

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR080725\
 Data File : VR026727.D
 Acq On : 7 Aug 2025 14:54
 Operator : SY/MD
 Sample : VR0807WBSD01
 Misc : 5mL/MSVOA_R/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VR0807WBSD01

Quant Time: Aug 08 01:41:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_R\methods\82R080425W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 05 02:27:49 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.292	168	367669	50.000	ug/l	-0.01
33) 1,4-Difluorobenzene	8.318	114	625094	50.000	ug/l	-0.01
62) Chlorobenzene-d5	11.531	117	512673	50.000	ug/l	-0.01
71) 1,4-Dichlorobenzene-d4	13.735	152	251005	50.000	ug/l	-0.01

System Monitoring Compounds						
32) 1,2-Dichloroethane-d4	7.680	65	231642	49.778	ug/l	-0.02
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.560%
34) Dibromofluoromethane	7.195	113	194707	50.361	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.720%
49) Toluene-d8	10.026	98	780639	56.358	ug/l	-0.01
Spiked Amount	50.000	Range	86 - 113	Recovery	=	112.720%
61) 4-Bromofluorobenzene	12.670	95	216465	54.944	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	109.880%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.660	85	48694	18.172	ug/l 80
3) Chloromethane	1.840	50	75065	18.845	ug/l 95
4) Vinyl Chloride	1.955	62	84114	20.665	ug/l 90
5) Bromomethane	2.302	94	42072	21.212	ug/l 82
6) Chloroethane	2.420	64	53760	20.513	ug/l # 88
7) Trichlorofluoromethane	2.706	101	181702	24.767	ug/l 98
8) Diethyl Ether	3.072	74	59796	18.370	ug/l 97
9) 1,1,2-Trichlorotrifluo...	3.374	101	69363	17.526	ug/l 93
10) Methyl Iodide	3.537	142	63797	16.702	ug/l 97
11) Tert butyl alcohol	4.320	59	60566	83.187	ug/l # 80
12) 1,1-Dichloroethene	3.348	96	65163	16.661	ug/l 96
13) Acrolein	3.236	56	110861	104.164	ug/l 98
14) Allyl chloride	3.877	41	114396	14.867	ug/l 93
15) Acrylonitrile	4.468	53	283507	98.095	ug/l 97
16) Acetone	3.434	43	218199	99.905	ug/l 89
17) Carbon Disulfide	3.633	76	73845	12.755	ug/l 98
18) Methyl Acetate	3.887	43	196713	21.580	ug/l 99
19) Methyl tert-butyl Ether	4.538	73	261281	16.693	ug/l 97
20) Methylene Chloride	4.073	84	91928	17.736	ug/l 91
21) trans-1,2-Dichloroethene	4.526	96	72144	16.780	ug/l 97
22) Diisopropyl ether	5.453	45	329443	18.271	ug/l # 93
23) Vinyl Acetate	5.379	43	993787	96.665	ug/l # 92
24) 1,1-Dichloroethane	5.321	63	157447	17.243	ug/l 99
25) 2-Butanone	6.367	43	354738	104.937	ug/l 97
26) 2,2-Dichloropropane	6.342	77	53342	8.450	ug/l 89
27) cis-1,2-Dichloroethene	6.335	96	94078	17.008	ug/l 99
28) Bromochloromethane	6.733	49	57221	17.391	ug/l 98
29) Chloroform	6.948	83	142279	17.988	ug/l 90
30) Cyclohexane	7.266	56	110701	15.012	ug/l # 95
31) 1,1,1-Trichloroethane	7.163	97	97578	17.078	ug/l 95
35) 1,1-Dichloropropene	7.417	75	93707	19.212	ug/l # 76
36) Ethyl Acetate	6.464	43	118652	20.320	ug/l # 90
37) Carbon Tetrachloride	7.404	117	72197	18.175	ug/l 96
38) Methylcyclohexane	8.880	83	100779	18.051	ug/l 93
39) Benzene	7.693	78	335961	19.127	ug/l 99
40) Methacrylonitrile	6.708	41	45771	12.613	ug/l # 62

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) 1,2-Dichloroethane	7.783	62	91973	20.587	ug/l	98
42) Isopropyl Acetate	7.866	43	186631	19.878	ug/l #	83
43) Trichloroethene	8.601	130	69439	20.557	ug/l	86
44) 1,2-Dichloropropane	8.912	63	81997	19.727	ug/l	93
45) Dibromomethane	9.015	93	49289	21.322	ug/l	94
46) Bromodichloromethane	9.239	83	91576	20.446	ug/l	93
47) Methyl methacrylate	9.024	41	90670	22.065	ug/l	96
48) 1,4-Dioxane	9.024	88	32678	493.674	ug/l #	87
50) 4-Methyl-2-Pentanone	9.913	43	613571	125.173	ug/l	96
51) Toluene	10.103	92	196517	21.917	ug/l	96
52) t-1,3-Dichloropropene	10.359	75	80164	18.261	ug/l	98
53) cis-1,3-Dichloropropene	9.740	75	98623	18.730	ug/l #	89
54) 1,1,2-Trichloroethane	10.565	97	75336	23.006	ug/l	95
55) Ethyl methacrylate	10.430	69	118732	21.956	ug/l	97
56) 1,3-Dichloropropane	10.728	76	129721	23.257	ug/l	99
57) 2-Chloroethyl Vinyl ether	9.583	63	43501	145.565	ug/l	100
58) 2-Hexanone	10.793	43	416884	126.157	ug/l	99
59) Dibromochloromethane	10.953	129	60569	21.856	ug/l	100
60) 1,2-Dibromoethane	11.062	107	65437	23.219	ug/l	99
63) Tetrachloroethene	10.645	164	54543	19.475	ug/l	85
64) Chlorobenzene	11.559	112	215980	20.243	ug/l	90
65) 1,1,1,2-Tetrachloroethane	11.646	131	57122	19.601	ug/l	100
66) Ethyl Benzene	11.653	91	343171	19.263	ug/l	98
67) m/p-Xylenes	11.778	106	275252	38.672	ug/l	100
68) o-Xylene	12.153	106	135612	19.628	ug/l	97
69) Styrene	12.172	104	233181	20.196	ug/l	97
70) Bromoform	12.346	173	32455	19.678	ug/l #	97
72) Isopropylbenzene	12.493	105	329719	18.430	ug/l	99
73) N-amyl acetate	12.294	43	129437	18.247	ug/l	98
74) 1,1,2,2-Tetrachloroethane	12.782	83	112184	21.372	ug/l	97
75) 1,2,3-Trichloropropane	12.840	75	112932	27.143	ug/l #	100
76) Bromobenzene	12.808	156	80312	19.398	ug/l	93
77) n-propylbenzene	12.885	91	409878	19.203	ug/l	100
78) 2-Chlorotoluene	12.978	91	224095	18.505	ug/l	97
79) 1,3,5-Trimethylbenzene	13.042	105	262900	18.792	ug/l	99
80) trans-1,4-Dichloro-2-b...	12.551	75	23491	16.444	ug/l #	69
81) 4-Chlorotoluene	13.087	91	229654	18.564	ug/l	95
82) tert-Butylbenzene	13.344	119	246531	19.374	ug/l	95
83) 1,2,4-Trimethylbenzene	13.392	105	261963	18.917	ug/l	98
84) sec-Butylbenzene	13.546	105	365699	19.379	ug/l	99
85) p-Isopropyltoluene	13.674	119	296371	19.261	ug/l	99
86) 1,3-Dichlorobenzene	13.671	146	163314	20.120	ug/l	97
87) 1,4-Dichlorobenzene	13.758	146	163876	20.115	ug/l	97
88) n-Butylbenzene	14.043	91	274063	19.325	ug/l	98
89) Hexachloroethane	14.345	117	36747	16.631	ug/l	91
90) 1,2-Dichlorobenzene	14.088	146	162978	21.378	ug/l	95
91) 1,2-Dibromo-3-Chloropr...	14.788	75	13658	19.540	ug/l	91
92) 1,2,4-Trichlorobenzene	15.548	180	93998	20.620	ug/l	99
93) Hexachlorobutadiene	15.676	225	28519	19.255	ug/l	96
94) Naphthalene	15.831	128	311020	22.264	ug/l	98
95) 1,2,3-Trichlorobenzene	16.052	180	95315	22.024	ug/l	98

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ClientSampleId :
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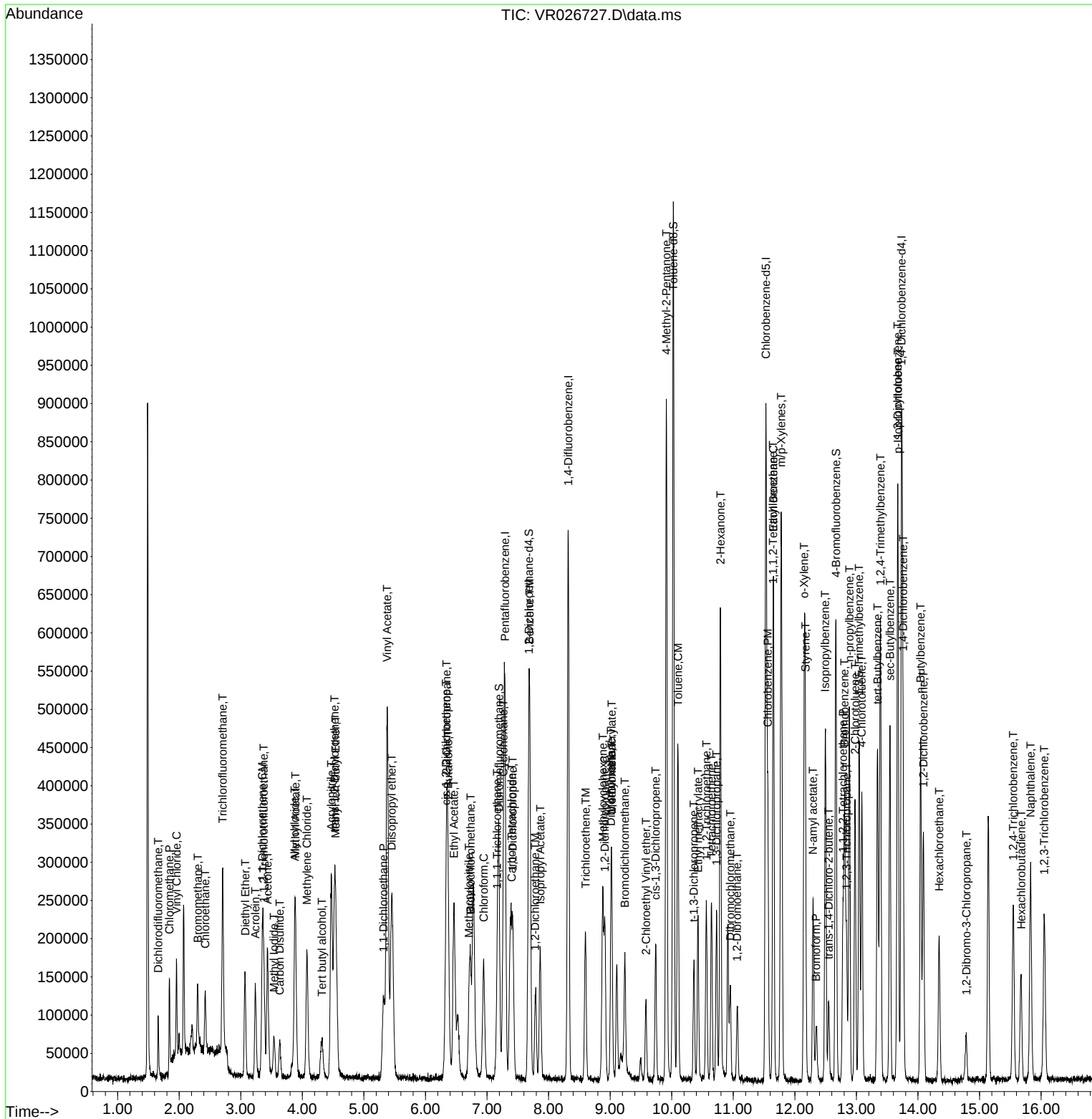
Quant Time: Aug 08 01:41:28 2025
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Quant Title : SW846 8260
QLast Update : Tue Aug 05 02:27:49 2025
Response via : Initial Calibration

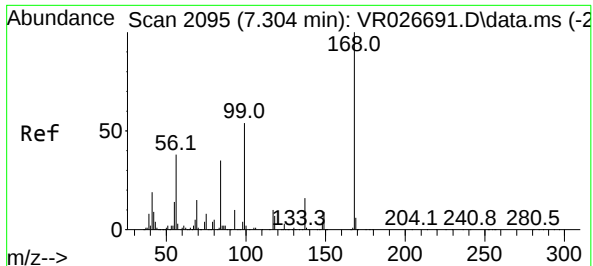
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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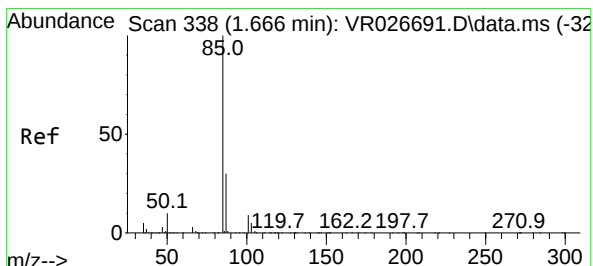
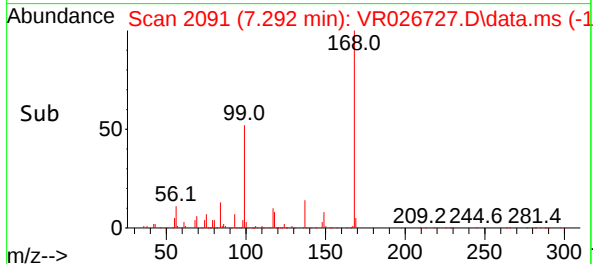
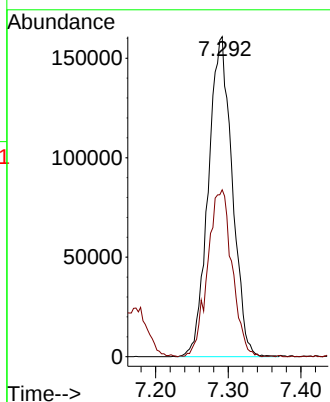
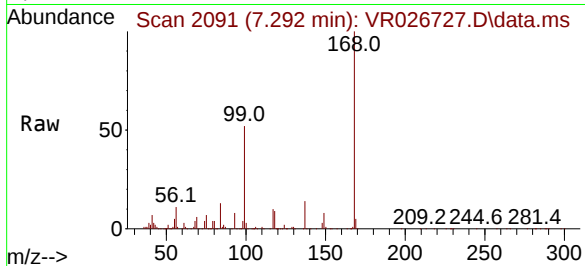




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.292 min Scan# 2095
Delta R.T. -0.012 min
Lab File: VR026727.D
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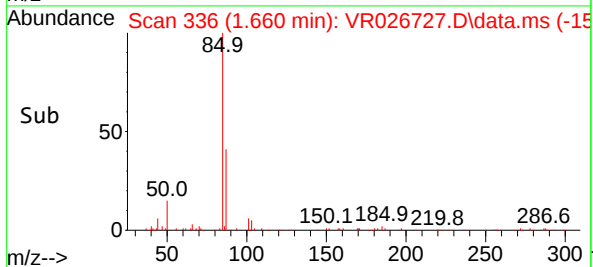
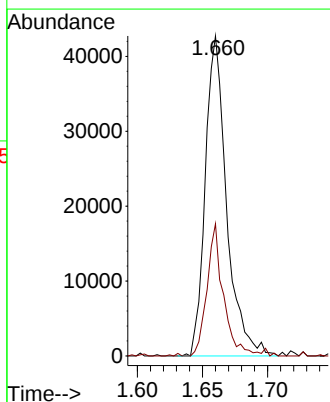
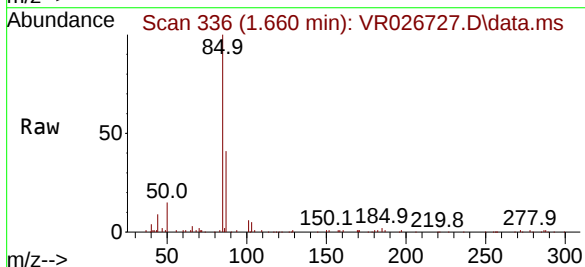
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ClientSampleId :
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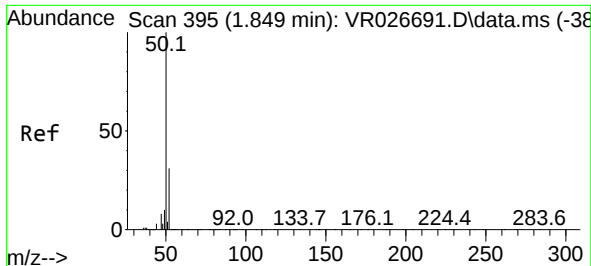
Tgt Ion:168 Resp: 367669
Ion Ratio Lower Upper
168 100
99 52.2 43.8 65.8



#2
Dichlorodifluoromethane
Concen: 18.172 ug/l
RT: 1.660 min Scan# 336
Delta R.T. -0.006 min
Lab File: VR026727.D
Acq: 7 Aug 2025 14:54

Tgt Ion: 85 Resp: 48694
Ion Ratio Lower Upper
85 100
87 41.3 15.2 45.5

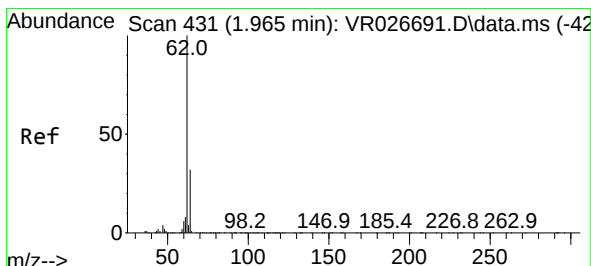
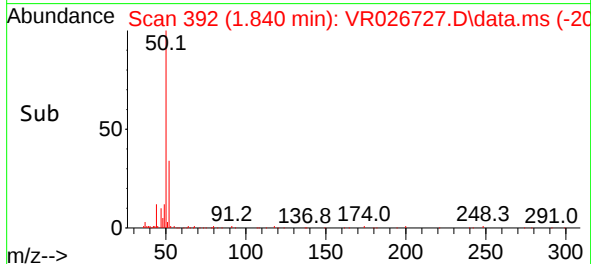
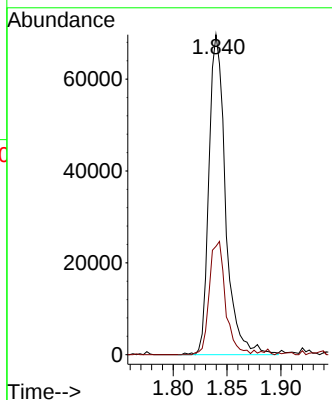
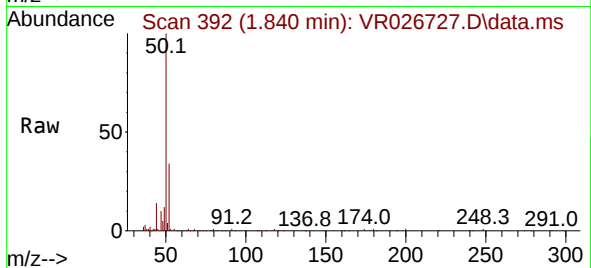




#3
Chloromethane
Concen: 18.845 ug/l
RT: 1.840 min Scan# 395
Delta R.T. -0.010 min
Lab File: VR026727.D
Acq: 7 Aug 2025 14:54

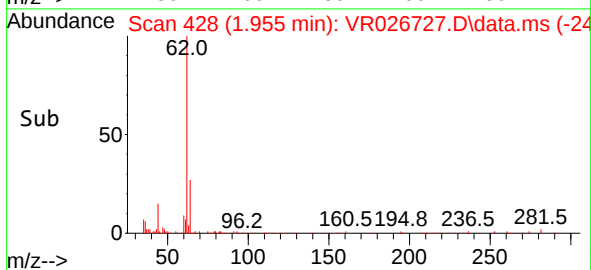
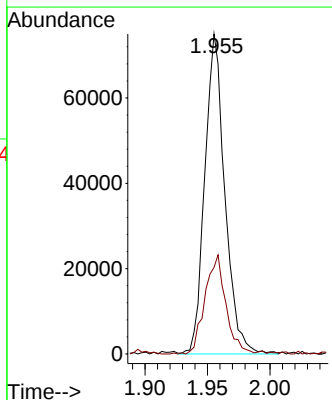
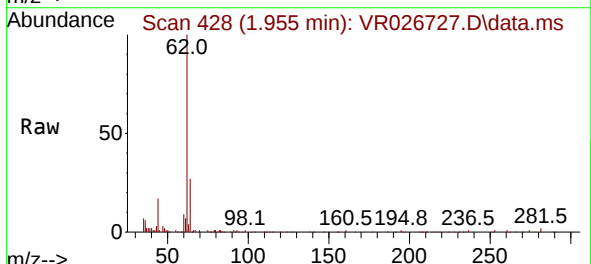
Instrument :
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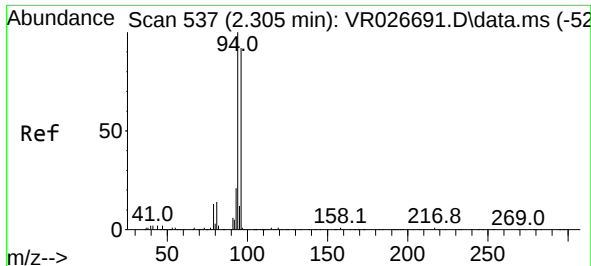
Tgt Ion: 50 Resp: 75065
Ion Ratio Lower Upper
50 100
52 33.9 25.0 37.4



#4
Vinyl Chloride
Concen: 20.665 ug/l
RT: 1.955 min Scan# 428
Delta R.T. -0.010 min
Lab File: VR026727.D
Acq: 7 Aug 2025 14:54

Tgt Ion: 62 Resp: 84114
Ion Ratio Lower Upper
62 100
64 27.1 25.9 38.9

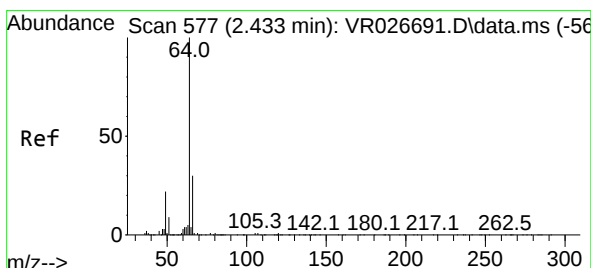
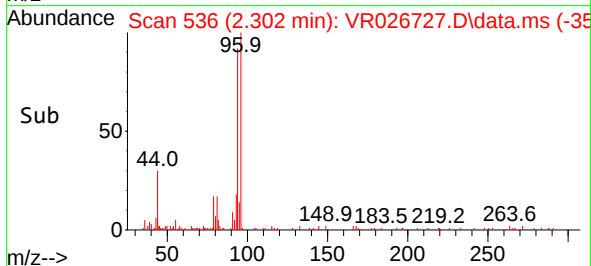
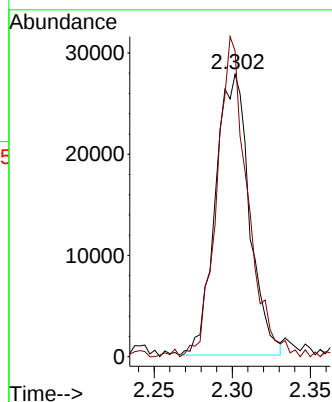
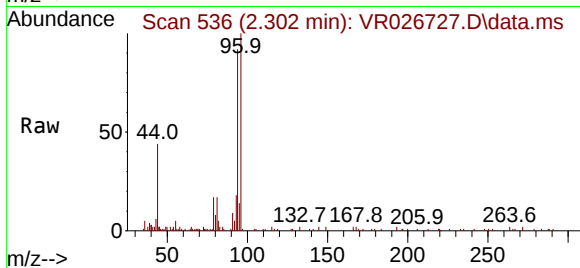




#5
Bromomethane
Concen: 21.212 ug/l
RT: 2.302 min Scan# 51
Delta R.T. -0.003 min
Lab File: VR026727.D
Acq: 7 Aug 2025 14:54

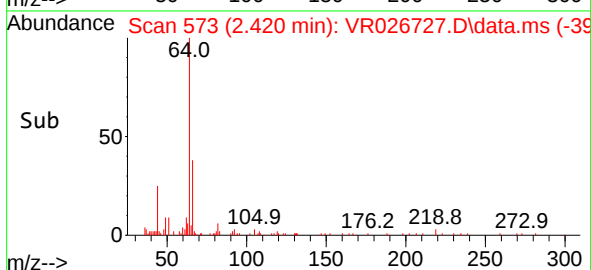
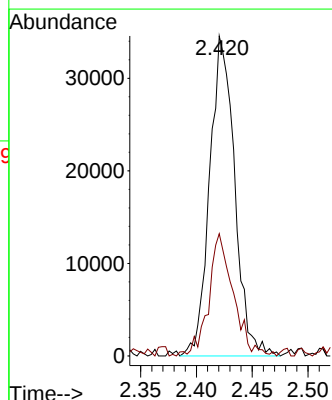
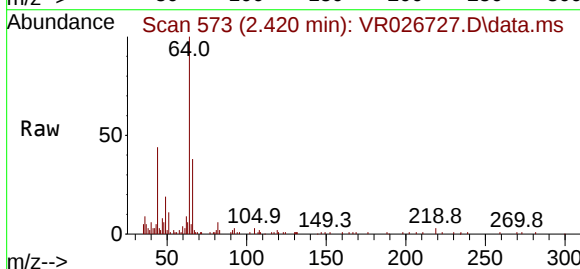
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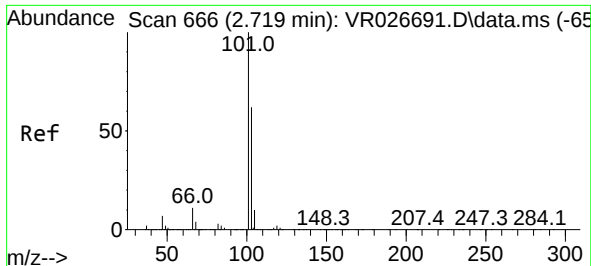
Tgt Ion: 94 Resp: 42072
Ion Ratio Lower Upper
94 100
96 108.9 73.3 109.9



#6
Chloroethane
Concen: 20.513 ug/l
RT: 2.420 min Scan# 573
Delta R.T. -0.013 min
Lab File: VR026727.D
Acq: 7 Aug 2025 14:54

Tgt Ion: 64 Resp: 53760
Ion Ratio Lower Upper
64 100
66 37.1 24.3 36.5#

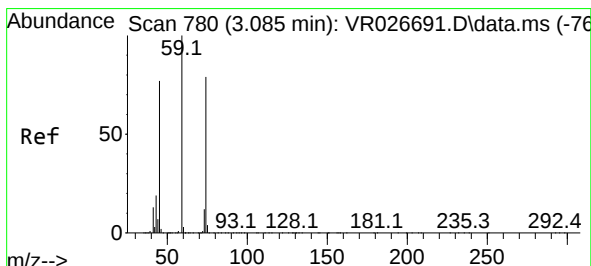
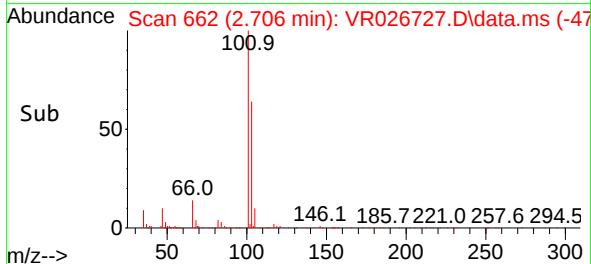
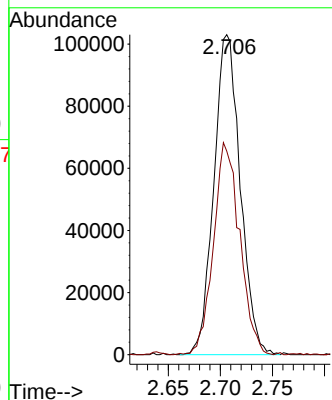
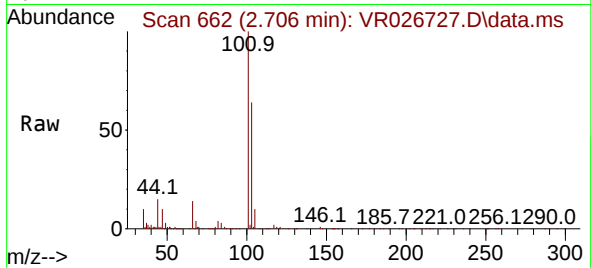




#7
 Trichlorofluoromethane
 Concen: 24.767 ug/l
 RT: 2.706 min Scan# 611
 Delta R.T. -0.013 min
 Lab File: VR026727.D
 Acq: 7 Aug 2025 14:54

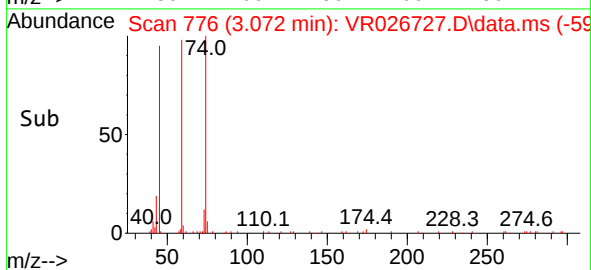
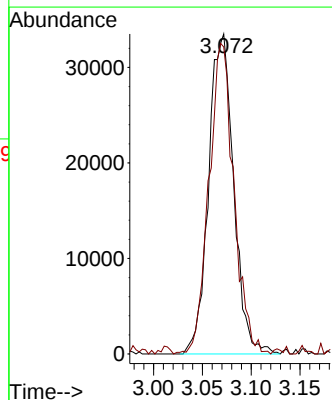
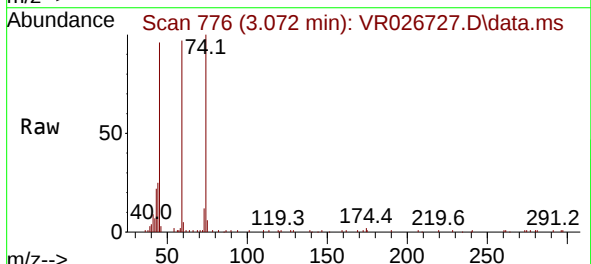
Instrument :
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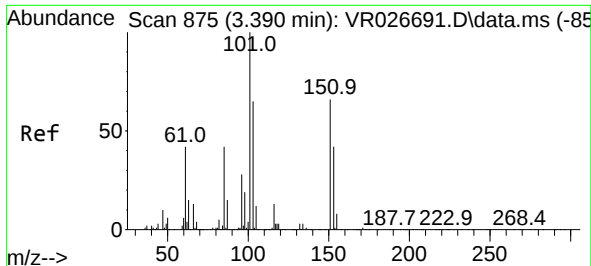
Tgt Ion:101 Resp: 181702
 Ion Ratio Lower Upper
 101 100
 103 63.2 49.4 74.2



