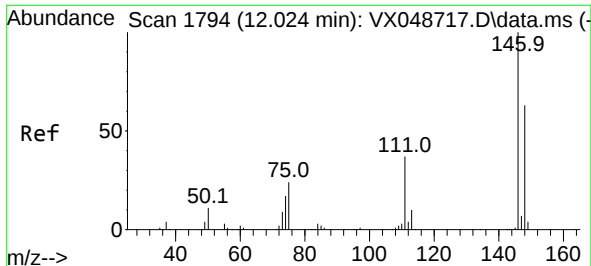
Tgt Ion:119 Resp: 3085
Ion Ratio Lower Upper
119 100
134 27.1 13.1 39.3
91 0.0 11.8 35.4#



#87
1,3-Dichlorobenzene
Concen: 0.257 ug/l
RT: 11.951 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VX048728.D
Acq: 05 Dec 2025 12:20

Tgt Ion:146 Resp: 1010
Ion Ratio Lower Upper
146 100
111 18070.3 20.3 60.8#
148 64.0 32.1 96.5





#88

1,4-Dichlorobenzene

Concen: 0.288 ug/l

RT: 12.024 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048728.D

Acq: 05 Dec 2025 12:20

Instrument :

MSVOA_X

ClientSampleId :

NGKO

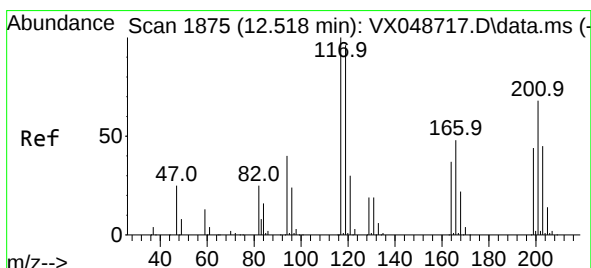
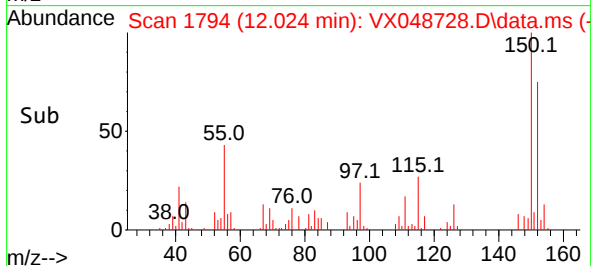
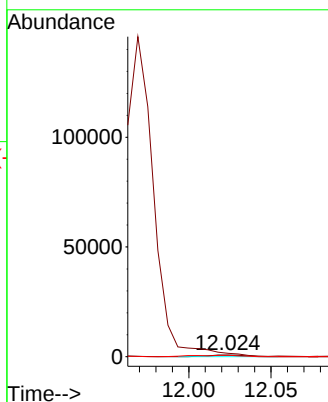
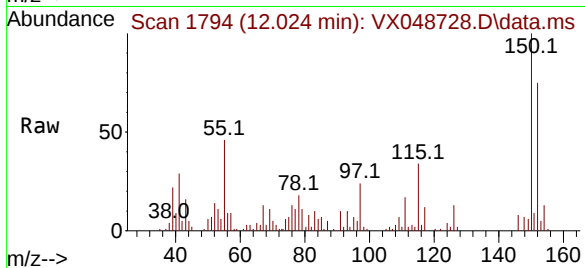
Tgt Ion:146 Resp: 1169

