

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR120425\
 Data File : VR026795.D
 Acq On : 4 Dec 2025 15:12
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5mL/MSVOA_R/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDICC150

Quant Time: Dec 05 03:24:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_R\methods\82R120425S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 05 03:10:10 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.784	168	64308	50.000	ug/l	-0.02
34) 1,4-Difluorobenzene	8.760	114	106112	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.921	117	81427	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	14.118	152	29850	50.000	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.172	65	83740	107.031	ug/l	0.00
Spiked Amount	50.000		Recovery	=	214.060%	
35) Dibromofluoromethane	7.708	113	64155	106.688	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	213.380%	
50) Toluene-d8	10.428	98	380863	134.493	ug/l	0.00
Spiked Amount	50.000		Recovery	=	268.980%	
62) 4-Bromofluorobenzene	13.055	95	78877	72.472	ug/l	0.00
Spiked Amount	50.000		Recovery	=	144.940%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.985	85	112171	154.610	ug/l 94
3) Chloromethane	2.197	50	152503	152.230	ug/l 90
4) Vinyl Chloride	2.326	62	172484	156.814	ug/l 98
5) Bromomethane	2.708	94	56668m	60.610	ug/l
6) Chloroethane	2.843	64	78196	102.751	ug/l 100
7) Trichlorofluoromethane	3.160	101	212821	121.382	ug/l 92
8) Diethyl Ether	3.548	74	50451	122.972	ug/l 84
9) 1,1,2-Trichlorotrifluo...	3.900	101	130094	158.160	ug/l # 85
10) Methyl Iodide	4.106	142	139653	177.221	ug/l 96
11) Tert butyl alcohol	4.940	59	29095m	132.050	ug/l
12) 1,1-Dichloroethene	3.877	96	145455	181.032	ug/l 86
13) Acrolein	3.777	56	11483m	689.939	ug/l
14) Allyl chloride	4.465	41	179879	122.590	ug/l 100
15) Acrylonitrile	5.152	53	93076	395.410	ug/l 92
16) Acetone	3.965	43	121126	355.492	ug/l 89
17) Carbon Disulfide	4.200	76	371969	151.616	ug/l # 92
18) Methyl Acetate	4.488	43	56629	85.542	ug/l 96
19) Methyl tert-butyl Ether	5.193	73	143675	69.587	ug/l 95
20) Methylene Chloride	4.676	84	107981	110.558	ug/l # 74
21) trans-1,2-Dichloroethene	5.175	96	128091	146.357	ug/l 93
22) Diisopropyl ether	6.080	45	324971	108.965	ug/l 89
23) Vinyl Acetate	6.080	43	174542	119.689	ug/l # 74
24) 1,1-Dichloroethane	5.963	63	224851	134.200	ug/l 97
25) 2-Butanone	6.973	43	106401	253.508	ug/l 92
26) 2,2-Dichloropropane	6.944	77	51620	35.631	ug/l 94
27) cis-1,2-Dichloroethene	6.944	96	128022	125.292	ug/l 89
28) Bromochloromethane	7.302	49	75996	107.871	ug/l 100
29) Tetrahydrofuran	7.361	42	73807	428.570	ug/l 98
30) Chloroform	7.485	83	189320	122.958	ug/l 85
31) Cyclohexane	7.796	56	271143	150.600	ug/l 94
32) 1,1,1-Trichloroethane	7.696	97	189348	141.427	ug/l 99
36) 1,1-Dichloropropene	7.937	75	182411	164.252	ug/l 95
37) Ethyl Acetate	7.044	43	33484	60.383	ug/l # 75
38) Carbon Tetrachloride	7.919	117	138394	140.252	ug/l 85
39) Methylcyclohexane	9.318	83	291831	176.156	ug/l 97
40) Benzene	8.190	78	505449	148.636	ug/l 99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.297	41	30404	87.424	ug/l #	79
42) 1,2-Dichloroethane	8.266	62	95445	113.387	ug/l	100
43) Isopropyl Acetate	8.319	43	82329	70.576	ug/l	95
44) Trichloroethene	9.036	130	145598	180.100	ug/l	95
45) 1,2-Dichloropropane	9.347	63	105675	129.170	ug/l #	86
46) Dibromomethane	9.453	93	46297	110.484	ug/l	95
47) Bromodichloromethane	9.653	83	110777	105.982	ug/l	98
48) Methyl methacrylate	9.435	41	39027	67.985	ug/l	96
49) 1,4-Dioxane	9.441	88	10432	1390.984	ug/l #	81
51) 4-Methyl-2-Pentanone	10.305	43	215742	348.159	ug/l	95
52) Toluene	10.499	92	313255	137.498	ug/l	96
53) t-1,3-Dichloropropene	10.745	75	44106	41.037	ug/l	89
54) cis-1,3-Dichloropropene	10.140	75	83978	65.352	ug/l #	87
55) 1,1,2-Trichloroethane	10.945	97	60989	101.184	ug/l	95
56) Ethyl methacrylate	10.804	69	54601	61.219	ug/l	97
57) 1,3-Dichloropropane	11.116	76	84457	77.236	ug/l	91
58) 2-Chloroethyl Vinyl ether	9.993	63	6956m	151.145	ug/l	
59) 2-Hexanone	11.174	43	102842	187.119	ug/l	96
60) Dibromochloromethane	11.339	129	59707	91.626	ug/l	87
61) 1,2-Dibromoethane	11.456	107	40441	71.252	ug/l	88
64) Tetrachloroethene	11.039	164	170175	301.835	ug/l	90
65) Chlorobenzene	11.950	112	278908	139.984	ug/l	96
66) 1,1,1,2-Tetrachloroethane	12.032	131	70788	130.109	ug/l	98
67) Ethyl Benzene	12.038	91	572191	159.669	ug/l	98
68) m/p-Xylenes	12.161	106	427078	304.588	ug/l	97
69) o-Xylene	12.532	106	185324	137.422	ug/l	96
70) Styrene	12.549	104	248807	107.697	ug/l	98
71) Bromoform	12.737	173	20647	73.491	ug/l #	96
73) Isopropylbenzene	12.872	105	531743	257.735	ug/l	94
74) N-amyl acetate	12.667	43	31866	56.427	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	13.154	83	33677	96.629	ug/l	92
76) 1,2,3-Trichloropropane	13.219	75	34696m	78.153	ug/l	
77) Bromobenzene	13.196	156	78373	177.620	ug/l	89
78) n-propylbenzene	13.266	91	611534	230.121	ug/l	99
79) 2-Chlorotoluene	13.366	91	316150	219.946	ug/l	96
80) 1,3,5-Trimethylbenzene	13.419	105	410394	227.736	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.867	75	9797m	82.021	ug/l	
82) 4-Chlorotoluene	13.478	91	280414	179.553	ug/l	94
83) tert-Butylbenzene	13.724	119	421333	259.427	ug/l	96
84) 1,2,4-Trimethylbenzene	13.777	105	349380	180.622	ug/l	100
85) sec-Butylbenzene	13.924	105	587911	229.633	ug/l	97
86) p-Isopropyltoluene	14.053	119	432847	191.957	ug/l	98
87) 1,3-Dichlorobenzene	14.059	146	159489	149.383	ug/l	97
88) 1,4-Dichlorobenzene	14.142	146	135519	120.243	ug/l	97
89) n-Butylbenzene	14.429	91	340107	146.328	ug/l	97
90) Hexachloroethane	14.741	117	34178	97.001	ug/l	98
91) 1,2-Dichlorobenzene	14.482	146	122755	125.243	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	15.193	75	2801	43.532	ug/l #	59
93) 1,2,4-Trichlorobenzene	16.010	180	43583	69.267	ug/l	88
94) Hexachlorobutadiene	16.122	225	38173	131.416	ug/l	93
95) Naphthalene	16.316	128	134005	120.598	ug/l #	95
96) 1,2,3-Trichlorobenzene	16.545	180	29711	55.547	ug/l	91

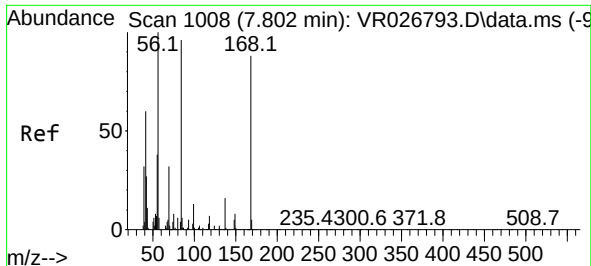
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QLast Update : Fri Dec 05 03:10:10 2025
Response via : Initial Calibration

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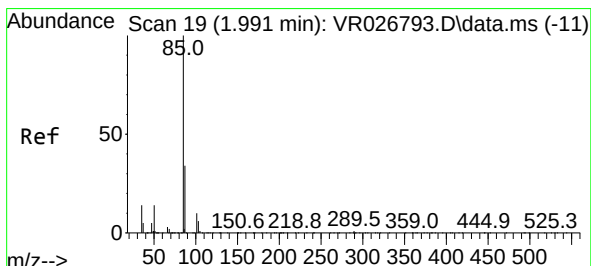
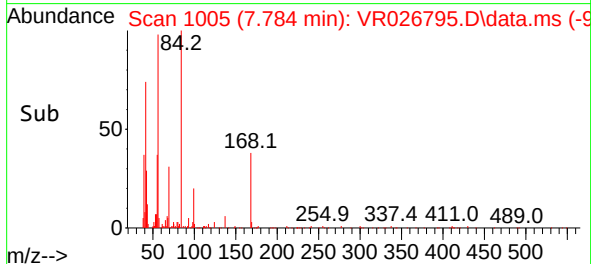
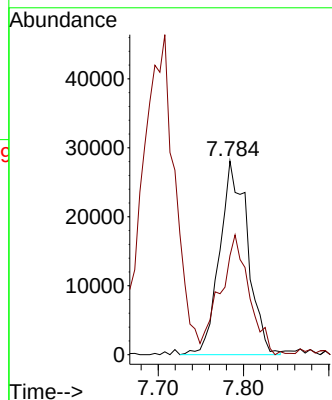
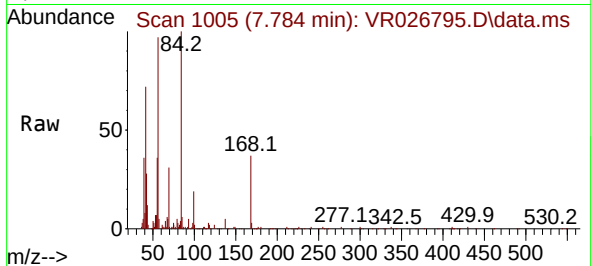
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.784 min Scan# 10
Delta R.T. -0.018 min
Lab File: VR026795.D
Acq: 4 Dec 2025 15:12

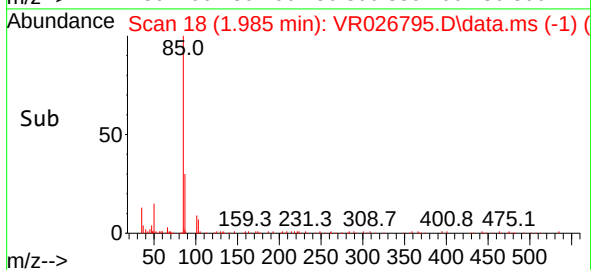
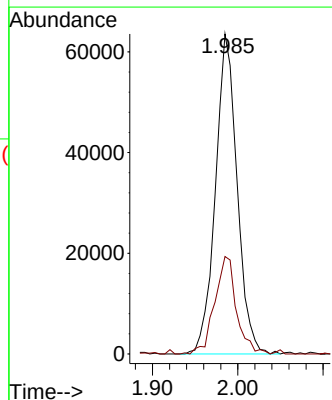
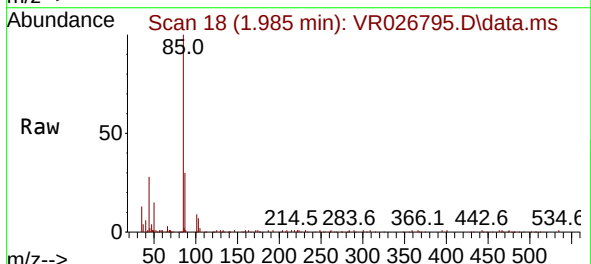
Instrument :
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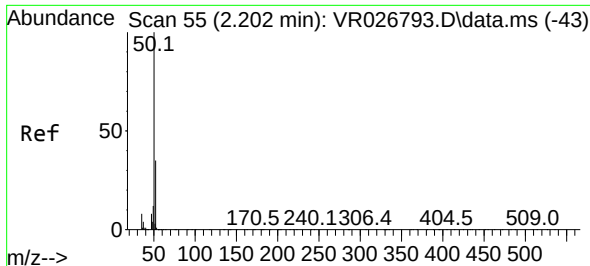
Tgt Ion:168 Resp: 64308
Ion Ratio Lower Upper
168 100
99 49.5 45.3 67.9



#2
Dichlorodifluoromethane
Concen: 154.610 ug/l
RT: 1.985 min Scan# 18
Delta R.T. -0.006 min
Lab File: VR026795.D
Acq: 4 Dec 2025 15:12

Tgt Ion: 85 Resp: 112171
Ion Ratio Lower Upper
85 100
87 30.5 17.1 51.2

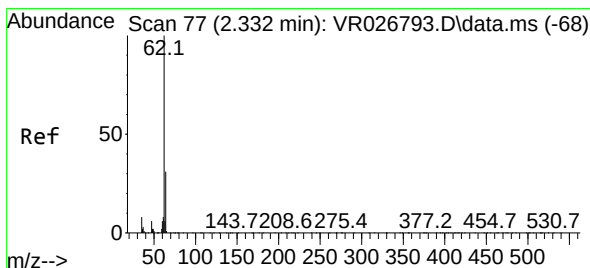
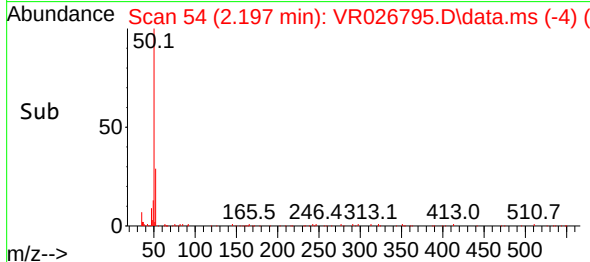
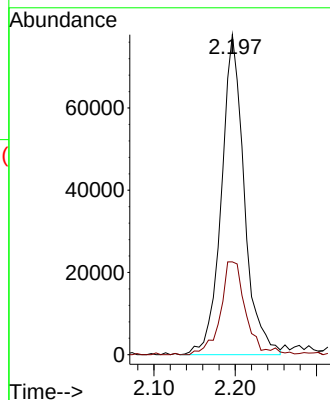
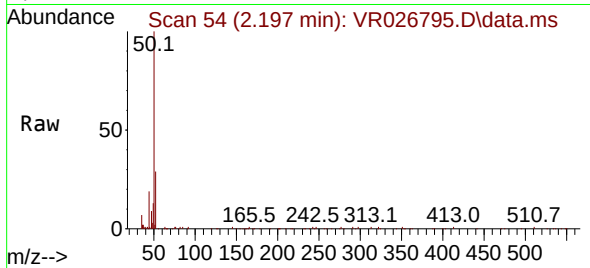




#3
Chloromethane
Concen: 152.230 ug/l
RT: 2.197 min Scan# 54
Delta R.T. -0.006 min
Lab File: VR026795.D
Acq: 4 Dec 2025 15:12

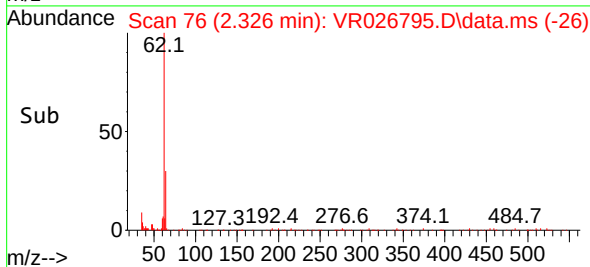
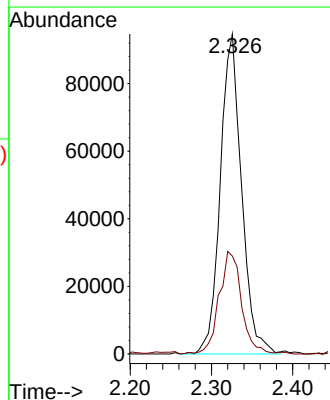
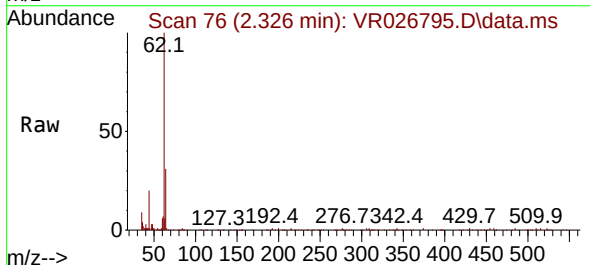
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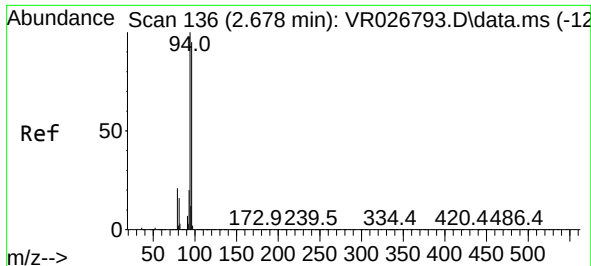
Tgt Ion: 50 Resp: 152503
Ion Ratio Lower Upper
50 100
52 29.3 28.2 42.4



#4
Vinyl Chloride
Concen: 156.814 ug/l
RT: 2.326 min Scan# 76
Delta R.T. -0.006 min
Lab File: VR026795.D
Acq: 4 Dec 2025 15:12

Tgt Ion: 62 Resp: 172484
Ion Ratio Lower Upper
62 100
64 30.6 25.2 37.8

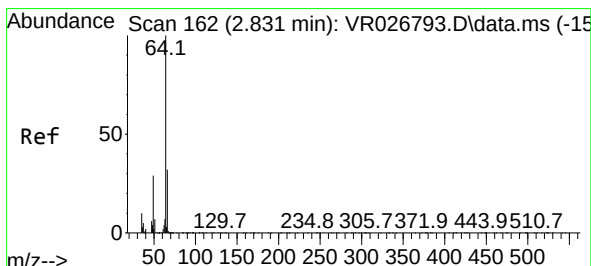
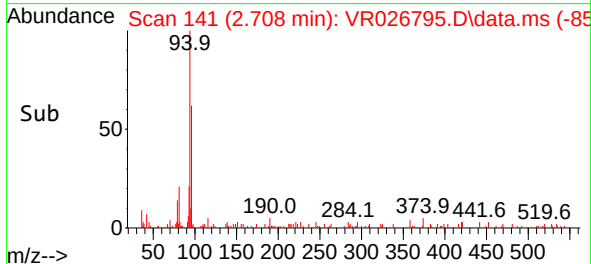
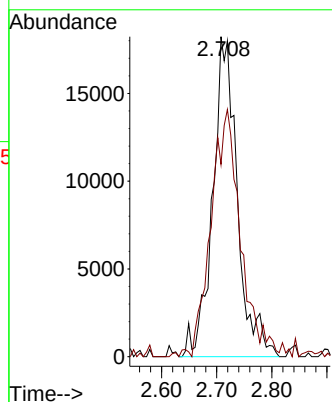
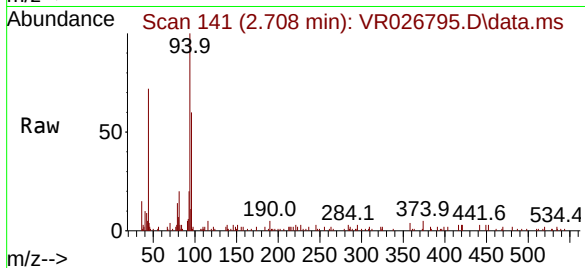




#5
Bromomethane
Concen: 60.610 ug/l m
RT: 2.708 min Scan# 141
Delta R.T. 0.029 min
Lab File: VR026795.D
Acq: 4 Dec 2025 15:12

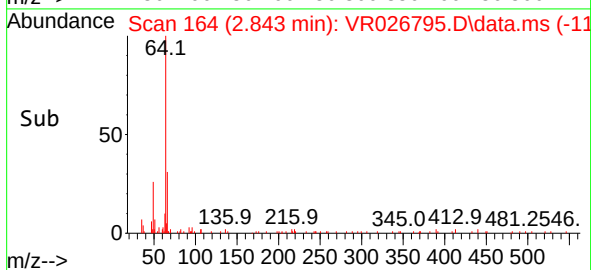
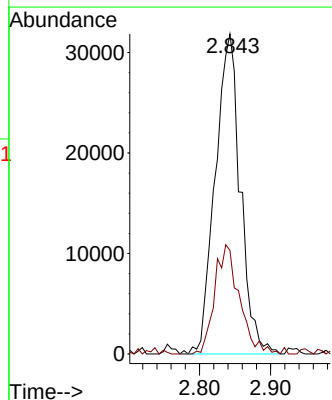
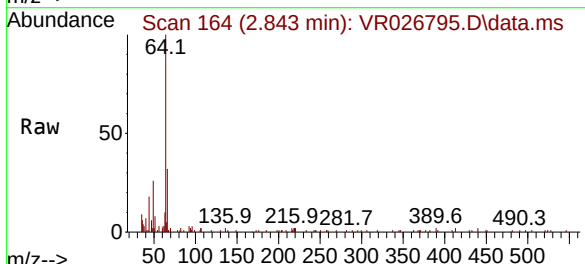
Instrument :
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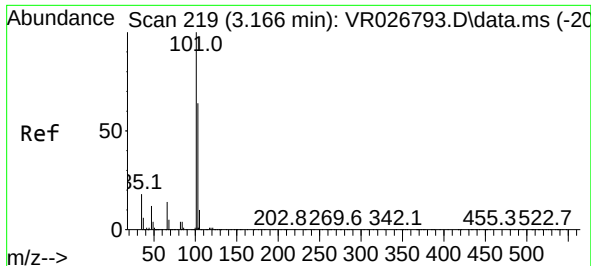
Tgt Ion: 94 Resp: 56668
Ion Ratio Lower Upper
94 100
96 60.1 76.2 114.2#



#6
Chloroethane
Concen: 102.751 ug/l
RT: 2.843 min Scan# 164
Delta R.T. 0.012 min
Lab File: VR026795.D
Acq: 4 Dec 2025 15:12

Tgt Ion: 64 Resp: 78196
Ion Ratio Lower Upper
64 100
66 32.4 25.8 38.6

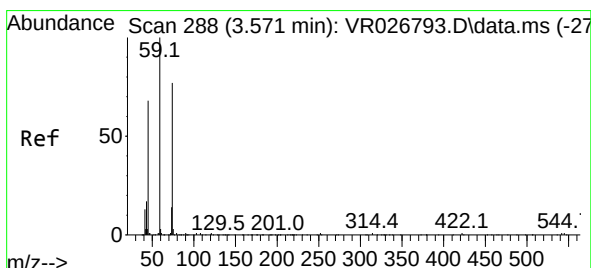
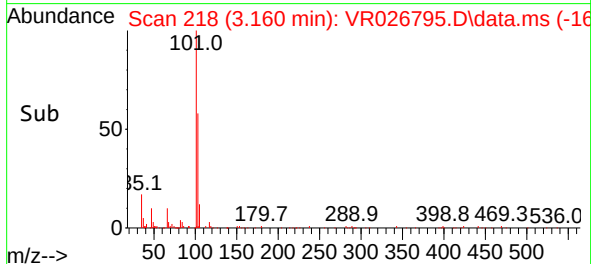
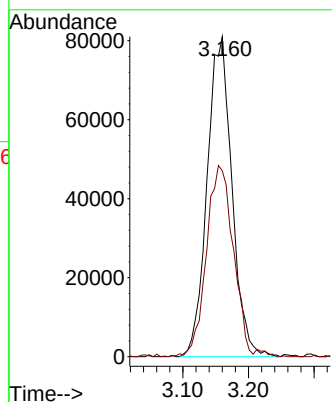
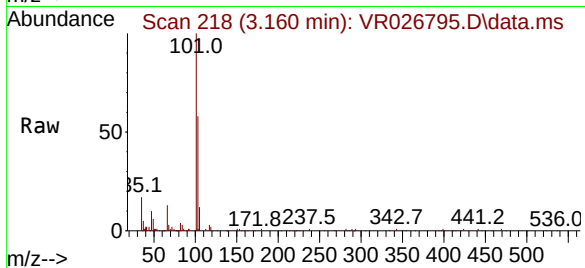




#7
 Trichlorofluoromethane
 Concen: 121.382 ug/l
 RT: 3.160 min Scan# 219
 Delta R.T. -0.006 min
 Lab File: VR026795.D
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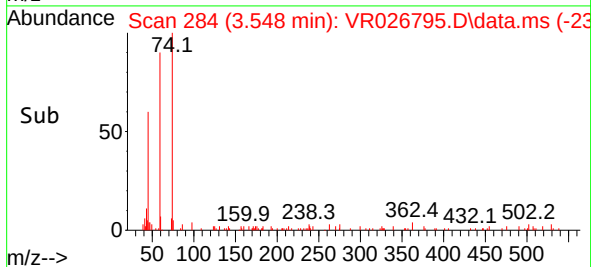
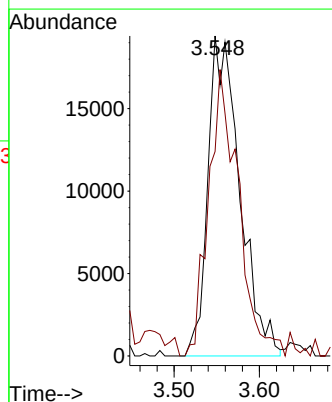
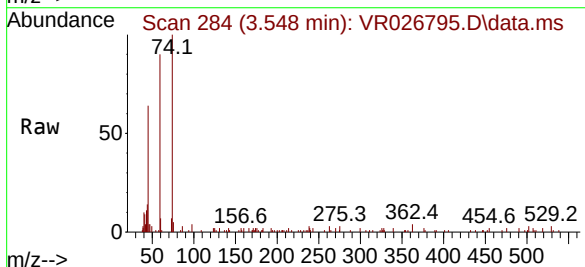
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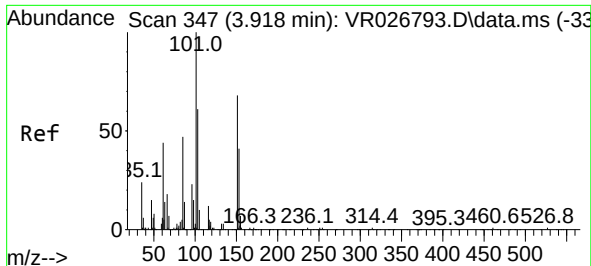
Tgt Ion:101 Resp: 212821
 Ion Ratio Lower Upper
 101 100
 103 58.1 51.4 77.2



#8
 Diethyl Ether
 Concen: 122.972 ug/l
 RT: 3.548 min Scan# 284
 Delta R.T. -0.023 min
 Lab File: VR026795.D
 Acq: 4 Dec 2025 15:12

Tgt Ion: 74 Resp: 50451
 Ion Ratio Lower Upper
 74 100
 45 84.0 49.9 149.7

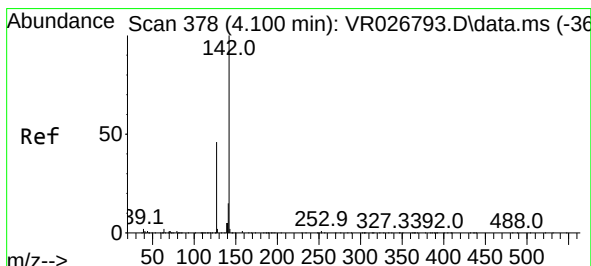
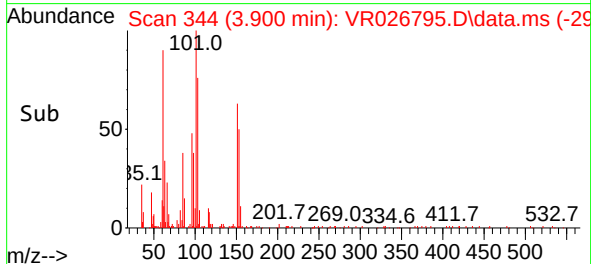
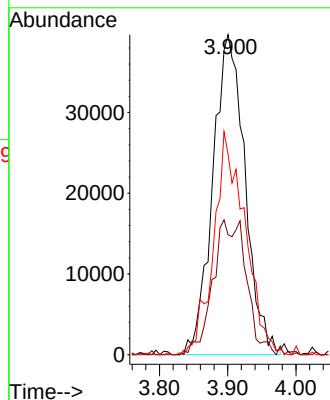
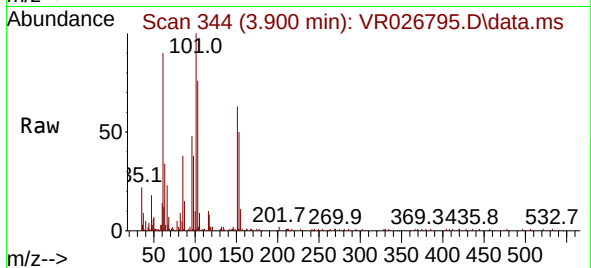




