

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR082125\
 Data File : VR026751.D
 Acq On : 21 Aug 2025 11:04
 Operator : SY/MD
 Sample : VR0821WBL01
 Misc : 5mL/MSVOA_R/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VR0821WBL01

Quant Time: Aug 22 06:52:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_R\methods\82R082025W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 06:50:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.385	168	1720020	50.000	ug/l	0.00
33) 1,4-Difluorobenzene	8.389	114	2941265	50.000	ug/l	0.00
62) Chlorobenzene-d5	11.563	117	2096274	50.000	ug/l	0.00
71) 1,4-Dichlorobenzene-d4	13.761	152	607406	50.000	ug/l	0.00

System Monitoring Compounds						
32) 1,2-Dichloroethane-d4	7.770	65	1013116	46.903	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.800%
34) Dibromofluoromethane	7.292	113	841407	43.861	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.720%
49) Toluene-d8	10.074	98	3276596	50.950	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.900%
61) 4-Bromofluorobenzene	12.692	95	782025	42.857	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	85.720%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.801	85	30	0.002	ug/l #	43
3) Chloromethane	1.808	50	117	0.061	ug/l #	98
4) Vinyl Chloride	2.116	62	47	0.002	ug/l #	43
5) Bromomethane	2.465	94	887	0.108	ug/l #	74
6) Chloroethane	2.552	64	464	0.030	ug/l #	84
7) Trichlorofluoromethane	2.854	101	205	0.004	ug/l #	18
8) Diethyl Ether	3.268	74	144	0.009	ug/l	72
9) 1,1,2-Trichlorotrifluo...	3.537	101	180	0.009	ug/l #	59
10) Methyl Iodide	3.720	142	1093	0.050	ug/l #	87
11) Tert butyl alcohol	4.503	59	54	0.016	ug/l #	1
12) 1,1-Dichloroethene	3.511	96	222	0.010	ug/l #	16
13) Acrolein	3.406	56	208	0.091	ug/l	99
14) Allyl chloride	4.054	41	200	0.005	ug/l #	3
15) Acrylonitrile	4.651	53	184	0.013	ug/l #	35
16) Acetone	3.595	43	450	0.039	ug/l #	77
17) Carbon Disulfide	3.797	76	1181	0.022	ug/l #	76
18) Methyl Acetate	4.060	43	75	0.002	ug/l #	65
19) Methyl tert-butyl Ether	4.728	73	98	0.001	ug/l #	53
20) Methylene Chloride	4.243	84	2587	0.106	ug/l #	70
21) trans-1,2-Dichloroethene	4.692	96	232	0.010	ug/l #	10
22) Diisopropyl ether	5.613	45	115	0.001	ug/l #	38
23) Vinyl Acetate	5.536	43	250	0.004	ug/l #	52
24) 1,1-Dichloroethane	5.479	63	74	0.002	ug/l #	84
25) 2-Butanone	6.496	43	326	0.018	ug/l #	45
26) 2,2-Dichloropropane	5.992	77	111	0.004	ug/l	83
27) cis-1,2-Dichloroethene	6.444	96	43	0.002	ug/l	64
28) Bromochloromethane	6.836	49	210	0.017	ug/l #	17
29) Chloroform	7.256	83	79	0.002	ug/l	88
30) Cyclohexane	7.381	56	39252	0.887	ug/l #	1
31) 1,1,1-Trichloroethane	7.269	97	285	0.009	ug/l #	24
35) 1,1-Dichloropropene	7.385	75	147881	4.950	ug/l #	49
36) Ethyl Acetate	6.602	43	196	0.005	ug/l #	57
37) Carbon Tetrachloride	7.385	117	179430	6.674	ug/l #	16
39) Benzene	7.789	78	1359	0.015	ug/l #	44
40) Methacrylonitrile	6.846	41	190	0.010	ug/l #	1
41) 1,2-Dichloroethane	7.391	62	9960	0.392	ug/l #	1

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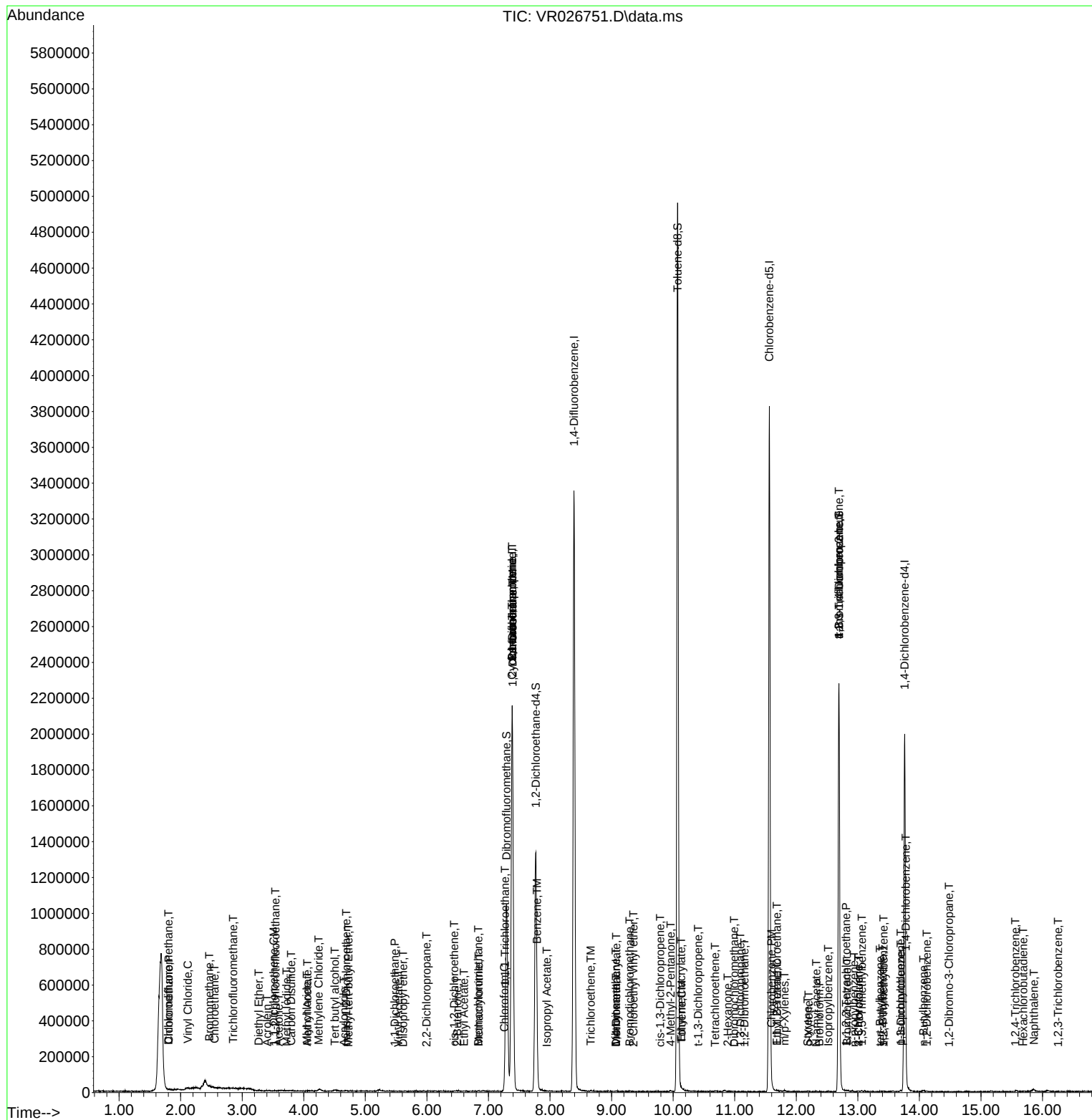
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Isopropyl Acetate	7.946	43	162	0.003	ug/l #	60
43) Trichloroethene	8.662	130	193	0.010	ug/l	1
45) Dibromomethane	9.066	93	160	0.011	ug/l #	66
46) Bromodichloromethane	9.294	83	70	0.003	ug/l #	25
47) Methyl methacrylate	9.076	41	190	0.007	ug/l #	1
48) 1,4-Dioxane	9.072	88	98	0.288	ug/l #	10
50) 4-Methyl-2-Pentanone	9.961	43	3195	0.119	ug/l #	22
51) Toluene	10.138	92	885	0.017	ug/l	85
52) t-1,3-Dichloropropene	10.404	75	327	0.013	ug/l #	42
53) cis-1,3-Dichloropropene	9.791	75	140	0.005	ug/l #	59
55) Ethyl methacrylate	10.131	69	217	0.007	ug/l #	36
56) 1,3-Dichloropropane	11.094	76	107	0.003	ug/l	91
57) 2-Chloroethyl Vinyl ether	9.355	63	116	0.068	ug/l	92
58) 2-Hexanone	10.886	43	221	0.012	ug/l	92
59) Dibromochloromethane	10.991	129	110	0.006	ug/l	86
60) 1,2-Dibromoethane	11.158	107	44	0.003	ug/l	100
63) Tetrachloroethene	10.680	164	514	0.035	ug/l #	31
64) Chlorobenzene	11.598	112	1507	0.032	ug/l #	72
65) 1,1,1,2-Tetrachloroethane	11.685	131	102	0.007	ug/l #	54
66) Ethyl Benzene	11.685	91	2174	0.028	ug/l #	45
67) m/p-Xylenes	11.810	106	207	0.006	ug/l #	1
68) o-Xylene	12.201	106	134	0.004	ug/l	50
69) Styrene	12.185	104	441	0.009	ug/l	93
70) Bromoform	12.378	173	221	0.026	ug/l #	29
72) Isopropylbenzene	12.519	105	1217	0.018	ug/l	83
73) N-amyl acetate	12.323	43	594	0.025	ug/l #	23
74) 1,1,2,2-Tetrachloroethane	12.811	83	146	0.008	ug/l #	59
75) 1,2,3-Trichloropropane	12.692	75	406626	27.157	ug/l #	100
76) Bromobenzene	12.827	156	407	0.028	ug/l	50
77) n-propylbenzene	12.939	91	148	0.002	ug/l	99
78) 2-Chlorotoluene	13.010	91	763	0.018	ug/l	100
79) 1,3,5-Trimethylbenzene	13.064	105	821	0.017	ug/l	80
80) trans-1,4-Dichloro-2-b...	12.692	75	406626	82.861	ug/l #	14
81) 4-Chlorotoluene	13.010	91	763	0.020	ug/l	99
82) tert-Butylbenzene	13.363	119	699	0.015	ug/l	78
83) 1,2,4-Trimethylbenzene	13.417	105	703	0.016	ug/l	85
84) sec-Butylbenzene	13.405	105	312	0.005	ug/l	78
85) p-Isopropyltoluene	13.697	119	1397	0.030	ug/l #	62
86) 1,3-Dichlorobenzene	13.697	146	1483	0.069	ug/l #	44
87) 1,4-Dichlorobenzene	13.780	146	2728	0.132	ug/l #	1
88) n-Butylbenzene	14.066	91	3096	0.094	ug/l #	58
90) 1,2-Dichlorobenzene	14.120	146	1174	0.065	ug/l #	70
91) 1,2-Dibromo-3-Chloropr...	14.480	75	47	0.025	ug/l	65
92) 1,2,4-Trichlorobenzene	15.561	180	1791	0.151	ug/l #	56
93) Hexachlorobutadiene	15.686	225	249	0.064	ug/l	78
94) Naphthalene	15.859	128	11461	0.339	ug/l #	83
95) 1,2,3-Trichlorobenzene	16.254	180	92	0.008	ug/l	71

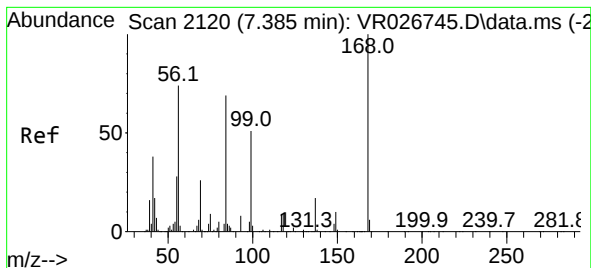
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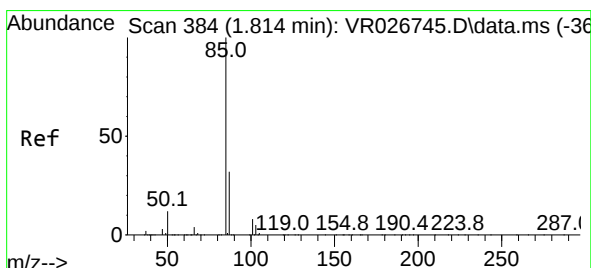
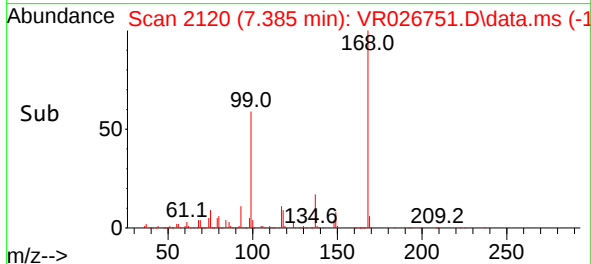
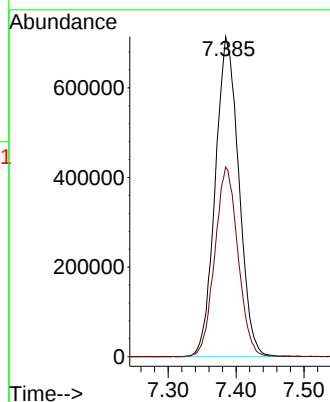
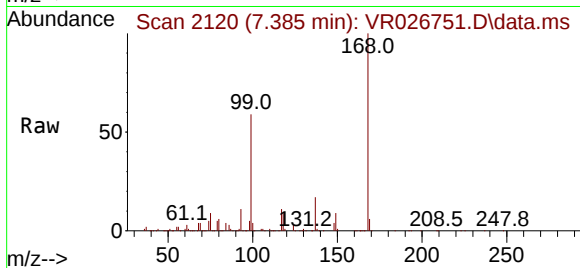




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.385 min Scan# 2120
Delta R.T. -0.000 min
Lab File: VR026751.D
Acq: 21 Aug 2025 11:04

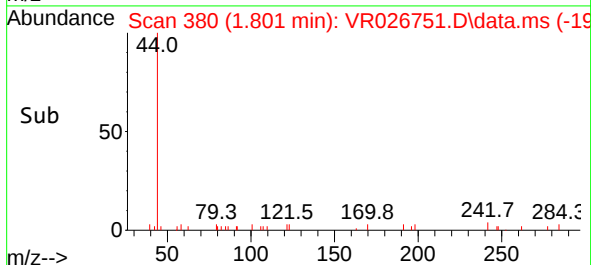
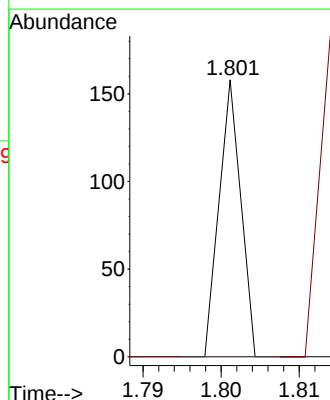
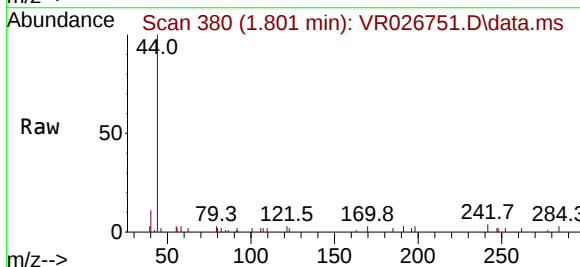
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ClientSampleId :
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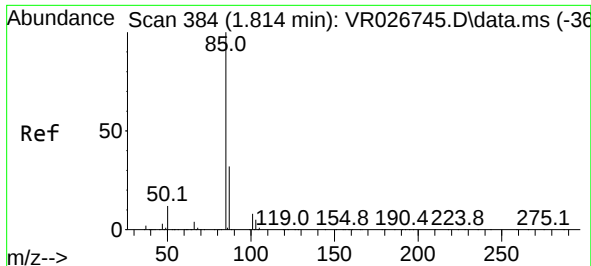
Tgt Ion:168 Resp: 1720020
Ion Ratio Lower Upper
168 100
99 59.2 47.1 70.7



#2
Dichlorodifluoromethane
Concen: 0.002 ug/l
RT: 1.801 min Scan# 380
Delta R.T. -0.013 min
Lab File: VR026751.D
Acq: 21 Aug 2025 11:04

Tgt Ion: 85 Resp: 30
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

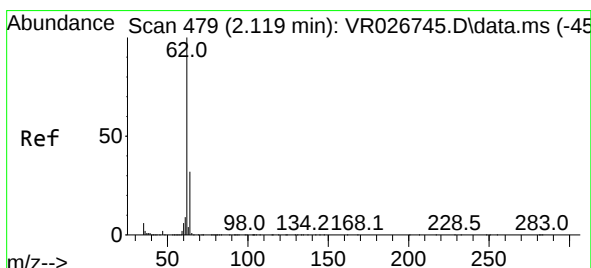
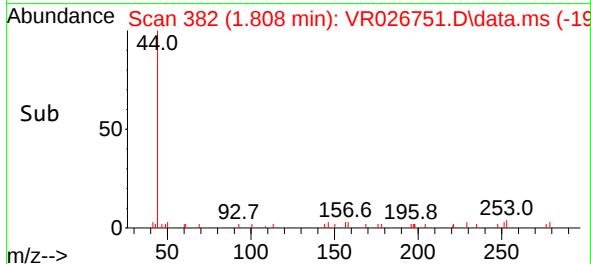
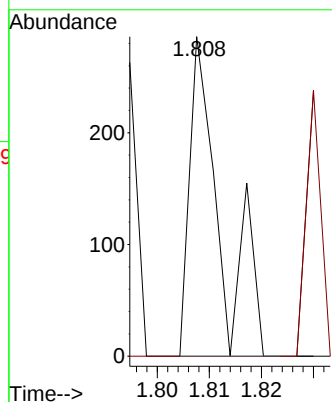
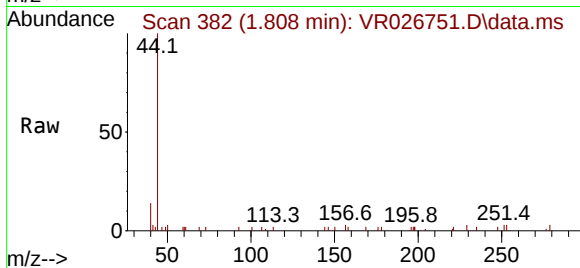




#3
Chloromethane
Concen: 0.061 ug/l
RT: 1.808 min Scan# 31
Delta R.T. -0.006 min
Lab File: VR026751.D
Acq: 21 Aug 2025 11:04

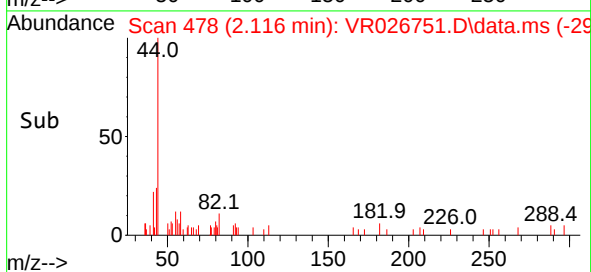
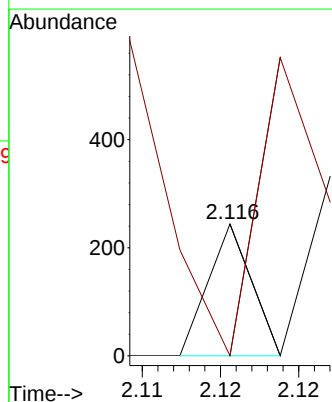
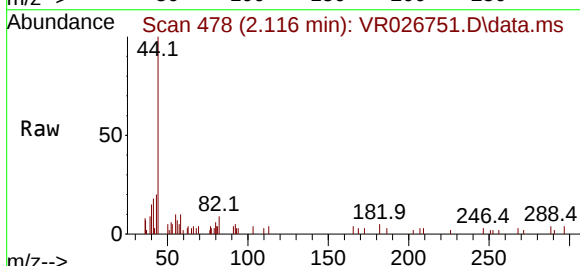
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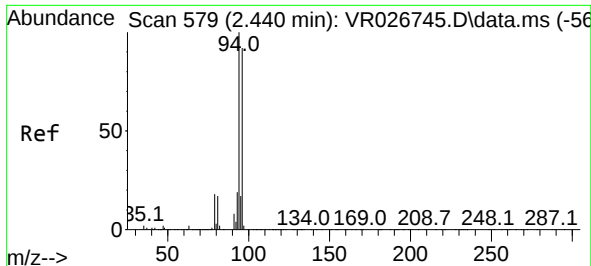
Tgt Ion: 50 Resp: 117
Ion Ratio Lower Upper
50 100
52 0.0 0.6 1.0#



#4
Vinyl Chloride
Concen: 0.002 ug/l
RT: 2.116 min Scan# 478
Delta R.T. -0.003 min
Lab File: VR026751.D
Acq: 21 Aug 2025 11:04

Tgt Ion: 62 Resp: 47
Ion Ratio Lower Upper
62 100
64 0.0 25.5 38.3#

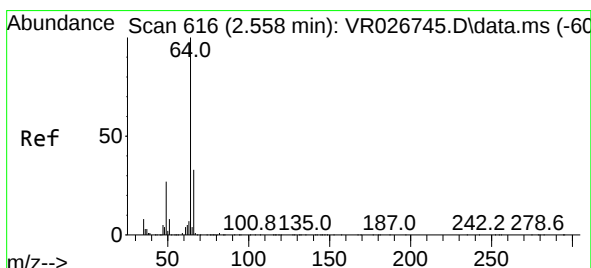
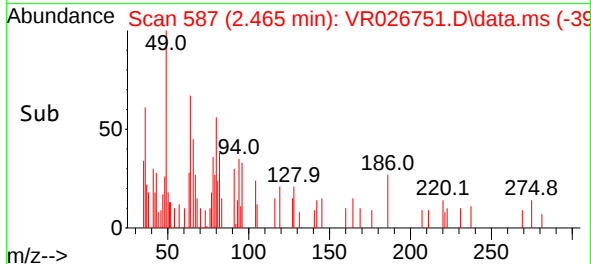
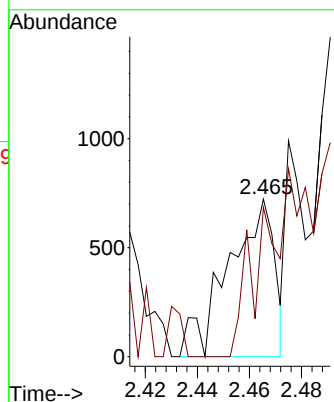
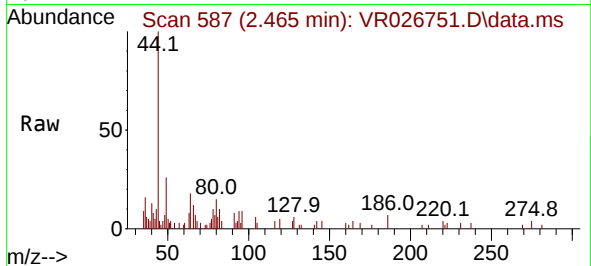




#5
Bromomethane
Concen: 0.108 ug/l
RT: 2.465 min Scan# 51
Delta R.T. 0.025 min
Lab File: VR026751.D
Acq: 21 Aug 2025 11:04

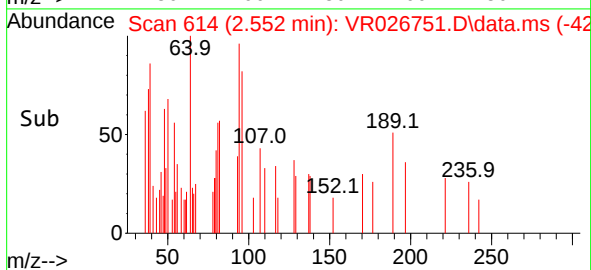
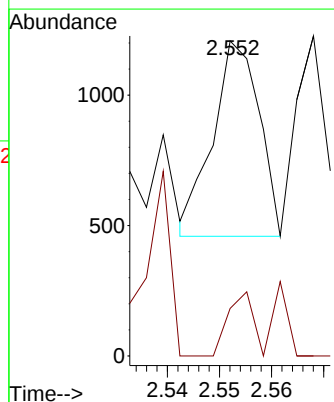
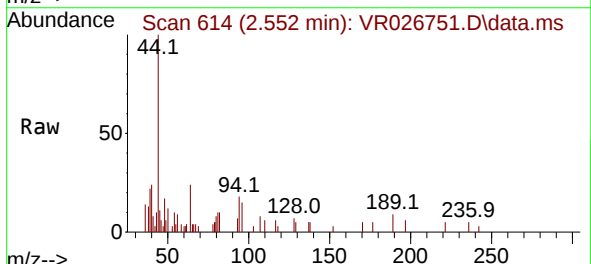
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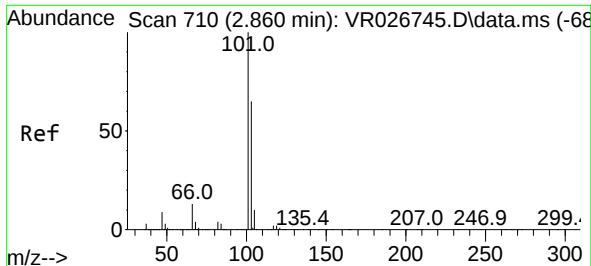
Tgt Ion: 94 Resp: 887
Ion Ratio Lower Upper
94 100
96 67.8 73.8 110.6#



#6
Chloroethane
Concen: 0.030 ug/l
RT: 2.552 min Scan# 614
Delta R.T. -0.006 min
Lab File: VR026751.D
Acq: 21 Aug 2025 11:04

Tgt Ion: 64 Resp: 464
Ion Ratio Lower Upper
64 100
66 24.3 26.6 40.0#

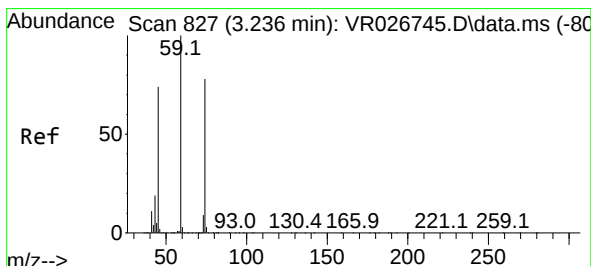
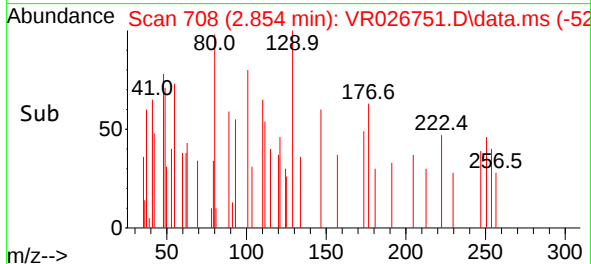
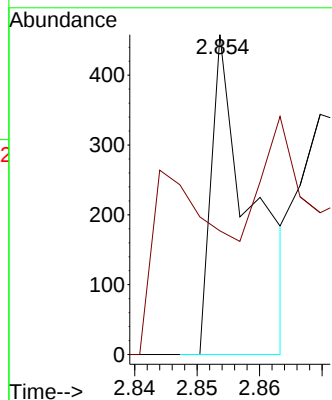
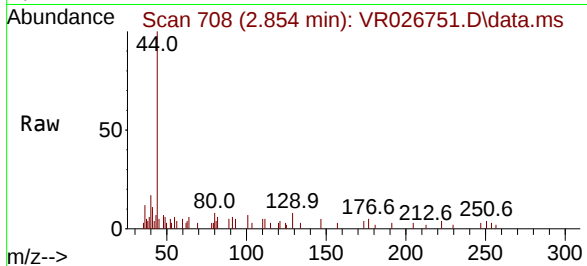




#7
 Trichlorofluoromethane
 Concen: 0.004 ug/l
 RT: 2.854 min Scan# 708
 Delta R.T. -0.006 min
 Lab File: VR026751.D
 Acq: 21 Aug 2025 11:04

