

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR120425\
 Data File : VR026797.D
 Acq On : 4 Dec 2025 16:55
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5mL/MSVOA_R/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 ICVVR120425

Quant Time: Dec 05 04:08:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_R\methods\82R120425S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 05 04:05:32 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.796	168	424516	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.765	114	774842	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.915	117	798848	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.118	152	462294	50.000	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.166	65	250590	48.519	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.040%	
35) Dibromofluoromethane	7.713	113	221393	50.420	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.840%	
50) Toluene-d8	10.428	98	1044612	50.517	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.040%	
62) 4-Bromofluorobenzene	13.043	95	396369	49.874	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.740%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	220896	46.123	ug/l	92
3) Chloromethane	2.196	50	312408	47.241	ug/l	90
4) Vinyl Chloride	2.326	62	358899	49.429	ug/l	91
5) Bromomethane	2.684	94	244367	39.593	ug/l	97
6) Chloroethane	2.831	64	257627	51.282	ug/l	99
7) Trichlorofluoromethane	3.166	101	568269	49.098	ug/l	92
8) Diethyl Ether	3.565	74	150216	55.466	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.900	101	275833	50.799	ug/l #	82
10) Methyl Iodide	4.100	142	243363	39.251	ug/l	99
11) Tert butyl alcohol	4.952	59	154403m	89.303	ug/l	
12) 1,1-Dichloroethene	3.889	96	273469	51.559	ug/l	96
13) Acrolein	3.765	56	9987	74.401	ug/l	97
14) Allyl chloride	4.470	41	504307	52.064	ug/l	97
15) Acrylonitrile	5.128	53	390222	251.127	ug/l	100
16) Acetone	3.965	43	417905	185.798	ug/l	97
17) Carbon Disulfide	4.200	76	834664	51.537	ug/l	97
18) Methyl Acetate	4.476	43	245319	47.626	ug/l	100
19) Methyl tert-butyl Ether	5.205	73	710784	52.150	ug/l	96
20) Methylene Chloride	4.699	84	311538	48.320	ug/l	91
21) trans-1,2-Dichloroethene	5.187	96	296521	51.324	ug/l	93
22) Diisopropyl ether	6.086	45	1008695	51.236	ug/l #	96
23) Vinyl Acetate	6.021	43	2303081	239.239	ug/l	99
24) 1,1-Dichloroethane	5.968	63	568282	51.380	ug/l	98
25) 2-Butanone	6.961	43	557085	201.066	ug/l	95
26) 2,2-Dichloropropane	6.950	77	447861	46.830	ug/l	96
27) cis-1,2-Dichloroethene	6.950	96	332623	49.313	ug/l	98
28) Bromochloromethane	7.314	49	224180	48.204	ug/l	96
29) Tetrahydrofuran	7.343	42	309307	242.270	ug/l	99
30) Chloroform	7.490	83	518070	50.971	ug/l	96
31) Cyclohexane	7.796	56	604401	50.854	ug/l	95
32) 1,1,1-Trichloroethane	7.702	97	470869	53.277	ug/l	99
36) 1,1-Dichloropropene	7.931	75	398769	49.174	ug/l	96
37) Ethyl Acetate	7.055	43	201579	48.126	ug/l	98
38) Carbon Tetrachloride	7.919	117	384054	53.301	ug/l	96
39) Methylcyclohexane	9.318	83	611211	50.525	ug/l	94
40) Benzene	8.195	78	1232044	49.616	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.285	41	131475	51.772	ug/l	96
42) 1,2-Dichloroethane	8.272	62	318068	51.746	ug/l	98
43) Isopropyl Acetate	8.313	43	423093	49.670	ug/l	99
44) Trichloroethene	9.041	130	288278	48.834	ug/l	94
45) 1,2-Dichloropropane	9.347	63	290554	48.637	ug/l	98
46) Dibromomethane	9.441	93	148834	48.641	ug/l	97
47) Bromodichloromethane	9.652	83	365992	47.952	ug/l #	99
48) Methyl methacrylate	9.429	41	200837	47.912	ug/l	92
49) 1,4-Dioxane	9.435	88	55650	928.188	ug/l #	90
51) 4-Methyl-2-Pentanone	10.299	43	1135708	250.992	ug/l	98
52) Toluene	10.499	92	838374	50.395	ug/l	98
53) t-1,3-Dichloropropene	10.739	75	392537	50.016	ug/l	92
54) cis-1,3-Dichloropropene	10.140	75	446186	47.551	ug/l	98
55) 1,1,2-Trichloroethane	10.945	97	215921	49.058	ug/l	95
56) Ethyl methacrylate	10.798	69	332823	51.103	ug/l	98
57) 1,3-Dichloropropane	11.110	76	389042	48.722	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.970	63	88050	225.475	ug/l	99
59) 2-Hexanone	11.162	43	858828	213.995	ug/l	100
60) Dibromochloromethane	11.333	129	250778	52.703	ug/l	95
61) 1,2-Dibromoethane	11.456	107	201046	48.509	ug/l	99
64) Tetrachloroethene	11.039	164	257275	46.513	ug/l	98
65) Chlorobenzene	11.944	112	918519	46.991	ug/l	95
66) 1,1,1,2-Tetrachloroethane	12.032	131	260392	48.784	ug/l	99
67) Ethyl Benzene	12.032	91	1739895	49.489	ug/l	97
68) m/p-Xylenes	12.155	106	1349129	98.076	ug/l	99
69) o-Xylene	12.526	106	638667	48.273	ug/l	95
70) Styrene	12.543	104	1086221	47.925	ug/l	98
71) Bromoform	12.731	173	132664	48.132	ug/l #	94
73) Isopropylbenzene	12.872	105	1762699	55.167	ug/l	98
74) N-amyl acetate	12.649	43	442162	50.556	ug/l	99
75) 1,1,2,2-Tetrachloroethane	13.148	83	285244	52.847	ug/l	98
76) 1,2,3-Trichloropropane	13.207	75	251794m	51.358	ug/l	
77) Bromobenzene	13.190	156	372124	54.455	ug/l	97
78) n-propylbenzene	13.260	91	2264299	55.028	ug/l	98
79) 2-Chlorotoluene	13.360	91	1220507	54.826	ug/l	98
80) 1,3,5-Trimethylbenzene	13.413	105	1519029	54.428	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.925	75	94068	50.529	ug/l	93
82) 4-Chlorotoluene	13.472	91	1292075	53.420	ug/l	97
83) tert-Butylbenzene	13.718	119	1373966	54.625	ug/l	99
84) 1,2,4-Trimethylbenzene	13.765	105	1611269	53.786	ug/l	96
85) sec-Butylbenzene	13.918	105	2185161	55.110	ug/l	98
86) p-Isopropyltoluene	14.047	119	1824011	52.230	ug/l	99
87) 1,3-Dichlorobenzene	14.053	146	829886	50.190	ug/l	99
88) 1,4-Dichlorobenzene	14.141	146	851424	48.779	ug/l	98
89) n-Butylbenzene	14.418	91	1973081	54.813	ug/l	99
90) Hexachloroethane	14.729	117	290877	53.305	ug/l	94
91) 1,2-Dichlorobenzene	14.476	146	777984	51.252	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	15.187	75	54755	54.947	ug/l	83
93) 1,2,4-Trichlorobenzene	15.998	180	514592	52.808	ug/l	100
94) Hexachlorobutadiene	16.127	225	247370	54.988	ug/l	95
95) Naphthalene	16.304	128	899539	43.176	ug/l #	94
96) 1,2,3-Trichlorobenzene	16.539	180	427231	51.574	ug/l	99

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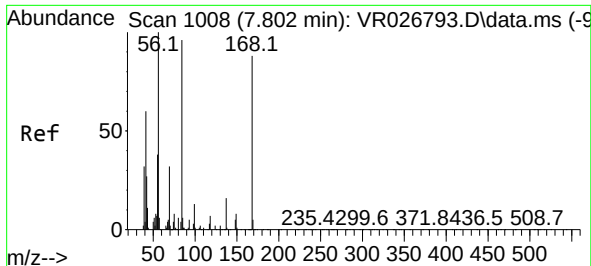
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QLast Update : Fri Dec 05 04:05:32 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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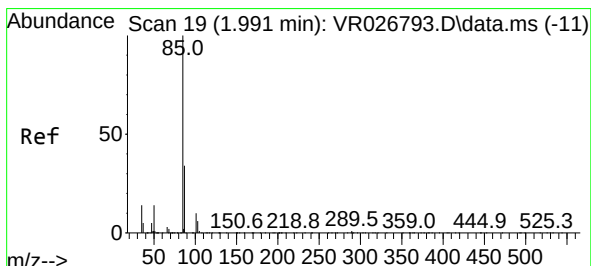
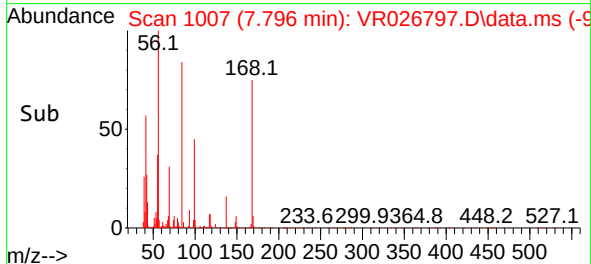
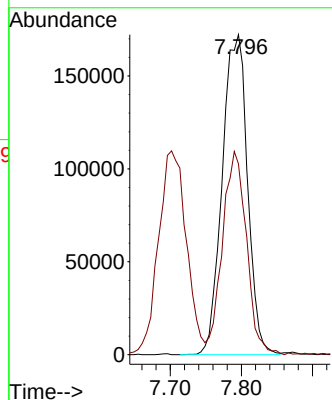
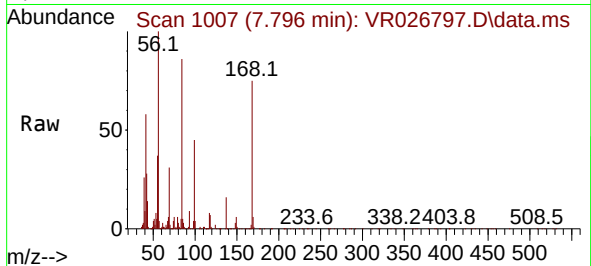




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.796 min Scan# 10
Delta R.T. -0.006 min
Lab File: VR026797.D
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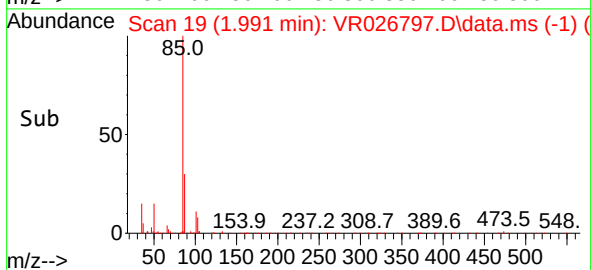
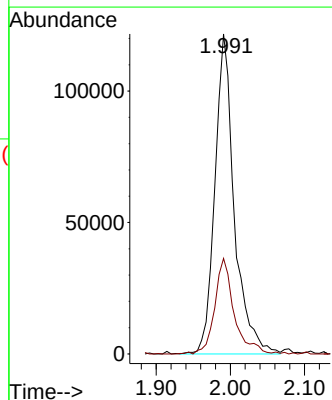
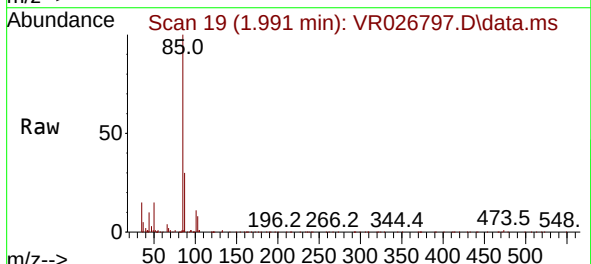
Instrument :
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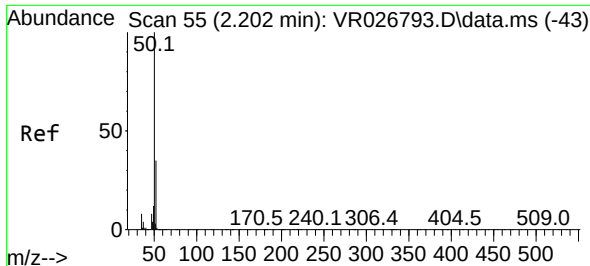
Tgt Ion:168 Resp: 424516
Ion Ratio Lower Upper
168 100
99 59.2 45.3 67.9



#2
Dichlorodifluoromethane
Concen: 46.123 ug/l
RT: 1.991 min Scan# 19
Delta R.T. -0.000 min
Lab File: VR026797.D
Acq: 4 Dec 2025 16:55

Tgt Ion: 85 Resp: 220896
Ion Ratio Lower Upper
85 100
87 29.7 17.1 51.2

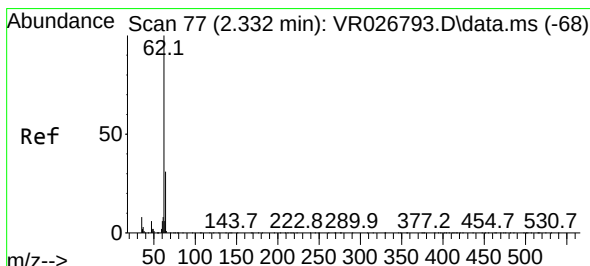
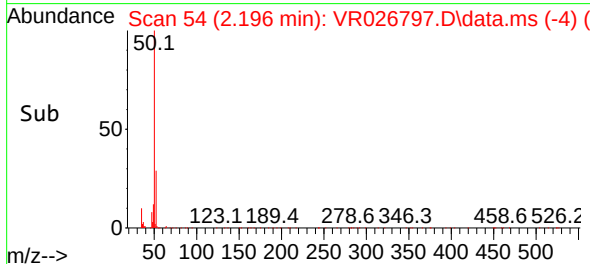
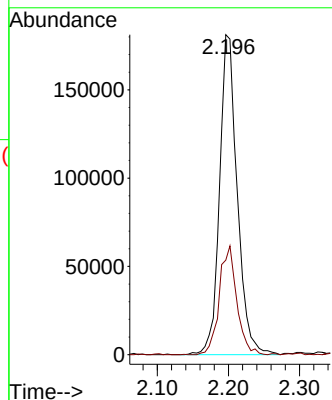
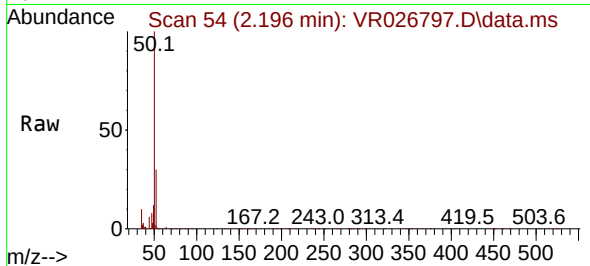




#3
Chloromethane
Concen: 47.241 ug/l
RT: 2.196 min Scan# 54
Delta R.T. -0.006 min
Lab File: VR026797.D
Acq: 4 Dec 2025 16:55

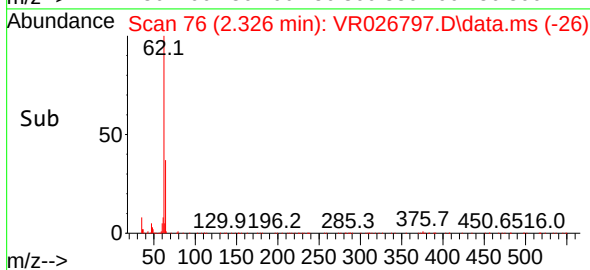
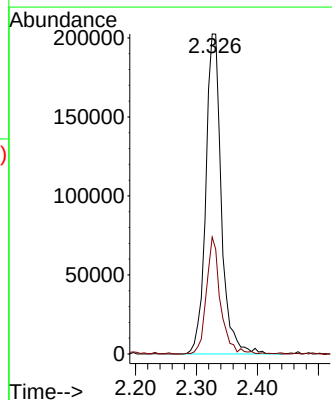
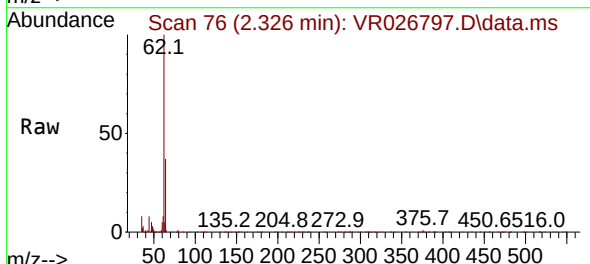
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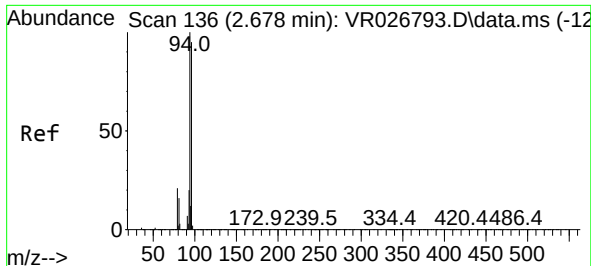
Tgt Ion: 50 Resp: 312408
Ion Ratio Lower Upper
50 100
52 29.6 28.2 42.4



#4
Vinyl Chloride
Concen: 49.429 ug/l
RT: 2.326 min Scan# 76
Delta R.T. -0.006 min
Lab File: VR026797.D
Acq: 4 Dec 2025 16:55

Tgt Ion: 62 Resp: 358899
Ion Ratio Lower Upper
62 100
64 36.5 25.2 37.8

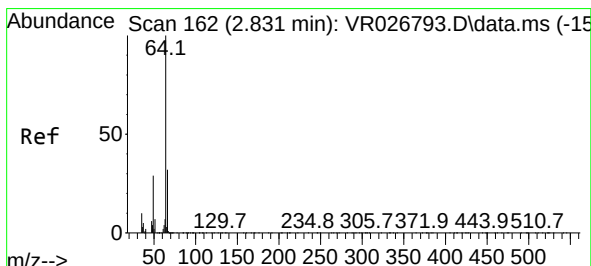
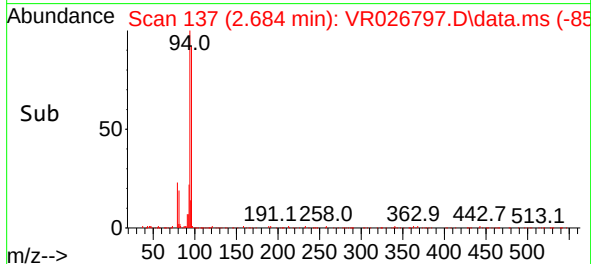
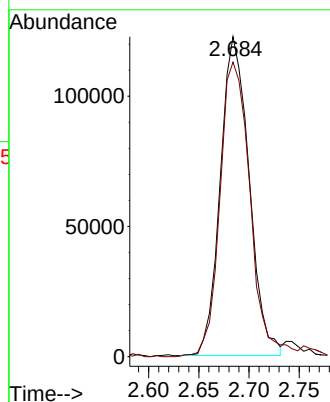
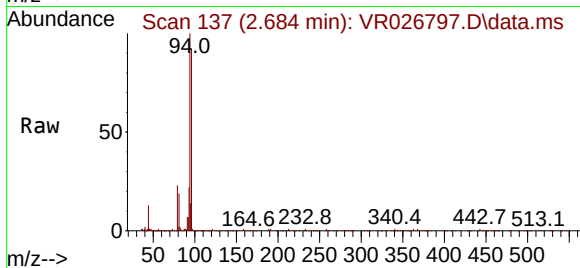




#5
Bromomethane
Concen: 39.593 ug/l
RT: 2.684 min Scan# 11
Delta R.T. 0.006 min
Lab File: VR026797.D
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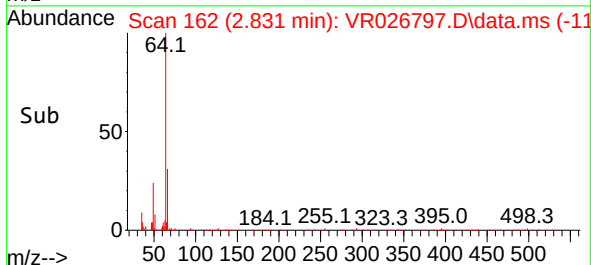
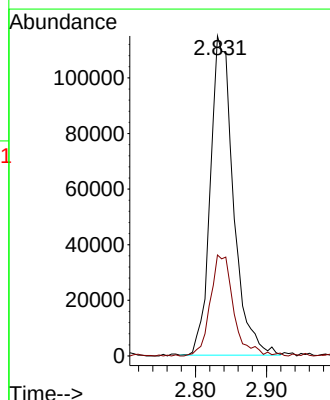
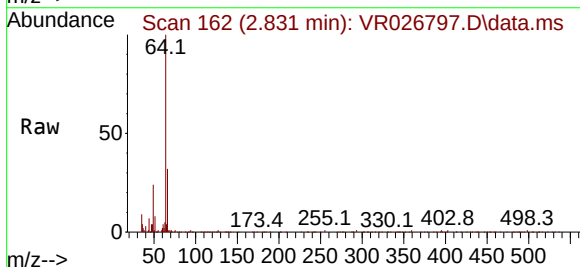
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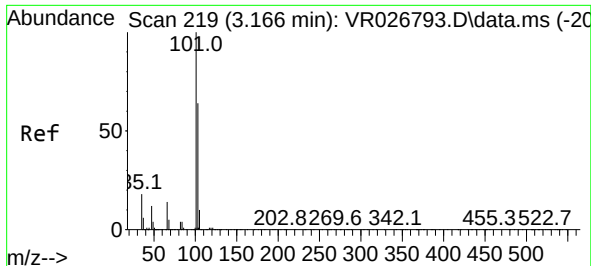
Tgt Ion: 94 Resp: 244367
Ion Ratio Lower Upper
94 100
96 92.2 76.2 114.2



#6
Chloroethane
Concen: 51.282 ug/l
RT: 2.831 min Scan# 162
Delta R.T. -0.000 min
Lab File: VR026797.D
Acq: 4 Dec 2025 16:55

Tgt Ion: 64 Resp: 257627
Ion Ratio Lower Upper
64 100
66 31.6 25.8 38.6

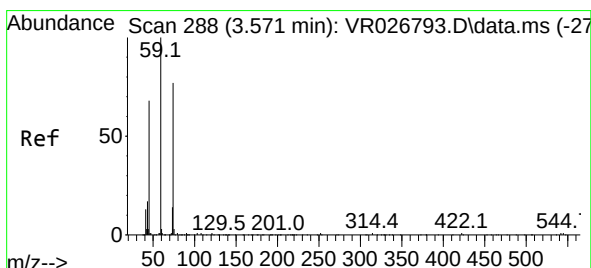
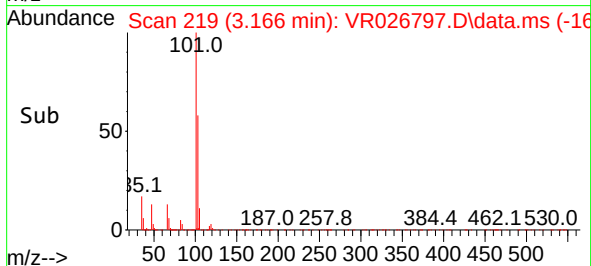
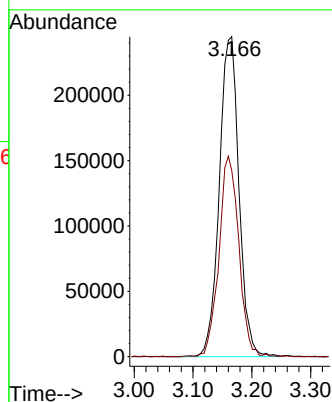
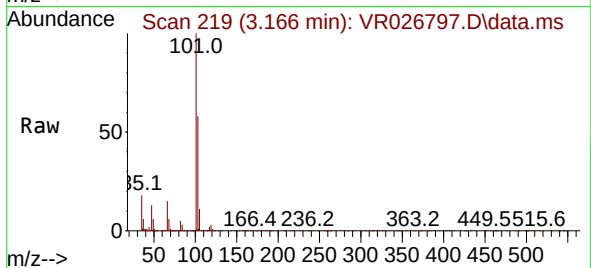




#7
Trichlorofluoromethane
Concen: 49.098 ug/l
RT: 3.166 min Scan# 219
Delta R.T. -0.000 min
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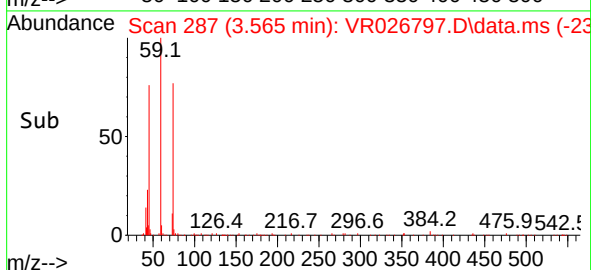
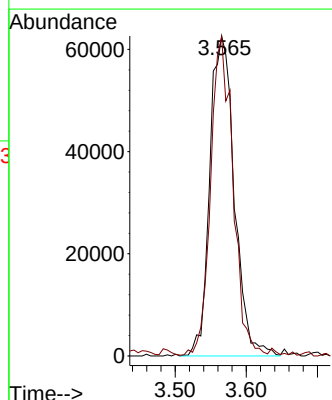
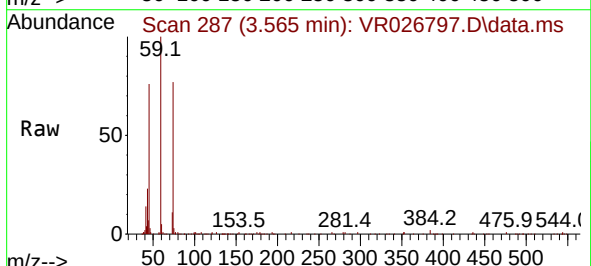
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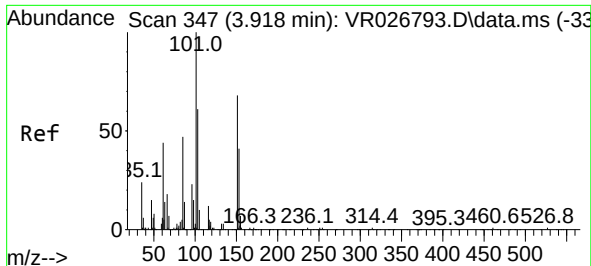
Tgt Ion:101 Resp: 568269
Ion Ratio Lower Upper
101 100
103 58.3 51.4 77.2



#8
Diethyl Ether
Concen: 55.466 ug/l
RT: 3.565 min Scan# 287
Delta R.T. -0.006 min
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Acq: 4 Dec 2025 16:55

Tgt Ion: 74 Resp: 150216
Ion Ratio Lower Upper
74 100
45 90.2 49.9 149.7

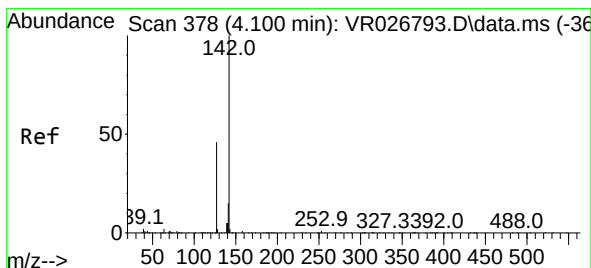
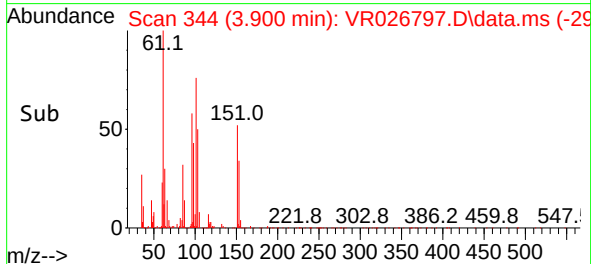
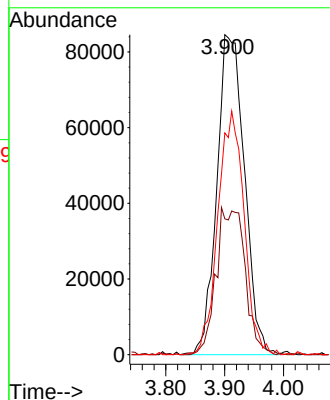
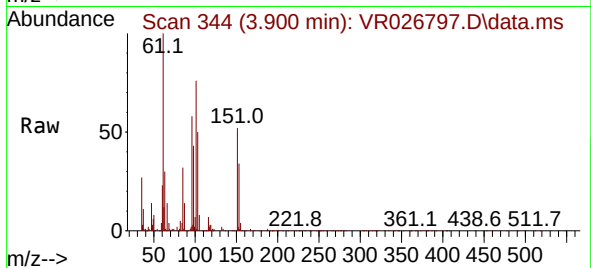




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.799 ug/l
RT: 3.900 min Scan# 347
Delta R.T. -0.018 min
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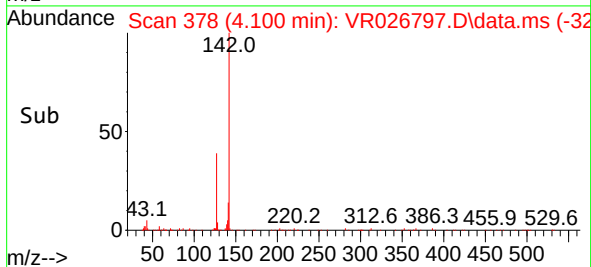
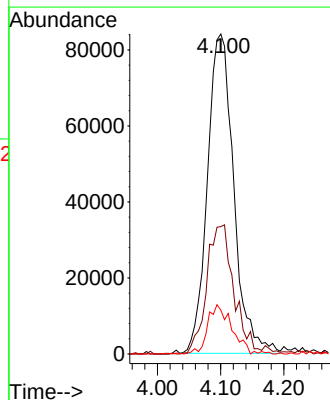
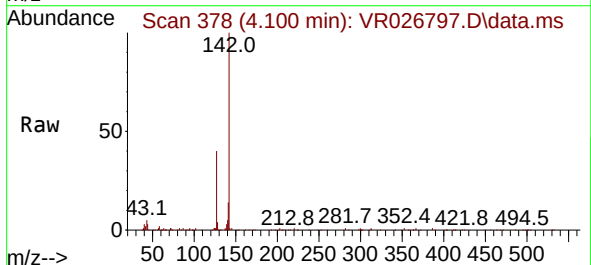
Instrument :
MSVOA_R
ClientSampleId :
ICVVR120425

