

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR102225\
 Data File : VR026787.D
 Acq On : 22 Oct 2025 15:51
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5mL/MSVOA_R/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VIBLK

Quant Time: Oct 24 09:28:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_R\methods\82R102225W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 24 09:26:03 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.831	168	23576	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.789	114	34946	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.950	117	25175	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	14.153	152	21474	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.201	65	17005	92.445	ug/l	0.00
Spiked Amount	50.000		Recovery	=	184.900%	
35) Dibromofluoromethane	7.749	113	13137	91.452	ug/l	0.00
Spiked Amount	50.000		Recovery	=	182.900%	
50) Toluene-d8	10.446	98	23265	58.055	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.100%	
62) 4-Bromofluorobenzene	13.066	95	11130	42.179	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.360%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.009	85	2853	16.170	ug/l	100
3) Chloromethane	2.214	50	4458	20.073	ug/l #	6
4) Vinyl Chloride	2.338	62	2935	10.984	ug/l #	47
5) Bromomethane	2.672	94	344	2.012	ug/l #	52
6) Chloroethane	2.813	64	381	1.985	ug/l #	47
7) Trichlorofluoromethane	3.195	101	3988	10.973	ug/l #	70
8) Diethyl Ether	3.577	74	176	1.000	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.906	101	472	2.061	ug/l	95
10) Methyl Iodide	4.153	142	12208	46.664	ug/l #	45
11) Tert butyl alcohol	4.987	59	2204	24.405	ug/l #	67
12) 1,1-Dichloroethene	3.912	96	1727	7.562	ug/l #	38
13) Acrolein	3.801	56	9354	156.732	ug/l	95
14) Allyl chloride	4.488	41	2202	4.609	ug/l #	79
15) Acrylonitrile	5.199	53	18969	95.074	ug/l #	71
16) Acetone	3.971	43	555	Below Cal		98
17) Carbon Disulfide	4.247	76	21225	51.114	ug/l	97
18) Methyl Acetate	4.535	43	8520	13.455	ug/l #	80
19) Methyl tert-butyl Ether	5.258	73	1039	1.070	ug/l	92
20) Methylene Chloride	4.723	84	6753	23.603	ug/l #	67
21) trans-1,2-Dichloroethene	5.211	96	2372	10.211	ug/l #	44
22) Diisopropyl ether	6.127	45	1301	1.274	ug/l #	36
23) Vinyl Acetate	6.063	43	7088	10.541	ug/l #	71
24) 1,1-Dichloroethane	6.004	63	1593	3.065	ug/l #	44
25) 2-Butanone	7.015	43	18410	56.916	ug/l #	70
26) 2,2-Dichloropropane	6.968	77	1542	3.473	ug/l	83
27) cis-1,2-Dichloroethene	6.979	96	1715	5.284	ug/l	13
28) Bromochloromethane	7.355	49	2382	10.144	ug/l #	59
29) Tetrahydrofuran	7.391	42	15506	86.853	ug/l #	76
30) Chloroform	7.532	83	1477	2.935	ug/l #	22
31) Cyclohexane	7.819	56	4131	9.506	ug/l #	91
32) 1,1,1-Trichloroethane	7.743	97	1369	3.287	ug/l #	74
36) 1,1-Dichloropropene	7.960	75	5953	21.574	ug/l #	78
37) Ethyl Acetate	7.091	43	6513	16.112	ug/l #	96
38) Carbon Tetrachloride	7.949	117	1927	7.489	ug/l #	78
39) Methylcyclohexane	9.341	83	6661	19.197	ug/l #	89
40) Benzene	8.237	78	6325	6.843	ug/l	98

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	5159	21.651	ug/l #	34
42) 1,2-Dichloroethane	8.284	62	1285	4.243	ug/l	93
43) Isopropyl Acetate	8.342	43	2078	3.070	ug/l #	45
44) Trichloroethene	9.071	130	4658	21.115	ug/l	70
45) 1,2-Dichloropropane	9.376	63	1905	7.892	ug/l #	39
46) Dibromomethane	9.476	93	2721	16.984	ug/l #	78
47) Bromodichloromethane	9.682	83	2636	7.909	ug/l #	46
48) Methyl methacrylate	9.465	41	2728	8.576	ug/l #	33
49) 1,4-Dioxane	9.476	88	7010	1001.432	ug/l #	88
51) 4-Methyl-2-Pentanone	10.334	43	57046	128.527	ug/l	96
52) Toluene	10.522	92	6800	10.920	ug/l	81
53) t-1,3-Dichloropropene	10.775	75	4485	11.793	ug/l	98
54) cis-1,3-Dichloropropene	10.164	75	3732	9.433	ug/l #	59
55) 1,1,2-Trichloroethane	10.981	97	1846	7.338	ug/l #	56
56) Ethyl methacrylate	10.828	69	7369	15.822	ug/l	88
57) 1,3-Dichloropropane	11.192	76	193	0.457	ug/l	92
58) 2-Chloroethyl Vinyl ether	9.888	63	183	23.257	ug/l	91
59) 2-Hexanone	11.192	43	113070	291.307	ug/l	97
60) Dibromochloromethane	11.509	129	132	0.513	ug/l	80
61) 1,2-Dibromoethane	11.398	107	81	0.324	ug/l	85
64) Tetrachloroethene	11.063	164	4863	36.781	ug/l #	66
65) Chlorobenzene	11.973	112	16830	30.045	ug/l #	69
66) 1,1,1,2-Tetrachloroethane	12.050	131	1969	11.398	ug/l	84
67) Ethyl Benzene	12.056	91	21823	23.278	ug/l #	85
68) m/p-Xylenes	12.185	106	16990	46.176	ug/l	82
69) o-Xylene	12.561	106	7600	20.613	ug/l	75
70) Styrene	12.585	104	19913	29.522	ug/l	93
71) Bromoform	12.761	173	2527	17.720	ug/l #	96
73) Isopropylbenzene	12.896	105	22538	17.966	ug/l	80
74) N-amyl acetate	12.684	43	58006	82.942	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	13.178	83	6014	12.962	ug/l	96
76) 1,2,3-Trichloropropane	13.243	75	8067	20.766	ug/l	84
77) Bromobenzene	13.213	156	9674	31.585	ug/l	64
78) n-propylbenzene	13.284	91	41000	26.482	ug/l	90
79) 2-Chlorotoluene	13.395	91	22575	24.433	ug/l	94
80) 1,3,5-Trimethylbenzene	13.442	105	26079	23.683	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.949	75	2636	15.833	ug/l #	51
82) 4-Chlorotoluene	13.495	91	31013	31.977	ug/l	77
83) tert-Butylbenzene	13.754	119	19394	18.564	ug/l	77
84) 1,2,4-Trimethylbenzene	13.801	105	32434	27.128	ug/l	95
85) sec-Butylbenzene	13.948	105	43213	28.711	ug/l	95
86) p-Isopropyltoluene	14.077	119	42382	32.458	ug/l	94
87) 1,3-Dichlorobenzene	14.089	146	28871	41.439	ug/l	77
88) 1,4-Dichlorobenzene	14.171	146	34763	48.071	ug/l	93
89) n-Butylbenzene	14.447	91	72868	57.034	ug/l	97
90) Hexachloroethane	14.706	117	427	2.020	ug/l	60
91) 1,2-Dichlorobenzene	14.500	146	27360	38.310	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	15.217	75	5515	51.698	ug/l #	59
93) 1,2,4-Trichlorobenzene	16.028	180	56732	125.316	ug/l	99
94) Hexachlorobutadiene	16.163	225	14828	92.160	ug/l	84
95) Naphthalene	16.333	128	483782	340.771	ug/l	99
96) 1,2,3-Trichlorobenzene	16.574	180	68932	154.572	ug/l	97

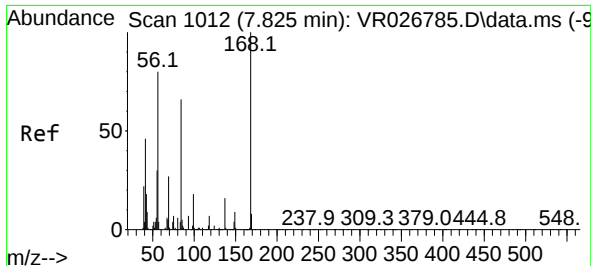
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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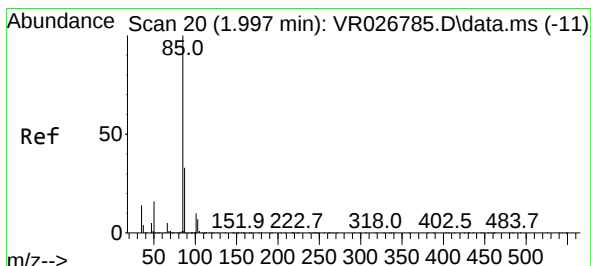
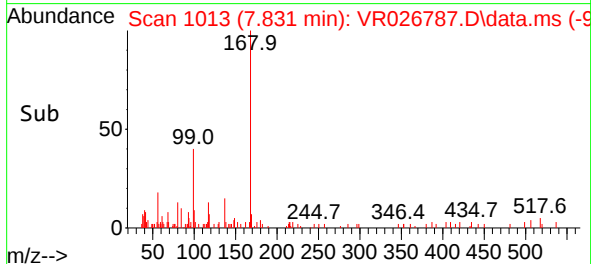
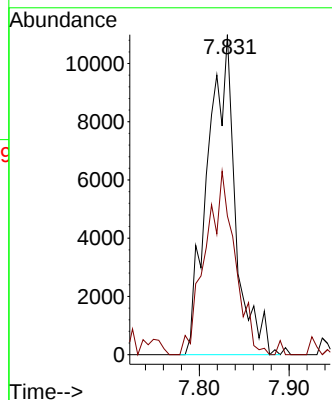
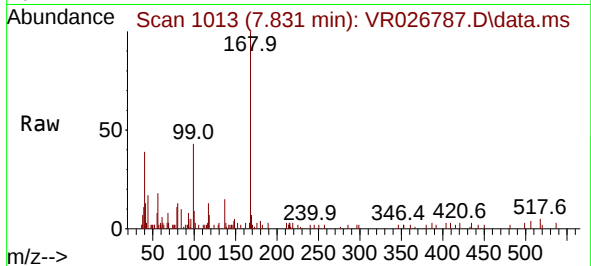
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.831 min Scan# 10
Delta R.T. 0.006 min
Lab File: VR026787.D
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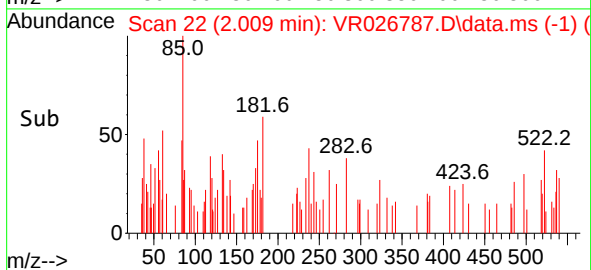
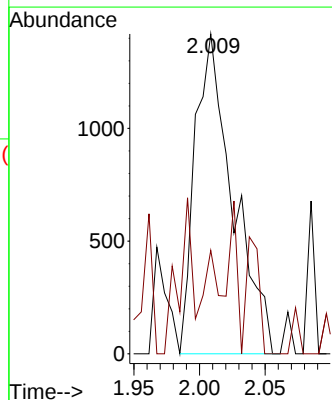
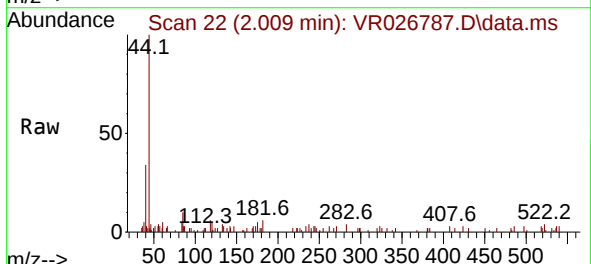
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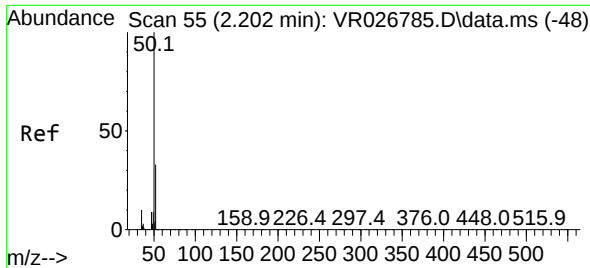
Tgt Ion:168 Resp: 23576
Ion Ratio Lower Upper
168 100
99 43.3 41.0 61.6



