

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR120425\
 Data File : VR026790.D
 Acq On : 4 Dec 2025 10:06
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5mL/MSVOA_R/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDICC005

Quant Time: Dec 05 03:45:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_R\methods\82R120425S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 05 03:44:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.796	168	572650	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.771	114	1070101	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.921	117	1054522	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.124	152	621988	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.166	65	34307	4.924	ug/l	0.00
Spiked Amount 50.000			Recovery	=	9.840%	
35) Dibromofluoromethane	7.708	113	28402	4.684	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	9.360%	
50) Toluene-d8	10.428	98	132439	4.638	ug/l	0.00
Spiked Amount 50.000			Recovery	=	9.280%	
62) 4-Bromofluorobenzene	13.049	95	54468	4.962	ug/l	0.00
Spiked Amount 50.000			Recovery	=	9.920%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	31748	4.914	ug/l #	66
3) Chloromethane	2.208	50	48905	5.482	ug/l	93
4) Vinyl Chloride	2.338	62	50473	5.153	ug/l	90
5) Bromomethane	2.708	94	41134	4.941	ug/l	97
6) Chloroethane	2.843	64	34419	5.079	ug/l	93
7) Trichlorofluoromethane	3.172	101	87660	5.615	ug/l	87
8) Diethyl Ether	3.583	74	14129	3.867	ug/l	53
9) 1,1,2-Trichlorotrifluo...	3.918	101	37980	5.185	ug/l	98
10) Methyl Iodide	4.100	142	29376	7.949	ug/l #	88
11) Tert butyl alcohol	4.923	59	123001	52.738	ug/l #	91
12) 1,1-Dichloroethene	3.883	96	35097	4.905	ug/l #	92
13) Acrolein	3.765	56	7263m	42.432	ug/l	
14) Allyl chloride	4.476	41	64141	4.909	ug/l	90
15) Acrylonitrile	5.140	53	46594	22.229	ug/l	95
16) Acetone	3.983	43	87350	28.789	ug/l	94
17) Carbon Disulfide	4.212	76	117866	5.395	ug/l #	93
18) Methyl Acetate	4.494	43	26411	6.058	ug/l #	59
19) Methyl tert-butyl Ether	5.211	73	82104	4.466	ug/l	94
20) Methylene Chloride	4.700	84	51047	5.869	ug/l #	86
21) trans-1,2-Dichloroethene	5.199	96	41567	5.334	ug/l	93
22) Diisopropyl ether	6.110	45	132583	4.992	ug/l #	82
23) Vinyl Acetate	6.027	43	285364	21.975	ug/l #	93
24) 1,1-Dichloroethane	5.986	63	79228	5.310	ug/l	97
25) 2-Butanone	6.962	43	94514	25.288	ug/l	100
26) 2,2-Dichloropropane	6.944	77	70649	5.476	ug/l	86
27) cis-1,2-Dichloroethene	6.962	96	46715	5.134	ug/l	63
28) Bromochloromethane	7.320	49	29162	4.648	ug/l	98
29) Tetrahydrofuran	7.361	42	41826m	24.622	ug/l	
30) Chloroform	7.496	83	71209	5.194	ug/l #	79
31) Cyclohexane	7.808	56	84433	5.266	ug/l #	85
32) 1,1,1-Trichloroethane	7.708	97	58699	4.924	ug/l	98
36) 1,1-Dichloropropene	7.943	75	53831	4.807	ug/l	95
37) Ethyl Acetate	7.062	43	27567m	4.930	ug/l	
38) Carbon Tetrachloride	7.919	117	49782	5.003	ug/l #	90
39) Methylcyclohexane	9.324	83	89703	5.369	ug/l	91
40) Benzene	8.195	78	175417	5.115	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.291	41	17680	5.041	ug/l #	73
42) 1,2-Dichloroethane	8.272	62	42919	5.056	ug/l	91
43) Isopropyl Acetate	8.331	43	54236	4.610	ug/l #	86
44) Trichloroethene	9.042	130	39328	4.824	ug/l	84
45) 1,2-Dichloropropane	9.353	63	41359	5.013	ug/l	93
46) Dibromomethane	9.447	93	20440	4.837	ug/l	96
47) Bromodichloromethane	9.659	83	50371	4.779	ug/l	88
48) Methyl methacrylate	9.435	41	28395	4.905	ug/l	97
49) 1,4-Dioxane	9.453	88	7233	84.898	ug/l #	84
51) 4-Methyl-2-Pentanone	10.305	43	140379	22.464	ug/l	94
52) Toluene	10.505	92	116831	5.085	ug/l	92
53) t-1,3-Dichloropropene	10.746	75	48139	4.441	ug/l #	88
54) cis-1,3-Dichloropropene	10.146	75	65906	5.086	ug/l	96
55) 1,1,2-Trichloroethane	10.951	97	30475	5.014	ug/l #	87
56) Ethyl methacrylate	10.804	69	40461	4.498	ug/l	93
57) 1,3-Dichloropropane	11.116	76	56660	5.138	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.982	63	9759m	18.011	ug/l	
59) 2-Hexanone	11.163	43	130084	23.470	ug/l	99
60) Dibromochloromethane	11.345	129	27068	4.119	ug/l	79
61) 1,2-Dibromoethane	11.456	107	27489	4.803	ug/l	90
64) Tetrachloroethene	11.039	164	40325	5.523	ug/l	94
65) Chlorobenzene	11.950	112	126820	4.915	ug/l #	79
66) 1,1,1,2-Tetrachloroethane	12.032	131	35728	5.071	ug/l	92
67) Ethyl Benzene	12.032	91	229250	4.940	ug/l	99
68) m/p-Xylenes	12.156	106	184694	10.171	ug/l	97
69) o-Xylene	12.532	106	84505	4.839	ug/l	94
70) Styrene	12.543	104	137430	4.593	ug/l	95
71) Bromoform	12.737	173	16389	4.504	ug/l #	98
73) Isopropylbenzene	12.878	105	217181	5.052	ug/l	98
74) N-amyl acetate	12.655	43	49681	4.222	ug/l	98
75) 1,1,2,2-Tetrachloroethane	13.154	83	30373	4.182	ug/l #	82
76) 1,2,3-Trichloropropane	13.213	75	37367m	5.845	ug/l	
77) Bromobenzene	13.201	156	44625	4.854	ug/l	85
78) n-propylbenzene	13.260	91	280006	5.058	ug/l	99
79) 2-Chlorotoluene	13.366	91	137600	4.594	ug/l	94
80) 1,3,5-Trimethylbenzene	13.425	105	185970	4.953	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.943	75	10763	4.297	ug/l #	89
82) 4-Chlorotoluene	13.478	91	159275	4.894	ug/l	91
83) tert-Butylbenzene	13.730	119	163201	4.823	ug/l	98
84) 1,2,4-Trimethylbenzene	13.771	105	194431	4.824	ug/l	96
85) sec-Butylbenzene	13.924	105	268685	5.036	ug/l	98
86) p-Isopropyltoluene	14.053	119	229824	4.891	ug/l	99
87) 1,3-Dichlorobenzene	14.059	146	110358	4.961	ug/l	99
88) 1,4-Dichlorobenzene	14.147	146	118631	5.052	ug/l	98
89) n-Butylbenzene	14.424	91	225670	4.660	ug/l	99
90) Hexachloroethane	14.741	117	35225	4.798	ug/l	88
91) 1,2-Dichlorobenzene	14.482	146	103151	5.051	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	15.187	75	6011	4.483	ug/l	95
93) 1,2,4-Trichlorobenzene	16.004	180	55714	4.249	ug/l	98
94) Hexachlorobutadiene	16.133	225	27528	4.548	ug/l	89
95) Naphthalene	16.310	128	94442	6.987	ug/l #	84
96) 1,2,3-Trichlorobenzene	16.545	180	44339	3.978	ug/l	94

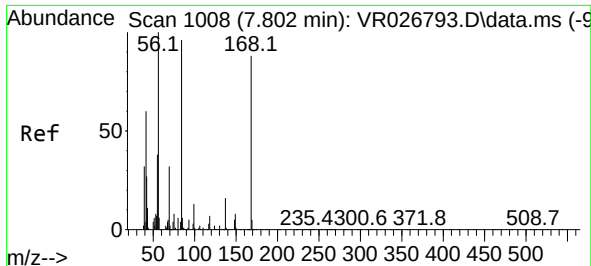
Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR120425\
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Operator : SY/MD
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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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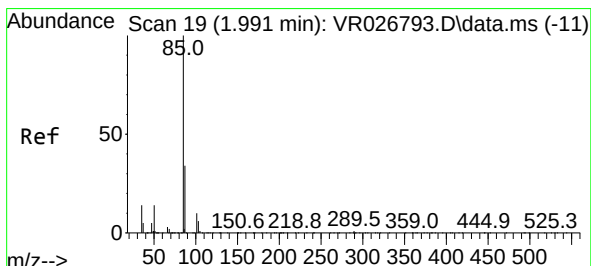
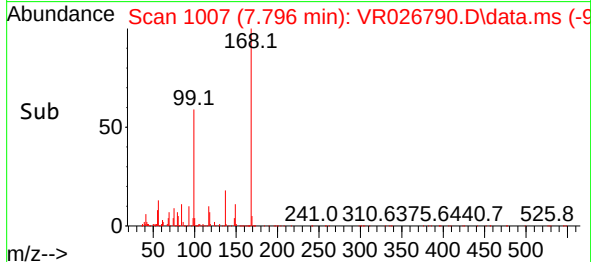
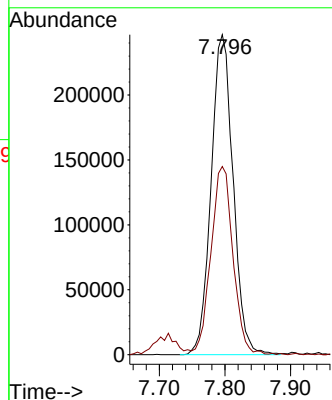
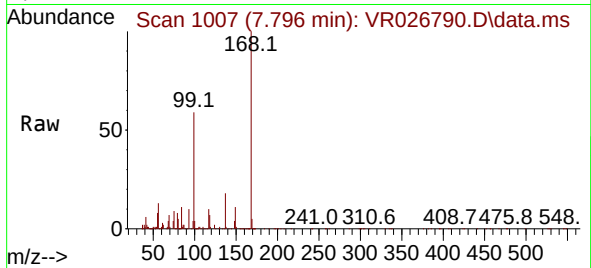
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.796 min Scan# 10
Delta R.T. -0.006 min
Lab File: VR026790.D
Acq: 4 Dec 2025 10:06

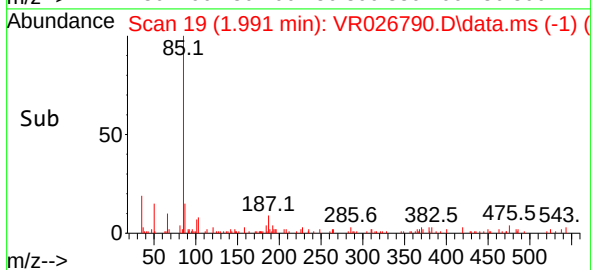
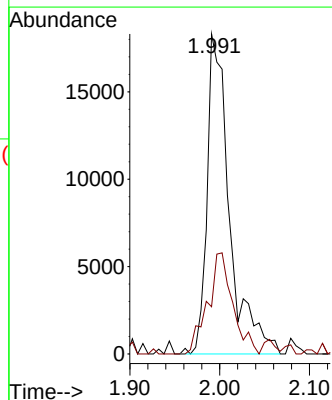
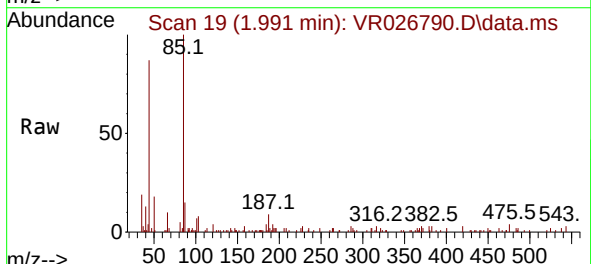
Instrument :
MSVOA_R
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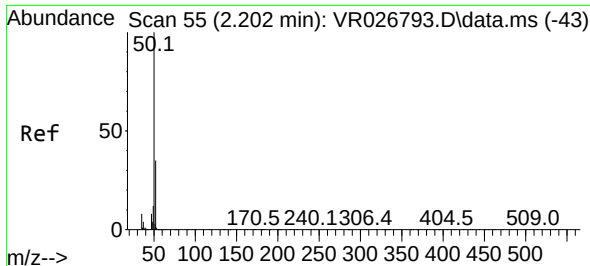
Tgt Ion:168 Resp: 572650
Ion Ratio Lower Upper
168 100
99 58.4 45.3 67.9



#2
Dichlorodifluoromethane
Concen: 4.914 ug/l
RT: 1.991 min Scan# 19
Delta R.T. -0.000 min
Lab File: VR026790.D
Acq: 4 Dec 2025 10:06

Tgt Ion: 85 Resp: 31748
Ion Ratio Lower Upper
85 100
87 14.8 17.1 51.2#

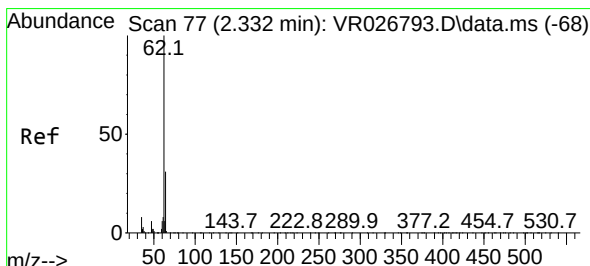
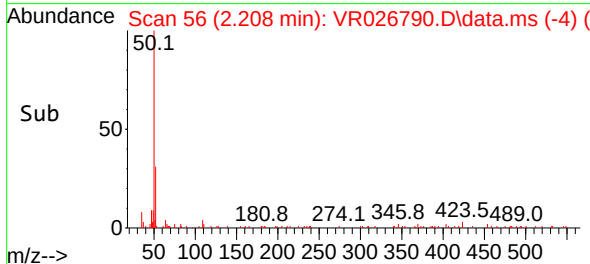
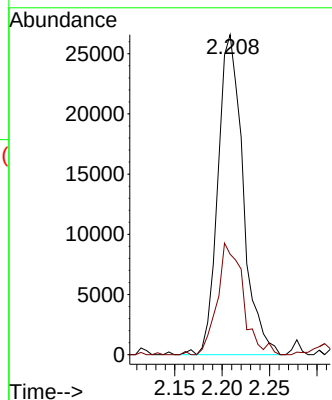
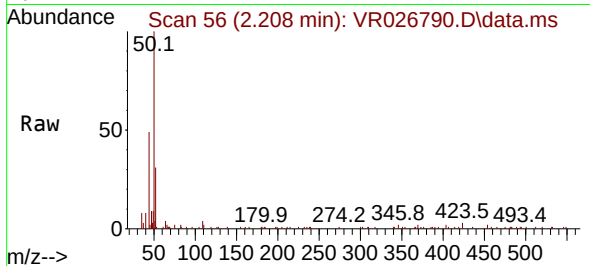




#3
Chloromethane
Concen: 5.482 ug/l
RT: 2.208 min Scan# 50
Delta R.T. 0.006 min
Lab File: VR026790.D
Acq: 4 Dec 2025 10:06

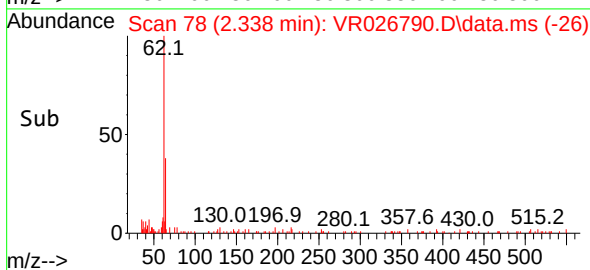
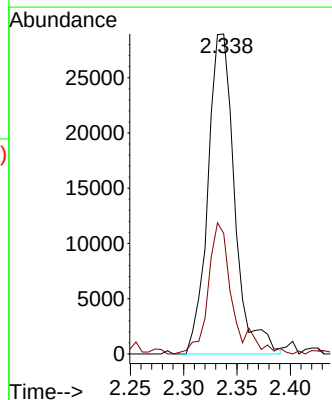
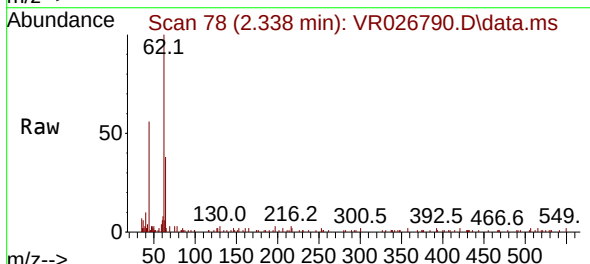
Instrument :
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ClientSampleId :
VSTDIC005

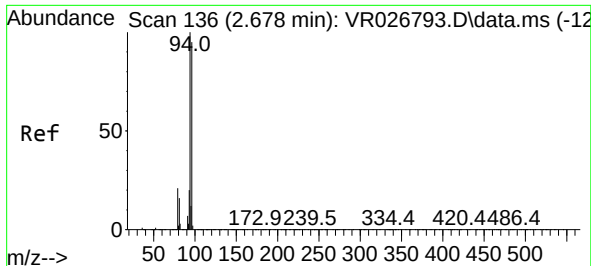
Tgt Ion: 50 Resp: 48905
Ion Ratio Lower Upper
50 100
52 31.4 28.2 42.4



#4
Vinyl Chloride
Concen: 5.153 ug/l
RT: 2.338 min Scan# 78
Delta R.T. 0.006 min
Lab File: VR026790.D
Acq: 4 Dec 2025 10:06

Tgt Ion: 62 Resp: 50473
Ion Ratio Lower Upper
62 100
64 37.1 25.2 37.8

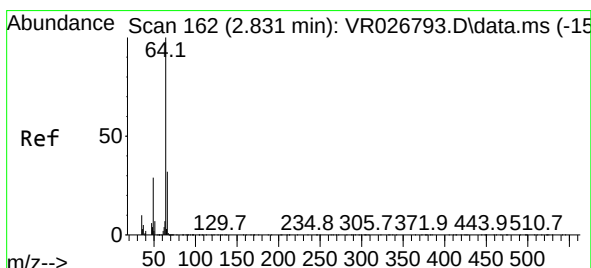
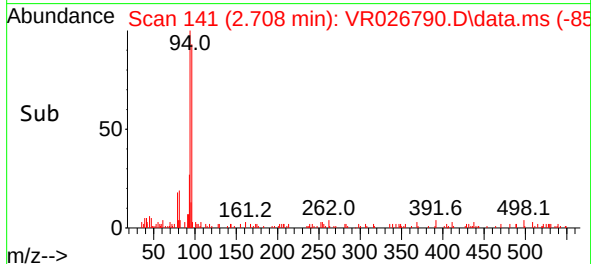
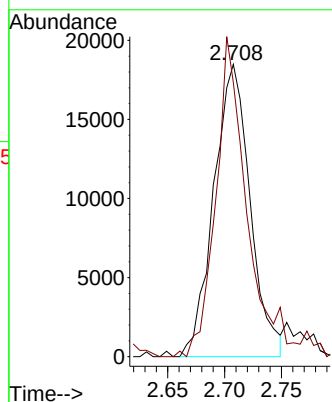
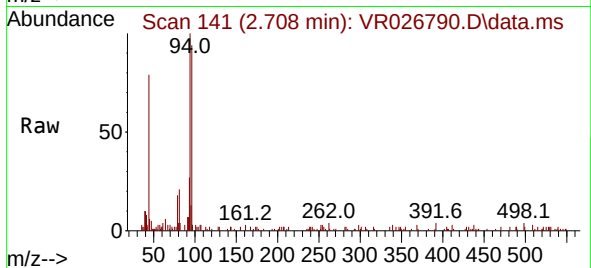




#5
Bromomethane
Concen: 4.941 ug/l
RT: 2.708 min Scan# 141
Delta R.T. 0.030 min
Lab File: VR026790.D
Acq: 4 Dec 2025 10:06

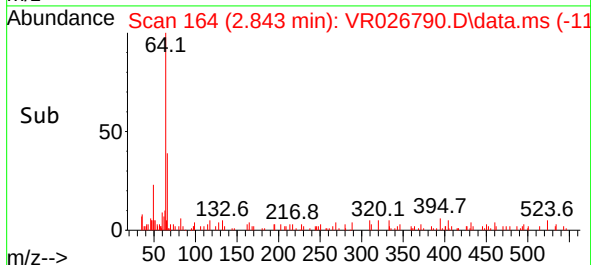
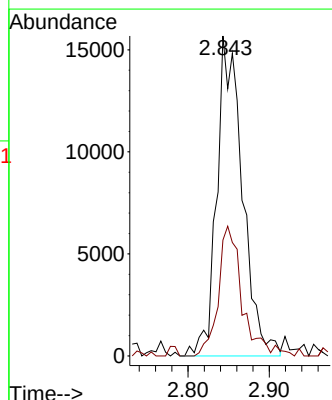
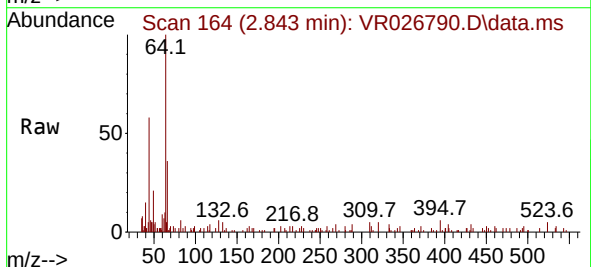
Instrument :
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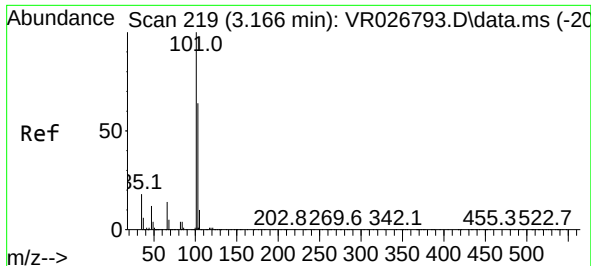
Tgt Ion: 94 Resp: 41134
Ion Ratio Lower Upper
94 100
96 91.9 76.2 114.2



#6
Chloroethane
Concen: 5.079 ug/l
RT: 2.843 min Scan# 164
Delta R.T. 0.012 min
Lab File: VR026790.D
Acq: 4 Dec 2025 10:06

Tgt Ion: 64 Resp: 34419
Ion Ratio Lower Upper
64 100
66 36.2 25.8 38.6

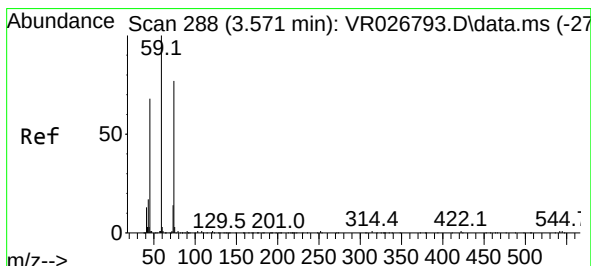
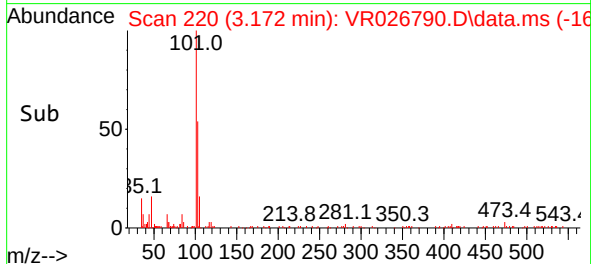
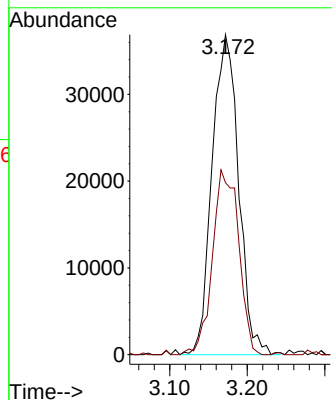
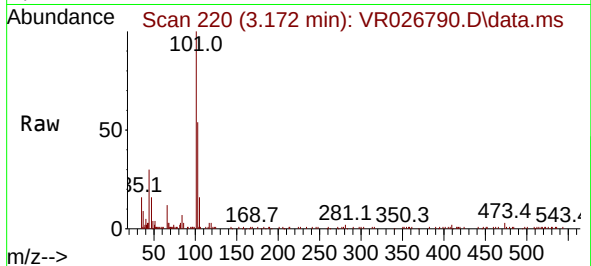




#7
 Trichlorofluoromethane
 Concen: 5.615 ug/l
 RT: 3.172 min Scan# 219
 Delta R.T. 0.006 min
 Lab File: VR026790.D
 Acq: 4 Dec 2025 10:06

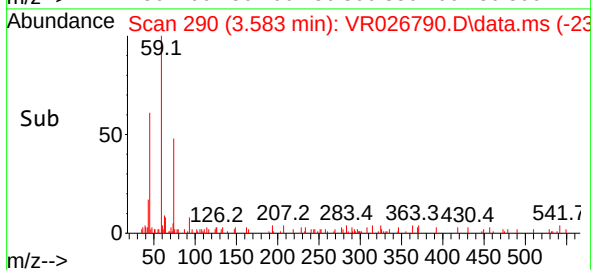
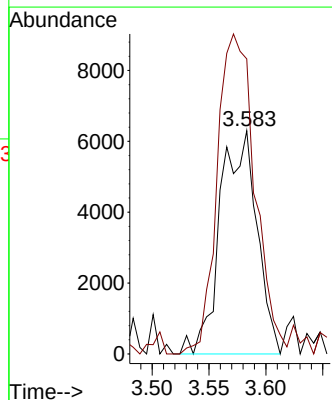
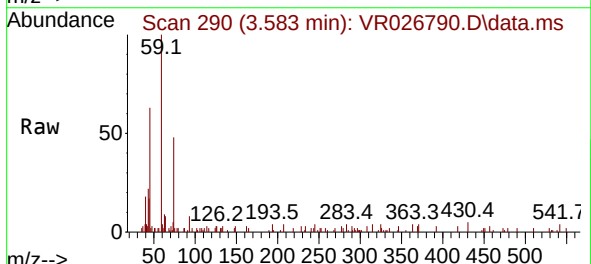
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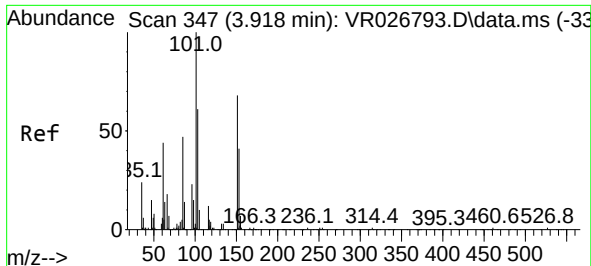
Tgt Ion:101 Resp: 87660
 Ion Ratio Lower Upper
 101 100
 103 53.8 51.4 77.2



#8
 Diethyl Ether
 Concen: 3.867 ug/l
 RT: 3.583 min Scan# 290
 Delta R.T. 0.012 min
 Lab File: VR026790.D
 Acq: 4 Dec 2025 10:06

Tgt Ion: 74 Resp: 14129
 Ion Ratio Lower Upper
 74 100
 45 147.0 49.9 149.7

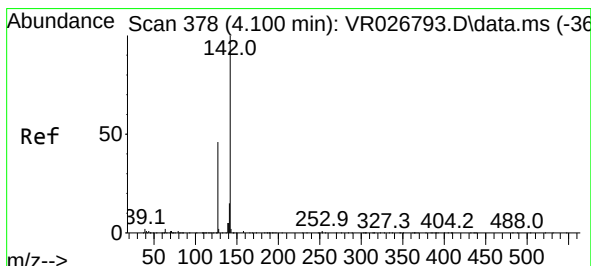
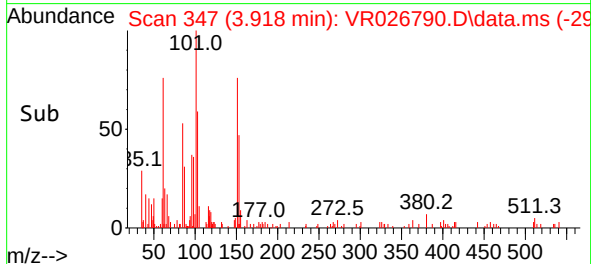
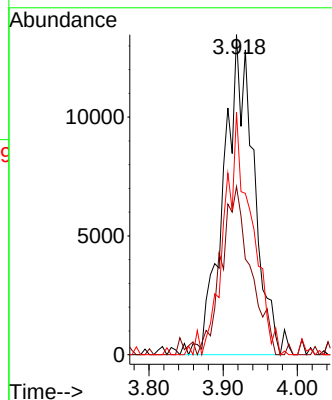
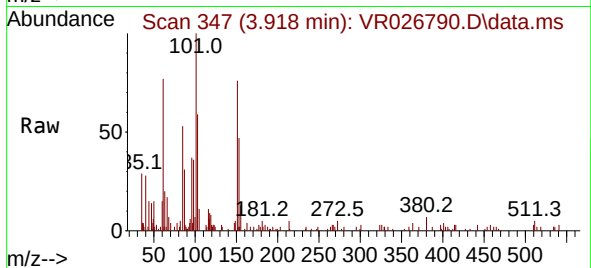




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.185 ug/l
RT: 3.918 min Scan# 347
Delta R.T. 0.000 min
Lab File: VR026790.D
Acq: 4 Dec 2025 10:06