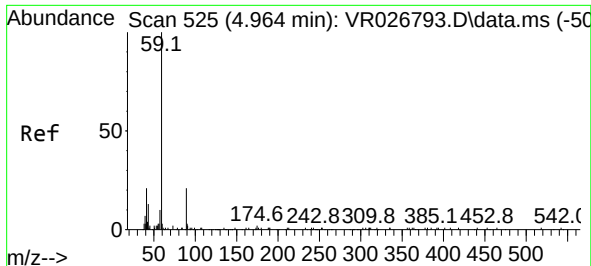
Tgt Ion:101 Resp: 275833
Ion Ratio Lower Upper
101 100
85 22.5 39.3 58.9#
151 72.1 55.8 83.8



#10
Methyl Iodide
Concen: 39.251 ug/l
RT: 4.100 min Scan# 378
Delta R.T. 0.000 min
Lab File: VR026797.D
Acq: 4 Dec 2025 16:55

Tgt Ion:142 Resp: 243363
Ion Ratio Lower Upper
142 100
127 41.5 32.6 48.8
141 14.0 11.3 16.9

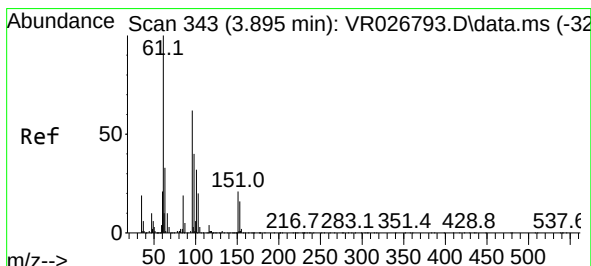
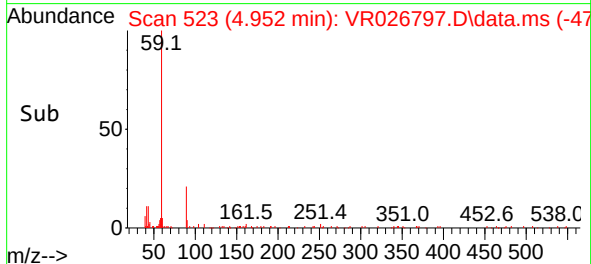
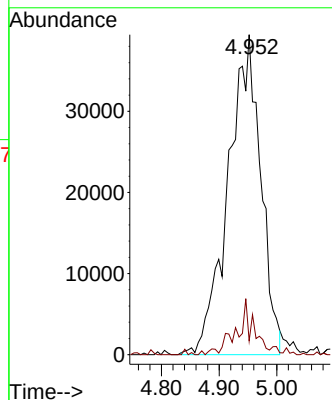
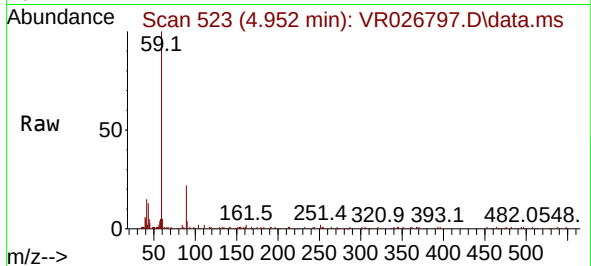




#11
Tert butyl alcohol
Concen: 89.303 ug/l m
RT: 4.952 min Scan# 51
Delta R.T. -0.012 min
Lab File: VR026797.D
Acq: 4 Dec 2025 16:55

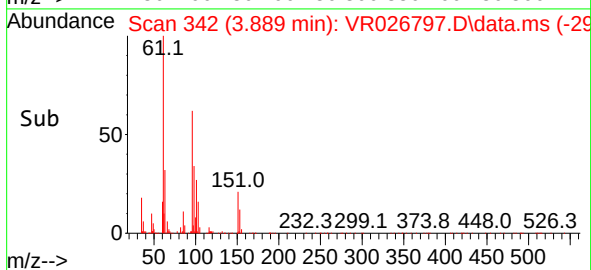
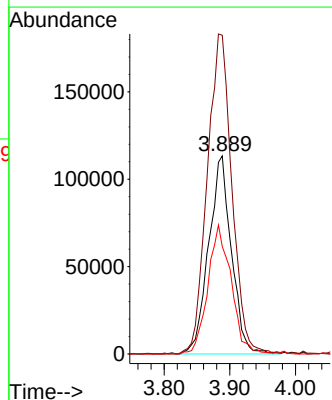
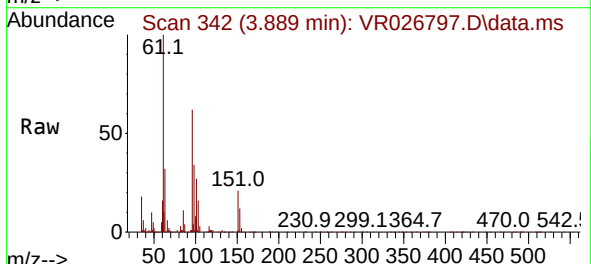
Instrument :
MSVOA_R
ClientSampleId :
ICVVR120425

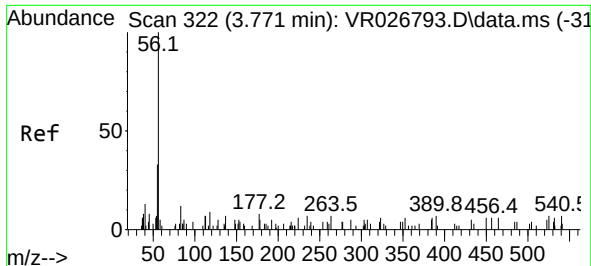
Tgt Ion: 59 Resp: 154403
Ion Ratio Lower Upper
59 100
57 5.6 3.1 4.7#



#12
1,1-Dichloroethene
Concen: 51.559 ug/l
RT: 3.889 min Scan# 342
Delta R.T. -0.006 min
Lab File: VR026797.D
Acq: 4 Dec 2025 16:55

Tgt Ion: 96 Resp: 273469
Ion Ratio Lower Upper
96 100
61 160.5 128.2 192.4
98 54.2 51.8 77.8





#13

Acrolein

Concen: 74.401 ug/l

RT: 3.765 min Scan# 31

Delta R.T. -0.006 min

Lab File: VR026797.D

Acq: 4 Dec 2025 16:55

Instrument :

MSVOA_R

ClientSampleId :

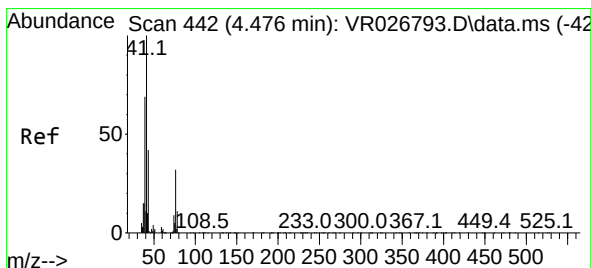
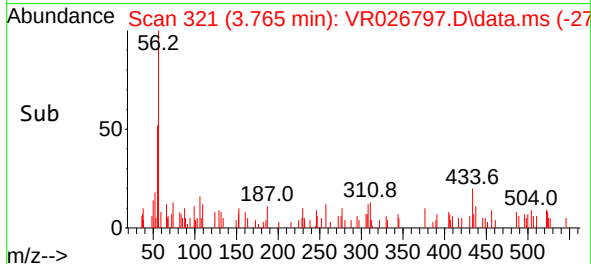
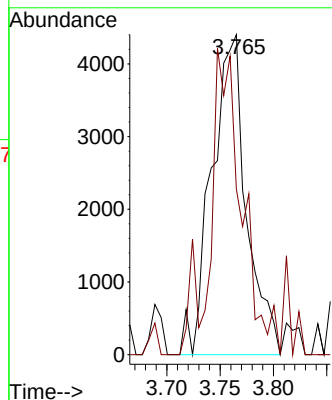
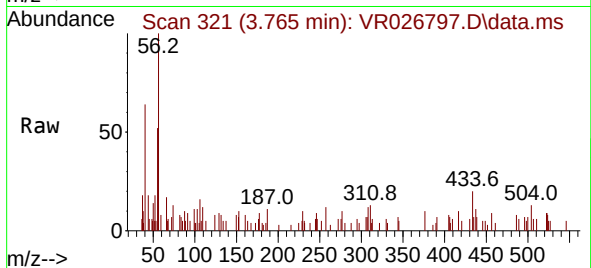
ICVVR120425

Tgt Ion: 56 Resp: 9987

Ion Ratio Lower Upper

56 100

55 75.4 58.5 87.7



#14

Allyl chloride

Concen: 52.064 ug/l

RT: 4.470 min Scan# 441

Delta R.T. -0.006 min

Lab File: VR026797.D

Acq: 4 Dec 2025 16:55

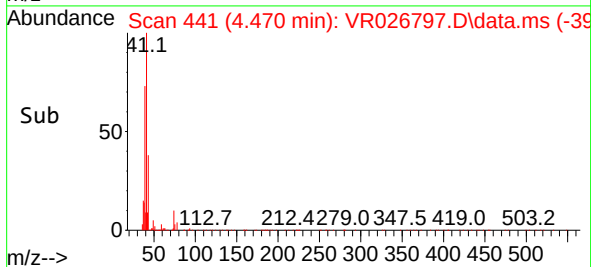
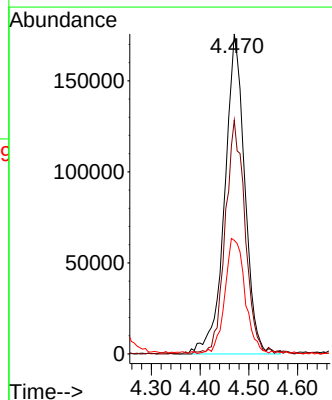
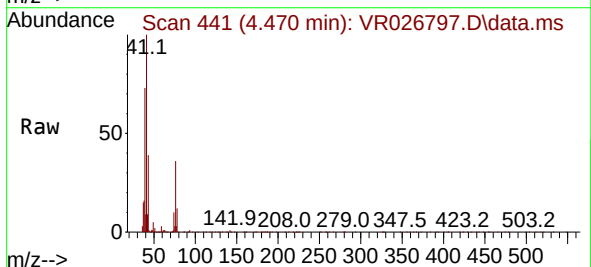
Tgt Ion: 41 Resp: 504307

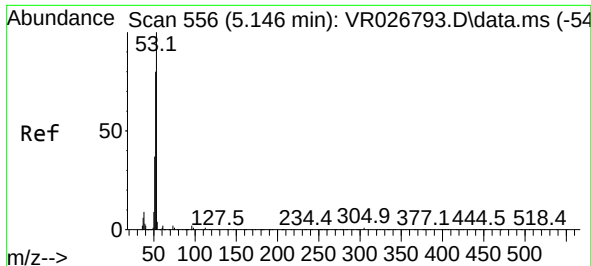
Ion Ratio Lower Upper

41 100

39 71.4 55.0 82.4

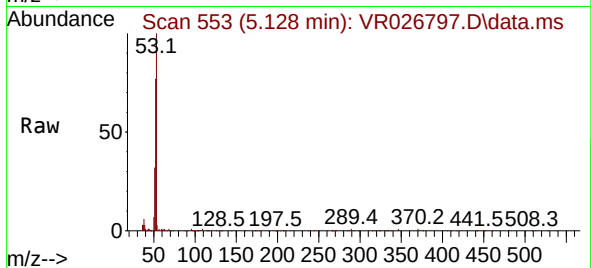
76 35.8 27.3 40.9





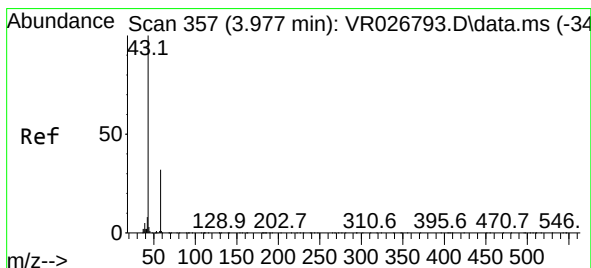
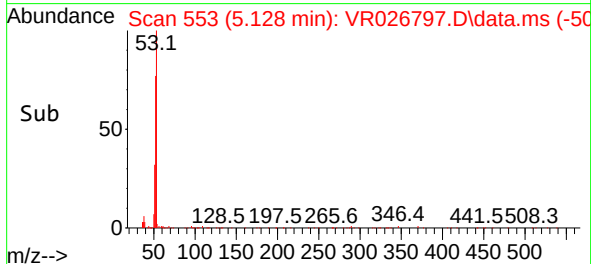
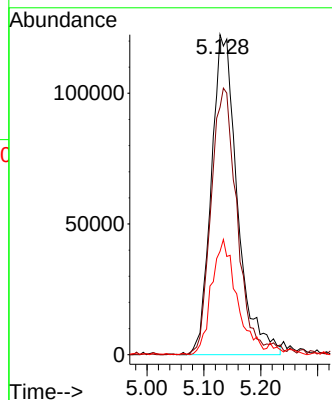
#15
Acrylonitrile
Concen: 251.127 ug/l
RT: 5.128 min Scan# 51
Delta R.T. -0.018 min
Lab File: VR026797.D
Acq: 4 Dec 2025 16:55

Instrument :
MSVOA_R
ClientSampleId :
ICVVR120425



Tgt Ion: 53 Resp: 390222

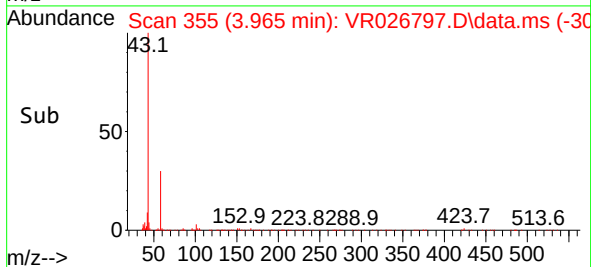
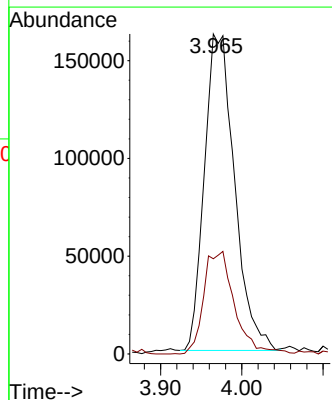
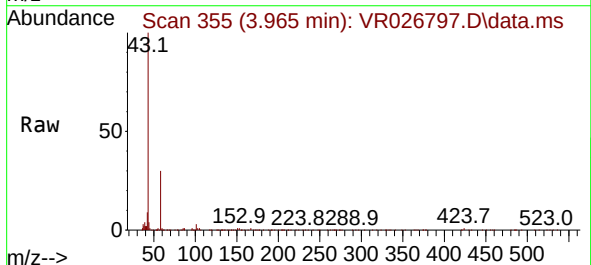
Ion	Ratio	Lower	Upper
53	100		
52	82.4	65.9	98.9
51	34.9	28.1	42.1

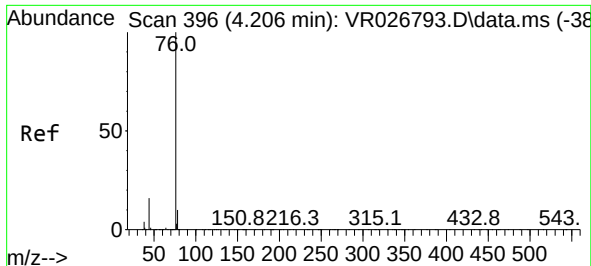


#16
Acetone
Concen: 185.798 ug/l
RT: 3.965 min Scan# 355
Delta R.T. -0.012 min
Lab File: VR026797.D
Acq: 4 Dec 2025 16:55

Tgt Ion: 43 Resp: 417905

Ion	Ratio	Lower	Upper
43	100		
58	30.1	25.5	38.3

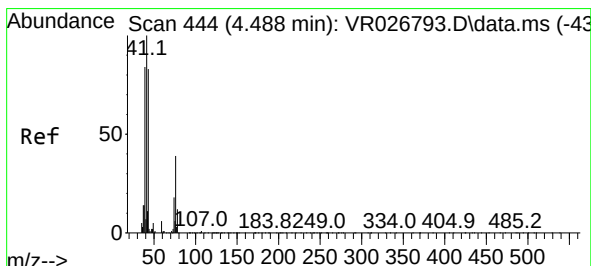
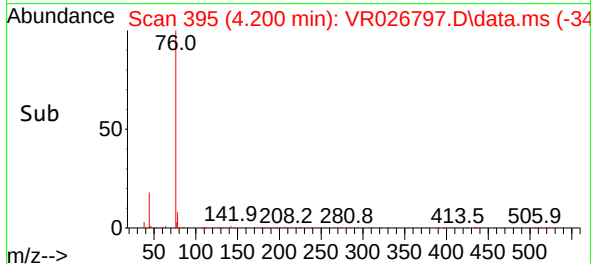
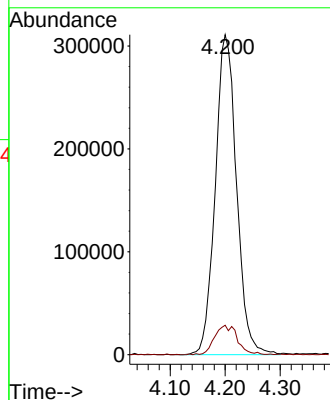
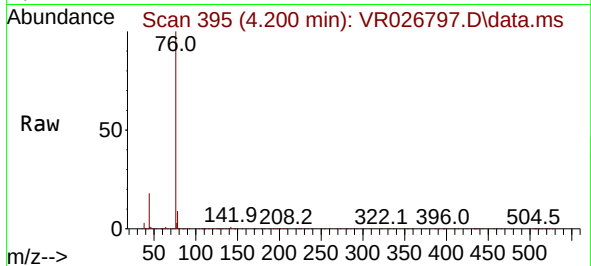




#17
Carbon Disulfide
Concen: 51.537 ug/l
RT: 4.200 min Scan# 396
Delta R.T. -0.006 min
Lab File: VR026797.D
Acq: 4 Dec 2025 16:55

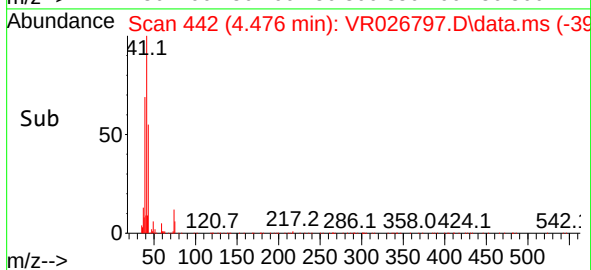
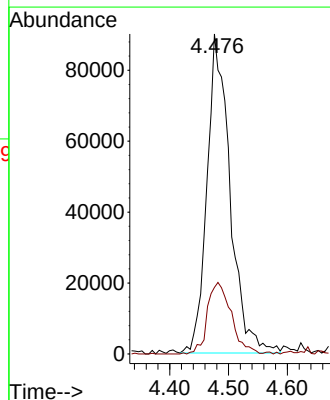
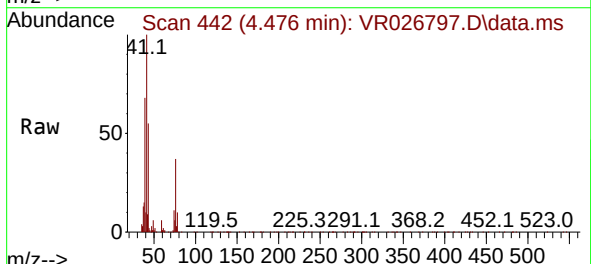
Instrument :
MSVOA_R
ClientSampleId :
ICVVR120425

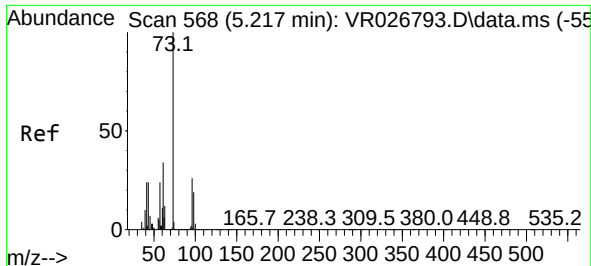
Tgt Ion: 76 Resp: 834664
Ion Ratio Lower Upper
76 100
78 9.2 8.2 12.4



#18
Methyl Acetate
Concen: 47.626 ug/l
RT: 4.476 min Scan# 442
Delta R.T. -0.012 min
Lab File: VR026797.D
Acq: 4 Dec 2025 16:55

Tgt Ion: 43 Resp: 245319
Ion Ratio Lower Upper
43 100
74 23.1 18.3 27.5

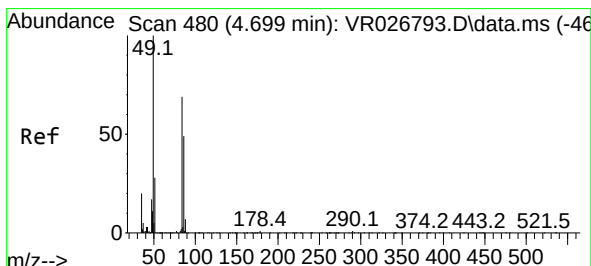
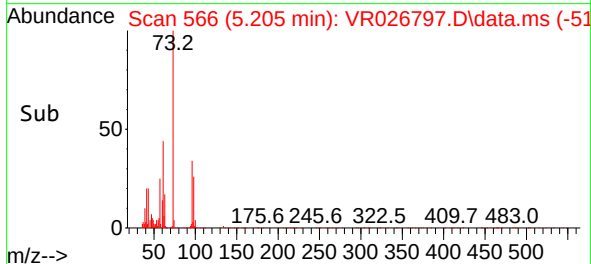
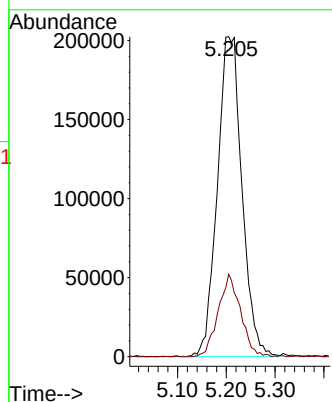
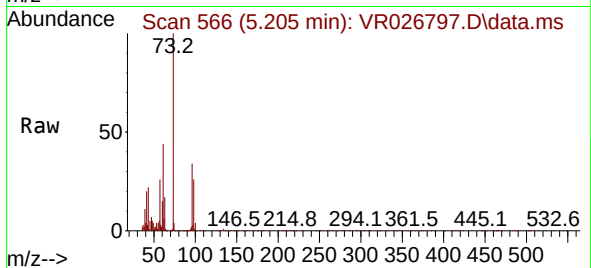




#19
Methyl tert-butyl Ether
Concen: 52.150 ug/l
RT: 5.205 min Scan# 51
Delta R.T. -0.012 min
Lab File: VR026797.D
Acq: 4 Dec 2025 16:55

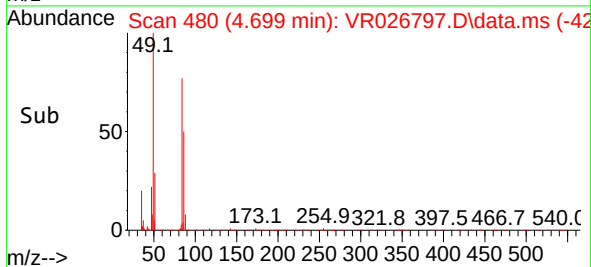
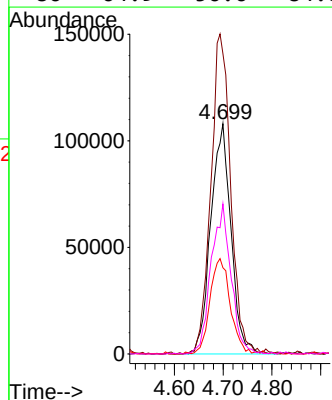
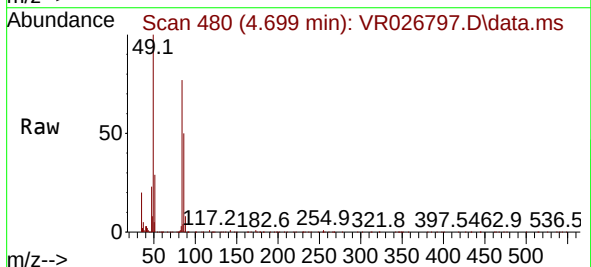
Instrument :
MSVOA_R
ClientSampleId :
ICVVR120425

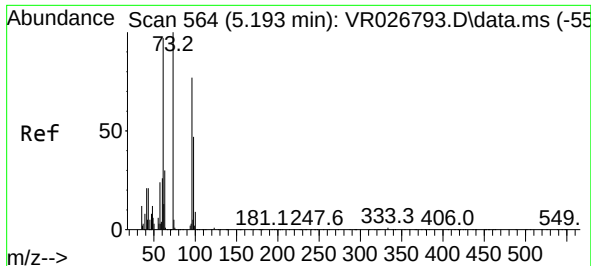
Tgt Ion: 73 Resp: 710784
Ion Ratio Lower Upper
73 100
57 25.8 19.1 28.7



#20
Methylene Chloride
Concen: 48.320 ug/l
RT: 4.699 min Scan# 480
Delta R.T. 0.000 min
Lab File: VR026797.D
Acq: 4 Dec 2025 16:55

Tgt Ion: 84 Resp: 311538
Ion Ratio Lower Upper
84 100
49 129.8 115.9 173.9
51 37.4 31.9 47.9
86 64.9 56.6 84.8

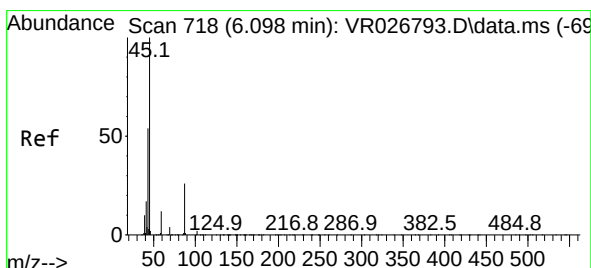
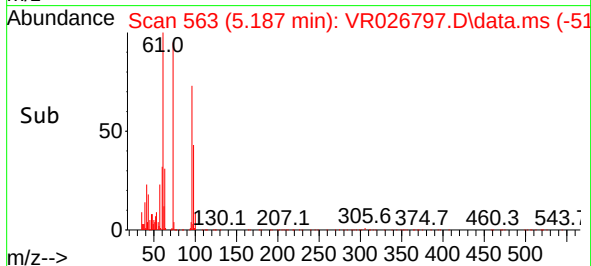
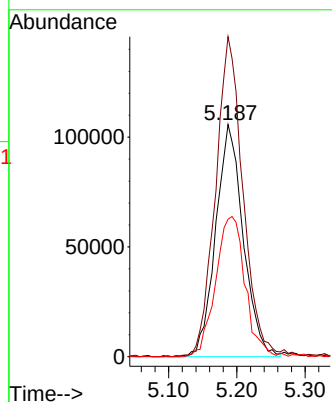
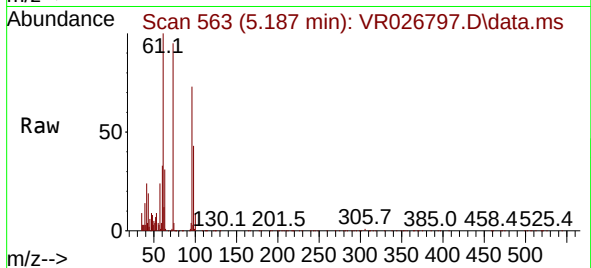




#21
trans-1,2-Dichloroethene
Concen: 51.324 ug/l
RT: 5.187 min Scan# 501
Delta R.T. -0.006 min
Lab File: VR026797.D
Acq: 4 Dec 2025 16:55

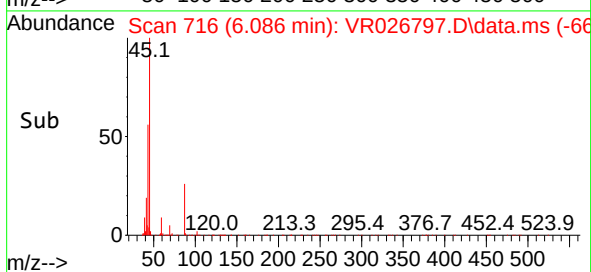
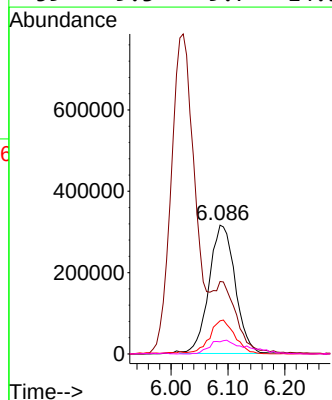
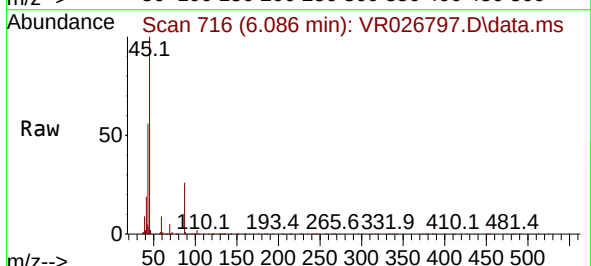
Instrument :
MSVOA_R
ClientSampleId :
ICVVR120425

