

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR080525\
 Data File : VR026707.D
 Acq On : 5 Aug 2025 11:48
 Operator : SY/MD
 Sample : VR0805WBS01
 Misc : 5mL/MSVOA_R/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Aug 06 01:20:33 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	7.289	168	468199	50.000	ug/l	-0.02
33) 1,4-Difluorobenzene	8.319	114	861457	50.000	ug/l	-0.01
62) Chlorobenzene-d5	11.531	117	667654	50.000	ug/l	-0.01
71) 1,4-Dichlorobenzene-d4	13.738	152	315726	50.000	ug/l	0.00
System Monitoring Compounds						
32) 1,2-Dichloroethane-d4	7.680	65	289741	48.894	ug/l	-0.02
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.780%
34) Dibromofluoromethane	7.192	113	244608	45.908	ug/l	-0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.820%
49) Toluene-d8	10.026	98	991491	51.941	ug/l	-0.01
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.880%
61) 4-Bromofluorobenzene	12.667	95	268556	49.463	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	98.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.660	85	56830	16.654	ug/l	100
3) Chloromethane	1.840	50	97860	19.293	ug/l	92
4) Vinyl Chloride	1.955	62	115347	22.253	ug/l	90
5) Bromomethane	2.299	94	58632	23.214	ug/l	96
6) Chloroethane	2.421	64	68166	20.425	ug/l	98
7) Trichlorofluoromethane	2.706	101	224989	24.082	ug/l	100
8) Diethyl Ether	3.072	74	73618	17.760	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.374	101	87874	17.436	ug/l	96
10) Methyl Iodide	3.537	142	80387	16.527	ug/l	97
11) Tert butyl alcohol	4.307	59	81225	87.608	ug/l #	74
12) 1,1-Dichloroethene	3.351	96	85883	17.244	ug/l	93
13) Acrolein	3.239	56	132241	97.574	ug/l	96
14) Allyl chloride	3.881	41	174589	17.818	ug/l	94
15) Acrylonitrile	4.474	53	352945	95.900	ug/l	96
16) Acetone	3.431	43	242575	87.218	ug/l	92
17) Carbon Disulfide	3.630	76	104892	14.228	ug/l #	93
18) Methyl Acetate	3.890	43	237094	20.425	ug/l #	75
19) Methyl tert-butyl Ether	4.542	73	349542	17.537	ug/l	98
20) Methylene Chloride	4.080	84	115014	17.426	ug/l	90
21) trans-1,2-Dichloroethene	4.522	96	91916	16.788	ug/l	92
22) Diisopropyl ether	5.456	45	460027	20.035	ug/l #	92
23) Vinyl Acetate	5.379	43	1342465	102.543	ug/l #	91
24) 1,1-Dichloroethane	5.315	63	100646	8.656	ug/l	95
25) 2-Butanone	6.368	43	419577	97.468	ug/l	96
26) 2,2-Dichloropropane	6.332	77	62698	7.800	ug/l	97
27) cis-1,2-Dichloroethene	6.339	96	122453	17.384	ug/l	84
28) Bromochloromethane	6.743	49	76722	18.311	ug/l #	68
29) Chloroform	6.945	83	184582	18.326	ug/l	99
30) Cyclohexane	7.269	56	165847	17.662	ug/l	96
31) 1,1,1-Trichloroethane	7.176	97	133703	18.376	ug/l	96
35) 1,1-Dichloropropene	7.417	75	123006	18.300	ug/l #	72
36) Ethyl Acetate	6.477	43	155043	19.267	ug/l #	93
37) Carbon Tetrachloride	7.401	117	92680	16.930	ug/l	98
38) Methylcyclohexane	8.877	83	138695	18.026	ug/l	98
39) Benzene	7.693	78	443272	18.312	ug/l #	89
40) Methacrylonitrile	6.708	41	102211	20.438	ug/l #	41

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) 1,2-Dichloroethane	7.786	62	116971	18.998	ug/l	86
42) Isopropyl Acetate	7.863	43	246458	19.047	ug/l	97
43) Trichloroethene	8.598	130	89019	19.123	ug/l	81
44) 1,2-Dichloropropane	8.912	63	104683	18.275	ug/l	91
45) Dibromomethane	9.009	93	60006	18.836	ug/l	99
46) Bromodichloromethane	9.240	83	117603	19.053	ug/l	91
47) Methyl methacrylate	9.025	41	114896	20.288	ug/l	96
48) 1,4-Dioxane	9.018	88	37929	415.784	ug/l	88
50) 4-Methyl-2-Pentanone	9.917	43	709581	105.041	ug/l	97
51) Toluene	10.100	92	239463	19.379	ug/l	96
52) t-1,3-Dichloropropene	10.359	75	104064	17.201	ug/l	93
53) cis-1,3-Dichloropropene	9.737	75	130948	18.045	ug/l	97
54) 1,1,2-Trichloroethane	10.558	97	93830	20.792	ug/l	96
55) Ethyl methacrylate	10.427	69	148494	19.925	ug/l	99
56) 1,3-Dichloropropane	10.725	76	155564	20.238	ug/l	100
57) 2-Chloroethyl Vinyl ether	9.583	63	45037	109.355	ug/l	97
58) 2-Hexanone	10.789	43	459156	100.825	ug/l	98
59) Dibromochloromethane	10.947	129	67762	17.742	ug/l	92
60) 1,2-Dibromoethane	11.059	107	79602	20.495	ug/l	98
63) Tetrachloroethene	10.648	164	70873	19.432	ug/l	94
64) Chlorobenzene	11.563	112	257246	18.514	ug/l	95
65) 1,1,1,2-Tetrachloroethane	11.646	131	69439	18.297	ug/l	81
66) Ethyl Benzene	11.656	91	421916	18.185	ug/l	92
67) m/p-Xylenes	11.781	106	352756	38.057	ug/l	95
68) o-Xylene	12.153	106	168975	18.779	ug/l	97
69) Styrene	12.169	104	277954	18.486	ug/l	98
70) Bromoform	12.349	173	37169	17.305	ug/l #	98
72) Isopropylbenzene	12.497	105	413196	18.362	ug/l	100
73) N-amyl acetate	12.294	43	153711	17.227	ug/l	96
74) 1,1,2,2-Tetrachloroethane	12.779	83	122822	18.602	ug/l	99
75) 1,2,3-Trichloropropane	12.837	75	136407	26.064	ug/l #	100
76) Bromobenzene	12.808	156	95946	18.424	ug/l	93
77) n-propylbenzene	12.885	91	499731	18.613	ug/l	99
78) 2-Chlorotoluene	12.978	91	268095	17.600	ug/l	96
79) 1,3,5-Trimethylbenzene	13.045	105	312493	17.758	ug/l	97
80) trans-1,4-Dichloro-2-b...	12.551	75	26271	14.620	ug/l #	87
81) 4-Chlorotoluene	13.090	91	278933	17.925	ug/l	97
82) tert-Butylbenzene	13.341	119	293112	18.313	ug/l	97
83) 1,2,4-Trimethylbenzene	13.392	105	317480	18.226	ug/l	100
84) sec-Butylbenzene	13.543	105	450016	18.958	ug/l	100
85) p-Isopropyltoluene	13.677	119	354287	18.305	ug/l	99
86) 1,3-Dichlorobenzene	13.758	146	192888	18.892	ug/l	99
87) 1,4-Dichlorobenzene	13.758	146	192888	18.823	ug/l	99
88) n-Butylbenzene	14.047	91	321482	18.022	ug/l	100
89) Hexachloroethane	14.348	117	43840	15.774	ug/l	98
90) 1,2-Dichlorobenzene	14.085	146	183071	19.091	ug/l	97
91) 1,2-Dibromo-3-Chloropr...	14.781	75	14212	16.165	ug/l	92
92) 1,2,4-Trichlorobenzene	15.555	180	101887	17.769	ug/l	97
93) Hexachlorobutadiene	15.680	225	30598	16.424	ug/l #	72
94) Naphthalene	15.827	128	299281	17.032	ug/l	99
95) 1,2,3-Trichlorobenzene	16.062	180	102168	18.768	ug/l	97

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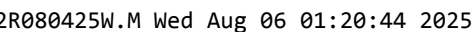
Instrument :
MSVOA_R
ClientSampleId :

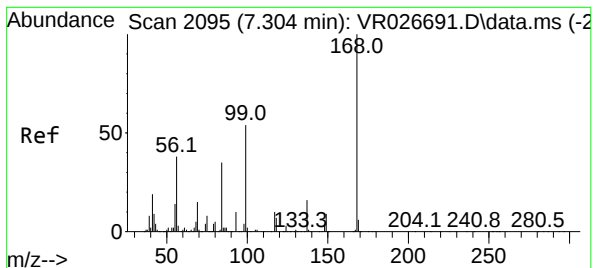
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.289 min Scan# 2095

Delta R.T. -0.015 min

Lab File: VR026707.D

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Instrument :

MSVOA_R

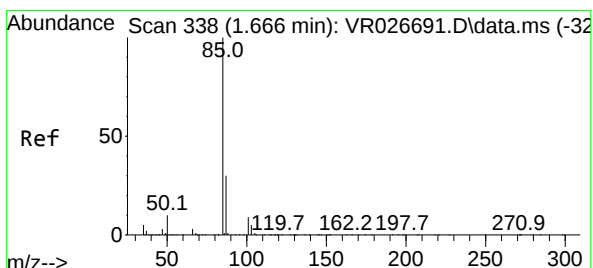
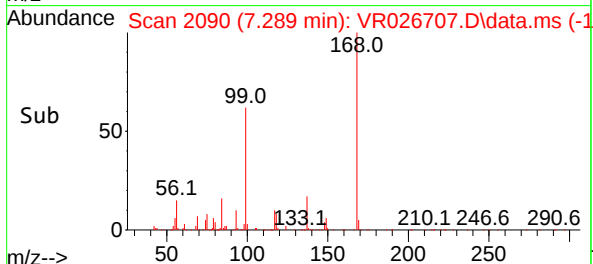
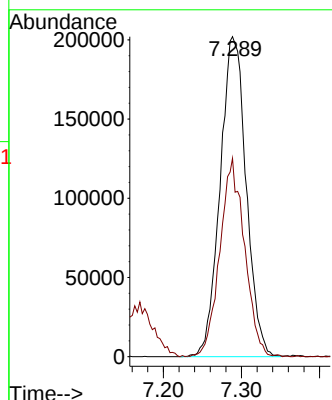
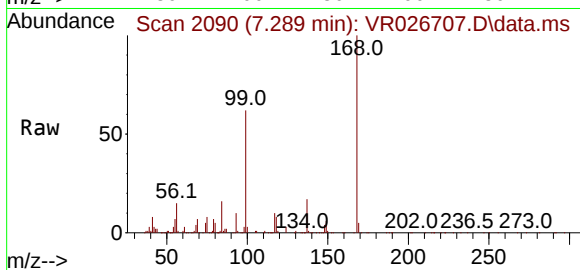
ClientSampleId :

Tgt Ion:168 Resp: 468199

Ion Ratio Lower Upper

168 100

99 62.0 43.8 65.8



#2

Dichlorodifluoromethane

Concen: 16.654 ug/l

RT: 1.660 min Scan# 336

Delta R.T. -0.006 min

Lab File: VR026707.D

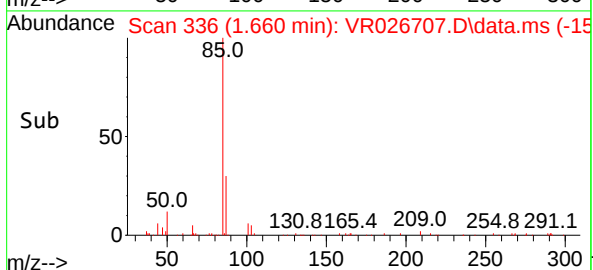
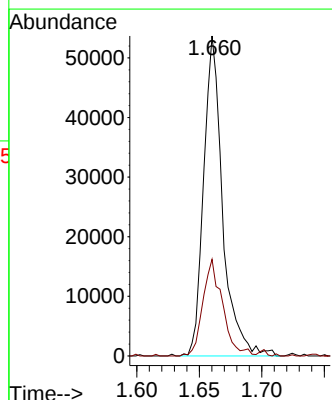
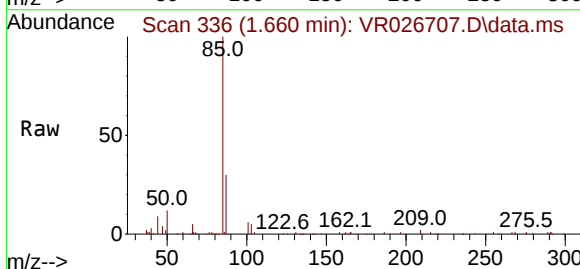
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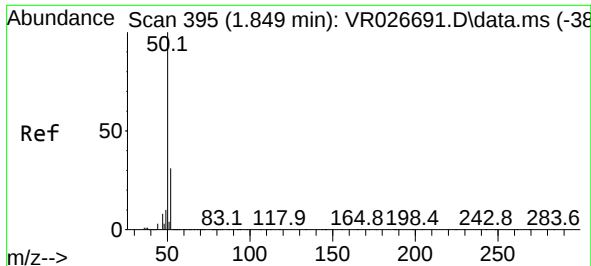
Tgt Ion: 85 Resp: 56830

Ion Ratio Lower Upper

85 100

87 30.2 15.2 45.5

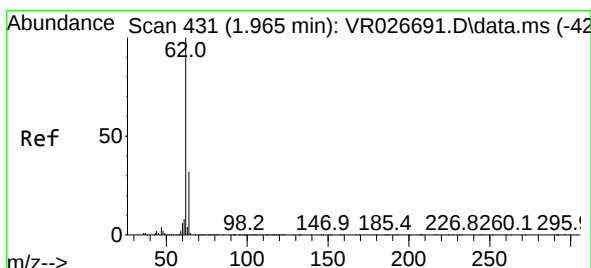
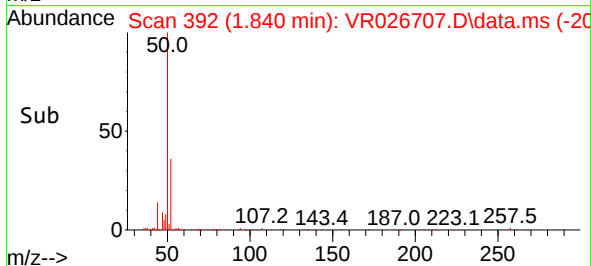
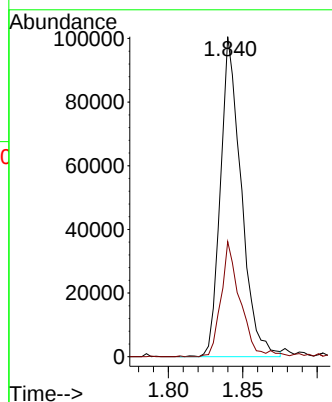
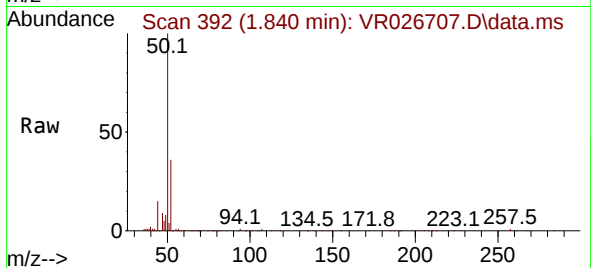




#3
Chloromethane
Concen: 19.293 ug/l
RT: 1.840 min Scan# 395
Delta R.T. -0.010 min
Lab File: VR026707.D
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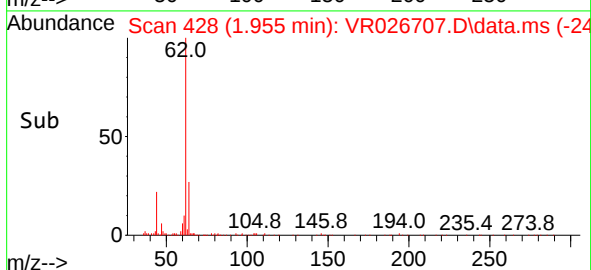
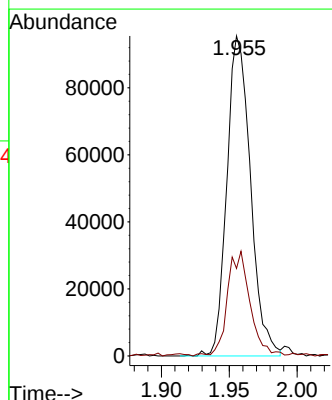
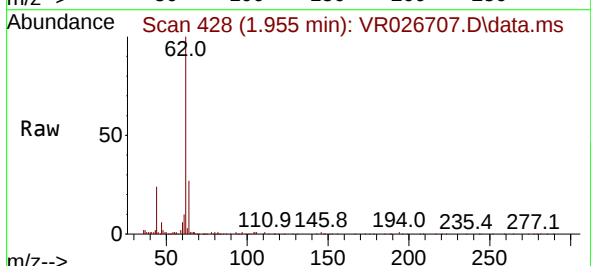
Instrument :
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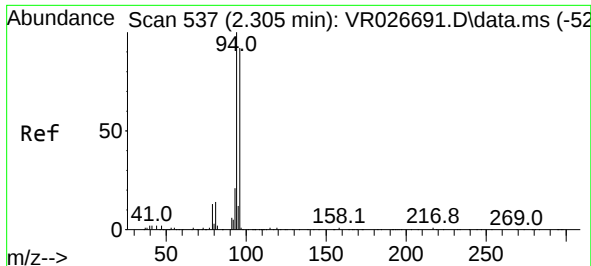
Tgt Ion: 50 Resp: 97860
Ion Ratio Lower Upper
50 100
52 35.7 25.0 37.4



#4
Vinyl Chloride
Concen: 22.253 ug/l
RT: 1.955 min Scan# 428
Delta R.T. -0.009 min
Lab File: VR026707.D
Acq: 5 Aug 2025 11:48

Tgt Ion: 62 Resp: 115347
Ion Ratio Lower Upper
62 100
64 26.7 25.9 38.9

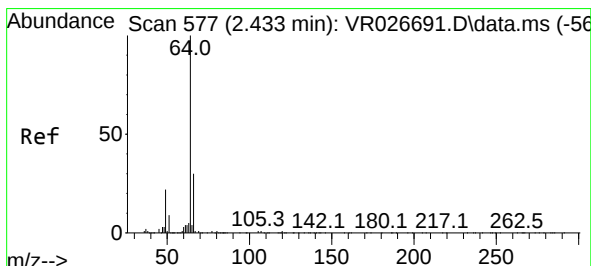
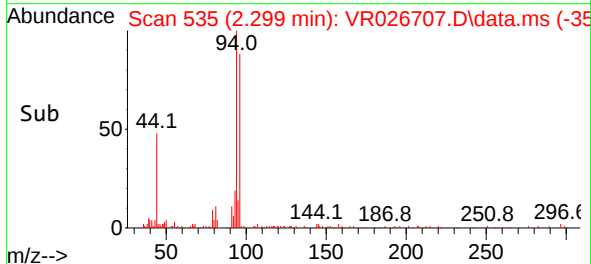
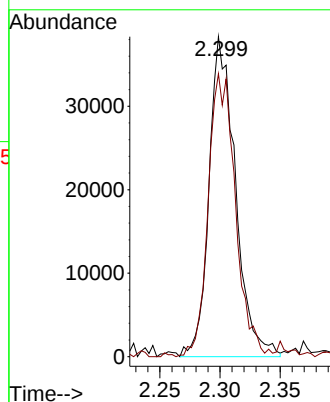
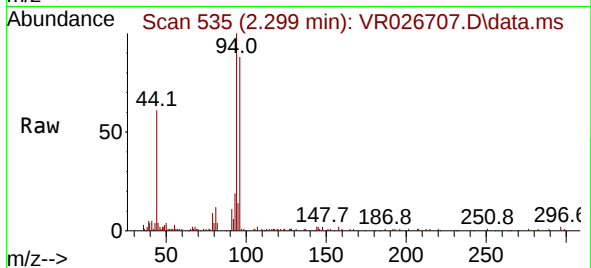




#5
Bromomethane
Concen: 23.214 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.006 min
Lab File: VR026707.D
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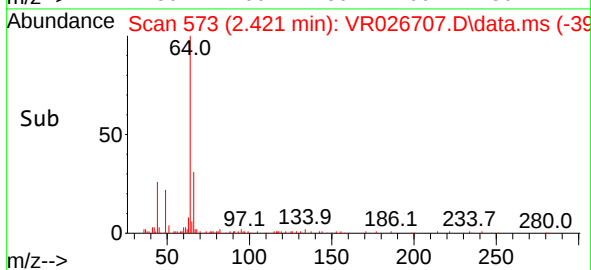
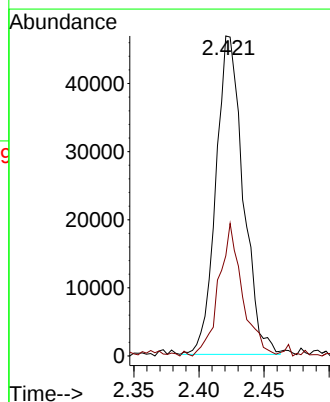
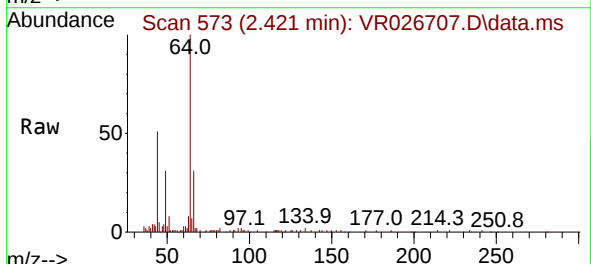
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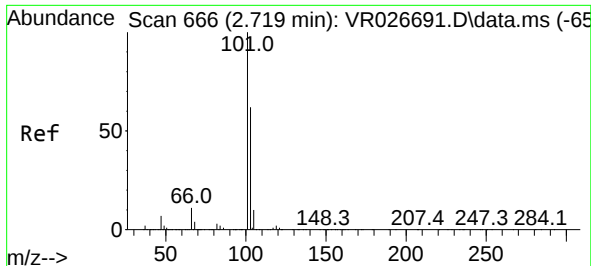
Tgt Ion: 94 Resp: 58632
Ion Ratio Lower Upper
94 100
96 87.9 73.3 109.9



#6
Chloroethane
Concen: 20.425 ug/l
RT: 2.421 min Scan# 573
Delta R.T. -0.013 min
Lab File: VR026707.D
Acq: 5 Aug 2025 11:48

Tgt Ion: 64 Resp: 68166
Ion Ratio Lower Upper
64 100
66 31.5 24.3 36.5

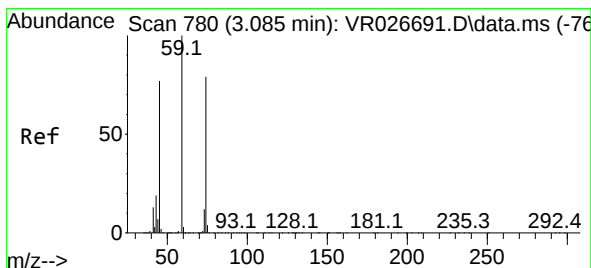
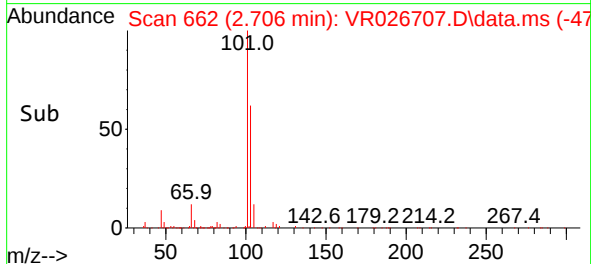
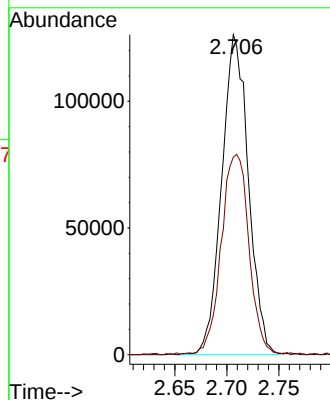
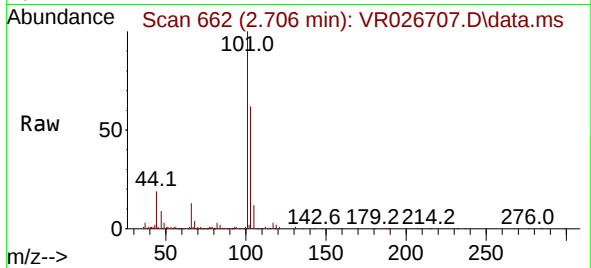




#7
 Trichlorofluoromethane
 Concen: 24.082 ug/l
 RT: 2.706 min Scan# 610
 Delta R.T. -0.013 min
 Lab File: VR026707.D
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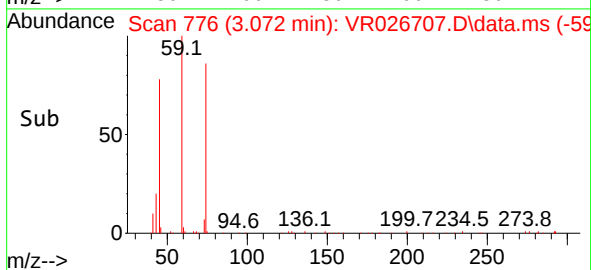
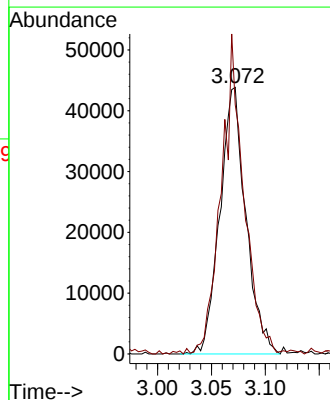
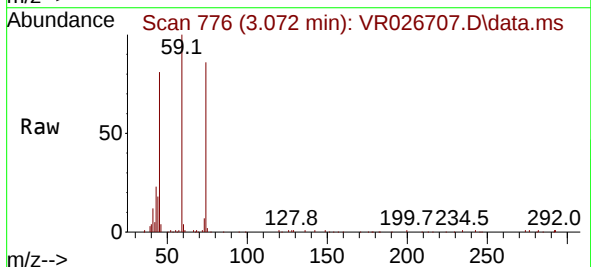
Instrument :
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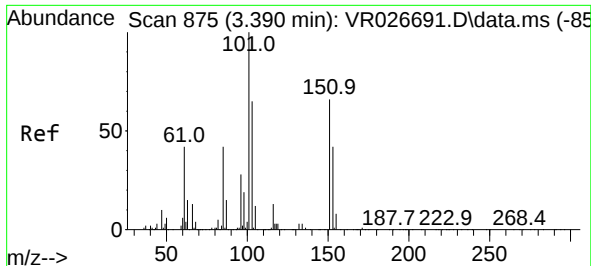
Tgt Ion:101 Resp: 224989
 Ion Ratio Lower Upper
 101 100
 103 61.5 49.4 74.2



#8
 Diethyl Ether
 Concen: 17.760 ug/l
 RT: 3.072 min Scan# 776
 Delta R.T. -0.013 min
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Tgt Ion: 74 Resp: 73618
 Ion Ratio Lower Upper
 74 100
 45 104.4 47.1 141.3

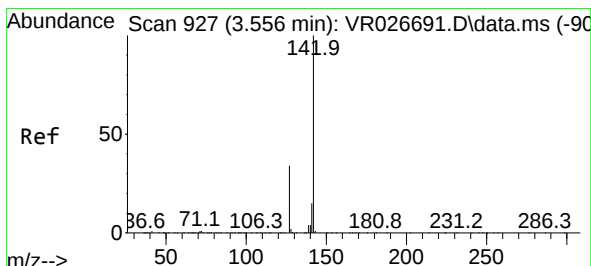
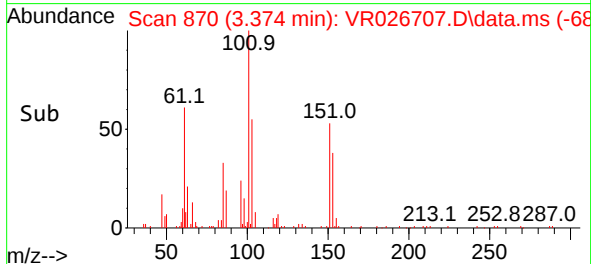
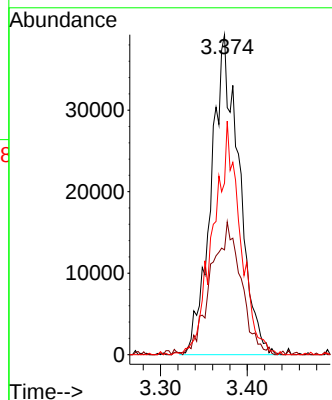
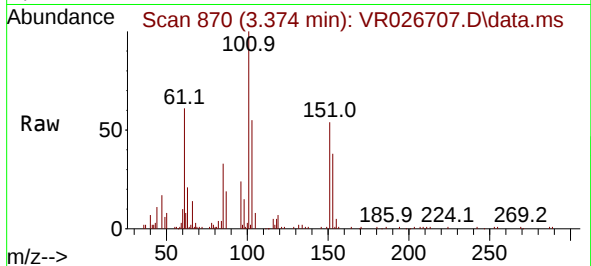