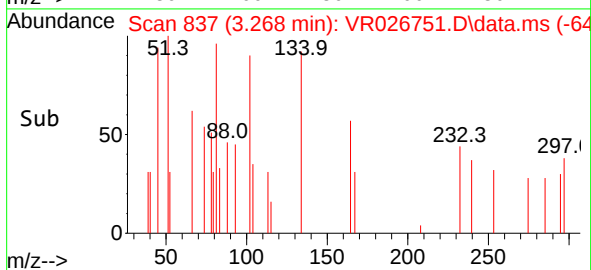
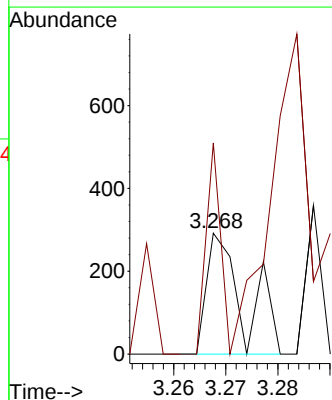
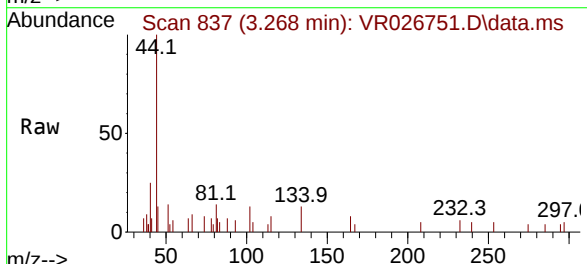
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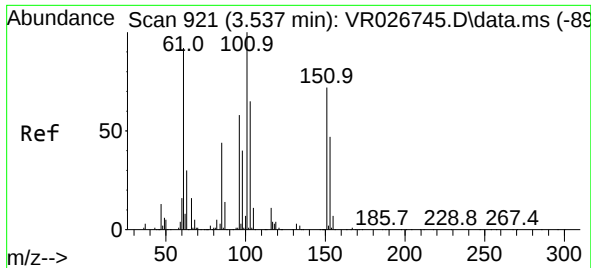
Tgt Ion:101 Resp: 205
 Ion Ratio Lower Upper
 101 100
 103 0.0 51.8 77.8#



#8
 Diethyl Ether
 Concen: 0.009 ug/l
 RT: 3.268 min Scan# 837
 Delta R.T. 0.032 min
 Lab File: VR026751.D
 Acq: 21 Aug 2025 11:04

Tgt Ion: 74 Resp: 144
 Ion Ratio Lower Upper
 74 100
 45 68.1 47.5 142.6

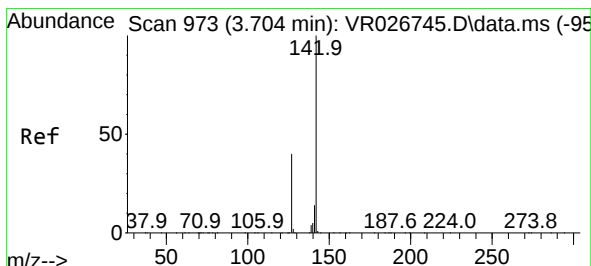
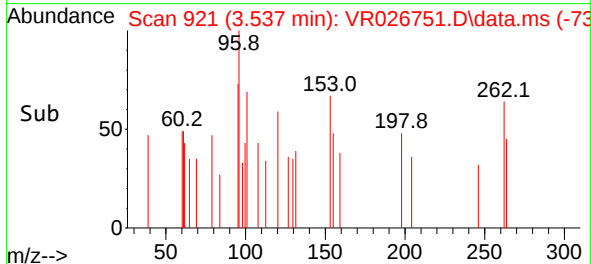
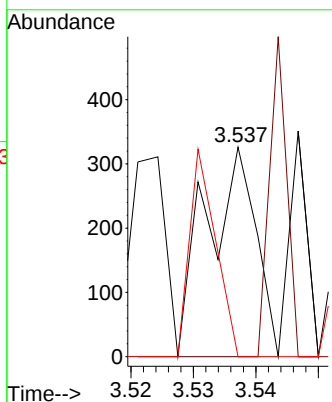
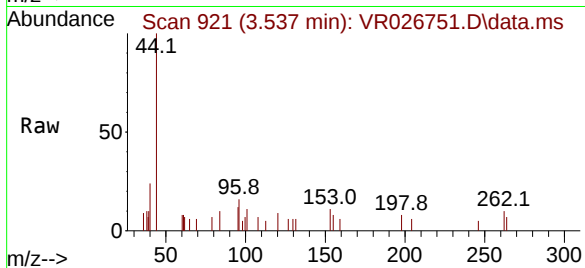




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.009 ug/l
RT: 3.537 min Scan# 91
Delta R.T. 0.000 min
Lab File: VR026751.D
Acq: 21 Aug 2025 11:04

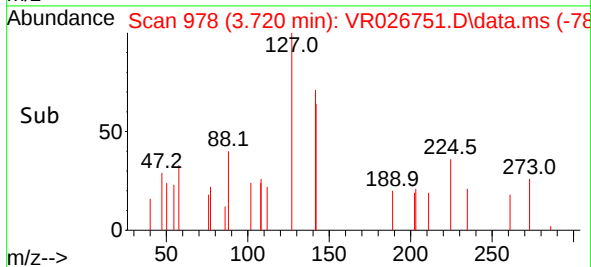
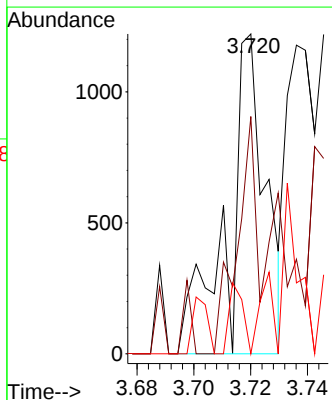
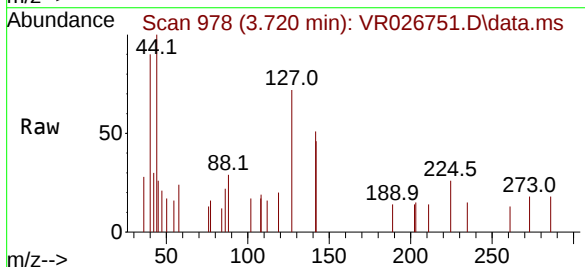
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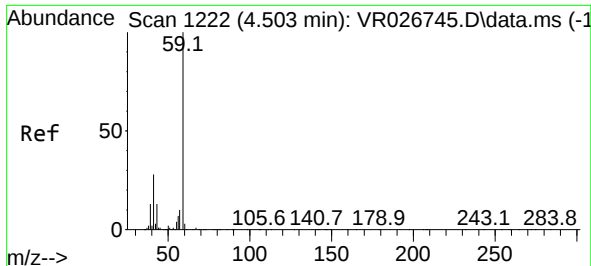
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Ion Ratio Lower Upper
101 100
85 0.0 35.4 53.0#
151 51.7 57.2 85.8#



#10
Methyl Iodide
Concen: 0.050 ug/l
RT: 3.720 min Scan# 978
Delta R.T. 0.016 min
Lab File: VR026751.D
Acq: 21 Aug 2025 11:04

Tgt Ion:142 Resp: 1093
Ion Ratio Lower Upper
142 100
127 46.8 31.0 46.4#
141 8.4 10.9 16.3#

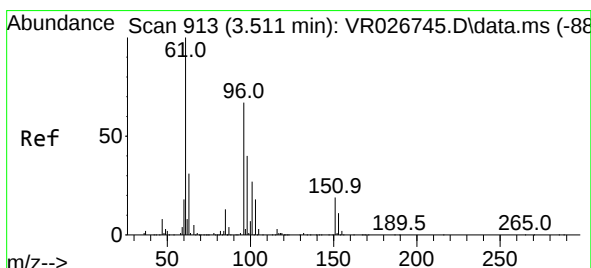
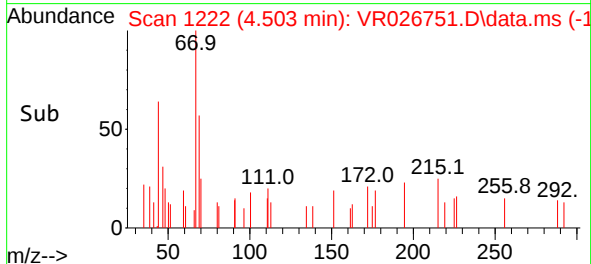
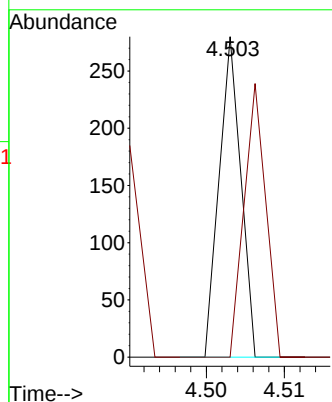
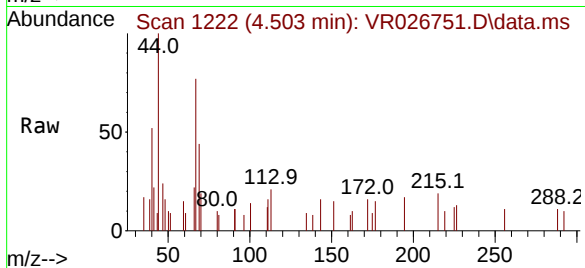




#11
Tert butyl alcohol
Concen: 0.016 ug/l
RT: 4.503 min Scan# 11
Delta R.T. 0.000 min
Lab File: VR026751.D
Acq: 21 Aug 2025 11:04

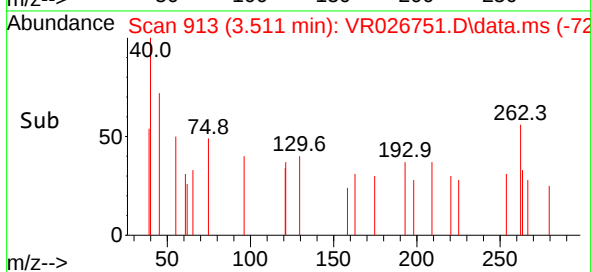
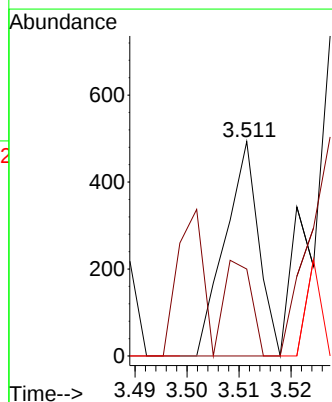
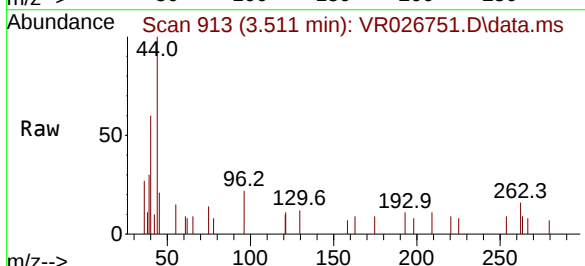
Instrument :
MSVOA_R
ClientSampleId :
VR0821WBL01

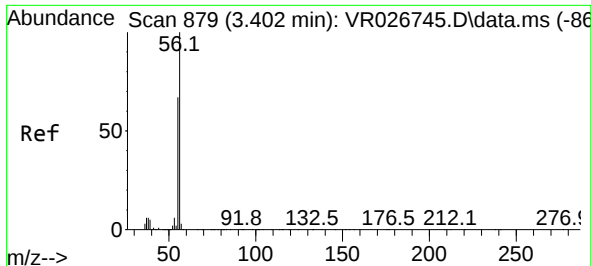
Tgt Ion: 59 Resp: 54
Ion Ratio Lower Upper
59 100
57 85.2 3.8 5.8#



#12
1,1-Dichloroethene
Concen: 0.010 ug/l
RT: 3.511 min Scan# 913
Delta R.T. 0.000 min
Lab File: VR026751.D
Acq: 21 Aug 2025 11:04

Tgt Ion: 96 Resp: 222
Ion Ratio Lower Upper
96 100
61 40.6 118.7 178.1#
98 0.0 47.7 71.5#

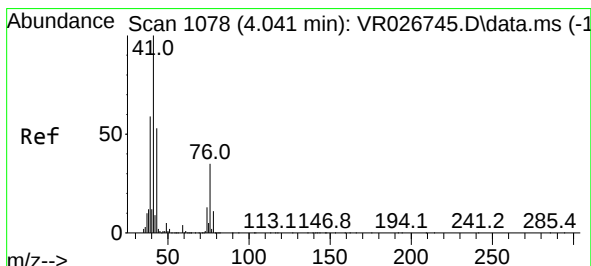
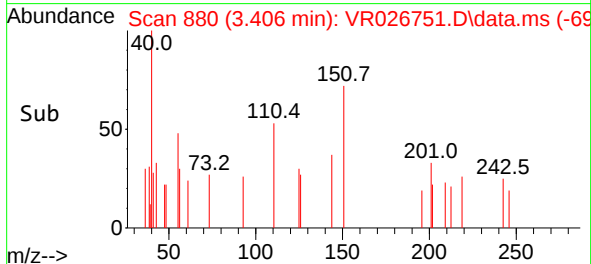
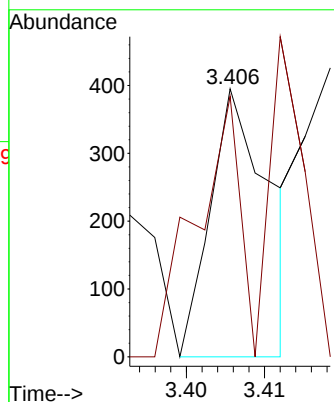
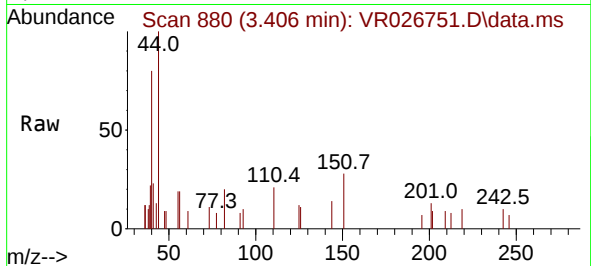




#13
Acrolein
Concen: 0.091 ug/l
RT: 3.406 min Scan# 81
Delta R.T. 0.004 min
Lab File: VR026751.D
Acq: 21 Aug 2025 11:04

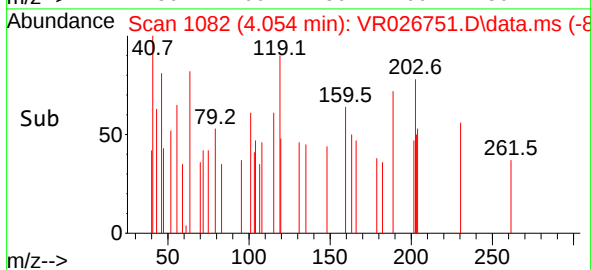
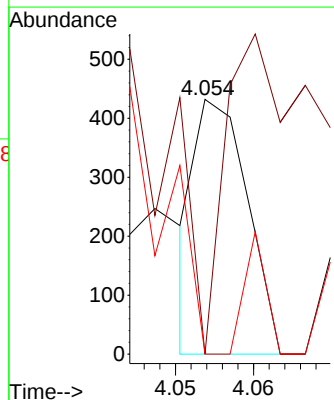
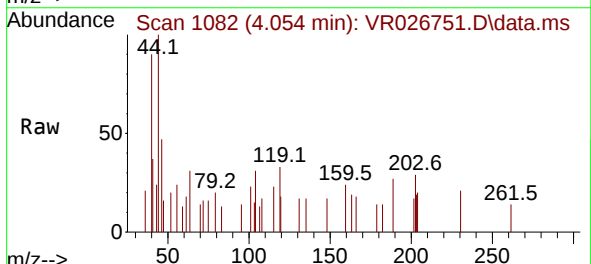
Instrument :
MSVOA_R
ClientSampleId :
VR0821WBL01

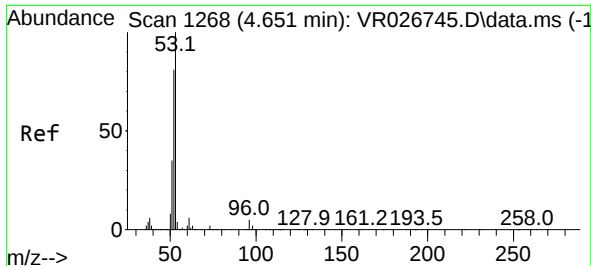
Tgt Ion: 56 Resp: 208
Ion Ratio Lower Upper
56 100
55 72.1 56.9 85.3



#14
Allyl chloride
Concen: 0.005 ug/l
RT: 4.054 min Scan# 1082
Delta R.T. 0.013 min
Lab File: VR026751.D
Acq: 21 Aug 2025 11:04

Tgt Ion: 41 Resp: 200
Ion Ratio Lower Upper
41 100
39 114.5 45.8 68.6#
76 107.5 26.4 39.6#

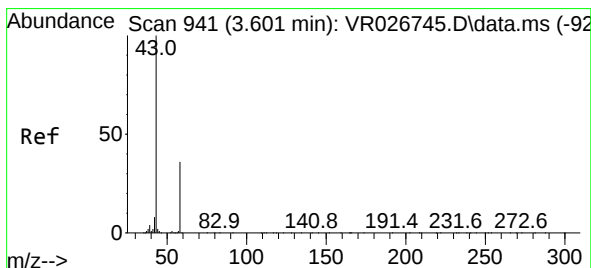
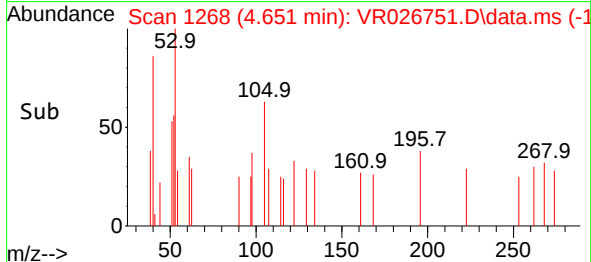
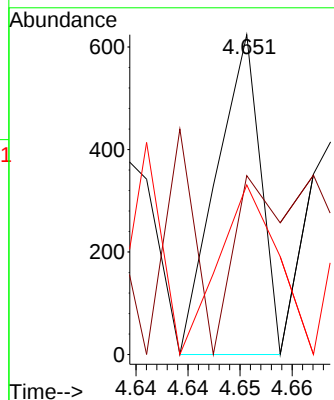
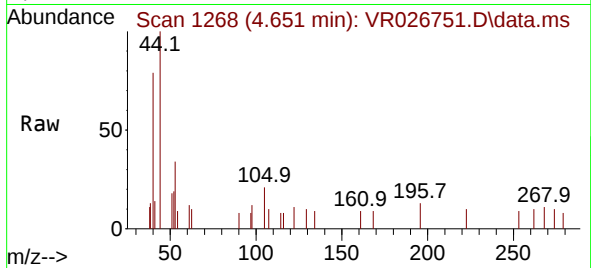




#15
Acrylonitrile
Concen: 0.013 ug/l
RT: 4.651 min Scan# 11
Delta R.T. -0.000 min
Lab File: VR026751.D
Acq: 21 Aug 2025 11:04

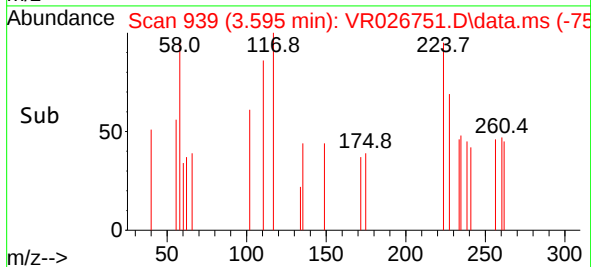
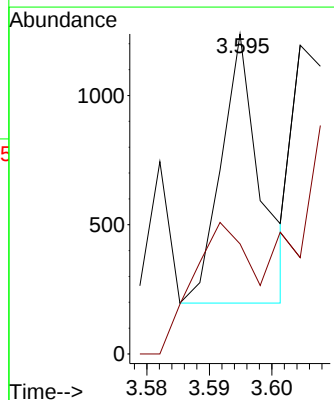
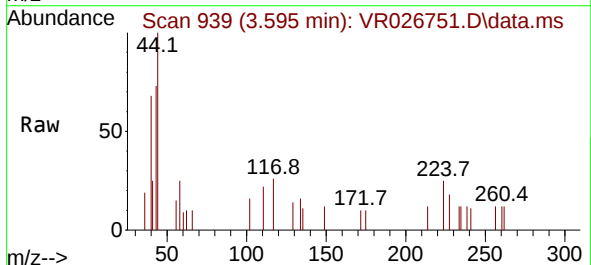
Instrument :
MSVOA_R
ClientSampleId :
VR0821WBL01

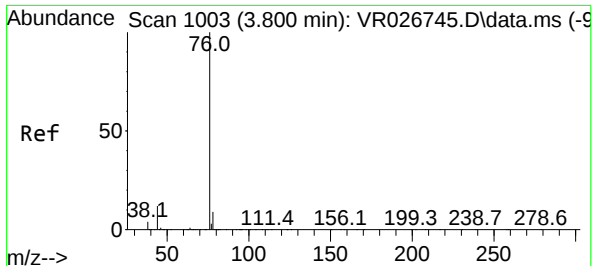
Tgt Ion:	53	Resp:	184
Ion	Ratio	Lower	Upper
53	100		
52	141.8	65.7	98.5#
51	71.2	28.4	42.6#



#16
Acetone
Concen: 0.039 ug/l
RT: 3.595 min Scan# 939
Delta R.T. -0.006 min
Lab File: VR026751.D
Acq: 21 Aug 2025 11:04

Tgt Ion:	43	Resp:	450
Ion	Ratio	Lower	Upper
43	100		
58	22.5	28.6	43.0#

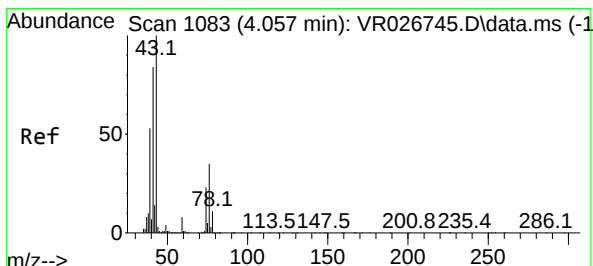
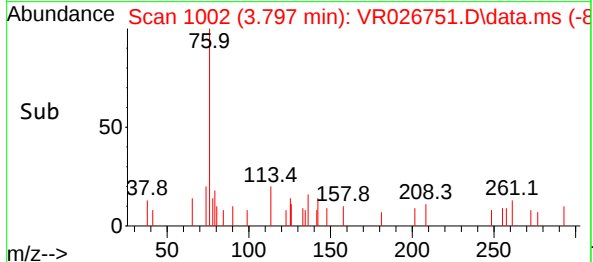
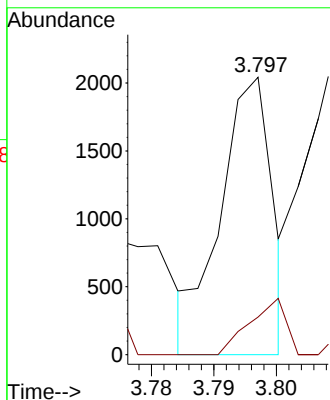
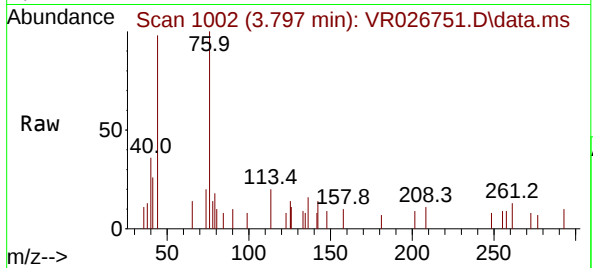




#17
Carbon Disulfide
Concen: 0.022 ug/l
RT: 3.797 min Scan# 1002
Delta R.T. -0.003 min
Lab File: VR026751.D
Acq: 21 Aug 2025 11:04

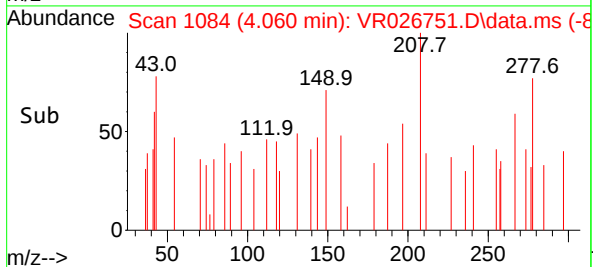
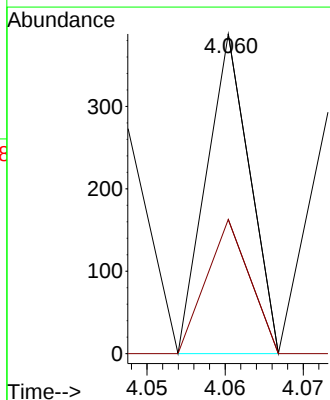
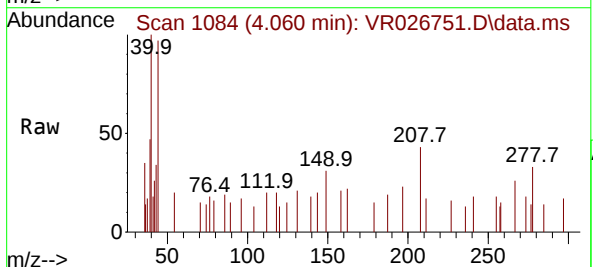
Instrument :
MSVOA_R
ClientSampleId :
VR0821WBL01

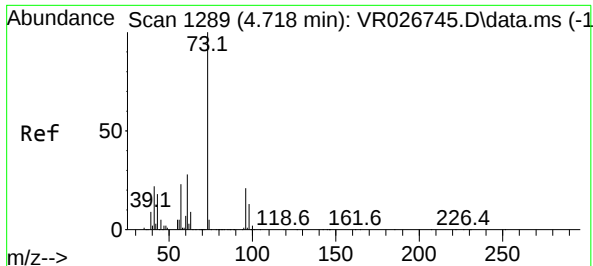
Tgt Ion: 76 Resp: 1181
Ion Ratio Lower Upper
76 100
78 17.6 7.0 10.6#



#18
Methyl Acetate
Concen: 0.002 ug/l
RT: 4.060 min Scan# 1084
Delta R.T. 0.003 min
Lab File: VR026751.D
Acq: 21 Aug 2025 11:04

Tgt Ion: 43 Resp: 75
Ion Ratio Lower Upper
43 100
74 41.3 19.1 28.7#





#19

Methyl tert-butyl Ether

Concen: 0.001 ug/l

RT: 4.728 min Scan# 11

Delta R.T. 0.010 min

Lab File: VR026751.D

Acq: 21 Aug 2025 11:04

Instrument :

MSVOA_R

ClientSampleId :

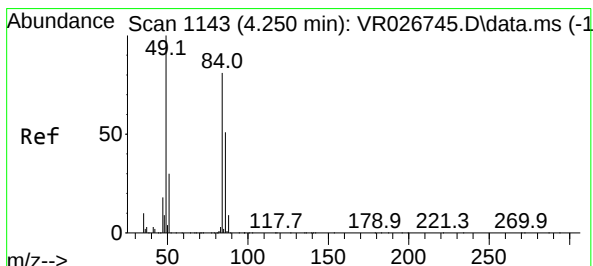
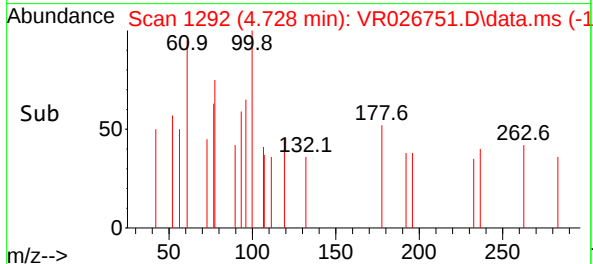
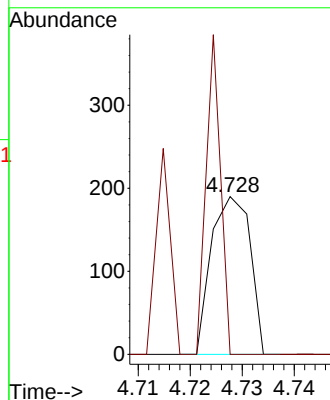
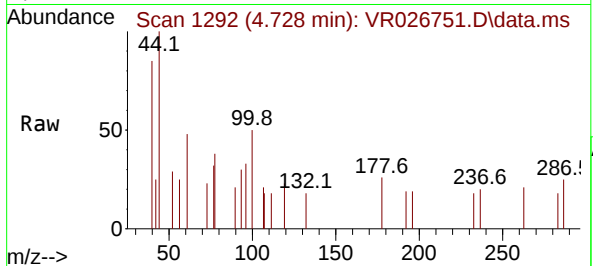
VR0821WBL01