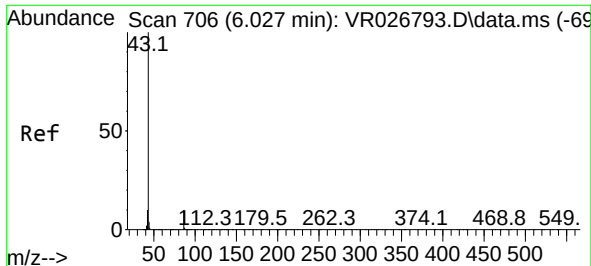
Tgt Ion: 96 Resp: 296521
Ion Ratio Lower Upper
96 100
61 137.3 101.2 151.8
98 59.2 49.0 73.4



#22
Diisopropyl ether
Concen: 51.236 ug/l
RT: 6.086 min Scan# 716
Delta R.T. -0.012 min
Lab File: VR026797.D
Acq: 4 Dec 2025 16:55

Tgt Ion: 45 Resp: 1008695
Ion Ratio Lower Upper
45 100
43 55.3 46.6 70.0
87 25.6 21.1 31.7
59 9.3 9.7 14.5

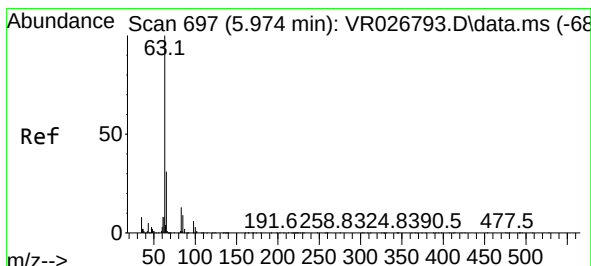
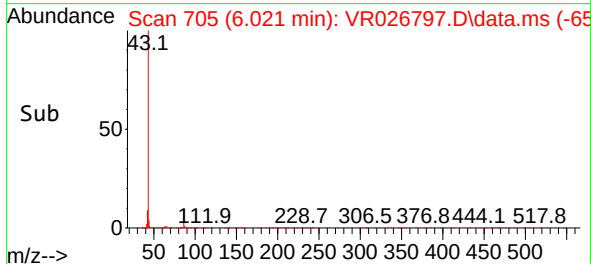
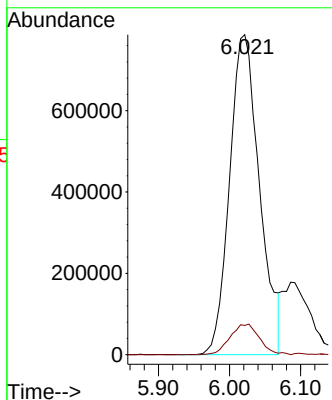
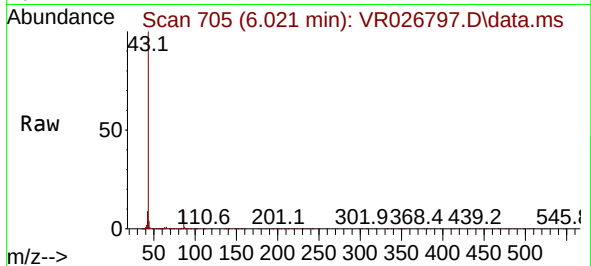




#23
 Vinyl Acetate
 Concen: 239.239 ug/l
 RT: 6.021 min Scan# 706
 Delta R.T. -0.006 min
 Lab File: VR026797.D
 Acq: 4 Dec 2025 16:55

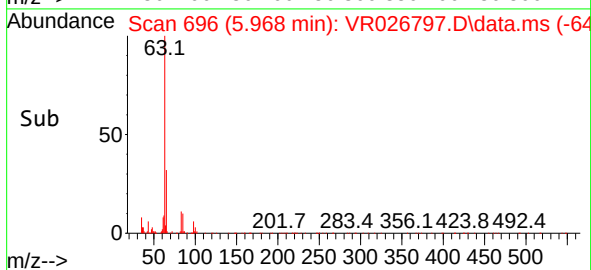
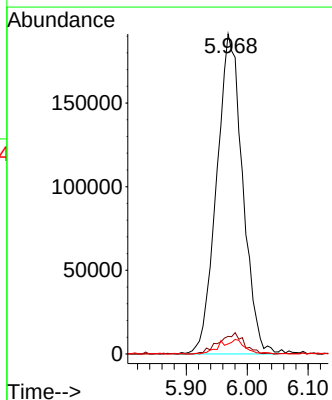
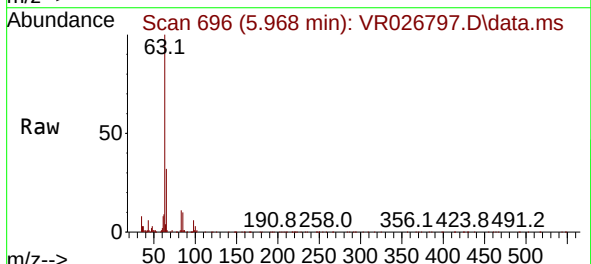
Instrument :
 MSVOA_R
 ClientSampleId :
 ICVVR120425

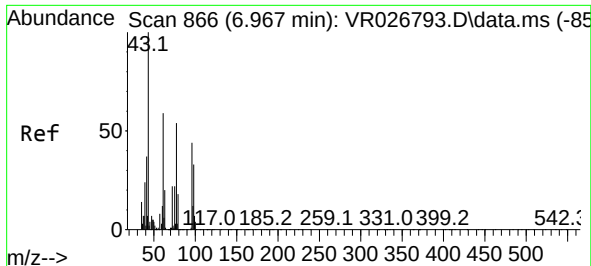
Tgt Ion: 43 Resp: 2303081
 Ion Ratio Lower Upper
 43 100
 86 9.1 7.6 11.4



#24
 1,1-Dichloroethane
 Concen: 51.380 ug/l
 RT: 5.968 min Scan# 696
 Delta R.T. -0.006 min
 Lab File: VR026797.D
 Acq: 4 Dec 2025 16:55

Tgt Ion: 63 Resp: 568282
 Ion Ratio Lower Upper
 63 100
 98 5.4 3.3 9.8
 100 3.2 1.8 5.3

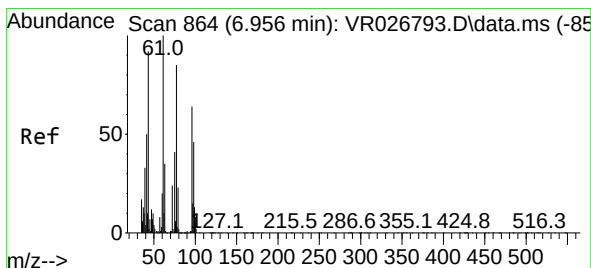
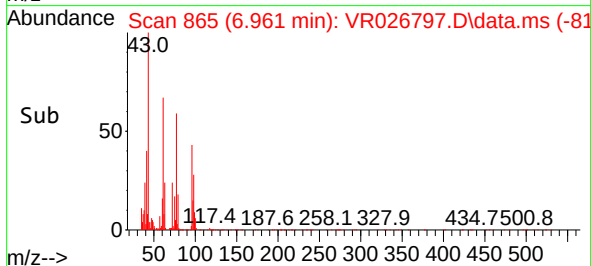
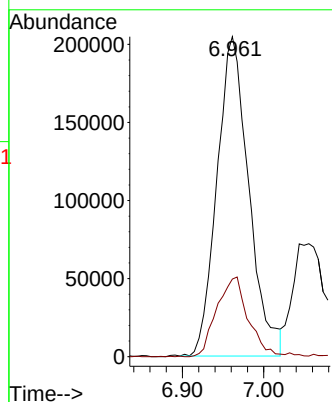
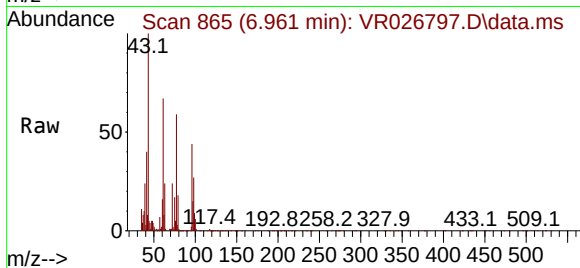




#25
2-Butanone
Concen: 201.066 ug/l
RT: 6.961 min Scan# 80
Delta R.T. -0.006 min
Lab File: VR026797.D
Acq: 4 Dec 2025 16:55

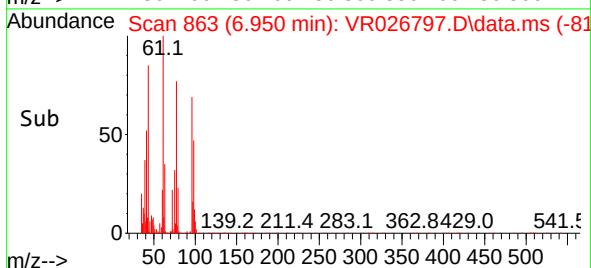
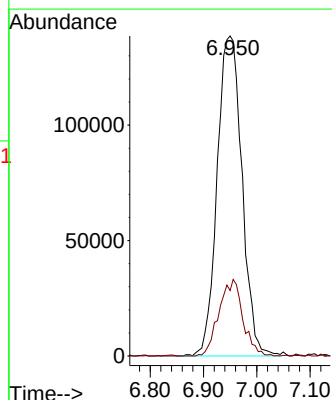
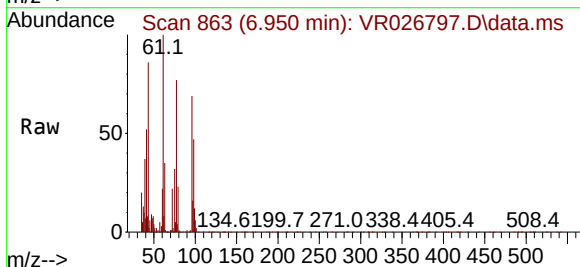
Instrument :
MSVOA_R
ClientSampleId :
ICVVR120425

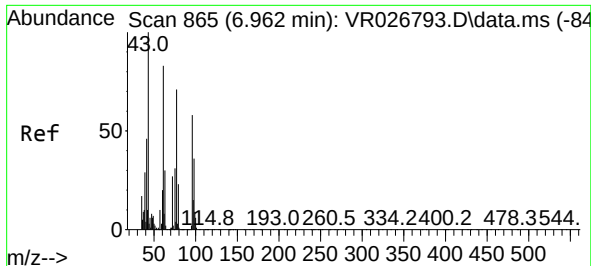
Tgt Ion: 43 Resp: 557085
Ion Ratio Lower Upper
43 100
72 24.2 17.4 26.2



#26
2,2-Dichloropropane
Concen: 46.830 ug/l
RT: 6.950 min Scan# 863
Delta R.T. -0.006 min
Lab File: VR026797.D
Acq: 4 Dec 2025 16:55

Tgt Ion: 77 Resp: 447861
Ion Ratio Lower Upper
77 100
97 23.0 10.4 31.4



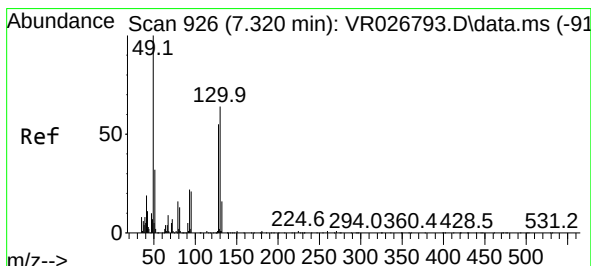
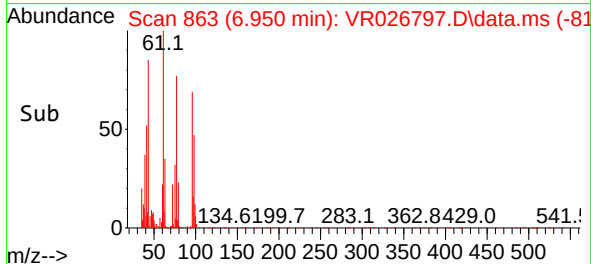
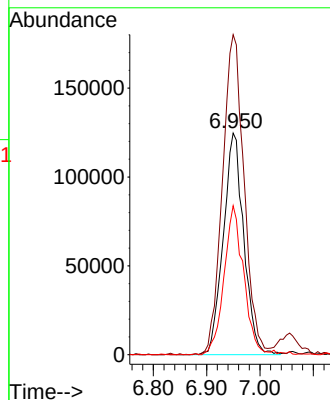
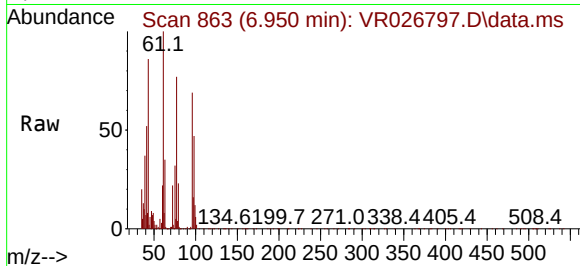


#27
 cis-1,2-Dichloroethene
 Concen: 49.313 ug/l
 RT: 6.950 min Scan# 80
 Delta R.T. -0.012 min
 Lab File: VR026797.D
 Acq: 4 Dec 2025 16:55

Instrument :
 MSVOA_R
 ClientSampleId :
 ICVVR120425

Tgt Ion: 96 Resp: 332623

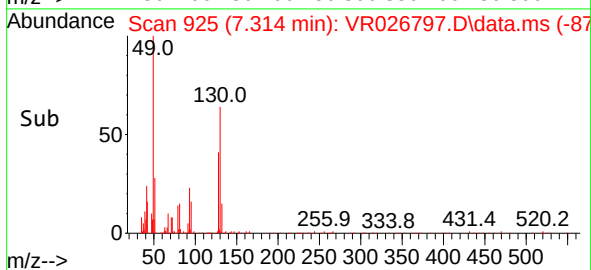
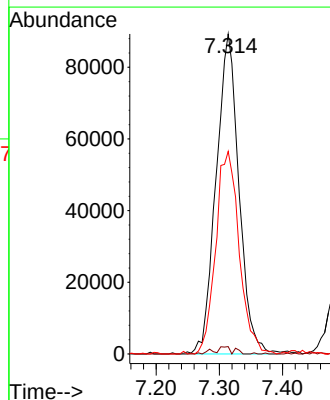
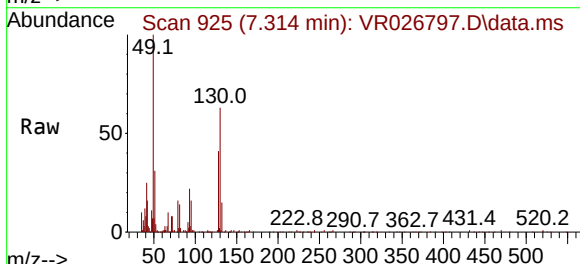
Ion	Ratio	Lower	Upper
96	100		
61	151.8	0.0	296.6
98	64.6	0.0	132.0

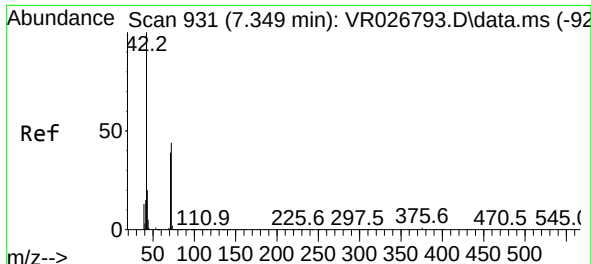


#28
 Bromochloromethane
 Concen: 48.204 ug/l
 RT: 7.314 min Scan# 925
 Delta R.T. -0.006 min
 Lab File: VR026797.D
 Acq: 4 Dec 2025 16:55

Tgt Ion: 49 Resp: 224180

Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	2.6
130	64.8	54.8	82.2

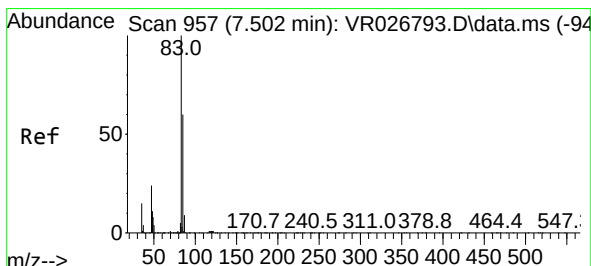
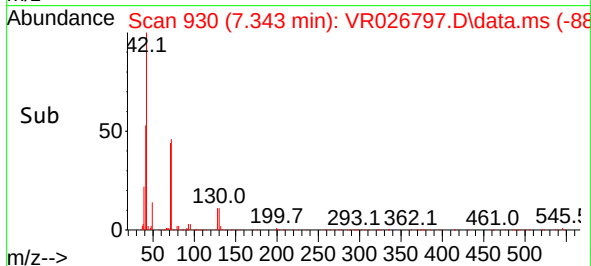
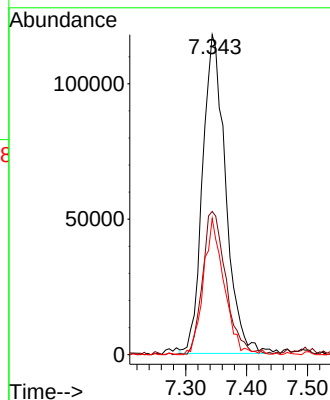
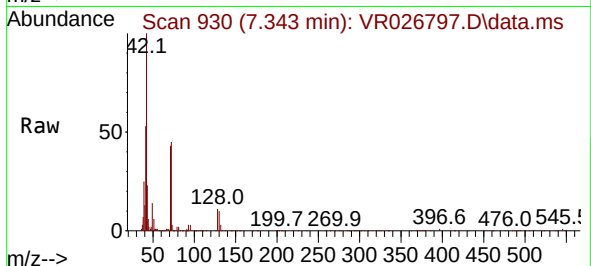




#29
Tetrahydrofuran
Concen: 242.270 ug/l
RT: 7.343 min Scan# 911
Delta R.T. -0.006 min
Lab File: VR026797.D
Acq: 4 Dec 2025 16:55

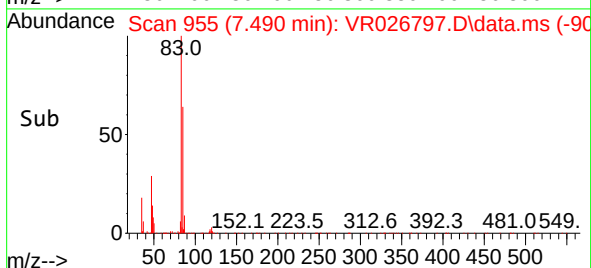
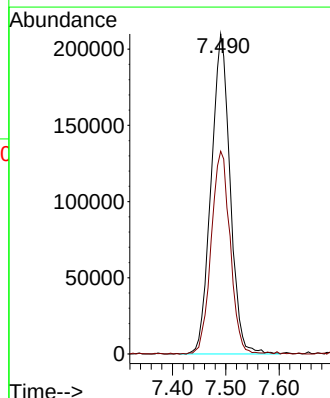
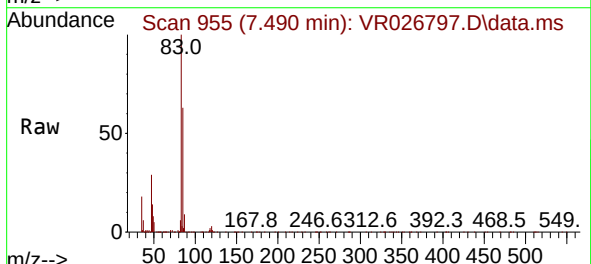
Instrument :
MSVOA_R
ClientSampleId :
ICVVR120425

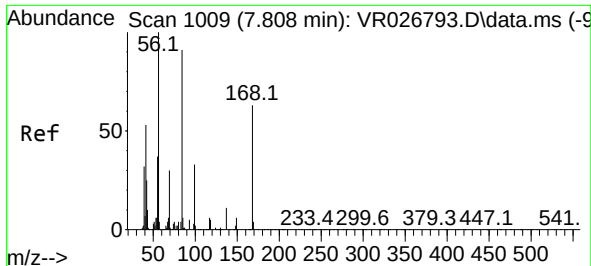
Tgt Ion: 42 Resp: 309307
Ion Ratio Lower Upper
42 100
72 45.7 35.4 53.2
71 38.2 30.8 46.2



#30
Chloroform
Concen: 50.971 ug/l
RT: 7.490 min Scan# 955
Delta R.T. -0.012 min
Lab File: VR026797.D
Acq: 4 Dec 2025 16:55

Tgt Ion: 83 Resp: 518070
Ion Ratio Lower Upper
83 100
85 63.4 48.2 72.4

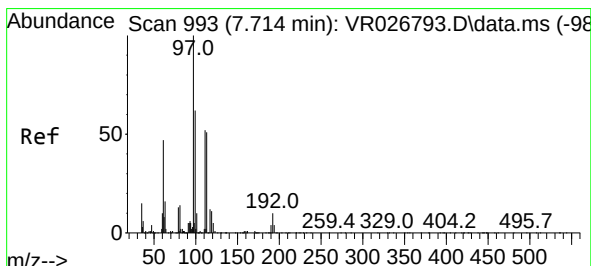
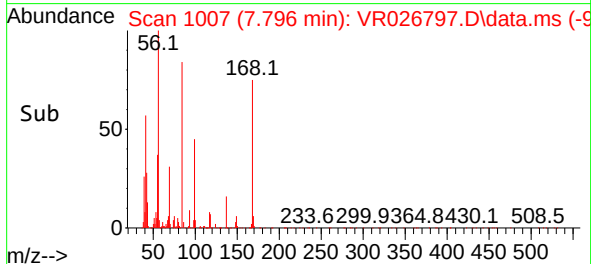
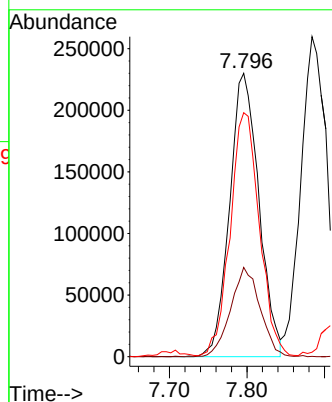
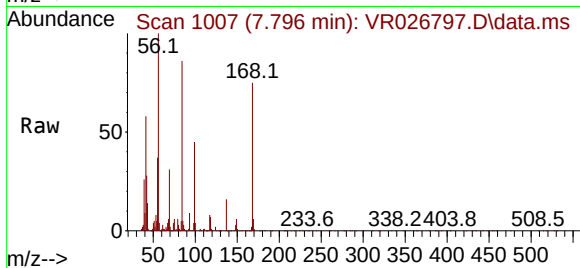




#31
Cyclohexane
Concen: 50.854 ug/l
RT: 7.796 min Scan# 1007
Delta R.T. -0.012 min
Lab File: VR026797.D
Acq: 4 Dec 2025 16:55

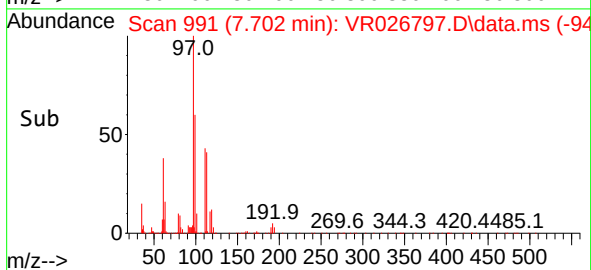
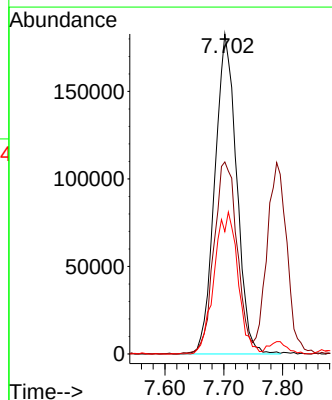
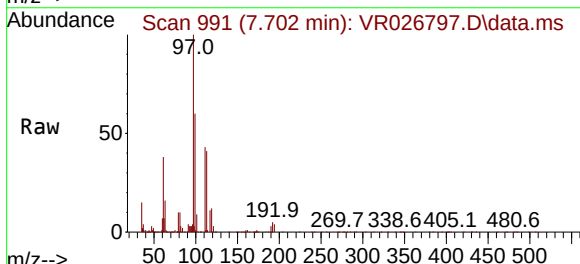
Instrument :
MSVOA_R
ClientSampleId :
ICVVR120425

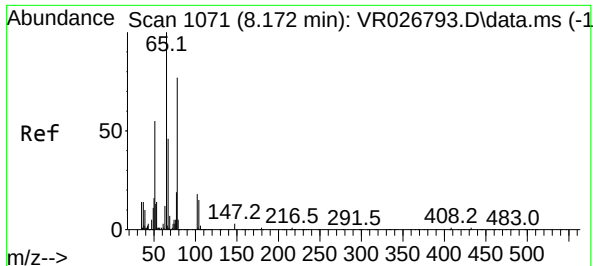
Tgt Ion: 56 Resp: 604401
Ion Ratio Lower Upper
56 100
69 31.4 23.8 35.6
84 85.1 72.3 108.5



#32
1,1,1-Trichloroethane
Concen: 53.277 ug/l
RT: 7.702 min Scan# 991
Delta R.T. -0.012 min
Lab File: VR026797.D
Acq: 4 Dec 2025 16:55

Tgt Ion: 97 Resp: 470869
Ion Ratio Lower Upper
97 100
99 63.9 50.4 75.6
61 48.1 37.9 56.9





#33

1,2-Dichloroethane-d4

Concen: 48.519 ug/l

RT: 8.166 min Scan# 1107

Delta R.T. -0.006 min

Lab File: VR026797.D

Acq: 4 Dec 2025 16:55

Instrument :

MSVOA_R

ClientSampleId :

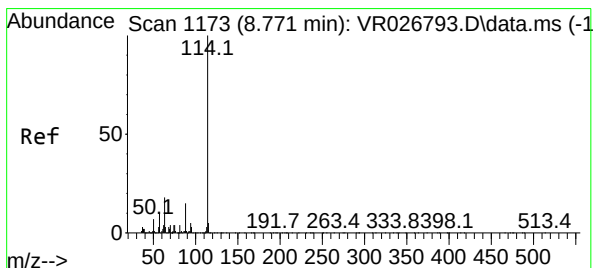
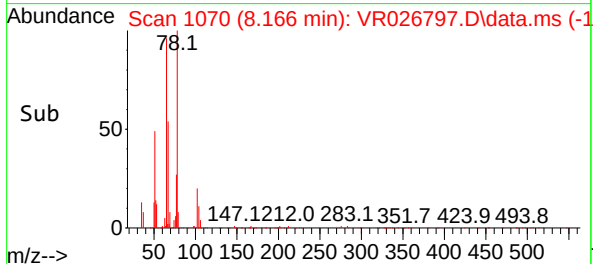
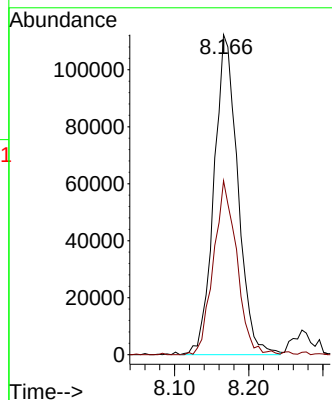
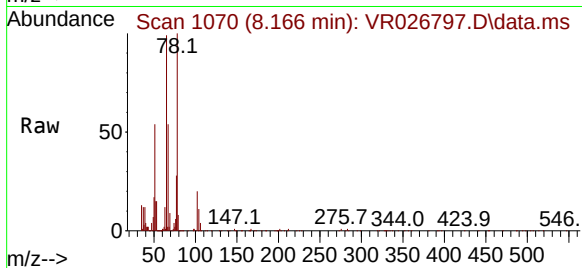
ICVVR120425

Tgt Ion: 65 Resp: 250590

Ion Ratio Lower Upper

65 100

67 53.0 0.0 103.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.765 min Scan# 1172

Delta R.T. -0.006 min

Lab File: VR026797.D

Acq: 4 Dec 2025 16:55

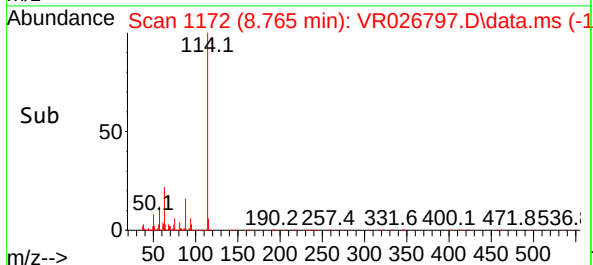
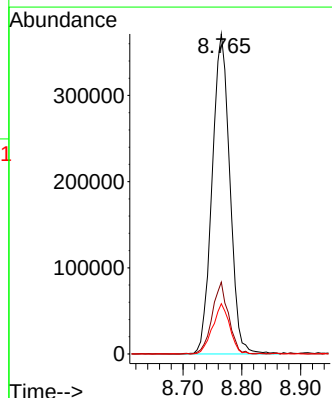
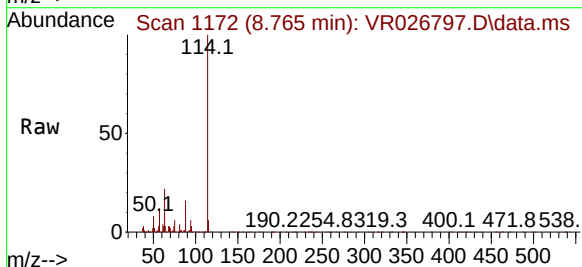
Tgt Ion: 114 Resp: 774842