#2
Dichlorodifluoromethane
Concen: 16.170 ug/l
RT: 2.009 min Scan# 22
Delta R.T. 0.012 min
Lab File: VR026787.D
Acq: 22 Oct 2025 15:51

Tgt Ion: 85 Resp: 2853
Ion Ratio Lower Upper
85 100
87 32.3 16.3 48.9

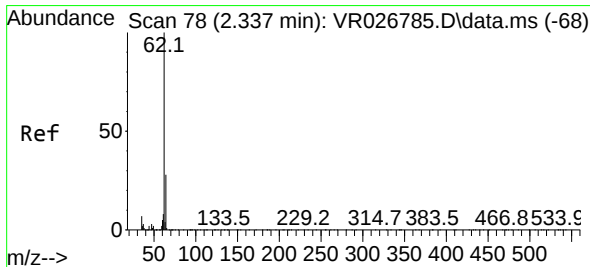
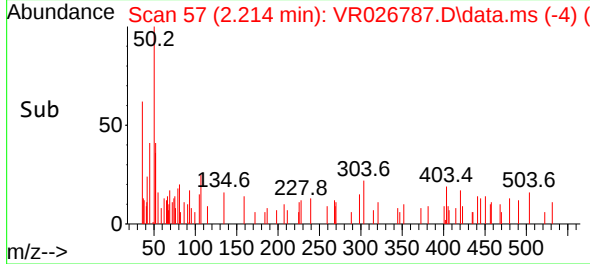
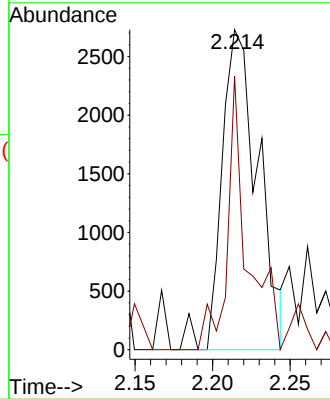
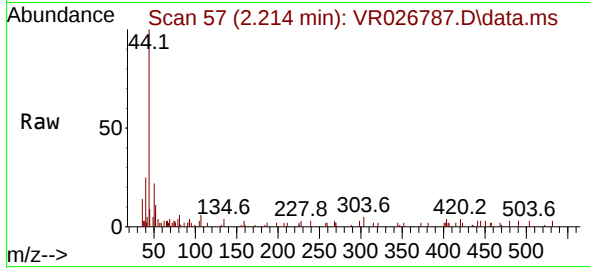




#3
Chloromethane
Concen: 20.073 ug/l
RT: 2.214 min Scan# 51
Delta R.T. 0.012 min
Lab File: VR026787.D
Acq: 22 Oct 2025 15:51

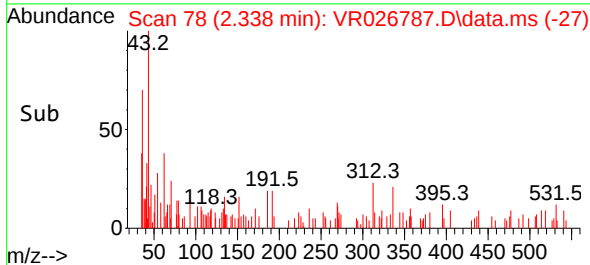
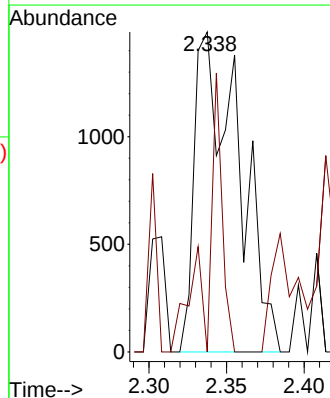
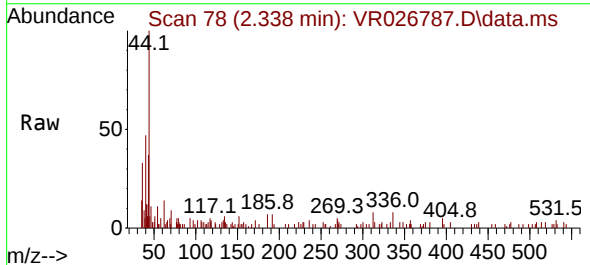
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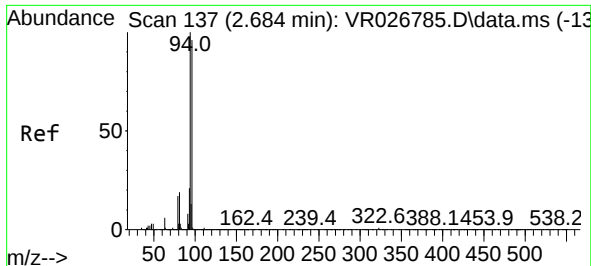
Tgt Ion: 50 Resp: 4458
Ion Ratio Lower Upper
50 100
52 85.5 26.2 39.2#



#4
Vinyl Chloride
Concen: 10.984 ug/l
RT: 2.338 min Scan# 78
Delta R.T. 0.000 min
Lab File: VR026787.D
Acq: 22 Oct 2025 15:51

Tgt Ion: 62 Resp: 2935
Ion Ratio Lower Upper
62 100
64 0.0 22.6 33.8#

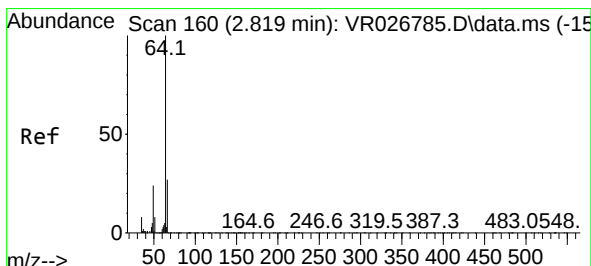
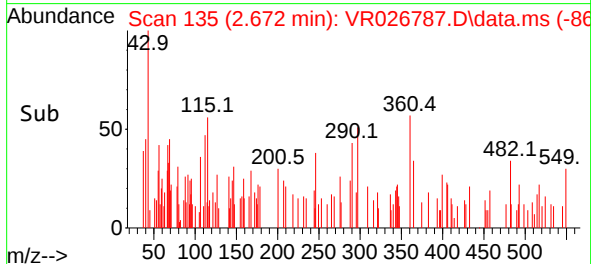
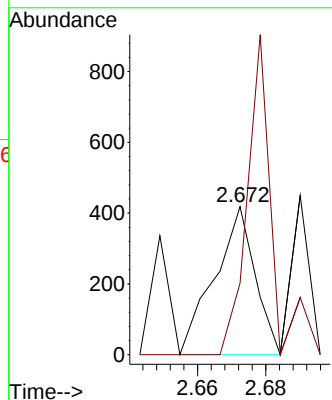
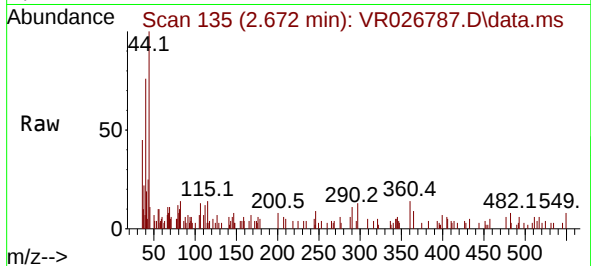




#5
Bromomethane
Concen: 2.012 ug/l
RT: 2.672 min Scan# 11
Delta R.T. -0.012 min
Lab File: VR026787.D
Acq: 22 Oct 2025 15:51

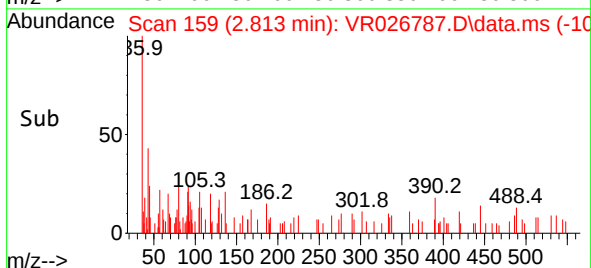
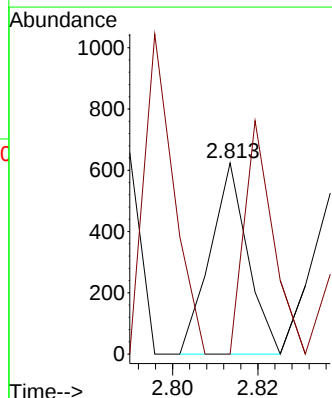
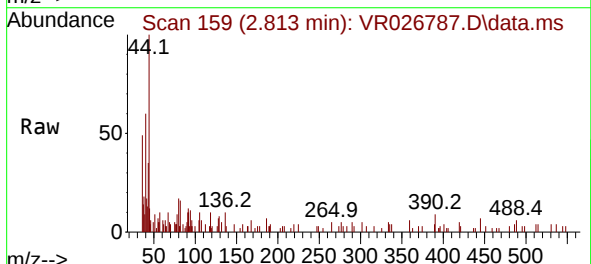
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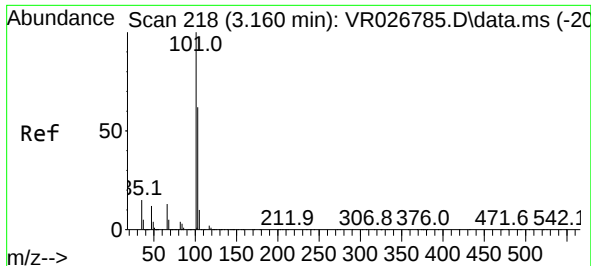
Tgt Ion: 94 Resp: 344
Ion Ratio Lower Upper
94 100
96 48.3 76.4 114.6#



