

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR120425\
 Data File : VR026794.D
 Acq On : 4 Dec 2025 14:48
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5mL/MSVOA_R/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDICC100

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

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

Internal Standards						
1) Pentafluorobenzene	7.790	168	497168	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.765	114	900885	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.920	117	892293	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.124	152	579045	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.172	65	621309	102.718	ug/l	0.00
Spiked Amount	50.000		Recovery	=	205.440%	
35) Dibromofluoromethane	7.714	113	542587	106.280	ug/l	0.00
Spiked Amount	50.000		Recovery	=	212.560%	
50) Toluene-d8	10.428	98	2491171	103.617	ug/l	0.00
Spiked Amount	50.000		Recovery	=	207.240%	
62) 4-Bromofluorobenzene	13.049	95	980171	106.076	ug/l	0.00
Spiked Amount	50.000		Recovery	=	212.160%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	548585	97.806	ug/l	97
3) Chloromethane	2.191	50	749634	96.791	ug/l	89
4) Vinyl Chloride	2.326	62	839600	98.735	ug/l	98
5) Bromomethane	2.678	94	739121	102.255	ug/l	95
6) Chloroethane	2.813	64	626308	106.452	ug/l	96
7) Trichlorofluoromethane	3.148	101	1315083	97.019	ug/l	99
8) Diethyl Ether	3.565	74	352792	111.229	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.900	101	623576	98.059	ug/l	99
10) Methyl Iodide	4.094	142	807798	102.310	ug/l	99
11) Tert butyl alcohol	4.970	59	421812	208.314	ug/l	100
12) 1,1-Dichloroethene	3.883	96	632489	101.822	ug/l	94
13) Acrolein	3.765	56	25510	171.663	ug/l	94
14) Allyl chloride	4.464	41	1202833	106.033	ug/l	98
15) Acrylonitrile	5.134	53	1006612	553.139	ug/l	99
16) Acetone	3.971	43	1135638	431.117	ug/l	96
17) Carbon Disulfide	4.194	76	1857292	97.922	ug/l	96
18) Methyl Acetate	4.476	43	617794	98.690	ug/l	98
19) Methyl tert-butyl Ether	5.205	73	1751597	109.734	ug/l	98
20) Methylene Chloride	4.688	84	689522	91.318	ug/l	96
21) trans-1,2-Dichloroethene	5.187	96	702088	103.764	ug/l	87
22) Diisopropyl ether	6.092	45	2445701	106.073	ug/l	97
23) Vinyl Acetate	6.021	43	6175831	547.785	ug/l	97
24) 1,1-Dichloroethane	5.969	63	1296150	100.063	ug/l	98
25) 2-Butanone	6.961	43	1562421	481.510	ug/l	94
26) 2,2-Dichloropropane	6.950	77	1178914	105.257	ug/l	100
27) cis-1,2-Dichloroethene	6.950	96	844833	106.948	ug/l	99
28) Bromochloromethane	7.314	49	566308	103.975	ug/l	96
29) Tetrahydrofuran	7.349	42	820253	556.179	ug/l	97
30) Chloroform	7.496	83	1215751	102.133	ug/l	95
31) Cyclohexane	7.796	56	1382634	99.333	ug/l	95
32) 1,1,1-Trichloroethane	7.702	97	1113558	107.584	ug/l	99
36) 1,1-Dichloropropene	7.937	75	1030517	109.297	ug/l	96
37) Ethyl Acetate	7.055	43	568019	120.653	ug/l	96
38) Carbon Tetrachloride	7.919	117	922792	110.151	ug/l	94
39) Methylcyclohexane	9.318	83	1465703	104.210	ug/l	92
40) Benzene	8.195	78	3069608	106.322	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.279	41	331813	112.380	ug/l	95
42) 1,2-Dichloroethane	8.272	62	778776	108.972	ug/l	100
43) Isopropyl Acetate	8.319	43	1129464	114.044	ug/l	97
44) Trichloroethene	9.041	130	722875	105.321	ug/l	92
45) 1,2-Dichloropropane	9.347	63	755457	108.766	ug/l	95
46) Dibromomethane	9.441	93	389478	109.477	ug/l	96
47) Bromodichloromethane	9.658	83	958694	108.034	ug/l	93
48) Methyl methacrylate	9.435	41	554848	113.846	ug/l	96
49) 1,4-Dioxane	9.447	88	170699	2379.947	ug/l #	87
51) 4-Methyl-2-Pentanone	10.305	43	3029352	575.821	ug/l	97
52) Toluene	10.504	92	2045733	105.765	ug/l	98
53) t-1,3-Dichloropropene	10.745	75	1026498	112.494	ug/l	100
54) cis-1,3-Dichloropropene	10.140	75	1189915	109.070	ug/l	99
55) 1,1,2-Trichloroethane	10.951	97	542109	105.936	ug/l #	88
56) Ethyl methacrylate	10.798	69	878834	116.061	ug/l	99
57) 1,3-Dichloropropane	11.116	76	999240	107.633	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.982	63	270044	591.992	ug/l	93
59) 2-Hexanone	11.163	43	2425260	519.756	ug/l	99
60) Dibromochloromethane	11.339	129	629250	113.740	ug/l	99
61) 1,2-Dibromoethane	11.462	107	513327	106.528	ug/l	98
64) Tetrachloroethene	11.045	164	650430	105.277	ug/l	98
65) Chlorobenzene	11.950	112	2337060	107.041	ug/l	98
66) 1,1,1,2-Tetrachloroethane	12.032	131	666185	111.739	ug/l	99
67) Ethyl Benzene	12.038	91	4214508	107.322	ug/l	95
68) m/p-Xylenes	12.161	106	3279744	213.455	ug/l	95
69) o-Xylene	12.532	106	1608174	108.822	ug/l	97
70) Styrene	12.549	104	2823866	111.544	ug/l	98
71) Bromoform	12.737	173	373935	121.461	ug/l #	97
73) Isopropylbenzene	12.872	105	4173886	104.290	ug/l	99
74) N-amyl acetate	12.655	43	1307762	119.377	ug/l	98
75) 1,1,2,2-Tetrachloroethane	13.154	83	843236	124.726	ug/l	98
76) 1,2,3-Trichloropropane	13.219	75	602503m	101.233	ug/l	
77) Bromobenzene	13.195	156	919269	107.399	ug/l	96
78) n-propylbenzene	13.266	91	5379587	104.377	ug/l	96
79) 2-Chlorotoluene	13.366	91	3135576	112.453	ug/l	98
80) 1,3,5-Trimethylbenzene	13.425	105	3855623	110.296	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.925	75	276046	118.382	ug/l	97
82) 4-Chlorotoluene	13.472	91	3341218	110.288	ug/l	99
83) tert-Butylbenzene	13.724	119	3495354	110.946	ug/l	99
84) 1,2,4-Trimethylbenzene	13.771	105	4095985	109.160	ug/l	99
85) sec-Butylbenzene	13.924	105	5331202	107.344	ug/l	98
86) p-Isopropyltoluene	14.053	119	4820511	110.203	ug/l	97
87) 1,3-Dichlorobenzene	14.059	146	2227741	107.564	ug/l	98
88) 1,4-Dichlorobenzene	14.147	146	2290749	104.778	ug/l	98
89) n-Butylbenzene	14.423	91	5073177	112.518	ug/l	98
90) Hexachloroethane	14.741	117	854951	125.084	ug/l	89
91) 1,2-Dichlorobenzene	14.482	146	2110491	111.002	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	15.187	75	143853	115.251	ug/l	91
93) 1,2,4-Trichlorobenzene	16.004	180	1408527	115.400	ug/l	99
94) Hexachlorobutadiene	16.133	225	644003	114.291	ug/l	98
95) Naphthalene	16.304	128	2753919	99.865	ug/l	99
96) 1,2,3-Trichlorobenzene	16.550	180	1243523	119.848	ug/l	97

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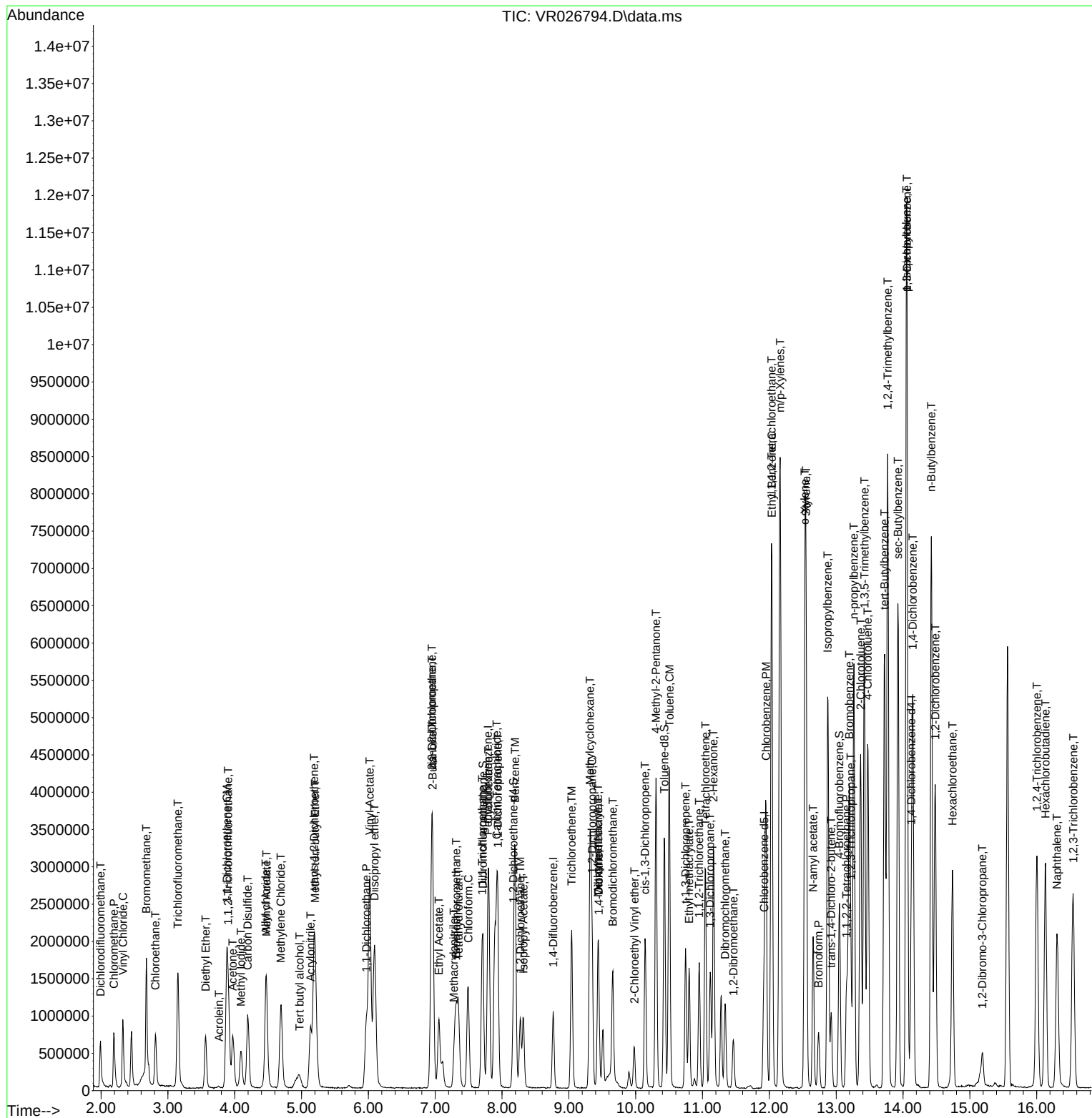
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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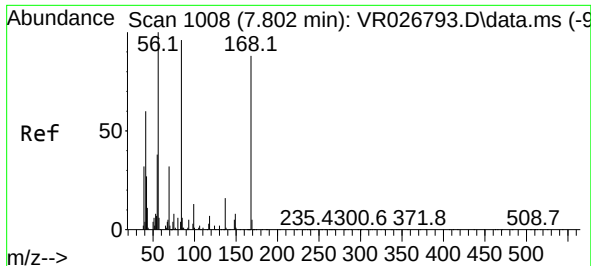
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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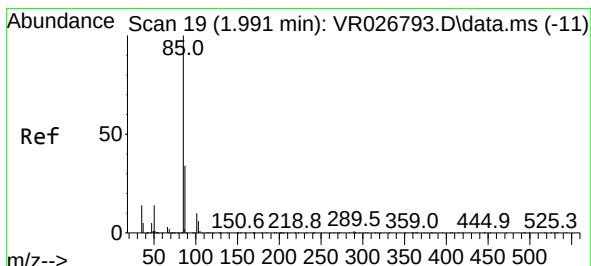
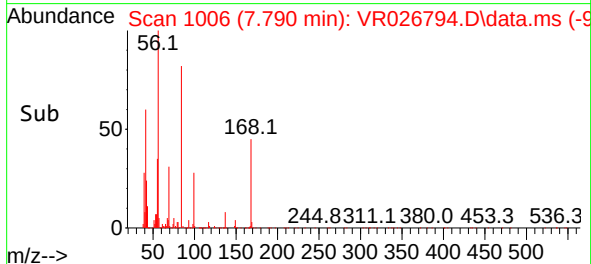
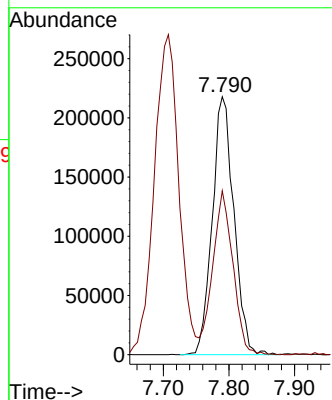
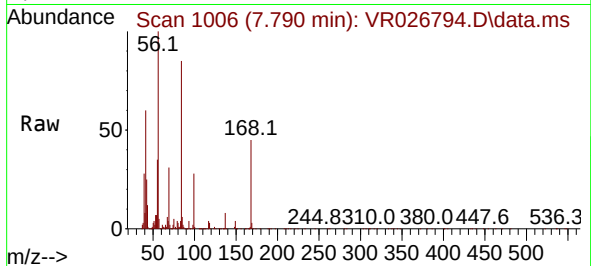




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.790 min Scan# 10
Delta R.T. -0.012 min
Lab File: VR026794.D
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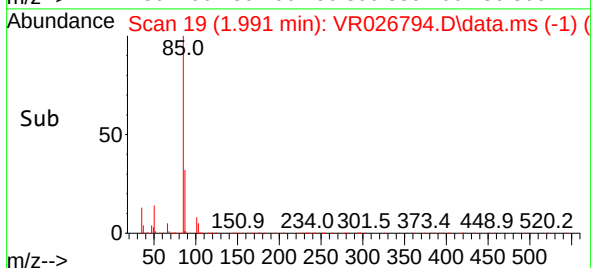
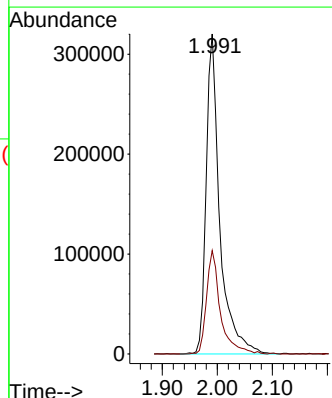
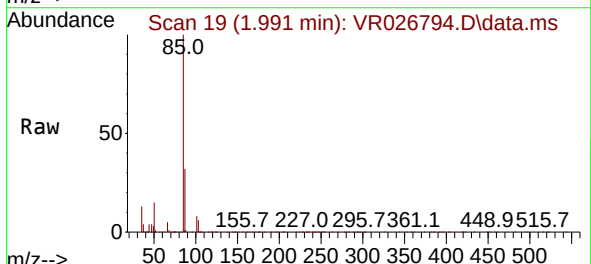
Instrument :
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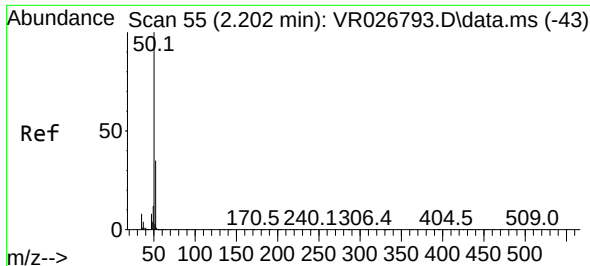
Tgt Ion:168 Resp: 497168
Ion Ratio Lower Upper
168 100
99 63.3 45.3 67.9



#2
Dichlorodifluoromethane
Concen: 97.806 ug/l
RT: 1.991 min Scan# 19
Delta R.T. -0.000 min
Lab File: VR026794.D
Acq: 4 Dec 2025 14:48

Tgt Ion: 85 Resp: 548585
Ion Ratio Lower Upper
85 100
87 32.3 17.1 51.2

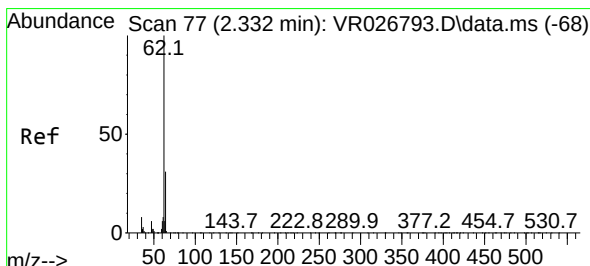
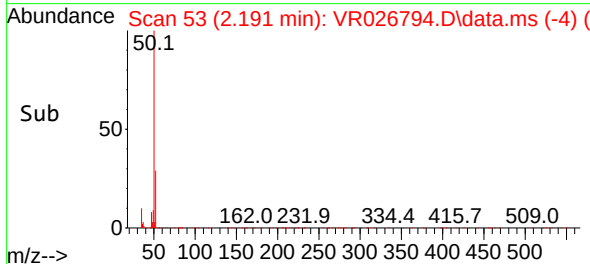
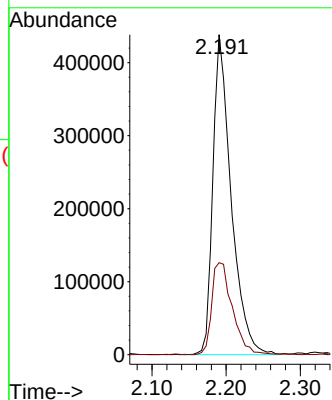
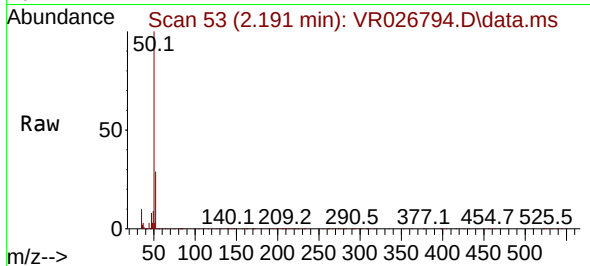




#3
Chloromethane
Concen: 96.791 ug/l
RT: 2.191 min Scan# 51
Delta R.T. -0.012 min
Lab File: VR026794.D
Acq: 4 Dec 2025 14:48

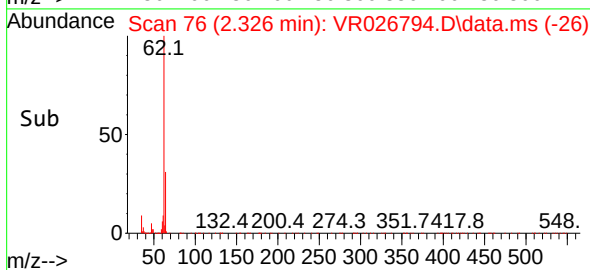
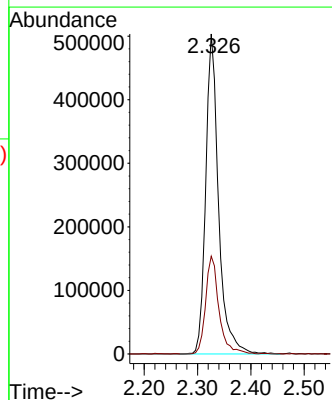
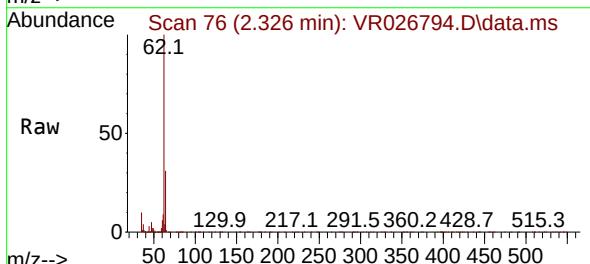
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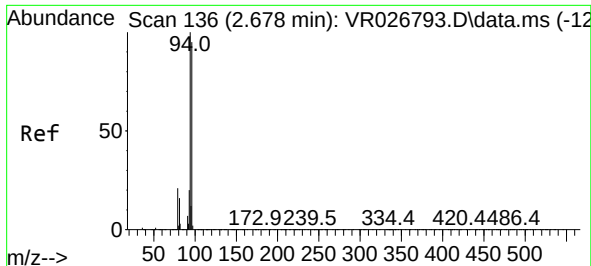
Tgt Ion: 50 Resp: 749634
Ion Ratio Lower Upper
50 100
52 28.6 28.2 42.4



#4
Vinyl Chloride
Concen: 98.735 ug/l
RT: 2.326 min Scan# 76
Delta R.T. -0.006 min
Lab File: VR026794.D
Acq: 4 Dec 2025 14:48

Tgt Ion: 62 Resp: 839600
Ion Ratio Lower Upper
62 100
64 30.6 25.2 37.8

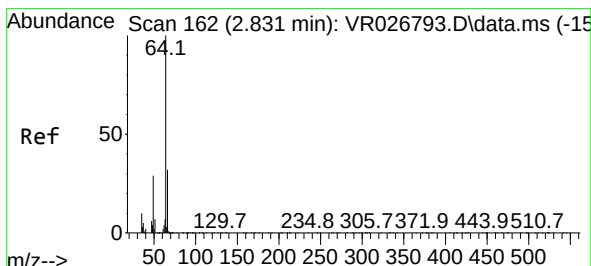
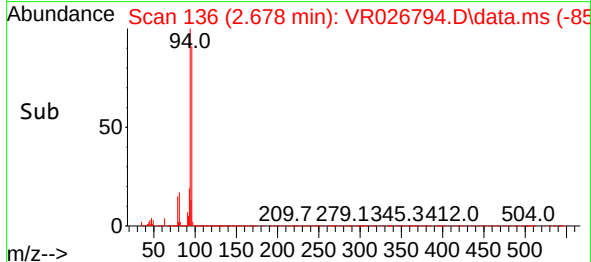
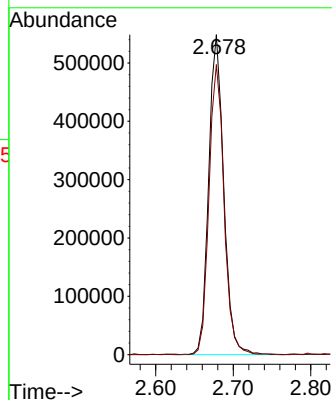
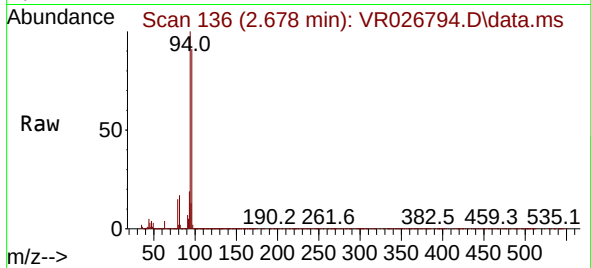




#5
Bromomethane
Concen: 102.255 ug/l
RT: 2.678 min Scan# 11
Delta R.T. 0.000 min
Lab File: VR026794.D
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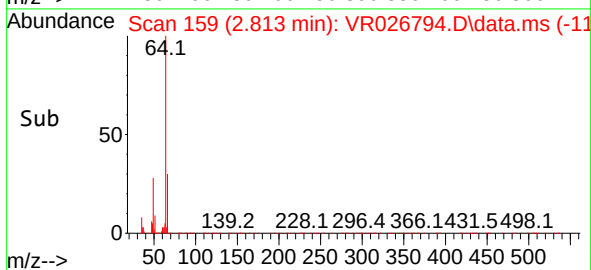
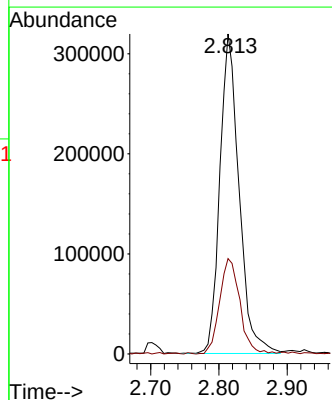
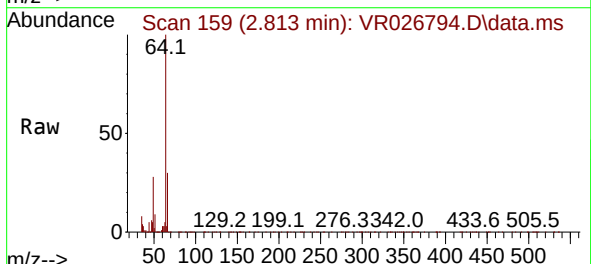
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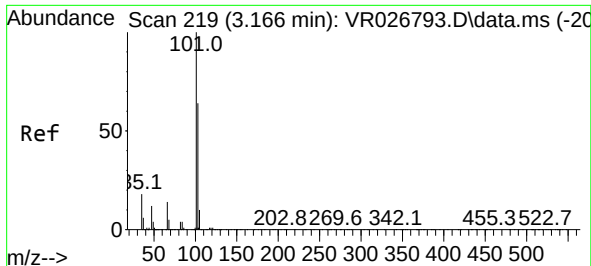
Tgt Ion: 94 Resp: 739121
Ion Ratio Lower Upper
94 100
96 90.7 76.2 114.2



#6
Chloroethane
Concen: 106.452 ug/l
RT: 2.813 min Scan# 159
Delta R.T. -0.018 min
Lab File: VR026794.D
Acq: 4 Dec 2025 14:48

Tgt Ion: 64 Resp: 626308
Ion Ratio Lower Upper
64 100
66 29.7 25.8 38.6

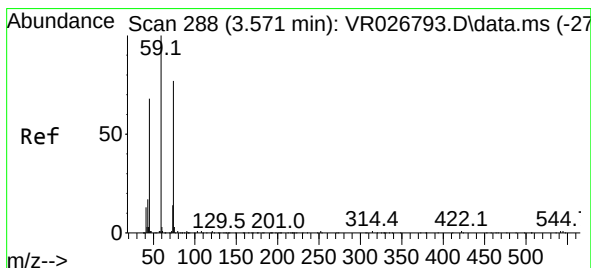
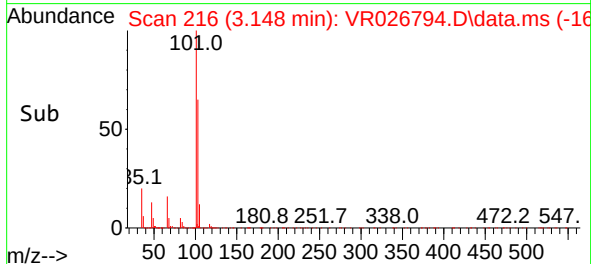
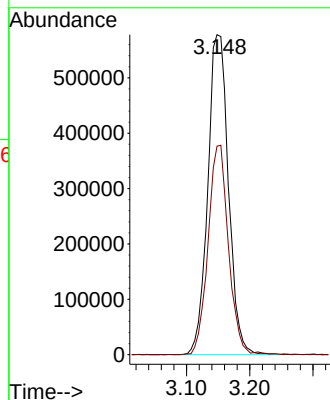
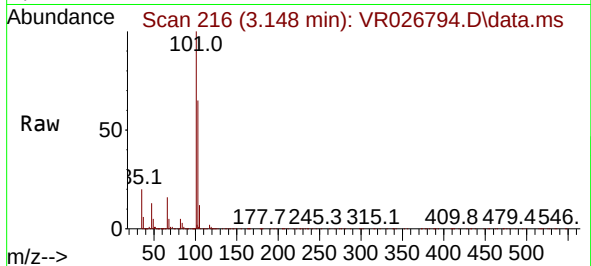




#7
Trichlorofluoromethane
Concen: 97.019 ug/l
RT: 3.148 min Scan# 216
Delta R.T. -0.018 min
Lab File: VR026794.D
Acq: 4 Dec 2025 14:48

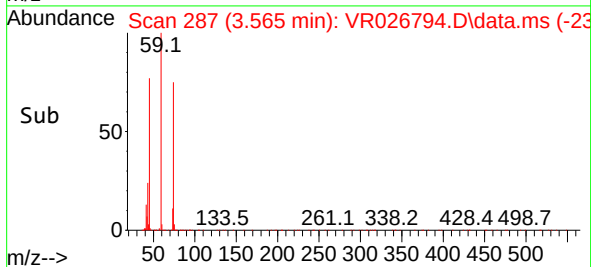
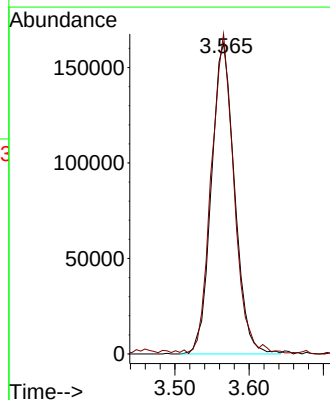
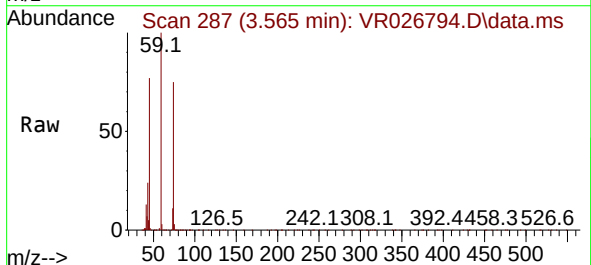
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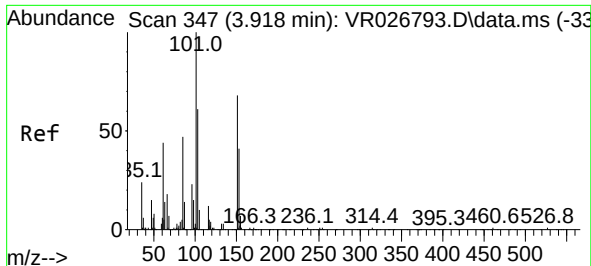
Tgt Ion:101 Resp: 1315083
Ion Ratio Lower Upper
101 100
103 65.1 51.4 77.2