Ion Ratio Lower Upper

146 100

111 0.0 19.6 58.7#

148 56.3 31.6 94.7



#90

Hexachloroethane

Concen: 0.478 ug/l

RT: 12.518 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VX048728.D

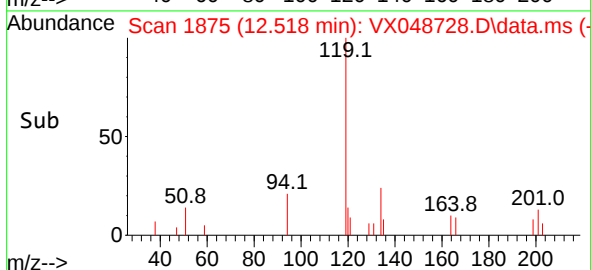
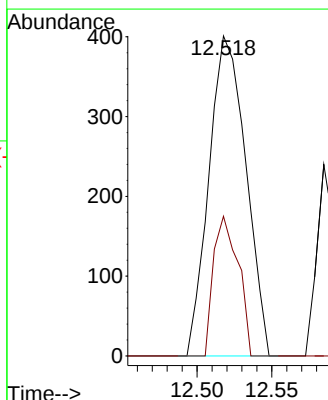
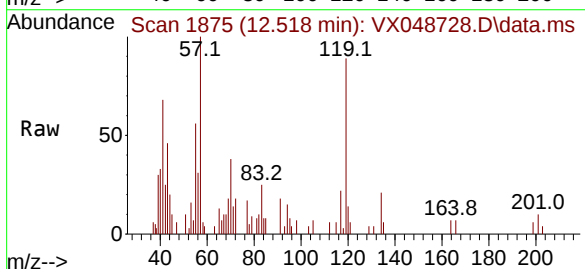
Acq: 05 Dec 2025 12:20

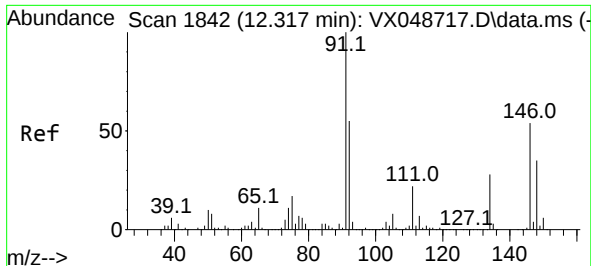
Tgt Ion:117 Resp: 688

Ion Ratio Lower Upper

117 100

201 29.2 36.4 109.1#

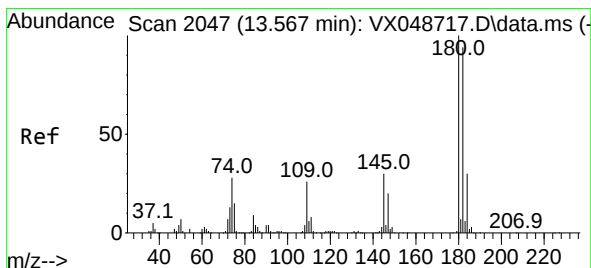
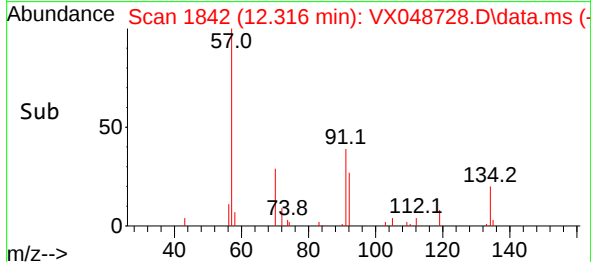
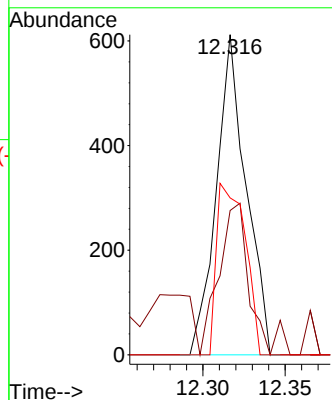
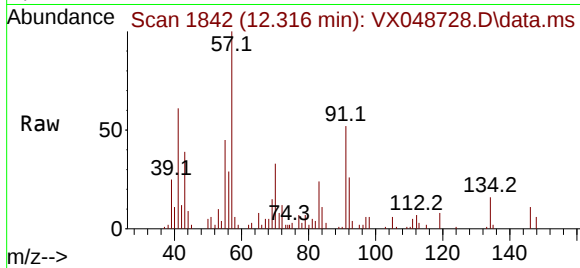