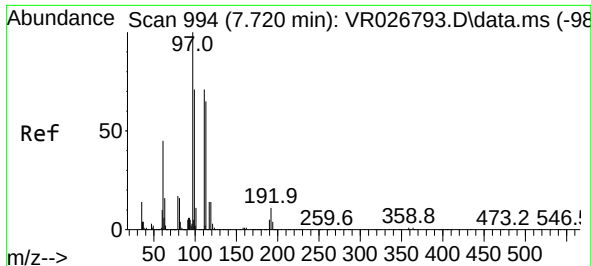
Ion Ratio Lower Upper

114 100

63 22.4 0.0 36.6

88 15.7 0.0 29.8

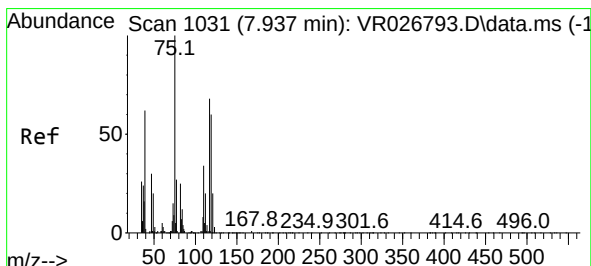
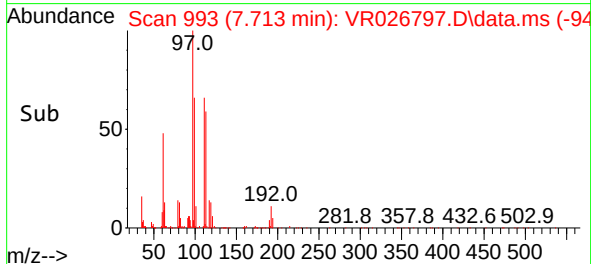
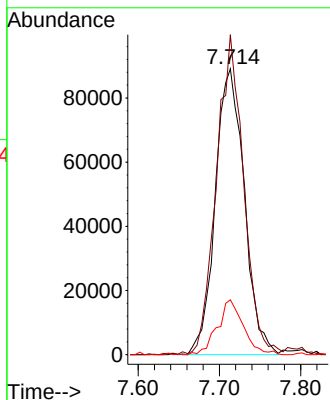
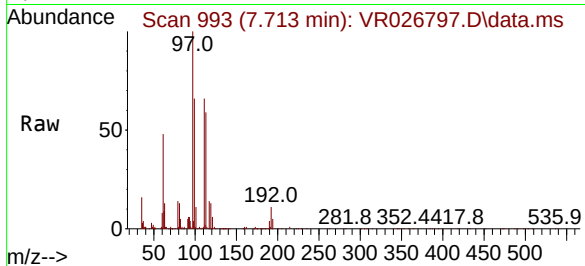




#35
Dibromofluoromethane
Concen: 50.420 ug/l
RT: 7.713 min Scan# 994
Delta R.T. -0.006 min
Lab File: VR026797.D
Acq: 4 Dec 2025 16:55

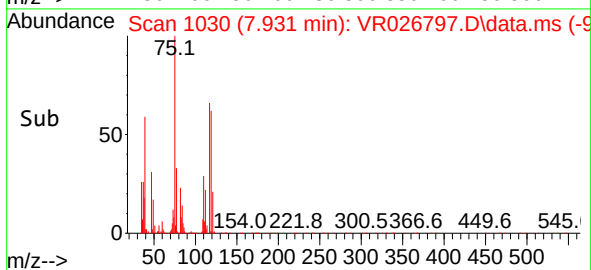
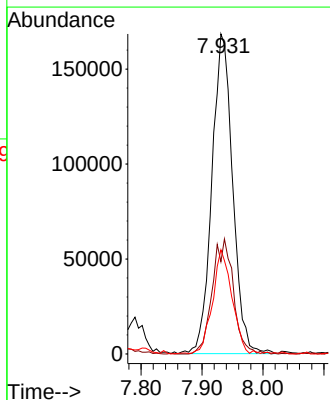
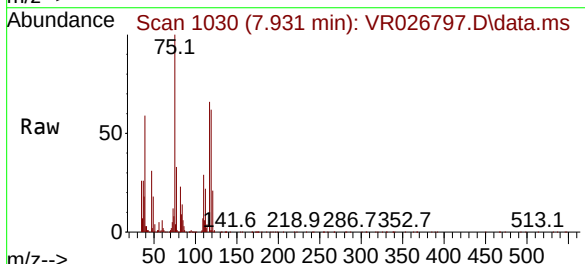
Instrument :
MSVOA_R
ClientSampleId :
ICVVR120425

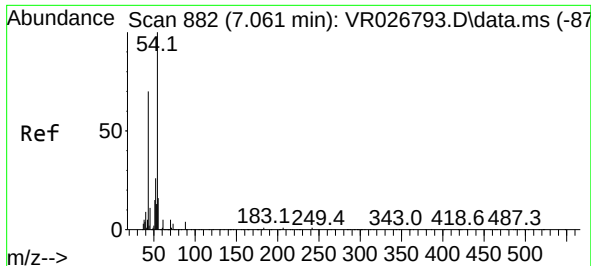
Tgt Ion:113 Resp: 221393
Ion Ratio Lower Upper
113 100
111 104.9 80.5 120.7
192 17.2 13.8 20.8



#36
1,1-Dichloropropene
Concen: 49.174 ug/l
RT: 7.931 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VR026797.D
Acq: 4 Dec 2025 16:55

Tgt Ion: 75 Resp: 398769
Ion Ratio Lower Upper
75 100
110 36.6 17.5 52.6
77 30.8 22.4 33.6





#37

Ethyl Acetate

Concen: 48.126 ug/l

RT: 7.055 min Scan# 81

Delta R.T. -0.006 min

Lab File: VR026797.D

Acq: 4 Dec 2025 16:55

Instrument :

MSVOA_R

ClientSampleId :

ICVVR120425

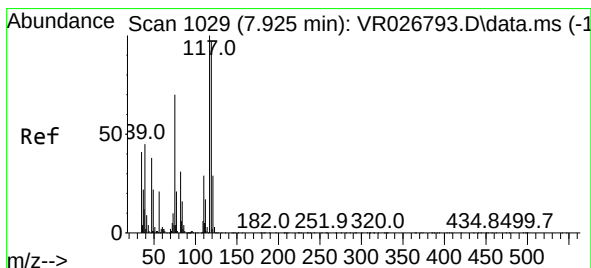
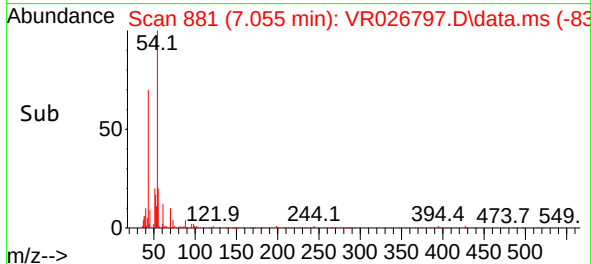
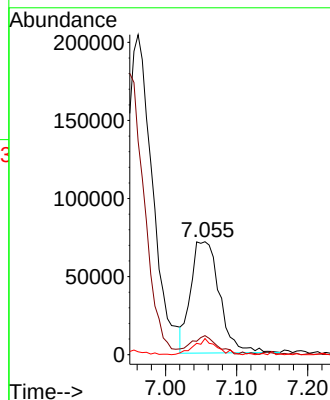
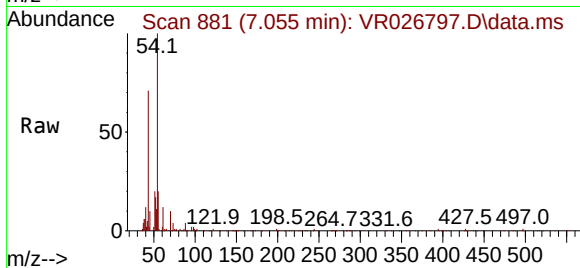
Tgt Ion: 43 Resp: 201579

Ion Ratio Lower Upper

43 100

61 14.8 12.0 18.0

70 11.1 7.8 11.6



#38

Carbon Tetrachloride

Concen: 53.301 ug/l

RT: 7.919 min Scan# 1028

Delta R.T. -0.006 min

Lab File: VR026797.D

Acq: 4 Dec 2025 16:55

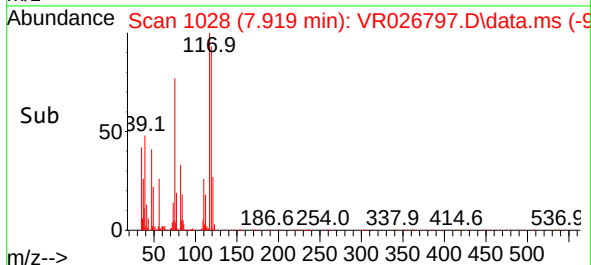
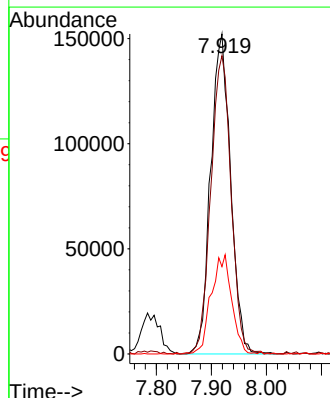
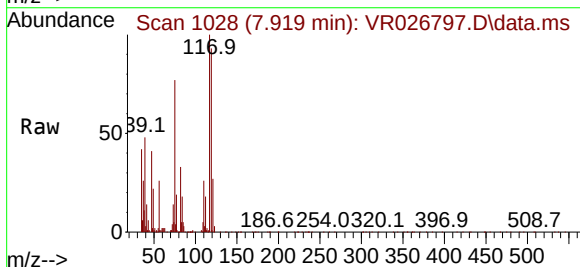
Tgt Ion: 117 Resp: 384054

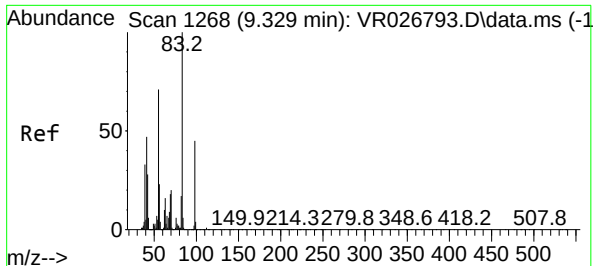
Ion Ratio Lower Upper

117 100

119 93.2 77.5 116.3

121 27.3 23.4 35.2

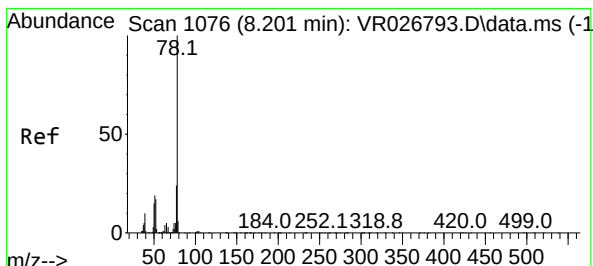
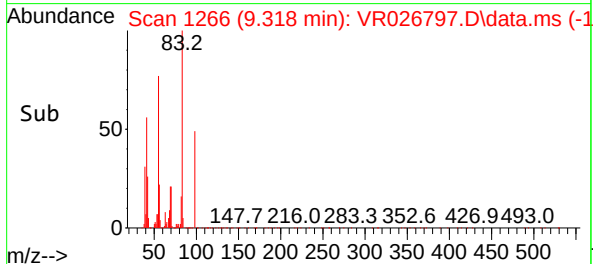
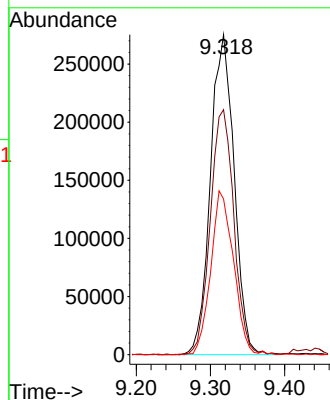
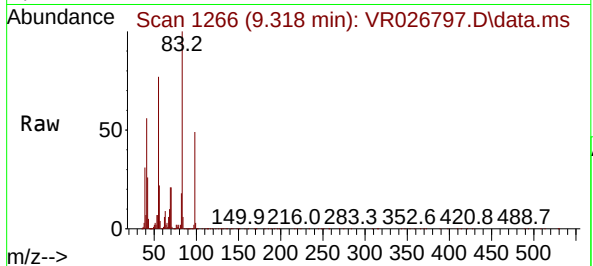




#39
Methylcyclohexane
Concen: 50.525 ug/l
RT: 9.318 min Scan# 11
Delta R.T. -0.011 min
Lab File: VR026797.D
Acq: 4 Dec 2025 16:55

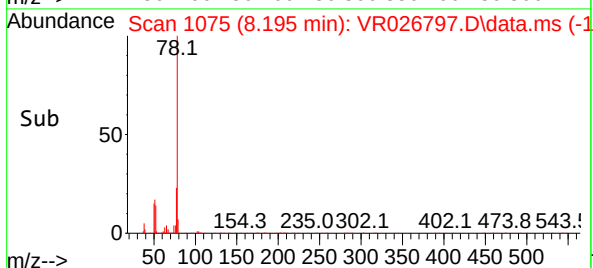
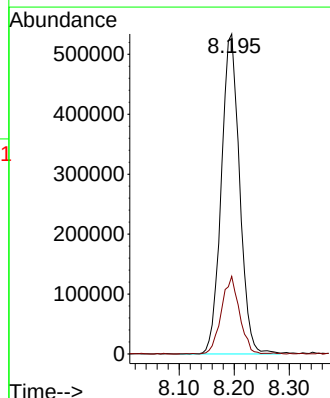
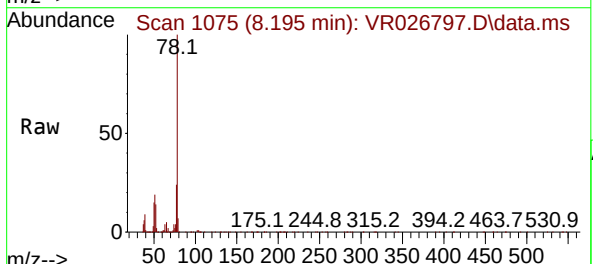
Instrument :
MSVOA_R
ClientSampleId :
ICVVR120425

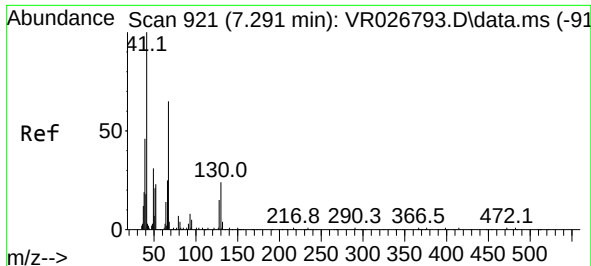
Tgt Ion: 83 Resp: 611211
Ion Ratio Lower Upper
83 100
55 76.6 56.6 85.0
98 48.5 36.0 54.0



#40
Benzene
Concen: 49.616 ug/l
RT: 8.195 min Scan# 1075
Delta R.T. -0.006 min
Lab File: VR026797.D
Acq: 4 Dec 2025 16:55

Tgt Ion: 78 Resp: 1232044
Ion Ratio Lower Upper
78 100
77 24.2 19.5 29.3

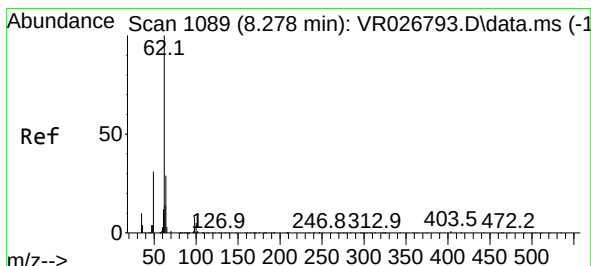
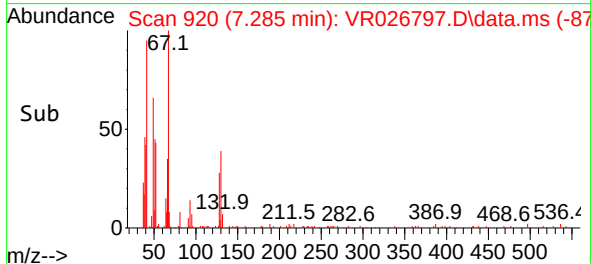
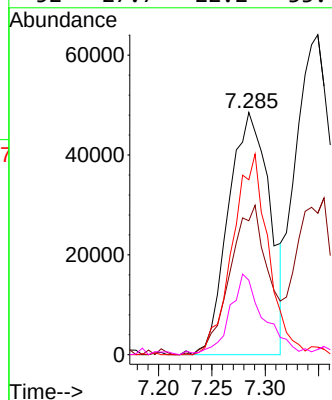
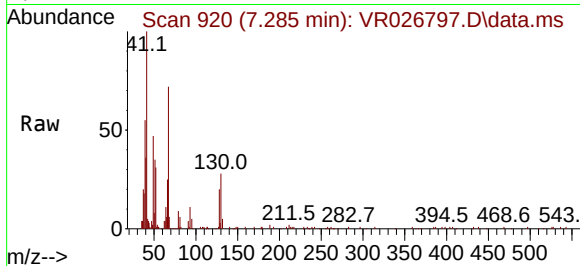




#41
Methacrylonitrile
Concen: 51.772 ug/l
RT: 7.285 min Scan# 91
Delta R.T. -0.006 min
Lab File: VR026797.D
Acq: 4 Dec 2025 16:55

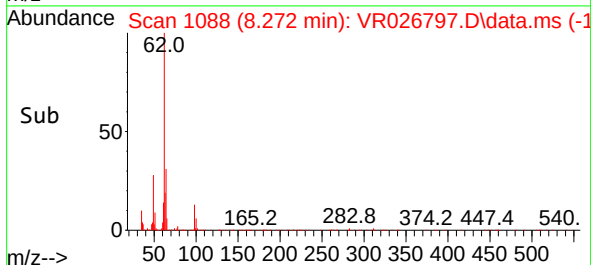
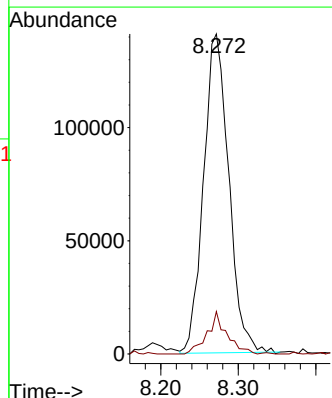
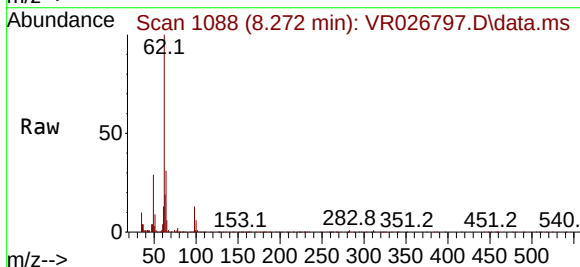
Instrument :
MSVOA_R
ClientSampleId :
ICVVR120425

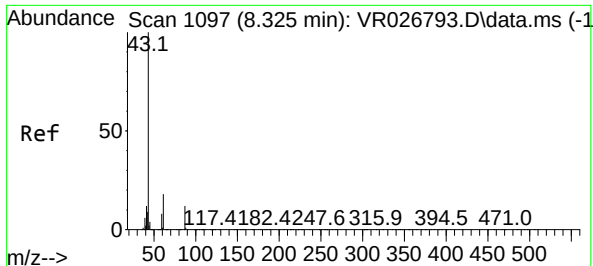
Tgt Ion: 41 Resp: 131475
Ion Ratio Lower Upper
41 100
39 56.2 40.4 60.6
67 71.2 55.5 83.3
52 27.7 22.2 33.4



#42
1,2-Dichloroethane
Concen: 51.746 ug/l
RT: 8.272 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VR026797.D
Acq: 4 Dec 2025 16:55

Tgt Ion: 62 Resp: 318068
Ion Ratio Lower Upper
62 100
98 10.3 0.0 19.2

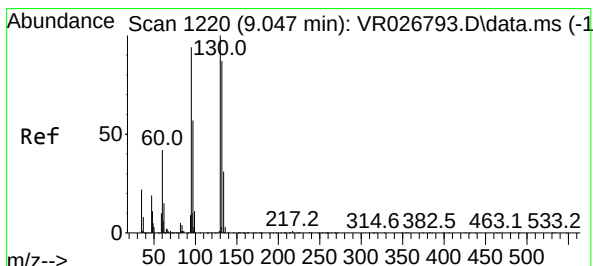
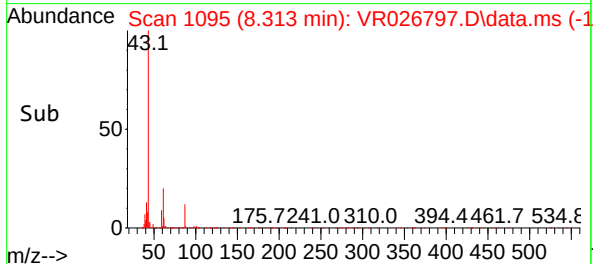
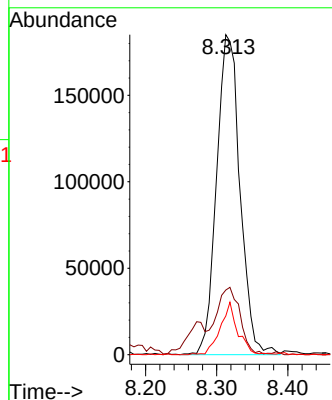
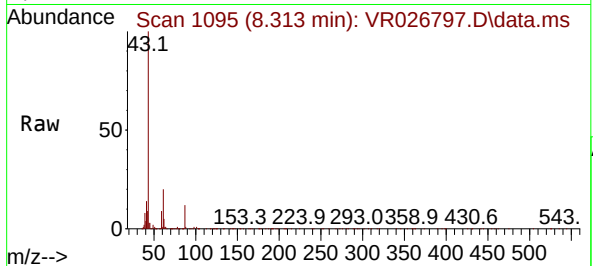




#43
Isopropyl Acetate
Concen: 49.670 ug/l
RT: 8.313 min Scan# 1095
Delta R.T. -0.012 min
Lab File: VR026797.D
Acq: 4 Dec 2025 16:55

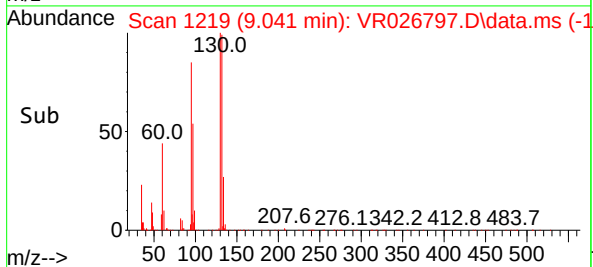
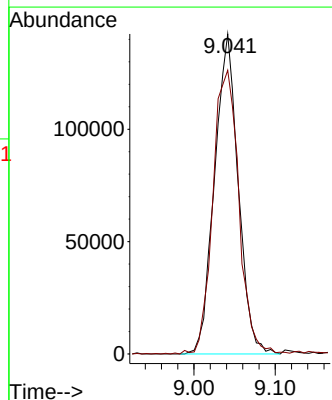
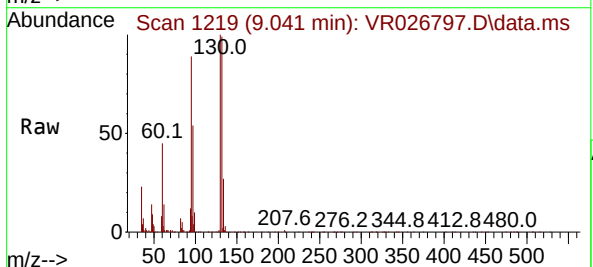
Instrument :
MSVOA_R
ClientSampleId :
ICVVR120425

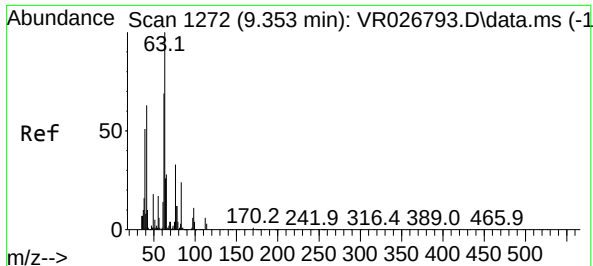
Tgt Ion: 43 Resp: 423093
Ion Ratio Lower Upper
43 100
61 20.9 17.0 25.6
87 12.3 10.5 15.7



#44
Trichloroethene
Concen: 48.834 ug/l
RT: 9.041 min Scan# 1219
Delta R.T. -0.006 min
Lab File: VR026797.D
Acq: 4 Dec 2025 16:55

Tgt Ion:130 Resp: 288278
Ion Ratio Lower Upper
130 100
95 88.6 0.0 188.0





#45

1,2-Dichloropropane

Concen: 48.637 ug/l

RT: 9.347 min Scan# 1271

Delta R.T. -0.006 min

Lab File: VR026797.D

Acq: 4 Dec 2025 16:55

Instrument :

MSVOA_R

ClientSampleId :

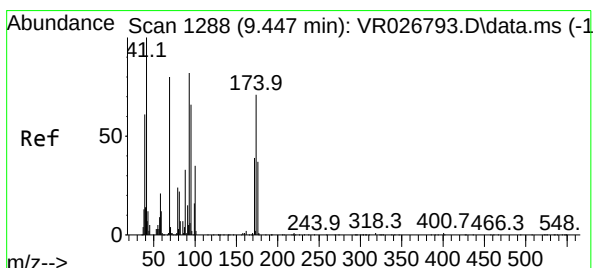
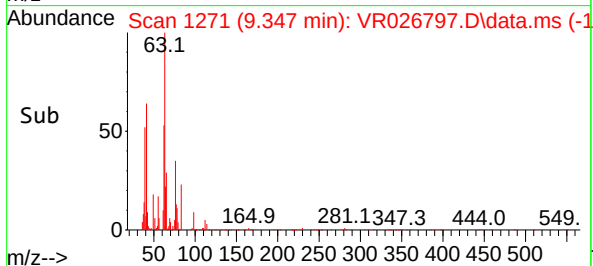
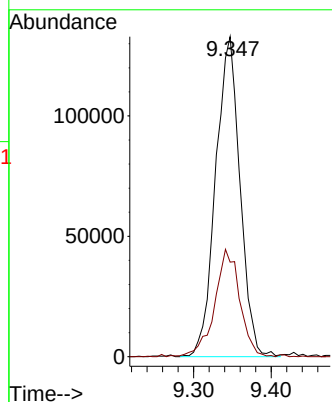
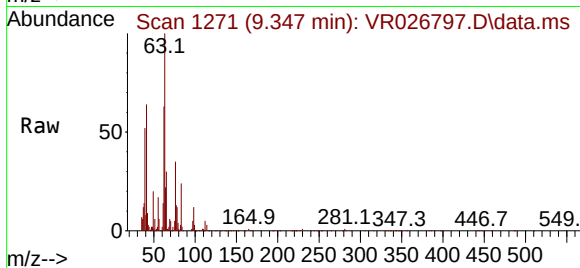
ICVVR120425

Tgt Ion: 63 Resp: 290554

Ion Ratio Lower Upper

63 100

65 29.3 22.7 34.1



#46

Dibromomethane

Concen: 48.641 ug/l

RT: 9.441 min Scan# 1287

Delta R.T. -0.006 min

Lab File: VR026797.D

Acq: 4 Dec 2025 16:55

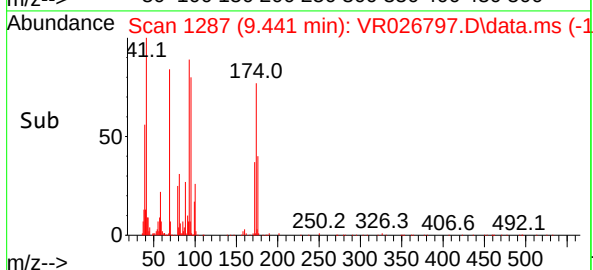
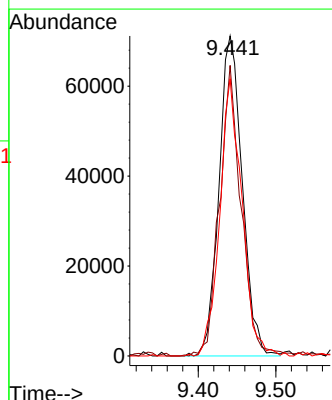
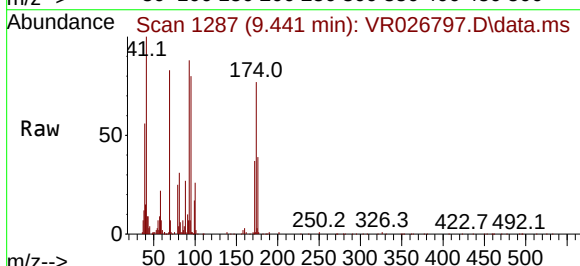
Tgt Ion: 93 Resp: 148834