#8
Diethyl Ether
Concen: 111.229 ug/l
RT: 3.565 min Scan# 287
Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 352792
Ion Ratio Lower Upper
74 100
45 99.7 49.9 149.7

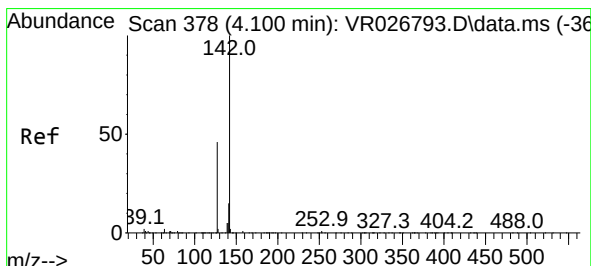
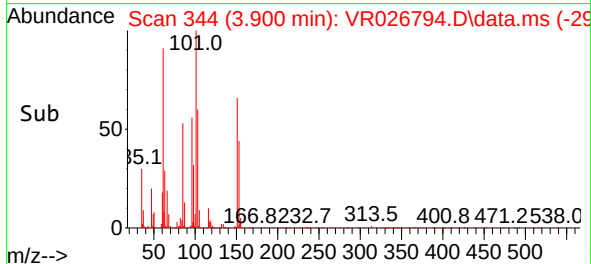
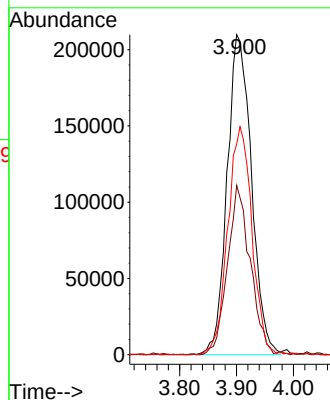
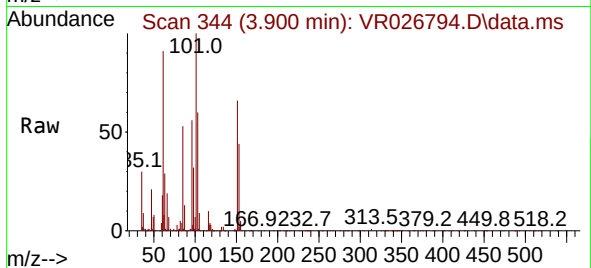




#9
1,1,2-Trichlorotrifluoroethane
Concen: 98.059 ug/l
RT: 3.900 min Scan# 34
Delta R.T. -0.018 min
Lab File: VR026794.D
Acq: 4 Dec 2025 14:48

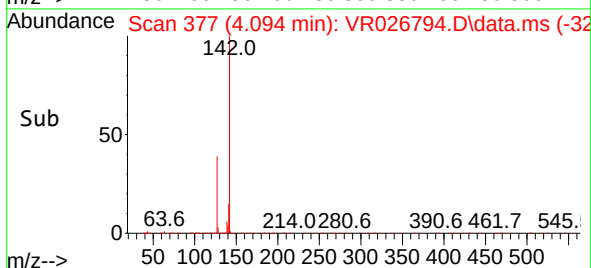
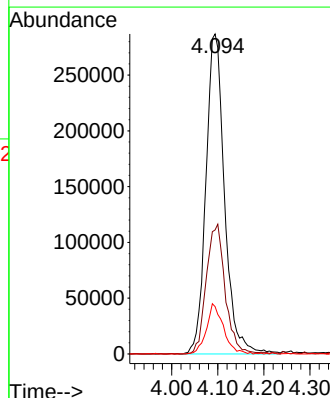
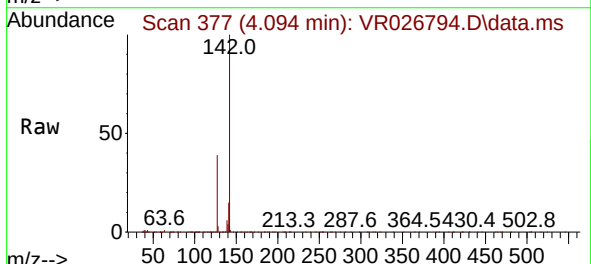
Instrument :
MSVOA_R
ClientSampleId :
VSTDICC100

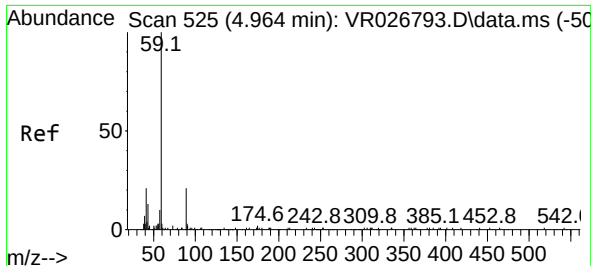
Tgt Ion:101 Resp: 623576
Ion Ratio Lower Upper
101 100
85 49.4 39.3 58.9
151 70.9 55.8 83.8



#10
Methyl Iodide
Concen: 102.310 ug/l
RT: 4.094 min Scan# 377
Delta R.T. -0.006 min
Lab File: VR026794.D
Acq: 4 Dec 2025 14:48

Tgt Ion:142 Resp: 807798
Ion Ratio Lower Upper
142 100
127 41.1 32.6 48.8
141 14.4 11.3 16.9

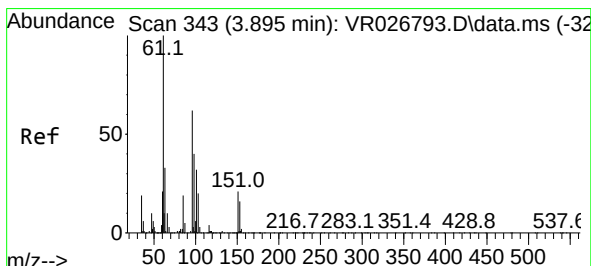
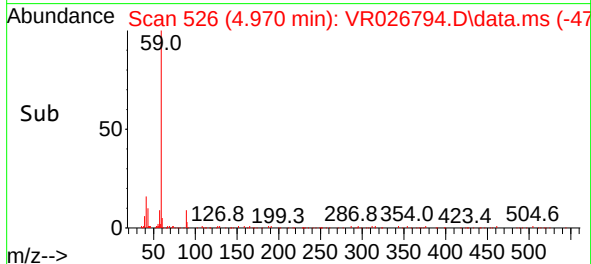
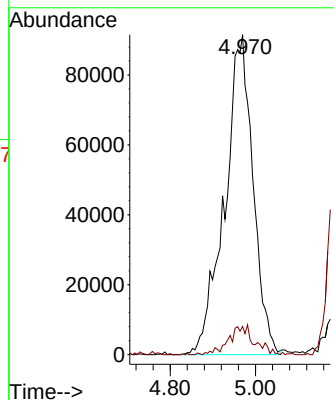
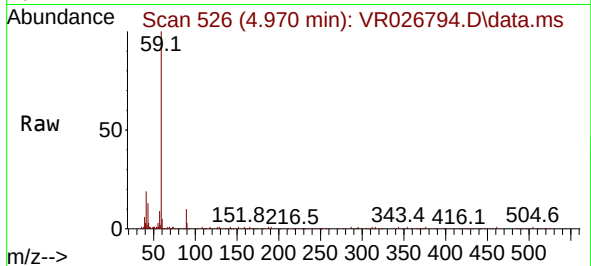




#11
Tert butyl alcohol
Concen: 208.314 ug/l
RT: 4.970 min Scan# 51
Delta R.T. 0.006 min
Lab File: VR026794.D
Acq: 4 Dec 2025 14:48

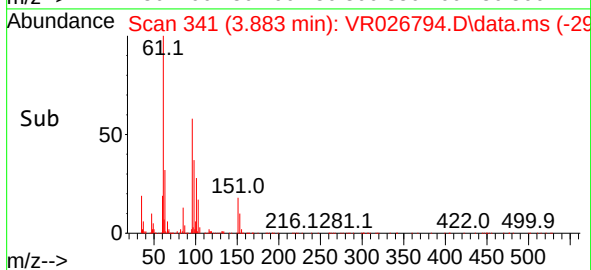
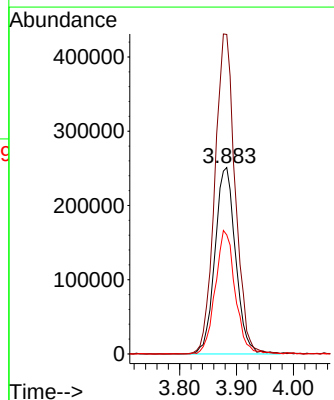
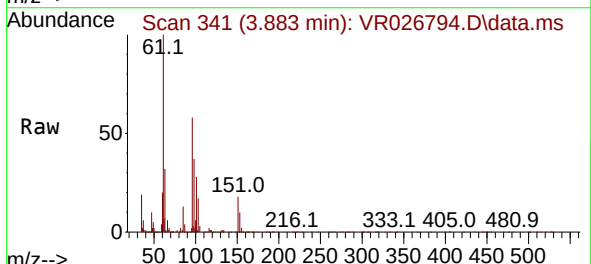
Instrument :
MSVOA_R
ClientSampleId :
VSTDICC100

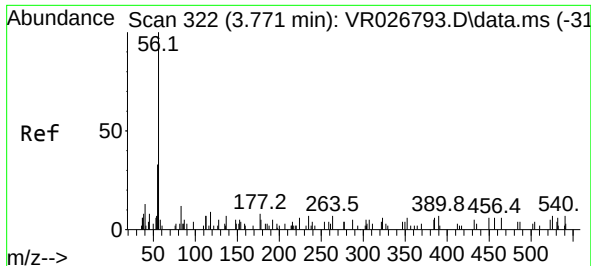
Tgt Ion: 59 Resp: 421812
Ion Ratio Lower Upper
59 100
57 4.0 3.1 4.7



#12
1,1-Dichloroethene
Concen: 101.822 ug/l
RT: 3.883 min Scan# 341
Delta R.T. -0.012 min
Lab File: VR026794.D
Acq: 4 Dec 2025 14:48

Tgt Ion: 96 Resp: 632489
Ion Ratio Lower Upper
96 100
61 171.4 128.2 192.4
98 63.8 51.8 77.8





#13

Acrolein

Concen: 171.663 ug/l

RT: 3.765 min Scan# 31

Delta R.T. -0.006 min

Lab File: VR026794.D

Acq: 4 Dec 2025 14:48

Instrument :

MSVOA_R

ClientSampleId :

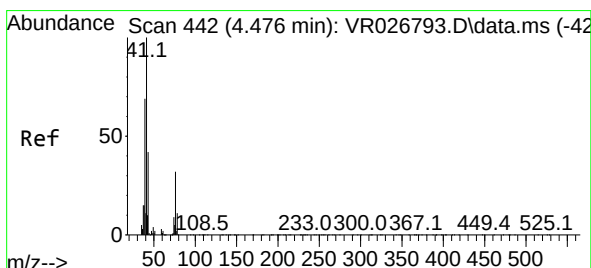
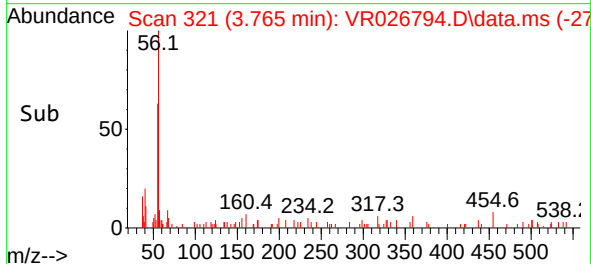
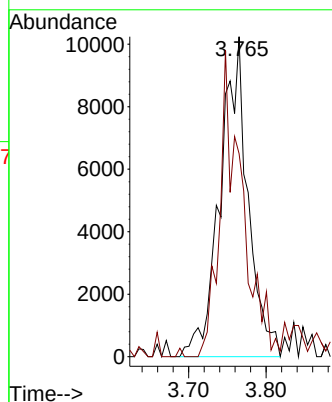
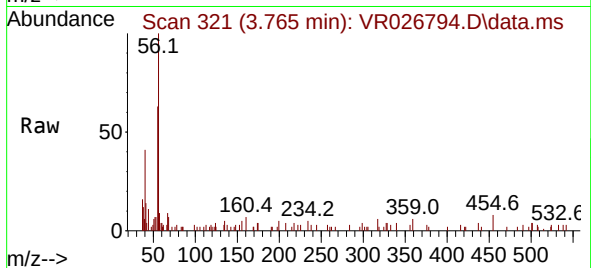
VSTDICC100

Tgt Ion: 56 Resp: 25510

Ion Ratio Lower Upper

56 100

55 77.9 58.5 87.7



#14

Allyl chloride

Concen: 106.033 ug/l

RT: 4.464 min Scan# 440

Delta R.T. -0.012 min

Lab File: VR026794.D

Acq: 4 Dec 2025 14:48

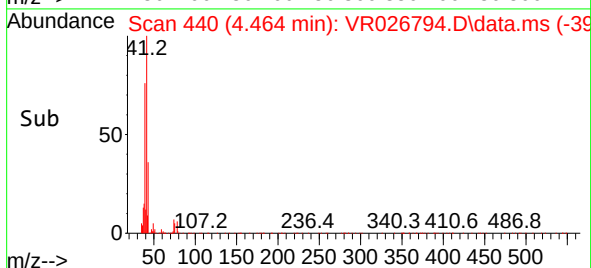
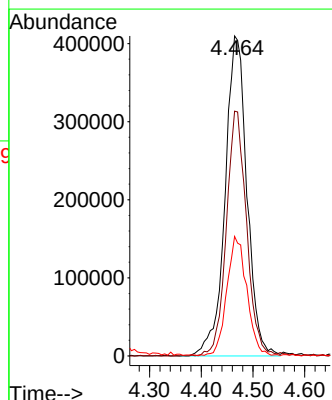
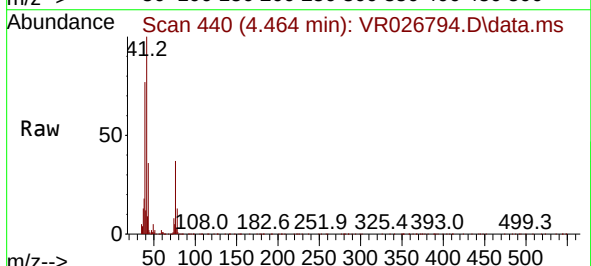
Tgt Ion: 41 Resp: 1202833

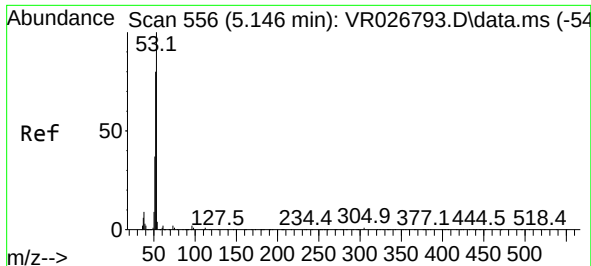
Ion Ratio Lower Upper

41 100

39 70.7 55.0 82.4

76 34.1 27.3 40.9



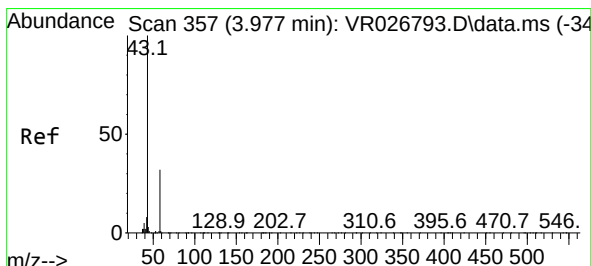
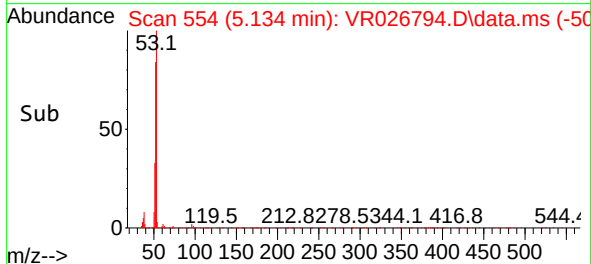
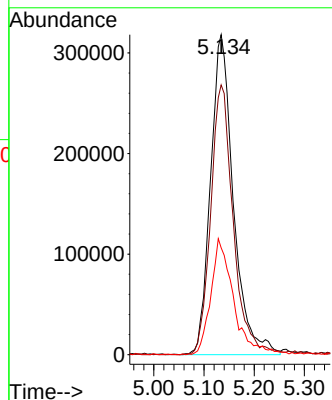
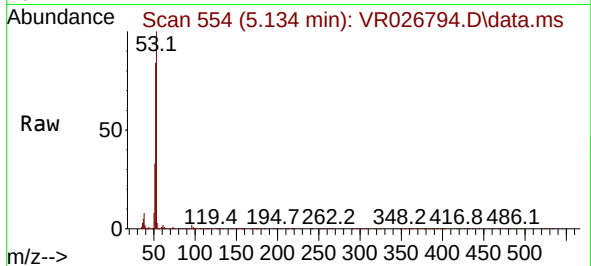


#15
Acrylonitrile
Concen: 553.139 ug/l
RT: 5.134 min Scan# 51
Delta R.T. -0.012 min
Lab File: VR026794.D
Acq: 4 Dec 2025 14:48

Instrument :
MSVOA_R
ClientSampleId :
VSTDIC100

Tgt Ion: 53 Resp: 1006612

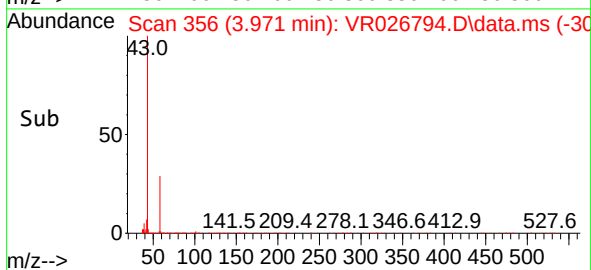
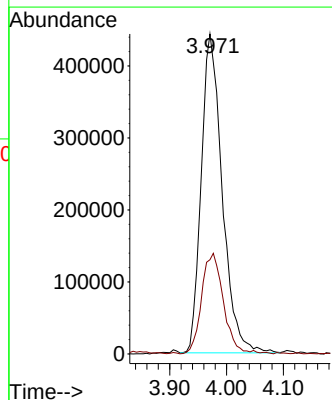
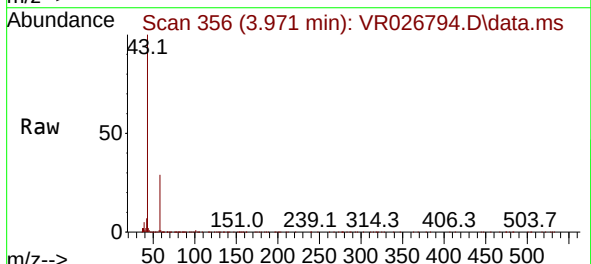
Ion	Ratio	Lower	Upper
53	100		
52	83.2	65.9	98.9
51	36.1	28.1	42.1

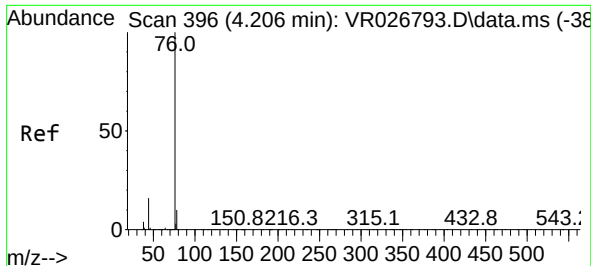


#16
Acetone
Concen: 431.117 ug/l
RT: 3.971 min Scan# 356
Delta R.T. -0.006 min
Lab File: VR026794.D
Acq: 4 Dec 2025 14:48

Tgt Ion: 43 Resp: 1135638

Ion	Ratio	Lower	Upper
43	100		
58	29.5	25.5	38.3

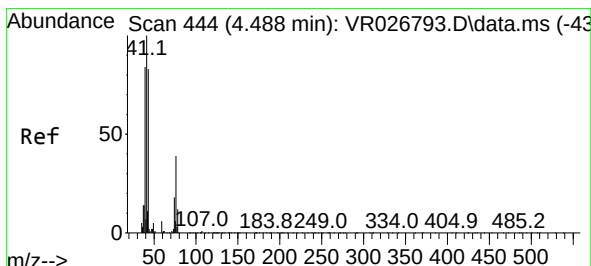
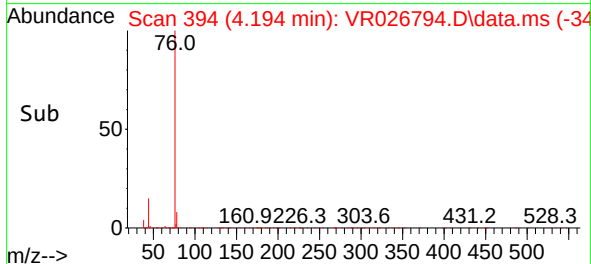
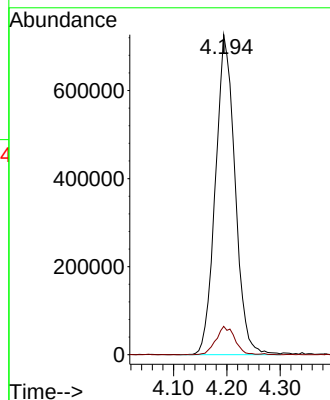
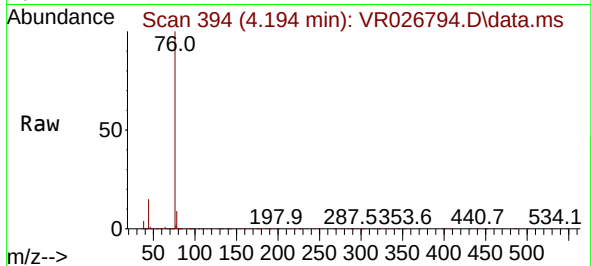




#17
Carbon Disulfide
Concen: 97.922 ug/l
RT: 4.194 min Scan# 396
Delta R.T. -0.012 min
Lab File: VR026794.D
Acq: 4 Dec 2025 14:48

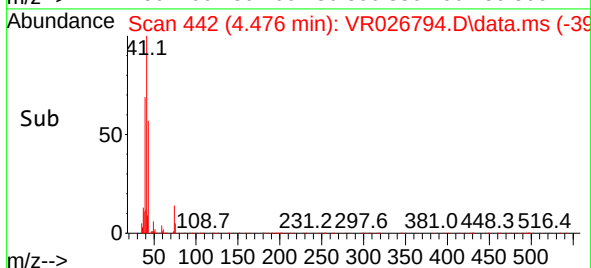
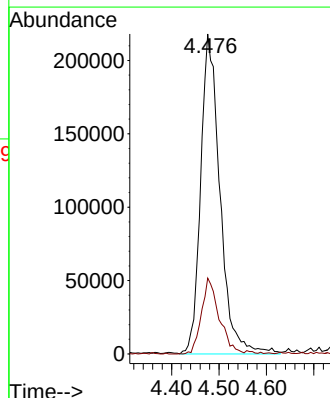
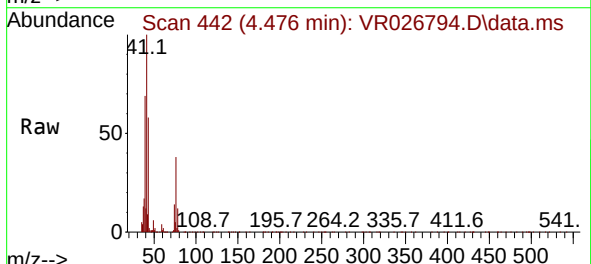
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC100

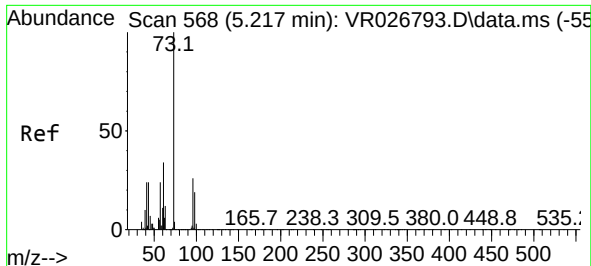
Tgt Ion: 76 Resp: 1857292
Ion Ratio Lower Upper
76 100
78 8.9 8.2 12.4



#18
Methyl Acetate
Concen: 98.690 ug/l
RT: 4.476 min Scan# 442
Delta R.T. -0.012 min
Lab File: VR026794.D
Acq: 4 Dec 2025 14:48

Tgt Ion: 43 Resp: 617794
Ion Ratio Lower Upper
43 100
74 21.7 18.3 27.5

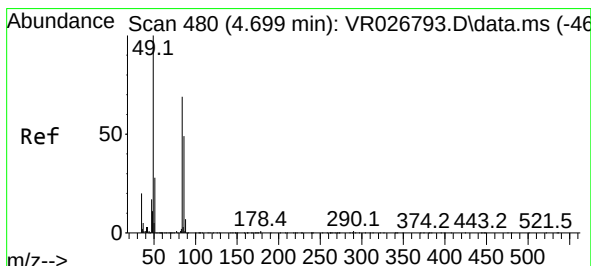
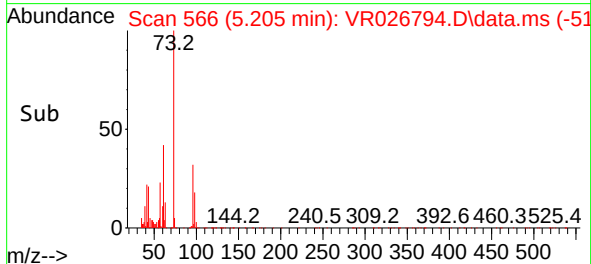
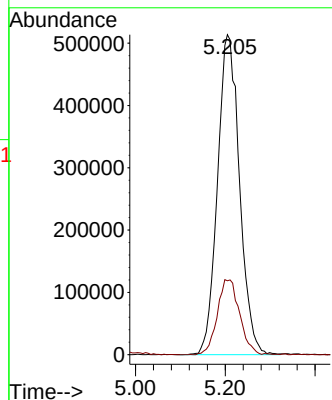
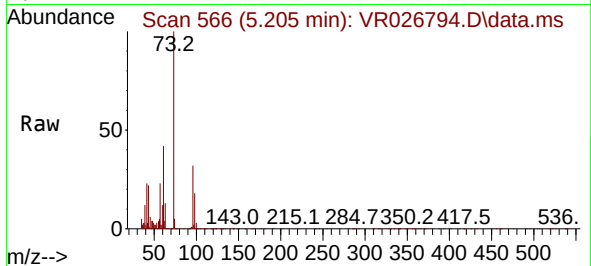




#19
Methyl tert-butyl Ether
Concen: 109.734 ug/l
RT: 5.205 min Scan# 51
Delta R.T. -0.012 min
Lab File: VR026794.D
Acq: 4 Dec 2025 14:48

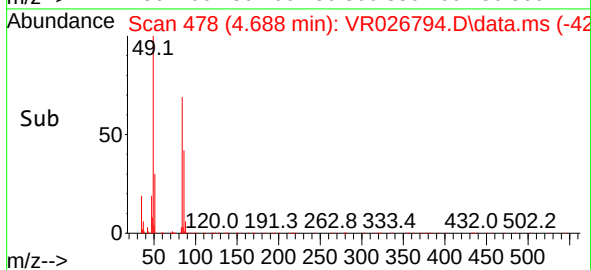
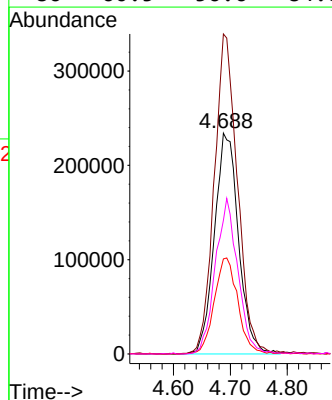
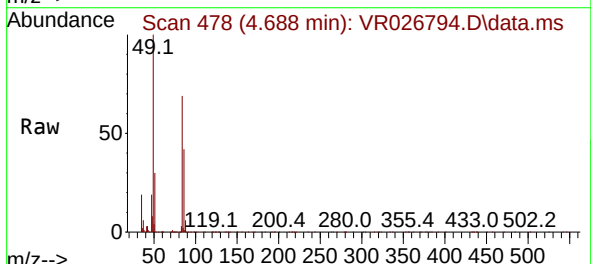
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC100

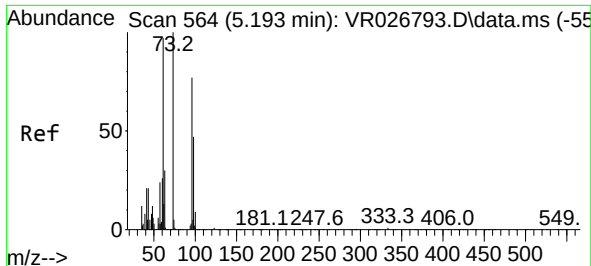
Tgt Ion: 73 Resp: 1751597
Ion Ratio Lower Upper
73 100
57 23.1 19.1 28.7



#20
Methylene Chloride
Concen: 91.318 ug/l
RT: 4.688 min Scan# 478
Delta R.T. -0.011 min
Lab File: VR026794.D
Acq: 4 Dec 2025 14:48

Tgt Ion: 84 Resp: 689522
Ion Ratio Lower Upper
84 100
49 144.8 115.9 173.9
51 43.1 31.9 47.9
86 60.5 56.6 84.8