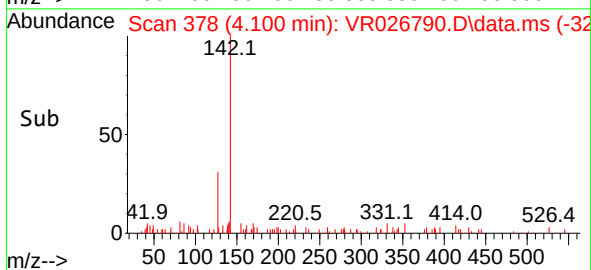
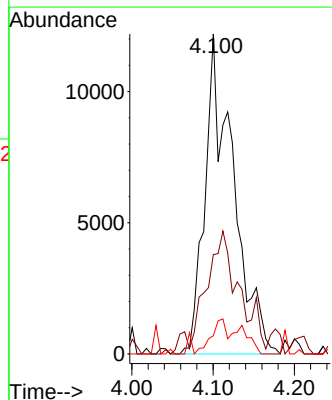
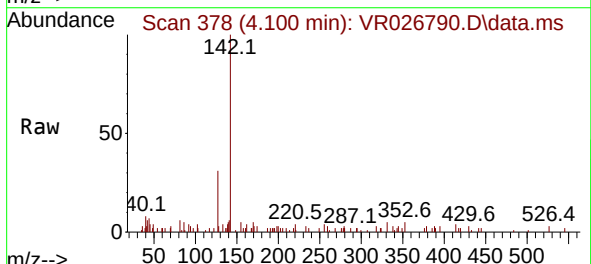
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VSTDIC005

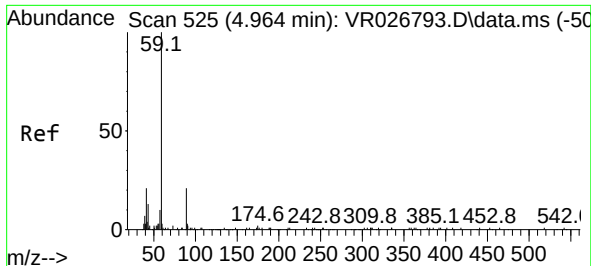
Tgt Ion:	101	Resp:	37980
Ion	Ratio	Lower	Upper
101	100		
85	50.8	39.3	58.9
151	68.3	55.8	83.8



#10
Methyl Iodide
Concen: 7.949 ug/l
RT: 4.100 min Scan# 378
Delta R.T. 0.000 min
Lab File: VR026790.D
Acq: 4 Dec 2025 10:06

Tgt Ion:	142	Resp:	29376
Ion	Ratio	Lower	Upper
142	100		
127	47.1	32.6	48.8
141	6.6	11.3	16.9

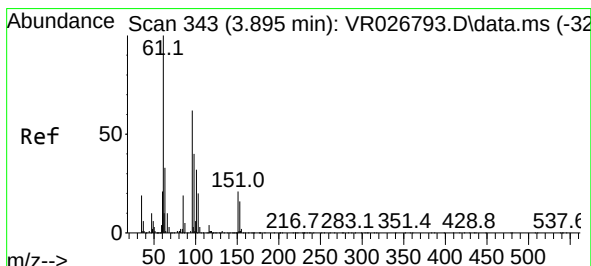
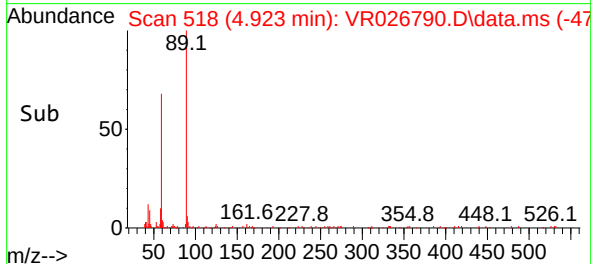
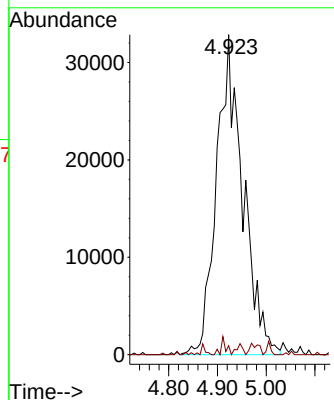
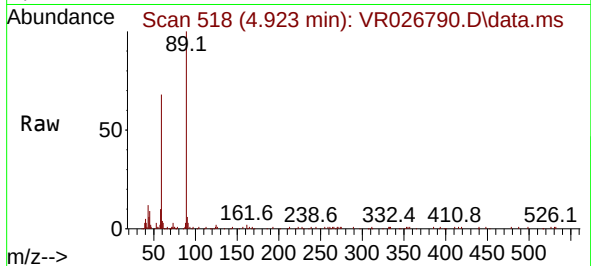




#11
Tert butyl alcohol
Concen: 52.738 ug/l
RT: 4.923 min Scan# 518
Delta R.T. -0.041 min
Lab File: VR026790.D
Acq: 4 Dec 2025 10:06

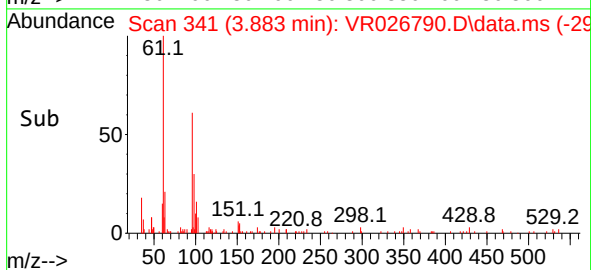
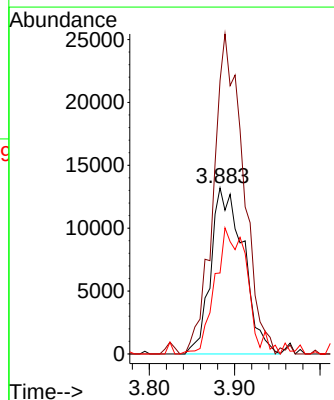
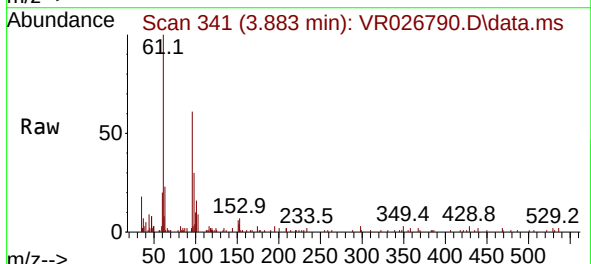
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC005

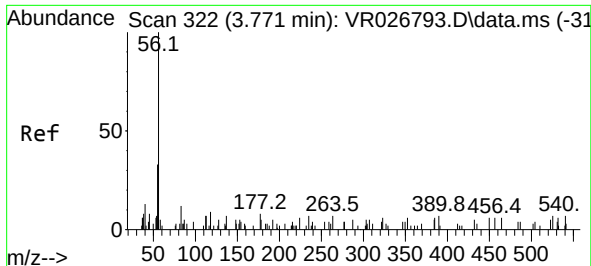
Tgt Ion: 59 Resp: 123001
Ion Ratio Lower Upper
59 100
57 1.0 3.1 4.7#



#12
1,1-Dichloroethene
Concen: 4.905 ug/l
RT: 3.883 min Scan# 341
Delta R.T. -0.012 min
Lab File: VR026790.D
Acq: 4 Dec 2025 10:06

Tgt Ion: 96 Resp: 35097
Ion Ratio Lower Upper
96 100
61 164.5 128.2 192.4
98 48.7 51.8 77.8#

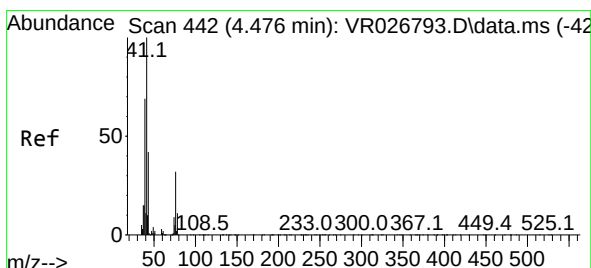
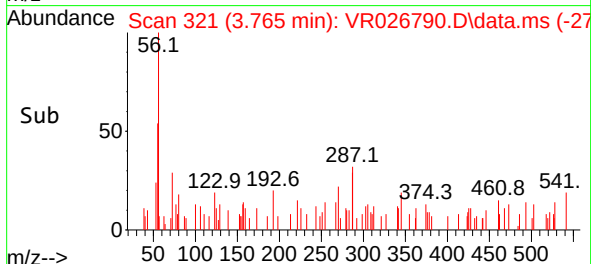
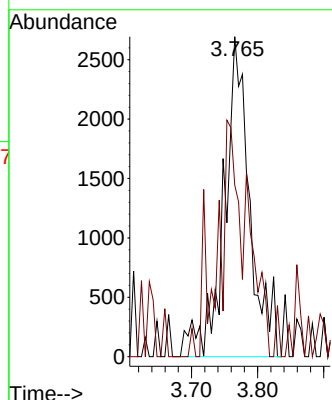
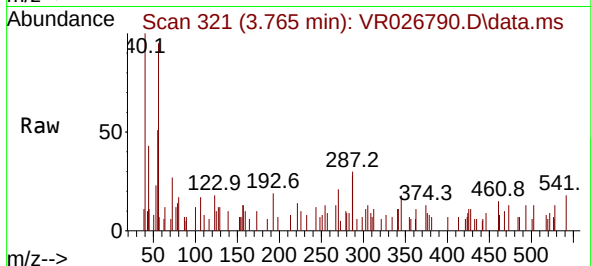




#13
Acrolein
Concen: 42.432 ug/l m
RT: 3.765 min Scan# 31
Delta R.T. -0.006 min
Lab File: VR026790.D
Acq: 4 Dec 2025 10:06

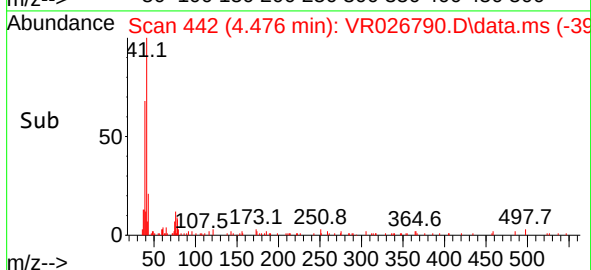
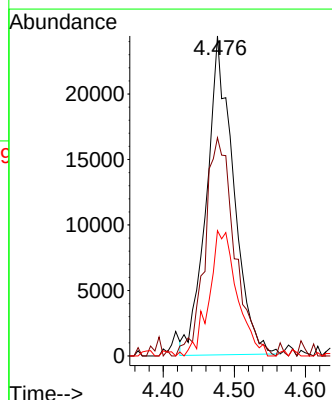
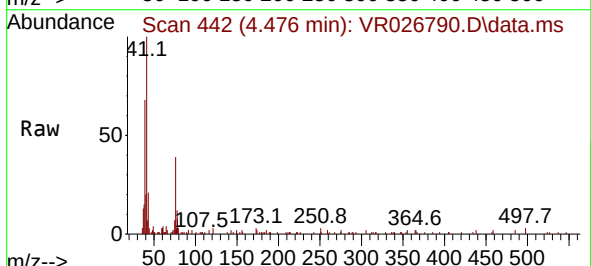
Instrument :
MSVOA_R
ClientSampleId :
VSTDICC005

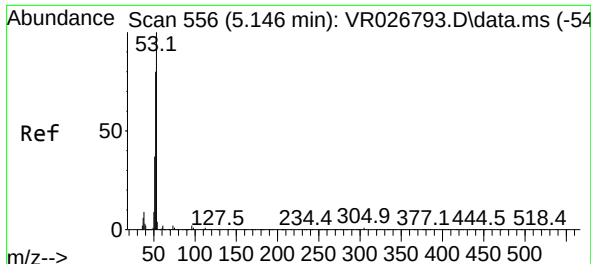
Tgt Ion: 56 Resp: 7263
Ion Ratio Lower Upper
56 100
55 29.9 58.5 87.7#



#14
Allyl chloride
Concen: 4.909 ug/l
RT: 4.476 min Scan# 442
Delta R.T. 0.000 min
Lab File: VR026790.D
Acq: 4 Dec 2025 10:06

Tgt Ion: 41 Resp: 64141
Ion Ratio Lower Upper
41 100
39 75.6 55.0 82.4
76 40.9 27.3 40.9

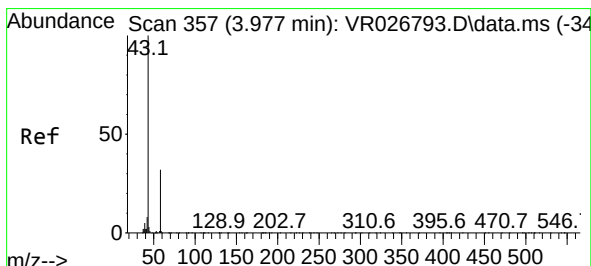
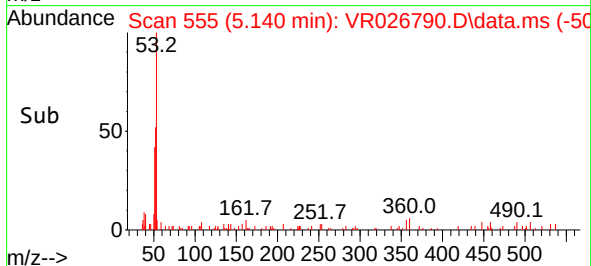
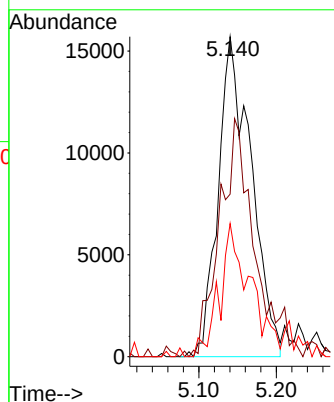
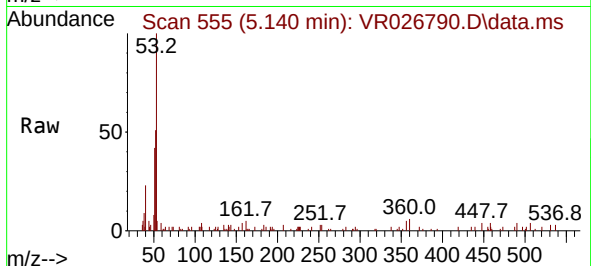




#15
Acrylonitrile
Concen: 22.229 ug/l
RT: 5.140 min Scan# 51
Delta R.T. -0.006 min
Lab File: VR026790.D
Acq: 4 Dec 2025 10:06

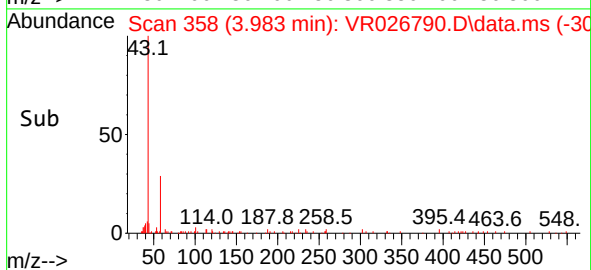
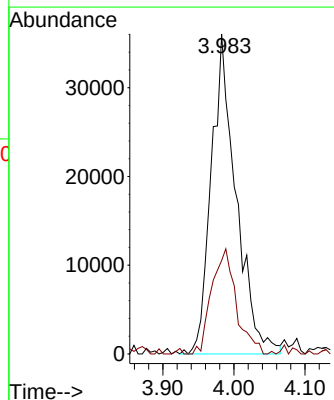
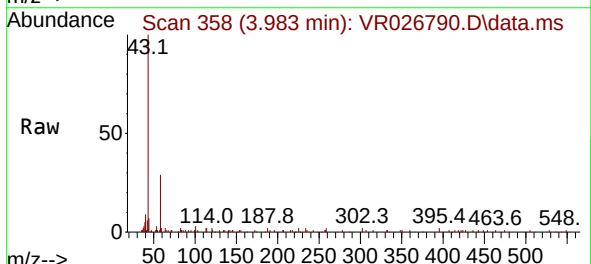
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC005

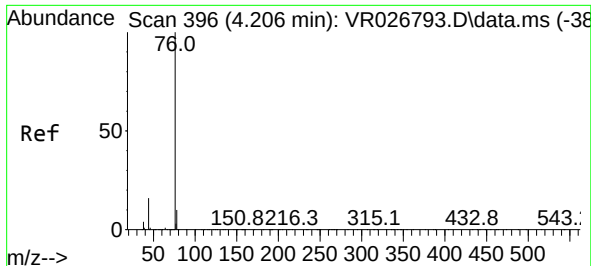
Tgt Ion:	53	Resp:	46594
Ion	Ratio	Lower	Upper
53	100		
52	78.3	65.9	98.9
51	38.8	28.1	42.1



#16
Acetone
Concen: 28.789 ug/l
RT: 3.983 min Scan# 358
Delta R.T. 0.006 min
Lab File: VR026790.D
Acq: 4 Dec 2025 10:06

Tgt Ion:	43	Resp:	87350
Ion	Ratio	Lower	Upper
43	100		
58	28.4	25.5	38.3

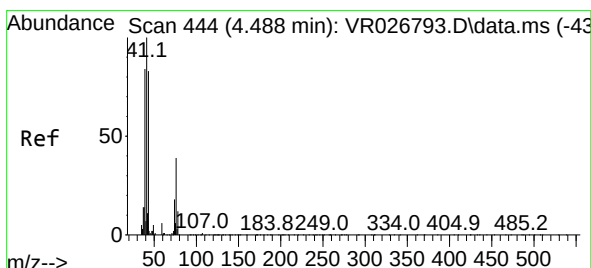
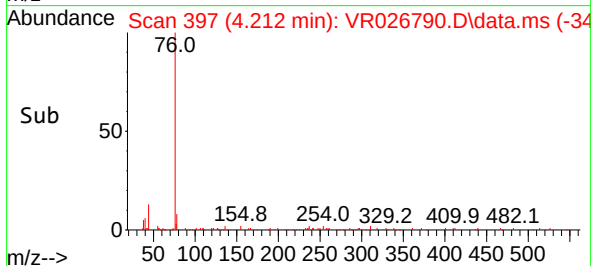
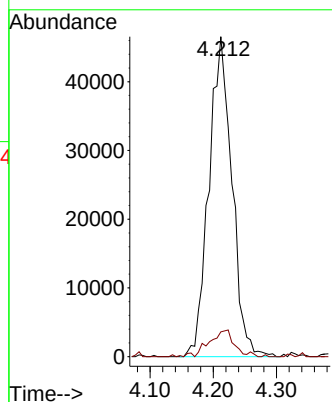
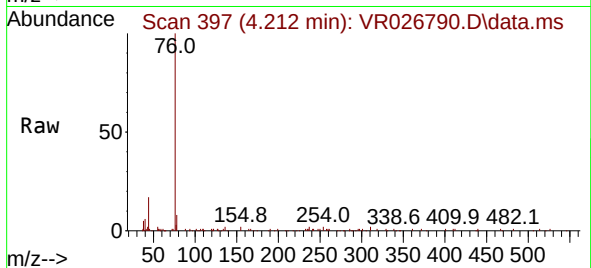




#17
Carbon Disulfide
Concen: 5.395 ug/l
RT: 4.212 min Scan# 397
Delta R.T. 0.006 min
Lab File: VR026790.D
Acq: 4 Dec 2025 10:06

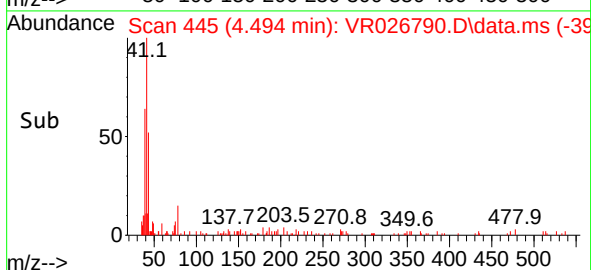
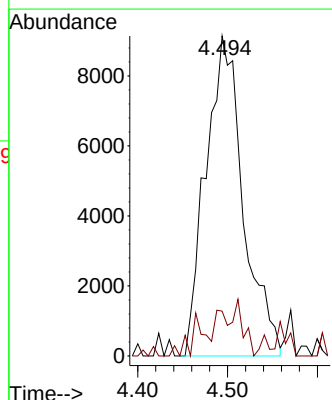
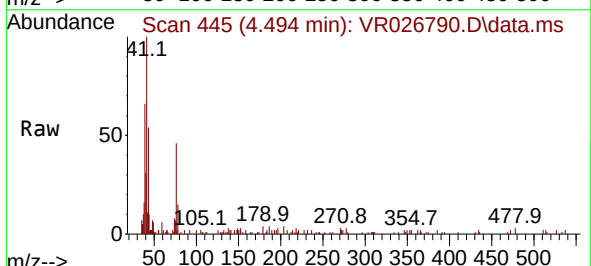
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC005

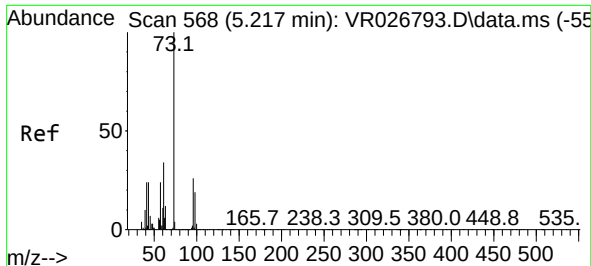
Tgt Ion: 76 Resp: 117866
Ion Ratio Lower Upper
76 100
78 7.7 8.2 12.4#



#18
Methyl Acetate
Concen: 6.058 ug/l
RT: 4.494 min Scan# 445
Delta R.T. 0.006 min
Lab File: VR026790.D
Acq: 4 Dec 2025 10:06

Tgt Ion: 43 Resp: 26411
Ion Ratio Lower Upper
43 100
74 3.0 18.3 27.5#

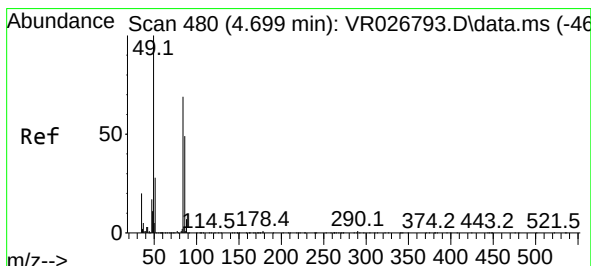
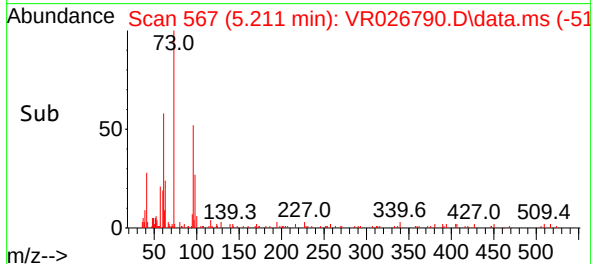
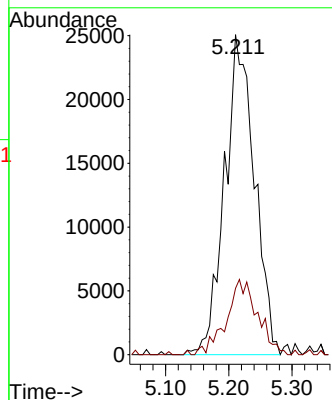
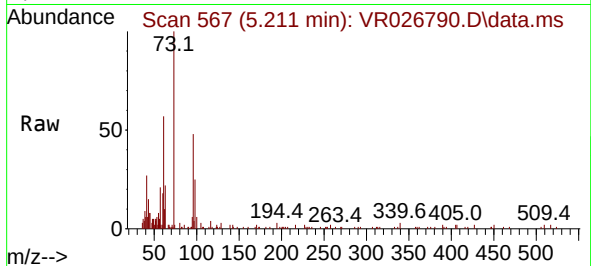




#19
Methyl tert-butyl Ether
Concen: 4.466 ug/l
RT: 5.211 min Scan# 501
Delta R.T. -0.006 min
Lab File: VR026790.D
Acq: 4 Dec 2025 10:06

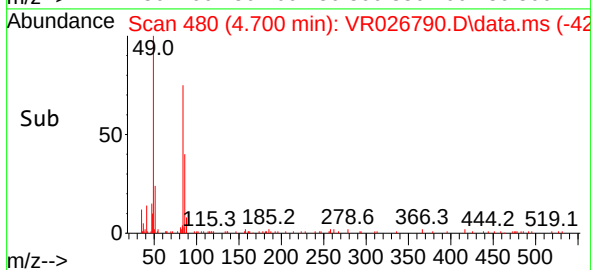
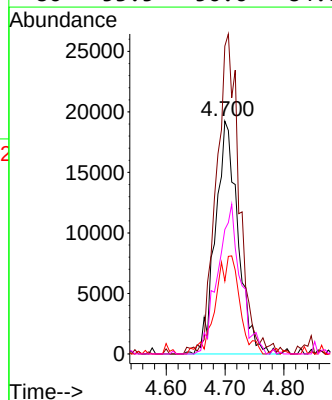
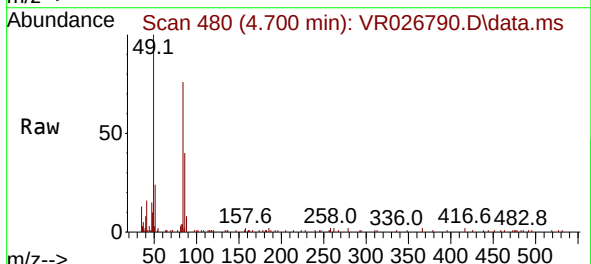
Instrument :
MSVOA_R
ClientSampleId :
VSTDICC005

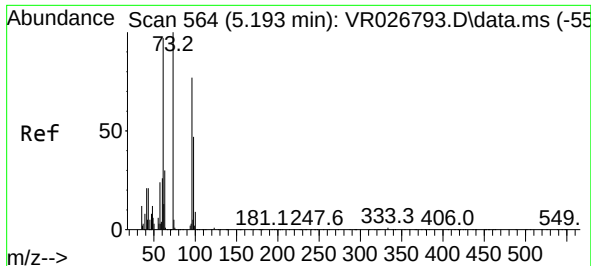
Tgt Ion: 73 Resp: 82104
Ion Ratio Lower Upper
73 100
57 20.7 19.1 28.7



#20
Methylene Chloride
Concen: 5.869 ug/l
RT: 4.700 min Scan# 480
Delta R.T. 0.001 min
Lab File: VR026790.D
Acq: 4 Dec 2025 10:06

Tgt Ion: 84 Resp: 51047
Ion Ratio Lower Upper
84 100
49 132.2 115.9 173.9
51 31.3 31.9 47.9#
86 53.5 56.6 84.8#

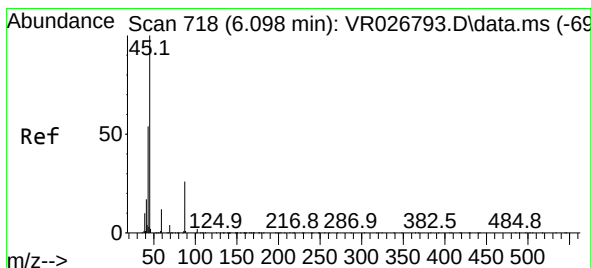
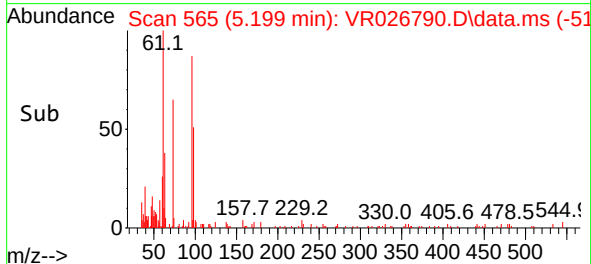
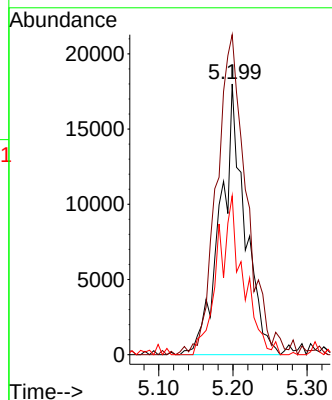
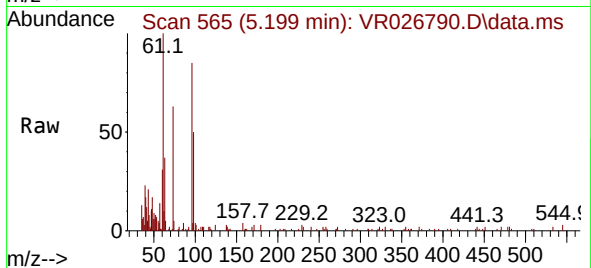




#21
trans-1,2-Dichloroethene
Concen: 5.334 ug/l
RT: 5.199 min Scan# 51
Delta R.T. 0.006 min
Lab File: VR026790.D
Acq: 4 Dec 2025 10:06