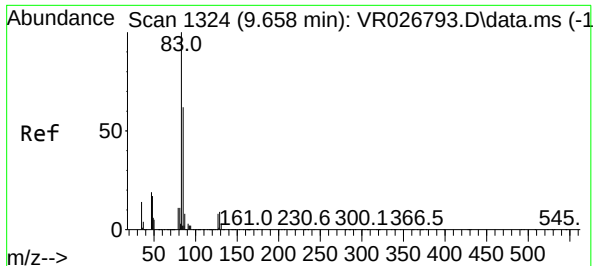
Ion Ratio Lower Upper

93 100

95 84.1 63.4 95.2

174 82.8 67.1 100.7

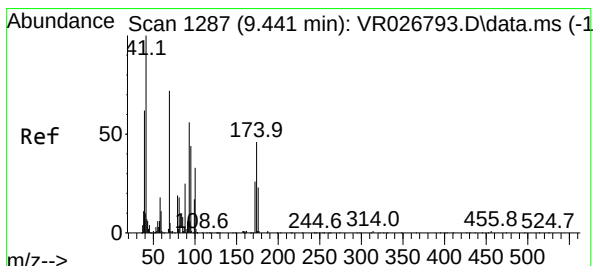
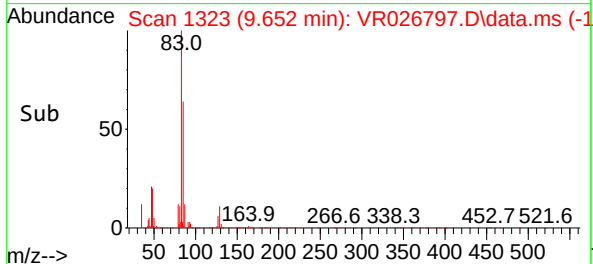
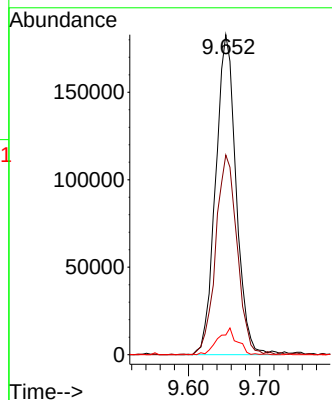
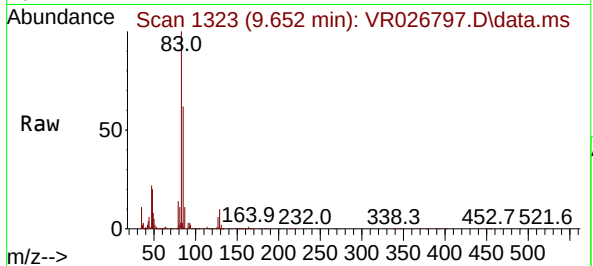




#47
Bromodichloromethane
Concen: 47.952 ug/l
RT: 9.652 min Scan# 11
Delta R.T. -0.006 min
Lab File: VR026797.D
Acq: 4 Dec 2025 16:55

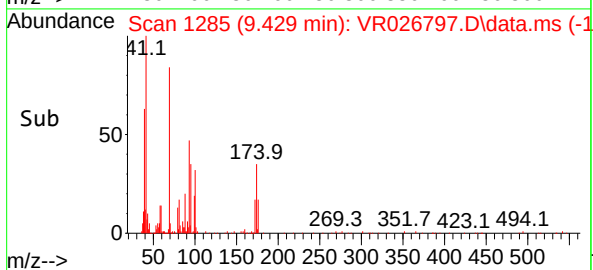
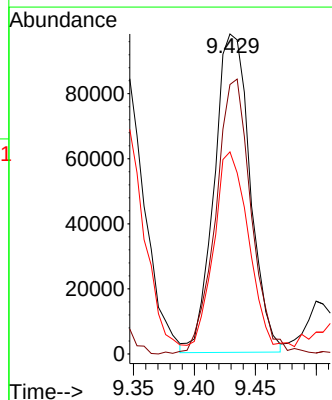
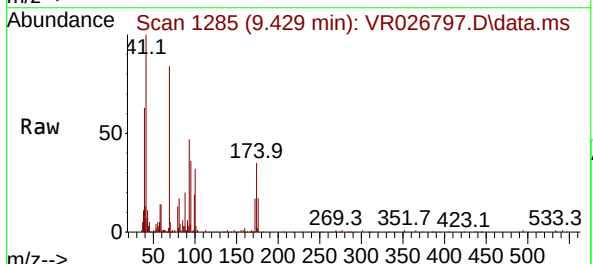
Instrument :
MSVOA_R
ClientSampleId :
ICVVR120425

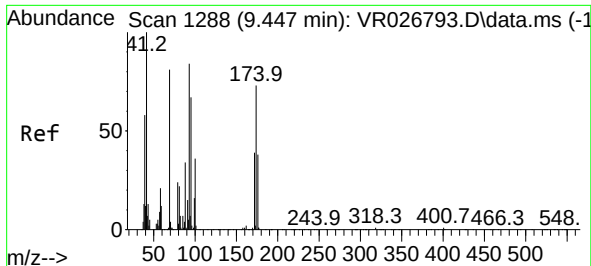
Tgt Ion: 83 Resp: 365992
Ion Ratio Lower Upper
83 100
85 62.3 49.8 74.8
127 6.1 6.5 9.7#



#48
Methyl methacrylate
Concen: 47.912 ug/l
RT: 9.429 min Scan# 1285
Delta R.T. -0.012 min
Lab File: VR026797.D
Acq: 4 Dec 2025 16:55

Tgt Ion: 41 Resp: 200837
Ion Ratio Lower Upper
41 100
69 85.7 60.6 90.8
39 62.3 48.2 72.2





#49

1,4-Dioxane

Concen: 928.188 ug/l

RT: 9.435 min Scan# 1

Delta R.T. -0.012 min

Lab File: VR026797.D

Acq: 4 Dec 2025 16:55

Instrument :

MSVOA_R

ClientSampleId :

ICVVR120425

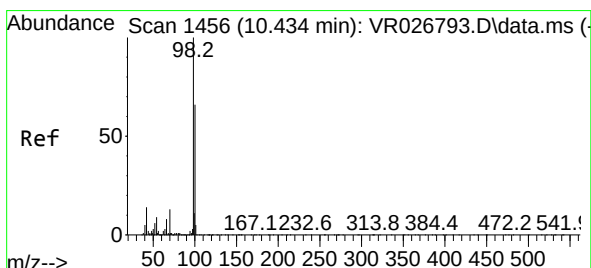
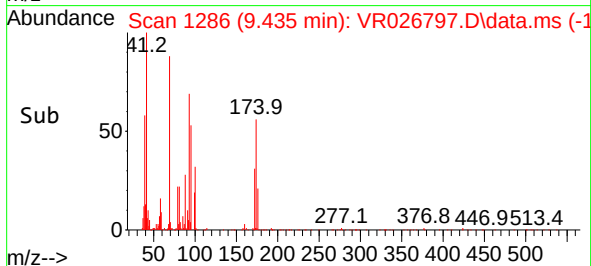
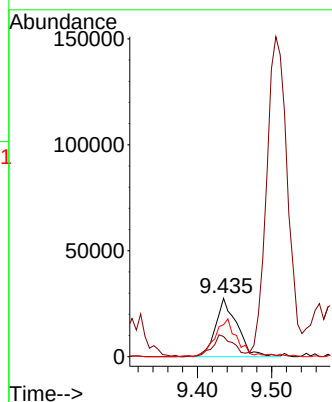
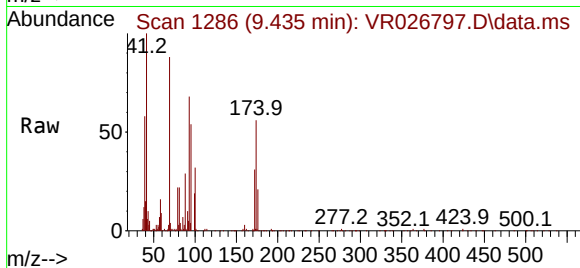
Tgt Ion: 88 Resp: 55650

Ion Ratio Lower Upper

88 100

43 35.9 14.1 21.1#

58 66.6 52.6 78.8



#50

Toluene-d8

Concen: 50.517 ug/l

RT: 10.428 min Scan# 1455

Delta R.T. -0.006 min

Lab File: VR026797.D

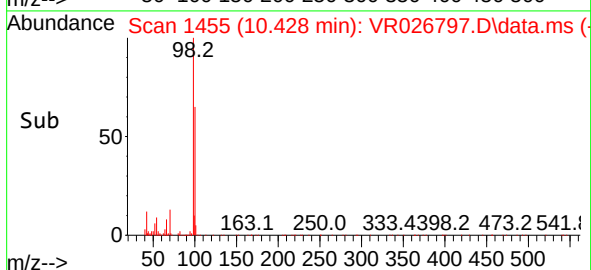
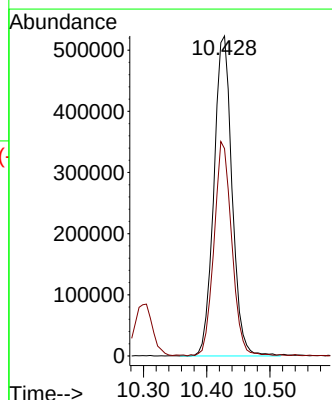
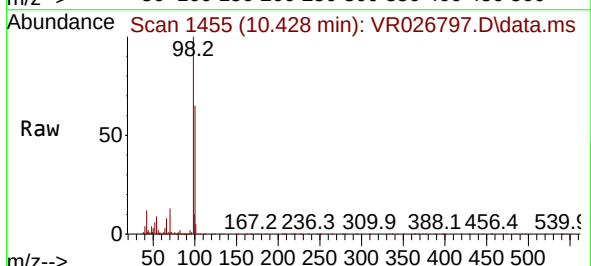
Acq: 4 Dec 2025 16:55

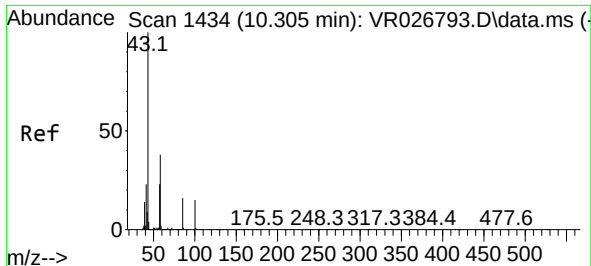
Tgt Ion: 98 Resp: 1044612

Ion Ratio Lower Upper

98 100

100 65.3 53.8 80.6

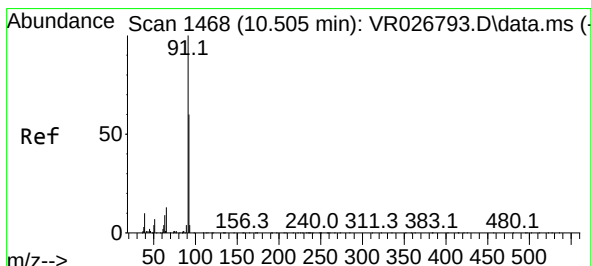
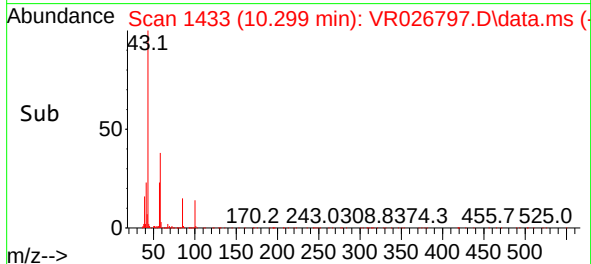
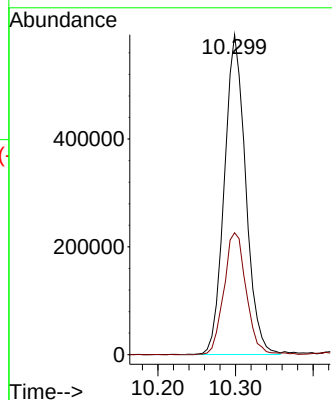
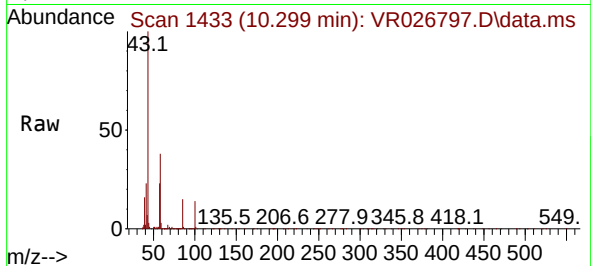




#51
4-Methyl-2-Pentanone
Concen: 250.992 ug/l
RT: 10.299 min Scan# 1433
Delta R.T. -0.006 min
Lab File: VR026797.D
Acq: 4 Dec 2025 16:55

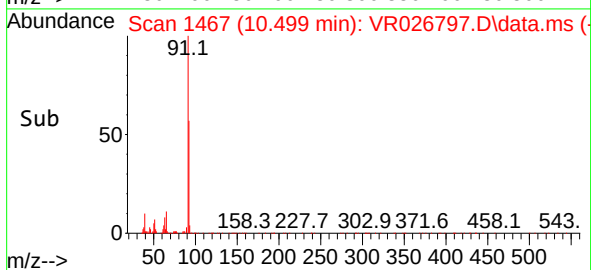
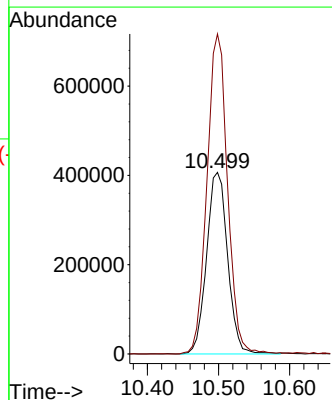
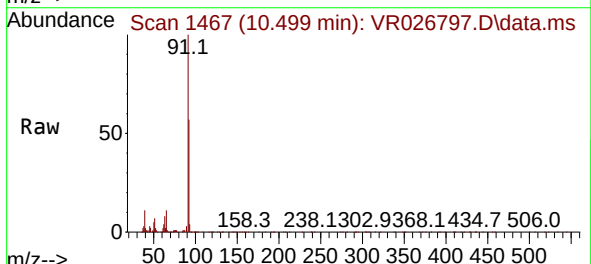
Instrument : MSVOA_R
ClientSampleId : ICVVR120425

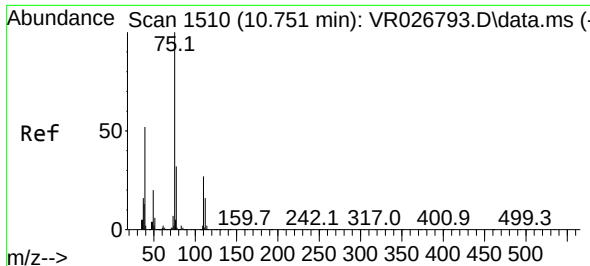
Tgt Ion: 43 Resp: 1135708
Ion Ratio Lower Upper
43 100
58 40.1 31.1 46.7



#52
Toluene
Concen: 50.395 ug/l
RT: 10.499 min Scan# 1467
Delta R.T. -0.006 min
Lab File: VR026797.D
Acq: 4 Dec 2025 16:55

Tgt Ion: 92 Resp: 838374
Ion Ratio Lower Upper
92 100
91 171.8 139.7 209.5

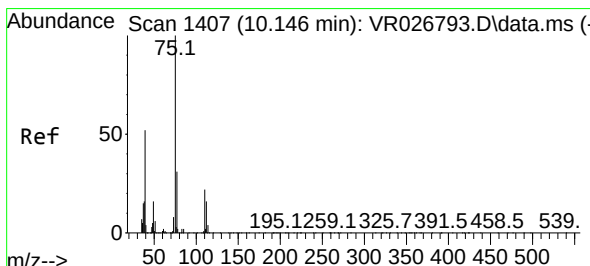
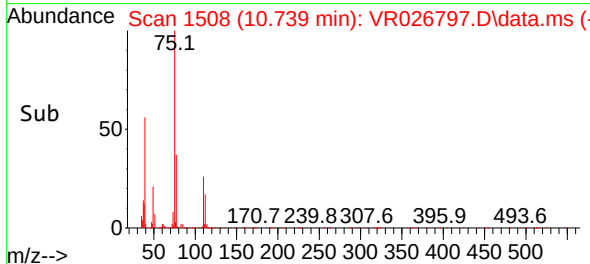
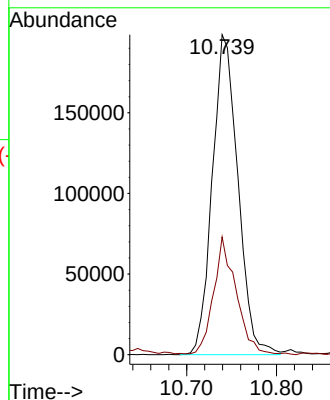
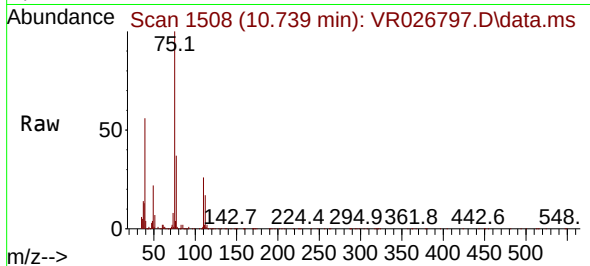




#53
t-1,3-Dichloropropene
Concen: 50.016 ug/l
RT: 10.739 min Scan# 11
Delta R.T. -0.012 min
Lab File: VR026797.D
Acq: 4 Dec 2025 16:55

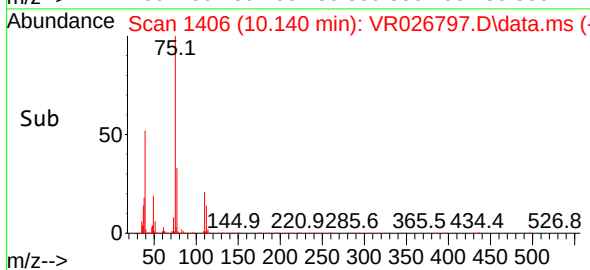
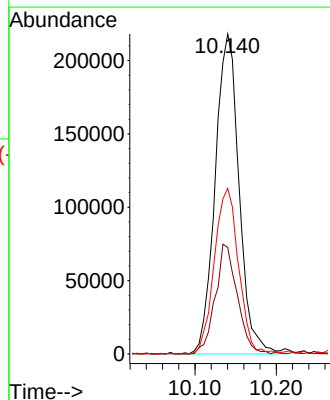
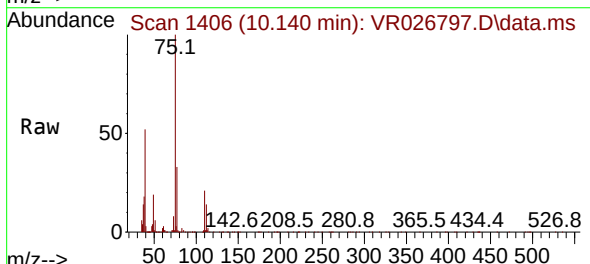
Instrument :
MSVOA_R
ClientSampleId :
ICVVR120425

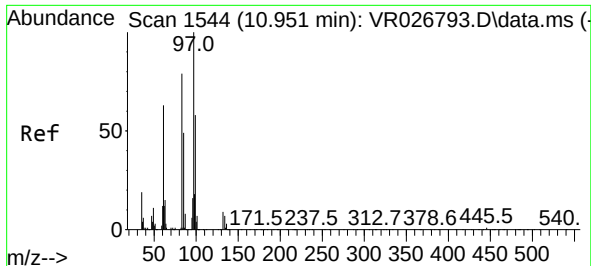
Tgt Ion: 75 Resp: 392537
Ion Ratio Lower Upper
75 100
77 36.4 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 47.551 ug/l
RT: 10.140 min Scan# 1406
Delta R.T. -0.006 min
Lab File: VR026797.D
Acq: 4 Dec 2025 16:55

Tgt Ion: 75 Resp: 446186
Ion Ratio Lower Upper
75 100
77 33.3 24.6 37.0
39 51.6 41.8 62.6



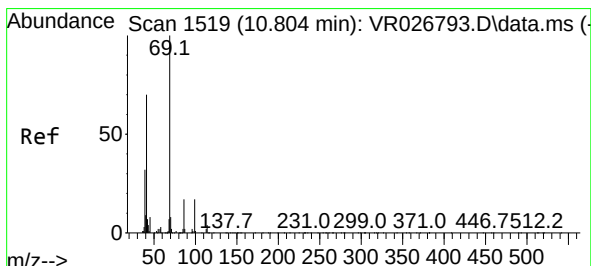
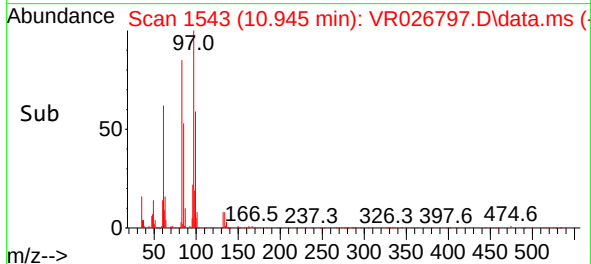
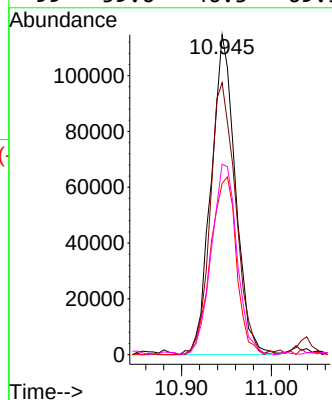
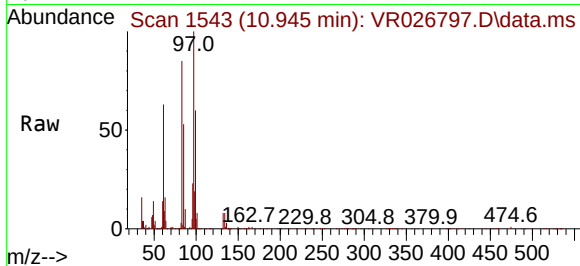


#55
1,1,2-Trichloroethane
Concen: 49.058 ug/l
RT: 10.945 min Scan# 1543
Delta R.T. -0.006 min
Lab File: VR026797.D
Acq: 4 Dec 2025 16:55

Instrument : MSVOA_R
ClientSampleId : ICVVR120425

Tgt Ion: 97 Resp: 215921

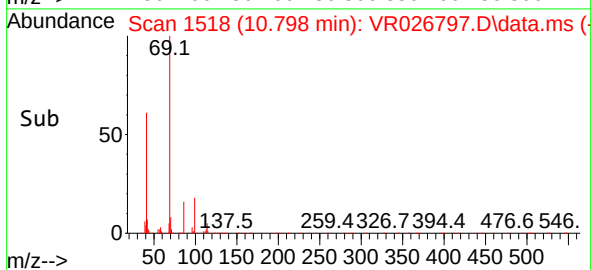
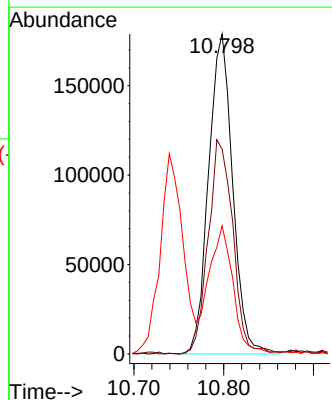
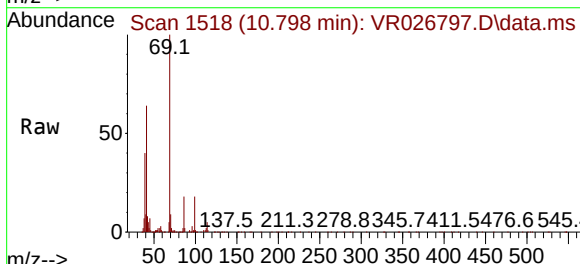
Ion	Ratio	Lower	Upper
97	100		
83	84.8	63.4	95.2
85	53.5	39.2	58.8
99	59.6	46.3	69.5

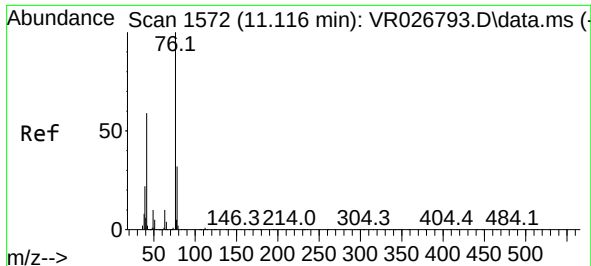


#56
Ethyl methacrylate
Concen: 51.103 ug/l
RT: 10.798 min Scan# 1518
Delta R.T. -0.006 min
Lab File: VR026797.D
Acq: 4 Dec 2025 16:55

Tgt Ion: 69 Resp: 332823

Ion	Ratio	Lower	Upper
69	100		
41	68.6	55.3	82.9
39	39.6	33.7	50.5





#57

1,3-Dichloropropane

Concen: 48.722 ug/l

RT: 11.110 min Scan# 11

Delta R.T. -0.006 min

Lab File: VR026797.D

Acq: 4 Dec 2025 16:55

Instrument :

MSVOA_R

ClientSampleId :

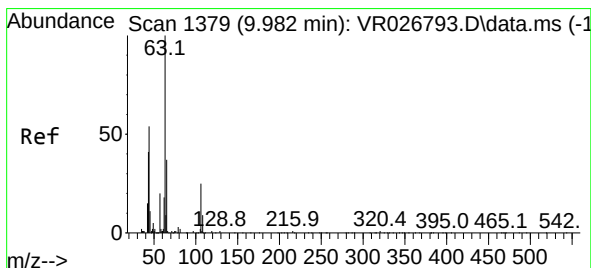
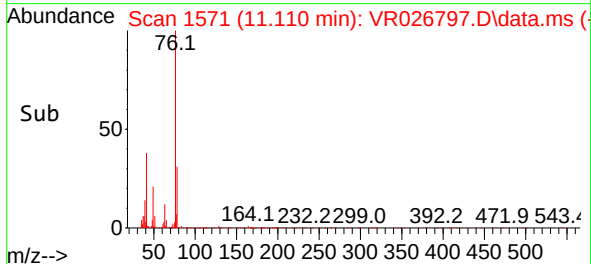
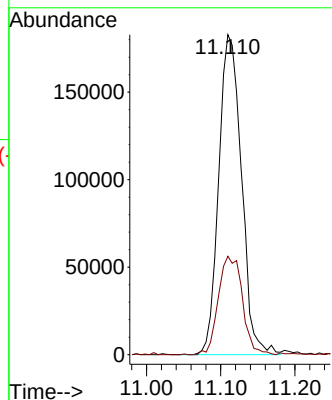
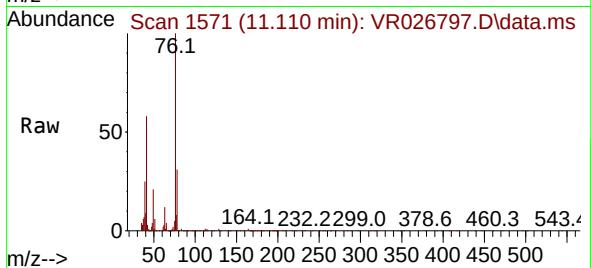
ICVVR120425

Tgt Ion: 76 Resp: 389042

Ion Ratio Lower Upper

76 100

78 32.4 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 225.475 ug/l

RT: 9.970 min Scan# 1377

Delta R.T. -0.012 min

Lab File: VR026797.D

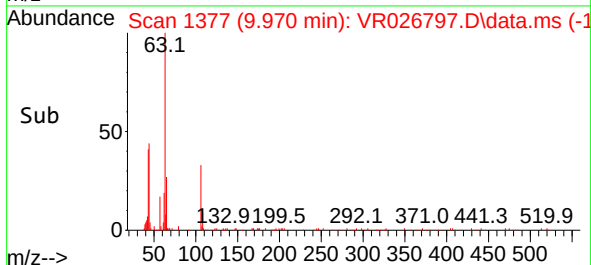
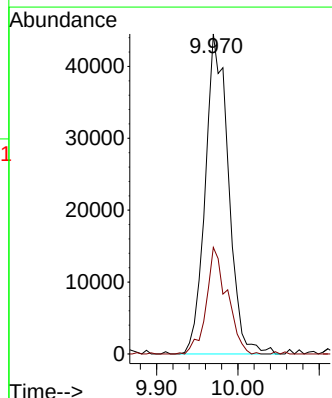
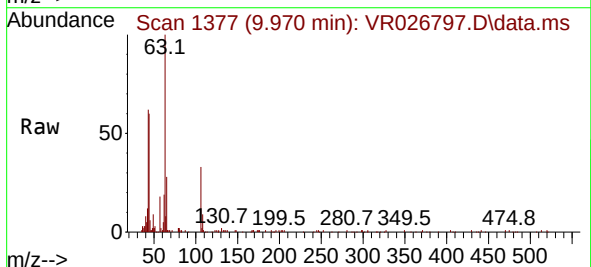
Acq: 4 Dec 2025 16:55