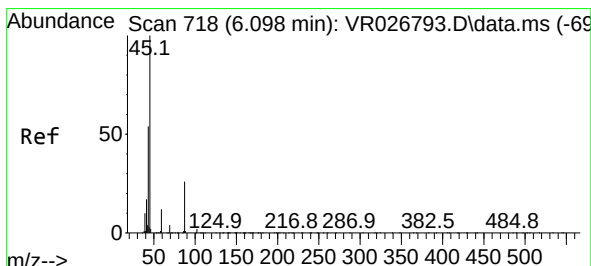
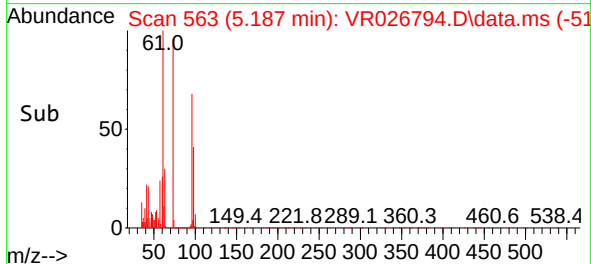
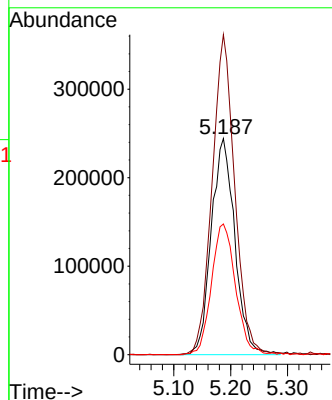
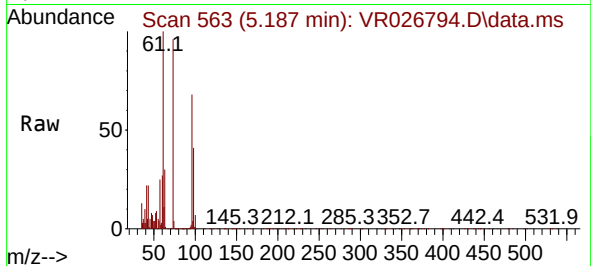




#21
trans-1,2-Dichloroethene
Concen: 103.764 ug/l
RT: 5.187 min Scan# 51
Delta R.T. -0.006 min
Lab File: VR026794.D
Acq: 4 Dec 2025 14:48

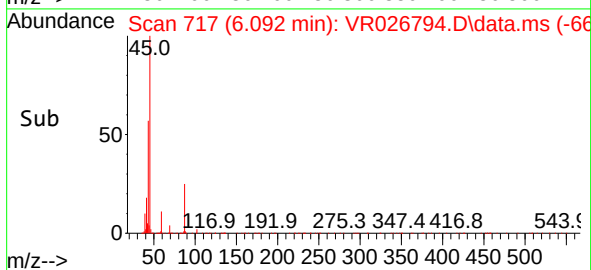
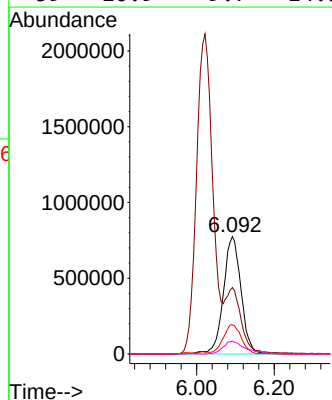
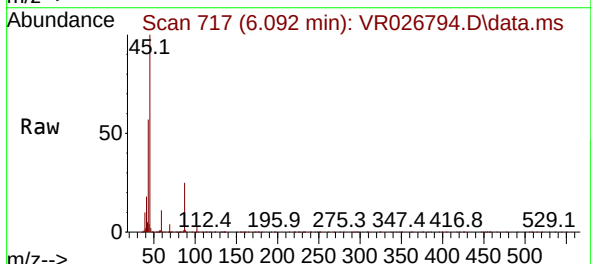
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC100

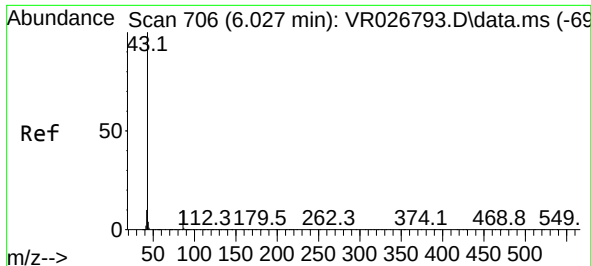
Tgt Ion: 96 Resp: 702088
Ion Ratio Lower Upper
96 100
61 147.9 101.2 151.8
98 60.3 49.0 73.4



#22
Diisopropyl ether
Concen: 106.073 ug/l
RT: 6.092 min Scan# 717
Delta R.T. -0.006 min
Lab File: VR026794.D
Acq: 4 Dec 2025 14:48

Tgt Ion: 45 Resp: 2445701
Ion Ratio Lower Upper
45 100
43 56.1 46.6 70.0
87 24.7 21.1 31.7
59 10.9 9.7 14.5

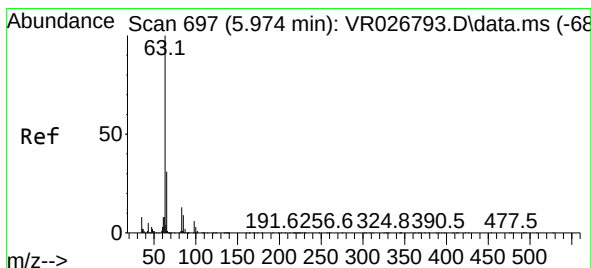
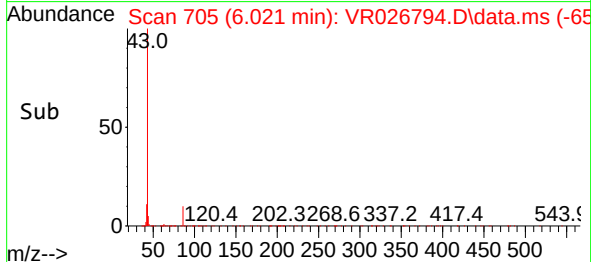
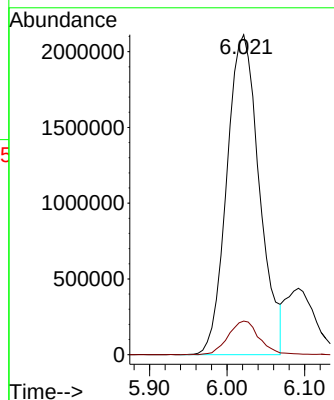
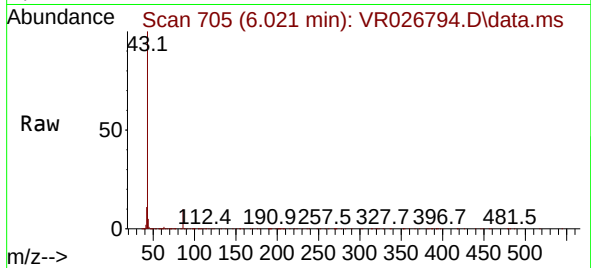




#23
 Vinyl Acetate
 Concen: 547.785 ug/l
 RT: 6.021 min Scan# 705
 Delta R.T. -0.006 min
 Lab File: VR026794.D
 Acq: 4 Dec 2025 14:48

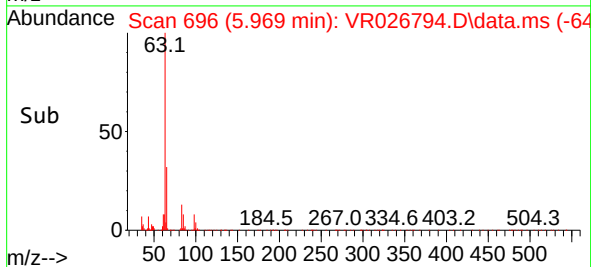
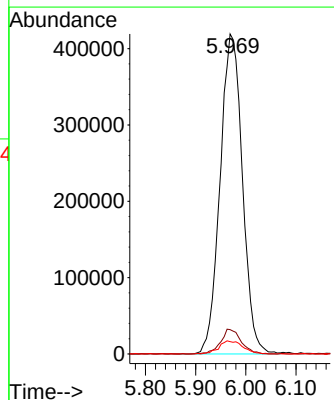
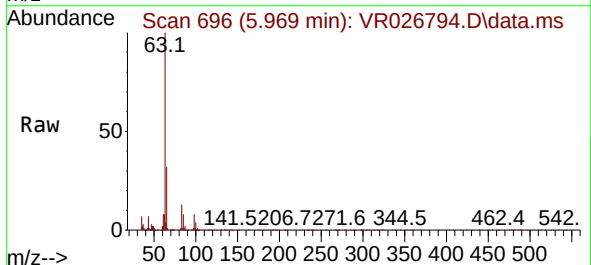
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDIC100

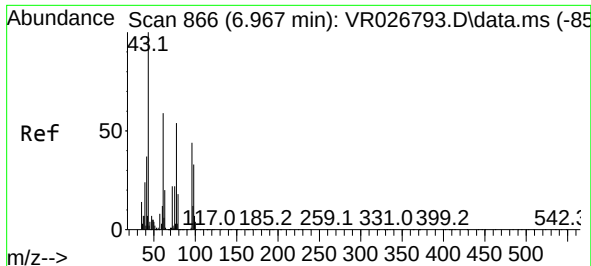
Tgt Ion: 43 Resp: 6175831
 Ion Ratio Lower Upper
 43 100
 86 10.5 7.6 11.4



#24
 1,1-Dichloroethane
 Concen: 100.063 ug/l
 RT: 5.969 min Scan# 696
 Delta R.T. -0.005 min
 Lab File: VR026794.D
 Acq: 4 Dec 2025 14:48

Tgt Ion: 63 Resp: 1296150
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.3 9.8
 100 3.9 1.8 5.3

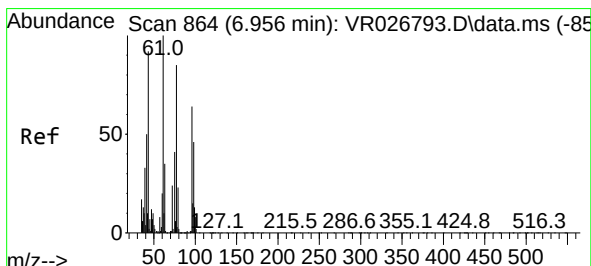
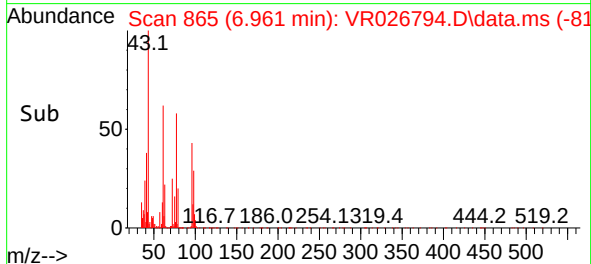
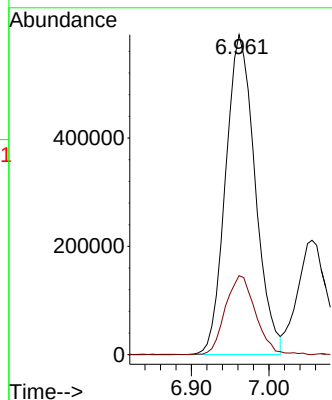
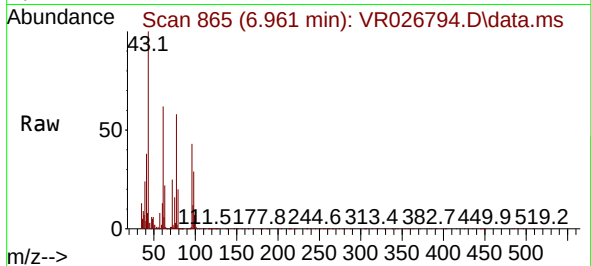




#25
2-Butanone
Concen: 481.510 ug/l
RT: 6.961 min Scan# 80
Delta R.T. -0.006 min
Lab File: VR026794.D
Acq: 4 Dec 2025 14:48

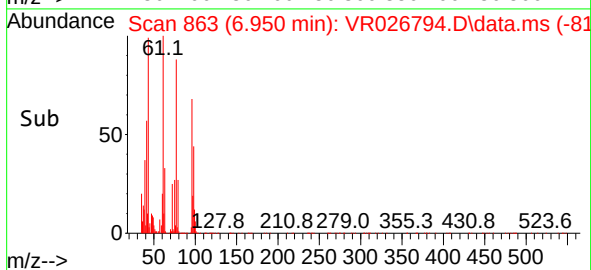
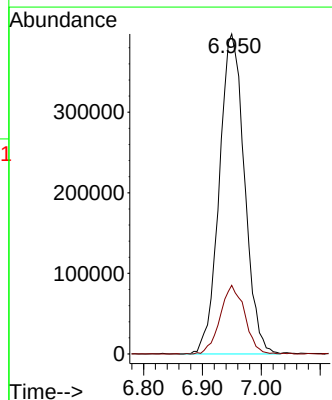
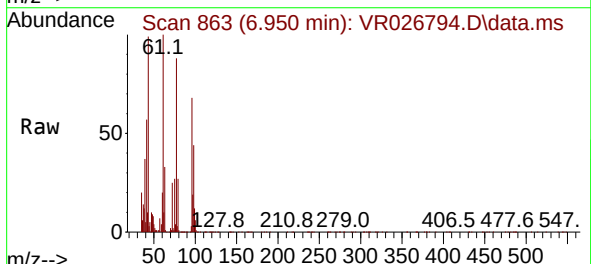
Instrument :
MSVOA_R
ClientSampleId :
VSTDICC100

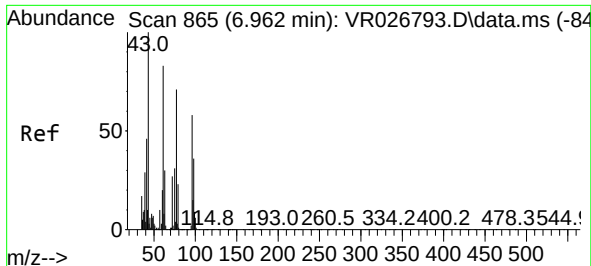
Tgt Ion: 43 Resp: 1562421
Ion Ratio Lower Upper
43 100
72 24.7 17.4 26.2



#26
2,2-Dichloropropane
Concen: 105.257 ug/l
RT: 6.950 min Scan# 863
Delta R.T. -0.006 min
Lab File: VR026794.D
Acq: 4 Dec 2025 14:48

Tgt Ion: 77 Resp: 1178914
Ion Ratio Lower Upper
77 100
97 20.9 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 106.948 ug/l

RT: 6.950 min Scan# 863

Delta R.T. -0.012 min

Lab File: VR026794.D

Acq: 4 Dec 2025 14:48

Instrument :

MSVOA_R

ClientSampleId :

VSTDIC100

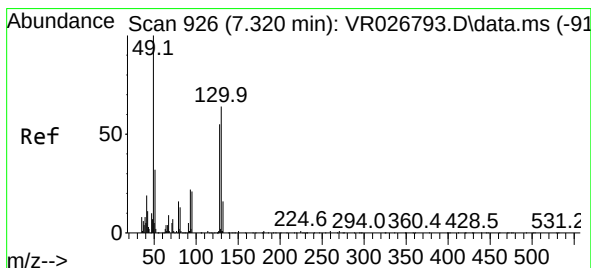
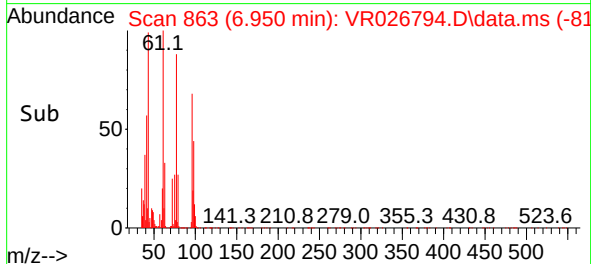
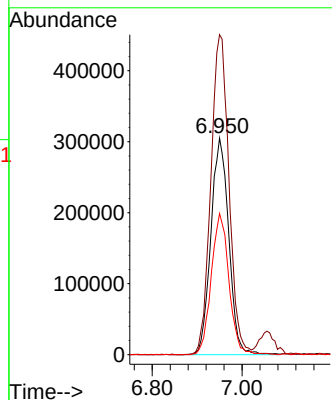
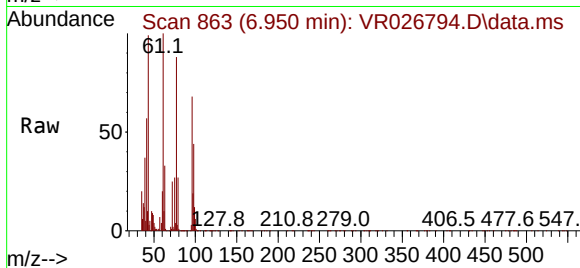
Tgt Ion: 96 Resp: 844833

Ion Ratio Lower Upper

96 100

61 149.3 0.0 296.6

98 64.5 0.0 132.0



#28

Bromochloromethane

Concen: 103.975 ug/l

RT: 7.314 min Scan# 925

Delta R.T. -0.006 min

Lab File: VR026794.D

Acq: 4 Dec 2025 14:48

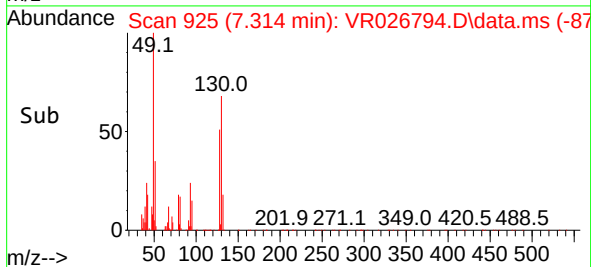
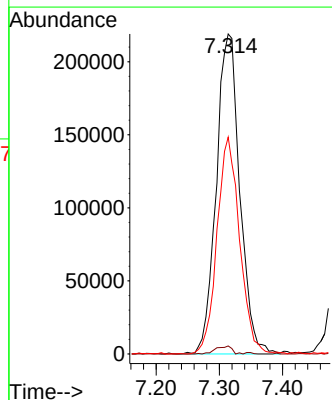
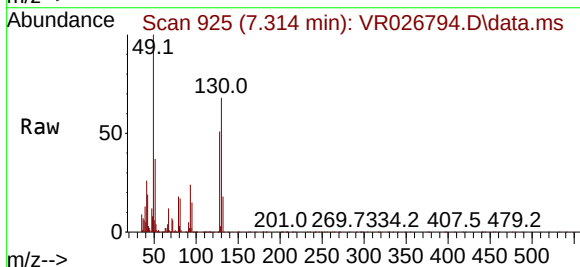
Tgt Ion: 49 Resp: 566308

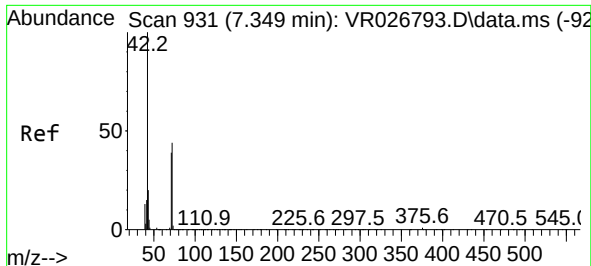
Ion Ratio Lower Upper

49 100

129 1.7 0.0 2.6

130 65.3 54.8 82.2

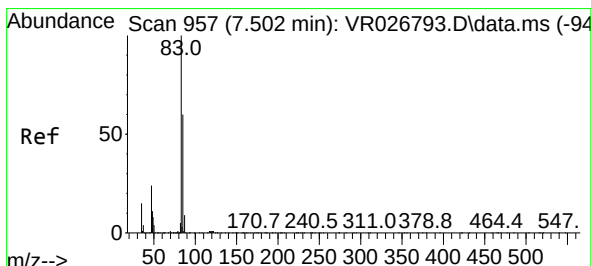
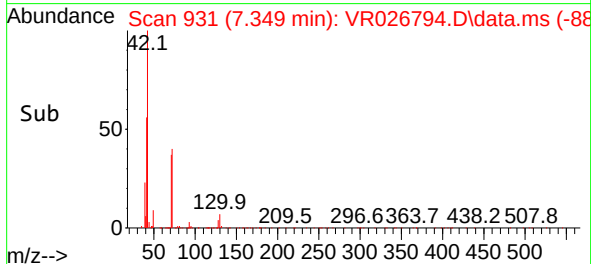
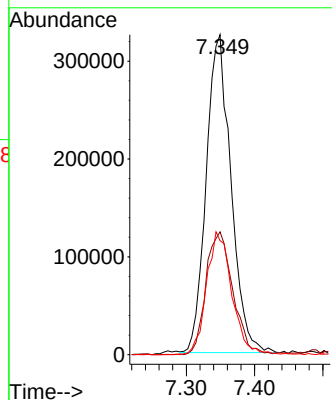
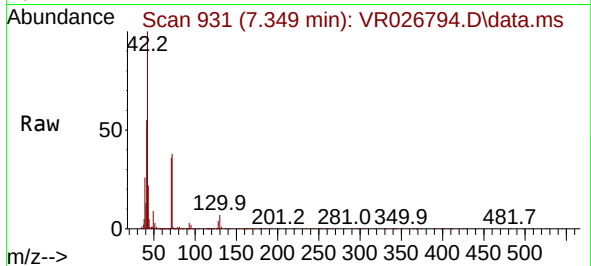




#29
Tetrahydrofuran
Concen: 556.179 ug/l
RT: 7.349 min Scan# 911
Delta R.T. 0.000 min
Lab File: VR026794.D
Acq: 4 Dec 2025 14:48

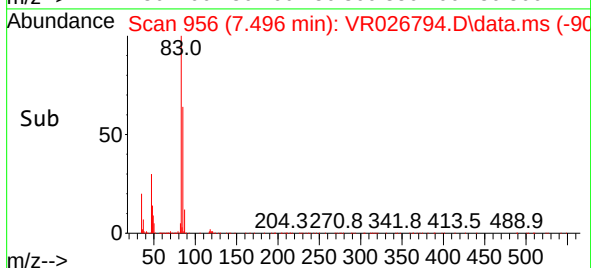
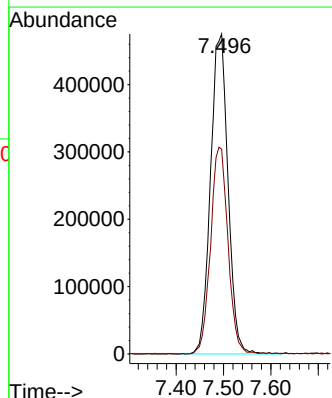
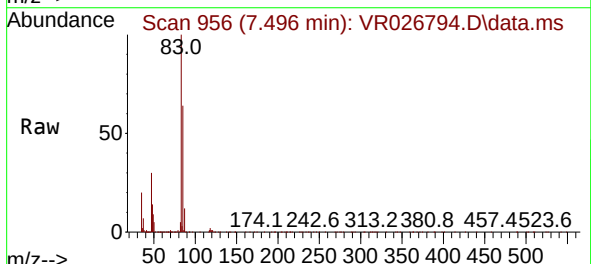
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC100

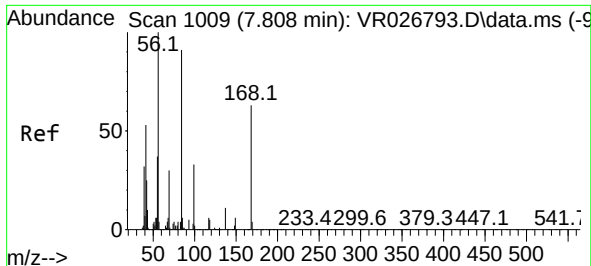
Tgt Ion: 42 Resp: 820253
Ion Ratio Lower Upper
42 100
72 42.0 35.4 53.2
71 39.4 30.8 46.2



#30
Chloroform
Concen: 102.133 ug/l
RT: 7.496 min Scan# 956
Delta R.T. -0.006 min
Lab File: VR026794.D
Acq: 4 Dec 2025 14:48

Tgt Ion: 83 Resp: 1215751
Ion Ratio Lower Upper
83 100
85 64.0 48.2 72.4

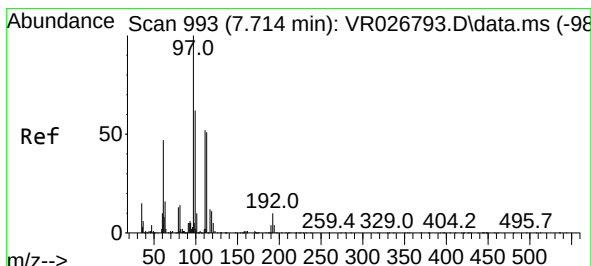
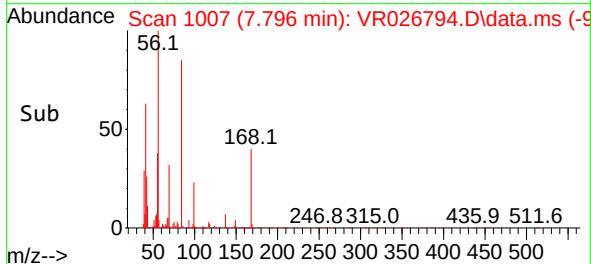
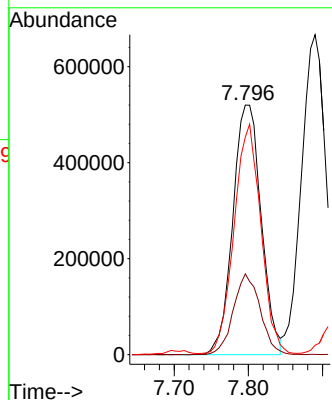
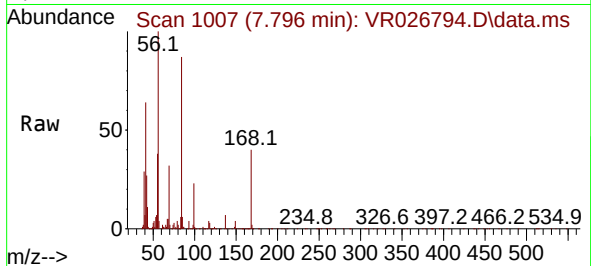




#31
Cyclohexane
Concen: 99.333 ug/l
RT: 7.796 min Scan# 1009
Delta R.T. -0.012 min
Lab File: VR026794.D
Acq: 4 Dec 2025 14:48

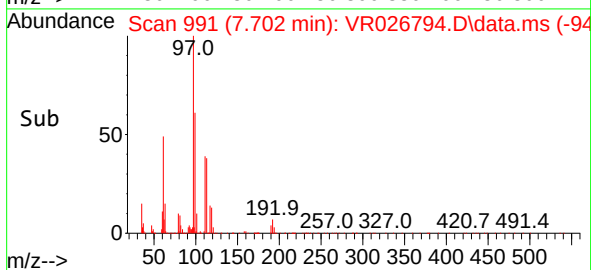
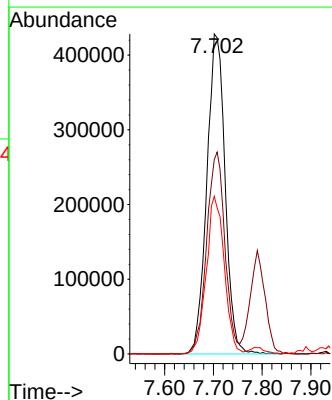
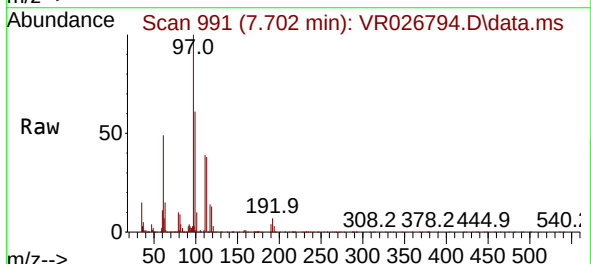
Instrument :
MSVOA_R
ClientSampleId :
VSTDICC100

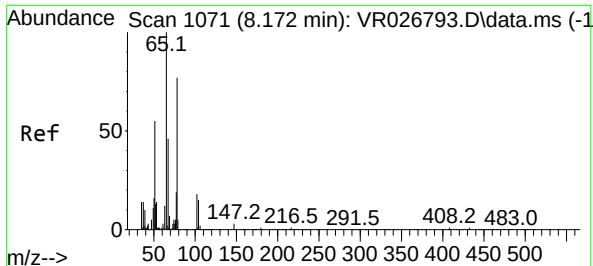
Tgt Ion: 56 Resp: 1382634
Ion Ratio Lower Upper
56 100
69 32.3 23.8 35.6
84 85.8 72.3 108.5



#32
1,1,1-Trichloroethane
Concen: 107.584 ug/l
RT: 7.702 min Scan# 991
Delta R.T. -0.012 min
Lab File: VR026794.D
Acq: 4 Dec 2025 14:48

Tgt Ion: 97 Resp: 1113558
Ion Ratio Lower Upper
97 100
99 63.4 50.4 75.6
61 48.4 37.9 56.9





#33

1,2-Dichloroethane-d4

Concen: 102.718 ug/l

RT: 8.172 min Scan# 1071

Delta R.T. -0.000 min

Lab File: VR026794.D

Acq: 4 Dec 2025 14:48

Instrument :

MSVOA_R

ClientSampleId :