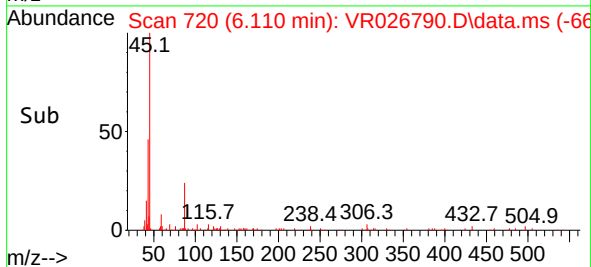
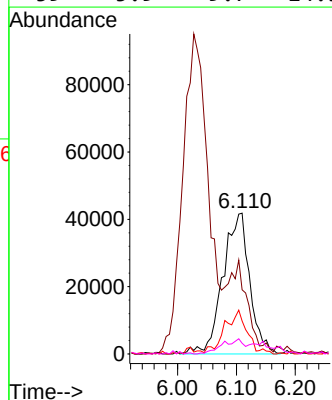
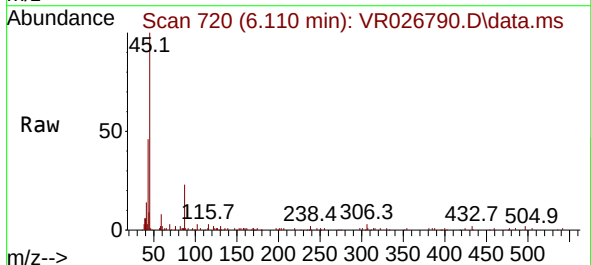
Instrument :
MSVOA_R
ClientSampleId :
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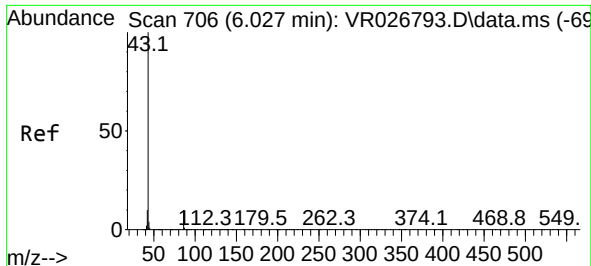
Tgt Ion: 96 Resp: 41567
Ion Ratio Lower Upper
96 100
61 117.2 101.2 151.8
98 58.7 49.0 73.4



#22
Diisopropyl ether
Concen: 4.992 ug/l
RT: 6.110 min Scan# 720
Delta R.T. 0.012 min
Lab File: VR026790.D
Acq: 4 Dec 2025 10:06

Tgt Ion: 45 Resp: 132583
Ion Ratio Lower Upper
45 100
43 41.3 46.6 70.0#
87 22.6 21.1 31.7
59 5.9 9.7 14.5#

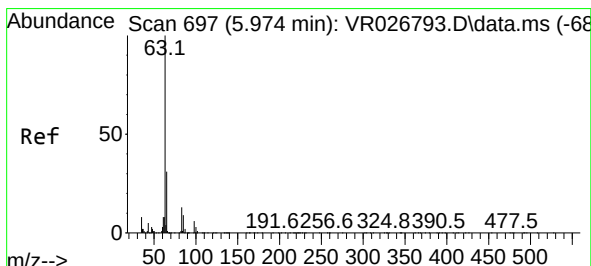
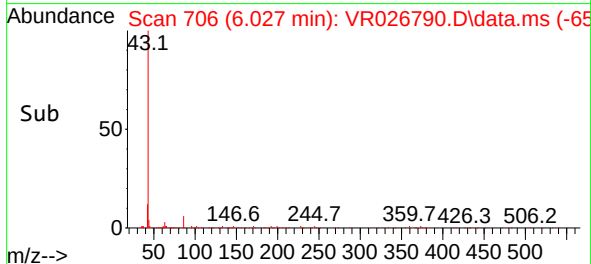
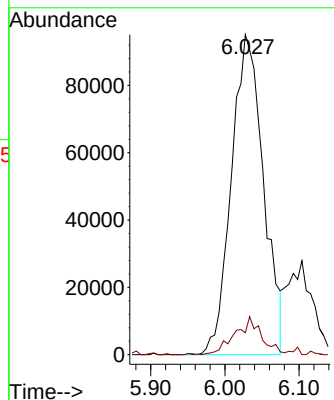
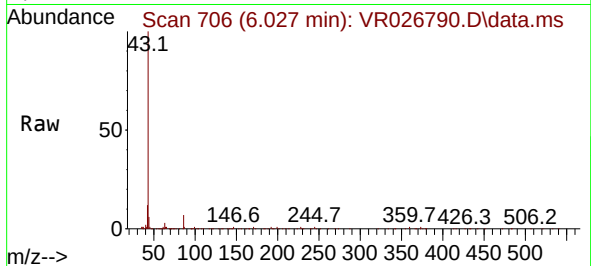




#23
 Vinyl Acetate
 Concen: 21.975 ug/l
 RT: 6.027 min Scan# 706
 Delta R.T. 0.000 min
 Lab File: VR026790.D
 Acq: 4 Dec 2025 10:06

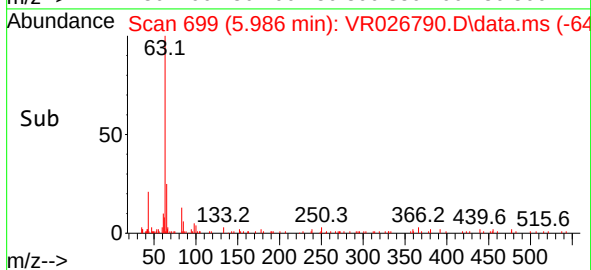
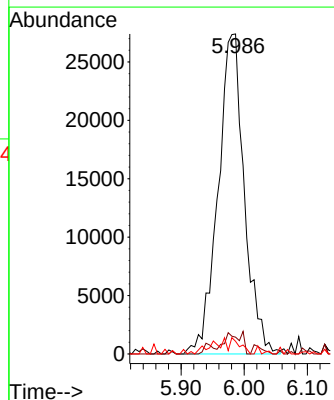
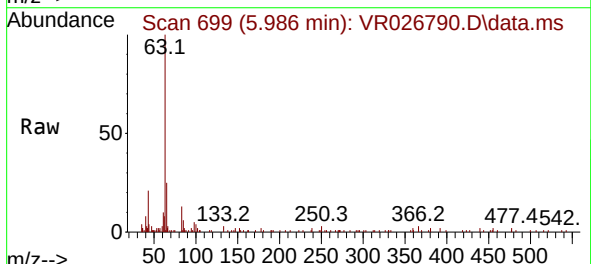
Instrument :
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 ClientSampleId :
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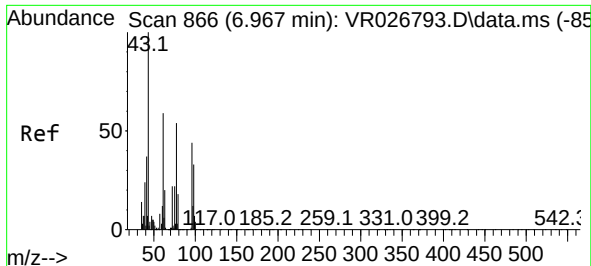
Tgt Ion: 43 Resp: 285364
 Ion Ratio Lower Upper
 43 100
 86 6.9 7.6 11.4#



#24
 1,1-Dichloroethane
 Concen: 5.310 ug/l
 RT: 5.986 min Scan# 699
 Delta R.T. 0.012 min
 Lab File: VR026790.D
 Acq: 4 Dec 2025 10:06

Tgt Ion: 63 Resp: 79228
 Ion Ratio Lower Upper
 63 100
 98 5.3 3.3 9.8
 100 4.0 1.8 5.3

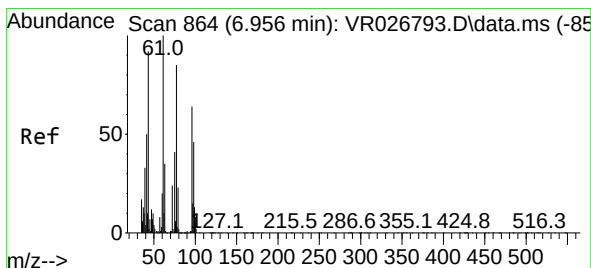
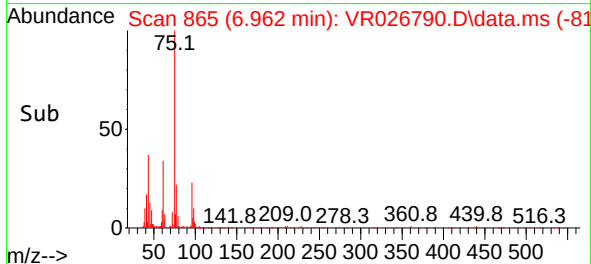
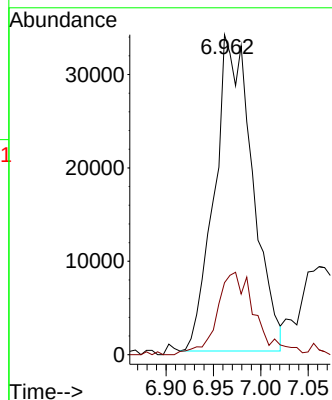
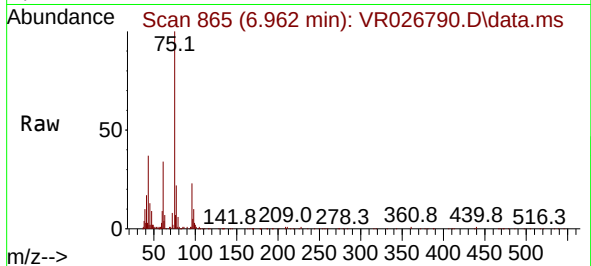




#25
2-Butanone
Concen: 25.288 ug/l
RT: 6.962 min Scan# 80
Delta R.T. -0.005 min
Lab File: VR026790.D
Acq: 4 Dec 2025 10:06

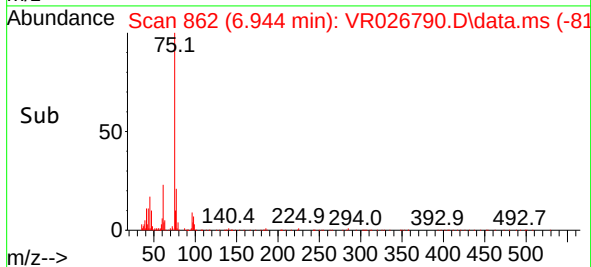
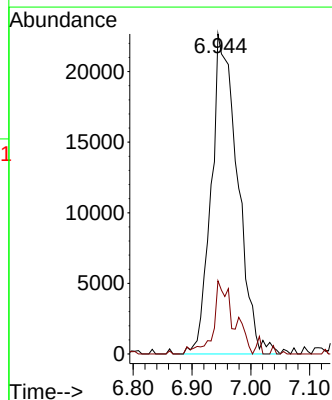
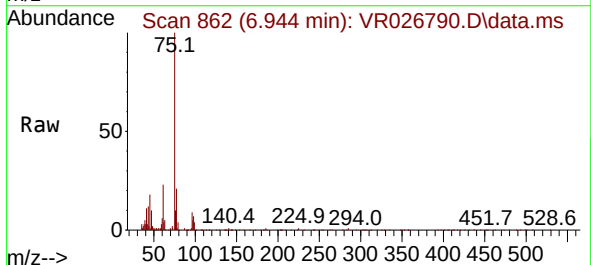
Instrument :
MSVOA_R
ClientSampleId :
VSTDICC005

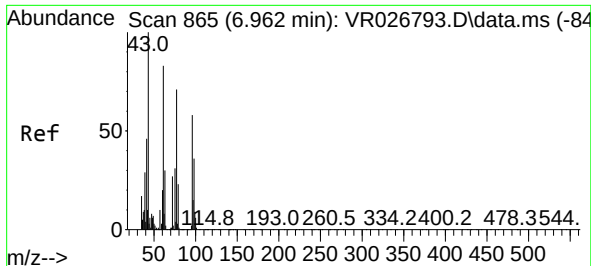
Tgt Ion: 43 Resp: 94514
Ion Ratio Lower Upper
43 100
72 21.8 17.4 26.2



#26
2,2-Dichloropropane
Concen: 5.476 ug/l
RT: 6.944 min Scan# 862
Delta R.T. -0.012 min
Lab File: VR026790.D
Acq: 4 Dec 2025 10:06

Tgt Ion: 77 Resp: 70649
Ion Ratio Lower Upper
77 100
97 14.2 10.4 31.4



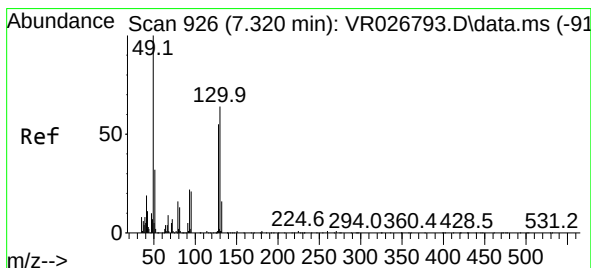
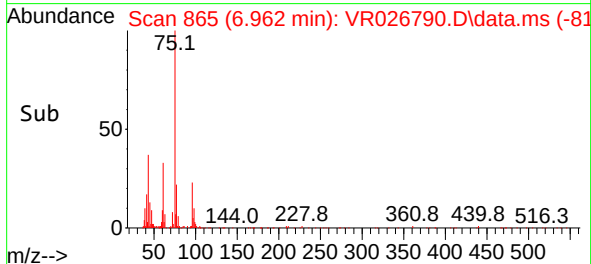
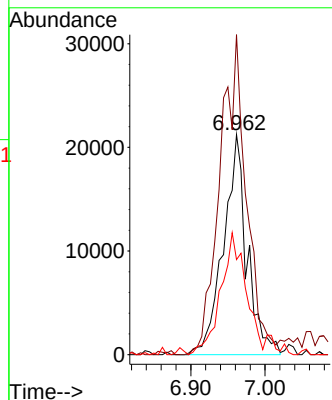
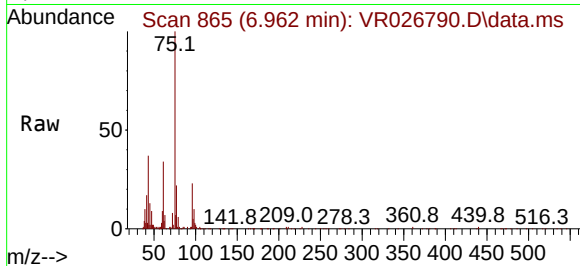


#27
 cis-1,2-Dichloroethene
 Concen: 5.134 ug/l
 RT: 6.962 min Scan# 865
 Delta R.T. -0.000 min
 Lab File: VR026790.D
 Acq: 4 Dec 2025 10:06

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDIC005

Tgt Ion: 96 Resp: 46715

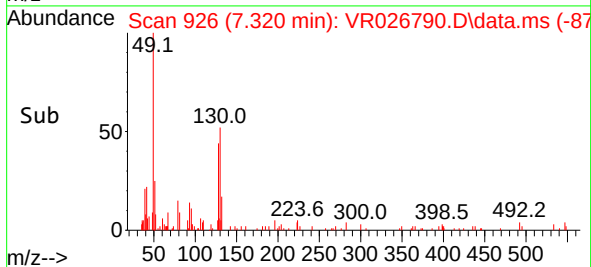
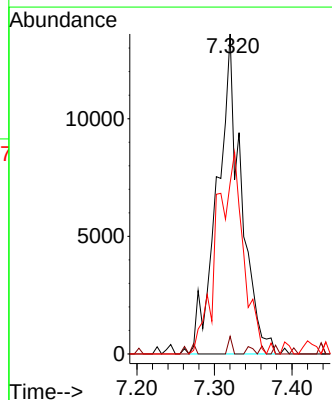
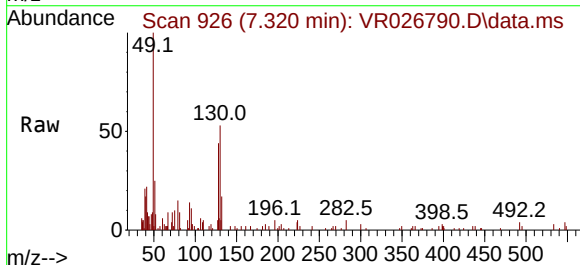
Ion	Ratio	Lower	Upper
96	100		
61	86.8	0.0	296.6
98	58.9	0.0	132.0

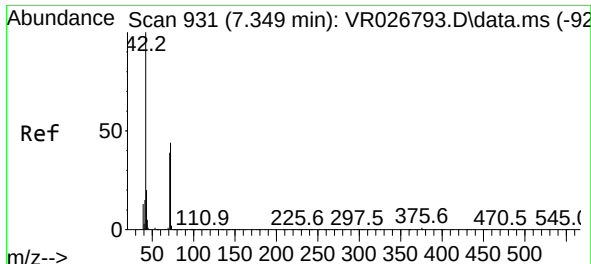


#28
 Bromochloromethane
 Concen: 4.648 ug/l
 RT: 7.320 min Scan# 926
 Delta R.T. 0.000 min
 Lab File: VR026790.D
 Acq: 4 Dec 2025 10:06

Tgt Ion: 49 Resp: 29162

Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	2.6
130	70.3	54.8	82.2





#29

Tetrahydrofuran

Concen: 24.622 ug/l m

RT: 7.361 min Scan# 91

Delta R.T. 0.012 min

Lab File: VR026790.D

Acq: 4 Dec 2025 10:06

Instrument :

MSVOA_R

ClientSampleId :

VSTDICC005

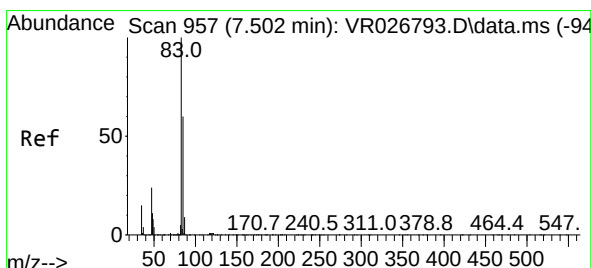
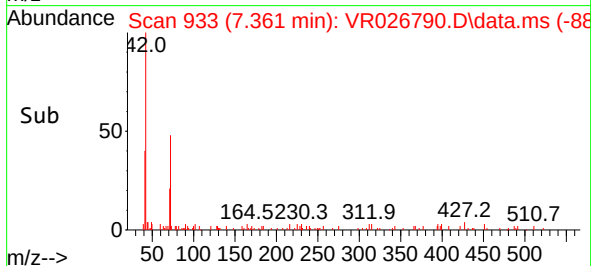
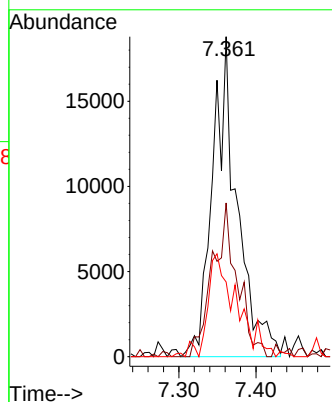
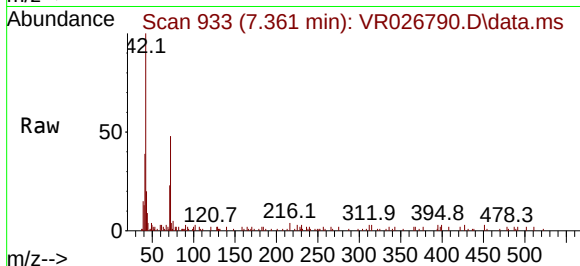
Tgt Ion: 42 Resp: 41826

Ion Ratio Lower Upper

42 100

72 47.9 35.4 53.2

71 34.6 30.8 46.2



#30

Chloroform

Concen: 5.194 ug/l

RT: 7.496 min Scan# 956

Delta R.T. -0.006 min

Lab File: VR026790.D

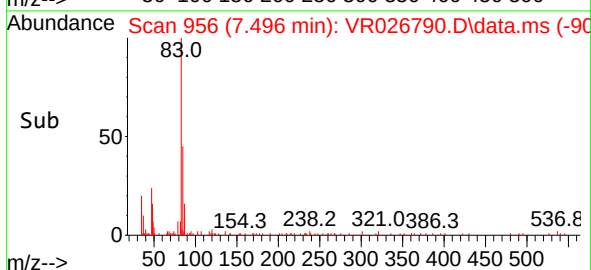
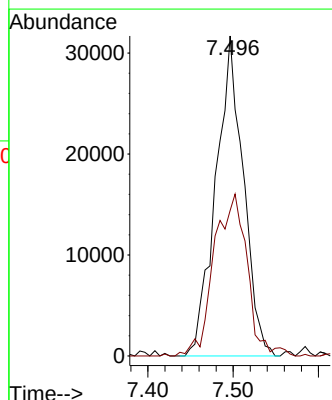
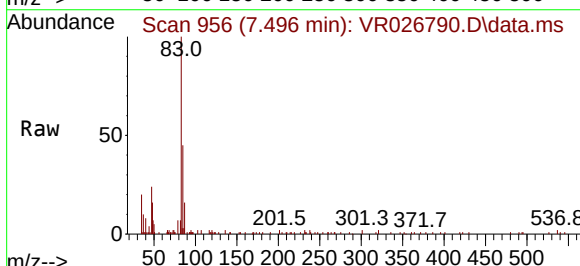
Acq: 4 Dec 2025 10:06

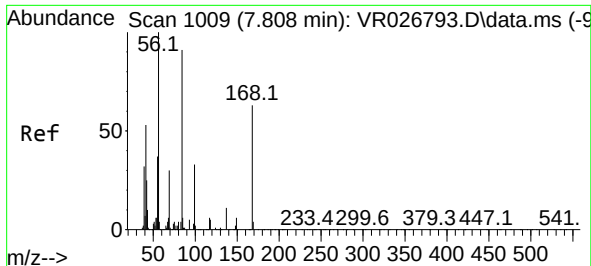
Tgt Ion: 83 Resp: 71209

Ion Ratio Lower Upper

83 100

85 44.3 48.2 72.4#

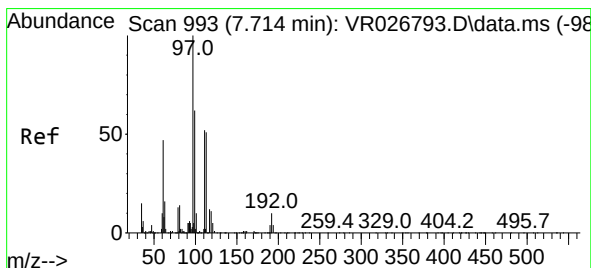
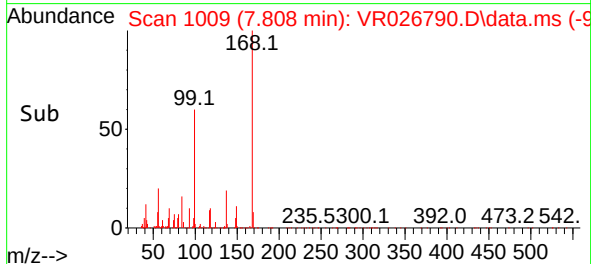
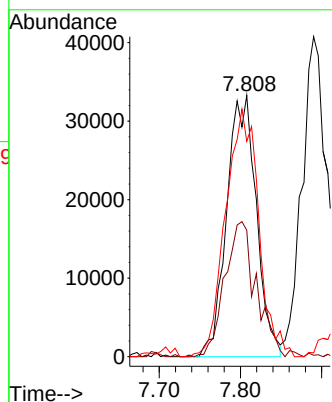
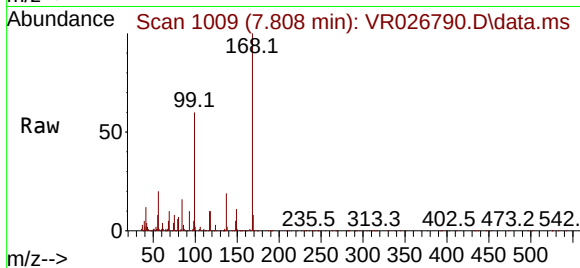




#31
Cyclohexane
Concen: 5.266 ug/l
RT: 7.808 min Scan# 1009
Delta R.T. -0.000 min
Lab File: VR026790.D
Acq: 4 Dec 2025 10:06

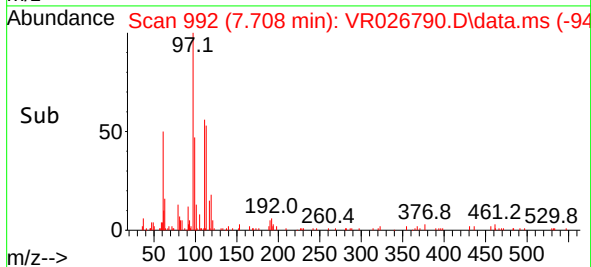
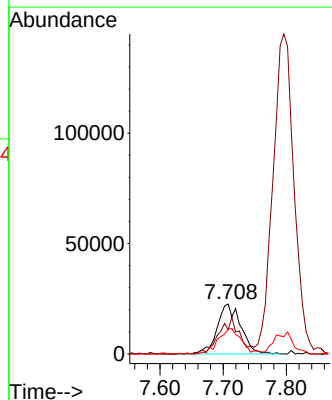
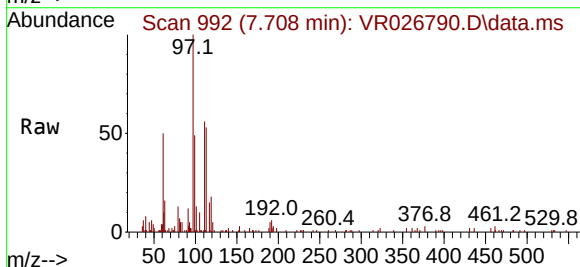
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC005

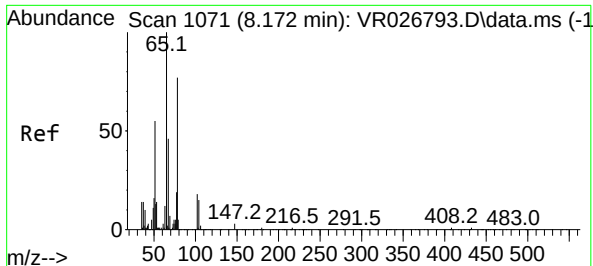
Tgt Ion: 56 Resp: 84433
Ion Ratio Lower Upper
56 100
69 48.4 23.8 35.6#
84 82.4 72.3 108.5



#32
1,1,1-Trichloroethane
Concen: 4.924 ug/l
RT: 7.708 min Scan# 992
Delta R.T. -0.006 min
Lab File: VR026790.D
Acq: 4 Dec 2025 10:06

Tgt Ion: 97 Resp: 58699
Ion Ratio Lower Upper
97 100
99 63.7 50.4 75.6
61 50.1 37.9 56.9





#33

1,2-Dichloroethane-d4

Concen: 4.924 ug/l

RT: 8.166 min Scan# 1071

Delta R.T. -0.006 min

Lab File: VR026790.D

Acq: 4 Dec 2025 10:06

Instrument :

MSVOA_R

ClientSampleId :

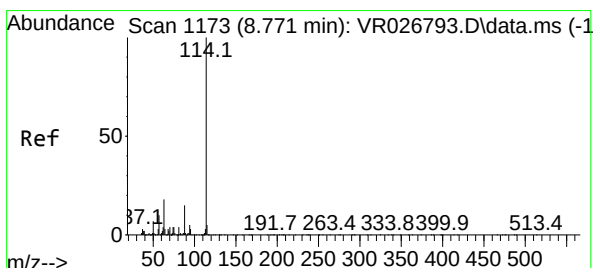
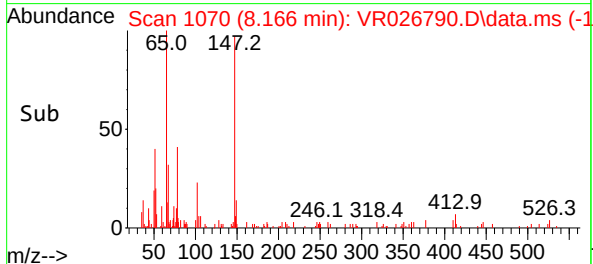
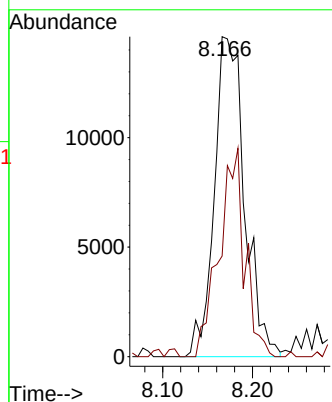
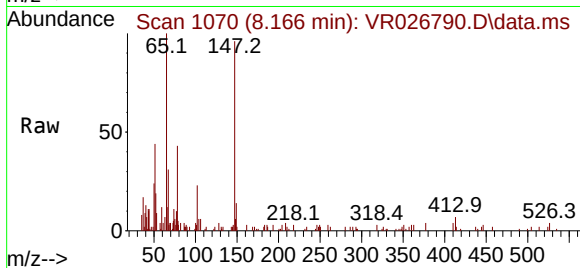
VSTDIC005

Tgt Ion: 65 Resp: 34307

Ion Ratio Lower Upper

65 100

67 54.9 0.0 103.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.771 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VR026790.D