#6
Chloroethane
Concen: 1.985 ug/l
RT: 2.813 min Scan# 159
Delta R.T. -0.006 min
Lab File: VR026787.D
Acq: 22 Oct 2025 15:51

Tgt Ion: 64 Resp: 381
Ion Ratio Lower Upper
64 100
66 0.0 22.0 33.0#

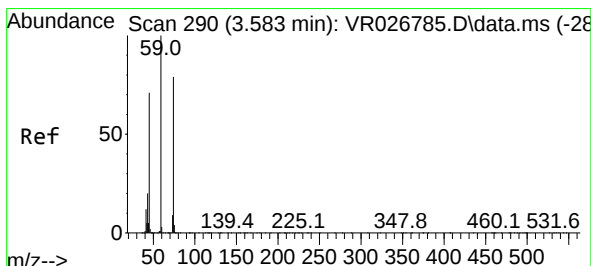
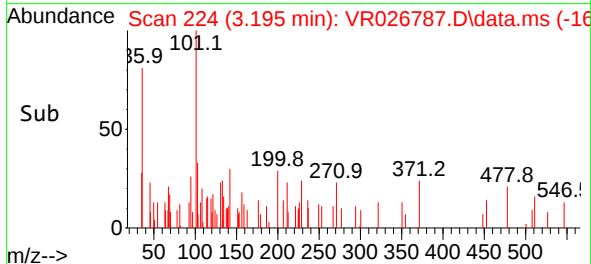
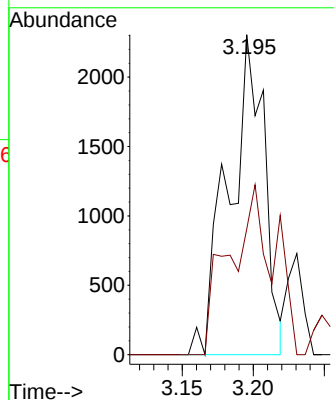
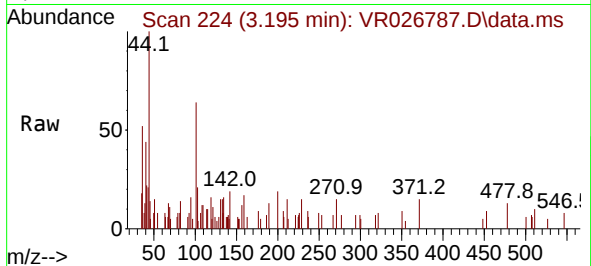




#7
 Trichlorofluoromethane
 Concen: 10.973 ug/l
 RT: 3.195 min Scan# 218
 Delta R.T. 0.035 min
 Lab File: VR026787.D
 Acq: 22 Oct 2025 15:51

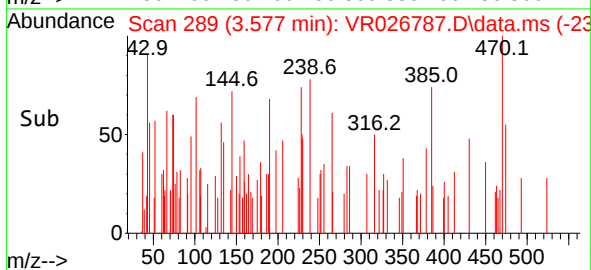
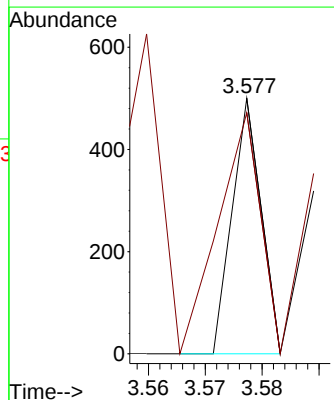
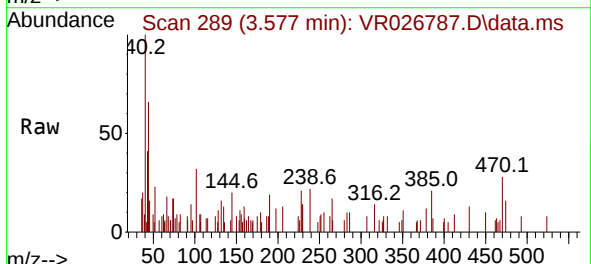
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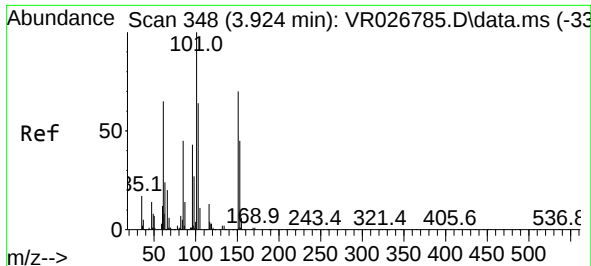
Tgt Ion:101 Resp: 3988
 Ion Ratio Lower Upper
 101 100
 103 39.3 49.6 74.4#



#8
 Diethyl Ether
 Concen: 1.000 ug/l
 RT: 3.577 min Scan# 289
 Delta R.T. -0.006 min
 Lab File: VR026787.D
 Acq: 22 Oct 2025 15:51

Tgt Ion: 74 Resp: 176
 Ion Ratio Lower Upper
 74 100
 45 94.3 47.3 141.9

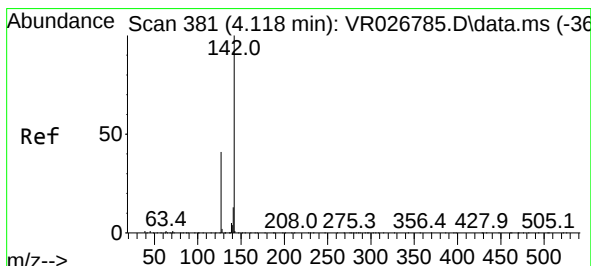
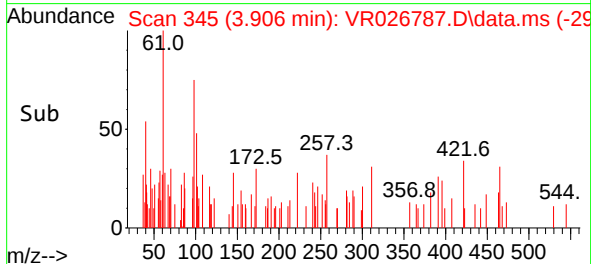
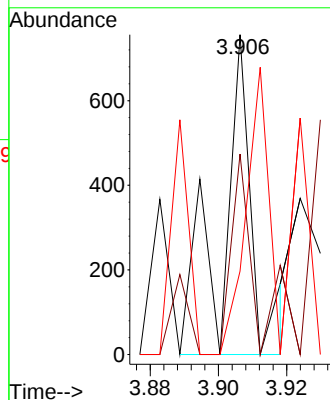
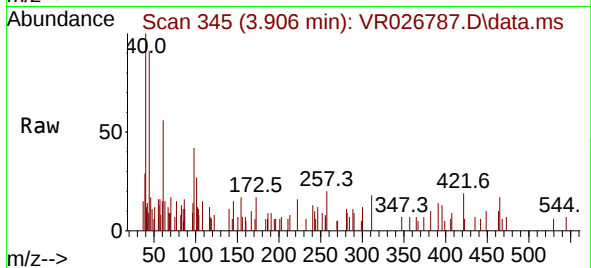




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.061 ug/l
RT: 3.906 min Scan# 34
Delta R.T. -0.017 min
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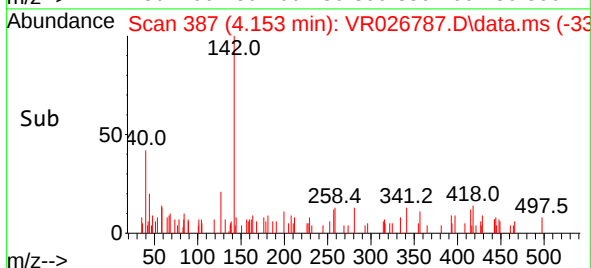
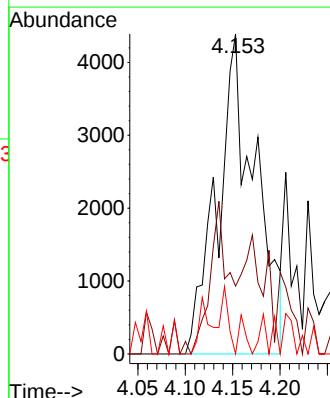
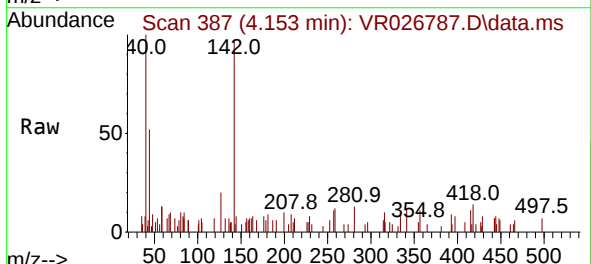
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ClientSampleId :
VIBLK

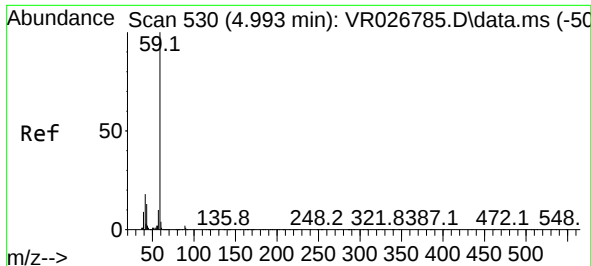
Tgt Ion:101 Resp: 472
Ion Ratio Lower Upper
101 100
85 49.6 36.6 54.8
151 65.5 55.5 83.3