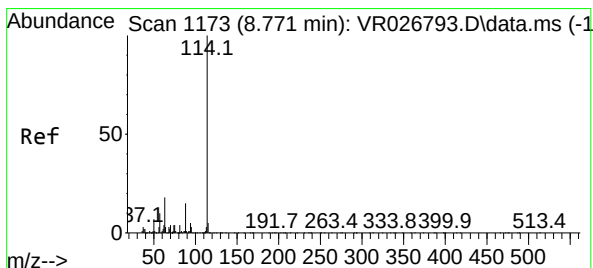
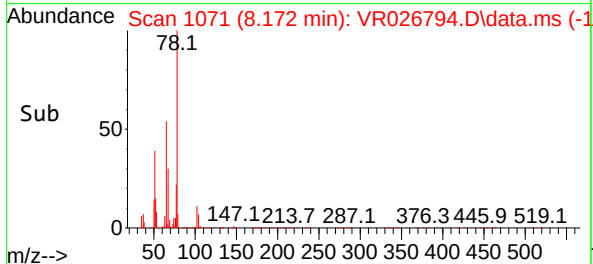
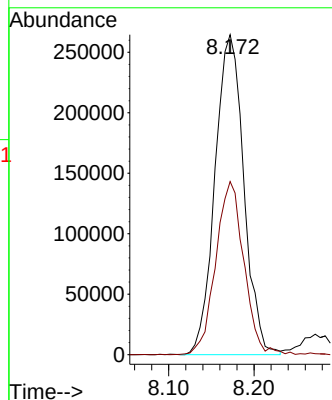
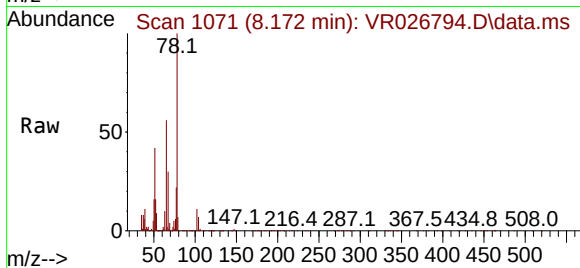
VSTDIC100

Tgt Ion: 65 Resp: 621309

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: VR026794.D

Acq: 4 Dec 2025 14:48

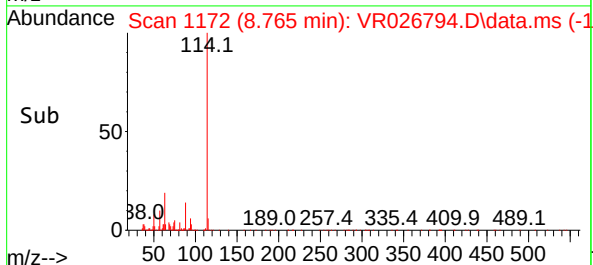
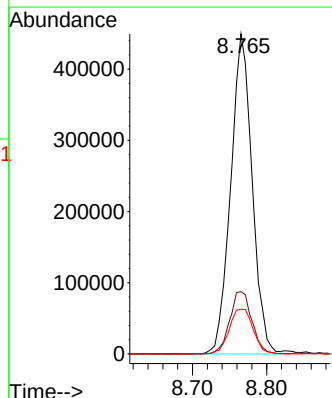
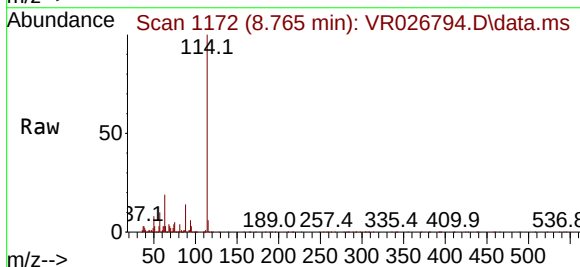
Tgt Ion: 114 Resp: 900885

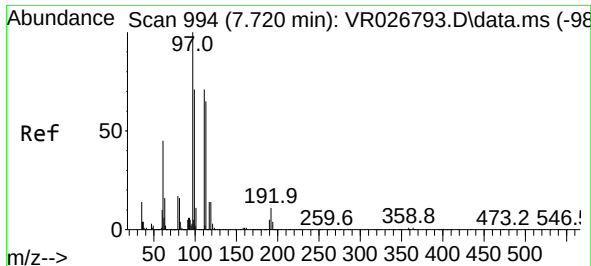
Ion Ratio Lower Upper

114 100

63 19.4 0.0 36.6

88 14.0 0.0 29.8

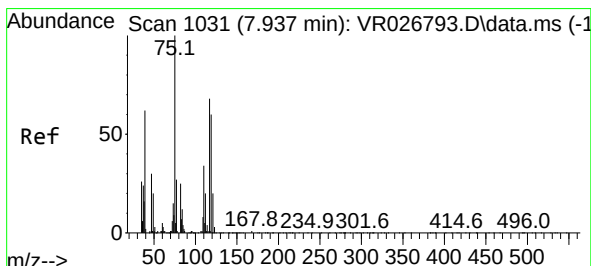
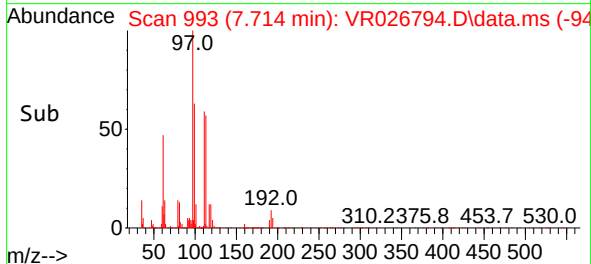
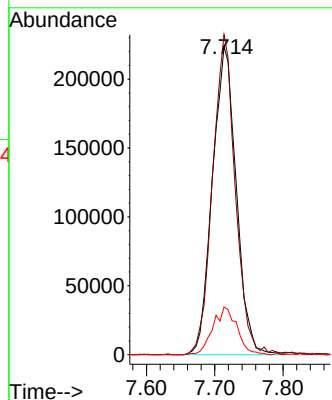
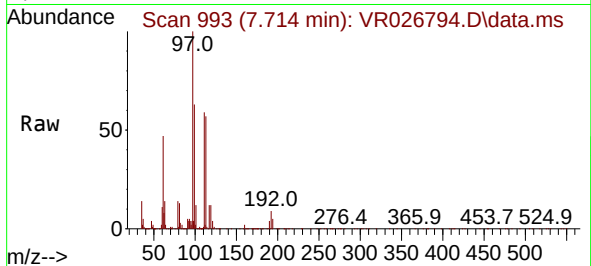




#35
 Dibromofluoromethane
 Concen: 106.280 ug/l
 RT: 7.714 min Scan# 994
 Delta R.T. -0.006 min
 Lab File: VR026794.D
 Acq: 4 Dec 2025 14:48

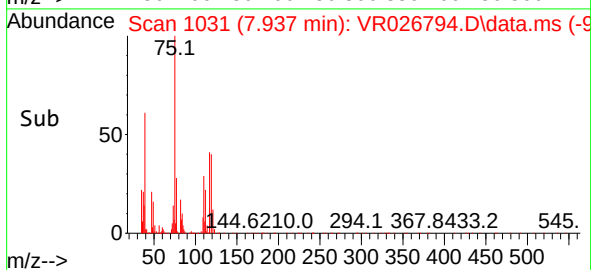
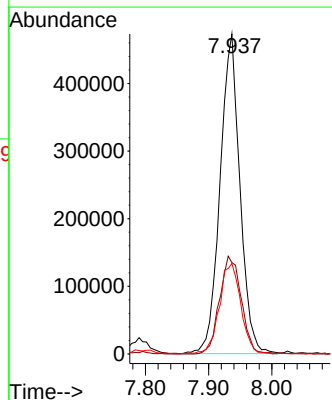
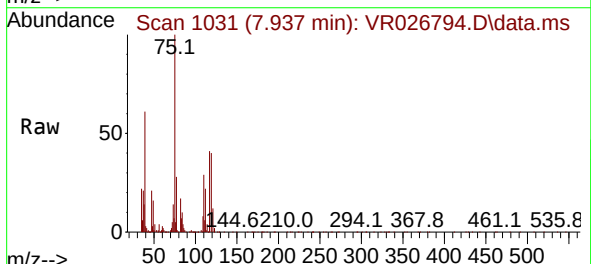
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDIC100

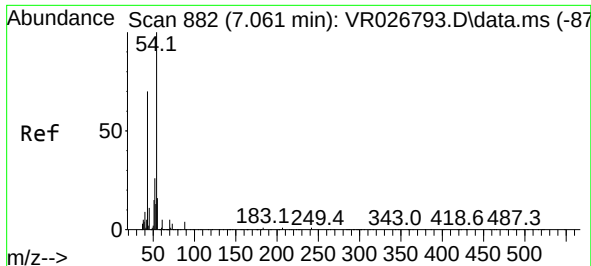
Tgt Ion:113 Resp: 542587
 Ion Ratio Lower Upper
 113 100
 111 99.2 80.5 120.7
 192 15.7 13.8 20.8



#36
 1,1-Dichloropropene
 Concen: 109.297 ug/l
 RT: 7.937 min Scan# 1031
 Delta R.T. -0.000 min
 Lab File: VR026794.D
 Acq: 4 Dec 2025 14:48

Tgt Ion: 75 Resp: 1030517
 Ion Ratio Lower Upper
 75 100
 110 33.4 17.5 52.6
 77 30.7 22.4 33.6

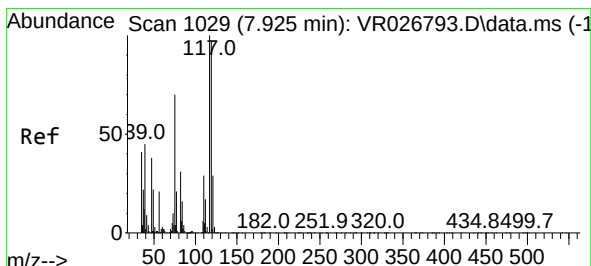
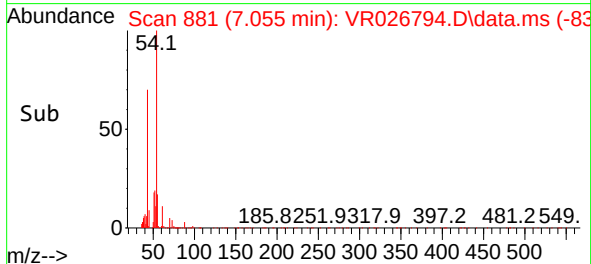
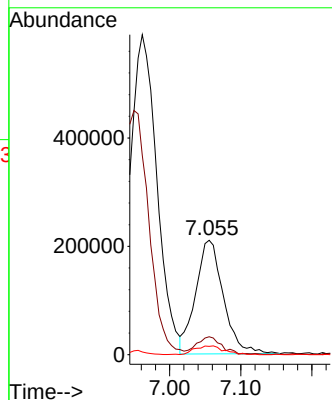
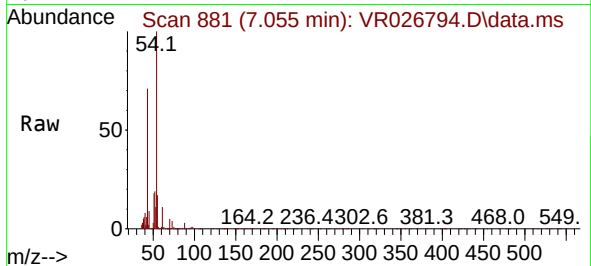




#37
Ethyl Acetate
Concen: 120.653 ug/l
RT: 7.055 min Scan# 81
Delta R.T. -0.006 min
Lab File: VR026794.D
Acq: 4 Dec 2025 14:48

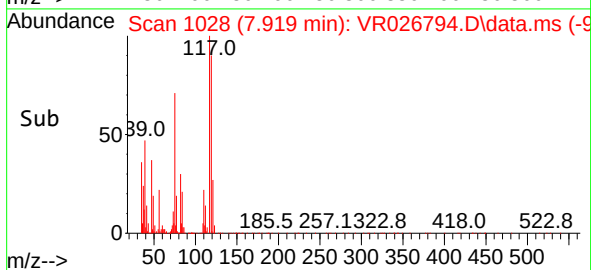
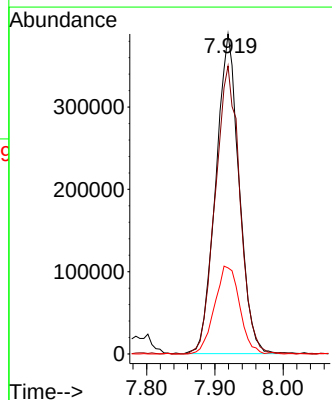
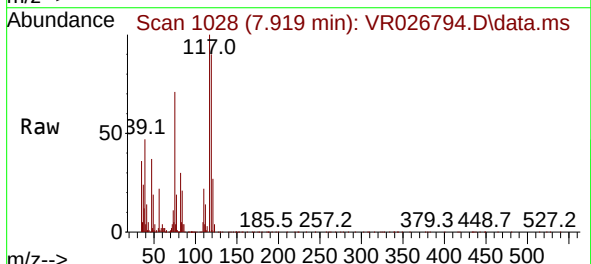
Instrument :
MSVOA_R
ClientSampleId :
VSTDICC100

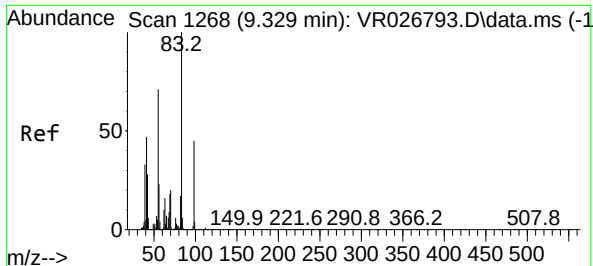
Tgt Ion: 43 Resp: 568019
Ion Ratio Lower Upper
43 100
61 13.2 12.0 18.0
70 8.3 7.8 11.6



#38
Carbon Tetrachloride
Concen: 110.151 ug/l
RT: 7.919 min Scan# 1028
Delta R.T. -0.006 min
Lab File: VR026794.D
Acq: 4 Dec 2025 14:48

Tgt Ion: 117 Resp: 922792
Ion Ratio Lower Upper
117 100
119 90.0 77.5 116.3
121 26.9 23.4 35.2

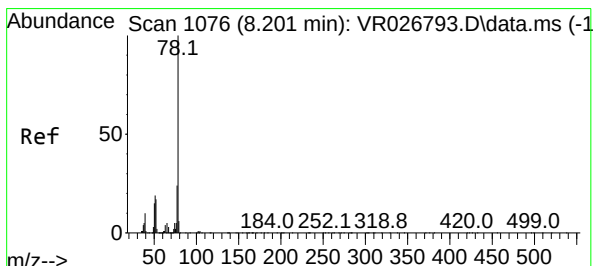
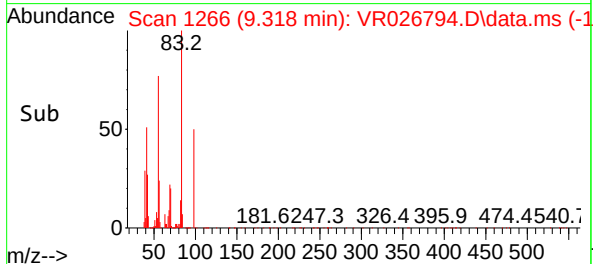
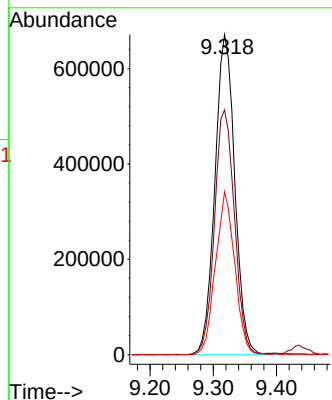
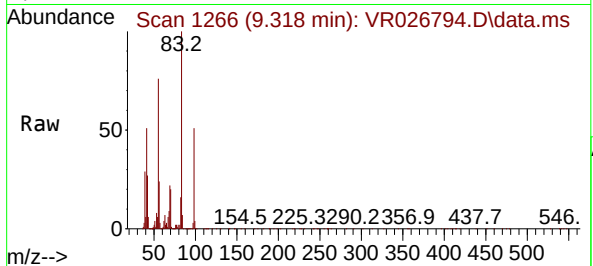




#39
Methylcyclohexane
Concen: 104.210 ug/l
RT: 9.318 min Scan# 11
Delta R.T. -0.011 min
Lab File: VR026794.D
Acq: 4 Dec 2025 14:48

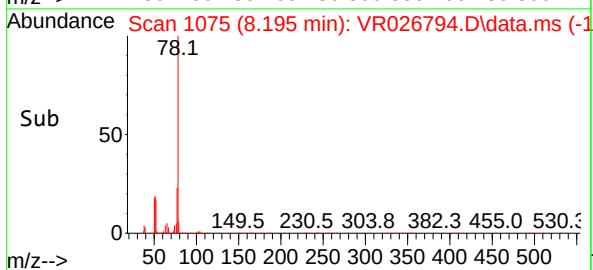
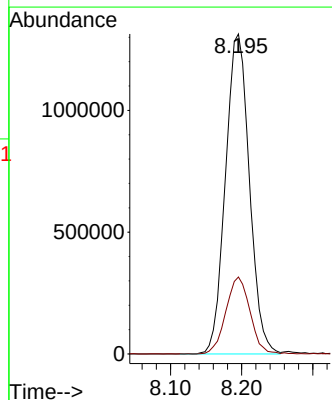
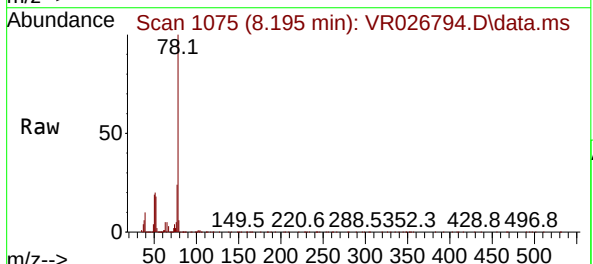
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC100

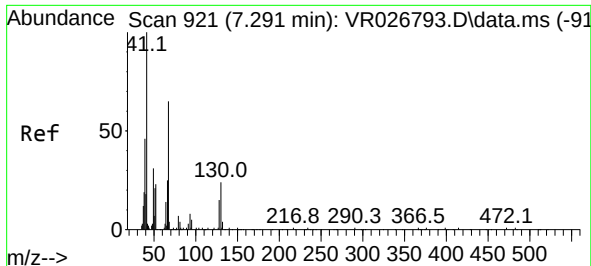
Tgt Ion: 83 Resp: 1465703
Ion Ratio Lower Upper
83 100
55 76.4 56.6 85.0
98 50.9 36.0 54.0



#40
Benzene
Concen: 106.322 ug/l
RT: 8.195 min Scan# 1075
Delta R.T. -0.006 min
Lab File: VR026794.D
Acq: 4 Dec 2025 14:48

Tgt Ion: 78 Resp: 3069608
Ion Ratio Lower Upper
78 100
77 24.0 19.5 29.3



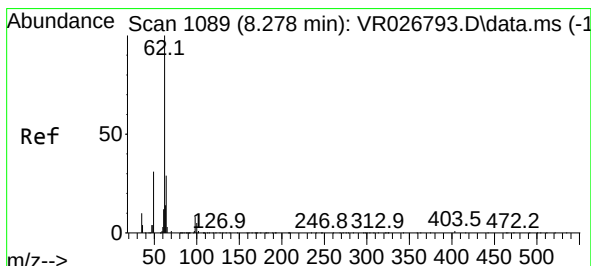
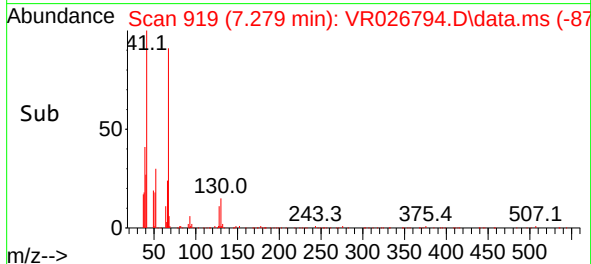
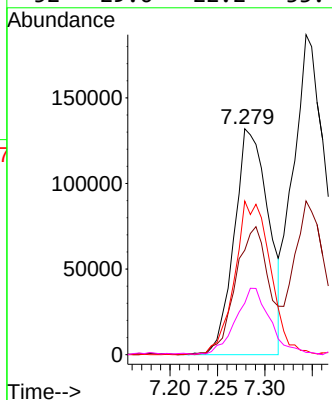
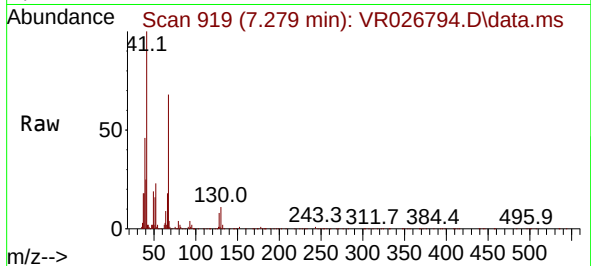


#41
Methacrylonitrile
Concen: 112.380 ug/l
RT: 7.279 min Scan# 919
Delta R.T. -0.012 min
Lab File: VR026794.D
Acq: 4 Dec 2025 14:48

Instrument :
MSVOA_R
ClientSampleId :
VSTDIC100

Tgt Ion: 41 Resp: 331813

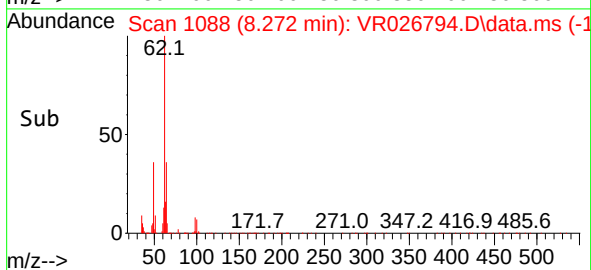
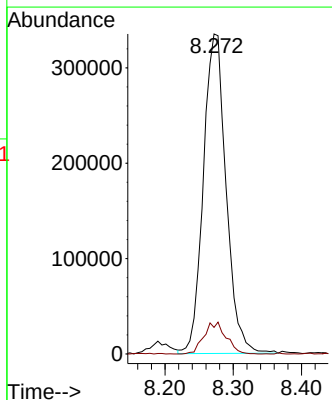
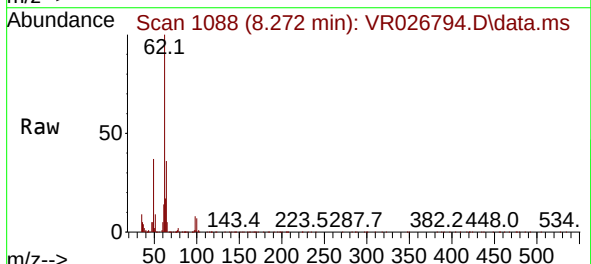
Ion	Ratio	Lower	Upper
41	100		
39	58.3	40.4	60.6
67	70.6	55.5	83.3
52	29.6	22.2	33.4

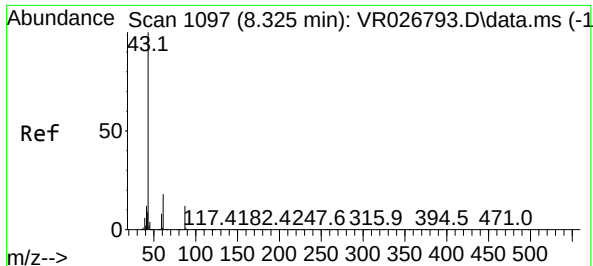


#42
1,2-Dichloroethane
Concen: 108.972 ug/l
RT: 8.272 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VR026794.D
Acq: 4 Dec 2025 14:48

Tgt Ion: 62 Resp: 778776

Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.2

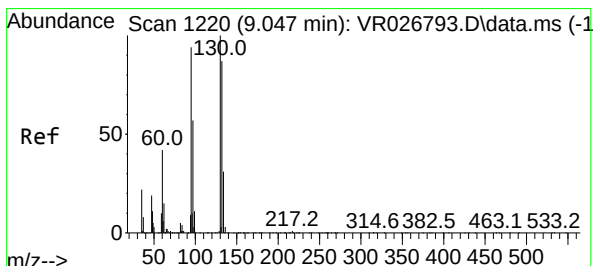
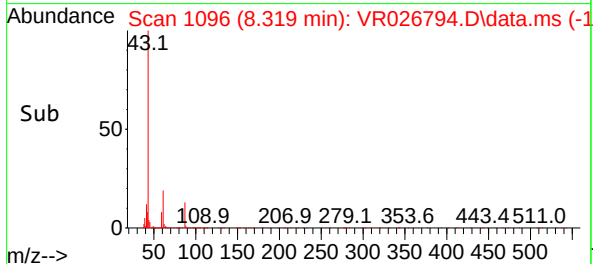
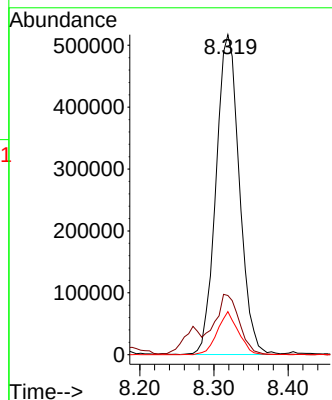
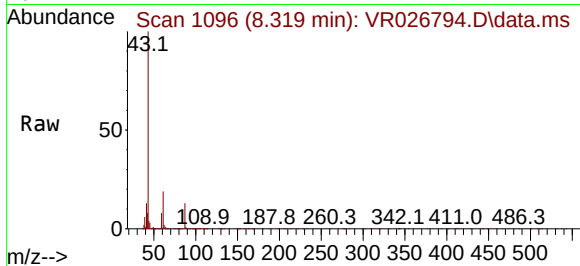




#43
Isopropyl Acetate
Concen: 114.044 ug/l
RT: 8.319 min Scan# 1096
Delta R.T. -0.006 min
Lab File: VR026794.D
Acq: 4 Dec 2025 14:48

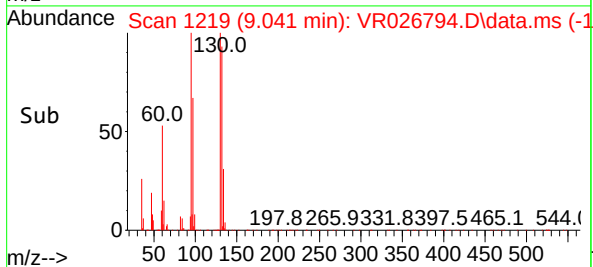
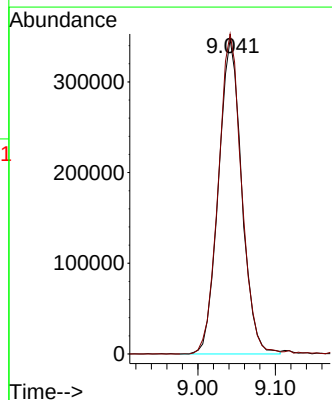
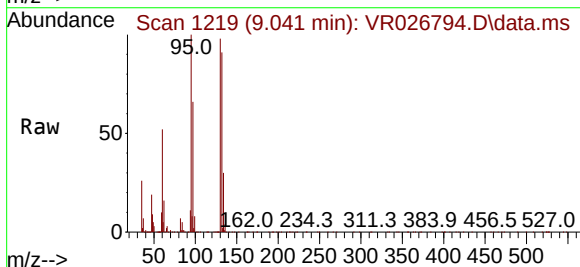
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC100

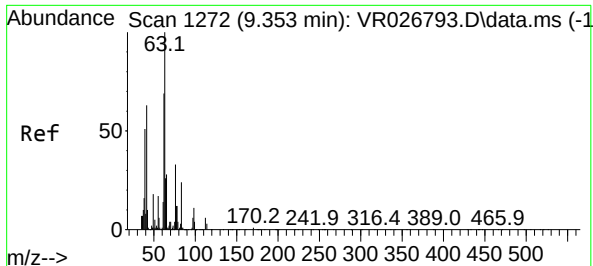
Tgt Ion: 43 Resp: 1129464
Ion Ratio Lower Upper
43 100
61 19.8 17.0 25.6
87 12.2 10.5 15.7



#44
Trichloroethene
Concen: 105.321 ug/l
RT: 9.041 min Scan# 1219
Delta R.T. -0.006 min
Lab File: VR026794.D
Acq: 4 Dec 2025 14:48

Tgt Ion:130 Resp: 722875
Ion Ratio Lower Upper
130 100
95 101.6 0.0 188.0





#45

1,2-Dichloropropane

Concen: 108.766 ug/l

RT: 9.347 min Scan# 11

Delta R.T. -0.006 min

Lab File: VR026794.D

Acq: 4 Dec 2025 14:48

Instrument :

MSVOA_R

ClientSampleId :

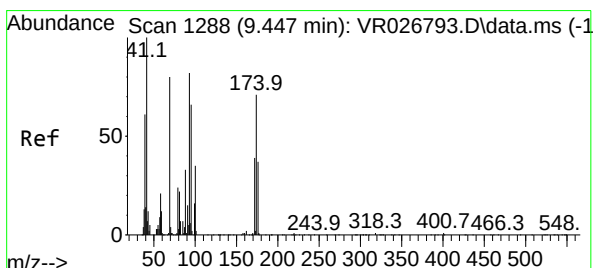
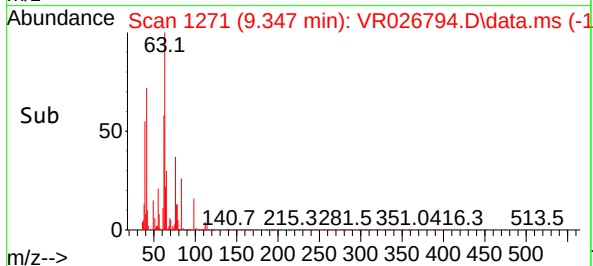
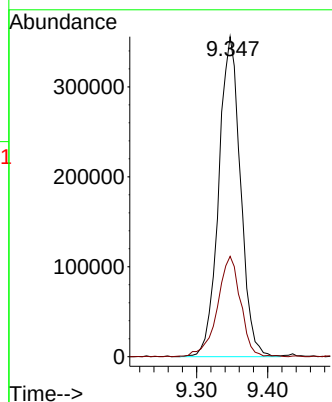
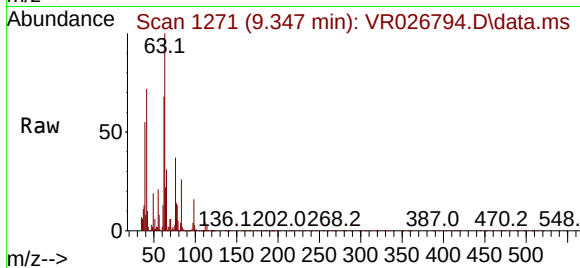
VSTDICC100