#9
1,1,2-Trichlorotrifluoroethane
Concen: 158.160 ug/l
RT: 3.900 min Scan# 34
Delta R.T. -0.018 min
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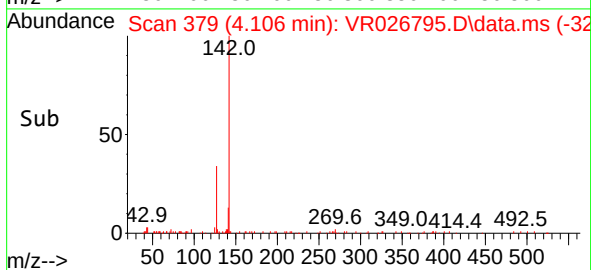
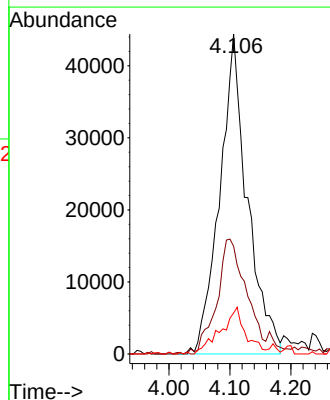
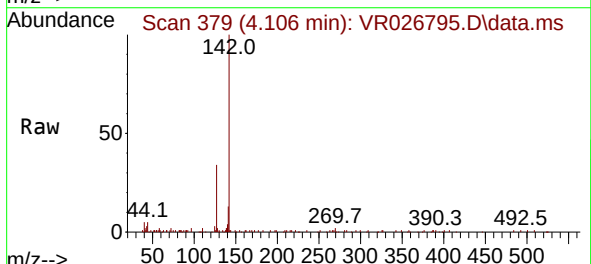
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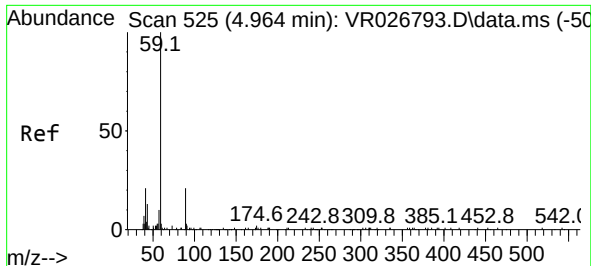
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Ion Ratio Lower Upper
101 100
85 26.0 39.3 58.9#
151 67.7 55.8 83.8



#10
Methyl Iodide
Concen: 177.221 ug/l
RT: 4.106 min Scan# 379
Delta R.T. 0.006 min
Lab File: VR026795.D
Acq: 4 Dec 2025 15:12

Tgt Ion:142 Resp: 139653
Ion Ratio Lower Upper
142 100
127 38.2 32.6 48.8
141 13.2 11.3 16.9

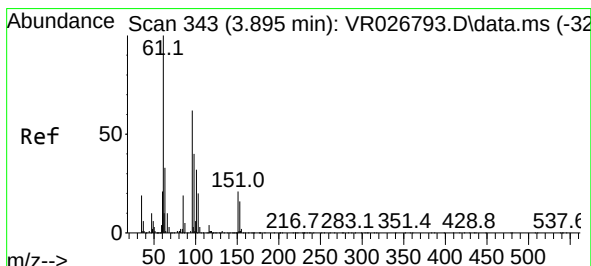
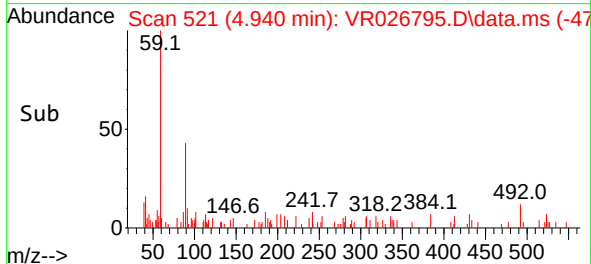
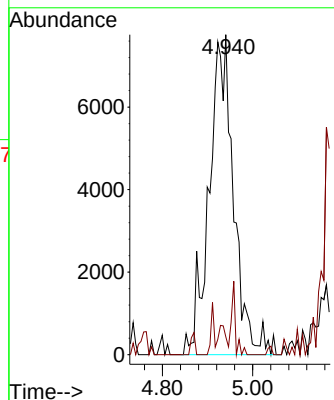
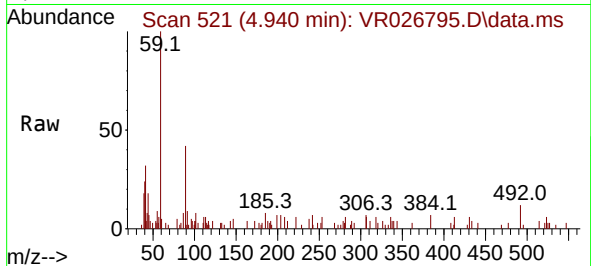




#11
Tert butyl alcohol
Concen: 132.050 ug/l m
RT: 4.940 min Scan# 51
Delta R.T. -0.023 min
Lab File: VR026795.D
Acq: 4 Dec 2025 15:12

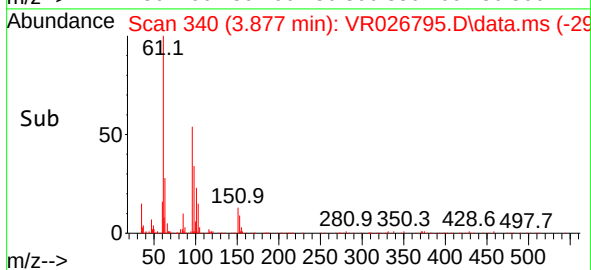
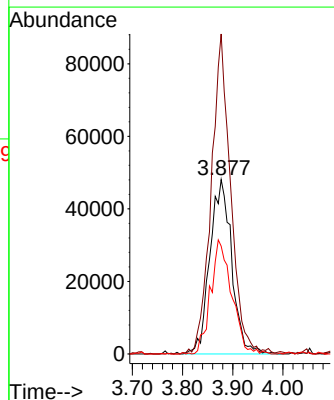
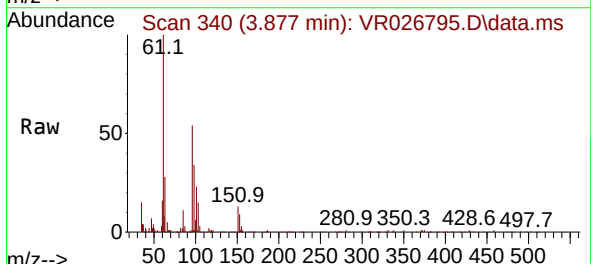
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC150

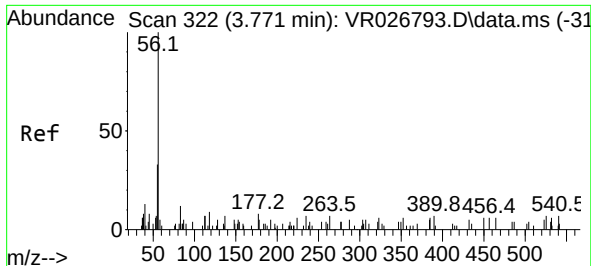
Tgt Ion: 59 Resp: 29095
Ion Ratio Lower Upper
59 100
57 3.8 3.1 4.7



#12
1,1-Dichloroethene
Concen: 181.032 ug/l
RT: 3.877 min Scan# 340
Delta R.T. -0.018 min
Lab File: VR026795.D
Acq: 4 Dec 2025 15:12

Tgt Ion: 96 Resp: 145455
Ion Ratio Lower Upper
96 100
61 183.6 128.2 192.4
98 61.9 51.8 77.8

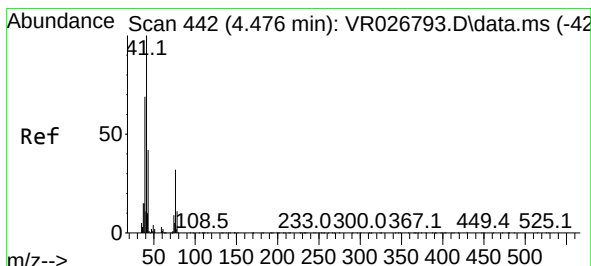
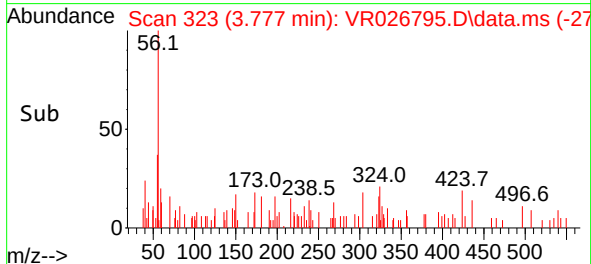
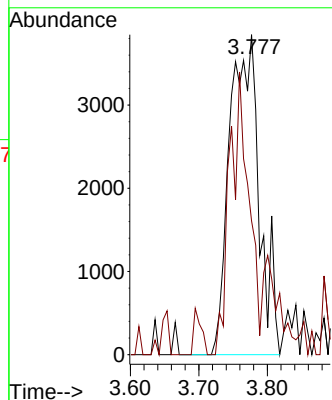
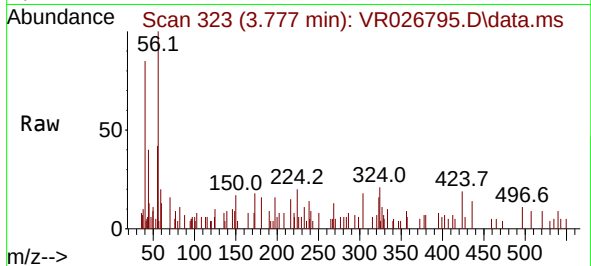




#13
Acrolein
Concen: 689.939 ug/l m
RT: 3.777 min Scan# 31
Delta R.T. 0.006 min
Lab File: VR026795.D
Acq: 4 Dec 2025 15:12

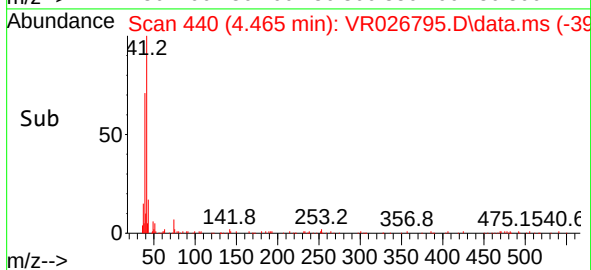
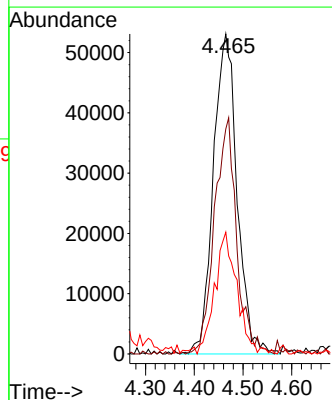
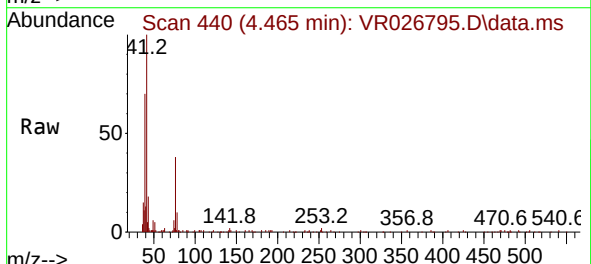
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC150

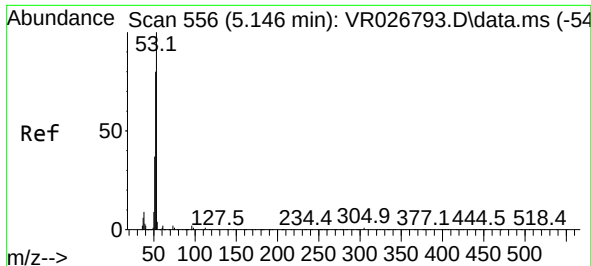
Tgt Ion: 56 Resp: 11483
Ion Ratio Lower Upper
56 100
55 57.2 58.5 87.7#



#14
Allyl chloride
Concen: 122.590 ug/l
RT: 4.465 min Scan# 440
Delta R.T. -0.012 min
Lab File: VR026795.D
Acq: 4 Dec 2025 15:12

Tgt Ion: 41 Resp: 179879
Ion Ratio Lower Upper
41 100
39 68.8 55.0 82.4
76 34.1 27.3 40.9

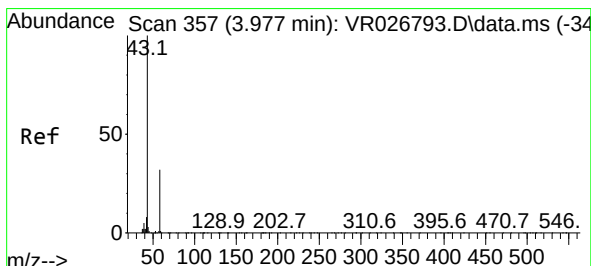
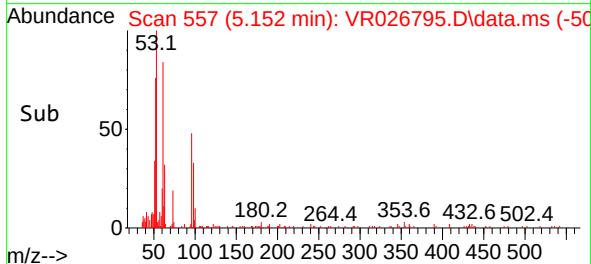
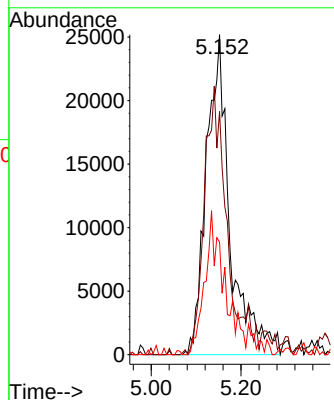
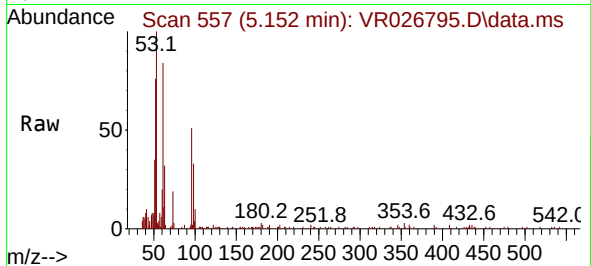




#15
Acrylonitrile
Concen: 395.410 ug/l
RT: 5.152 min Scan# 51
Delta R.T. 0.006 min
Lab File: VR026795.D
Acq: 4 Dec 2025 15:12

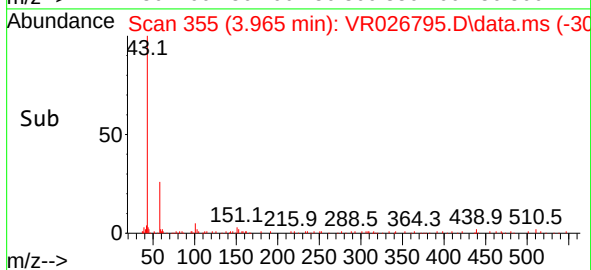
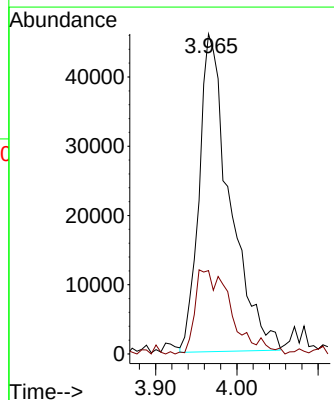
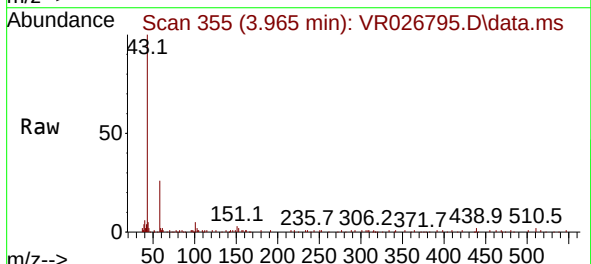
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC150

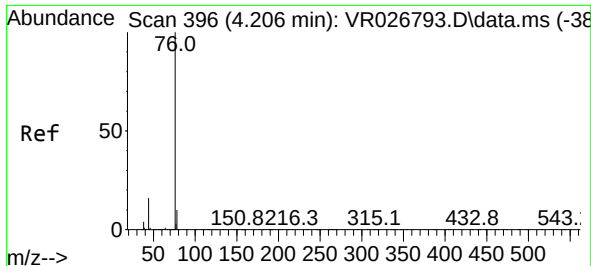
Tgt Ion: 53	Resp: 93076
Ion Ratio	Lower Upper
53 100	
52 73.2	65.9 98.9
51 36.7	28.1 42.1



#16
Acetone
Concen: 355.492 ug/l
RT: 3.965 min Scan# 355
Delta R.T. -0.012 min
Lab File: VR026795.D
Acq: 4 Dec 2025 15:12

Tgt Ion: 43	Resp: 121126
Ion Ratio	Lower Upper
43 100	
58 26.0	25.5 38.3

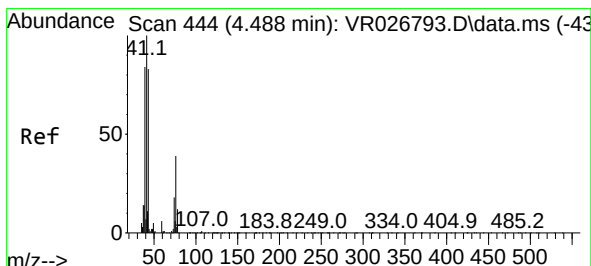
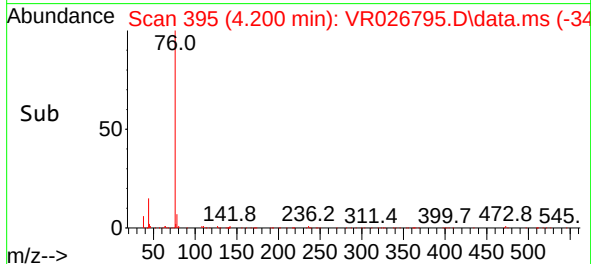
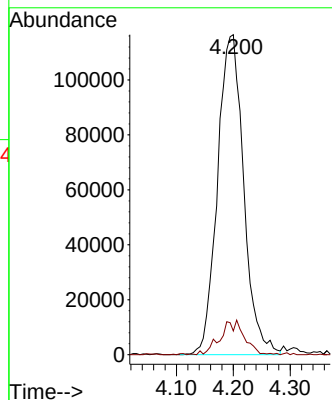
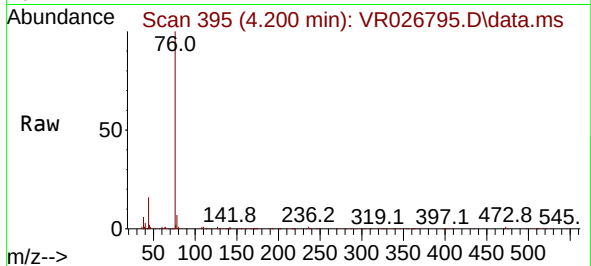




#17
Carbon Disulfide
Concen: 151.616 ug/l
RT: 4.200 min Scan# 396
Delta R.T. -0.006 min
Lab File: VR026795.D
Acq: 4 Dec 2025 15:12

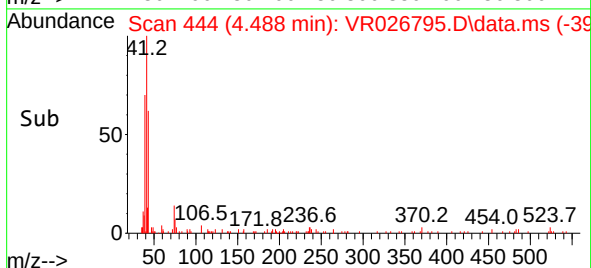
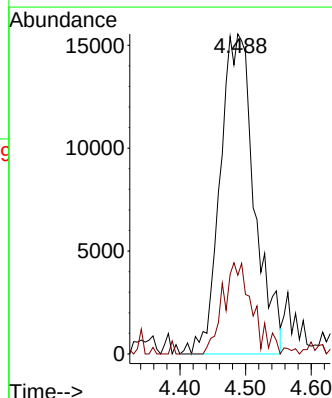
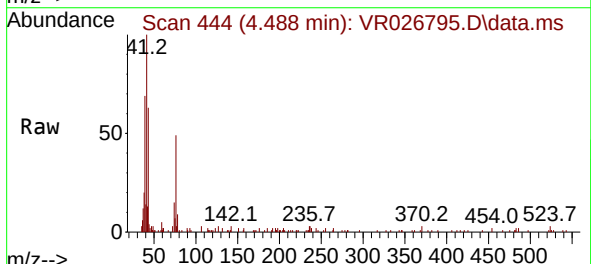
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC150

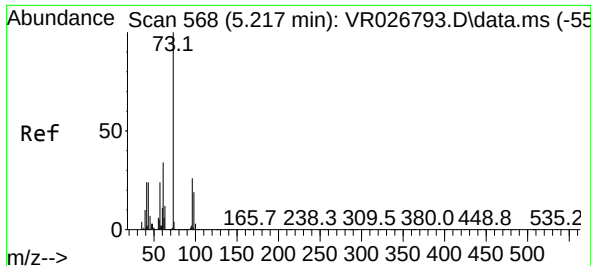
Tgt Ion: 76 Resp: 371969
Ion Ratio Lower Upper
76 100
78 7.4 8.2 12.4#



#18
Methyl Acetate
Concen: 85.542 ug/l
RT: 4.488 min Scan# 444
Delta R.T. 0.000 min
Lab File: VR026795.D
Acq: 4 Dec 2025 15:12

Tgt Ion: 43 Resp: 56629
Ion Ratio Lower Upper
43 100
74 24.7 18.3 27.5

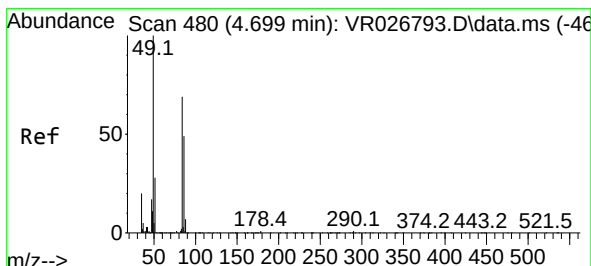
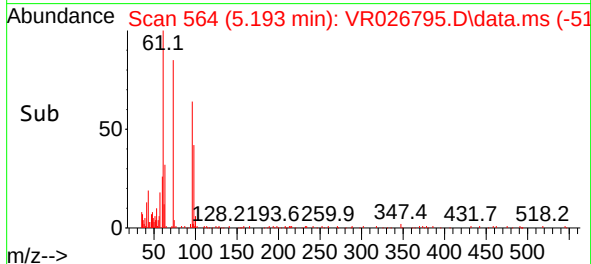
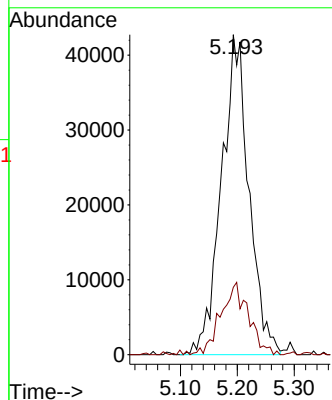
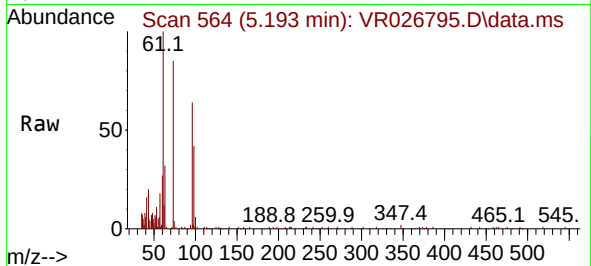




#19
Methyl tert-butyl Ether
Concen: 69.587 ug/l
RT: 5.193 min Scan# 51
Delta R.T. -0.023 min
Lab File: VR026795.D
Acq: 4 Dec 2025 15:12

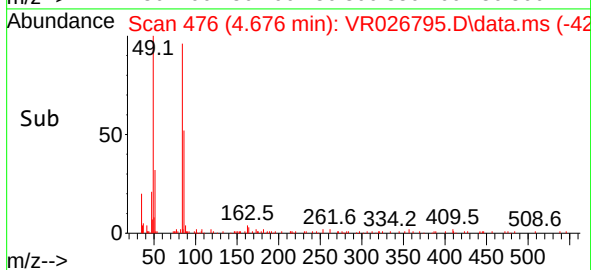
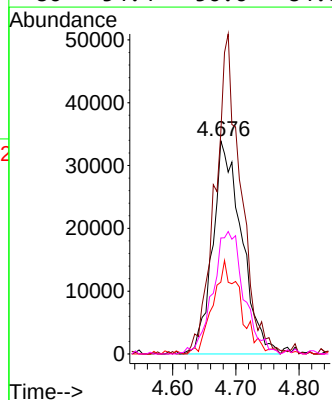
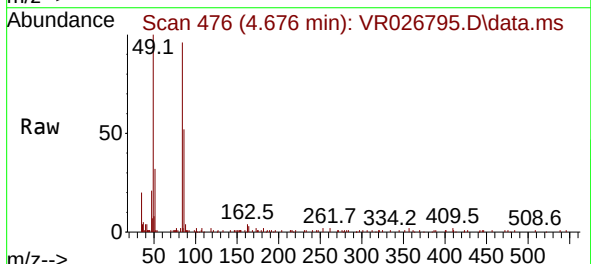
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC150

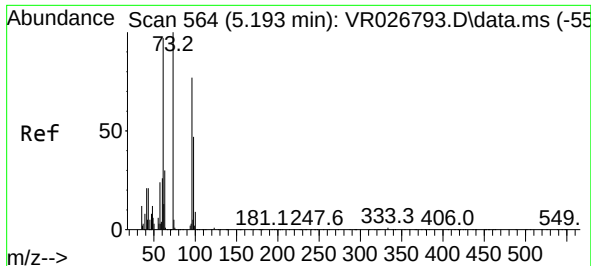
Tgt Ion: 73 Resp: 143675
Ion Ratio Lower Upper
73 100
57 21.3 19.1 28.7



#20
Methylene Chloride
Concen: 110.558 ug/l
RT: 4.676 min Scan# 476
Delta R.T. -0.023 min
Lab File: VR026795.D
Acq: 4 Dec 2025 15:12

Tgt Ion: 84 Resp: 107981
Ion Ratio Lower Upper
84 100
49 104.0 115.9 173.9#
51 33.7 31.9 47.9
86 54.4 56.6 84.8#

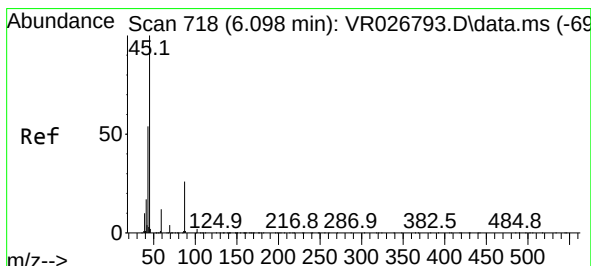
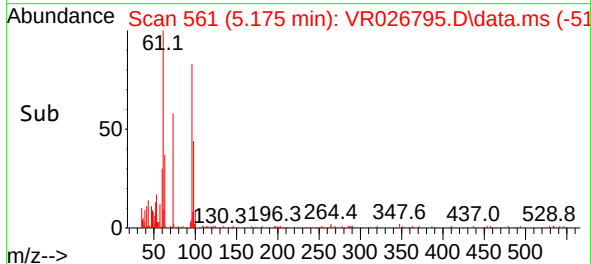
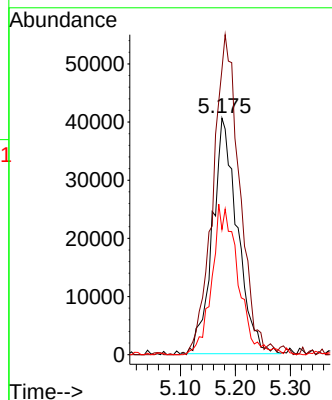
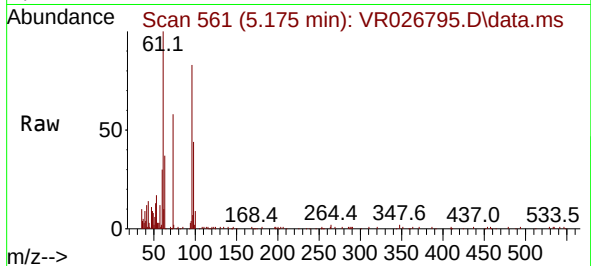




#21
trans-1,2-Dichloroethene
Concen: 146.357 ug/l
RT: 5.175 min Scan# 511
Delta R.T. -0.018 min
Lab File: VR026795.D
Acq: 4 Dec 2025 15:12