#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.436 ug/l
RT: 3.374 min Scan# 81
Delta R.T. -0.016 min
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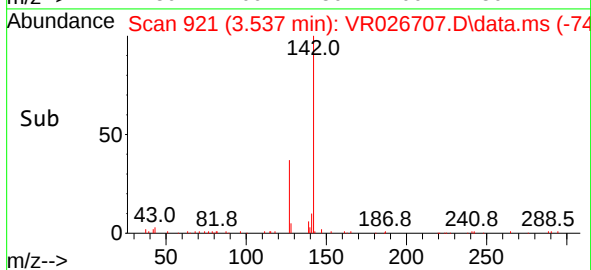
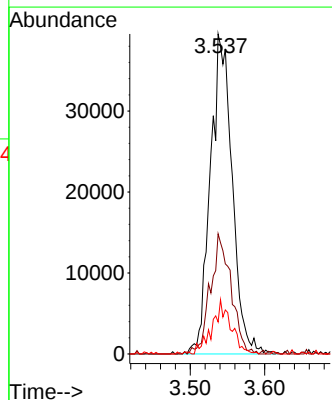
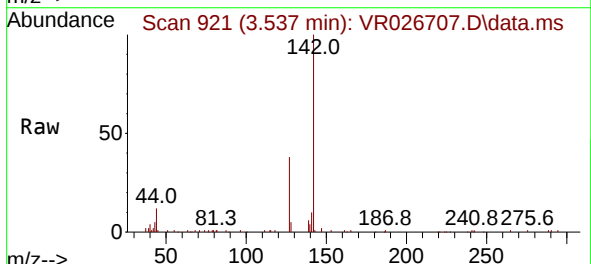
Instrument :
MSVOA_R
ClientSampleId :

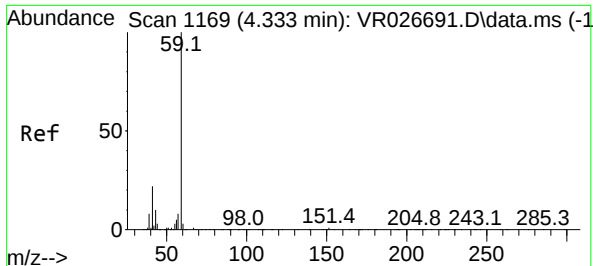
Tgt Ion:101 Resp: 87874
Ion Ratio Lower Upper
101 100
85 44.8 34.5 51.7
151 70.2 53.4 80.0



#10
Methyl Iodide
Concen: 16.527 ug/l
RT: 3.537 min Scan# 921
Delta R.T. -0.019 min
Lab File: VR026707.D
Acq: 5 Aug 2025 11:48

Tgt Ion:142 Resp: 80387
Ion Ratio Lower Upper
142 100
127 35.7 30.1 45.1
141 14.6 10.8 16.2





#11

Tert butyl alcohol

Concen: 87.608 ug/l

RT: 4.307 min Scan# 1161

Delta R.T. -0.026 min

Lab File: VR026707.D

Acq: 5 Aug 2025 11:48

Instrument :

MSVOA_R

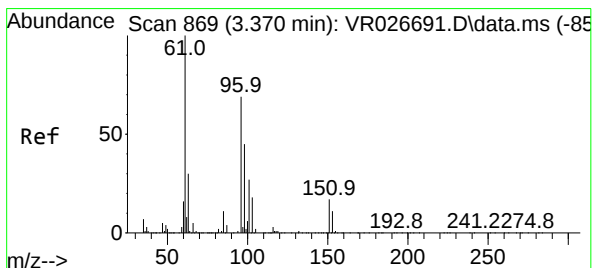
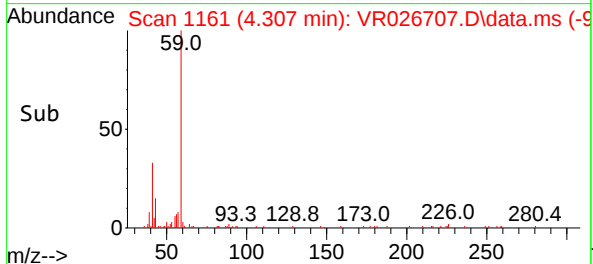
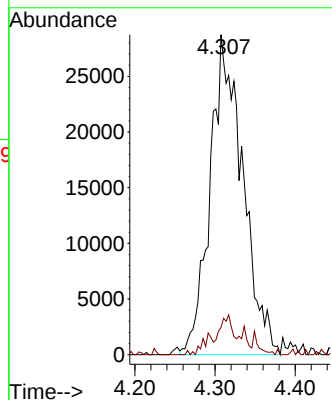
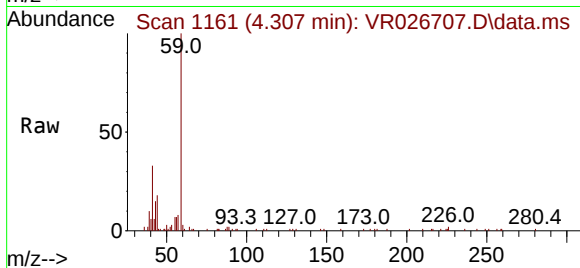
ClientSampleId :

Tgt Ion: 59 Resp: 81225

Ion Ratio Lower Upper

59 100

57 0.0 7.7 11.5#



#12

1,1-Dichloroethene

Concen: 17.244 ug/l

RT: 3.351 min Scan# 863

Delta R.T. -0.019 min

Lab File: VR026707.D

Acq: 5 Aug 2025 11:48

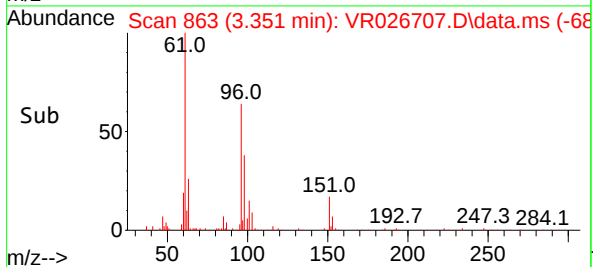
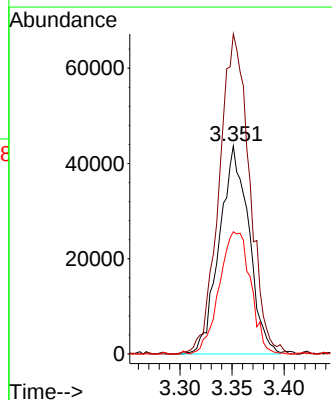
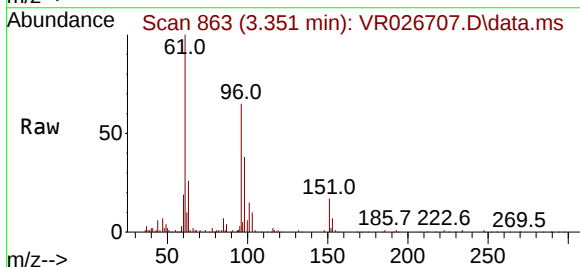
Tgt Ion: 96 Resp: 85883

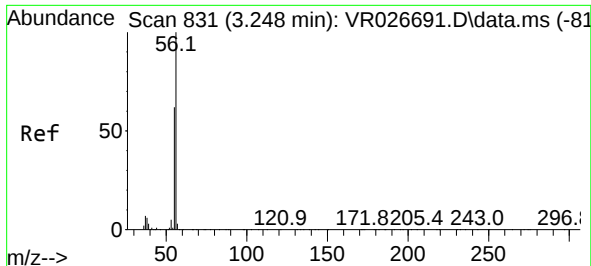
Ion Ratio Lower Upper

96 100

61 153.3 116.2 174.4

98 58.8 52.3 78.5

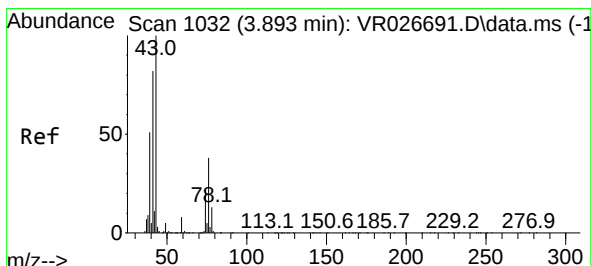
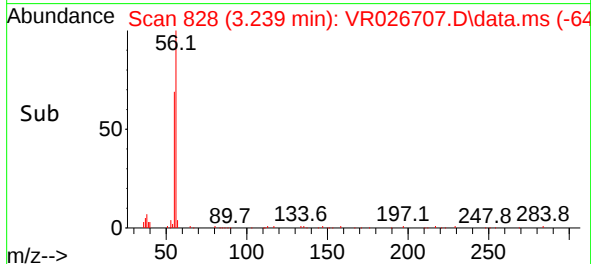
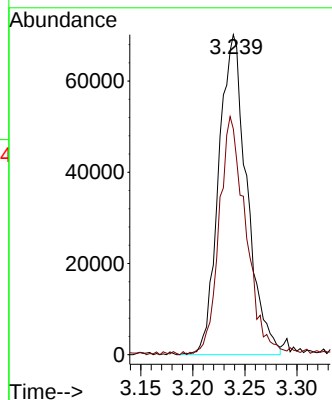
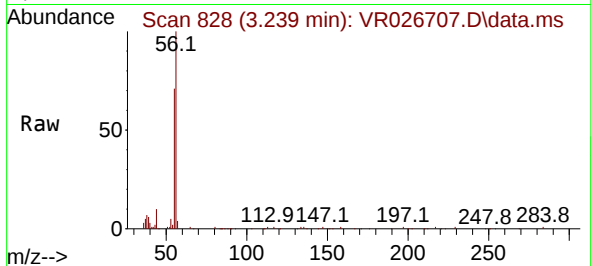




#13
Acrolein
Concen: 97.574 ug/l
RT: 3.239 min Scan# 81
Delta R.T. -0.010 min
Lab File: VR026707.D
Acq: 5 Aug 2025 11:48

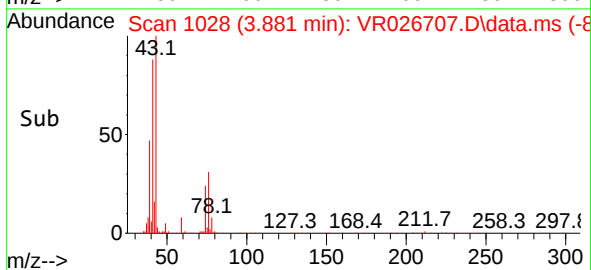
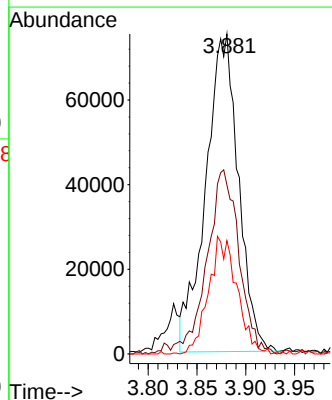
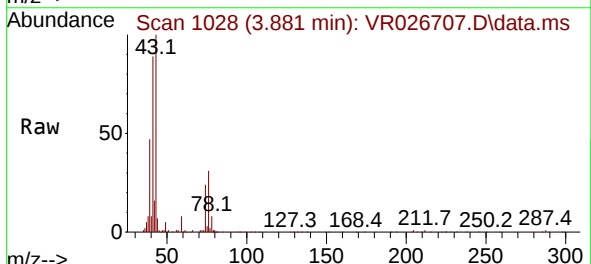
Instrument :
MSVOA_R
ClientSampleId :

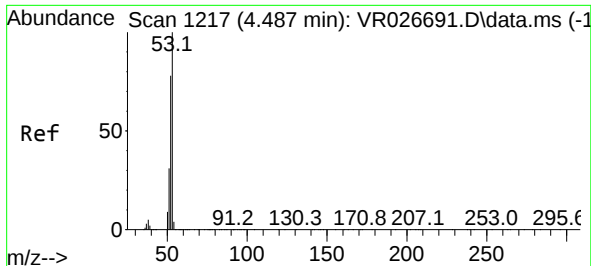
Tgt Ion: 56 Resp: 132241
Ion Ratio Lower Upper
56 100
55 70.7 53.8 80.8



#14
Allyl chloride
Concen: 17.818 ug/l
RT: 3.881 min Scan# 1028
Delta R.T. -0.013 min
Lab File: VR026707.D
Acq: 5 Aug 2025 11:48

Tgt Ion: 41 Resp: 174589
Ion Ratio Lower Upper
41 100
39 56.8 44.2 66.2
76 32.1 31.0 46.4

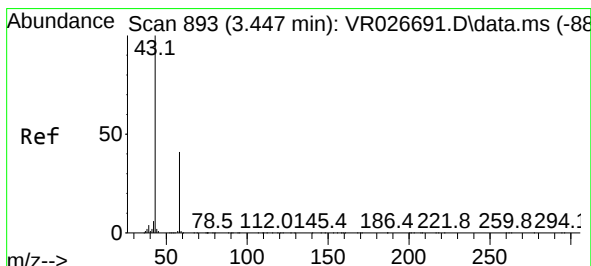
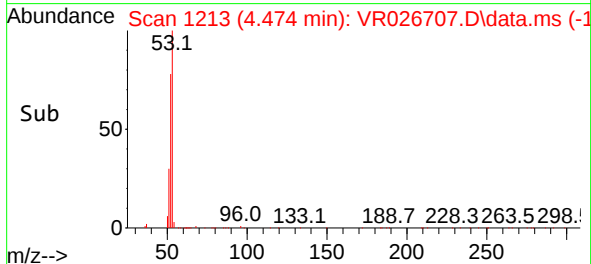
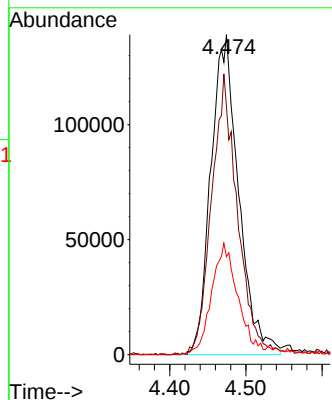
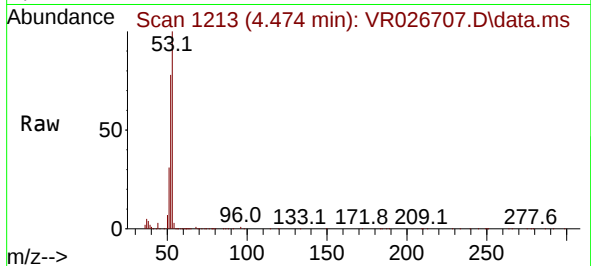




#15
Acrylonitrile
Concen: 95.900 ug/l
RT: 4.474 min Scan# 11
Delta R.T. -0.013 min
Lab File: VR026707.D
Acq: 5 Aug 2025 11:48

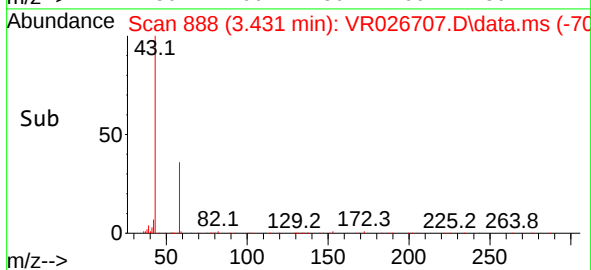
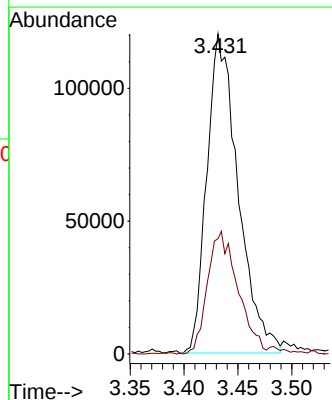
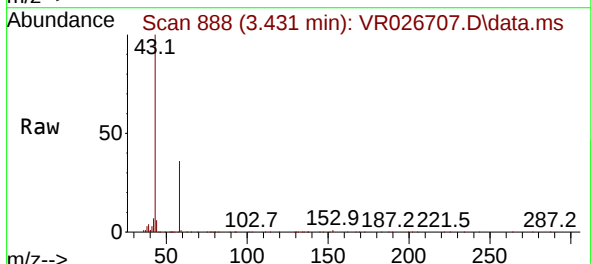
Instrument :
MSVOA_R
ClientSampleId :

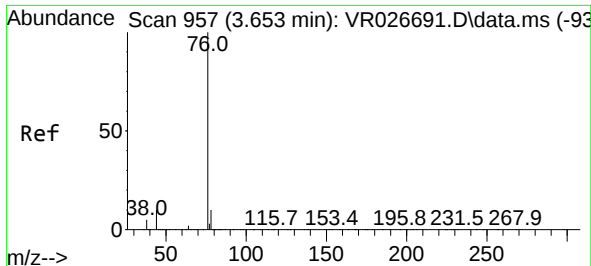
Tgt Ion: 53 Resp: 352945
Ion Ratio Lower Upper
53 100
52 81.3 61.4 92.2
51 32.9 25.8 38.6



#16
Acetone
Concen: 87.218 ug/l
RT: 3.431 min Scan# 888
Delta R.T. -0.016 min
Lab File: VR026707.D
Acq: 5 Aug 2025 11:48

Tgt Ion: 43 Resp: 242575
Ion Ratio Lower Upper
43 100
58 35.9 32.9 49.3

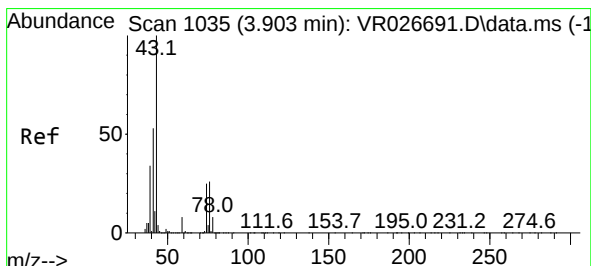
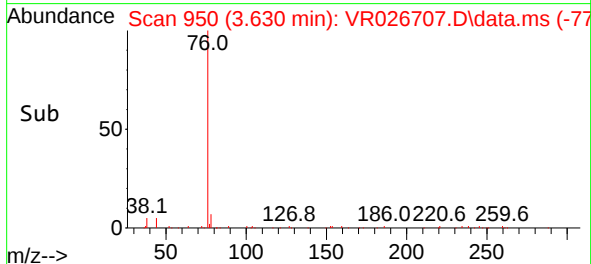
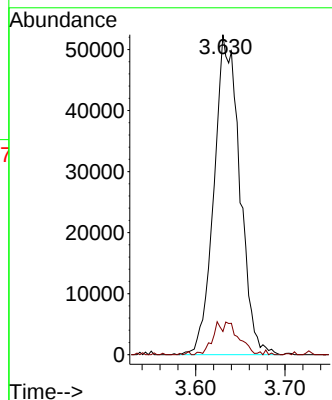
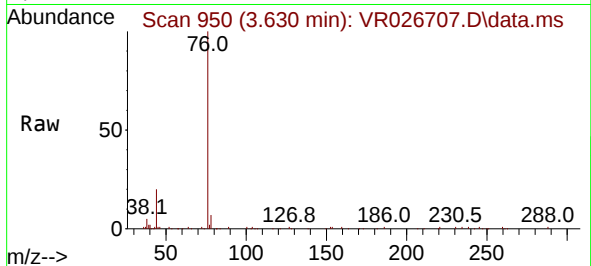




#17
Carbon Disulfide
Concen: 14.228 ug/l
RT: 3.630 min Scan# 91
Delta R.T. -0.022 min
Lab File: VR026707.D
Acq: 5 Aug 2025 11:48

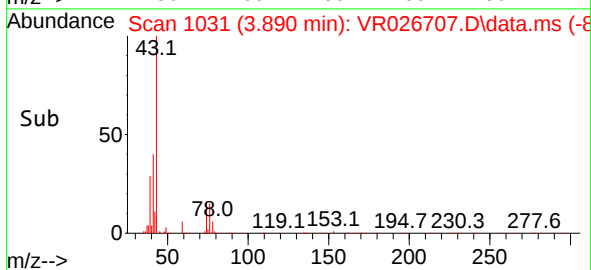
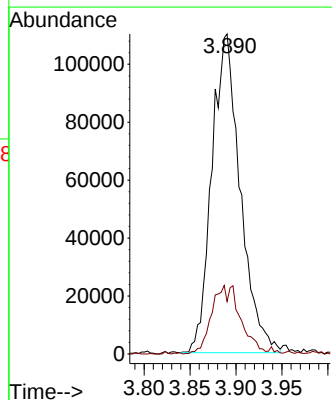
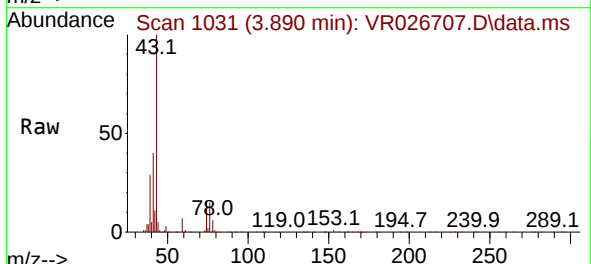
Instrument :
MSVOA_R
ClientSampleId :

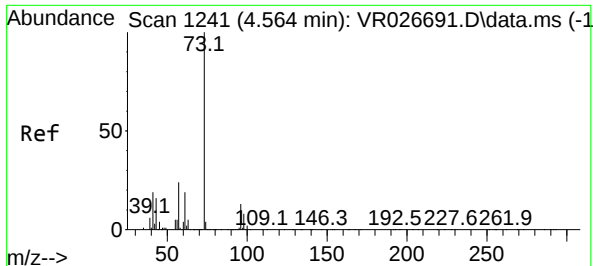
Tgt Ion: 76 Resp: 104892
Ion Ratio Lower Upper
76 100
78 7.3 7.8 11.6#



#18
Methyl Acetate
Concen: 20.425 ug/l
RT: 3.890 min Scan# 1031
Delta R.T. -0.013 min
Lab File: VR026707.D
Acq: 5 Aug 2025 11:48

Tgt Ion: 43 Resp: 237094
Ion Ratio Lower Upper
43 100
74 12.0 19.4 29.0#





#19

Methyl tert-butyl Ether

Concen: 17.537 ug/l

RT: 4.542 min Scan# 11

Delta R.T. -0.022 min

Lab File: VR026707.D

Acq: 5 Aug 2025 11:48

Instrument :

MSVOA_R

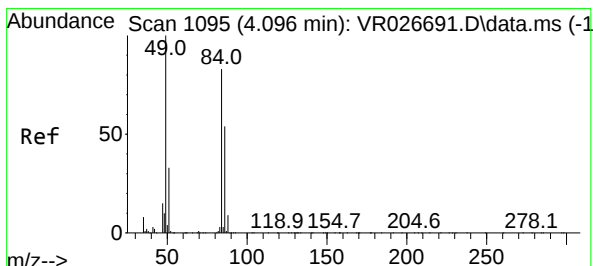
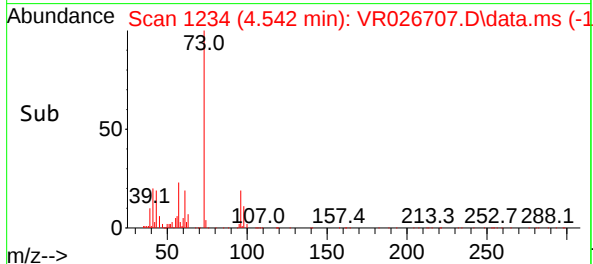
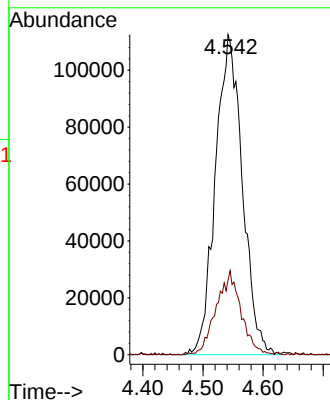
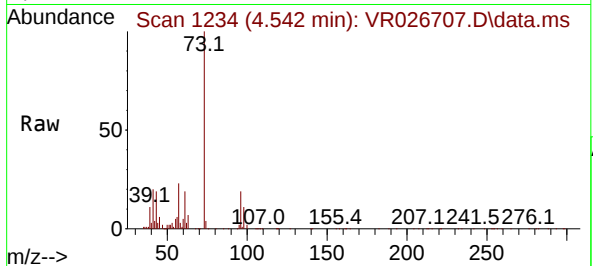
ClientSampleId :

Tgt Ion: 73 Resp: 349542

Ion Ratio Lower Upper

73 100

57 23.3 19.4 29.0



#20

Methylene Chloride

Concen: 17.426 ug/l

RT: 4.080 min Scan# 1090

Delta R.T. -0.016 min

Lab File: VR026707.D

Acq: 5 Aug 2025 11:48

Tgt Ion: 84 Resp: 115014

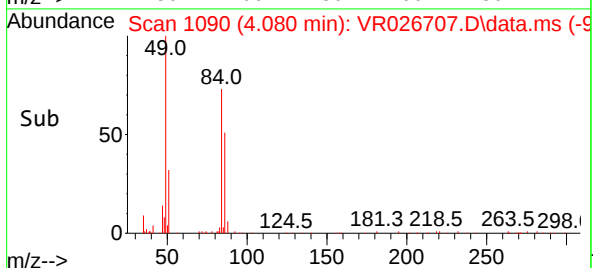
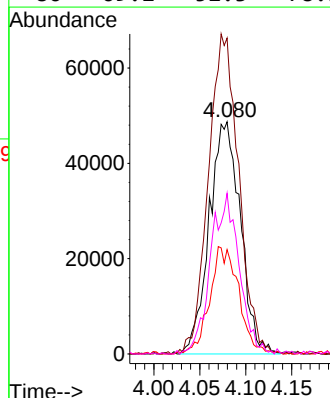
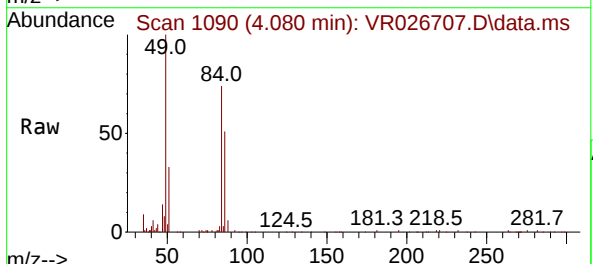
Ion Ratio Lower Upper

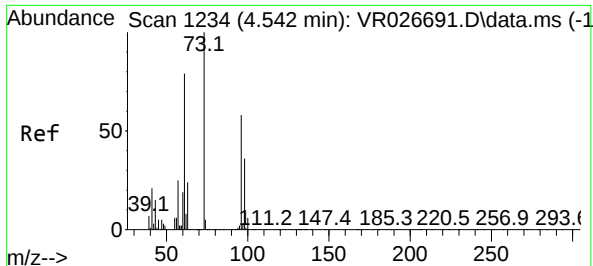
84 100

49 135.2 96.2 144.4

51 44.3 31.8 47.6

86 69.2 52.3 78.5

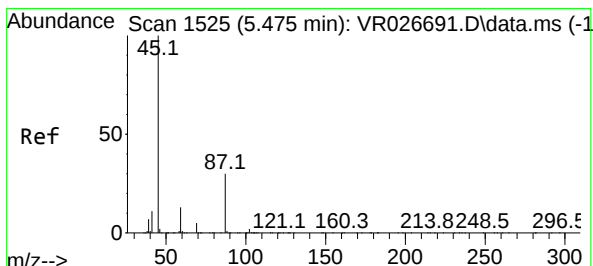
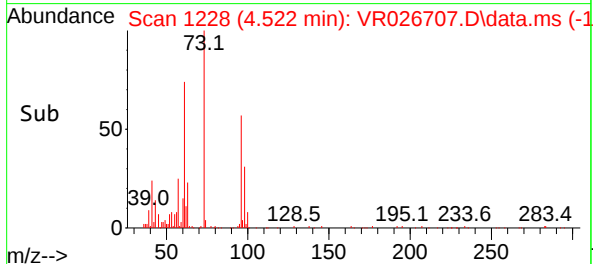
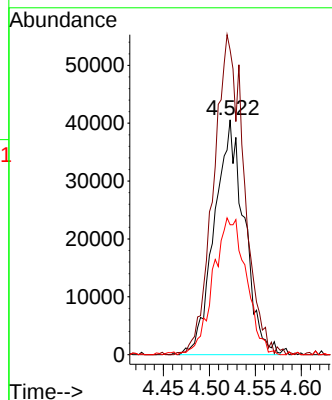
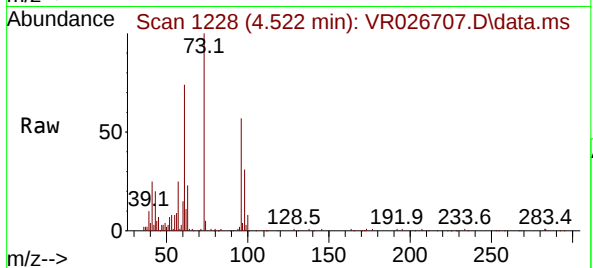




#21
trans-1,2-Dichloroethene
Concen: 16.788 ug/l
RT: 4.522 min Scan# 1119
Delta R.T. -0.019 min
Lab File: VR026707.D
Acq: 5 Aug 2025 11:48