#8
 Diethyl Ether
 Concen: 18.370 ug/l
 RT: 3.072 min Scan# 776
 Delta R.T. -0.013 min
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Tgt Ion: 74 Resp: 59796
 Ion Ratio Lower Upper
 74 100
 45 96.6 47.1 141.3

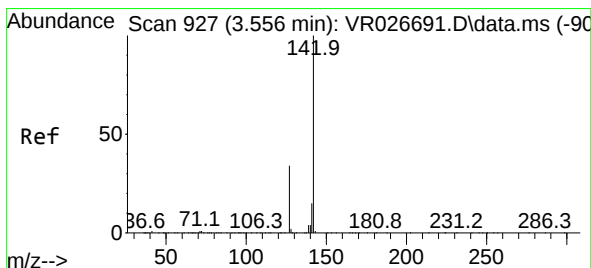
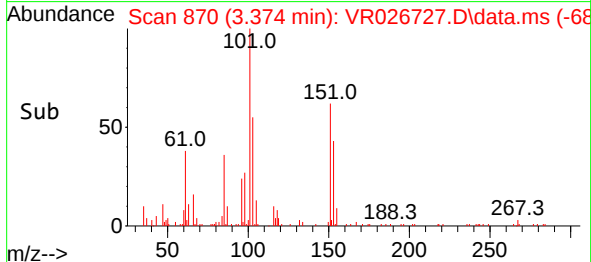
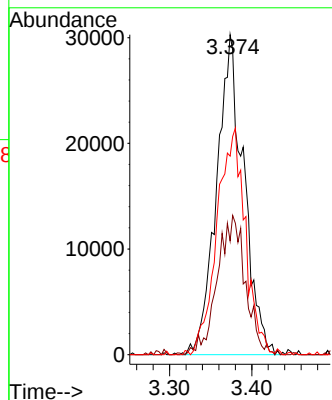
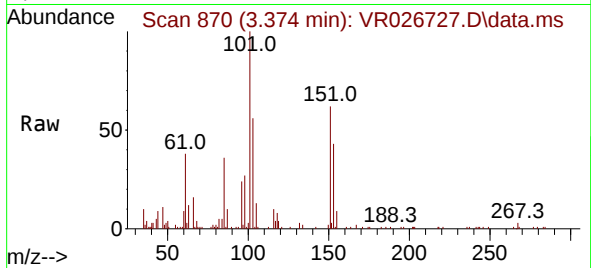




#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.526 ug/l
RT: 3.374 min Scan# 875
Delta R.T. -0.016 min
Lab File: VR026727.D
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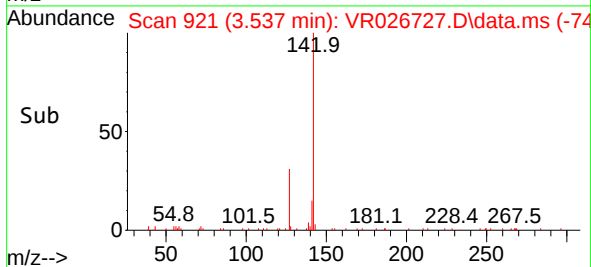
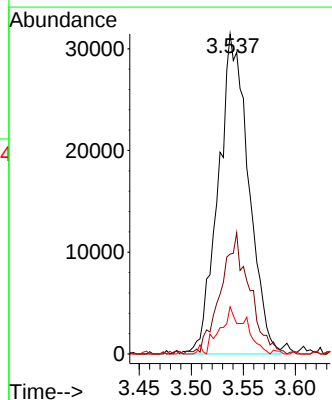
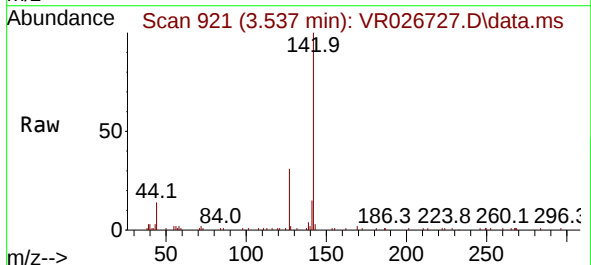
Instrument :
MSVOA_R
ClientSampleId :
VR0807WBSD01

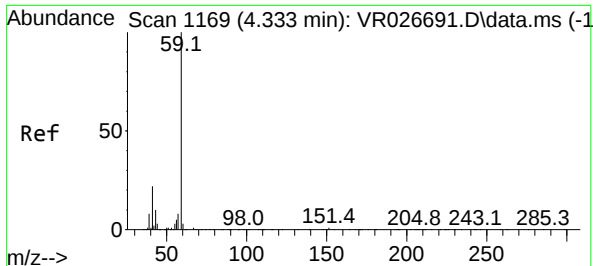
Tgt Ion:101 Resp: 69363
Ion Ratio Lower Upper
101 100
85 44.9 34.5 51.7
151 73.9 53.4 80.0



#10
Methyl Iodide
Concen: 16.702 ug/l
RT: 3.537 min Scan# 921
Delta R.T. -0.019 min
Lab File: VR026727.D
Acq: 7 Aug 2025 14:54

Tgt Ion:142 Resp: 63797
Ion Ratio Lower Upper
142 100
127 36.0 30.1 45.1
141 12.2 10.8 16.2

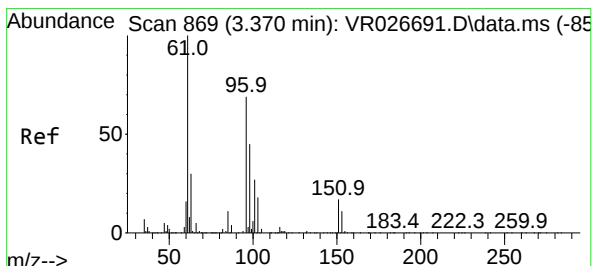
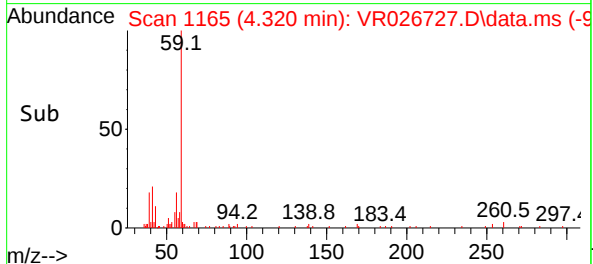
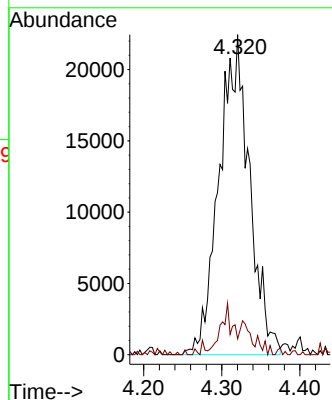
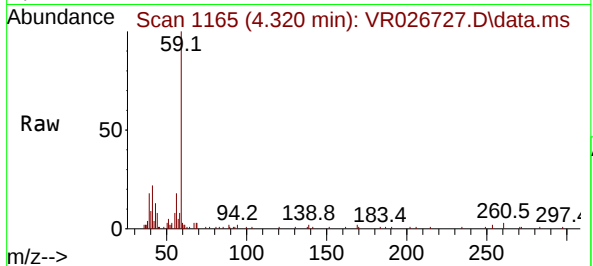




#11
Tert butyl alcohol
Concen: 83.187 ug/l
RT: 4.320 min Scan# 1165
Delta R.T. -0.013 min
Lab File: VR026727.D
Acq: 7 Aug 2025 14:54

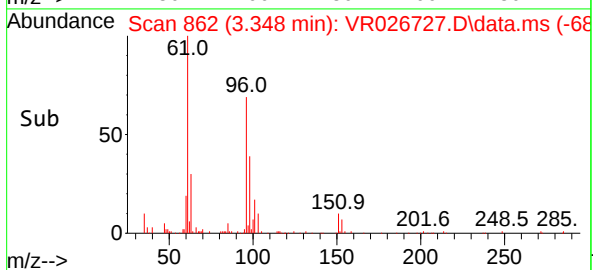
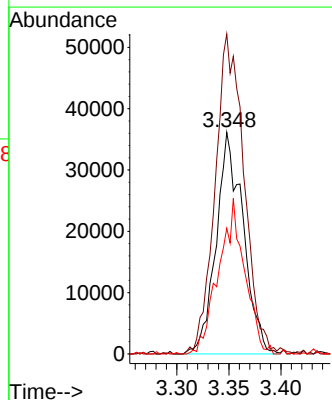
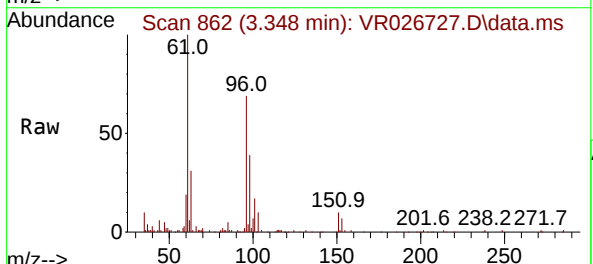
Instrument :
MSVOA_R
ClientSampleId :
VR0807WBSD01

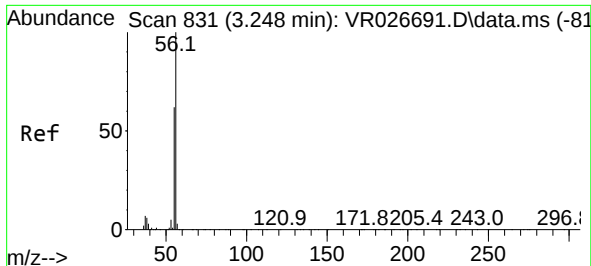
Tgt Ion: 59 Resp: 60566
Ion Ratio Lower Upper
59 100
57 2.3 7.7 11.5#



#12
1,1-Dichloroethene
Concen: 16.661 ug/l
RT: 3.348 min Scan# 862
Delta R.T. -0.022 min
Lab File: VR026727.D
Acq: 7 Aug 2025 14:54

Tgt Ion: 96 Resp: 65163
Ion Ratio Lower Upper
96 100
61 144.4 116.2 174.4
98 56.6 52.3 78.5

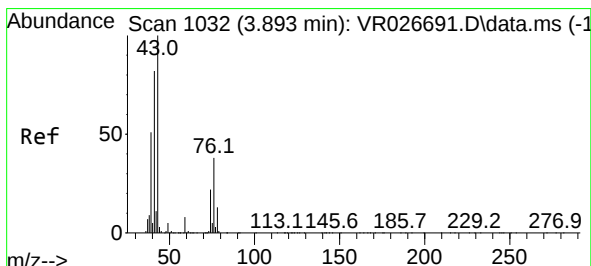
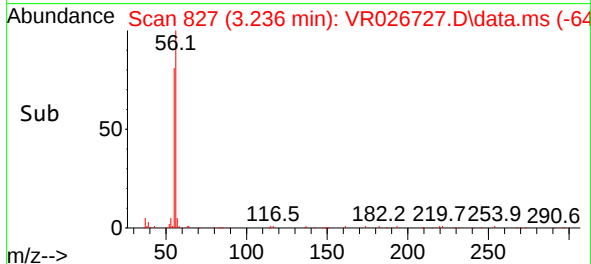
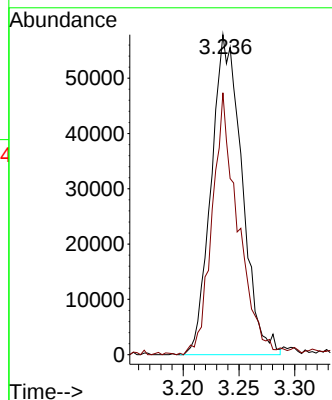
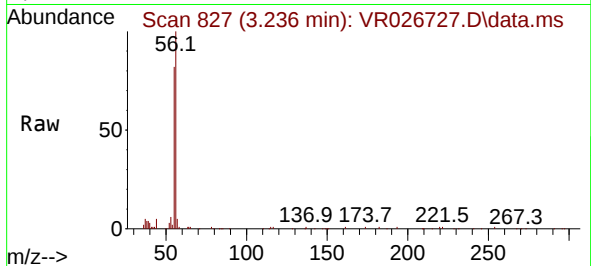




#13
Acrolein
Concen: 104.164 ug/l
RT: 3.236 min Scan# 81
Delta R.T. -0.013 min
Lab File: VR026727.D
Acq: 7 Aug 2025 14:54

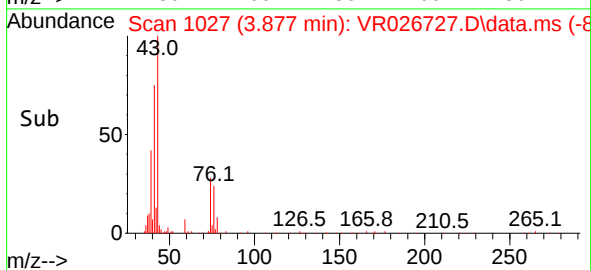
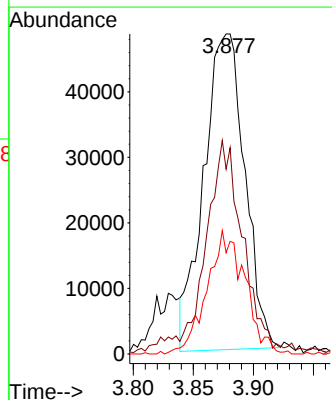
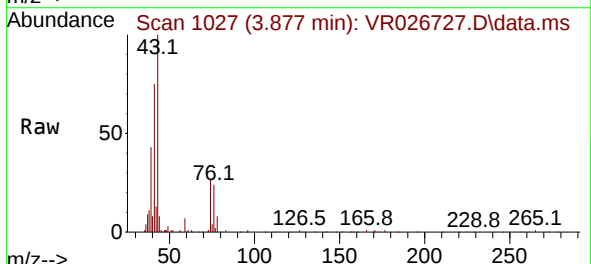
Instrument :
MSVOA_R
ClientSampleId :
VR0807WBSD01

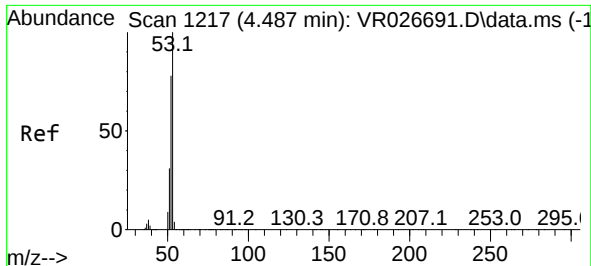
Tgt Ion: 56 Resp: 110861
Ion Ratio Lower Upper
56 100
55 68.6 53.8 80.8



#14
Allyl chloride
Concen: 14.867 ug/l
RT: 3.877 min Scan# 1027
Delta R.T. -0.016 min
Lab File: VR026727.D
Acq: 7 Aug 2025 14:54

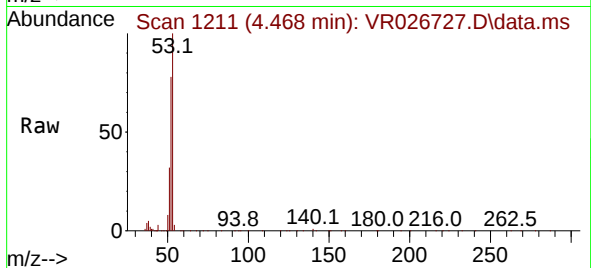
Tgt Ion: 41 Resp: 114396
Ion Ratio Lower Upper
41 100
39 61.3 44.2 66.2
76 36.1 31.0 46.4



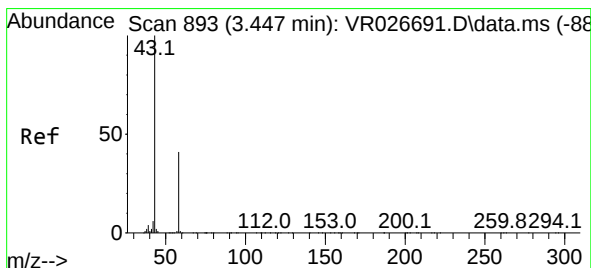
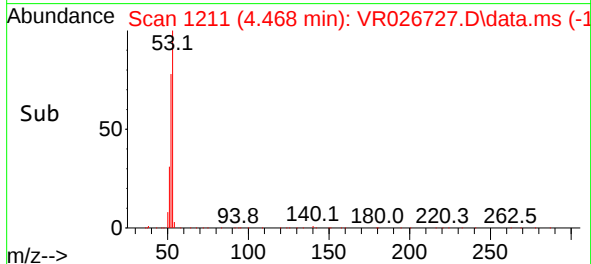
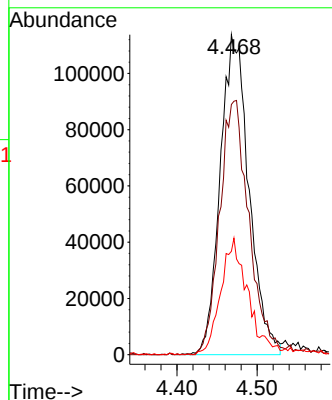


#15
Acrylonitrile
Concen: 98.095 ug/l
RT: 4.468 min Scan# 11
Delta R.T. -0.019 min
Lab File: VR026727.D
Acq: 7 Aug 2025 14:54

Instrument :
MSVOA_R
ClientSampleId :
VR0807WBSD01

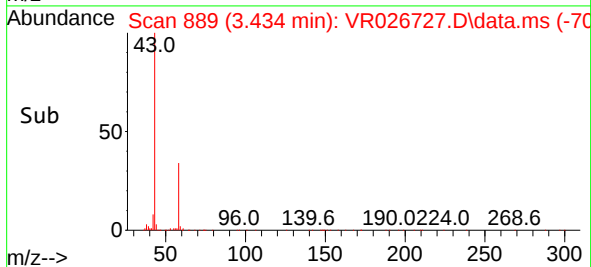
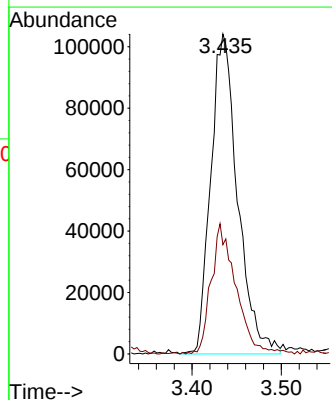
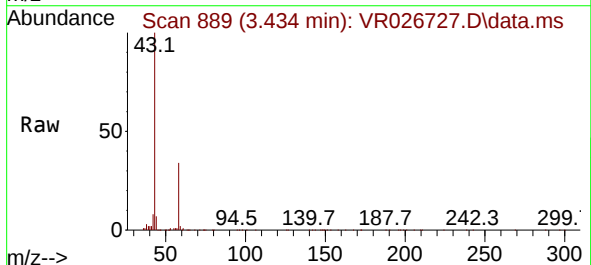


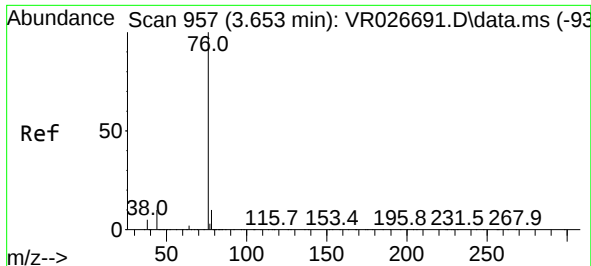
Tgt Ion: 53 Resp: 283507
Ion Ratio Lower Upper
53 100
52 80.8 61.4 92.2
51 31.9 25.8 38.6



#16
Acetone
Concen: 99.905 ug/l
RT: 3.434 min Scan# 889
Delta R.T. -0.013 min
Lab File: VR026727.D
Acq: 7 Aug 2025 14:54

Tgt Ion: 43 Resp: 218199
Ion Ratio Lower Upper
43 100
58 34.2 32.9 49.3

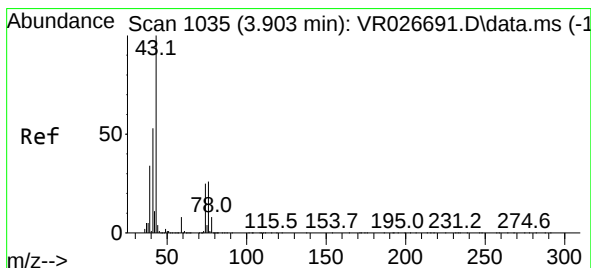
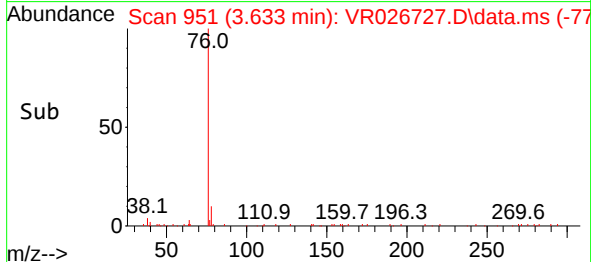
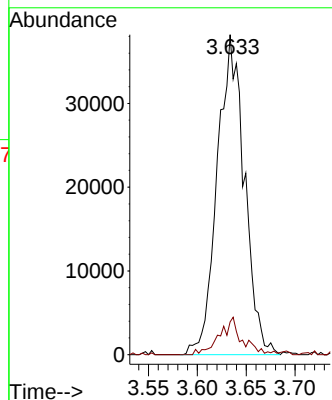
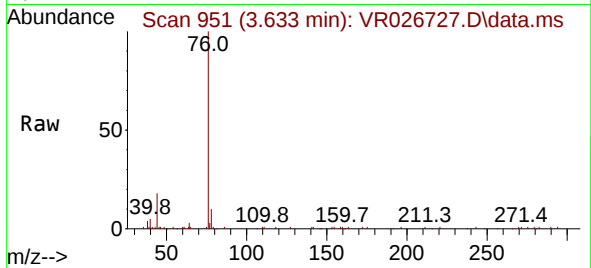




#17
Carbon Disulfide
Concen: 12.755 ug/l
RT: 3.633 min Scan# 91
Delta R.T. -0.019 min
Lab File: VR026727.D
Acq: 7 Aug 2025 14:54

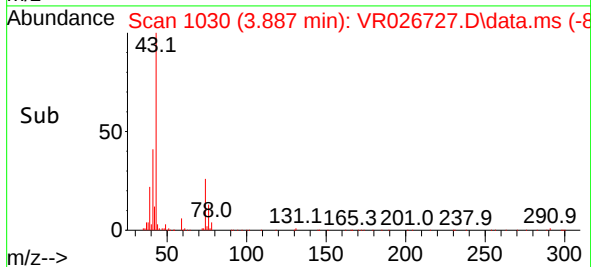
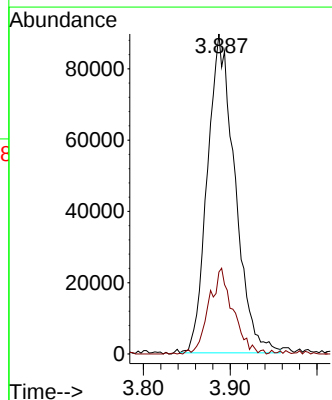
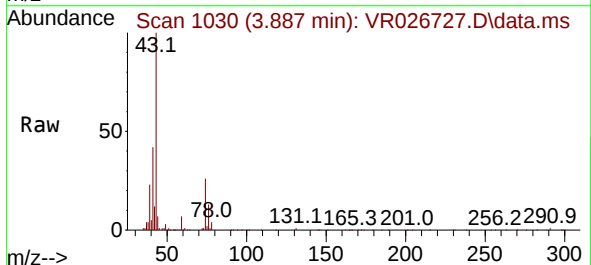
Instrument :
MSVOA_R
ClientSampleId :
VR0807WBSD01

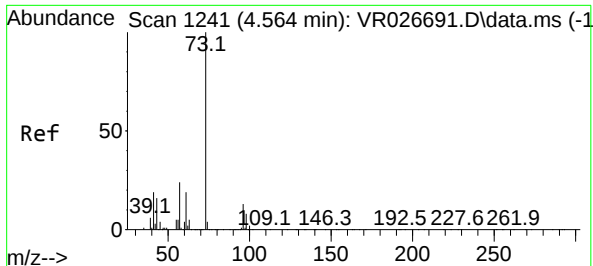
Tgt Ion: 76 Resp: 73845
Ion Ratio Lower Upper
76 100
78 10.3 7.8 11.6



#18
Methyl Acetate
Concen: 21.580 ug/l
RT: 3.887 min Scan# 1030
Delta R.T. -0.016 min
Lab File: VR026727.D
Acq: 7 Aug 2025 14:54

Tgt Ion: 43 Resp: 196713
Ion Ratio Lower Upper
43 100
74 23.6 19.4 29.0





#19

Methyl tert-butyl Ether

Concen: 16.693 ug/l

RT: 4.538 min Scan# 1

Delta R.T. -0.026 min

Lab File: VR026727.D

Acq: 7 Aug 2025 14:54

Instrument :

MSVOA_R

ClientSampleId :

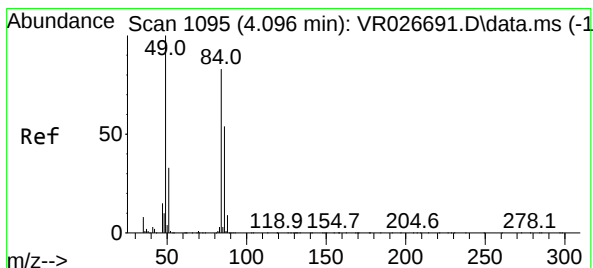
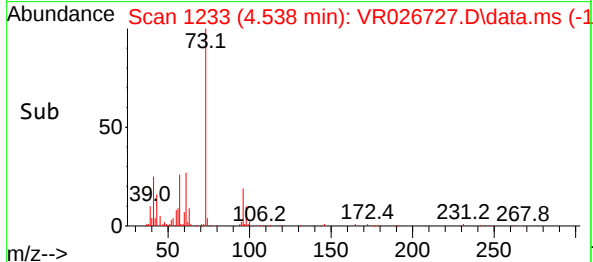
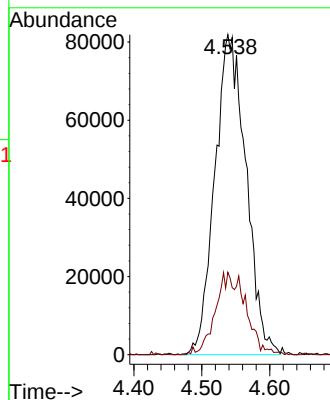
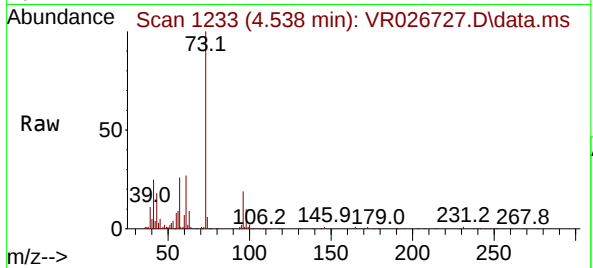
VR0807WBSD01

Tgt Ion: 73 Resp: 261281

Ion Ratio Lower Upper

73 100

57 25.8 19.4 29.0



#20

Methylene Chloride

Concen: 17.736 ug/l

RT: 4.073 min Scan# 1088

Delta R.T. -0.022 min

Lab File: VR026727.D

Acq: 7 Aug 2025 14:54

Tgt Ion: 84 Resp: 91928

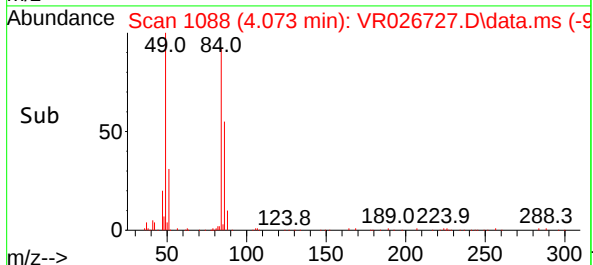
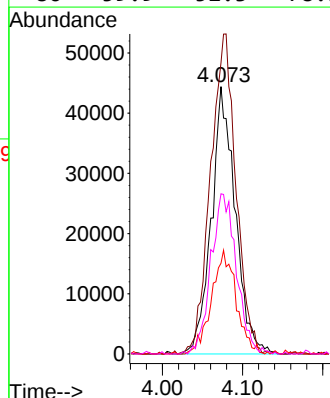
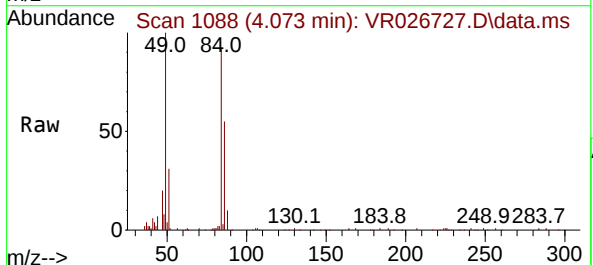
Ion Ratio Lower Upper