Tgt Ion: 63 Resp: 755457

Ion Ratio Lower Upper

63 100

65 31.2 22.7 34.1



#46

Dibromomethane

Concen: 109.477 ug/l

RT: 9.441 min Scan# 1287

Delta R.T. -0.006 min

Lab File: VR026794.D

Acq: 4 Dec 2025 14:48

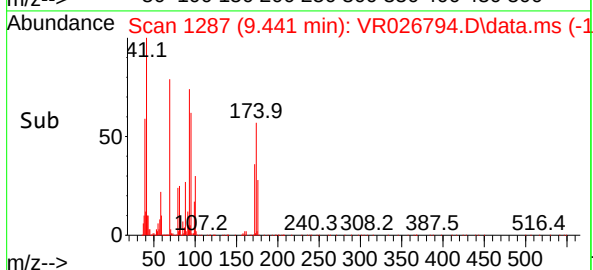
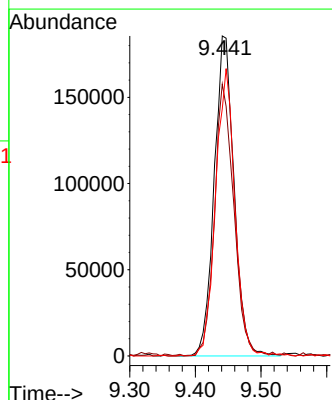
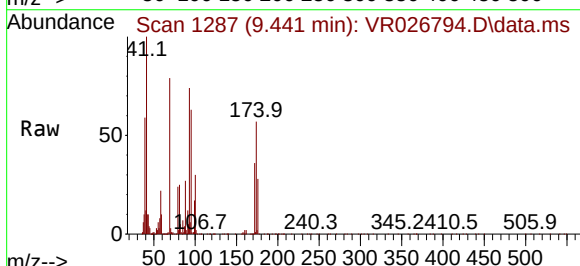
Tgt Ion: 93 Resp: 389478

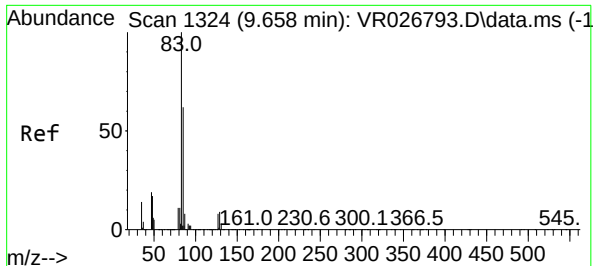
Ion Ratio Lower Upper

93 100

95 82.3 63.4 95.2

174 87.7 67.1 100.7

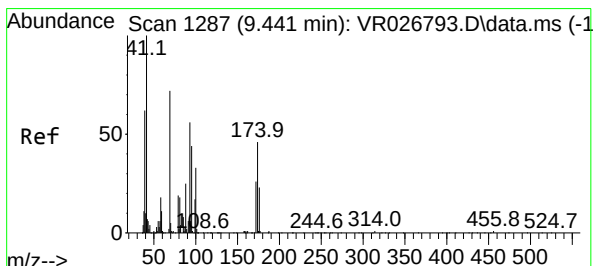
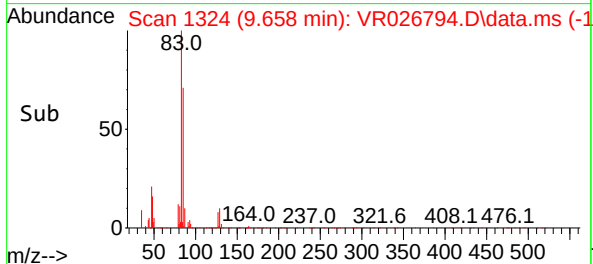
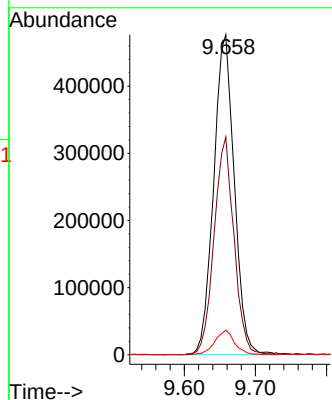
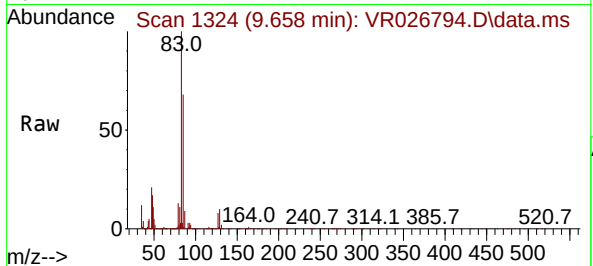




#47
Bromodichloromethane
Concen: 108.034 ug/l
RT: 9.658 min Scan# 11
Delta R.T. 0.000 min
Lab File: VR026794.D
Acq: 4 Dec 2025 14:48

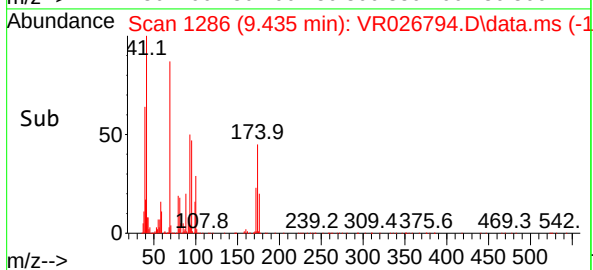
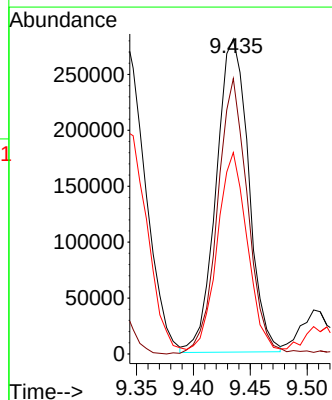
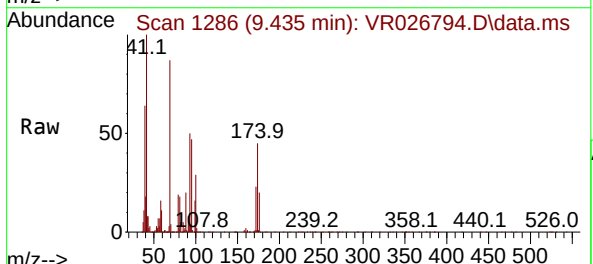
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC100

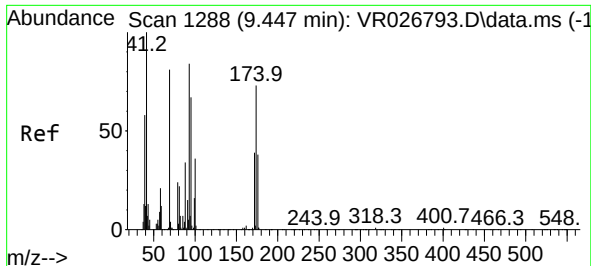
Tgt Ion: 83 Resp: 958694
Ion Ratio Lower Upper
83 100
85 68.1 49.8 74.8
127 7.6 6.5 9.7



#48
Methyl methacrylate
Concen: 113.846 ug/l
RT: 9.435 min Scan# 1286
Delta R.T. -0.006 min
Lab File: VR026794.D
Acq: 4 Dec 2025 14:48

Tgt Ion: 41 Resp: 554848
Ion Ratio Lower Upper
41 100
69 82.5 60.6 90.8
39 60.2 48.2 72.2

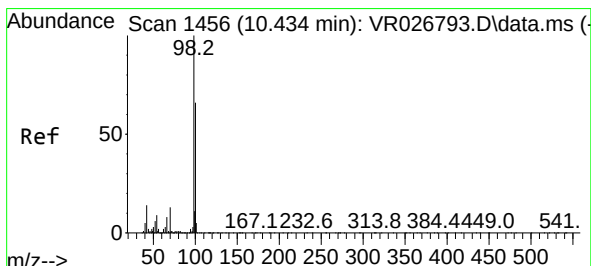
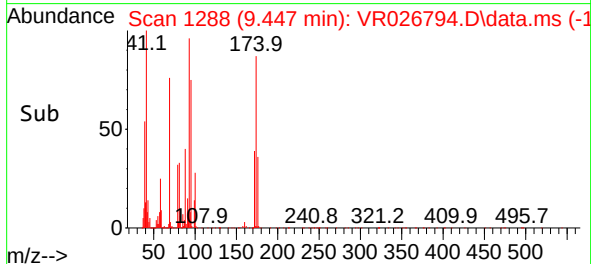
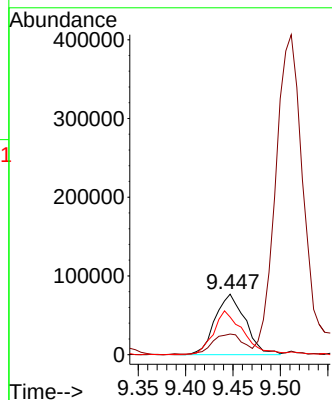
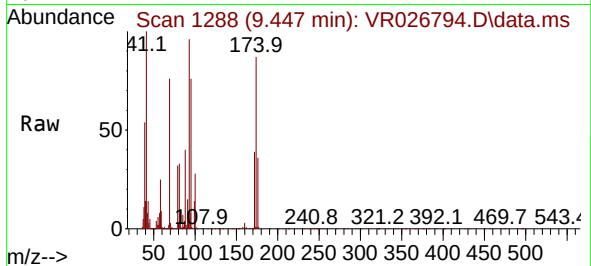




#49
1,4-Dioxane
Concen: 2379.947 ug/l
RT: 9.447 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VR026794.D
Acq: 4 Dec 2025 14:48

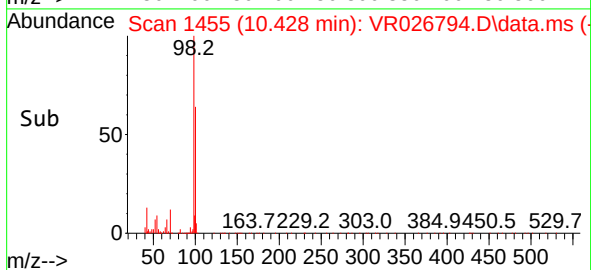
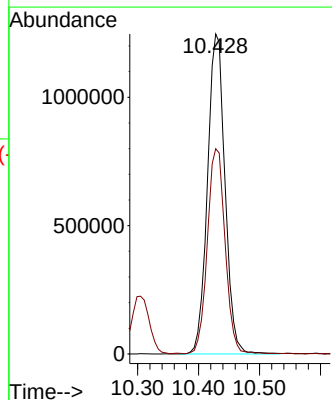
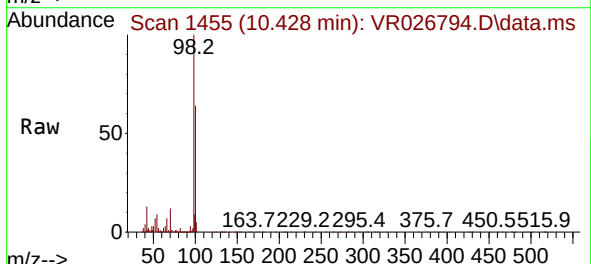
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC100

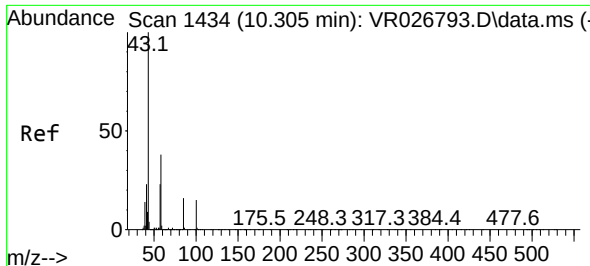
Tgt Ion: 88 Resp: 170699
Ion Ratio Lower Upper
88 100
43 33.5 14.1 21.1#
58 71.1 52.6 78.8



#50
Toluene-d8
Concen: 103.617 ug/l
RT: 10.428 min Scan# 1455
Delta R.T. -0.006 min
Lab File: VR026794.D
Acq: 4 Dec 2025 14:48

Tgt Ion: 98 Resp: 2491171
Ion Ratio Lower Upper
98 100
100 64.9 53.8 80.6

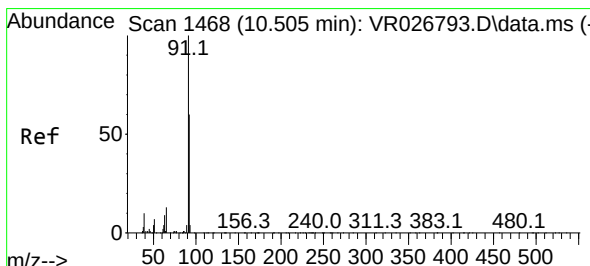
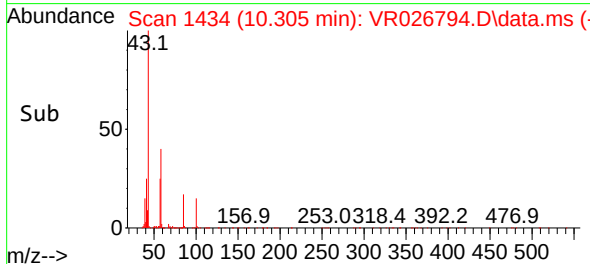
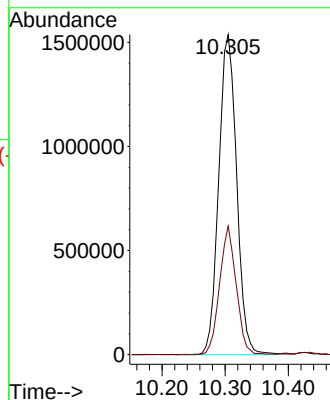
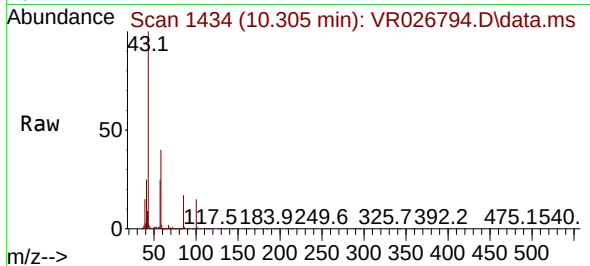




#51
4-Methyl-2-Pentanone
Concen: 575.821 ug/l
RT: 10.305 min Scan# 1434
Delta R.T. -0.000 min
Lab File: VR026794.D
Acq: 4 Dec 2025 14:48

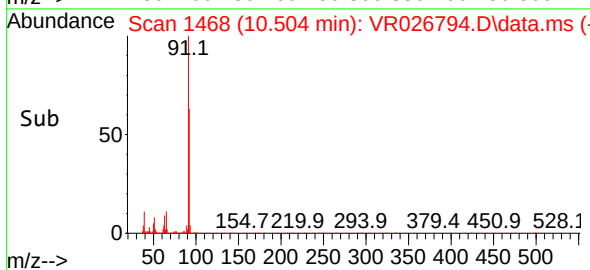
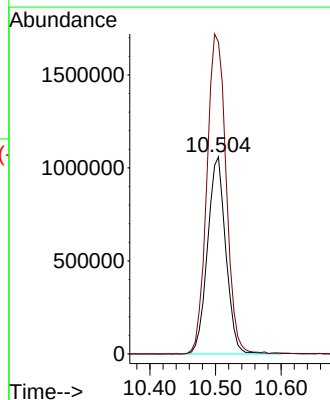
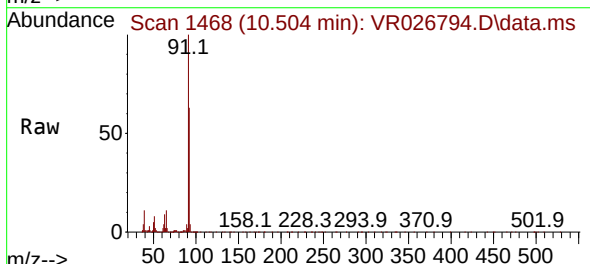
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC100

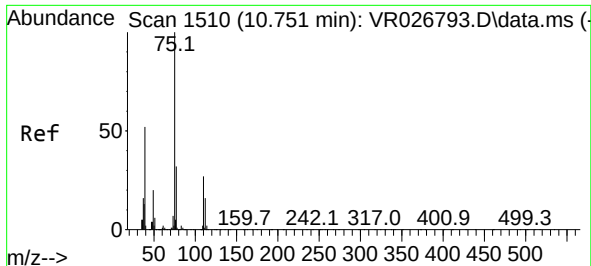
Tgt Ion: 43 Resp: 3029352
Ion Ratio Lower Upper
43 100
58 37.3 31.1 46.7



#52
Toluene
Concen: 105.765 ug/l
RT: 10.504 min Scan# 1468
Delta R.T. -0.001 min
Lab File: VR026794.D
Acq: 4 Dec 2025 14:48

Tgt Ion: 92 Resp: 2045733
Ion Ratio Lower Upper
92 100
91 171.6 139.7 209.5

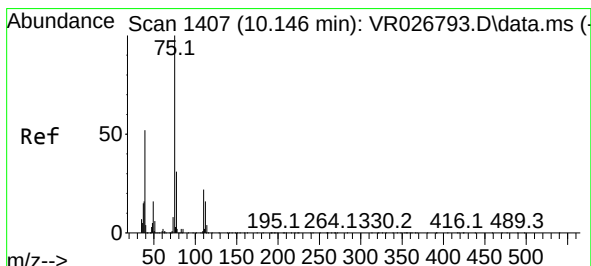
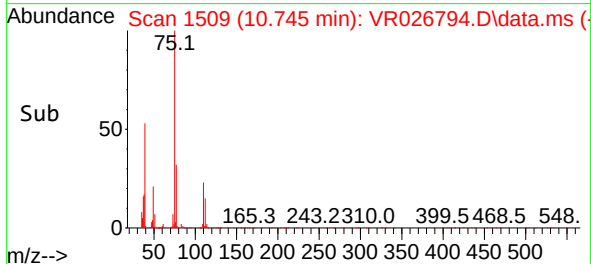
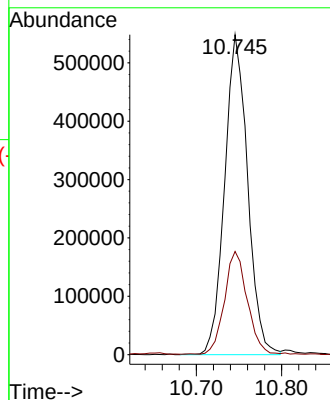
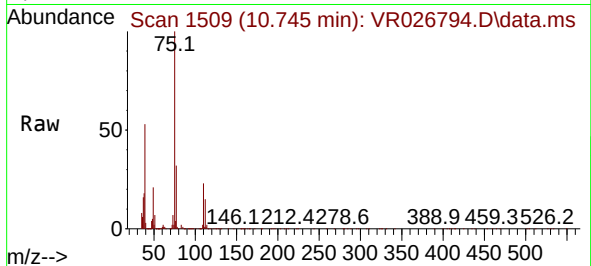




#53
t-1,3-Dichloropropene
Concen: 112.494 ug/l
RT: 10.745 min Scan# 11
Delta R.T. -0.006 min
Lab File: VR026794.D
Acq: 4 Dec 2025 14:48

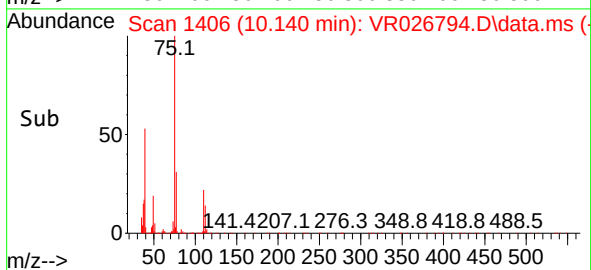
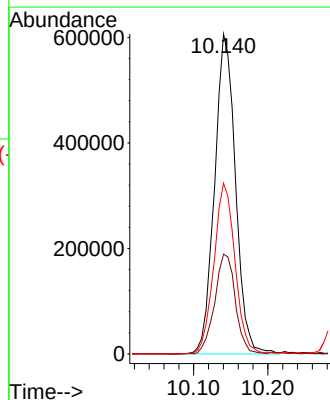
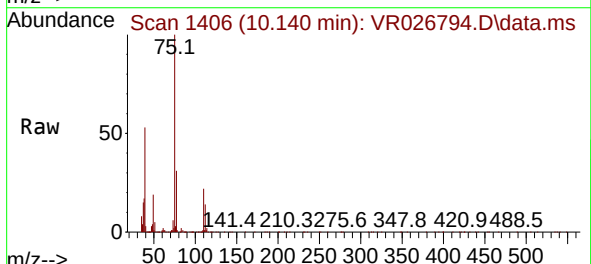
Instrument :
MSVOA_R
ClientSampleId :
VSTDICC100

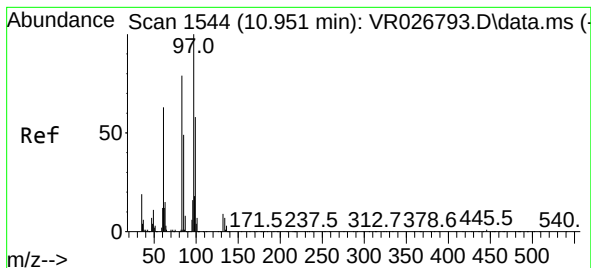
Tgt Ion: 75 Resp: 1026498
Ion Ratio Lower Upper
75 100
77 32.1 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 109.070 ug/l
RT: 10.140 min Scan# 1406
Delta R.T. -0.006 min
Lab File: VR026794.D
Acq: 4 Dec 2025 14:48

Tgt Ion: 75 Resp: 1189915
Ion Ratio Lower Upper
75 100
77 31.1 24.6 37.0
39 53.3 41.8 62.6

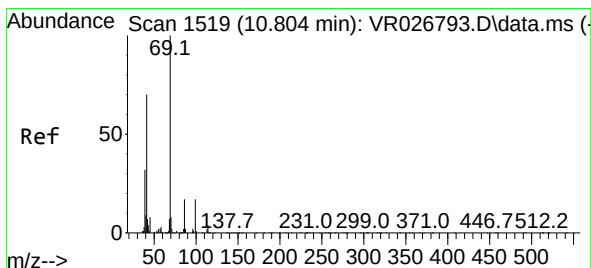
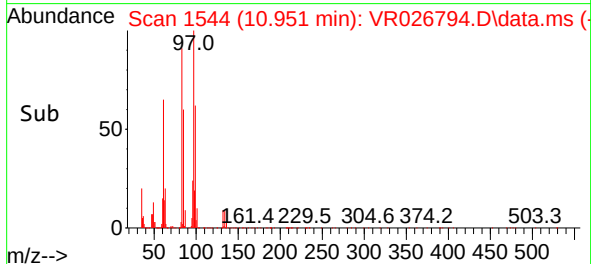
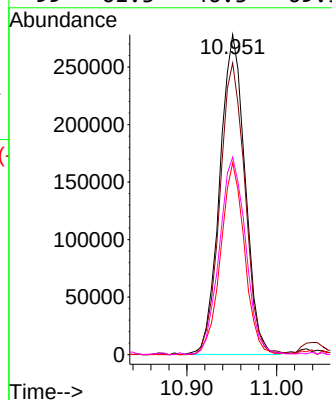
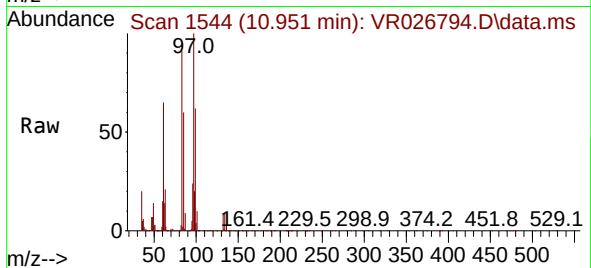




#55
1,1,2-Trichloroethane
Concen: 105.936 ug/l
RT: 10.951 min Scan# 1544
Delta R.T. 0.000 min
Lab File: VR026794.D
Acq: 4 Dec 2025 14:48

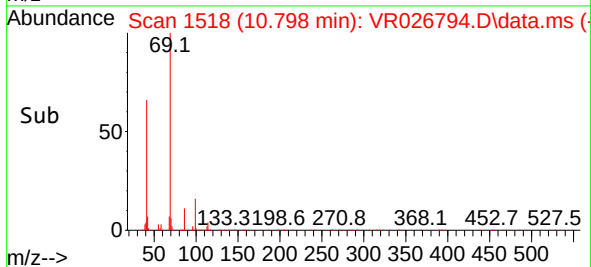
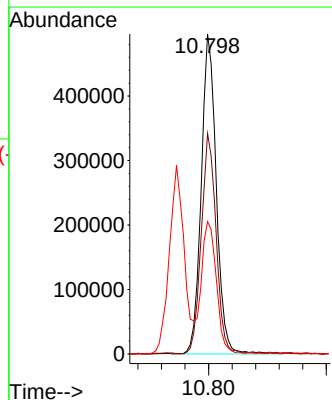
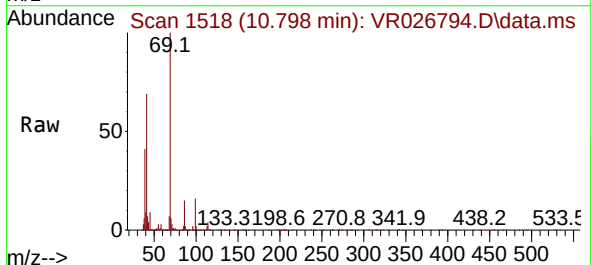
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC100

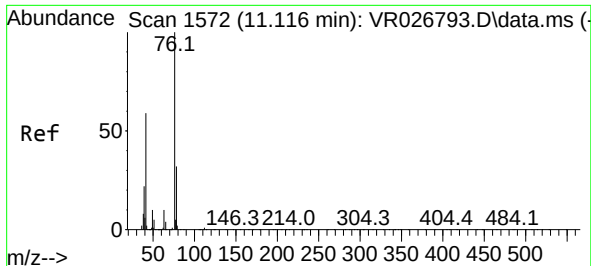
Tgt Ion:	97	Resp:	542109
Ion	Ratio	Lower	Upper
97	100		
83	91.4	63.4	95.2
85	60.1	39.2	58.8#
99	61.3	46.3	69.5



#56
Ethyl methacrylate
Concen: 116.061 ug/l
RT: 10.798 min Scan# 1518
Delta R.T. -0.006 min
Lab File: VR026794.D
Acq: 4 Dec 2025 14:48

Tgt Ion:	69	Resp:	878834
Ion	Ratio	Lower	Upper
69	100		
41	67.7	55.3	82.9
39	41.6	33.7	50.5





#57

1,3-Dichloropropane

Concen: 107.633 ug/l

RT: 11.116 min Scan# 1572

Delta R.T. -0.000 min

Lab File: VR026794.D

Acq: 4 Dec 2025 14:48

Instrument :

MSVOA_R

ClientSampleId :

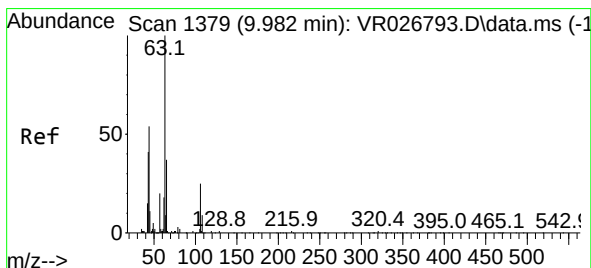
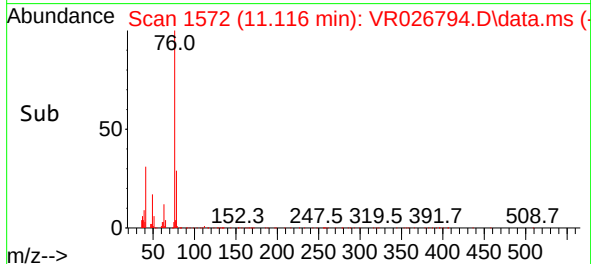
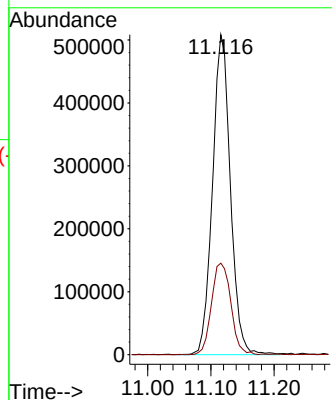
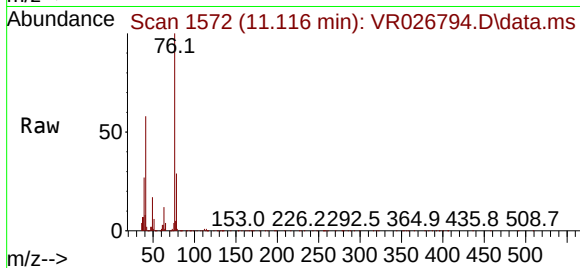
VSTDICC100