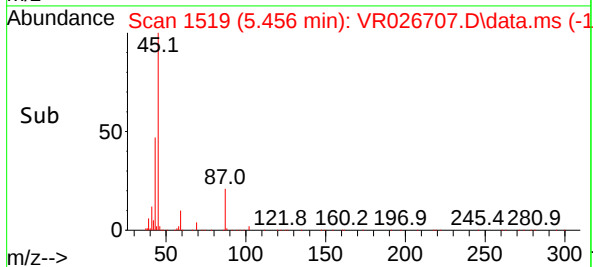
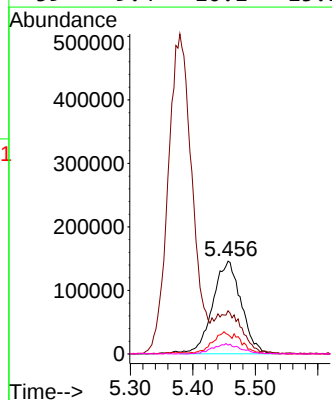
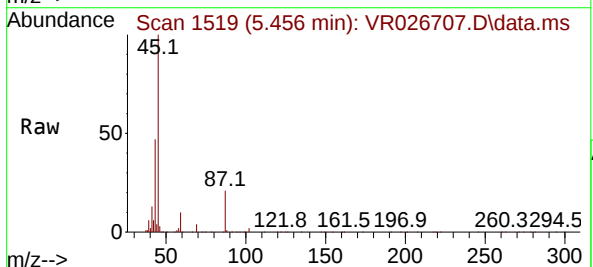
Instrument :
MSVOA_R
ClientSampleId :

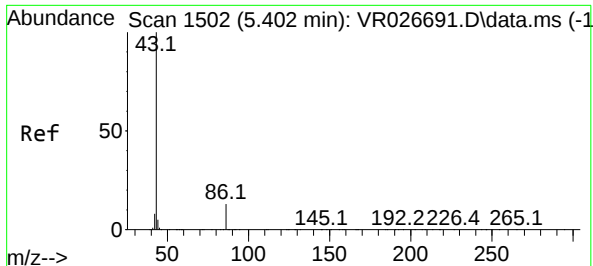
Tgt Ion: 96 Resp: 91916
Ion Ratio Lower Upper
96 100
61 128.8 110.3 165.5
98 55.3 50.2 75.4



#22
Diisopropyl ether
Concen: 20.035 ug/l
RT: 5.456 min Scan# 1519
Delta R.T. -0.019 min
Lab File: VR026707.D
Acq: 5 Aug 2025 11:48

Tgt Ion: 45 Resp: 460027
Ion Ratio Lower Upper
45 100
43 46.2 38.2 57.2
87 20.7 24.0 36.0#
59 9.4 10.1 15.1#





#23

Vinyl Acetate

Concen: 102.543 ug/l

RT: 5.379 min Scan# 1495

Delta R.T. -0.022 min

Lab File: VR026707.D

Acq: 5 Aug 2025 11:48

Instrument :

MSVOA_R

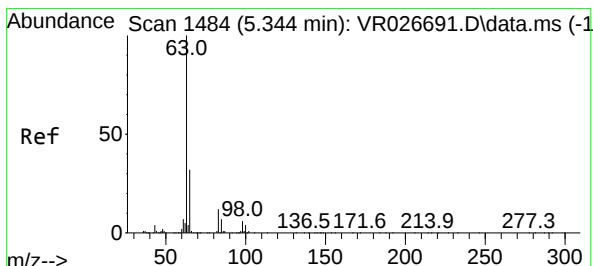
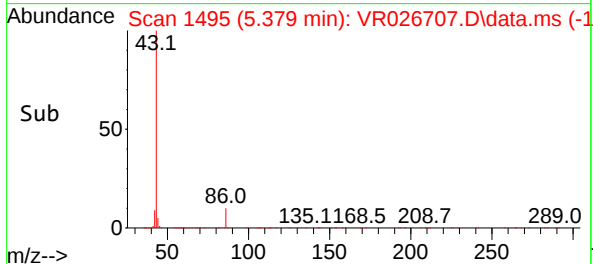
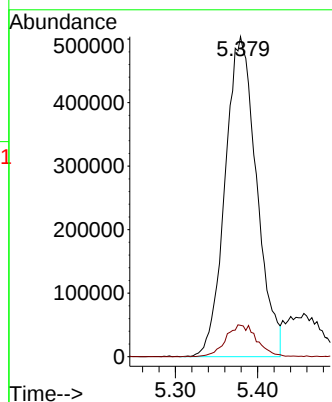
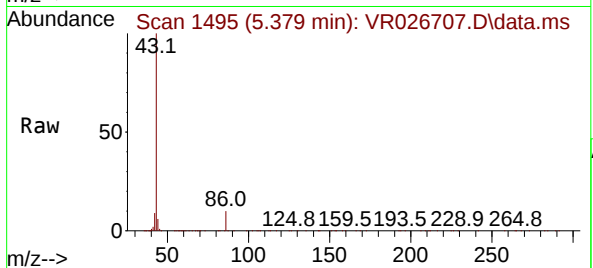
ClientSampleId :

Tgt Ion: 43 Resp: 1342465

Ion Ratio Lower Upper

43 100

86 9.8 10.7 16.1#



#24

1,1-Dichloroethane

Concen: 8.656 ug/l

RT: 5.315 min Scan# 1475

Delta R.T. -0.029 min

Lab File: VR026707.D

Acq: 5 Aug 2025 11:48

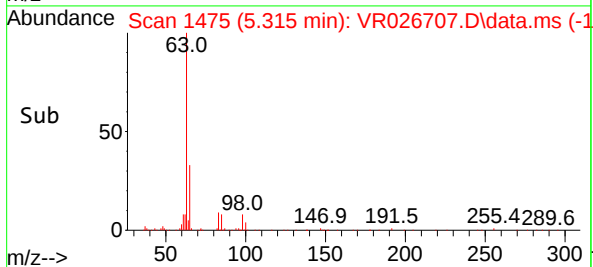
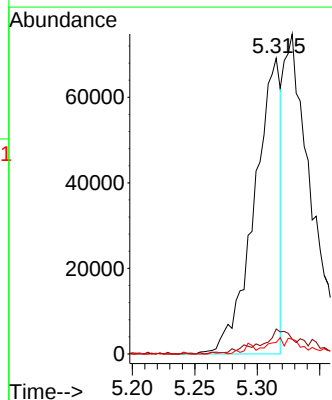
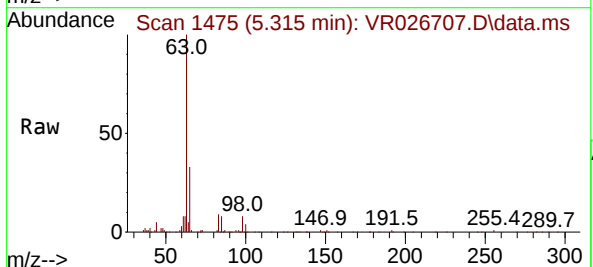
Tgt Ion: 63 Resp: 100646

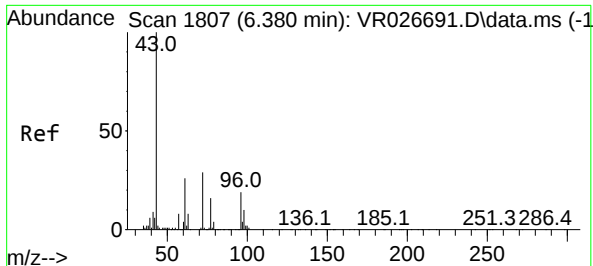
Ion Ratio Lower Upper

63 100

98 8.4 2.9 8.8

100 3.9 1.8 5.4





#25

2-Butanone

Concen: 97.468 ug/l

RT: 6.368 min Scan# 1792

Delta R.T. -0.013 min

Lab File: VR026707.D

Acq: 5 Aug 2025 11:48

Instrument :

MSVOA_R

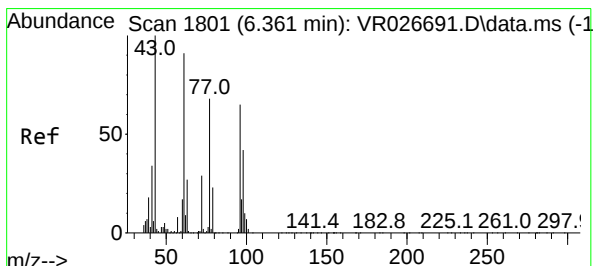
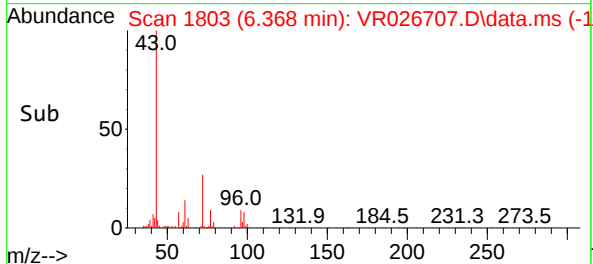
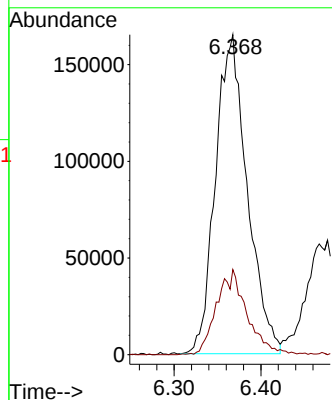
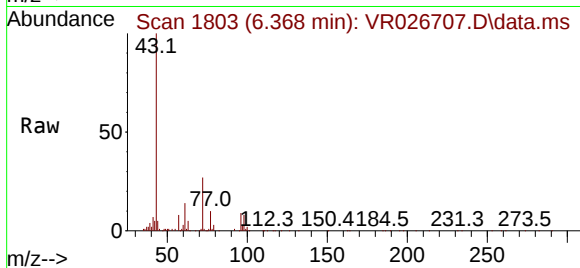
ClientSampleId :

Tgt Ion: 43 Resp: 419577

Ion Ratio Lower Upper

43 100

72 26.6 23.1 34.7



#26

2,2-Dichloropropane

Concen: 7.800 ug/l

RT: 6.332 min Scan# 1792

Delta R.T. -0.029 min

Lab File: VR026707.D

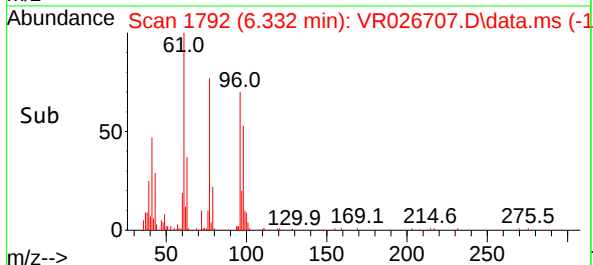
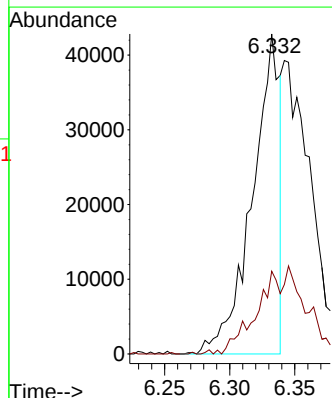
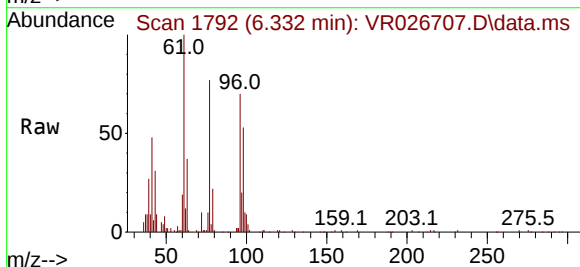
Acq: 5 Aug 2025 11:48

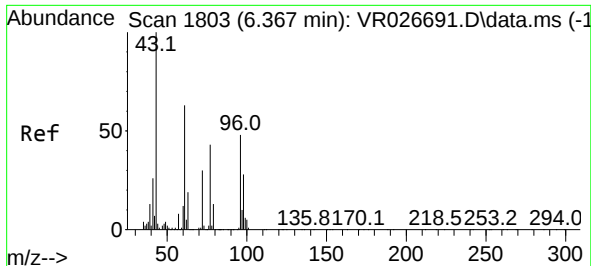
Tgt Ion: 77 Resp: 62698

Ion Ratio Lower Upper

77 100

97 23.1 12.3 36.8





#27

cis-1,2-Dichloroethene

Concen: 17.384 ug/l

RT: 6.339 min Scan# 1

Delta R.T. -0.029 min

Lab File: VR026707.D

Acq: 5 Aug 2025 11:48

Instrument :

MSVOA_R

ClientSampleId :

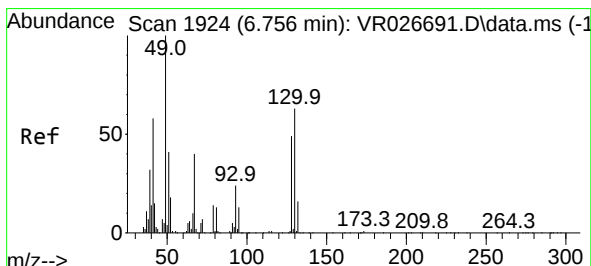
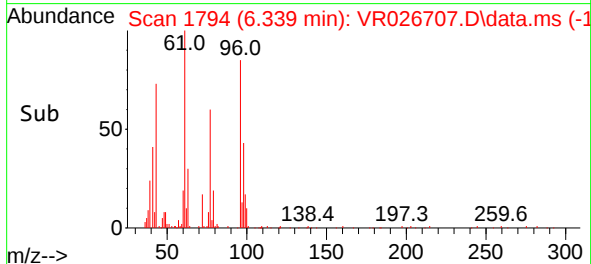
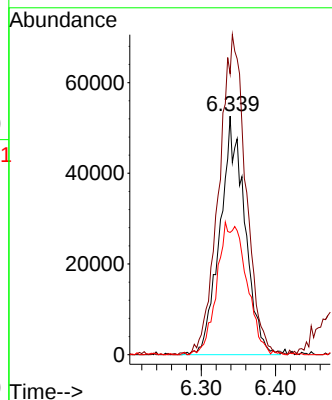
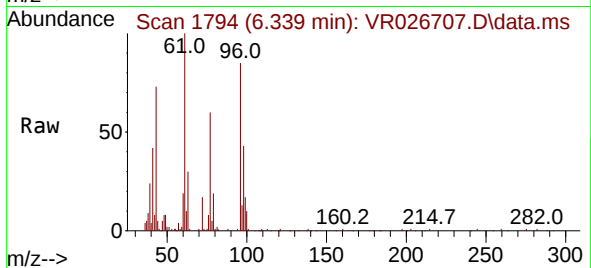
Tgt Ion: 96 Resp: 122453

Ion Ratio Lower Upper

96 100

61 145.5 0.0 279.8

98 30.9 0.0 125.2



#28

Bromochloromethane

Concen: 18.311 ug/l

RT: 6.743 min Scan# 1920

Delta R.T. -0.013 min

Lab File: VR026707.D

Acq: 5 Aug 2025 11:48

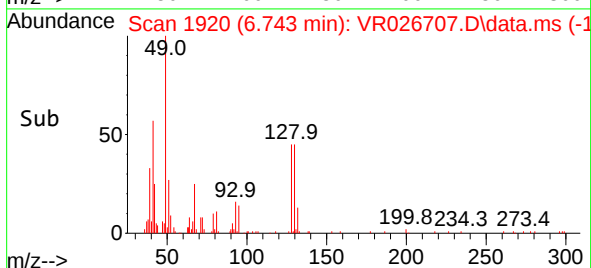
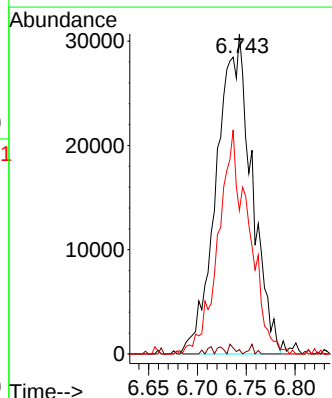
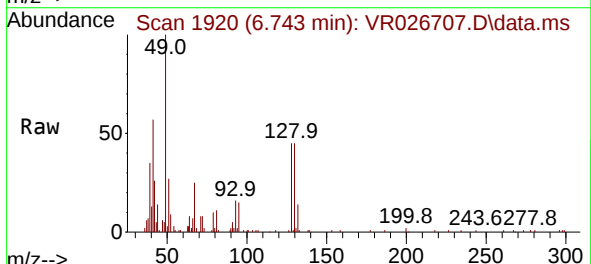
Tgt Ion: 49 Resp: 76722

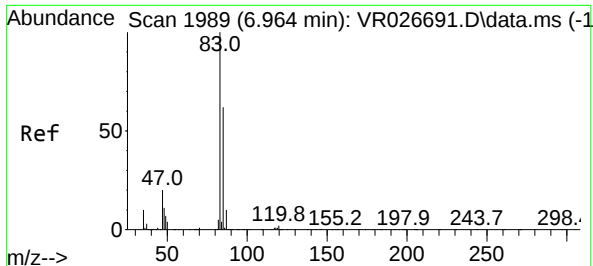
Ion Ratio Lower Upper

49 100

129 0.5 0.0 3.4

130 39.5 52.2 78.4#





#29

Chloroform

Concen: 18.326 ug/l

RT: 6.945 min Scan# 1983

Delta R.T. -0.019 min

Lab File: VR026707.D

Acq: 5 Aug 2025 11:48

Instrument :

MSVOA_R

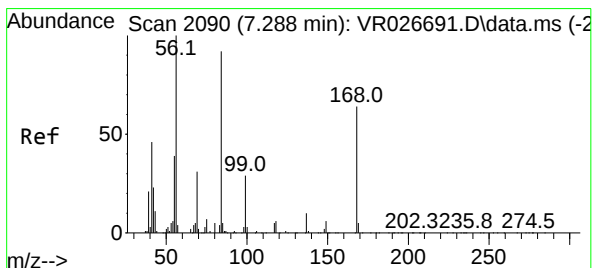
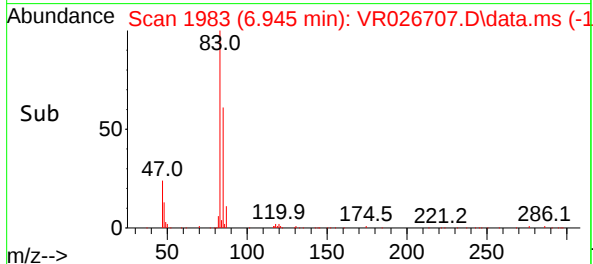
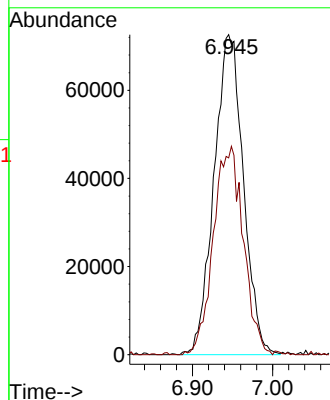
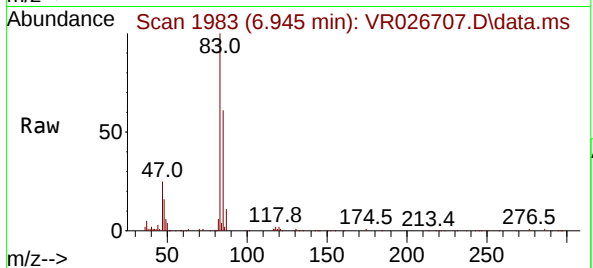
ClientSampleId :

Tgt Ion: 83 Resp: 184582

Ion Ratio Lower Upper

83 100

85 61.5 49.6 74.4



#30

Cyclohexane

Concen: 17.662 ug/l

RT: 7.269 min Scan# 2084

Delta R.T. -0.019 min

Lab File: VR026707.D

Acq: 5 Aug 2025 11:48

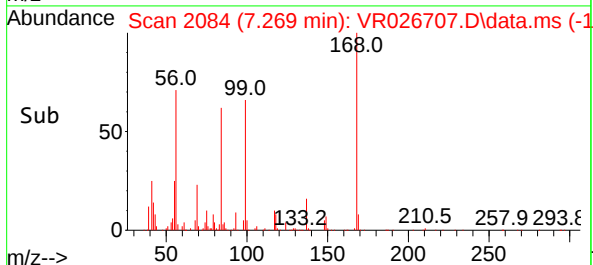
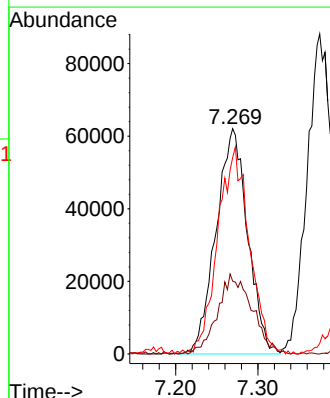
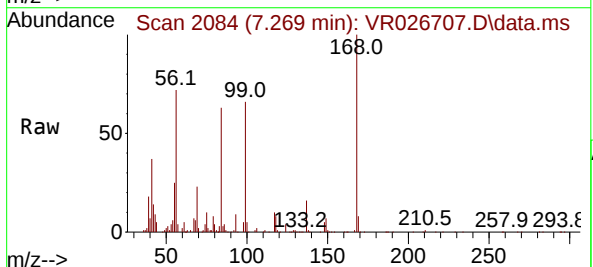
Tgt Ion: 56 Resp: 165847

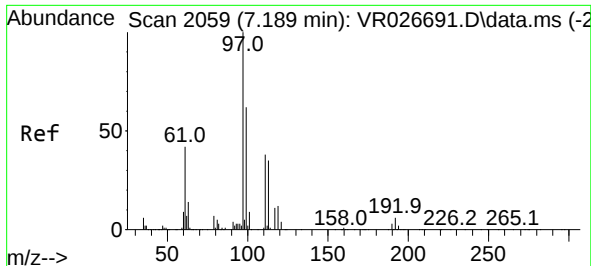
Ion Ratio Lower Upper

56 100

69 32.1 24.8 37.2

84 86.6 73.1 109.7

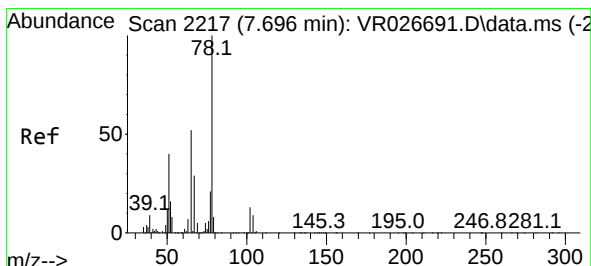
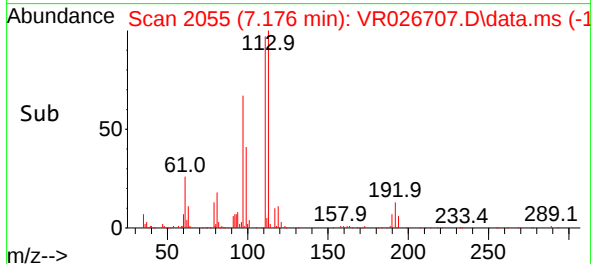
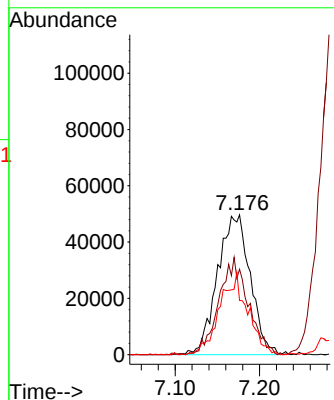
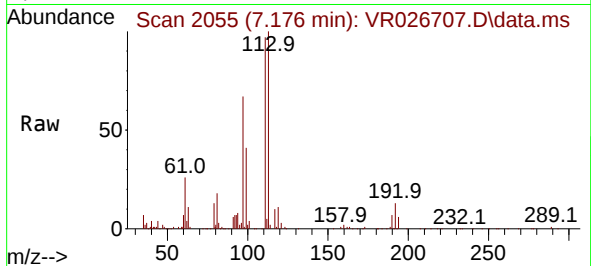




#31
 1,1,1-Trichloroethane
 Concen: 18.376 ug/l
 RT: 7.176 min Scan# 2055
 Delta R.T. -0.013 min
 Lab File: VR026707.D
 Acq: 5 Aug 2025 11:48

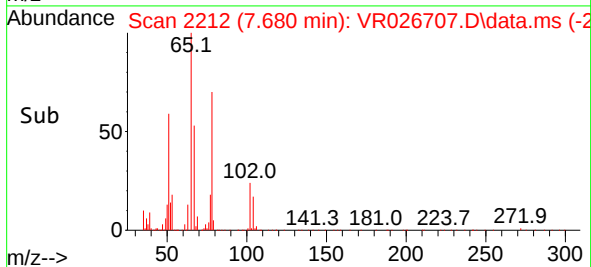
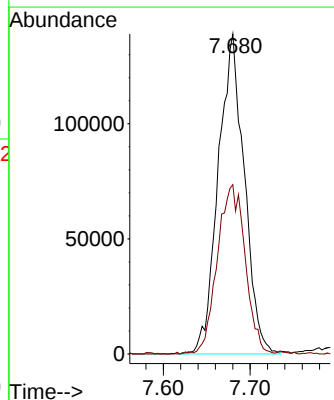
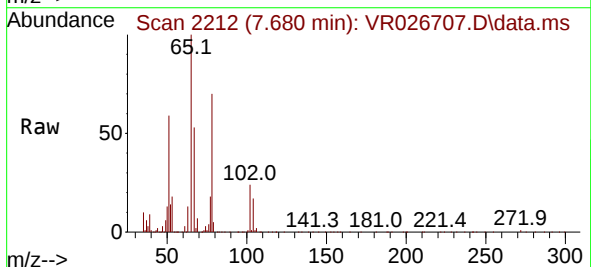
Instrument :
 MSVOA_R
 ClientSampleId :

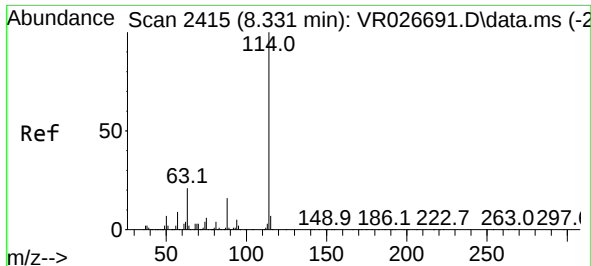
Tgt Ion: 97 Resp: 133703
 Ion Ratio Lower Upper
 97 100
 99 61.9 51.0 76.6
 61 50.0 36.3 54.5



#32
 1,2-Dichloroethane-d4
 Concen: 48.894 ug/l
 RT: 7.680 min Scan# 2212
 Delta R.T. -0.016 min
 Lab File: VR026707.D
 Acq: 5 Aug 2025 11:48

Tgt Ion: 65 Resp: 289741
 Ion Ratio Lower Upper
 65 100
 67 56.4 0.0 118.4





#33

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.319 min Scan# 2415

Delta R.T. -0.013 min

Lab File: VR026707.D

Acq: 5 Aug 2025 11:48

Instrument :

MSVOA_R

ClientSampleId :

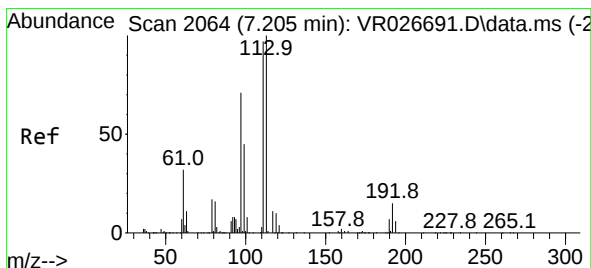
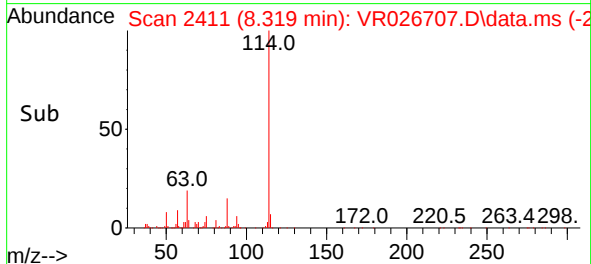
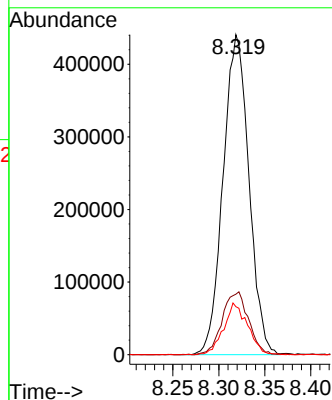
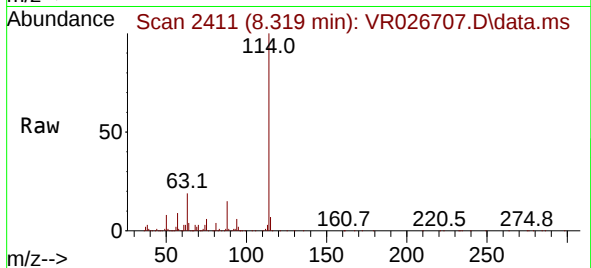
Tgt Ion:114 Resp: 861457