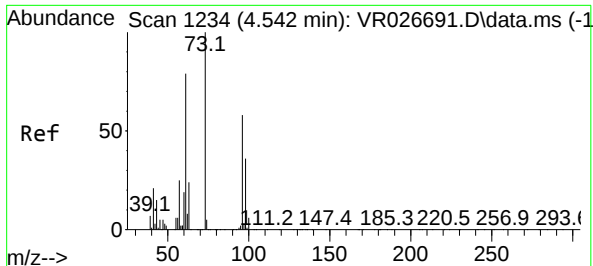
84 100

49 108.9 96.2 144.4

51 33.9 31.8 47.6

86 59.9 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 16.780 ug/l

RT: 4.526 min Scan# 1

Delta R.T. -0.016 min

Lab File: VR026727.D

Acq: 7 Aug 2025 14:54

Instrument :

MSVOA_R

ClientSampleId :

VR0807WBSD01

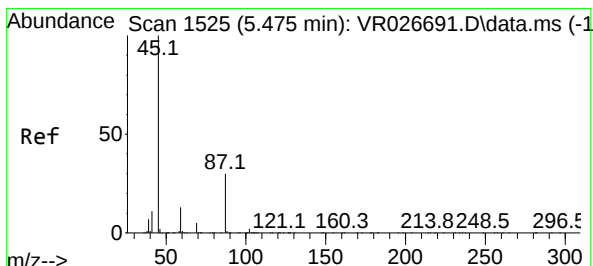
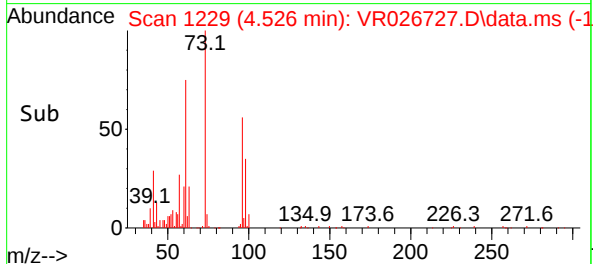
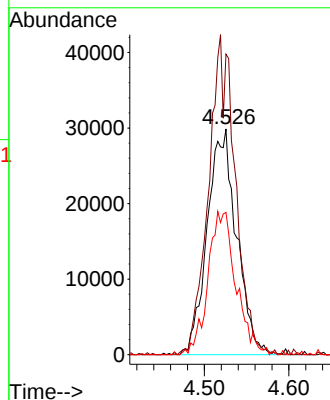
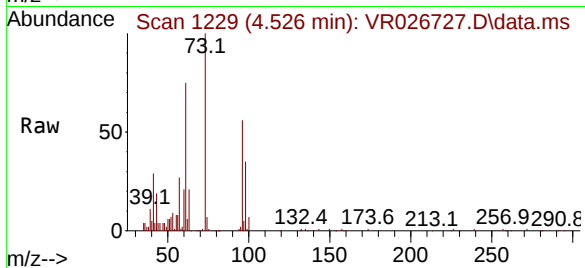
Tgt Ion: 96 Resp: 72144

Ion Ratio Lower Upper

96 100

61 132.5 110.3 165.5

98 63.0 50.2 75.4



#22

Diisopropyl ether

Concen: 18.271 ug/l

RT: 5.453 min Scan# 1518

Delta R.T. -0.022 min

Lab File: VR026727.D

Acq: 7 Aug 2025 14:54

Tgt Ion: 45 Resp: 329443

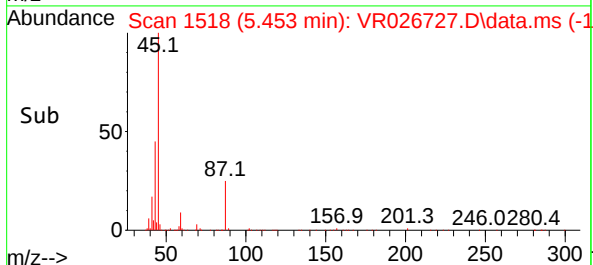
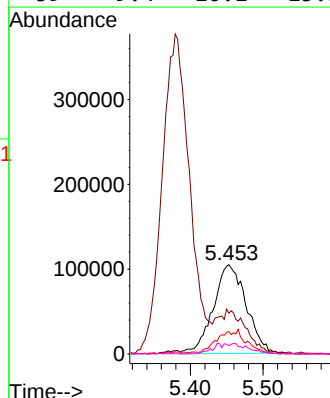
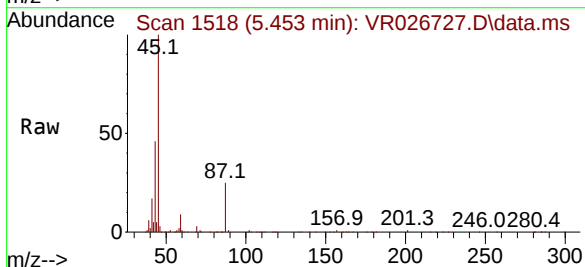
Ion Ratio Lower Upper

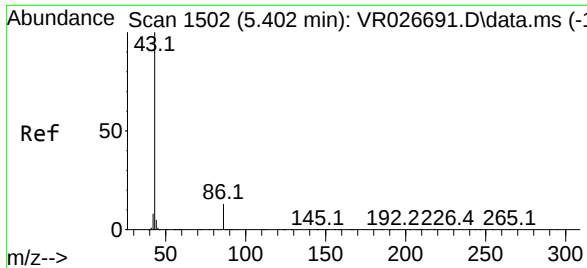
45 100

43 44.1 38.2 57.2

87 25.4 24.0 36.0

59 9.4 10.1 15.1#





#23

Vinyl Acetate

Concen: 96.665 ug/l

RT: 5.379 min Scan# 1495

Delta R.T. -0.022 min

Lab File: VR026727.D

Acq: 7 Aug 2025 14:54

Instrument :

MSVOA_R

ClientSampleId :

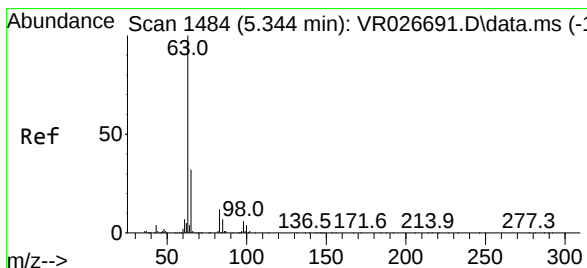
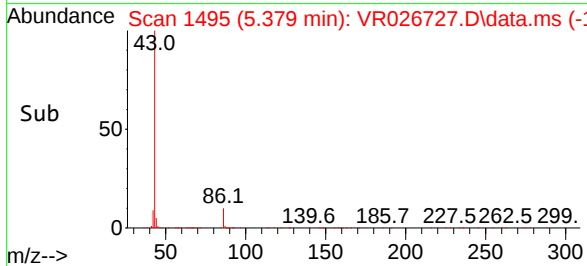
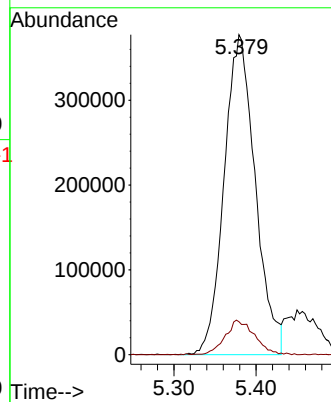
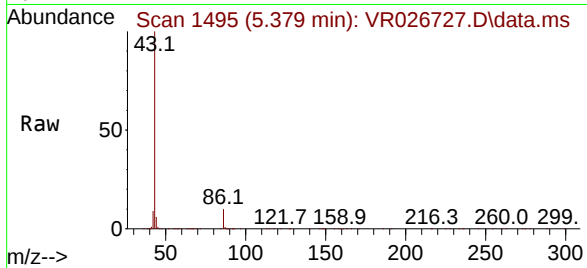
VR0807WBSD01

Tgt Ion: 43 Resp: 993787

Ion Ratio Lower Upper

43 100

86 10.2 10.7 16.1#



#24

1,1-Dichloroethane

Concen: 17.243 ug/l

RT: 5.321 min Scan# 1477

Delta R.T. -0.022 min

Lab File: VR026727.D

Acq: 7 Aug 2025 14:54

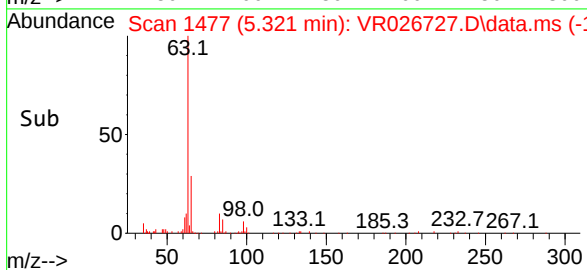
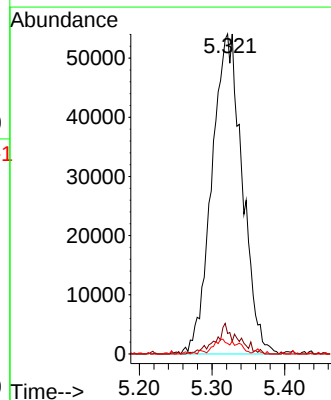
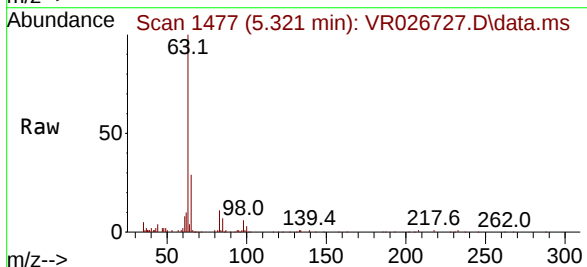
Tgt Ion: 63 Resp: 157447

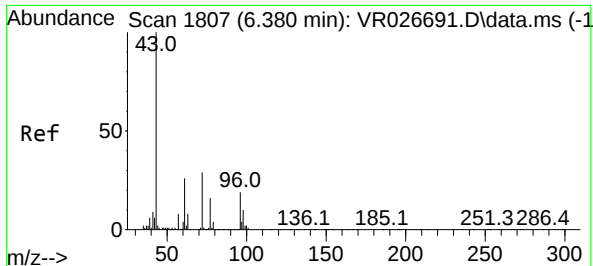
Ion Ratio Lower Upper

63 100

98 6.4 2.9 8.8

100 3.3 1.8 5.4





#25

2-Butanone

Concen: 104.937 ug/l

RT: 6.367 min Scan# 1795

Delta R.T. -0.013 min

Lab File: VR026727.D

Acq: 7 Aug 2025 14:54

Instrument :

MSVOA_R

ClientSampleId :

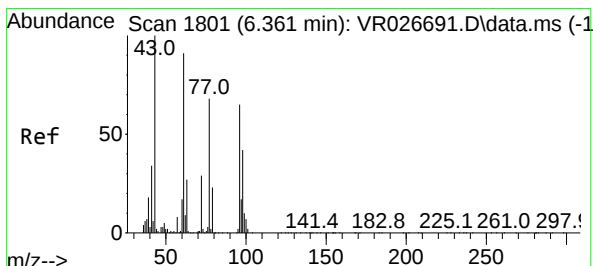
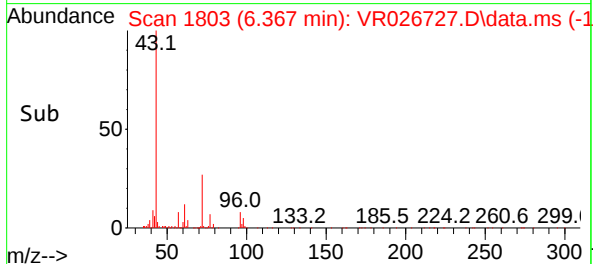
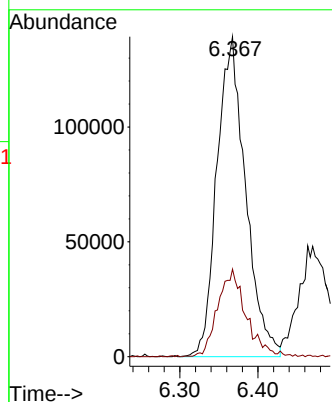
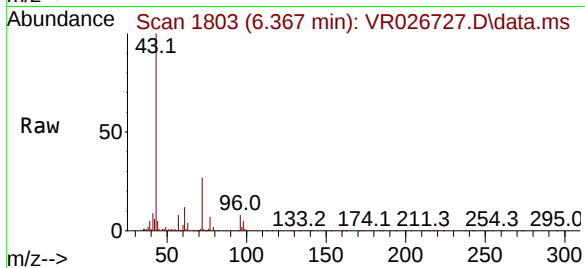
VR0807WBSD01

Tgt Ion: 43 Resp: 354738

Ion Ratio Lower Upper

43 100

72 27.3 23.1 34.7



#26

2,2-Dichloropropane

Concen: 8.450 ug/l

RT: 6.342 min Scan# 1795

Delta R.T. -0.019 min

Lab File: VR026727.D

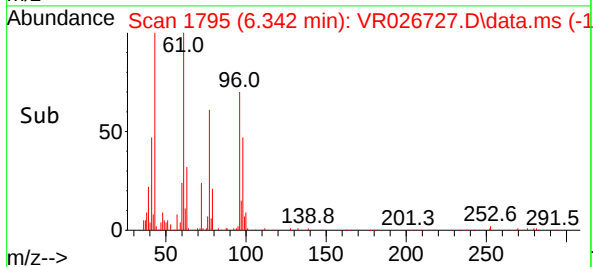
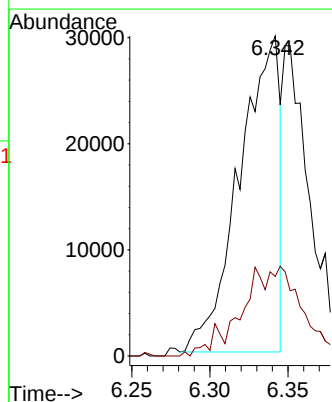
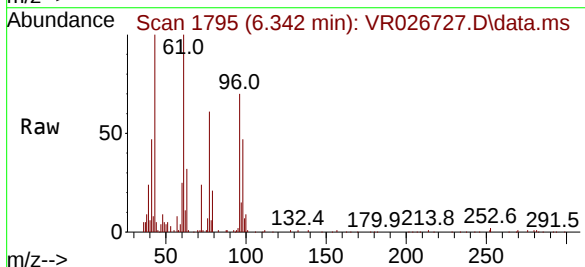
Acq: 7 Aug 2025 14:54

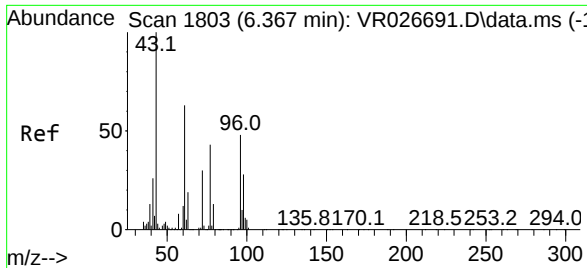
Tgt Ion: 77 Resp: 53342

Ion Ratio Lower Upper

77 100

97 18.8 12.3 36.8

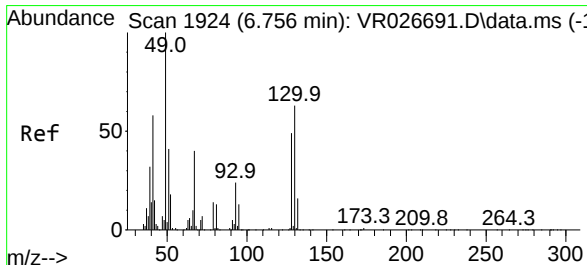
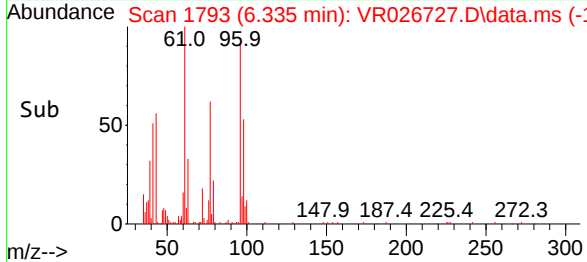
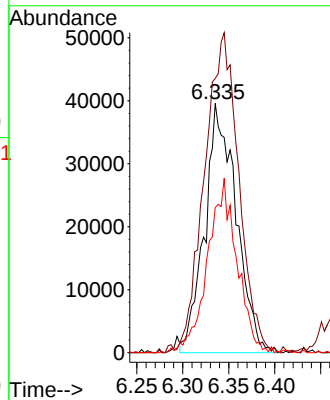
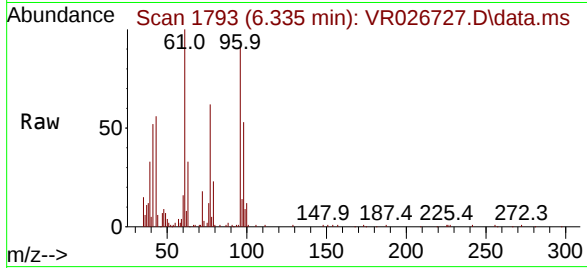




#27
 cis-1,2-Dichloroethene
 Concen: 17.008 ug/l
 RT: 6.335 min Scan# 11
 Delta R.T. -0.032 min
 Lab File: VR026727.D
 Acq: 7 Aug 2025 14:54

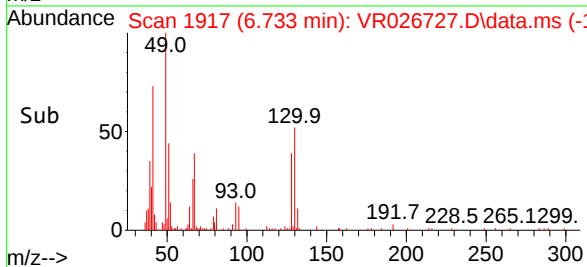
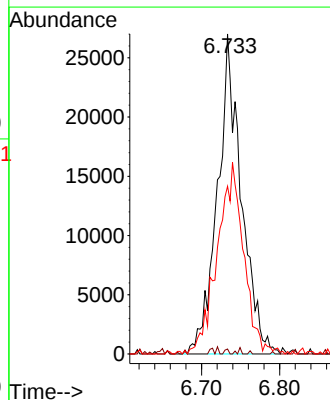
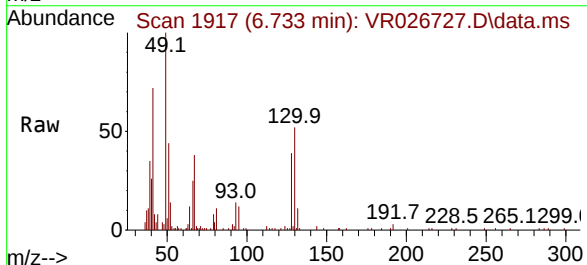
Instrument :
 MSVOA_R
 ClientSampleId :
 VR0807WBSD01

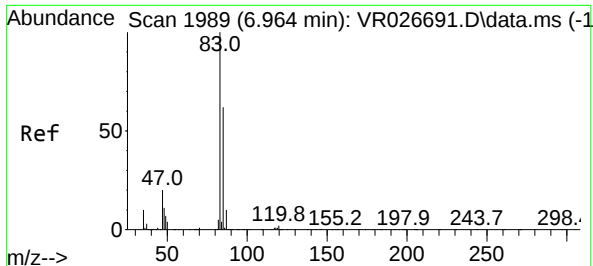
Tgt Ion: 96	Resp: 94078
Ion Ratio	Lower Upper
96 100	
61 139.5	0.0 279.8
98 65.0	0.0 125.2



#28
 Bromochloromethane
 Concen: 17.391 ug/l
 RT: 6.733 min Scan# 1917
 Delta R.T. -0.022 min
 Lab File: VR026727.D
 Acq: 7 Aug 2025 14:54

Tgt Ion: 49	Resp: 57221
Ion Ratio	Lower Upper
49 100	
129 0.3	0.0 3.4
130 66.5	52.2 78.4





#29

Chloroform

Concen: 17.988 ug/l

RT: 6.948 min Scan# 1989

Delta R.T. -0.016 min

Lab File: VR026727.D

Acq: 7 Aug 2025 14:54

Instrument :

MSVOA_R

ClientSampleId :

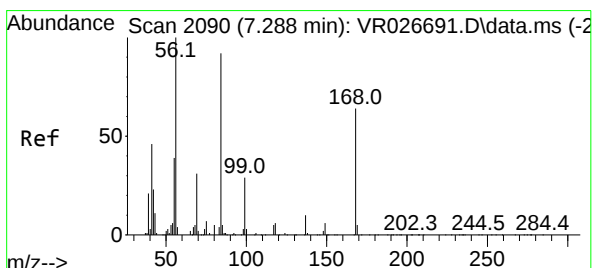
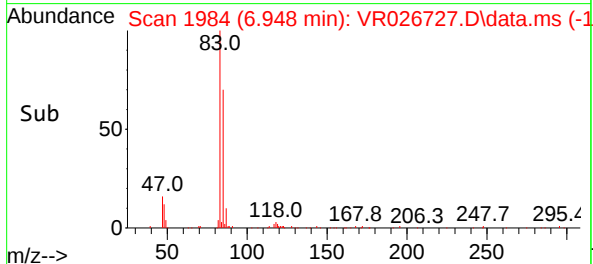
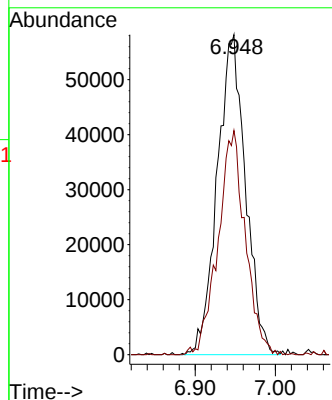
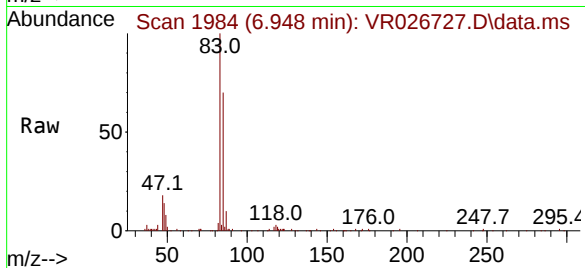
VR0807WBSD01

Tgt Ion: 83 Resp: 142279

Ion Ratio Lower Upper

83 100

85 70.0 49.6 74.4



#30

Cyclohexane

Concen: 15.012 ug/l

RT: 7.266 min Scan# 2083

Delta R.T. -0.022 min

Lab File: VR026727.D

Acq: 7 Aug 2025 14:54

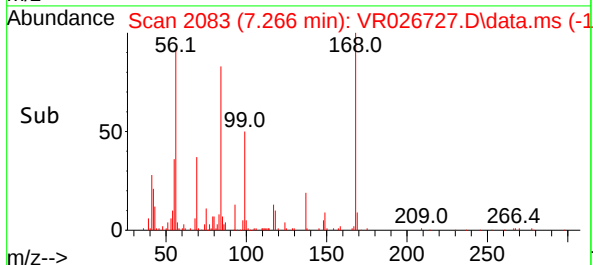
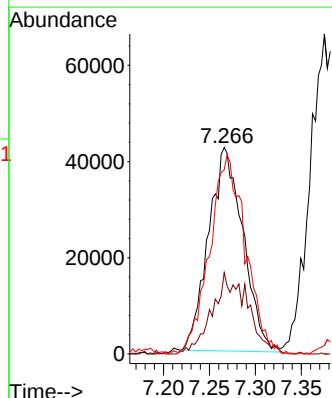
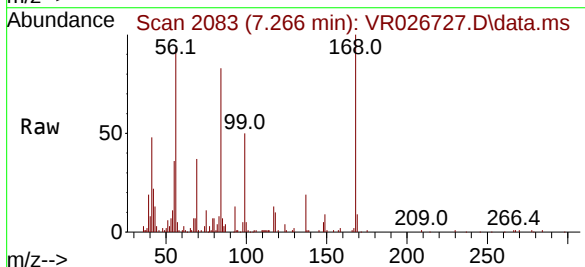
Tgt Ion: 56 Resp: 110701

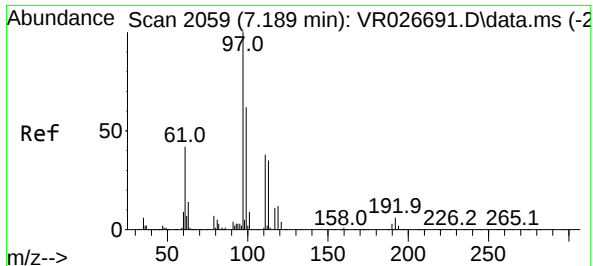
Ion Ratio Lower Upper

56 100

69 38.8 24.8 37.2

84 90.1 73.1 109.7

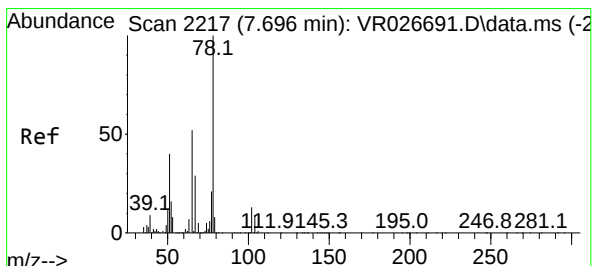
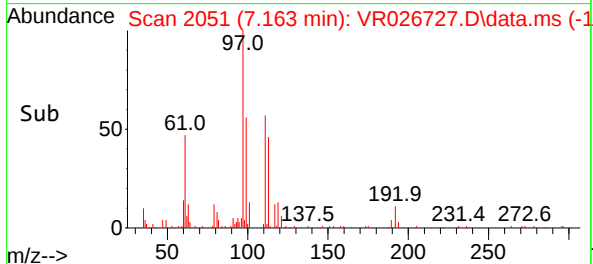
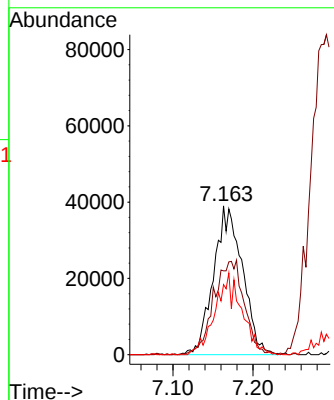
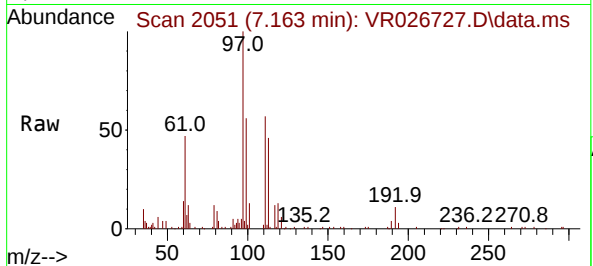




#31
 1,1,1-Trichloroethane
 Concen: 17.078 ug/l
 RT: 7.163 min Scan# 2051
 Delta R.T. -0.026 min
 Lab File: VR026727.D
 Acq: 7 Aug 2025 14:54

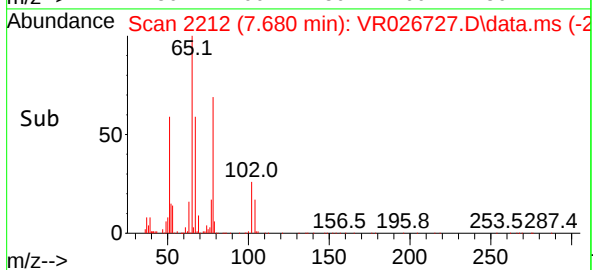
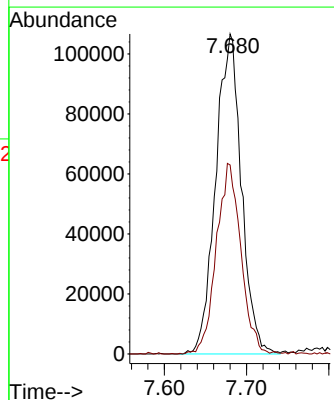
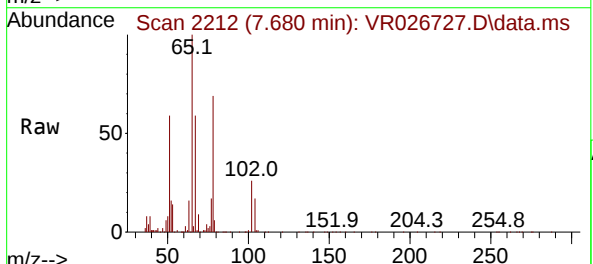
Instrument :
 MSVOA_R
 ClientSampleId :
 VR0807WBSD01

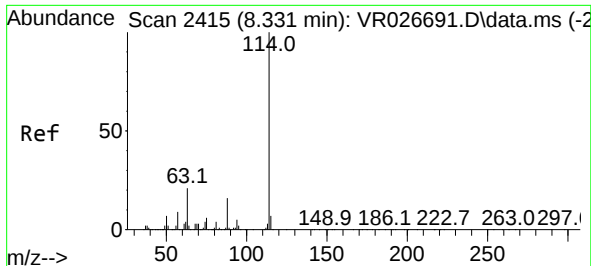
Tgt Ion: 97 Resp: 97578
 Ion Ratio Lower Upper
 97 100
 99 66.3 51.0 76.6
 61 50.4 36.3 54.5



#32
 1,2-Dichloroethane-d4
 Concen: 49.778 ug/l
 RT: 7.680 min Scan# 2212
 Delta R.T. -0.016 min
 Lab File: VR026727.D
 Acq: 7 Aug 2025 14:54

Tgt Ion: 65 Resp: 231642
 Ion Ratio Lower Upper
 65 100
 67 56.7 0.0 118.4





#33

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.318 min Scan# 2411

Delta R.T. -0.013 min

Lab File: VR026727.D

Acq: 7 Aug 2025 14:54

Instrument :

MSVOA_R

ClientSampleId :