Tgt Ion: 73 Resp: 98

Ion Ratio Lower Upper

73 100

57 0.0 18.2 27.2#



#20

Methylene Chloride

Concen: 0.106 ug/l

RT: 4.243 min Scan# 1141

Delta R.T. -0.006 min

Lab File: VR026751.D

Acq: 21 Aug 2025 11:04

Tgt Ion: 84 Resp: 2587

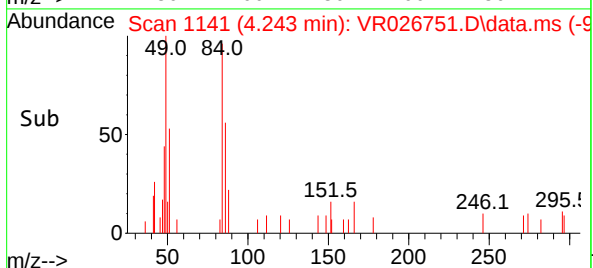
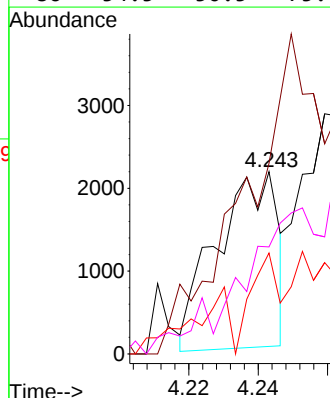
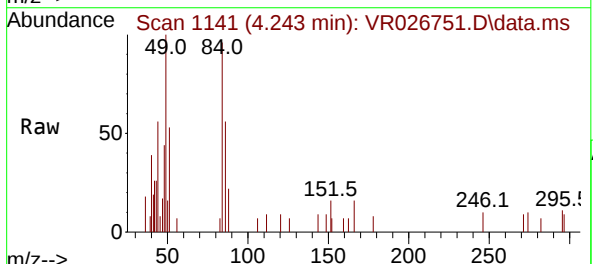
Ion Ratio Lower Upper

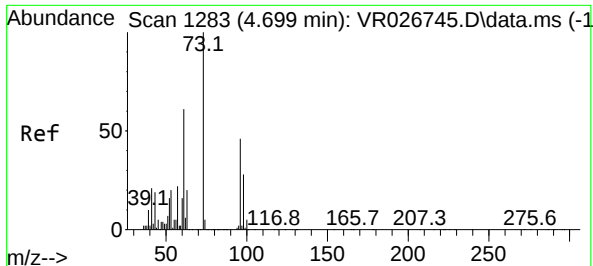
84 100

49 73.9 98.8 148.2#

51 46.5 29.4 44.2#

86 54.5 50.5 75.7

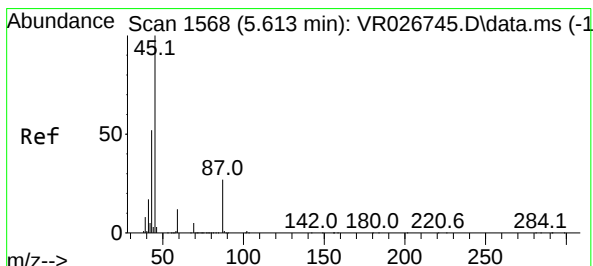
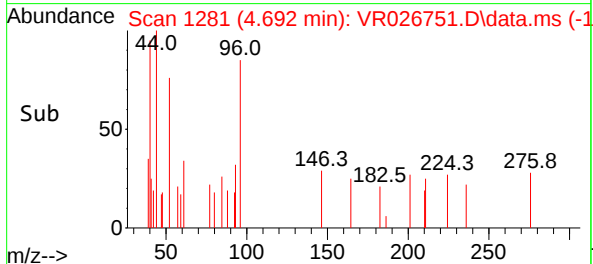
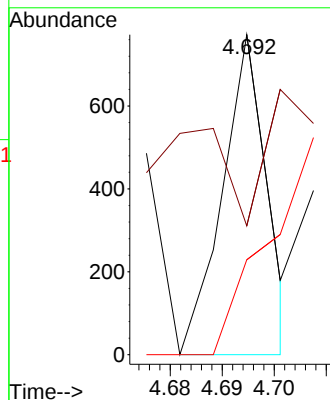
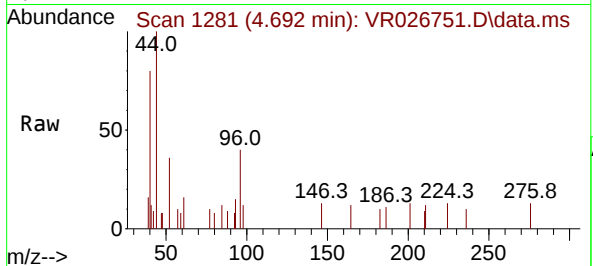




#21
trans-1,2-Dichloroethene
Concen: 0.010 ug/l
RT: 4.692 min Scan# 1281
Delta R.T. -0.006 min
Lab File: VR026751.D
Acq: 21 Aug 2025 11:04

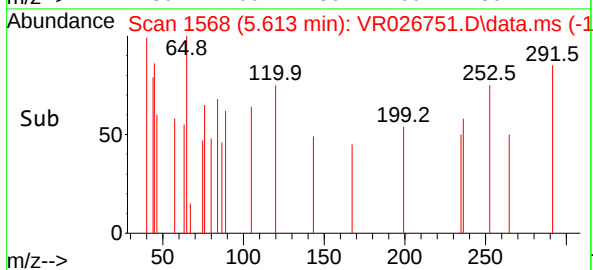
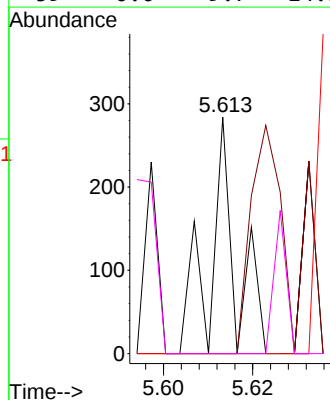
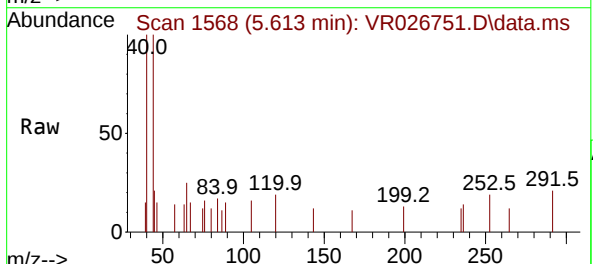
Instrument :
MSVOA_R
ClientSampleId :
VR0821WBL01

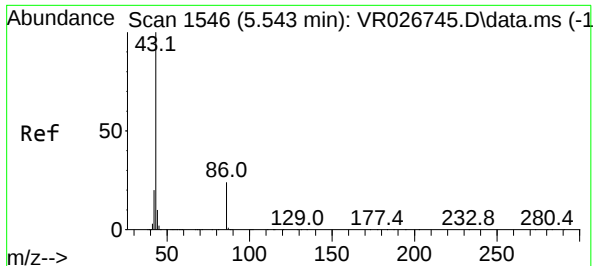
Tgt Ion: 96 Resp: 232
Ion Ratio Lower Upper
96 100
61 0.0 107.1 160.7#
98 29.7 49.7 74.5#



#22
Diisopropyl ether
Concen: 0.001 ug/l
RT: 5.613 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VR026751.D
Acq: 21 Aug 2025 11:04

Tgt Ion: 45 Resp: 115
Ion Ratio Lower Upper
45 100
43 0.0 41.8 62.8#
87 0.0 21.7 32.5#
59 0.0 9.7 14.5#





#23

Vinyl Acetate

Concen: 0.004 ug/l

RT: 5.536 min Scan# 1544

Delta R.T. -0.007 min

Lab File: VR026751.D

Acq: 21 Aug 2025 11:04

Instrument :

MSVOA_R

ClientSampleId :

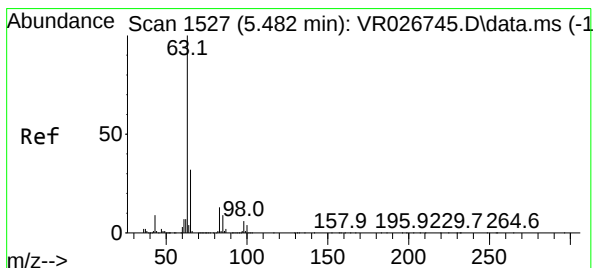
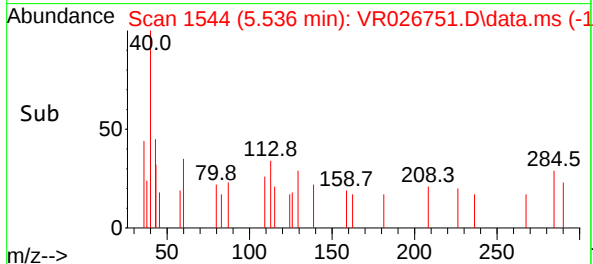
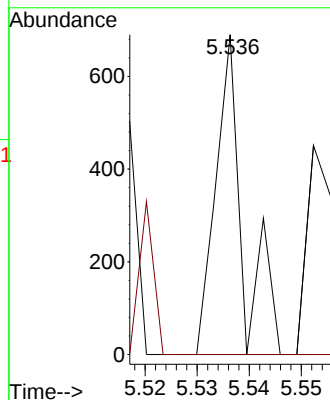
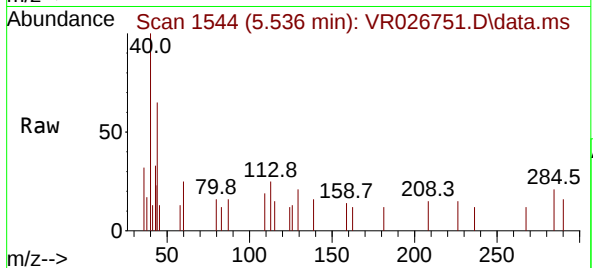
VR0821WBL01

Tgt Ion: 43 Resp: 250

Ion Ratio Lower Upper

43 100

86 0.0 18.9 28.3#



#24

1,1-Dichloroethane

Concen: 0.002 ug/l

RT: 5.479 min Scan# 1526

Delta R.T. -0.003 min

Lab File: VR026751.D

Acq: 21 Aug 2025 11:04

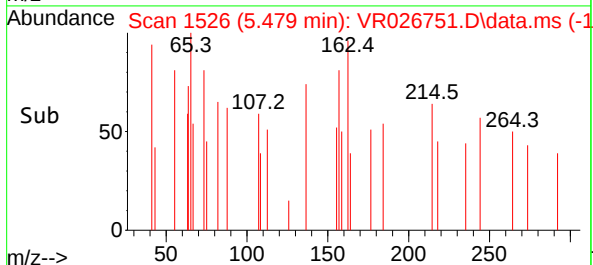
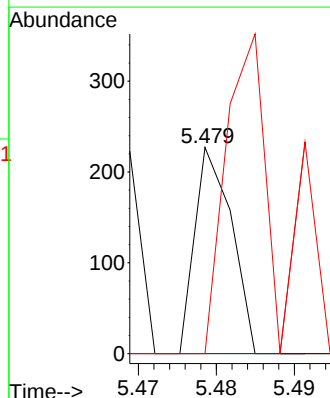
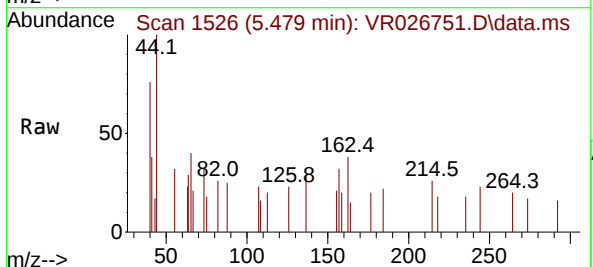
Tgt Ion: 63 Resp: 74

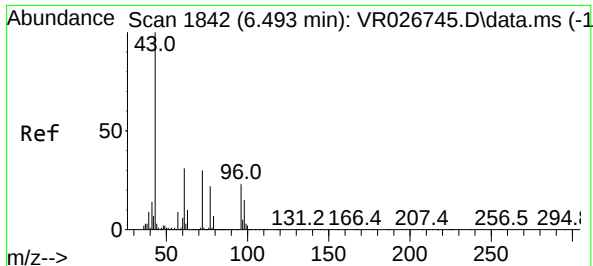
Ion Ratio Lower Upper

63 100

98 0.0 3.1 9.3#

100 0.0 2.1 6.2#





#25

2-Butanone

Concen: 0.018 ug/l

RT: 6.496 min Scan# 11

Delta R.T. 0.003 min

Lab File: VR026751.D

Acq: 21 Aug 2025 11:04

Instrument :

MSVOA_R

ClientSampleId :

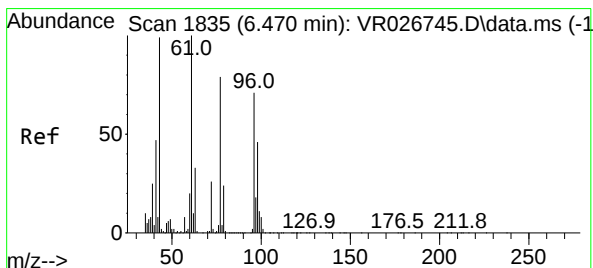
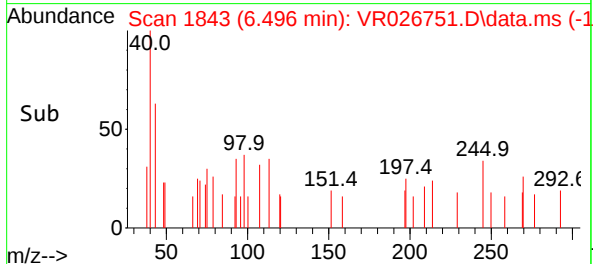
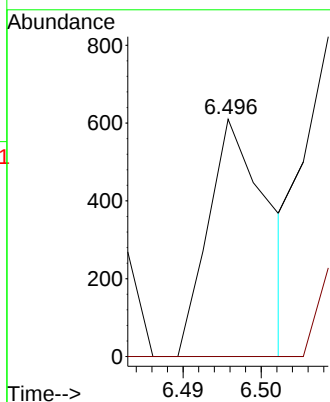
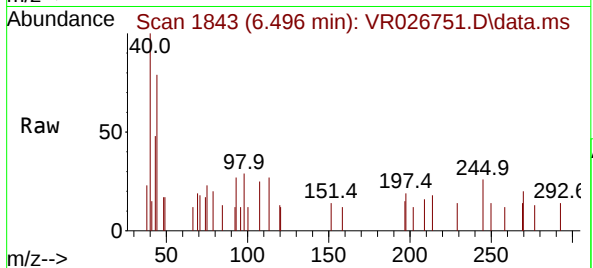
VR0821WBL01

Tgt Ion: 43 Resp: 326

Ion Ratio Lower Upper

43 100

72 0.0 23.8 35.8#



#26

2,2-Dichloropropane

Concen: 0.004 ug/l

RT: 5.992 min Scan# 1686

Delta R.T. -0.478 min

Lab File: VR026751.D

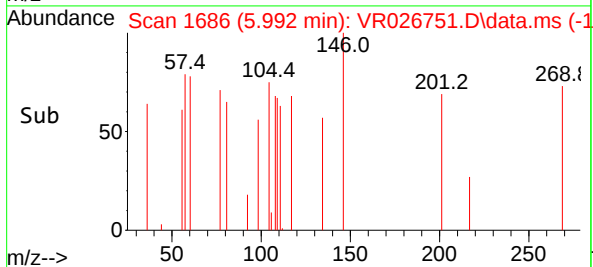
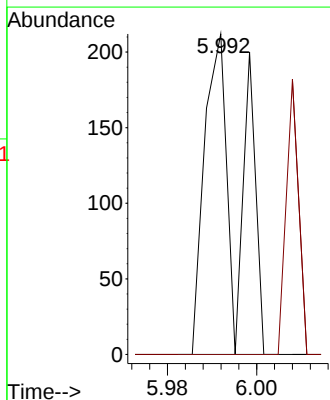
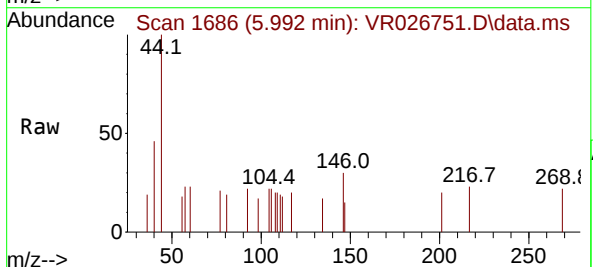
Acq: 21 Aug 2025 11:04

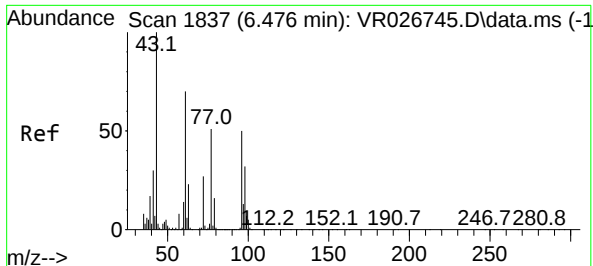
Tgt Ion: 77 Resp: 111

Ion Ratio Lower Upper

77 100

97 31.5 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 0.002 ug/l

RT: 6.444 min Scan# 11

Delta R.T. -0.032 min

Lab File: VR026751.D

Acq: 21 Aug 2025 11:04

Instrument :

MSVOA_R

ClientSampleId :

VR0821WBL01

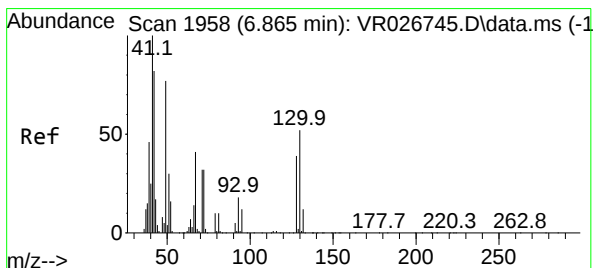
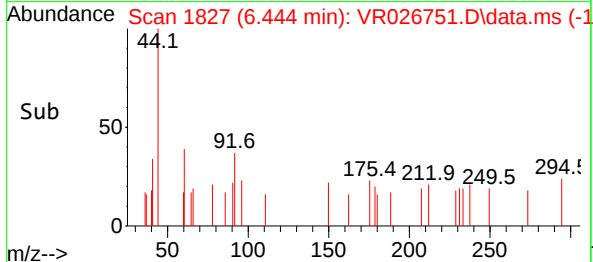
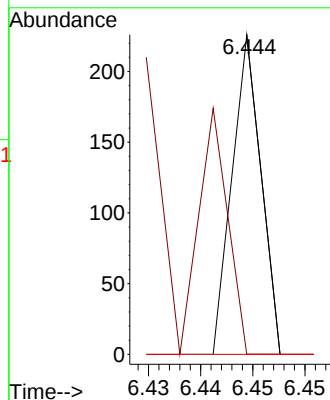
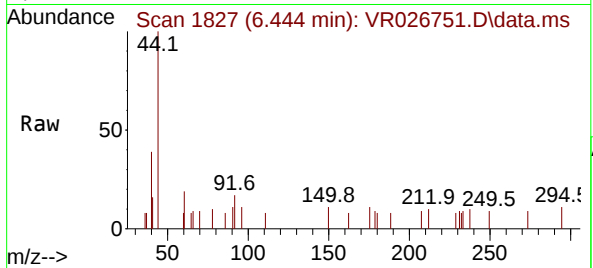
Tgt Ion: 96 Resp: 43

Ion Ratio Lower Upper

96 100

61 172.1 0.0 280.6

98 109.3 0.0 127.6



#28

Bromochloromethane

Concen: 0.017 ug/l

RT: 6.836 min Scan# 1949

Delta R.T. -0.029 min

Lab File: VR026751.D

Acq: 21 Aug 2025 11:04

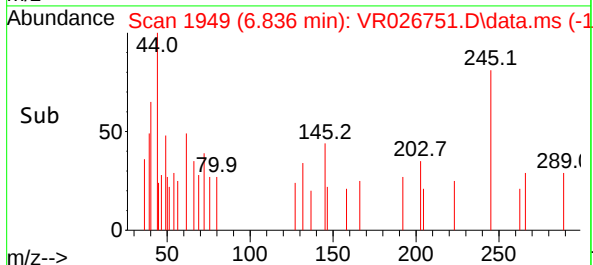
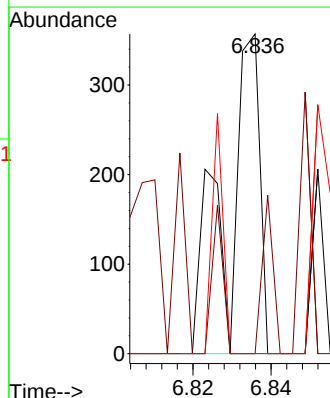
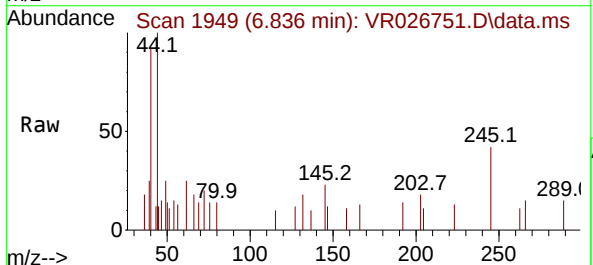
Tgt Ion: 49 Resp: 210

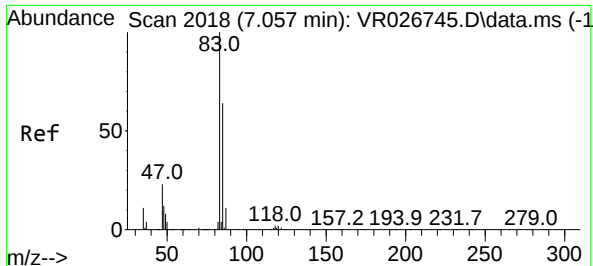
Ion Ratio Lower Upper

49 100

129 0.0 0.0 1.6

130 0.0 53.4 80.2#





#29

Chloroform

Concen: 0.002 ug/l

RT: 7.256 min Scan# 2080

Delta R.T. 0.199 min

Lab File: VR026751.D

Acq: 21 Aug 2025 11:04

Instrument :

MSVOA_R

ClientSampleId :

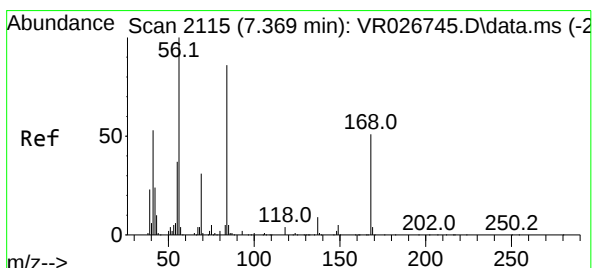
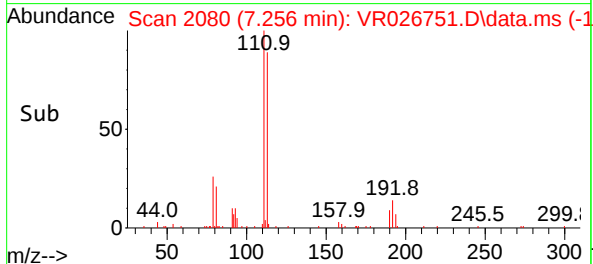
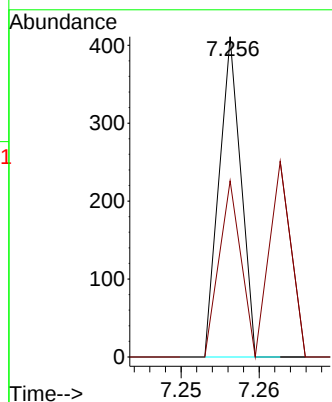
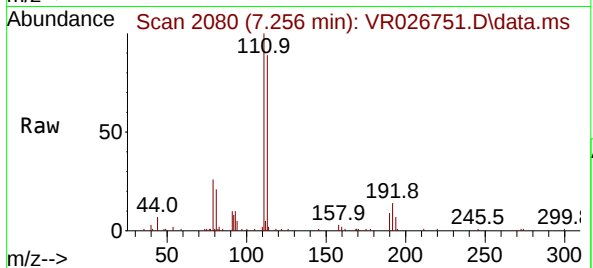
VR0821WBL01

Tgt Ion: 83 Resp: 79

Ion Ratio Lower Upper

83 100

85 55.0 51.5 77.3



#30

Cyclohexane

Concen: 0.887 ug/l

RT: 7.381 min Scan# 2119

Delta R.T. 0.013 min

Lab File: VR026751.D

Acq: 21 Aug 2025 11:04

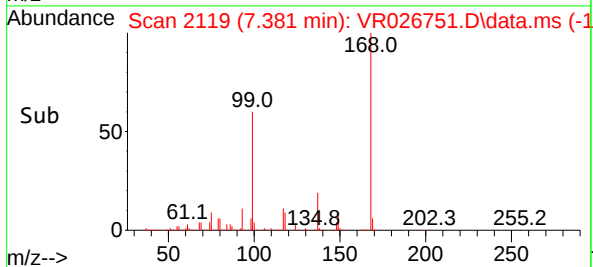
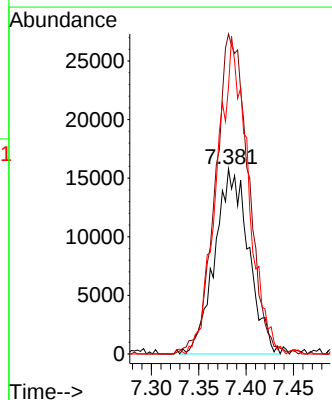
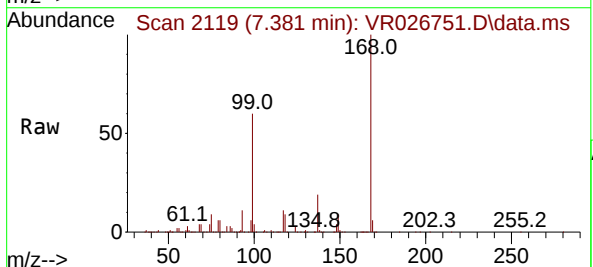
Tgt Ion: 56 Resp: 39252

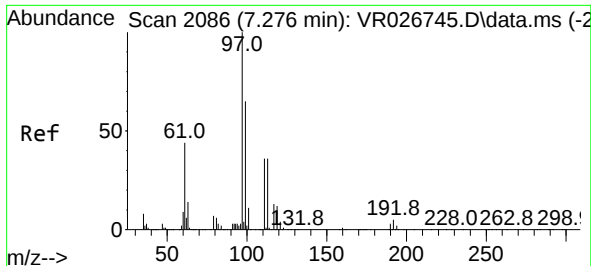
Ion Ratio Lower Upper

56 100

69 171.2 24.6 37.0#

84 141.8 68.7 103.1#





#31

1,1,1-Trichloroethane

Concen: 0.009 ug/l

RT: 7.269 min Scan# 2086

Delta R.T. -0.006 min

Lab File: VR026751.D

Acq: 21 Aug 2025 11:04

Instrument :

MSVOA_R

ClientSampleId :

VR0821WBL01

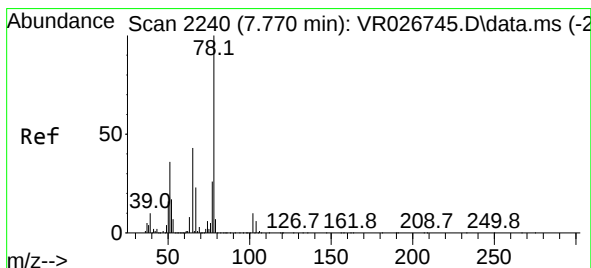
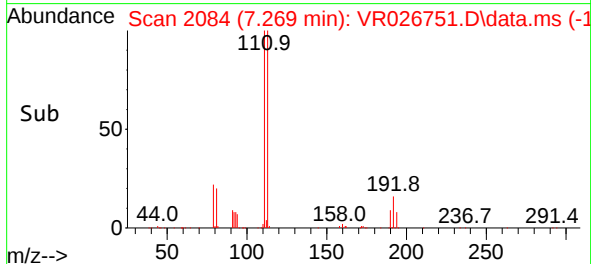
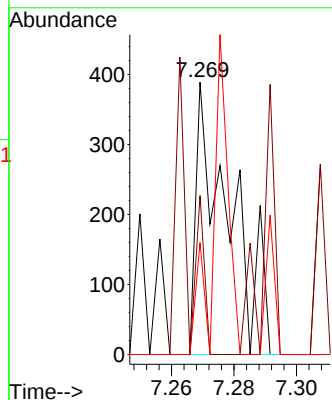
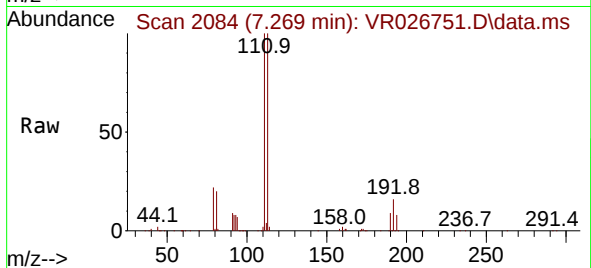
Tgt Ion: 97 Resp: 285