Ion Ratio Lower Upper

114 100

63 18.9 0.0 41.6

88 15.0 0.0 32.6



#34

Dibromofluoromethane

Concen: 45.908 ug/l

RT: 7.192 min Scan# 2060

Delta R.T. -0.013 min

Lab File: VR026707.D

Acq: 5 Aug 2025 11:48

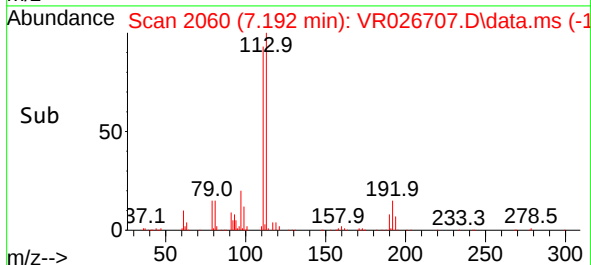
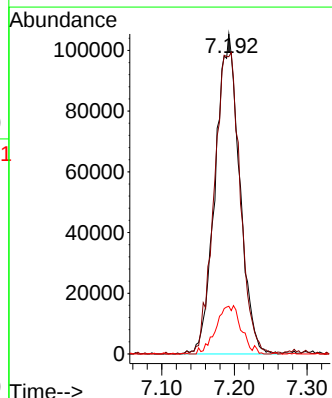
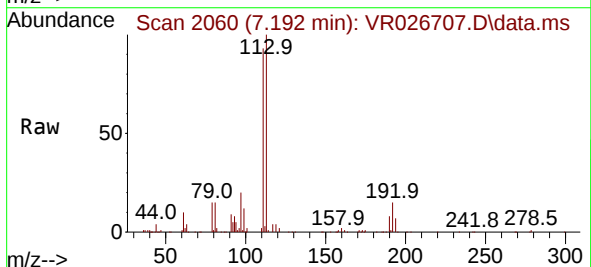
Tgt Ion:113 Resp: 244608

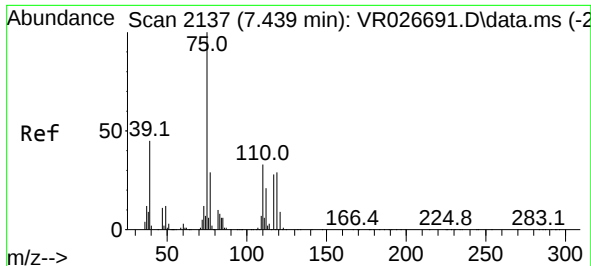
Ion Ratio Lower Upper

113 100

111 99.9 81.7 122.5

192 15.3 12.3 18.5

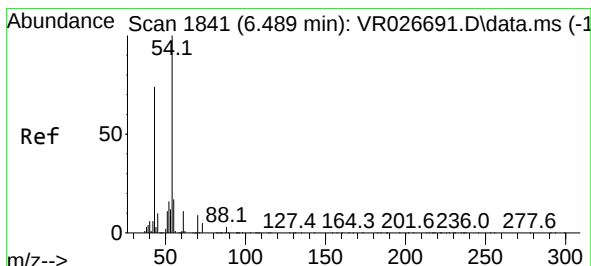
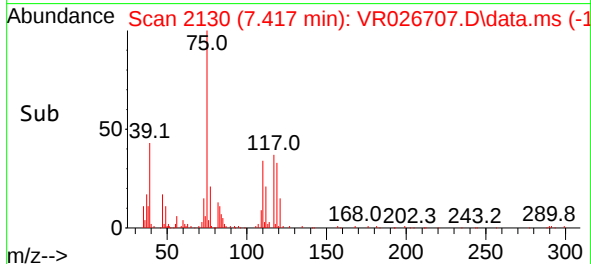
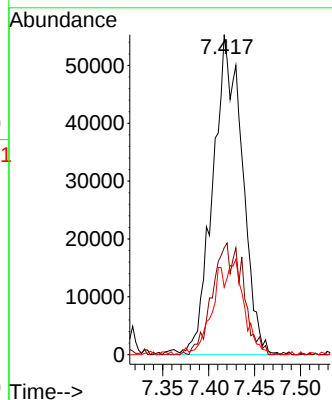
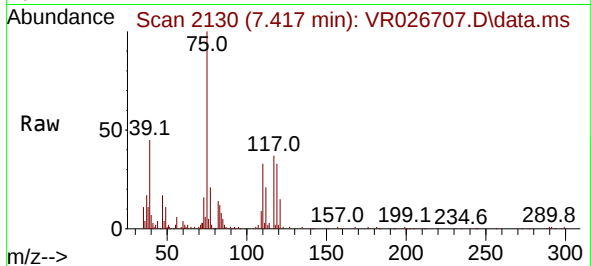




#35
1,1-Dichloropropene
Concen: 18.300 ug/l
RT: 7.417 min Scan# 2130
Delta R.T. -0.022 min
Lab File: VR026707.D
Acq: 5 Aug 2025 11:48

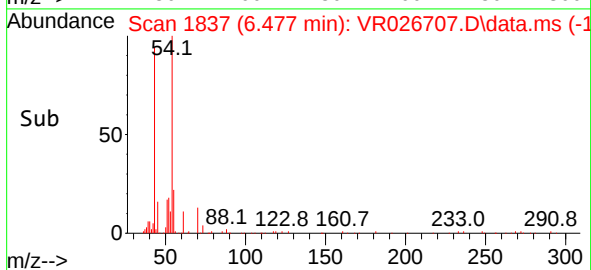
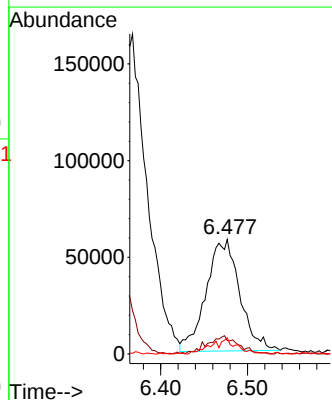
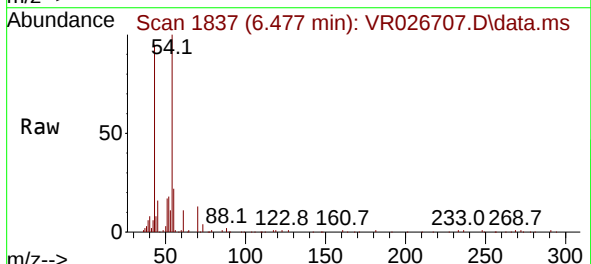
Instrument :
MSVOA_R
ClientSampleId :

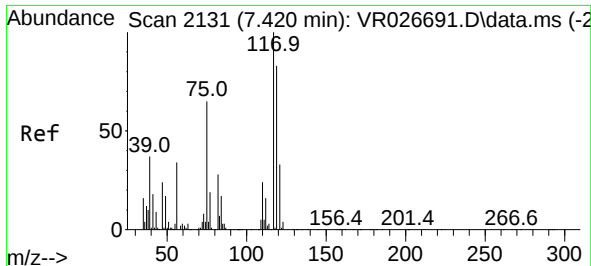
Tgt Ion: 75 Resp: 123006
Ion Ratio Lower Upper
75 100
110 21.3 17.0 50.9
77 11.7 24.6 37.0#



#36
Ethyl Acetate
Concen: 19.267 ug/l
RT: 6.477 min Scan# 1837
Delta R.T. -0.013 min
Lab File: VR026707.D
Acq: 5 Aug 2025 11:48

Tgt Ion: 43 Resp: 155043
Ion Ratio Lower Upper
43 100
61 14.8 12.0 18.0
70 5.5 9.0 13.6#

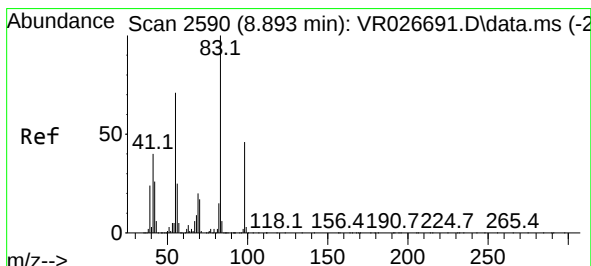
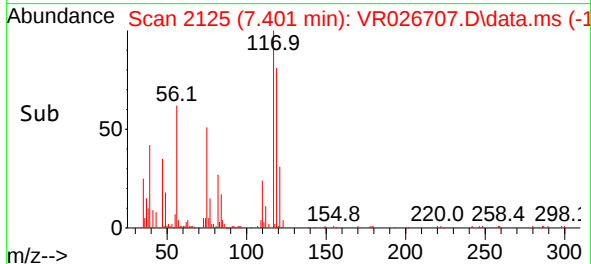
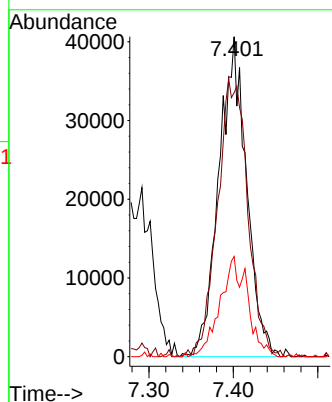
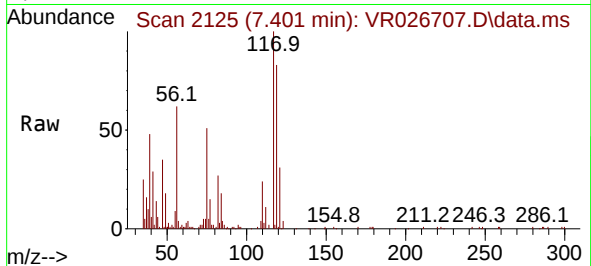




#37
Carbon Tetrachloride
Concen: 16.930 ug/l
RT: 7.401 min Scan# 2131
Delta R.T. -0.019 min
Lab File: VR026707.D
Acq: 5 Aug 2025 11:48

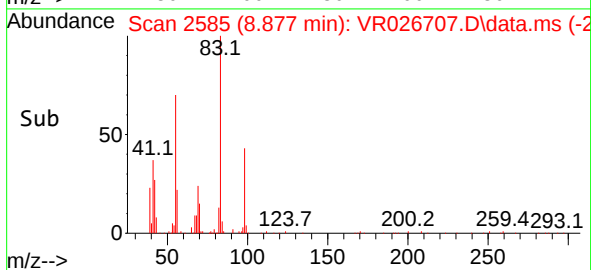
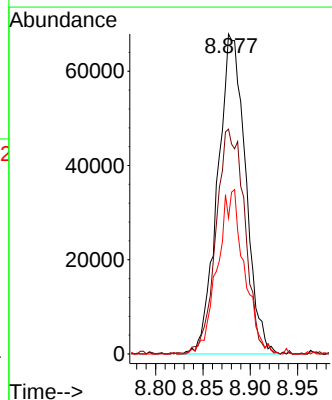
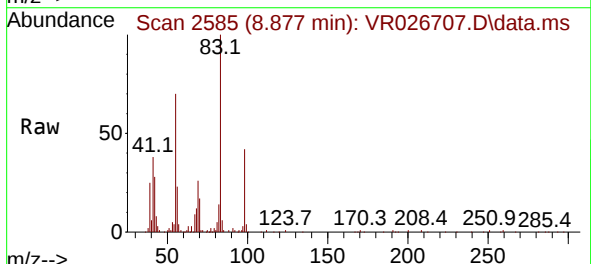
Instrument :
MSVOA_R
ClientSampleId :

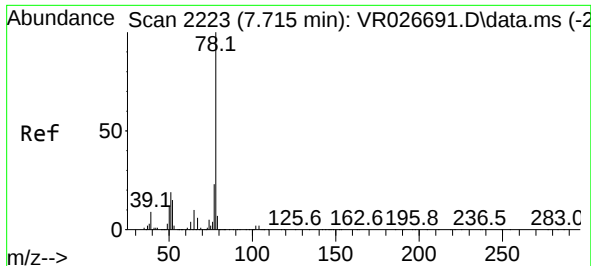
Tgt Ion:117 Resp: 92680
Ion Ratio Lower Upper
117 100
119 82.5 67.0 100.4
121 31.3 26.3 39.5



#38
Methylcyclohexane
Concen: 18.026 ug/l
RT: 8.877 min Scan# 2585
Delta R.T. -0.016 min
Lab File: VR026707.D
Acq: 5 Aug 2025 11:48

Tgt Ion: 83 Resp: 138695
Ion Ratio Lower Upper
83 100
55 70.3 56.7 85.1
98 42.5 36.7 55.1

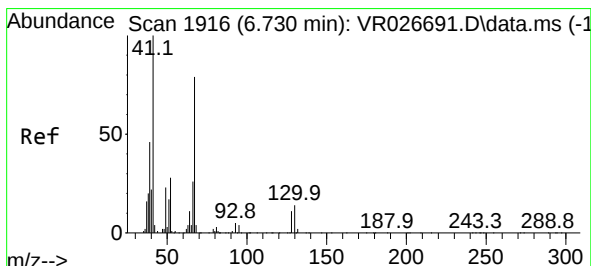
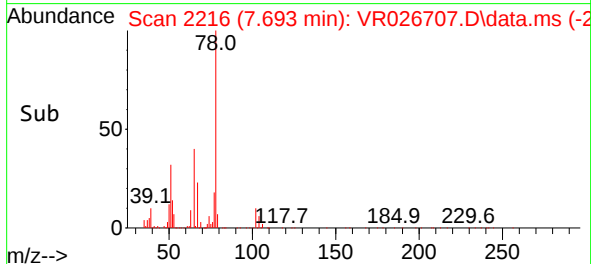
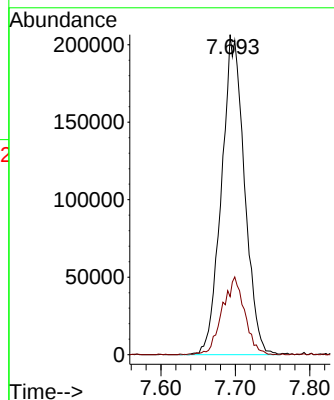
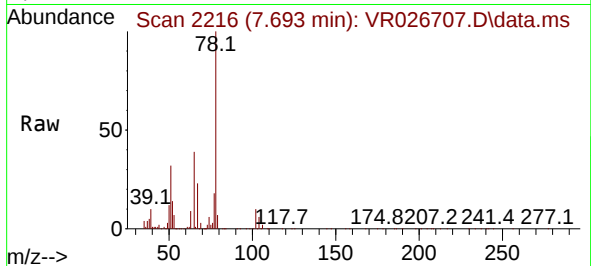




#39
Benzene
Concen: 18.312 ug/l
RT: 7.693 min Scan# 21
Delta R.T. -0.022 min
Lab File: VR026707.D
Acq: 5 Aug 2025 11:48

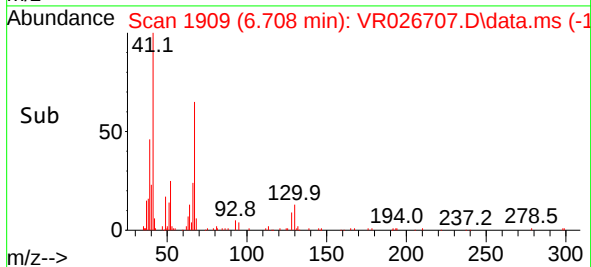
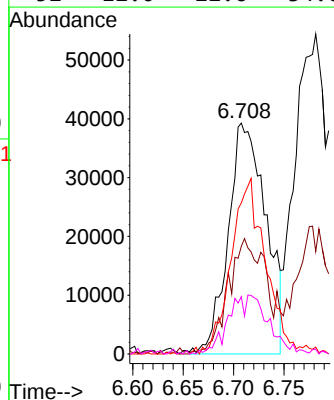
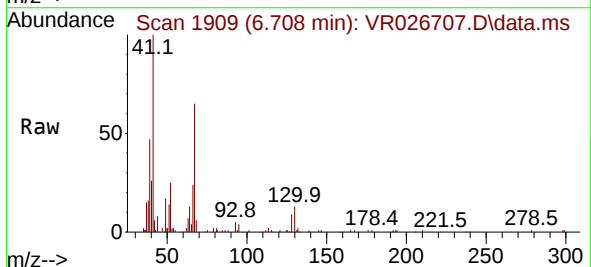
Instrument :
MSVOA_R
ClientSampleId :

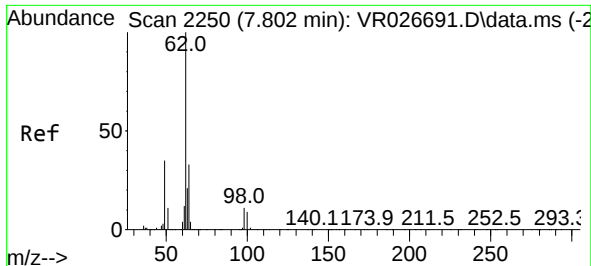
Tgt Ion: 78 Resp: 443272
Ion Ratio Lower Upper
78 100
77 18.2 18.8 28.2#



#40
Methacrylonitrile
Concen: 20.438 ug/l
RT: 6.708 min Scan# 1909
Delta R.T. -0.022 min
Lab File: VR026707.D
Acq: 5 Aug 2025 11:48

Tgt Ion: 41 Resp: 102211
Ion Ratio Lower Upper
41 100
39 35.6 42.4 63.6#
67 0.0 65.6 98.4#
52 12.0 22.6 34.0#

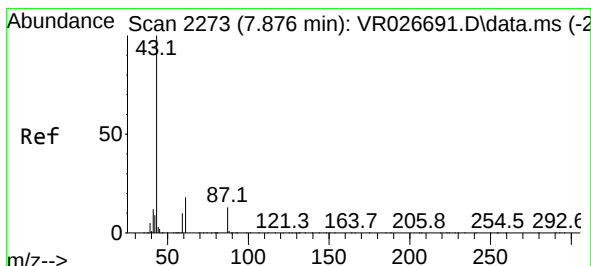
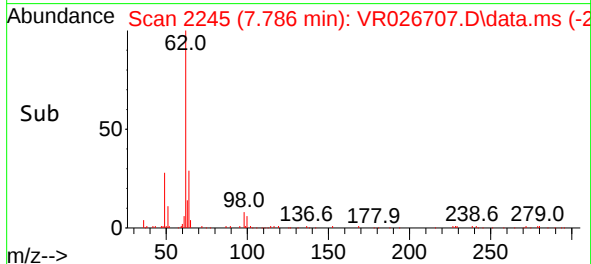
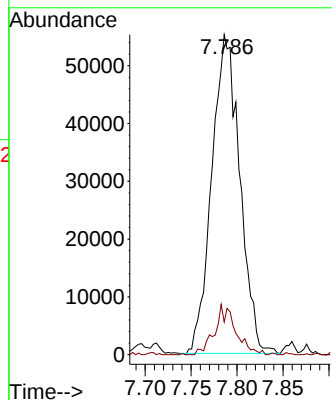
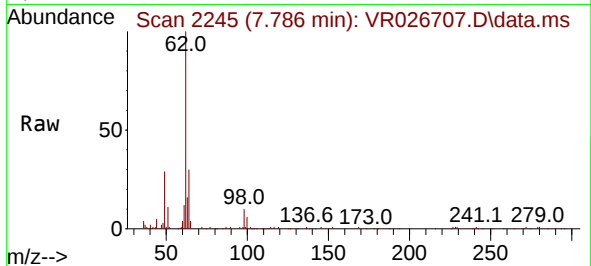




#41
1,2-Dichloroethane
Concen: 18.998 ug/l
RT: 7.786 min Scan# 21
Delta R.T. -0.016 min
Lab File: VR026707.D
Acq: 5 Aug 2025 11:48

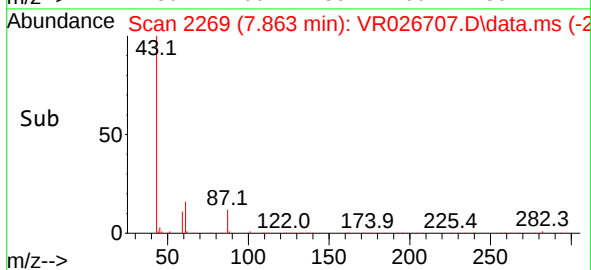
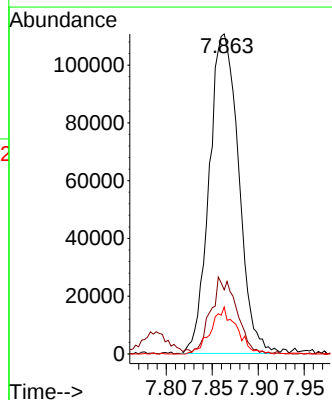
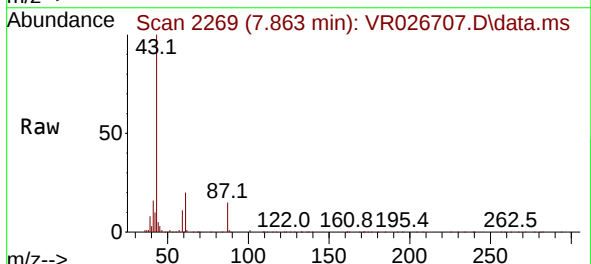
Instrument :
MSVOA_R
ClientSampleId :

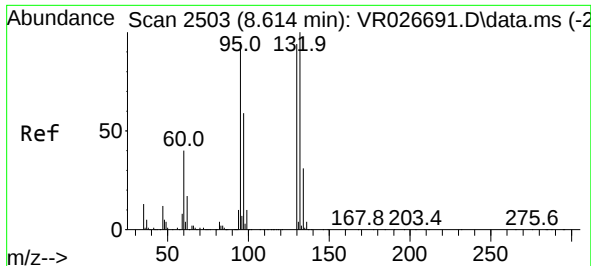
Tgt Ion: 62 Resp: 116971
Ion Ratio Lower Upper
62 100
98 5.7 0.0 22.2



#42
Isopropyl Acetate
Concen: 19.047 ug/l
RT: 7.863 min Scan# 2269
Delta R.T. -0.013 min
Lab File: VR026707.D
Acq: 5 Aug 2025 11:48

Tgt Ion: 43 Resp: 246458
Ion Ratio Lower Upper
43 100
61 20.9 17.9 26.9
87 12.8 10.8 16.2

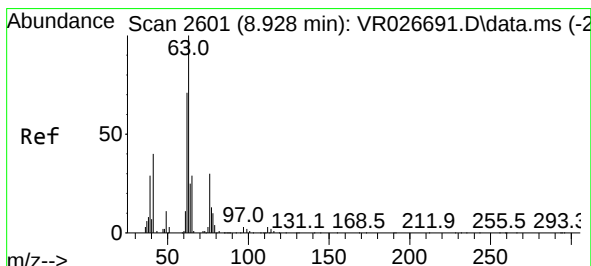
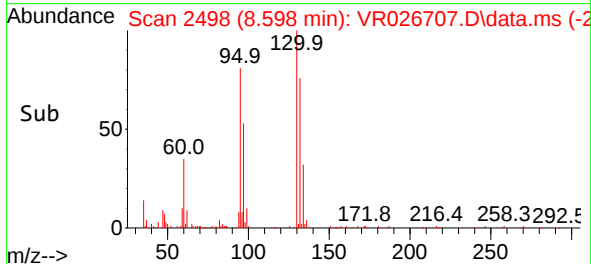
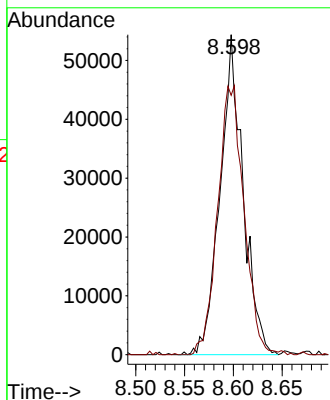
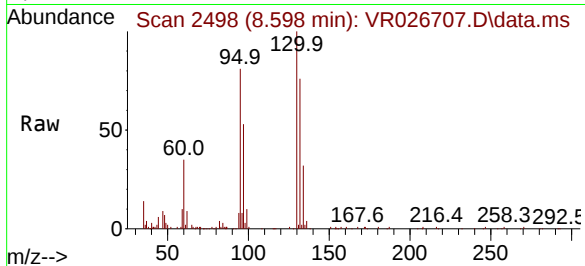




#43
 Trichloroethene
 Concen: 19.123 ug/l
 RT: 8.598 min Scan# 2498
 Delta R.T. -0.016 min
 Lab File: VR026707.D
 Acq: 5 Aug 2025 11:48

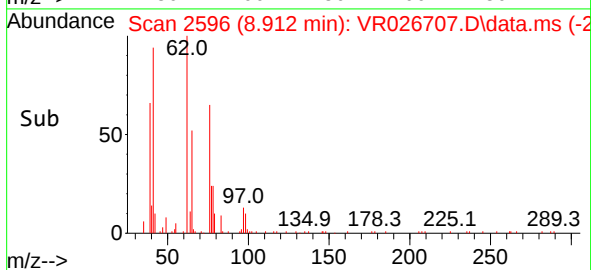
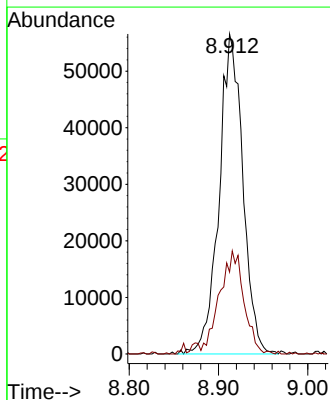
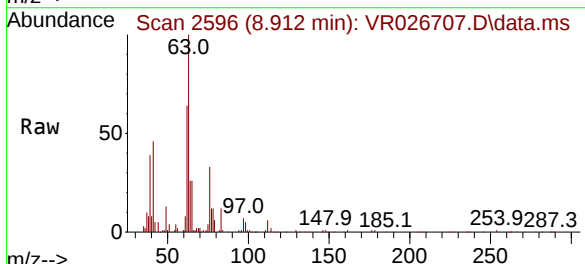
Instrument :
 MSVOA_R
 ClientSampleId :

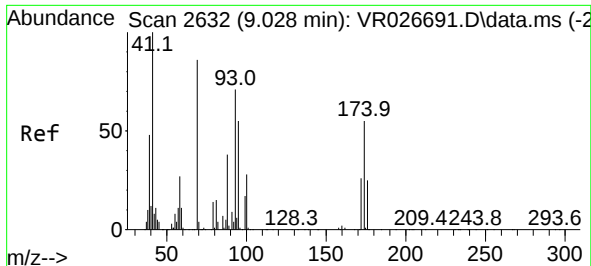
Tgt Ion:130 Resp: 89019
 Ion Ratio Lower Upper
 130 100
 95 81.1 0.0 200.6



#44
 1,2-Dichloropropane
 Concen: 18.275 ug/l
 RT: 8.912 min Scan# 2596
 Delta R.T. -0.016 min
 Lab File: VR026707.D
 Acq: 5 Aug 2025 11:48

Tgt Ion: 63 Resp: 104683
 Ion Ratio Lower Upper
 63 100
 65 24.8 23.8 35.8

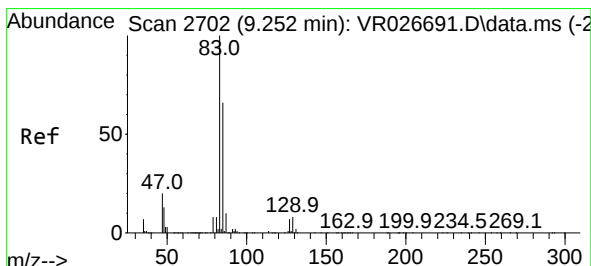
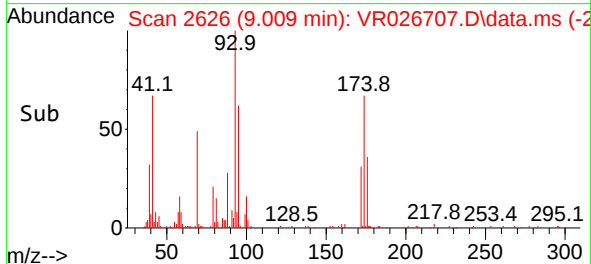
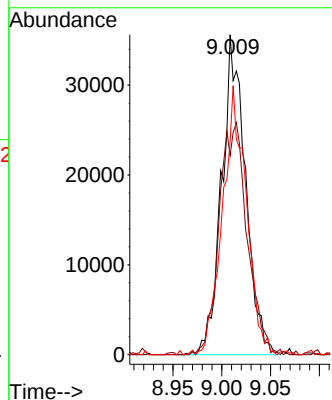
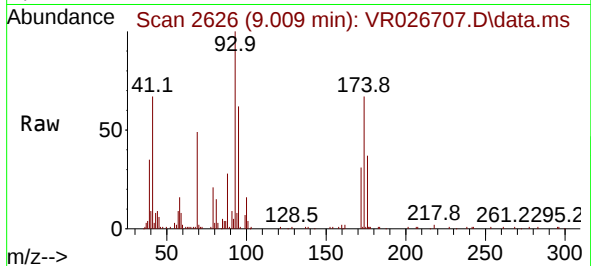




#45
Dibromomethane
Concen: 18.836 ug/l
RT: 9.009 min Scan# 21
Delta R.T. -0.019 min
Lab File: VR026707.D
Acq: 5 Aug 2025 11:48

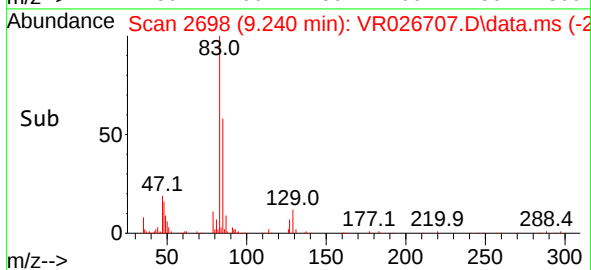
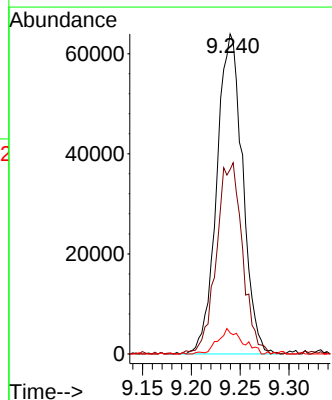
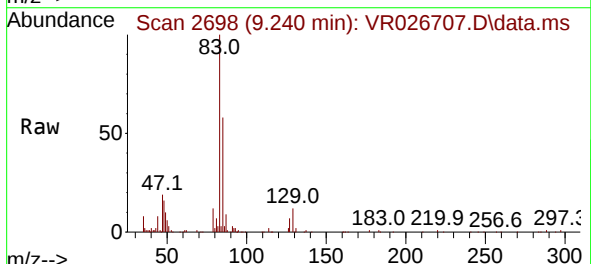
Instrument :
MSVOA_R
ClientSampleId :