Acq: 4 Dec 2025 10:06

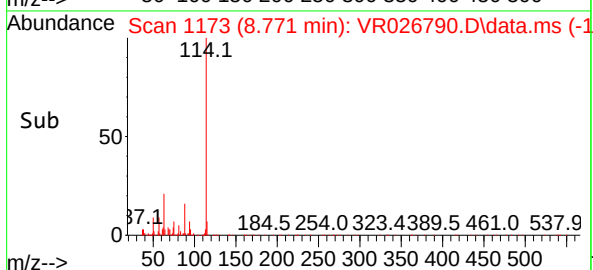
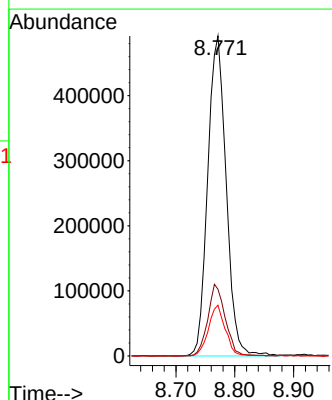
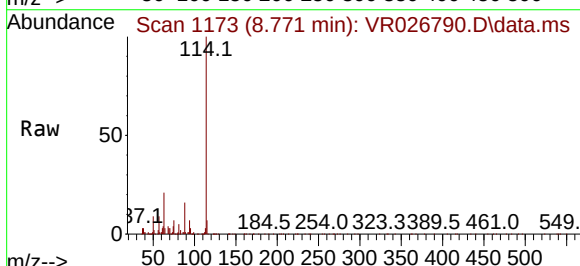
Tgt Ion: 114 Resp: 1070101

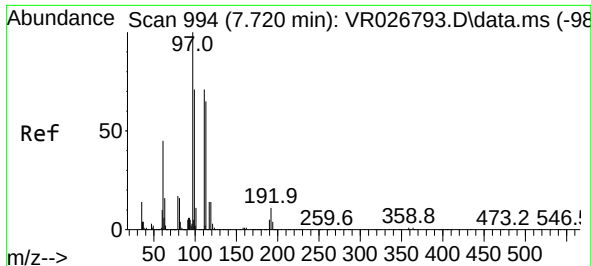
Ion Ratio Lower Upper

114 100

63 20.8 0.0 36.6

88 15.8 0.0 29.8

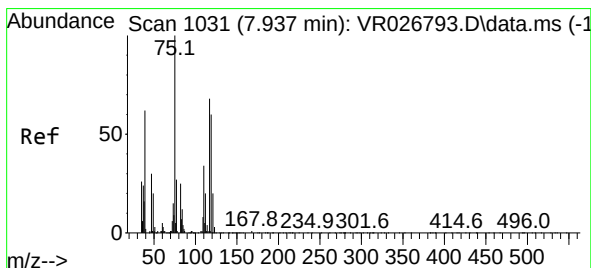
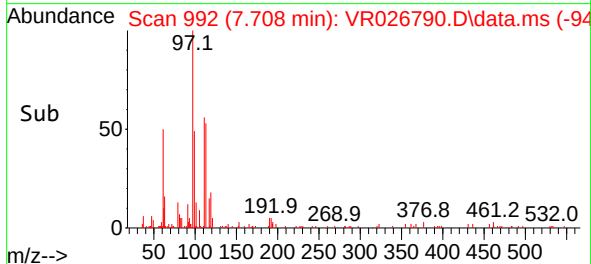
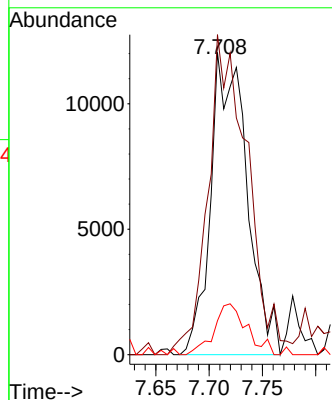
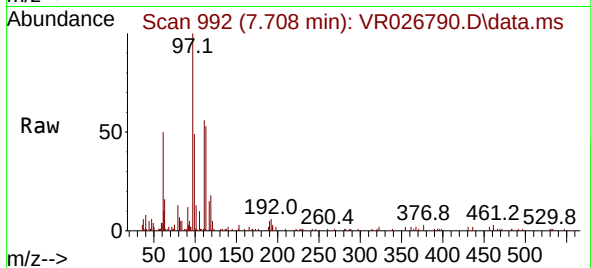




#35
Dibromofluoromethane
Concen: 4.684 ug/l
RT: 7.708 min Scan# 994
Delta R.T. -0.012 min
Lab File: VR026790.D
Acq: 4 Dec 2025 10:06

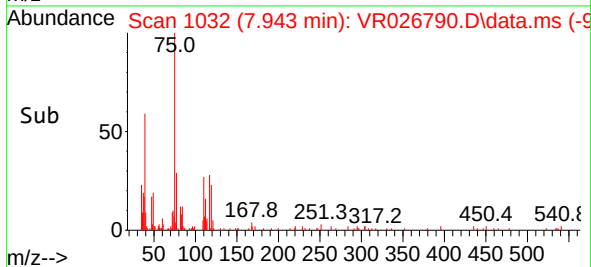
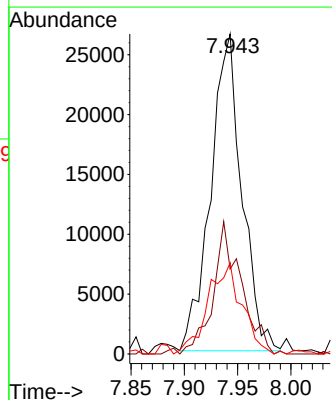
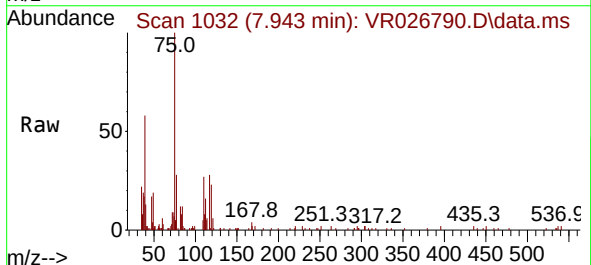
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC005

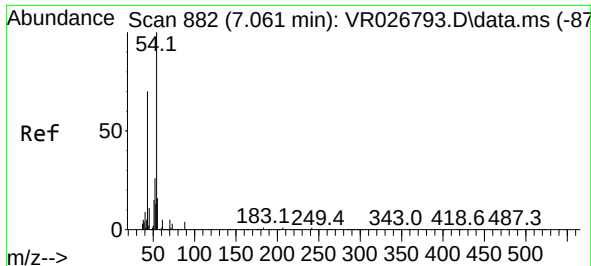
Tgt Ion:113 Resp: 28402
Ion Ratio Lower Upper
113 100
111 115.2 80.5 120.7
192 15.2 13.8 20.8



#36
1,1-Dichloropropene
Concen: 4.807 ug/l
RT: 7.943 min Scan# 1032
Delta R.T. 0.006 min
Lab File: VR026790.D
Acq: 4 Dec 2025 10:06

Tgt Ion: 75 Resp: 53831
Ion Ratio Lower Upper
75 100
110 37.7 17.5 52.6
77 31.4 22.4 33.6





#37

Ethyl Acetate

Concen: 4.930 ug/l m

RT: 7.062 min Scan# 8

Delta R.T. 0.001 min

Lab File: VR026790.D

Acq: 4 Dec 2025 10:06

Instrument :

MSVOA_R

ClientSampleId :

VSTDIC005

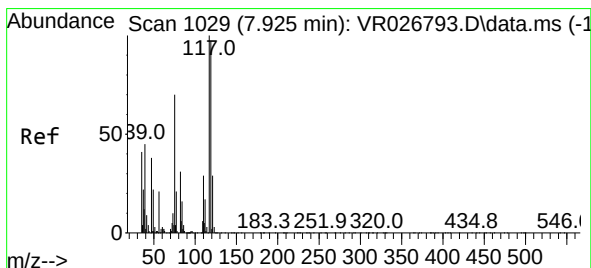
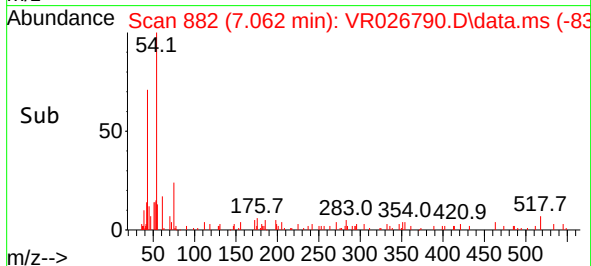
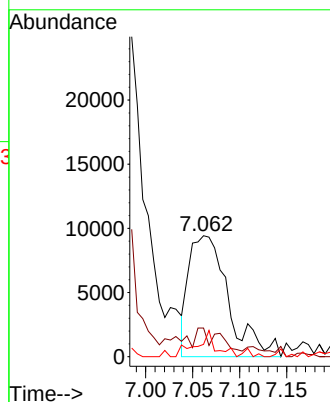
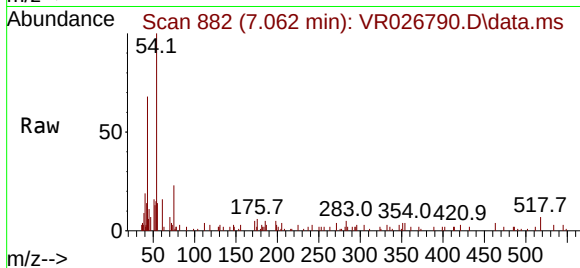
Tgt Ion: 43 Resp: 27567

Ion Ratio Lower Upper

43 100

61 0.0 12.0 18.0#

70 10.4 7.8 11.6



#38

Carbon Tetrachloride

Concen: 5.003 ug/l

RT: 7.919 min Scan# 1028

Delta R.T. -0.006 min

Lab File: VR026790.D

Acq: 4 Dec 2025 10:06

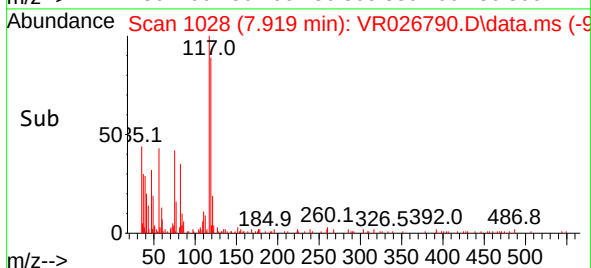
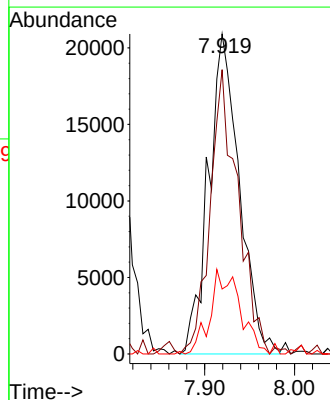
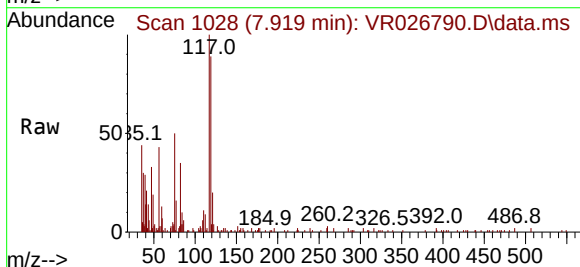
Tgt Ion: 117 Resp: 49782

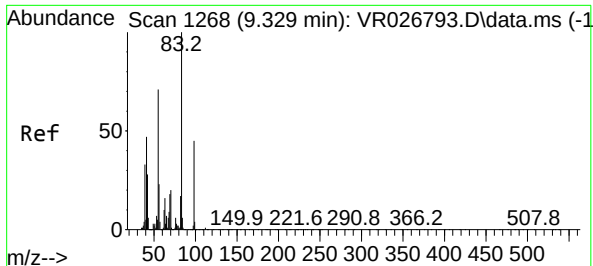
Ion Ratio Lower Upper

117 100

119 88.8 77.5 116.3

121 20.3 23.4 35.2#





#39

Methylcyclohexane

Concen: 5.369 ug/l

RT: 9.324 min Scan# 1

Delta R.T. -0.005 min

Lab File: VR026790.D

Acq: 4 Dec 2025 10:06

Instrument :

MSVOA_R

ClientSampleId :

VSTDIC005

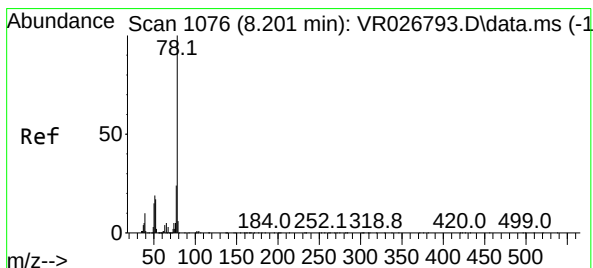
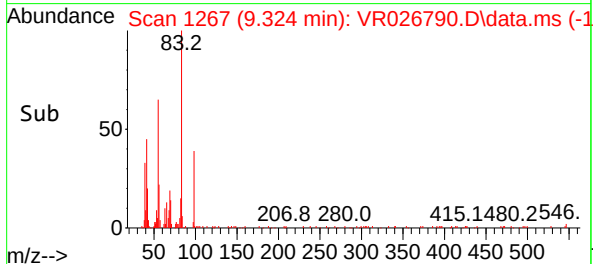
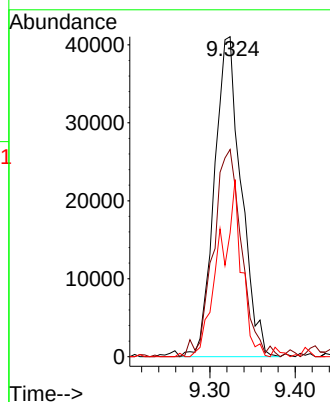
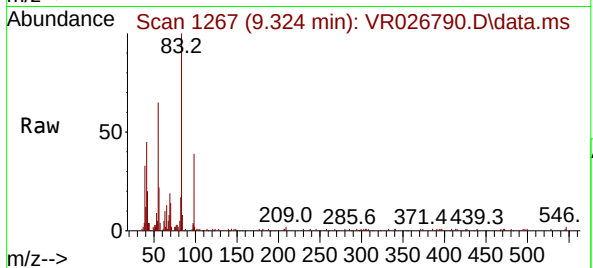
Tgt Ion: 83 Resp: 89703

Ion Ratio Lower Upper

83 100

55 64.8 56.6 85.0

98 37.6 36.0 54.0



#40

Benzene

Concen: 5.115 ug/l

RT: 8.195 min Scan# 1075

Delta R.T. -0.006 min

Lab File: VR026790.D

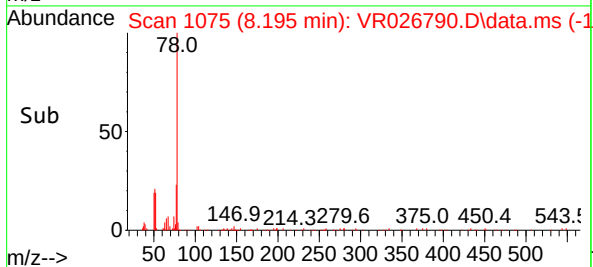
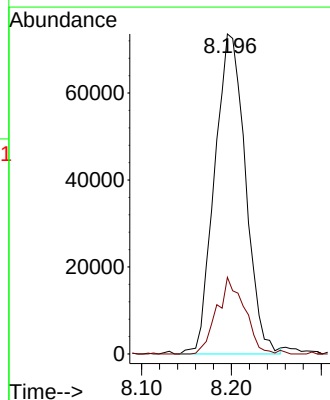
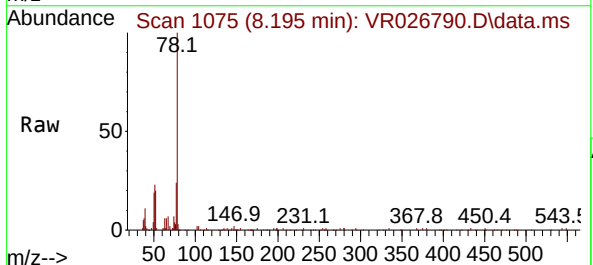
Acq: 4 Dec 2025 10:06

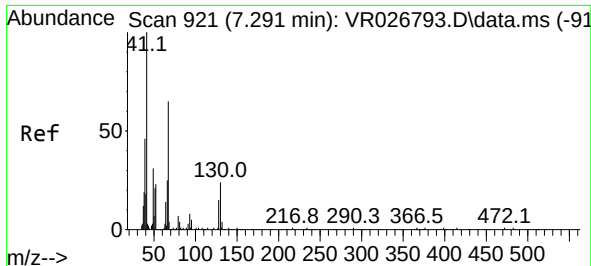
Tgt Ion: 78 Resp: 175417

Ion Ratio Lower Upper

78 100

77 24.0 19.5 29.3

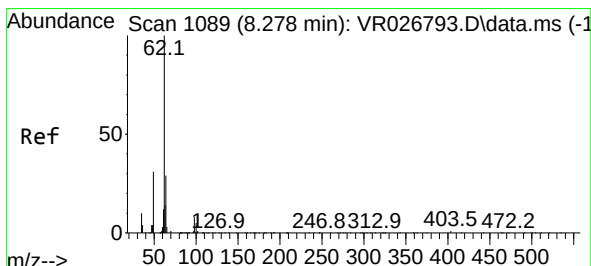
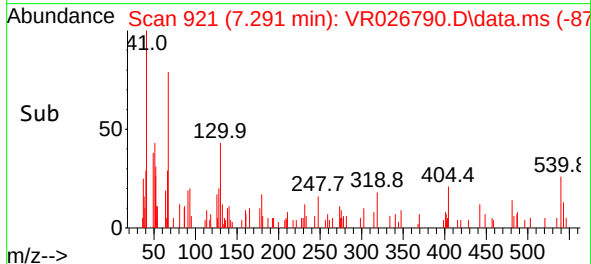
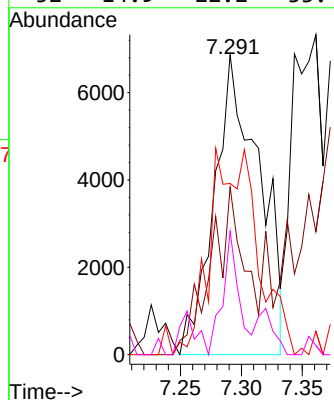
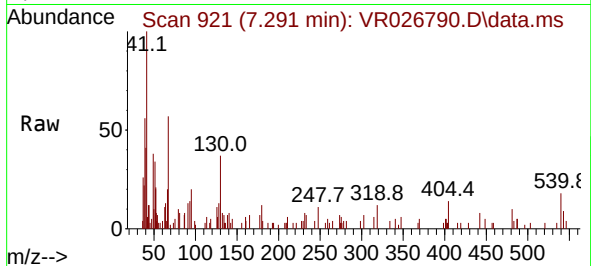




#41
Methacrylonitrile
Concen: 5.041 ug/l
RT: 7.291 min Scan# 91
Delta R.T. -0.000 min
Lab File: VR026790.D
Acq: 4 Dec 2025 10:06

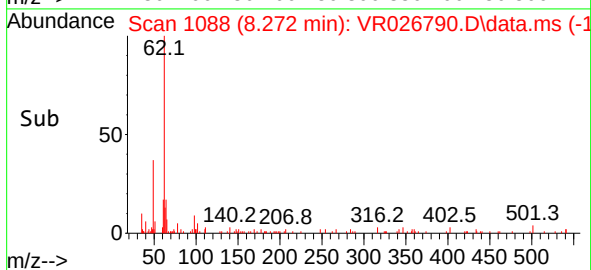
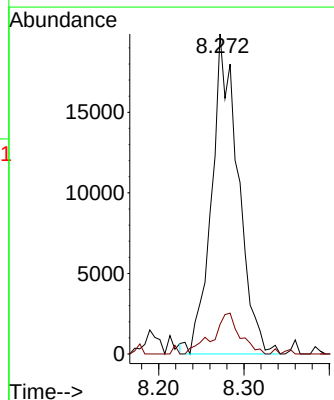
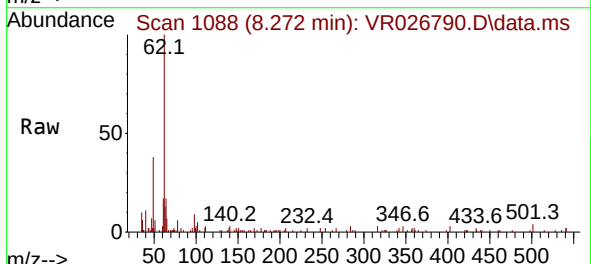
Instrument :
MSVOA_R
ClientSampleId :
VSTDICC005

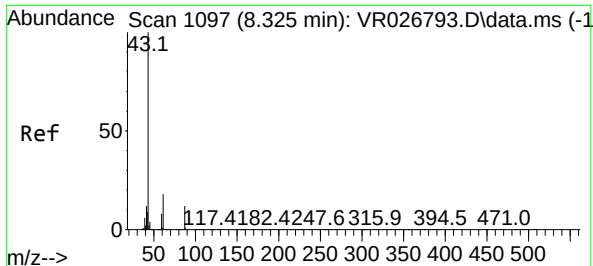
Tgt Ion:	41	Resp:	17680
Ion	Ratio	Lower	Upper
41	100		
39	42.2	40.4	60.6
67	38.1	55.5	83.3#
52	14.9	22.2	33.4#



#42
1,2-Dichloroethane
Concen: 5.056 ug/l
RT: 8.272 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VR026790.D
Acq: 4 Dec 2025 10:06

Tgt Ion:	62	Resp:	42919
Ion	Ratio	Lower	Upper
62	100		
98	13.0	0.0	19.2

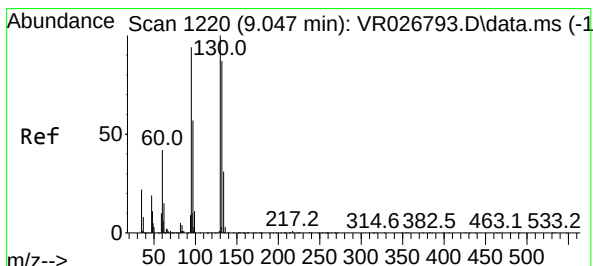
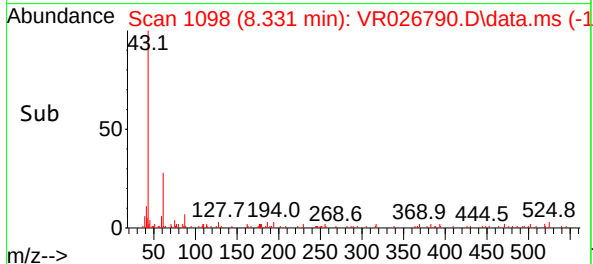
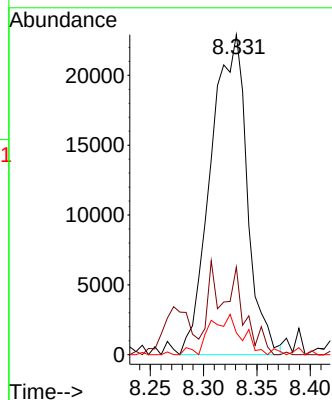
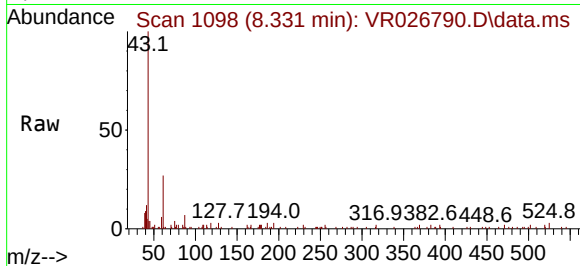




#43
Isopropyl Acetate
Concen: 4.610 ug/l
RT: 8.331 min Scan# 11
Delta R.T. 0.006 min
Lab File: VR026790.D
Acq: 4 Dec 2025 10:06

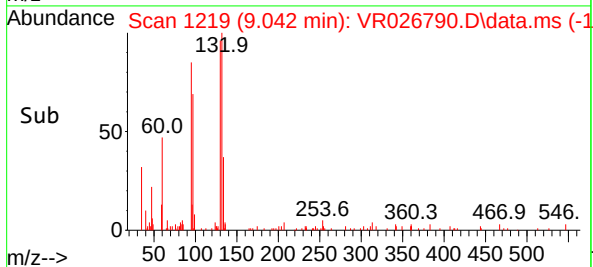
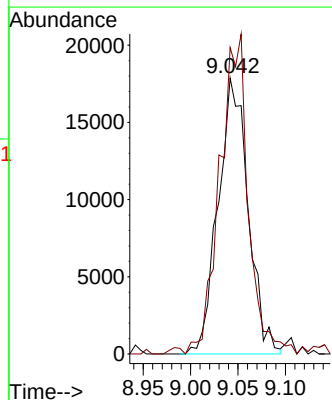
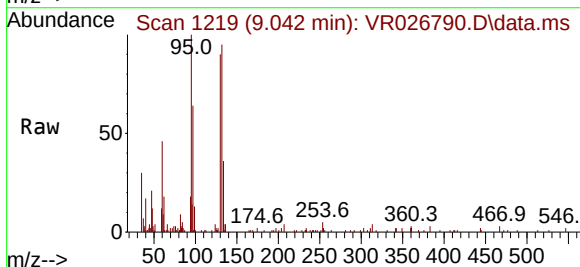
Instrument :
MSVOA_R
ClientSampleId :
VSTDICC005

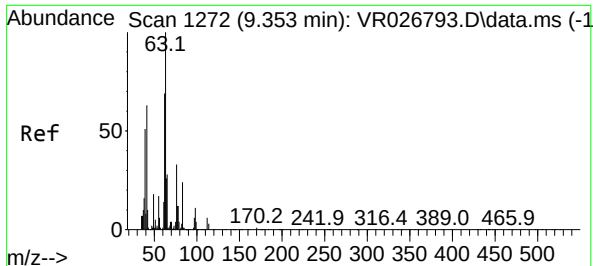
Tgt Ion: 43 Resp: 54236
Ion Ratio Lower Upper
43 100
61 11.8 17.0 25.6#
87 11.1 10.5 15.7



#44
Trichloroethene
Concen: 4.824 ug/l
RT: 9.042 min Scan# 1219
Delta R.T. -0.005 min
Lab File: VR026790.D
Acq: 4 Dec 2025 10:06

Tgt Ion:130 Resp: 39328
Ion Ratio Lower Upper
130 100
95 109.0 0.0 188.0





#45

1,2-Dichloropropane

Concen: 5.013 ug/l

RT: 9.353 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VR026790.D

Acq: 4 Dec 2025 10:06

Instrument :

MSVOA_R

ClientSampleId :

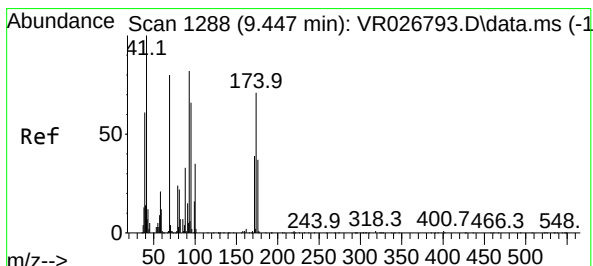
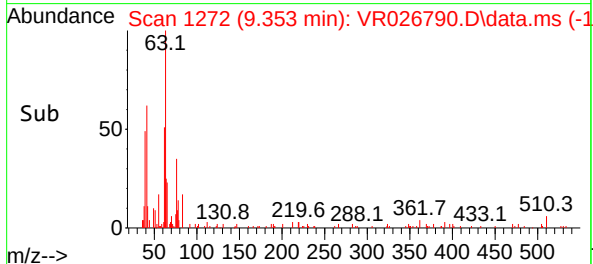
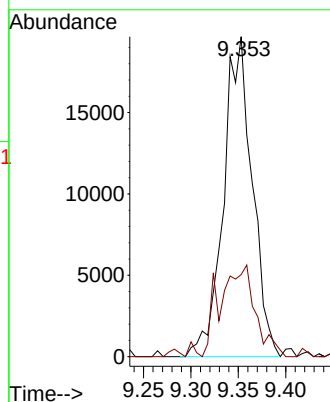
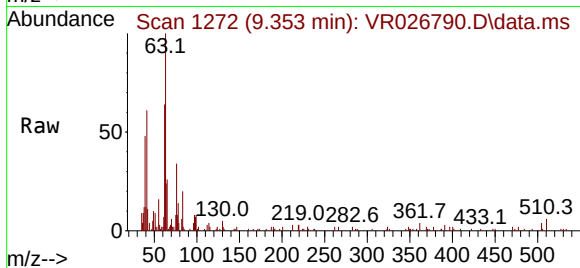
VSTDIC005

Tgt Ion: 63 Resp: 41359

Ion Ratio Lower Upper

63 100

65 24.5 22.7 34.1



#46

Dibromomethane

Concen: 4.837 ug/l

RT: 9.447 min Scan# 1288

Delta R.T. 0.000 min

Lab File: VR026790.D

Acq: 4 Dec 2025 10:06

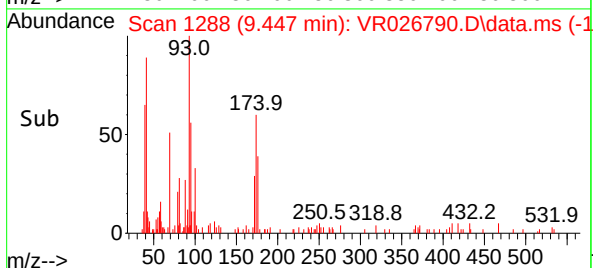
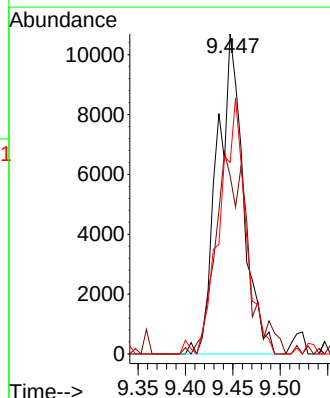
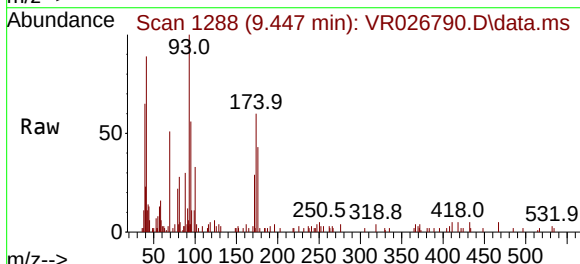
Tgt Ion: 93 Resp: 20440