VR0807WBSD01

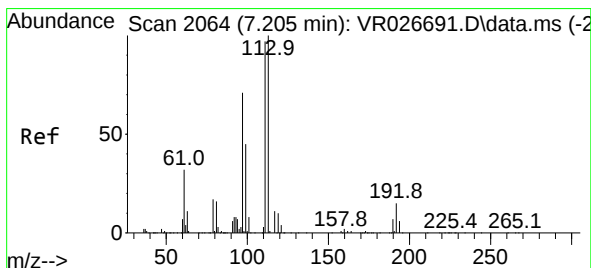
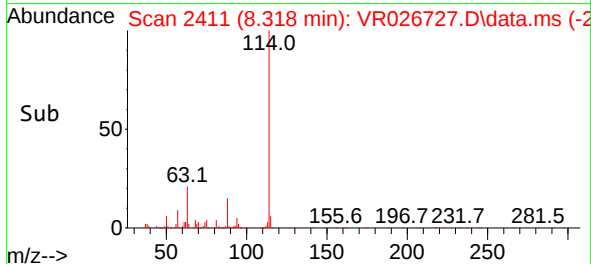
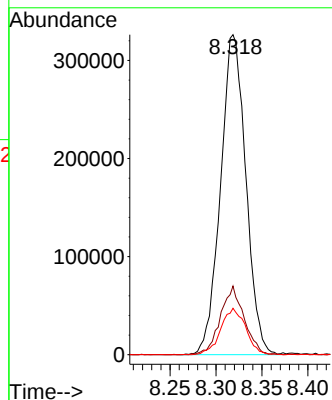
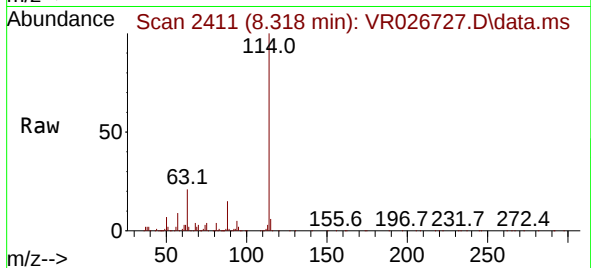
Tgt Ion:114 Resp: 625094

Ion Ratio Lower Upper

114 100

63 21.5 0.0 41.6

88 14.5 0.0 32.6



#34

Dibromofluoromethane

Concen: 50.361 ug/l

RT: 7.195 min Scan# 2061

Delta R.T. -0.010 min

Lab File: VR026727.D

Acq: 7 Aug 2025 14:54

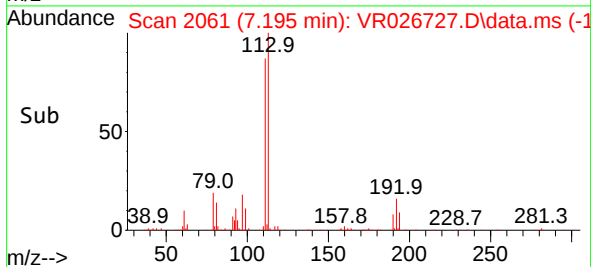
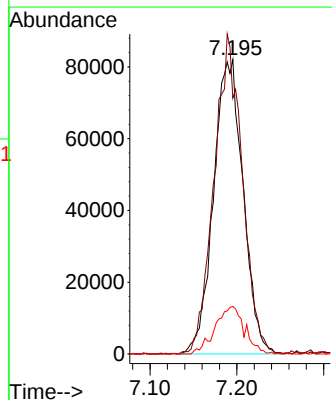
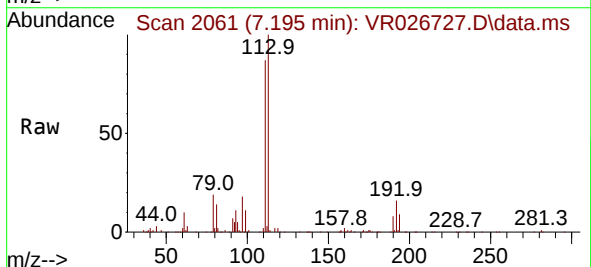
Tgt Ion:113 Resp: 194707

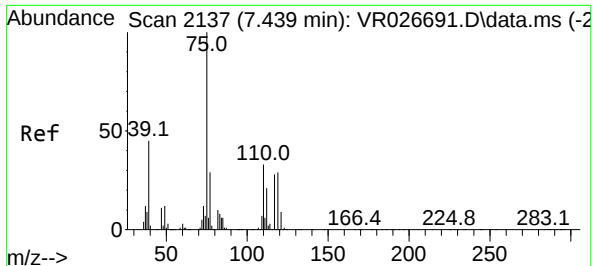
Ion Ratio Lower Upper

113 100

111 103.3 81.7 122.5

192 16.1 12.3 18.5





#35

1,1-Dichloropropene

Concen: 19.212 ug/l

RT: 7.417 min Scan# 2137

Delta R.T. -0.022 min

Lab File: VR026727.D

Acq: 7 Aug 2025 14:54

Instrument :

MSVOA_R

ClientSampleId :

VR0807WBSD01

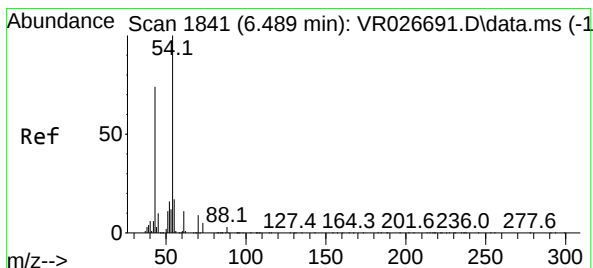
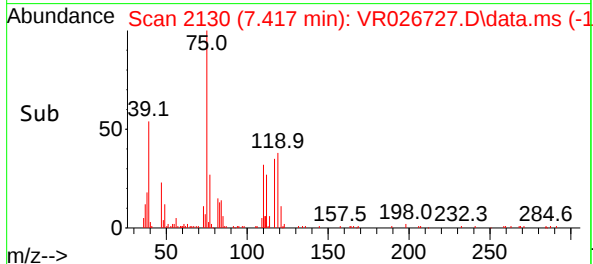
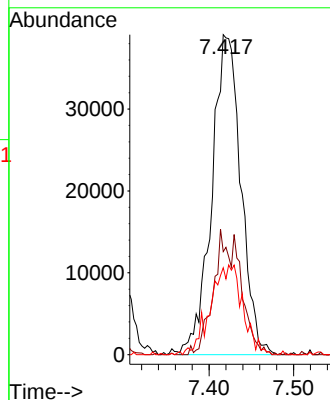
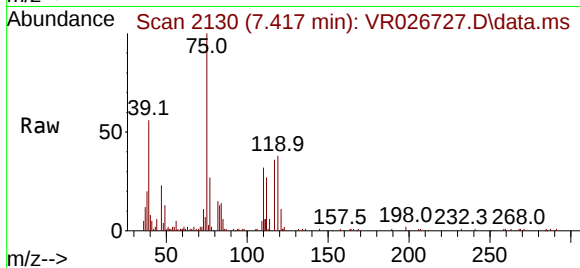
Tgt Ion: 75 Resp: 93707

Ion Ratio Lower Upper

75 100

110 21.3 17.0 50.9

77 16.1 24.6 37.0#



#36

Ethyl Acetate

Concen: 20.320 ug/l

RT: 6.464 min Scan# 1833

Delta R.T. -0.026 min

Lab File: VR026727.D

Acq: 7 Aug 2025 14:54

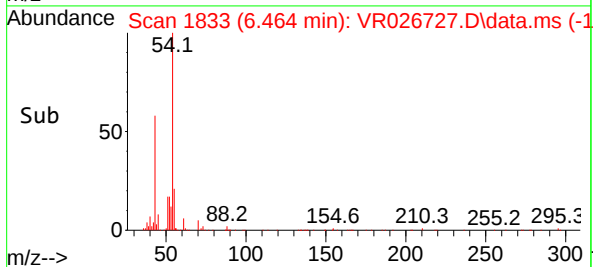
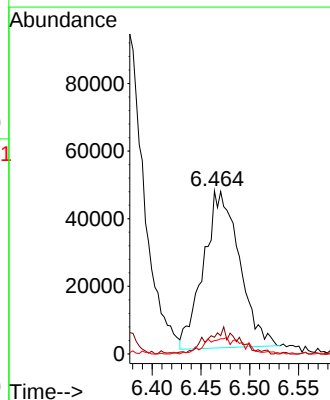
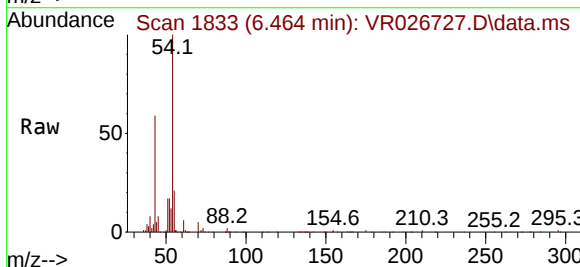
Tgt Ion: 43 Resp: 118652

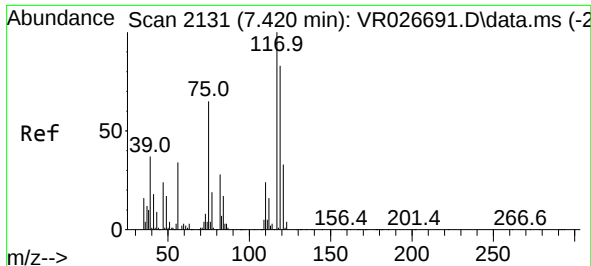
Ion Ratio Lower Upper

43 100

61 14.7 12.0 18.0

70 3.0 9.0 13.6#

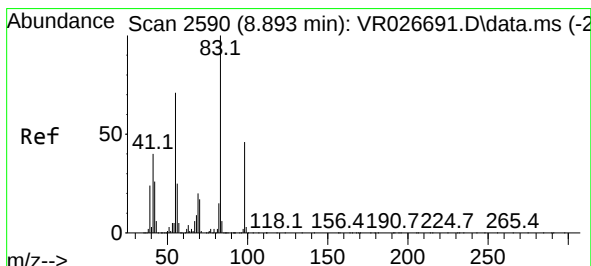
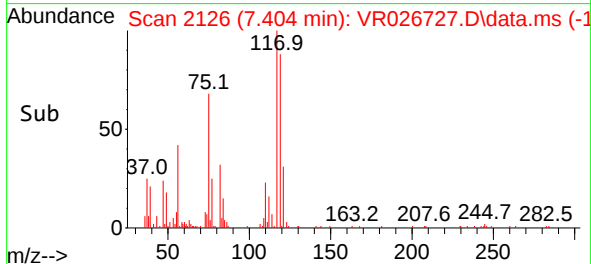
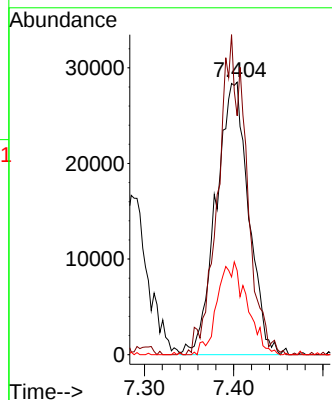
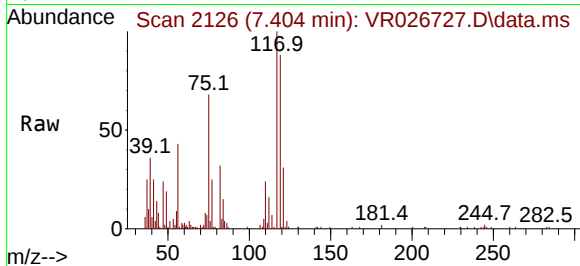




#37
Carbon Tetrachloride
Concen: 18.175 ug/l
RT: 7.404 min Scan# 2131
Delta R.T. -0.016 min
Lab File: VR026727.D
Acq: 7 Aug 2025 14:54

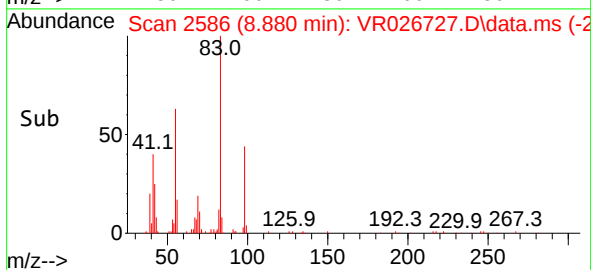
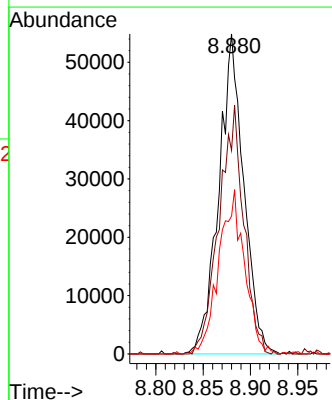
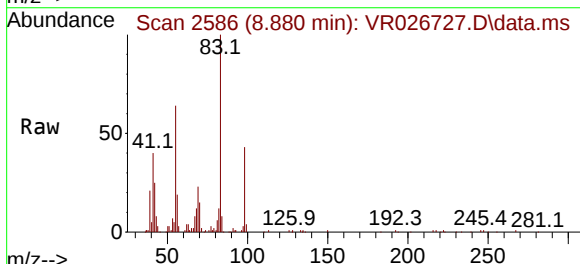
Instrument :
MSVOA_R
ClientSampleId :
VR0807WBSD01

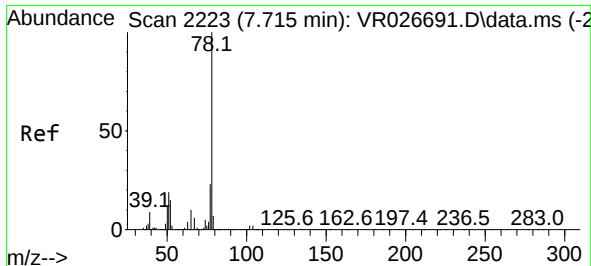
Tgt Ion:	117	Resp:	72197
Ion	Ratio	Lower	Upper
117	100		
119	87.3	67.0	100.4
121	31.0	26.3	39.5



#38
Methylcyclohexane
Concen: 18.051 ug/l
RT: 8.880 min Scan# 2586
Delta R.T. -0.013 min
Lab File: VR026727.D
Acq: 7 Aug 2025 14:54

Tgt Ion:	83	Resp:	100779
Ion	Ratio	Lower	Upper
83	100		
55	63.6	56.7	85.1
98	43.1	36.7	55.1

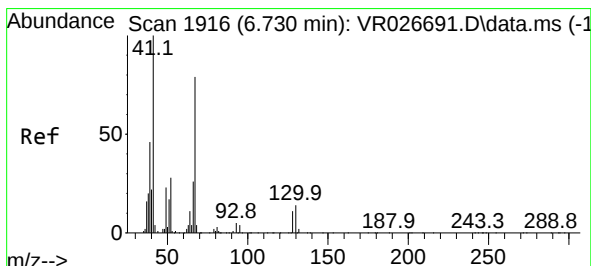
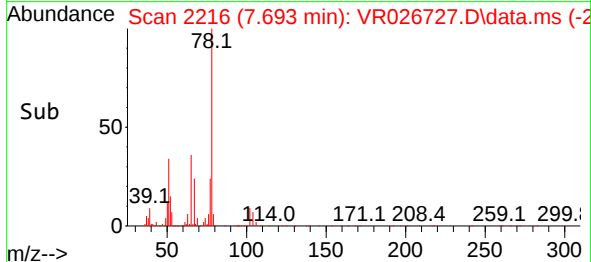
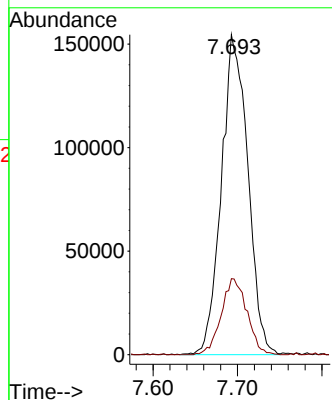
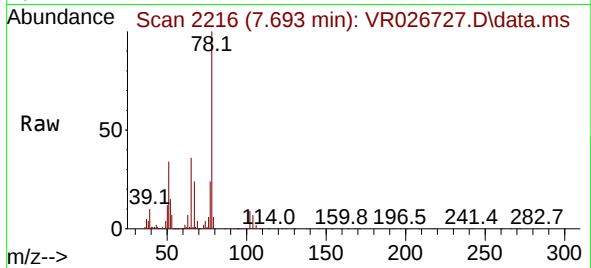




#39
Benzene
Concen: 19.127 ug/l
RT: 7.693 min Scan# 21
Delta R.T. -0.022 min
Lab File: VR026727.D
Acq: 7 Aug 2025 14:54

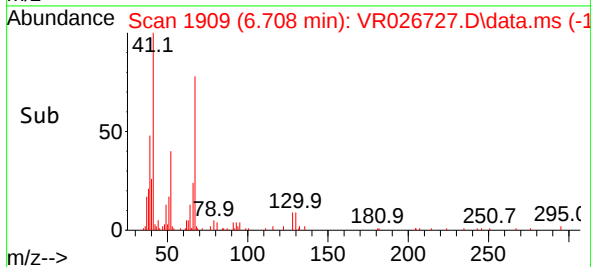
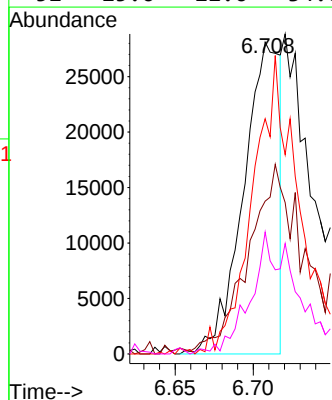
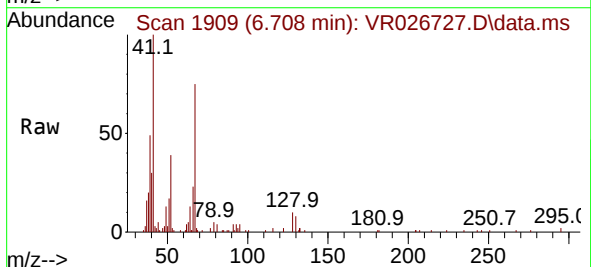
Instrument :
MSVOA_R
ClientSampleId :
VR0807WBSD01

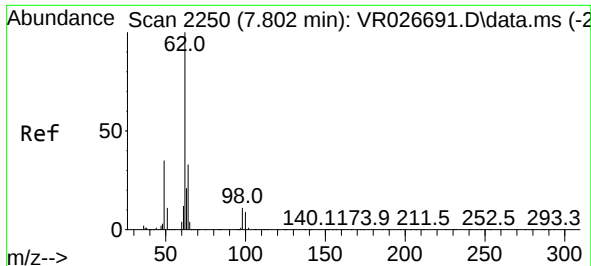
Tgt Ion: 78 Resp: 335961
Ion Ratio Lower Upper
78 100
77 23.8 18.8 28.2



#40
Methacrylonitrile
Concen: 12.613 ug/l
RT: 6.708 min Scan# 1909
Delta R.T. -0.022 min
Lab File: VR026727.D
Acq: 7 Aug 2025 14:54

Tgt Ion: 41 Resp: 45771
Ion Ratio Lower Upper
41 100
39 85.2 42.4 63.6#
67 121.2 65.6 98.4#
52 25.6 22.6 34.0

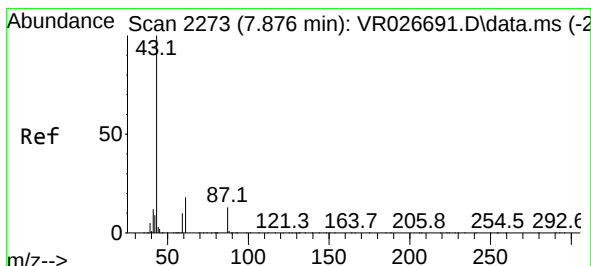
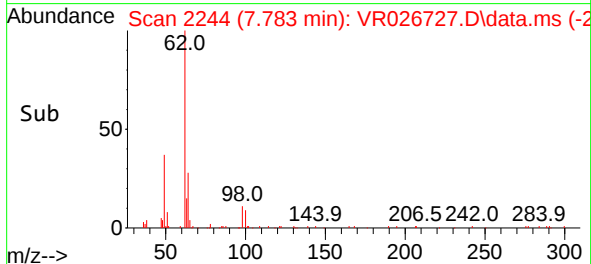
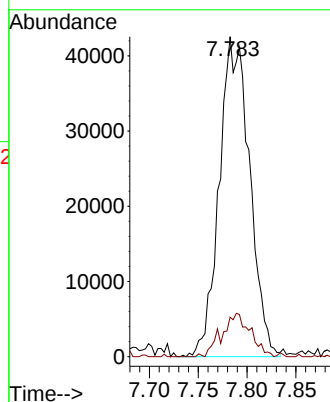
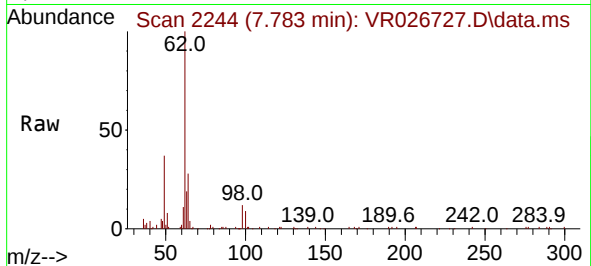




#41
1,2-Dichloroethane
Concen: 20.587 ug/l
RT: 7.783 min Scan# 21
Delta R.T. -0.019 min
Lab File: VR026727.D
Acq: 7 Aug 2025 14:54

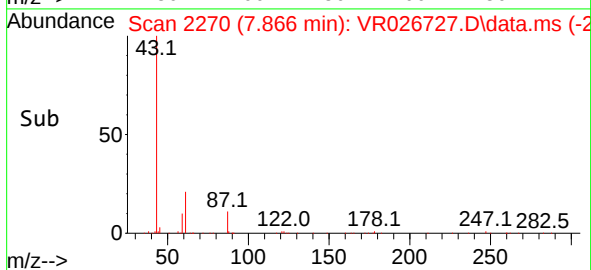
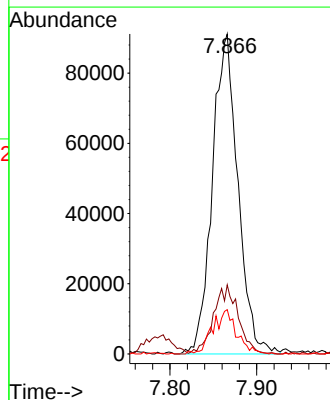
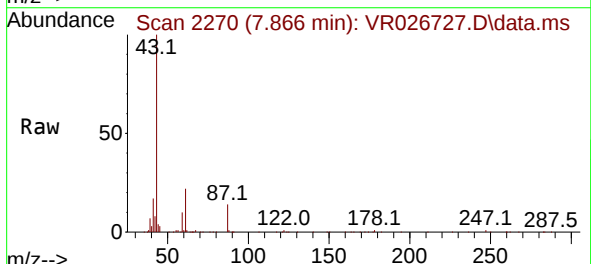
Instrument :
MSVOA_R
ClientSampleId :
VR0807WBSD01

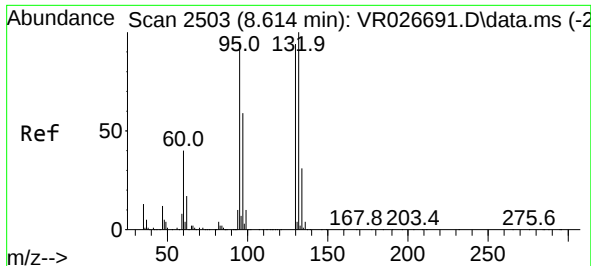
Tgt Ion: 62 Resp: 91973
Ion Ratio Lower Upper
62 100
98 10.5 0.0 22.2



#42
Isopropyl Acetate
Concen: 19.878 ug/l
RT: 7.866 min Scan# 2270
Delta R.T. -0.010 min
Lab File: VR026727.D
Acq: 7 Aug 2025 14:54

Tgt Ion: 43 Resp: 186631
Ion Ratio Lower Upper
43 100
61 9.8 17.9 26.9#
87 12.8 10.8 16.2

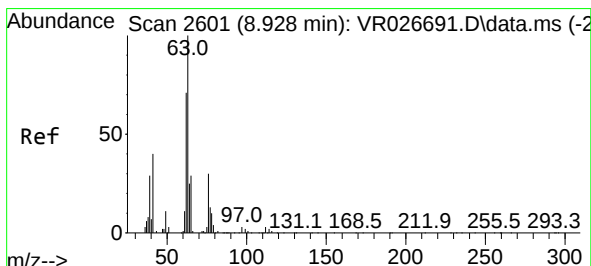
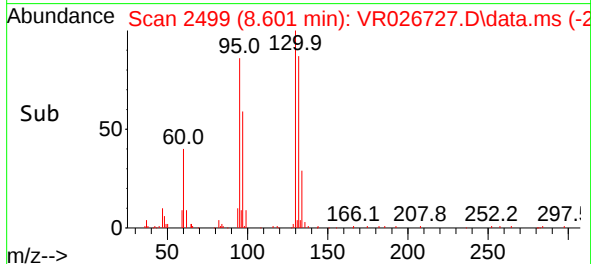
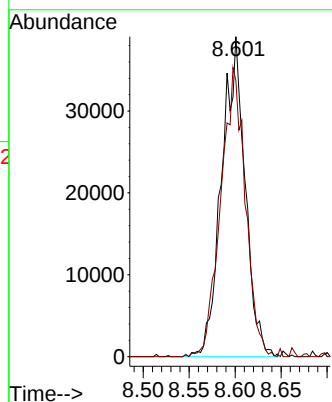
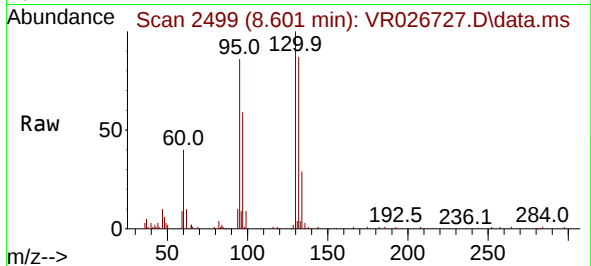




#43
Trichloroethene
Concen: 20.557 ug/l
RT: 8.601 min Scan# 2499
Delta R.T. -0.013 min
Lab File: VR026727.D
Acq: 7 Aug 2025 14:54

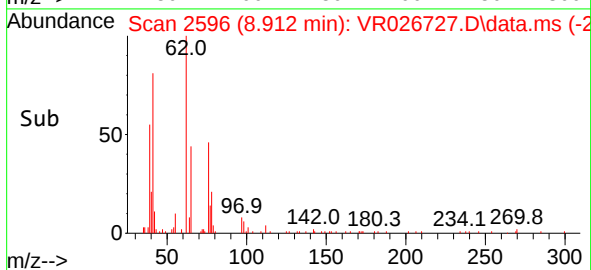
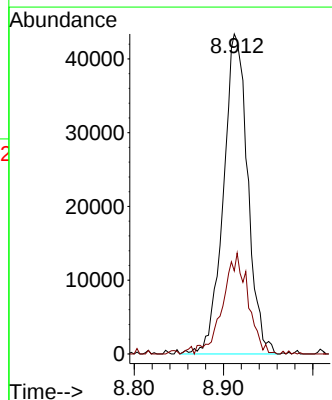
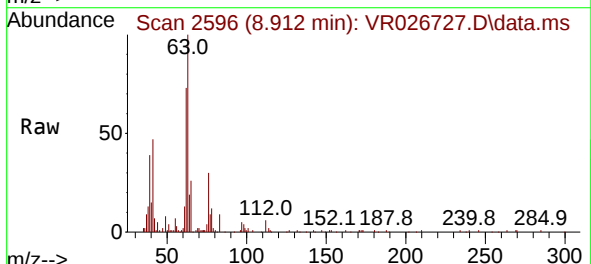
Instrument :
MSVOA_R
ClientSampleId :
VR0807WBSD01

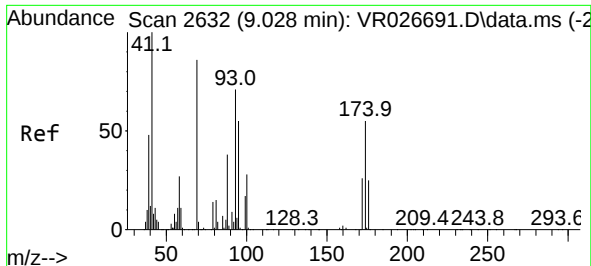
Tgt Ion:130 Resp: 69439
Ion Ratio Lower Upper
130 100
95 86.2 0.0 200.6



#44
1,2-Dichloropropane
Concen: 19.727 ug/l
RT: 8.912 min Scan# 2596
Delta R.T. -0.016 min
Lab File: VR026727.D
Acq: 7 Aug 2025 14:54

Tgt Ion: 63 Resp: 81997
Ion Ratio Lower Upper
63 100
65 25.9 23.8 35.8

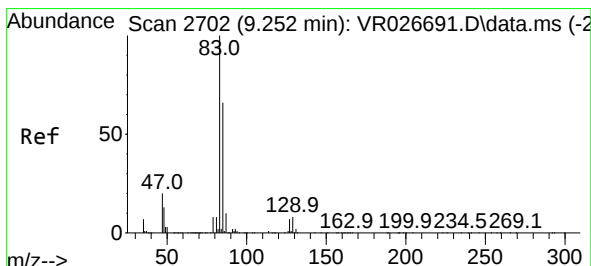
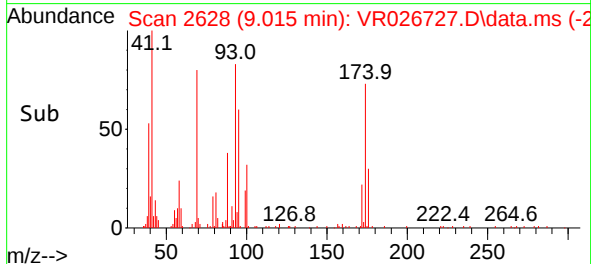
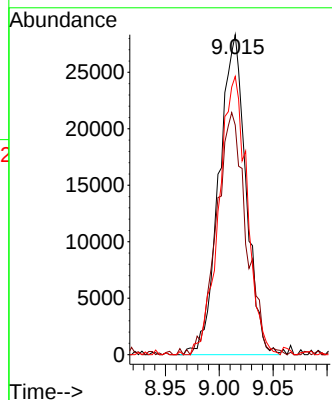
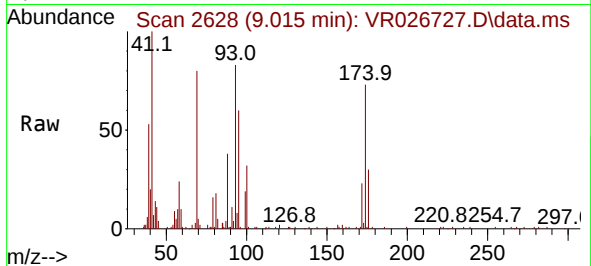