Ion Ratio Lower Upper

97 100

99 0.0 51.0 76.4#

61 0.0 35.0 52.4#



#32

1,2-Dichloroethane-d4

Concen: 46.903 ug/l

RT: 7.770 min Scan# 2240

Delta R.T. 0.000 min

Lab File: VR026751.D

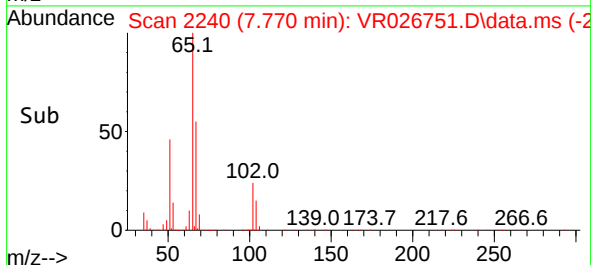
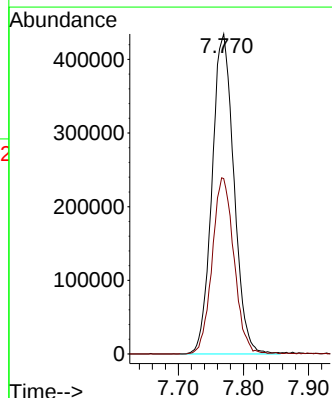
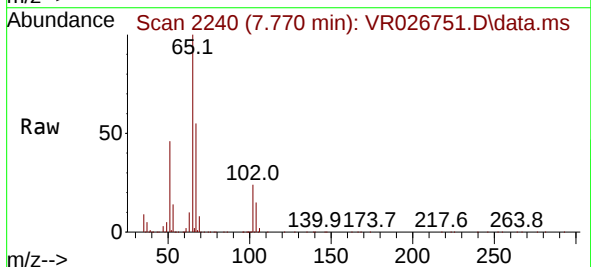
Acq: 21 Aug 2025 11:04

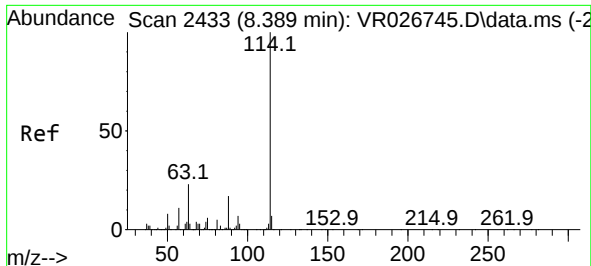
Tgt Ion: 65 Resp: 1013116

Ion Ratio Lower Upper

65 100

67 54.8 0.0 111.4





#33

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.389 min Scan# 2433

Delta R.T. 0.000 min

Lab File: VR026751.D

Acq: 21 Aug 2025 11:04

Instrument :

MSVOA_R

ClientSampleId :

VR0821WBL01

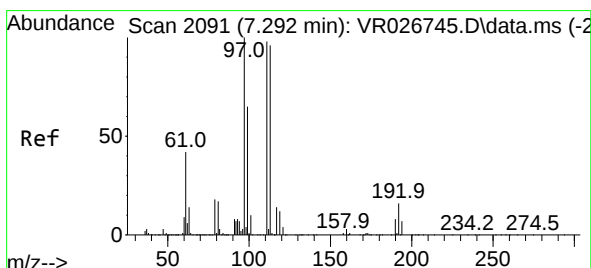
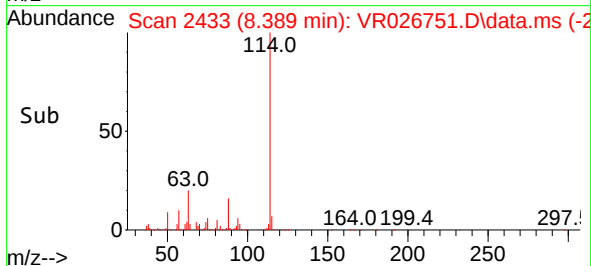
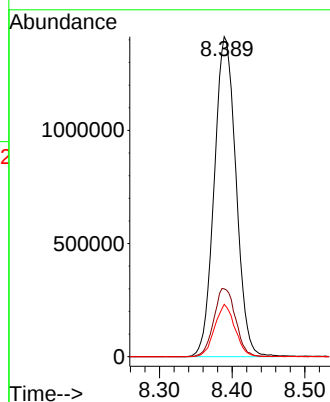
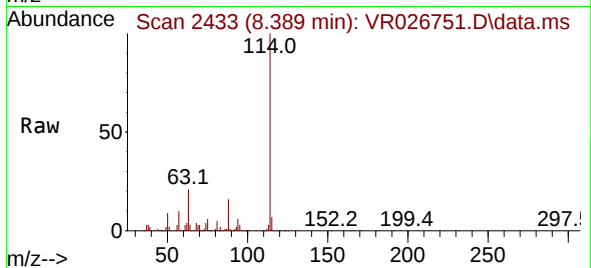
Tgt Ion:114 Resp: 2941265

Ion Ratio Lower Upper

114 100

63 21.2 0.0 45.8

88 16.4 0.0 34.8



#34

Dibromofluoromethane

Concen: 43.861 ug/l

RT: 7.292 min Scan# 2091

Delta R.T. 0.000 min

Lab File: VR026751.D

Acq: 21 Aug 2025 11:04

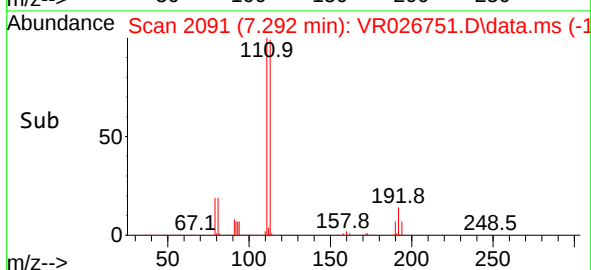
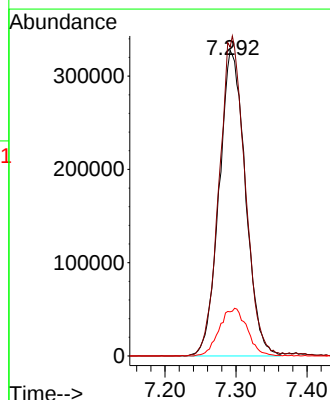
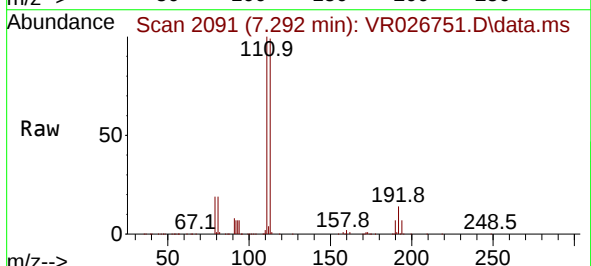
Tgt Ion:113 Resp: 841407

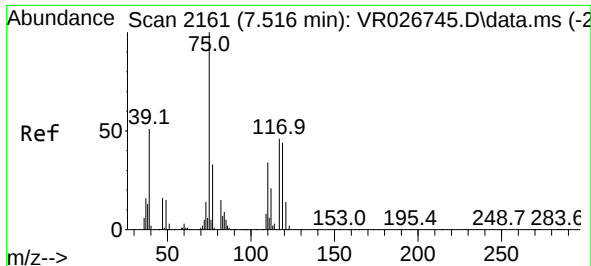
Ion Ratio Lower Upper

113 100

111 103.6 82.8 124.2

192 16.5 12.9 19.3

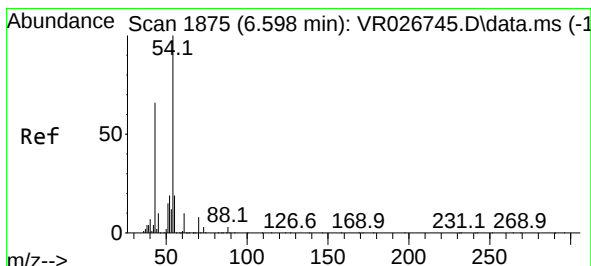
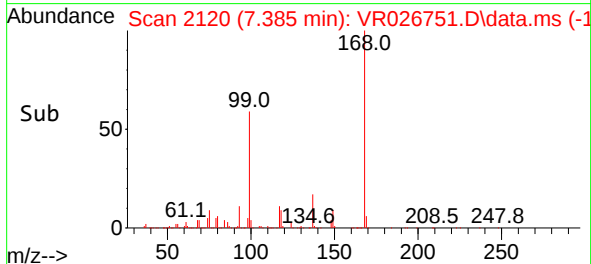
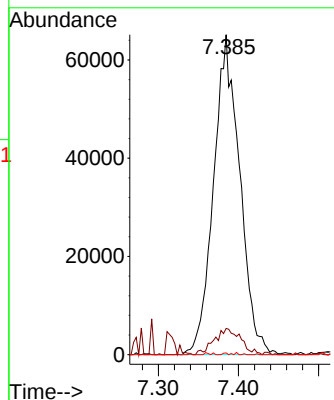
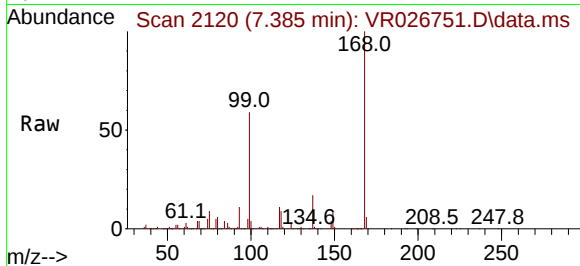




#35
 1,1-Dichloropropene
 Concen: 4.950 ug/l
 RT: 7.385 min Scan# 2161
 Delta R.T. -0.132 min
 Lab File: VR026751.D
 Acq: 21 Aug 2025 11:04

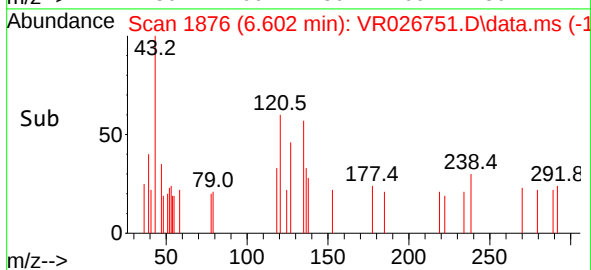
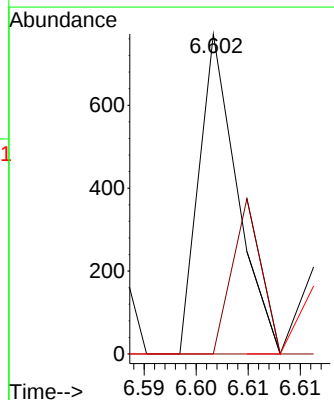
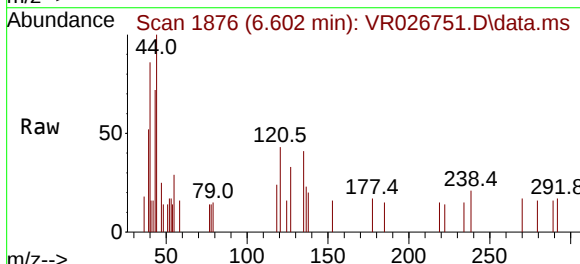
Instrument :
 MSVOA_R
 ClientSampleId :
 VR0821WBL01

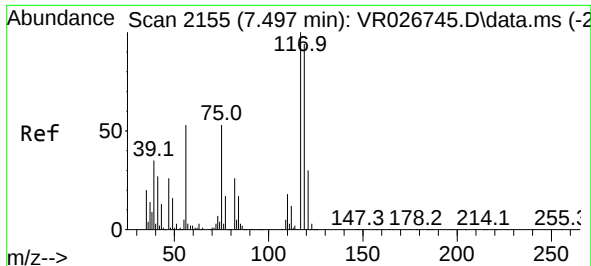
Tgt Ion: 75 Resp: 147881
 Ion Ratio Lower Upper
 75 100
 110 8.0 17.3 52.0#
 77 0.1 25.1 37.7#



#36
 Ethyl Acetate
 Concen: 0.005 ug/l
 RT: 6.602 min Scan# 1876
 Delta R.T. 0.003 min
 Lab File: VR026751.D
 Acq: 21 Aug 2025 11:04

Tgt Ion: 43 Resp: 196
 Ion Ratio Lower Upper
 43 100
 61 36.7 11.4 17.2#
 70 0.0 8.4 12.6#

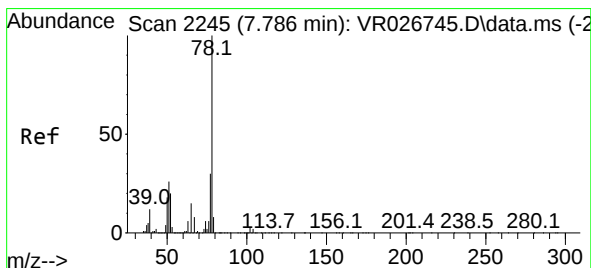
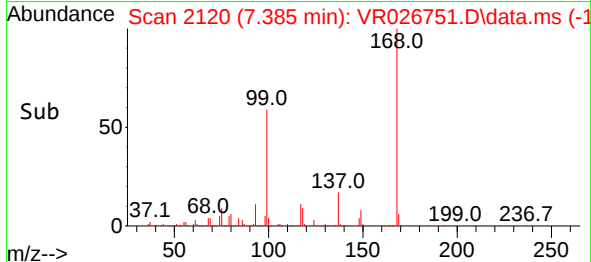
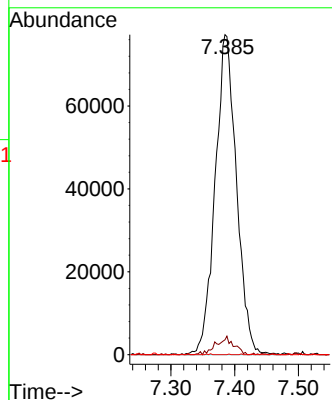
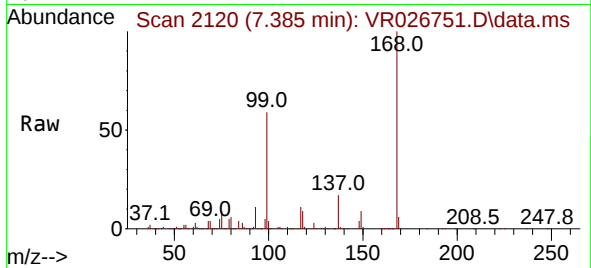




#37
Carbon Tetrachloride
Concen: 6.674 ug/l
RT: 7.385 min Scan# 2155
Delta R.T. -0.112 min
Lab File: VR026751.D
Acq: 21 Aug 2025 11:04

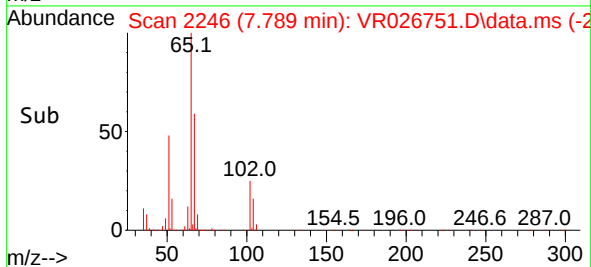
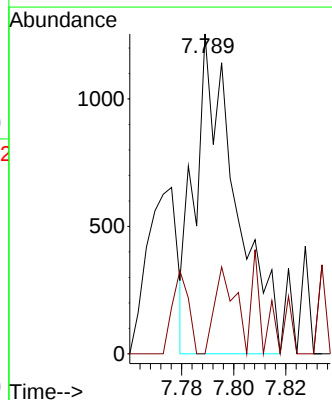
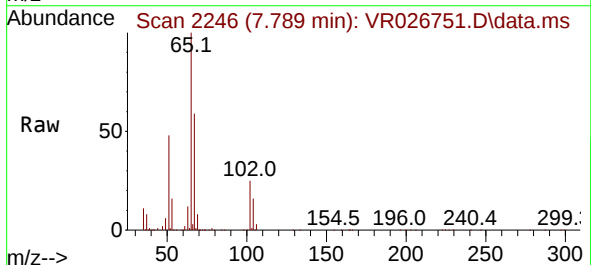
Instrument :
MSVOA_R
ClientSampleId :
VR0821WBL01

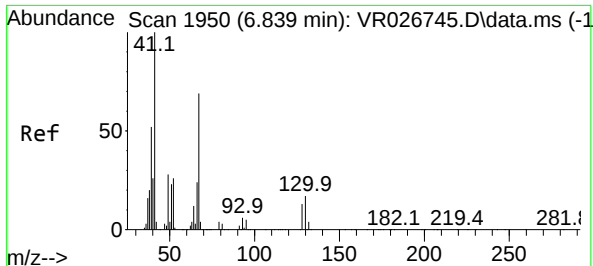
Tgt Ion:117 Resp: 179430
Ion Ratio Lower Upper
117 100
119 4.6 75.1 112.7#
121 0.0 24.2 36.2#



#39
Benzene
Concen: 0.015 ug/l
RT: 7.789 min Scan# 2246
Delta R.T. 0.003 min
Lab File: VR026751.D
Acq: 21 Aug 2025 11:04

Tgt Ion: 78 Resp: 1359
Ion Ratio Lower Upper
78 100
77 0.0 24.3 36.5#





#40

Methacrylonitrile

Concen: 0.010 ug/l

RT: 6.846 min Scan# 1950

Delta R.T. 0.006 min

Lab File: VR026751.D

Acq: 21 Aug 2025 11:04

Instrument :

MSVOA_R

ClientSampleId :

VR0821WBL01

Tgt Ion: 41 Resp: 190

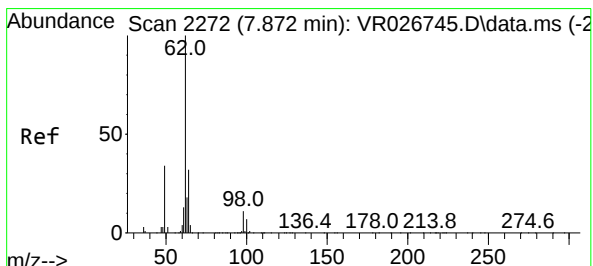
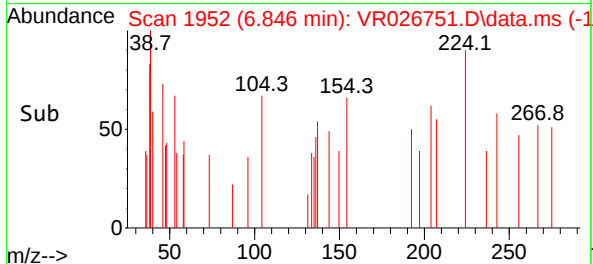
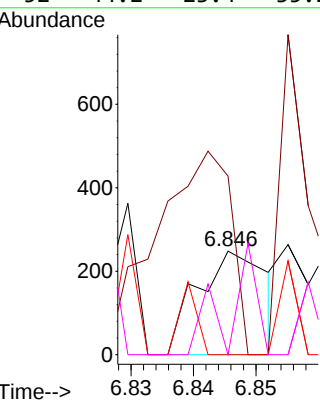
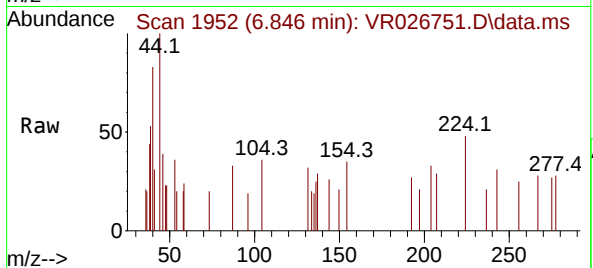
Ion Ratio Lower Upper

41 100

39 215.8 43.0 64.4#

67 0.0 62.6 94.0#

52 44.2 23.4 35.2#



#41

1,2-Dichloroethane

Concen: 0.392 ug/l

RT: 7.391 min Scan# 2122

Delta R.T. -0.481 min

Lab File: VR026751.D

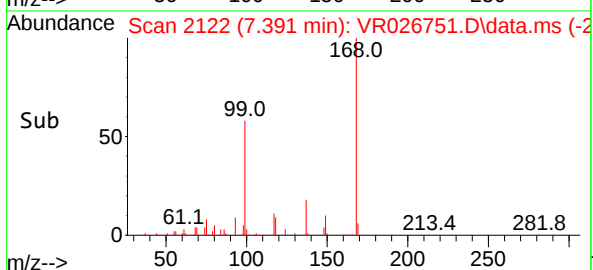
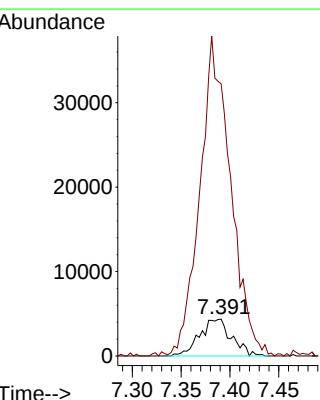
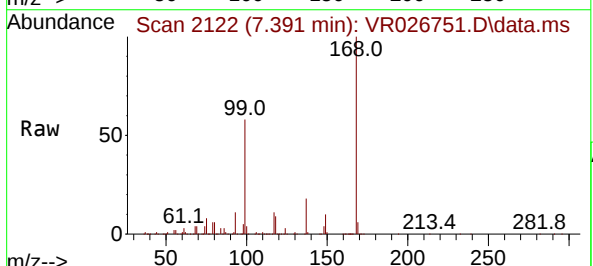
Acq: 21 Aug 2025 11:04

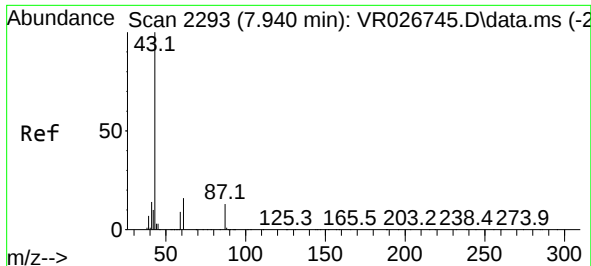
Tgt Ion: 62 Resp: 9960

Ion Ratio Lower Upper

62 100

98 829.4 0.0 21.2#





#42

Isopropyl Acetate

Concen: 0.003 ug/l

RT: 7.946 min Scan# 21

Delta R.T. 0.006 min

Lab File: VR026751.D

Acq: 21 Aug 2025 11:04

Instrument :

MSVOA_R

ClientSampleId :

VR0821WBL01

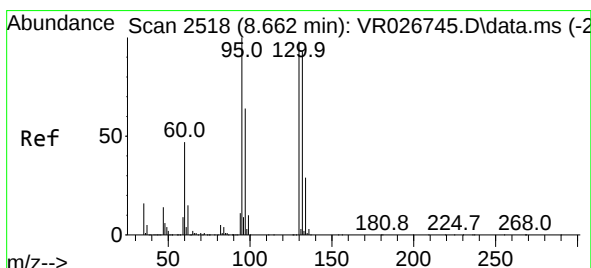
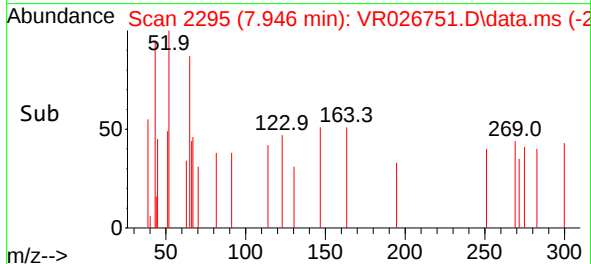
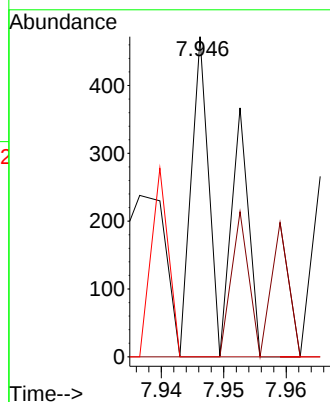
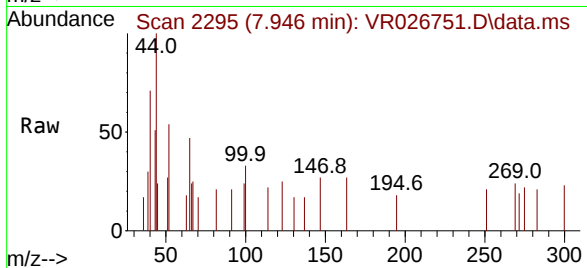
Tgt Ion: 43 Resp: 162

Ion Ratio Lower Upper

43 100

61 0.0 16.8 25.2#

87 0.0 10.2 15.4#



#43

Trichloroethene

Concen: 0.010 ug/l

RT: 8.662 min Scan# 2518

Delta R.T. 0.000 min

Lab File: VR026751.D

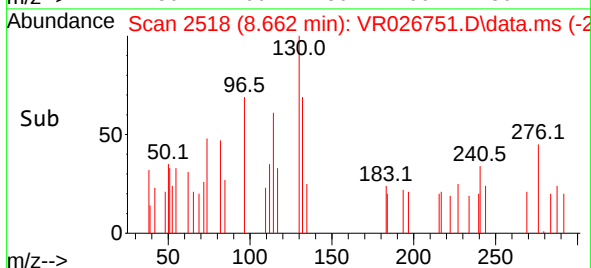
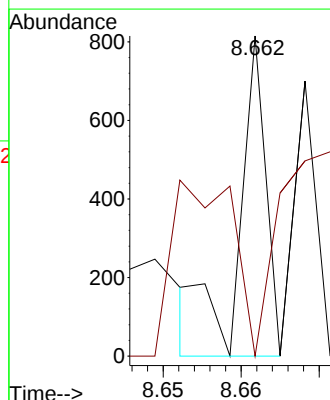
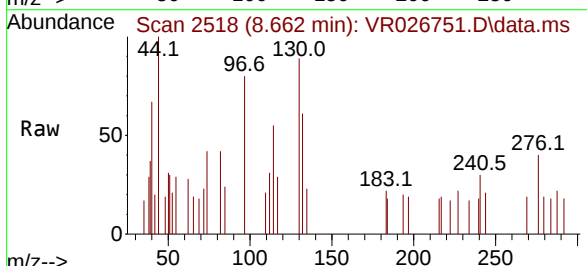
Acq: 21 Aug 2025 11:04

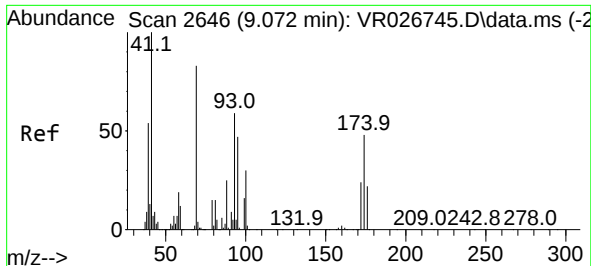
Tgt Ion:130 Resp: 193

Ion Ratio Lower Upper

130 100

95 0.0 0.0 203.4

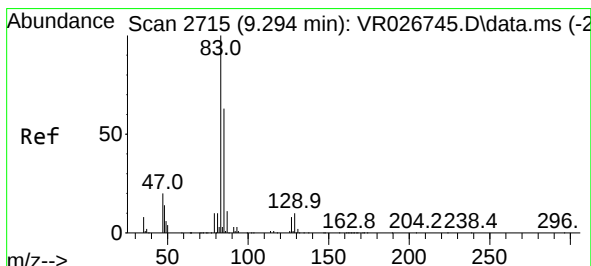
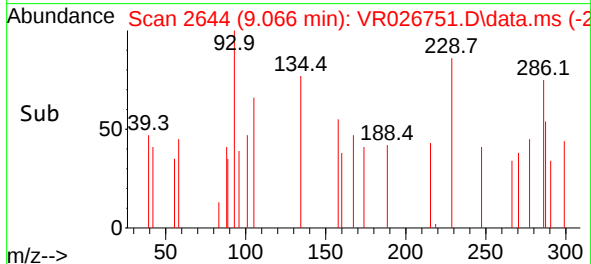
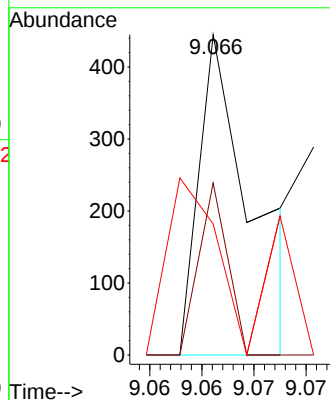
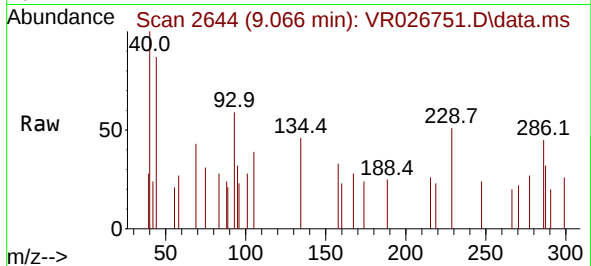




#45
Dibromomethane
Concen: 0.011 ug/l
RT: 9.066 min Scan# 2644
Delta R.T. -0.006 min
Lab File: VR026751.D
Acq: 21 Aug 2025 11:04