#10
Methyl Iodide
Concen: 46.664 ug/l
RT: 4.153 min Scan# 387
Delta R.T. 0.035 min
Lab File: VR026787.D
Acq: 22 Oct 2025 15:51

Tgt Ion:142 Resp: 12208
Ion Ratio Lower Upper
142 100
127 0.0 31.8 47.6#
141 2.2 10.9 16.3#

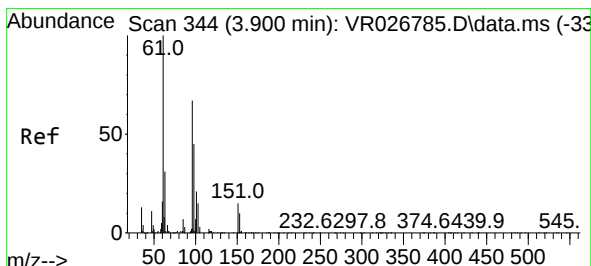
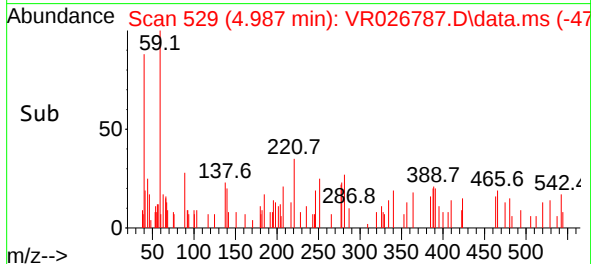
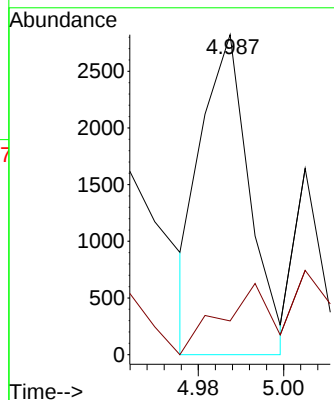
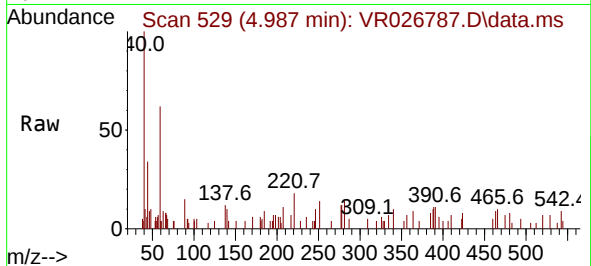




#11
Tert butyl alcohol
Concen: 24.405 ug/l
RT: 4.987 min Scan# 51
Delta R.T. -0.006 min
Lab File: VR026787.D
Acq: 22 Oct 2025 15:51

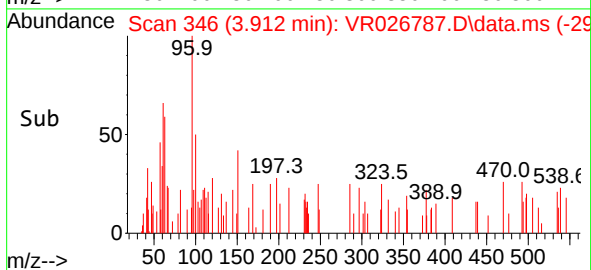
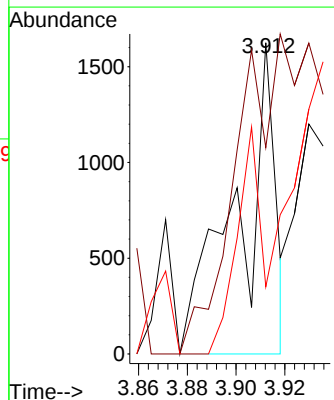
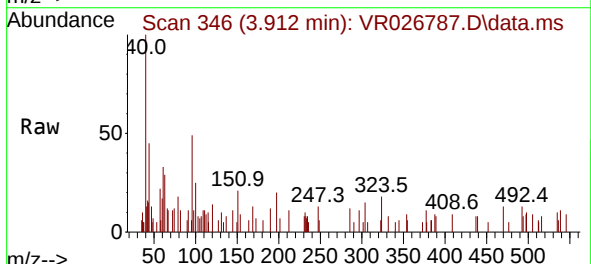
Instrument :
MSVOA_R
ClientSampleId :
VIBLK

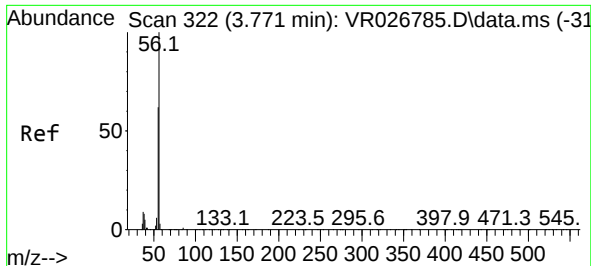
Tgt Ion: 59 Resp: 2204
Ion Ratio Lower Upper
59 100
57 23.1 8.5 12.7#



#12
1,1-Dichloroethene
Concen: 7.562 ug/l
RT: 3.912 min Scan# 346
Delta R.T. 0.012 min
Lab File: VR026787.D
Acq: 22 Oct 2025 15:51

Tgt Ion: 96 Resp: 1727
Ion Ratio Lower Upper
96 100
61 66.3 119.0 178.6#
98 21.6 53.0 79.6#

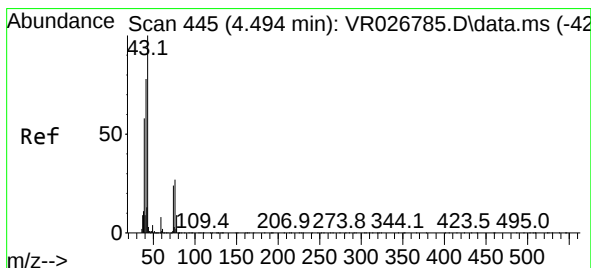
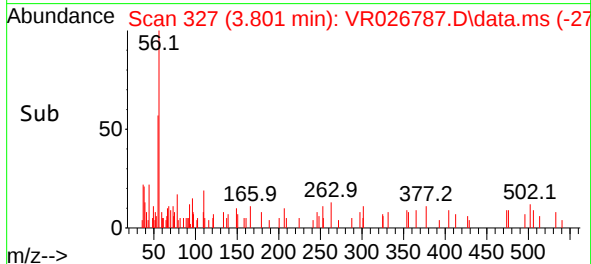
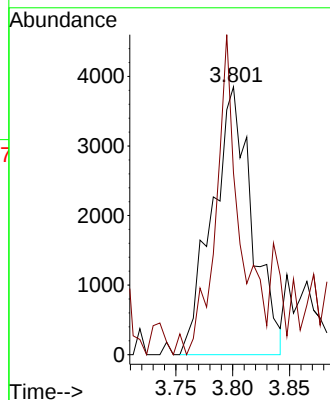
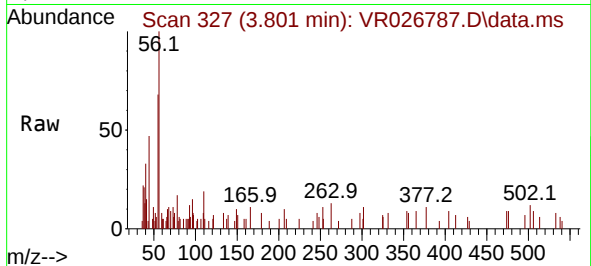




#13
Acrolein
Concen: 156.732 ug/l
RT: 3.801 min Scan# 31
Delta R.T. 0.030 min
Lab File: VR026787.D
Acq: 22 Oct 2025 15:51

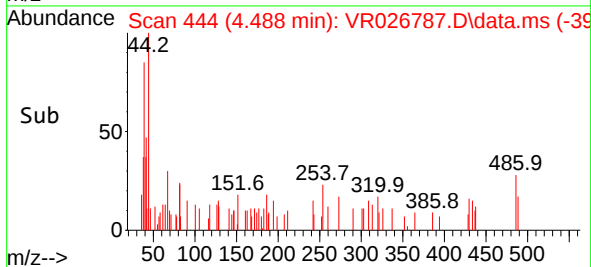
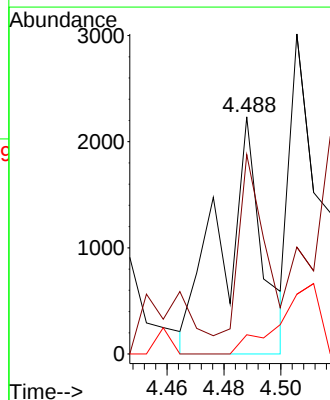
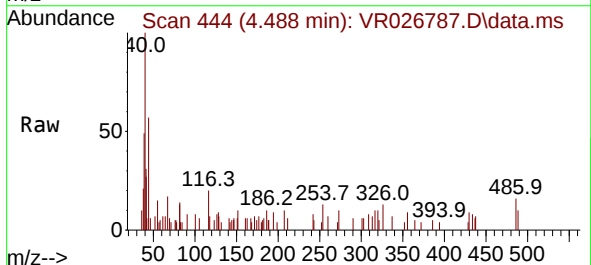
Instrument :
MSVOA_R
ClientSampleId :
VIBLK

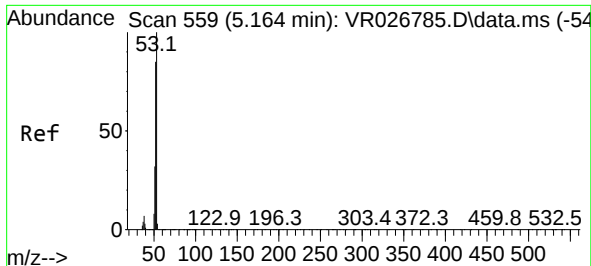
Tgt Ion: 56 Resp: 9354
Ion Ratio Lower Upper
56 100
55 72.1 54.2 81.2



#14
Allyl chloride
Concen: 4.609 ug/l
RT: 4.488 min Scan# 444
Delta R.T. -0.006 min
Lab File: VR026787.D
Acq: 22 Oct 2025 15:51

Tgt Ion: 41 Resp: 2202
Ion Ratio Lower Upper
41 100
39 58.3 49.0 73.6
76 0.0 24.0 36.0#