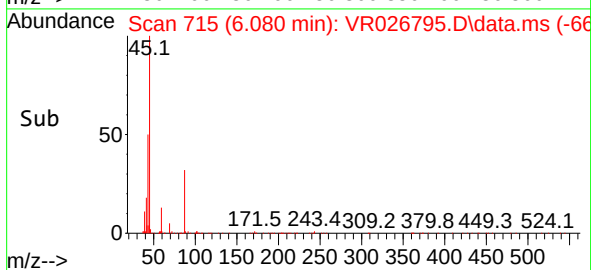
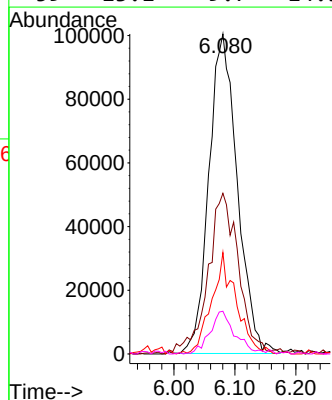
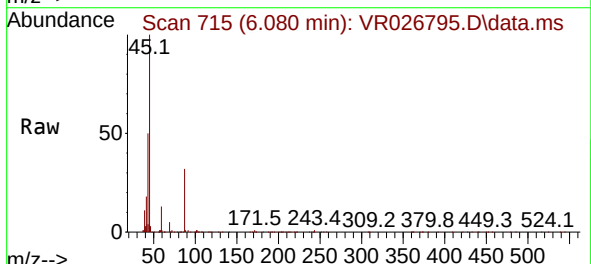
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC150

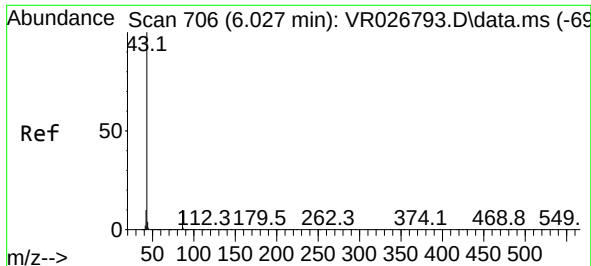
Tgt Ion: 96 Resp: 128091
Ion Ratio Lower Upper
96 100
61 121.3 101.2 151.8
98 53.1 49.0 73.4



#22
Diisopropyl ether
Concen: 108.965 ug/l
RT: 6.080 min Scan# 715
Delta R.T. -0.018 min
Lab File: VR026795.D
Acq: 4 Dec 2025 15:12

Tgt Ion: 45 Resp: 324971
Ion Ratio Lower Upper
45 100
43 48.7 46.6 70.0
87 31.4 21.1 31.7
59 13.1 9.7 14.5

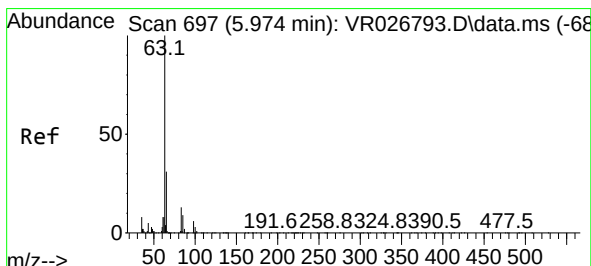
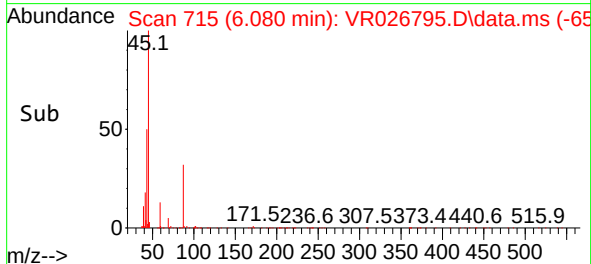
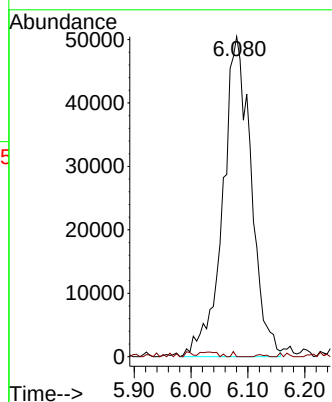
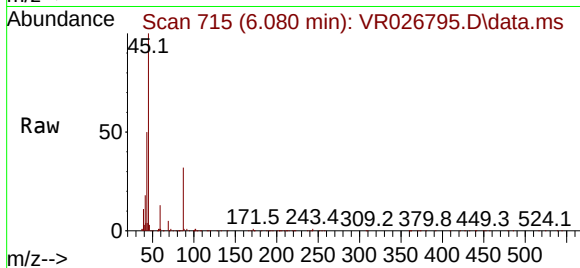




#23
 Vinyl Acetate
 Concen: 119.689 ug/l
 RT: 6.080 min Scan# 715
 Delta R.T. 0.053 min
 Lab File: VR026795.D
 Acq: 4 Dec 2025 15:12

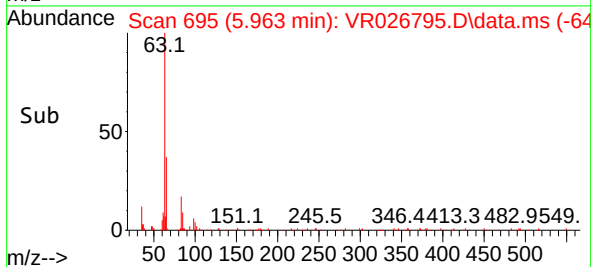
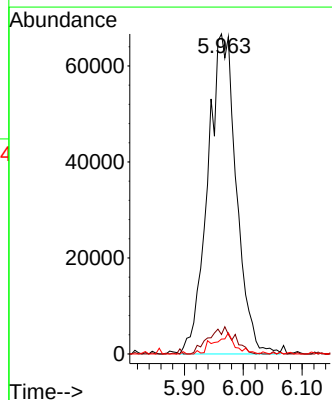
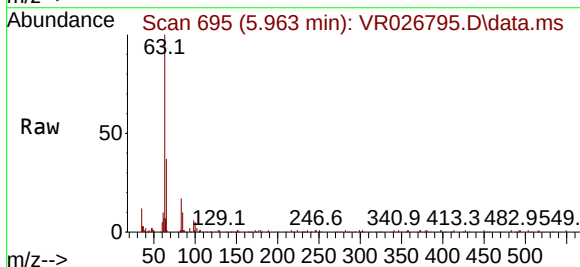
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDIC150

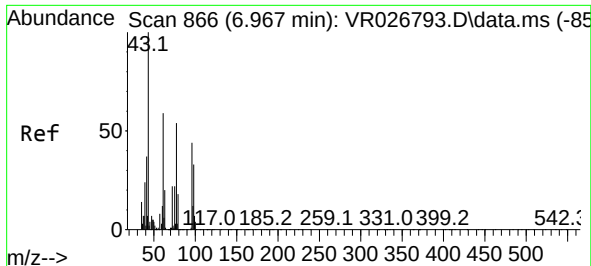
Tgt Ion: 43 Resp: 174542
 Ion Ratio Lower Upper
 43 100
 86 0.0 7.6 11.4#



#24
 1,1-Dichloroethane
 Concen: 134.200 ug/l
 RT: 5.963 min Scan# 695
 Delta R.T. -0.012 min
 Lab File: VR026795.D
 Acq: 4 Dec 2025 15:12

Tgt Ion: 63 Resp: 224851
 Ion Ratio Lower Upper
 63 100
 98 5.6 3.3 9.8
 100 4.7 1.8 5.3

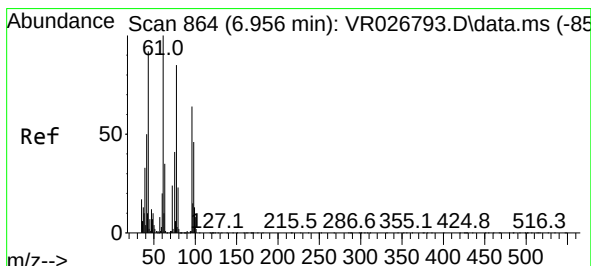
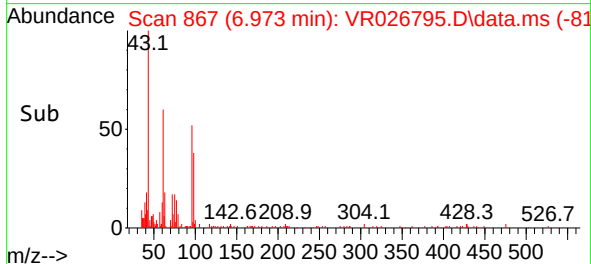
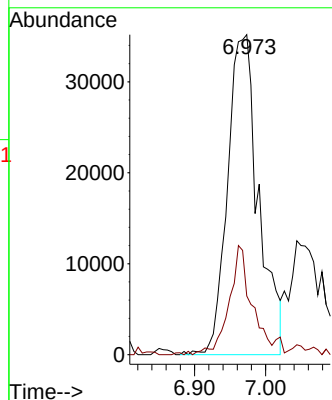
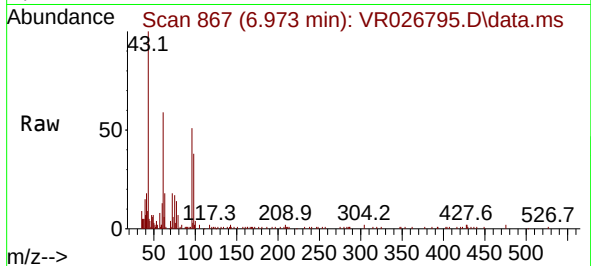




#25
2-Butanone
Concen: 253.508 ug/l
RT: 6.973 min Scan# 80
Delta R.T. 0.006 min
Lab File: VR026795.D
Acq: 4 Dec 2025 15:12

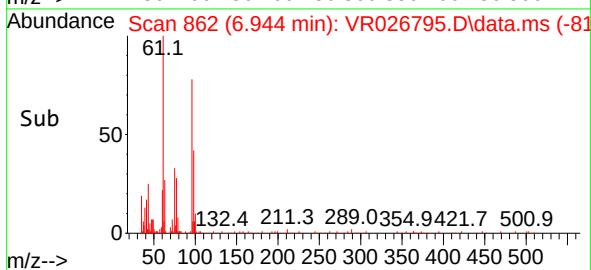
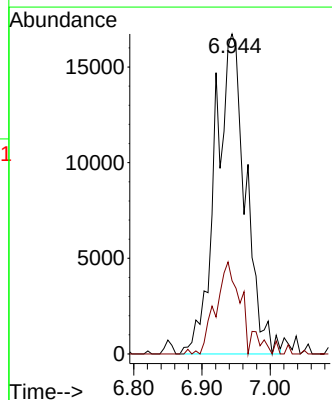
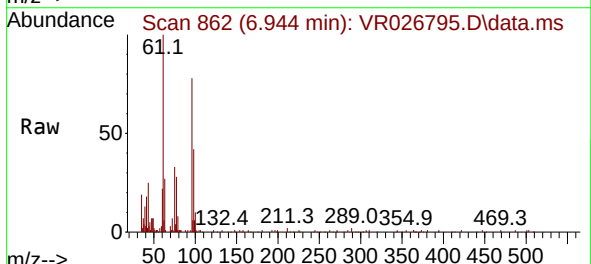
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC150

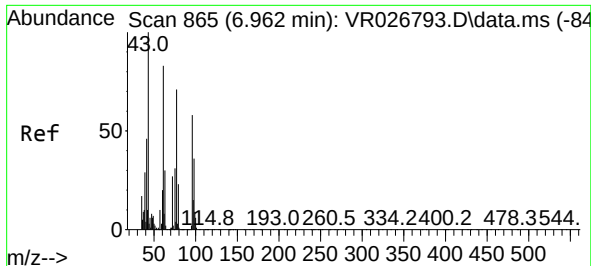
Tgt Ion: 43 Resp: 106401
Ion Ratio Lower Upper
43 100
72 17.8 17.4 26.2



#26
2,2-Dichloropropane
Concen: 35.631 ug/l
RT: 6.944 min Scan# 862
Delta R.T. -0.012 min
Lab File: VR026795.D
Acq: 4 Dec 2025 15:12

Tgt Ion: 77 Resp: 51620
Ion Ratio Lower Upper
77 100
97 23.6 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 125.292 ug/l

RT: 6.944 min Scan# 862

Delta R.T. -0.018 min

Lab File: VR026795.D

Acq: 4 Dec 2025 15:12

Instrument :

MSVOA_R

ClientSampleId :

VSTDIC150

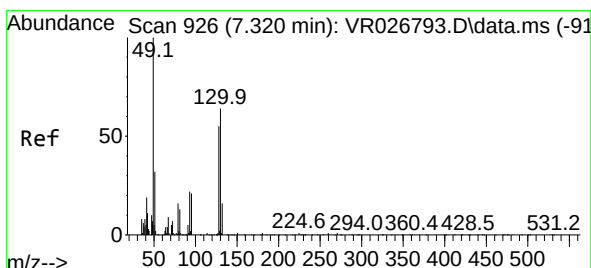
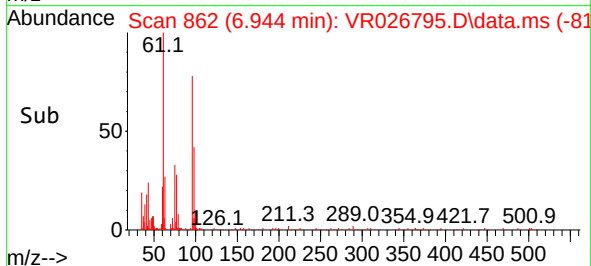
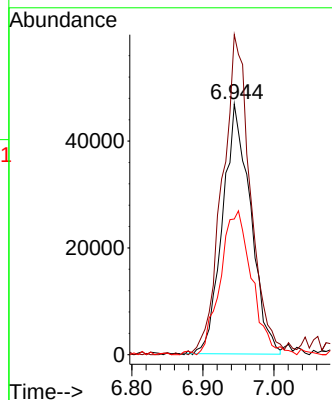
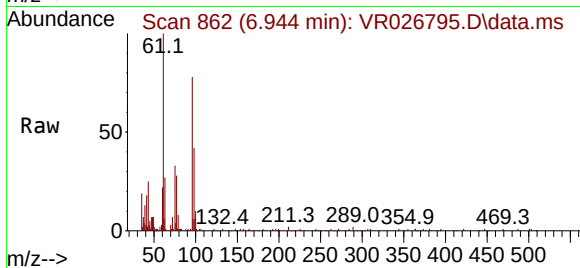
Tgt Ion: 96 Resp: 128022

Ion Ratio Lower Upper

96 100

61 129.1 0.0 296.6

98 64.7 0.0 132.0



#28

Bromochloromethane

Concen: 107.871 ug/l

RT: 7.302 min Scan# 923

Delta R.T. -0.018 min

Lab File: VR026795.D

Acq: 4 Dec 2025 15:12

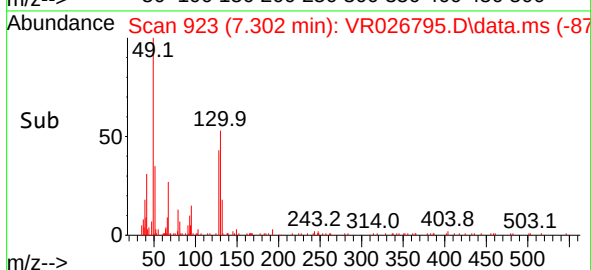
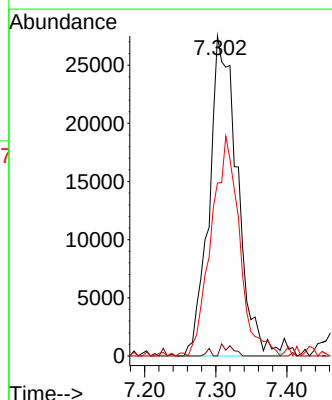
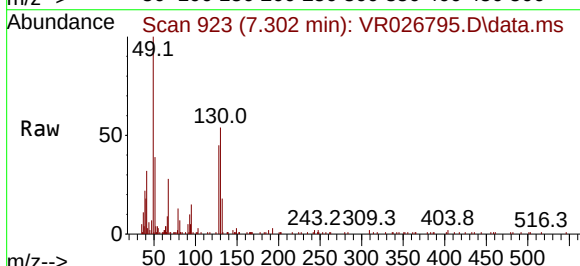
Tgt Ion: 49 Resp: 75996

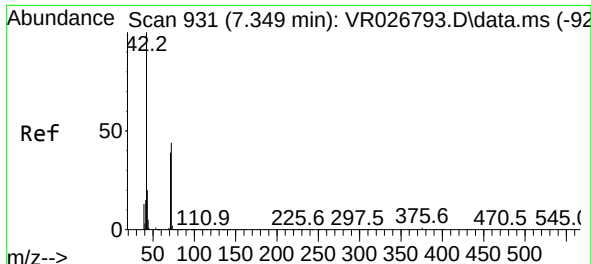
Ion Ratio Lower Upper

49 100

129 1.5 0.0 2.6

130 68.4 54.8 82.2

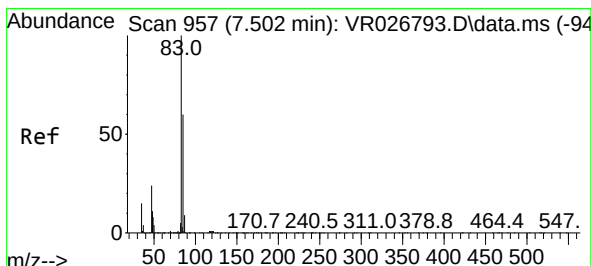
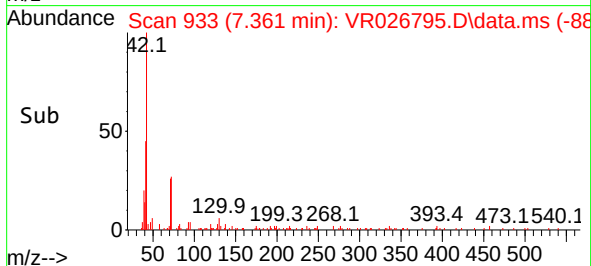
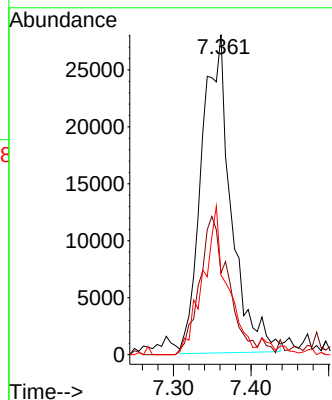
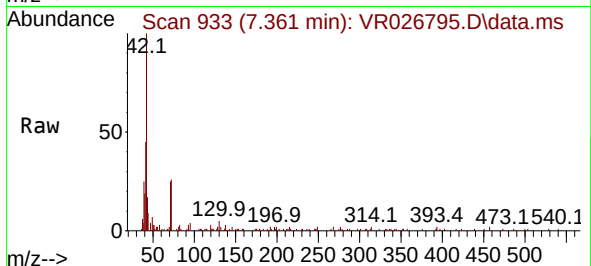




#29
Tetrahydrofuran
Concen: 428.570 ug/l
RT: 7.361 min Scan# 91
Delta R.T. 0.012 min
Lab File: VR026795.D
Acq: 4 Dec 2025 15:12

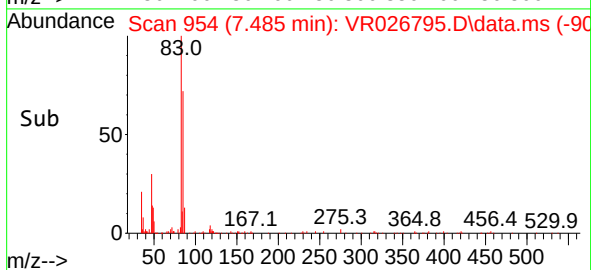
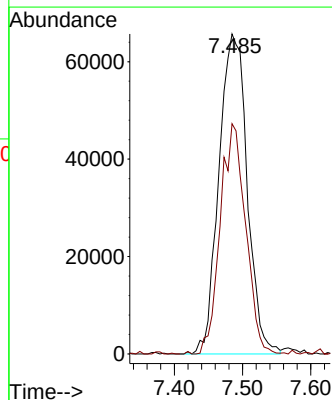
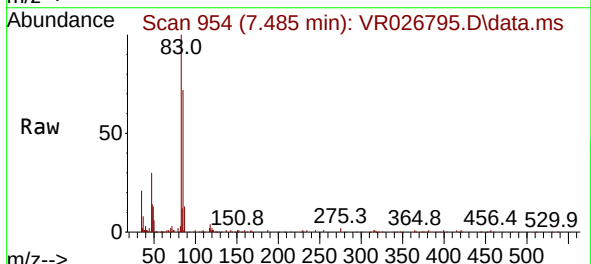
Instrument :
MSVOA_R
ClientSampleId :
VSTDICC150

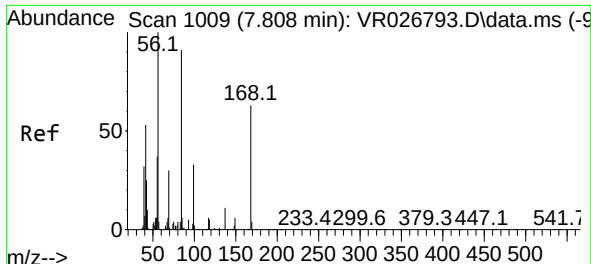
Tgt Ion: 42 Resp: 73807
Ion Ratio Lower Upper
42 100
72 41.8 35.4 53.2
71 38.2 30.8 46.2



#30
Chloroform
Concen: 122.958 ug/l
RT: 7.485 min Scan# 954
Delta R.T. -0.018 min
Lab File: VR026795.D
Acq: 4 Dec 2025 15:12

Tgt Ion: 83 Resp: 189320
Ion Ratio Lower Upper
83 100
85 71.9 48.2 72.4

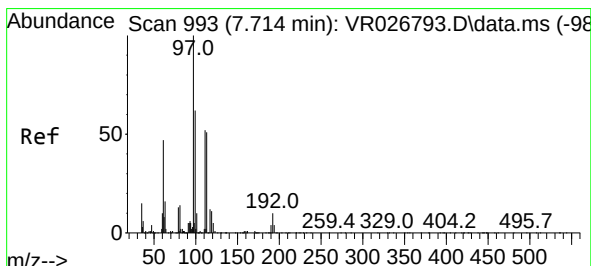
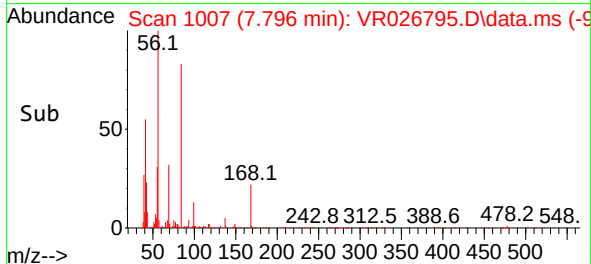
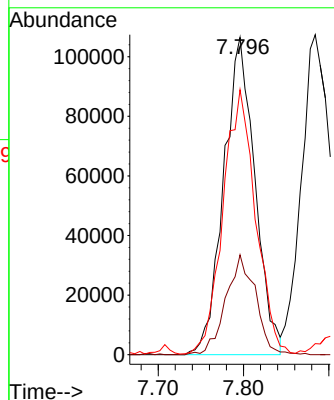
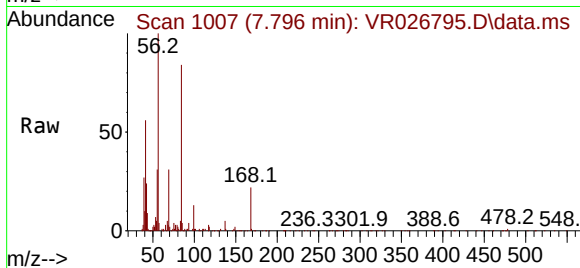




#31
Cyclohexane
Concen: 150.600 ug/l
RT: 7.796 min Scan# 1007
Delta R.T. -0.012 min
Lab File: VR026795.D
Acq: 4 Dec 2025 15:12

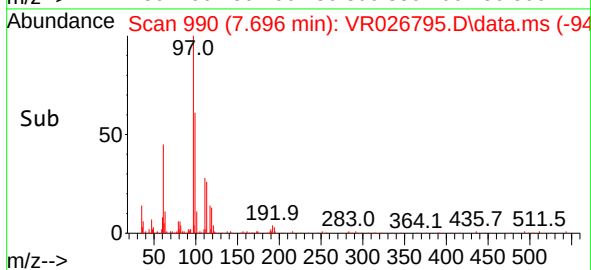
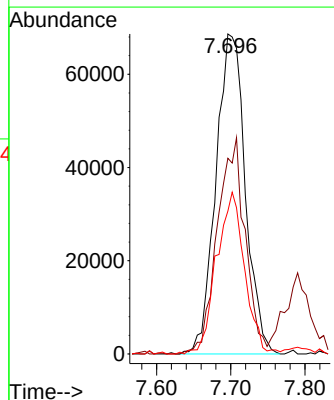
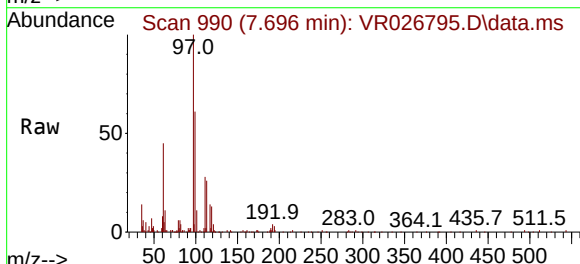
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC150

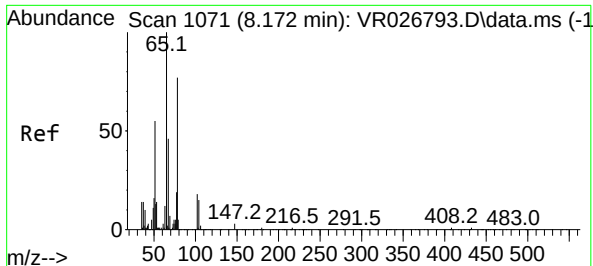
Tgt Ion: 56 Resp: 271143
Ion Ratio Lower Upper
56 100
69 31.5 23.8 35.6
84 83.3 72.3 108.5



#32
1,1,1-Trichloroethane
Concen: 141.427 ug/l
RT: 7.696 min Scan# 990
Delta R.T. -0.018 min
Lab File: VR026795.D
Acq: 4 Dec 2025 15:12

Tgt Ion: 97 Resp: 189348
Ion Ratio Lower Upper
97 100
99 63.8 50.4 75.6
61 48.1 37.9 56.9





#33

1,2-Dichloroethane-d4

Concen: 107.031 ug/l

RT: 8.172 min Scan# 1071

Delta R.T. 0.000 min

Lab File: VR026795.D

Acq: 4 Dec 2025 15:12

Instrument :

MSVOA_R

ClientSampleId :

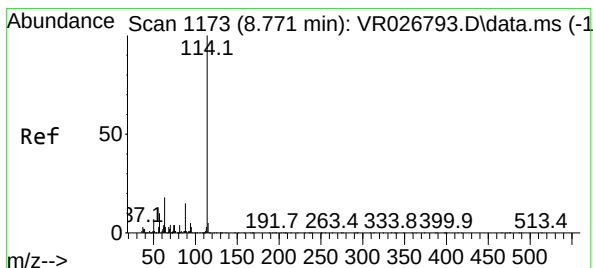
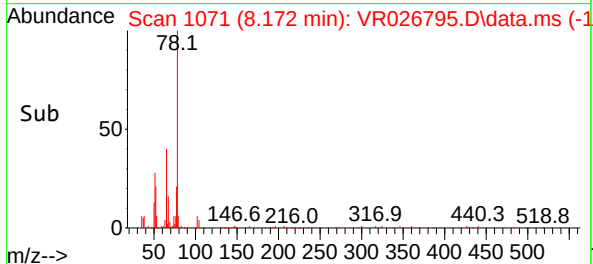
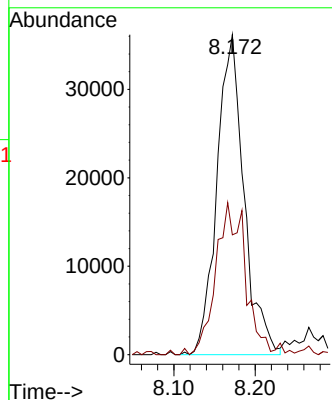
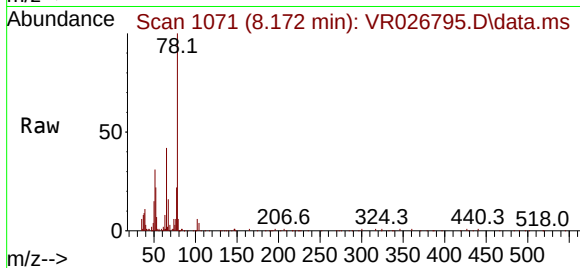
VSTDIC150

Tgt Ion: 65 Resp: 83740

Ion Ratio Lower Upper

65 100

67 51.6 0.0 103.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.760 min Scan# 1171

Delta R.T. -0.012 min

Lab File: VR026795.D

Acq: 4 Dec 2025 15:12

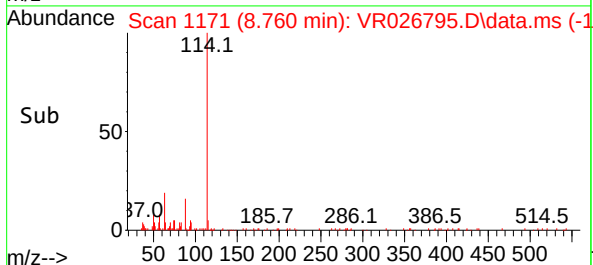
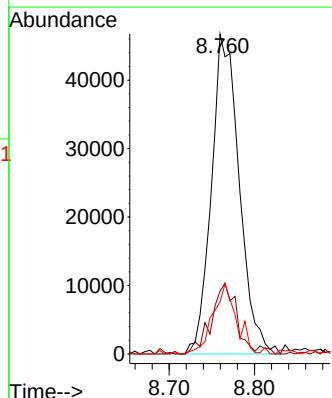
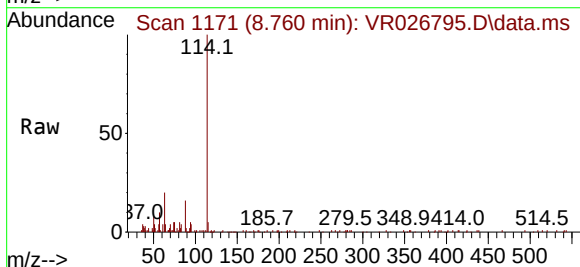
Tgt Ion: 114 Resp: 106112