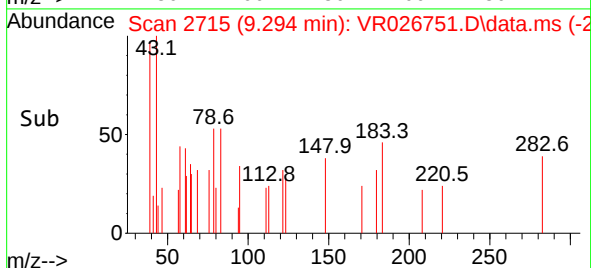
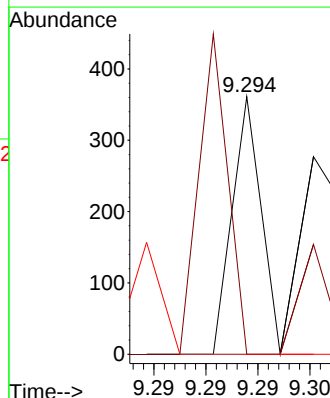
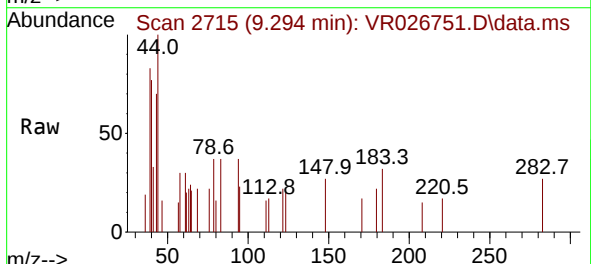
Instrument :
MSVOA_R
ClientSampleId :
VR0821WBL01

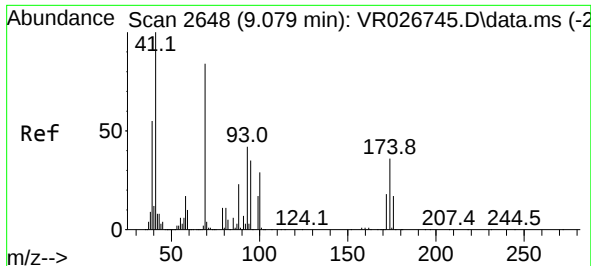
Tgt Ion: 93 Resp: 160
Ion Ratio Lower Upper
93 100
95 28.7 65.4 98.0#
174 75.0 66.5 99.7



#46
Bromodichloromethane
Concen: 0.003 ug/l
RT: 9.294 min Scan# 2715
Delta R.T. 0.000 min
Lab File: VR026751.D
Acq: 21 Aug 2025 11:04

Tgt Ion: 83 Resp: 70
Ion Ratio Lower Upper
83 100
85 0.0 50.8 76.2#
127 0.0 6.0 9.0#

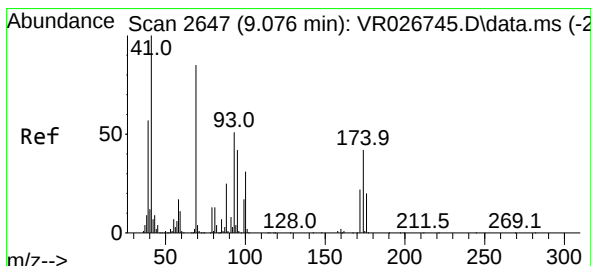
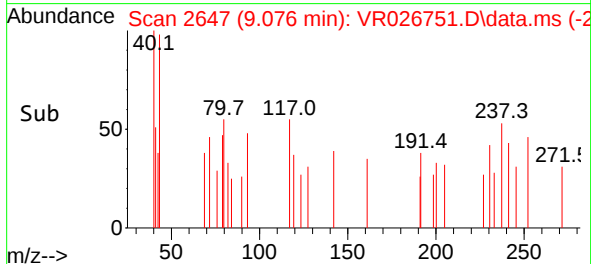
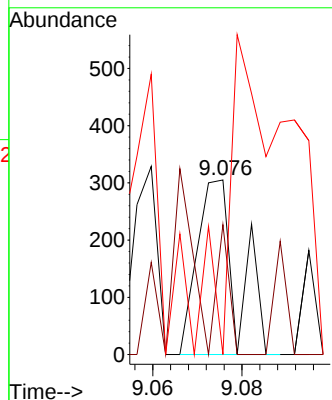
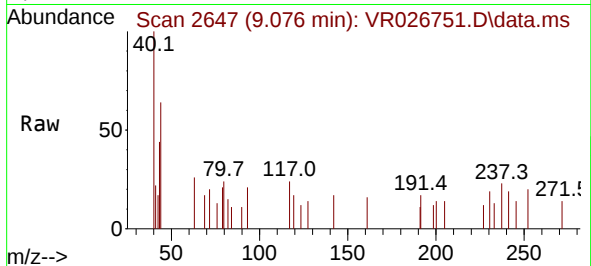




#47
Methyl methacrylate
Concen: 0.007 ug/l
RT: 9.076 min Scan# 2647
Delta R.T. -0.003 min
Lab File: VR026751.D
Acq: 21 Aug 2025 11:04

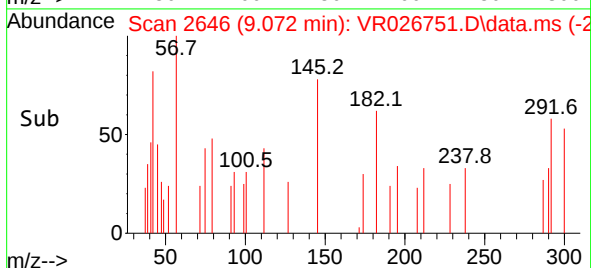
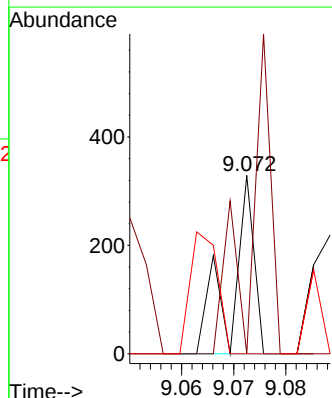
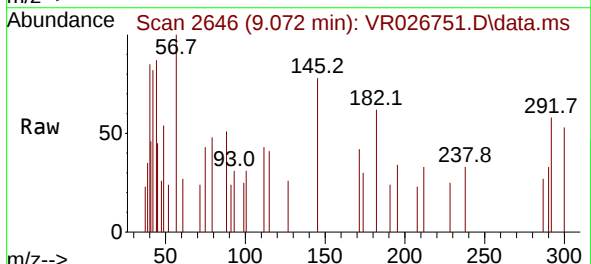
Instrument :
MSVOA_R
ClientSampleId :
VR0821WBL01

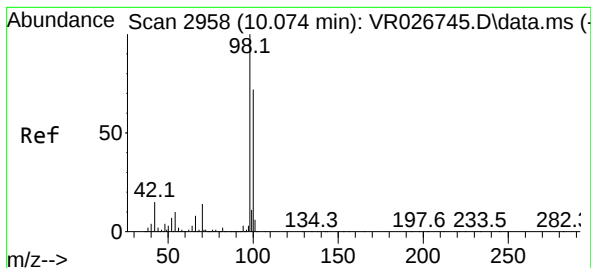
Tgt Ion	Ratio	Lower	Upper
41	100		
69	0.0	66.5	99.7#
39	160.5	43.3	64.9#



#48
1,4-Dioxane
Concen: 0.288 ug/l
RT: 9.072 min Scan# 2646
Delta R.T. -0.004 min
Lab File: VR026751.D
Acq: 21 Aug 2025 11:04

Tgt Ion	Ratio	Lower	Upper
88	100		
43	171.4	27.1	40.7#
58	83.7	55.9	83.9





#49

Toluene-d8

Concen: 50.950 ug/l

RT: 10.074 min Scan# 2958

Delta R.T. -0.000 min

Lab File: VR026751.D

Acq: 21 Aug 2025 11:04

Instrument :

MSVOA_R

ClientSampleId :

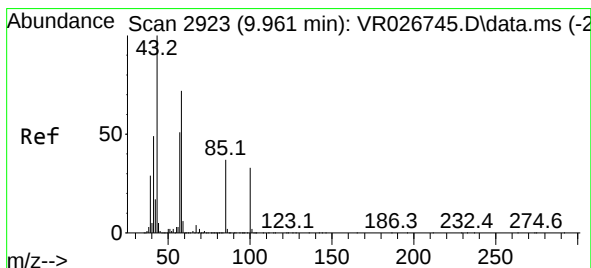
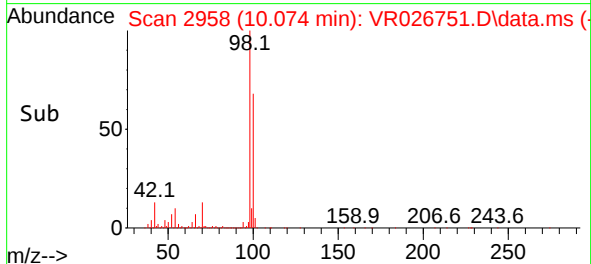
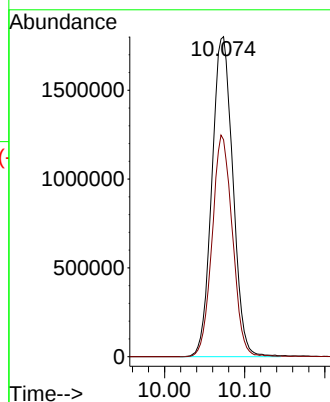
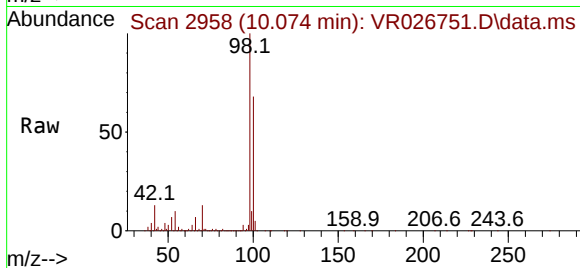
VR0821WBL01

Tgt Ion: 98 Resp: 3276596

Ion Ratio Lower Upper

98 100

100 66.9 55.7 83.5



#50

4-Methyl-2-Pentanone

Concen: 0.119 ug/l

RT: 9.961 min Scan# 2923

Delta R.T. 0.000 min

Lab File: VR026751.D

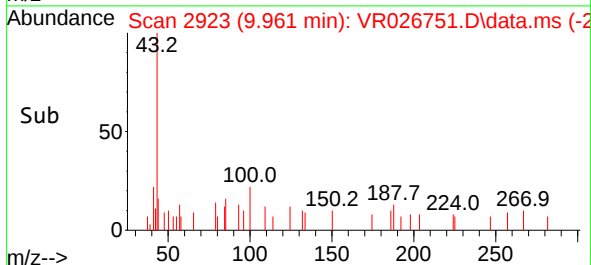
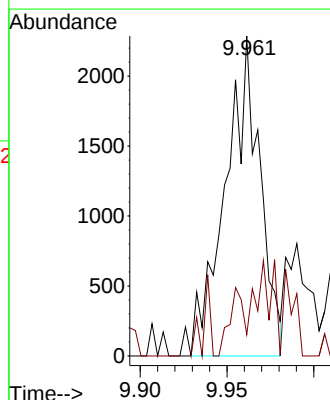
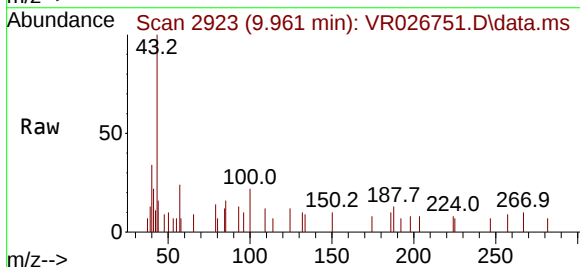
Acq: 21 Aug 2025 11:04

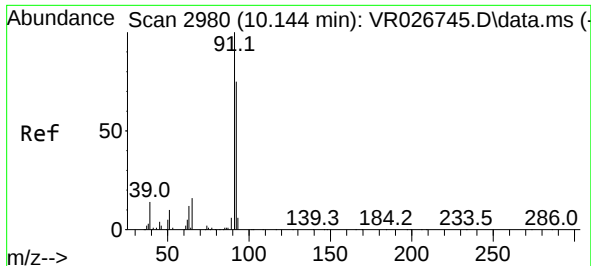
Tgt Ion: 43 Resp: 3195

Ion Ratio Lower Upper

43 100

58 0.0 46.8 70.2#

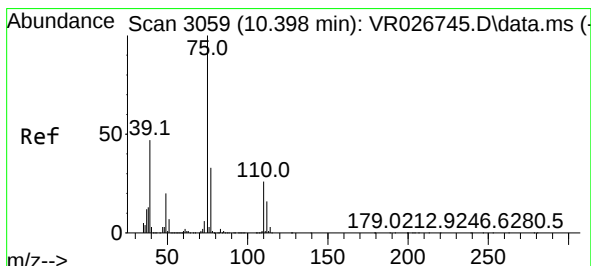
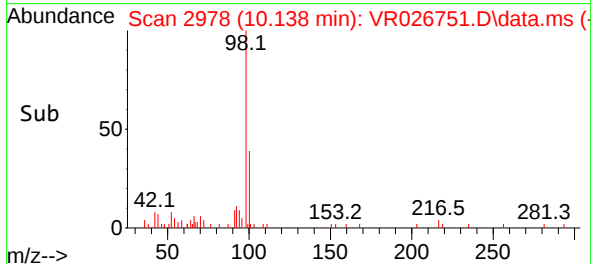
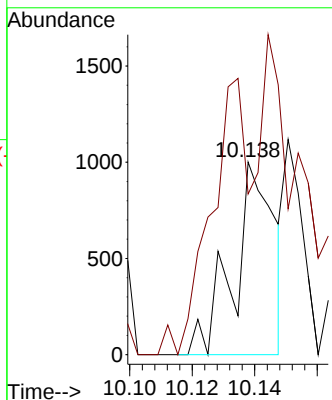
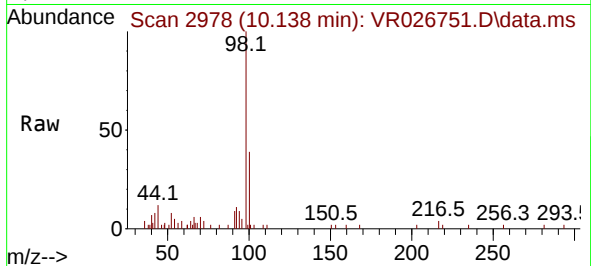




#51
Toluene
Concen: 0.017 ug/l
RT: 10.138 min Scan# 2980
Delta R.T. -0.006 min
Lab File: VR026751.D
Acq: 21 Aug 2025 11:04

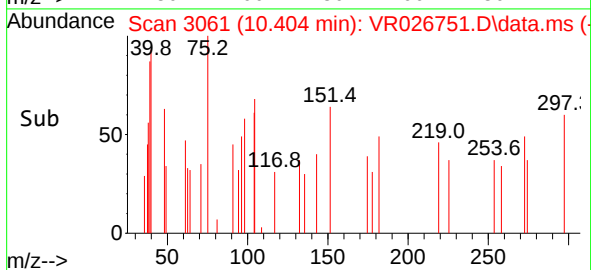
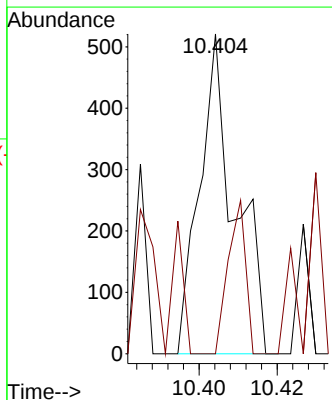
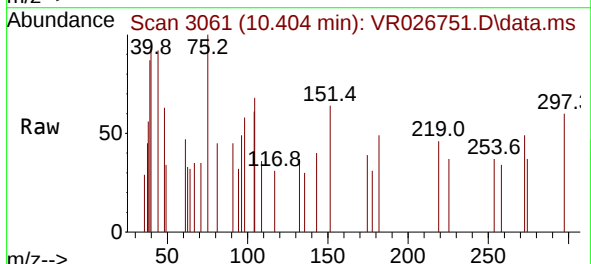
Instrument :
MSVOA_R
ClientSampleId :
VR0821WBL01

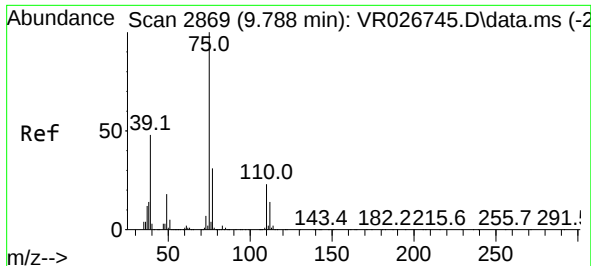
Tgt Ion: 92 Resp: 885
Ion Ratio Lower Upper
92 100
91 131.0 120.1 180.1



#52
t-1,3-Dichloropropene
Concen: 0.013 ug/l
RT: 10.404 min Scan# 3061
Delta R.T. 0.006 min
Lab File: VR026751.D
Acq: 21 Aug 2025 11:04

Tgt Ion: 75 Resp: 327
Ion Ratio Lower Upper
75 100
77 0.0 26.2 39.4#

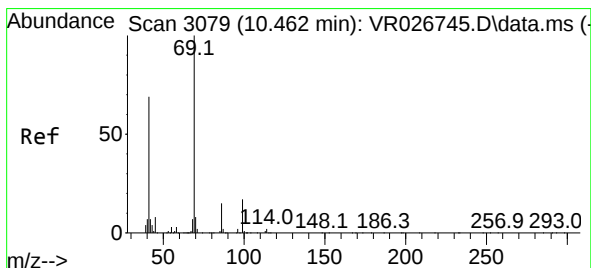
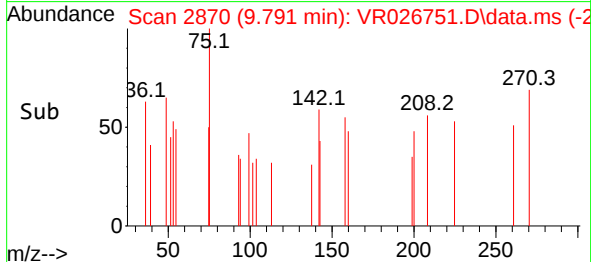
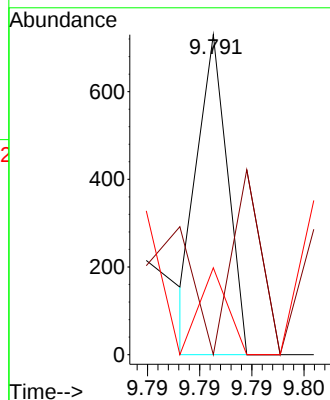
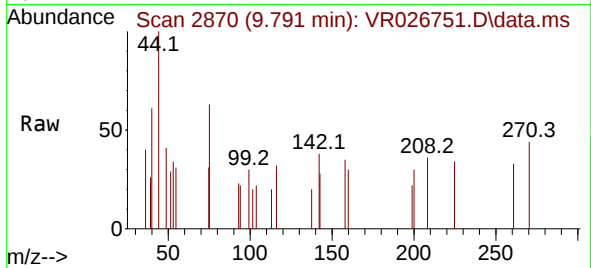




#53
 cis-1,3-Dichloropropene
 Concen: 0.005 ug/l
 RT: 9.791 min Scan# 2870
 Delta R.T. 0.003 min
 Lab File: VR026751.D
 Acq: 21 Aug 2025 11:04

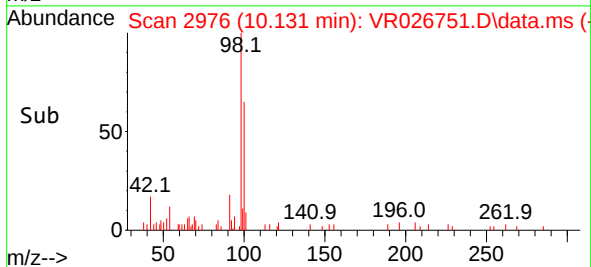
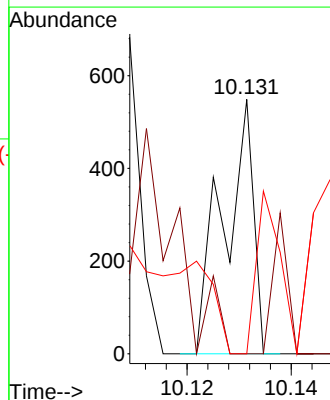
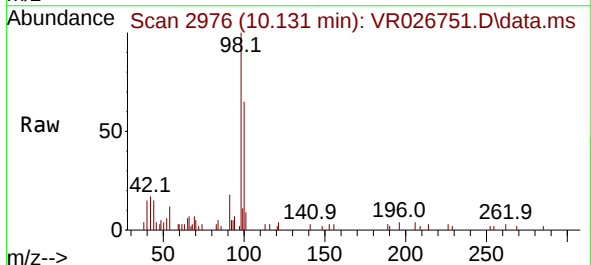
Instrument :
 MSVOA_R
 ClientSampleId :
 VR0821WBL01

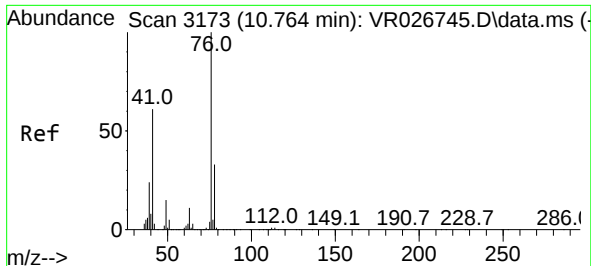
Tgt Ion: 75 Resp: 140
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.1 37.7#
 39 27.1 38.5 57.7#



#55
 Ethyl methacrylate
 Concen: 0.007 ug/l
 RT: 10.131 min Scan# 2976
 Delta R.T. -0.331 min
 Lab File: VR026751.D
 Acq: 21 Aug 2025 11:04

Tgt Ion: 69 Resp: 217
 Ion Ratio Lower Upper
 69 100
 41 0.0 55.6 83.4#
 39 50.7 29.2 43.8#

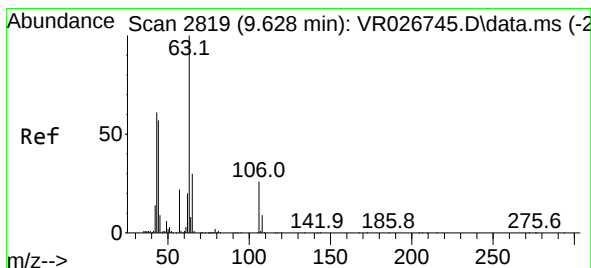
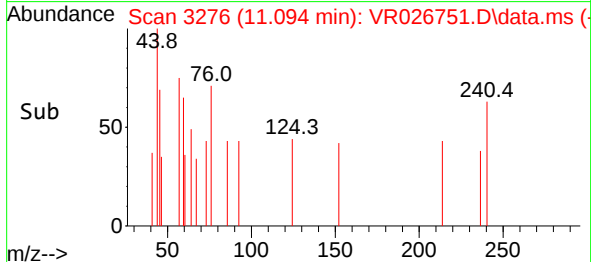
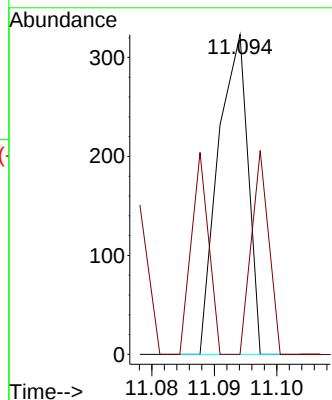
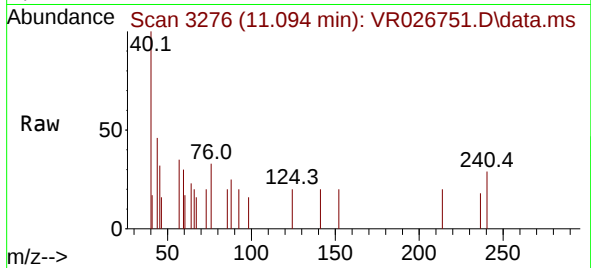




#56
1,3-Dichloropropane
Concen: 0.003 ug/l
RT: 11.094 min Scan# 3173
Delta R.T. 0.331 min
Lab File: VR026751.D
Acq: 21 Aug 2025 11:04

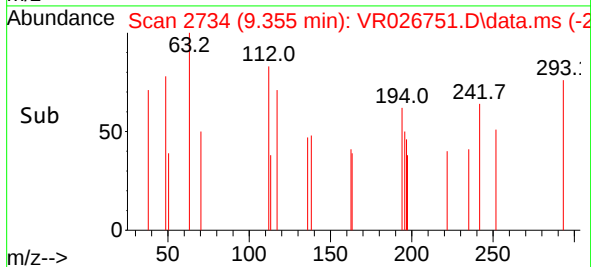
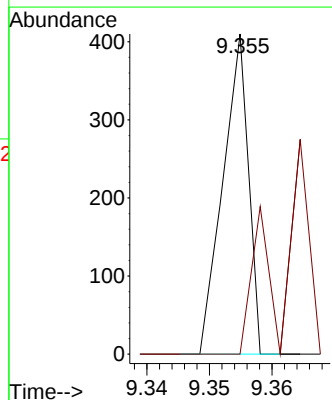
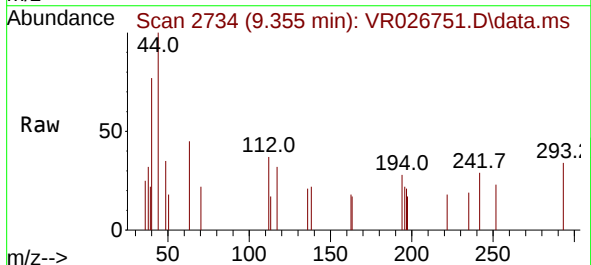
Instrument :
MSVOA_R
ClientSampleId :
VR0821WBL01

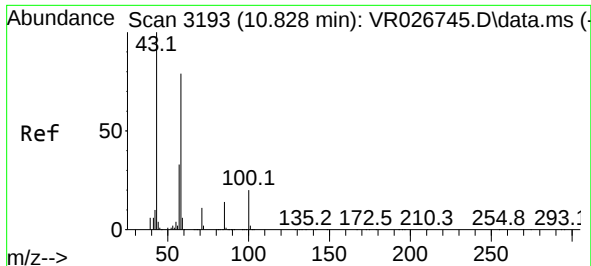
Tgt Ion: 76 Resp: 107
Ion Ratio Lower Upper
76 100
78 37.4 25.9 38.9



#57
2-Chloroethyl Vinyl ether
Concen: 0.068 ug/l
RT: 9.355 min Scan# 2734
Delta R.T. -0.273 min
Lab File: VR026751.D
Acq: 21 Aug 2025 11:04

Tgt Ion: 63 Resp: 116
Ion Ratio Lower Upper
63 100
106 31.0 21.5 32.3

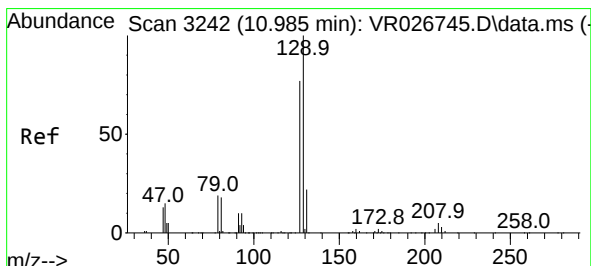
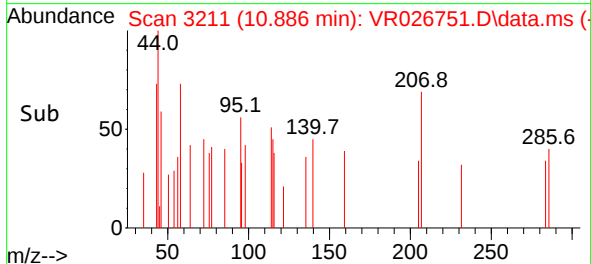
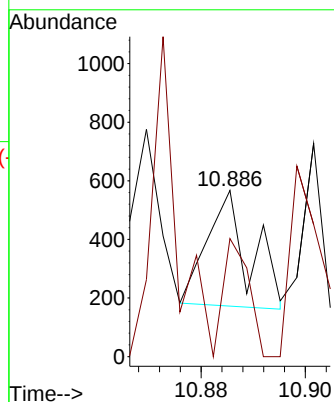
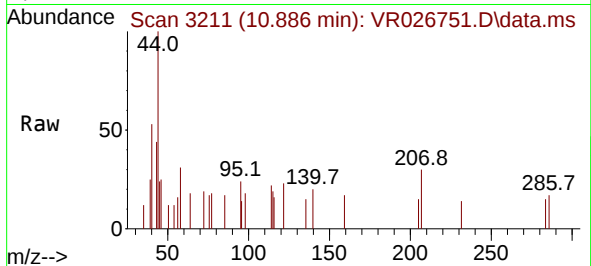