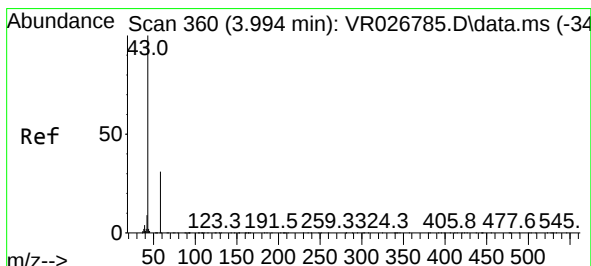
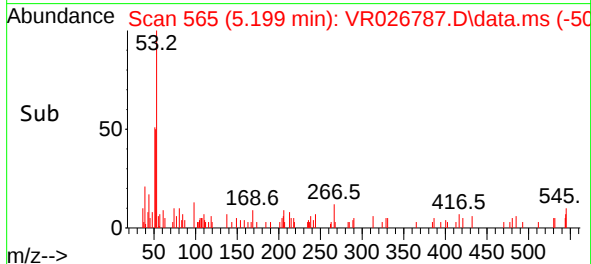
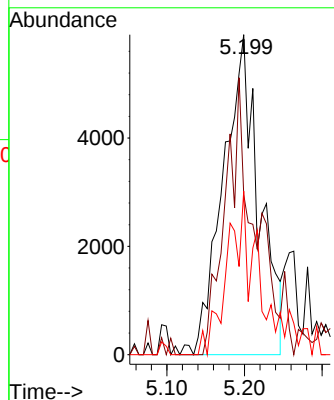
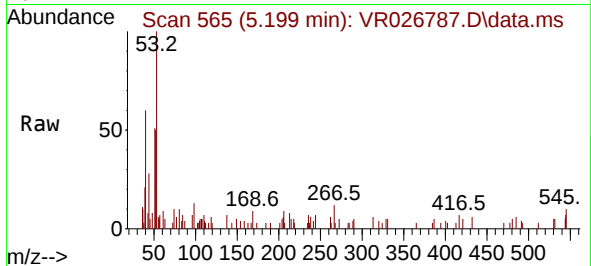




#15
Acrylonitrile
Concen: 95.074 ug/l
RT: 5.199 min Scan# 50
Delta R.T. 0.035 min
Lab File: VR026787.D
Acq: 22 Oct 2025 15:51

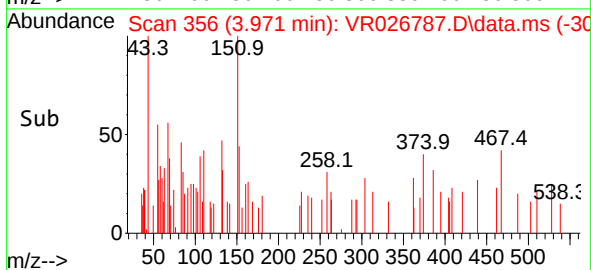
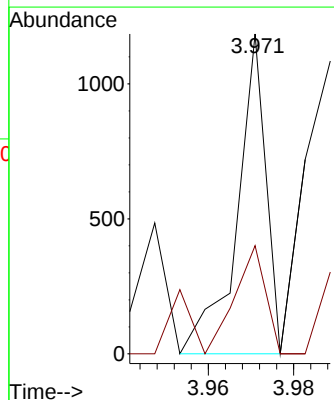
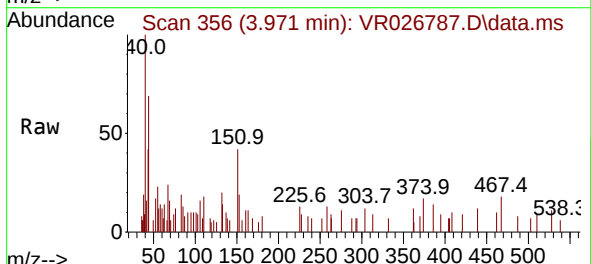
Instrument :
MSVOA_R
ClientSampleId :
VIBLK

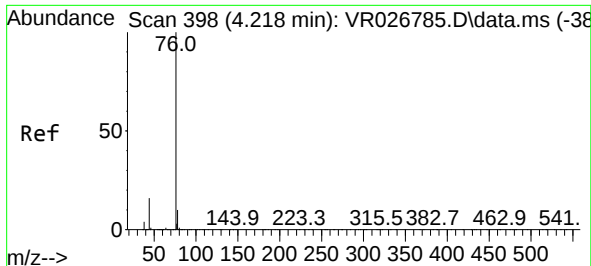
Tgt Ion: 53 Resp: 18969
Ion Ratio Lower Upper
53 100
52 55.3 65.8 98.8#
51 19.3 27.7 41.5#



#16
Acetone
Concen: Below Cal
RT: 3.971 min Scan# 356
Delta R.T. -0.023 min
Lab File: VR026787.D
Acq: 22 Oct 2025 15:51

Tgt Ion: 43 Resp: 555
Ion Ratio Lower Upper
43 100
58 33.8 26.2 39.4

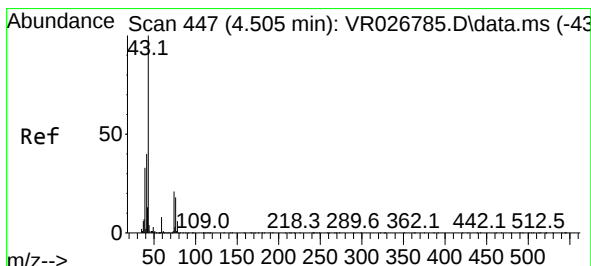
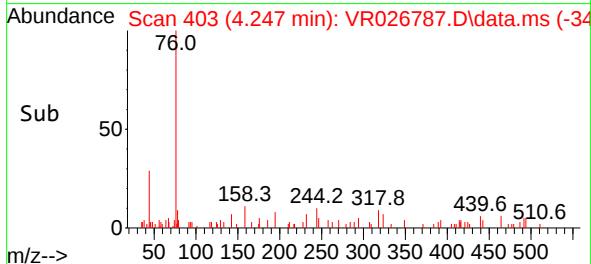
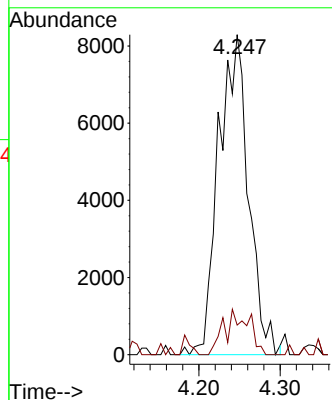
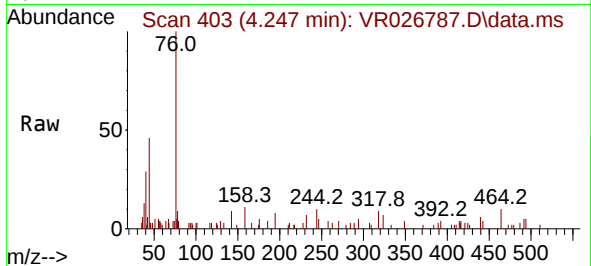




#17
Carbon Disulfide
Concen: 51.114 ug/l
RT: 4.247 min Scan# 403
Delta R.T. 0.030 min
Lab File: VR026787.D
Acq: 22 Oct 2025 15:51

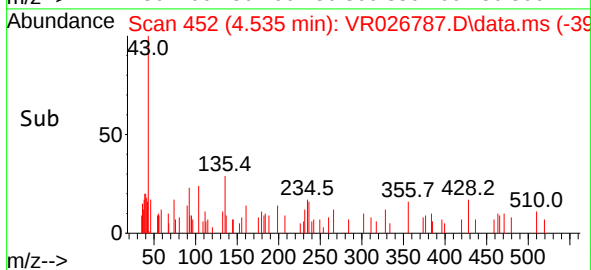
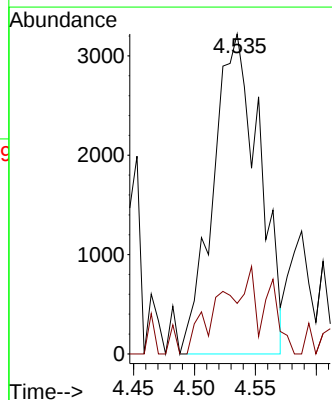
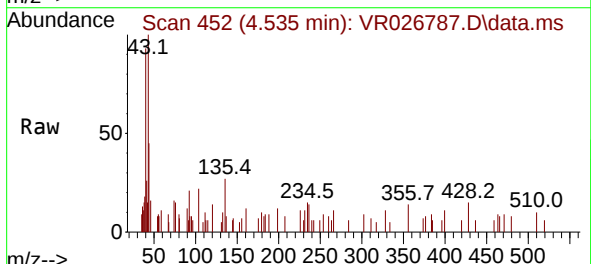
Instrument :
MSVOA_R
ClientSampleId :
VIBLK

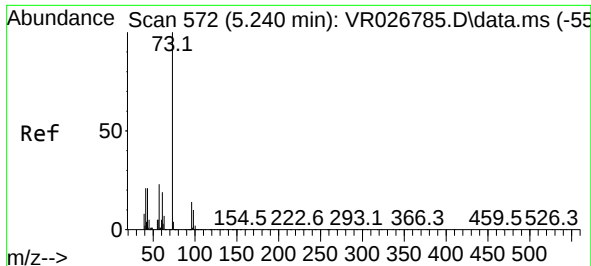
Tgt Ion: 76 Resp: 21225
Ion Ratio Lower Upper
76 100
78 9.3 8.2 12.2



#18
Methyl Acetate
Concen: 13.455 ug/l
RT: 4.535 min Scan# 452
Delta R.T. 0.030 min
Lab File: VR026787.D
Acq: 22 Oct 2025 15:51

Tgt Ion: 43 Resp: 8520
Ion Ratio Lower Upper
43 100
74 13.3 18.5 27.7#

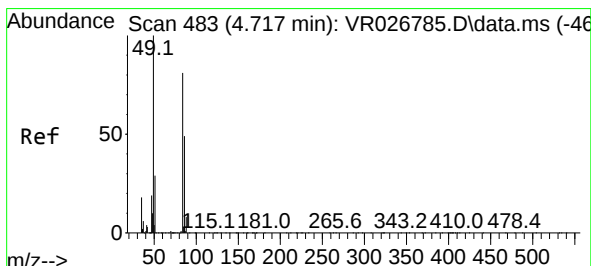
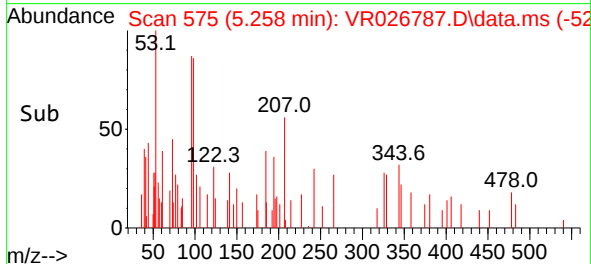
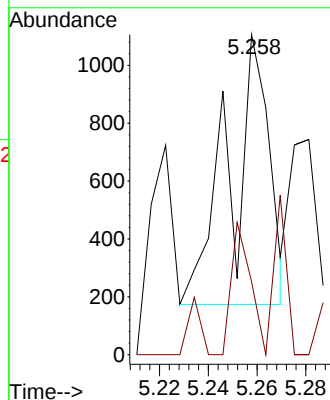
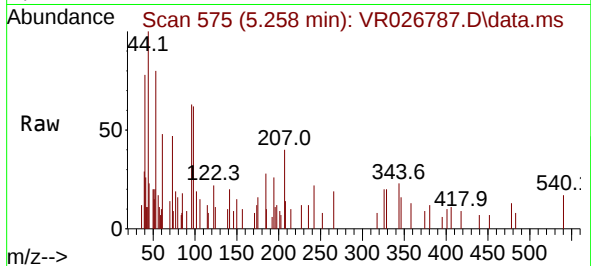