Tgt Ion: 76 Resp: 999240

Ion Ratio Lower Upper

76 100

78 30.9 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 591.992 ug/l

RT: 9.982 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VR026794.D

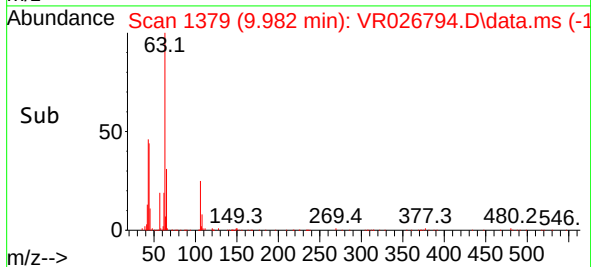
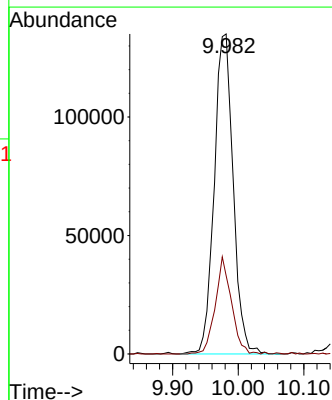
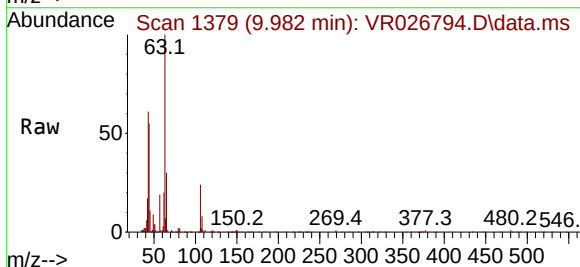
Acq: 4 Dec 2025 14:48

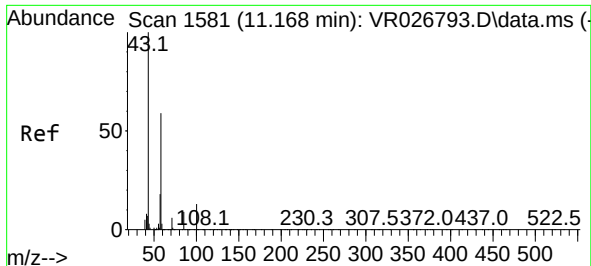
Tgt Ion: 63 Resp: 270044

Ion Ratio Lower Upper

63 100

106 25.9 23.7 35.5

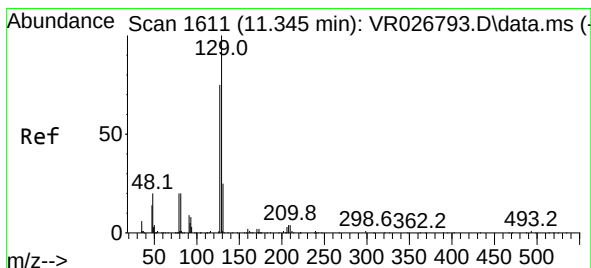
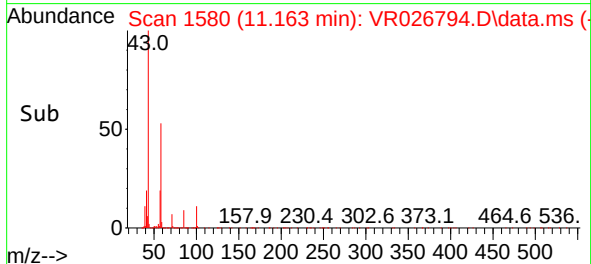
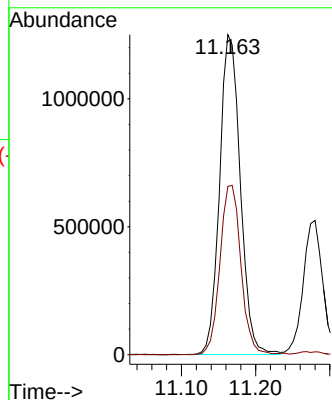
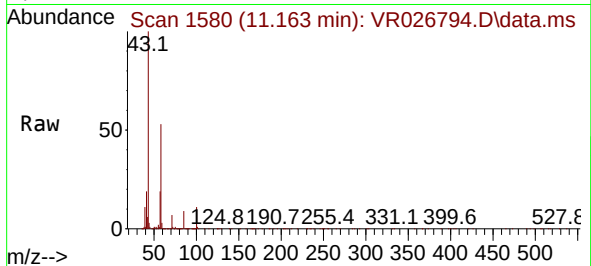




#59
2-Hexanone
Concen: 519.756 ug/l
RT: 11.163 min Scan# 11
Delta R.T. -0.005 min
Lab File: VR026794.D
Acq: 4 Dec 2025 14:48

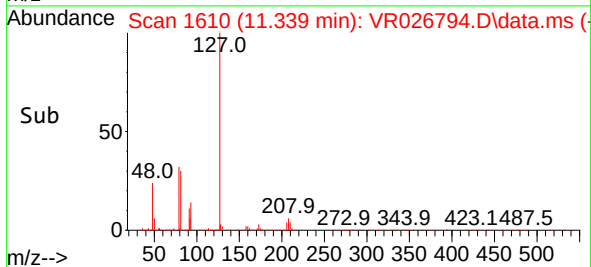
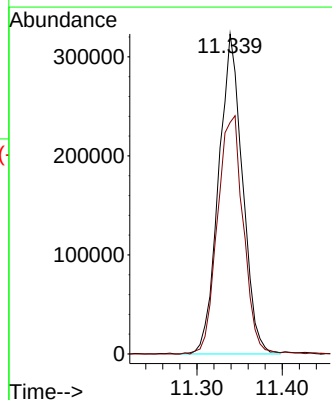
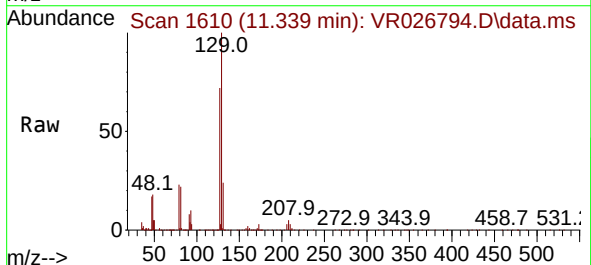
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC100

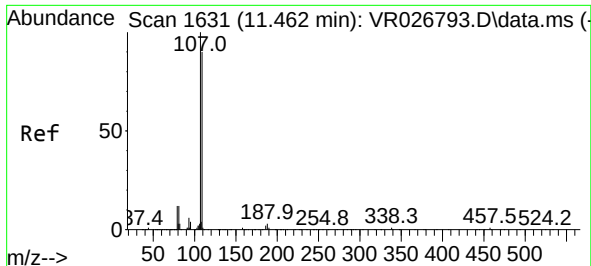
Tgt Ion: 43 Resp: 2425260
Ion Ratio Lower Upper
43 100
58 53.5 27.1 81.2



#60
Dibromochloromethane
Concen: 113.740 ug/l
RT: 11.339 min Scan# 1610
Delta R.T. -0.006 min
Lab File: VR026794.D
Acq: 4 Dec 2025 14:48

Tgt Ion:129 Resp: 629250
Ion Ratio Lower Upper
129 100
127 80.5 40.6 121.8

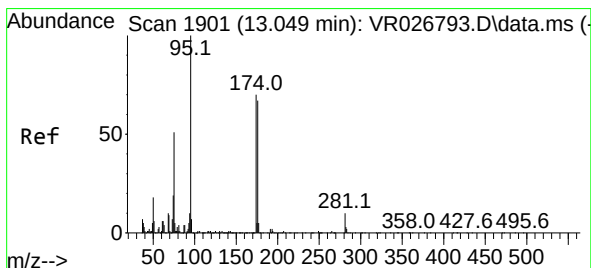
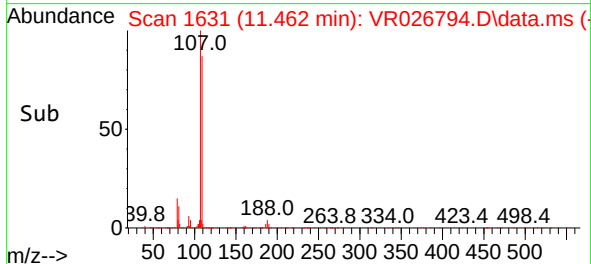
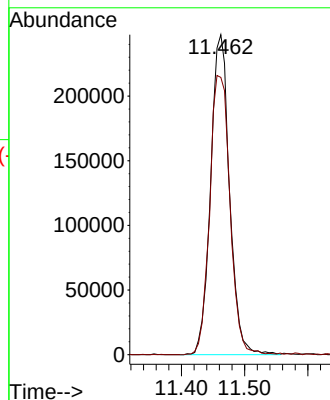
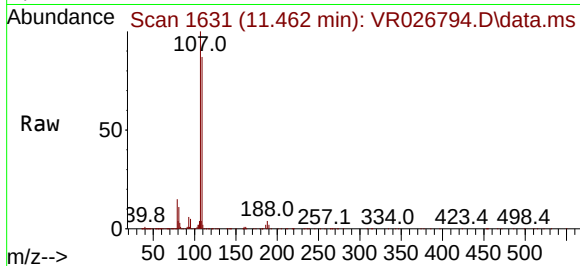




#61
1,2-Dibromoethane
Concen: 106.528 ug/l
RT: 11.462 min Scan# 1
Delta R.T. 0.000 min
Lab File: VR026794.D
Acq: 4 Dec 2025 14:48

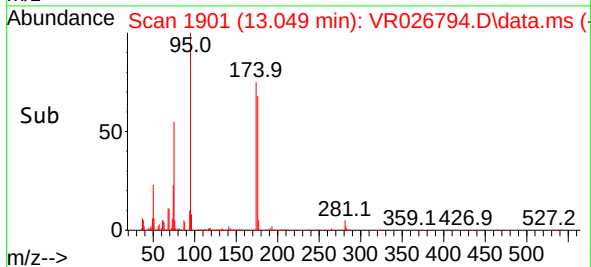
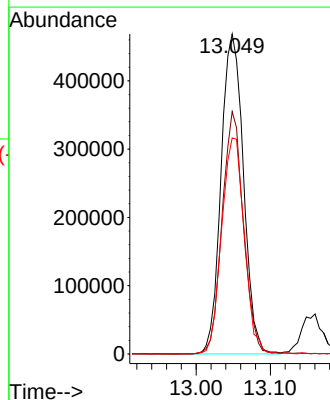
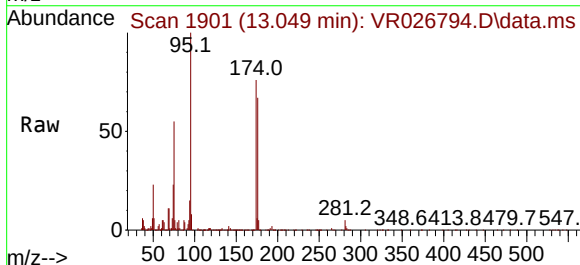
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC100

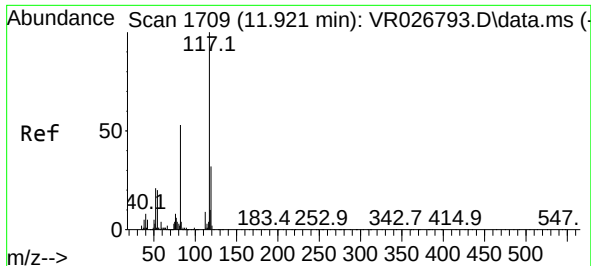
Tgt Ion:107 Resp: 513327
Ion Ratio Lower Upper
107 100
109 93.8 76.7 115.1



#62
4-Bromofluorobenzene
Concen: 106.076 ug/l
RT: 13.049 min Scan# 1901
Delta R.T. -0.000 min
Lab File: VR026794.D
Acq: 4 Dec 2025 14:48

Tgt Ion: 95 Resp: 980171
Ion Ratio Lower Upper
95 100
174 72.3 0.0 145.6
176 68.7 0.0 140.6

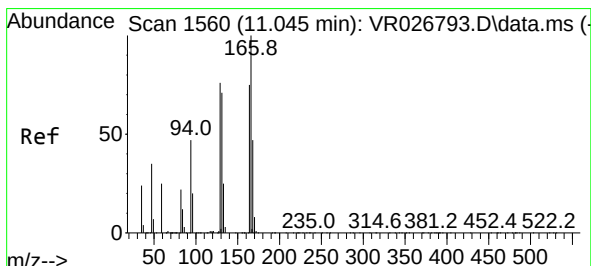
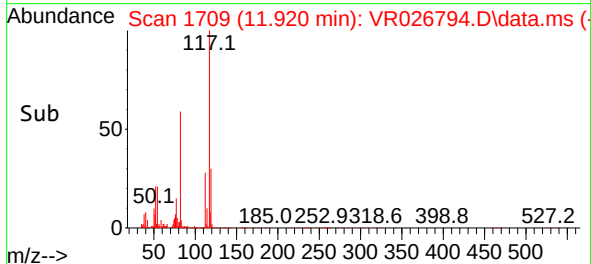
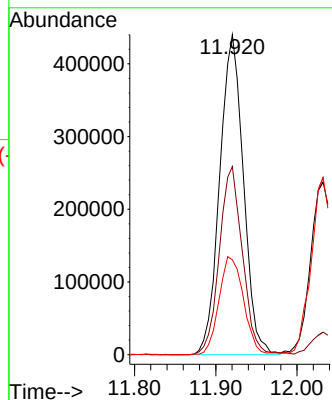
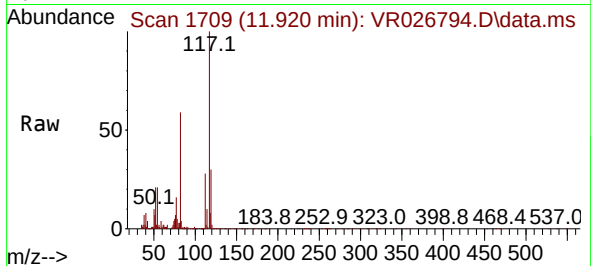




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.920 min Scan# 1709
Delta R.T. -0.001 min
Lab File: VR026794.D
Acq: 4 Dec 2025 14:48

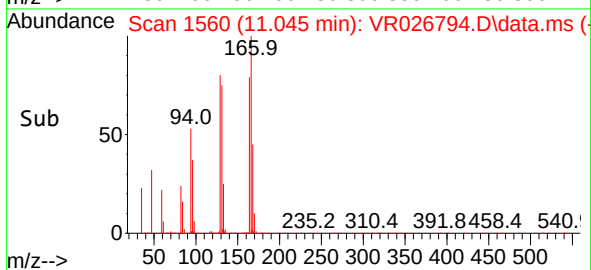
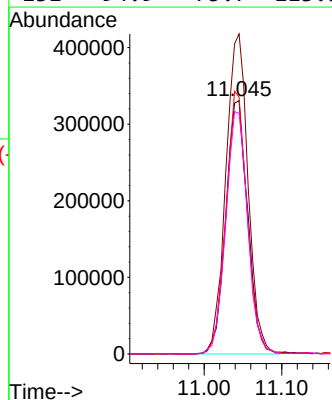
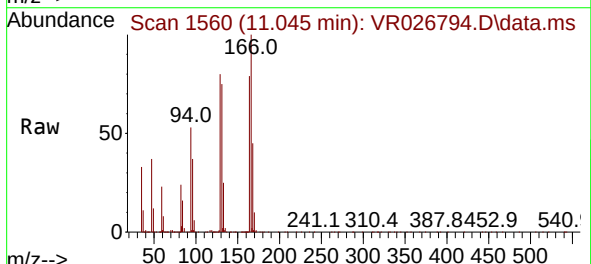
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC100

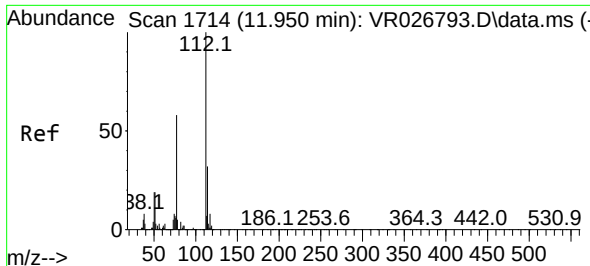
Tgt Ion:117 Resp: 892293
Ion Ratio Lower Upper
117 100
82 58.8 42.3 63.5
119 29.7 25.8 38.6



#64
Tetrachloroethene
Concen: 105.277 ug/l
RT: 11.045 min Scan# 1560
Delta R.T. 0.000 min
Lab File: VR026794.D
Acq: 4 Dec 2025 14:48

Tgt Ion:164 Resp: 650430
Ion Ratio Lower Upper
164 100
166 126.3 106.5 159.7
129 101.4 81.1 121.7
131 94.9 75.7 113.5

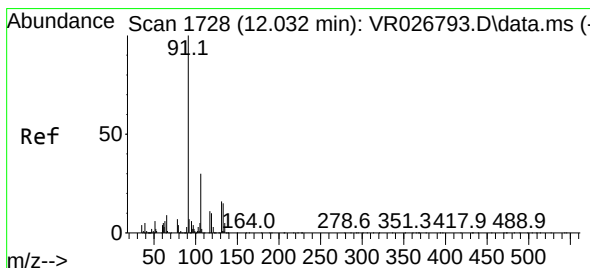
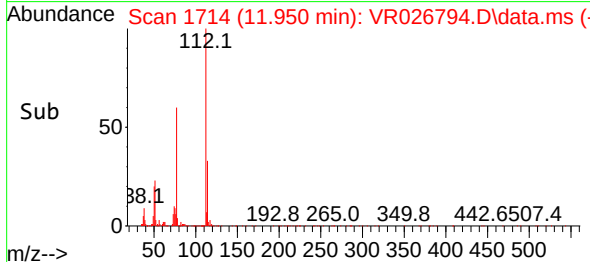
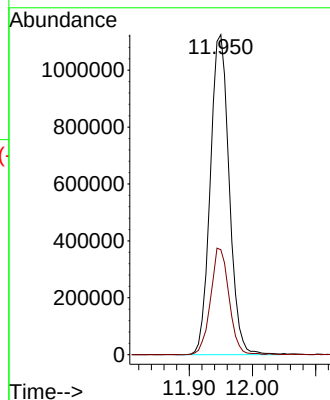
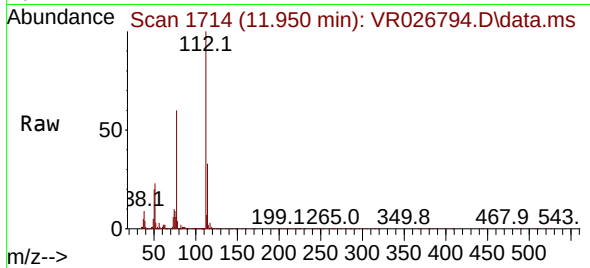




#65
Chlorobenzene
Concen: 107.041 ug/l
RT: 11.950 min Scan# 1714
Delta R.T. -0.000 min
Lab File: VR026794.D
Acq: 4 Dec 2025 14:48

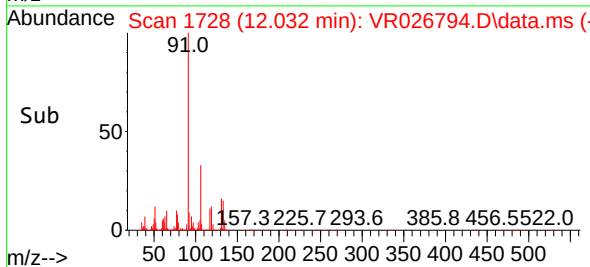
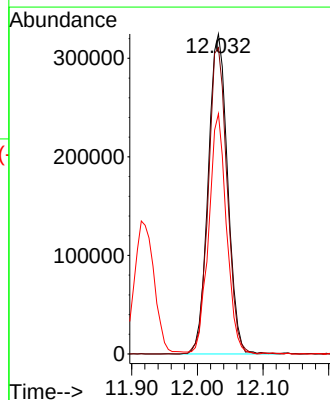
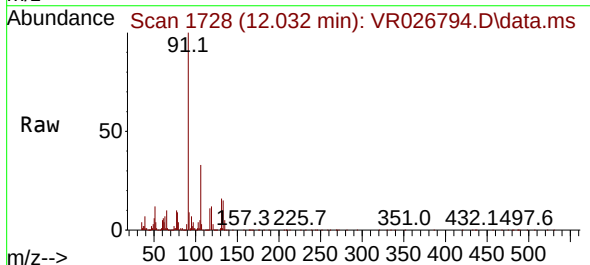
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC100

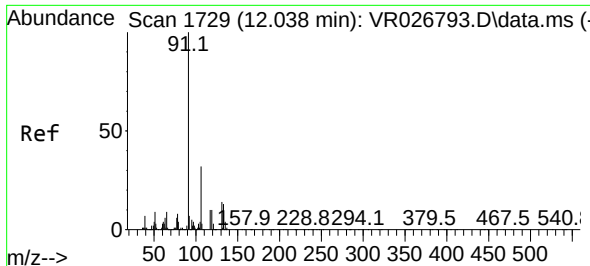
Tgt Ion:112 Resp: 2337060
Ion Ratio Lower Upper
112 100
114 32.8 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 111.739 ug/l
RT: 12.032 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VR026794.D
Acq: 4 Dec 2025 14:48

Tgt Ion:131 Resp: 666185
Ion Ratio Lower Upper
131 100
133 93.6 47.0 141.2
119 69.0 34.9 104.7

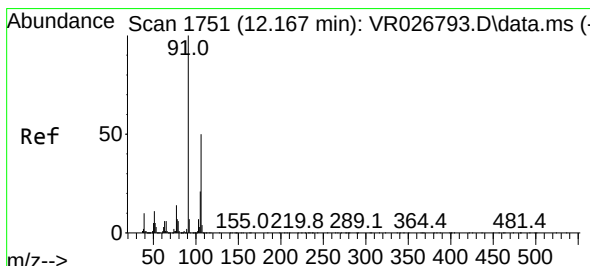
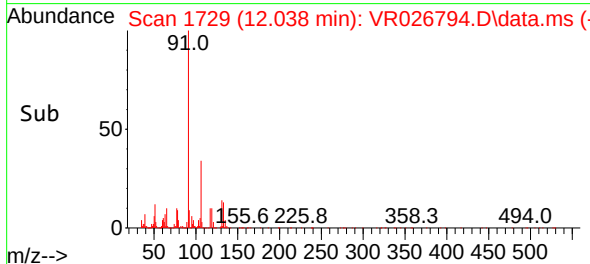
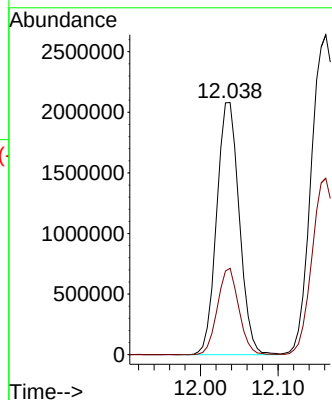
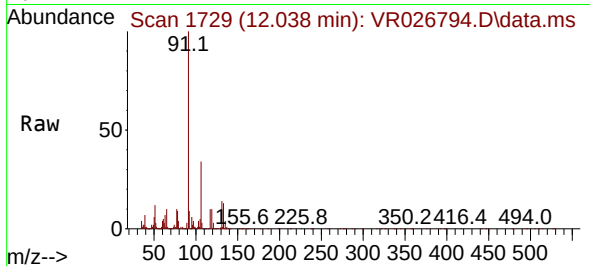




#67
Ethyl Benzene
Concen: 107.322 ug/l
RT: 12.038 min Scan# 1729
Delta R.T. -0.000 min
Lab File: VR026794.D
Acq: 4 Dec 2025 14:48

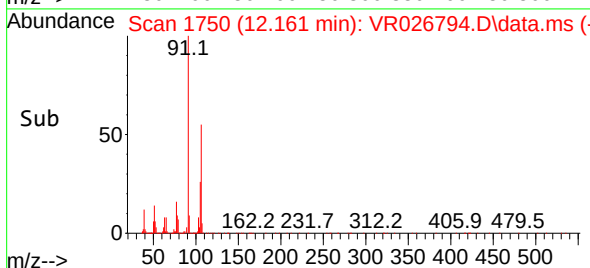
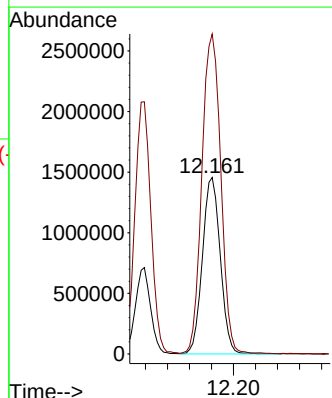
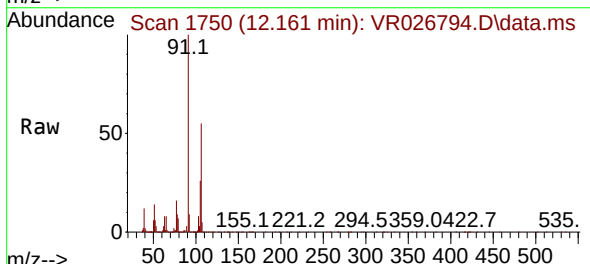
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC100

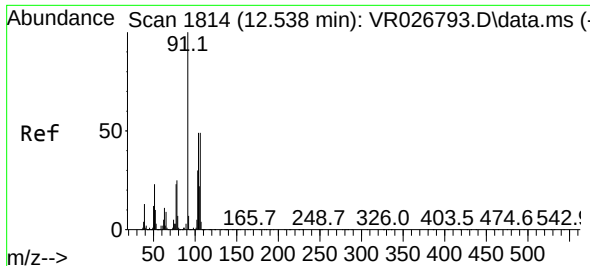
Tgt Ion: 91 Resp: 4214508
Ion Ratio Lower Upper
91 100
106 34.2 25.2 37.8



#68
m/p-Xylenes
Concen: 213.455 ug/l
RT: 12.161 min Scan# 1750
Delta R.T. -0.006 min
Lab File: VR026794.D
Acq: 4 Dec 2025 14:48

Tgt Ion:106 Resp: 3279744
Ion Ratio Lower Upper
106 100
91 191.8 159.2 238.8

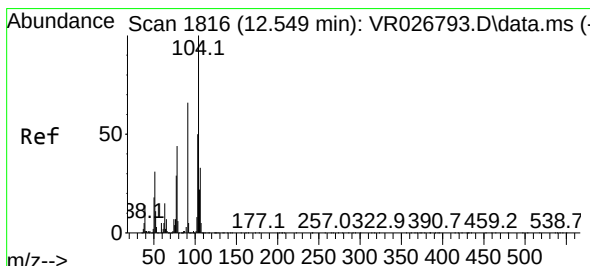
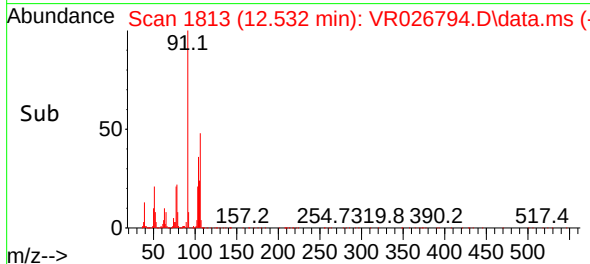
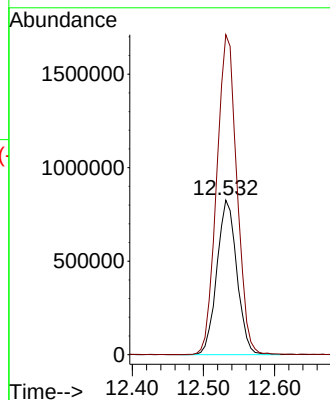
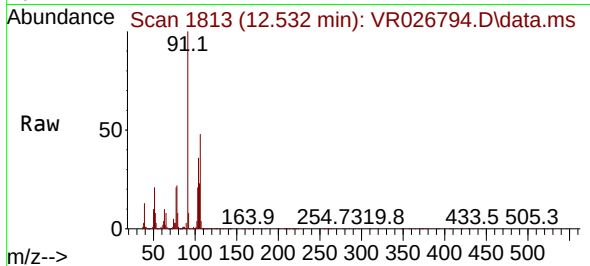




#69
o-Xylene
Concen: 108.822 ug/l
RT: 12.532 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VR026794.D
Acq: 4 Dec 2025 14:48

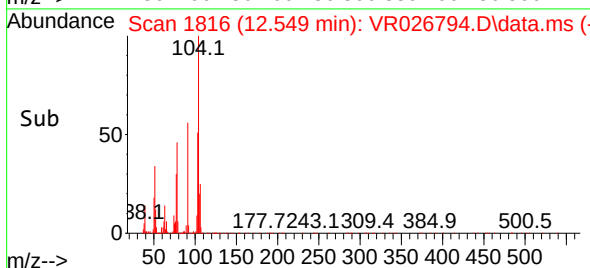
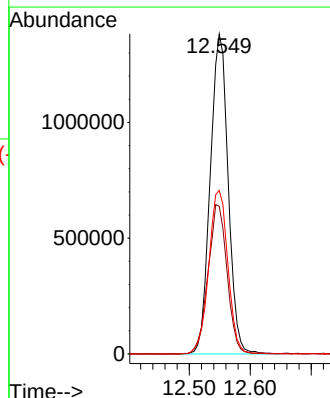
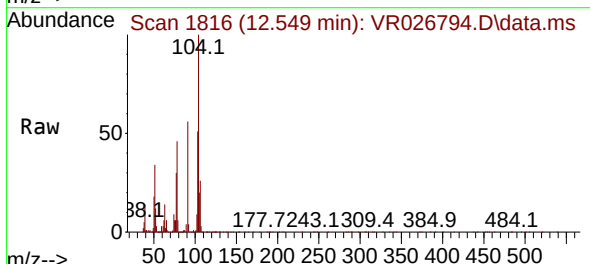
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC100

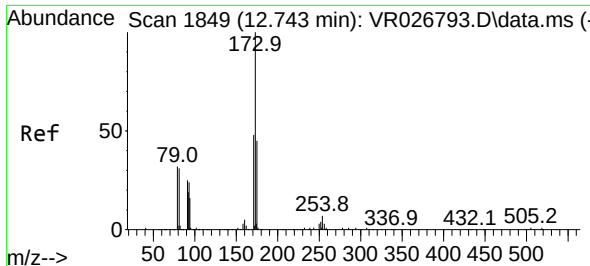
Tgt Ion:106 Resp: 1608174
Ion Ratio Lower Upper
106 100
91 209.8 102.5 307.4



#70
Styrene
Concen: 111.544 ug/l
RT: 12.549 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VR026794.D
Acq: 4 Dec 2025 14:48