#45
Dibromomethane
Concen: 21.322 ug/l
RT: 9.015 min Scan# 2628
Delta R.T. -0.013 min
Lab File: VR026727.D
Acq: 7 Aug 2025 14:54

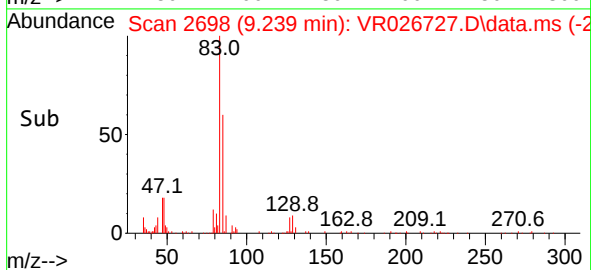
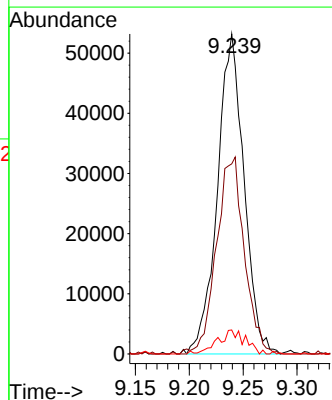
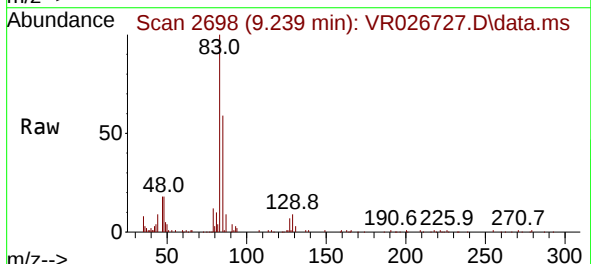
Instrument :
MSVOA_R
ClientSampleId :
VR0807WBSD01

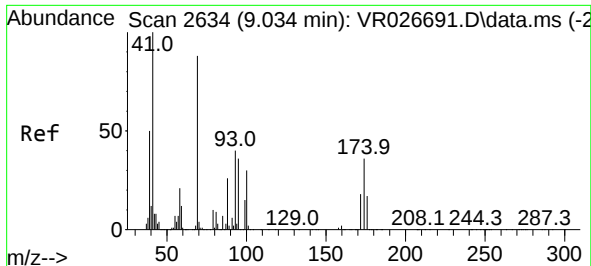
Tgt Ion: 93 Resp: 49289
Ion Ratio Lower Upper
93 100
95 82.7 69.4 104.0
174 91.0 66.9 100.3



#46
Bromodichloromethane
Concen: 20.446 ug/l
RT: 9.239 min Scan# 2698
Delta R.T. -0.013 min
Lab File: VR026727.D
Acq: 7 Aug 2025 14:54

Tgt Ion: 83 Resp: 91576
Ion Ratio Lower Upper
83 100
85 59.4 52.6 78.8
127 7.5 5.5 8.3





#47

Methyl methacrylate

Concen: 22.065 ug/l

RT: 9.024 min Scan# 2

Delta R.T. -0.010 min

Lab File: VR026727.D

Acq: 7 Aug 2025 14:54

Instrument :

MSVOA_R

ClientSampleId :

VR0807WBSD01

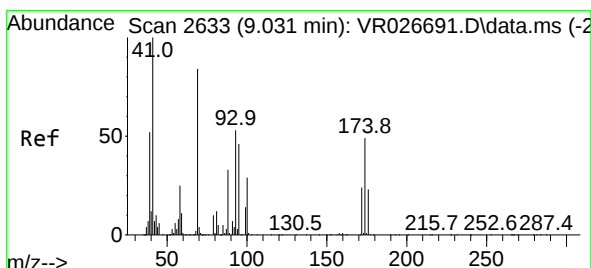
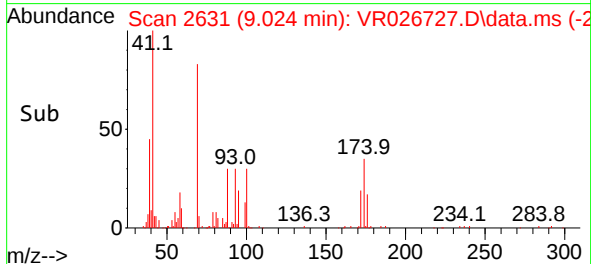
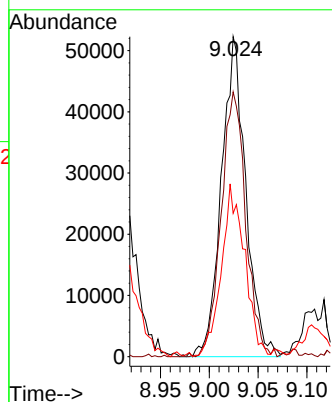
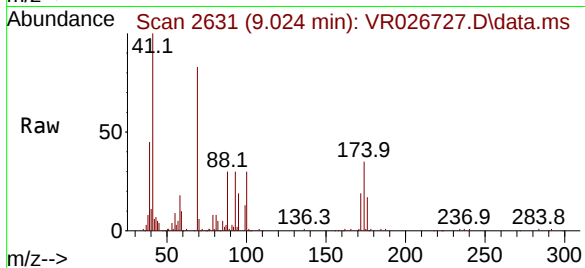
Tgt Ion: 41 Resp: 90670

Ion Ratio Lower Upper

41 100

69 83.4 69.8 104.6

39 51.9 39.4 59.2



#48

1,4-Dioxane

Concen: 493.674 ug/l

RT: 9.024 min Scan# 2631

Delta R.T. -0.006 min

Lab File: VR026727.D

Acq: 7 Aug 2025 14:54

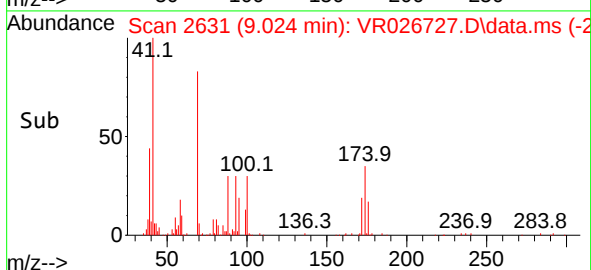
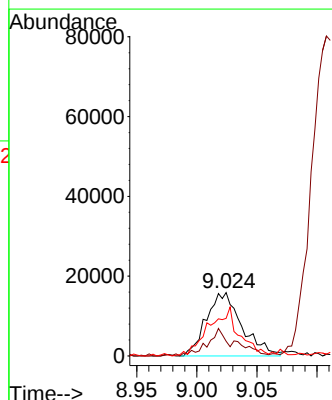
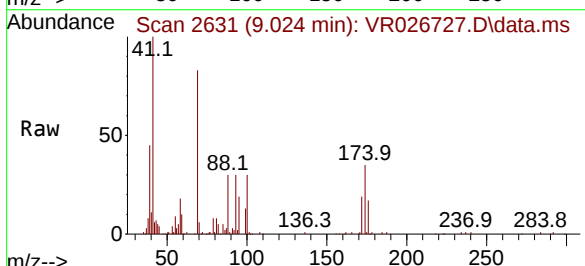
Tgt Ion: 88 Resp: 32678

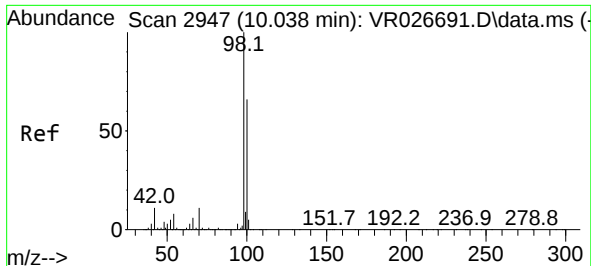
Ion Ratio Lower Upper

88 100

43 22.5 25.2 37.8#

58 65.5 60.8 91.2

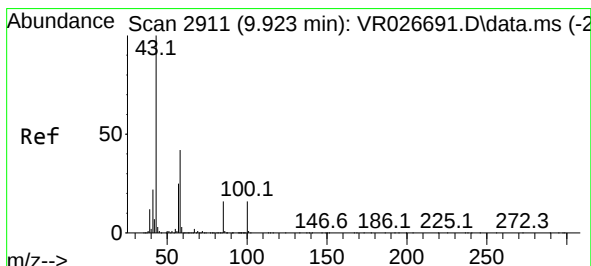
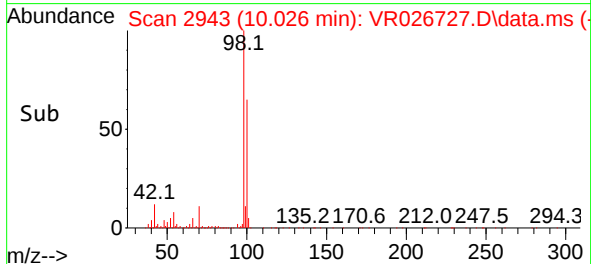
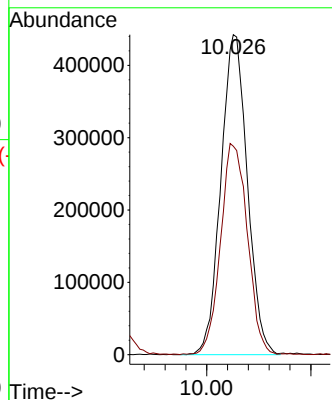
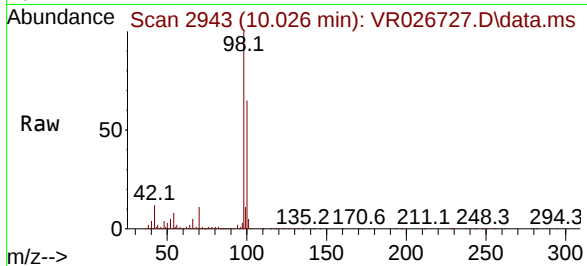




#49
Toluene-d8
Concen: 56.358 ug/l
RT: 10.026 min Scan# 2943
Delta R.T. -0.013 min
Lab File: VR026727.D
Acq: 7 Aug 2025 14:54

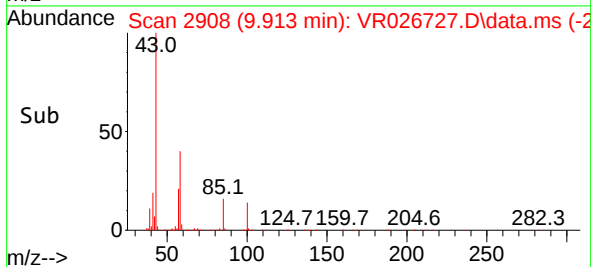
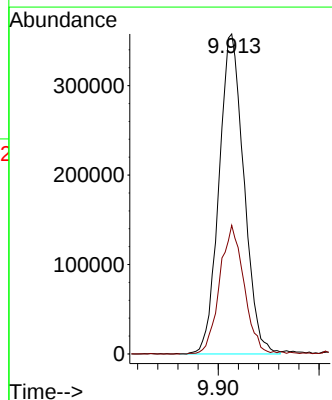
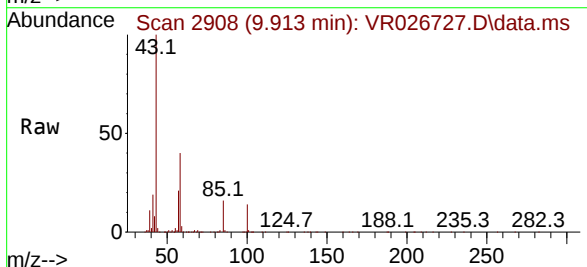
Instrument :
MSVOA_R
ClientSampleId :
VR0807WBSD01

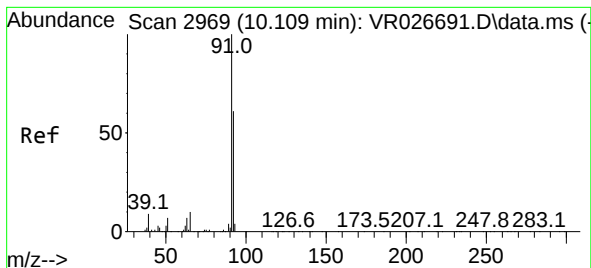
Tgt Ion: 98 Resp: 780639
Ion Ratio Lower Upper
98 100
100 66.8 53.9 80.9



#50
4-Methyl-2-Pentanone
Concen: 125.173 ug/l
RT: 9.913 min Scan# 2908
Delta R.T. -0.010 min
Lab File: VR026727.D
Acq: 7 Aug 2025 14:54

Tgt Ion: 43 Resp: 613571
Ion Ratio Lower Upper
43 100
58 39.5 33.7 50.5





#51

Toluene

Concen: 21.917 ug/l

RT: 10.103 min Scan# 2969

Delta R.T. -0.006 min

Lab File: VR026727.D

Acq: 7 Aug 2025 14:54

Instrument :

MSVOA_R

ClientSampleId :

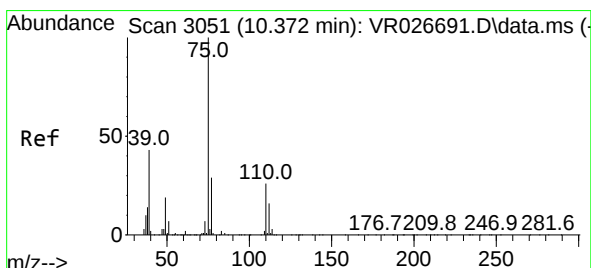
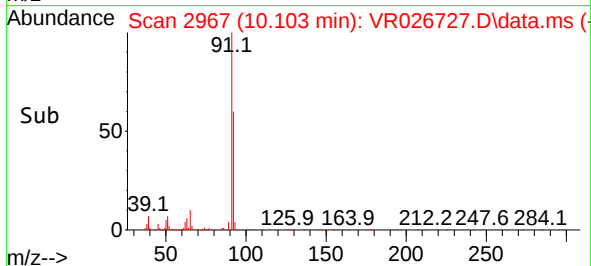
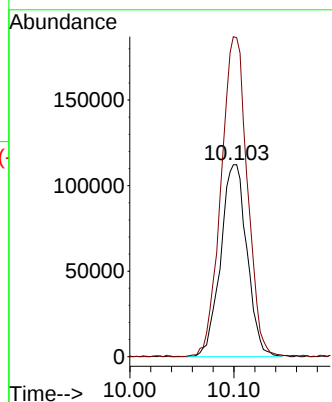
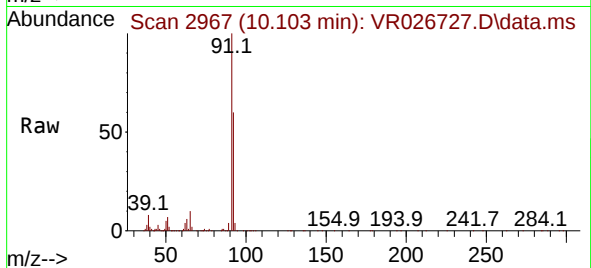
VR0807WBSD01

Tgt Ion: 92 Resp: 196517

Ion Ratio Lower Upper

92 100

91 167.0 137.8 206.6



#52

t-1,3-Dichloropropene

Concen: 18.261 ug/l

RT: 10.359 min Scan# 3047

Delta R.T. -0.013 min

Lab File: VR026727.D

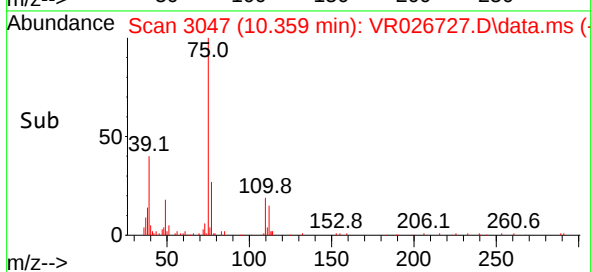
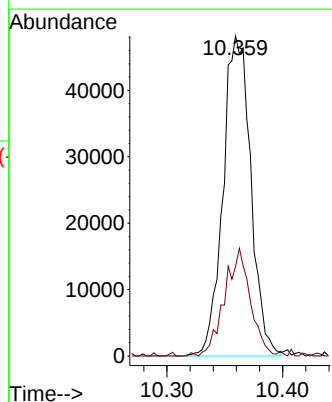
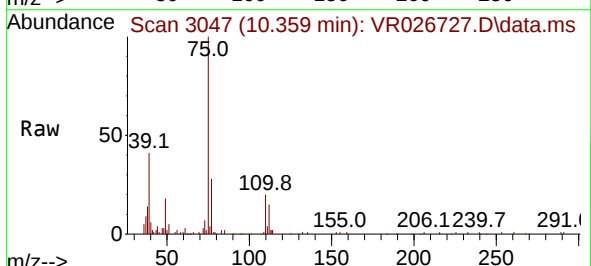
Acq: 7 Aug 2025 14:54

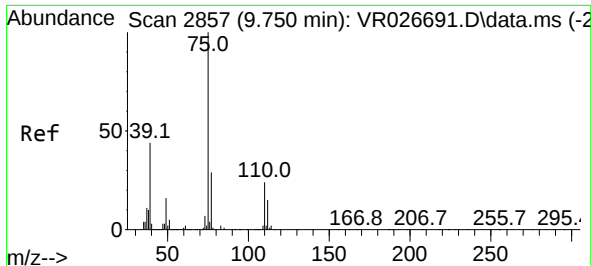
Tgt Ion: 75 Resp: 80164

Ion Ratio Lower Upper

75 100

77 28.0 23.4 35.2

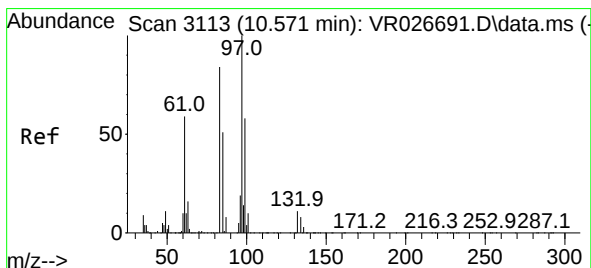
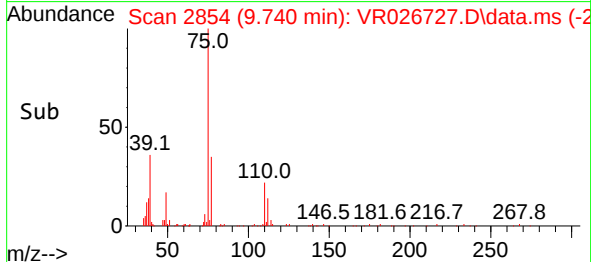
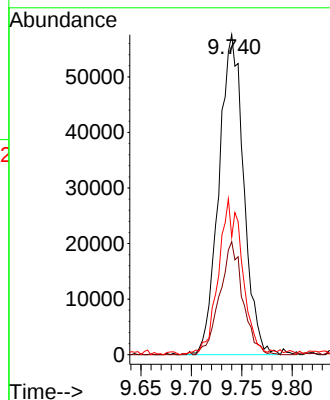
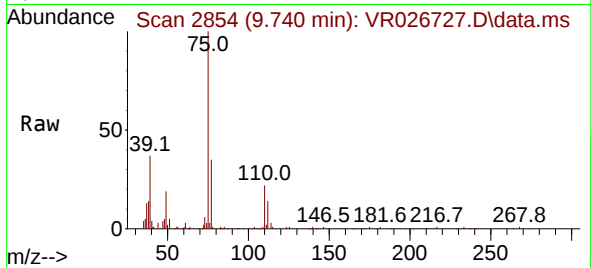




#53
 cis-1,3-Dichloropropene
 Concen: 18.730 ug/l
 RT: 9.740 min Scan# 21
 Delta R.T. -0.010 min
 Lab File: VR026727.D
 Acq: 7 Aug 2025 14:54

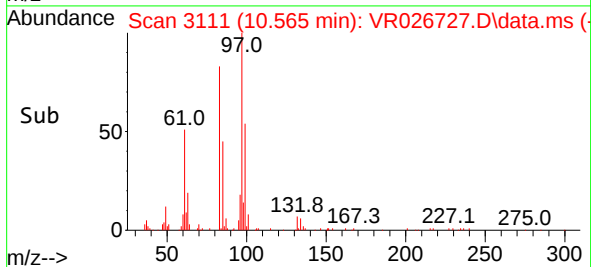
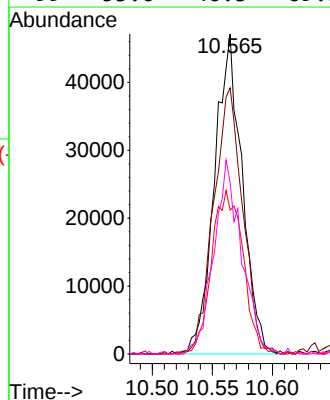
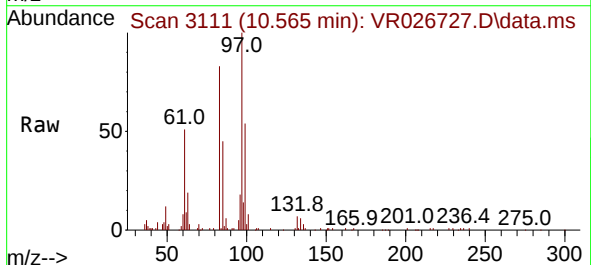
Instrument :
 MSVOA_R
 ClientSampleId :
 VR0807WBSD01

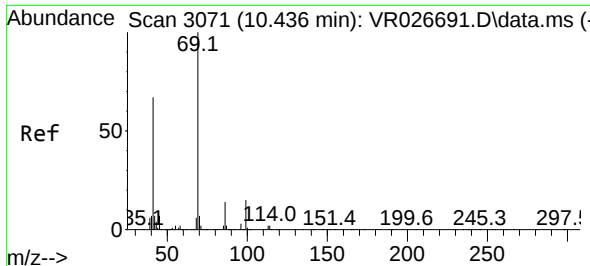
Tgt Ion: 75 Resp: 98623
 Ion Ratio Lower Upper
 75 100
 77 35.3 22.9 34.3#
 39 36.8 34.8 52.2



#54
 1,1,2-Trichloroethane
 Concen: 23.006 ug/l
 RT: 10.565 min Scan# 3111
 Delta R.T. -0.006 min
 Lab File: VR026727.D
 Acq: 7 Aug 2025 14:54

Tgt Ion: 97 Resp: 75336
 Ion Ratio Lower Upper
 97 100
 83 82.2 67.4 101.2
 85 45.0 40.4 60.6
 99 53.6 46.3 69.5

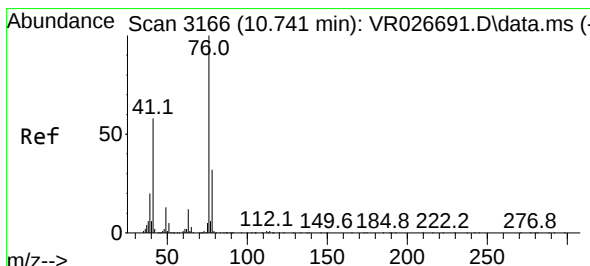
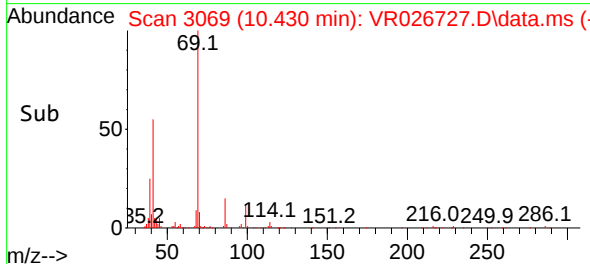
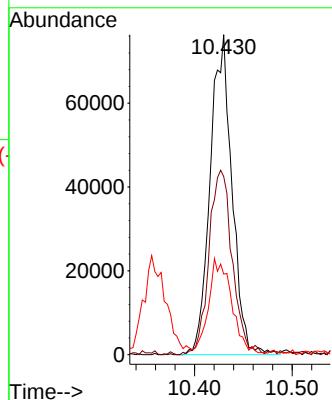
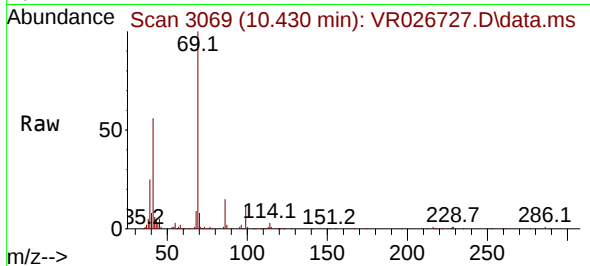




#55
Ethyl methacrylate
Concen: 21.956 ug/l
RT: 10.430 min Scan# 3071
Delta R.T. -0.006 min
Lab File: VR026727.D
Acq: 7 Aug 2025 14:54

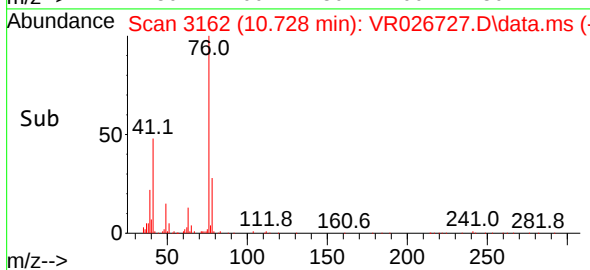
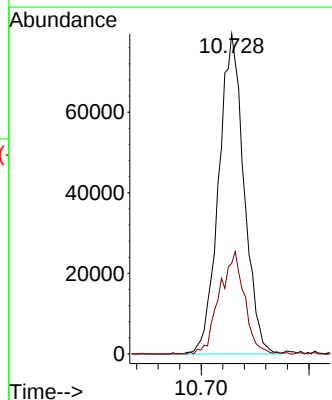
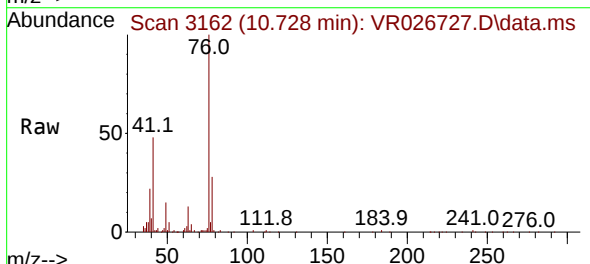
Instrument :
MSVOA_R
ClientSampleId :
VR0807WBSD01

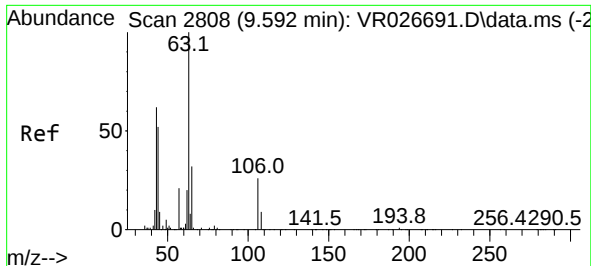
Tgt Ion: 69 Resp: 118732
Ion Ratio Lower Upper
69 100
41 61.6 51.5 77.3
39 30.7 24.7 37.1



#56
1,3-Dichloropropane
Concen: 23.257 ug/l
RT: 10.728 min Scan# 3162
Delta R.T. -0.013 min
Lab File: VR026727.D
Acq: 7 Aug 2025 14:54

Tgt Ion: 76 Resp: 129721
Ion Ratio Lower Upper
76 100
78 31.6 25.8 38.6

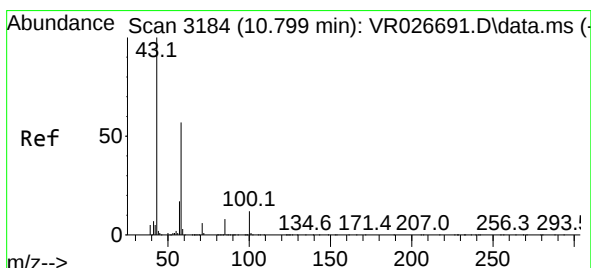
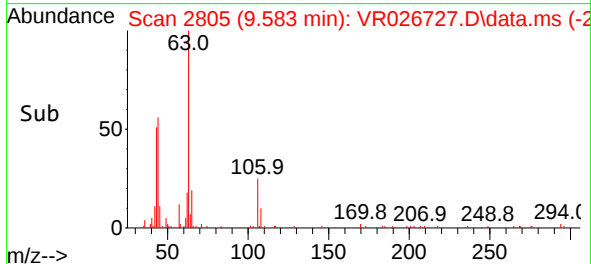
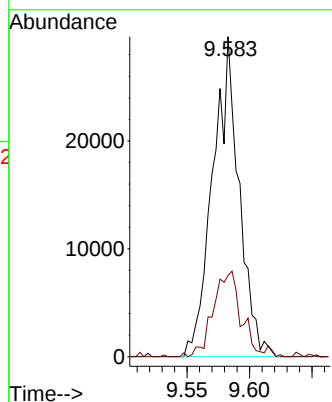
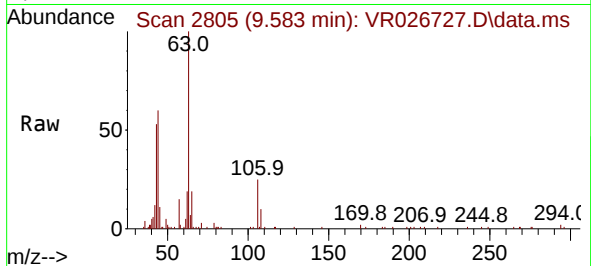




#57
2-Chloroethyl Vinyl ether
Concen: 145.565 ug/l
RT: 9.583 min Scan# 21
Delta R.T. -0.010 min
Lab File: VR026727.D
Acq: 7 Aug 2025 14:54