#58
2-Hexanone
Concen: 0.012 ug/l
RT: 10.886 min Scan# 3193
Delta R.T. 0.058 min
Lab File: VR026751.D
Acq: 21 Aug 2025 11:04

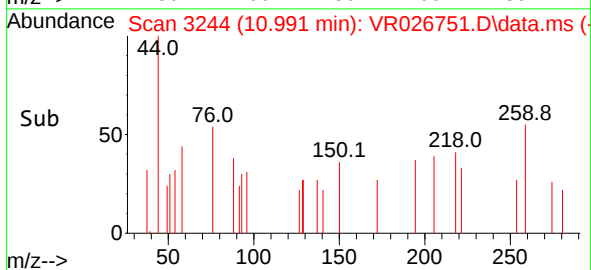
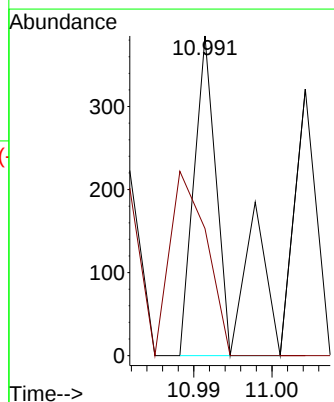
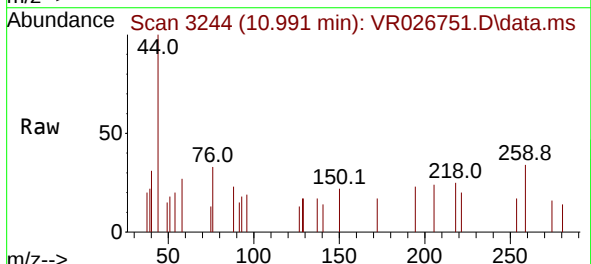
Instrument :
MSVOA_R
ClientSampleId :
VR0821WBL01

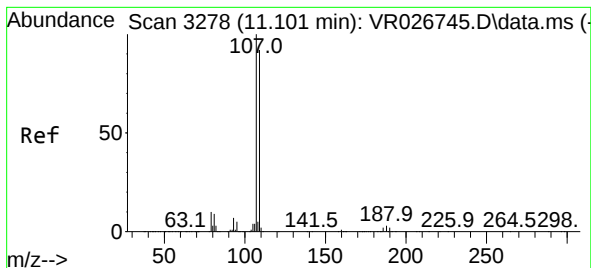
Tgt Ion: 43 Resp: 221
Ion Ratio Lower Upper
43 100
58 61.5 34.0 102.0



#59
Dibromochloromethane
Concen: 0.006 ug/l
RT: 10.991 min Scan# 3244
Delta R.T. 0.006 min
Lab File: VR026751.D
Acq: 21 Aug 2025 11:04

Tgt Ion: 129 Resp: 110
Ion Ratio Lower Upper
129 100
127 65.5 38.9 116.7

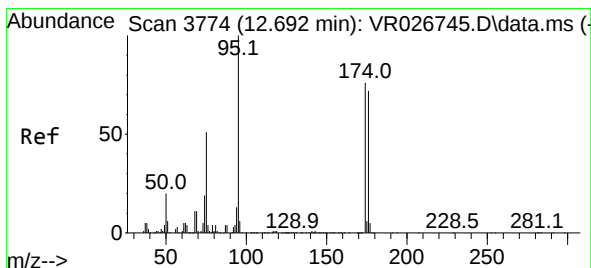
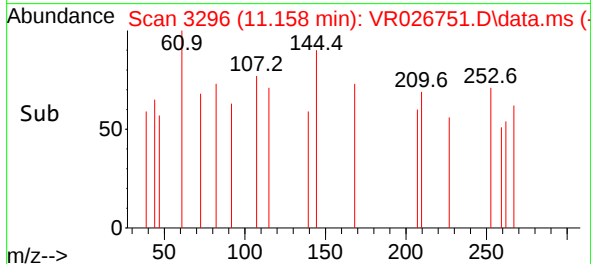
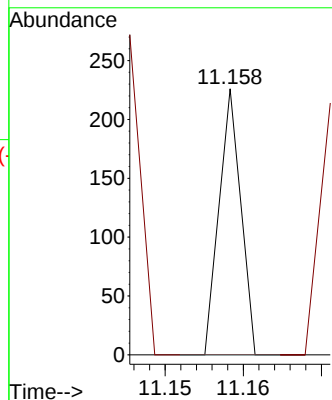
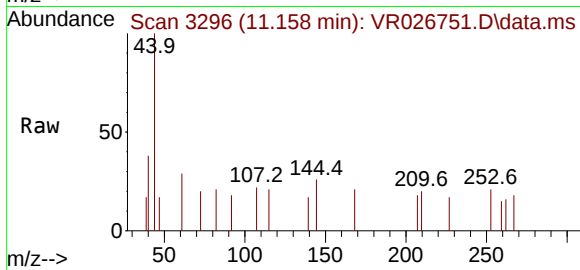




#60
1,2-Dibromoethane
Concen: 0.003 ug/l
RT: 11.158 min Scan# 31
Delta R.T. 0.058 min
Lab File: VR026751.D
Acq: 21 Aug 2025 11:04

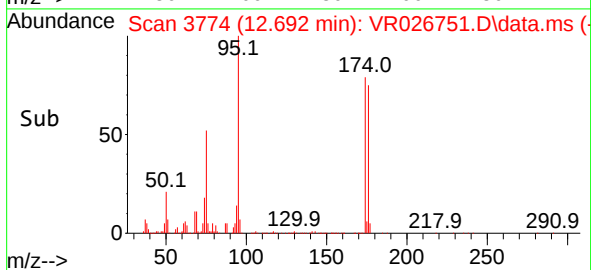
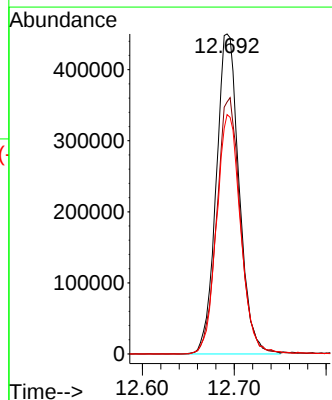
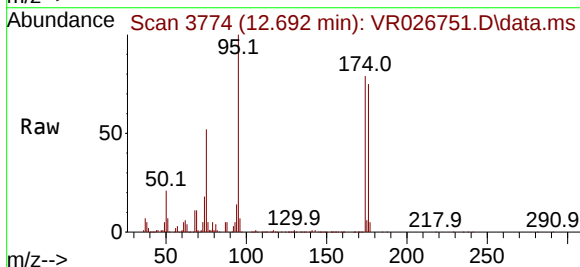
Instrument :
MSVOA_R
ClientSampleId :
VR0821WBL01

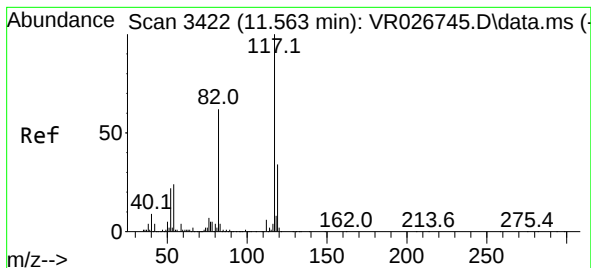
Tgt Ion:107 Resp: 44
Ion Ratio Lower Upper
107 100
109 93.2 74.3 111.5



#61
4-Bromofluorobenzene
Concen: 42.857 ug/l
RT: 12.692 min Scan# 3774
Delta R.T. 0.000 min
Lab File: VR026751.D
Acq: 21 Aug 2025 11:04

Tgt Ion: 95 Resp: 782025
Ion Ratio Lower Upper
95 100
174 82.2 0.0 156.6
176 78.3 0.0 150.2

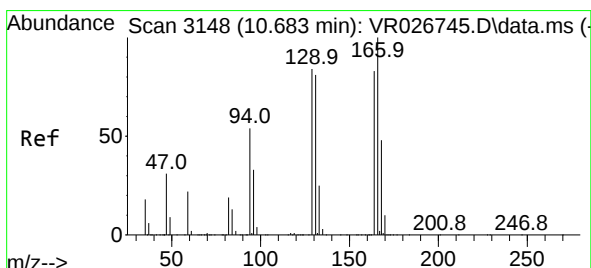
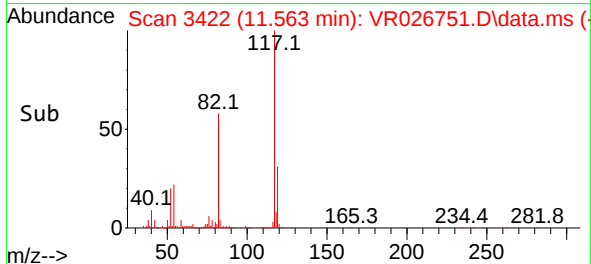
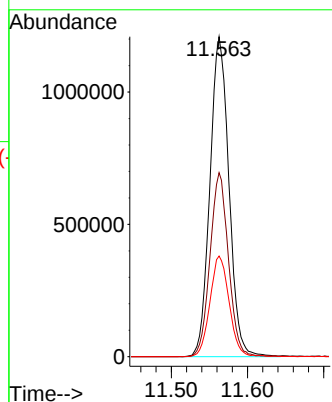
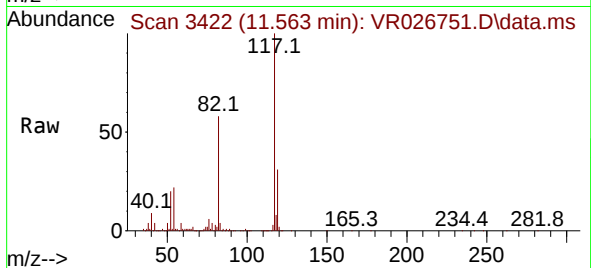




#62
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.563 min Scan# 3422
Delta R.T. -0.000 min
Lab File: VR026751.D
Acq: 21 Aug 2025 11:04

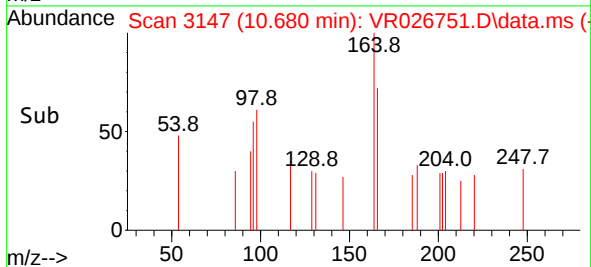
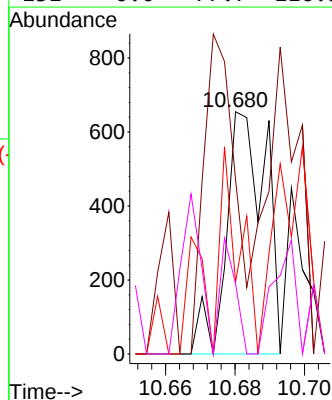
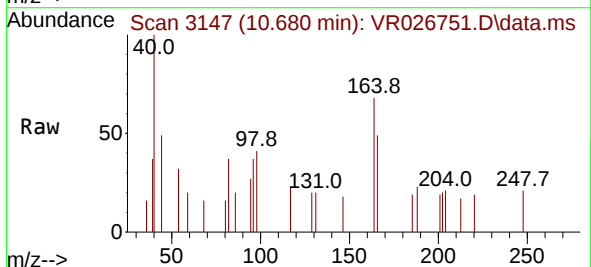
Instrument :
MSVOA_R
ClientSampleId :
VR0821WBL01

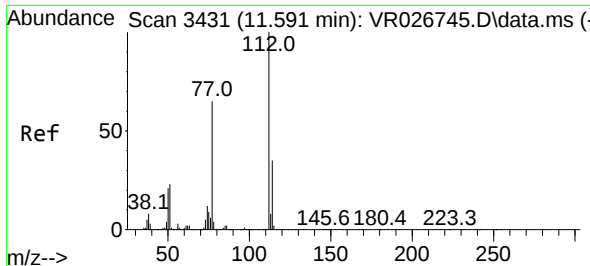
Tgt Ion:117 Resp: 2096274
Ion Ratio Lower Upper
117 100
82 57.5 49.9 74.9
119 31.5 27.4 41.2



#63
Tetrachloroethene
Concen: 0.035 ug/l
RT: 10.680 min Scan# 3147
Delta R.T. -0.003 min
Lab File: VR026751.D
Acq: 21 Aug 2025 11:04

Tgt Ion:164 Resp: 514
Ion Ratio Lower Upper
164 100
166 71.9 95.9 143.9#
129 29.6 80.2 120.2#
131 0.0 77.7 116.5#

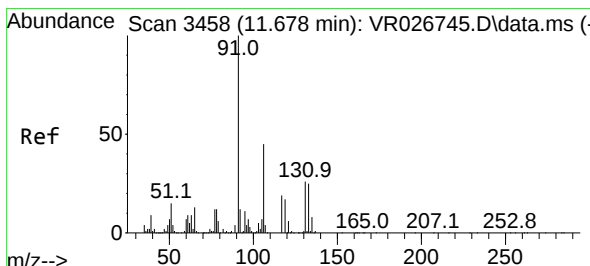
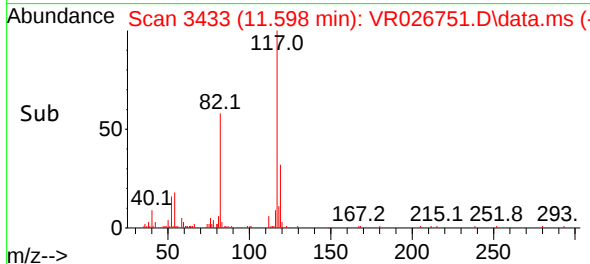
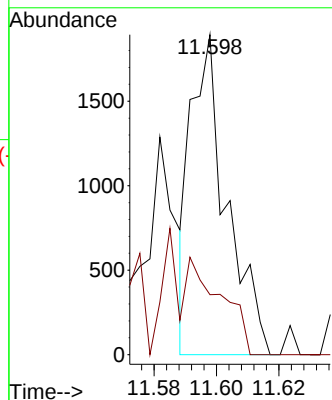
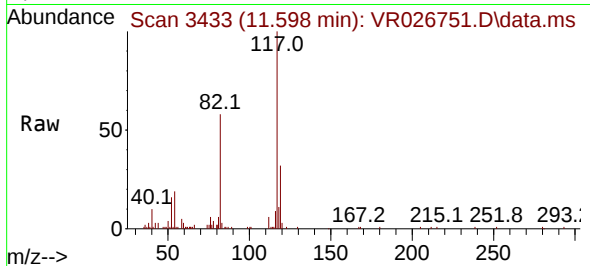




#64
Chlorobenzene
Concen: 0.032 ug/l
RT: 11.598 min Scan# 3431
Delta R.T. 0.006 min
Lab File: VR026751.D
Acq: 21 Aug 2025 11:04

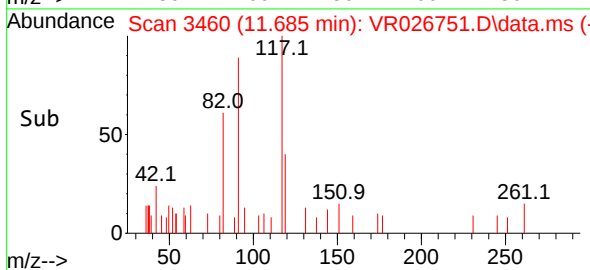
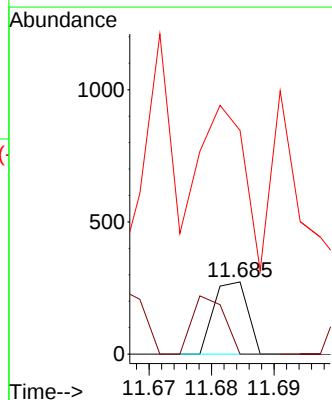
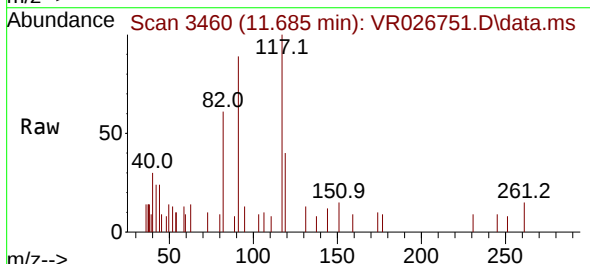
Instrument :
MSVOA_R
ClientSampleId :
VR0821WBL01

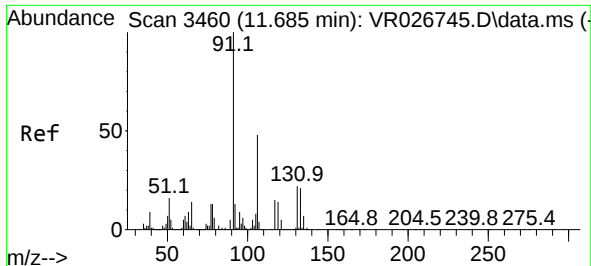
Tgt Ion:112 Resp: 1507
Ion Ratio Lower Upper
112 100
114 18.7 28.0 42.0#



#65
1,1,1,2-Tetrachloroethane
Concen: 0.007 ug/l
RT: 11.685 min Scan# 3460
Delta R.T. 0.006 min
Lab File: VR026751.D
Acq: 21 Aug 2025 11:04

Tgt Ion:131 Resp: 102
Ion Ratio Lower Upper
131 100
133 76.5 47.3 141.8
119 0.0 33.9 101.7#

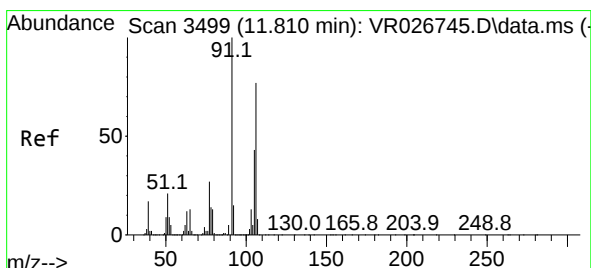
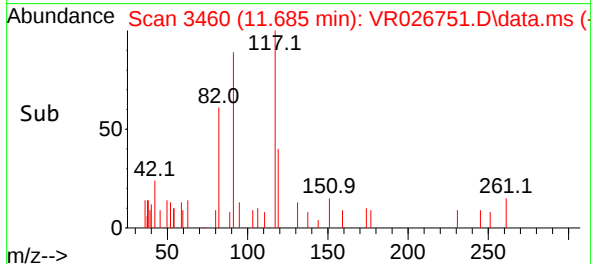
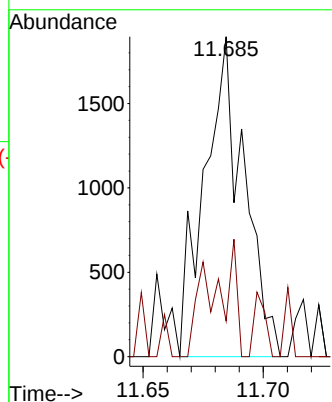
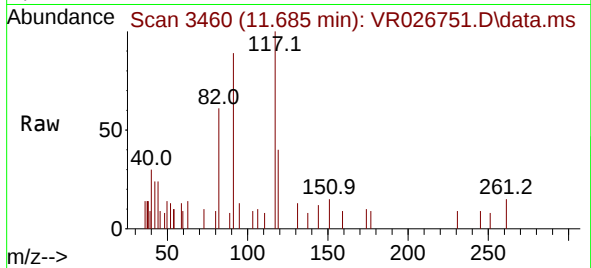




#66
Ethyl Benzene
Concen: 0.028 ug/l
RT: 11.685 min Scan# 3460
Delta R.T. 0.000 min
Lab File: VR026751.D
Acq: 21 Aug 2025 11:04

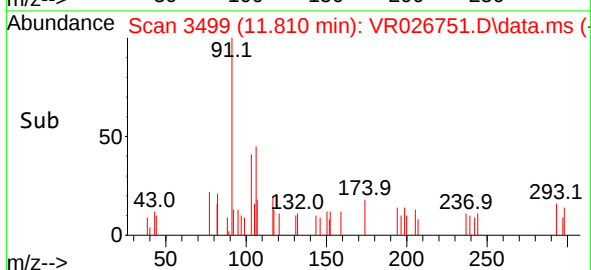
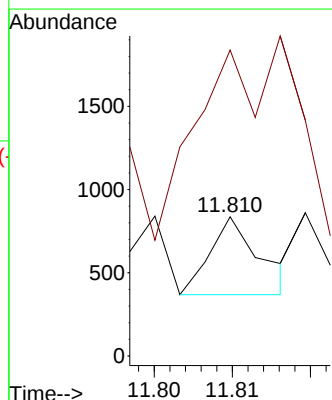
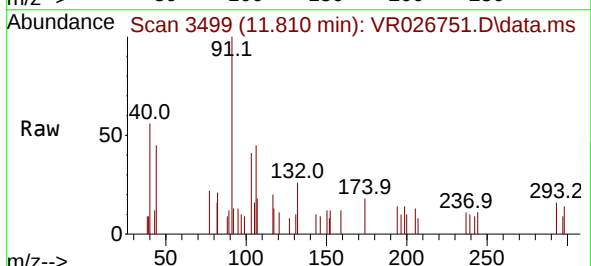
Instrument :
MSVOA_R
ClientSampleId :
VR0821WBL01

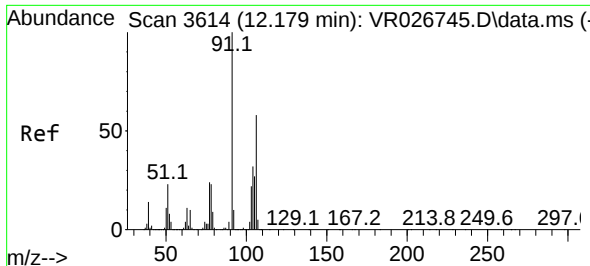
Tgt Ion: 91 Resp: 2174
Ion Ratio Lower Upper
91 100
106 11.1 38.7 58.1#



#67
m/p-Xylenes
Concen: 0.006 ug/l
RT: 11.810 min Scan# 3499
Delta R.T. -0.000 min
Lab File: VR026751.D
Acq: 21 Aug 2025 11:04

Tgt Ion:106 Resp: 207
Ion Ratio Lower Upper
106 100
91 1594.2 121.6 182.4#

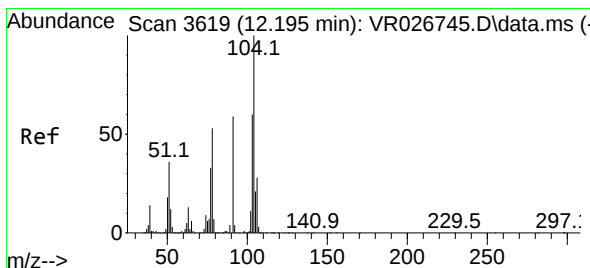
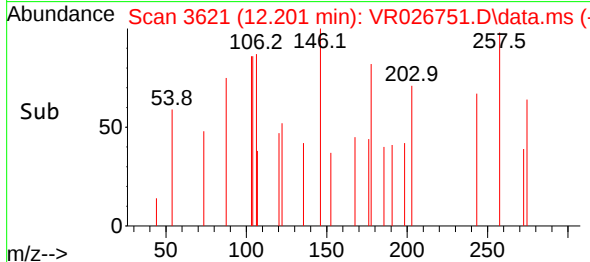
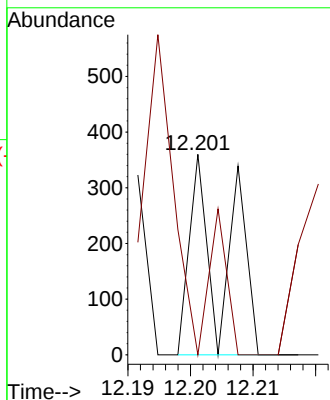
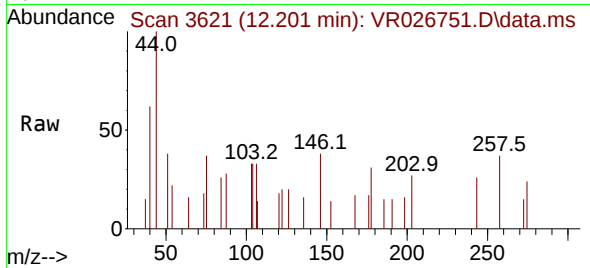




#68
o-Xylene
Concen: 0.004 ug/l
RT: 12.201 min Scan# 3621
Delta R.T. 0.022 min
Lab File: VR026751.D
Acq: 21 Aug 2025 11:04

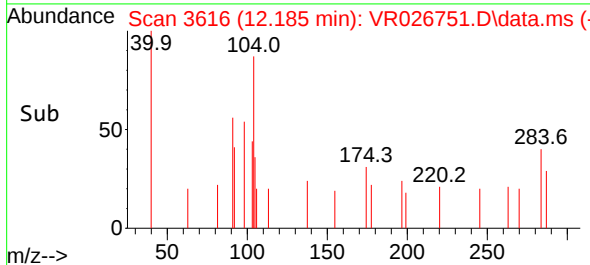
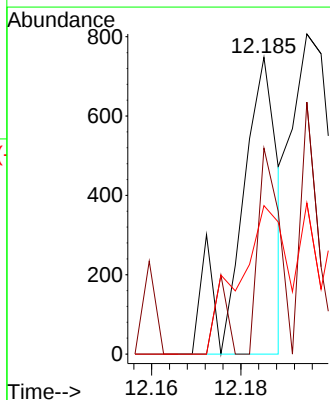
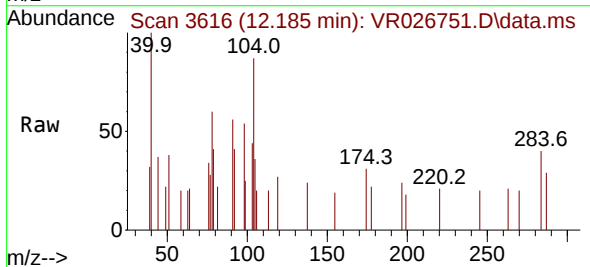
Instrument :
MSVOA_R
ClientSampleId :
VR0821WBL01

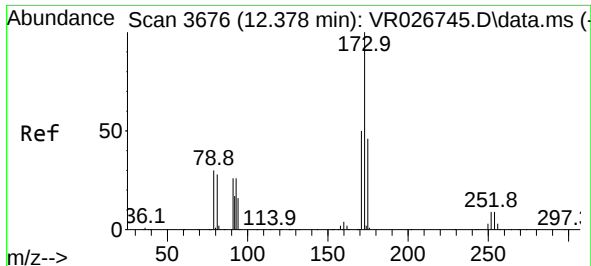
Tgt Ion:106 Resp: 134
Ion Ratio Lower Upper
106 100
91 114.9 93.7 281.1



#69
Styrene
Concen: 0.009 ug/l
RT: 12.185 min Scan# 3616
Delta R.T. -0.010 min
Lab File: VR026751.D
Acq: 21 Aug 2025 11:04

Tgt Ion:104 Resp: 441
Ion Ratio Lower Upper
104 100
78 47.2 42.5 63.7
103 63.3 47.5 71.3

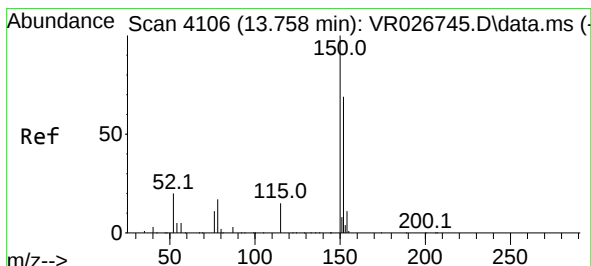
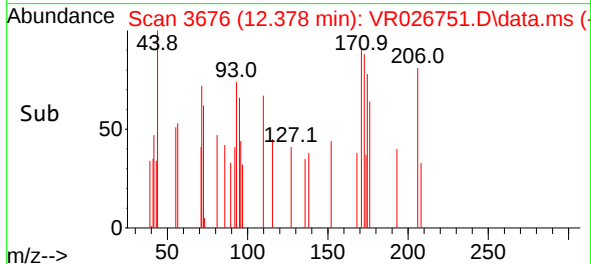
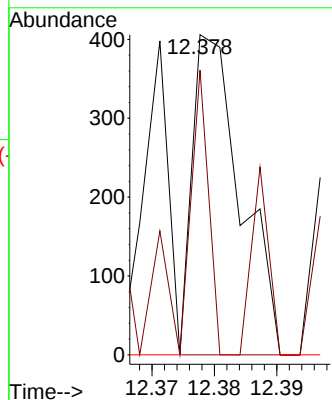
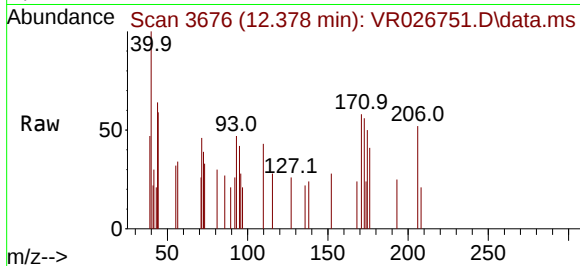