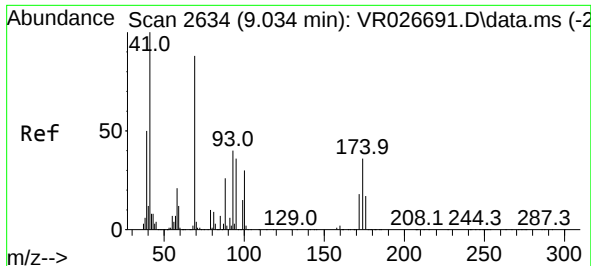
Tgt Ion: 93 Resp: 60006
Ion Ratio Lower Upper
93 100
95 86.0 69.4 104.0
174 84.4 66.9 100.3



#46
Bromodichloromethane
Concen: 19.053 ug/l
RT: 9.240 min Scan# 2698
Delta R.T. -0.013 min
Lab File: VR026707.D
Acq: 5 Aug 2025 11:48

Tgt Ion: 83 Resp: 117603
Ion Ratio Lower Upper
83 100
85 57.6 52.6 78.8
127 6.6 5.5 8.3

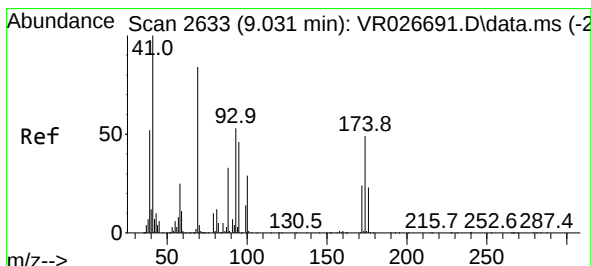
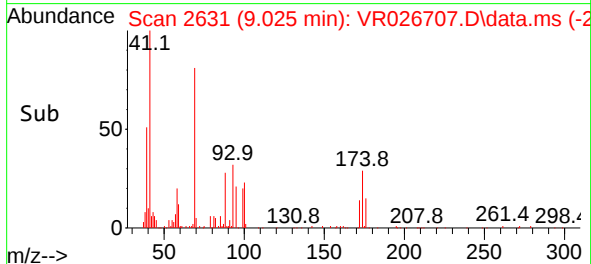
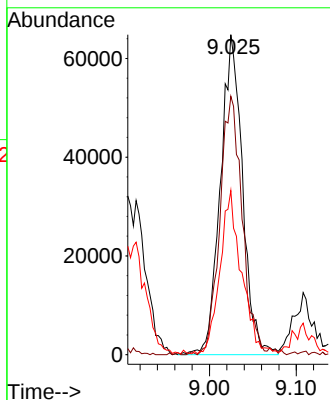
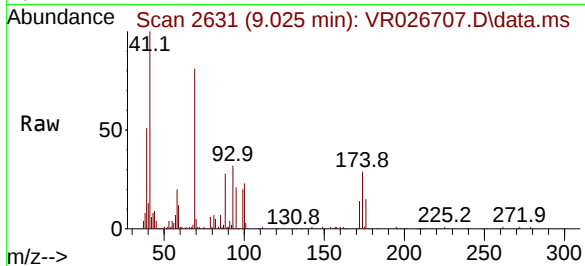




#47
Methyl methacrylate
Concen: 20.288 ug/l
RT: 9.025 min Scan# 20
Delta R.T. -0.009 min
Lab File: VR026707.D
Acq: 5 Aug 2025 11:48

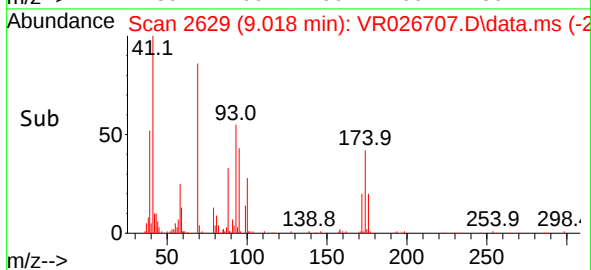
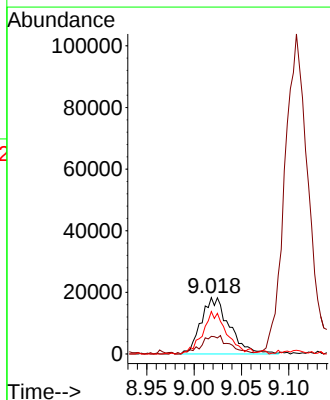
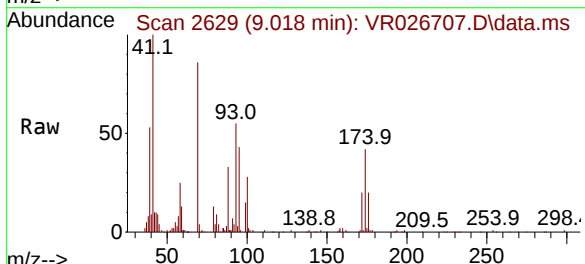
Instrument :
MSVOA_R
ClientSampleId :

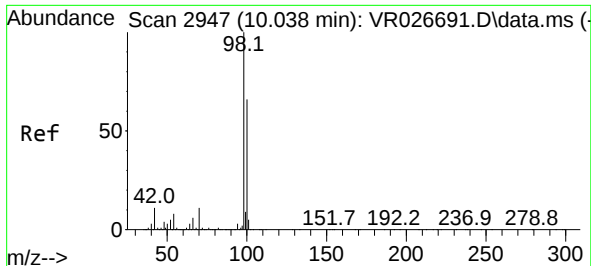
Tgt Ion: 41 Resp: 114896
Ion Ratio Lower Upper
41 100
69 80.8 69.8 104.6
39 49.4 39.4 59.2



#48
1,4-Dioxane
Concen: 415.784 ug/l
RT: 9.018 min Scan# 2629
Delta R.T. -0.013 min
Lab File: VR026707.D
Acq: 5 Aug 2025 11:48

Tgt Ion: 88 Resp: 37929
Ion Ratio Lower Upper
88 100
43 32.4 25.2 37.8
58 62.3 60.8 91.2

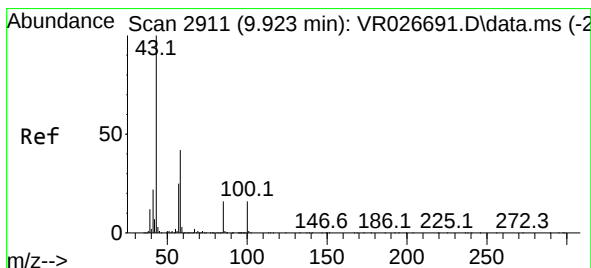
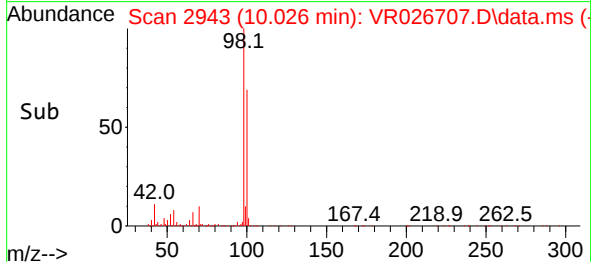
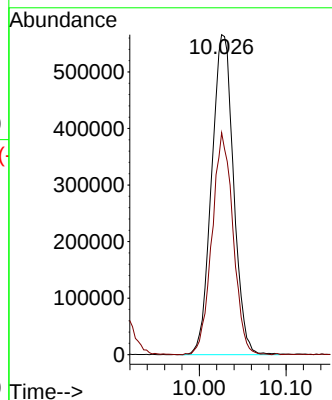
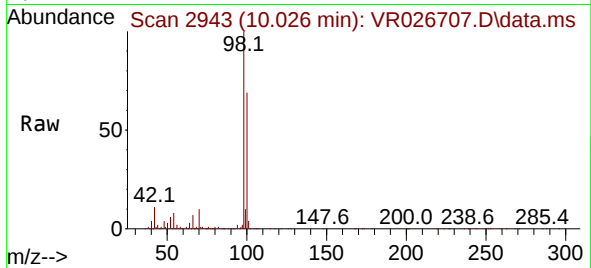




#49
Toluene-d8
Concen: 51.941 ug/l
RT: 10.026 min Scan# 2943
Delta R.T. -0.013 min
Lab File: VR026707.D
Acq: 5 Aug 2025 11:48

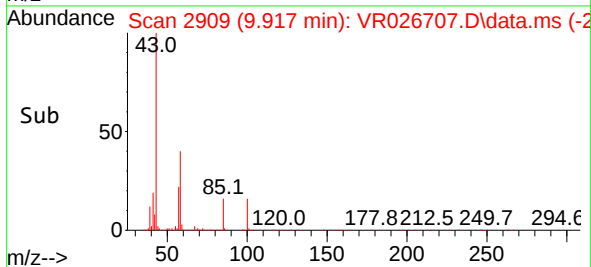
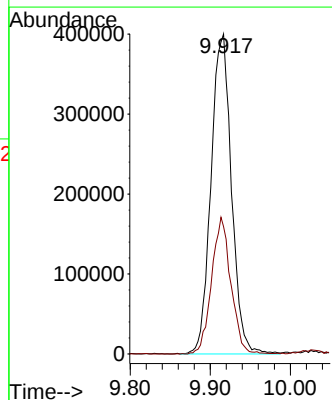
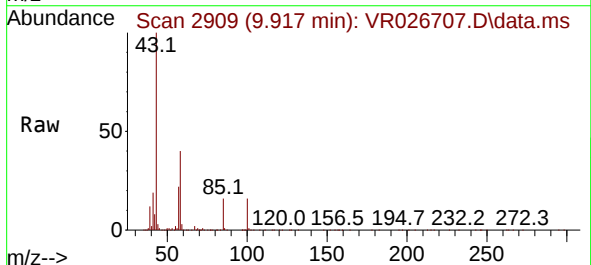
Instrument :
MSVOA_R
ClientSampleId :

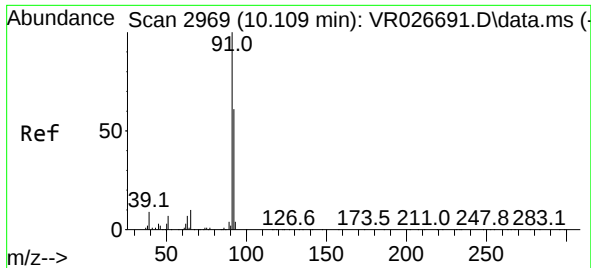
Tgt Ion: 98 Resp: 991491
Ion Ratio Lower Upper
98 100
100 66.6 53.9 80.9



#50
4-Methyl-2-Pentanone
Concen: 105.041 ug/l
RT: 9.917 min Scan# 2909
Delta R.T. -0.006 min
Lab File: VR026707.D
Acq: 5 Aug 2025 11:48

Tgt Ion: 43 Resp: 709581
Ion Ratio Lower Upper
43 100
58 40.2 33.7 50.5

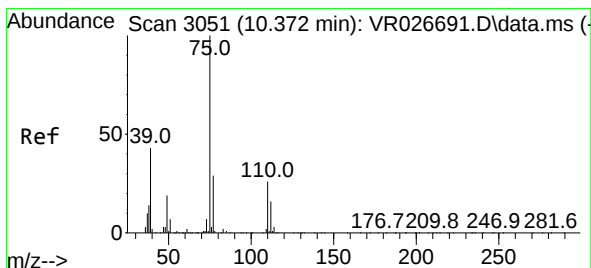
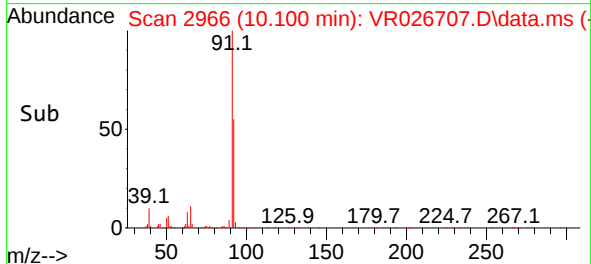
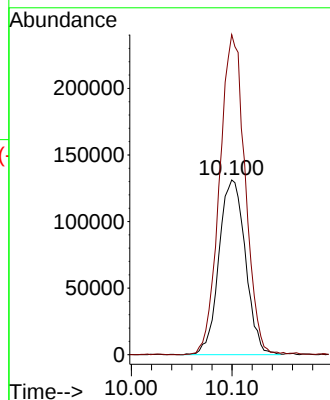
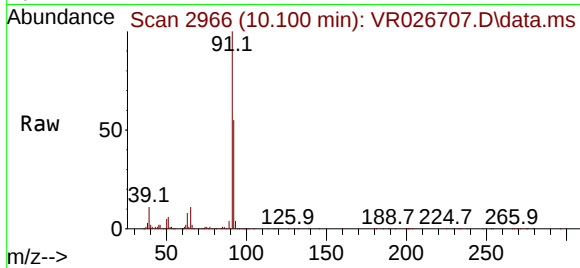




#51
Toluene
Concen: 19.379 ug/l
RT: 10.100 min Scan# 2969
Delta R.T. -0.009 min
Lab File: VR026707.D
Acq: 5 Aug 2025 11:48

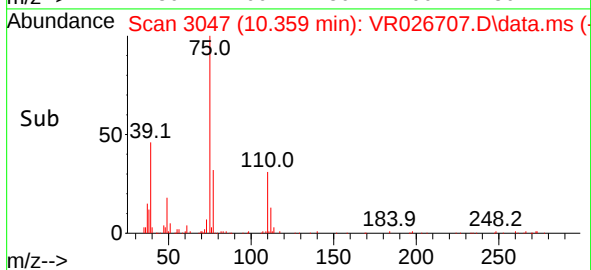
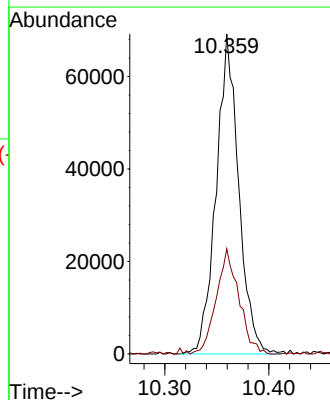
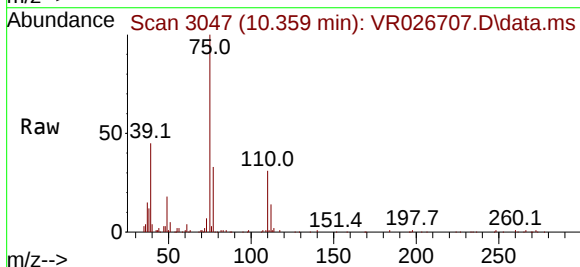
Instrument :
MSVOA_R
ClientSampleId :

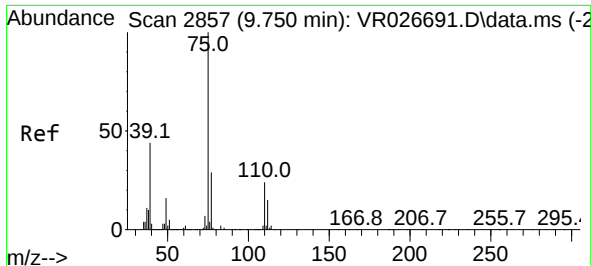
Tgt Ion: 92 Resp: 239463
Ion Ratio Lower Upper
92 100
91 177.3 137.8 206.6



#52
t-1,3-Dichloropropene
Concen: 17.201 ug/l
RT: 10.359 min Scan# 3047
Delta R.T. -0.013 min
Lab File: VR026707.D
Acq: 5 Aug 2025 11:48

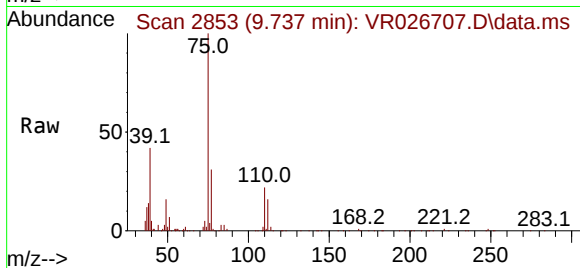
Tgt Ion: 75 Resp: 104064
Ion Ratio Lower Upper
75 100
77 32.8 23.4 35.2



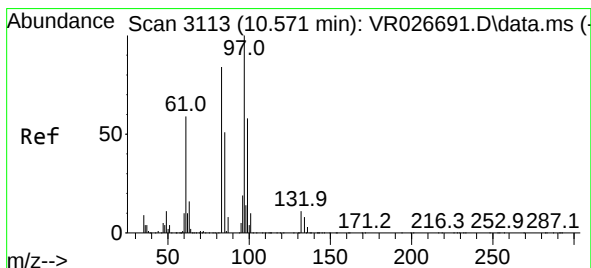
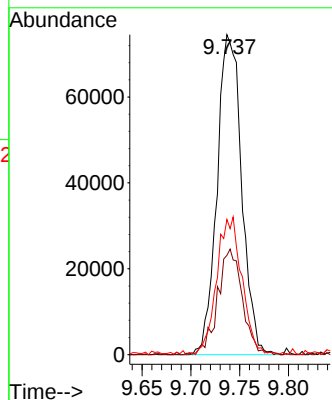
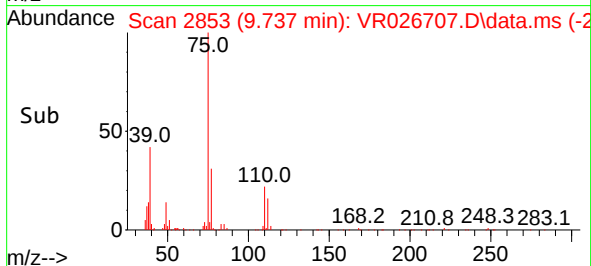


#53
cis-1,3-Dichloropropene
Concen: 18.045 ug/l
RT: 9.737 min Scan# 2109
Delta R.T. -0.013 min
Lab File: VR026707.D
Acq: 5 Aug 2025 11:48

Instrument :
MSVOA_R
ClientSampleId :

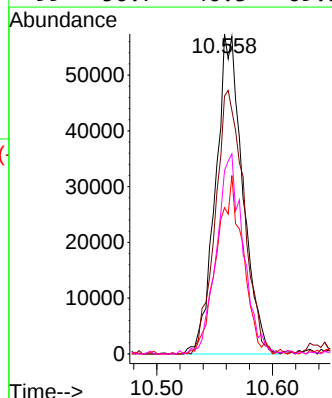
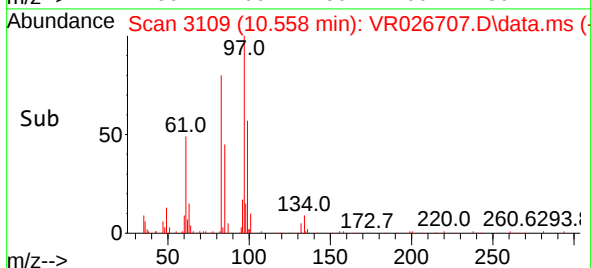
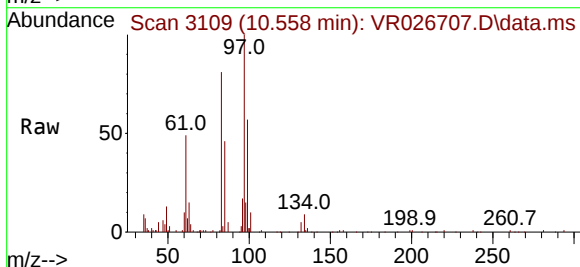


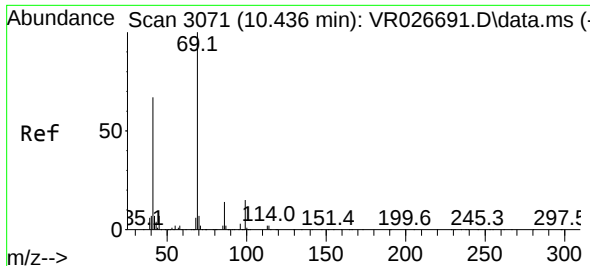
Tgt Ion: 75 Resp: 130948
Ion Ratio Lower Upper
75 100
77 31.1 22.9 34.3
39 42.0 34.8 52.2



#54
1,1,2-Trichloroethane
Concen: 20.792 ug/l
RT: 10.558 min Scan# 3109
Delta R.T. -0.013 min
Lab File: VR026707.D
Acq: 5 Aug 2025 11:48

Tgt Ion: 97 Resp: 93830
Ion Ratio Lower Upper
97 100
83 80.6 67.4 101.2
85 45.7 40.4 60.6
99 56.7 46.3 69.5

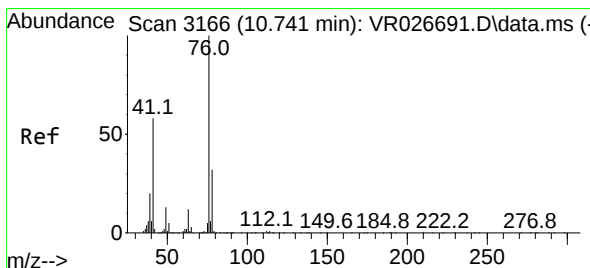
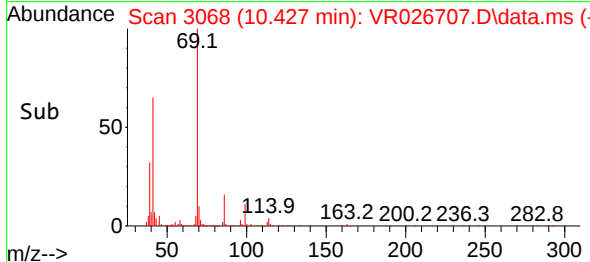
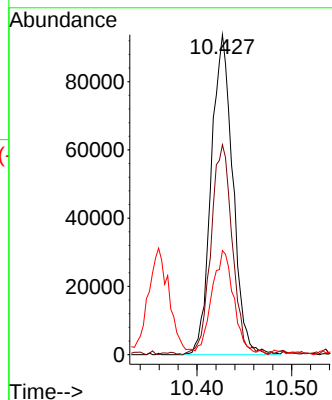
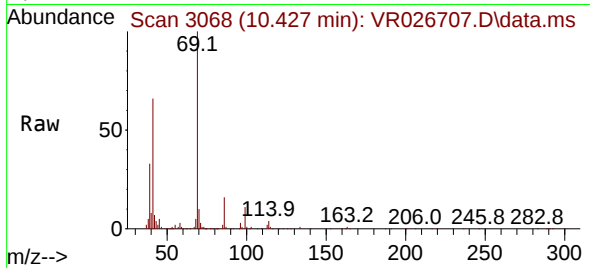




#55
Ethyl methacrylate
Concen: 19.925 ug/l
RT: 10.427 min Scan# 3071
Delta R.T. -0.009 min
Lab File: VR026707.D
Acq: 5 Aug 2025 11:48

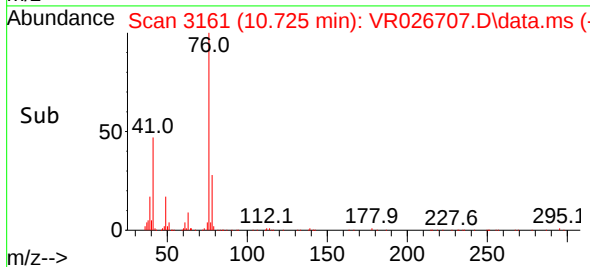
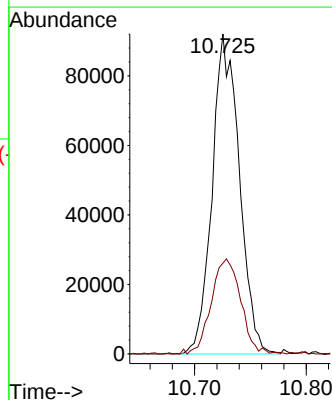
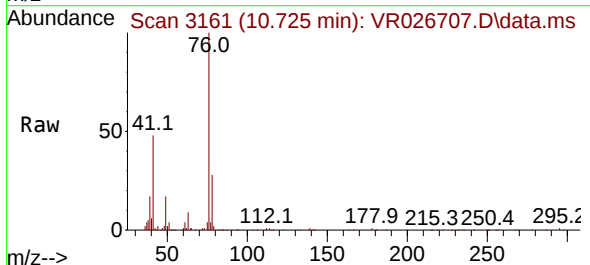
Instrument :
MSVOA_R
ClientSampleId :

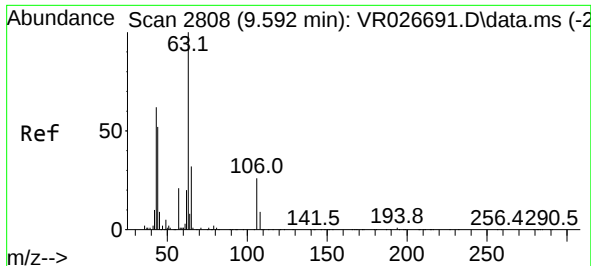
Tgt Ion: 69 Resp: 148494
Ion Ratio Lower Upper
69 100
41 65.1 51.5 77.3
39 31.7 24.7 37.1



#56
1,3-Dichloropropane
Concen: 20.238 ug/l
RT: 10.725 min Scan# 3161
Delta R.T. -0.016 min
Lab File: VR026707.D
Acq: 5 Aug 2025 11:48

Tgt Ion: 76 Resp: 155564
Ion Ratio Lower Upper
76 100
78 31.9 25.8 38.6





#57

2-Chloroethyl Vinyl ether

Concen: 109.355 ug/l

RT: 9.583 min Scan# 21

Delta R.T. -0.009 min

Lab File: VR026707.D

Acq: 5 Aug 2025 11:48

Instrument :

MSVOA_R

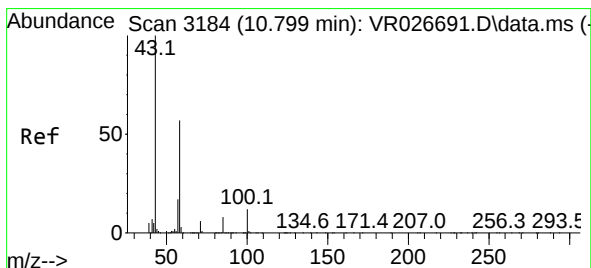
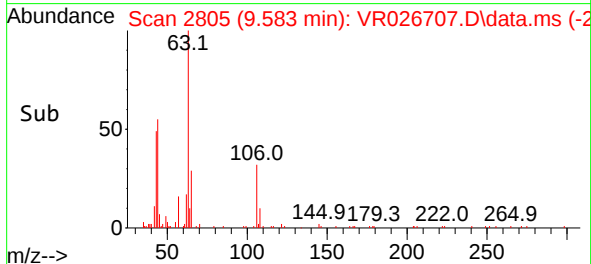
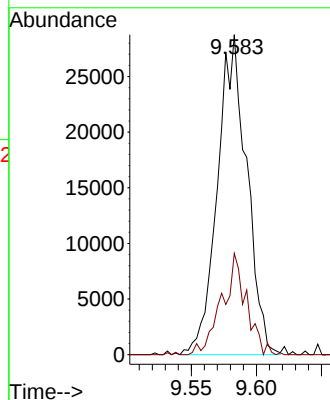
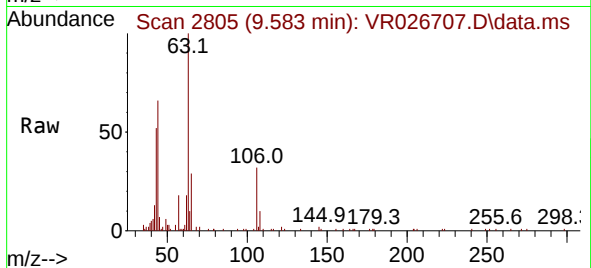
ClientSampleId :

Tgt Ion: 63 Resp: 45037

Ion Ratio Lower Upper

63 100

106 26.5 22.5 33.7



#58

2-Hexanone

Concen: 100.825 ug/l

RT: 10.789 min Scan# 3181

Delta R.T. -0.009 min

Lab File: VR026707.D

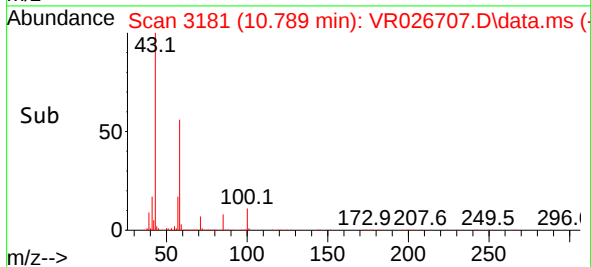
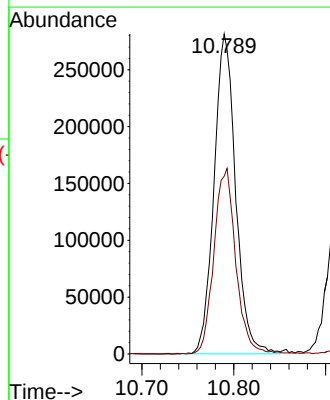
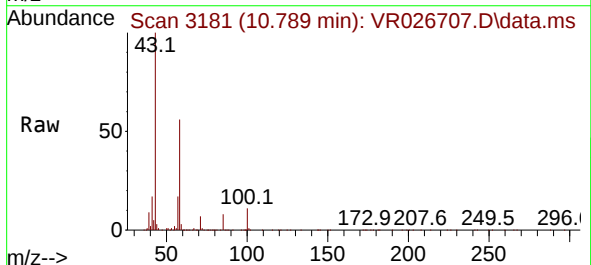
Acq: 5 Aug 2025 11:48