Tgt Ion:104 Resp: 2823866
Ion Ratio Lower Upper
104 100
78 49.6 37.8 56.8
103 54.6 43.3 64.9

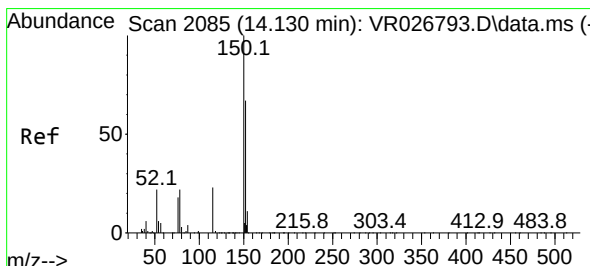
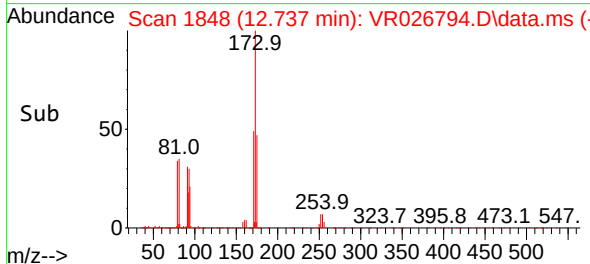
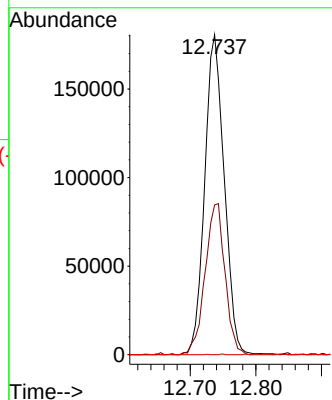
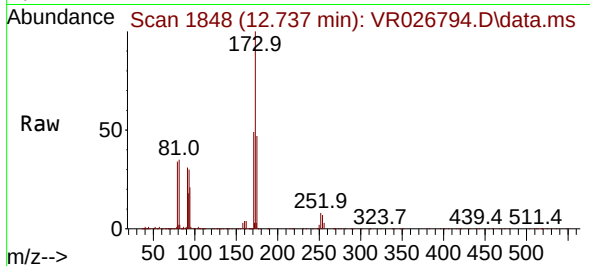




#71
Bromoform
Concen: 121.461 ug/l
RT: 12.737 min Scan# 1848
Delta R.T. -0.006 min
Lab File: VR026794.D
Acq: 4 Dec 2025 14:48

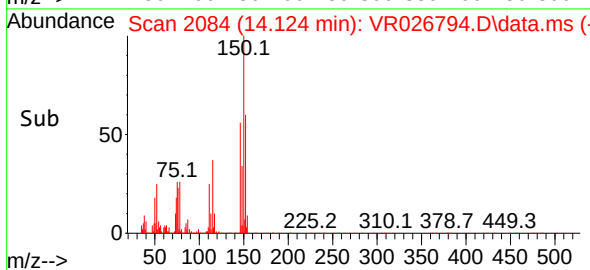
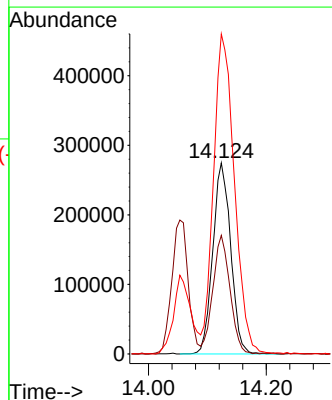
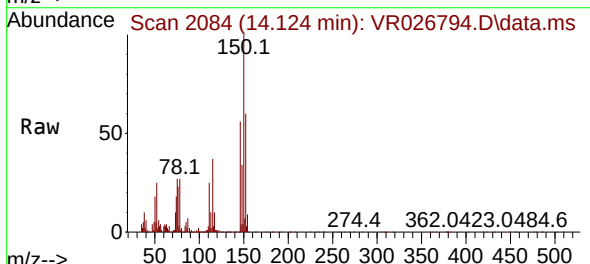
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC100

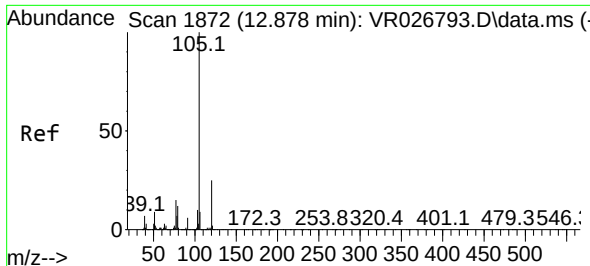
Tgt Ion:173 Resp: 373935
Ion Ratio Lower Upper
173 100
175 48.0 24.9 74.8
254 0.0 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.124 min Scan# 2084
Delta R.T. -0.006 min
Lab File: VR026794.D
Acq: 4 Dec 2025 14:48

Tgt Ion:152 Resp: 579045
Ion Ratio Lower Upper
152 100
115 59.3 29.0 87.1
150 194.6 0.0 345.6

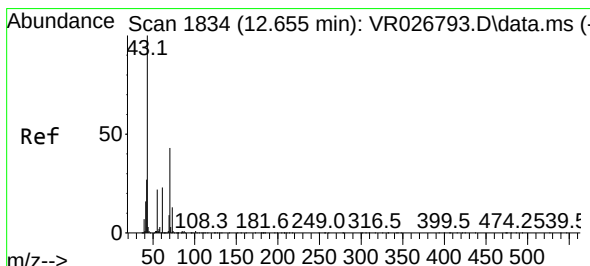
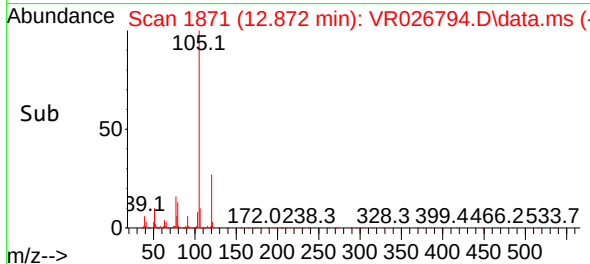
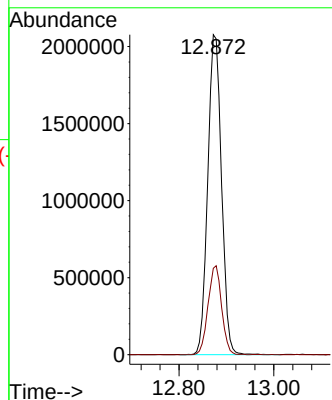
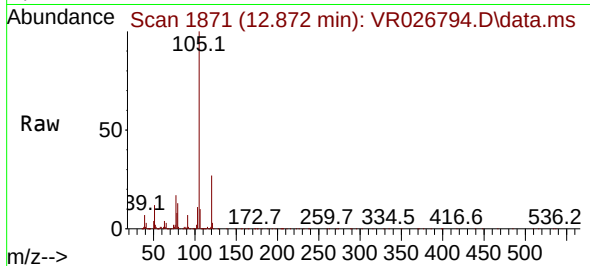




#73
Isopropylbenzene
Concen: 104.290 ug/l
RT: 12.872 min Scan# 1871
Delta R.T. -0.006 min
Lab File: VR026794.D
Acq: 4 Dec 2025 14:48

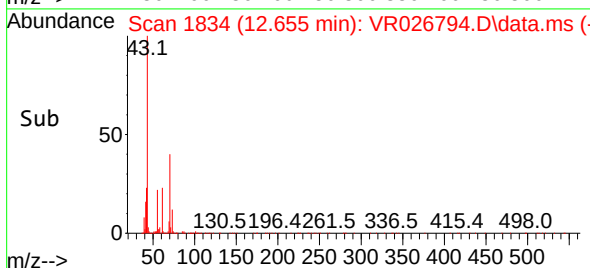
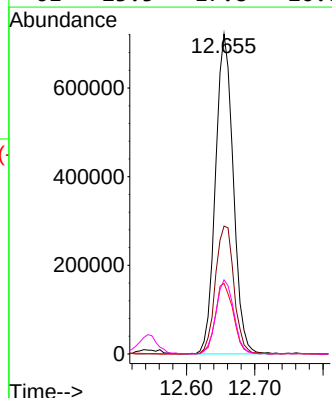
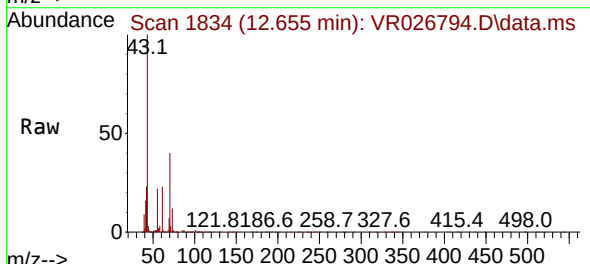
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC100

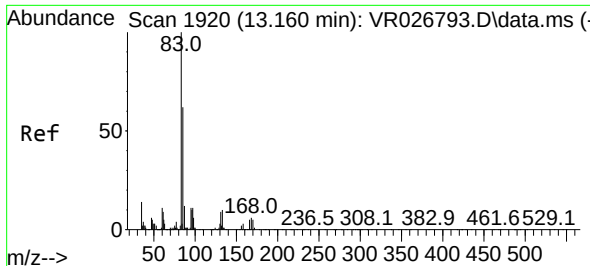
Tgt Ion:105 Resp: 4173886
Ion Ratio Lower Upper
105 100
120 27.4 13.4 40.1



#74
N-ethyl acetate
Concen: 119.377 ug/l
RT: 12.655 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VR026794.D
Acq: 4 Dec 2025 14:48

Tgt Ion: 43 Resp: 1307762
Ion Ratio Lower Upper
43 100
70 41.9 32.6 49.0
55 22.4 17.8 26.8
61 23.5 17.8 26.8

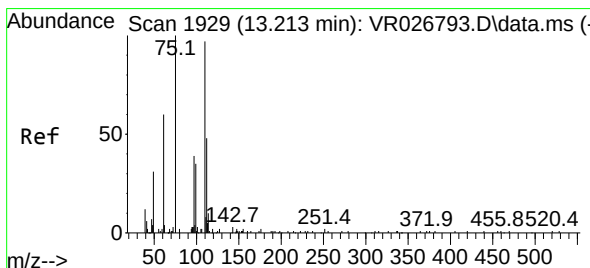
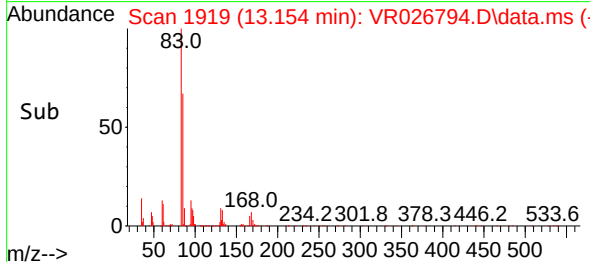
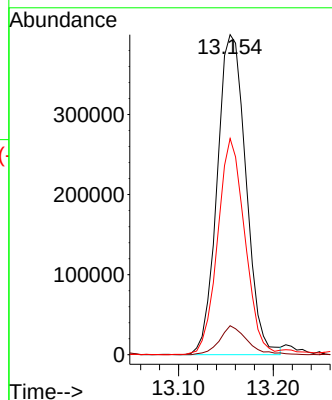
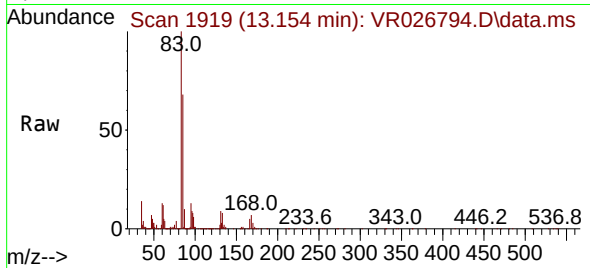




#75
1,1,2,2-Tetrachloroethane
Concen: 124.726 ug/l
RT: 13.154 min Scan# 1919
Delta R.T. -0.006 min
Lab File: VR026794.D
Acq: 4 Dec 2025 14:48

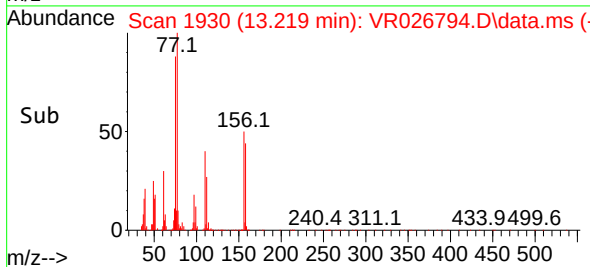
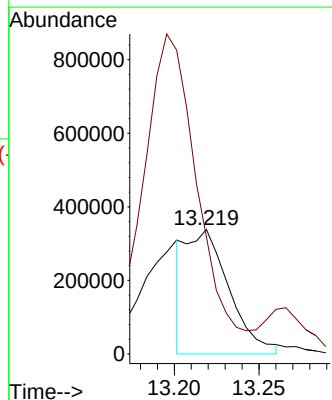
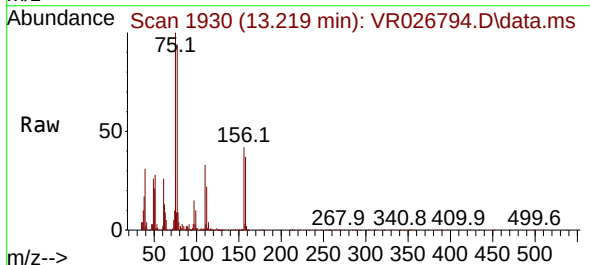
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC100

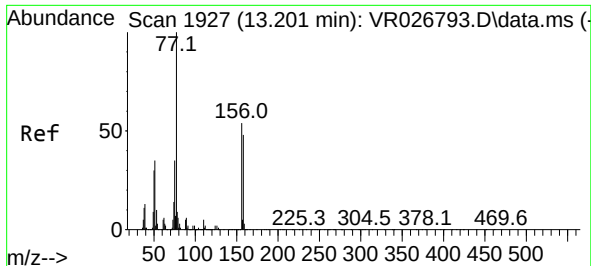
Tgt Ion: 83 Resp: 843236
Ion Ratio Lower Upper
83 100
131 8.7 4.5 13.5
85 63.8 31.1 93.2



#76
1,2,3-Trichloropropane
Concen: 101.233 ug/l m
RT: 13.219 min Scan# 1930
Delta R.T. 0.006 min
Lab File: VR026794.D
Acq: 4 Dec 2025 14:48

Tgt Ion: 75 Resp: 602503
Ion Ratio Lower Upper
75 100
77 0.0 132.3 397.0#

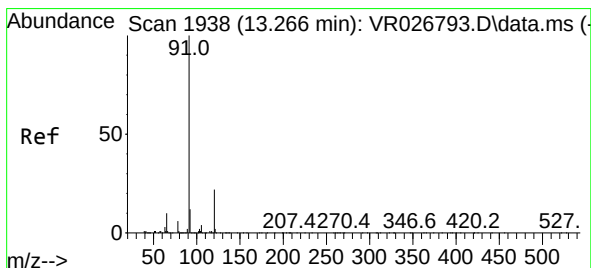
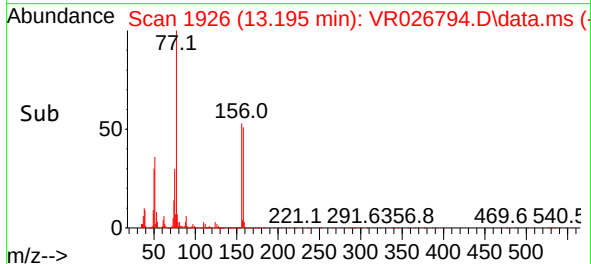
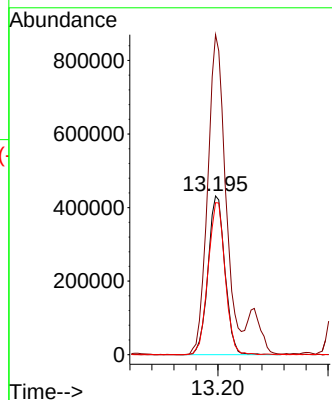
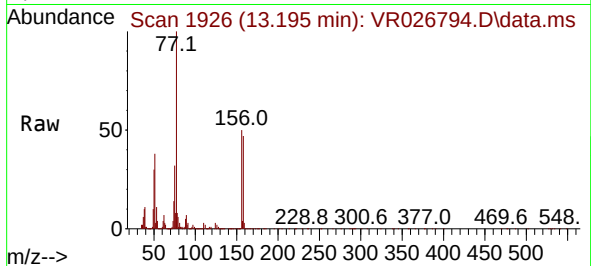




#77
Bromobenzene
Concen: 107.399 ug/l
RT: 13.195 min Scan# 1926
Delta R.T. -0.006 min
Lab File: VR026794.D
Acq: 4 Dec 2025 14:48

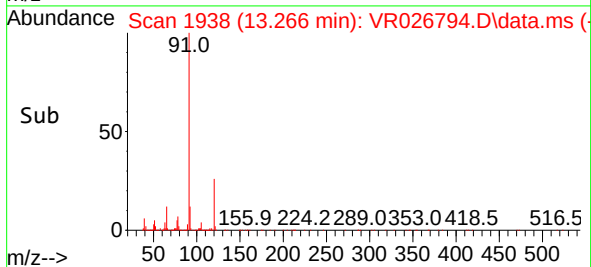
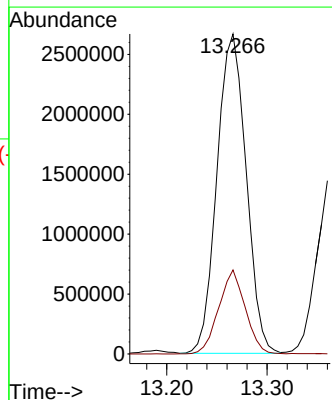
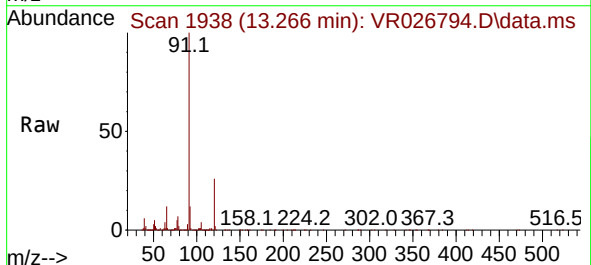
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC100

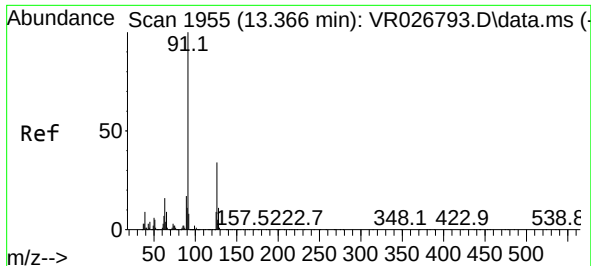
Tgt Ion:156 Resp: 919269
Ion Ratio Lower Upper
156 100
77 213.0 102.8 308.5
158 96.7 47.4 142.2



#78
n-propylbenzene
Concen: 104.377 ug/l
RT: 13.266 min Scan# 1938
Delta R.T. -0.000 min
Lab File: VR026794.D
Acq: 4 Dec 2025 14:48

Tgt Ion: 91 Resp: 5379587
Ion Ratio Lower Upper
91 100
120 23.9 11.1 33.1

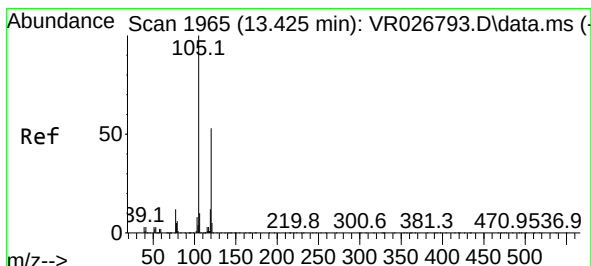
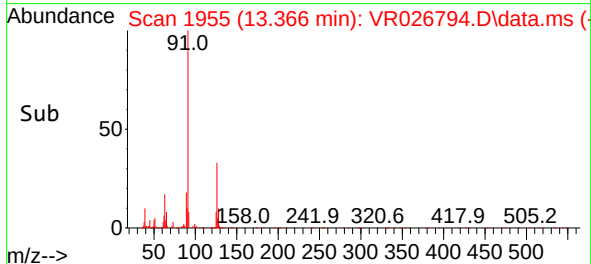
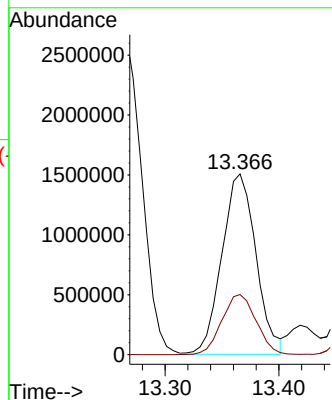
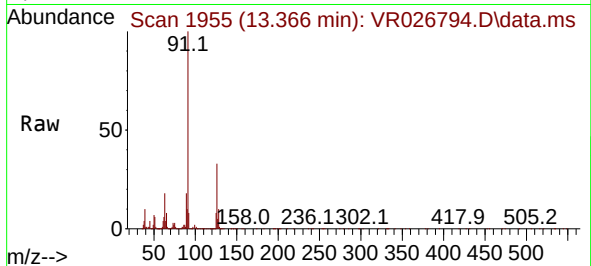




#79
2-Chlorotoluene
Concen: 112.453 ug/l
RT: 13.366 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VR026794.D
Acq: 4 Dec 2025 14:48

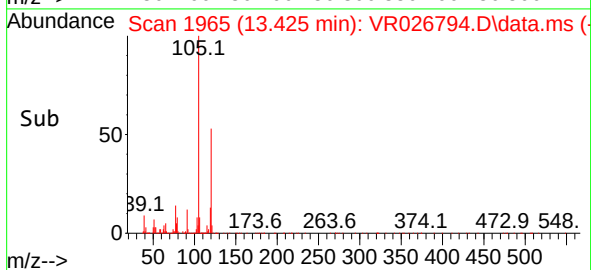
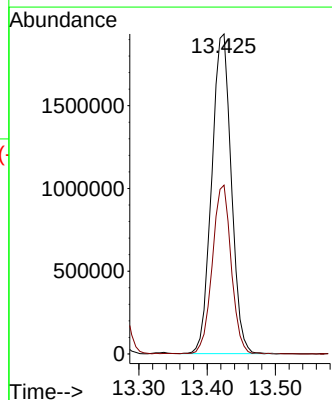
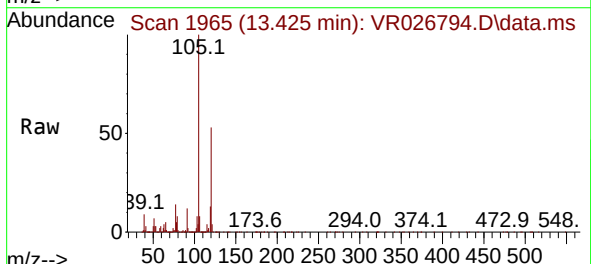
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC100

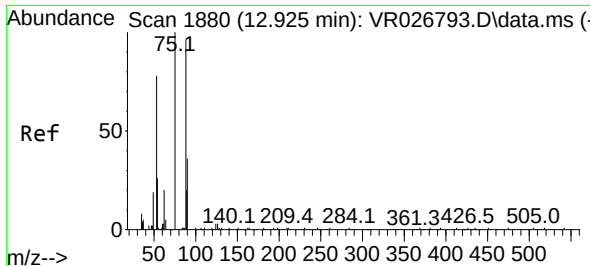
Tgt Ion: 91 Resp: 3135576
Ion Ratio Lower Upper
91 100
126 33.6 17.3 52.0



#80
1,3,5-Trimethylbenzene
Concen: 110.296 ug/l
RT: 13.425 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VR026794.D
Acq: 4 Dec 2025 14:48

Tgt Ion: 105 Resp: 3855623
Ion Ratio Lower Upper
105 100
120 50.9 25.2 75.6

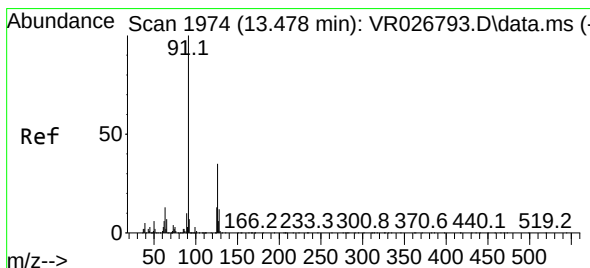
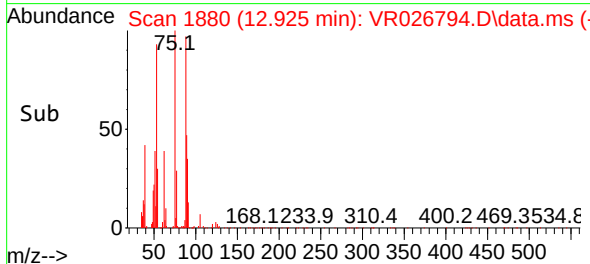
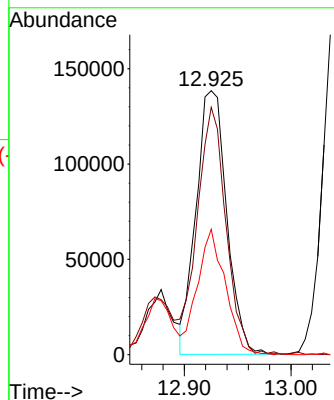
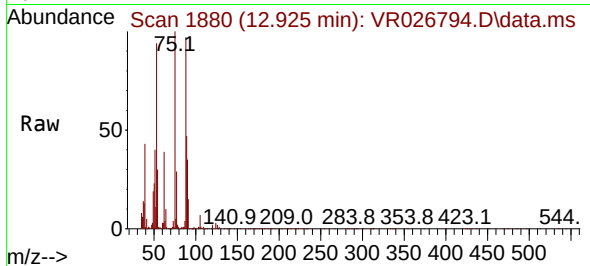




#81
trans-1,4-Dichloro-2-butene
Concen: 118.382 ug/l
RT: 12.925 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VR026794.D
Acq: 4 Dec 2025 14:48

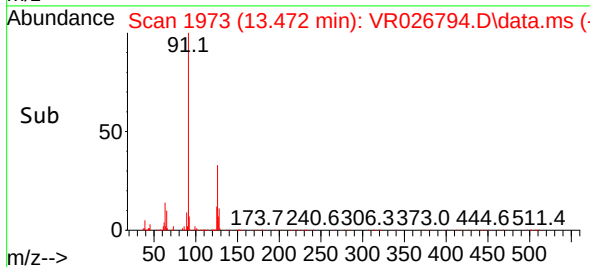
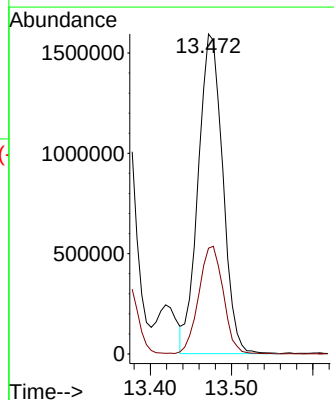
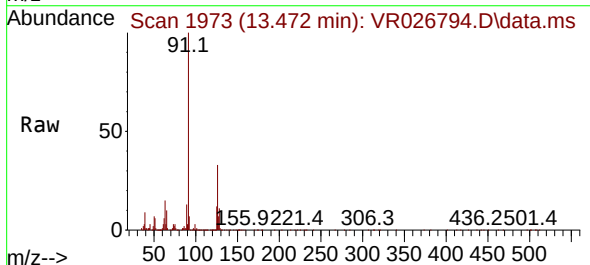
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC100

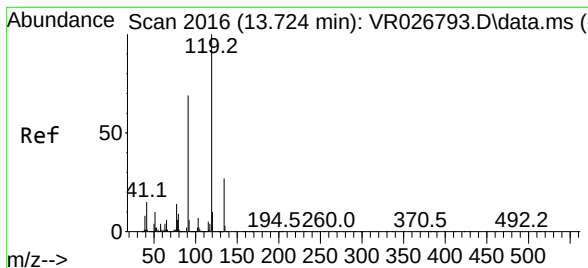
Tgt Ion: 75 Resp: 276046
Ion Ratio Lower Upper
75 100
53 89.8 74.3 111.5
89 43.7 35.9 53.9



#82
4-Chlorotoluene
Concen: 110.288 ug/l
RT: 13.472 min Scan# 1973
Delta R.T. -0.006 min
Lab File: VR026794.D
Acq: 4 Dec 2025 14:48

Tgt Ion: 91 Resp: 3341218
Ion Ratio Lower Upper
91 100
126 33.6 16.7 50.0

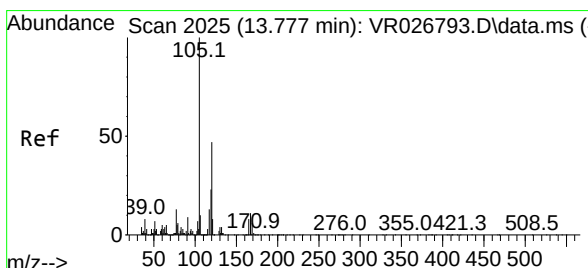
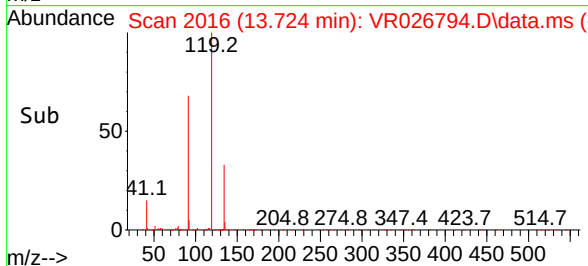
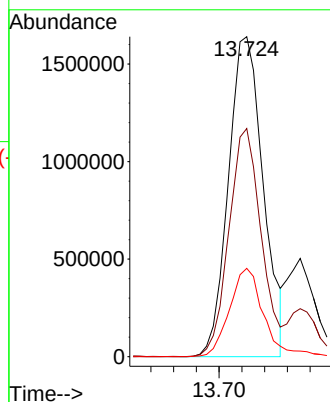
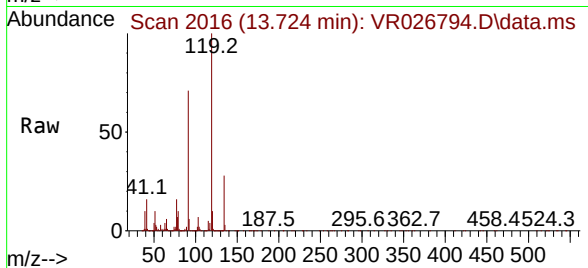