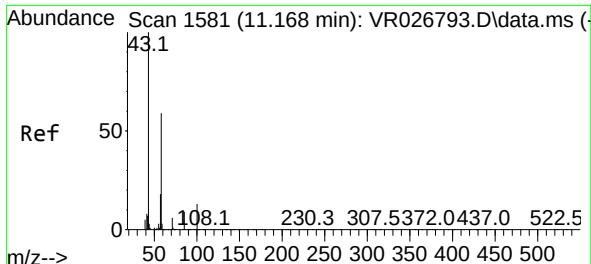
Tgt Ion: 63 Resp: 88050

Ion Ratio Lower Upper

63 100

106 29.9 23.7 35.5

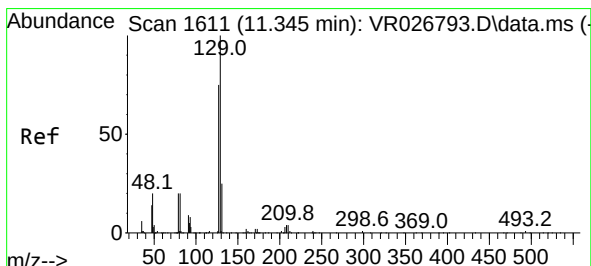
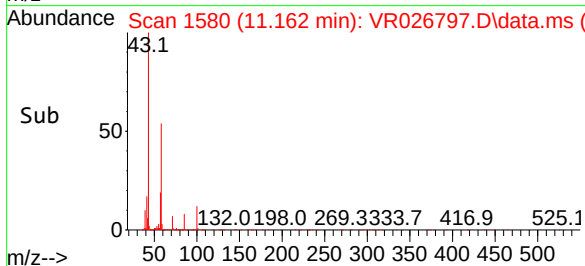
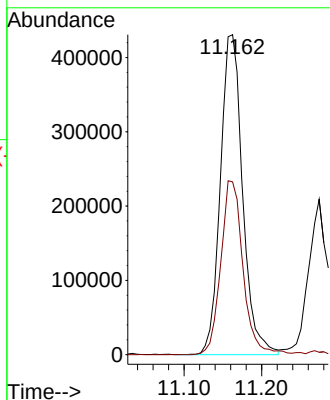
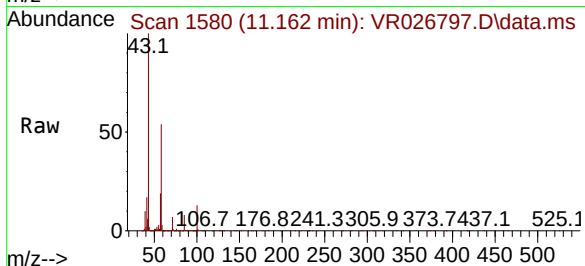




#59
2-Hexanone
Concen: 213.995 ug/l
RT: 11.162 min Scan# 11
Delta R.T. -0.006 min
Lab File: VR026797.D
Acq: 4 Dec 2025 16:55

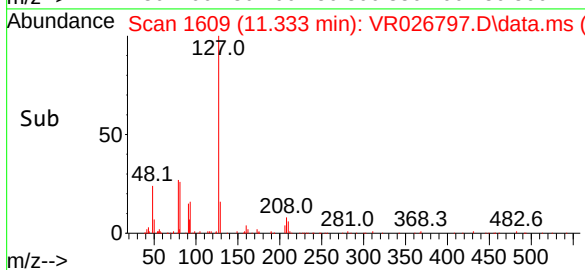
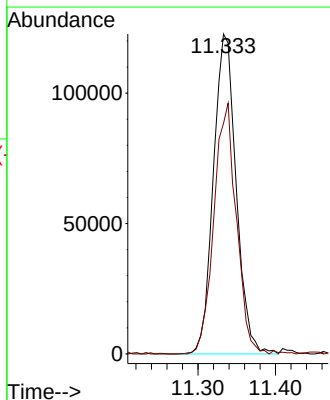
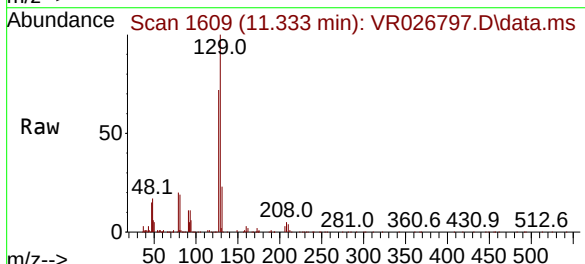
Instrument :
MSVOA_R
ClientSampleId :
ICVVR120425

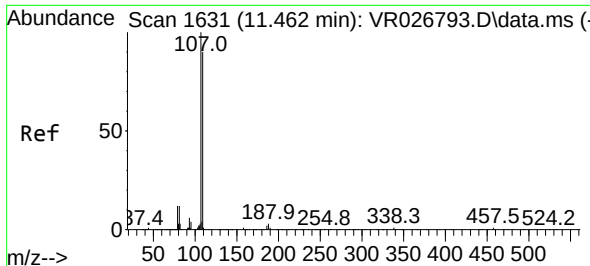
Tgt Ion: 43 Resp: 858828
Ion Ratio Lower Upper
43 100
58 54.3 27.1 81.2



#60
Dibromochloromethane
Concen: 52.703 ug/l
RT: 11.333 min Scan# 1609
Delta R.T. -0.012 min
Lab File: VR026797.D
Acq: 4 Dec 2025 16:55

Tgt Ion:129 Resp: 250778
Ion Ratio Lower Upper
129 100
127 77.1 40.6 121.8

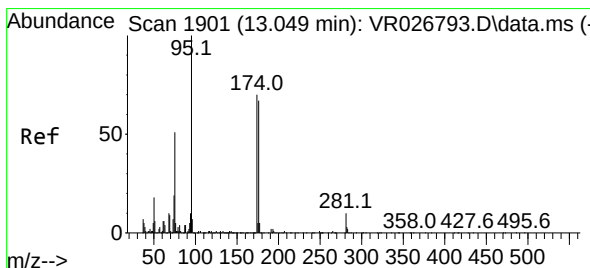
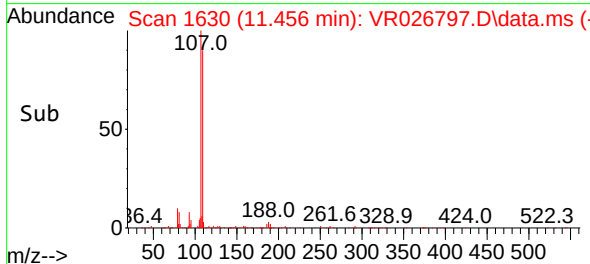
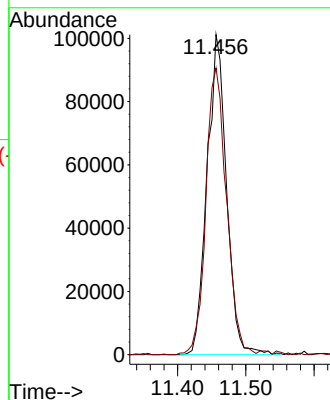
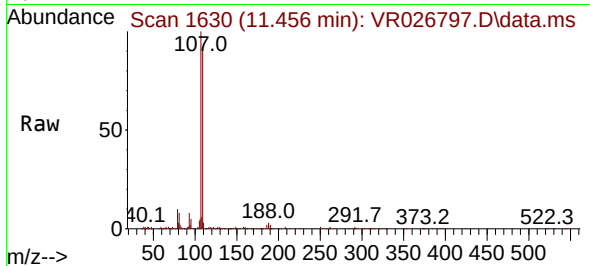




#61
1,2-Dibromoethane
Concen: 48.509 ug/l
RT: 11.456 min Scan# 1
Delta R.T. -0.006 min
Lab File: VR026797.D
Acq: 4 Dec 2025 16:55

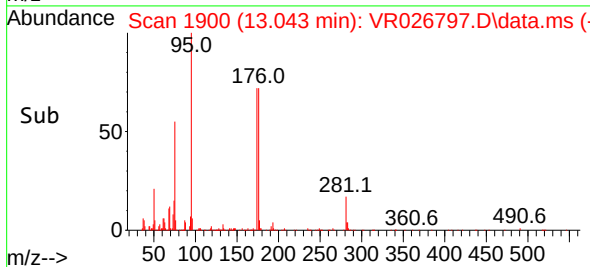
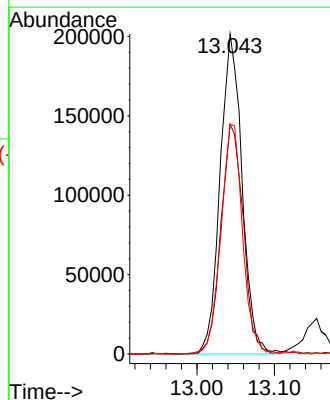
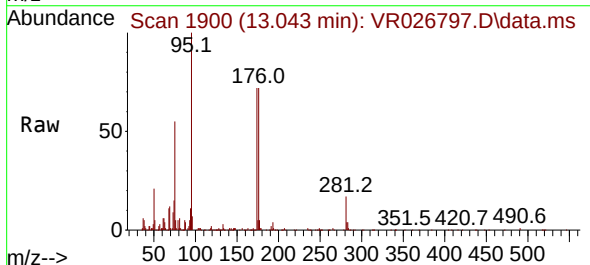
Instrument :
MSVOA_R
ClientSampleId :
ICVVR120425

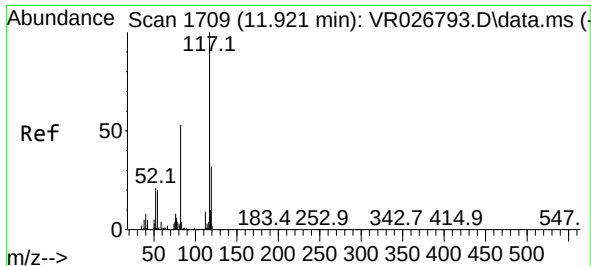
Tgt Ion:107 Resp: 201046
Ion Ratio Lower Upper
107 100
109 94.6 76.7 115.1



#62
4-Bromofluorobenzene
Concen: 49.874 ug/l
RT: 13.043 min Scan# 1900
Delta R.T. -0.006 min
Lab File: VR026797.D
Acq: 4 Dec 2025 16:55

Tgt Ion: 95 Resp: 396369
Ion Ratio Lower Upper
95 100
174 73.1 0.0 145.6
176 71.1 0.0 140.6

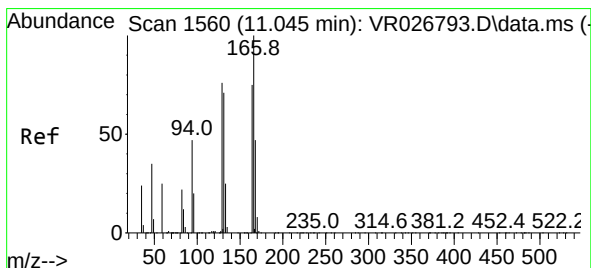
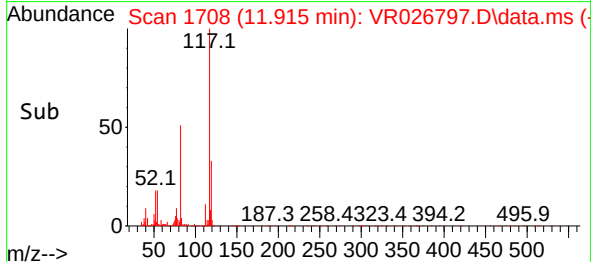
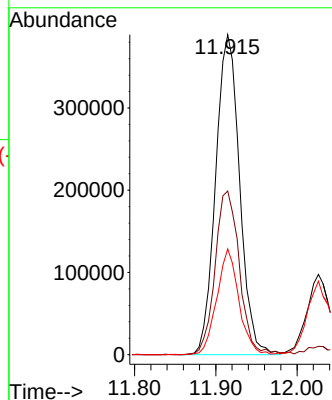
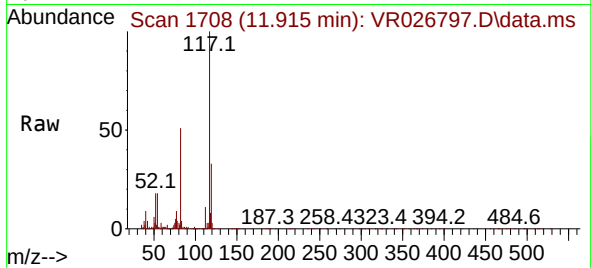




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.915 min Scan# 11
Delta R.T. -0.006 min
Lab File: VR026797.D
Acq: 4 Dec 2025 16:55

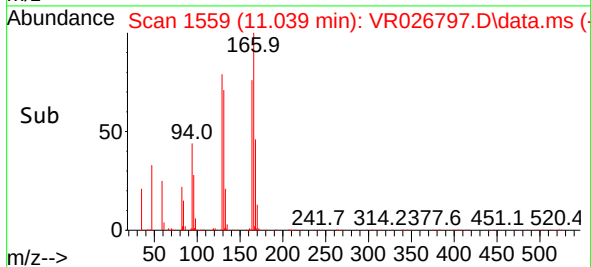
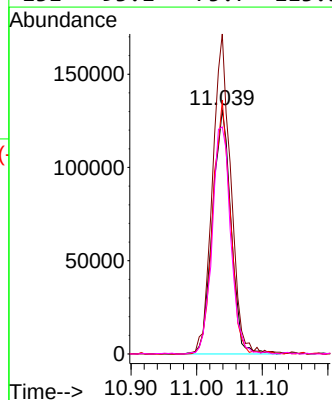
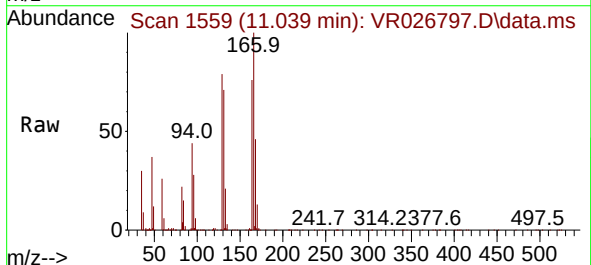
Instrument :
MSVOA_R
ClientSampleId :
ICVVR120425

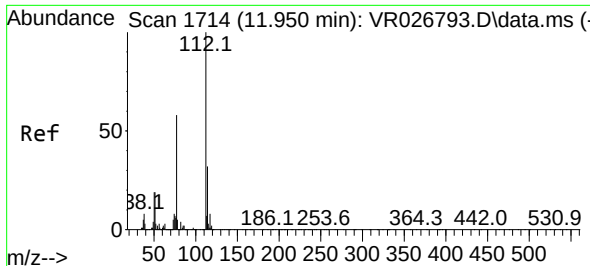
Tgt Ion:117 Resp: 798848
Ion Ratio Lower Upper
117 100
82 51.2 42.3 63.5
119 33.0 25.8 38.6



#64
Tetrachloroethene
Concen: 46.513 ug/l
RT: 11.039 min Scan# 1559
Delta R.T. -0.006 min
Lab File: VR026797.D
Acq: 4 Dec 2025 16:55

Tgt Ion:164 Resp: 257275
Ion Ratio Lower Upper
164 100
166 131.2 106.5 159.7
129 104.0 81.1 121.7
131 93.1 75.7 113.5

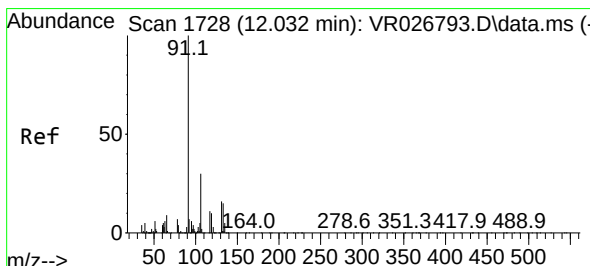
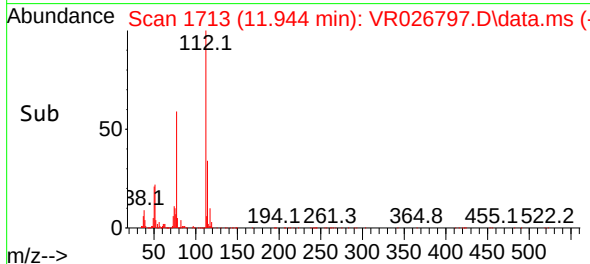
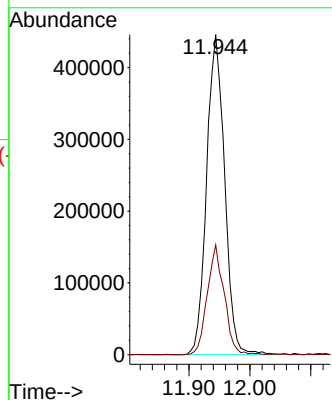
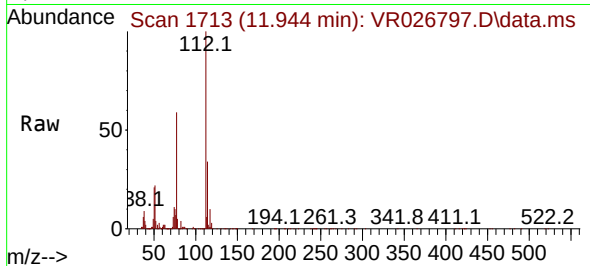




#65
Chlorobenzene
Concen: 46.991 ug/l
RT: 11.944 min Scan# 1713
Delta R.T. -0.006 min
Lab File: VR026797.D
Acq: 4 Dec 2025 16:55

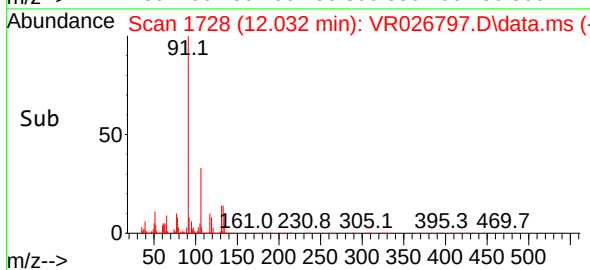
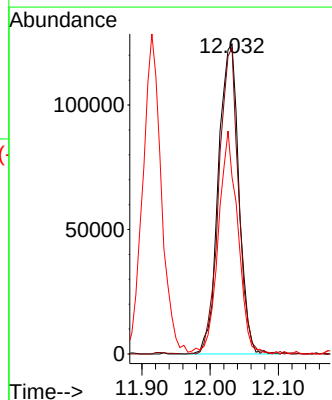
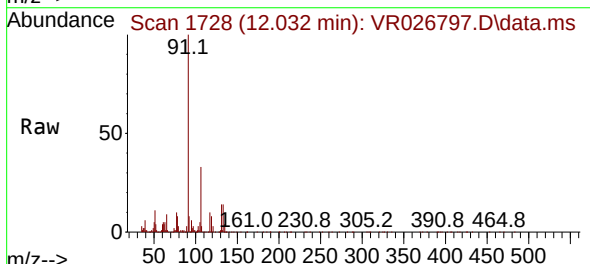
Instrument :
MSVOA_R
ClientSampleId :
ICVVR120425

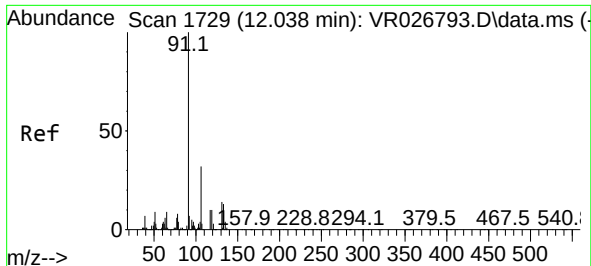
Tgt Ion:112 Resp: 918519
Ion Ratio Lower Upper
112 100
114 34.3 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 48.784 ug/l
RT: 12.032 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VR026797.D
Acq: 4 Dec 2025 16:55

Tgt Ion:131 Resp: 260392
Ion Ratio Lower Upper
131 100
133 94.6 47.0 141.2
119 67.9 34.9 104.7

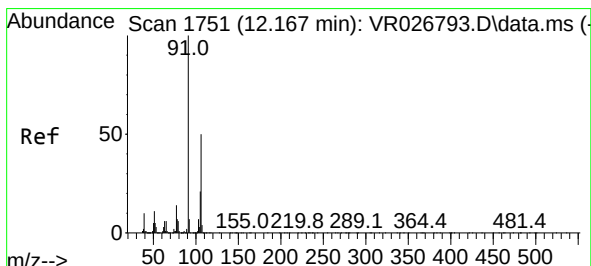
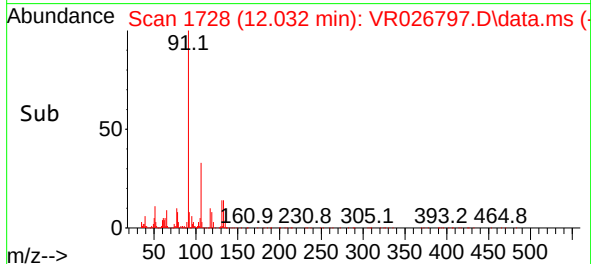
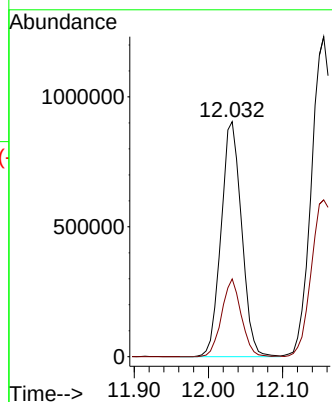
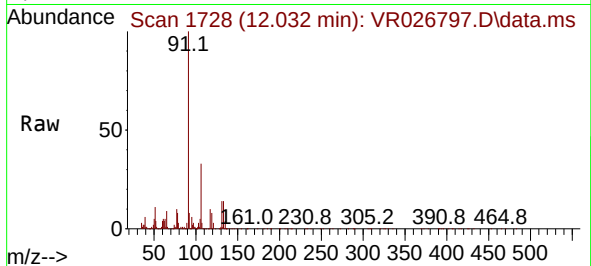




#67
Ethyl Benzene
Concen: 49.489 ug/l
RT: 12.032 min Scan# 1729
Delta R.T. -0.006 min
Lab File: VR026797.D
Acq: 4 Dec 2025 16:55

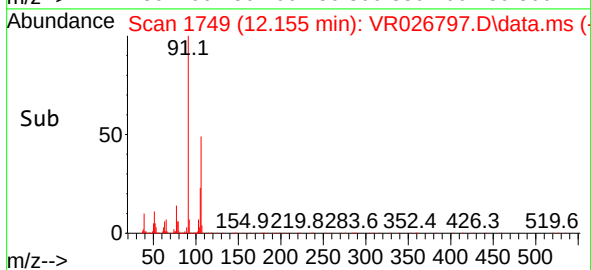
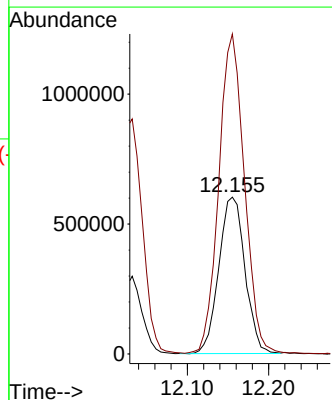
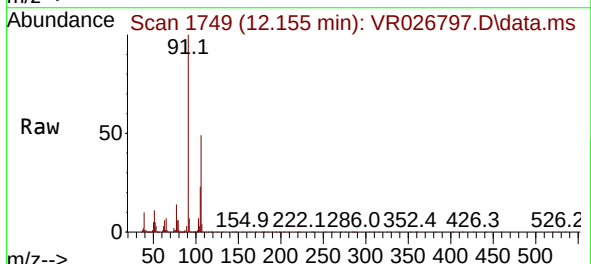
Instrument :
MSVOA_R
ClientSampleId :
ICVVR120425

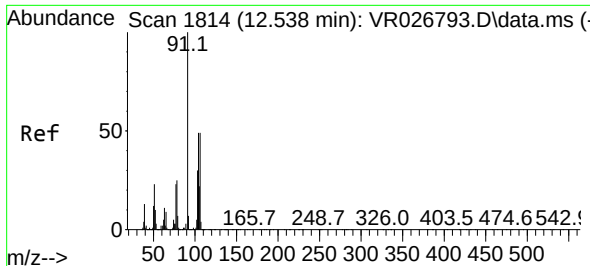
Tgt Ion: 91 Resp: 1739895
Ion Ratio Lower Upper
91 100
106 33.1 25.2 37.8



#68
m/p-Xylenes
Concen: 98.076 ug/l
RT: 12.155 min Scan# 1749
Delta R.T. -0.012 min
Lab File: VR026797.D
Acq: 4 Dec 2025 16:55

Tgt Ion:106 Resp: 1349129
Ion Ratio Lower Upper
106 100
91 200.3 159.2 238.8

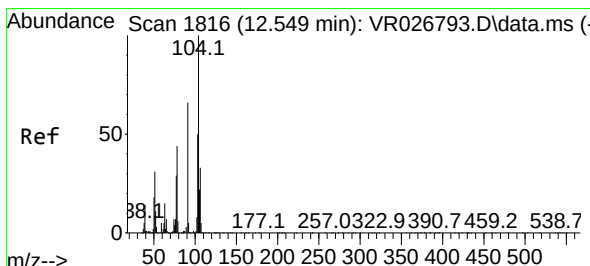
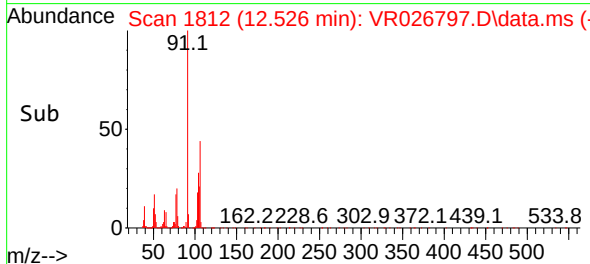
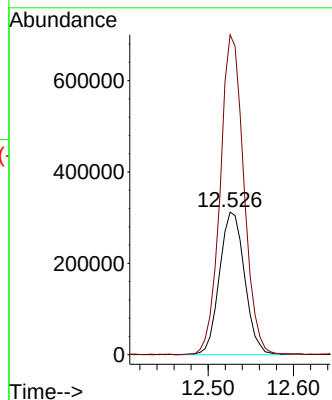
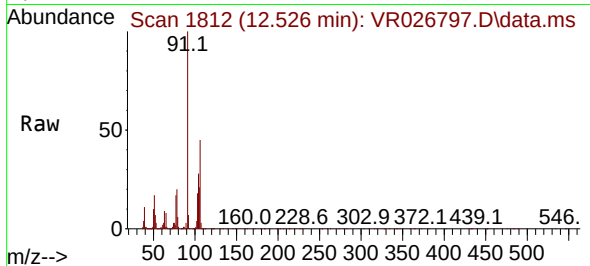




#69
o-Xylene
Concen: 48.273 ug/l
RT: 12.526 min Scan# 1812
Delta R.T. -0.012 min
Lab File: VR026797.D
Acq: 4 Dec 2025 16:55

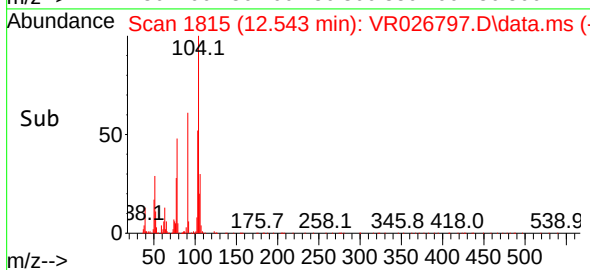
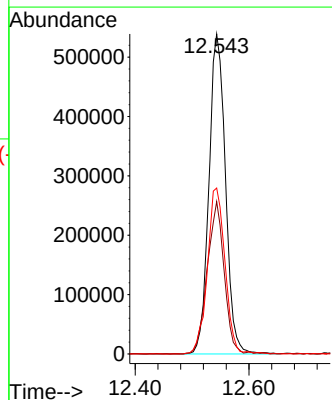
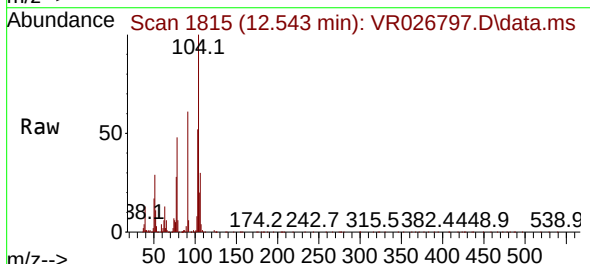
Instrument :
MSVOA_R
ClientSampleId :
ICVVR120425

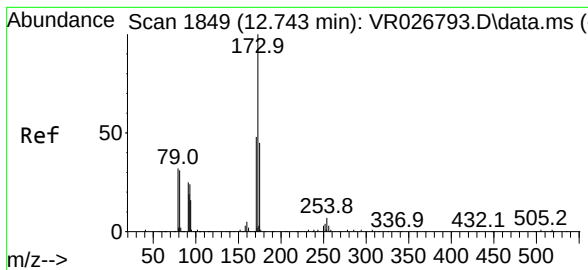
Tgt Ion:106 Resp: 638667
Ion Ratio Lower Upper
106 100
91 212.1 102.5 307.4



#70
Styrene
Concen: 47.925 ug/l
RT: 12.543 min Scan# 1815
Delta R.T. -0.006 min
Lab File: VR026797.D
Acq: 4 Dec 2025 16:55

Tgt Ion:104 Resp: 1086221
Ion Ratio Lower Upper
104 100
78 48.4 37.8 56.8
103 55.4 43.3 64.9

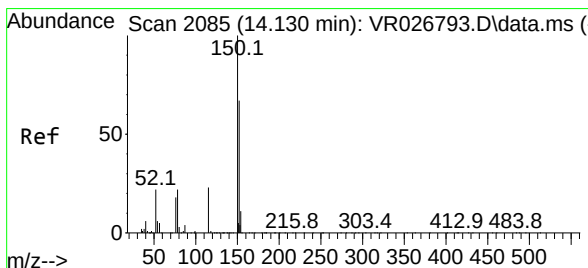
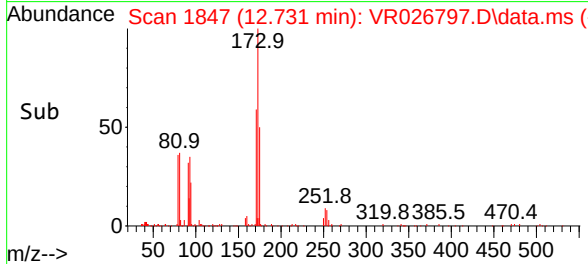
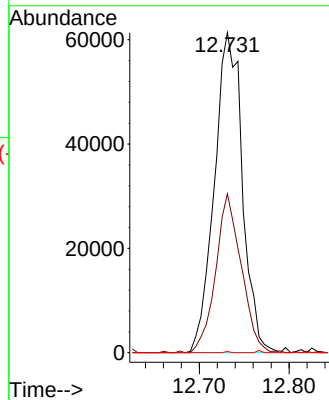
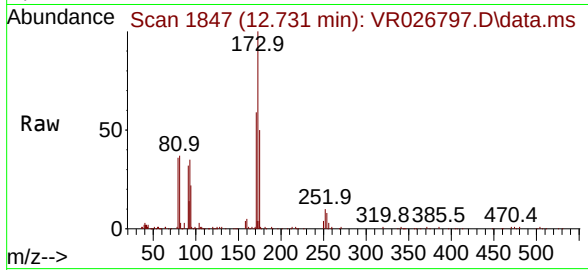