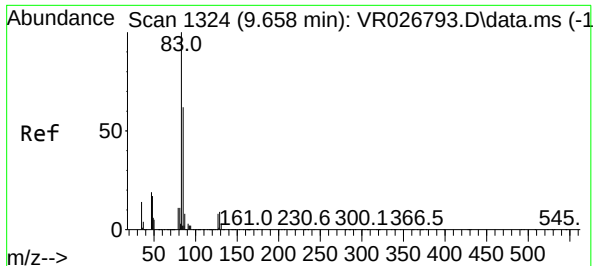
Ion Ratio Lower Upper

93 100

95 77.8 63.4 95.2

174 79.0 67.1 100.7

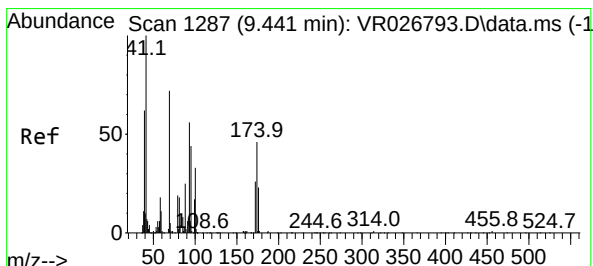
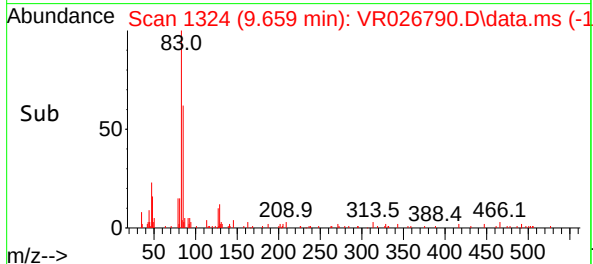
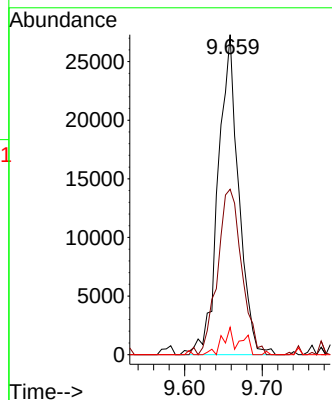
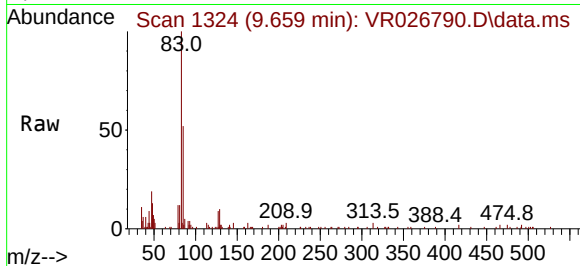




#47
Bromodichloromethane
Concen: 4.779 ug/l
RT: 9.659 min Scan# 11
Delta R.T. 0.001 min
Lab File: VR026790.D
Acq: 4 Dec 2025 10:06

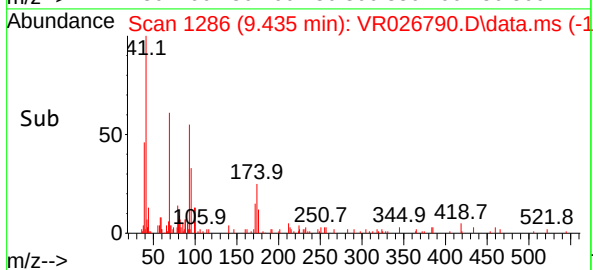
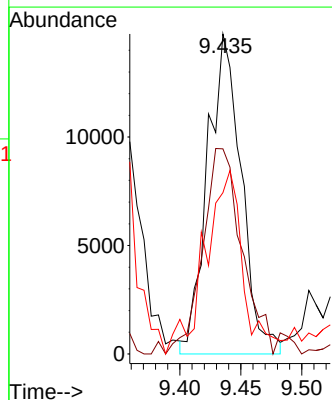
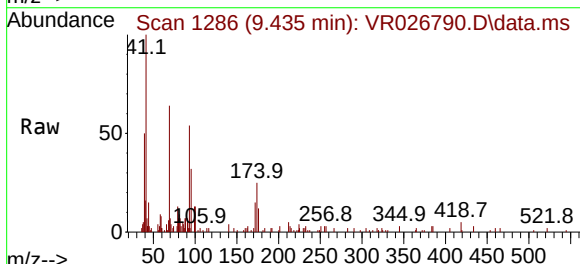
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC005

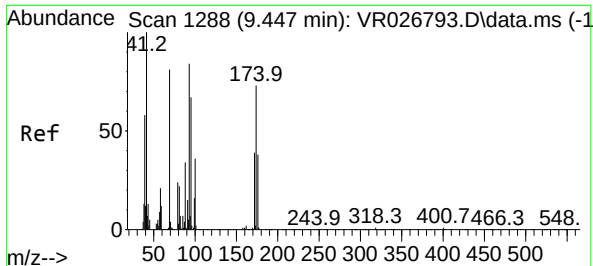
Tgt Ion: 83 Resp: 50371
Ion Ratio Lower Upper
83 100
85 51.7 49.8 74.8
127 8.5 6.5 9.7



#48
Methyl methacrylate
Concen: 4.905 ug/l
RT: 9.435 min Scan# 1286
Delta R.T. -0.006 min
Lab File: VR026790.D
Acq: 4 Dec 2025 10:06

Tgt Ion: 41 Resp: 28395
Ion Ratio Lower Upper
41 100
69 74.8 60.6 90.8
39 64.0 48.2 72.2

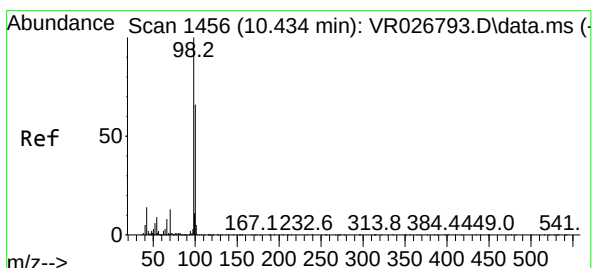
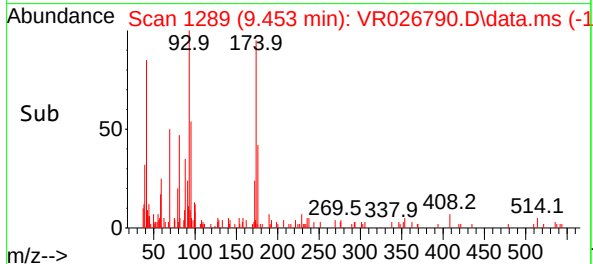
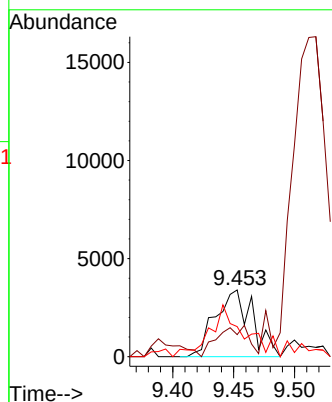
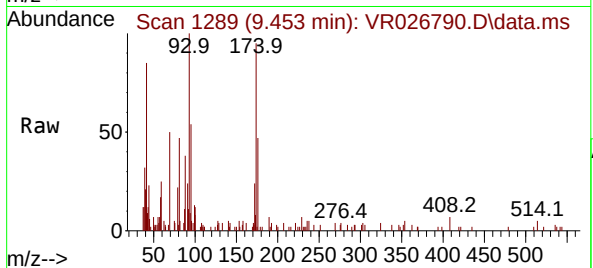




#49
1,4-Dioxane
Concen: 84.898 ug/l
RT: 9.453 min Scan# 11
Delta R.T. 0.006 min
Lab File: VR026790.D
Acq: 4 Dec 2025 10:06

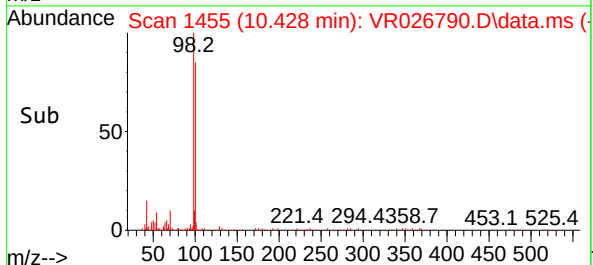
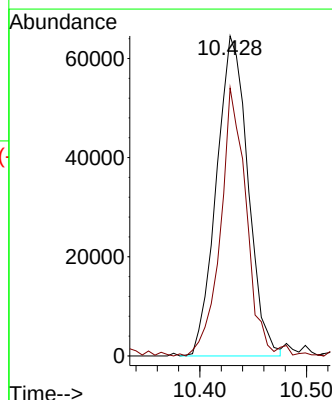
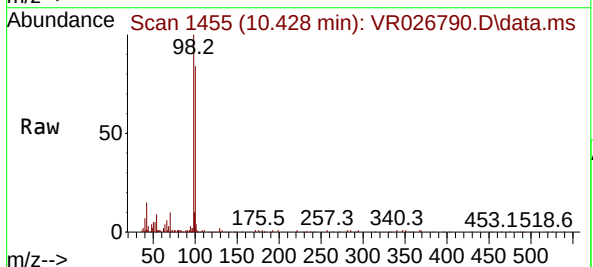
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC005

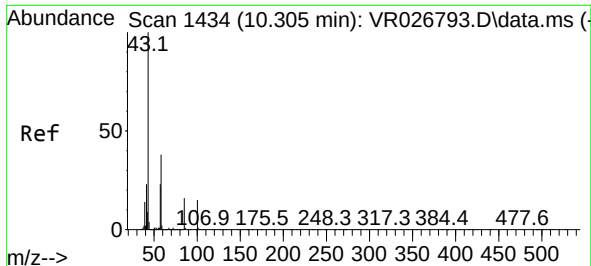
Tgt Ion: 88 Resp: 7233
Ion Ratio Lower Upper
88 100
43 38.2 14.1 21.1#
58 72.0 52.6 78.8



#50
Toluene-d8
Concen: 4.638 ug/l
RT: 10.428 min Scan# 1455
Delta R.T. -0.006 min
Lab File: VR026790.D
Acq: 4 Dec 2025 10:06

Tgt Ion: 98 Resp: 132439
Ion Ratio Lower Upper
98 100
100 67.9 53.8 80.6

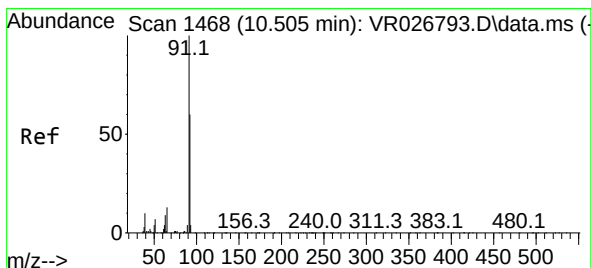
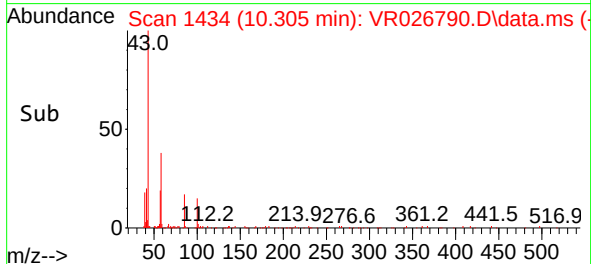
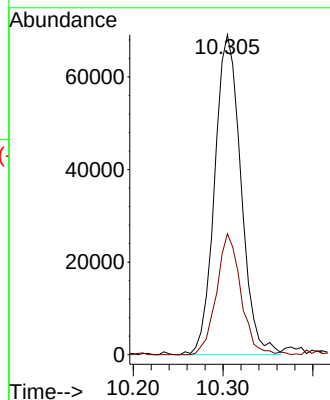
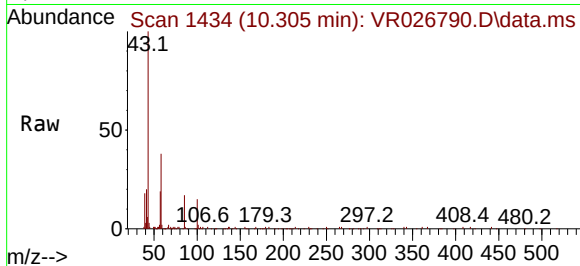




#51
4-Methyl-2-Pentanone
Concen: 22.464 ug/l
RT: 10.305 min Scan# 1434
Delta R.T. -0.000 min
Lab File: VR026790.D
Acq: 4 Dec 2025 10:06

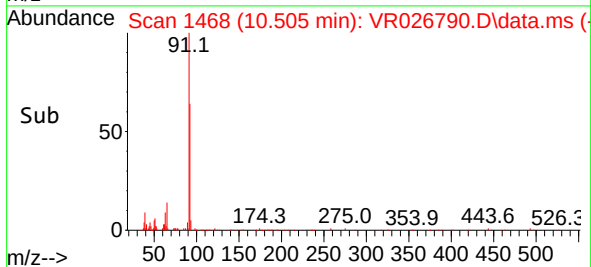
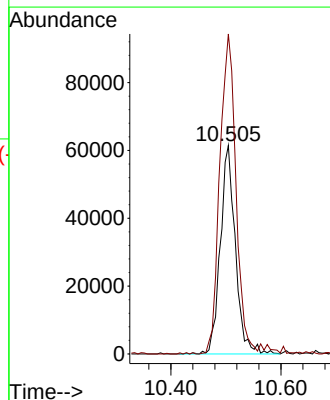
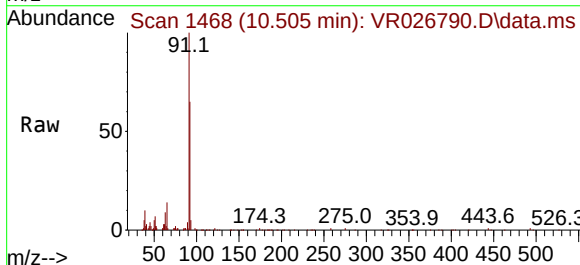
Instrument : MSVOA_R
ClientSampleId : VSTDIC005

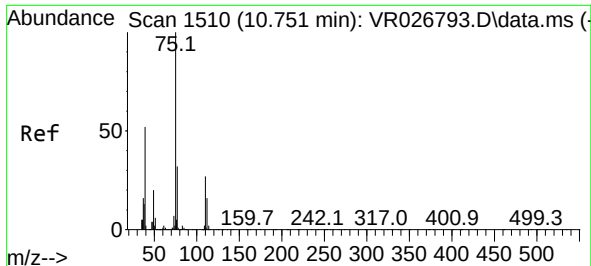
Tgt Ion: 43 Resp: 140379
Ion Ratio Lower Upper
43 100
58 35.0 31.1 46.7



#52
Toluene
Concen: 5.085 ug/l
RT: 10.505 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VR026790.D
Acq: 4 Dec 2025 10:06

Tgt Ion: 92 Resp: 116831
Ion Ratio Lower Upper
92 100
91 163.9 139.7 209.5

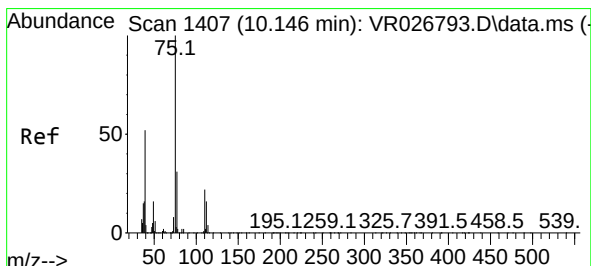
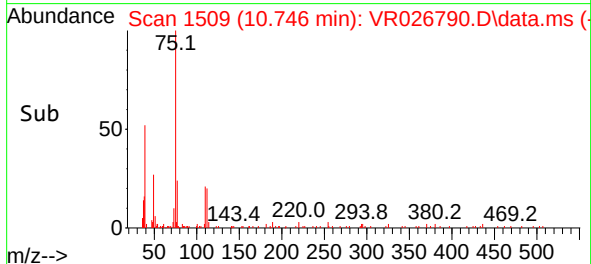
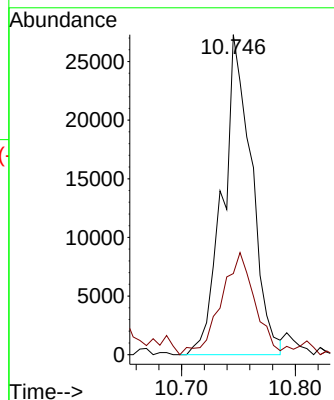
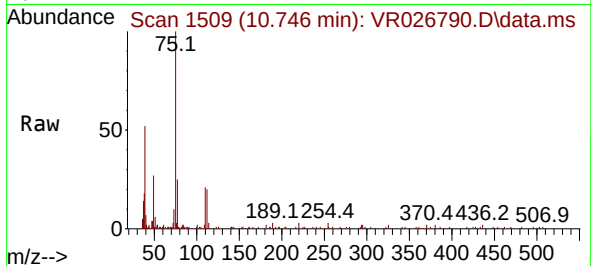




#53
t-1,3-Dichloropropene
Concen: 4.441 ug/l
RT: 10.746 min Scan# 11
Delta R.T. -0.005 min
Lab File: VR026790.D
Acq: 4 Dec 2025 10:06

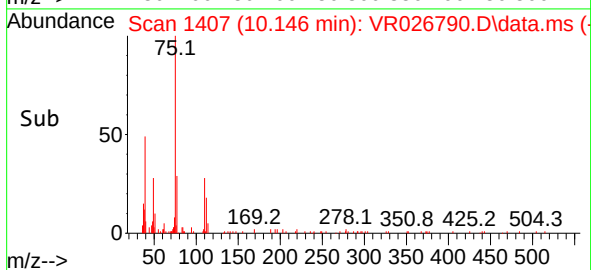
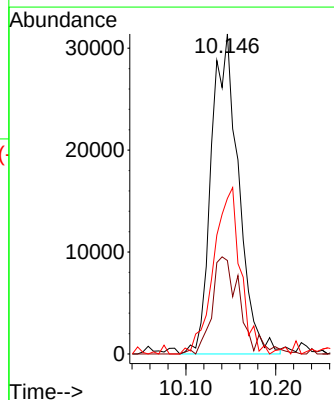
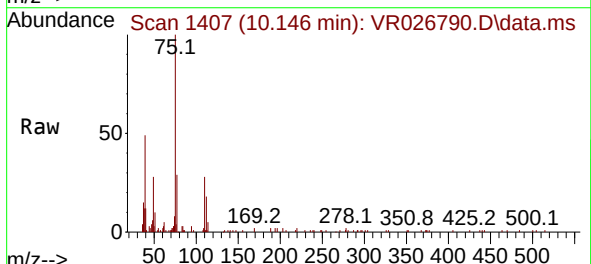
Instrument :
MSVOA_R
ClientSampleId :
VSTDICC005

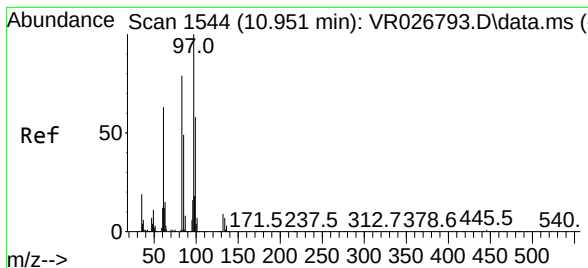
Tgt Ion: 75 Resp: 48139
Ion Ratio Lower Upper
75 100
77 25.4 25.6 38.4#



#54
cis-1,3-Dichloropropene
Concen: 5.086 ug/l
RT: 10.146 min Scan# 1407
Delta R.T. 0.000 min
Lab File: VR026790.D
Acq: 4 Dec 2025 10:06

Tgt Ion: 75 Resp: 65906
Ion Ratio Lower Upper
75 100
77 29.2 24.6 37.0
39 48.6 41.8 62.6

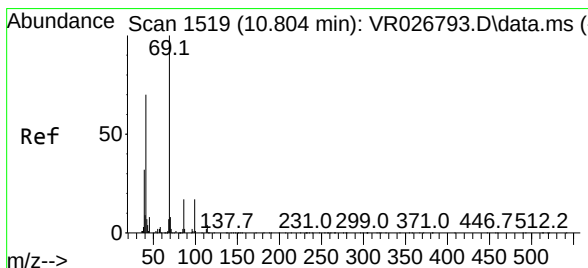
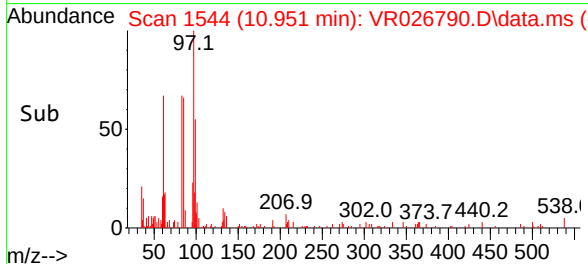
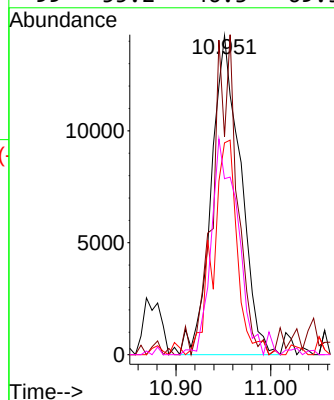
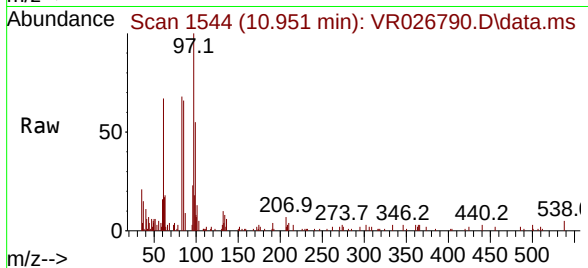




#55
1,1,2-Trichloroethane
Concen: 5.014 ug/l
RT: 10.951 min Scan# 1544
Delta R.T. 0.000 min
Lab File: VR026790.D
Acq: 4 Dec 2025 10:06

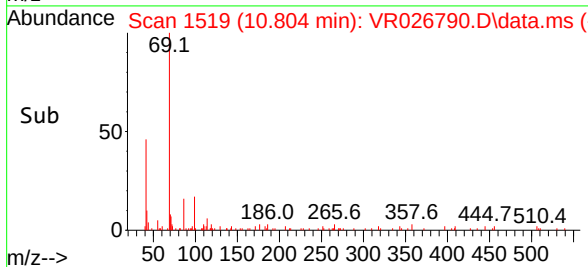
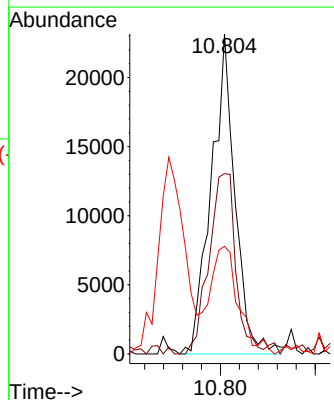
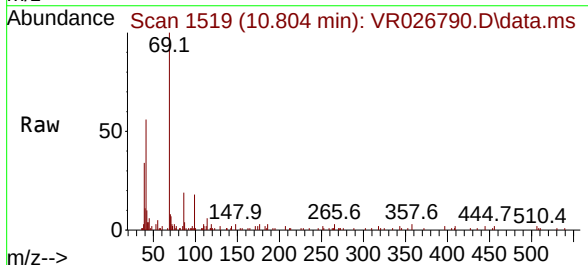
Instrument :
MSVOA_R
ClientSampleId :
VSTDICC005

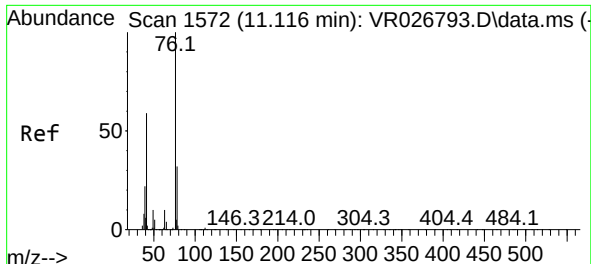
Tgt Ion: 97	Resp: 30475
Ion Ratio	Lower Upper
97 100	
83 68.4	63.4 95.2
85 66.4	39.2 58.8#
99 55.2	46.3 69.5



#56
Ethyl methacrylate
Concen: 4.498 ug/l
RT: 10.804 min Scan# 1519
Delta R.T. 0.000 min
Lab File: VR026790.D
Acq: 4 Dec 2025 10:06

Tgt Ion: 69	Resp: 40461
Ion Ratio	Lower Upper
69 100	
41 63.3	55.3 82.9
39 38.4	33.7 50.5





#57

1,3-Dichloropropane

Concen: 5.138 ug/l

RT: 11.116 min Scan# 1572

Delta R.T. -0.000 min

Lab File: VR026790.D

Acq: 4 Dec 2025 10:06

Instrument :

MSVOA_R

ClientSampleId :

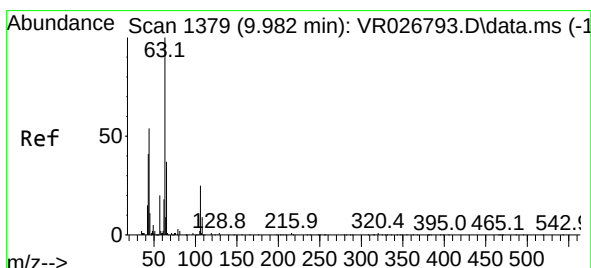
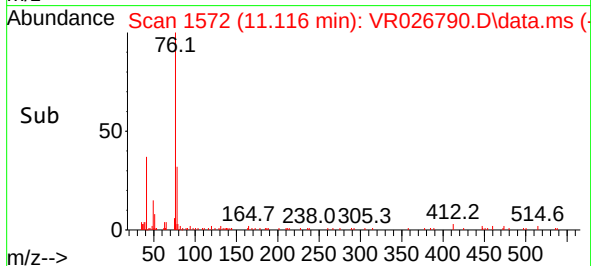
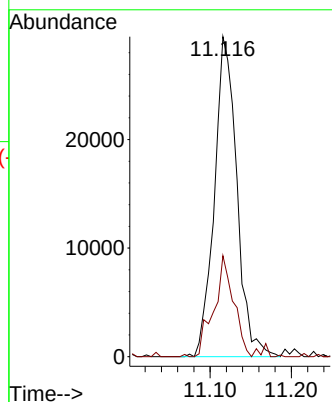
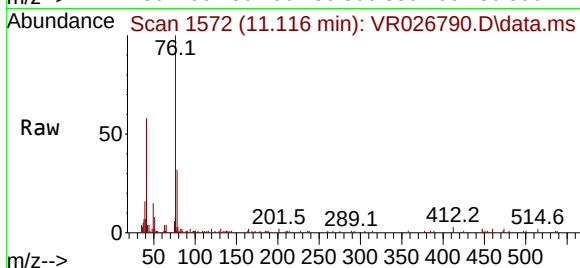
VSTDIC005

Tgt Ion: 76 Resp: 56660

Ion Ratio Lower Upper

76 100

78 27.7 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 18.011 ug/l m

RT: 9.982 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VR026790.D

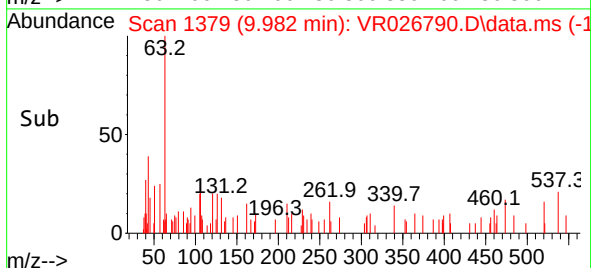
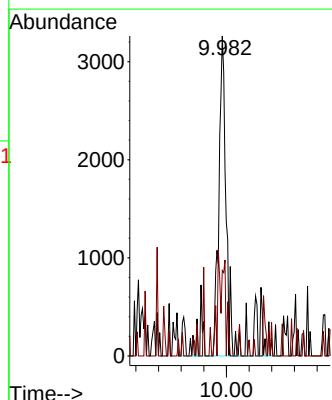
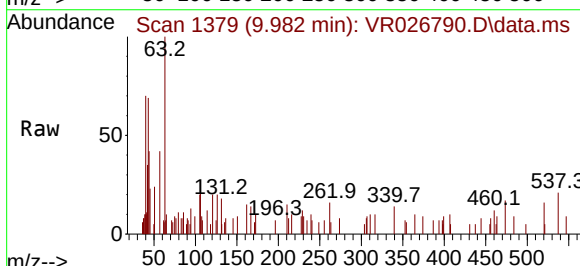
Acq: 4 Dec 2025 10:06