#70
Bromoform
Concen: 0.026 ug/l
RT: 12.378 min Scan# 30
Delta R.T. 0.000 min
Lab File: VR026751.D
Acq: 21 Aug 2025 11:04

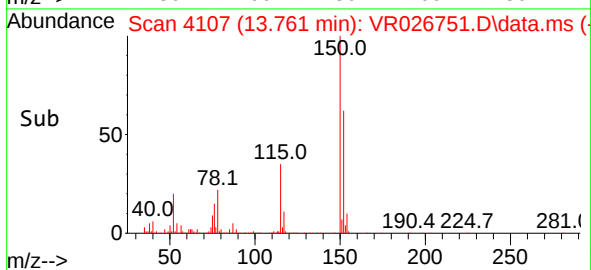
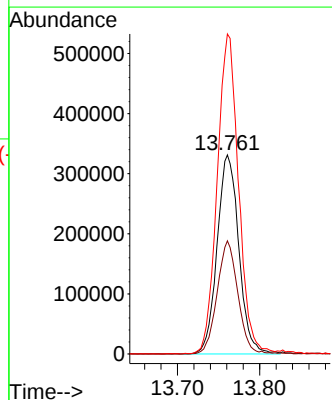
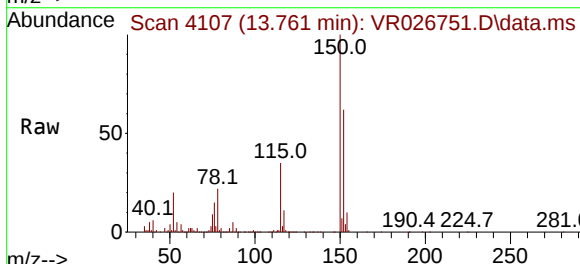
Instrument :
MSVOA_R
ClientSampleId :
VR0821WBL01

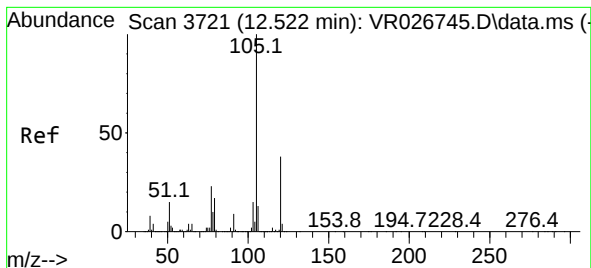
Tgt Ion:173 Resp: 221
Ion Ratio Lower Upper
173 100
175 0.0 23.8 71.4#
254 0.0 0.0 0.0



#71
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.761 min Scan# 4107
Delta R.T. 0.003 min
Lab File: VR026751.D
Acq: 21 Aug 2025 11:04

Tgt Ion:152 Resp: 607406
Ion Ratio Lower Upper
152 100
115 54.2 28.5 85.5
150 158.1 0.0 352.0





#72

Isopropylbenzene

Concen: 0.018 ug/l

RT: 12.519 min Scan# 31

Delta R.T. -0.003 min

Lab File: VR026751.D

Acq: 21 Aug 2025 11:04

Instrument :

MSVOA_R

ClientSampleId :

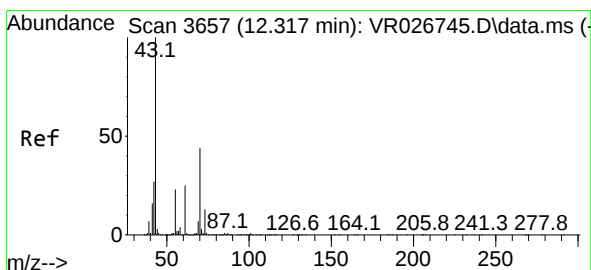
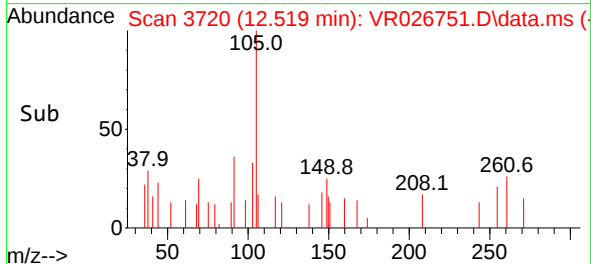
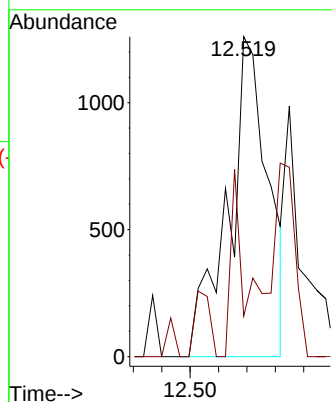
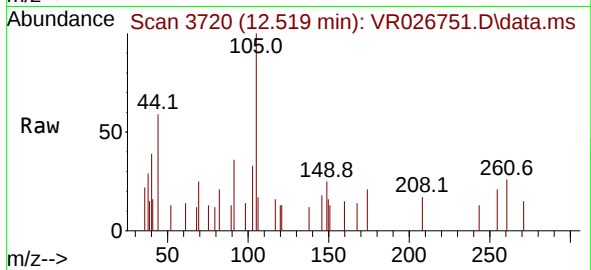
VR0821WBL01

Tgt Ion:105 Resp: 1217

Ion Ratio Lower Upper

105 100

120 23.0 16.4 49.2



#73

N-ethyl acetate

Concen: 0.025 ug/l

RT: 12.323 min Scan# 3659

Delta R.T. 0.006 min

Lab File: VR026751.D

Acq: 21 Aug 2025 11:04

Tgt Ion: 43 Resp: 594

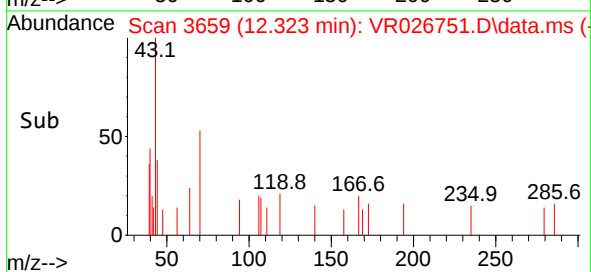
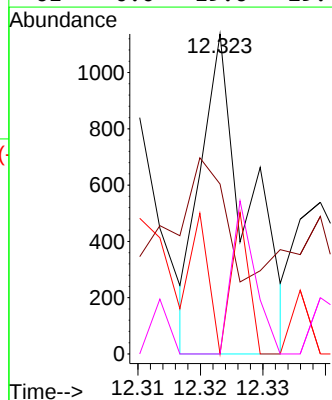
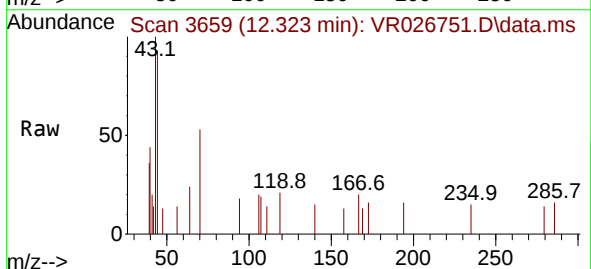
Ion Ratio Lower Upper

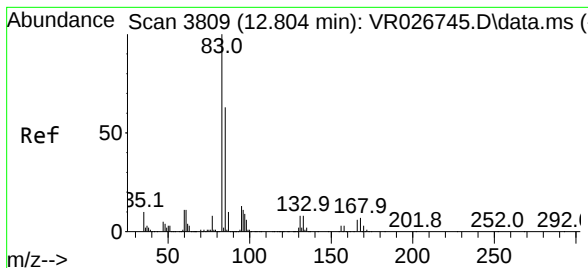
43 100

70 111.8 34.1 51.1#

55 0.0 18.1 27.1#

61 0.0 19.6 29.4#





#74

1,1,2,2-Tetrachloroethane

Concen: 0.008 ug/l

RT: 12.811 min Scan# 3809

Delta R.T. 0.006 min

Lab File: VR026751.D

Acq: 21 Aug 2025 11:04

Instrument :

MSVOA_R

ClientSampleId :

VR0821WBL01

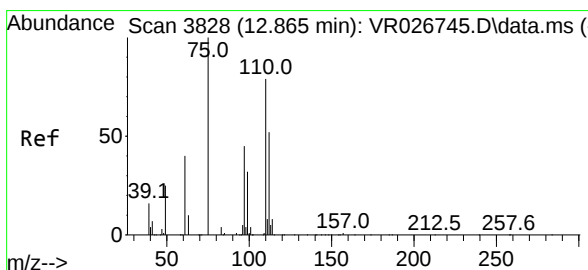
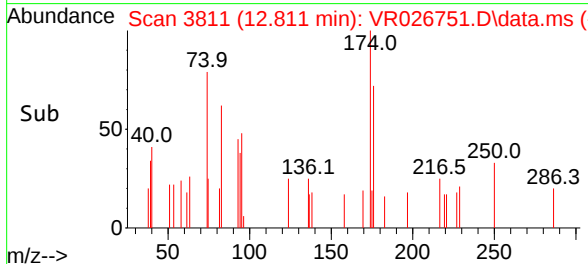
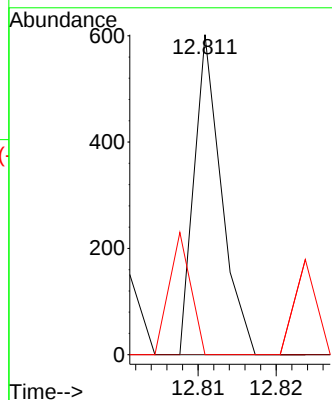
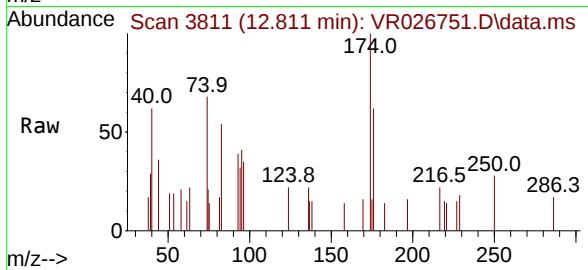
Tgt Ion: 83 Resp: 146

Ion Ratio Lower Upper

83 100

131 0.0 4.6 13.8#

85 30.1 31.7 95.1#



#75

1,2,3-Trichloropropane

Concen: 27.157 ug/l

RT: 12.692 min Scan# 3774

Delta R.T. -0.173 min

Lab File: VR026751.D

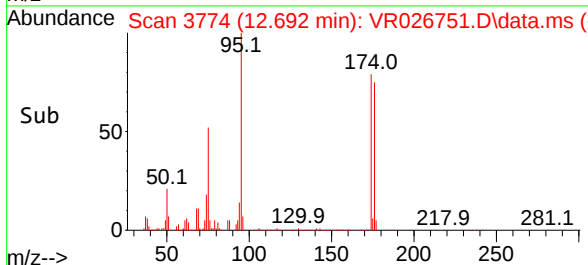
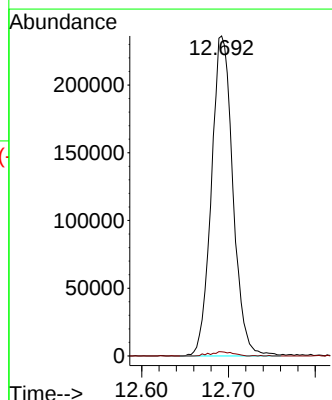
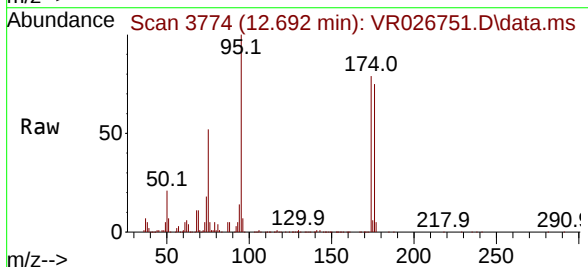
Acq: 21 Aug 2025 11:04

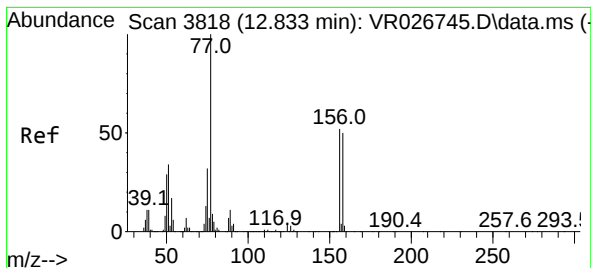
Tgt Ion: 75 Resp: 406626

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#





#76

Bromobenzene

Concen: 0.028 ug/l

RT: 12.827 min Scan# 3816

Delta R.T. -0.006 min

Lab File: VR026751.D

Acq: 21 Aug 2025 11:04

Instrument :

MSVOA_R

ClientSampleId :

VR0821WBL01

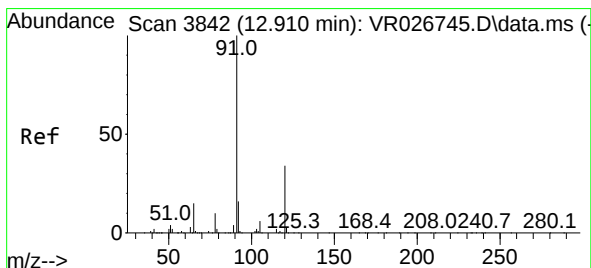
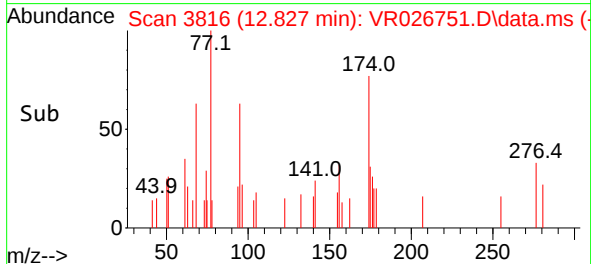
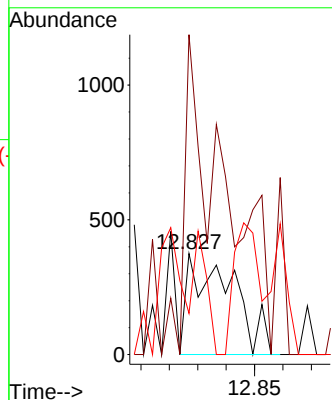
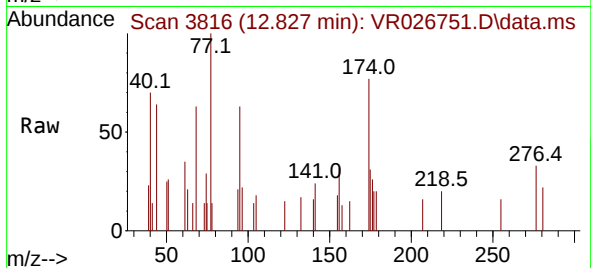
Tgt Ion:156 Resp: 407

Ion Ratio Lower Upper

156 100

77 122.1 109.8 329.4

158 71.7 47.5 142.6



#77

n-propylbenzene

Concen: 0.002 ug/l

RT: 12.939 min Scan# 3851

Delta R.T. 0.029 min

Lab File: VR026751.D

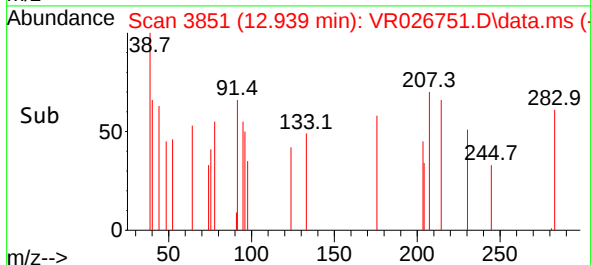
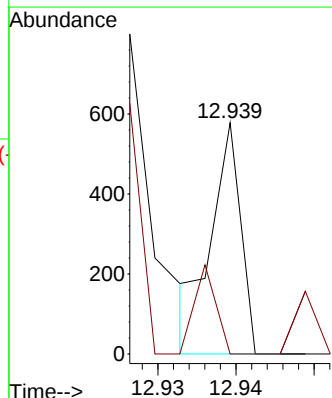
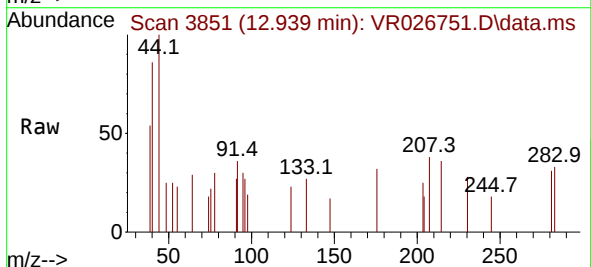
Acq: 21 Aug 2025 11:04

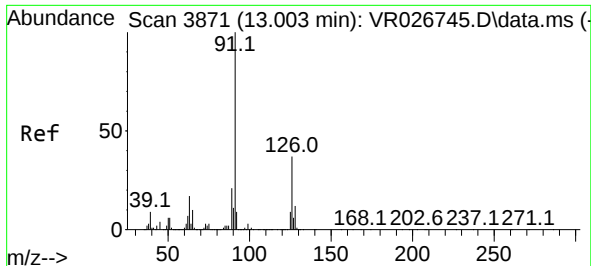
Tgt Ion: 91 Resp: 148

Ion Ratio Lower Upper

91 100

120 29.1 14.2 42.8

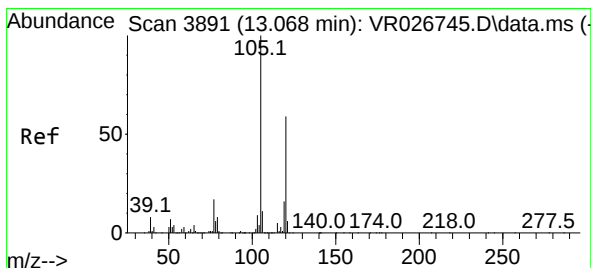
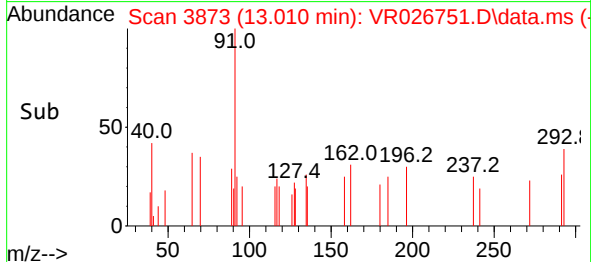
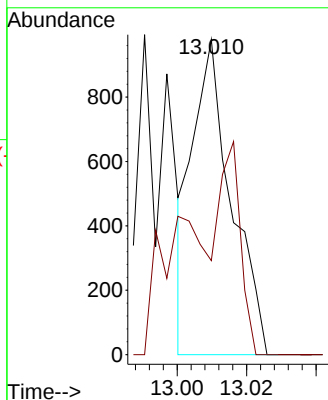
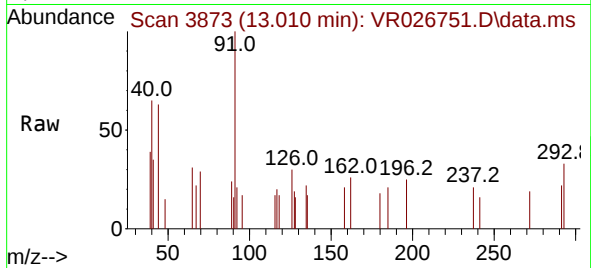




#78
2-Chlorotoluene
Concen: 0.018 ug/l
RT: 13.010 min Scan# 3873
Delta R.T. 0.006 min
Lab File: VR026751.D
Acq: 21 Aug 2025 11:04

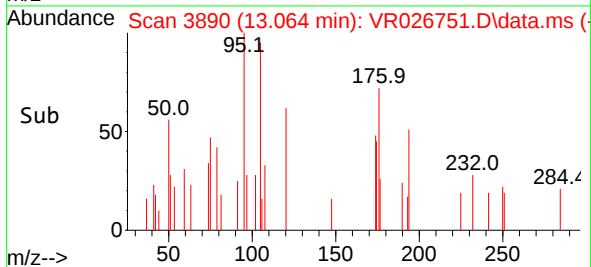
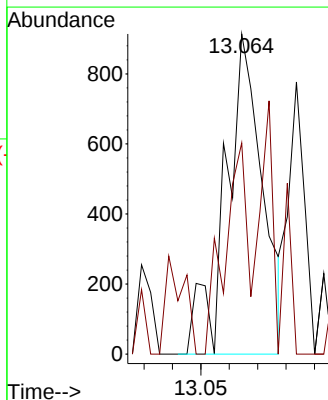
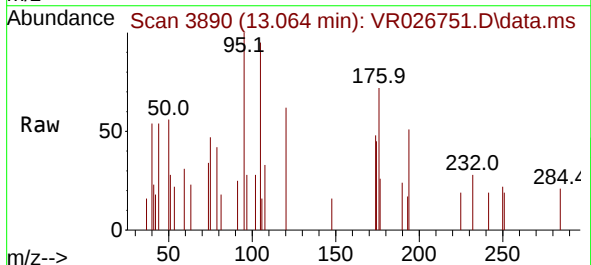
Instrument :
MSVOA_R
ClientSampleId :
VR0821WBL01

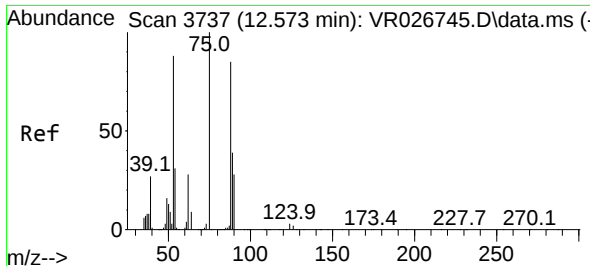
Tgt Ion: 91 Resp: 763
Ion Ratio Lower Upper
91 100
126 35.9 18.0 54.0



#79
1,3,5-Trimethylbenzene
Concen: 0.017 ug/l
RT: 13.064 min Scan# 3890
Delta R.T. -0.003 min
Lab File: VR026751.D
Acq: 21 Aug 2025 11:04

Tgt Ion: 105 Resp: 821
Ion Ratio Lower Upper
105 100
120 41.3 27.8 83.4

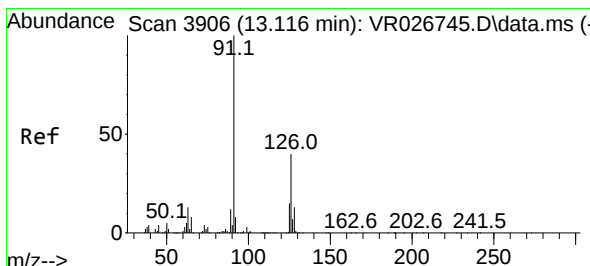
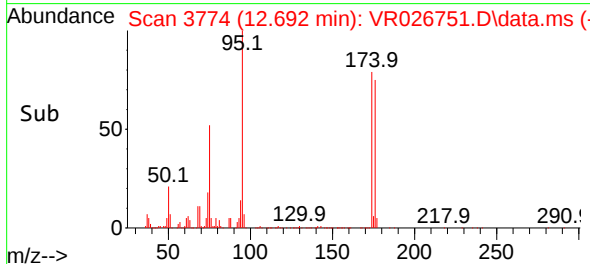
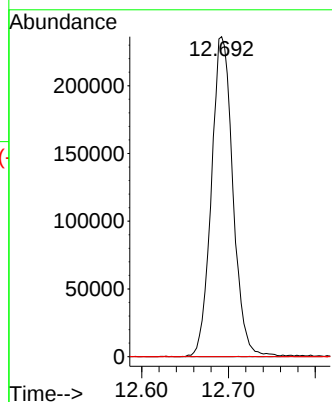
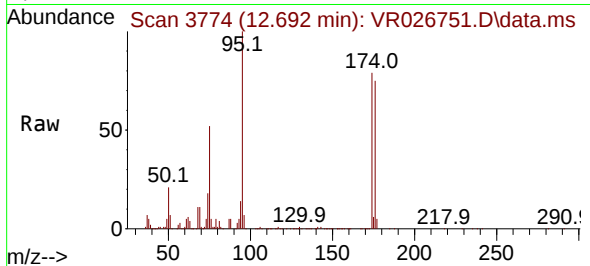




#80
trans-1,4-Dichloro-2-butene
Concen: 82.861 ug/l
RT: 12.692 min Scan# 31
Delta R.T. 0.119 min
Lab File: VR026751.D
Acq: 21 Aug 2025 11:04

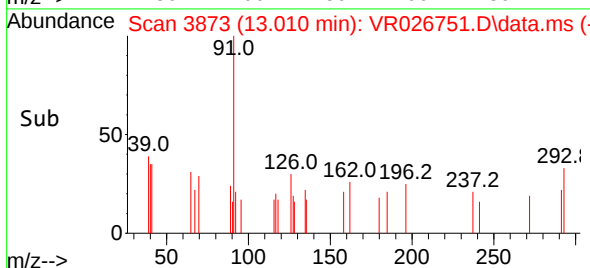
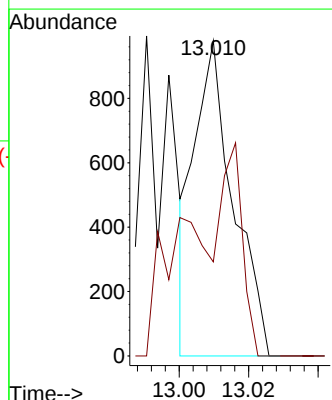
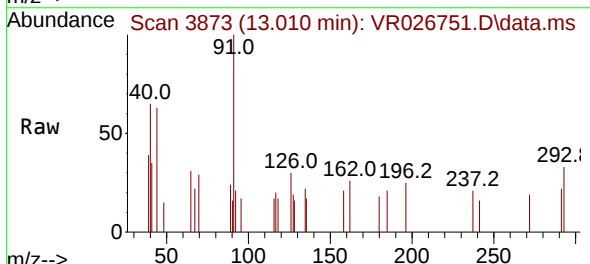
Instrument :
MSVOA_R
ClientSampleId :
VR0821WBL01

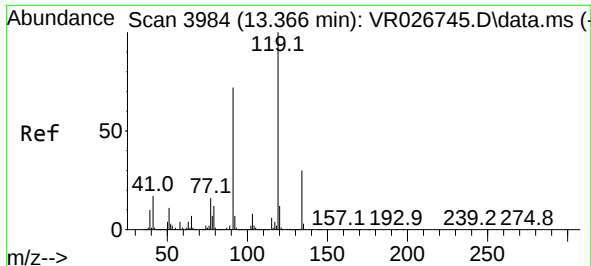
Tgt Ion: 75 Resp: 406626
Ion Ratio Lower Upper
75 100
53 0.0 70.9 106.3#
89 0.0 33.4 50.0#



#81
4-Chlorotoluene
Concen: 0.020 ug/l
RT: 13.010 min Scan# 3873
Delta R.T. -0.106 min
Lab File: VR026751.D
Acq: 21 Aug 2025 11:04

Tgt Ion: 91 Resp: 763
Ion Ratio Lower Upper
91 100
126 35.9 18.2 54.6

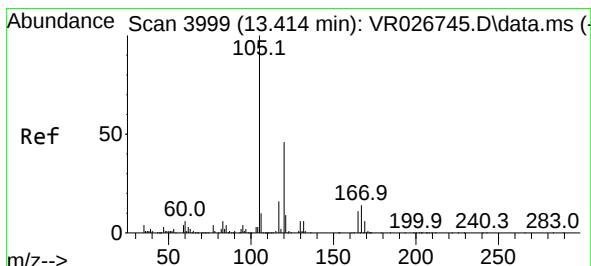
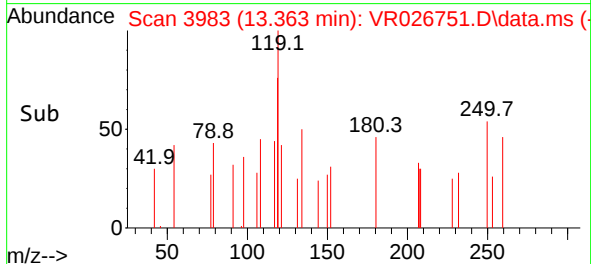
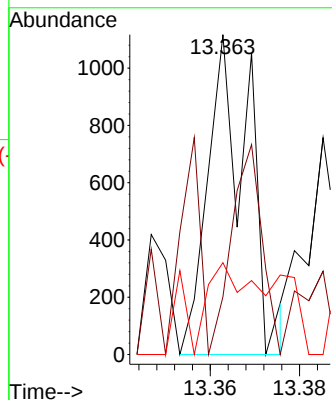
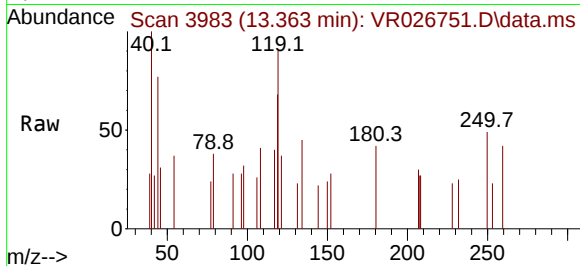