#19
Methyl tert-butyl Ether
Concen: 1.070 ug/l
RT: 5.258 min Scan# 51
Delta R.T. 0.018 min
Lab File: VR026787.D
Acq: 22 Oct 2025 15:51

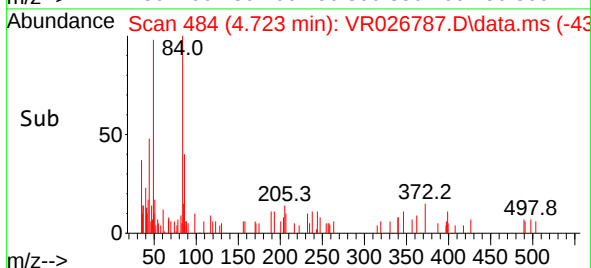
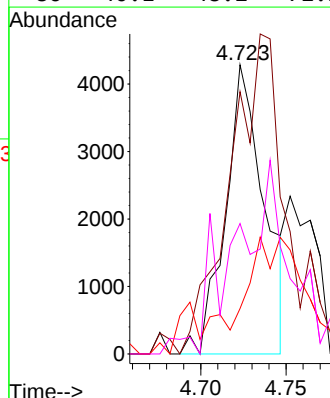
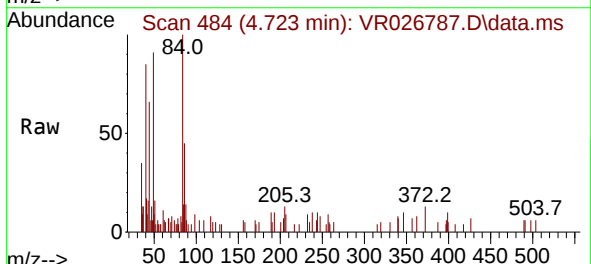
Instrument :
MSVOA_R
ClientSampleId :
VIBLK

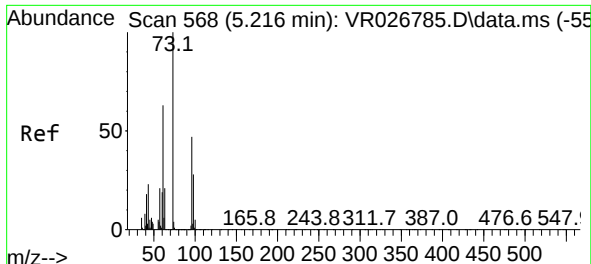
Tgt Ion: 73 Resp: 1039
Ion Ratio Lower Upper
73 100
57 27.1 18.6 28.0



#20
Methylene Chloride
Concen: 23.603 ug/l
RT: 4.723 min Scan# 484
Delta R.T. 0.006 min
Lab File: VR026787.D
Acq: 22 Oct 2025 15:51

Tgt Ion: 84 Resp: 6753
Ion Ratio Lower Upper
84 100
49 90.7 99.0 148.6#
51 2.5 28.6 42.8#
86 40.1 48.2 72.2#

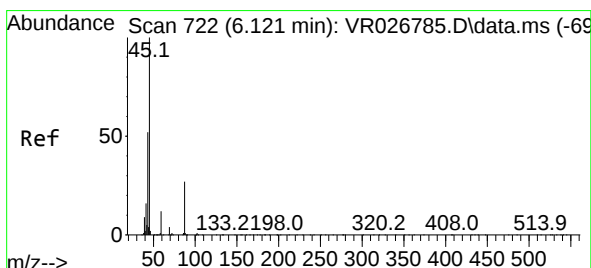
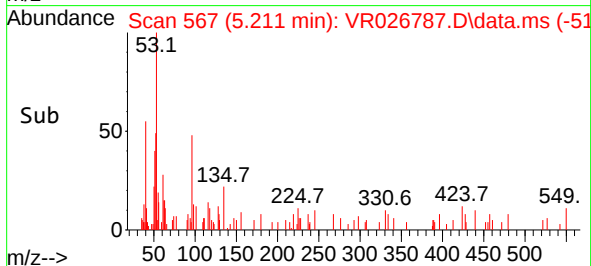
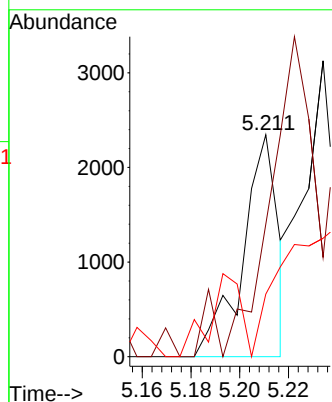
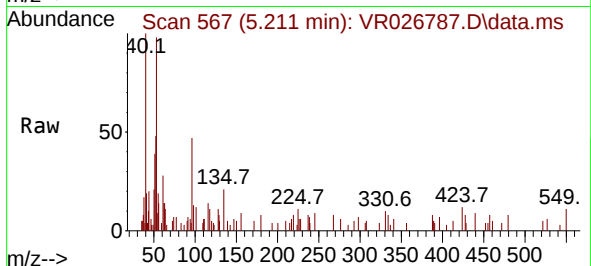




#21
trans-1,2-Dichloroethene
Concen: 10.211 ug/l
RT: 5.211 min Scan# 501
Delta R.T. -0.006 min
Lab File: VR026787.D
Acq: 22 Oct 2025 15:51

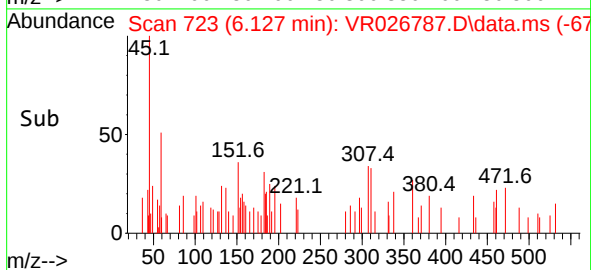
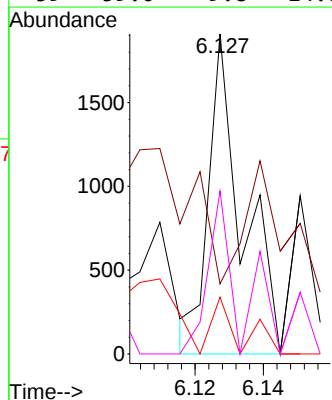
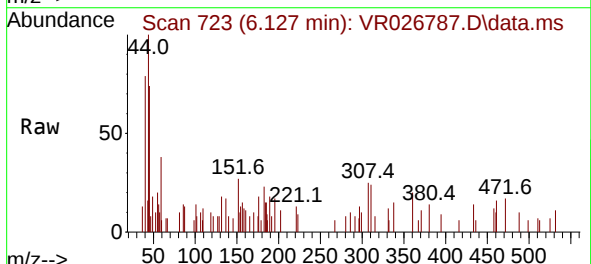
Instrument :
MSVOA_R
ClientSampleId :
VIBLK

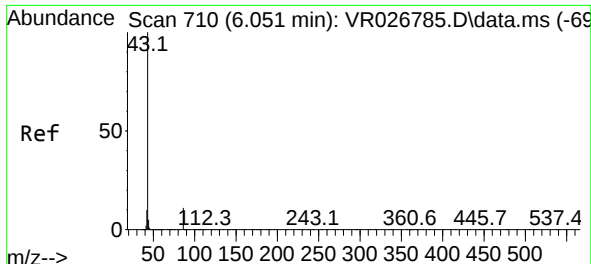
Tgt Ion: 96 Resp: 2372
Ion Ratio Lower Upper
96 100
61 59.7 107.4 161.0#
98 28.2 48.1 72.1#



#22
Diisopropyl ether
Concen: 1.274 ug/l
RT: 6.127 min Scan# 723
Delta R.T. 0.006 min
Lab File: VR026787.D
Acq: 22 Oct 2025 15:51

Tgt Ion: 45 Resp: 1301
Ion Ratio Lower Upper
45 100
43 0.0 41.8 62.8#
87 17.8 21.8 32.8#
59 59.0 9.8 14.8#

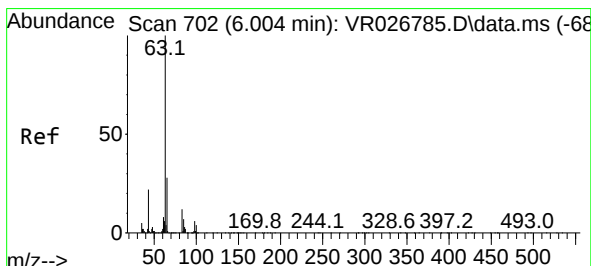
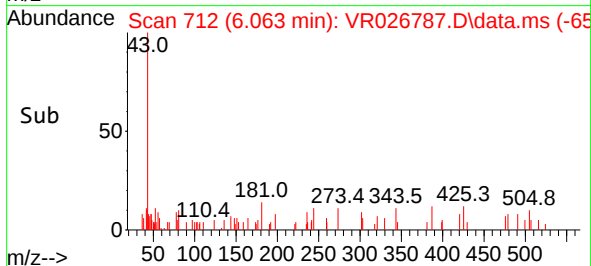
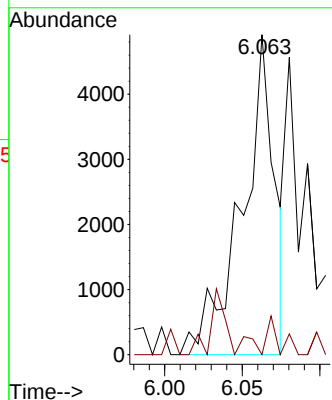
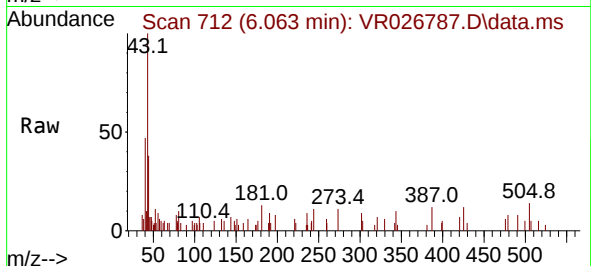