#91
1,2-Dichlorobenzene
Concen: 0.202 ug/l
RT: 12.316 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX048728.D
Acq: 05 Dec 2025 12:20

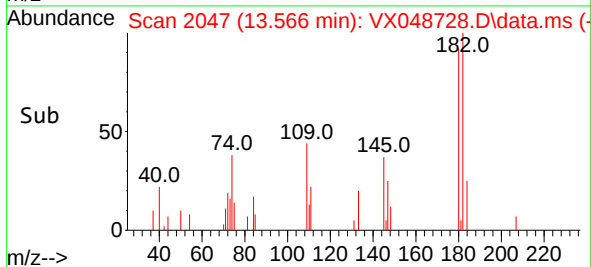
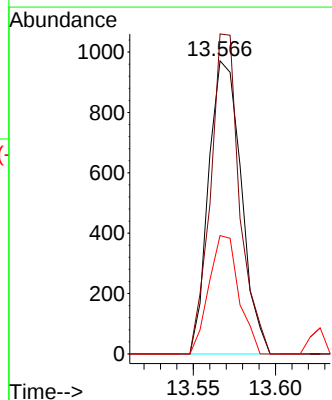
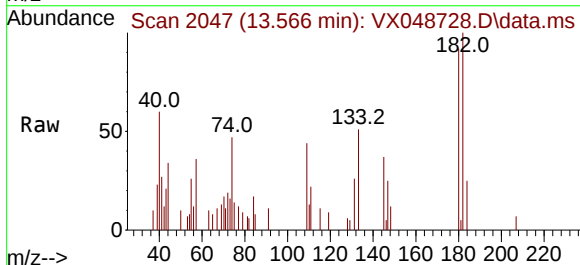
Instrument :
MSVOA_X
ClientSampleId :
NGKO

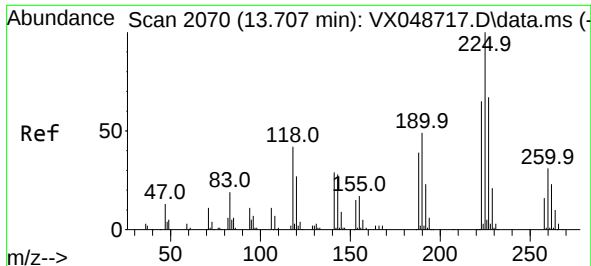
Tgt Ion:146 Resp: 769
Ion Ratio Lower Upper
146 100
111 49.9 20.8 62.5
148 51.5 32.0 96.0



#93
1,2,4-Trichlorobenzene
Concen: 0.532 ug/l
RT: 13.566 min Scan# 2047
Delta R.T. -0.000 min
Lab File: VX048728.D
Acq: 05 Dec 2025 12:20

Tgt Ion:180 Resp: 1337
Ion Ratio Lower Upper
180 100
182 97.6 46.9 140.8
145 37.1 15.1 45.3

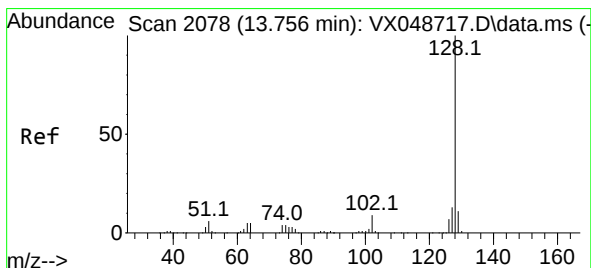
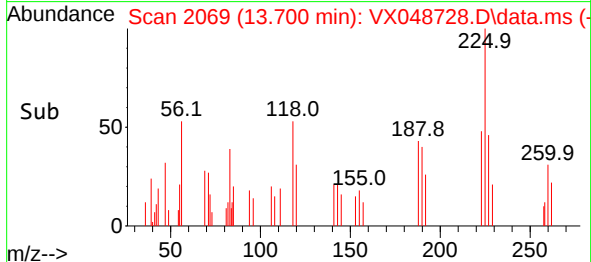
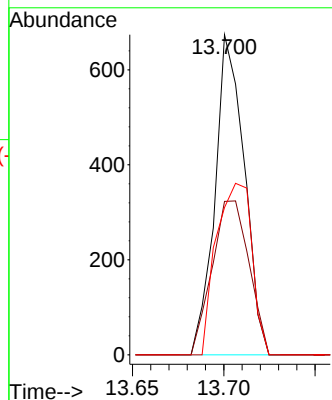
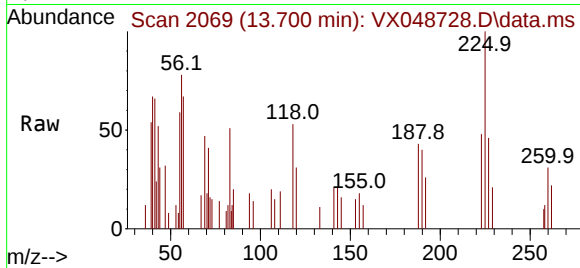