#82
tert-Butylbenzene
Concen: 0.015 ug/l
RT: 13.363 min Scan# 3984
Delta R.T. -0.003 min
Lab File: VR026751.D
Acq: 21 Aug 2025 11:04

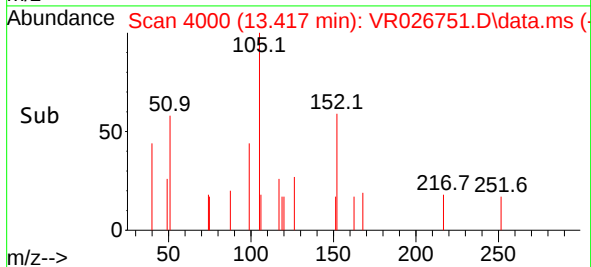
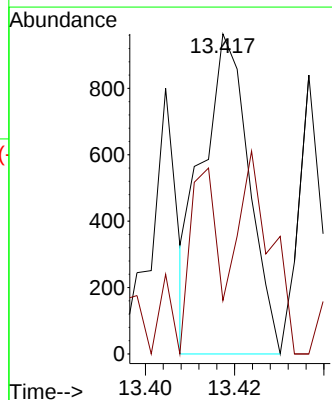
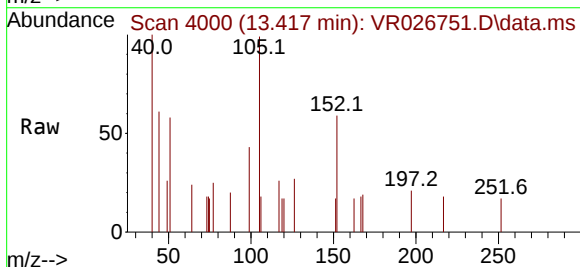
Instrument :
MSVOA_R
ClientSampleId :
VR0821WBL01

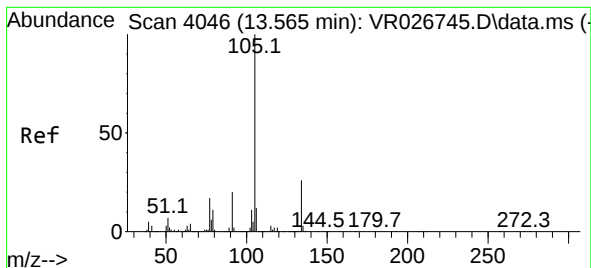
Tgt Ion:119 Resp: 699
Ion Ratio Lower Upper
119 100
91 49.8 33.5 100.5
134 42.3 14.9 44.9



#83
1,2,4-Trimethylbenzene
Concen: 0.016 ug/l
RT: 13.417 min Scan# 4000
Delta R.T. 0.003 min
Lab File: VR026751.D
Acq: 21 Aug 2025 11:04

Tgt Ion:105 Resp: 703
Ion Ratio Lower Upper
105 100
120 40.5 25.3 75.9





#84

sec-Butylbenzene

Concen: 0.005 ug/l

RT: 13.405 min Scan# 3996

Delta R.T. -0.160 min

Lab File: VR026751.D

Acq: 21 Aug 2025 11:04

Instrument :

MSVOA_R

ClientSampleId :

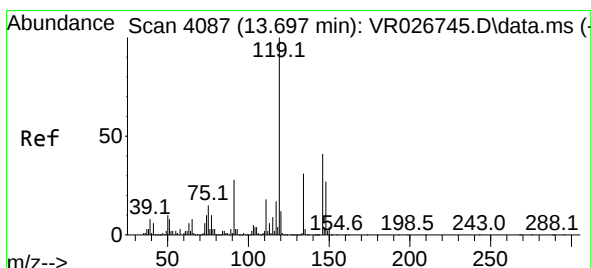
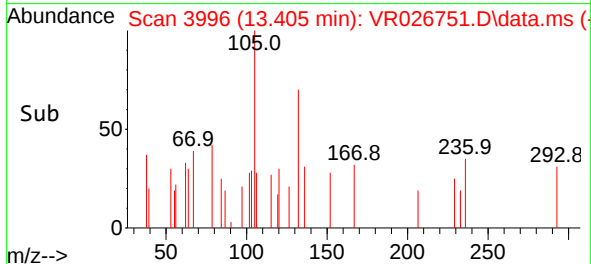
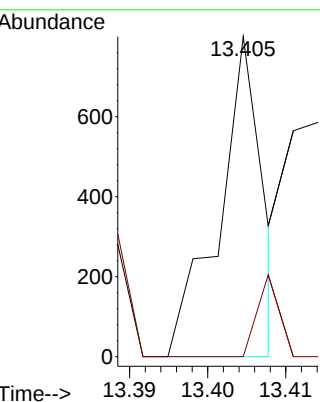
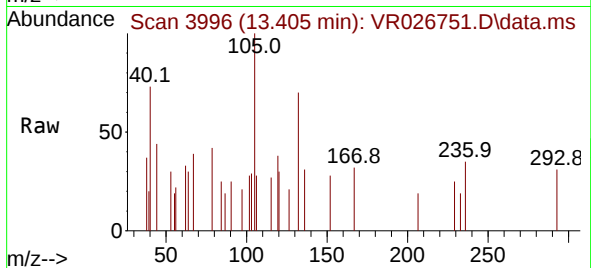
VR0821WBL01

Tgt Ion:105 Resp: 312

Ion Ratio Lower Upper

105 100

134 12.5 11.6 34.7



#85

p-Isopropyltoluene

Concen: 0.030 ug/l

RT: 13.697 min Scan# 4087

Delta R.T. 0.000 min

Lab File: VR026751.D

Acq: 21 Aug 2025 11:04

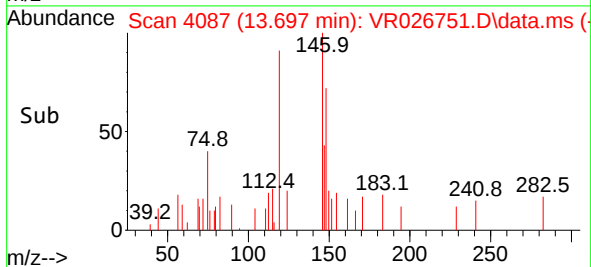
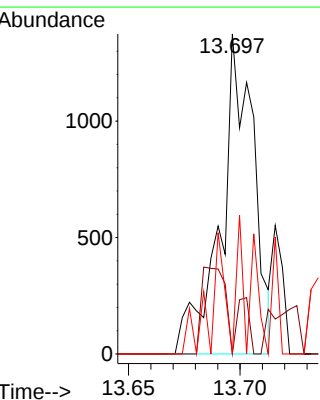
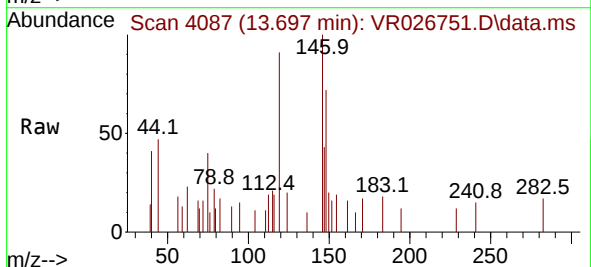
Tgt Ion:119 Resp: 1397

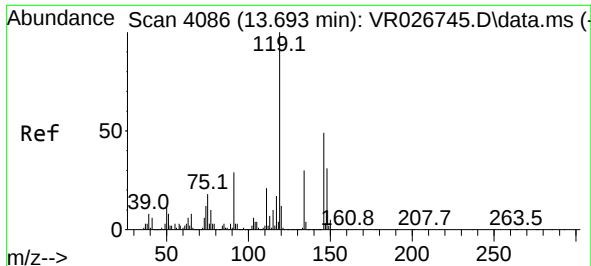
Ion Ratio Lower Upper

119 100

134 6.6 14.4 43.2#

91 8.2 12.7 38.0#

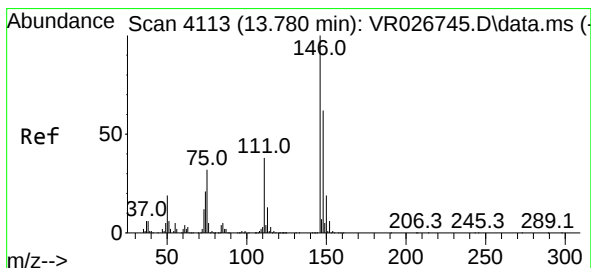
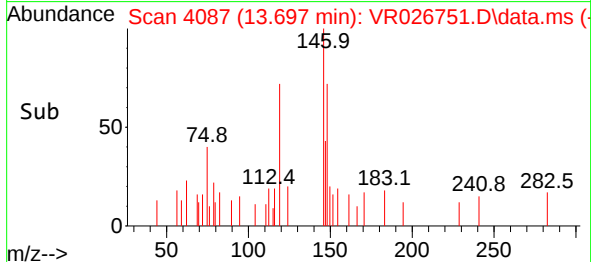
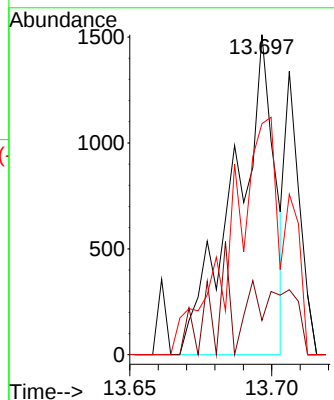
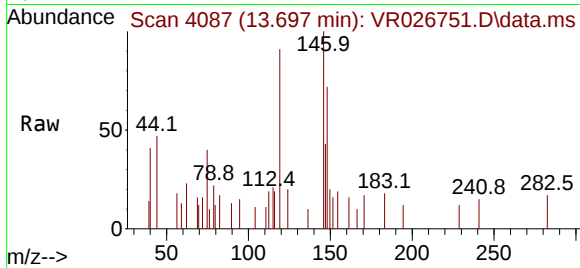




#86
1,3-Dichlorobenzene
Concen: 0.069 ug/l
RT: 13.697 min Scan# 4086
Delta R.T. 0.004 min
Lab File: VR026751.D
Acq: 21 Aug 2025 11:04

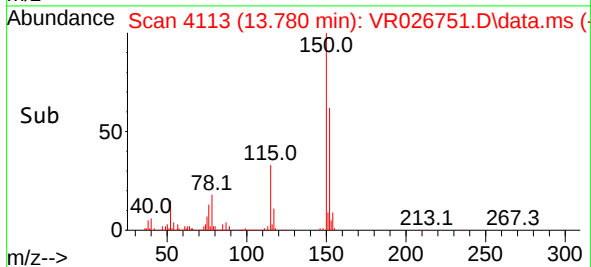
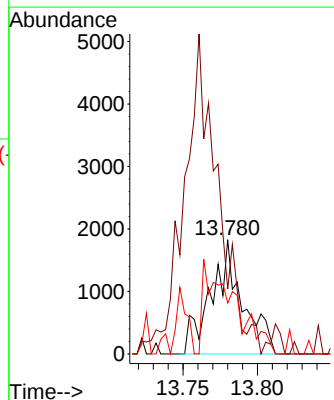
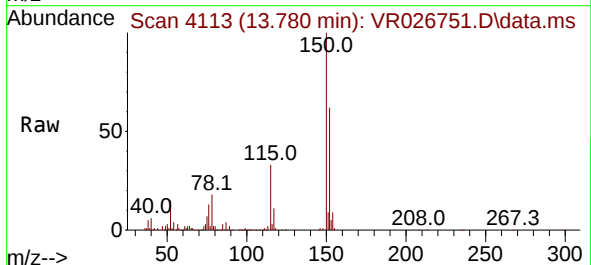
Instrument :
MSVOA_R
ClientSampleId :
VR0821WBL01

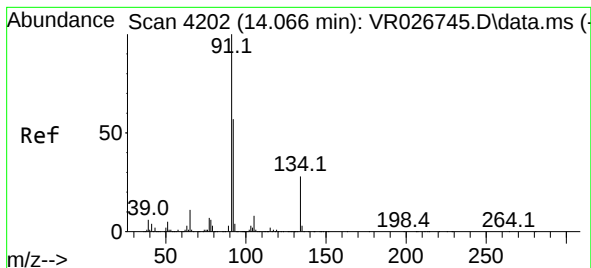
Tgt Ion:146 Resp: 1483
Ion Ratio Lower Upper
146 100
111 0.0 20.9 62.7#
148 102.0 31.8 95.3#



#87
1,4-Dichlorobenzene
Concen: 0.132 ug/l
RT: 13.780 min Scan# 4113
Delta R.T. -0.000 min
Lab File: VR026751.D
Acq: 21 Aug 2025 11:04

Tgt Ion:146 Resp: 2728
Ion Ratio Lower Upper
146 100
111 290.0 18.6 55.6#
148 78.8 31.5 94.5





#88

n-Butylbenzene

Concen: 0.094 ug/l

RT: 14.066 min Scan# 41

Delta R.T. -0.000 min

Lab File: VR026751.D

Acq: 21 Aug 2025 11:04

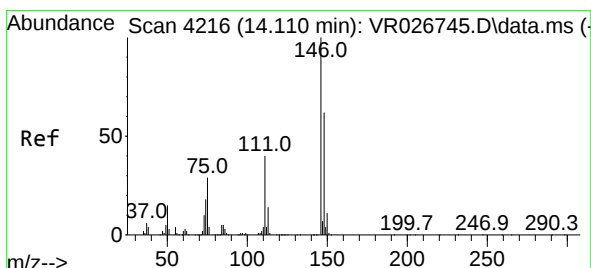
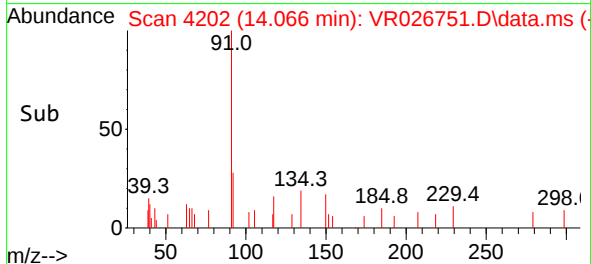
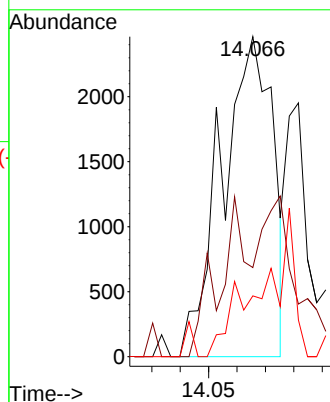
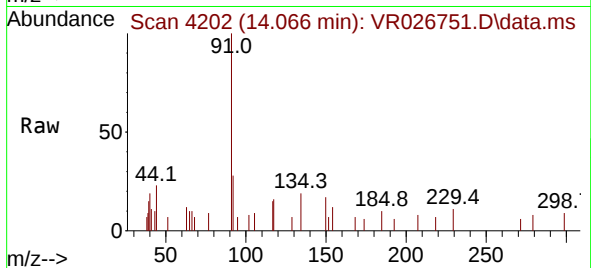
Instrument :

MSVOA_R

ClientSampleId :

VR0821WBL01

Tgt Ion: 91	Resp:	3096
Ion Ratio	Lower	Upper
91	100	
92	28.8	27.7 83.0
134	0.0	13.5 40.5#



#90

1,2-Dichlorobenzene

Concen: 0.065 ug/l

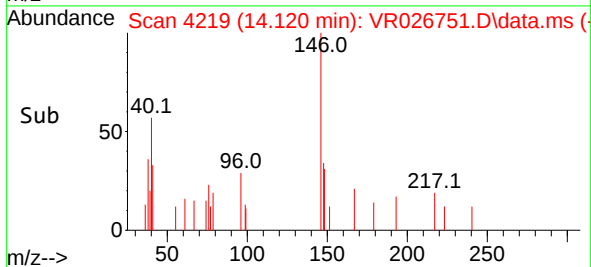
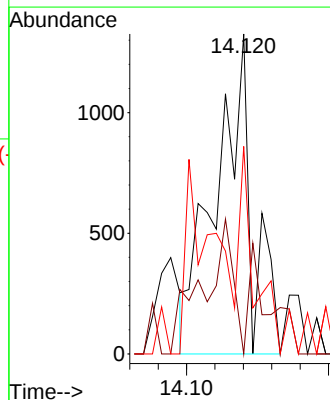
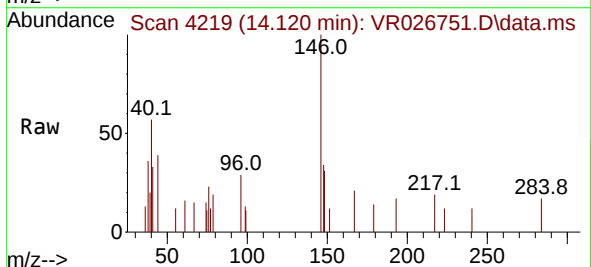
RT: 14.120 min Scan# 4219

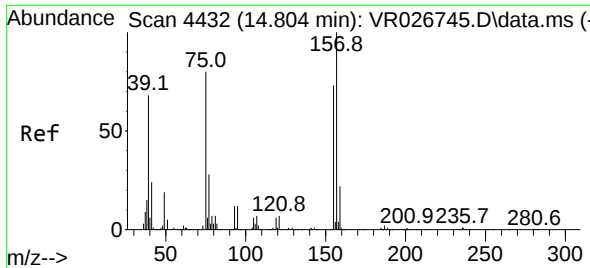
Delta R.T. 0.010 min

Lab File: VR026751.D

Acq: 21 Aug 2025 11:04

Tgt Ion: 146	Resp:	1174
Ion Ratio	Lower	Upper
146	100	
111	35.1	19.9 59.7
148	29.3	31.5 94.5#

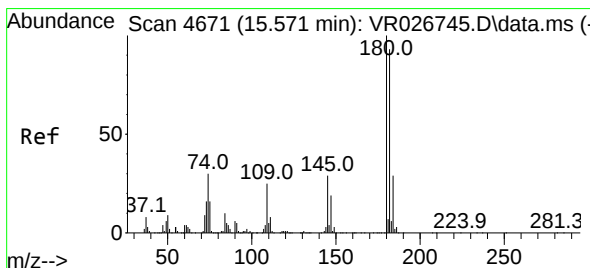
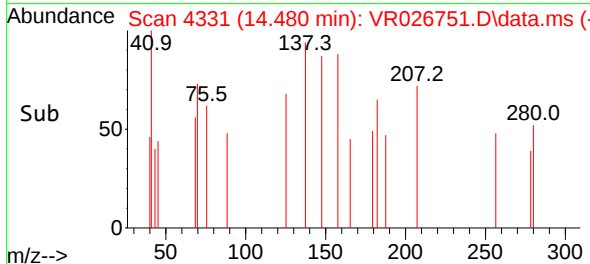
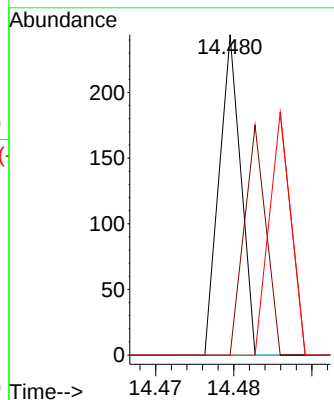
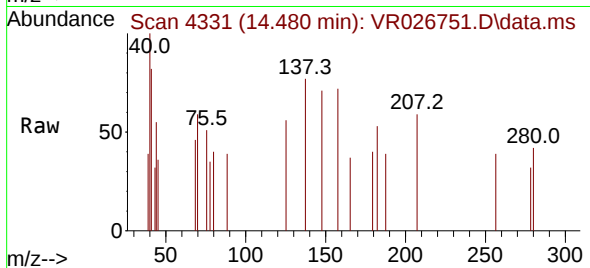




#91
 1,2-Dibromo-3-Chloropropane
 Concen: 0.025 ug/l
 RT: 14.480 min Scan# 41
 Delta R.T. -0.324 min
 Lab File: VR026751.D
 Acq: 21 Aug 2025 11:04

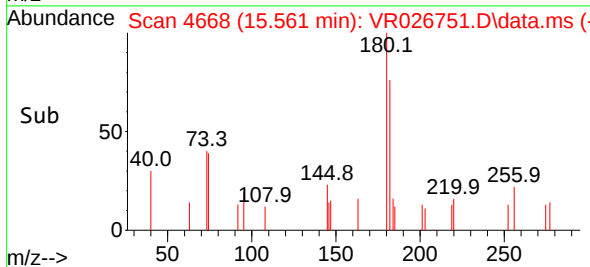
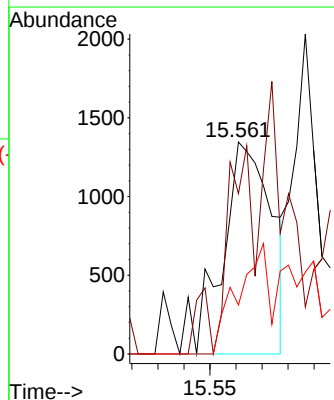
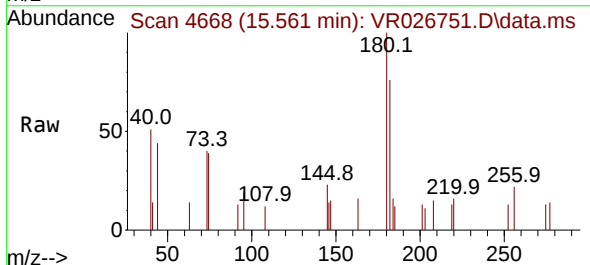
Instrument :
 MSVOA_R
 ClientSampleId :
 VR0821WBL01

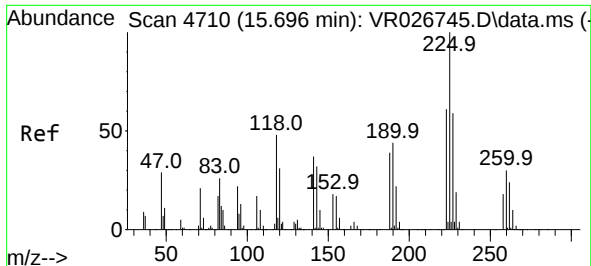
Tgt Ion: 75 Resp: 47
 Ion Ratio Lower Upper
 75 100
 155 72.3 48.4 145.3
 157 76.6 62.3 186.8



#92
 1,2,4-Trichlorobenzene
 Concen: 0.151 ug/l
 RT: 15.561 min Scan# 4668
 Delta R.T. -0.010 min
 Lab File: VR026751.D
 Acq: 21 Aug 2025 11:04

Tgt Ion: 180 Resp: 1791
 Ion Ratio Lower Upper
 180 100
 182 54.6 47.1 141.4
 145 0.0 14.4 43.4#

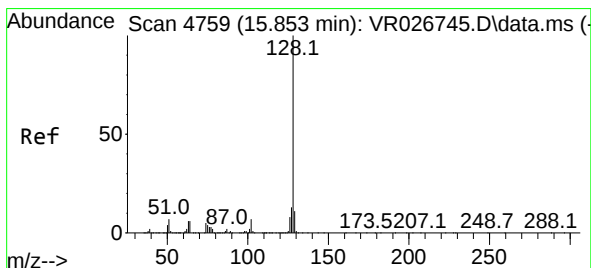
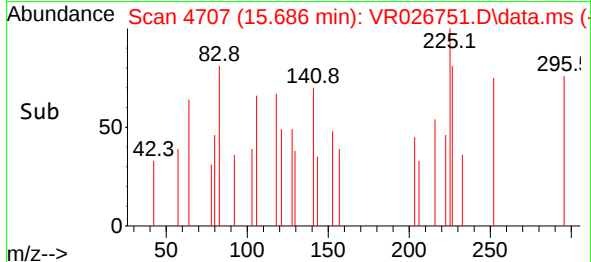
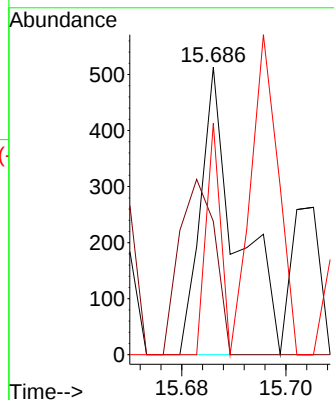
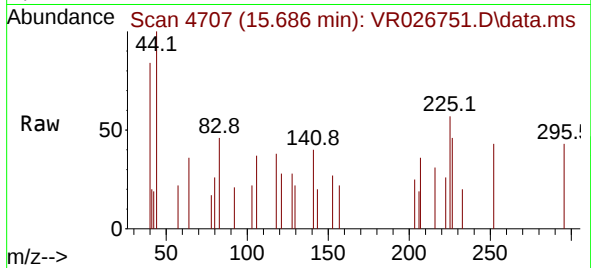




#93
Hexachlorobutadiene
Concen: 0.064 ug/l
RT: 15.686 min Scan# 4710
Delta R.T. -0.010 min
Lab File: VR026751.D
Acq: 21 Aug 2025 11:04

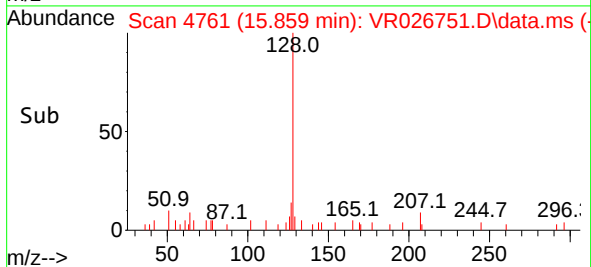
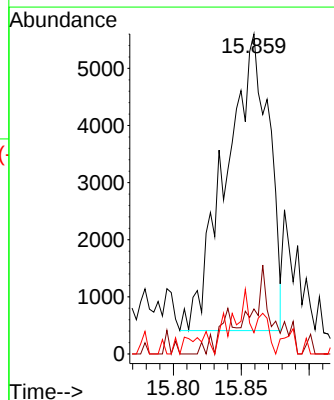
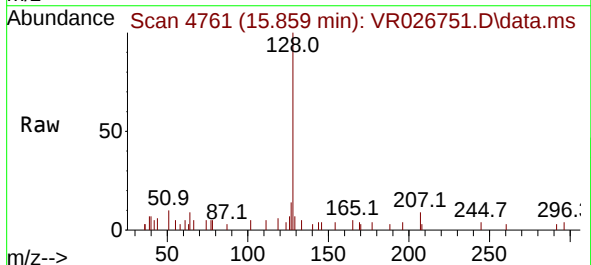
Instrument :
MSVOA_R
ClientSampleId :
VR0821WBL01

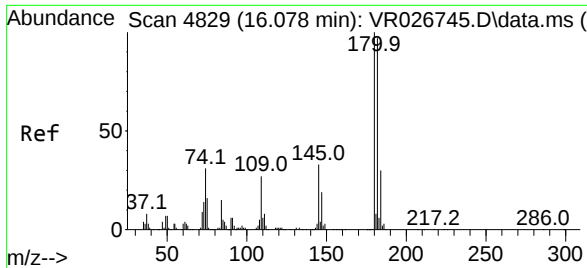
Tgt Ion:225	Resp:	249
Ion Ratio	Lower	Upper
225	100	
223	59.8	31.5 94.5
227	32.1	31.3 93.8



#94
Naphthalene
Concen: 0.339 ug/l
RT: 15.859 min Scan# 4761
Delta R.T. 0.006 min
Lab File: VR026751.D
Acq: 21 Aug 2025 11:04

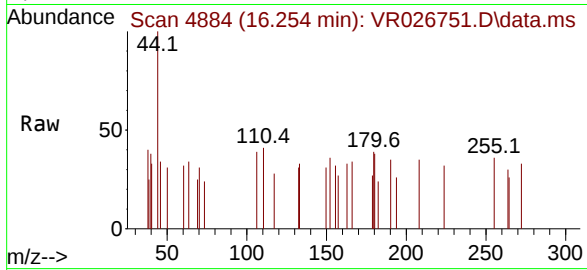
Tgt Ion:128	Resp:	11461
Ion Ratio	Lower	Upper
128	100	
127	6.9	10.0 15.0#
129	3.6	8.7 13.1#





#95
 1,2,3-Trichlorobenzene
 Concen: 0.008 ug/l
 RT: 16.254 min Scan# 4884
 Delta R.T. 0.176 min
 Lab File: VR026751.D
 Acq: 21 Aug 2025 11:04

Instrument :
 MSVOA_R
 ClientSampleId :
 VR0821WBL01



Tgt Ion:	180	Resp:	92
Ion	Ratio	Lower	Upper
180	100		
182	64.1	47.5	142.6
145	42.4	15.6	46.8