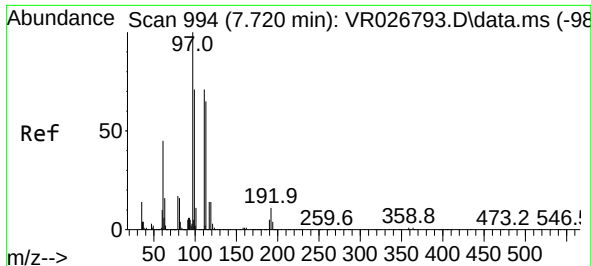
Ion Ratio Lower Upper

114 100

63 19.6 0.0 36.6

88 16.3 0.0 29.8

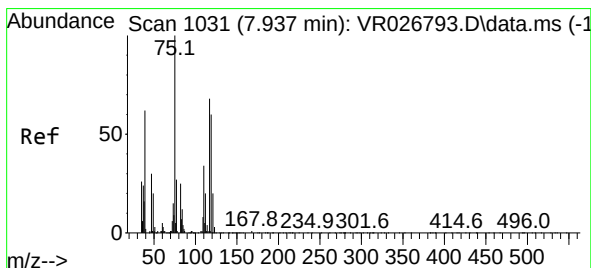
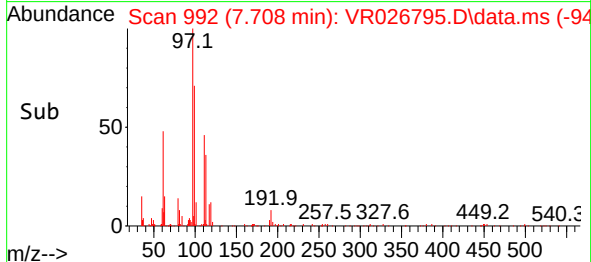
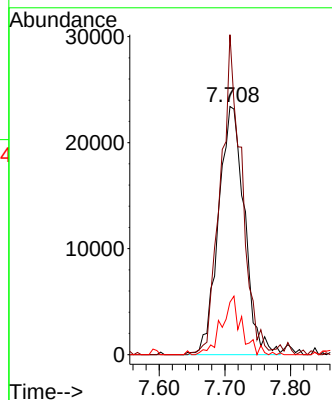
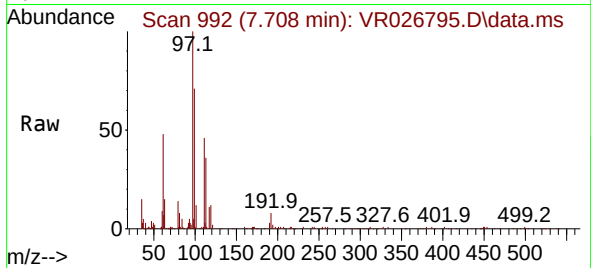




#35
Dibromofluoromethane
Concen: 106.688 ug/l
RT: 7.708 min Scan# 994
Delta R.T. -0.012 min
Lab File: VR026795.D
Acq: 4 Dec 2025 15:12

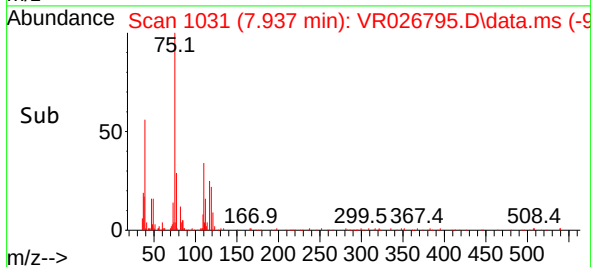
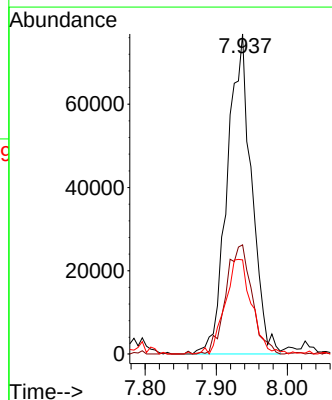
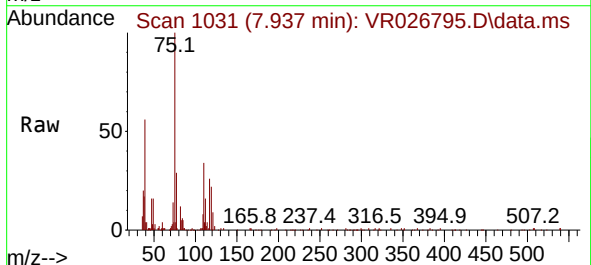
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC150

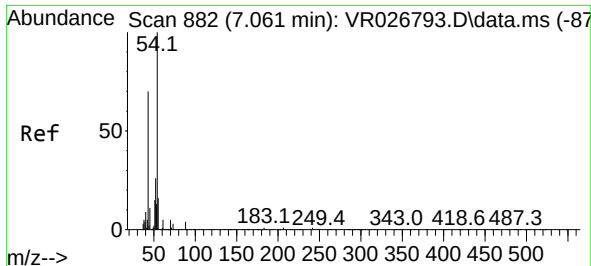
Tgt Ion:113 Resp: 64155
Ion Ratio Lower Upper
113 100
111 105.3 80.5 120.7
192 18.0 13.8 20.8



#36
1,1-Dichloropropene
Concen: 164.252 ug/l
RT: 7.937 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VR026795.D
Acq: 4 Dec 2025 15:12

Tgt Ion: 75 Resp: 182411
Ion Ratio Lower Upper
75 100
110 36.5 17.5 52.6
77 32.3 22.4 33.6

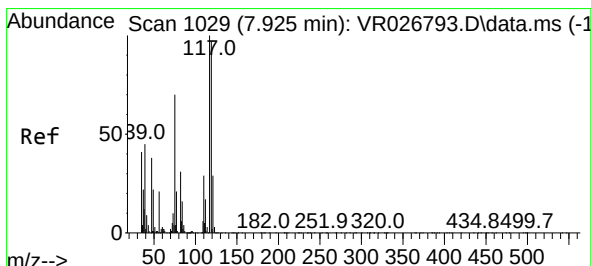
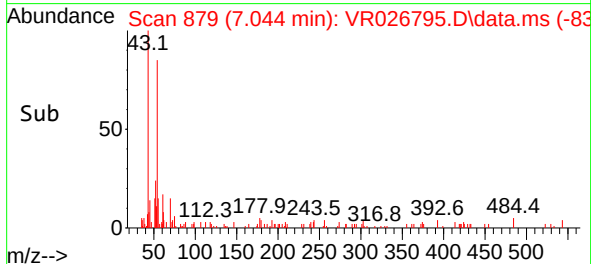
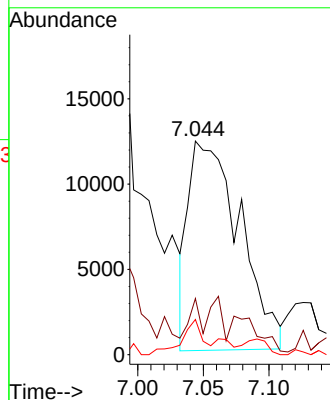
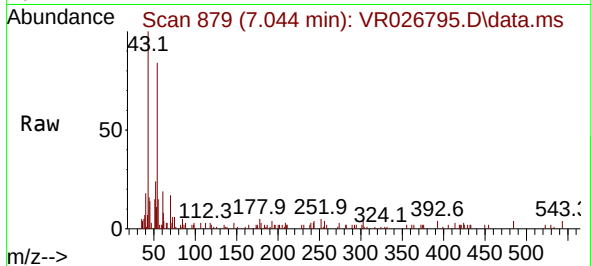




#37
Ethyl Acetate
Concen: 60.383 ug/l
RT: 7.044 min Scan# 81
Delta R.T. -0.018 min
Lab File: VR026795.D
Acq: 4 Dec 2025 15:12

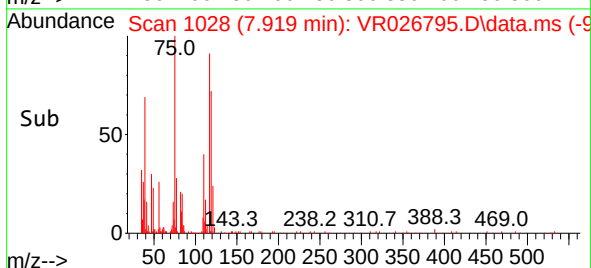
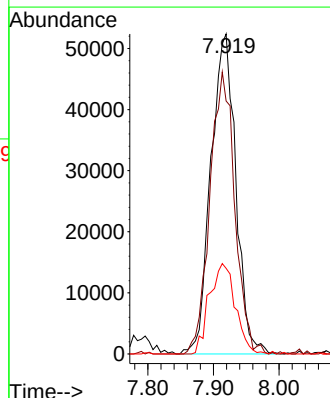
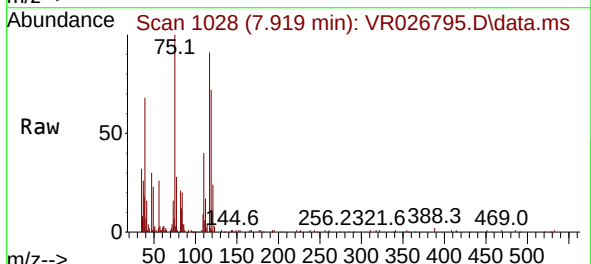
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC150

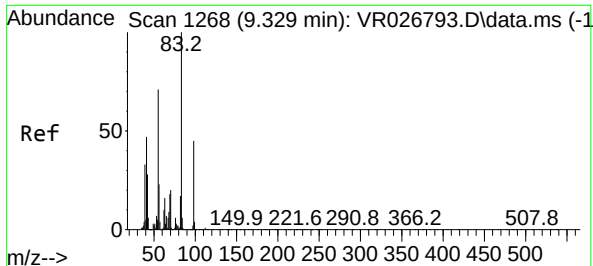
Tgt Ion: 43 Resp: 33484
Ion Ratio Lower Upper
43 100
61 0.0 12.0 18.0#
70 6.8 7.8 11.6#



#38
Carbon Tetrachloride
Concen: 140.252 ug/l
RT: 7.919 min Scan# 1028
Delta R.T. -0.006 min
Lab File: VR026795.D
Acq: 4 Dec 2025 15:12

Tgt Ion: 117 Resp: 138394
Ion Ratio Lower Upper
117 100
119 79.0 77.5 116.3
121 26.7 23.4 35.2





#39

Methylcyclohexane

Concen: 176.156 ug/l

RT: 9.318 min Scan# 1

Delta R.T. -0.012 min

Lab File: VR026795.D

Acq: 4 Dec 2025 15:12

Instrument :

MSVOA_R

ClientSampleId :

VSTDIC150

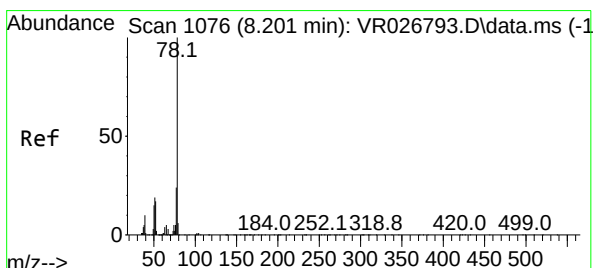
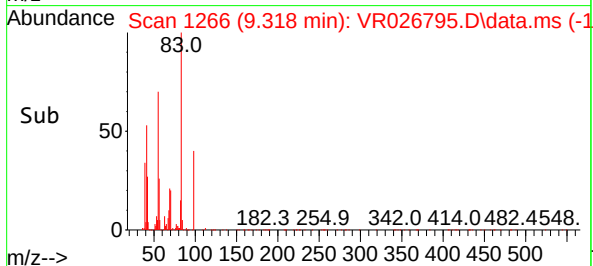
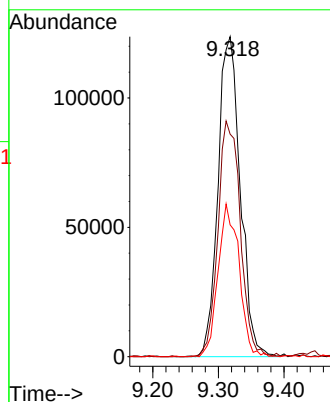
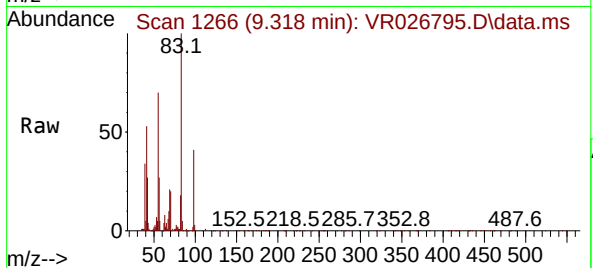
Tgt Ion: 83 Resp: 291831

Ion Ratio Lower Upper

83 100

55 69.5 56.6 85.0

98 41.2 36.0 54.0



#40

Benzene

Concen: 148.636 ug/l

RT: 8.190 min Scan# 1074

Delta R.T. -0.012 min

Lab File: VR026795.D

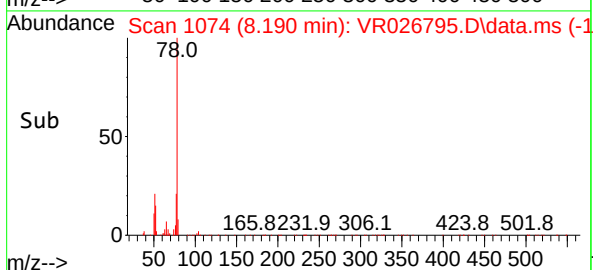
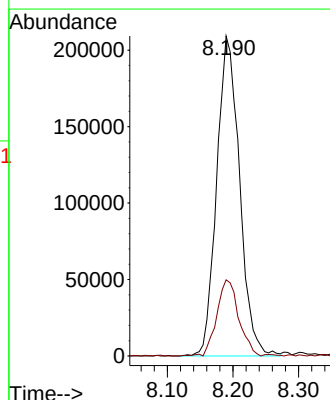
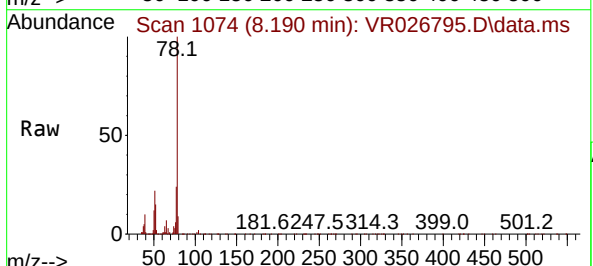
Acq: 4 Dec 2025 15:12

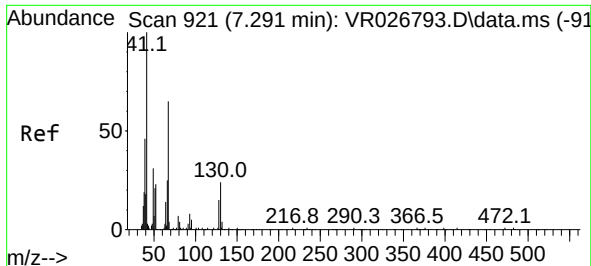
Tgt Ion: 78 Resp: 505449

Ion Ratio Lower Upper

78 100

77 23.8 19.5 29.3

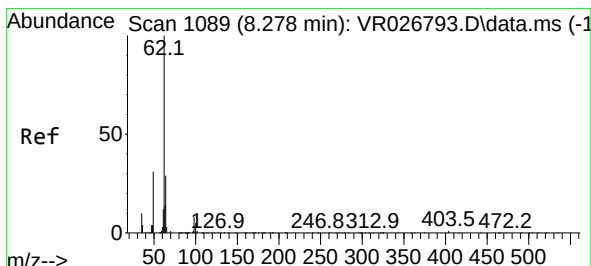
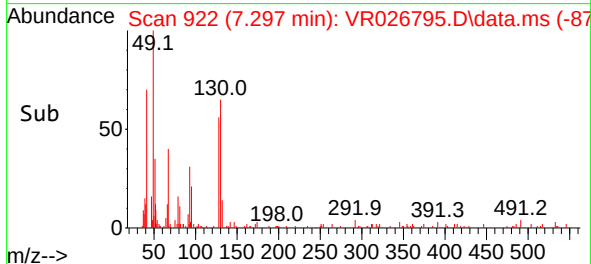
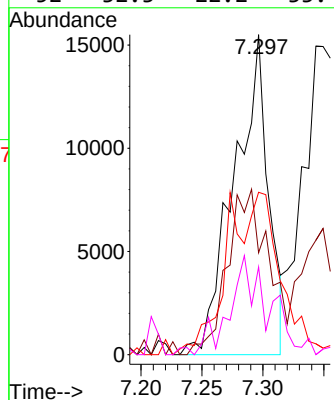
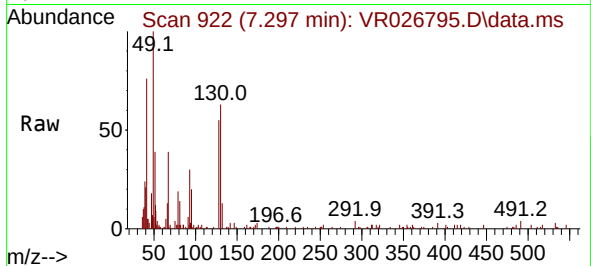




#41
Methacrylonitrile
Concen: 87.424 ug/l
RT: 7.297 min Scan# 91
Delta R.T. 0.006 min
Lab File: VR026795.D
Acq: 4 Dec 2025 15:12

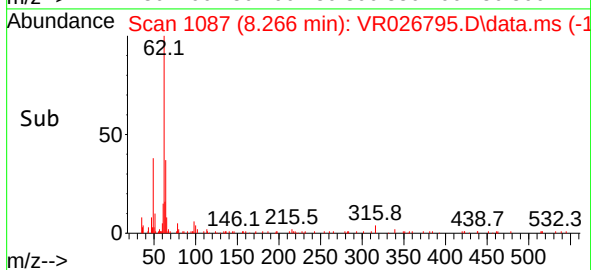
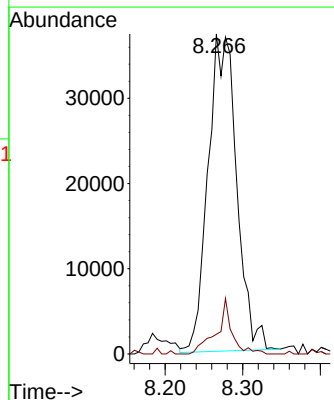
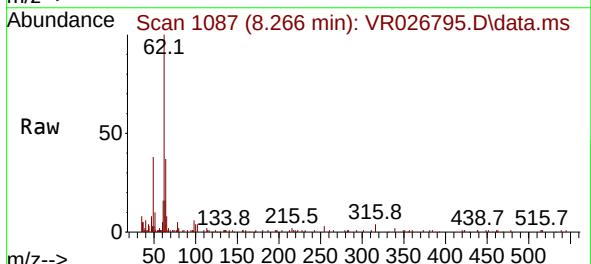
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC150

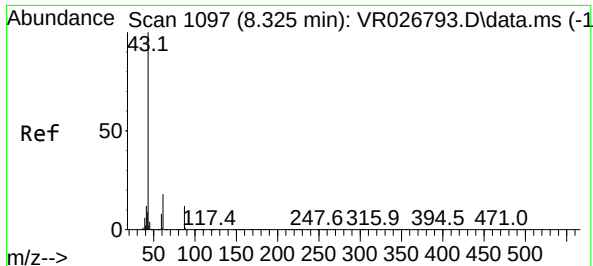
Tgt Ion:	41	Resp:	30404
Ion	Ratio	Lower	Upper
41	100		
39	62.1	40.4	60.6#
67	46.3	55.5	83.3#
52	32.3	22.2	33.4



#42
1,2-Dichloroethane
Concen: 113.387 ug/l
RT: 8.266 min Scan# 1087
Delta R.T. -0.012 min
Lab File: VR026795.D
Acq: 4 Dec 2025 15:12

Tgt Ion:	62	Resp:	95445
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.2

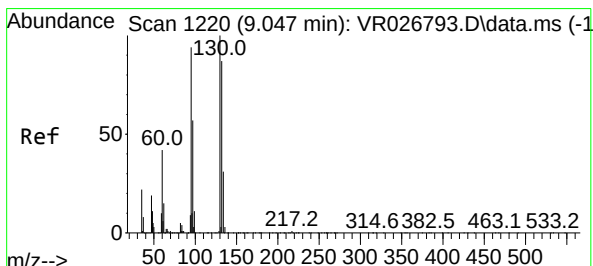
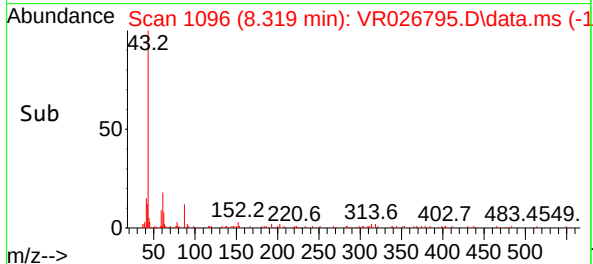
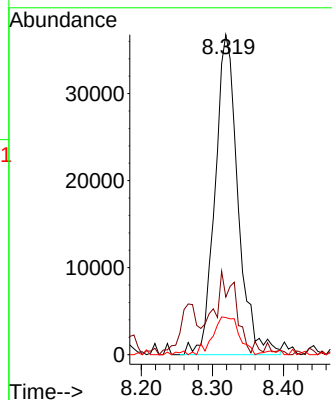
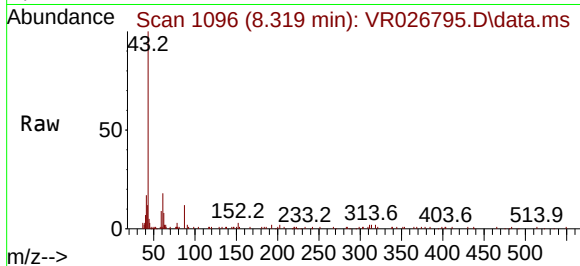




#43
Isopropyl Acetate
Concen: 70.576 ug/l
RT: 8.319 min Scan# 1096
Delta R.T. -0.006 min
Lab File: VR026795.D
Acq: 4 Dec 2025 15:12

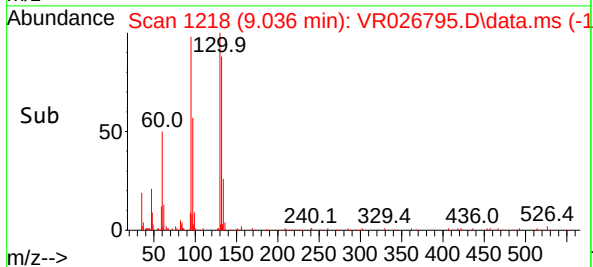
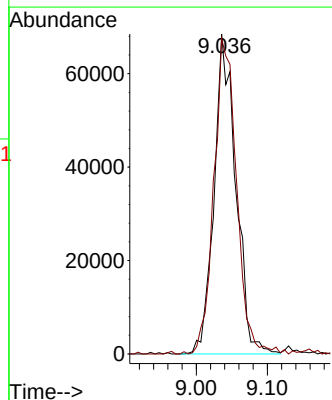
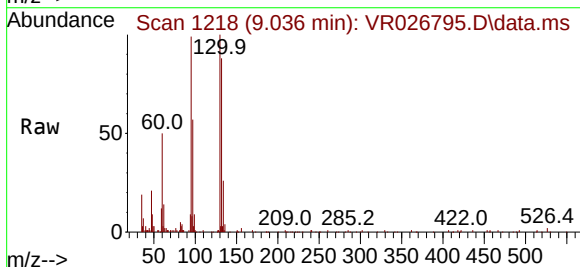
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC150

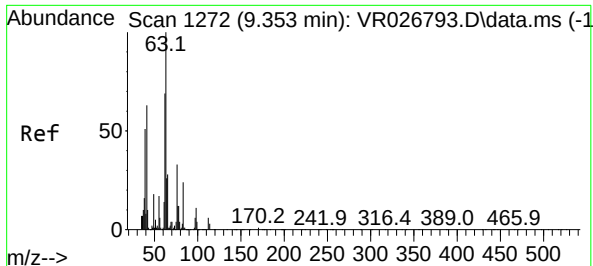
Tgt Ion: 43 Resp: 82329
Ion Ratio Lower Upper
43 100
61 24.8 17.0 25.6
87 13.6 10.5 15.7



#44
Trichloroethene
Concen: 180.100 ug/l
RT: 9.036 min Scan# 1218
Delta R.T. -0.012 min
Lab File: VR026795.D
Acq: 4 Dec 2025 15:12

Tgt Ion:130 Resp: 145598
Ion Ratio Lower Upper
130 100
95 98.6 0.0 188.0





#45

1,2-Dichloropropane

Concen: 129.170 ug/l

RT: 9.347 min Scan# 11

Delta R.T. -0.006 min

Lab File: VR026795.D

Acq: 4 Dec 2025 15:12

Instrument :

MSVOA_R

ClientSampleId :

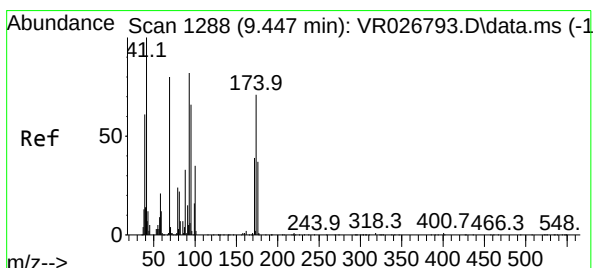
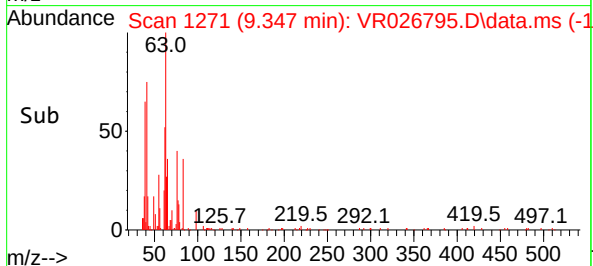
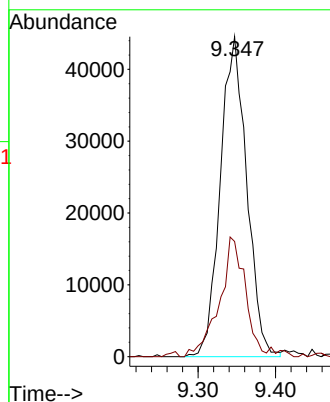
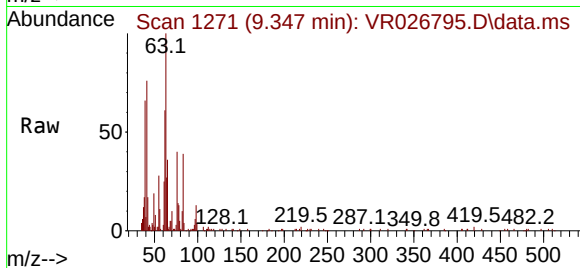
VSTDIC150

Tgt Ion: 63 Resp: 105675

Ion Ratio Lower Upper

63 100

65 36.0 22.7 34.1#



#46

Dibromomethane

Concen: 110.484 ug/l

RT: 9.453 min Scan# 1289

Delta R.T. 0.006 min

Lab File: VR026795.D

Acq: 4 Dec 2025 15:12

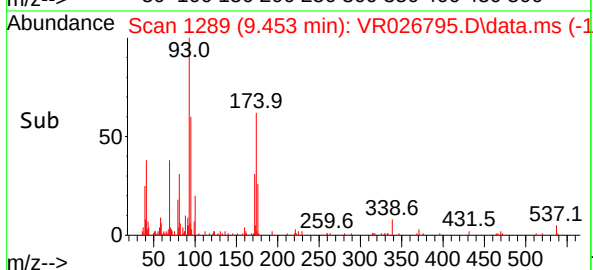
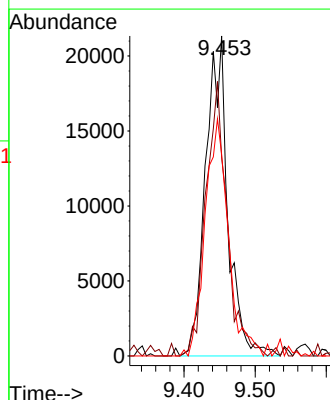
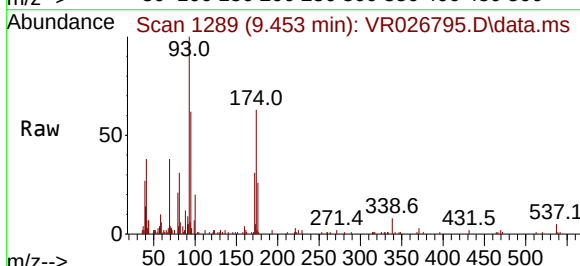
Tgt Ion: 93 Resp: 46297