#94
Hexachlorobutadiene
Concen: 0.723 ug/l
RT: 13.700 min Scan# 2070
Delta R.T. -0.007 min
Lab File: VX048728.D
Acq: 05 Dec 2025 12:20

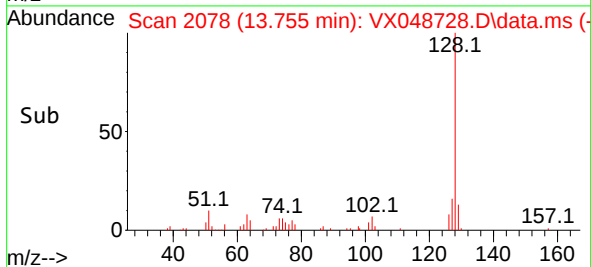
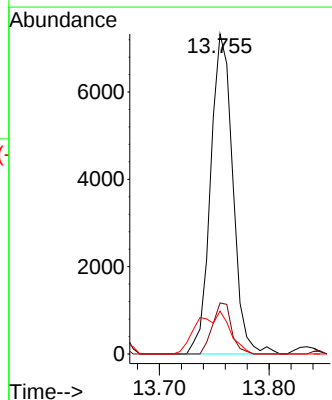
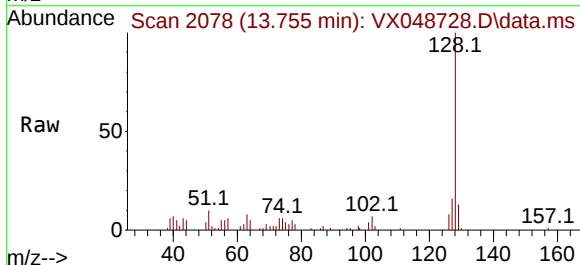
Instrument :
MSVOA_X
ClientSampleId :
NGKO

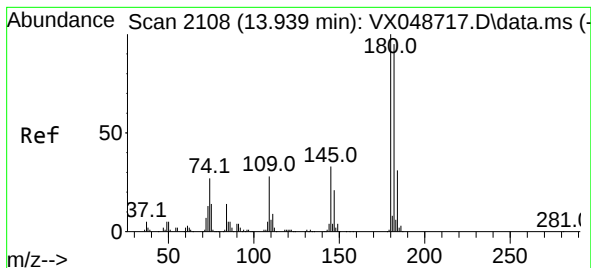
Tgt Ion:225 Resp: 752
Ion Ratio Lower Upper
225 100
223 60.6 33.0 98.9
227 64.9 32.9 98.7



#95
Naphthalene
Concen: Below Cal
RT: 13.755 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX048728.D
Acq: 05 Dec 2025 12:20

Tgt Ion:128 Resp: 10340
Ion Ratio Lower Upper
128 100
127 13.5 10.2 15.2
129 19.7 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.563 ug/l
 RT: 13.938 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX048728.D
 Acq: 05 Dec 2025 12:20

Instrument :
 MSVOA_X
 ClientSampleId :
 NGKO

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.3	48.0	144.2
145	40.9	16.6	49.8