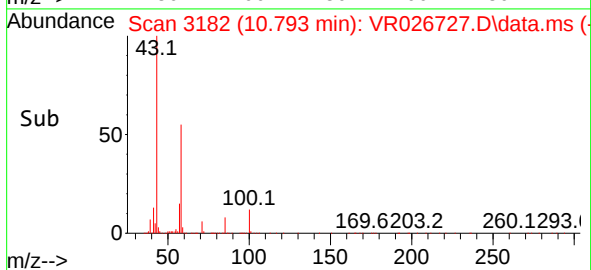
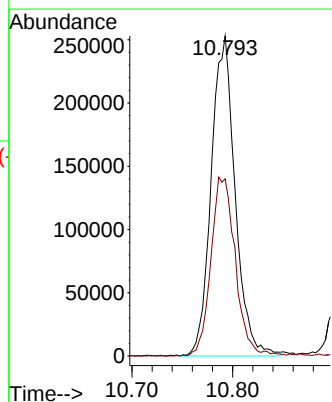
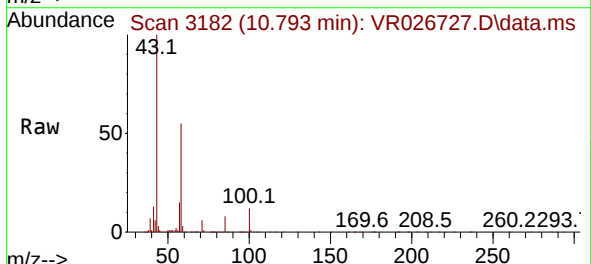
Instrument :
MSVOA_R
ClientSampleId :
VR0807WBSD01

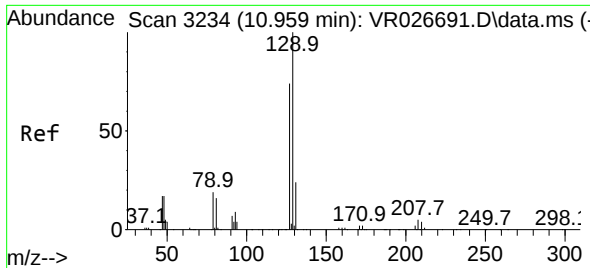
Tgt Ion: 63 Resp: 43501
Ion Ratio Lower Upper
63 100
106 28.0 22.5 33.7



#58
2-Hexanone
Concen: 126.157 ug/l
RT: 10.793 min Scan# 3182
Delta R.T. -0.006 min
Lab File: VR026727.D
Acq: 7 Aug 2025 14:54

Tgt Ion: 43 Resp: 416884
Ion Ratio Lower Upper
43 100
58 57.1 28.8 86.4

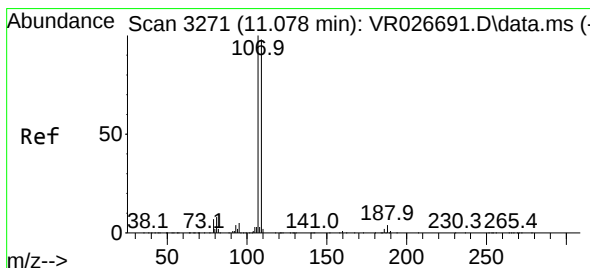
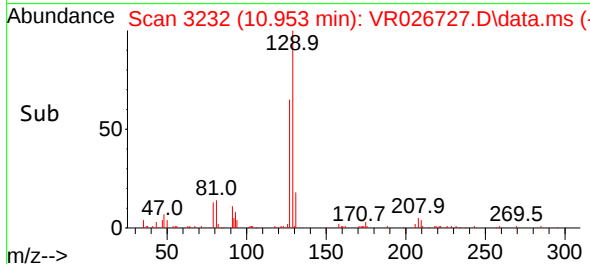
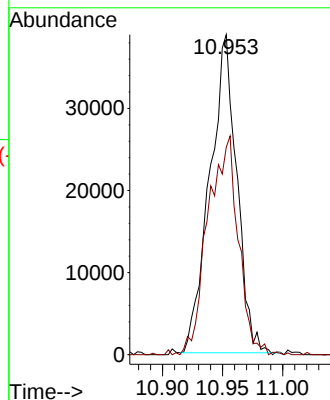
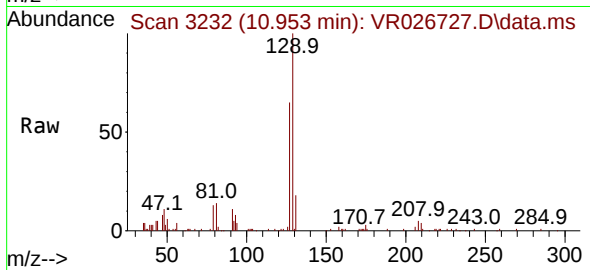




#59
Dibromochloromethane
Concen: 21.856 ug/l
RT: 10.953 min Scan# 31
Delta R.T. -0.006 min
Lab File: VR026727.D
Acq: 7 Aug 2025 14:54

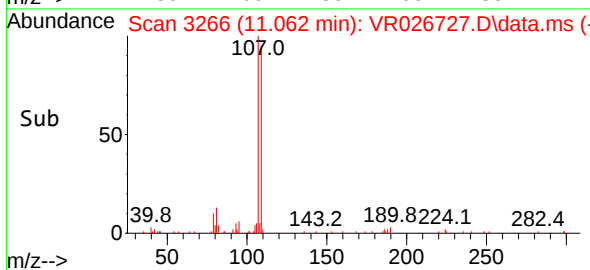
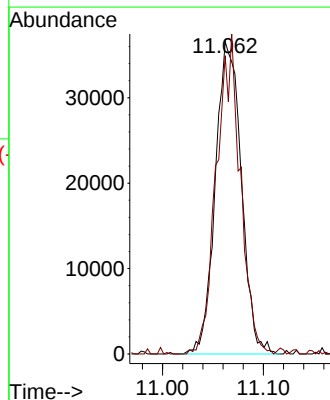
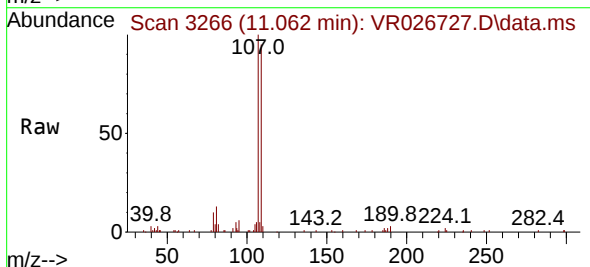
Instrument :
MSVOA_R
ClientSampleId :
VR0807WBSD01

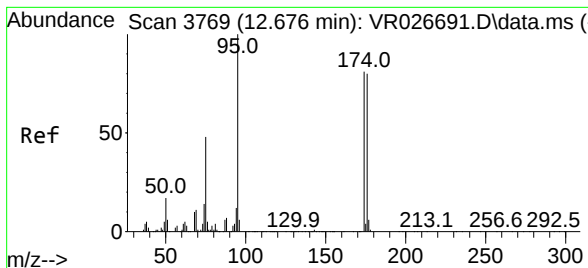
Tgt Ion:129 Resp: 60569
Ion Ratio Lower Upper
129 100
127 77.3 38.9 116.6



#60
1,2-Dibromoethane
Concen: 23.219 ug/l
RT: 11.062 min Scan# 3266
Delta R.T. -0.016 min
Lab File: VR026727.D
Acq: 7 Aug 2025 14:54

Tgt Ion:107 Resp: 65437
Ion Ratio Lower Upper
107 100
109 93.9 75.9 113.9

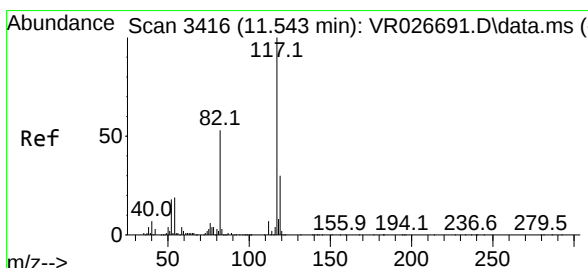
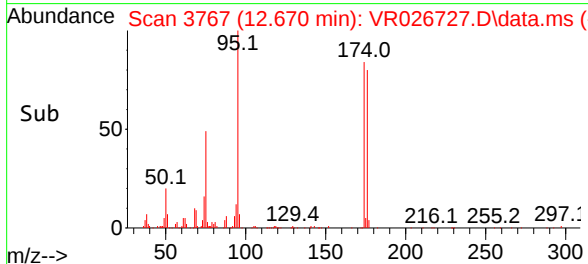
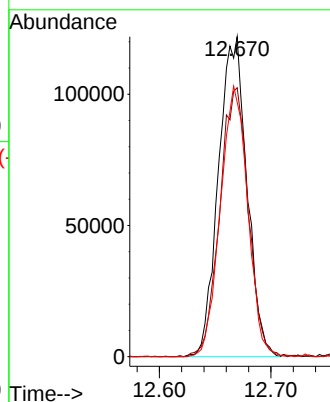
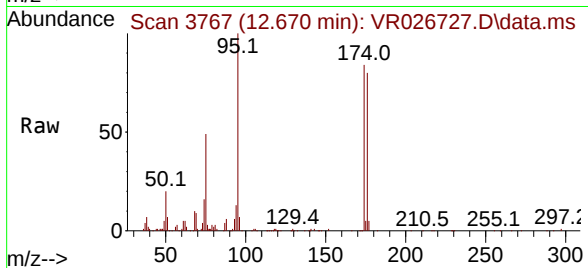




#61
4-Bromofluorobenzene
Concen: 54.944 ug/l
RT: 12.670 min Scan# 31
Delta R.T. -0.006 min
Lab File: VR026727.D
Acq: 7 Aug 2025 14:54

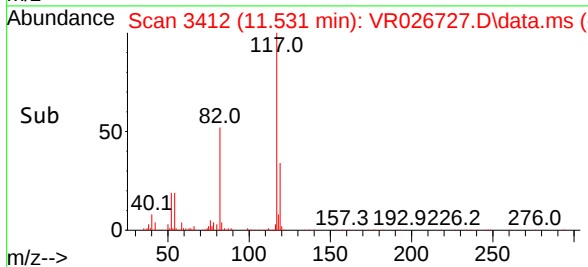
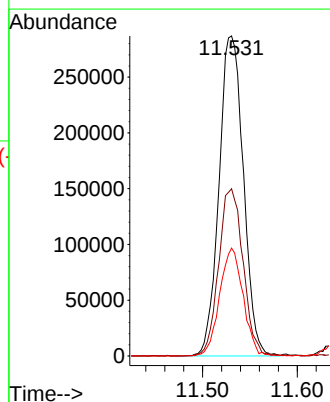
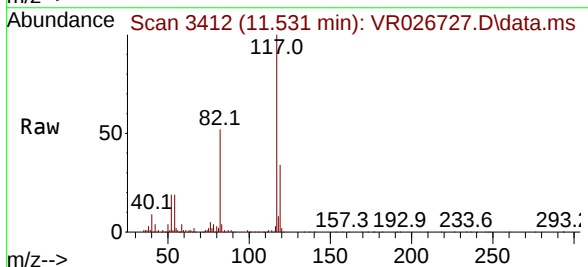
Instrument :
MSVOA_R
ClientSampleId :
VR0807WBSD01

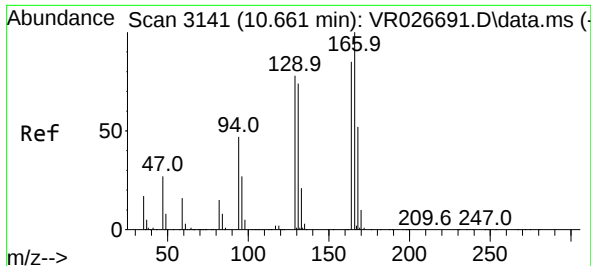
Tgt Ion: 95 Resp: 216465
Ion Ratio Lower Upper
95 100
174 84.6 0.0 158.4
176 80.9 0.0 149.0



#62
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.531 min Scan# 3412
Delta R.T. -0.013 min
Lab File: VR026727.D
Acq: 7 Aug 2025 14:54

Tgt Ion: 117 Resp: 512673
Ion Ratio Lower Upper
117 100
82 52.2 42.0 63.0
119 33.6 23.9 35.9

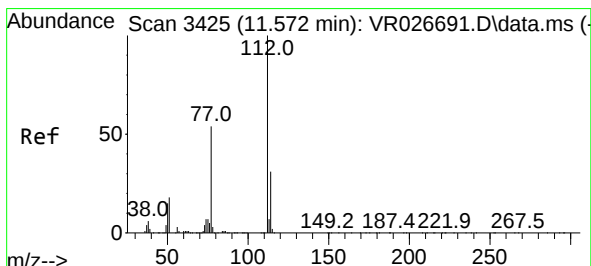
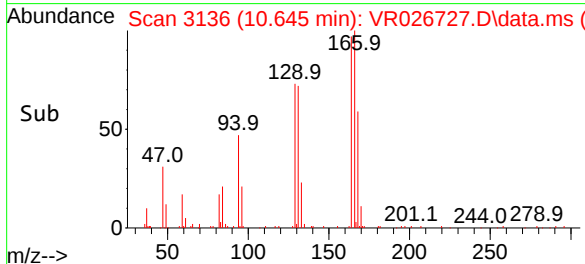
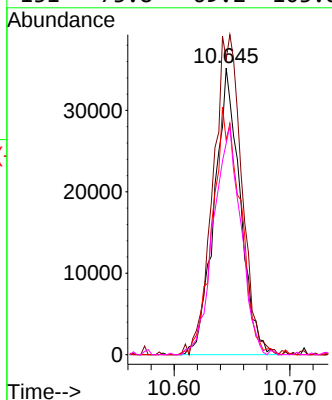
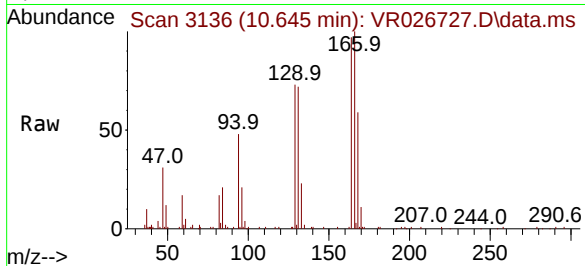




#63
Tetrachloroethene
Concen: 19.475 ug/l
RT: 10.645 min Scan# 3136
Delta R.T. -0.016 min
Lab File: VR026727.D
Acq: 7 Aug 2025 14:54

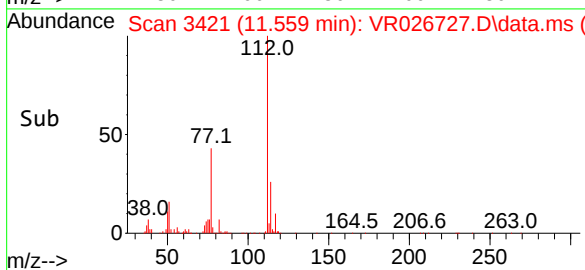
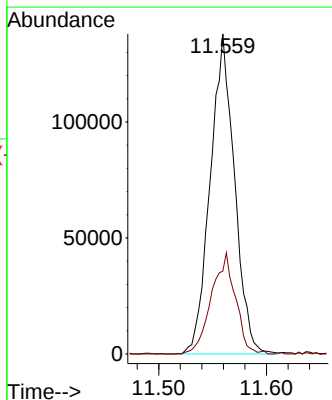
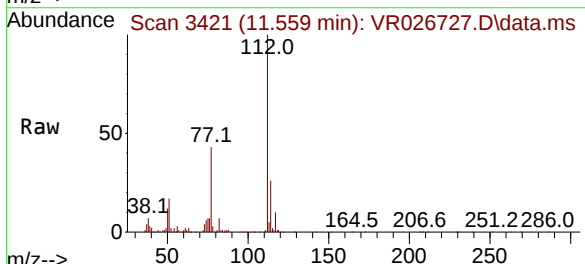
Instrument :
MSVOA_R
ClientSampleId :
VR0807WBSD01

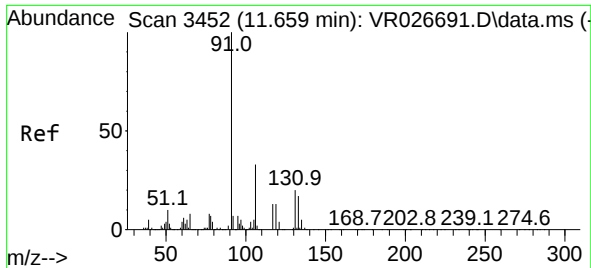
Tgt Ion:164	Resp:	54543	
Ion	Ratio	Lower	Upper
164	100		
166	103.0	93.7	140.5
129	74.9	73.4	110.2
131	73.8	69.2	103.8



#64
Chlorobenzene
Concen: 20.243 ug/l
RT: 11.559 min Scan# 3421
Delta R.T. -0.013 min
Lab File: VR026727.D
Acq: 7 Aug 2025 14:54

Tgt Ion:112	Resp:	215980	
Ion	Ratio	Lower	Upper
112	100		
114	25.7	25.0	37.6

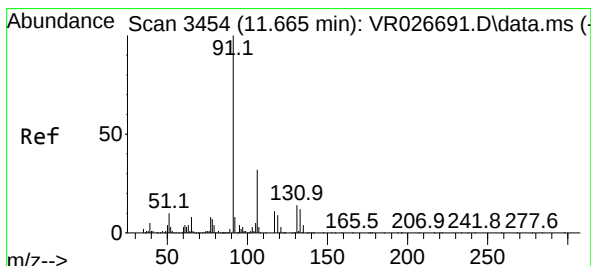
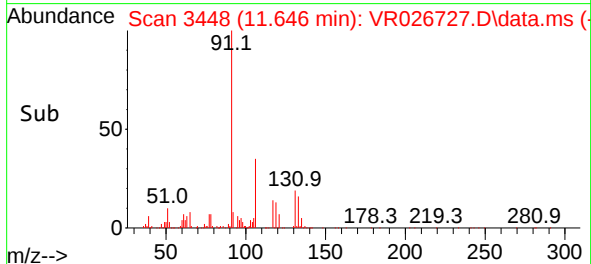
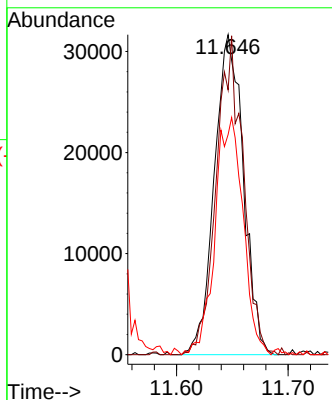
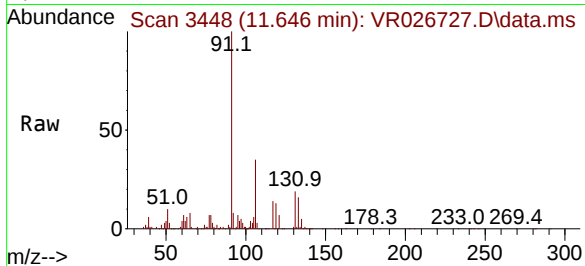




#65
1,1,1,2-Tetrachloroethane
Concen: 19.601 ug/l
RT: 11.646 min Scan# 3452
Delta R.T. -0.013 min
Lab File: VR026727.D
Acq: 7 Aug 2025 14:54

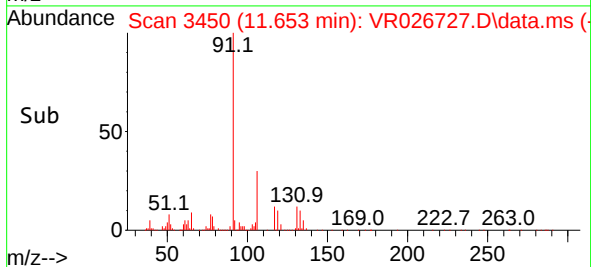
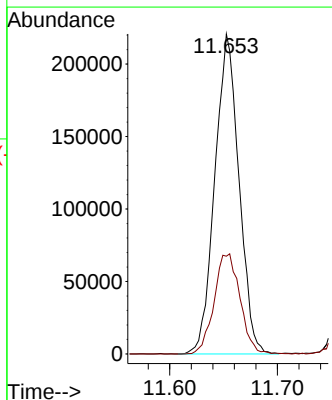
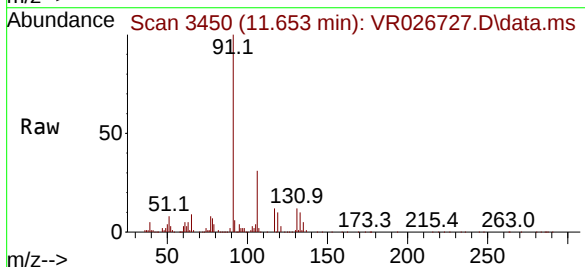
Instrument :
MSVOA_R
ClientSampleId :
VR0807WBSD01

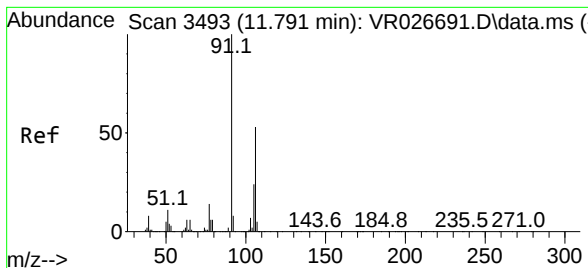
Tgt Ion:131 Resp: 57122
Ion Ratio Lower Upper
131 100
133 92.2 46.2 138.5
119 71.6 35.7 107.1



#66
Ethyl Benzene
Concen: 19.263 ug/l
RT: 11.653 min Scan# 3450
Delta R.T. -0.013 min
Lab File: VR026727.D
Acq: 7 Aug 2025 14:54

Tgt Ion: 91 Resp: 343171
Ion Ratio Lower Upper
91 100
106 30.5 25.4 38.0

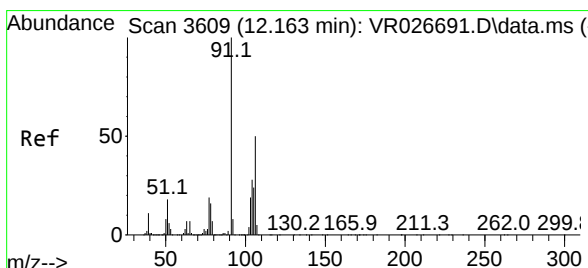
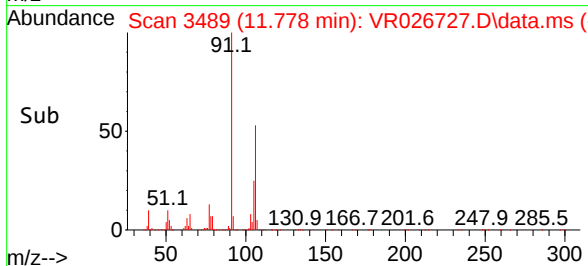
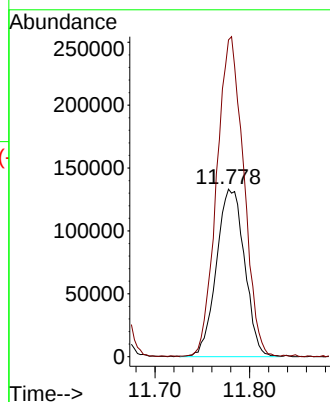
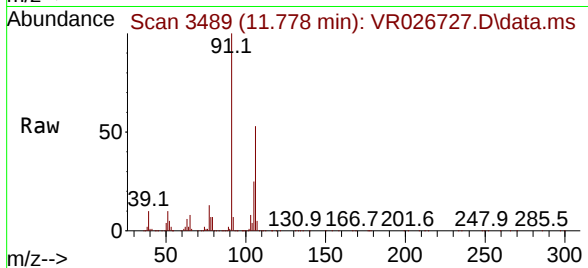




#67
m/p-Xylenes
Concen: 38.672 ug/l
RT: 11.778 min Scan# 3493
Delta R.T. -0.013 min
Lab File: VR026727.D
Acq: 7 Aug 2025 14:54

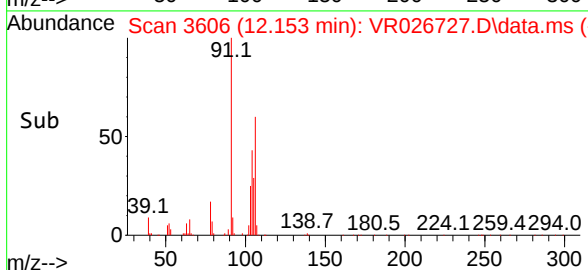
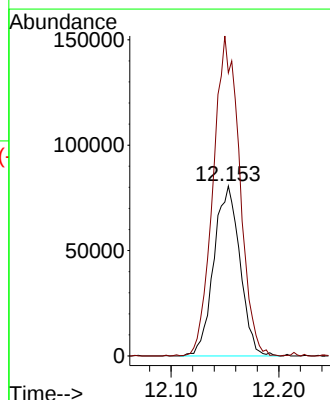
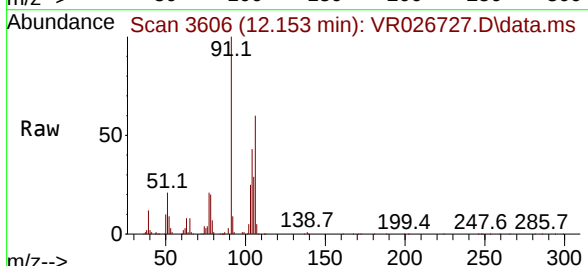
Instrument :
MSVOA_R
ClientSampleId :
VR0807WBSD01

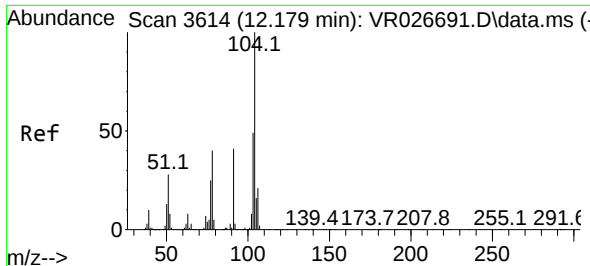
Tgt Ion:106 Resp: 275252
Ion Ratio Lower Upper
106 100
91 183.0 146.8 220.2



#68
o-Xylene
Concen: 19.628 ug/l
RT: 12.153 min Scan# 3606
Delta R.T. -0.010 min
Lab File: VR026727.D
Acq: 7 Aug 2025 14:54

Tgt Ion:106 Resp: 135612
Ion Ratio Lower Upper
106 100
91 190.9 97.9 293.6

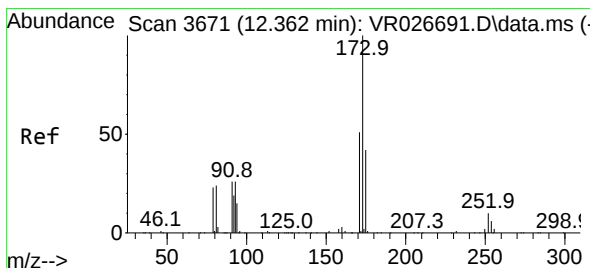
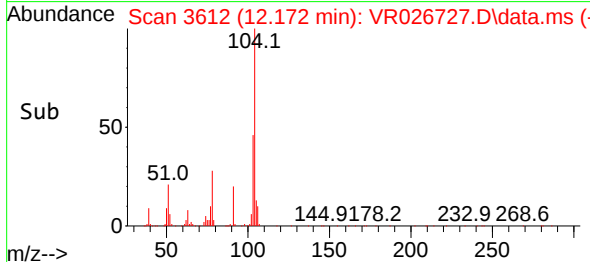
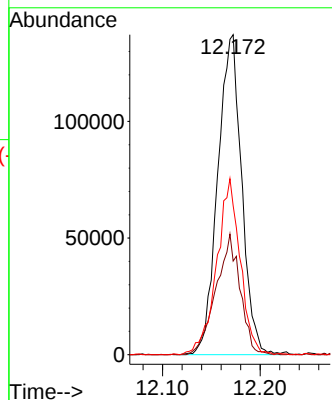
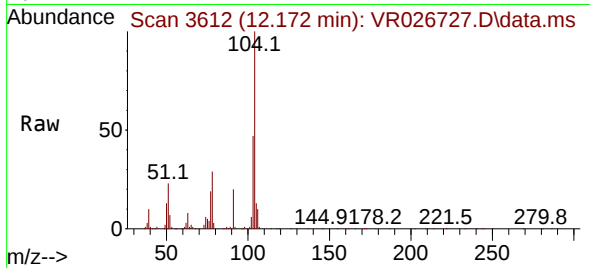




#69
Styrene
Concen: 20.196 ug/l
RT: 12.172 min Scan# 3612
Delta R.T. -0.006 min
Lab File: VR026727.D
Acq: 7 Aug 2025 14:54

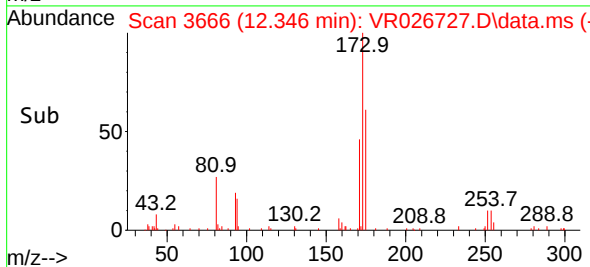
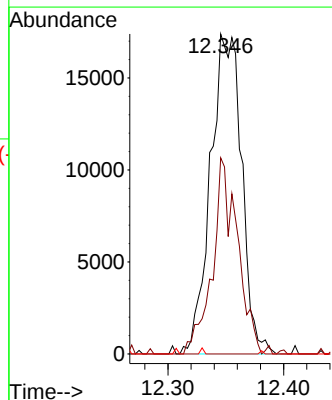
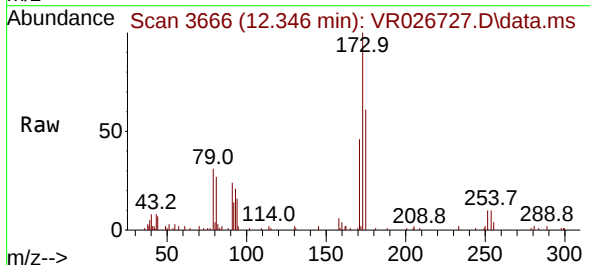
Instrument :
MSVOA_R
ClientSampleId :
VR0807WBSD01