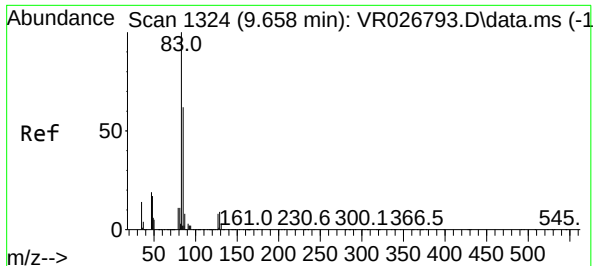
Ion Ratio Lower Upper

93 100

95 82.7 63.4 95.2

174 77.7 67.1 100.7

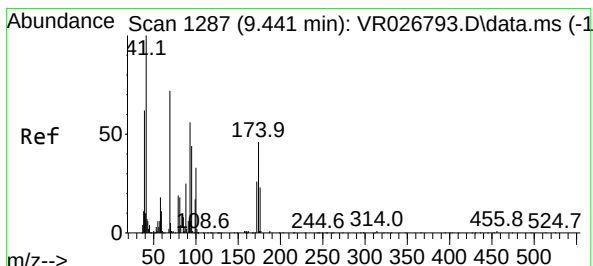
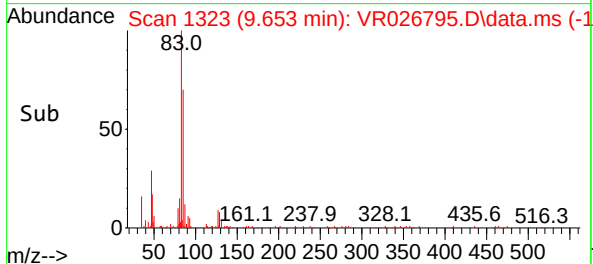
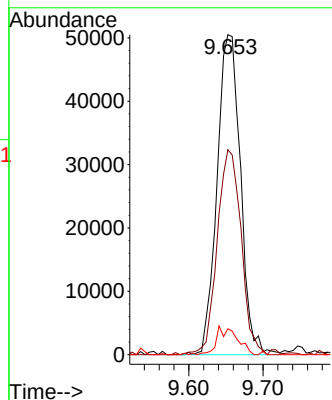
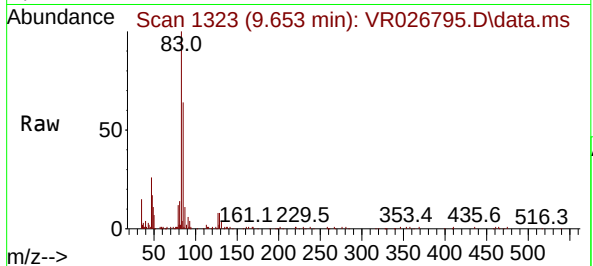




#47
Bromodichloromethane
Concen: 105.982 ug/l
RT: 9.653 min Scan# 11
Delta R.T. -0.006 min
Lab File: VR026795.D
Acq: 4 Dec 2025 15:12

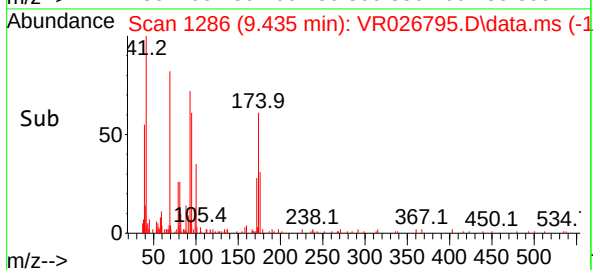
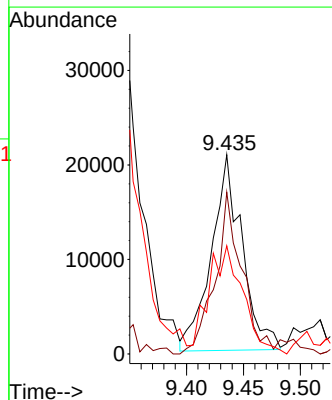
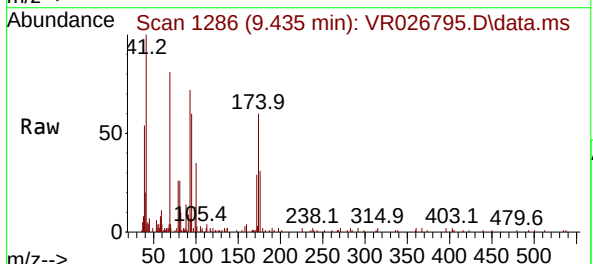
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC150

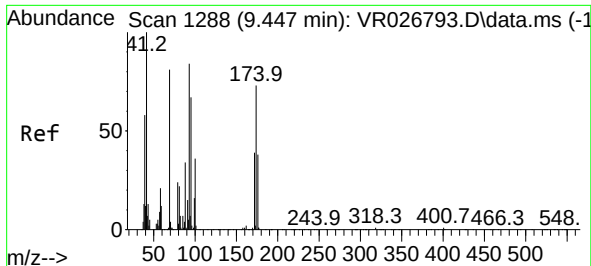
Tgt Ion: 83 Resp: 110777
Ion Ratio Lower Upper
83 100
85 64.1 49.8 74.8
127 8.1 6.5 9.7



#48
Methyl methacrylate
Concen: 67.985 ug/l
RT: 9.435 min Scan# 1286
Delta R.T. -0.006 min
Lab File: VR026795.D
Acq: 4 Dec 2025 15:12

Tgt Ion: 41 Resp: 39027
Ion Ratio Lower Upper
41 100
69 71.6 60.6 90.8
39 62.0 48.2 72.2





#49

1,4-Dioxane

Concen: 1390.984 ug/l

RT: 9.441 min Scan# 11

Delta R.T. -0.006 min

Lab File: VR026795.D

Acq: 4 Dec 2025 15:12

Instrument :

MSVOA_R

ClientSampleId :

VSTDIC150

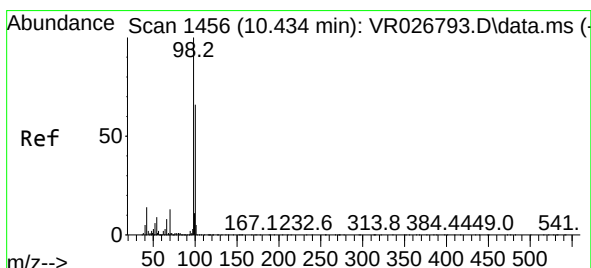
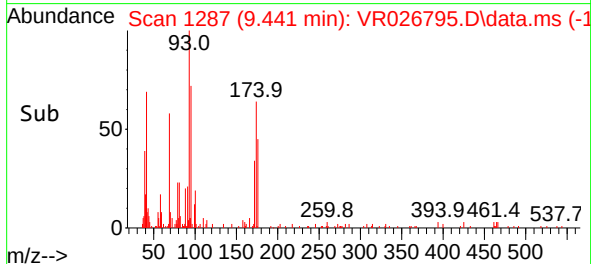
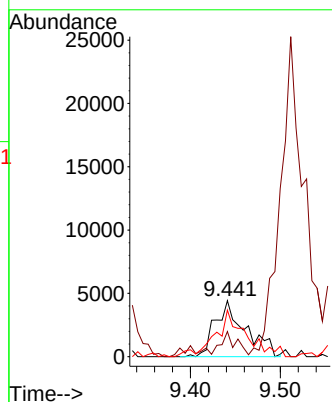
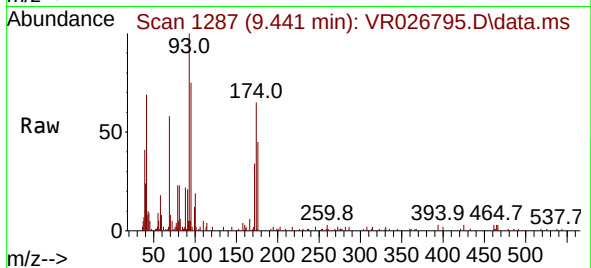
Tgt Ion: 88 Resp: 10432

Ion Ratio Lower Upper

88 100

43 21.3 14.1 21.1#

58 83.3 52.6 78.8#



#50

Toluene-d8

Concen: 134.493 ug/l

RT: 10.428 min Scan# 1455

Delta R.T. -0.006 min

Lab File: VR026795.D

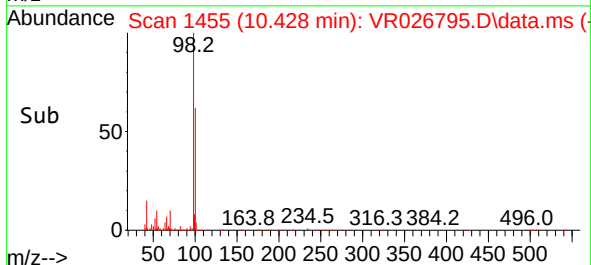
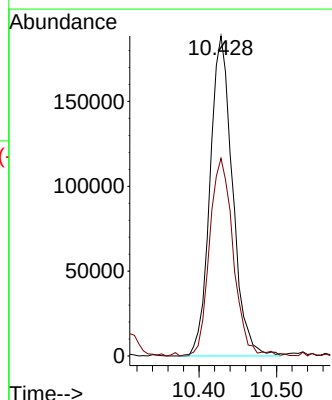
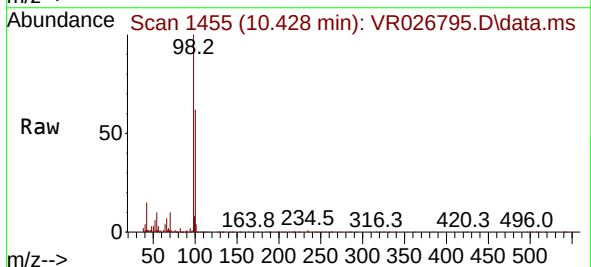
Acq: 4 Dec 2025 15:12

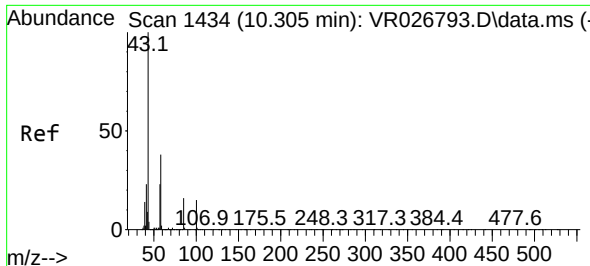
Tgt Ion: 98 Resp: 380863

Ion Ratio Lower Upper

98 100

100 65.1 53.8 80.6

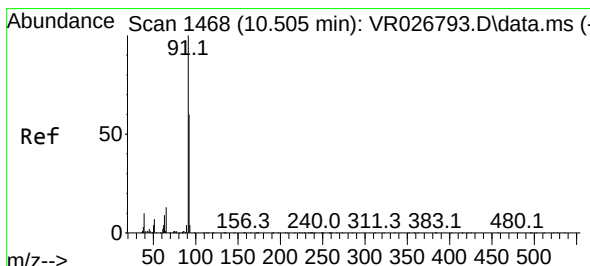
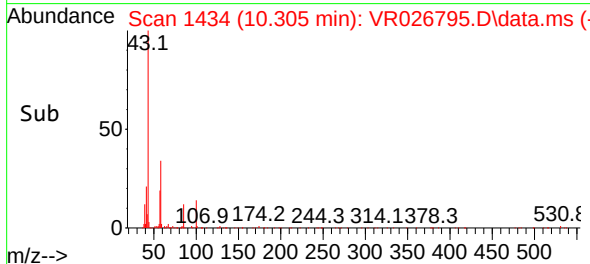
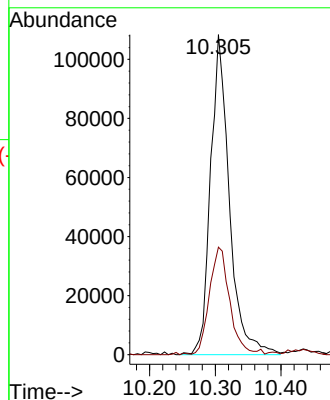
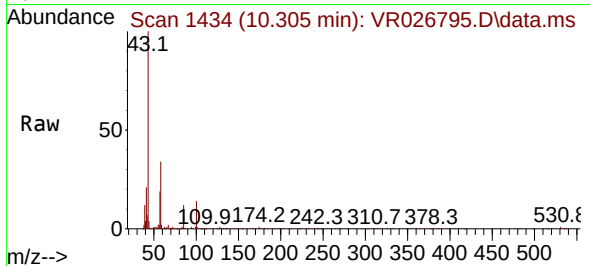




#51
4-Methyl-2-Pentanone
Concen: 348.159 ug/l
RT: 10.305 min Scan# 1434
Delta R.T. 0.000 min
Lab File: VR026795.D
Acq: 4 Dec 2025 15:12

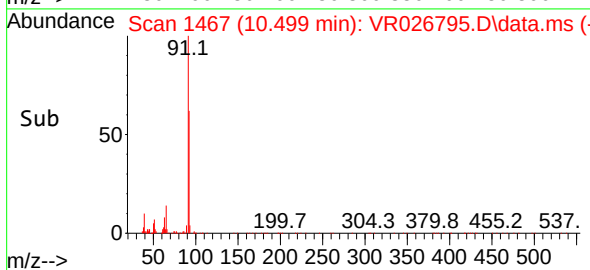
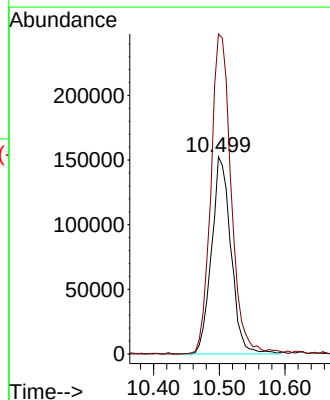
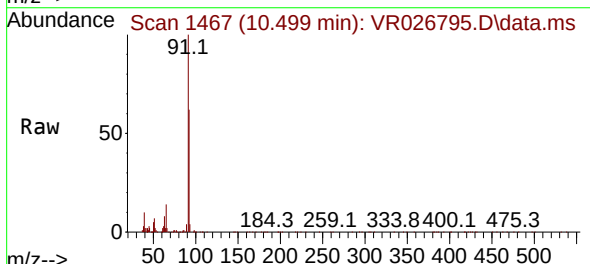
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC150

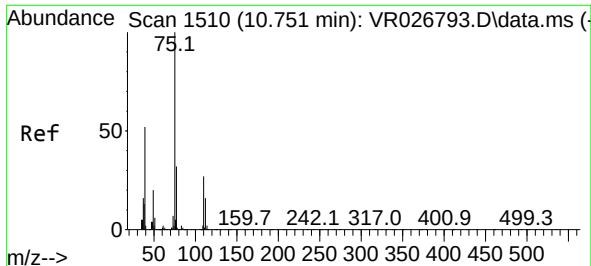
Tgt Ion: 43 Resp: 215742
Ion Ratio Lower Upper
43 100
58 35.8 31.1 46.7



#52
Toluene
Concen: 137.498 ug/l
RT: 10.499 min Scan# 1467
Delta R.T. -0.006 min
Lab File: VR026795.D
Acq: 4 Dec 2025 15:12

Tgt Ion: 92 Resp: 313255
Ion Ratio Lower Upper
92 100
91 168.5 139.7 209.5

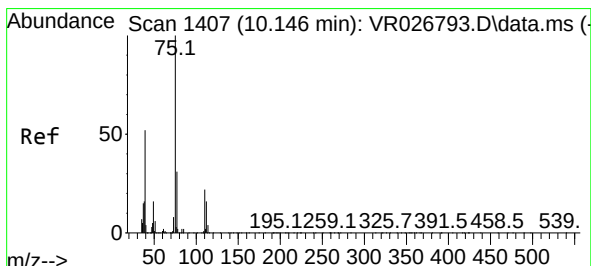
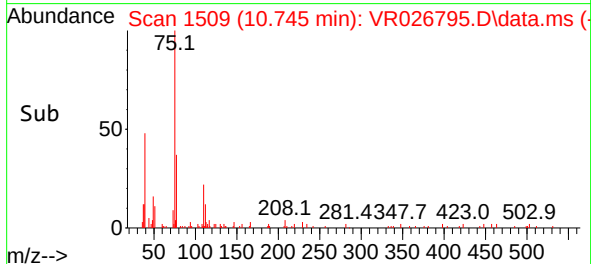
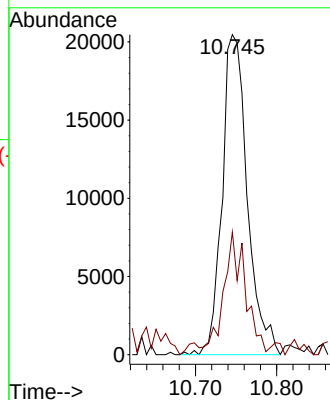
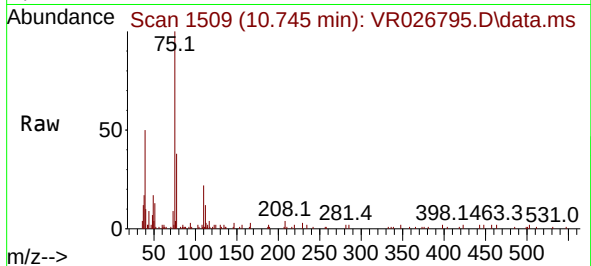




#53
t-1,3-Dichloropropene
Concen: 41.037 ug/l
RT: 10.745 min Scan# 11
Delta R.T. -0.006 min
Lab File: VR026795.D
Acq: 4 Dec 2025 15:12

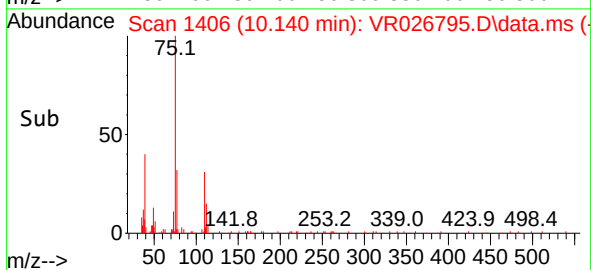
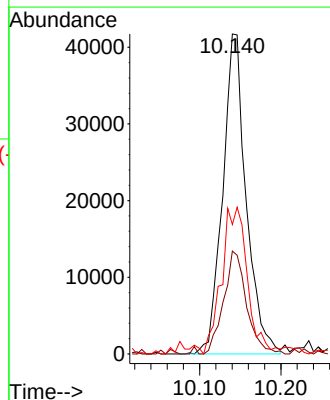
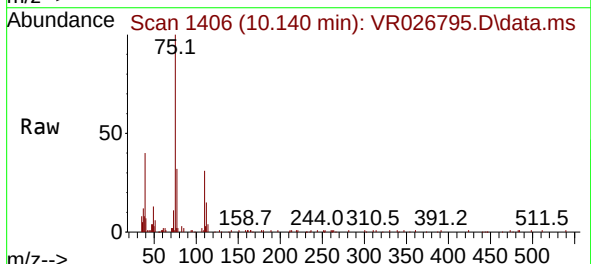
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC150

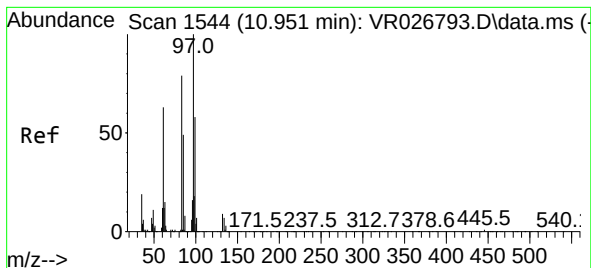
Tgt Ion: 75 Resp: 44106
Ion Ratio Lower Upper
75 100
77 38.4 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 65.352 ug/l
RT: 10.140 min Scan# 1406
Delta R.T. -0.006 min
Lab File: VR026795.D
Acq: 4 Dec 2025 15:12

Tgt Ion: 75 Resp: 83978
Ion Ratio Lower Upper
75 100
77 32.2 24.6 37.0
39 38.9 41.8 62.6#

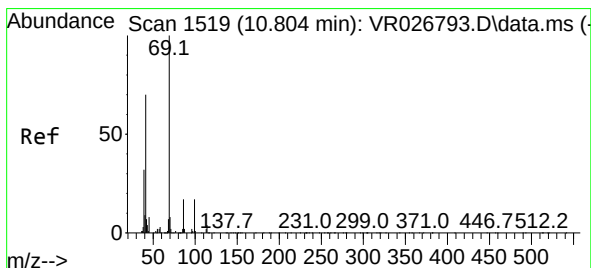
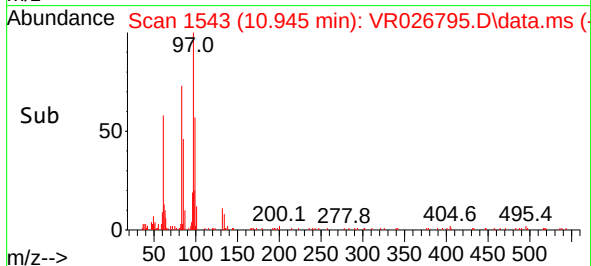
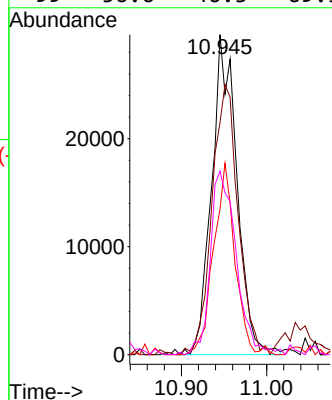
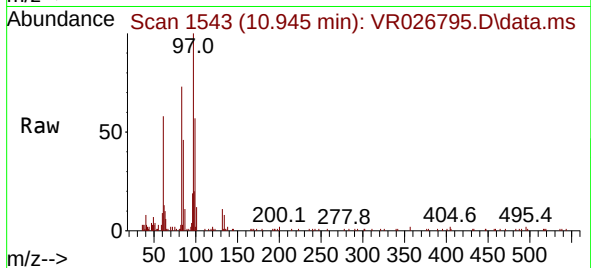




#55
1,1,2-Trichloroethane
Concen: 101.184 ug/l
RT: 10.945 min Scan# 1543
Delta R.T. -0.006 min
Lab File: VR026795.D
Acq: 4 Dec 2025 15:12

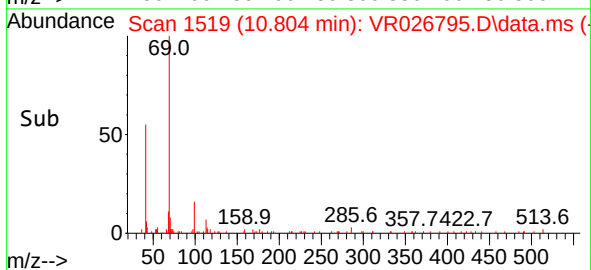
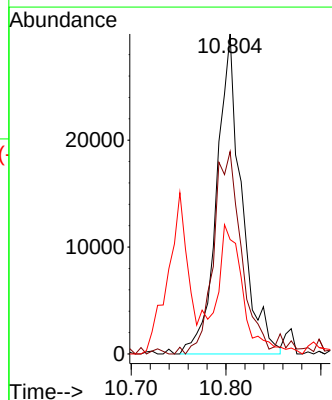
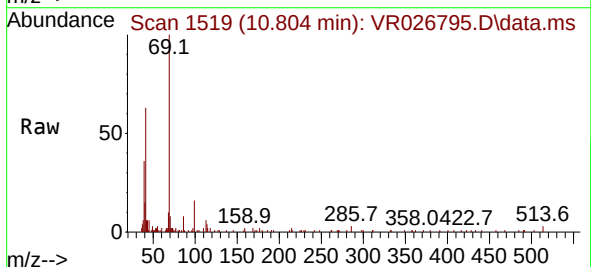
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC150

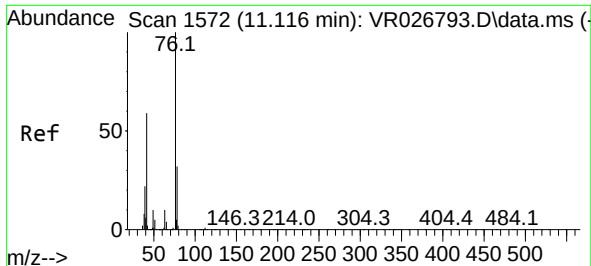
Tgt Ion:	97	Resp:	60989
Ion	Ratio	Lower	Upper
97	100		
83	72.6	63.4	95.2
85	45.6	39.2	58.8
99	56.6	46.3	69.5



#56
Ethyl methacrylate
Concen: 61.219 ug/l
RT: 10.804 min Scan# 1519
Delta R.T. 0.000 min
Lab File: VR026795.D
Acq: 4 Dec 2025 15:12

Tgt Ion:	69	Resp:	54601
Ion	Ratio	Lower	Upper
69	100		
41	70.9	55.3	82.9
39	39.6	33.7	50.5





#57

1,3-Dichloropropane

Concen: 77.236 ug/l

RT: 11.116 min Scan# 11

Delta R.T. 0.000 min

Lab File: VR026795.D

Acq: 4 Dec 2025 15:12

Instrument :

MSVOA_R

ClientSampleId :

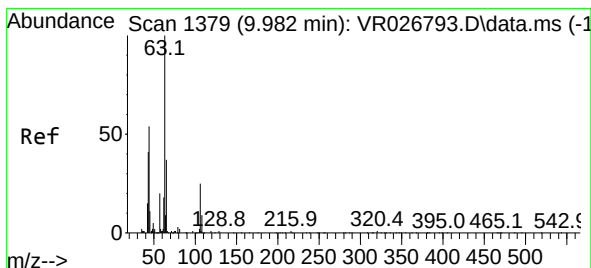
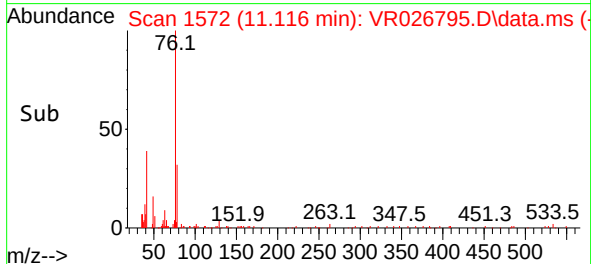
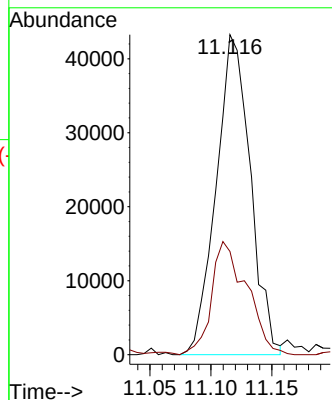
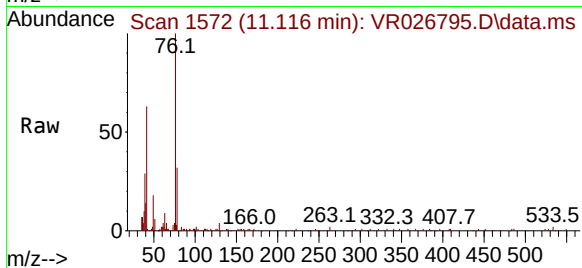
VSTDIC150

Tgt Ion: 76 Resp: 84457

Ion Ratio Lower Upper

76 100

78 36.4 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 151.145 ug/l m

RT: 9.993 min Scan# 1381

Delta R.T. 0.012 min

Lab File: VR026795.D

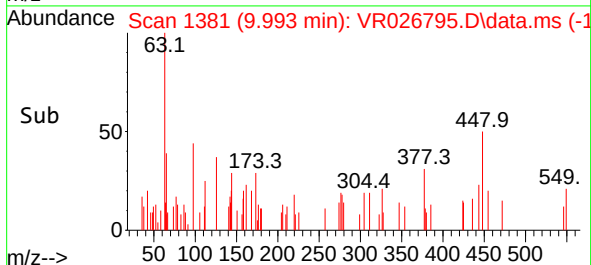
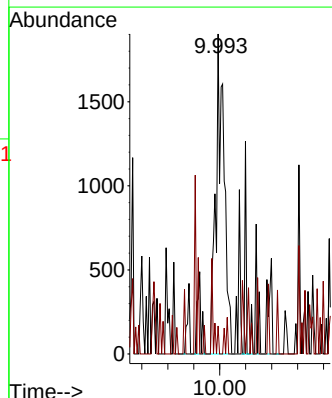
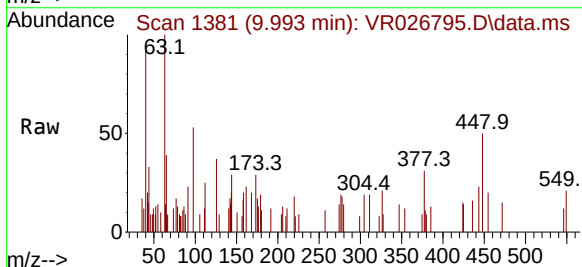
Acq: 4 Dec 2025 15:12