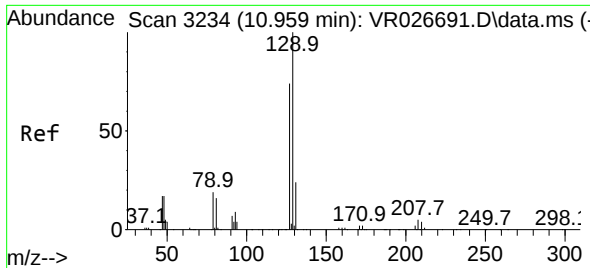
Tgt Ion: 43 Resp: 459156

Ion Ratio Lower Upper

43 100

58 58.8 28.8 86.4

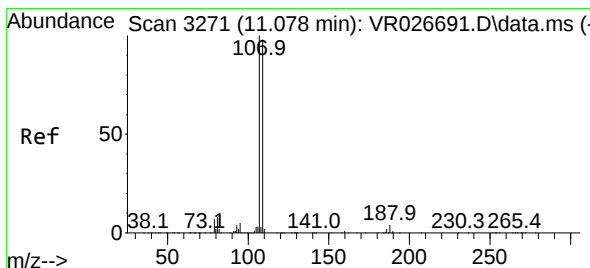
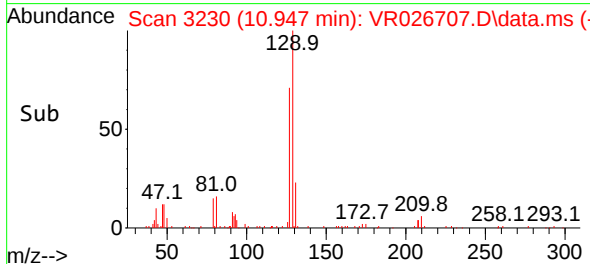
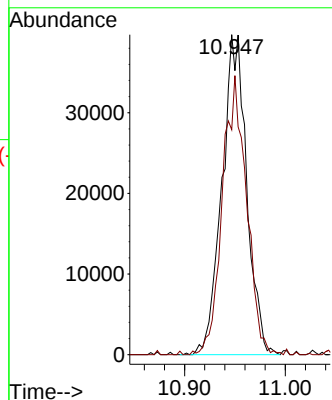
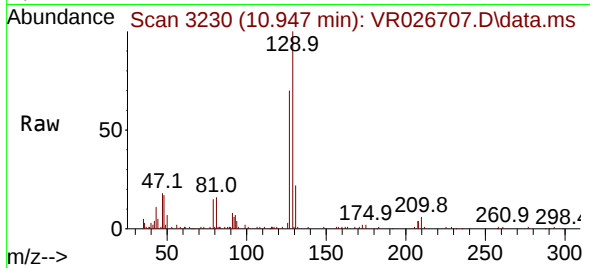




#59
Dibromochloromethane
Concen: 17.742 ug/l
RT: 10.947 min Scan# 31
Delta R.T. -0.013 min
Lab File: VR026707.D
Acq: 5 Aug 2025 11:48

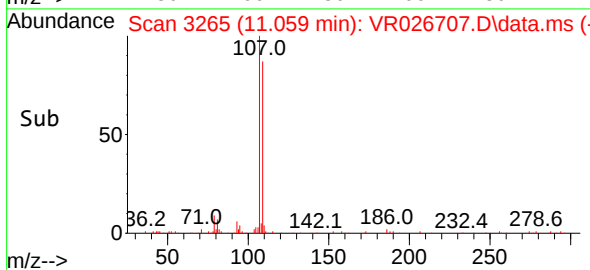
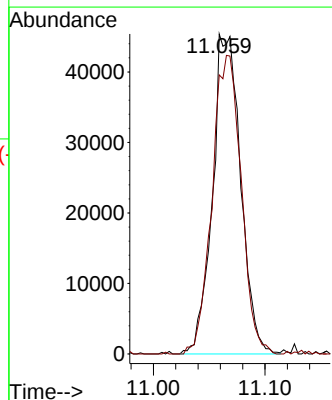
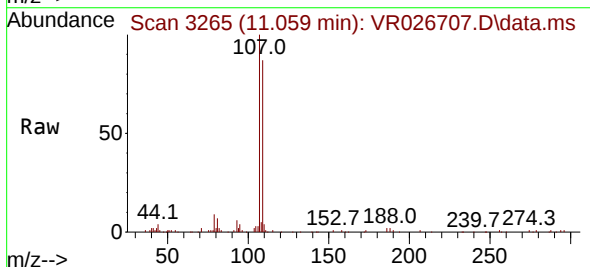
Instrument :
MSVOA_R
ClientSampleId :

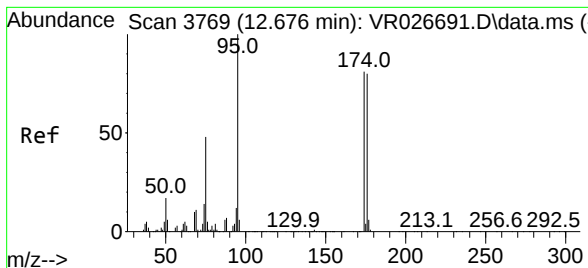
Tgt Ion:129 Resp: 67762
Ion Ratio Lower Upper
129 100
127 85.0 38.9 116.6



#60
1,2-Dibromoethane
Concen: 20.495 ug/l
RT: 11.059 min Scan# 3265
Delta R.T. -0.019 min
Lab File: VR026707.D
Acq: 5 Aug 2025 11:48

Tgt Ion:107 Resp: 79602
Ion Ratio Lower Upper
107 100
109 96.5 75.9 113.9

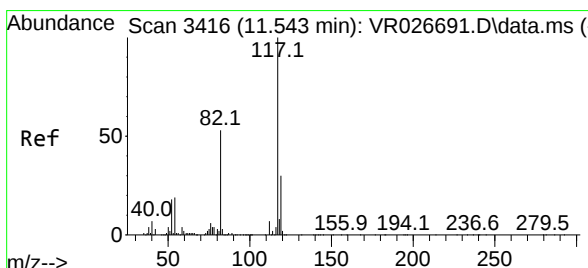
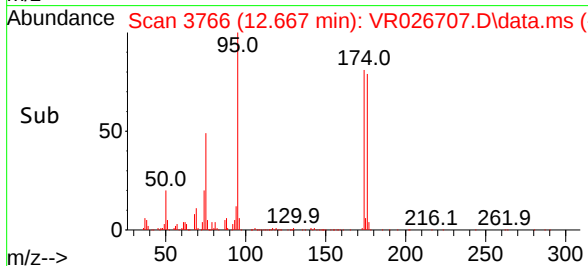
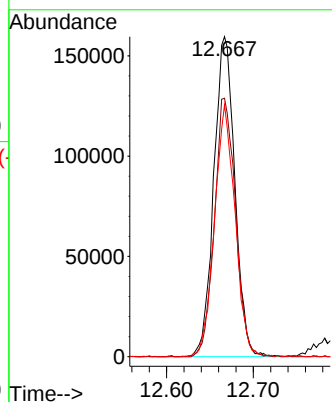
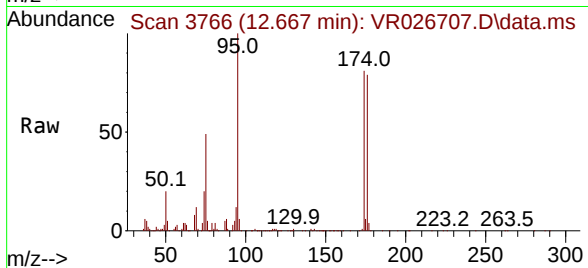




#61
4-Bromofluorobenzene
Concen: 49.463 ug/l
RT: 12.667 min Scan# 31
Delta R.T. -0.009 min
Lab File: VR026707.D
Acq: 5 Aug 2025 11:48

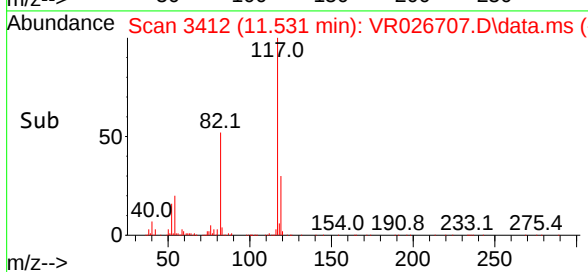
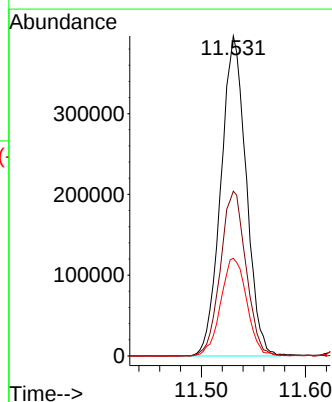
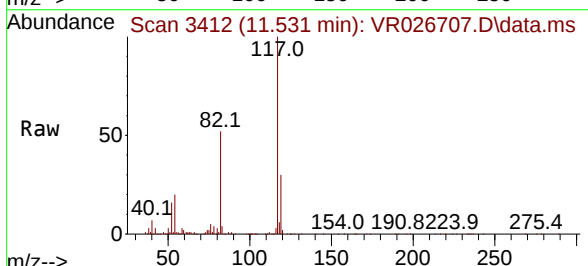
Instrument :
MSVOA_R
ClientSampleId :

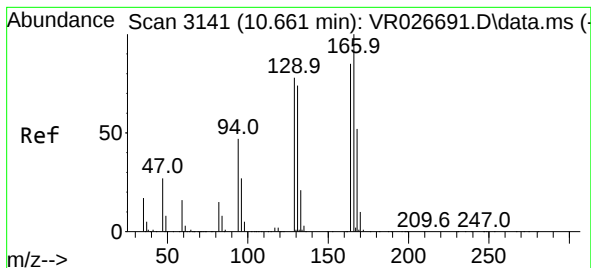
Tgt Ion: 95 Resp: 268556
Ion Ratio Lower Upper
95 100
174 81.1 0.0 158.4
176 77.1 0.0 149.0



#62
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.531 min Scan# 3412
Delta R.T. -0.013 min
Lab File: VR026707.D
Acq: 5 Aug 2025 11:48

Tgt Ion: 117 Resp: 667654
Ion Ratio Lower Upper
117 100
82 51.5 42.0 63.0
119 30.5 23.9 35.9





#63

Tetrachloroethene

Concen: 19.432 ug/l

RT: 10.648 min Scan# 3141

Delta R.T. -0.013 min

Lab File: VR026707.D

Acq: 5 Aug 2025 11:48

Instrument :

MSVOA_R

ClientSampleId :

Tgt Ion:164 Resp: 70873

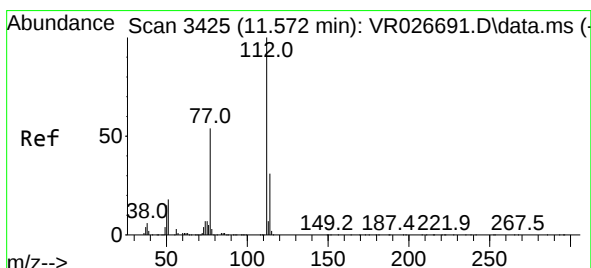
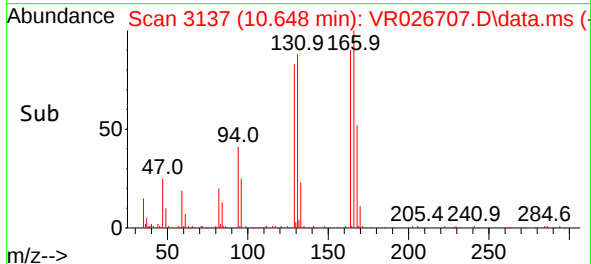
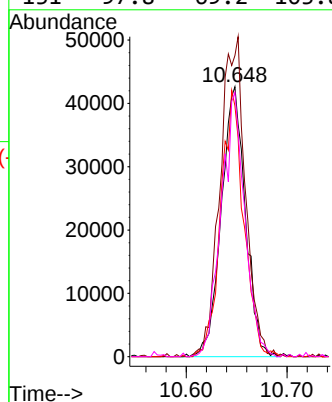
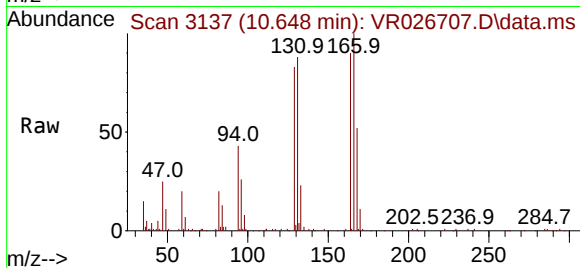
Ion Ratio Lower Upper

164 100

166 111.5 93.7 140.5

129 92.9 73.4 110.2

131 97.8 69.2 103.8



#64

Chlorobenzene

Concen: 18.514 ug/l

RT: 11.563 min Scan# 3422

Delta R.T. -0.010 min

Lab File: VR026707.D

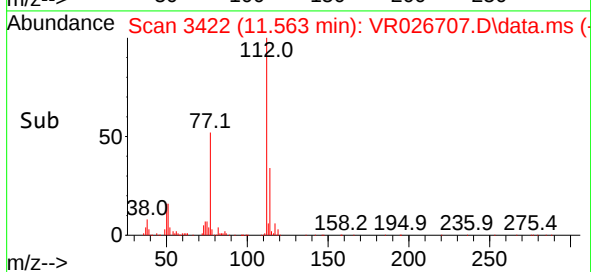
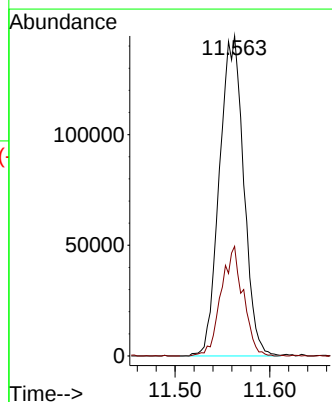
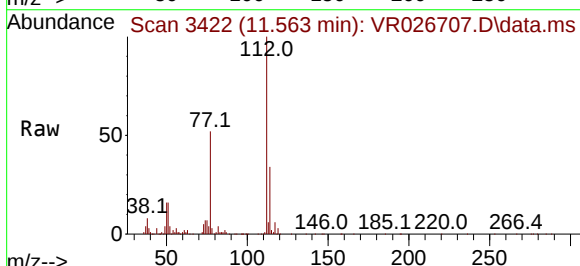
Acq: 5 Aug 2025 11:48

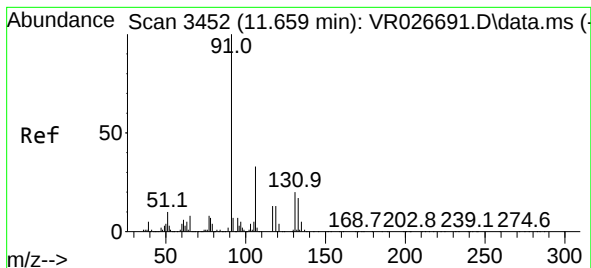
Tgt Ion:112 Resp: 257246

Ion Ratio Lower Upper

112 100

114 34.3 25.0 37.6





#65

1,1,1,2-Tetrachloroethane

Concen: 18.297 ug/l

RT: 11.646 min Scan# 34

Delta R.T. -0.013 min

Lab File: VR026707.D

Acq: 5 Aug 2025 11:48

Instrument :

MSVOA_R

ClientSampleId :

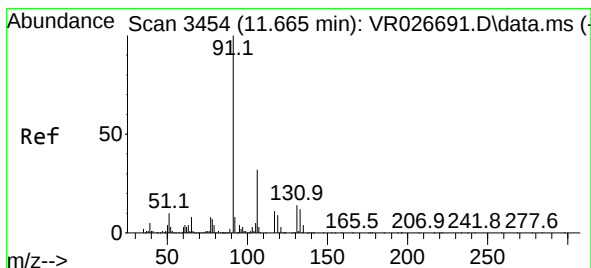
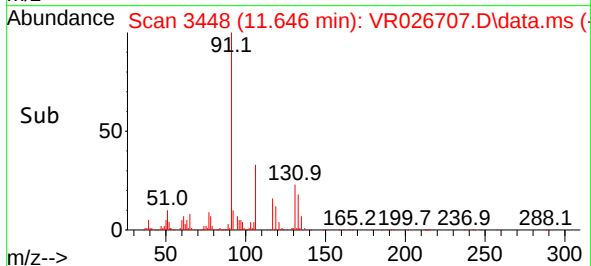
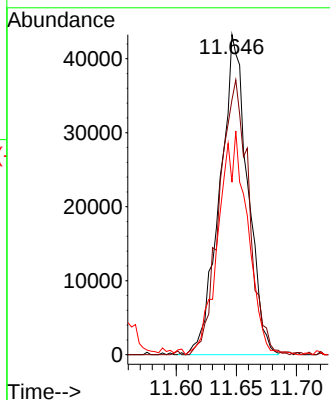
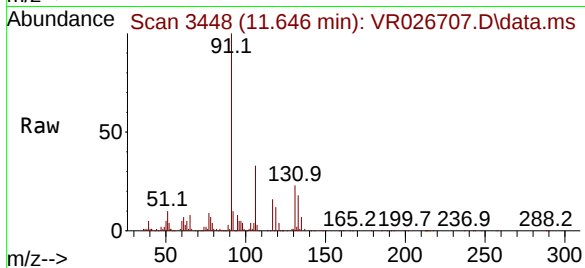
Tgt Ion:131 Resp: 69439

Ion Ratio Lower Upper

131 100

133 90.7 46.2 138.5

119 37.5 35.7 107.1



#66

Ethyl Benzene

Concen: 18.185 ug/l

RT: 11.656 min Scan# 3451

Delta R.T. -0.009 min

Lab File: VR026707.D

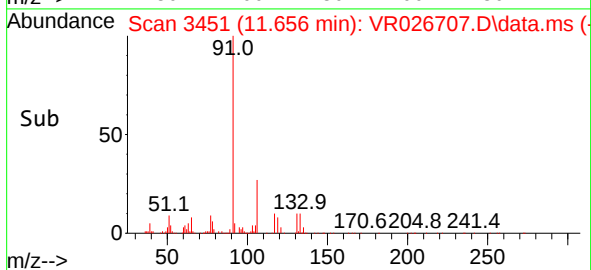
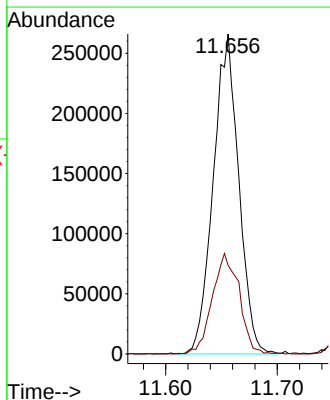
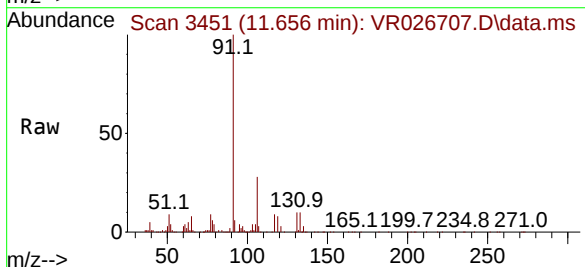
Acq: 5 Aug 2025 11:48

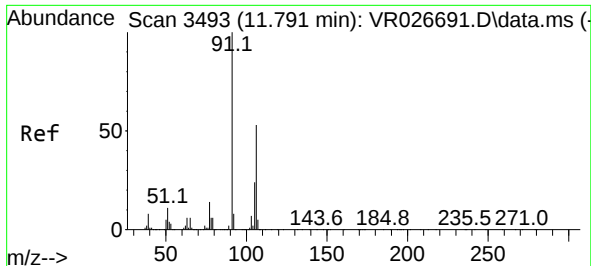
Tgt Ion: 91 Resp: 421916

Ion Ratio Lower Upper

91 100

106 27.5 25.4 38.0

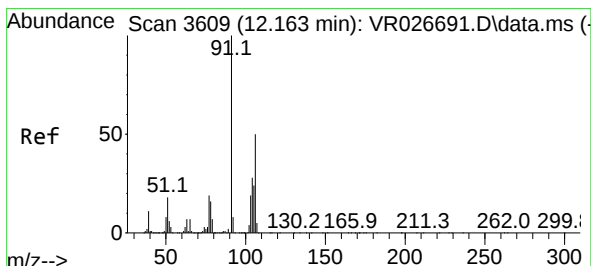
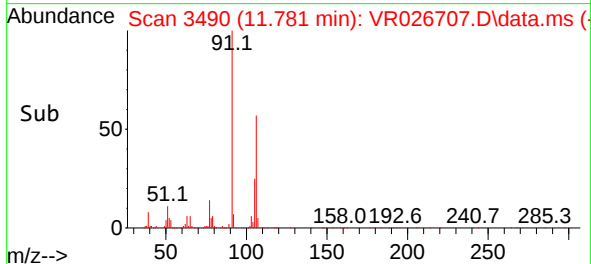
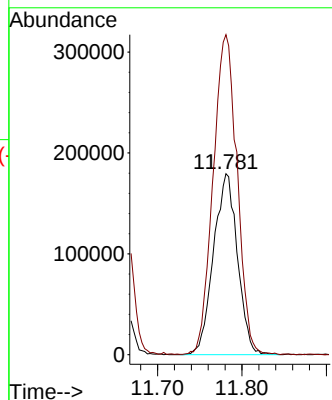
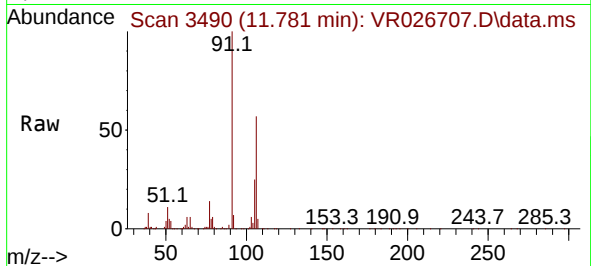




#67
m/p-Xylenes
Concen: 38.057 ug/l
RT: 11.781 min Scan# 3493
Delta R.T. -0.009 min
Lab File: VR026707.D
Acq: 5 Aug 2025 11:48

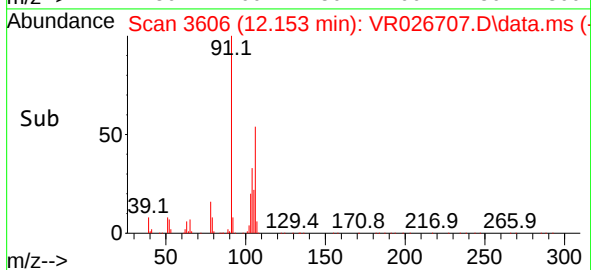
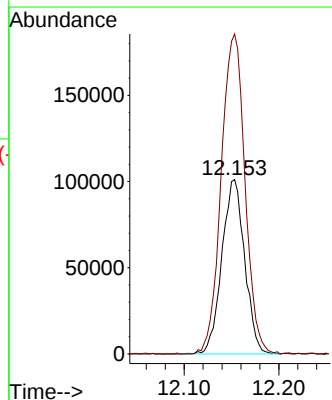
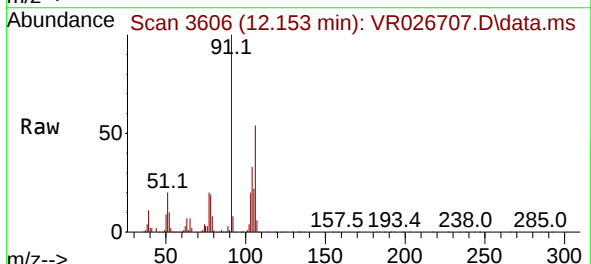
Instrument :
MSVOA_R
ClientSampleId :

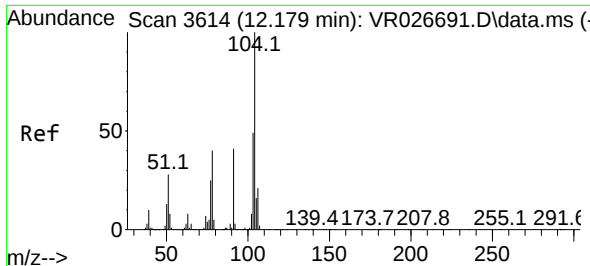
Tgt Ion:106 Resp: 352756
Ion Ratio Lower Upper
106 100
91 177.0 146.8 220.2



#68
o-Xylene
Concen: 18.779 ug/l
RT: 12.153 min Scan# 3606
Delta R.T. -0.009 min
Lab File: VR026707.D
Acq: 5 Aug 2025 11:48

Tgt Ion:106 Resp: 168975
Ion Ratio Lower Upper
106 100
91 191.4 97.9 293.6

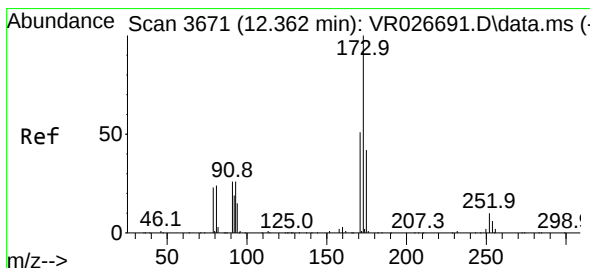
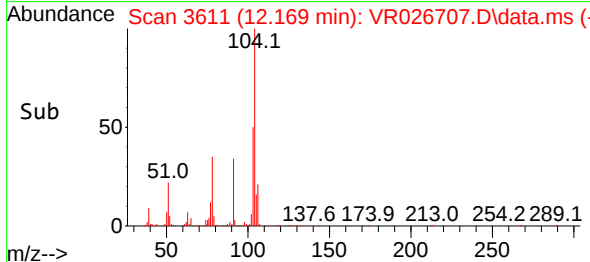
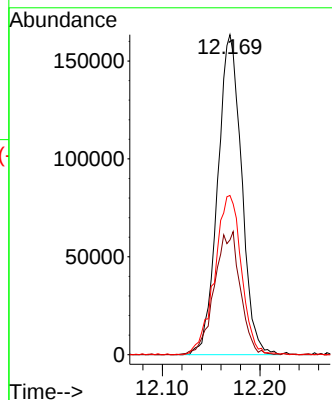
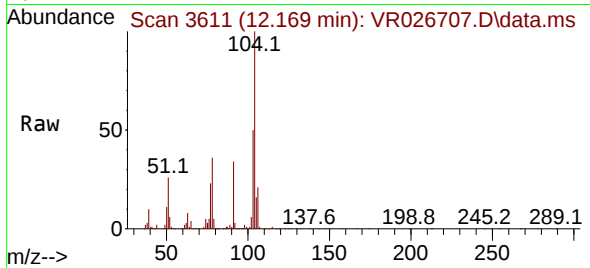




#69
Styrene
Concen: 18.486 ug/l
RT: 12.169 min Scan# 3611
Delta R.T. -0.010 min
Lab File: VR026707.D
Acq: 5 Aug 2025 11:48

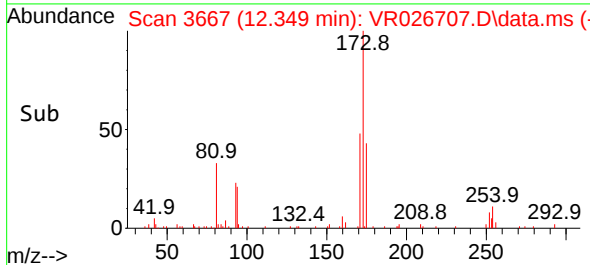
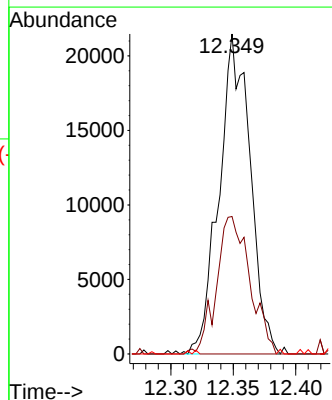
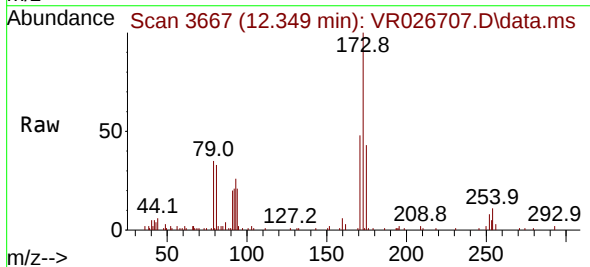
Instrument :
MSVOA_R
ClientSampleId :

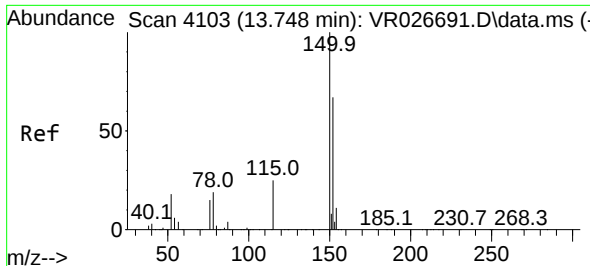
Tgt Ion:104 Resp: 277954
Ion Ratio Lower Upper
104 100
78 41.8 34.5 51.7
103 55.5 43.2 64.8



#70
Bromoform
Concen: 17.305 ug/l
RT: 12.349 min Scan# 3667
Delta R.T. -0.013 min
Lab File: VR026707.D
Acq: 5 Aug 2025 11:48