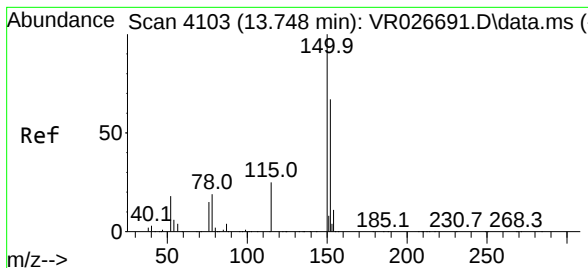
Tgt Ion:104 Resp: 233181
Ion Ratio Lower Upper
104 100
78 38.1 34.5 51.7
103 54.0 43.2 64.8



#70
Bromoform
Concen: 19.678 ug/l
RT: 12.346 min Scan# 3666
Delta R.T. -0.016 min
Lab File: VR026727.D
Acq: 7 Aug 2025 14:54

Tgt Ion:173 Resp: 32455
Ion Ratio Lower Upper
173 100
175 49.3 23.6 71.0
254 0.2 0.1 0.1#

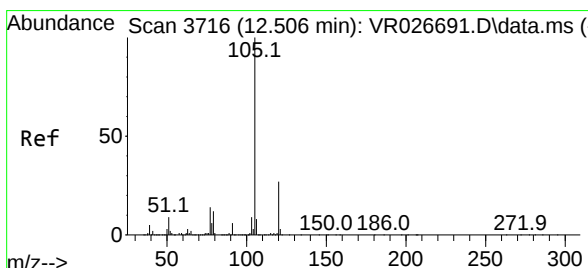
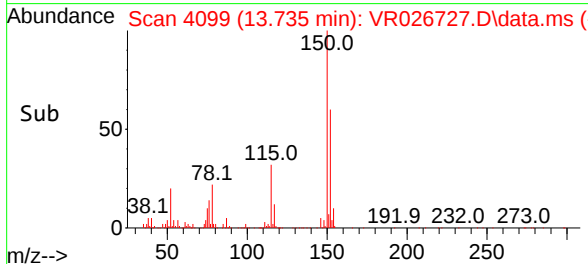
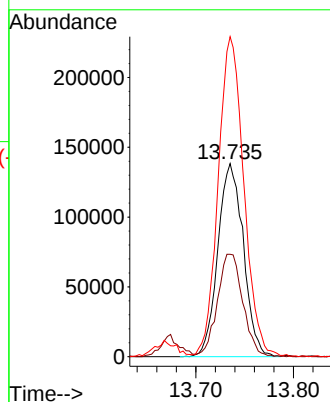
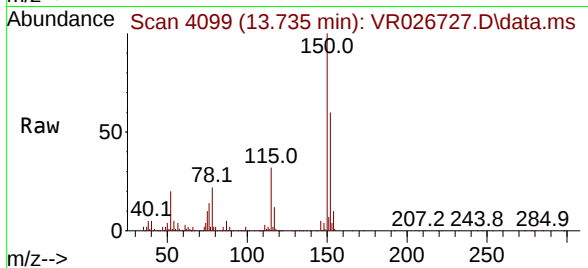




#71
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.735 min Scan# 4099
 Delta R.T. -0.013 min
 Lab File: VR026727.D
 Acq: 7 Aug 2025 14:54

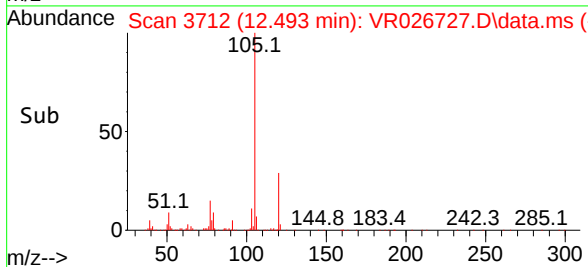
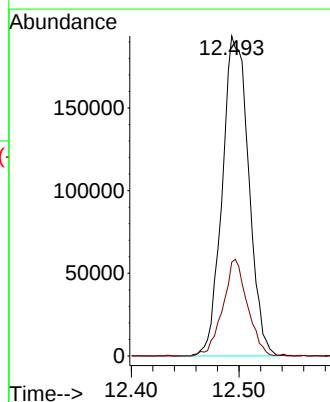
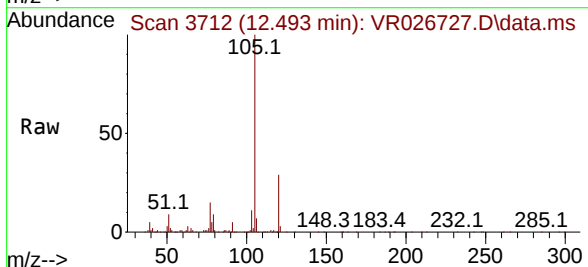
Instrument :
 MSVOA_R
 ClientSampleId :
 VR0807WBSD01

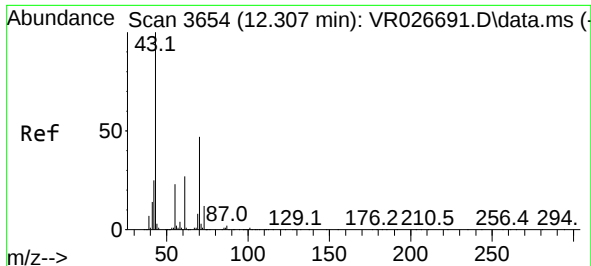
Tgt Ion:152 Resp: 251005
 Ion Ratio Lower Upper
 152 100
 115 52.9 27.8 83.4
 150 167.2 0.0 350.4



#72
 Isopropylbenzene
 Concen: 18.430 ug/l
 RT: 12.493 min Scan# 3712
 Delta R.T. -0.013 min
 Lab File: VR026727.D
 Acq: 7 Aug 2025 14:54

Tgt Ion:105 Resp: 329719
 Ion Ratio Lower Upper
 105 100
 120 28.2 14.2 42.8



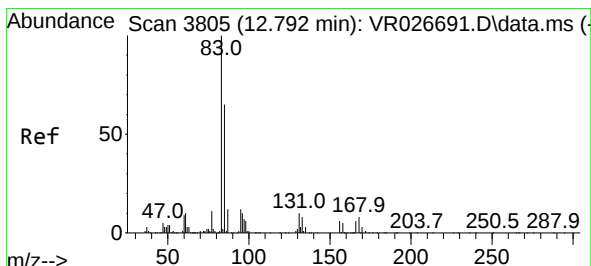
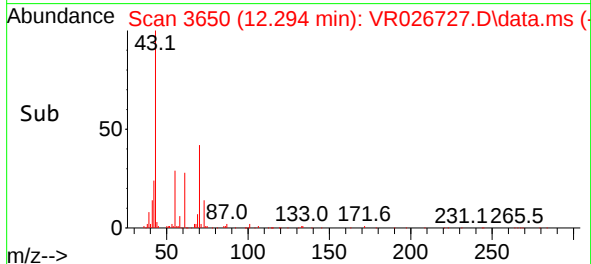
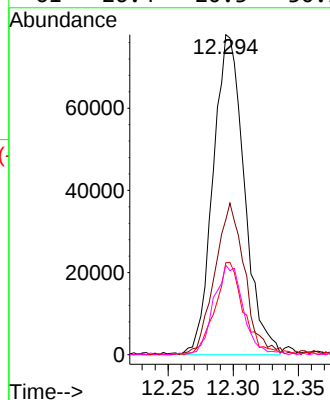
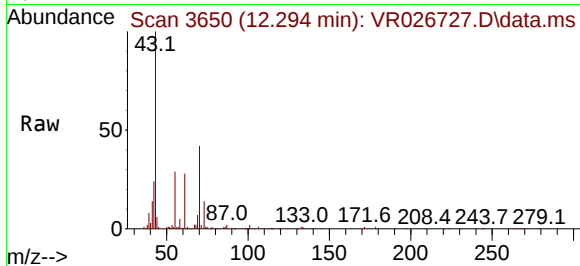


#73
N-amy1 acetate
Concen: 18.247 ug/l
RT: 12.294 min Scan# 30
Delta R.T. -0.013 min
Lab File: VR026727.D
Acq: 7 Aug 2025 14:54

Instrument :
MSVOA_R
ClientSampleId :
VR0807WBSD01

Tgt Ion: 43 Resp: 129437

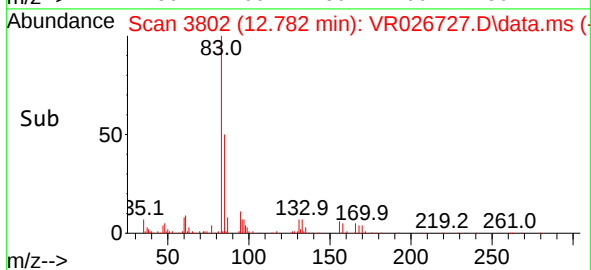
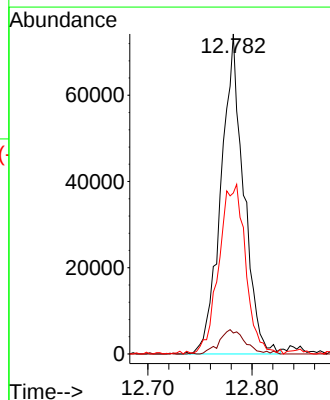
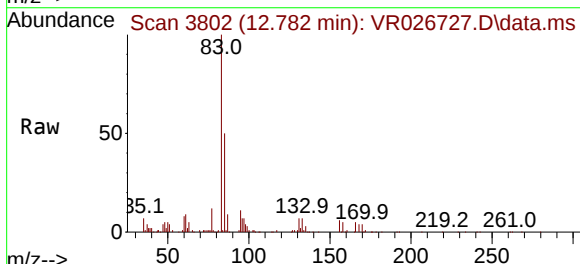
Ion	Ratio	Lower	Upper
43	100		
70	45.7	36.4	54.6
55	26.9	18.7	28.1
61	26.4	20.3	30.5

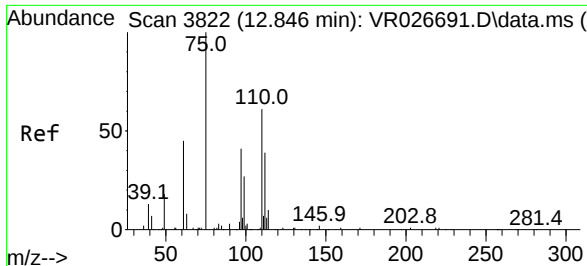


#74
1,1,2,2-Tetrachloroethane
Concen: 21.372 ug/l
RT: 12.782 min Scan# 3802
Delta R.T. -0.010 min
Lab File: VR026727.D
Acq: 7 Aug 2025 14:54

Tgt Ion: 83 Resp: 112184

Ion	Ratio	Lower	Upper
83	100		
131	8.4	4.2	12.4
85	62.2	32.3	96.8

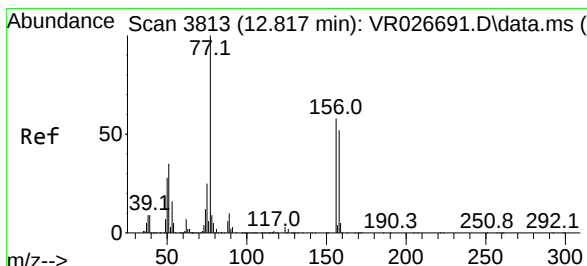
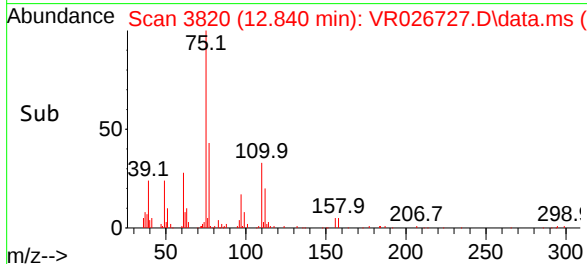
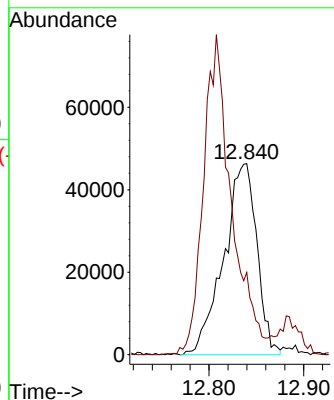
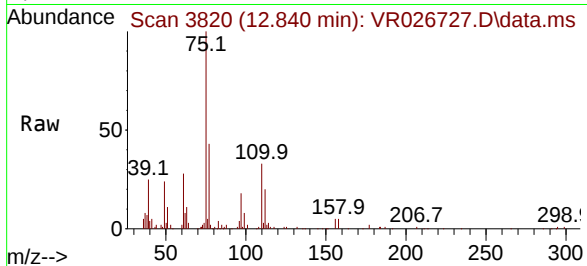




#75
1,2,3-Trichloropropane
Concen: 27.143 ug/l
RT: 12.840 min Scan# 3822
Delta R.T. -0.006 min
Lab File: VR026727.D
Acq: 7 Aug 2025 14:54

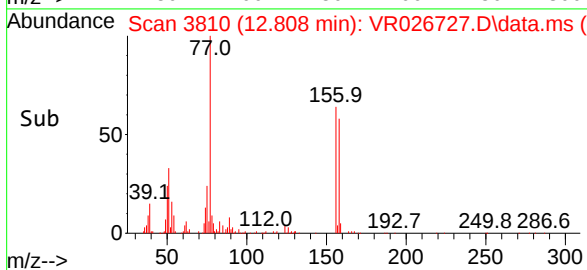
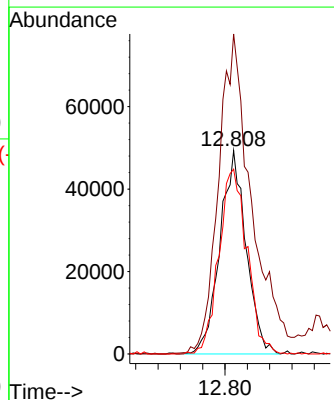
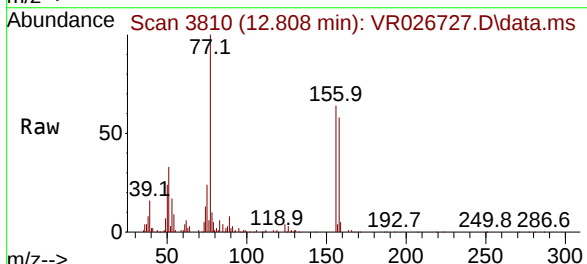
Instrument :
MSVOA_R
ClientSampleId :
VR0807WBSD01

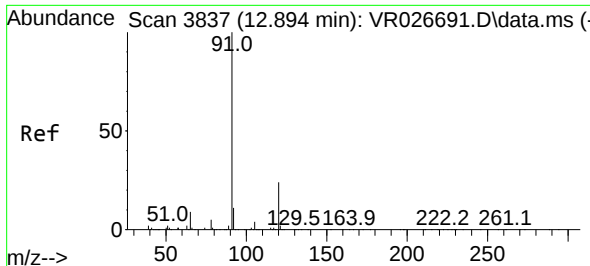
Tgt Ion: 75 Resp: 112932
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#76
Bromobenzene
Concen: 19.398 ug/l
RT: 12.808 min Scan# 3810
Delta R.T. -0.010 min
Lab File: VR026727.D
Acq: 7 Aug 2025 14:54

Tgt Ion:156 Resp: 80312
Ion Ratio Lower Upper
156 100
77 198.0 105.5 316.4
158 97.7 46.4 139.1

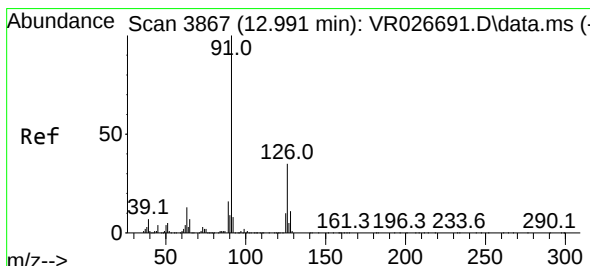
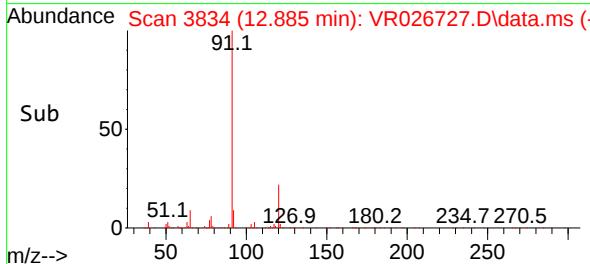
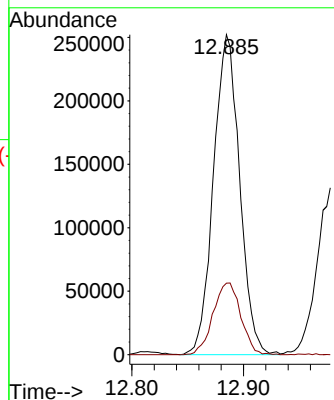
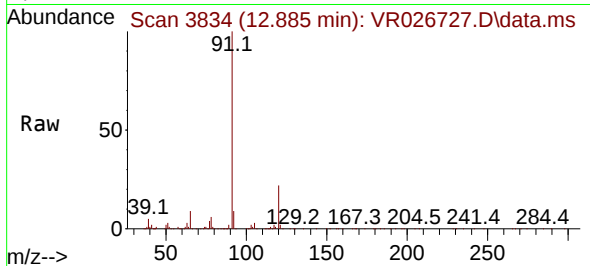




#77
n-propylbenzene
Concen: 19.203 ug/l
RT: 12.885 min Scan# 3834
Delta R.T. -0.010 min
Lab File: VR026727.D
Acq: 7 Aug 2025 14:54

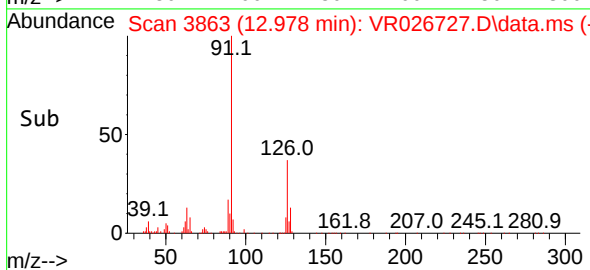
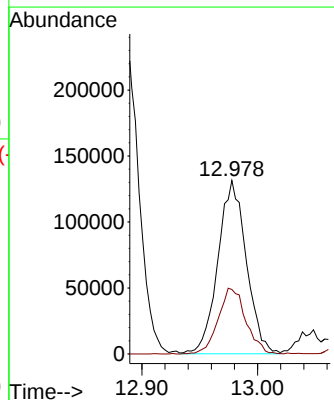
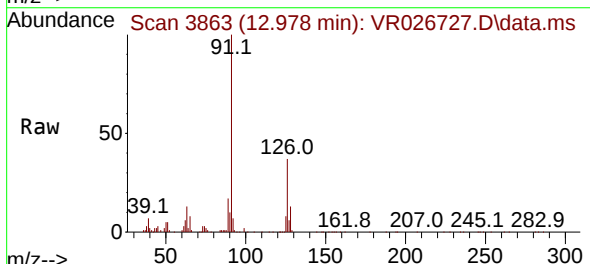
Instrument :
MSVOA_R
ClientSampleId :
VR0807WBSD01

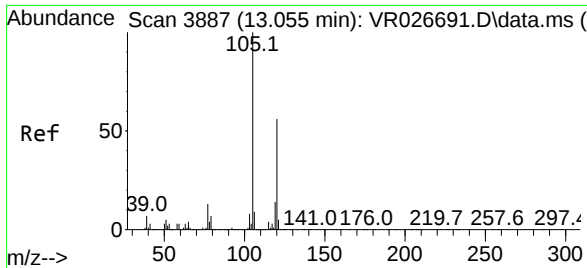
Tgt Ion: 91 Resp: 409878
Ion Ratio Lower Upper
91 100
120 23.7 11.9 35.9



#78
2-Chlorotoluene
Concen: 18.505 ug/l
RT: 12.978 min Scan# 3863
Delta R.T. -0.013 min
Lab File: VR026727.D
Acq: 7 Aug 2025 14:54

Tgt Ion: 91 Resp: 224095
Ion Ratio Lower Upper
91 100
126 36.8 17.5 52.6

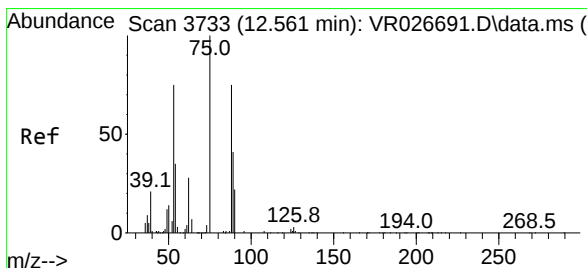
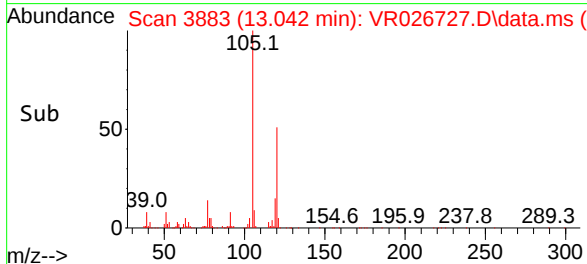
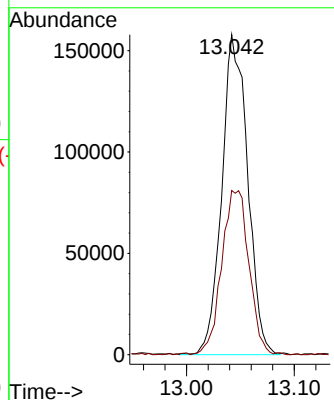
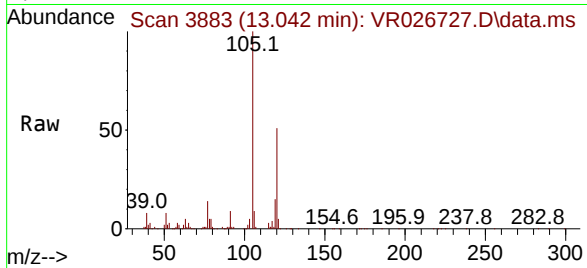




#79
 1,3,5-Trimethylbenzene
 Concen: 18.792 ug/l
 RT: 13.042 min Scan# 3883
 Delta R.T. -0.013 min
 Lab File: VR026727.D
 Acq: 7 Aug 2025 14:54

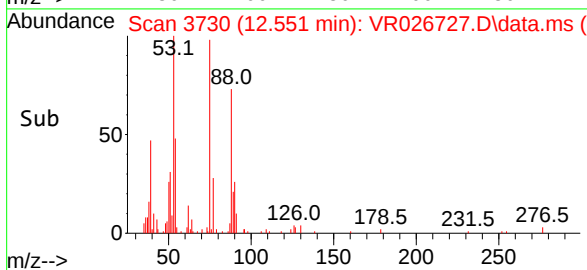
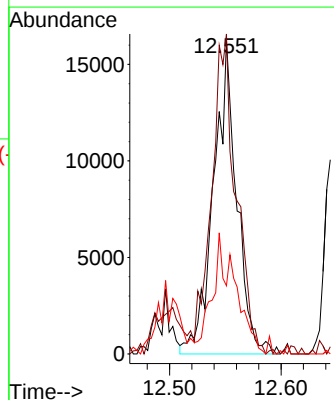
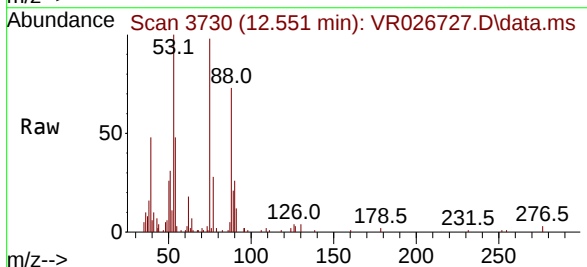
Instrument :
 MSVOA_R
 ClientSampleId :
 VR0807WBSD01

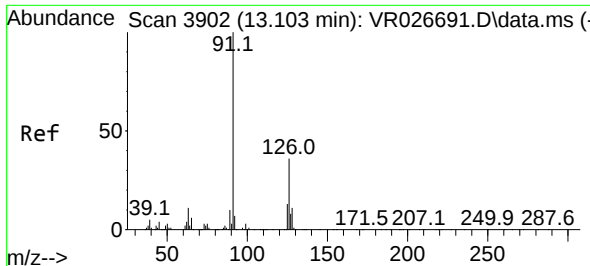
Tgt Ion:105 Resp: 262900
 Ion Ratio Lower Upper
 105 100
 120 54.0 26.6 79.7



#80
 trans-1,4-Dichloro-2-butene
 Concen: 16.444 ug/l
 RT: 12.551 min Scan# 3730
 Delta R.T. -0.010 min
 Lab File: VR026727.D
 Acq: 7 Aug 2025 14:54

Tgt Ion: 75 Resp: 23491
 Ion Ratio Lower Upper
 75 100
 53 108.7 67.8 101.6#
 89 17.1 34.6 52.0#

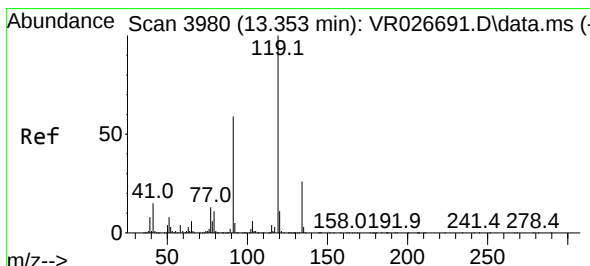
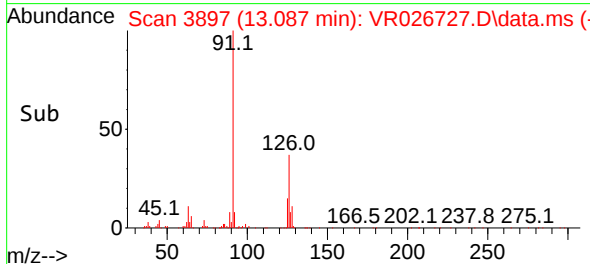
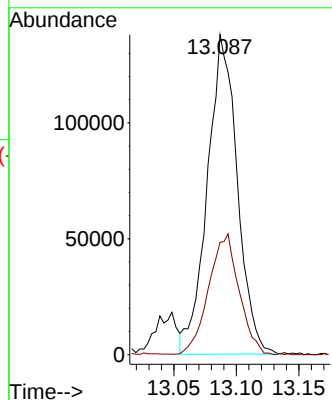
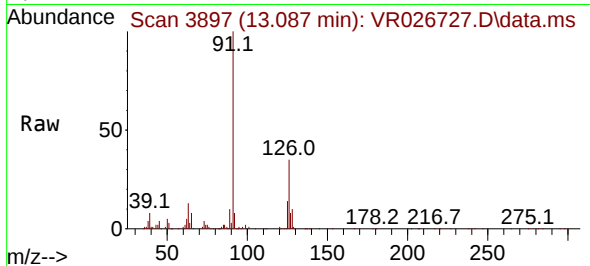




#81
4-Chlorotoluene
Concen: 18.564 ug/l
RT: 13.087 min Scan# 3902
Delta R.T. -0.016 min
Lab File: VR026727.D
Acq: 7 Aug 2025 14:54

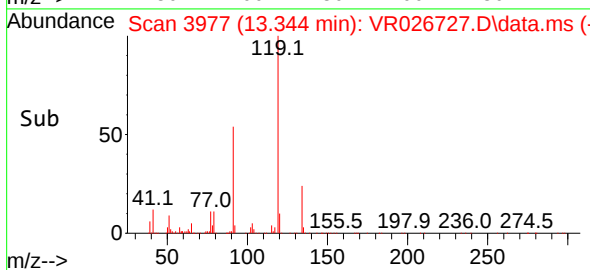
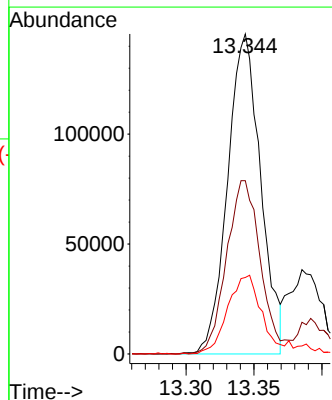
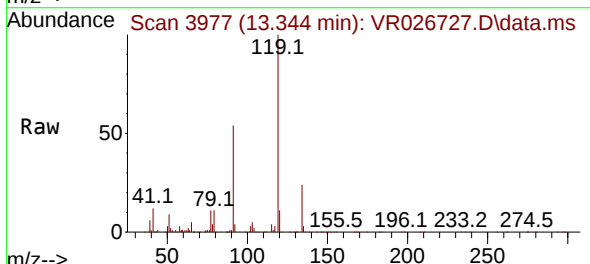
Instrument :
MSVOA_R
ClientSampleId :
VR0807WBSD01

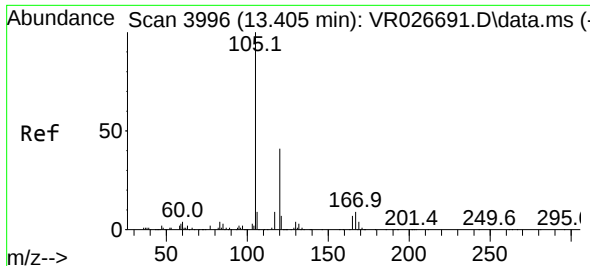
Tgt Ion: 91 Resp: 229654
Ion Ratio Lower Upper
91 100
126 38.5 17.8 53.3



#82
tert-Butylbenzene
Concen: 19.374 ug/l
RT: 13.344 min Scan# 3977
Delta R.T. -0.010 min
Lab File: VR026727.D
Acq: 7 Aug 2025 14:54

Tgt Ion: 119 Resp: 246531
Ion Ratio Lower Upper
119 100
91 55.7 29.9 89.7
134 25.0 13.5 40.4