#23
 Vinyl Acetate
 Concen: 10.541 ug/l
 RT: 6.063 min Scan# 710
 Delta R.T. 0.012 min
 Lab File: VR026787.D
 Acq: 22 Oct 2025 15:51

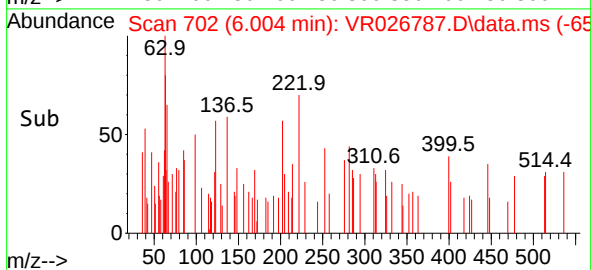
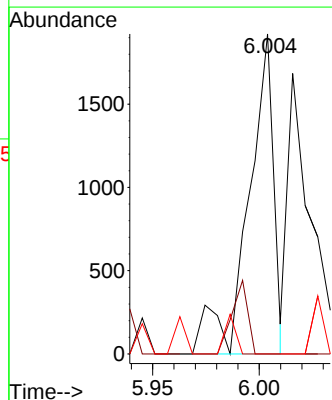
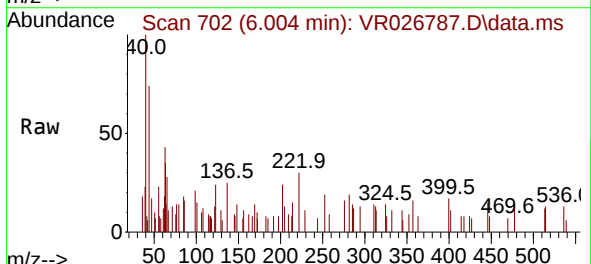
Instrument :
 MSVOA_R
 ClientSampleId :
 VIBLK

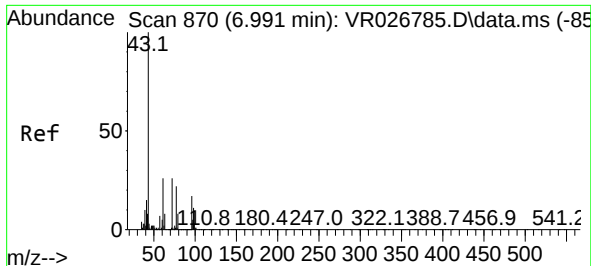
Tgt Ion: 43 Resp: 7088
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.7 13.1#



#24
 1,1-Dichloroethane
 Concen: 3.065 ug/l
 RT: 6.004 min Scan# 702
 Delta R.T. 0.000 min
 Lab File: VR026787.D
 Acq: 22 Oct 2025 15:51

Tgt Ion: 63 Resp: 1593
 Ion Ratio Lower Upper
 63 100
 98 27.5 3.1 9.4#
 100 19.2 2.1 6.3#

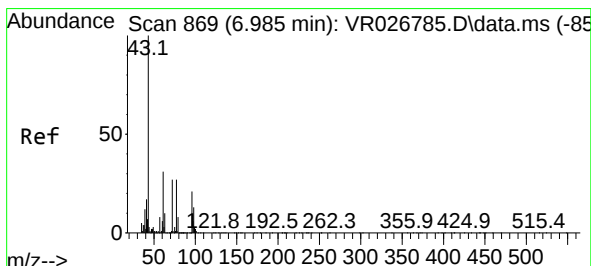
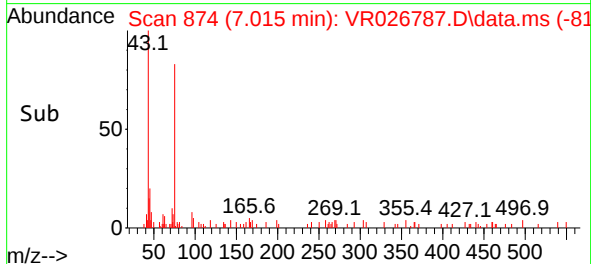
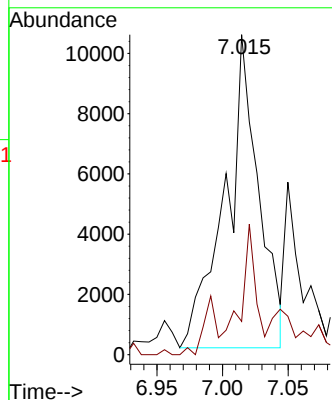
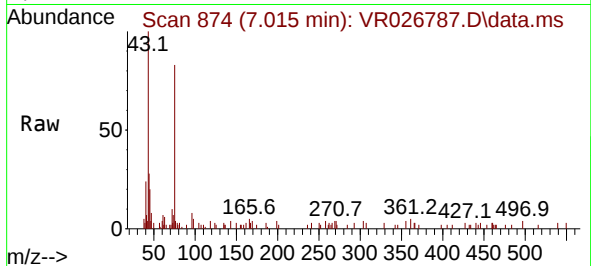




#25
2-Butanone
Concen: 56.916 ug/l
RT: 7.015 min Scan# 81
Delta R.T. 0.024 min
Lab File: VR026787.D
Acq: 22 Oct 2025 15:51

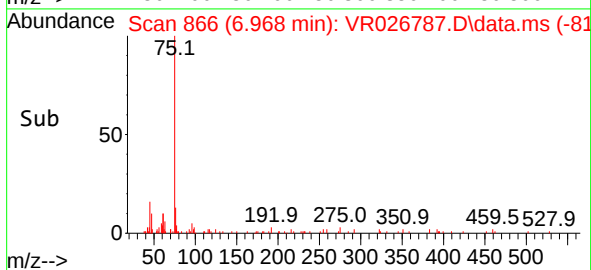
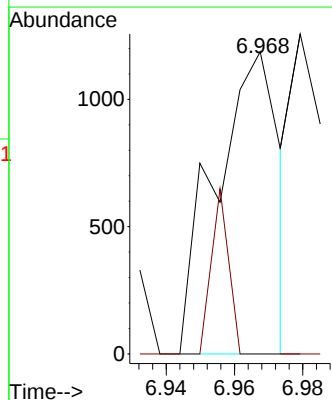
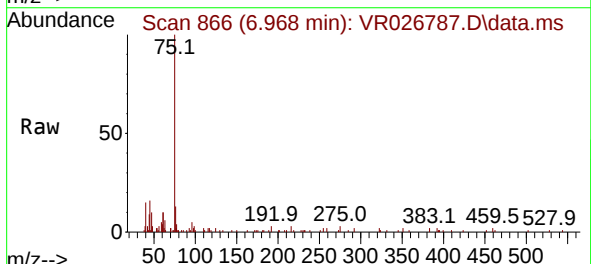
Instrument :
MSVOA_R
ClientSampleId :
VIBLK

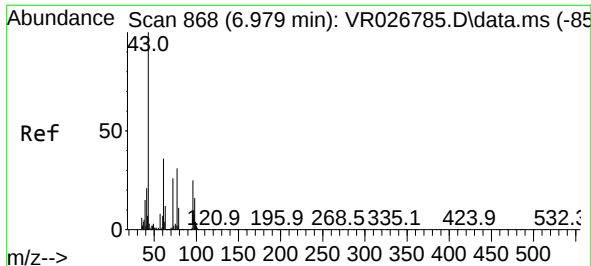
Tgt Ion: 43 Resp: 18410
Ion Ratio Lower Upper
43 100
72 10.6 21.0 31.4#



#26
2,2-Dichloropropane
Concen: 3.473 ug/l
RT: 6.968 min Scan# 866
Delta R.T. -0.017 min
Lab File: VR026787.D
Acq: 22 Oct 2025 15:51

Tgt Ion: 77 Resp: 1542
Ion Ratio Lower Upper
77 100
97 14.9 11.6 34.7

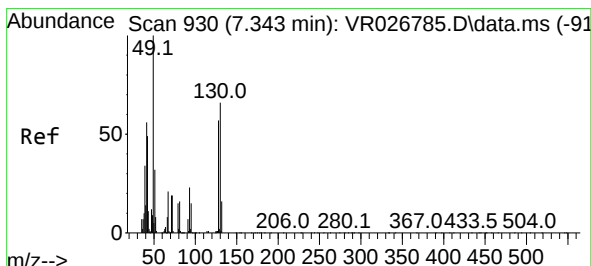
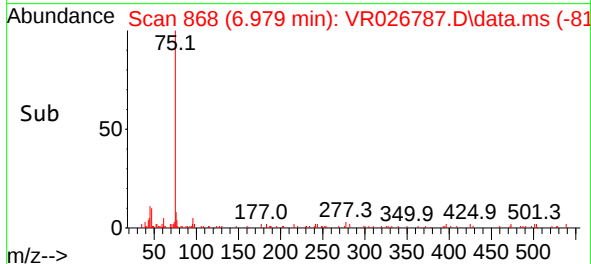
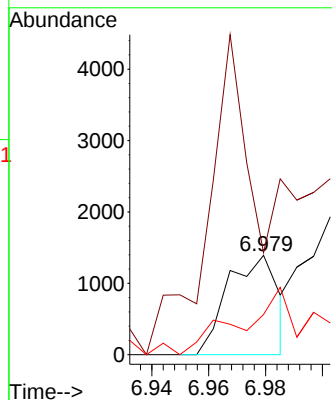
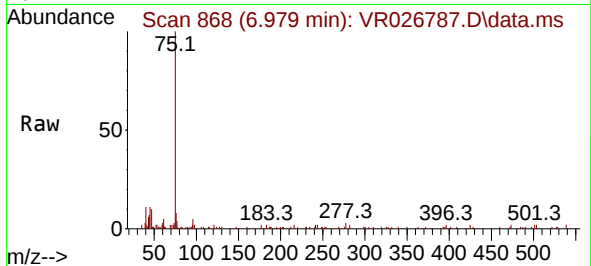




#27
 cis-1,2-Dichloroethene
 Concen: 5.284 ug/l
 RT: 6.979 min Scan# 868
 Delta R.T. 0.000 min
 Lab File: VR026787.D
 Acq: 22 Oct 2025 15:51