Tgt Ion:173 Resp: 37169
Ion Ratio Lower Upper
173 100
175 46.2 23.6 71.0
254 0.0 0.1 0.1#

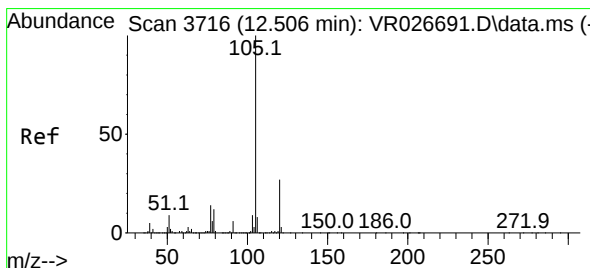
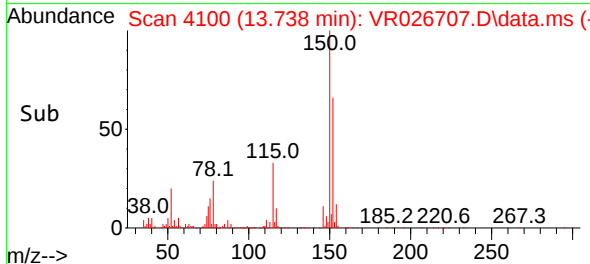
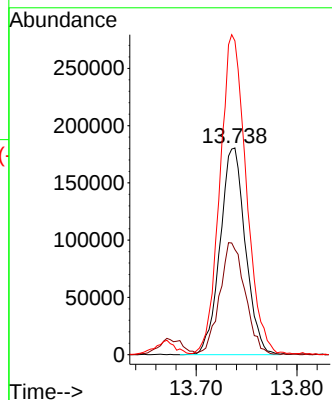
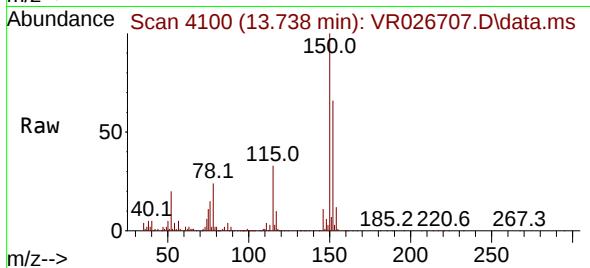




#71
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.738 min Scan# 4103
Delta R.T. -0.009 min
Lab File: VR026707.D
Acq: 5 Aug 2025 11:48

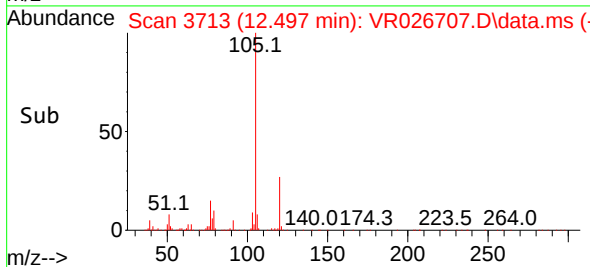
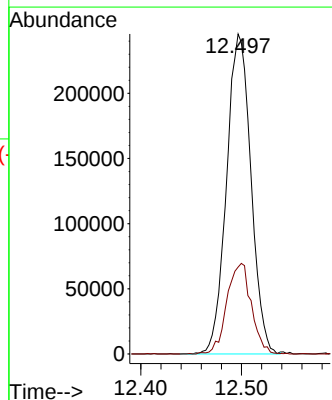
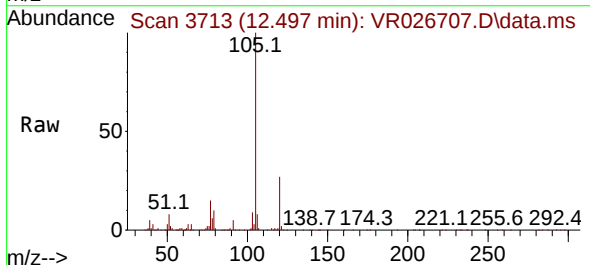
Instrument :
MSVOA_R
ClientSampleId :

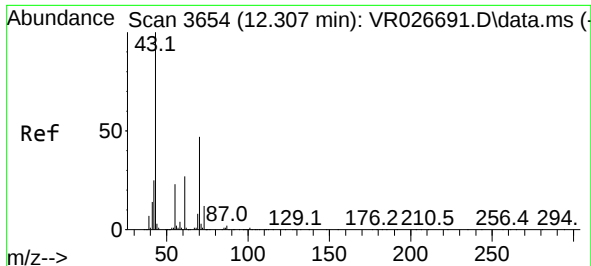
Tgt Ion:152 Resp: 315726
Ion Ratio Lower Upper
152 100
115 54.2 27.8 83.4
150 159.9 0.0 350.4



#72
Isopropylbenzene
Concen: 18.362 ug/l
RT: 12.497 min Scan# 3713
Delta R.T. -0.009 min
Lab File: VR026707.D
Acq: 5 Aug 2025 11:48

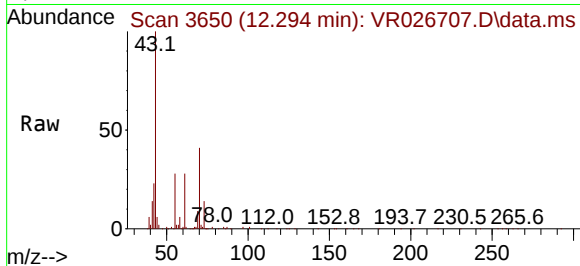
Tgt Ion:105 Resp: 413196
Ion Ratio Lower Upper
105 100
120 28.3 14.2 42.8





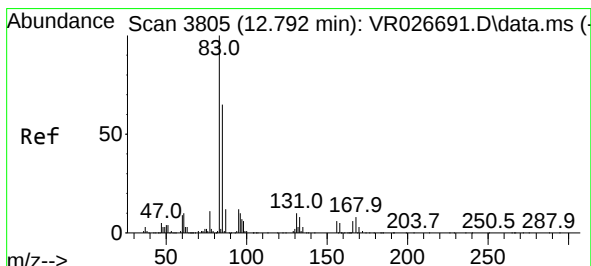
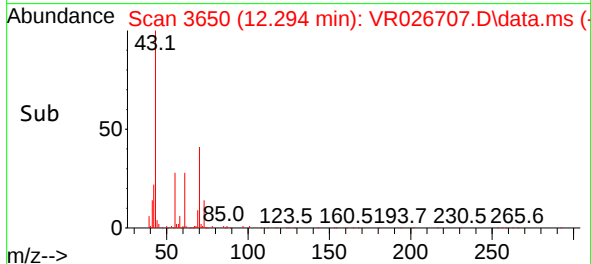
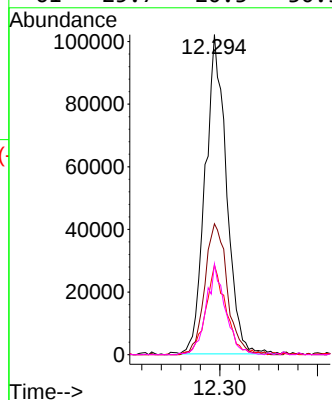
#73
N-ethyl acetate
Concen: 17.227 ug/l
RT: 12.294 min Scan# 30
Delta R.T. -0.013 min
Lab File: VR026707.D
Acq: 5 Aug 2025 11:48

Instrument :
MSVOA_R
ClientSampleId :



Tgt Ion: 43 Resp: 153711

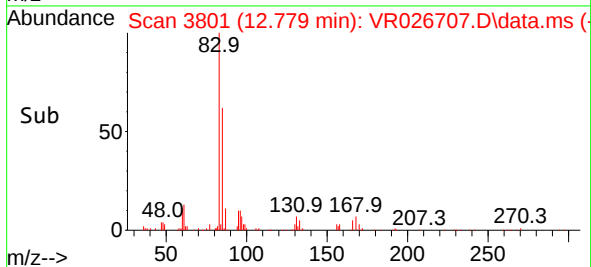
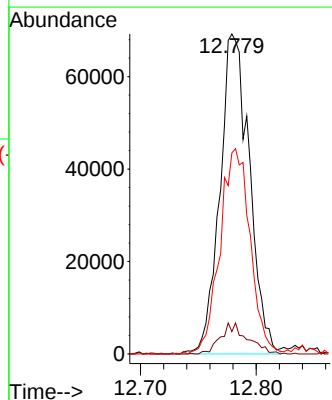
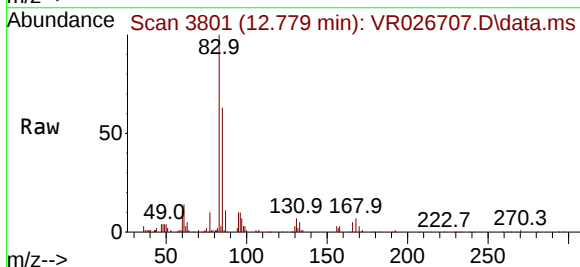
Ion	Ratio	Lower	Upper
43	100		
70	43.1	36.4	54.6
55	27.0	18.7	28.1
61	25.7	20.3	30.5

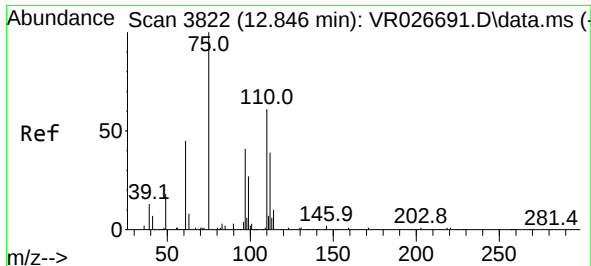


#74
1,1,2,2-Tetrachloroethane
Concen: 18.602 ug/l
RT: 12.779 min Scan# 3801
Delta R.T. -0.013 min
Lab File: VR026707.D
Acq: 5 Aug 2025 11:48

Tgt Ion: 83 Resp: 122822

Ion	Ratio	Lower	Upper
83	100		
131	8.8	4.2	12.4
85	65.4	32.3	96.8

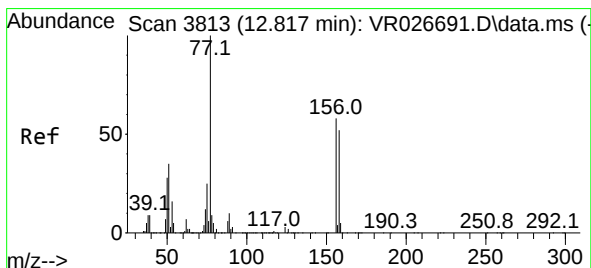
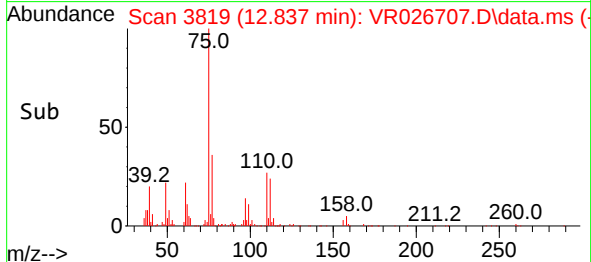
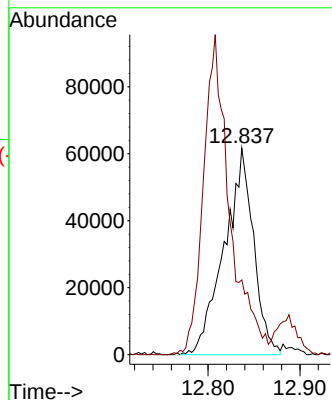
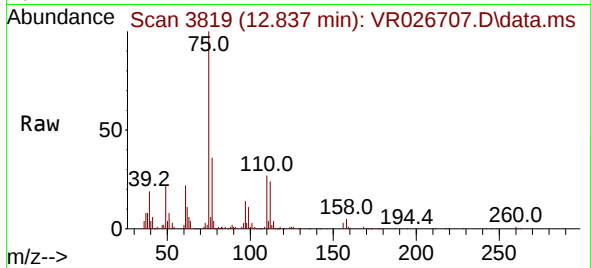




#75
1,2,3-Trichloropropane
Concen: 26.064 ug/l
RT: 12.837 min Scan# 3819
Delta R.T. -0.010 min
Lab File: VR026707.D
Acq: 5 Aug 2025 11:48

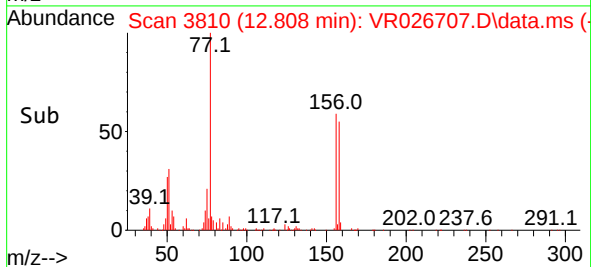
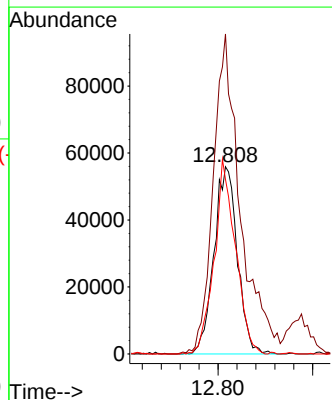
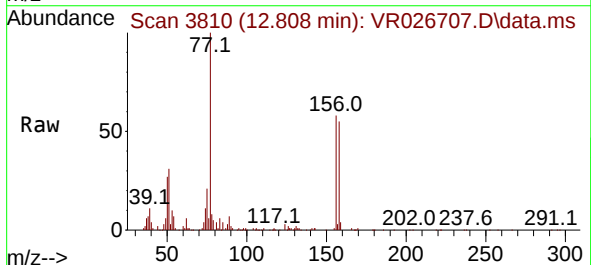
Instrument :
MSVOA_R
ClientSampleId :

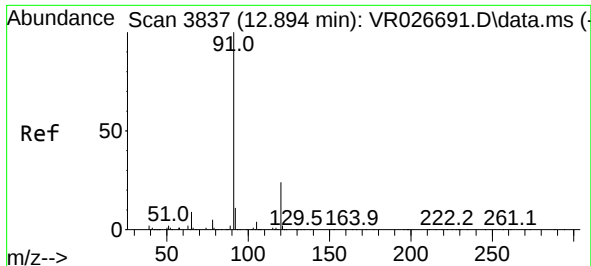
Tgt Ion: 75 Resp: 136407
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#76
Bromobenzene
Concen: 18.424 ug/l
RT: 12.808 min Scan# 3810
Delta R.T. -0.009 min
Lab File: VR026707.D
Acq: 5 Aug 2025 11:48

Tgt Ion:156 Resp: 95946
Ion Ratio Lower Upper
156 100
77 197.4 105.5 316.4
158 94.5 46.4 139.1

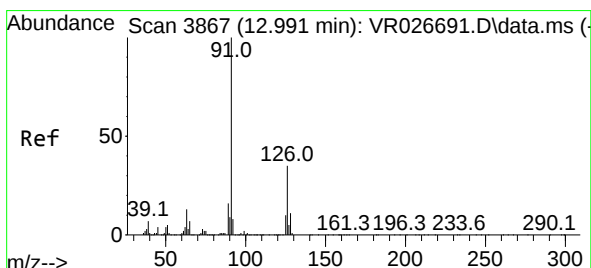
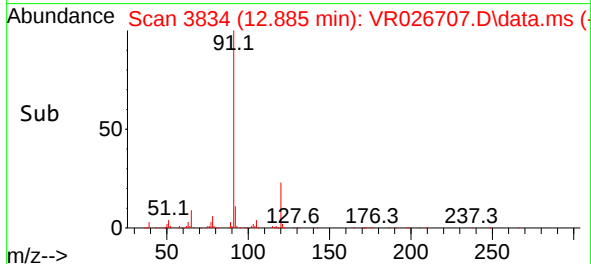
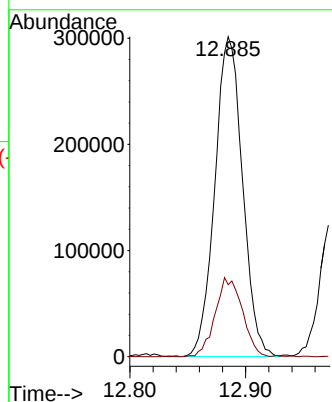
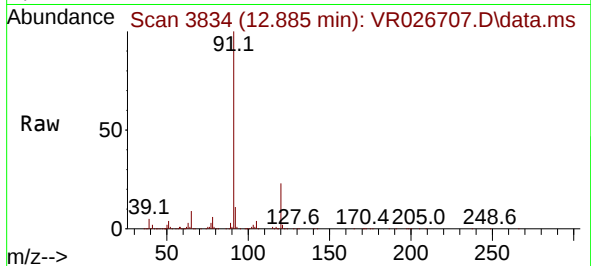




#77
n-propylbenzene
Concen: 18.613 ug/l
RT: 12.885 min Scan# 3834
Delta R.T. -0.009 min
Lab File: VR026707.D
Acq: 5 Aug 2025 11:48

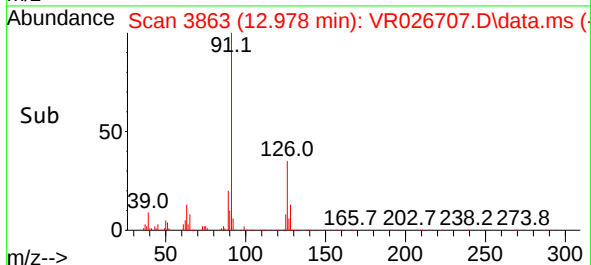
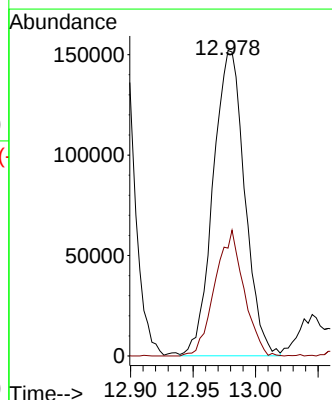
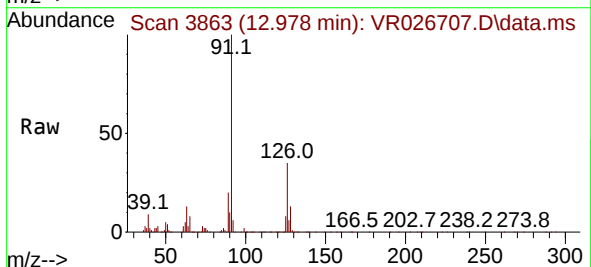
Instrument :
MSVOA_R
ClientSampleId :

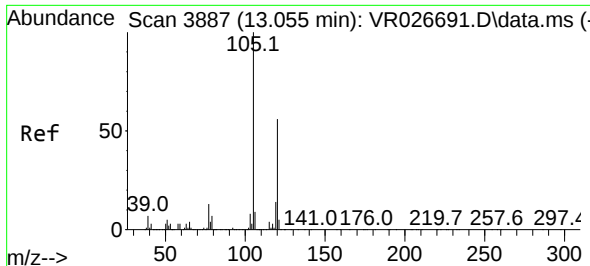
Tgt Ion: 91 Resp: 499731
Ion Ratio Lower Upper
91 100
120 24.3 11.9 35.9



#78
2-Chlorotoluene
Concen: 17.600 ug/l
RT: 12.978 min Scan# 3863
Delta R.T. -0.013 min
Lab File: VR026707.D
Acq: 5 Aug 2025 11:48

Tgt Ion: 91 Resp: 268095
Ion Ratio Lower Upper
91 100
126 37.6 17.5 52.6

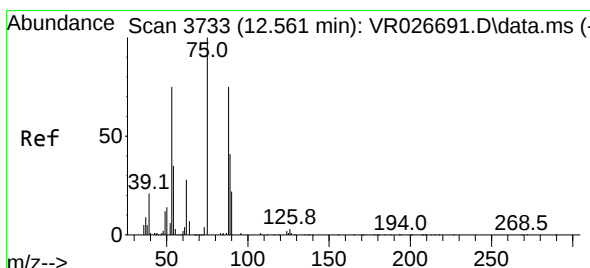
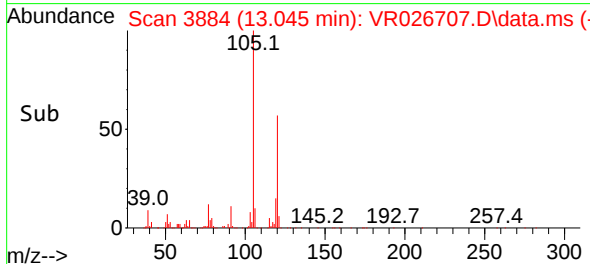
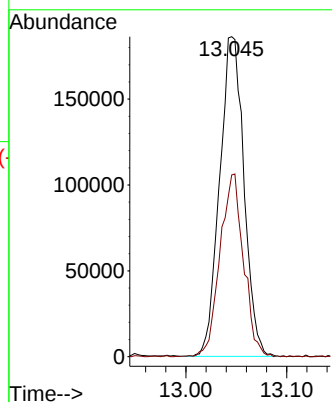
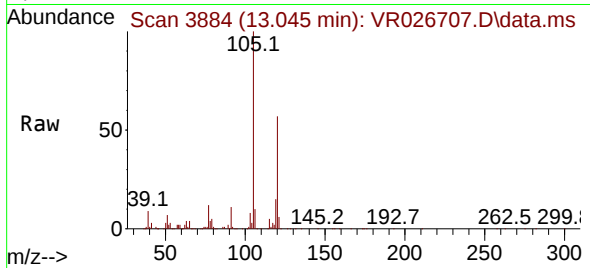




#79
1,3,5-Trimethylbenzene
Concen: 17.758 ug/l
RT: 13.045 min Scan# 31
Delta R.T. -0.009 min
Lab File: VR026707.D
Acq: 5 Aug 2025 11:48

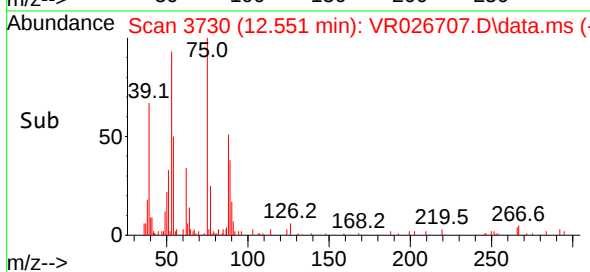
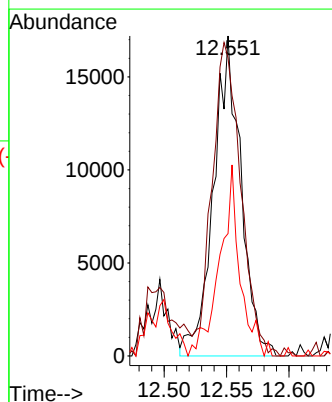
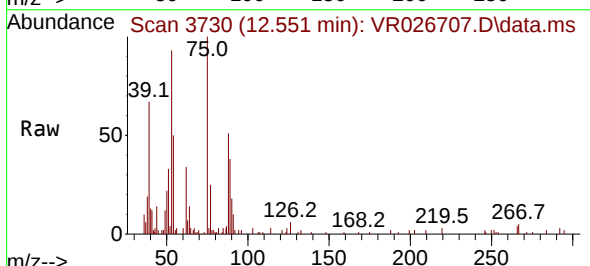
Instrument :
MSVOA_R
ClientSampleId :

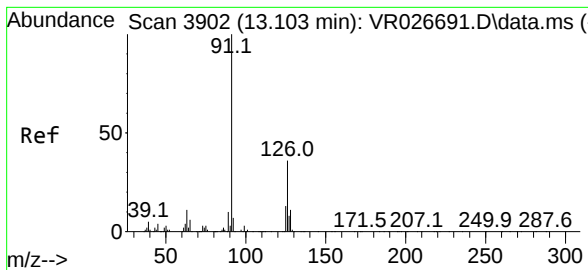
Tgt Ion:105 Resp: 312493
Ion Ratio Lower Upper
105 100
120 55.3 26.6 79.7



#80
trans-1,4-Dichloro-2-butene
Concen: 14.620 ug/l
RT: 12.551 min Scan# 3730
Delta R.T. -0.009 min
Lab File: VR026707.D
Acq: 5 Aug 2025 11:48

Tgt Ion: 75 Resp: 26271
Ion Ratio Lower Upper
75 100
53 102.7 67.8 101.6#
89 44.1 34.6 52.0

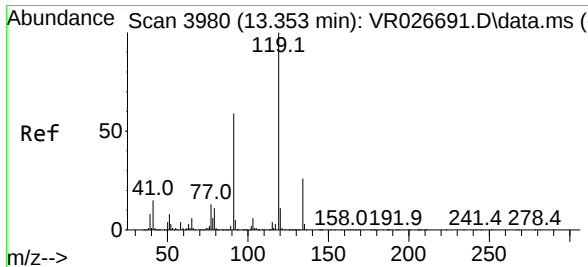
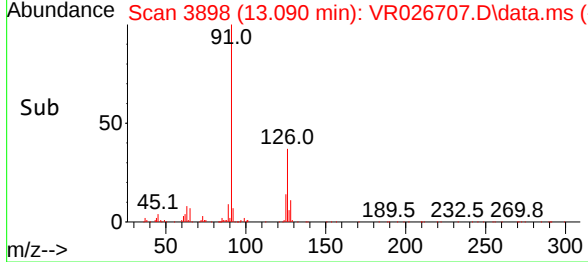
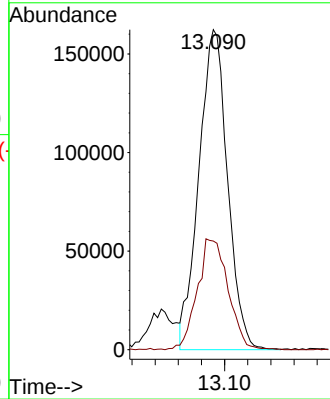
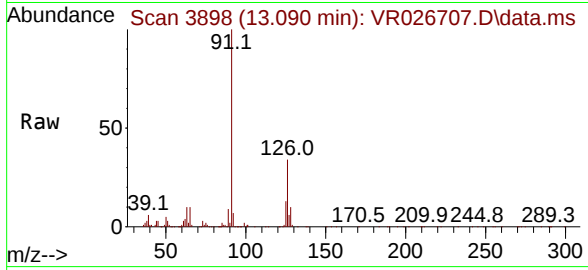




#81
4-Chlorotoluene
Concen: 17.925 ug/l
RT: 13.090 min Scan# 3902
Delta R.T. -0.013 min
Lab File: VR026707.D
Acq: 5 Aug 2025 11:48

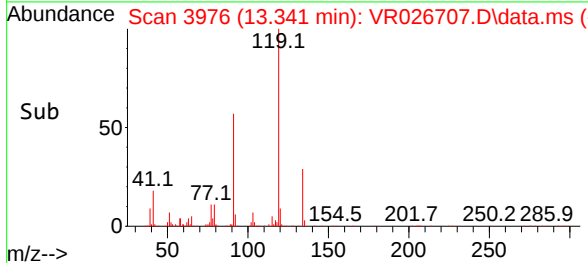
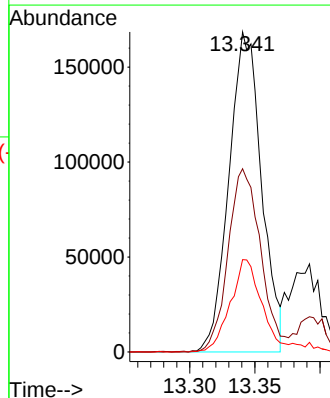
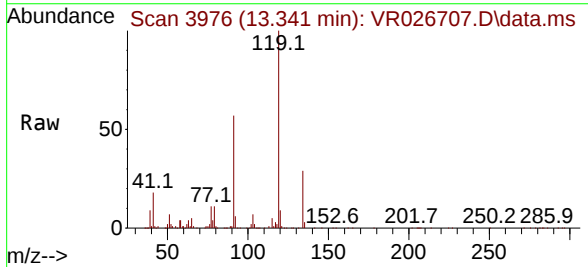
Instrument :
MSVOA_R
ClientSampleId :

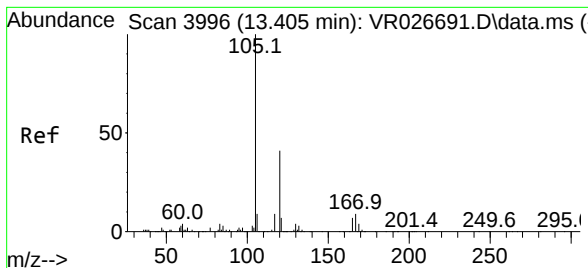
Tgt Ion: 91 Resp: 278933
Ion Ratio Lower Upper
91 100
126 37.3 17.8 53.3



#82
tert-Butylbenzene
Concen: 18.313 ug/l
RT: 13.341 min Scan# 3976
Delta R.T. -0.013 min
Lab File: VR026707.D
Acq: 5 Aug 2025 11:48

Tgt Ion: 119 Resp: 293112
Ion Ratio Lower Upper
119 100
91 57.7 29.9 89.7
134 28.7 13.5 40.4





#83

1,2,4-Trimethylbenzene

Concen: 18.226 ug/l

RT: 13.392 min Scan# 3996

Delta R.T. -0.013 min

Lab File: VR026707.D

Acq: 5 Aug 2025 11:48

Instrument :