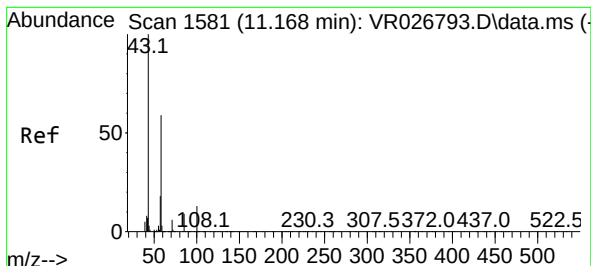
Tgt Ion: 63 Resp: 6956

Ion Ratio Lower Upper

63 100

106 2.3 23.7 35.5#

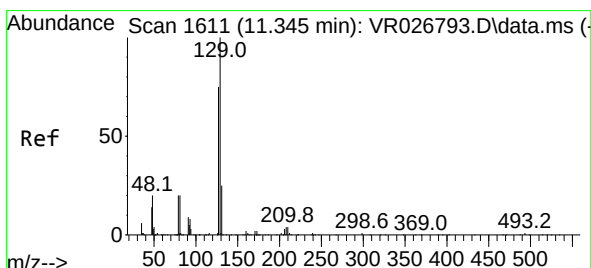
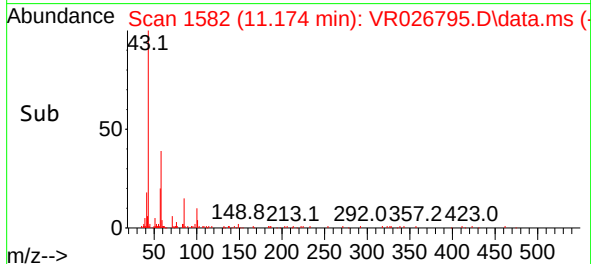
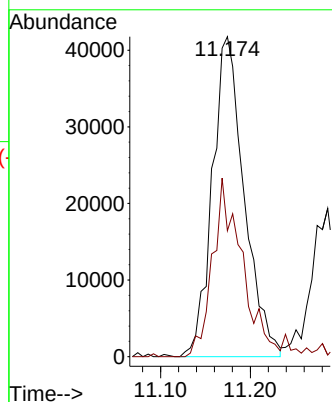
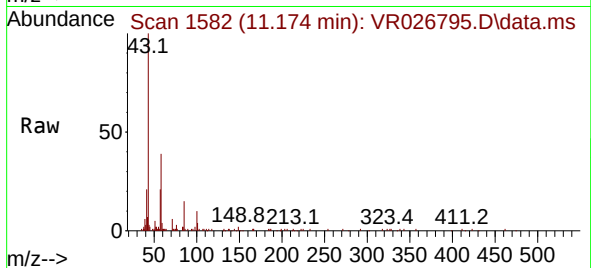




#59
2-Hexanone
Concen: 187.119 ug/l
RT: 11.174 min Scan# 11
Delta R.T. 0.006 min
Lab File: VR026795.D
Acq: 4 Dec 2025 15:12

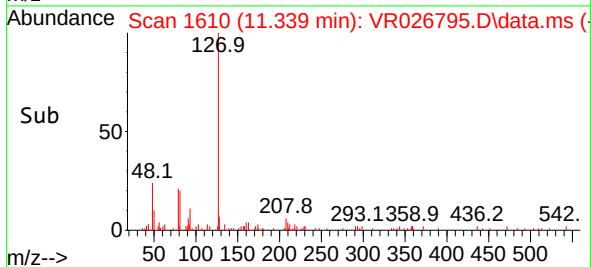
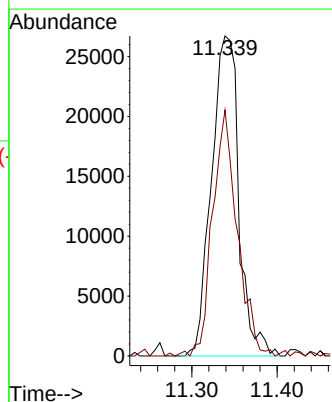
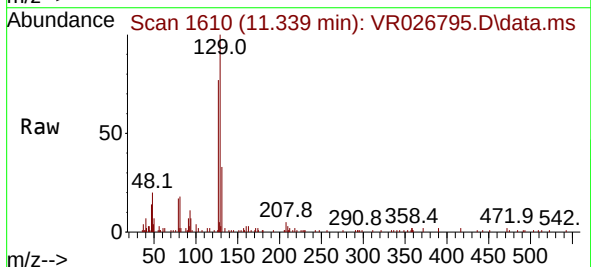
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC150

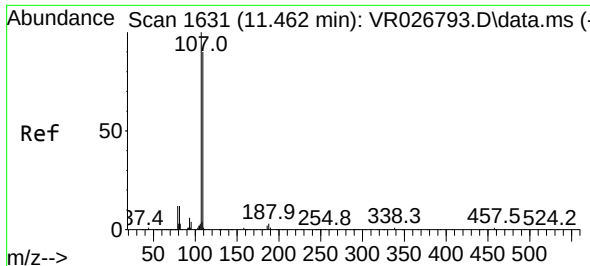
Tgt Ion: 43 Resp: 102842
Ion Ratio Lower Upper
43 100
58 51.4 27.1 81.2



#60
Dibromochloromethane
Concen: 91.626 ug/l
RT: 11.339 min Scan# 1610
Delta R.T. -0.006 min
Lab File: VR026795.D
Acq: 4 Dec 2025 15:12

Tgt Ion:129 Resp: 59707
Ion Ratio Lower Upper
129 100
127 69.5 40.6 121.8

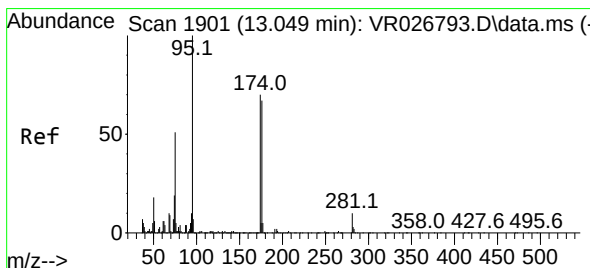
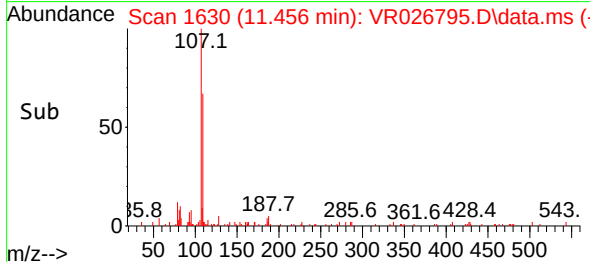
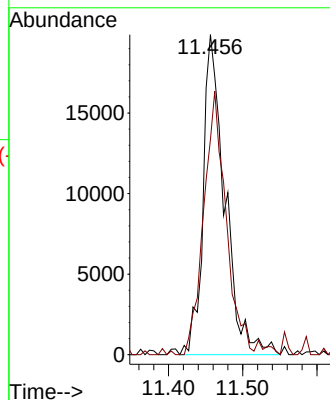
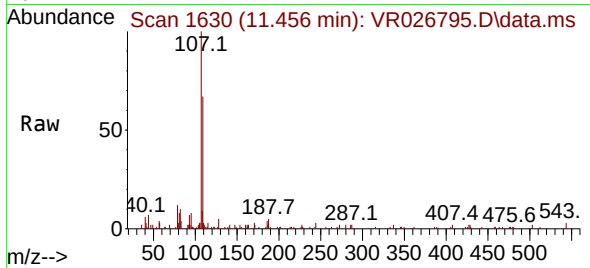




#61
1,2-Dibromoethane
Concen: 71.252 ug/l
RT: 11.456 min Scan# 1
Delta R.T. -0.006 min
Lab File: VR026795.D
Acq: 4 Dec 2025 15:12

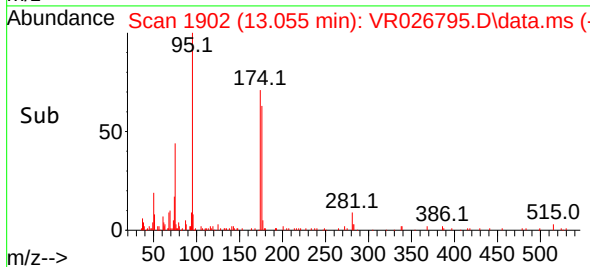
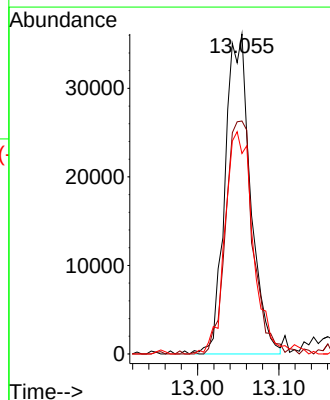
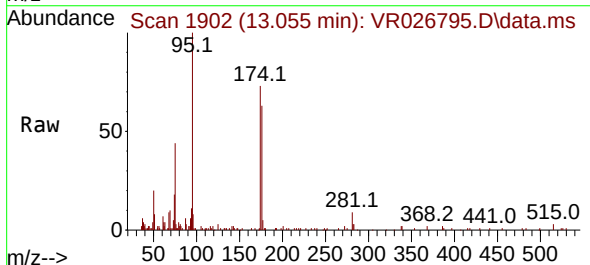
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC150

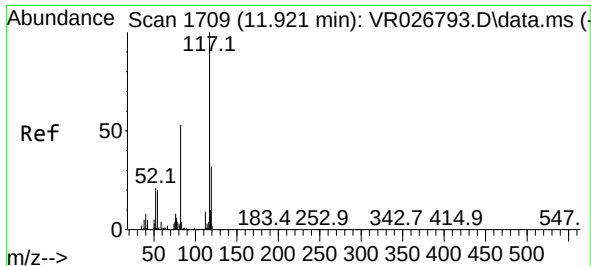
Tgt Ion:107 Resp: 40441
Ion Ratio Lower Upper
107 100
109 84.5 76.7 115.1



#62
4-Bromofluorobenzene
Concen: 72.472 ug/l
RT: 13.055 min Scan# 1902
Delta R.T. 0.006 min
Lab File: VR026795.D
Acq: 4 Dec 2025 15:12

Tgt Ion: 95 Resp: 78877
Ion Ratio Lower Upper
95 100
174 78.3 0.0 145.6
176 76.2 0.0 140.6

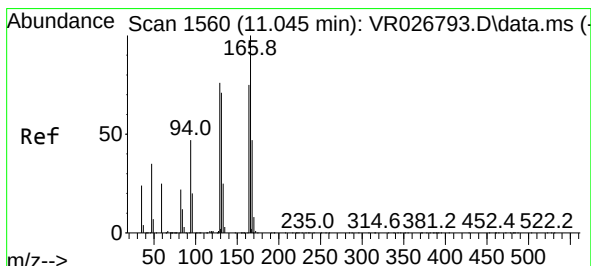
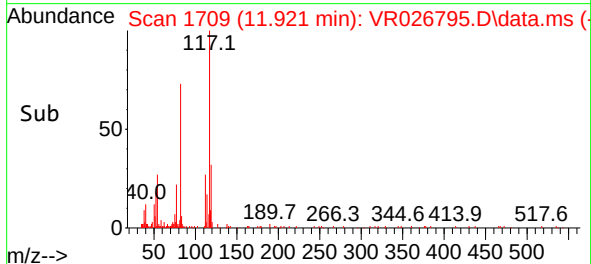
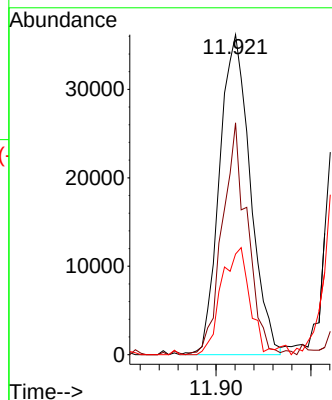
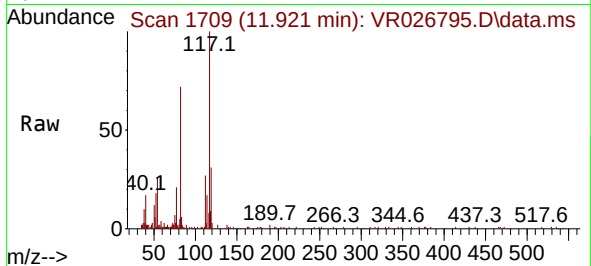




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.921 min Scan# 11
Delta R.T. 0.000 min
Lab File: VR026795.D
Acq: 4 Dec 2025 15:12

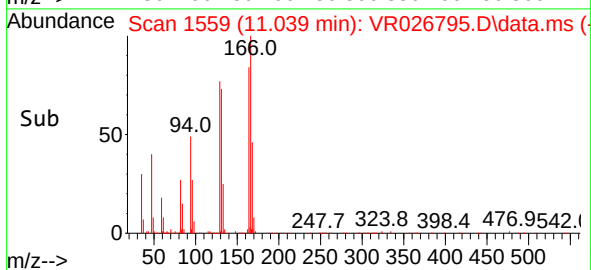
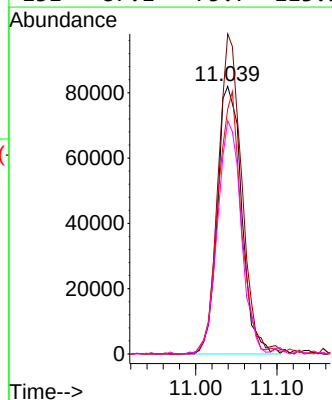
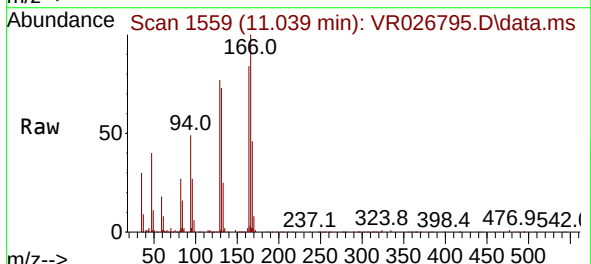
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC150

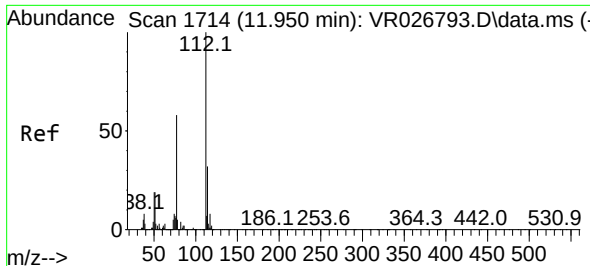
Tgt Ion:117 Resp: 81427
Ion Ratio Lower Upper
117 100
82 72.6 42.3 63.5#
119 31.7 25.8 38.6



#64
Tetrachloroethene
Concen: 301.835 ug/l
RT: 11.039 min Scan# 1559
Delta R.T. -0.006 min
Lab File: VR026795.D
Acq: 4 Dec 2025 15:12

Tgt Ion:164 Resp: 170175
Ion Ratio Lower Upper
164 100
166 119.5 106.5 159.7
129 91.5 81.1 121.7
131 87.1 75.7 113.5

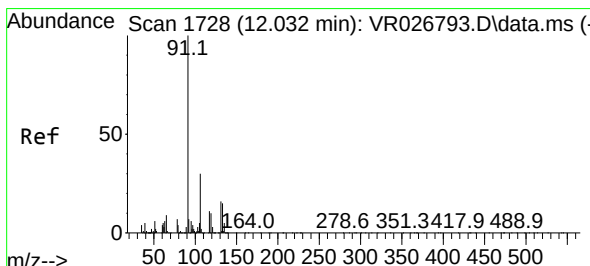
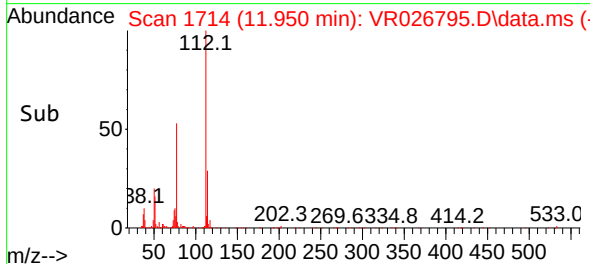
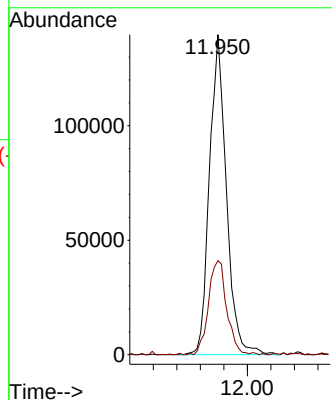
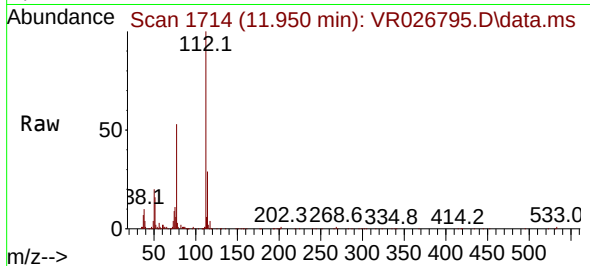




#65
Chlorobenzene
Concen: 139.984 ug/l
RT: 11.950 min Scan# 1714
Delta R.T. 0.000 min
Lab File: VR026795.D
Acq: 4 Dec 2025 15:12

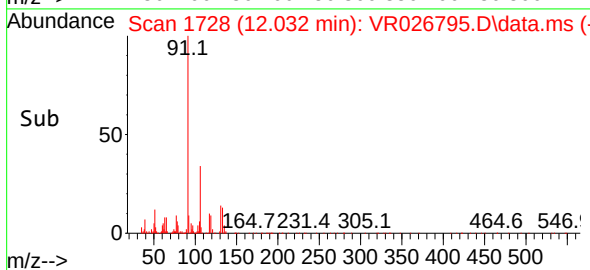
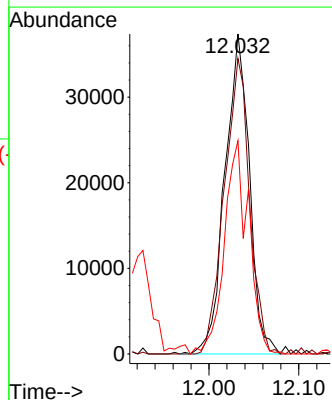
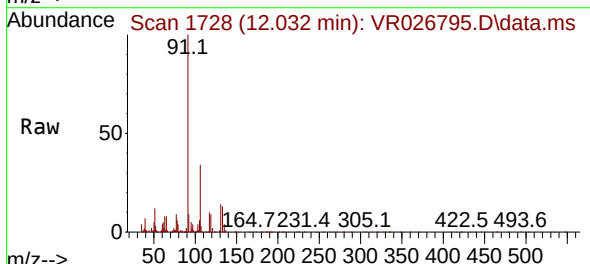
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC150

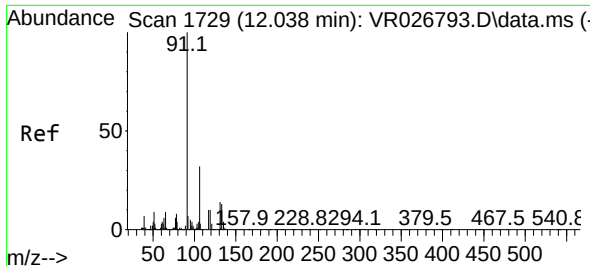
Tgt Ion:112 Resp: 278908
Ion Ratio Lower Upper
112 100
114 29.2 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 130.109 ug/l
RT: 12.032 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VR026795.D
Acq: 4 Dec 2025 15:12

Tgt Ion:131 Resp: 70788
Ion Ratio Lower Upper
131 100
133 94.8 47.0 141.2
119 65.9 34.9 104.7

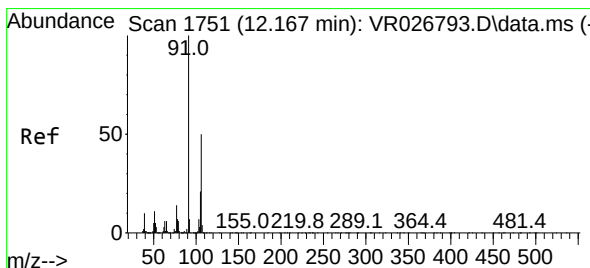
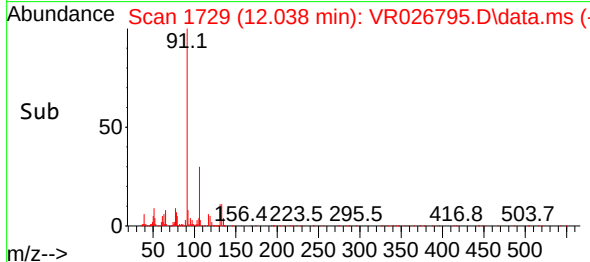
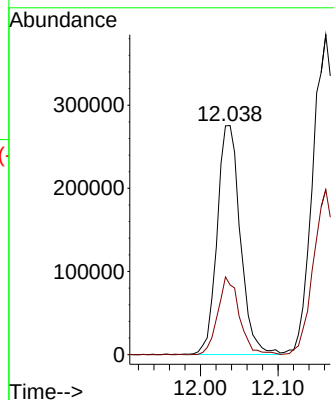
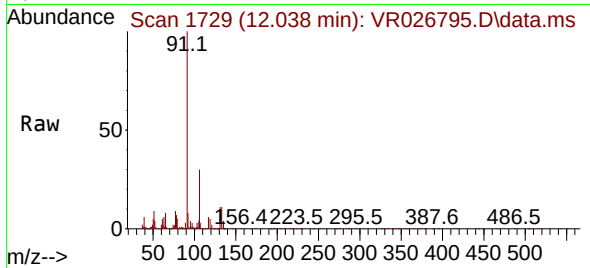




#67
Ethyl Benzene
Concen: 159.669 ug/l
RT: 12.038 min Scan# 1729
Delta R.T. 0.000 min
Lab File: VR026795.D
Acq: 4 Dec 2025 15:12

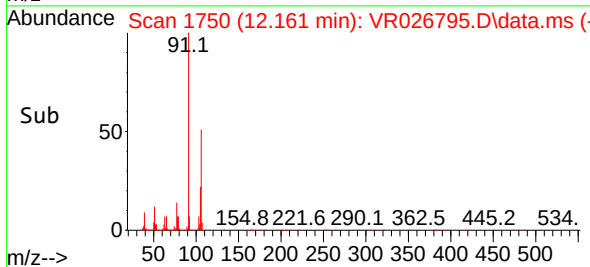
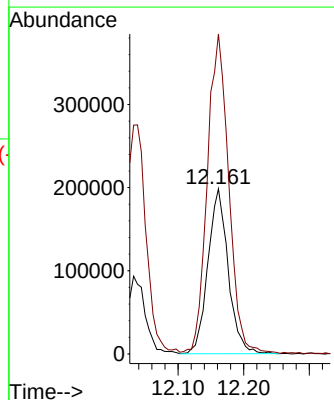
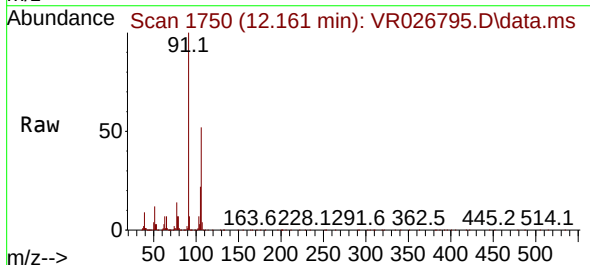
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC150

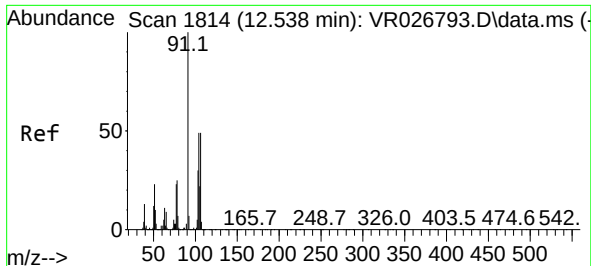
Tgt Ion: 91 Resp: 572191
Ion Ratio Lower Upper
91 100
106 30.3 25.2 37.8



#68
m/p-Xylenes
Concen: 304.588 ug/l
RT: 12.161 min Scan# 1750
Delta R.T. -0.006 min
Lab File: VR026795.D
Acq: 4 Dec 2025 15:12

Tgt Ion:106 Resp: 427078
Ion Ratio Lower Upper
106 100
91 203.8 159.2 238.8

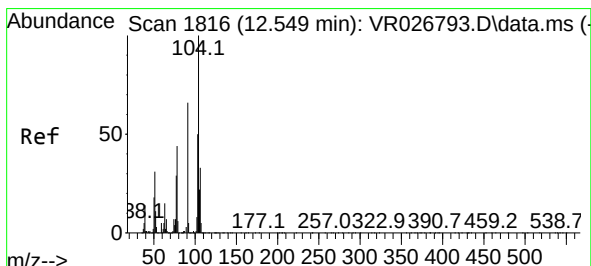
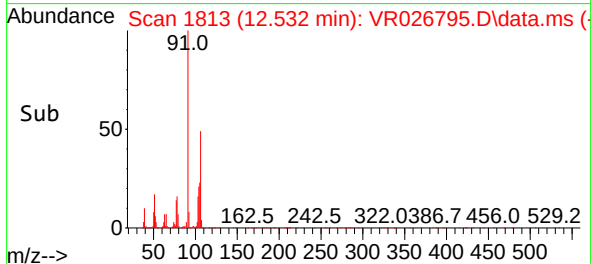
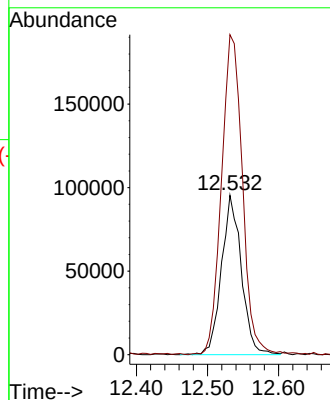
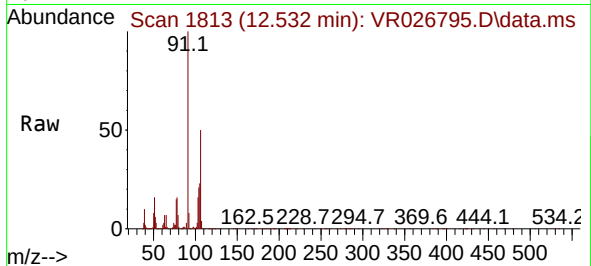




#69
o-Xylene
Concen: 137.422 ug/l
RT: 12.532 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VR026795.D
Acq: 4 Dec 2025 15:12

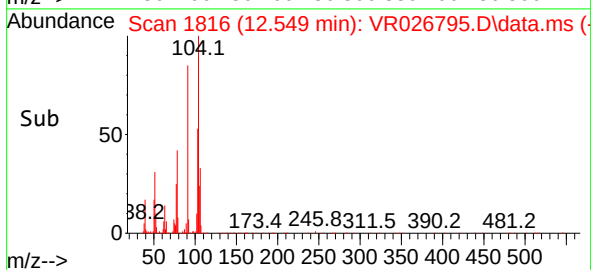
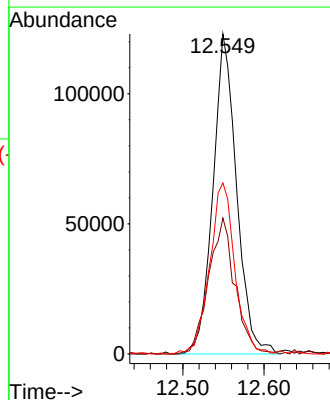
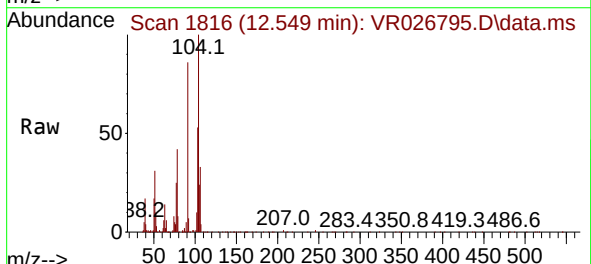
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC150

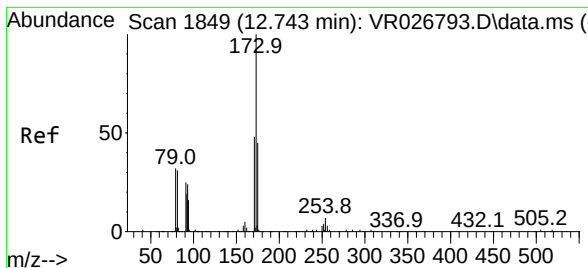
Tgt Ion:106 Resp: 185324
Ion Ratio Lower Upper
106 100
91 211.7 102.5 307.4



#70
Styrene
Concen: 107.697 ug/l
RT: 12.549 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VR026795.D
Acq: 4 Dec 2025 15:12

Tgt Ion:104 Resp: 248807
Ion Ratio Lower Upper
104 100
78 47.1 37.8 56.8
103 56.7 43.3 64.9





#71

Bromoform

Concen: 73.491 ug/l

RT: 12.737 min Scan# 1848

Delta R.T. -0.006 min

Lab File: VR026795.D

Acq: 4 Dec 2025 15:12

Instrument :

MSVOA_R

ClientSampleId :