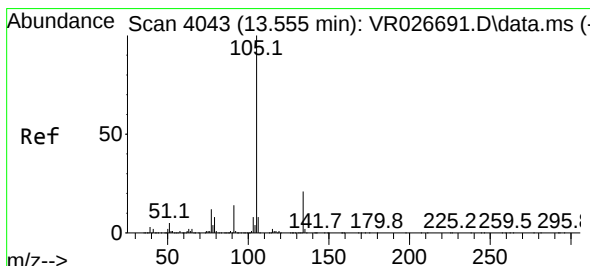
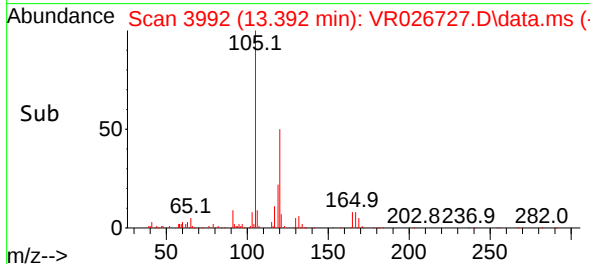
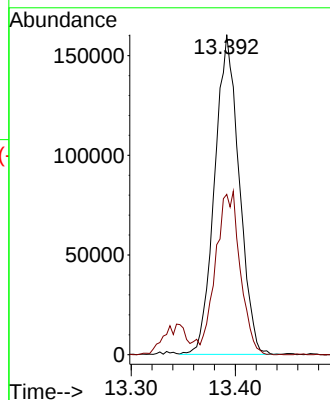
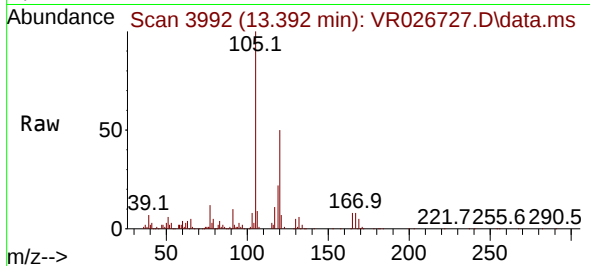




#83
1,2,4-Trimethylbenzene
Concen: 18.917 ug/l
RT: 13.392 min Scan# 3996
Delta R.T. -0.013 min
Lab File: VR026727.D
Acq: 7 Aug 2025 14:54

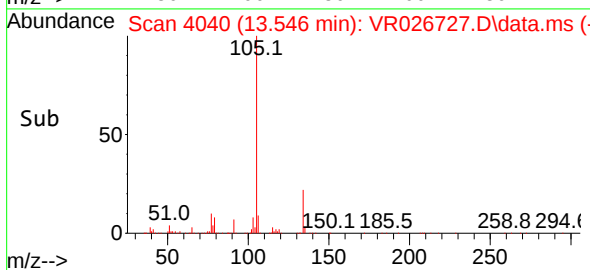
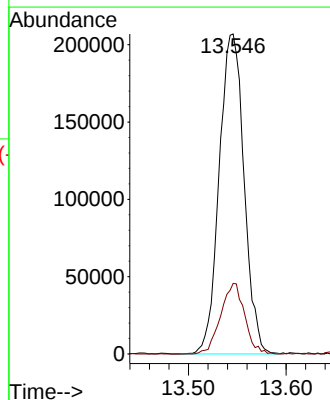
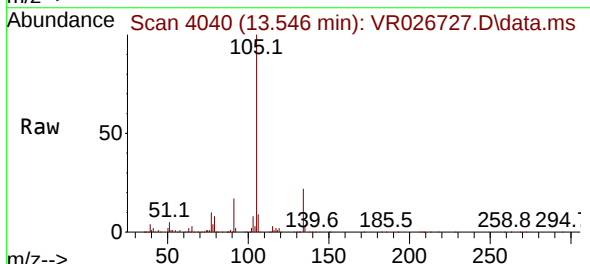
Instrument :
MSVOA_R
ClientSampleId :
VR0807WBSD01

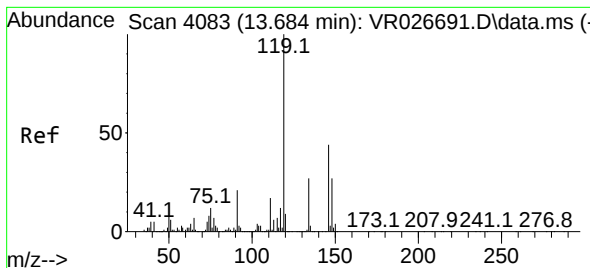
Tgt Ion:105 Resp: 261963
Ion Ratio Lower Upper
105 100
120 51.1 25.0 75.0



#84
sec-Butylbenzene
Concen: 19.379 ug/l
RT: 13.546 min Scan# 4040
Delta R.T. -0.010 min
Lab File: VR026727.D
Acq: 7 Aug 2025 14:54

Tgt Ion:105 Resp: 365699
Ion Ratio Lower Upper
105 100
134 21.2 10.4 31.1





#85

p-Isopropyltoluene

Concen: 19.261 ug/l

RT: 13.674 min Scan# 4080

Delta R.T. -0.010 min

Lab File: VR026727.D

Acq: 7 Aug 2025 14:54

Instrument :

MSVOA_R

ClientSampleId :

VR0807WBSD01

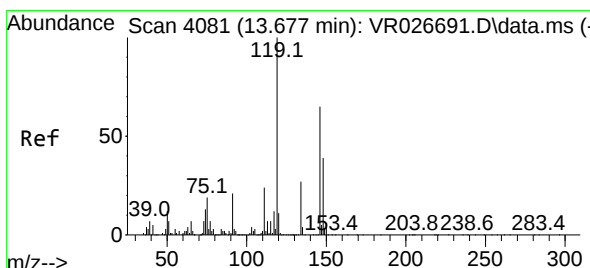
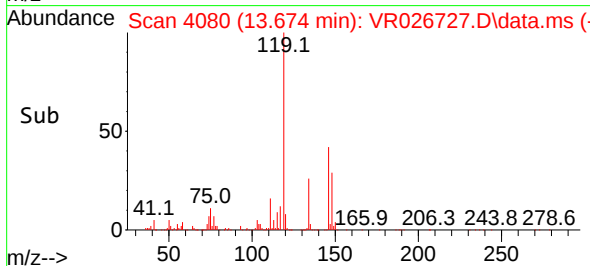
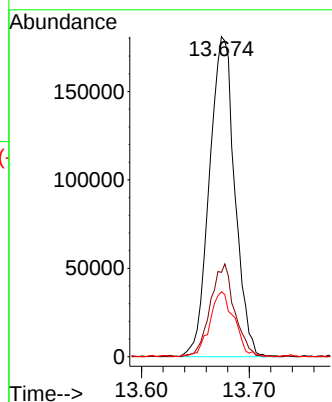
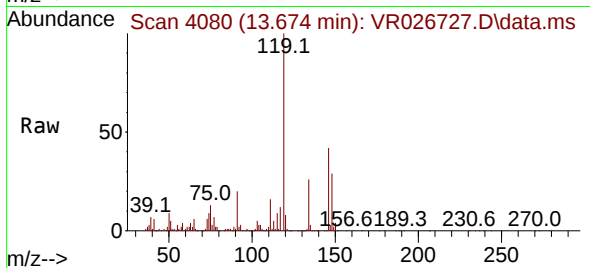
Tgt Ion:119 Resp: 296371

Ion Ratio Lower Upper

119 100

134 27.6 13.9 41.7

91 19.8 10.4 31.2



#86

1,3-Dichlorobenzene

Concen: 20.120 ug/l

RT: 13.671 min Scan# 4079

Delta R.T. -0.006 min

Lab File: VR026727.D

Acq: 7 Aug 2025 14:54

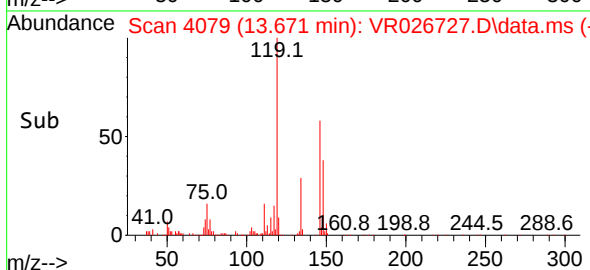
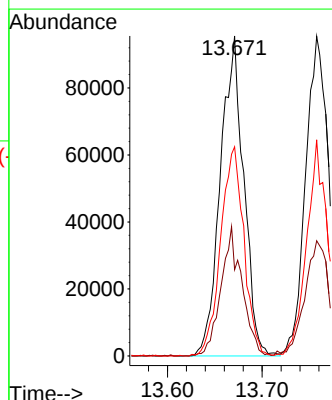
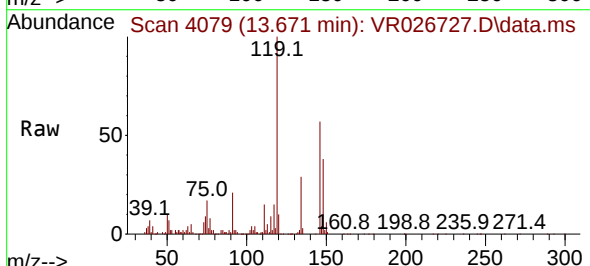
Tgt Ion:146 Resp: 163314

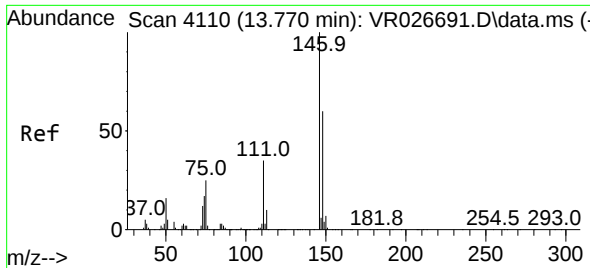
Ion Ratio Lower Upper

146 100

111 36.6 19.4 58.2

148 65.2 31.4 94.3

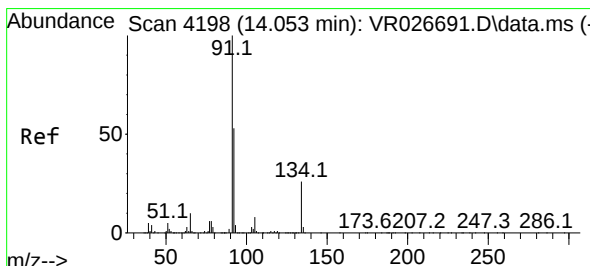
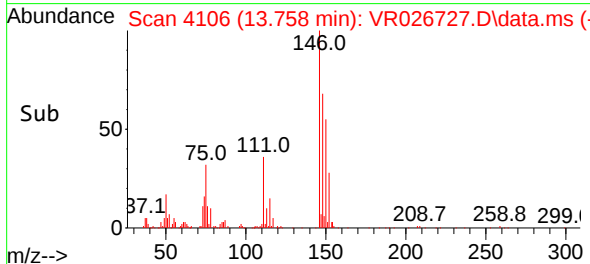
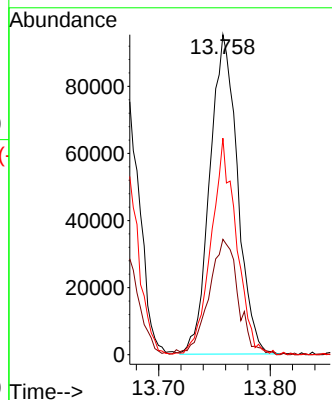
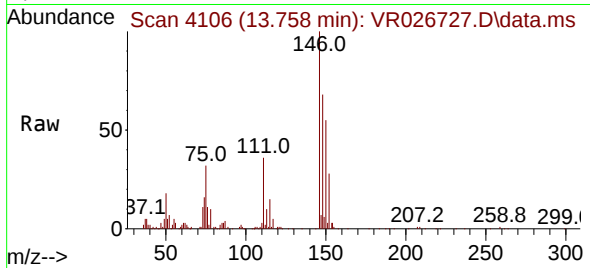




#87
1,4-Dichlorobenzene
Concen: 20.115 ug/l
RT: 13.758 min Scan# 4110
Delta R.T. -0.013 min
Lab File: VR026727.D
Acq: 7 Aug 2025 14:54

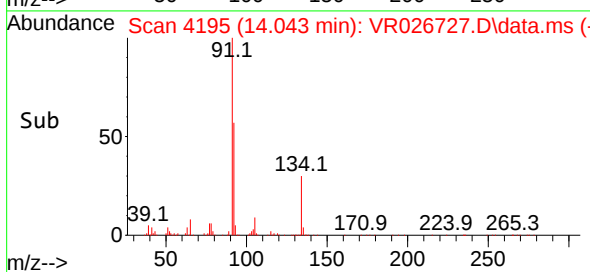
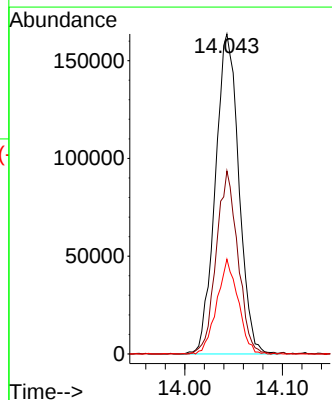
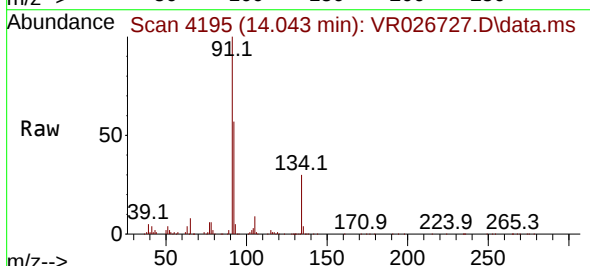
Instrument :
MSVOA_R
ClientSampleId :
VR0807WBSD01

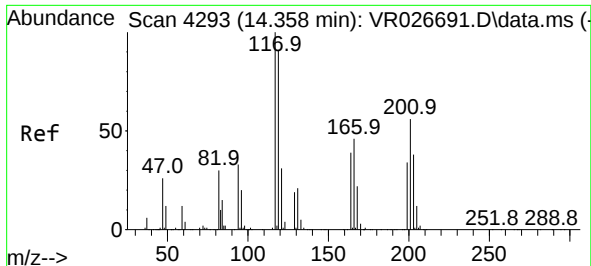
Tgt Ion:146 Resp: 163876
Ion Ratio Lower Upper
146 100
111 38.4 19.1 57.3
148 61.8 32.6 97.8



#88
n-Butylbenzene
Concen: 19.325 ug/l
RT: 14.043 min Scan# 4195
Delta R.T. -0.010 min
Lab File: VR026727.D
Acq: 7 Aug 2025 14:54

Tgt Ion: 91 Resp: 274063
Ion Ratio Lower Upper
91 100
92 52.7 27.1 81.2
134 26.9 13.1 39.3

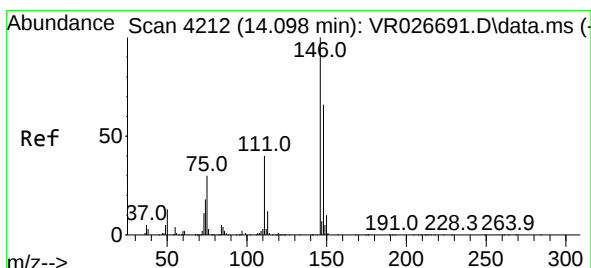
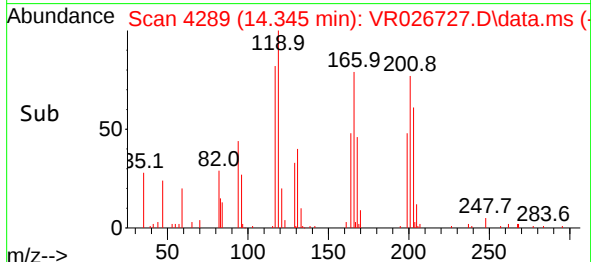
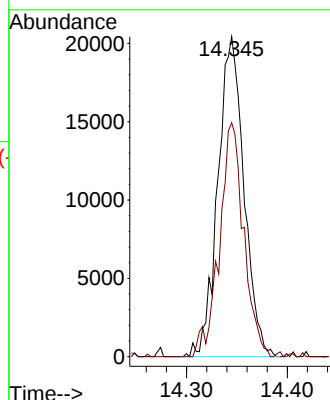
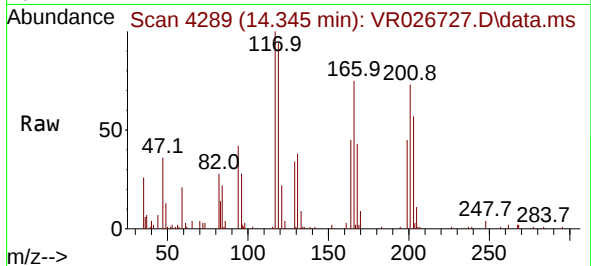




#89
Hexachloroethane
Concen: 16.631 ug/l
RT: 14.345 min Scan# 41
Delta R.T. -0.013 min
Lab File: VR026727.D
Acq: 7 Aug 2025 14:54

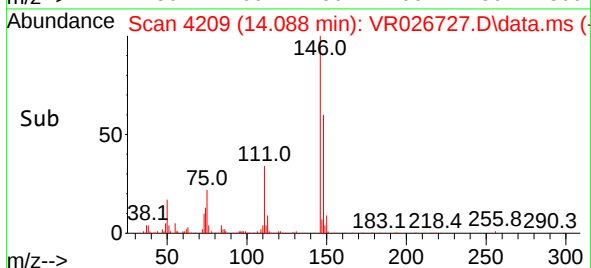
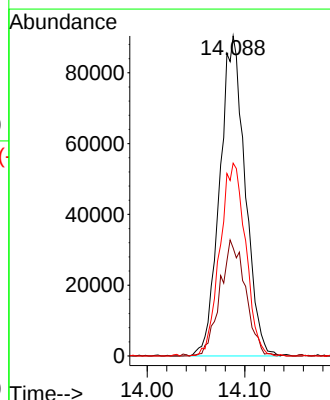
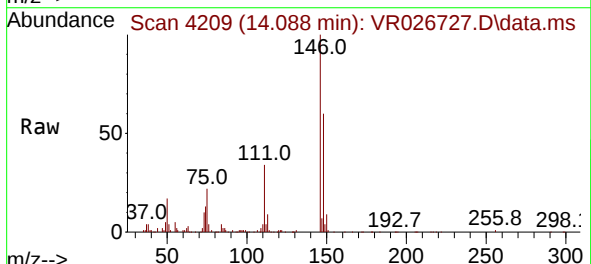
Instrument :
MSVOA_R
ClientSampleId :
VR0807WBSD01

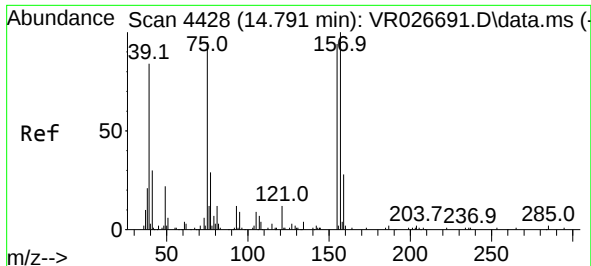
Tgt Ion:117 Resp: 36747
Ion Ratio Lower Upper
117 100
201 67.9 30.6 92.0



#90
1,2-Dichlorobenzene
Concen: 21.378 ug/l
RT: 14.088 min Scan# 4209
Delta R.T. -0.010 min
Lab File: VR026727.D
Acq: 7 Aug 2025 14:54

Tgt Ion:146 Resp: 162978
Ion Ratio Lower Upper
146 100
111 36.5 20.0 60.0
148 60.9 32.4 97.0





#91

1,2-Dibromo-3-Chloropropane

Concen: 19.540 ug/l

RT: 14.788 min Scan# 4428

Delta R.T. -0.003 min

Lab File: VR026727.D

Acq: 7 Aug 2025 14:54

Instrument :

MSVOA_R

ClientSampleId :

VR0807WBSD01

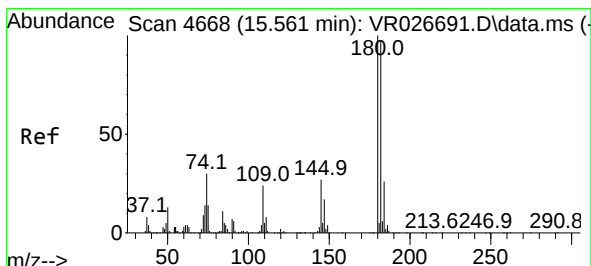
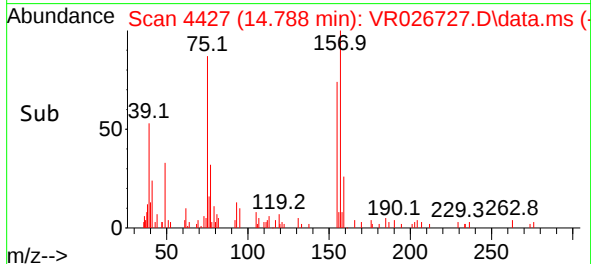
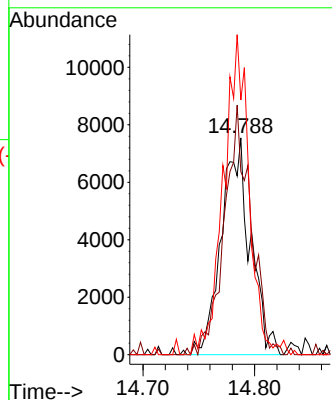
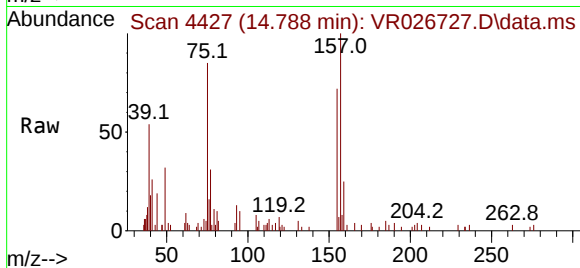
Tgt Ion: 75 Resp: 13658

Ion Ratio Lower Upper

75 100

155 104.7 48.0 144.2

157 128.3 59.5 178.4



#92

1,2,4-Trichlorobenzene

Concen: 20.620 ug/l

RT: 15.548 min Scan# 4664

Delta R.T. -0.013 min

Lab File: VR026727.D

Acq: 7 Aug 2025 14:54

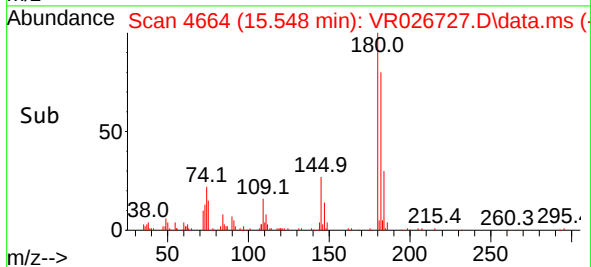
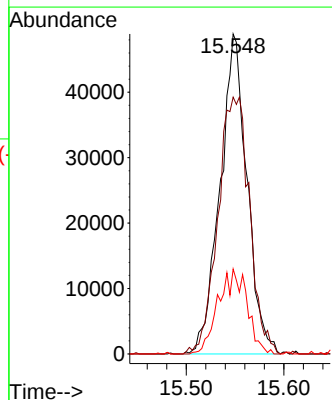
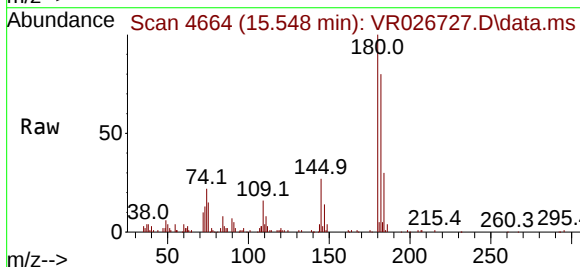
Tgt Ion:180 Resp: 93998

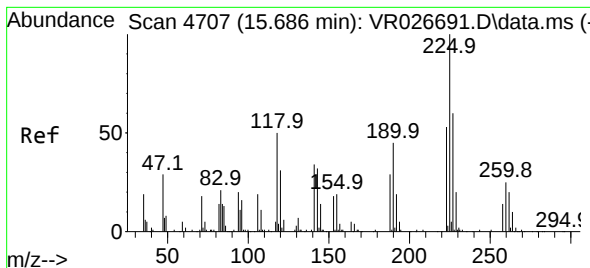
Ion Ratio Lower Upper

180 100

182 93.7 47.0 141.0

145 28.3 15.2 45.5





#93

Hexachlorobutadiene

Concen: 19.255 ug/l

RT: 15.676 min Scan# 4704

Delta R.T. -0.010 min

Lab File: VR026727.D

Acq: 7 Aug 2025 14:54

Instrument :

MSVOA_R

ClientSampleId :

VR0807WBSD01

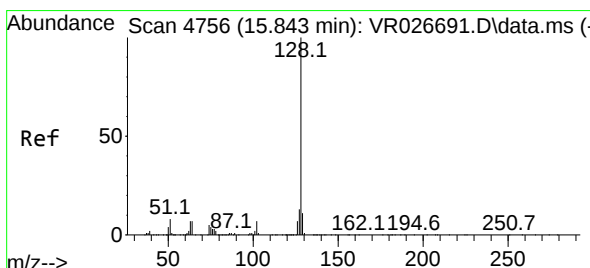
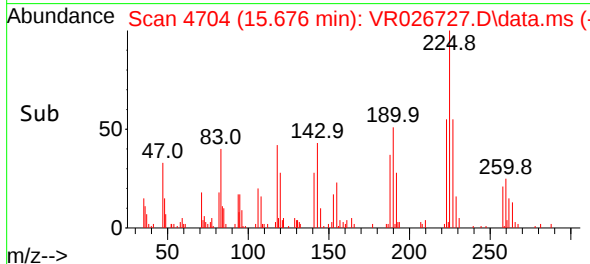
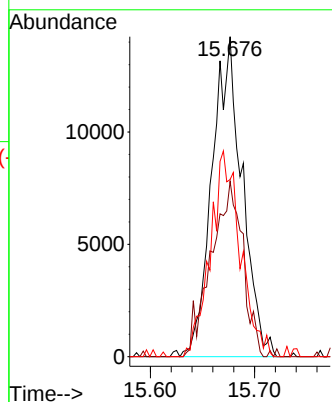
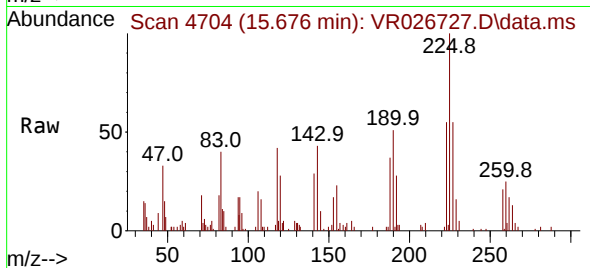
Tgt Ion:225 Resp: 28519

Ion Ratio Lower Upper

225 100

223 57.5 31.4 94.2

227 64.5 31.6 95.0



#94

Naphthalene

Concen: 22.264 ug/l

RT: 15.831 min Scan# 4752

Delta R.T. -0.013 min

Lab File: VR026727.D

Acq: 7 Aug 2025 14:54

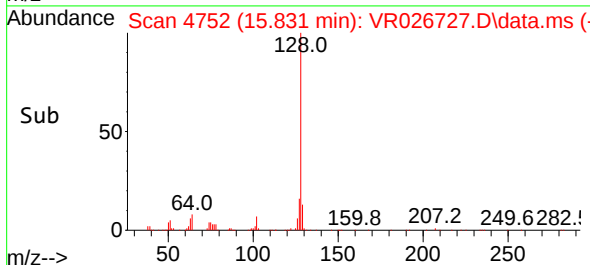
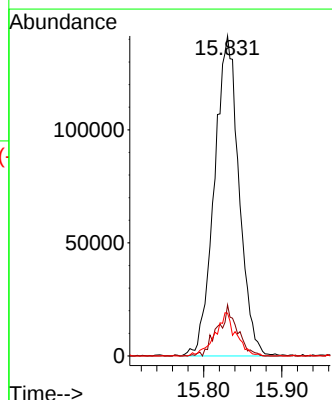
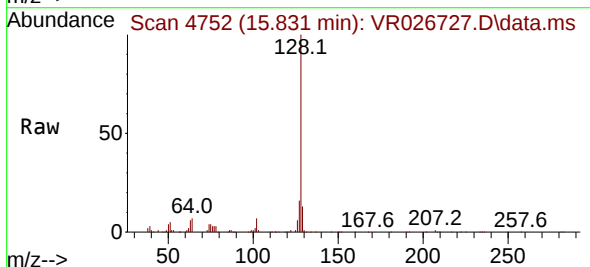
Tgt Ion:128 Resp: 311020

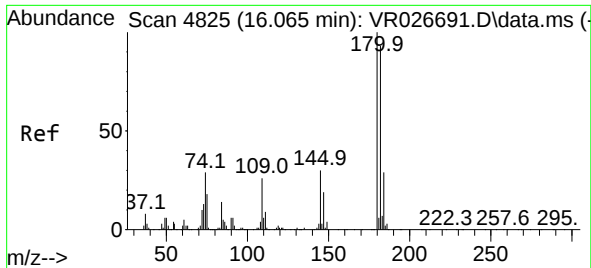
Ion Ratio Lower Upper

128 100

127 12.7 9.8 14.8

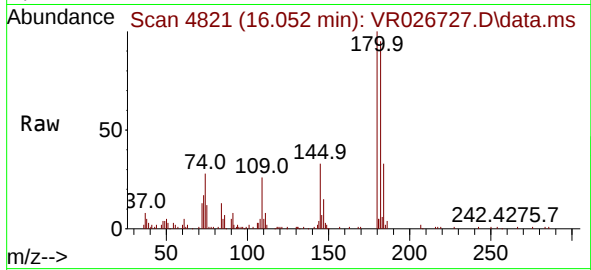
129 11.6 8.6 13.0





#95
 1,2,3-Trichlorobenzene
 Concen: 22.024 ug/l
 RT: 16.052 min Scan# 4821
 Delta R.T. -0.013 min
 Lab File: VR026727.D
 Acq: 7 Aug 2025 14:54

Instrument :
 MSVOA_R
 ClientSampleId :
 VR0807WBSD01



Tgt Ion:	180	Resp:	95315
Ion	Ratio	Lower	Upper
180	100		
182	92.8	47.2	141.6
145	29.6	15.5	46.5