MSVOA_R

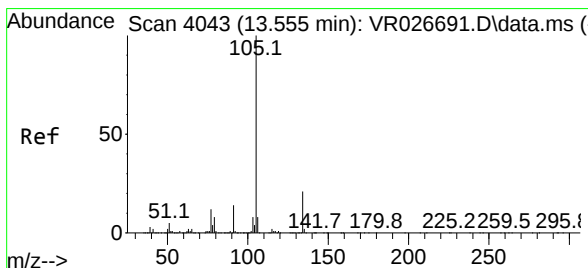
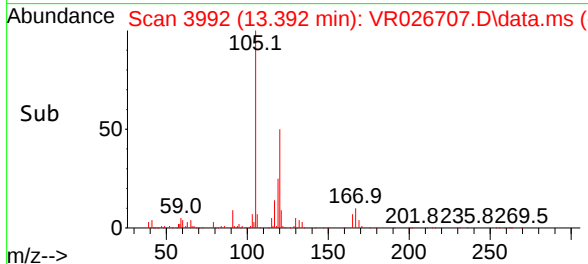
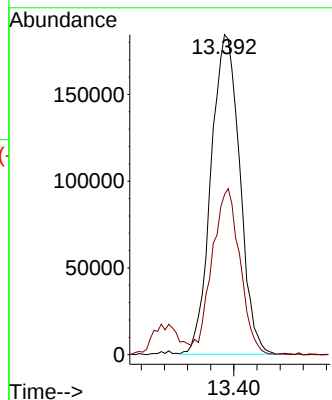
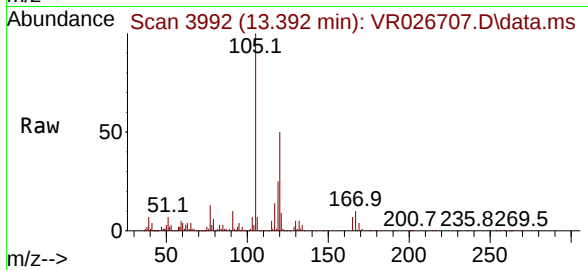
ClientSampleId :

Tgt Ion:105 Resp: 317480

Ion Ratio Lower Upper

105 100

120 50.3 25.0 75.0



#84

sec-Butylbenzene

Concen: 18.958 ug/l

RT: 13.543 min Scan# 4039

Delta R.T. -0.013 min

Lab File: VR026707.D

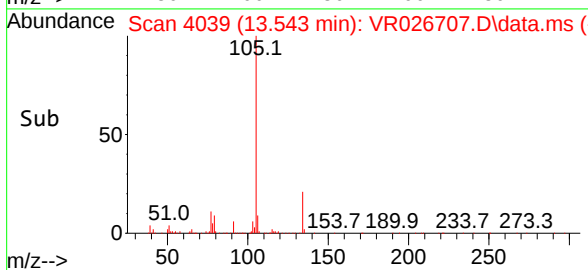
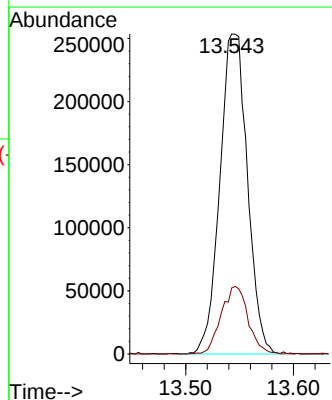
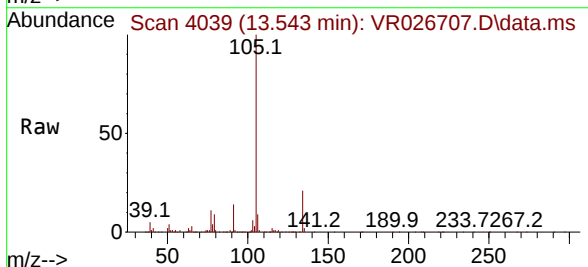
Acq: 5 Aug 2025 11:48

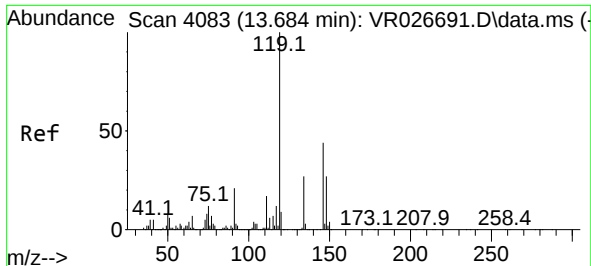
Tgt Ion:105 Resp: 450016

Ion Ratio Lower Upper

105 100

134 20.6 10.4 31.1

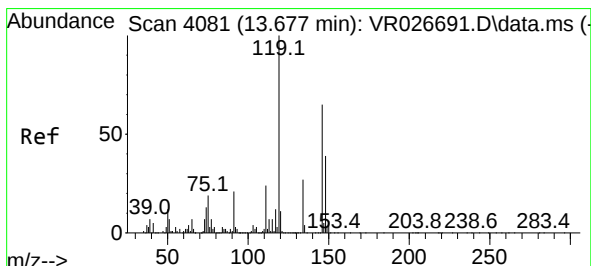
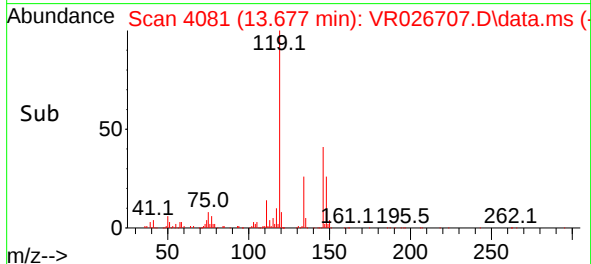
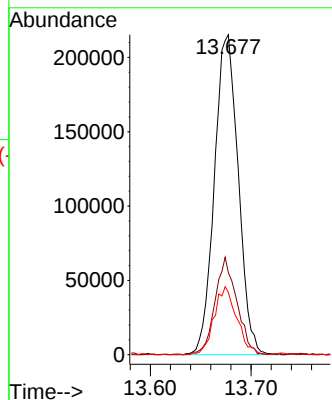
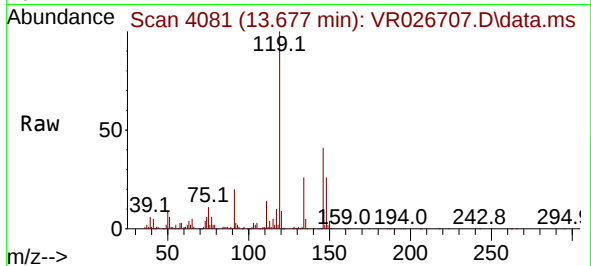




#85
p-Isopropyltoluene
Concen: 18.305 ug/l
RT: 13.677 min Scan# 4106
Delta R.T. -0.006 min
Lab File: VR026707.D
Acq: 5 Aug 2025 11:48

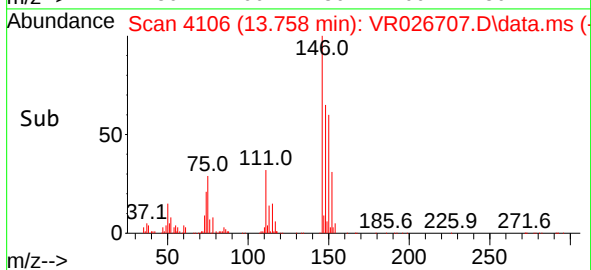
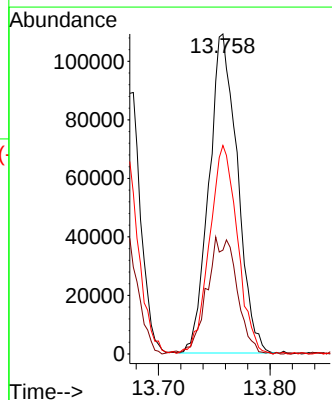
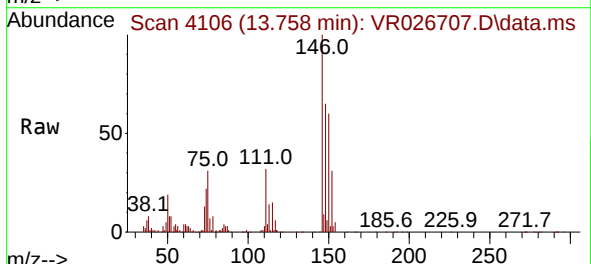
Instrument :
MSVOA_R
ClientSampleId :

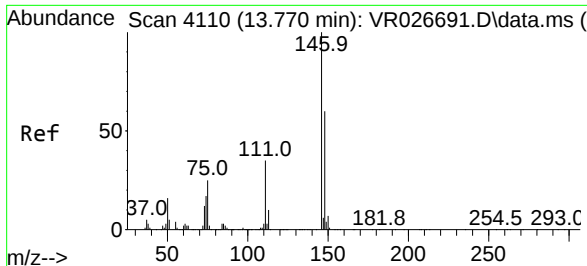
Tgt Ion:119 Resp: 354287
Ion Ratio Lower Upper
119 100
134 27.9 13.9 41.7
91 20.3 10.4 31.2



#86
1,3-Dichlorobenzene
Concen: 18.892 ug/l
RT: 13.758 min Scan# 4106
Delta R.T. 0.080 min
Lab File: VR026707.D
Acq: 5 Aug 2025 11:48

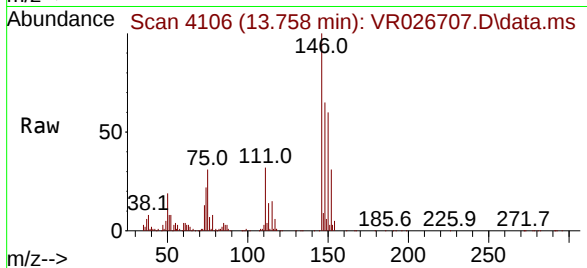
Tgt Ion:146 Resp: 192888
Ion Ratio Lower Upper
146 100
111 39.0 19.4 58.2
148 64.3 31.4 94.3



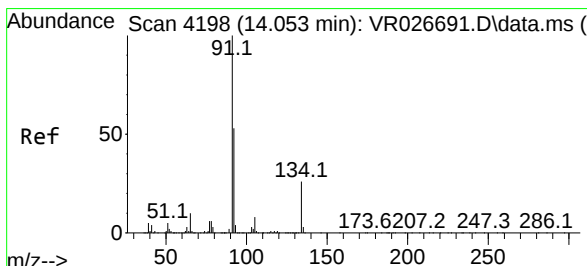
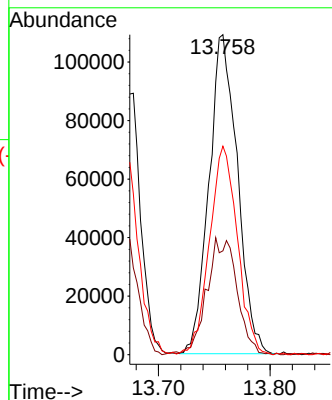
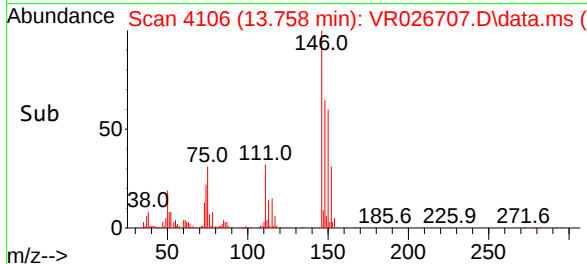


#87
1,4-Dichlorobenzene
Concen: 18.823 ug/l
RT: 13.758 min Scan# 4110
Delta R.T. -0.013 min
Lab File: VR026707.D
Acq: 5 Aug 2025 11:48

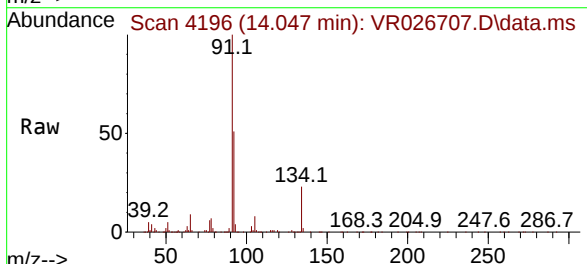
Instrument :
MSVOA_R
ClientSampleId :



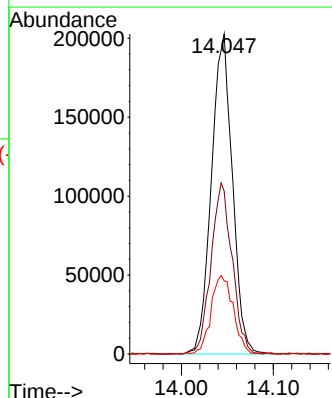
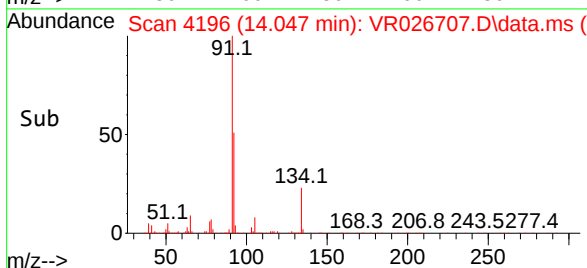
Tgt Ion:146 Resp: 192888
Ion Ratio Lower Upper
146 100
111 39.0 19.1 57.3
148 64.3 32.6 97.8

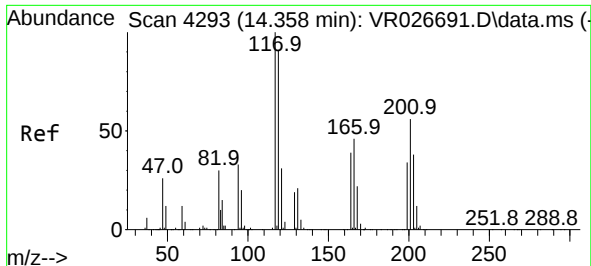


#88
n-Butylbenzene
Concen: 18.022 ug/l
RT: 14.047 min Scan# 4196
Delta R.T. -0.006 min
Lab File: VR026707.D
Acq: 5 Aug 2025 11:48



Tgt Ion: 91 Resp: 321482
Ion Ratio Lower Upper
91 100
92 53.7 27.1 81.2
134 26.0 13.1 39.3

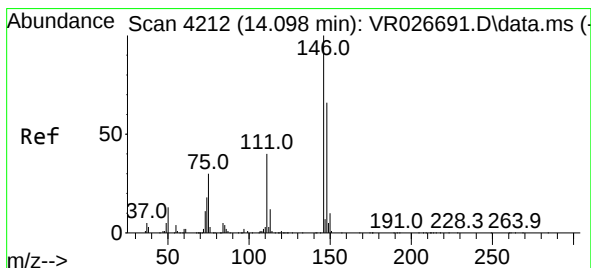
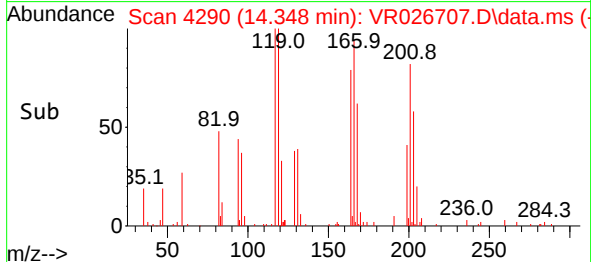
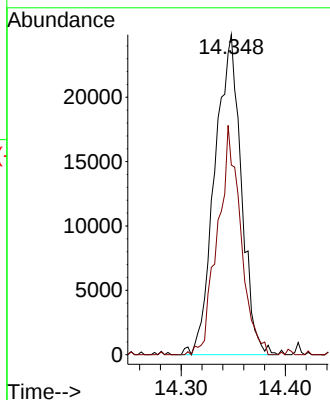
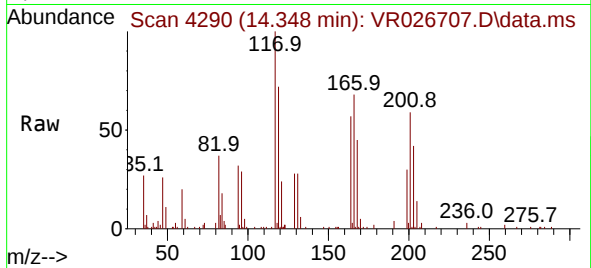




#89
Hexachloroethane
Concen: 15.774 ug/l
RT: 14.348 min Scan# 41
Delta R.T. -0.009 min
Lab File: VR026707.D
Acq: 5 Aug 2025 11:48

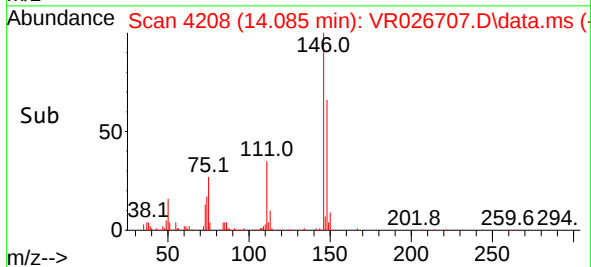
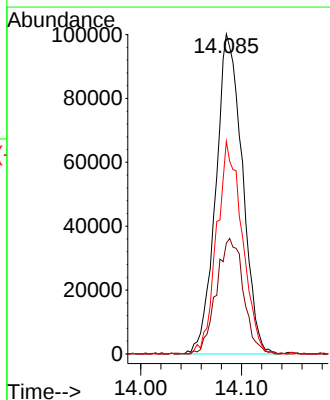
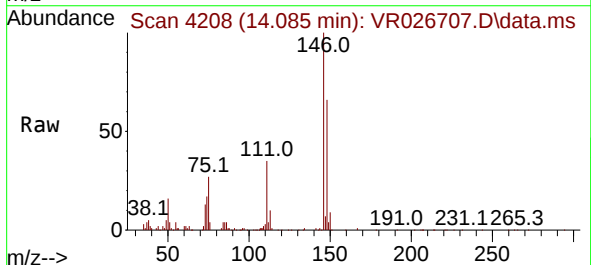
Instrument :
MSVOA_R
ClientSampleId :

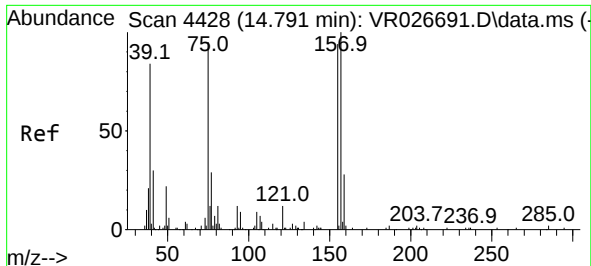
Tgt Ion:117 Resp: 43840
Ion Ratio Lower Upper
117 100
201 62.5 30.6 92.0



#90
1,2-Dichlorobenzene
Concen: 19.091 ug/l
RT: 14.085 min Scan# 4208
Delta R.T. -0.013 min
Lab File: VR026707.D
Acq: 5 Aug 2025 11:48

Tgt Ion:146 Resp: 183071
Ion Ratio Lower Upper
146 100
111 36.9 20.0 60.0
148 63.9 32.4 97.0

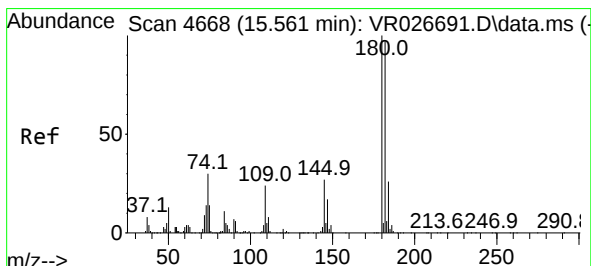
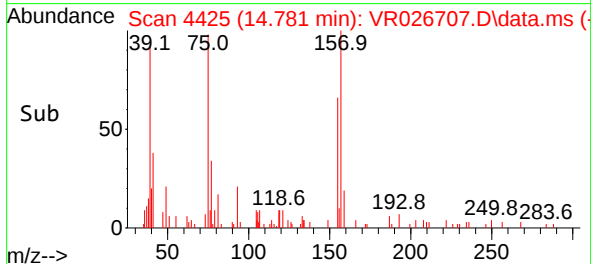
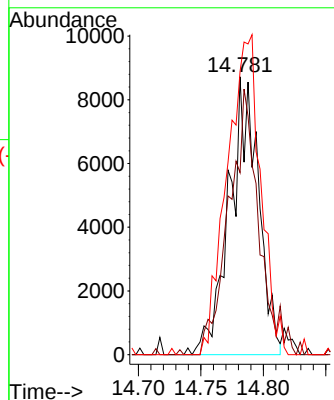
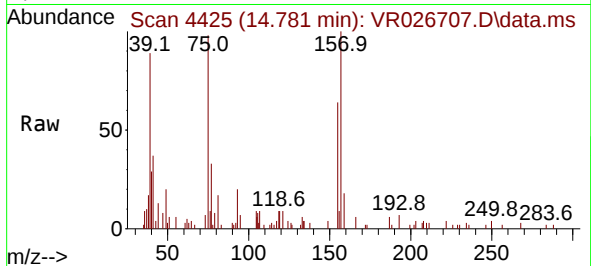




#91
 1,2-Dibromo-3-Chloropropane
 Concen: 16.165 ug/l
 RT: 14.781 min Scan# 4428
 Delta R.T. -0.009 min
 Lab File: VR026707.D
 Acq: 5 Aug 2025 11:48

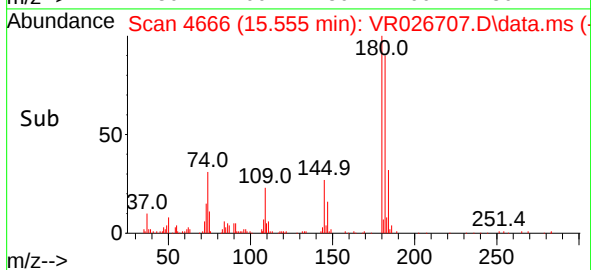
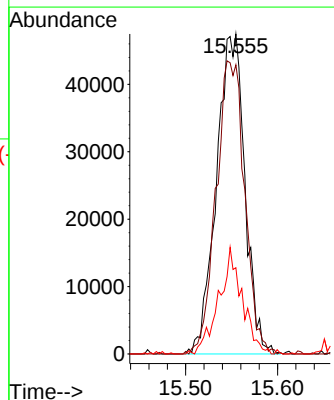
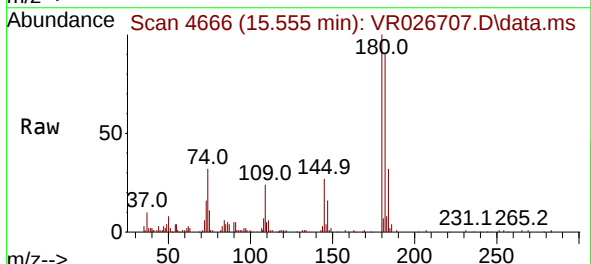
Instrument :
 MSVOA_R
 ClientSampleId :

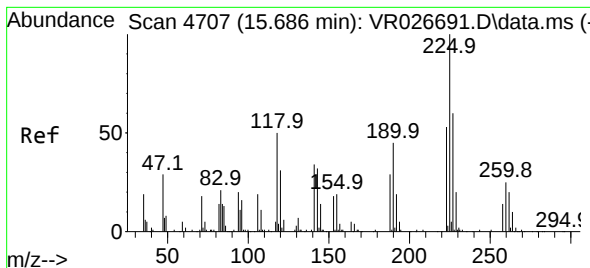
Tgt Ion: 75 Resp: 14212
 Ion Ratio Lower Upper
 75 100
 155 93.0 48.0 144.2
 157 132.1 59.5 178.4



#92
 1,2,4-Trichlorobenzene
 Concen: 17.769 ug/l
 RT: 15.555 min Scan# 4666
 Delta R.T. -0.006 min
 Lab File: VR026707.D
 Acq: 5 Aug 2025 11:48

Tgt Ion: 180 Resp: 101887
 Ion Ratio Lower Upper
 180 100
 182 92.3 47.0 141.0
 145 27.5 15.2 45.5





#93

Hexachlorobutadiene

Concen: 16.424 ug/l

RT: 15.680 min Scan# 41

Delta R.T. -0.006 min

Lab File: VR026707.D

Acq: 5 Aug 2025 11:48

Instrument :

MSVOA_R

ClientSampleId :

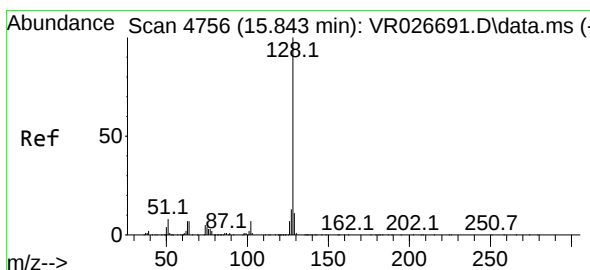
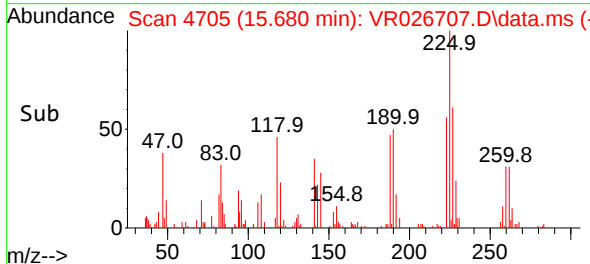
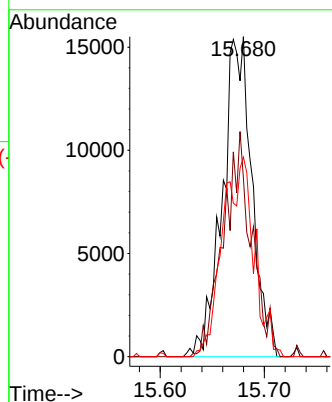
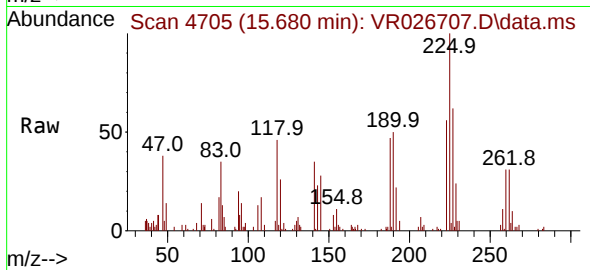
Tgt Ion:225 Resp: 30598

Ion Ratio Lower Upper

225 100

223 66.9 31.4 94.2

227 24.0 31.6 95.0#



#94

Naphthalene

Concen: 17.032 ug/l

RT: 15.827 min Scan# 4751

Delta R.T. -0.016 min

Lab File: VR026707.D

Acq: 5 Aug 2025 11:48

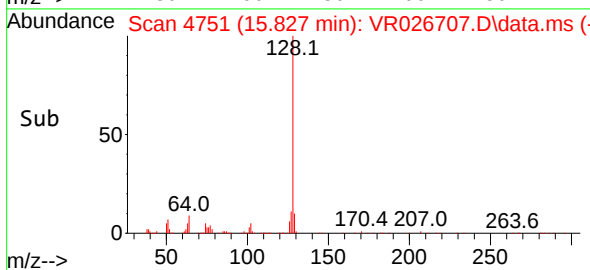
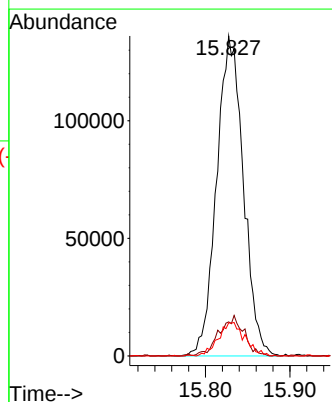
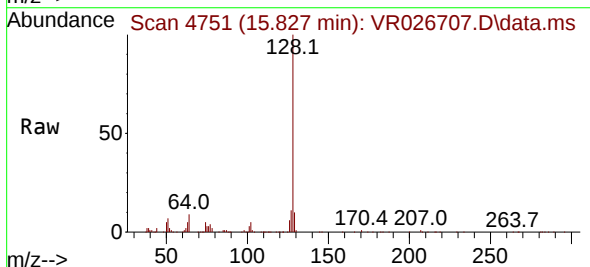
Tgt Ion:128 Resp: 299281

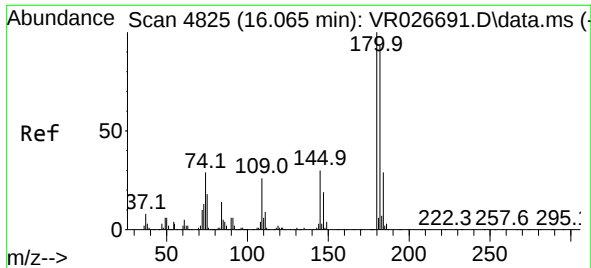
Ion Ratio Lower Upper

128 100

127 11.6 9.8 14.8

129 10.4 8.6 13.0





#95

1,2,3-Trichlorobenzene

Concen: 18.768 ug/l

RT: 16.062 min Scan# 4824

Delta R.T. -0.003 min

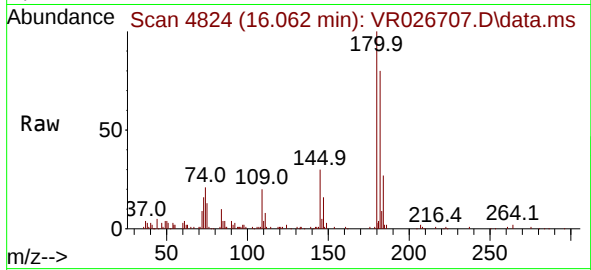
Lab File: VR026707.D

Acq: 5 Aug 2025 11:48

Instrument :

MSVOA_R

ClientSampleId :



Tgt Ion:180 Resp: 102168

Ion Ratio Lower Upper

180 100

182 90.9 47.2 141.6

145 31.6 15.5 46.5