#71
Bromoform
Concen: 48.132 ug/l
RT: 12.731 min Scan# 1847
Delta R.T. -0.012 min
Lab File: VR026797.D
Acq: 4 Dec 2025 16:55

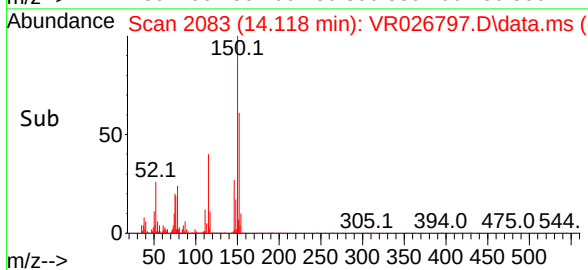
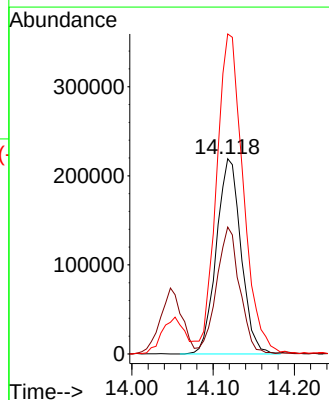
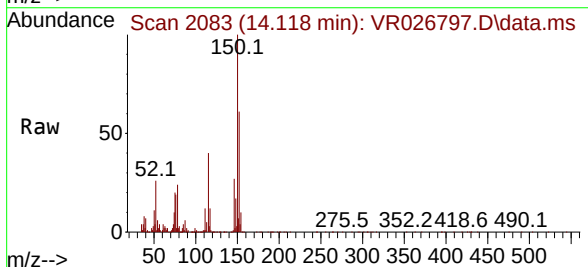
Instrument :
MSVOA_R
ClientSampleId :
ICVVR120425

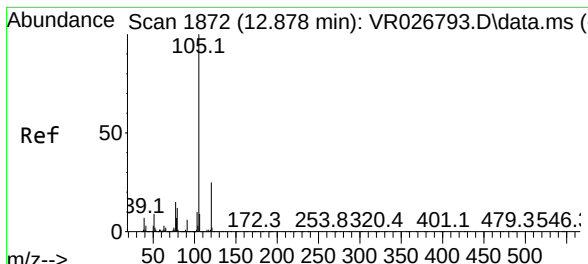
Tgt Ion:173 Resp: 132664
Ion Ratio Lower Upper
173 100
175 45.4 24.9 74.8
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.118 min Scan# 2083
Delta R.T. -0.012 min
Lab File: VR026797.D
Acq: 4 Dec 2025 16:55

Tgt Ion:152 Resp: 462294
Ion Ratio Lower Upper
152 100
115 60.8 29.0 87.1
150 177.6 0.0 345.6

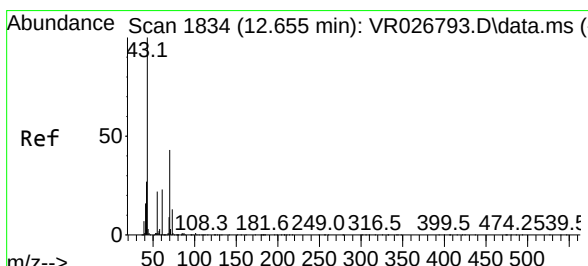
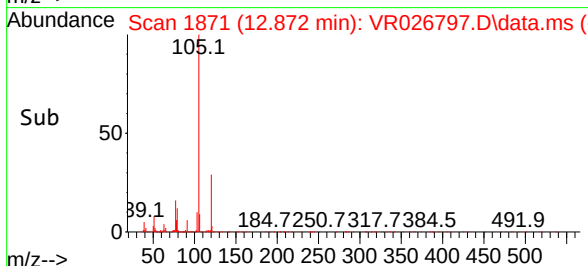
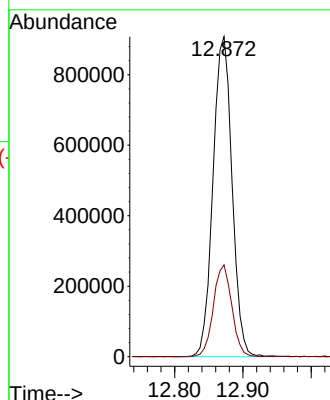
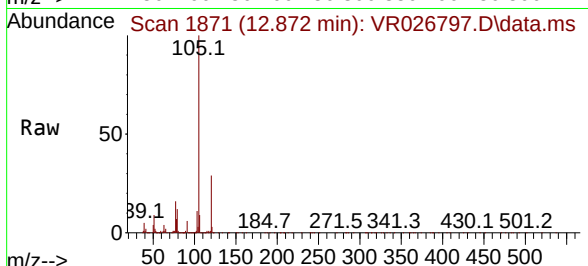




#73
Isopropylbenzene
Concen: 55.167 ug/l
RT: 12.872 min Scan# 1871
Delta R.T. -0.006 min
Lab File: VR026797.D
Acq: 4 Dec 2025 16:55

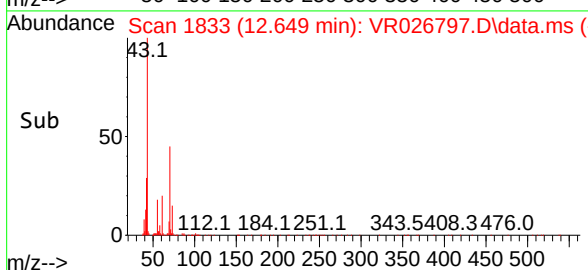
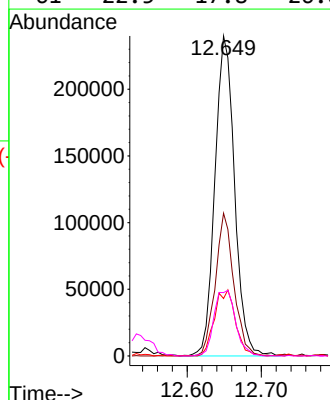
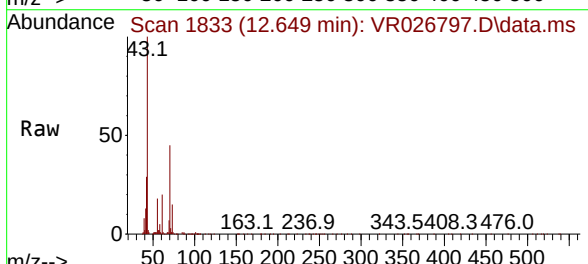
Instrument :
MSVOA_R
ClientSampleId :
ICVVR120425

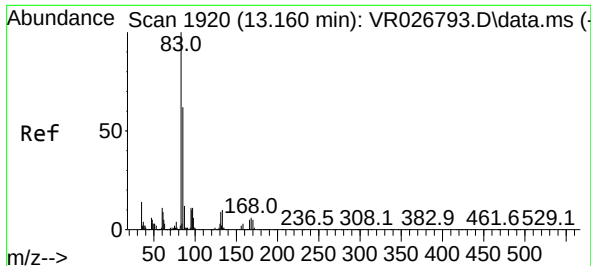
Tgt Ion:105 Resp: 1762699
Ion Ratio Lower Upper
105 100
120 27.8 13.4 40.1



#74
N-ethyl acetate
Concen: 50.556 ug/l
RT: 12.649 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VR026797.D
Acq: 4 Dec 2025 16:55

Tgt Ion: 43 Resp: 442162
Ion Ratio Lower Upper
43 100
70 42.1 32.6 49.0
55 22.1 17.8 26.8
61 22.5 17.8 26.8

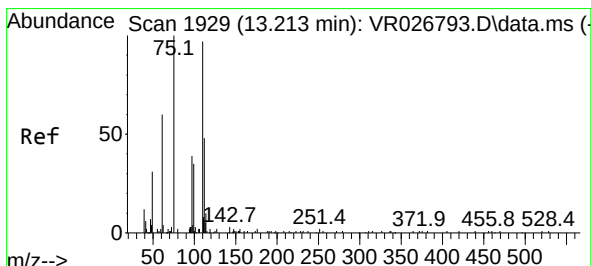
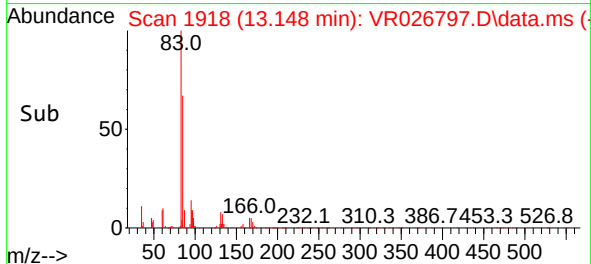
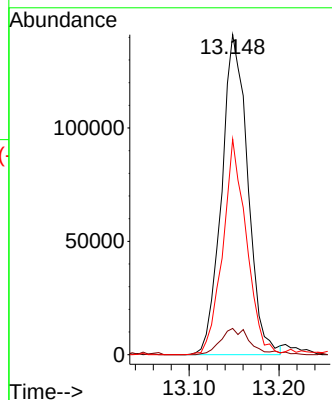
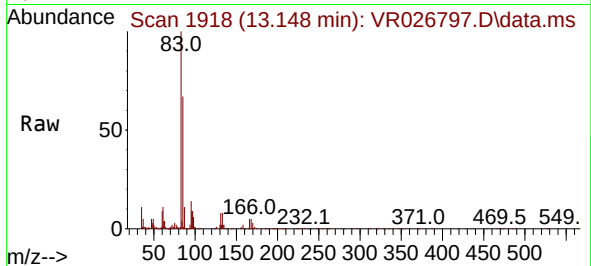




#75
1,1,2,2-Tetrachloroethane
Concen: 52.847 ug/l
RT: 13.148 min Scan# 1918
Delta R.T. -0.012 min
Lab File: VR026797.D
Acq: 4 Dec 2025 16:55

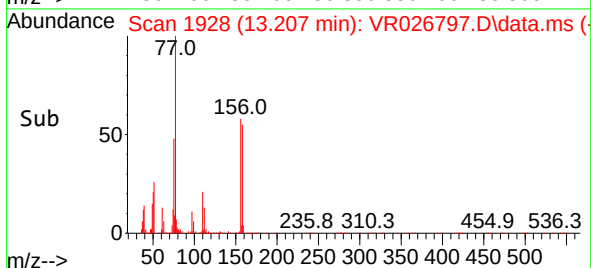
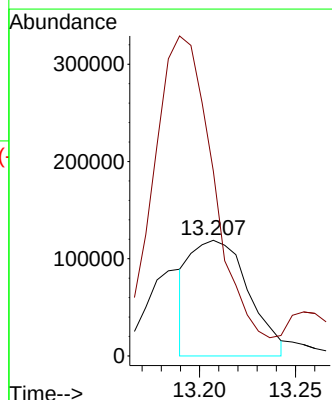
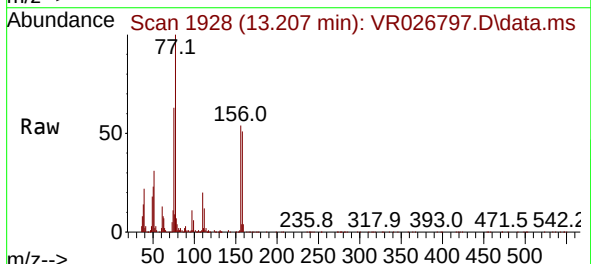
Instrument :
MSVOA_R
ClientSampleId :
ICVVR120425

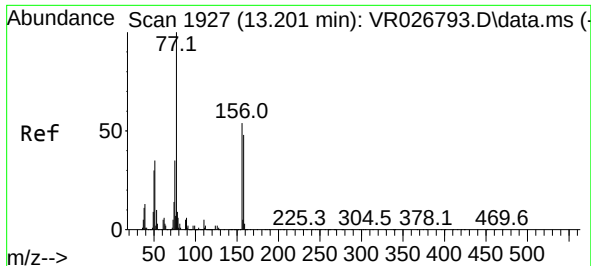
Tgt Ion: 83 Resp: 285244
Ion Ratio Lower Upper
83 100
131 9.5 4.5 13.5
85 60.9 31.1 93.2



#76
1,2,3-Trichloropropane
Concen: 51.358 ug/l m
RT: 13.207 min Scan# 1928
Delta R.T. -0.006 min
Lab File: VR026797.D
Acq: 4 Dec 2025 16:55

Tgt Ion: 75 Resp: 251794
Ion Ratio Lower Upper
75 100
77 294.7 132.3 397.0

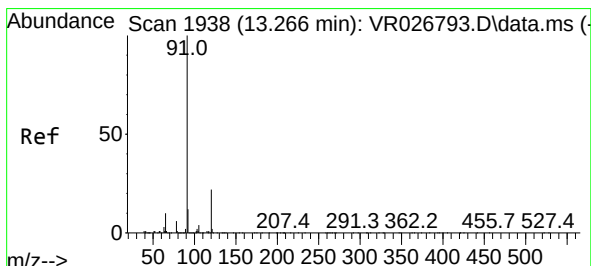
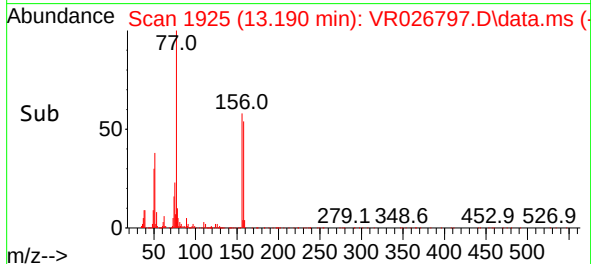
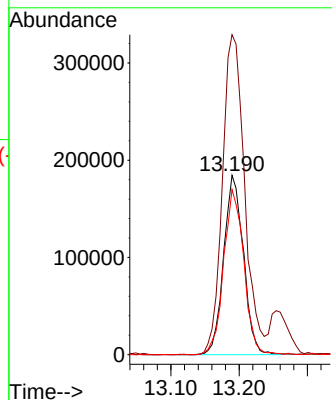
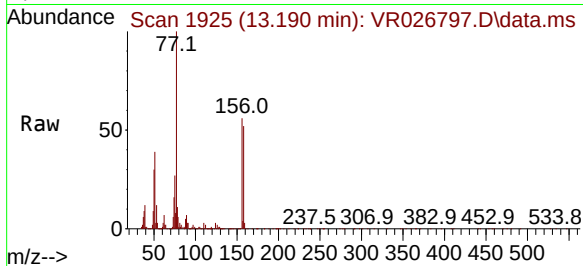




#77
Bromobenzene
Concen: 54.455 ug/l
RT: 13.190 min Scan# 1925
Delta R.T. -0.011 min
Lab File: VR026797.D
Acq: 4 Dec 2025 16:55

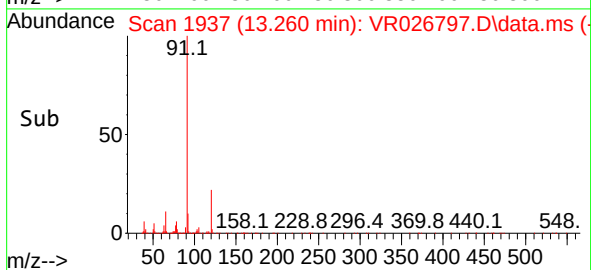
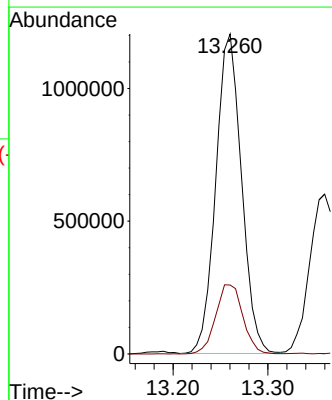
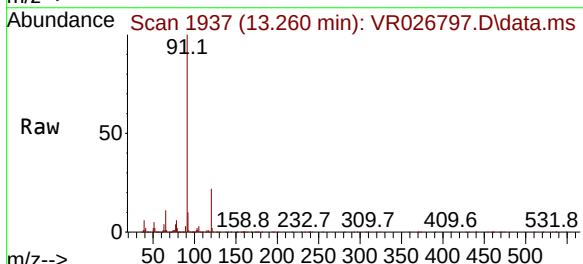
Instrument :
MSVOA_R
ClientSampleId :
ICVVR120425

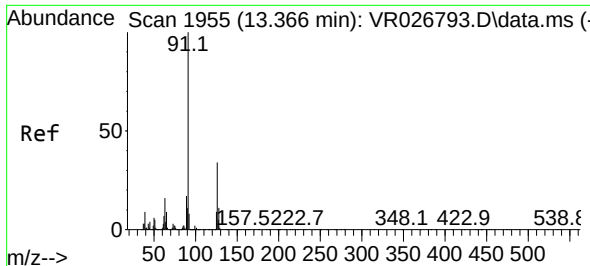
Tgt Ion:156 Resp: 372124
Ion Ratio Lower Upper
156 100
77 199.4 102.8 308.5
158 94.0 47.4 142.2



#78
n-propylbenzene
Concen: 55.028 ug/l
RT: 13.260 min Scan# 1937
Delta R.T. -0.006 min
Lab File: VR026797.D
Acq: 4 Dec 2025 16:55

Tgt Ion: 91 Resp: 2264299
Ion Ratio Lower Upper
91 100
120 23.0 11.1 33.1

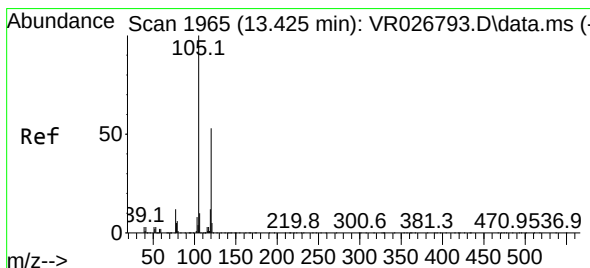
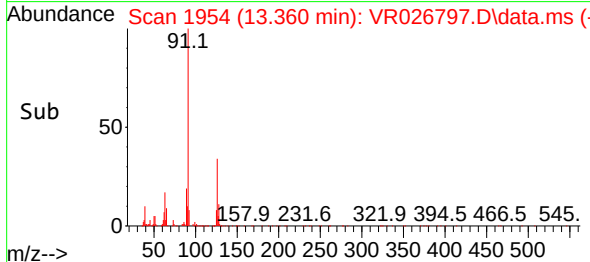
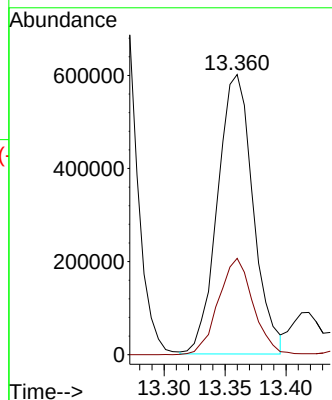
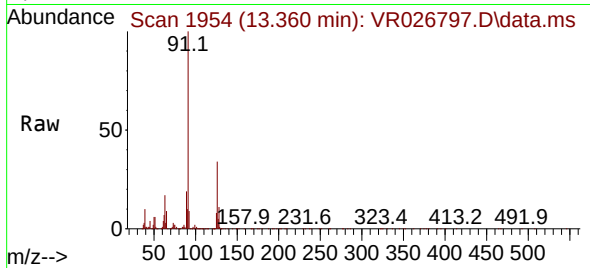




#79
2-Chlorotoluene
Concen: 54.826 ug/l
RT: 13.360 min Scan# 1955
Delta R.T. -0.006 min
Lab File: VR026797.D
Acq: 4 Dec 2025 16:55

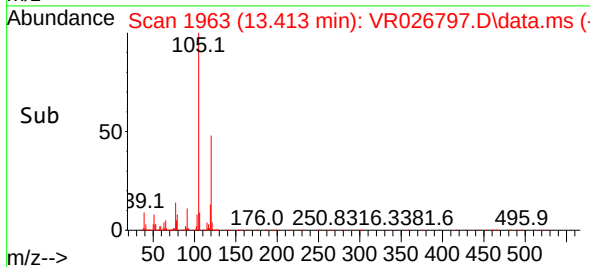
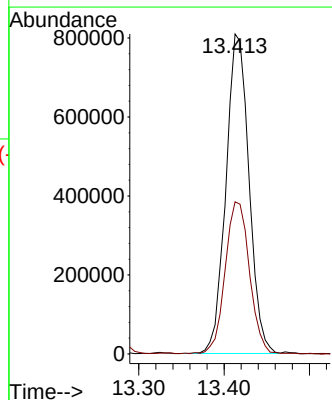
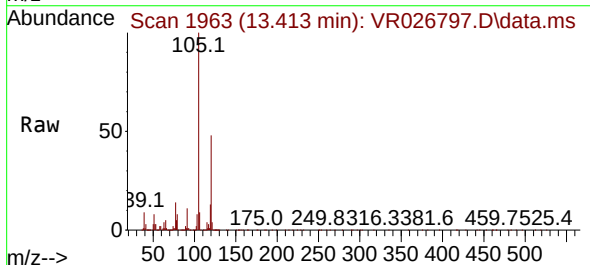
Instrument : MSVOA_R
ClientSampleId : ICVVR120425

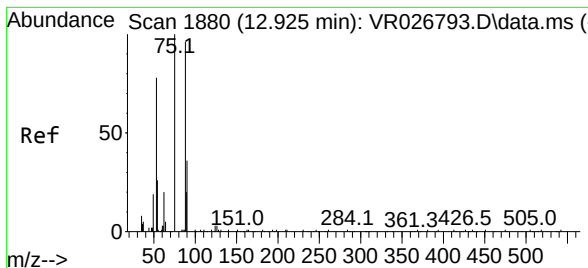
Tgt Ion: 91 Resp: 1220507
Ion Ratio Lower Upper
91 100
126 33.8 17.3 52.0



#80
1,3,5-Trimethylbenzene
Concen: 54.428 ug/l
RT: 13.413 min Scan# 1963
Delta R.T. -0.012 min
Lab File: VR026797.D
Acq: 4 Dec 2025 16:55

Tgt Ion: 105 Resp: 1519029
Ion Ratio Lower Upper
105 100
120 50.0 25.2 75.6

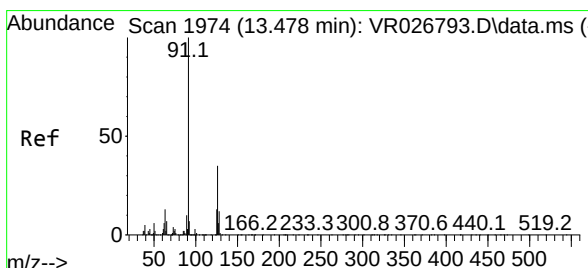
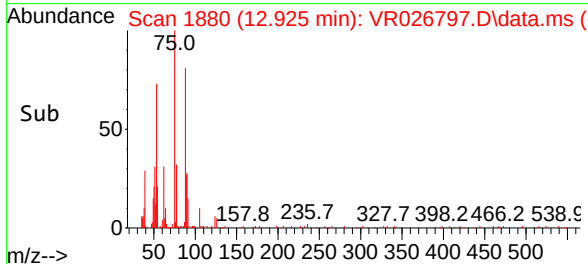
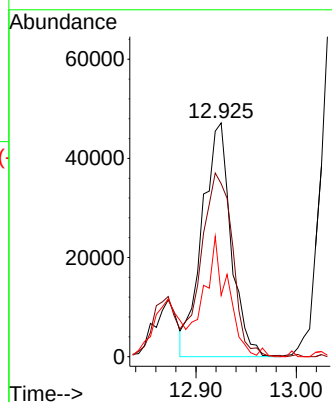
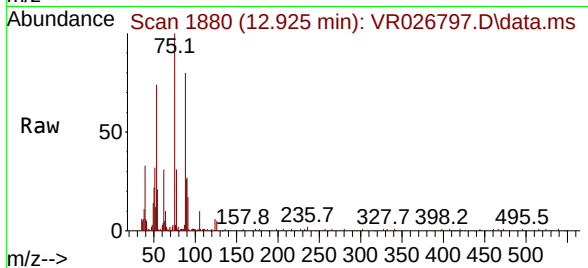




#81
trans-1,4-Dichloro-2-butene
Concen: 50.529 ug/l
RT: 12.925 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VR026797.D
Acq: 4 Dec 2025 16:55

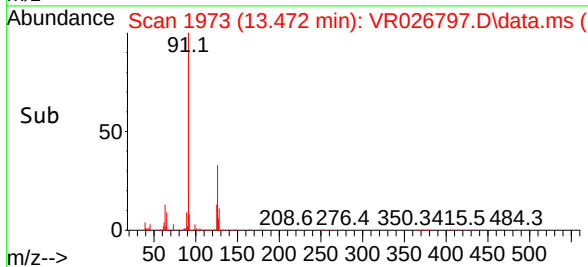
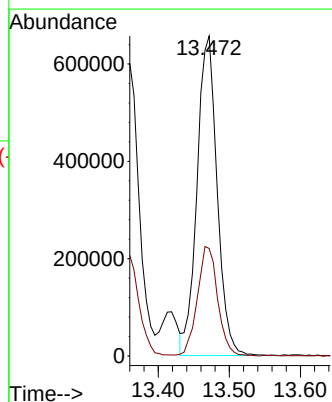
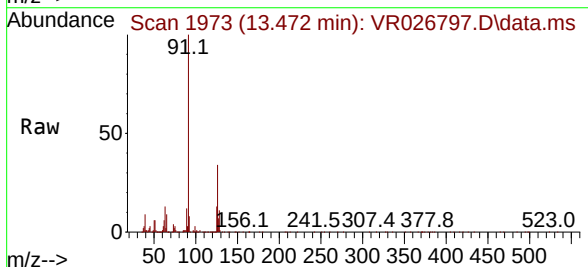
Instrument :
MSVOA_R
ClientSampleId :
ICVVR120425

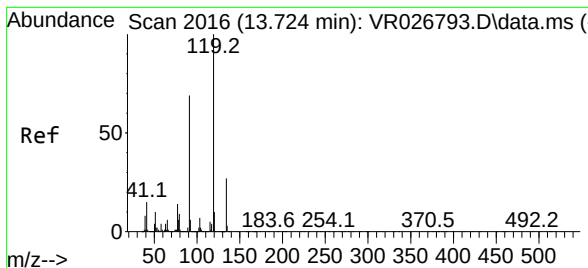
Tgt Ion: 75 Resp: 94068
Ion Ratio Lower Upper
75 100
53 85.7 74.3 111.5
89 41.5 35.9 53.9



#82
4-Chlorotoluene
Concen: 53.420 ug/l
RT: 13.472 min Scan# 1973
Delta R.T. -0.006 min
Lab File: VR026797.D
Acq: 4 Dec 2025 16:55

Tgt Ion: 91 Resp: 1292075
Ion Ratio Lower Upper
91 100
126 34.8 16.7 50.0





#83

tert-Butylbenzene

Concen: 54.625 ug/l

RT: 13.718 min Scan# 2015

Delta R.T. -0.006 min

Lab File: VR026797.D

Acq: 4 Dec 2025 16:55

Instrument :

MSVOA_R

ClientSampleId :

ICVVR120425

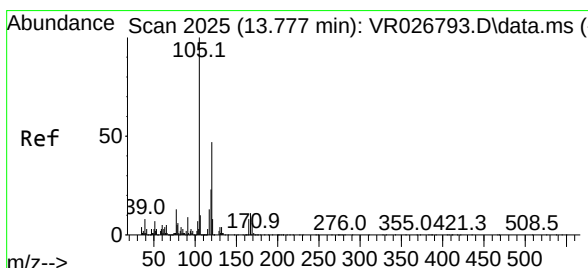
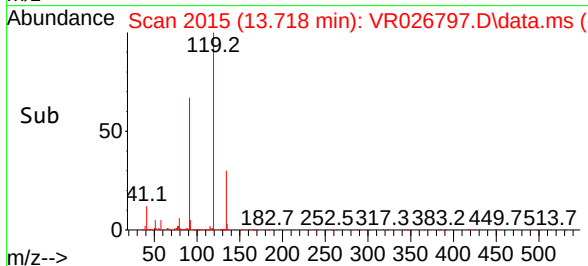
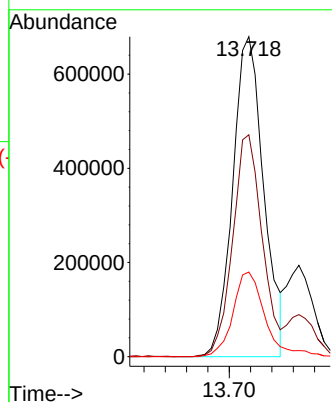
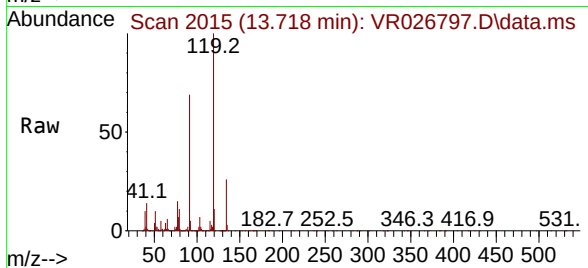
Tgt Ion:119 Resp: 1373966