VSTDIC150

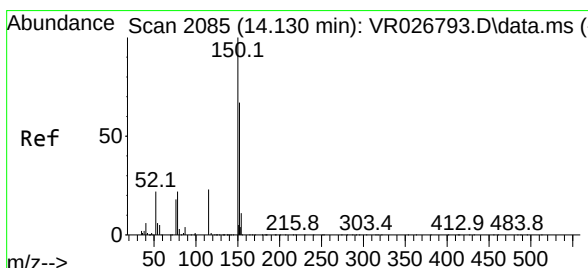
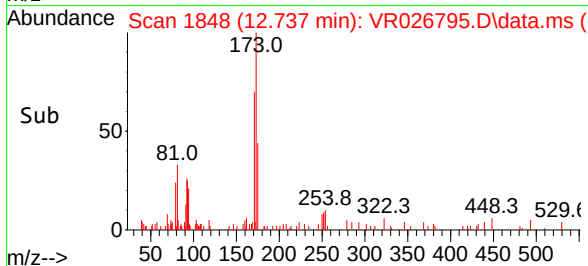
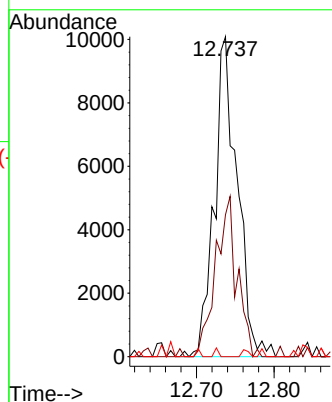
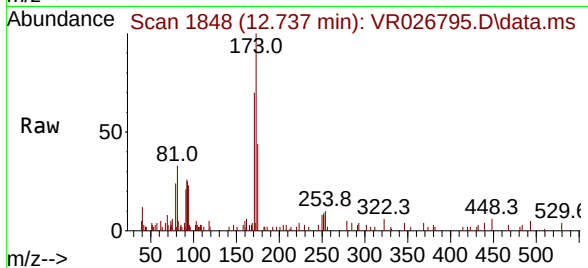
Tgt Ion:173 Resp: 20647

Ion Ratio Lower Upper

173 100

175 47.0 24.9 74.8

254 0.5 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.118 min Scan# 2083

Delta R.T. -0.012 min

Lab File: VR026795.D

Acq: 4 Dec 2025 15:12

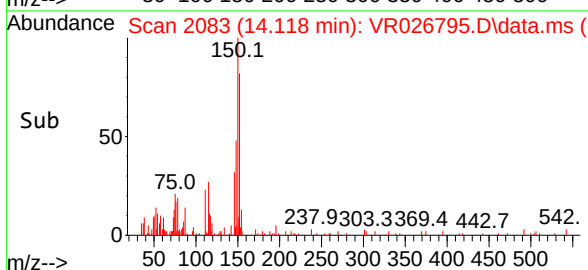
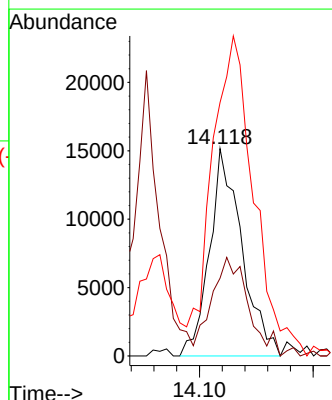
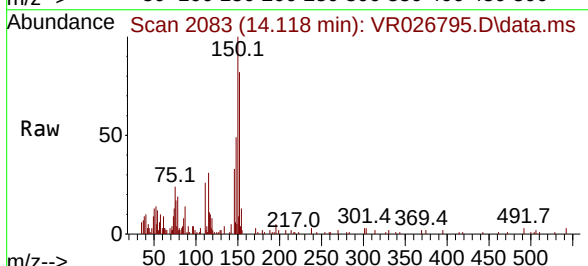
Tgt Ion:152 Resp: 29850

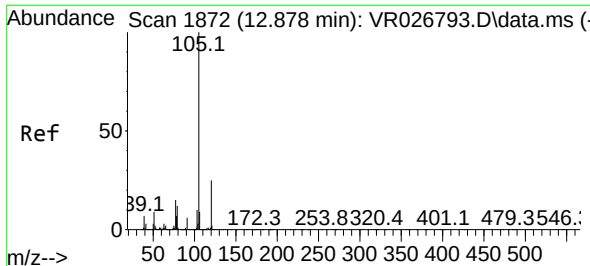
Ion Ratio Lower Upper

152 100

115 49.5 29.0 87.1

150 199.2 0.0 345.6

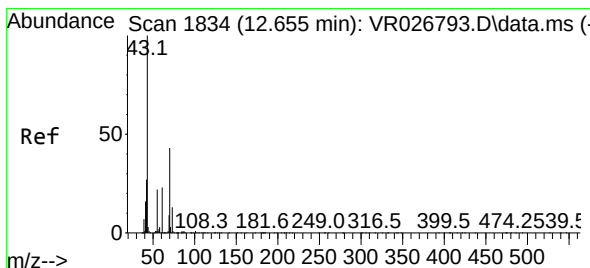
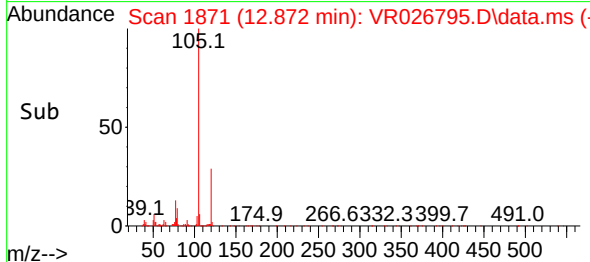
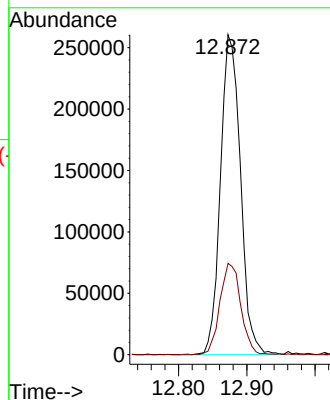
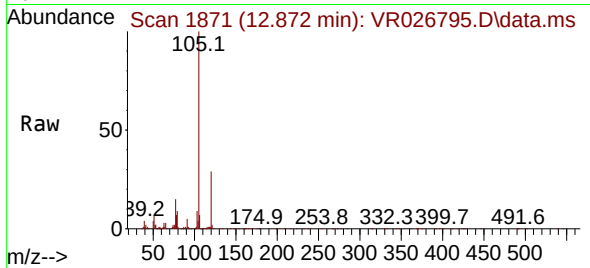




#73
Isopropylbenzene
Concen: 257.735 ug/l
RT: 12.872 min Scan# 1871
Delta R.T. -0.006 min
Lab File: VR026795.D
Acq: 4 Dec 2025 15:12

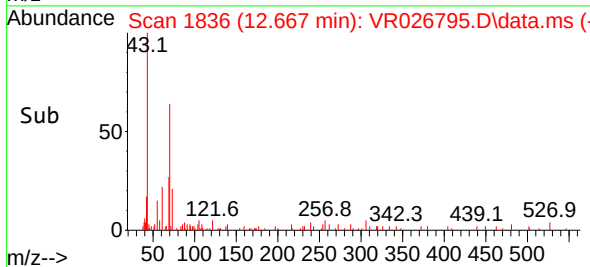
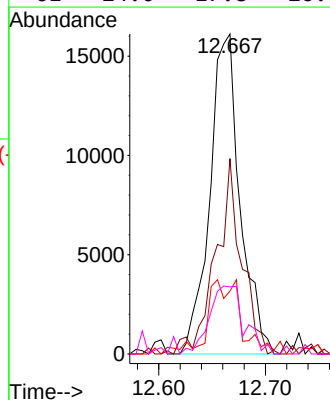
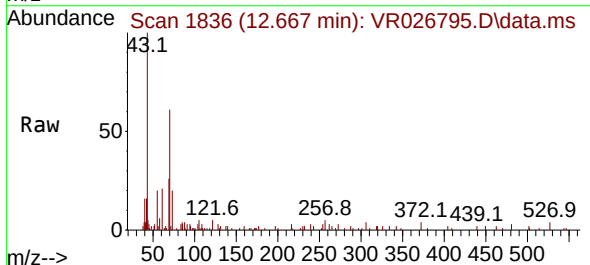
Instrument : MSVOA_R
ClientSampleId : VSTDIC150

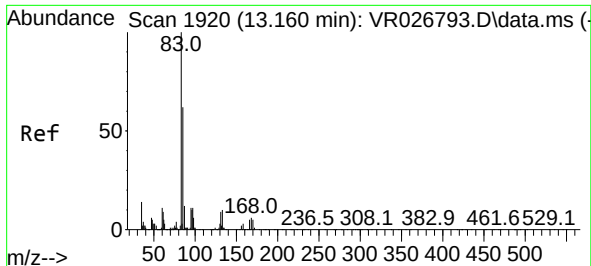
Tgt Ion:105 Resp: 531743
Ion Ratio Lower Upper
105 100
120 29.9 13.4 40.1



#74
N-ethyl acetate
Concen: 56.427 ug/l
RT: 12.667 min Scan# 1836
Delta R.T. 0.012 min
Lab File: VR026795.D
Acq: 4 Dec 2025 15:12

Tgt Ion: 43 Resp: 31866
Ion Ratio Lower Upper
43 100
70 52.0 32.6 49.0#
55 24.1 17.8 26.8
61 24.0 17.8 26.8

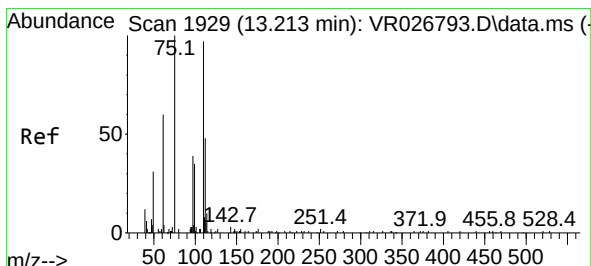
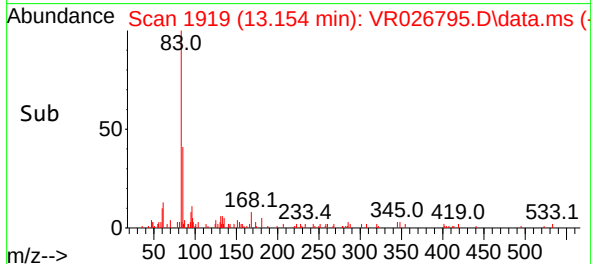
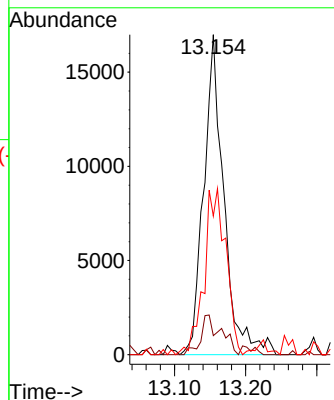
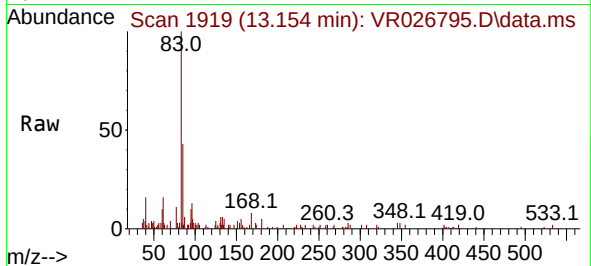




#75
1,1,2,2-Tetrachloroethane
Concen: 96.629 ug/l
RT: 13.154 min Scan# 1919
Delta R.T. -0.006 min
Lab File: VR026795.D
Acq: 4 Dec 2025 15:12

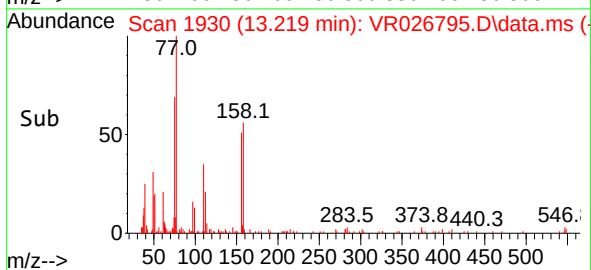
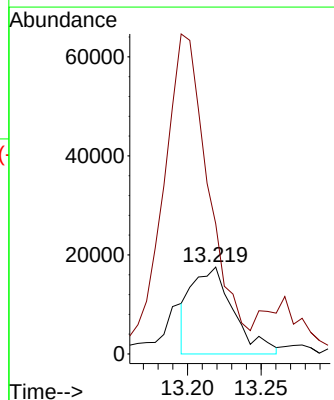
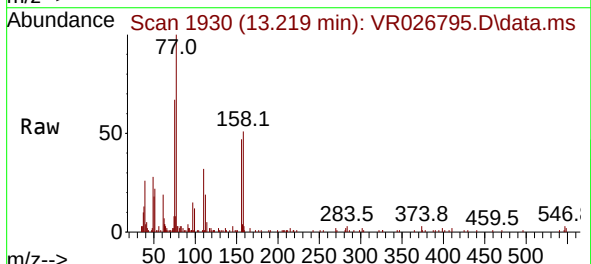
Instrument :
MSVOA_R
ClientSampleId :
VSTDICC150

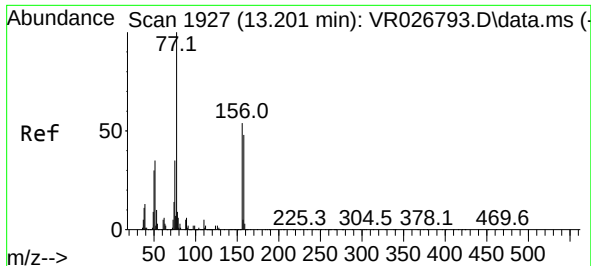
Tgt Ion: 83 Resp: 33677
Ion Ratio Lower Upper
83 100
131 8.5 4.5 13.5
85 55.6 31.1 93.2



#76
1,2,3-Trichloropropane
Concen: 78.153 ug/l m
RT: 13.219 min Scan# 1930
Delta R.T. 0.006 min
Lab File: VR026795.D
Acq: 4 Dec 2025 15:12

Tgt Ion: 75 Resp: 34696
Ion Ratio Lower Upper
75 100
77 0.0 132.3 397.0#

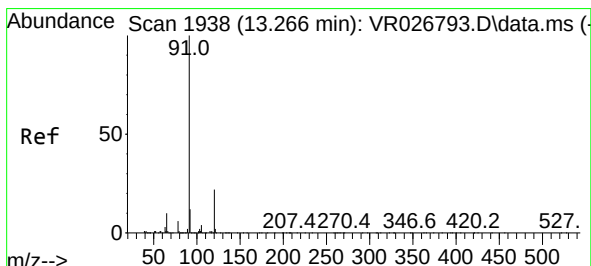
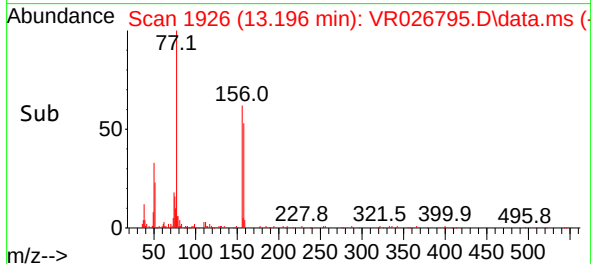
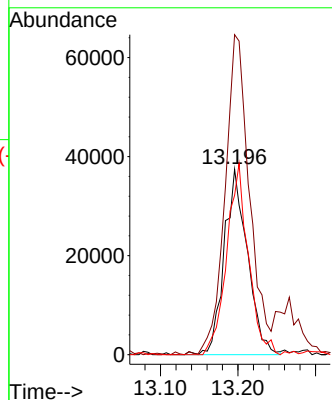
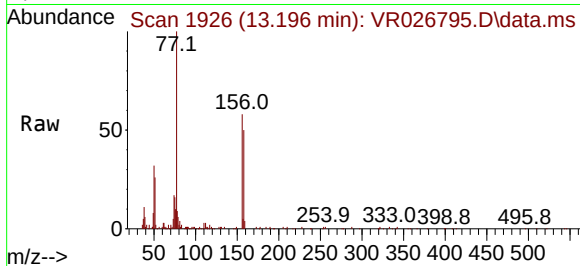




#77
Bromobenzene
Concen: 177.620 ug/l
RT: 13.196 min Scan# 1926
Delta R.T. -0.006 min
Lab File: VR026795.D
Acq: 4 Dec 2025 15:12

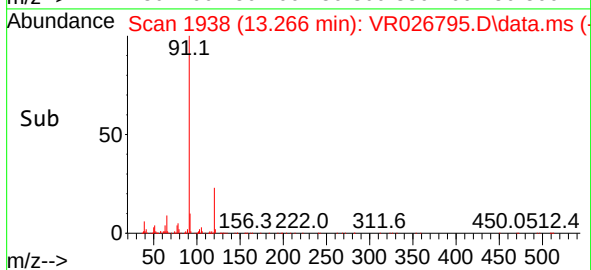
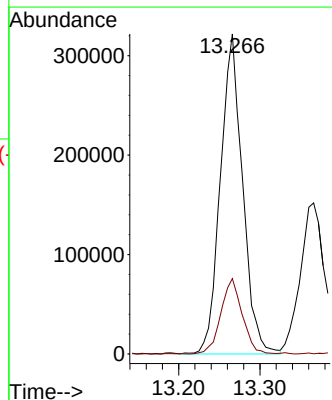
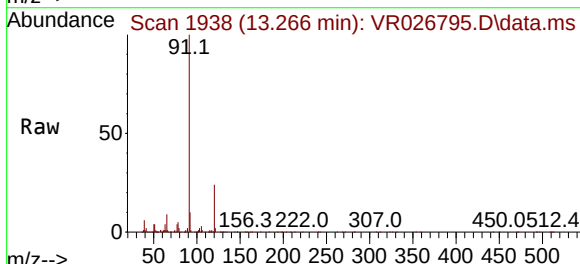
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC150

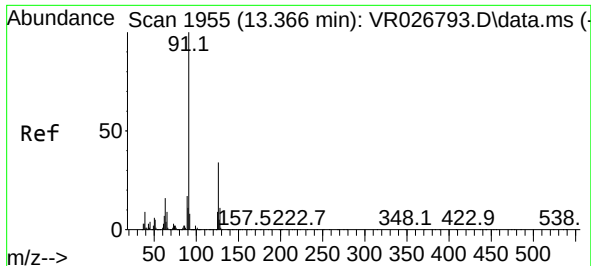
Tgt Ion:156 Resp: 78373
Ion Ratio Lower Upper
156 100
77 181.4 102.8 308.5
158 96.0 47.4 142.2



#78
n-propylbenzene
Concen: 230.121 ug/l
RT: 13.266 min Scan# 1938
Delta R.T. 0.000 min
Lab File: VR026795.D
Acq: 4 Dec 2025 15:12

Tgt Ion: 91 Resp: 611534
Ion Ratio Lower Upper
91 100
120 22.6 11.1 33.1

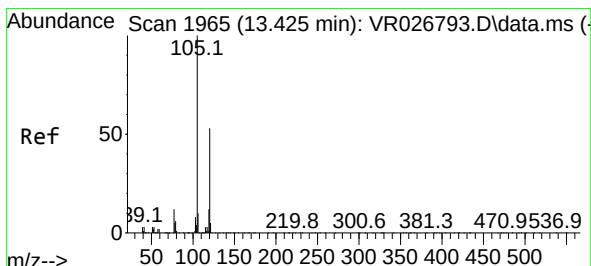
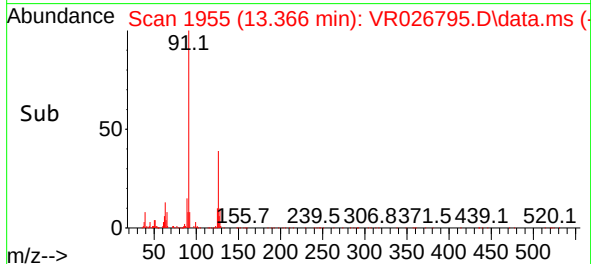
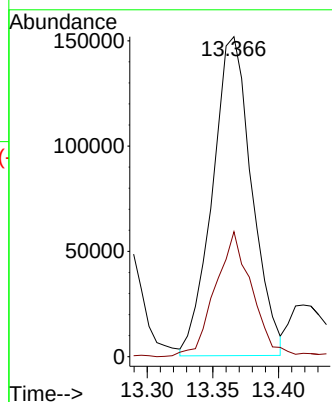
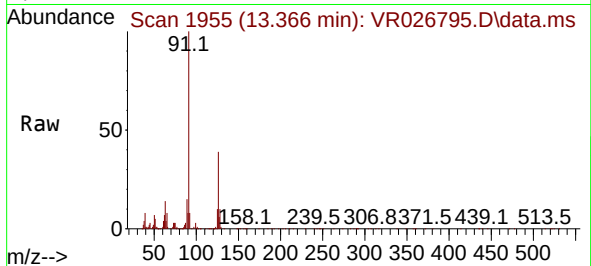




#79
2-Chlorotoluene
Concen: 219.946 ug/l
RT: 13.366 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VR026795.D
Acq: 4 Dec 2025 15:12

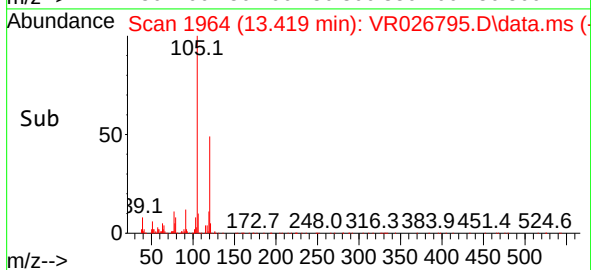
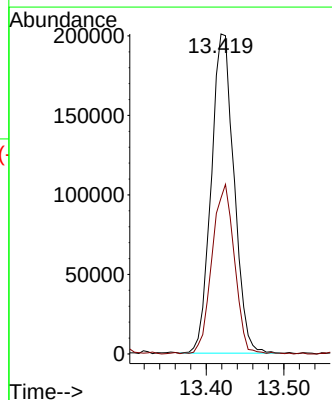
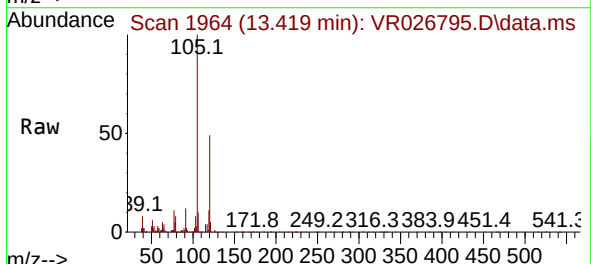
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC150

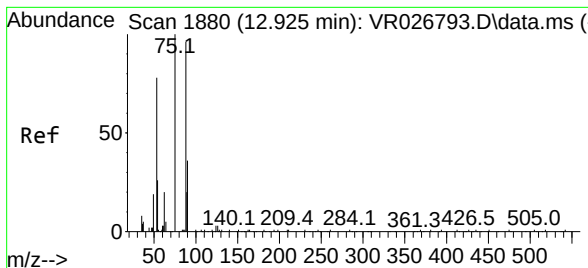
Tgt Ion: 91 Resp: 316150
Ion Ratio Lower Upper
91 100
126 36.8 17.3 52.0



#80
1,3,5-Trimethylbenzene
Concen: 227.736 ug/l
RT: 13.419 min Scan# 1964
Delta R.T. -0.006 min
Lab File: VR026795.D
Acq: 4 Dec 2025 15:12

Tgt Ion: 105 Resp: 410394
Ion Ratio Lower Upper
105 100
120 52.4 25.2 75.6

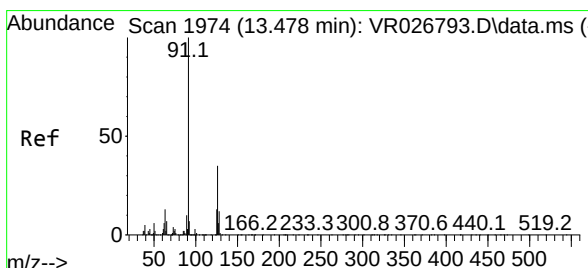
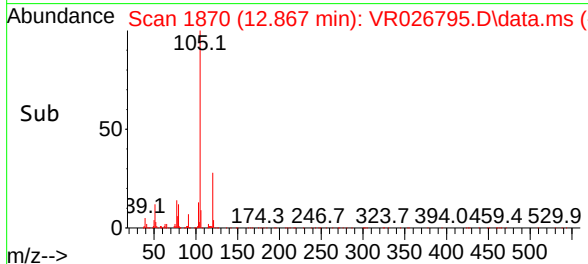
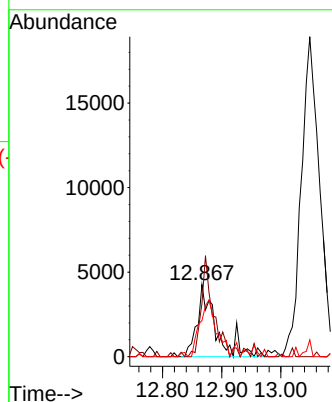
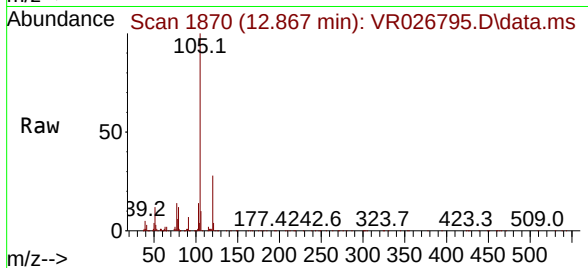




#81
trans-1,4-Dichloro-2-butene
Concen: 82.021 ug/l m
RT: 12.867 min Scan# 1880
Delta R.T. -0.059 min
Lab File: VR026795.D
Acq: 4 Dec 2025 15:12

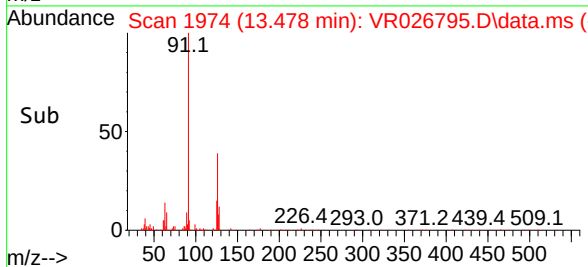
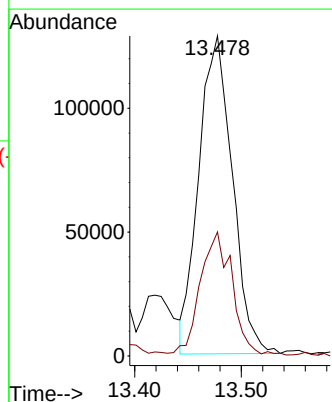
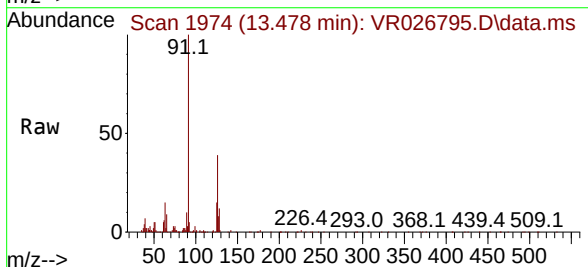
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC150

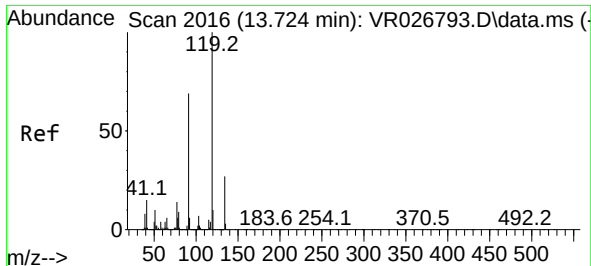
Tgt Ion: 75 Resp: 9797
Ion Ratio Lower Upper
75 100
53 82.8 74.3 111.5
89 66.8 35.9 53.9#



#82
4-Chlorotoluene
Concen: 179.553 ug/l
RT: 13.478 min Scan# 1974
Delta R.T. 0.000 min
Lab File: VR026795.D
Acq: 4 Dec 2025 15:12

Tgt Ion: 91 Resp: 280414
Ion Ratio Lower Upper
91 100
126 36.9 16.7 50.0

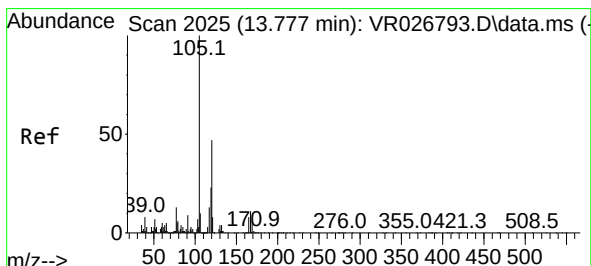
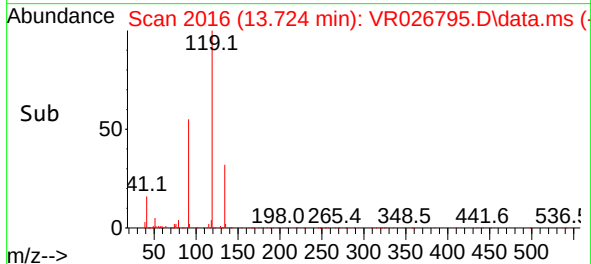
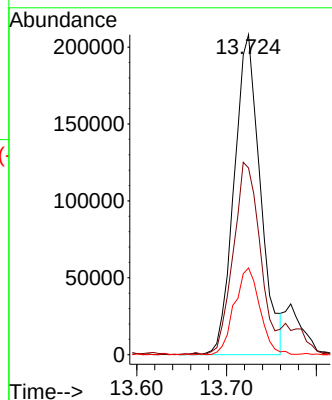
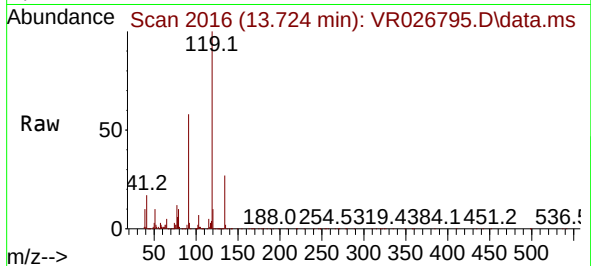