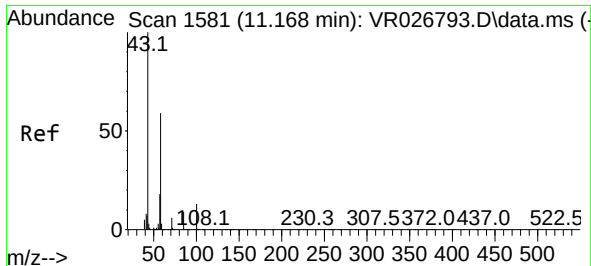
Tgt Ion: 63 Resp: 9759

Ion Ratio Lower Upper

63 100

106 0.9 23.7 35.5

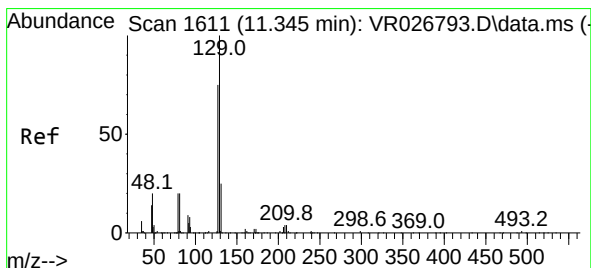
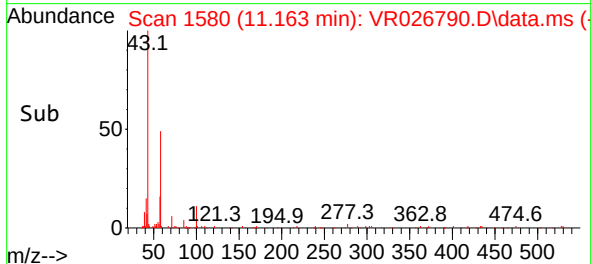
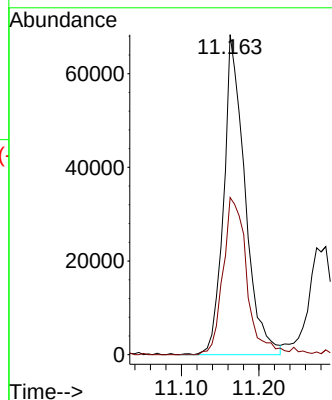
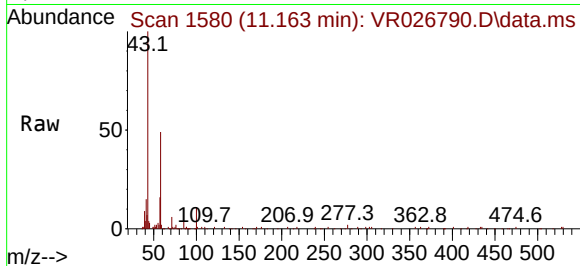




#59
2-Hexanone
Concen: 23.470 ug/l
RT: 11.163 min Scan# 1580
Delta R.T. -0.005 min
Lab File: VR026790.D
Acq: 4 Dec 2025 10:06

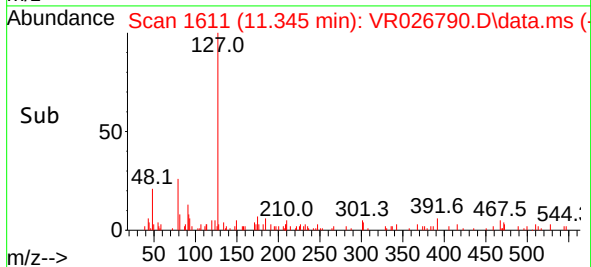
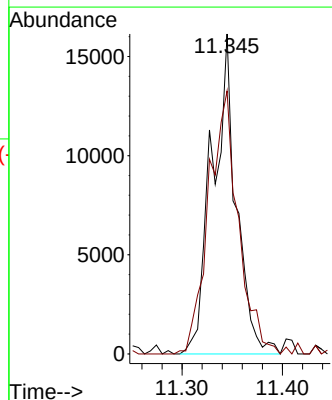
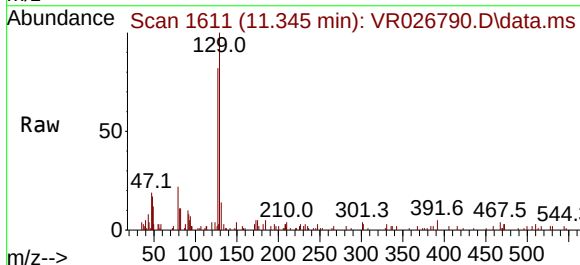
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC005

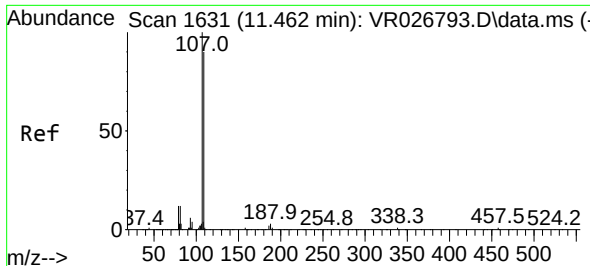
Tgt Ion: 43 Resp: 130084
Ion Ratio Lower Upper
43 100
58 54.9 27.1 81.2



#60
Dibromochloromethane
Concen: 4.119 ug/l
RT: 11.345 min Scan# 1611
Delta R.T. -0.000 min
Lab File: VR026790.D
Acq: 4 Dec 2025 10:06

Tgt Ion:129 Resp: 27068
Ion Ratio Lower Upper
129 100
127 100.2 40.6 121.8

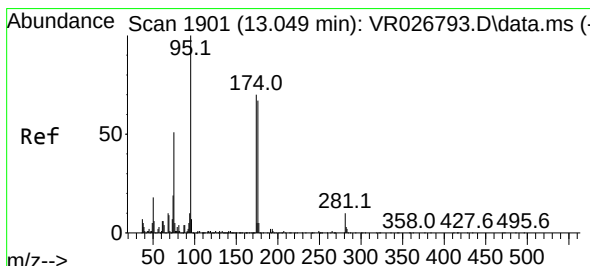
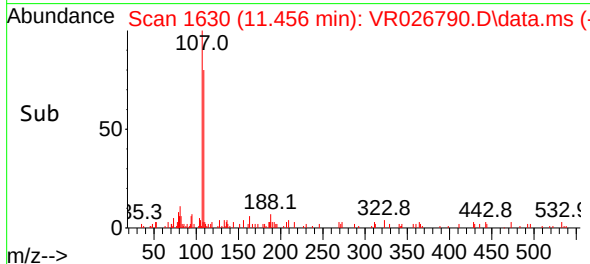
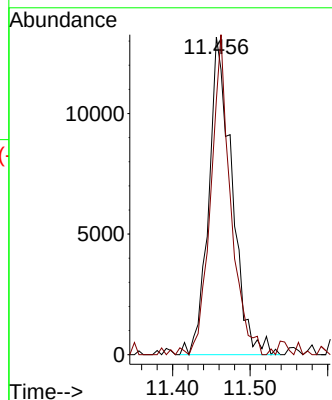
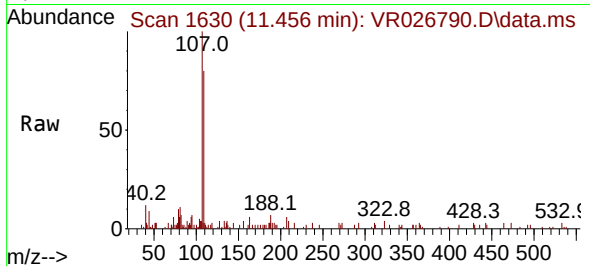




#61
1,2-Dibromoethane
Concen: 4.803 ug/l
RT: 11.456 min Scan# 1630
Delta R.T. -0.006 min
Lab File: VR026790.D
Acq: 4 Dec 2025 10:06

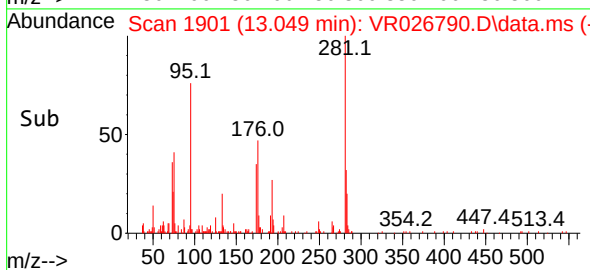
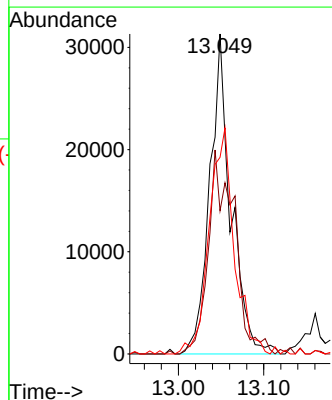
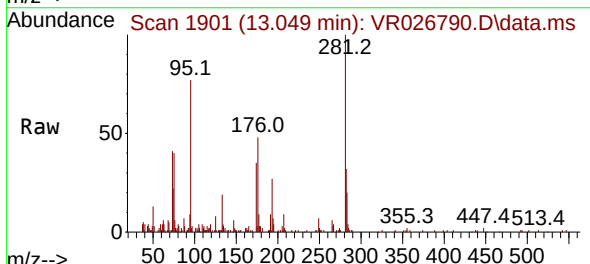
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC005

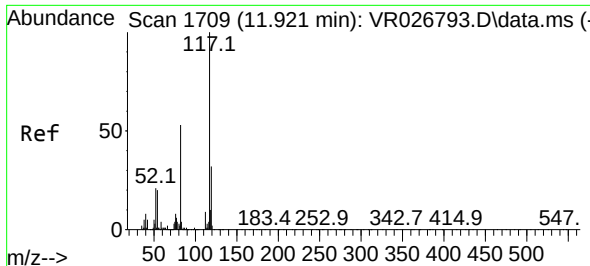
Tgt Ion:107 Resp: 27489
Ion Ratio Lower Upper
107 100
109 85.9 76.7 115.1



#62
4-Bromofluorobenzene
Concen: 4.962 ug/l
RT: 13.049 min Scan# 1901
Delta R.T. -0.000 min
Lab File: VR026790.D
Acq: 4 Dec 2025 10:06

Tgt Ion: 95 Resp: 54468
Ion Ratio Lower Upper
95 100
174 78.4 0.0 145.6
176 82.5 0.0 140.6

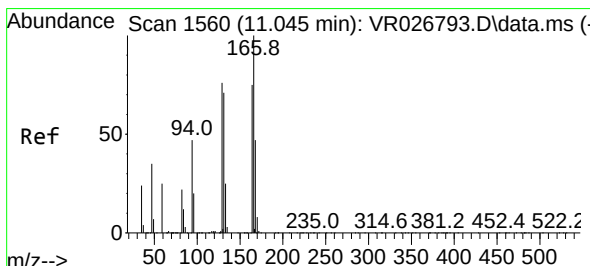
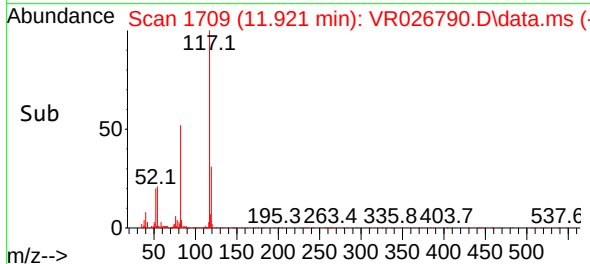
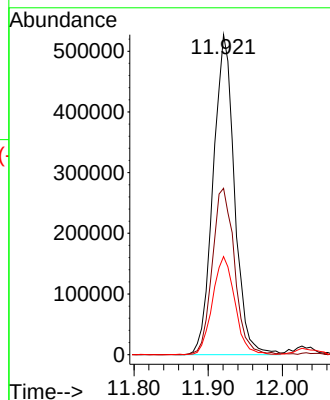
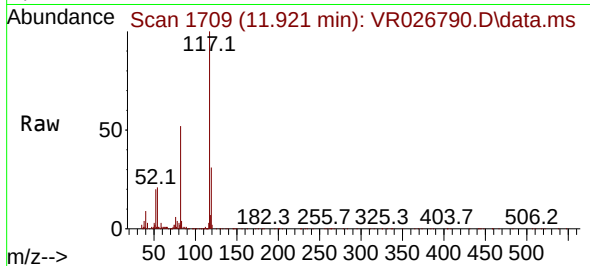




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.921 min Scan# 11
Delta R.T. -0.000 min
Lab File: VR026790.D
Acq: 4 Dec 2025 10:06

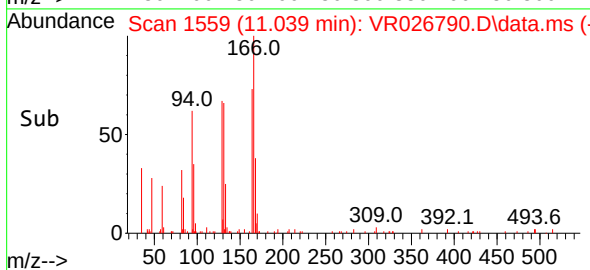
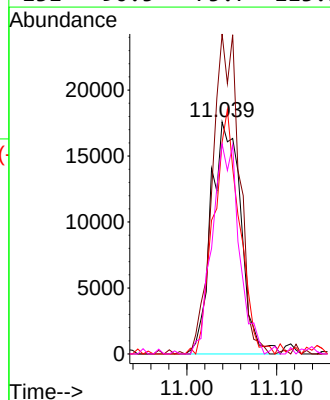
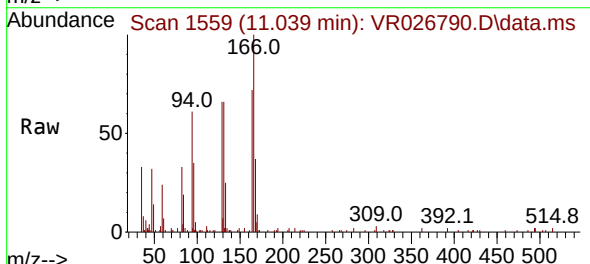
Instrument :
MSVOA_R
ClientSampleId :
VSTDICC005

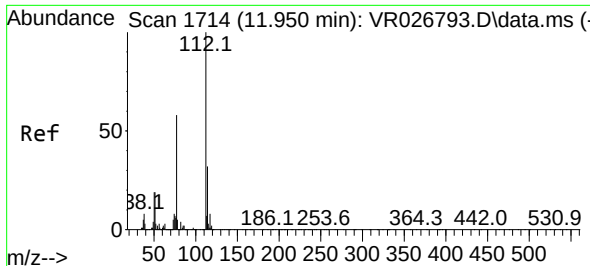
Tgt Ion:117 Resp: 1054522
Ion Ratio Lower Upper
117 100
82 52.0 42.3 63.5
119 30.5 25.8 38.6



#64
Tetrachloroethene
Concen: 5.523 ug/l
RT: 11.039 min Scan# 1559
Delta R.T. -0.006 min
Lab File: VR026790.D
Acq: 4 Dec 2025 10:06

Tgt Ion:164 Resp: 40325
Ion Ratio Lower Upper
164 100
166 136.9 106.5 159.7
129 91.3 81.1 121.7
131 90.5 75.7 113.5

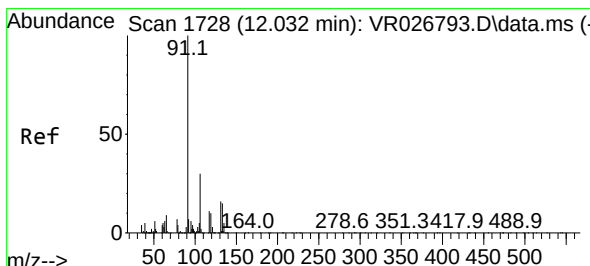
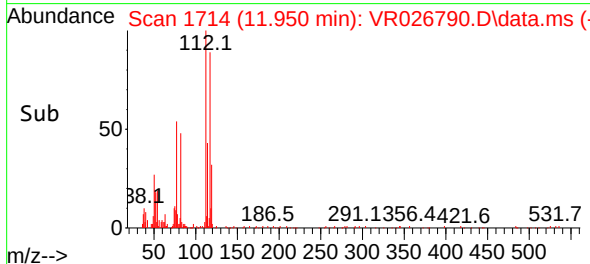
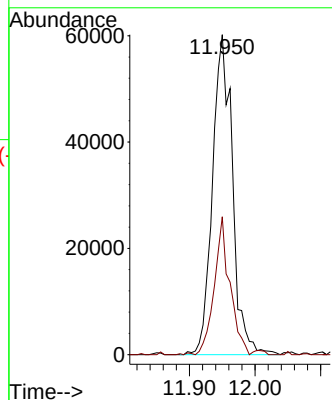
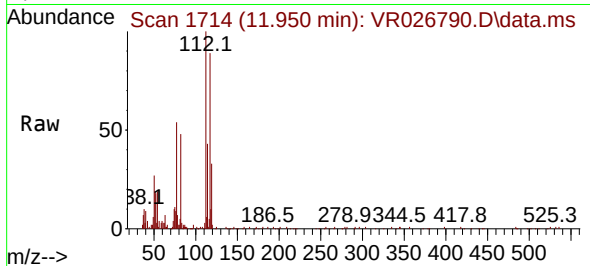




#65
Chlorobenzene
Concen: 4.915 ug/l
RT: 11.950 min Scan# 1714
Delta R.T. 0.000 min
Lab File: VR026790.D
Acq: 4 Dec 2025 10:06

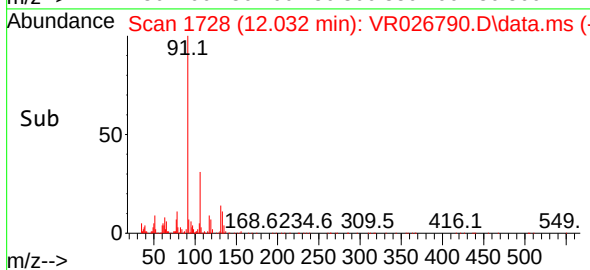
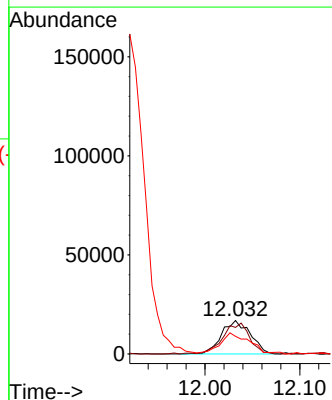
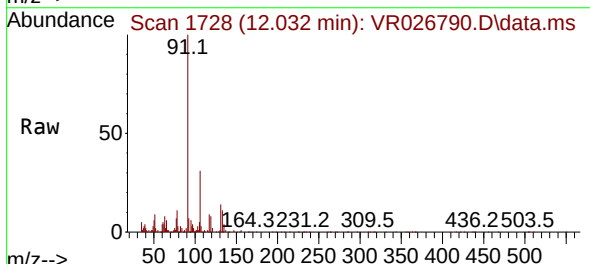
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC005

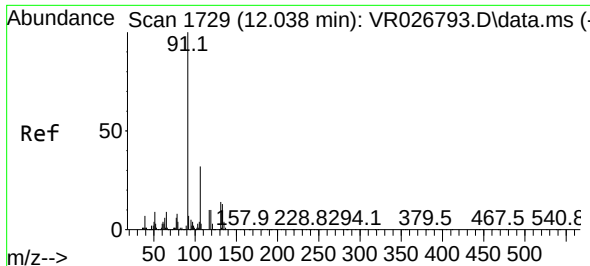
Tgt Ion:112 Resp: 126820
Ion Ratio Lower Upper
112 100
114 43.1 25.3 37.9#



#66
1,1,1,2-Tetrachloroethane
Concen: 5.071 ug/l
RT: 12.032 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VR026790.D
Acq: 4 Dec 2025 10:06

Tgt Ion:131 Resp: 35728
Ion Ratio Lower Upper
131 100
133 85.6 47.0 141.2
119 63.8 34.9 104.7

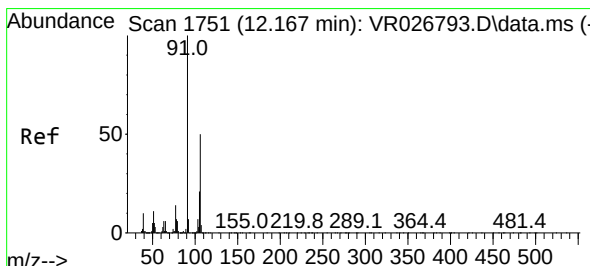
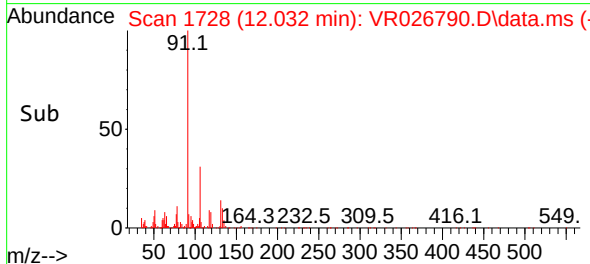
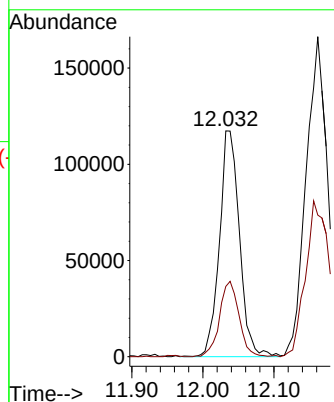
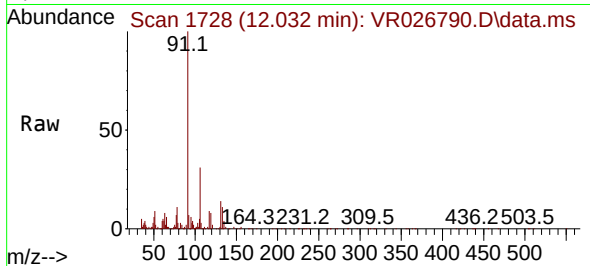




#67
Ethyl Benzene
Concen: 4.940 ug/l
RT: 12.032 min Scan# 1729
Delta R.T. -0.006 min
Lab File: VR026790.D
Acq: 4 Dec 2025 10:06

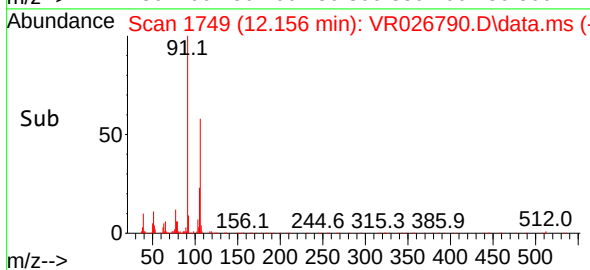
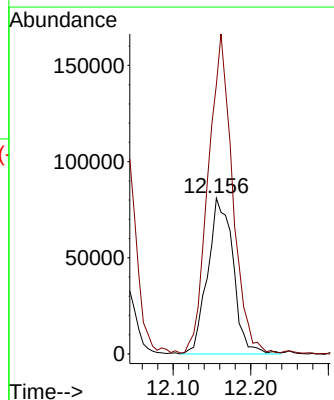
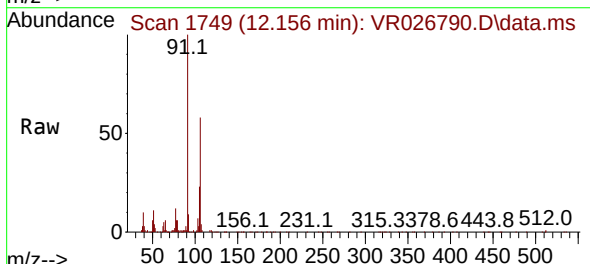
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC005

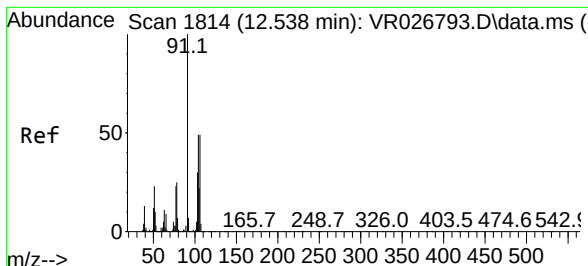
Tgt Ion: 91 Resp: 229250
Ion Ratio Lower Upper
91 100
106 31.1 25.2 37.8



#68
m/p-Xylenes
Concen: 10.171 ug/l
RT: 12.156 min Scan# 1749
Delta R.T. -0.011 min
Lab File: VR026790.D
Acq: 4 Dec 2025 10:06

Tgt Ion: 106 Resp: 184694
Ion Ratio Lower Upper
106 100
91 194.9 159.2 238.8





#69

o-Xylene

Concen: 4.839 ug/l

RT: 12.532 min Scan# 1813

Delta R.T. -0.006 min

Lab File: VR026790.D

Acq: 4 Dec 2025 10:06

Instrument :

MSVOA_R

ClientSampleId :

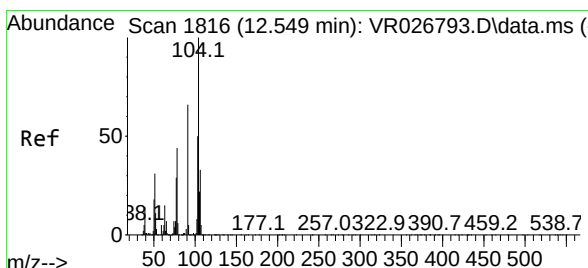
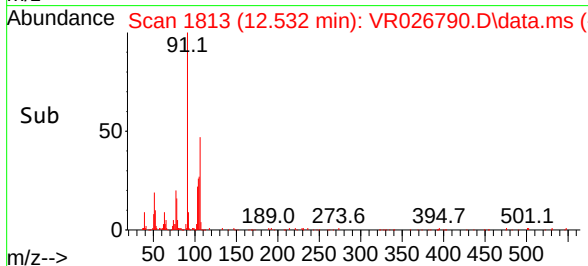
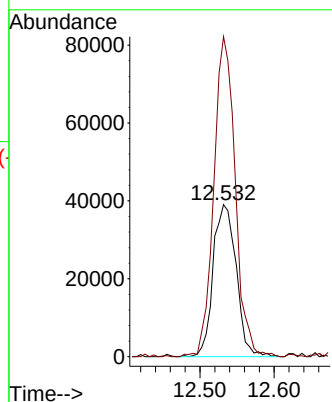
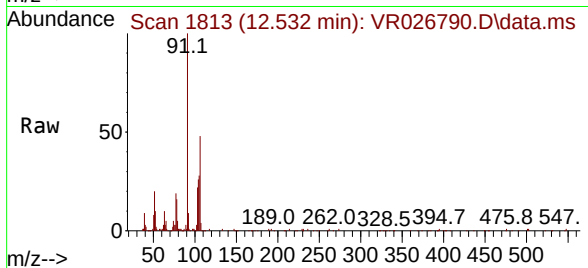
VSTDIC005

Tgt Ion:106 Resp: 84505

Ion Ratio Lower Upper

106 100

91 195.3 102.5 307.4



#70

Styrene

Concen: 4.593 ug/l

RT: 12.543 min Scan# 1815

Delta R.T. -0.006 min

Lab File: VR026790.D

Acq: 4 Dec 2025 10:06

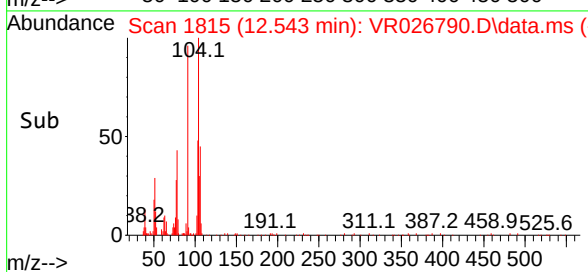
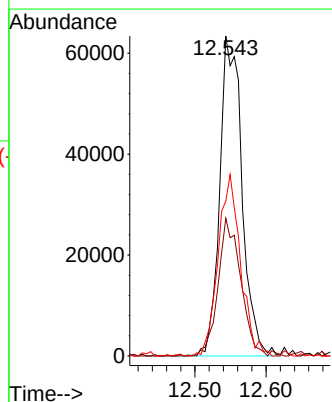
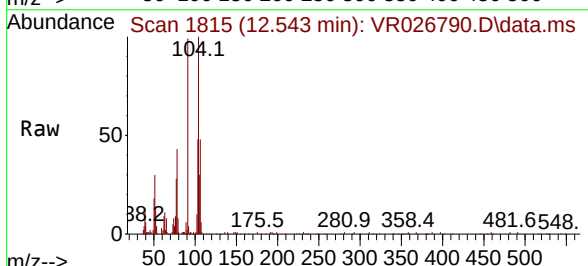
Tgt Ion:104 Resp: 137430

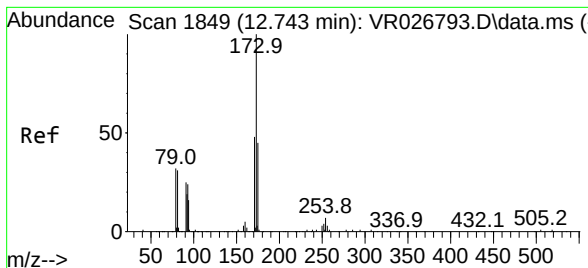
Ion Ratio Lower Upper

104 100

78 43.7 37.8 56.8

103 57.2 43.3 64.9





#71

Bromoform

Concen: 4.504 ug/l

RT: 12.737 min Scan# 1848

Delta R.T. -0.006 min

Lab File: VR026790.D

Acq: 4 Dec 2025 10:06

Instrument :

MSVOA_R

ClientSampleId :