Ion Ratio Lower Upper

119 100

91 66.0 32.8 98.3

134 27.4 13.7 41.0



#84

1,2,4-Trimethylbenzene

Concen: 53.786 ug/l

RT: 13.765 min Scan# 2023

Delta R.T. -0.012 min

Lab File: VR026797.D

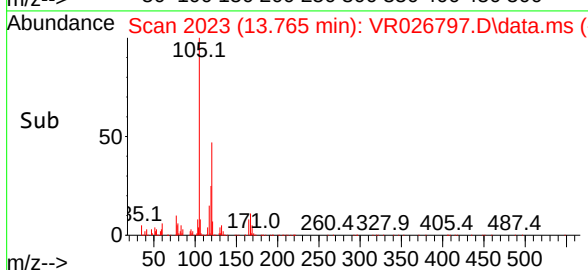
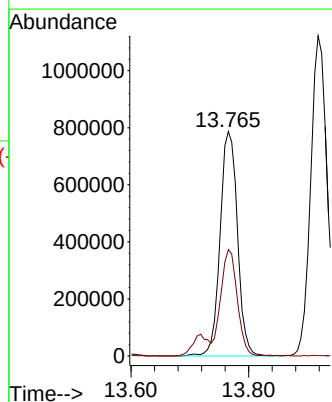
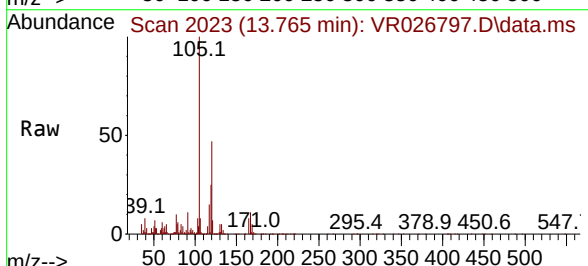
Acq: 4 Dec 2025 16:55

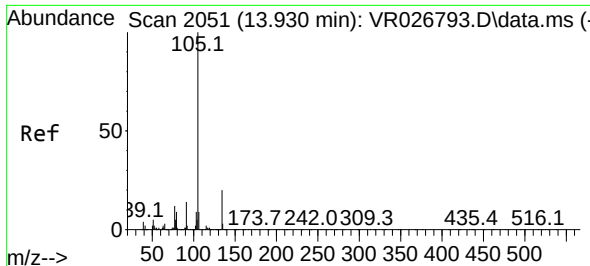
Tgt Ion:105 Resp: 1611269

Ion Ratio Lower Upper

105 100

120 44.9 23.7 71.1

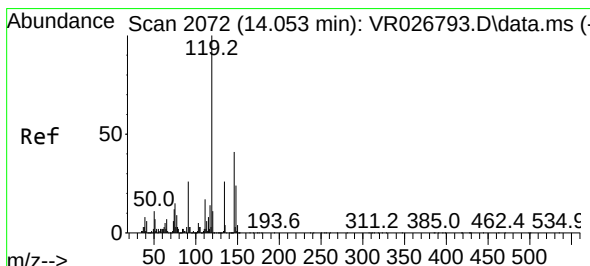
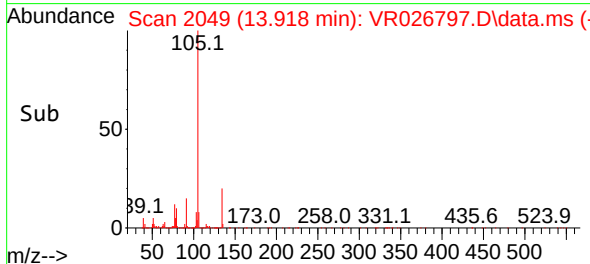
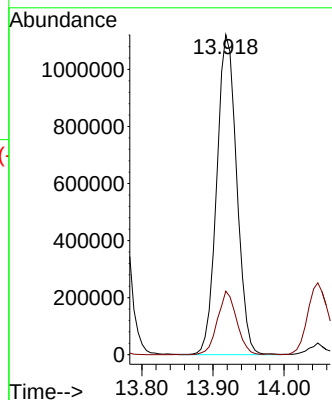
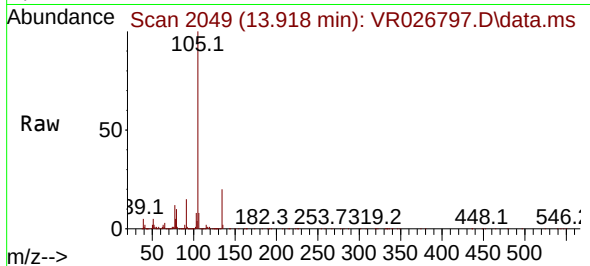




#85
 sec-Butylbenzene
 Concen: 55.110 ug/l
 RT: 13.918 min Scan# 2049
 Delta R.T. -0.012 min
 Lab File: VR026797.D
 Acq: 4 Dec 2025 16:55

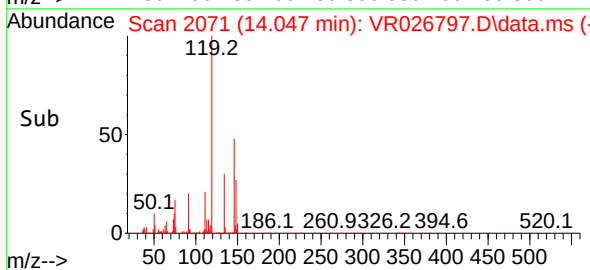
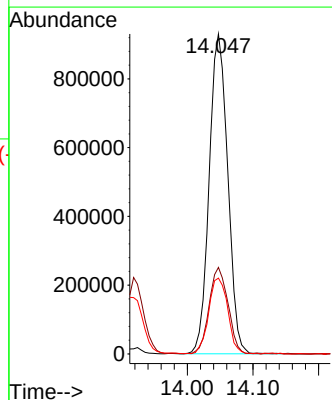
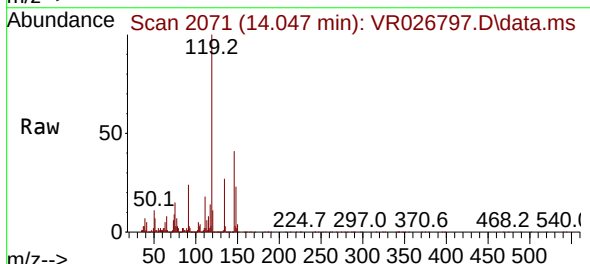
Instrument :
 MSVOA_R
 ClientSampleId :
 ICVVR120425

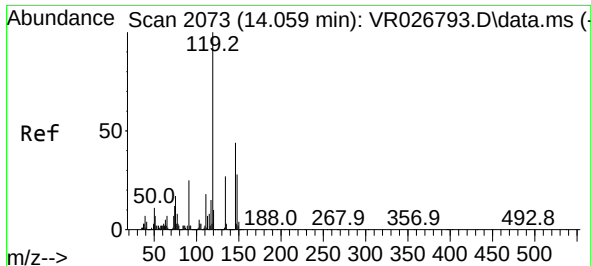
Tgt Ion:105 Resp: 2185161
 Ion Ratio Lower Upper
 105 100
 134 19.1 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 52.230 ug/l
 RT: 14.047 min Scan# 2071
 Delta R.T. -0.006 min
 Lab File: VR026797.D
 Acq: 4 Dec 2025 16:55

Tgt Ion:119 Resp: 1824011
 Ion Ratio Lower Upper
 119 100
 134 27.6 13.3 39.9
 91 24.3 11.9 35.9

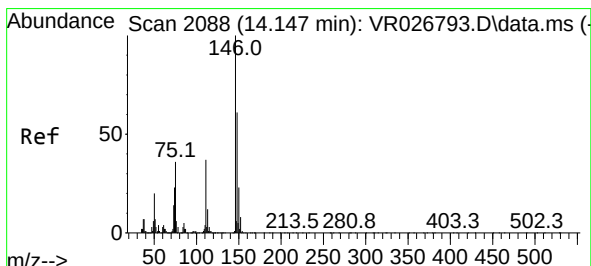
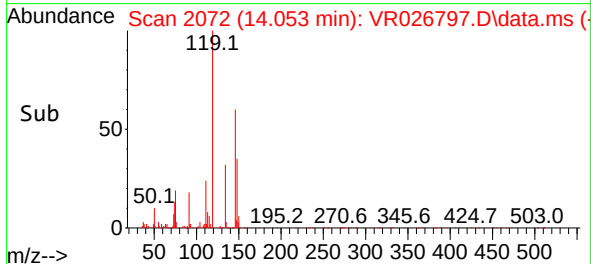
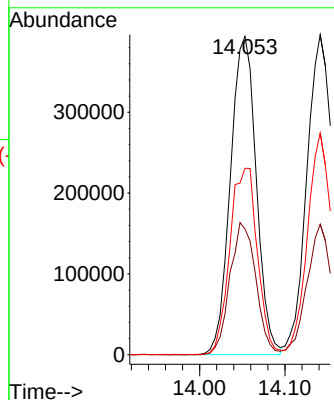
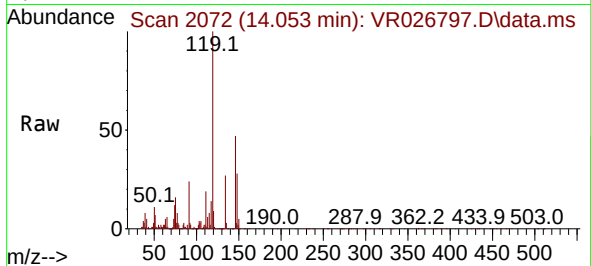




#87
1,3-Dichlorobenzene
Concen: 50.190 ug/l
RT: 14.053 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VR026797.D
Acq: 4 Dec 2025 16:55

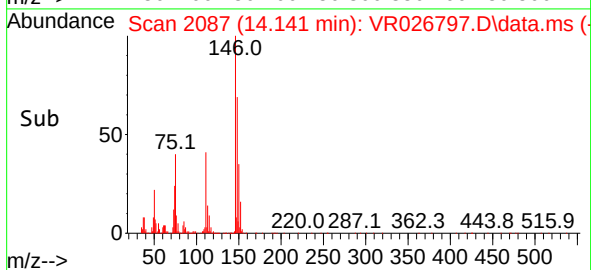
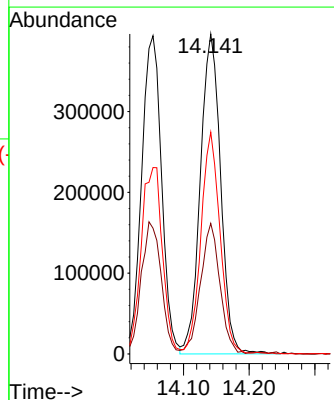
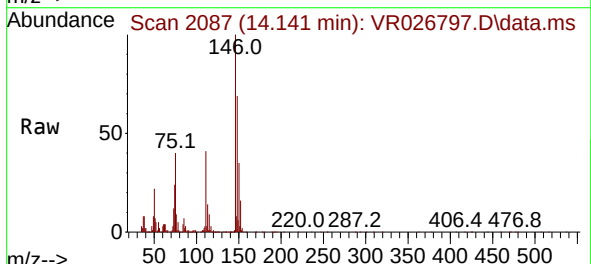
Instrument :
MSVOA_R
ClientSampleId :
ICVVR120425

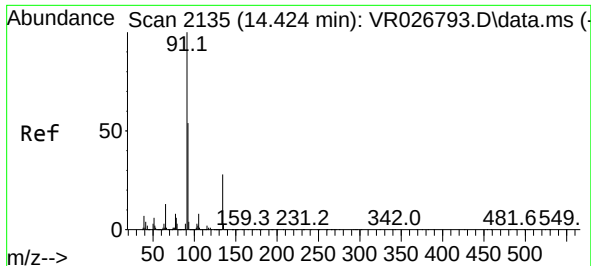
Tgt Ion:146 Resp: 829886
Ion Ratio Lower Upper
146 100
111 41.7 20.8 62.2
148 62.7 31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 48.779 ug/l
RT: 14.141 min Scan# 2087
Delta R.T. -0.006 min
Lab File: VR026797.D
Acq: 4 Dec 2025 16:55

Tgt Ion:146 Resp: 851424
Ion Ratio Lower Upper
146 100
111 39.0 19.6 58.8
148 64.9 31.3 93.9





#89

n-Butylbenzene

Concen: 54.813 ug/l

RT: 14.418 min Scan# 2134

Delta R.T. -0.006 min

Lab File: VR026797.D

Acq: 4 Dec 2025 16:55

Instrument :

MSVOA_R

ClientSampleId :

ICVVR120425

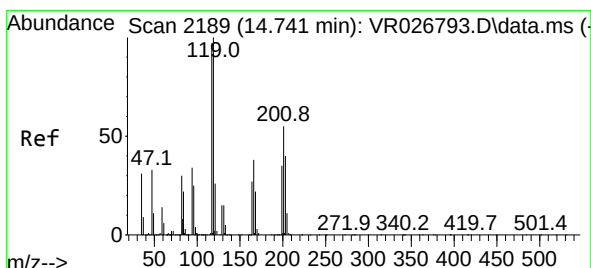
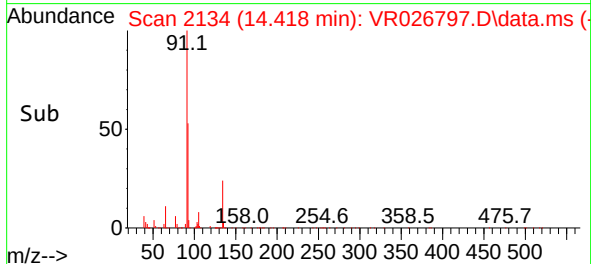
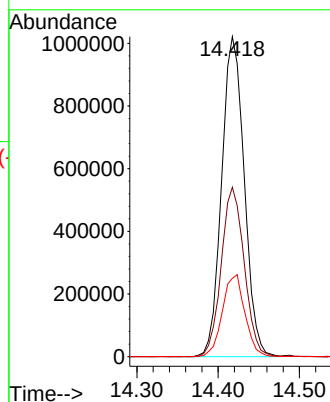
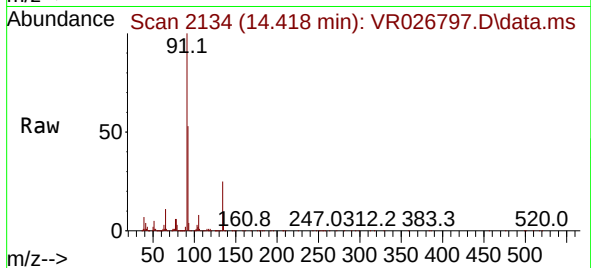
Tgt Ion: 91 Resp: 1973081

Ion Ratio Lower Upper

91 100

92 53.8 26.7 80.1

134 25.6 12.9 38.7



#90

Hexachloroethane

Concen: 53.305 ug/l

RT: 14.729 min Scan# 2187

Delta R.T. -0.012 min

Lab File: VR026797.D

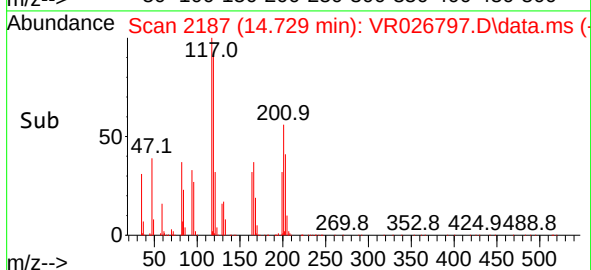
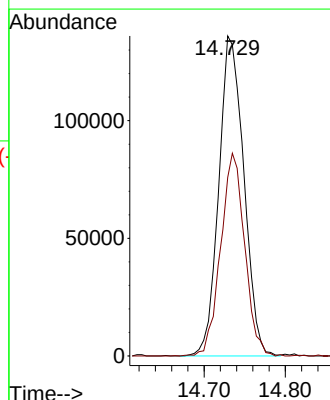
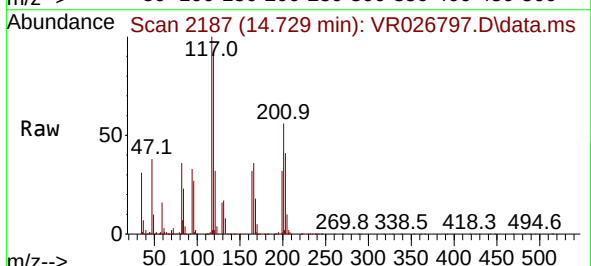
Acq: 4 Dec 2025 16:55

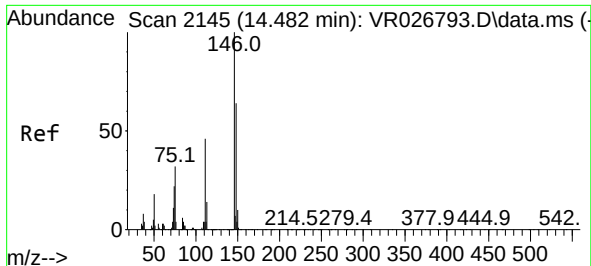
Tgt Ion: 117 Resp: 290877

Ion Ratio Lower Upper

117 100

201 60.8 32.6 98.0

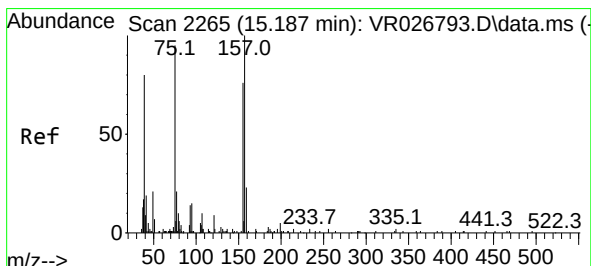
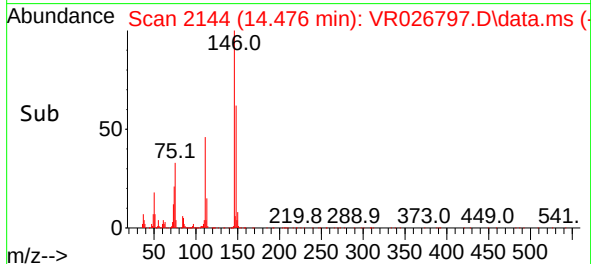
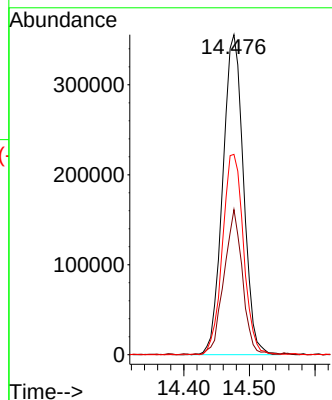
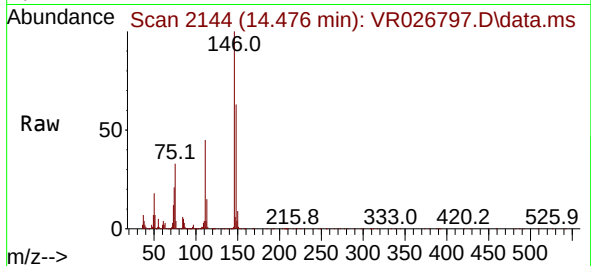




#91
1,2-Dichlorobenzene
Concen: 51.252 ug/l
RT: 14.476 min Scan# 2145
Delta R.T. -0.006 min
Lab File: VR026797.D
Acq: 4 Dec 2025 16:55

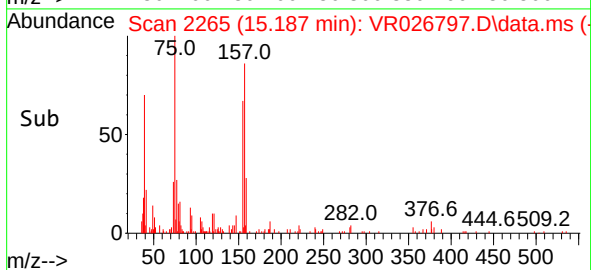
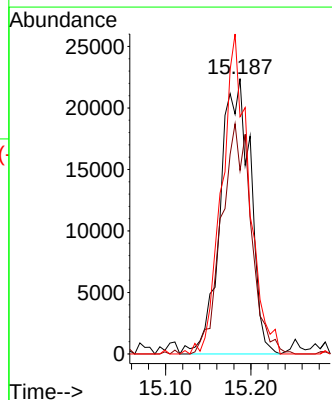
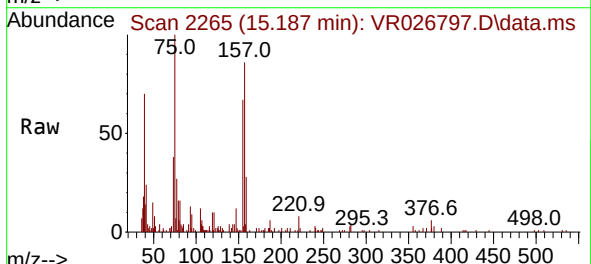
Instrument :
MSVOA_R
ClientSampleId :
ICVVR120425

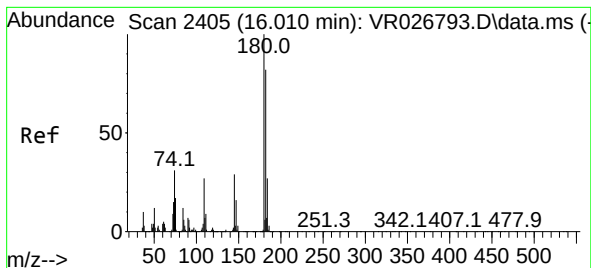
Tgt Ion:146 Resp: 777984
Ion Ratio Lower Upper
146 100
111 40.6 20.5 61.6
148 63.7 31.5 94.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 54.947 ug/l
RT: 15.187 min Scan# 2265
Delta R.T. 0.000 min
Lab File: VR026797.D
Acq: 4 Dec 2025 16:55

Tgt Ion: 75 Resp: 54755
Ion Ratio Lower Upper
75 100
155 82.7 46.7 140.0
157 104.4 64.0 192.2





#93

1,2,4-Trichlorobenzene

Concen: 52.808 ug/l

RT: 15.998 min Scan# 2403

Delta R.T. -0.012 min

Lab File: VR026797.D

Acq: 4 Dec 2025 16:55

Instrument :

MSVOA_R

ClientSampleId :

ICVVR120425

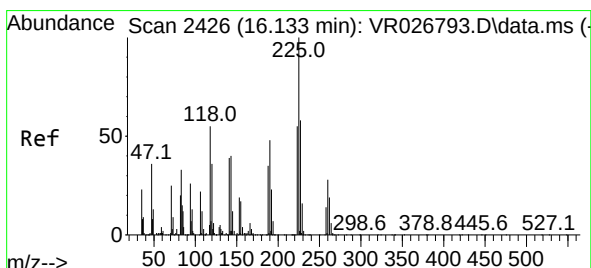
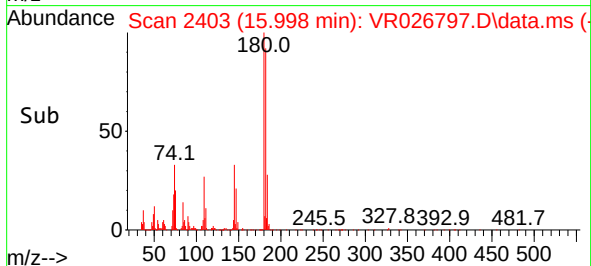
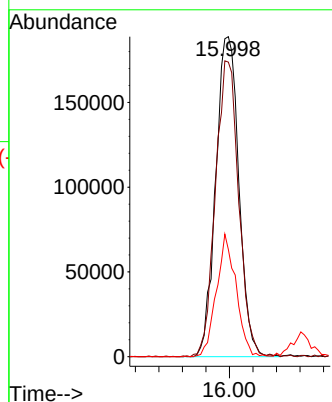
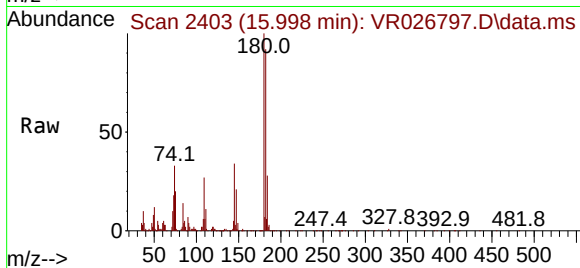
Tgt Ion:180 Resp: 514592

Ion Ratio Lower Upper

180 100

182 92.8 46.4 139.2

145 32.7 16.1 48.2



#94

Hexachlorobutadiene

Concen: 54.988 ug/l

RT: 16.127 min Scan# 2425

Delta R.T. -0.006 min

Lab File: VR026797.D

Acq: 4 Dec 2025 16:55

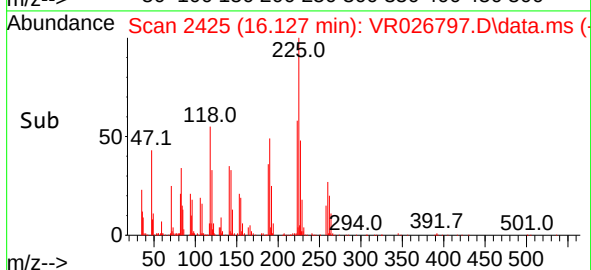
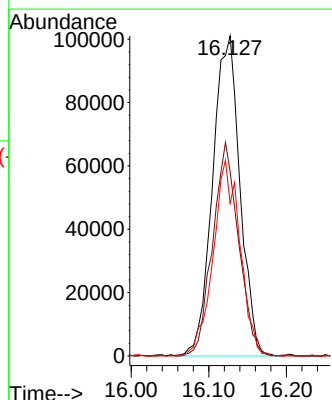
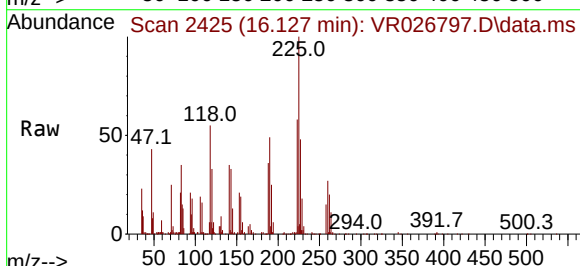
Tgt Ion:225 Resp: 247370

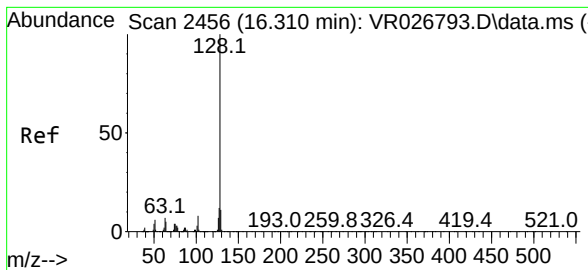
Ion Ratio Lower Upper

225 100

223 63.5 30.3 91.0

227 59.9 32.3 96.9

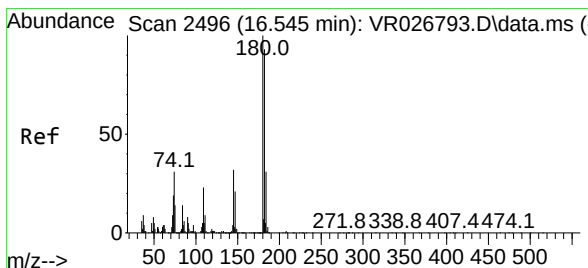
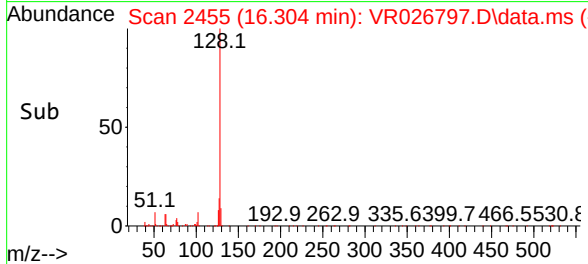
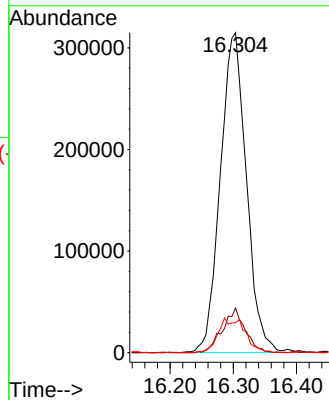
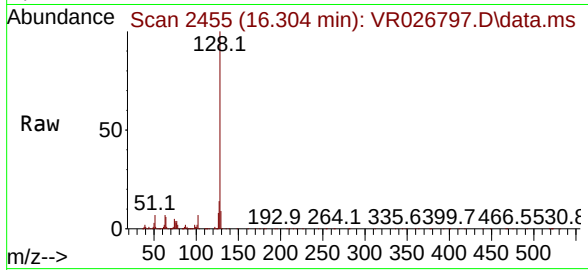




#95
Naphthalene
Concen: 43.176 ug/l
RT: 16.304 min Scan# 2455
Delta R.T. -0.006 min
Lab File: VR026797.D
Acq: 4 Dec 2025 16:55

Instrument :
MSVOA_R
ClientSampleId :
ICVVR120425

Tgt Ion:128 Resp: 899539
Ion Ratio Lower Upper
128 100
127 12.2 10.2 15.2
129 5.9 8.6 12.8#



#96
1,2,3-Trichlorobenzene
Concen: 51.574 ug/l
RT: 16.539 min Scan# 2495
Delta R.T. -0.006 min
Lab File: VR026797.D
Acq: 4 Dec 2025 16:55

Tgt Ion:180 Resp: 427231
Ion Ratio Lower Upper
180 100
182 95.9 48.2 144.6
145 33.5 16.4 49.2