#83
 tert-Butylbenzene
 Concen: 259.427 ug/l
 RT: 13.724 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VR026795.D
 Acq: 4 Dec 2025 15:12

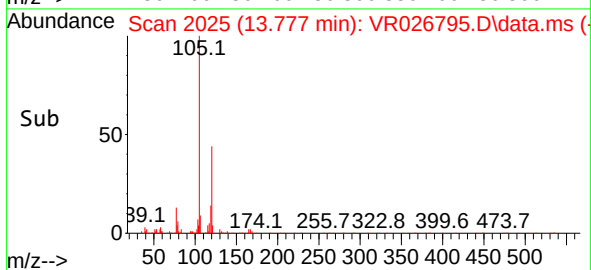
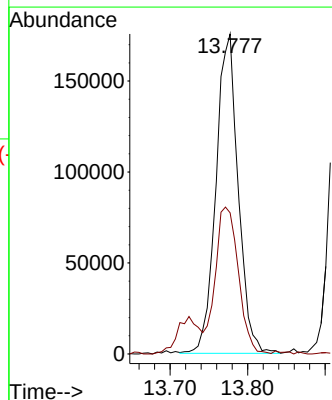
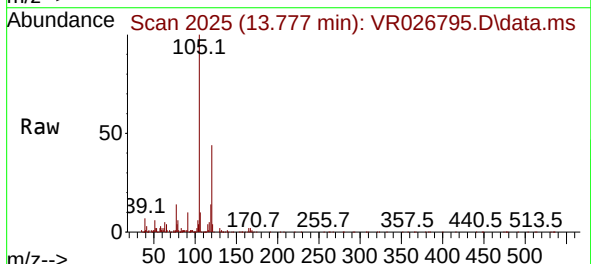
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDIC150

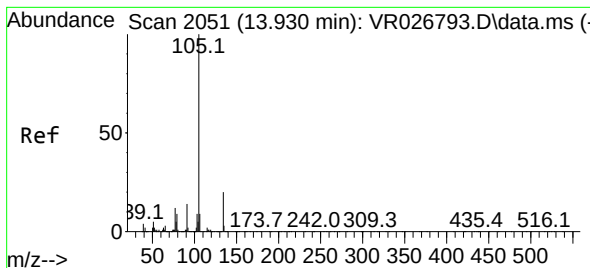
Tgt Ion:119 Resp: 421333
 Ion Ratio Lower Upper
 119 100
 91 61.9 32.8 98.3
 134 26.3 13.7 41.0



#84
 1,2,4-Trimethylbenzene
 Concen: 180.622 ug/l
 RT: 13.777 min Scan# 2025
 Delta R.T. 0.000 min
 Lab File: VR026795.D
 Acq: 4 Dec 2025 15:12

Tgt Ion:105 Resp: 349380
 Ion Ratio Lower Upper
 105 100
 120 47.5 23.7 71.1

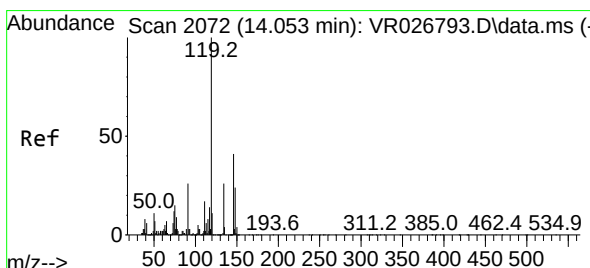
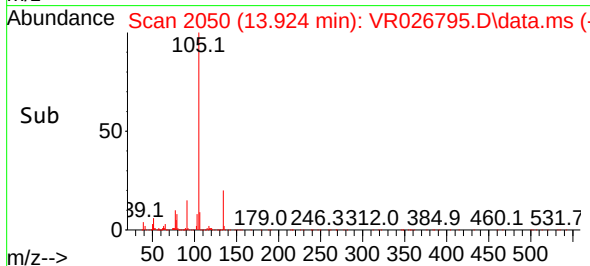
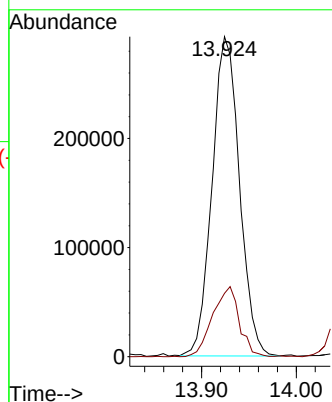
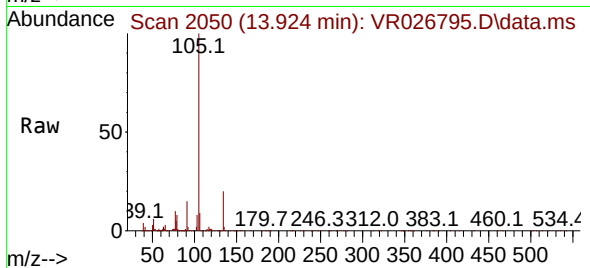




#85
 sec-Butylbenzene
 Concen: 229.633 ug/l
 RT: 13.924 min Scan# 2050
 Delta R.T. -0.006 min
 Lab File: VR026795.D
 Acq: 4 Dec 2025 15:12

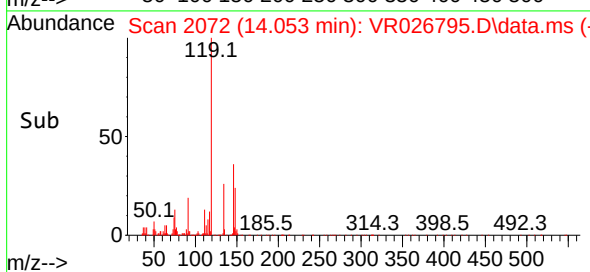
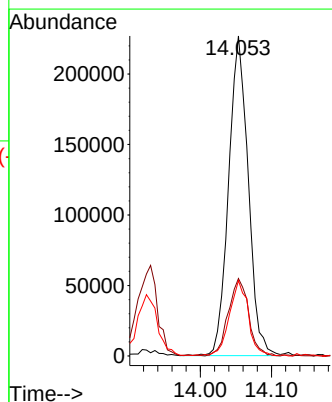
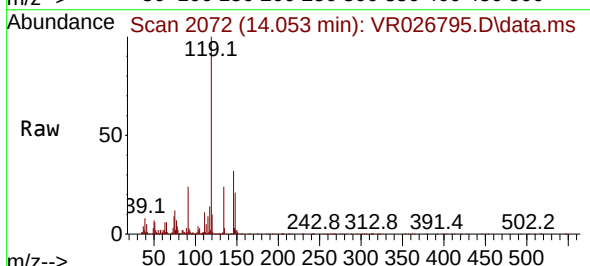
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDIC150

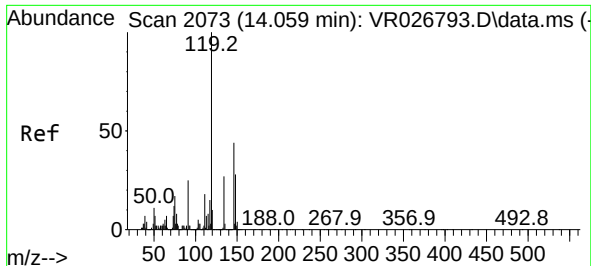
Tgt Ion:105 Resp: 587911
 Ion Ratio Lower Upper
 105 100
 134 21.4 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 191.957 ug/l
 RT: 14.053 min Scan# 2072
 Delta R.T. 0.000 min
 Lab File: VR026795.D
 Acq: 4 Dec 2025 15:12

Tgt Ion:119 Resp: 432847
 Ion Ratio Lower Upper
 119 100
 134 25.3 13.3 39.9
 91 22.8 11.9 35.9

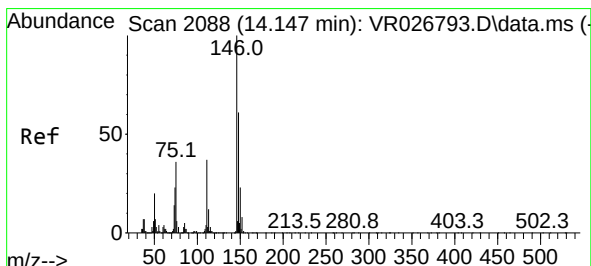
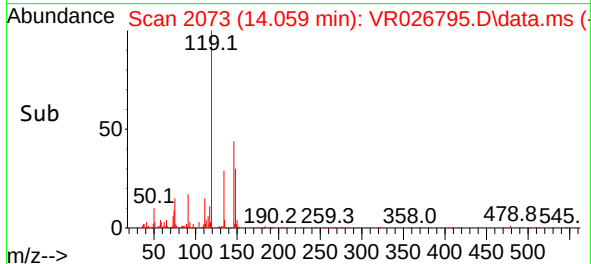
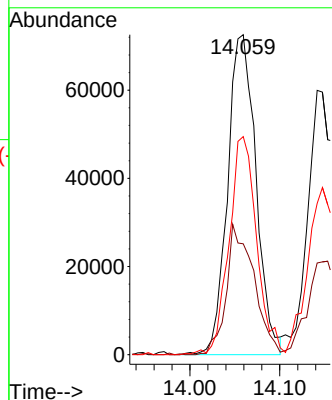
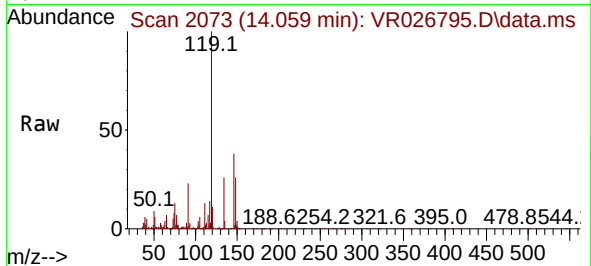




#87
1,3-Dichlorobenzene
Concen: 149.383 ug/l
RT: 14.059 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VR026795.D
Acq: 4 Dec 2025 15:12

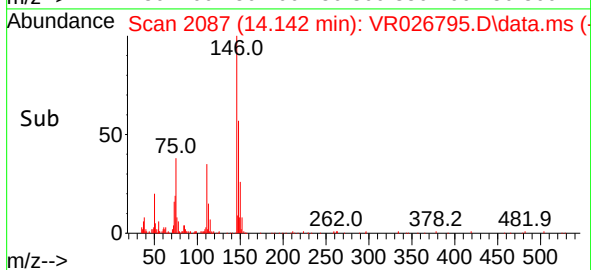
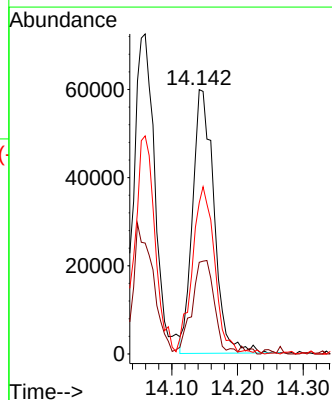
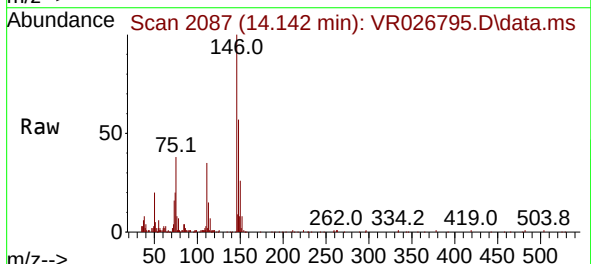
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC150

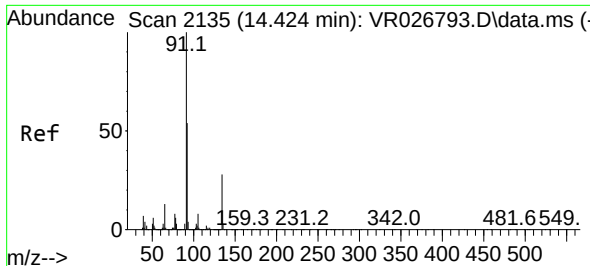
Tgt Ion:146 Resp: 159489
Ion Ratio Lower Upper
146 100
111 39.5 20.8 62.2
148 66.2 31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 120.243 ug/l
RT: 14.142 min Scan# 2087
Delta R.T. -0.006 min
Lab File: VR026795.D
Acq: 4 Dec 2025 15:12

Tgt Ion:146 Resp: 135519
Ion Ratio Lower Upper
146 100
111 36.8 19.6 58.8
148 64.2 31.3 93.9

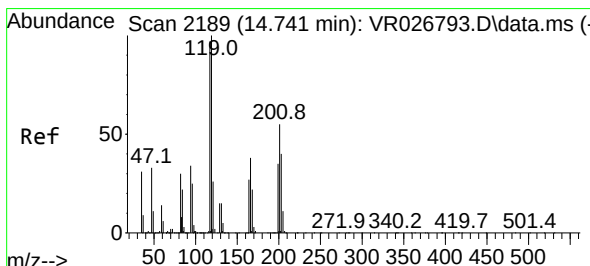
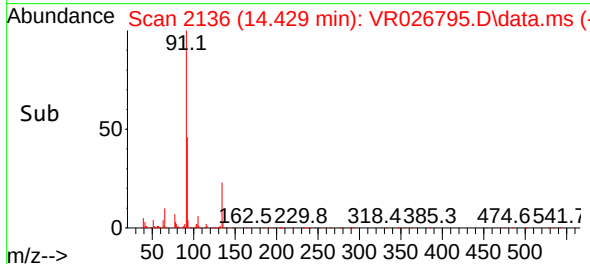
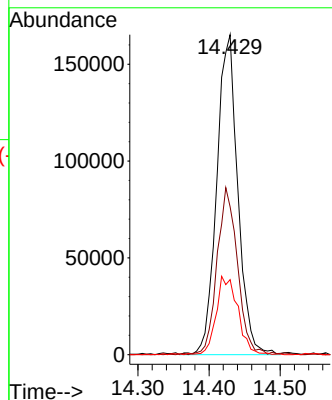
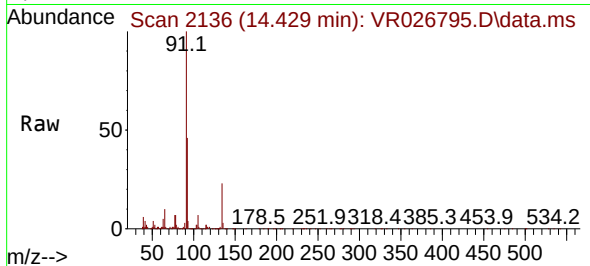




#89
n-Butylbenzene
Concen: 146.328 ug/l
RT: 14.429 min Scan# 2136
Delta R.T. 0.006 min
Lab File: VR026795.D
Acq: 4 Dec 2025 15:12

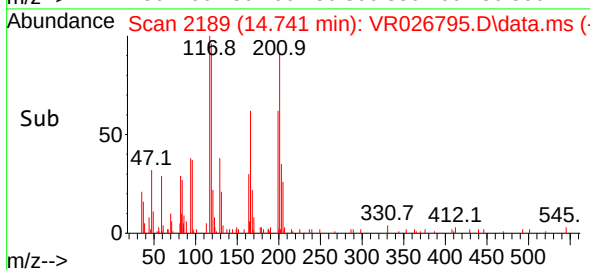
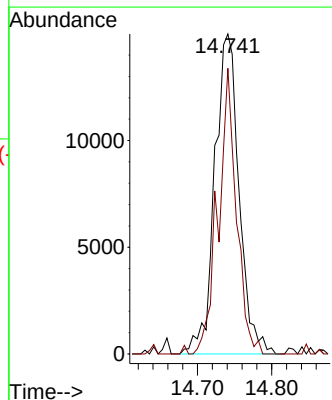
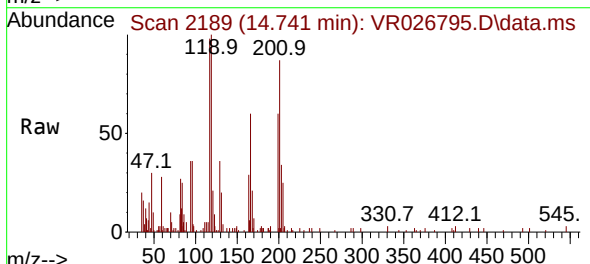
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC150

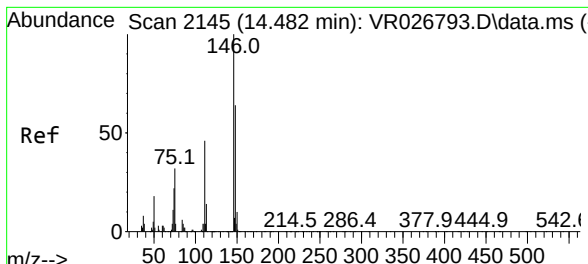
Tgt Ion: 91 Resp: 340107
Ion Ratio Lower Upper
91 100
92 50.6 26.7 80.1
134 25.2 12.9 38.7



#90
Hexachloroethane
Concen: 97.001 ug/l
RT: 14.741 min Scan# 2189
Delta R.T. 0.000 min
Lab File: VR026795.D
Acq: 4 Dec 2025 15:12

Tgt Ion: 117 Resp: 34178
Ion Ratio Lower Upper
117 100
201 67.2 32.6 98.0



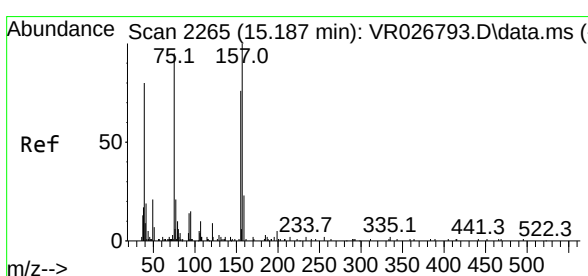
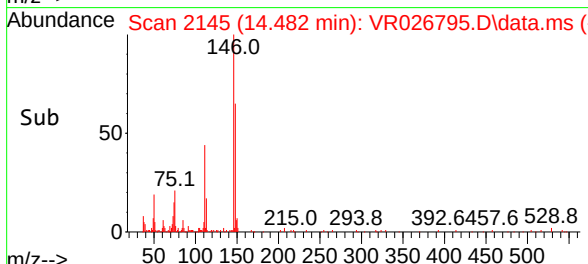
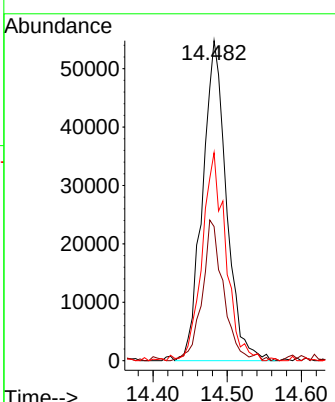
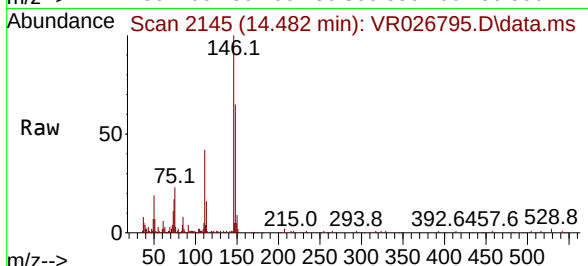


#91
 1,2-Dichlorobenzene
 Concen: 125.243 ug/l
 RT: 14.482 min Scan# 2145
 Delta R.T. 0.000 min
 Lab File: VR026795.D
 Acq: 4 Dec 2025 15:12

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDIC150

Tgt Ion:146 Resp: 122755

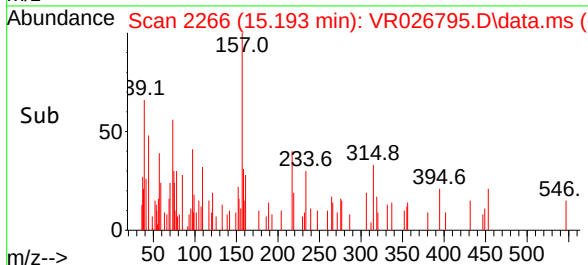
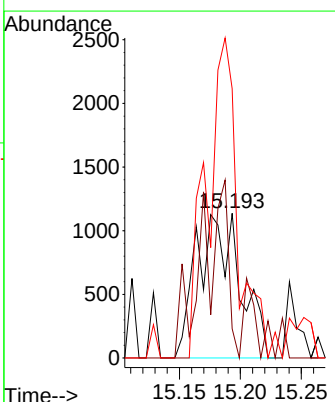
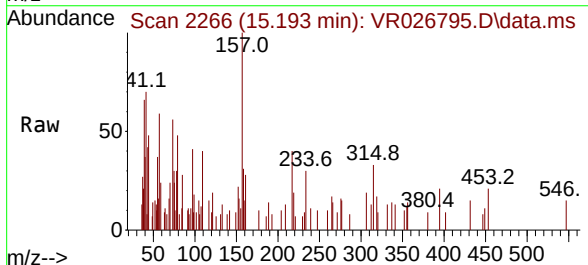
Ion	Ratio	Lower	Upper
146	100		
111	39.4	20.5	61.6
148	64.0	31.5	94.5

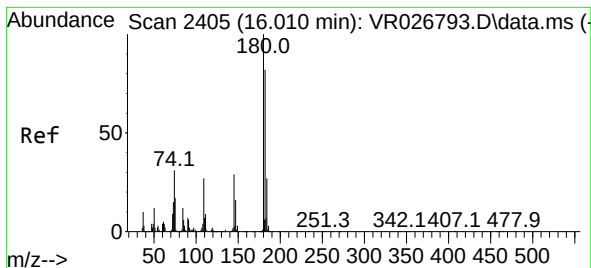


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.532 ug/l
 RT: 15.193 min Scan# 2266
 Delta R.T. 0.006 min
 Lab File: VR026795.D
 Acq: 4 Dec 2025 15:12

Tgt Ion: 75 Resp: 2801

Ion	Ratio	Lower	Upper
75	100		
155	35.3	46.7	140.0#
157	159.9	64.0	192.2





#93

1,2,4-Trichlorobenzene

Concen: 69.267 ug/l

RT: 16.010 min Scan# 2405

Delta R.T. 0.000 min

Lab File: VR026795.D

Acq: 4 Dec 2025 15:12

Instrument :

MSVOA_R

ClientSampleId :

VSTDIC150

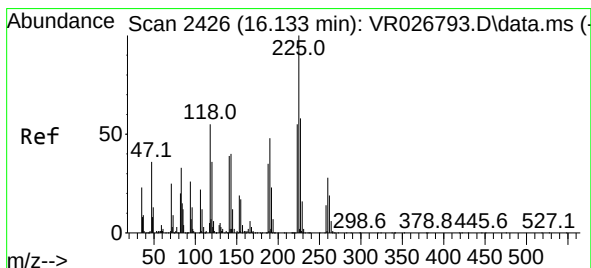
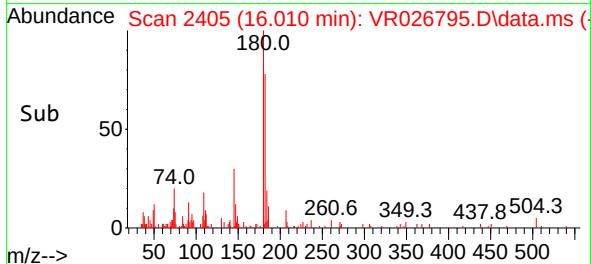
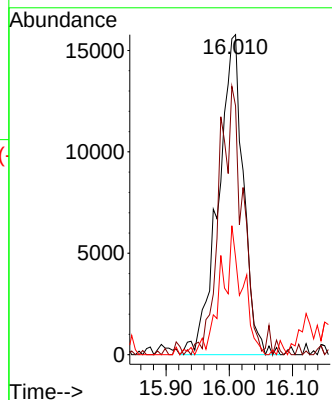
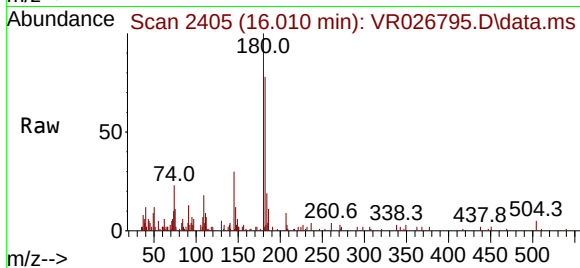
Tgt Ion:180 Resp: 43583

Ion Ratio Lower Upper

180 100

182 79.0 46.4 139.2

145 34.6 16.1 48.2



#94

Hexachlorobutadiene

Concen: 131.416 ug/l

RT: 16.122 min Scan# 2424

Delta R.T. -0.012 min

Lab File: VR026795.D

Acq: 4 Dec 2025 15:12

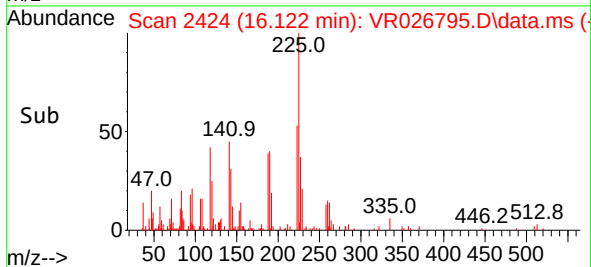
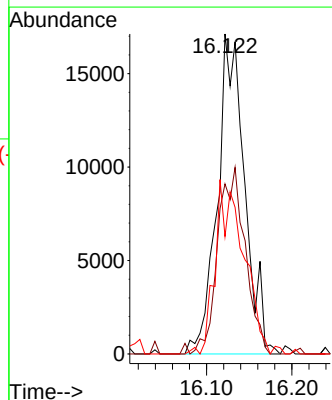
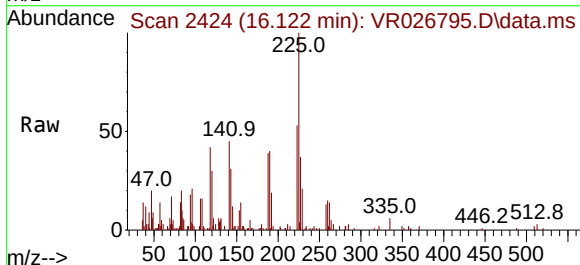
Tgt Ion:225 Resp: 38173

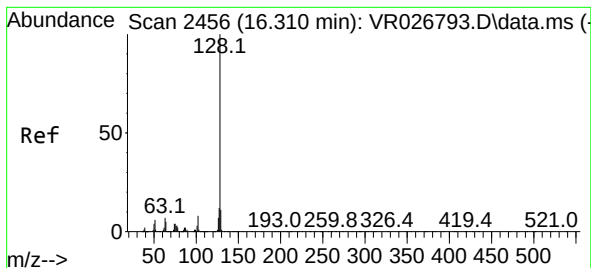
Ion Ratio Lower Upper

225 100

223 58.3 30.3 91.0

227 56.8 32.3 96.9





#95

Naphthalene

Concen: 120.598 ug/l

RT: 16.316 min Scan# 2456

Delta R.T. 0.006 min

Lab File: VR026795.D

Acq: 4 Dec 2025 15:12

Instrument :

MSVOA_R

ClientSampleId :

VSTDIC150

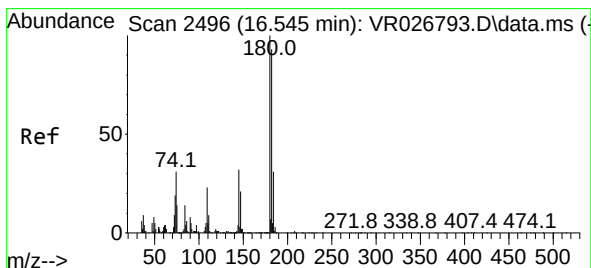
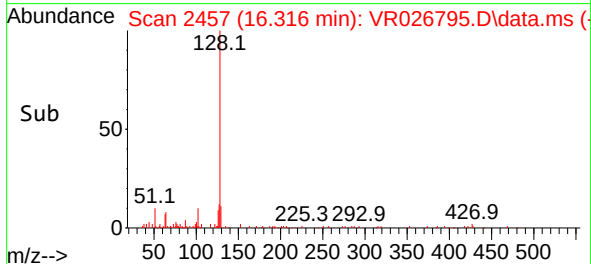
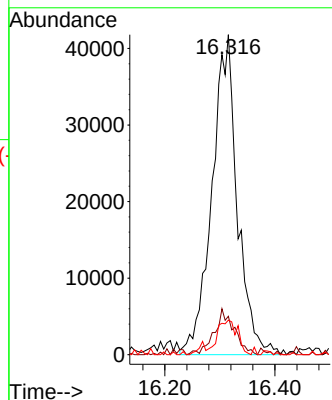
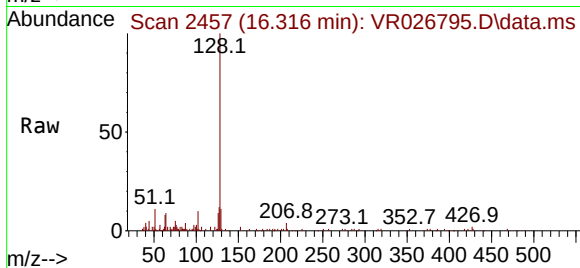
Tgt Ion:128 Resp: 134005

Ion Ratio Lower Upper

128 100

127 11.4 10.2 15.2

129 8.4 8.6 12.8#



#96

1,2,3-Trichlorobenzene

Concen: 55.547 ug/l

RT: 16.545 min Scan# 2496

Delta R.T. 0.000 min

Lab File: VR026795.D

Acq: 4 Dec 2025 15:12

Tgt Ion:180 Resp: 29711

Ion Ratio Lower Upper

180 100

182 101.4 48.2 144.6

145 20.9 16.4 49.2