VSTDIC005

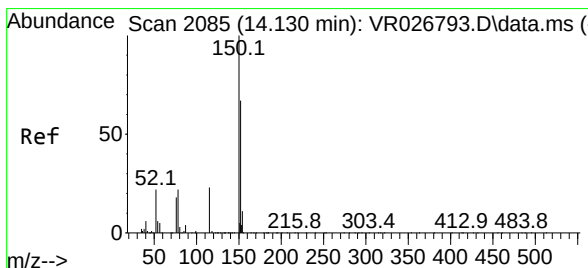
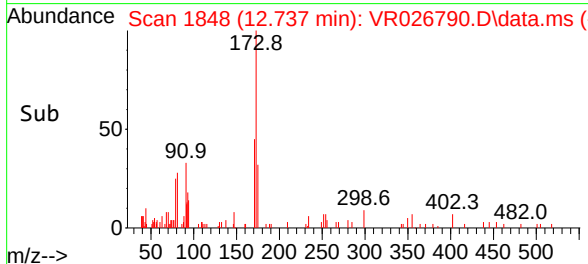
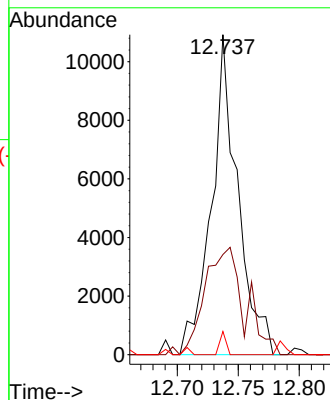
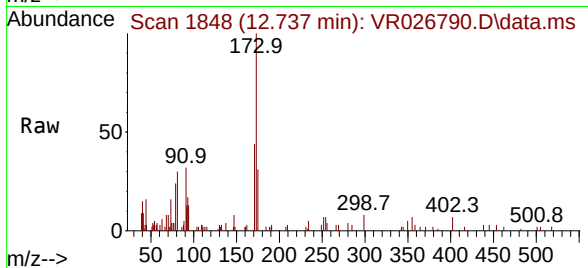
Tgt Ion:173 Resp: 16389

Ion Ratio Lower Upper

173 100

175 51.1 24.9 74.8

254 1.7 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.124 min Scan# 2084

Delta R.T. -0.006 min

Lab File: VR026790.D

Acq: 4 Dec 2025 10:06

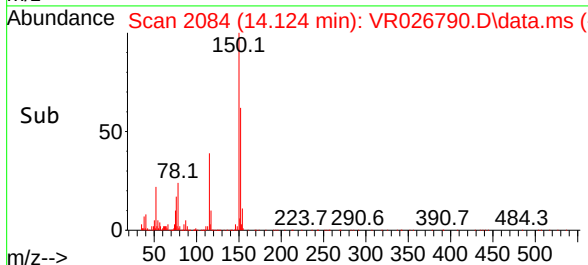
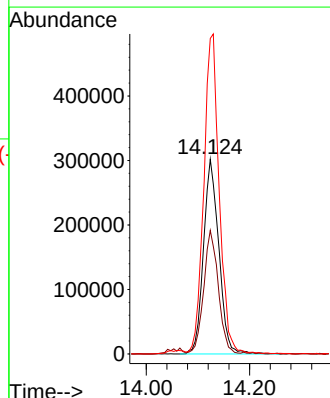
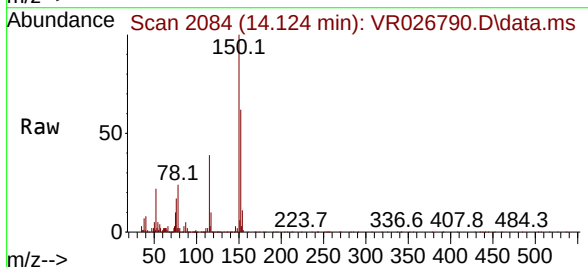
Tgt Ion:152 Resp: 621988

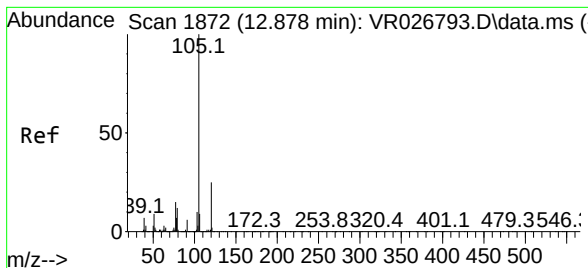
Ion Ratio Lower Upper

152 100

115 59.8 29.0 87.1

150 165.0 0.0 345.6





#73

Isopropylbenzene

Concen: 5.052 ug/l

RT: 12.878 min Scan# 1872

Delta R.T. 0.000 min

Lab File: VR026790.D

Acq: 4 Dec 2025 10:06

Instrument :

MSVOA_R

ClientSampleId :

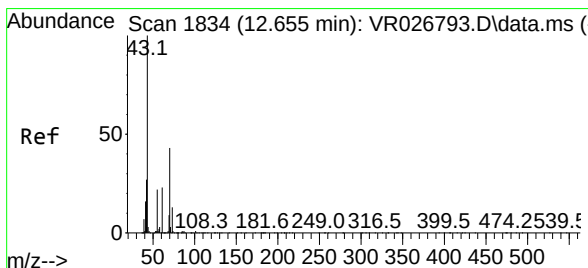
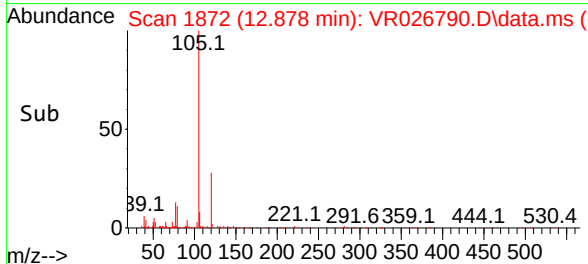
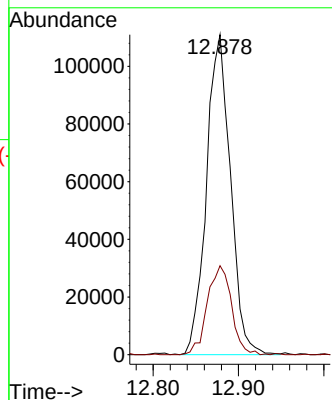
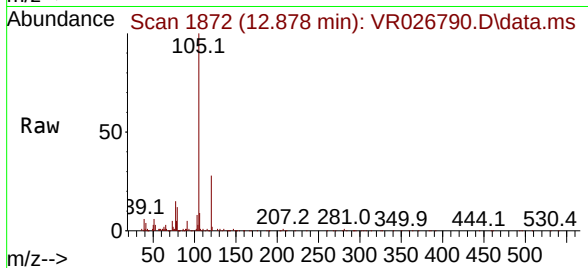
VSTDIC005

Tgt Ion:105 Resp: 217181

Ion Ratio Lower Upper

105 100

120 27.9 13.4 40.1



#74

N-ethyl acetate

Concen: 4.222 ug/l

RT: 12.655 min Scan# 1834

Delta R.T. 0.000 min

Lab File: VR026790.D

Acq: 4 Dec 2025 10:06

Tgt Ion: 43 Resp: 49681

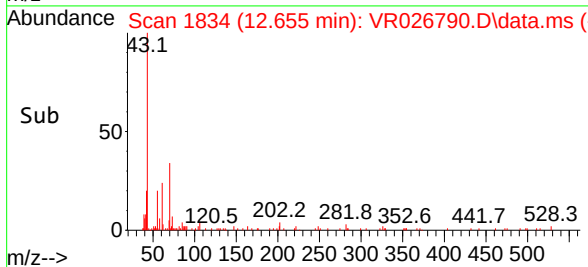
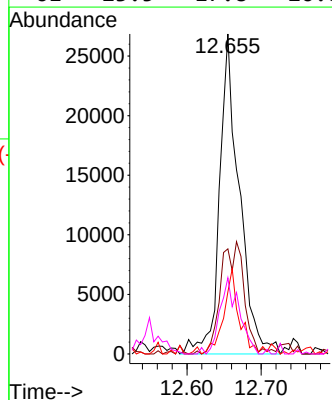
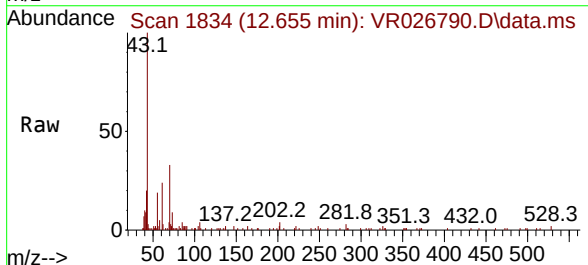
Ion Ratio Lower Upper

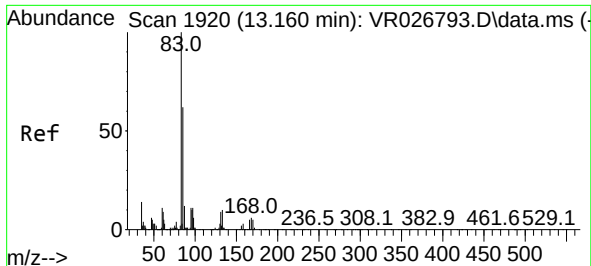
43 100

70 41.2 32.6 49.0

55 20.6 17.8 26.8

61 23.5 17.8 26.8

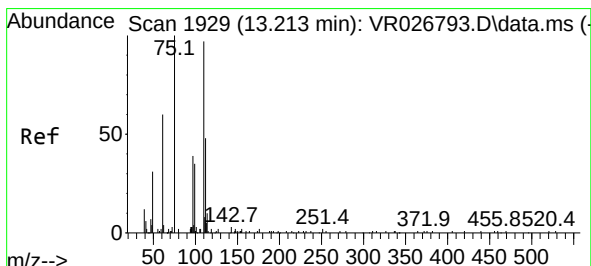
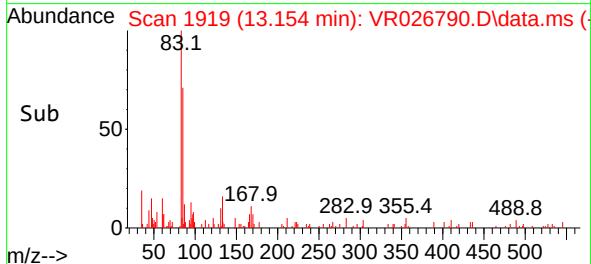
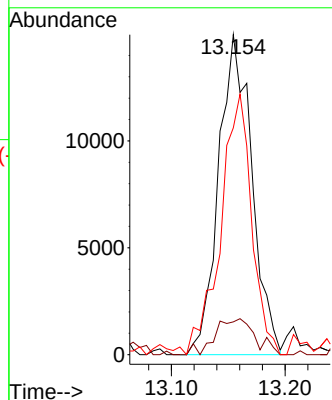
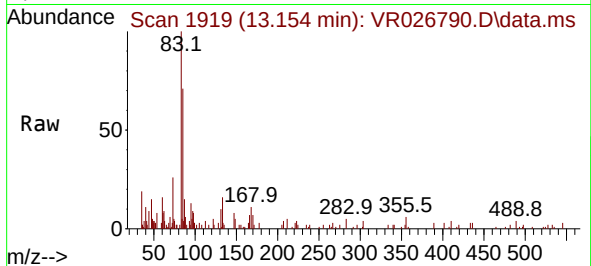




#75
1,1,2,2-Tetrachloroethane
Concen: 4.182 ug/l
RT: 13.154 min Scan# 1919
Delta R.T. -0.006 min
Lab File: VR026790.D
Acq: 4 Dec 2025 10:06

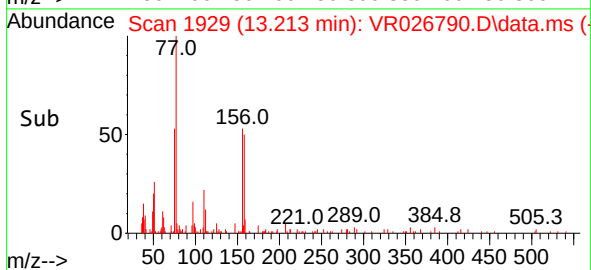
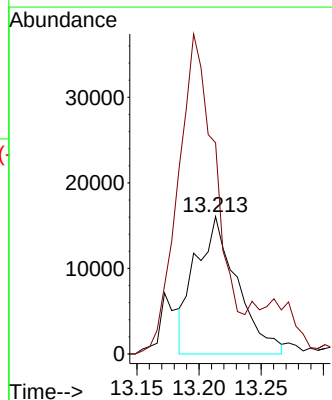
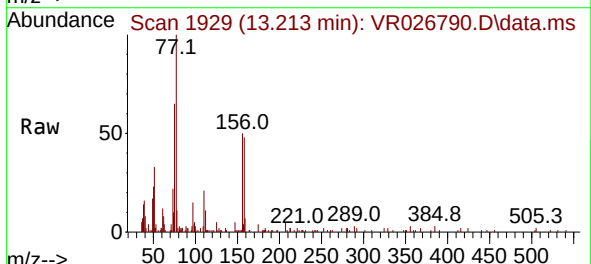
Instrument :
MSVOA_R
ClientSampleId :
VSTDICC005

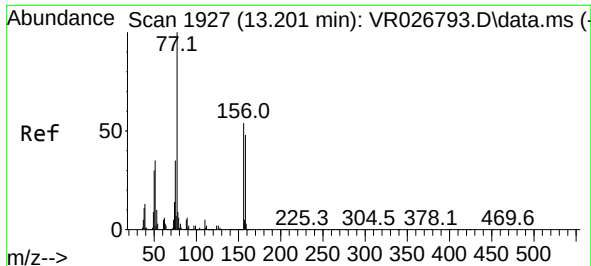
Tgt Ion: 83 Resp: 30373
Ion Ratio Lower Upper
83 100
131 13.6 4.5 13.5#
85 76.3 31.1 93.2



#76
1,2,3-Trichloropropane
Concen: 5.845 ug/l m
RT: 13.213 min Scan# 1929
Delta R.T. 0.000 min
Lab File: VR026790.D
Acq: 4 Dec 2025 10:06

Tgt Ion: 75 Resp: 37367
Ion Ratio Lower Upper
75 100
77 214.8 132.3 397.0

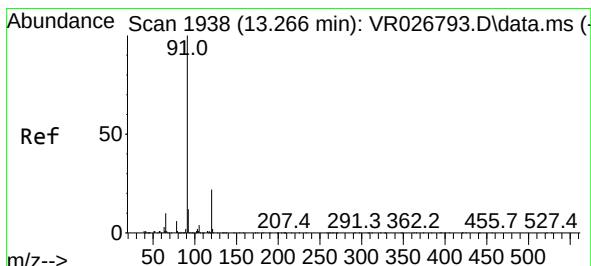
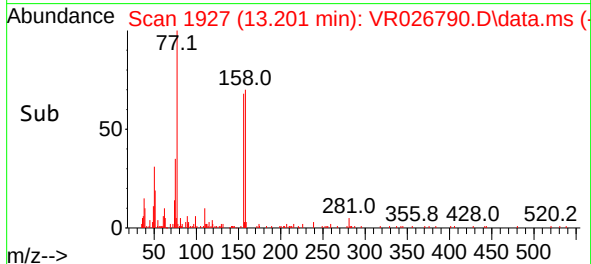
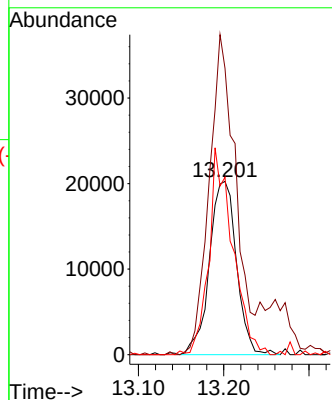
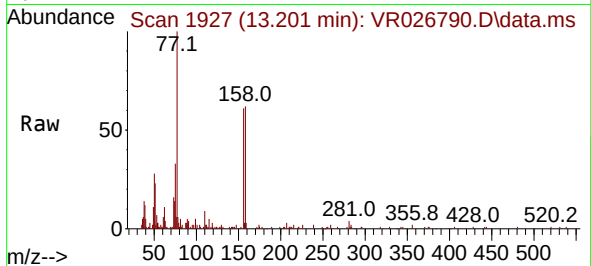




#77
Bromobenzene
Concen: 4.854 ug/l
RT: 13.201 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VR026790.D
Acq: 4 Dec 2025 10:06

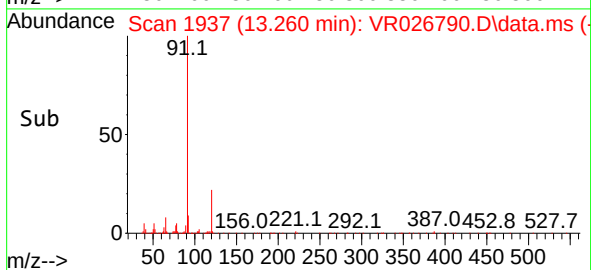
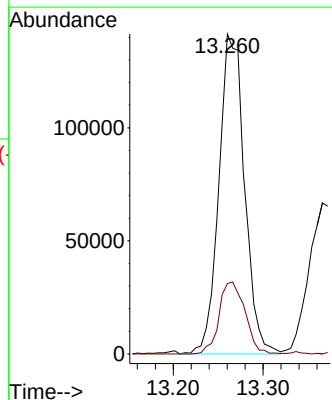
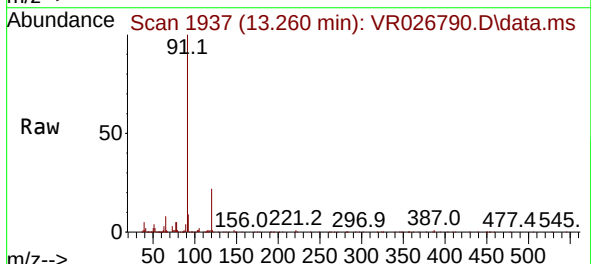
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC005

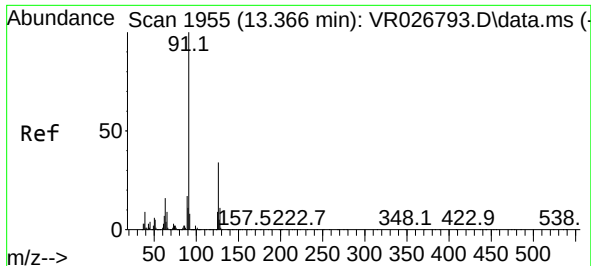
Tgt Ion:156 Resp: 44625
Ion Ratio Lower Upper
156 100
77 179.9 102.8 308.5
158 105.2 47.4 142.2



#78
n-propylbenzene
Concen: 5.058 ug/l
RT: 13.260 min Scan# 1937
Delta R.T. -0.006 min
Lab File: VR026790.D
Acq: 4 Dec 2025 10:06

Tgt Ion: 91 Resp: 280006
Ion Ratio Lower Upper
91 100
120 22.8 11.1 33.1

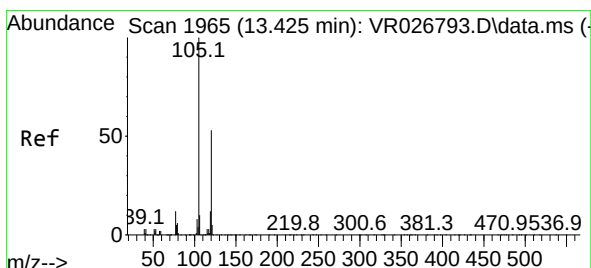
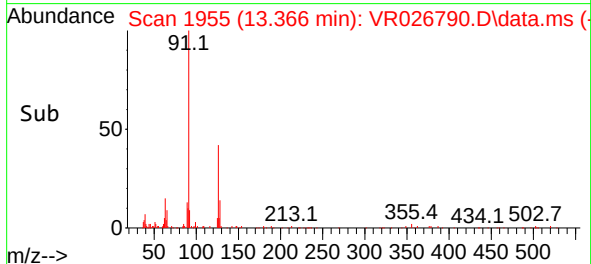
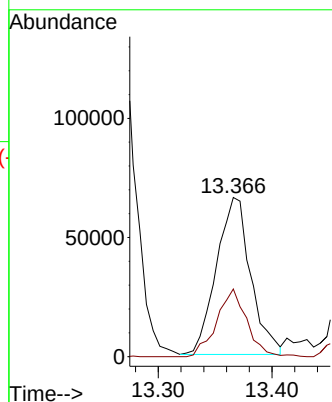
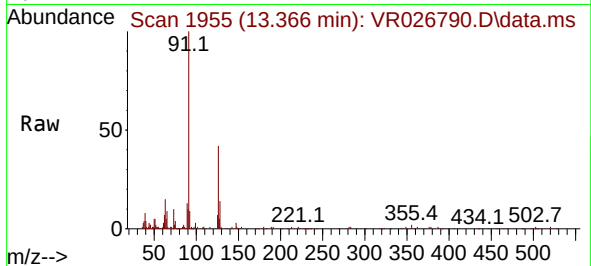




#79
2-Chlorotoluene
Concen: 4.594 ug/l
RT: 13.366 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VR026790.D
Acq: 4 Dec 2025 10:06

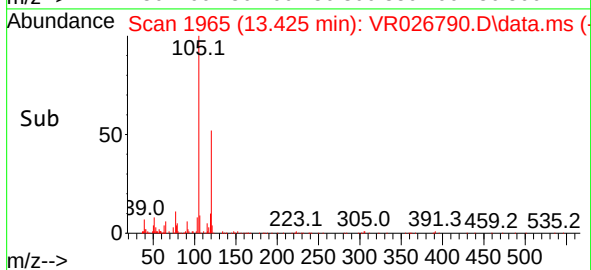
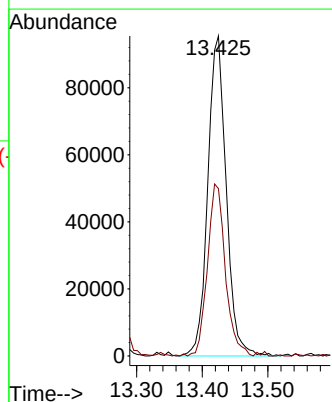
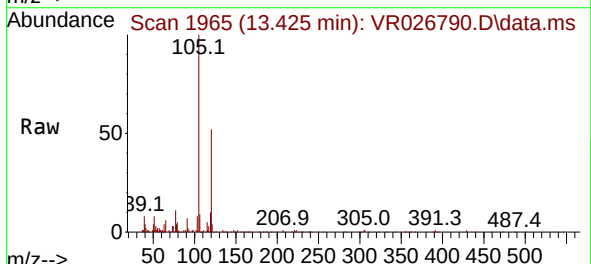
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC005

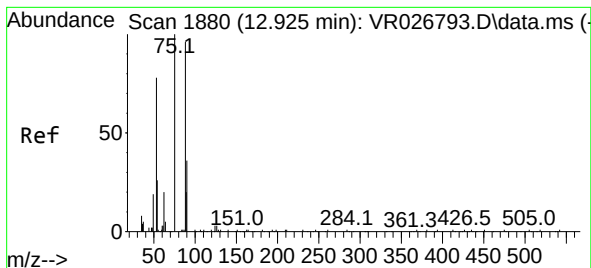
Tgt Ion: 91 Resp: 137600
Ion Ratio Lower Upper
91 100
126 38.2 17.3 52.0



#80
1,3,5-Trimethylbenzene
Concen: 4.953 ug/l
RT: 13.425 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VR026790.D
Acq: 4 Dec 2025 10:06

Tgt Ion: 105 Resp: 185970
Ion Ratio Lower Upper
105 100
120 52.4 25.2 75.6

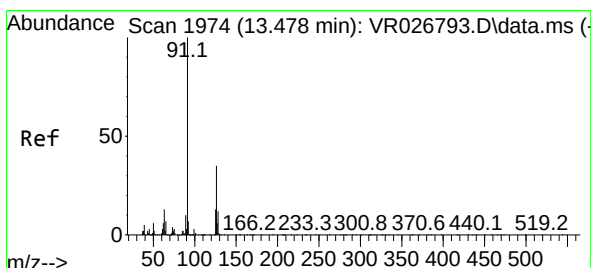
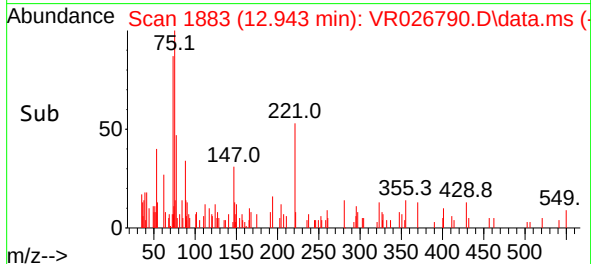
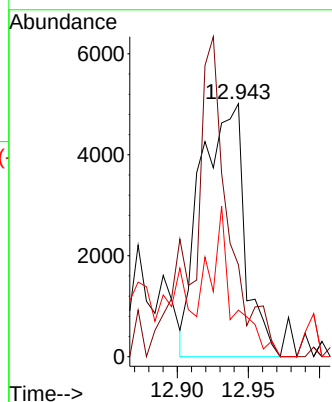
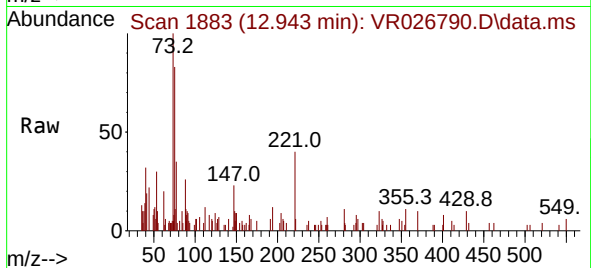




#81
trans-1,4-Dichloro-2-butene
Concen: 4.297 ug/l
RT: 12.943 min Scan# 1883
Delta R.T. 0.018 min
Lab File: VR026790.D
Acq: 4 Dec 2025 10:06

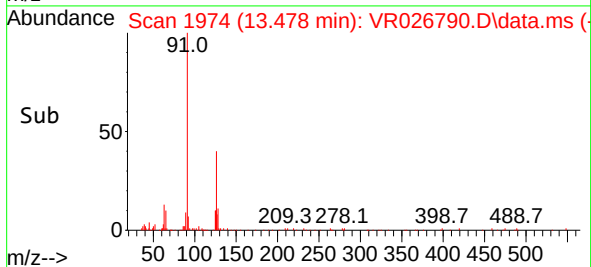
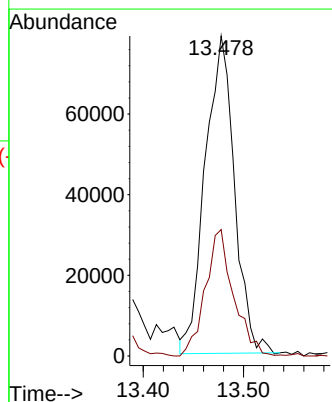
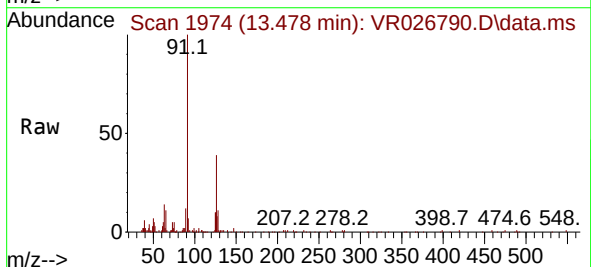
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC005

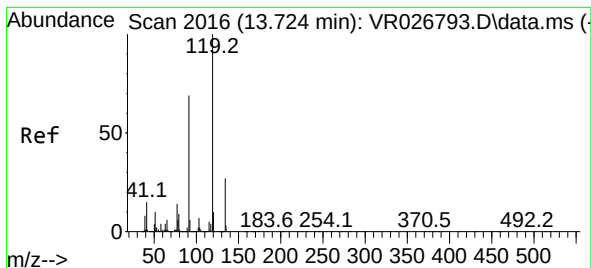
Tgt Ion: 75 Resp: 10763
Ion Ratio Lower Upper
75 100
53 99.8 74.3 111.5
89 32.1 35.9 53.9#



#82
4-Chlorotoluene
Concen: 4.894 ug/l
RT: 13.478 min Scan# 1974
Delta R.T. -0.000 min
Lab File: VR026790.D
Acq: 4 Dec 2025 10:06

Tgt Ion: 91 Resp: 159275
Ion Ratio Lower Upper
91 100
126 38.4 16.7 50.0





#83

tert-Butylbenzene

Concen: 4.823 ug/l

RT: 13.730 min Scan# 2016

Delta R.T. 0.006 min

Lab File: VR026790.D

Acq: 4 Dec 2025 10:06

Instrument :

MSVOA_R

ClientSampleId :

VSTDIC005

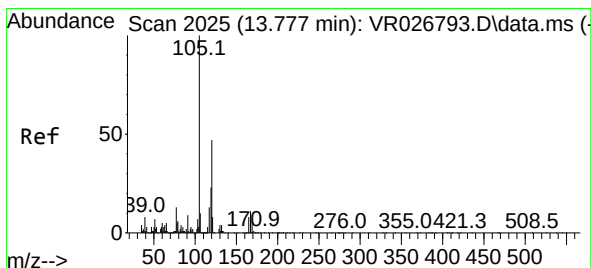
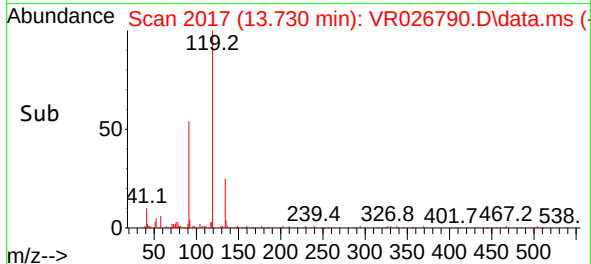
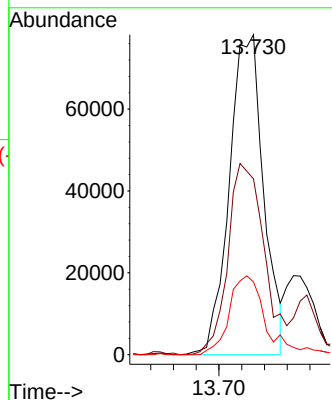
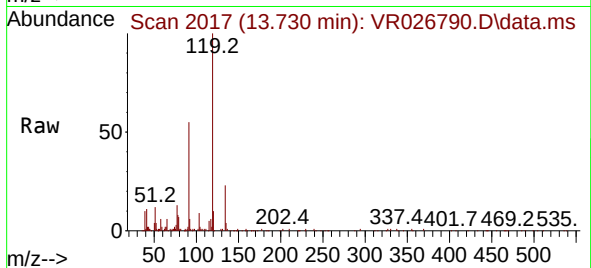
Tgt Ion:119 Resp: 163201