#83
 tert-Butylbenzene
 Concen: 110.946 ug/l
 RT: 13.724 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VR026794.D
 Acq: 4 Dec 2025 14:48

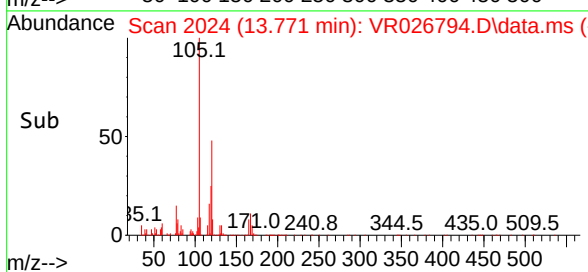
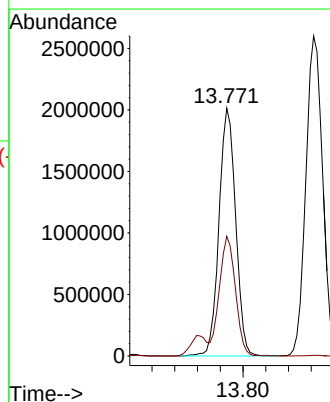
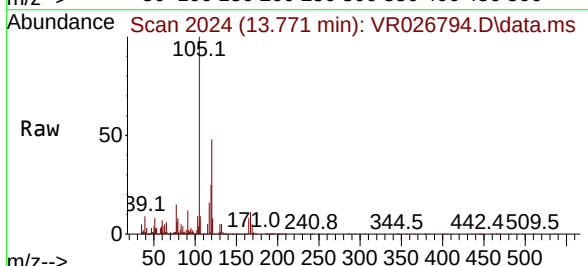
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDIC100

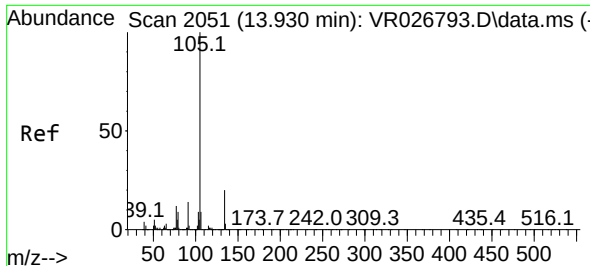
Tgt Ion:119 Resp: 3495354
 Ion Ratio Lower Upper
 119 100
 91 66.1 32.8 98.3
 134 27.1 13.7 41.0



#84
 1,2,4-Trimethylbenzene
 Concen: 109.160 ug/l
 RT: 13.771 min Scan# 2024
 Delta R.T. -0.006 min
 Lab File: VR026794.D
 Acq: 4 Dec 2025 14:48

Tgt Ion:105 Resp: 4095985
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.7 71.1

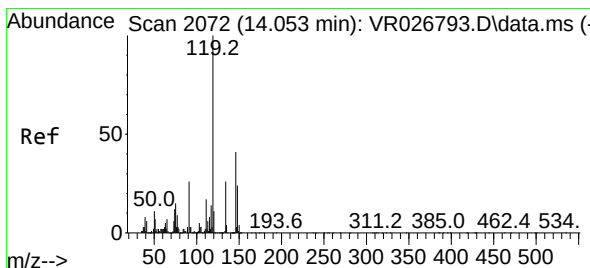
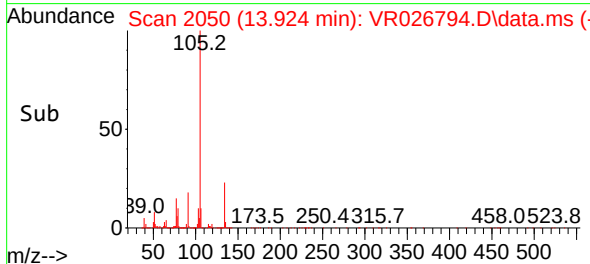
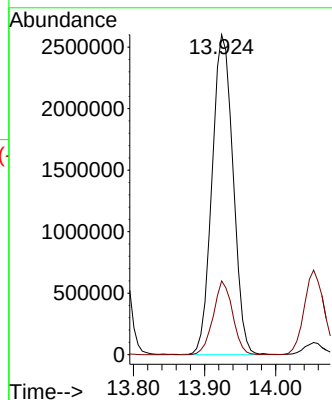
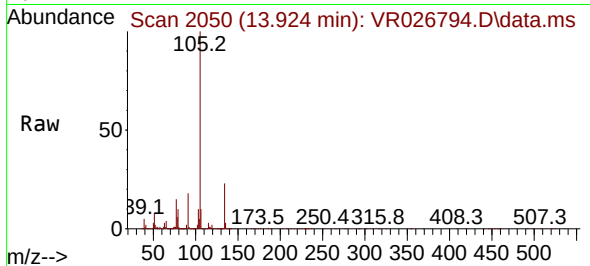




#85
 sec-Butylbenzene
 Concen: 107.344 ug/l
 RT: 13.924 min Scan# 2050
 Delta R.T. -0.006 min
 Lab File: VR026794.D
 Acq: 4 Dec 2025 14:48

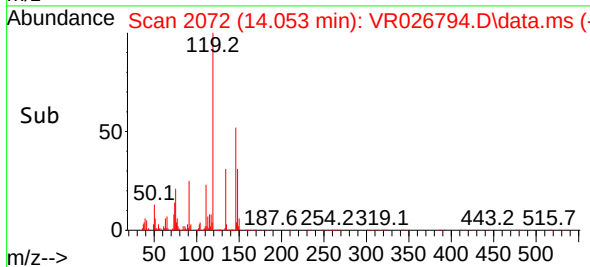
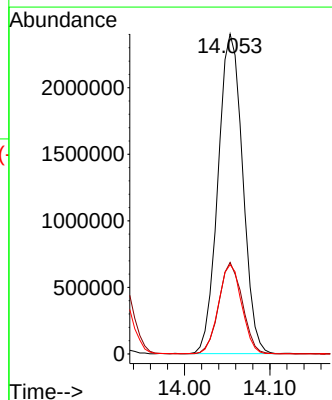
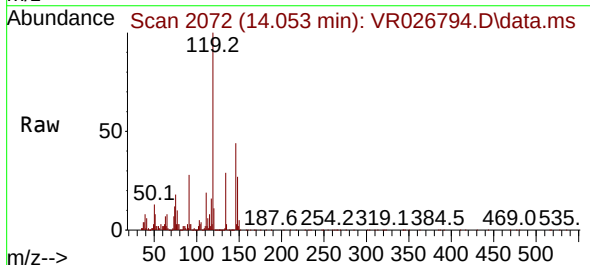
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDIC100

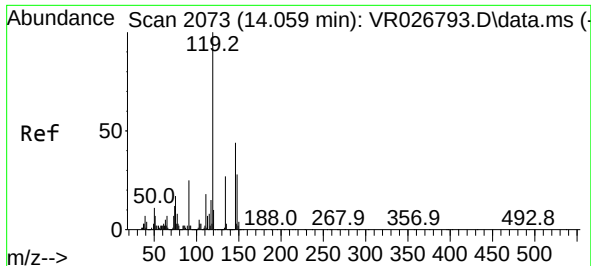
Tgt Ion:105 Resp: 5331202
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 110.203 ug/l
 RT: 14.053 min Scan# 2072
 Delta R.T. 0.000 min
 Lab File: VR026794.D
 Acq: 4 Dec 2025 14:48

Tgt Ion:119 Resp: 4820511
 Ion Ratio Lower Upper
 119 100
 134 27.4 13.3 39.9
 91 26.4 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 107.564 ug/l

RT: 14.059 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VR026794.D

Acq: 4 Dec 2025 14:48

Instrument :

MSVOA_R

ClientSampleId :

VSTDIC100

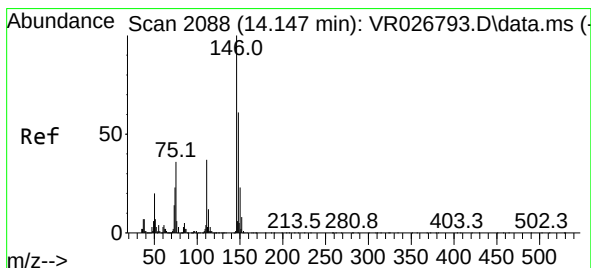
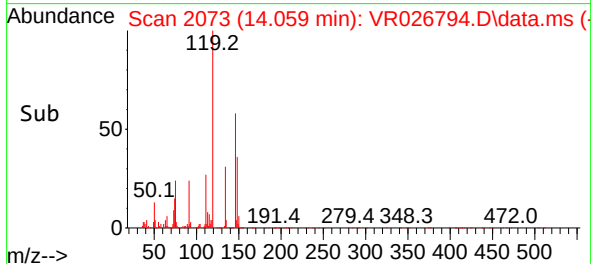
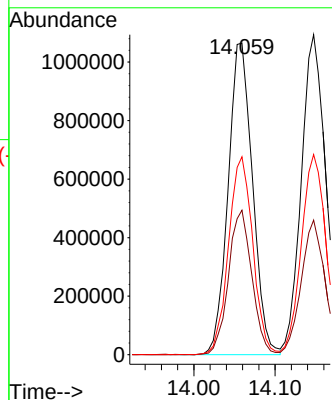
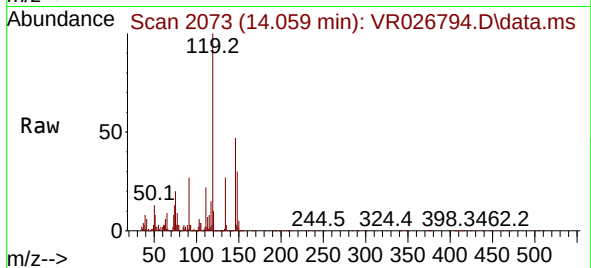
Tgt Ion:146 Resp: 2227741

Ion Ratio Lower Upper

146 100

111 44.5 20.8 62.2

148 63.2 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 104.778 ug/l

RT: 14.147 min Scan# 2088

Delta R.T. 0.000 min

Lab File: VR026794.D

Acq: 4 Dec 2025 14:48

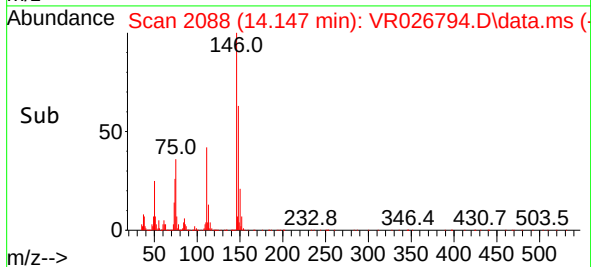
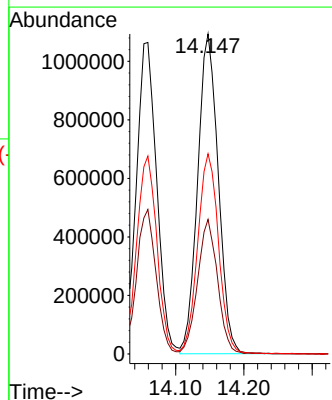
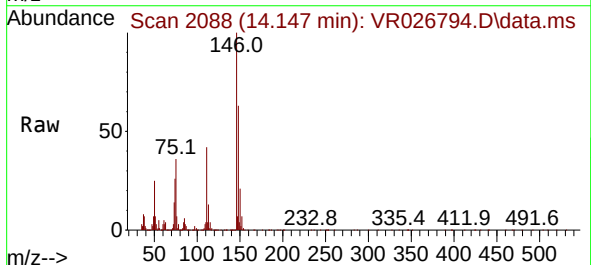
Tgt Ion:146 Resp: 2290749

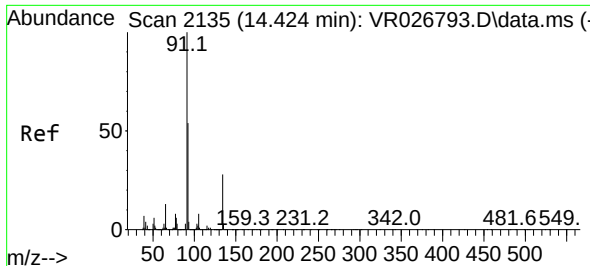
Ion Ratio Lower Upper

146 100

111 41.0 19.6 58.8

148 63.1 31.3 93.9

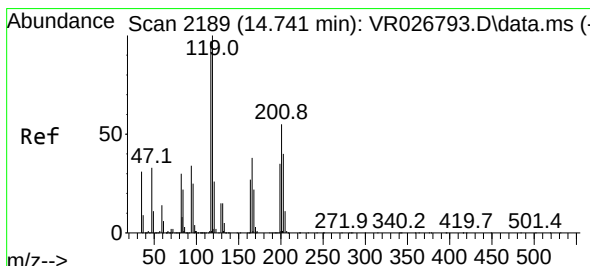
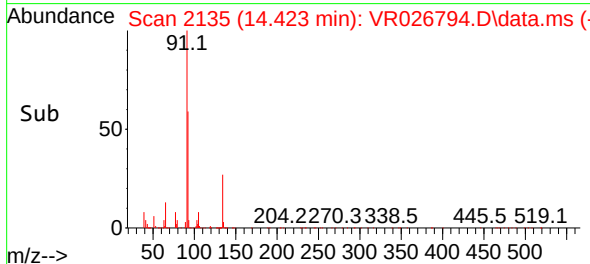
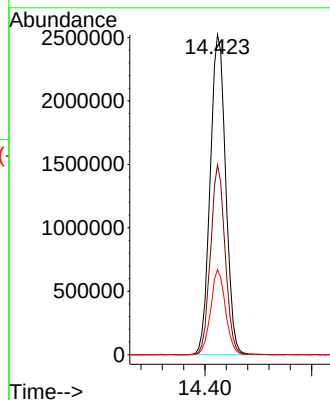
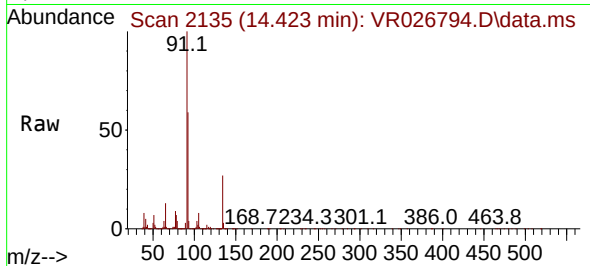




#89
n-Butylbenzene
Concen: 112.518 ug/l
RT: 14.423 min Scan# 2135
Delta R.T. -0.001 min
Lab File: VR026794.D
Acq: 4 Dec 2025 14:48

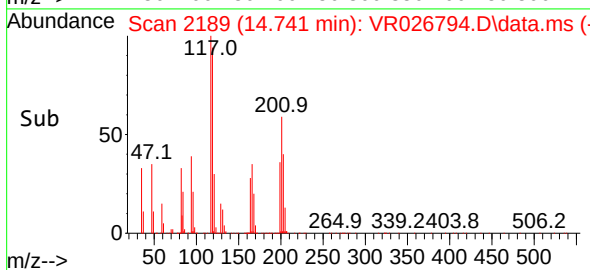
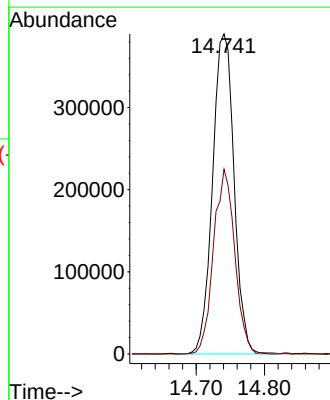
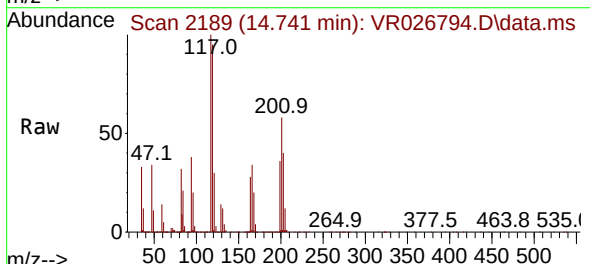
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC100

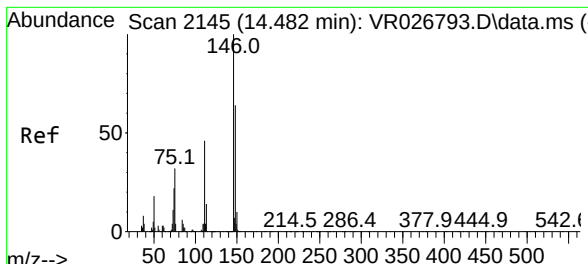
Tgt Ion: 91 Resp: 5073177
Ion Ratio Lower Upper
91 100
92 55.8 26.7 80.1
134 25.5 12.9 38.7



#90
Hexachloroethane
Concen: 125.084 ug/l
RT: 14.741 min Scan# 2189
Delta R.T. -0.000 min
Lab File: VR026794.D
Acq: 4 Dec 2025 14:48

Tgt Ion: 117 Resp: 854951
Ion Ratio Lower Upper
117 100
201 56.8 32.6 98.0



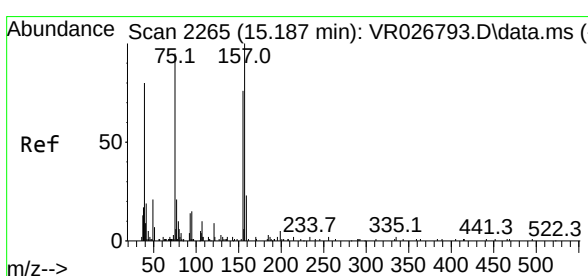
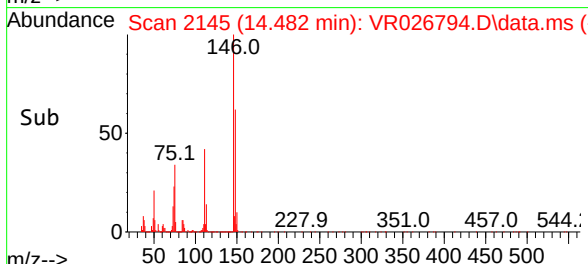
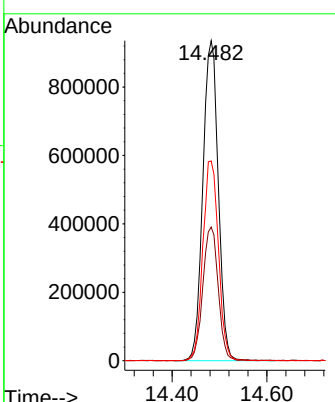
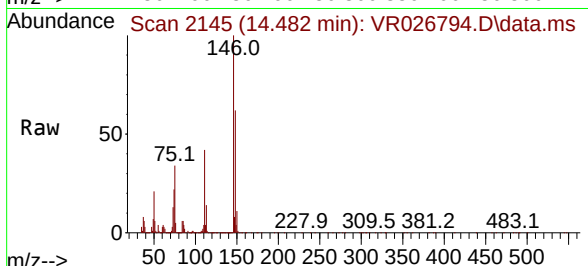


#91
 1,2-Dichlorobenzene
 Concen: 111.002 ug/l
 RT: 14.482 min Scan# 2145
 Delta R.T. 0.000 min
 Lab File: VR026794.D
 Acq: 4 Dec 2025 14:48

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDIC100

Tgt Ion:146 Resp: 2110491

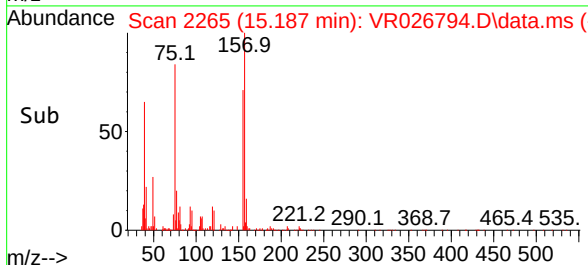
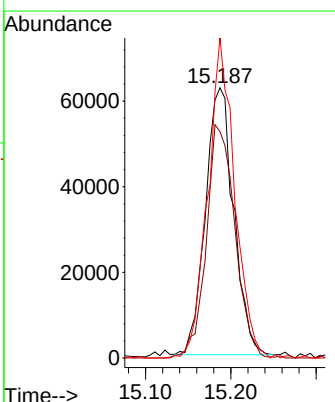
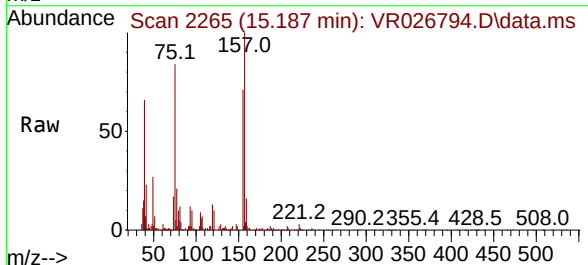
Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.5	61.6
148	63.1	31.5	94.5

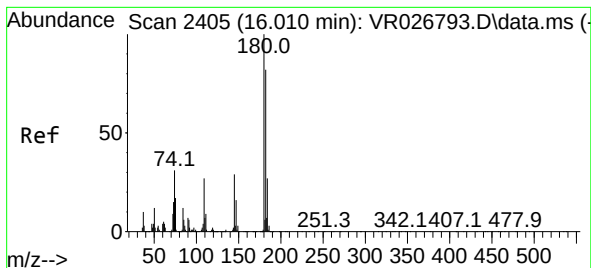


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 115.251 ug/l
 RT: 15.187 min Scan# 2265
 Delta R.T. 0.000 min
 Lab File: VR026794.D
 Acq: 4 Dec 2025 14:48

Tgt Ion: 75 Resp: 143853

Ion	Ratio	Lower	Upper
75	100		
155	88.5	46.7	140.0
157	113.7	64.0	192.2





#93

1,2,4-Trichlorobenzene

Concen: 115.400 ug/l

RT: 16.004 min Scan# 2404

Delta R.T. -0.006 min

Lab File: VR026794.D

Acq: 4 Dec 2025 14:48

Instrument :

MSVOA_R

ClientSampleId :

VSTDIC100

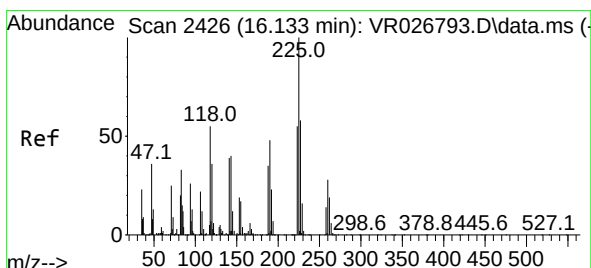
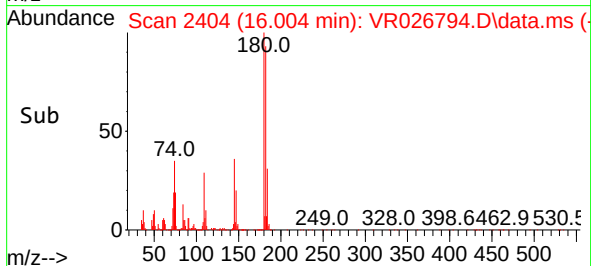
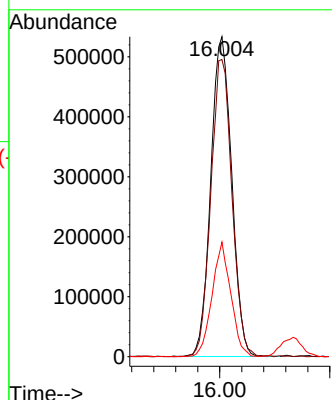
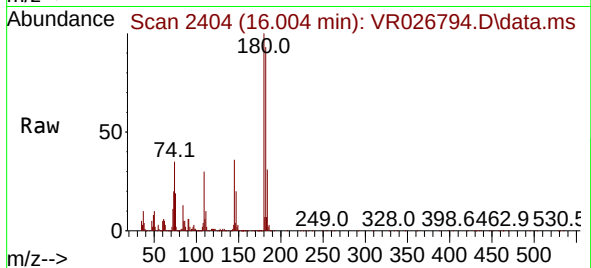
Tgt Ion:180 Resp: 1408527

Ion Ratio Lower Upper

180 100

182 93.6 46.4 139.2

145 32.2 16.1 48.2



#94

Hexachlorobutadiene

Concen: 114.291 ug/l

RT: 16.133 min Scan# 2426

Delta R.T. 0.000 min

Lab File: VR026794.D

Acq: 4 Dec 2025 14:48

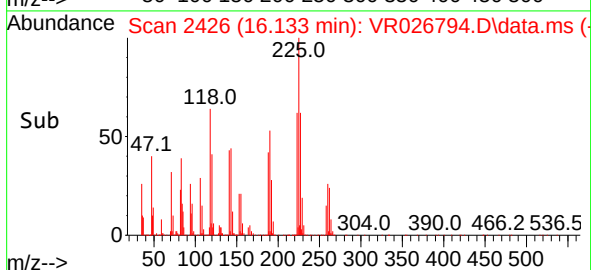
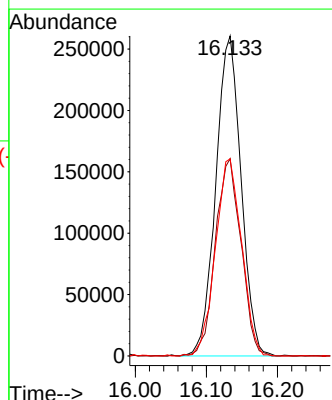
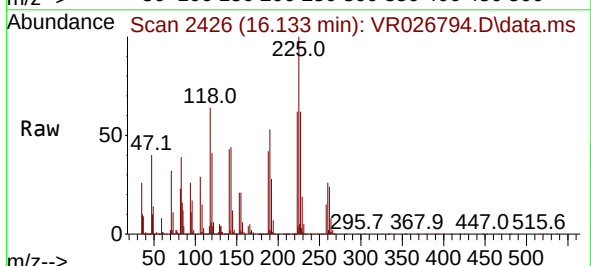
Tgt Ion:225 Resp: 644003

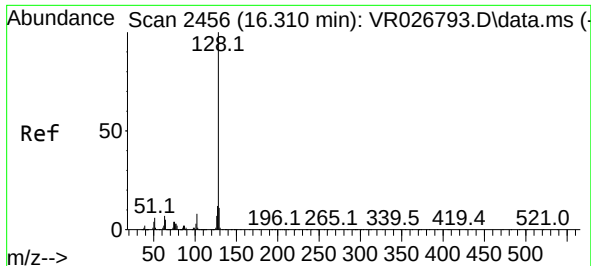
Ion Ratio Lower Upper

225 100

223 62.5 30.3 91.0

227 63.6 32.3 96.9

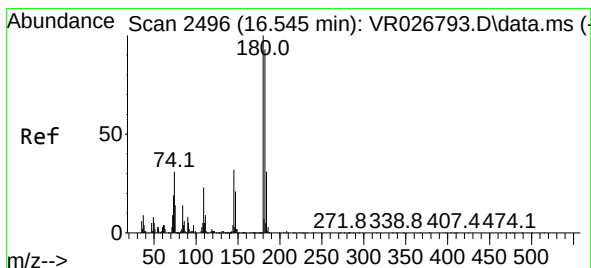
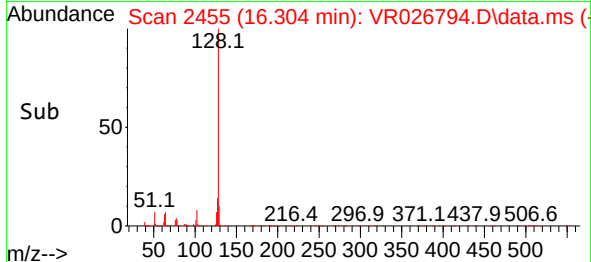
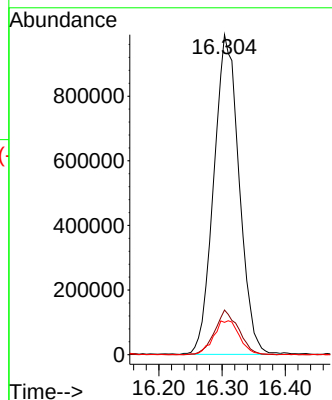
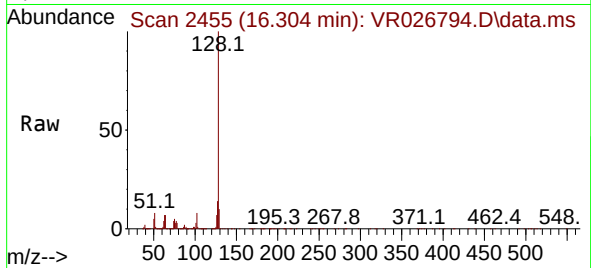




#95
Naphthalene
Concen: 99.865 ug/l
RT: 16.304 min Scan# 2455
Delta R.T. -0.006 min
Lab File: VR026794.D
Acq: 4 Dec 2025 14:48

Instrument :
MSVOA_R
ClientSampleId :
VSTDICC100

Tgt Ion:128 Resp: 2753919
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.2
129 10.9 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 119.848 ug/l
RT: 16.550 min Scan# 2497
Delta R.T. 0.005 min
Lab File: VR026794.D
Acq: 4 Dec 2025 14:48

Tgt Ion:180 Resp: 1243523
Ion Ratio Lower Upper
180 100
182 92.8 48.2 144.6
145 33.3 16.4 49.2