Ion Ratio Lower Upper

119 100

91 63.6 32.8 98.3

134 26.5 13.7 41.0



#84

1,2,4-Trimethylbenzene

Concen: 4.824 ug/l

RT: 13.771 min Scan# 2024

Delta R.T. -0.006 min

Lab File: VR026790.D

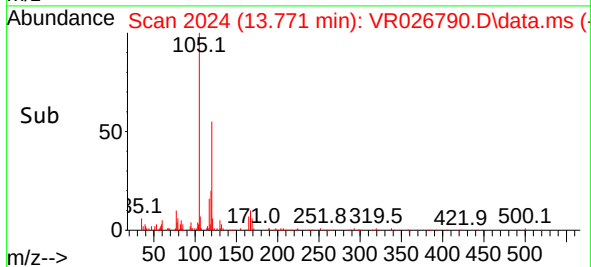
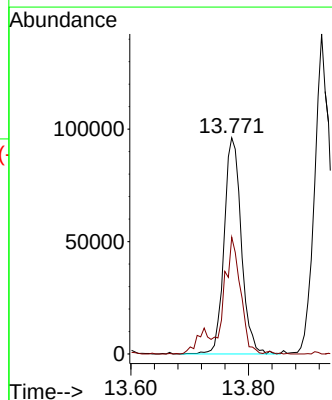
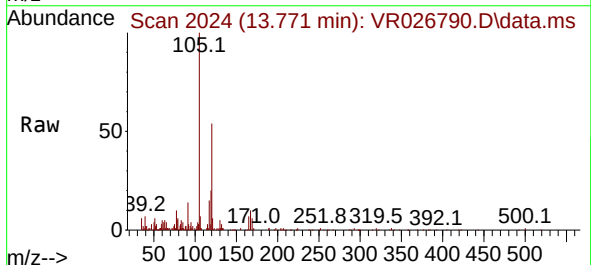
Acq: 4 Dec 2025 10:06

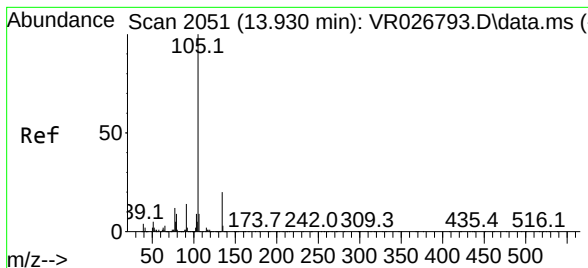
Tgt Ion:105 Resp: 194431

Ion Ratio Lower Upper

105 100

120 49.8 23.7 71.1

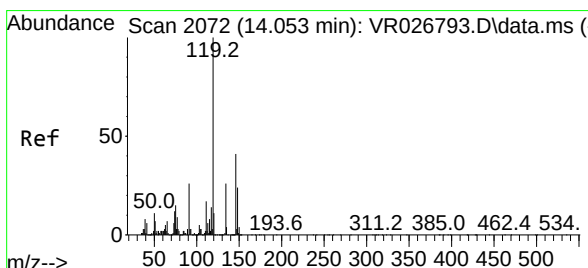
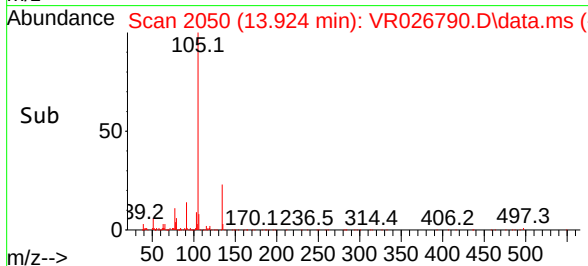
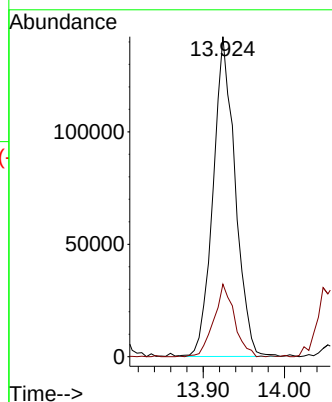
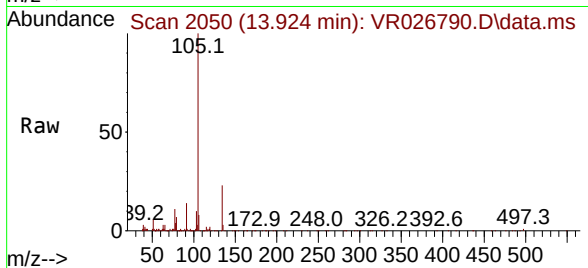




#85
 sec-Butylbenzene
 Concen: 5.036 ug/l
 RT: 13.924 min Scan# 2050
 Delta R.T. -0.006 min
 Lab File: VR026790.D
 Acq: 4 Dec 2025 10:06

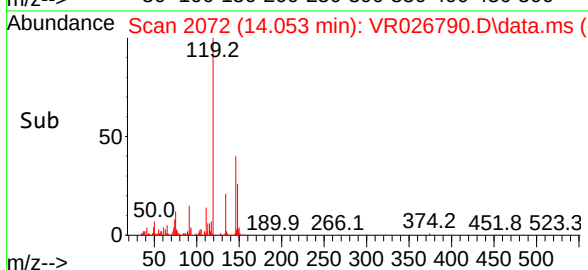
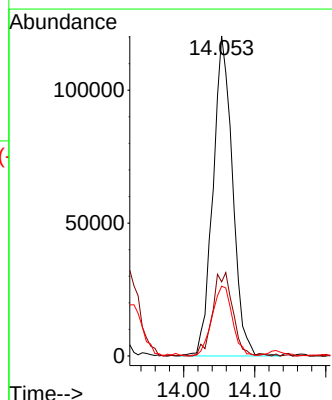
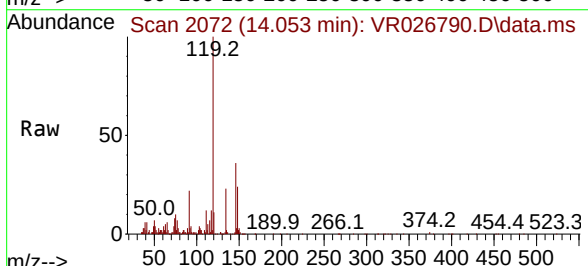
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDIC005

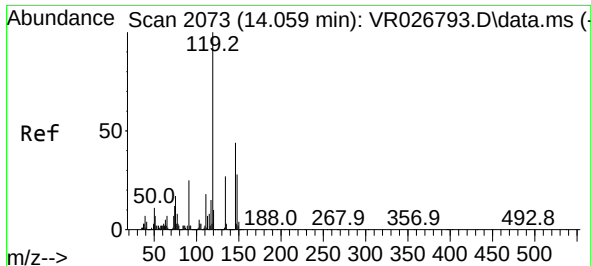
Tgt Ion:105 Resp: 268685
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 4.891 ug/l
 RT: 14.053 min Scan# 2072
 Delta R.T. 0.000 min
 Lab File: VR026790.D
 Acq: 4 Dec 2025 10:06

Tgt Ion:119 Resp: 229824
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.3 39.9
 91 22.8 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 4.961 ug/l

RT: 14.059 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VR026790.D

Acq: 4 Dec 2025 10:06

Instrument :

MSVOA_R

ClientSampleId :

VSTDIC005

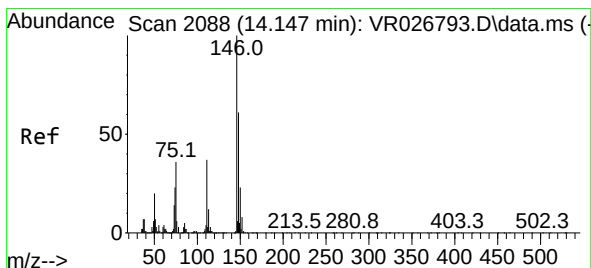
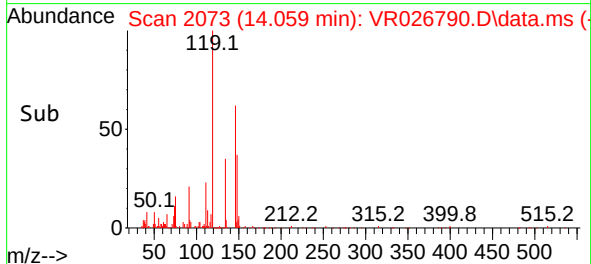
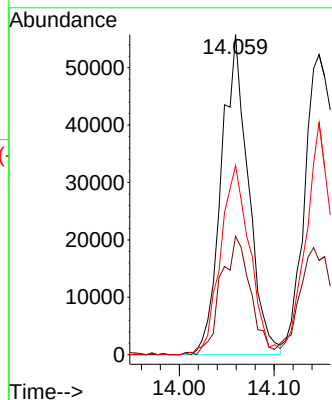
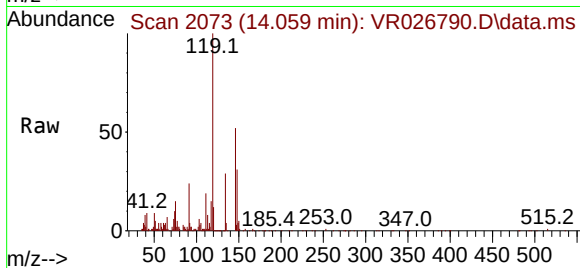
Tgt Ion:146 Resp: 110358

Ion Ratio Lower Upper

146 100

111 40.1 20.8 62.2

148 64.1 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 5.052 ug/l

RT: 14.147 min Scan# 2088

Delta R.T. 0.000 min

Lab File: VR026790.D

Acq: 4 Dec 2025 10:06

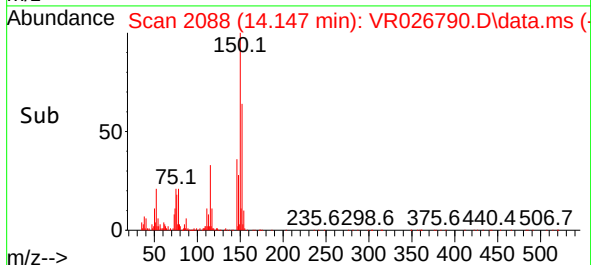
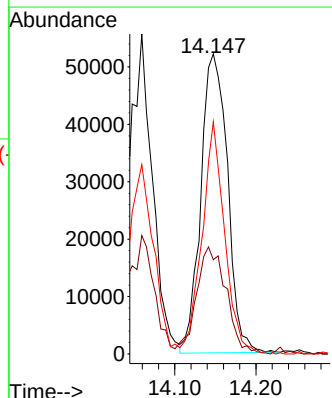
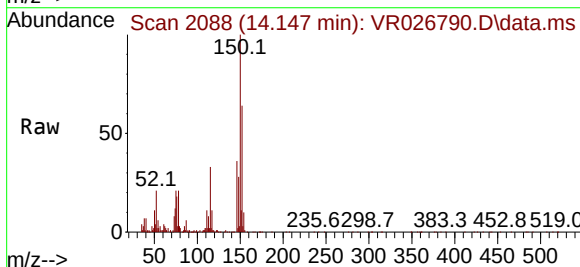
Tgt Ion:146 Resp: 118631

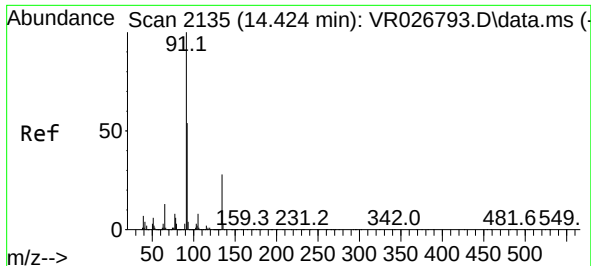
Ion Ratio Lower Upper

146 100

111 40.2 19.6 58.8

148 64.8 31.3 93.9

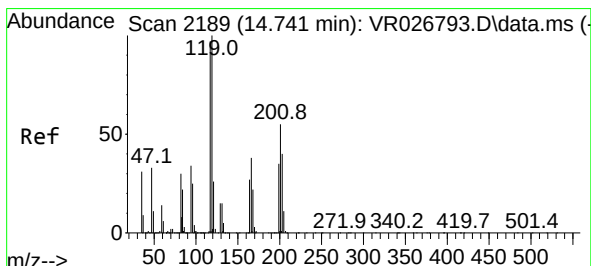
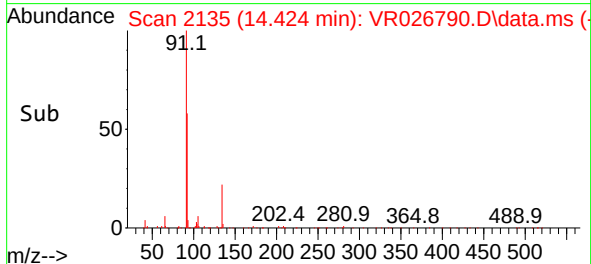
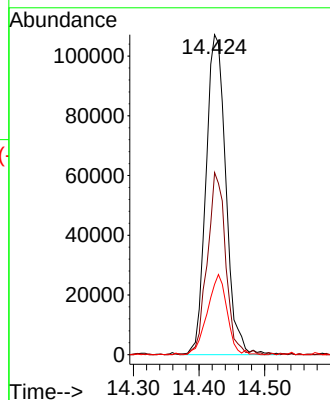
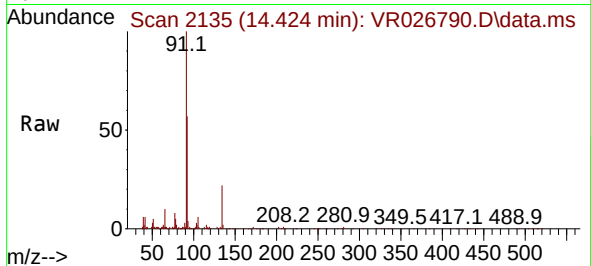




#89
n-Butylbenzene
Concen: 4.660 ug/l
RT: 14.424 min Scan# 2135
Delta R.T. -0.000 min
Lab File: VR026790.D
Acq: 4 Dec 2025 10:06

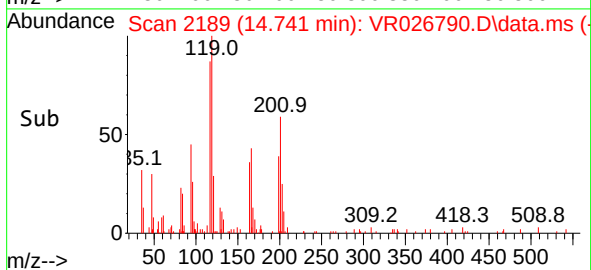
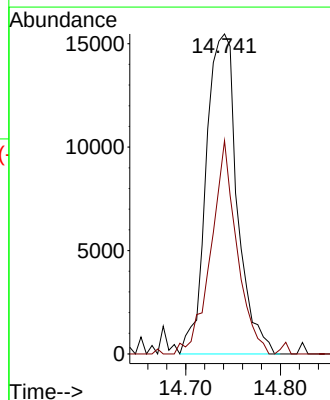
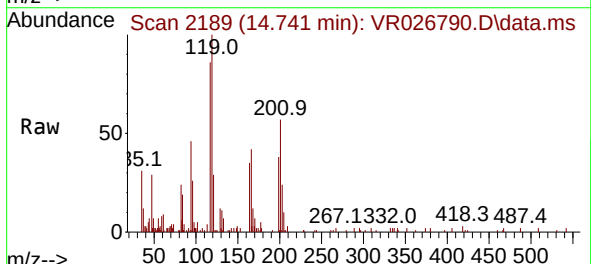
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC005

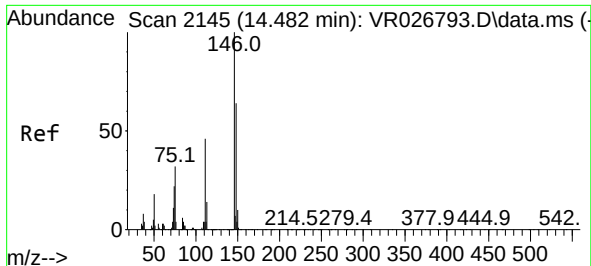
Tgt Ion: 91 Resp: 225670
Ion Ratio Lower Upper
91 100
92 52.5 26.7 80.1
134 24.8 12.9 38.7



#90
Hexachloroethane
Concen: 4.798 ug/l
RT: 14.741 min Scan# 2189
Delta R.T. -0.000 min
Lab File: VR026790.D
Acq: 4 Dec 2025 10:06

Tgt Ion: 117 Resp: 35225
Ion Ratio Lower Upper
117 100
201 55.5 32.6 98.0

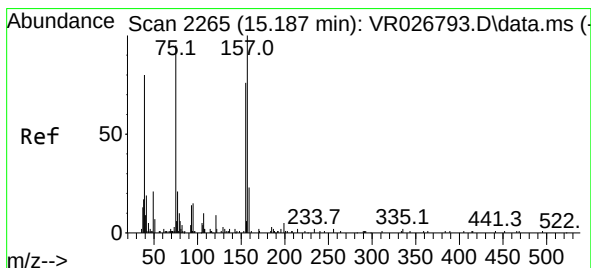
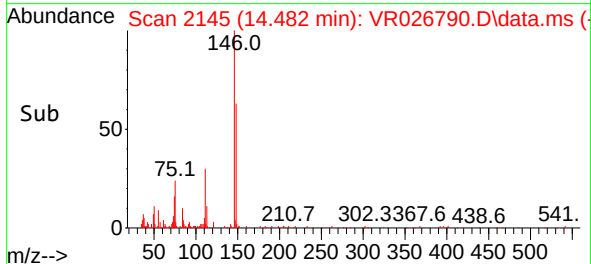
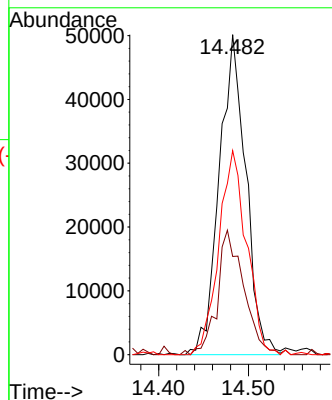
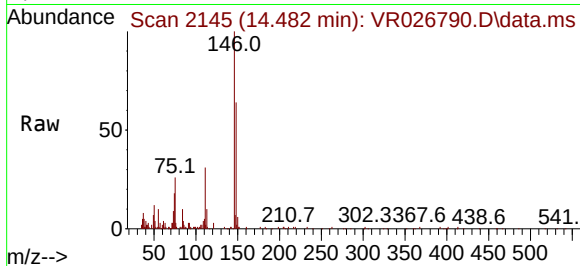




#91
1,2-Dichlorobenzene
Concen: 5.051 ug/l
RT: 14.482 min Scan# 2145
Delta R.T. 0.000 min
Lab File: VR026790.D
Acq: 4 Dec 2025 10:06

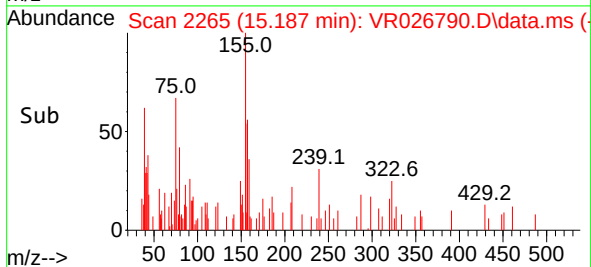
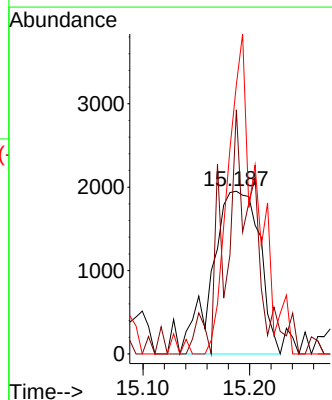
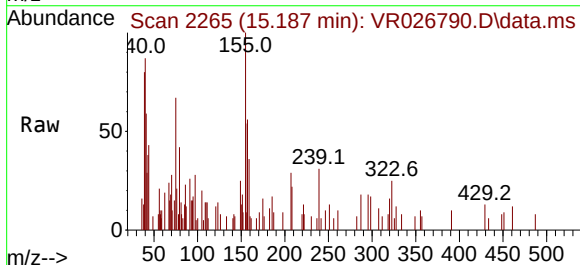
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC005

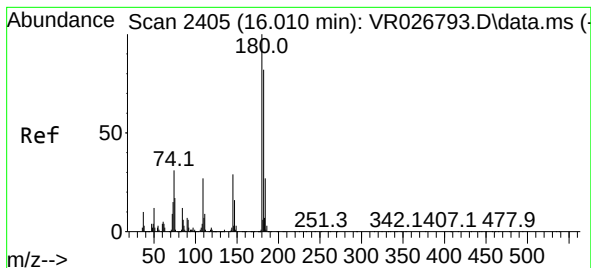
Tgt Ion:146 Resp: 103151
Ion Ratio Lower Upper
146 100
111 38.9 20.5 61.6
148 66.7 31.5 94.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.483 ug/l
RT: 15.187 min Scan# 2265
Delta R.T. 0.000 min
Lab File: VR026790.D
Acq: 4 Dec 2025 10:06

Tgt Ion: 75 Resp: 6011
Ion Ratio Lower Upper
75 100
155 93.8 46.7 140.0
157 119.5 64.0 192.2





#93

1,2,4-Trichlorobenzene

Concen: 4.249 ug/l

RT: 16.004 min Scan# 2405

Delta R.T. -0.006 min

Lab File: VR026790.D

Acq: 4 Dec 2025 10:06

Instrument :

MSVOA_R

ClientSampleId :

VSTDIC005

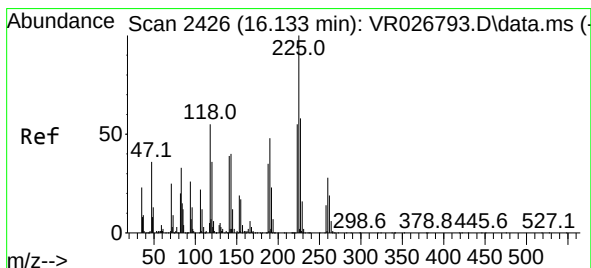
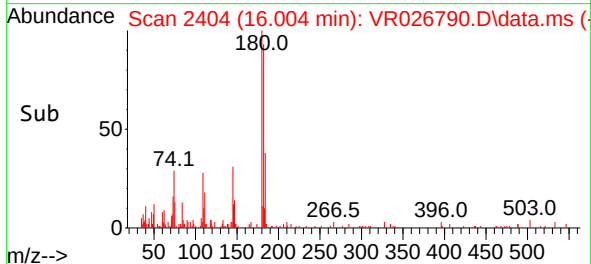
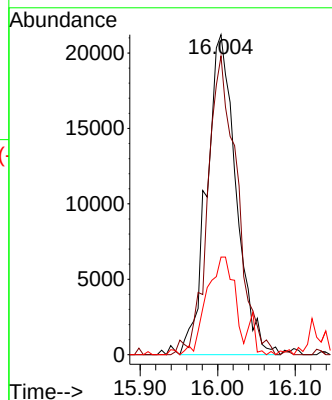
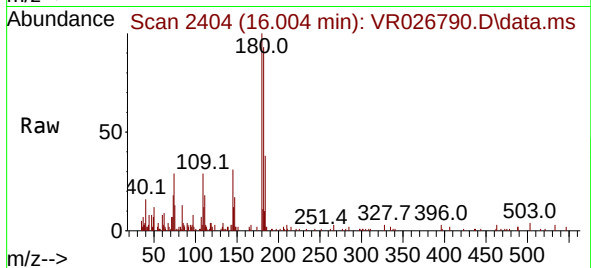
Tgt Ion:180 Resp: 55714

Ion Ratio Lower Upper

180 100

182 93.4 46.4 139.2

145 29.0 16.1 48.2



#94

Hexachlorobutadiene

Concen: 4.548 ug/l

RT: 16.133 min Scan# 2426

Delta R.T. 0.000 min

Lab File: VR026790.D

Acq: 4 Dec 2025 10:06

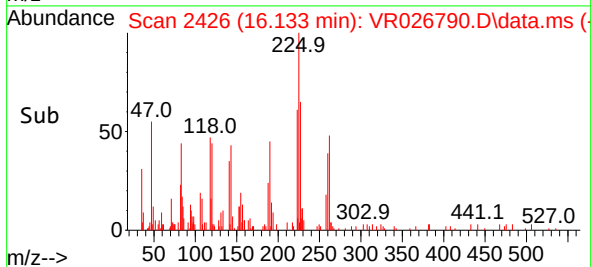
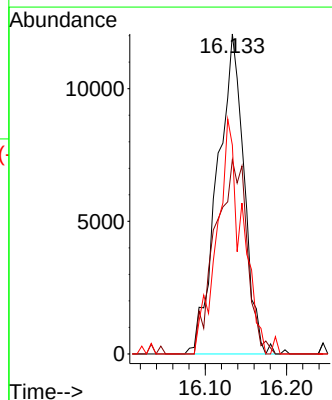
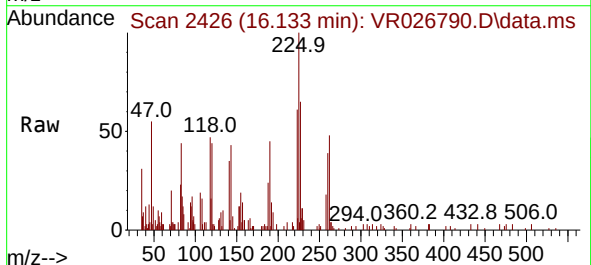
Tgt Ion:225 Resp: 27528

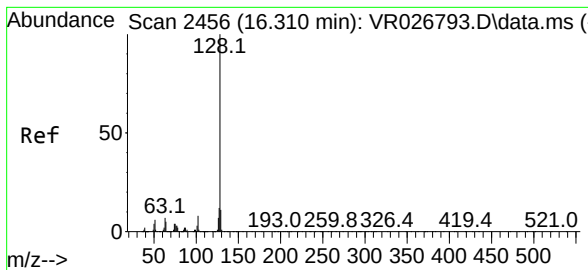
Ion Ratio Lower Upper

225 100

223 72.1 30.3 91.0

227 69.9 32.3 96.9

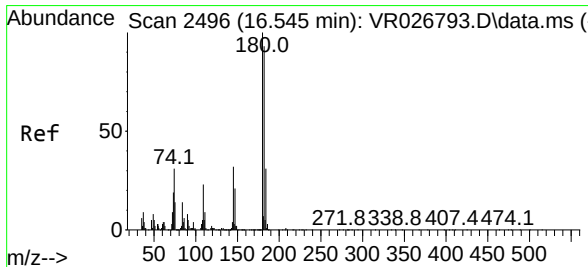
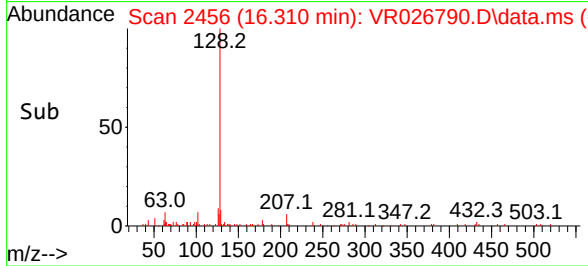
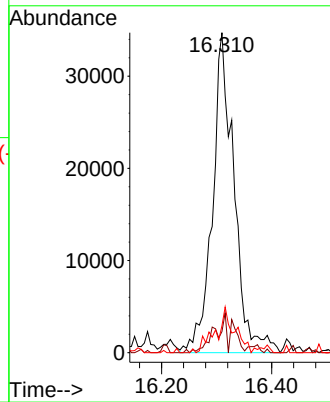
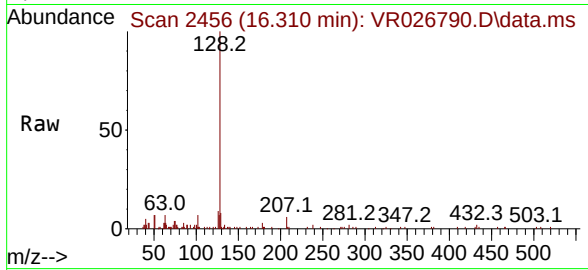




#95
Naphthalene
Concen: 6.987 ug/l
RT: 16.310 min Scan# 2456
Delta R.T. -0.000 min
Lab File: VR026790.D
Acq: 4 Dec 2025 10:06

Instrument :
MSVOA_R
ClientSampleId :
VSTDIC005

Tgt Ion:	128	Resp:	94442
Ion Ratio	Lower	Upper	
128	100		
127	2.5	10.2	15.2#
129	12.6	8.6	12.8



#96
1,2,3-Trichlorobenzene
Concen: 3.978 ug/l
RT: 16.545 min Scan# 2496
Delta R.T. -0.000 min
Lab File: VR026790.D
Acq: 4 Dec 2025 10:06

Tgt Ion:	180	Resp:	44339
Ion Ratio	Lower	Upper	
180	100		
182	94.2	48.2	144.6
145	22.2	16.4	49.2