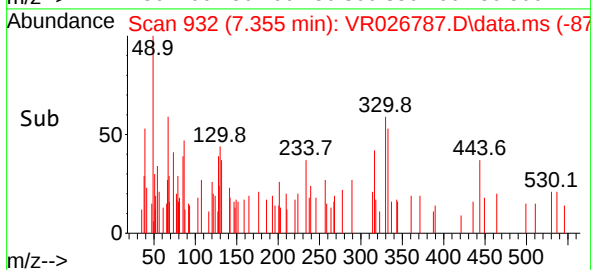
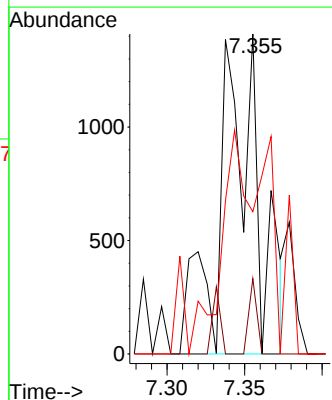
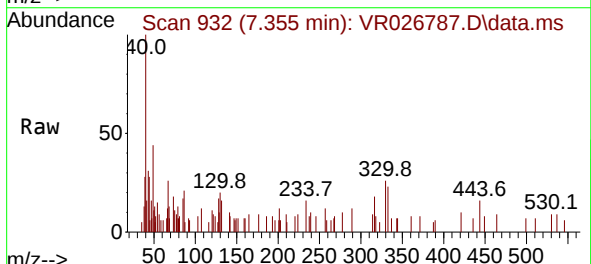
Instrument :
 MSVOA_R
 ClientSampleId :
 VIBLK

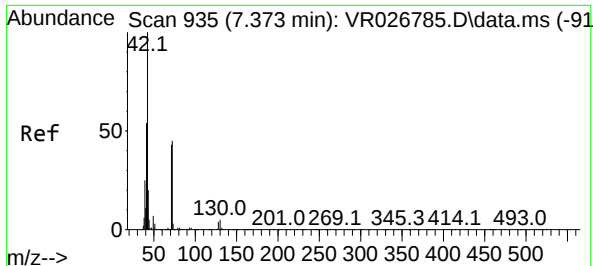
Tgt Ion: 96 Resp: 1715
 Ion Ratio Lower Upper
 96 100
 61 283.6 0.0 291.0
 98 90.5 0.0 127.8



#28
 Bromochloromethane
 Concen: 10.144 ug/l
 RT: 7.355 min Scan# 932
 Delta R.T. 0.012 min
 Lab File: VR026787.D
 Acq: 22 Oct 2025 15:51

Tgt Ion: 49 Resp: 2382
 Ion Ratio Lower Upper
 49 100
 129 4.9 0.0 2.6#
 130 34.0 53.8 80.6#

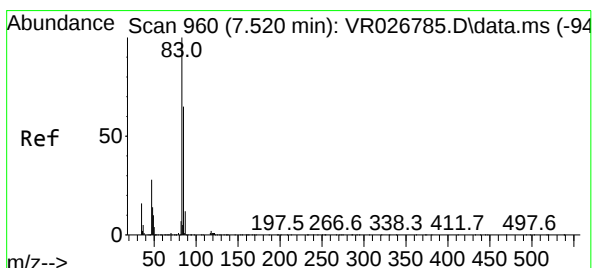
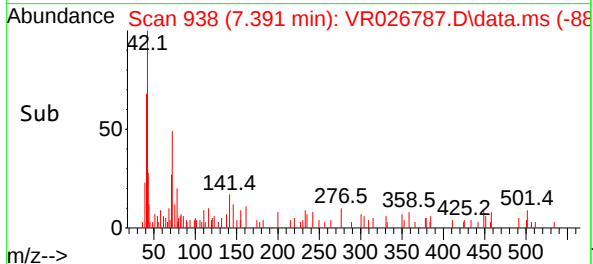
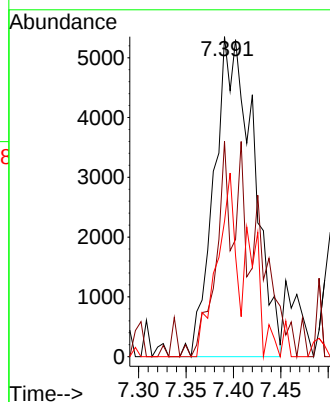
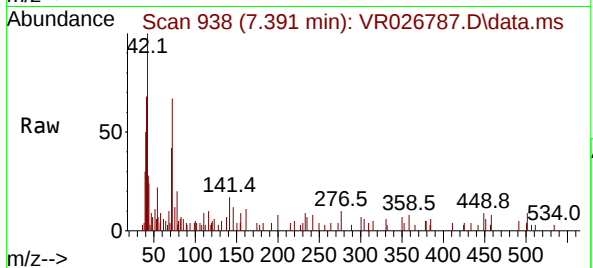




#29
Tetrahydrofuran
Concen: 86.853 ug/l
RT: 7.391 min Scan# 91
Delta R.T. 0.018 min
Lab File: VR026787.D
Acq: 22 Oct 2025 15:51

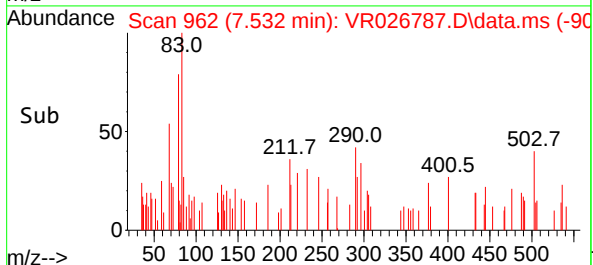
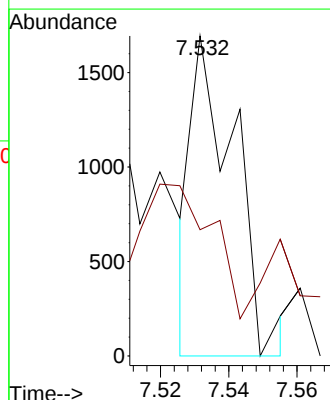
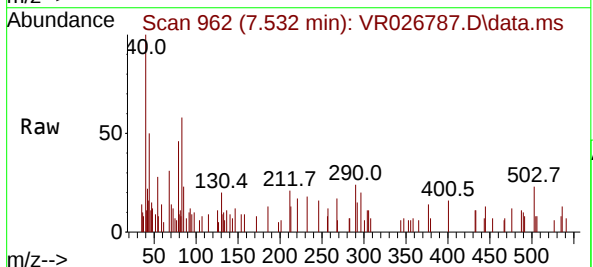
Instrument :
MSVOA_R
ClientSampleId :
VIBLK

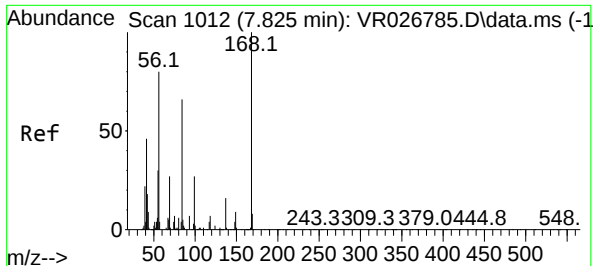
Tgt Ion:	42	Resp:	15506
Ion	Ratio	Lower	Upper
42	100		
72	27.6	35.4	53.0#
71	27.6	32.8	49.2#



#30
Chloroform
Concen: 2.935 ug/l
RT: 7.532 min Scan# 962
Delta R.T. 0.012 min
Lab File: VR026787.D
Acq: 22 Oct 2025 15:51

Tgt Ion:	83	Resp:	1477
Ion	Ratio	Lower	Upper
83	100		
85	3.4	51.7	77.5#

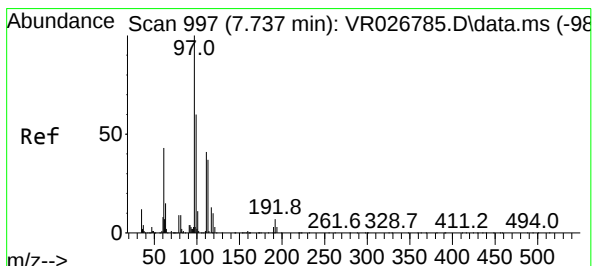
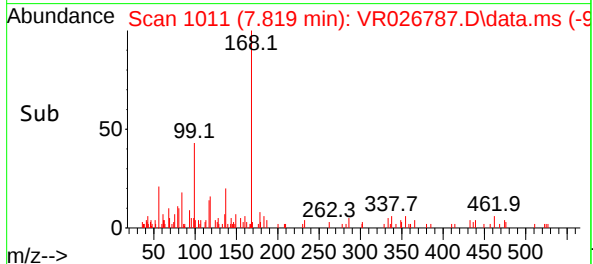
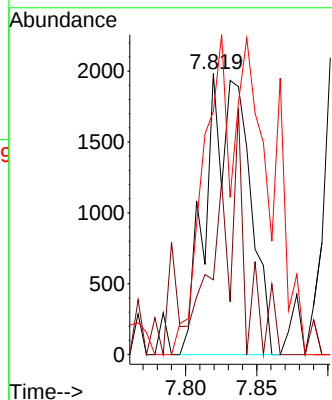
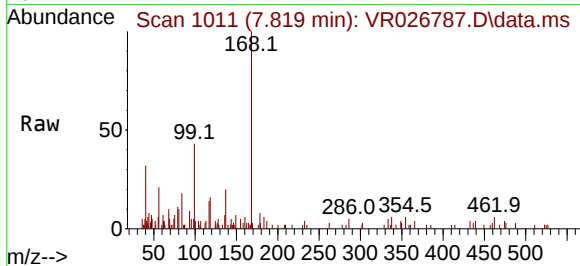




#31
Cyclohexane
Concen: 9.506 ug/l
RT: 7.819 min Scan# 1011
Delta R.T. -0.006 min
Lab File: VR026787.D
Acq: 22 Oct 2025 15:51

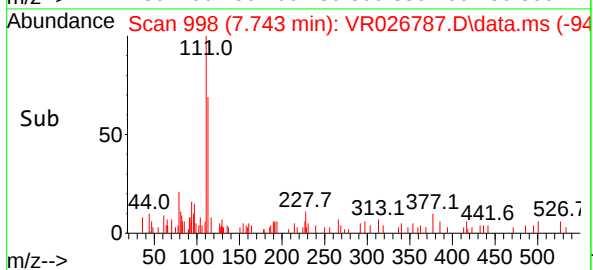
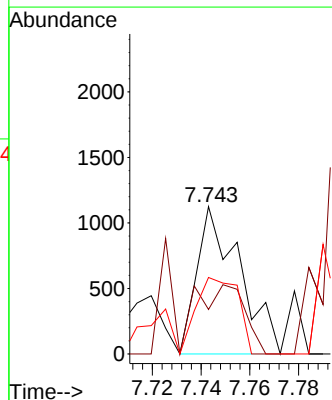
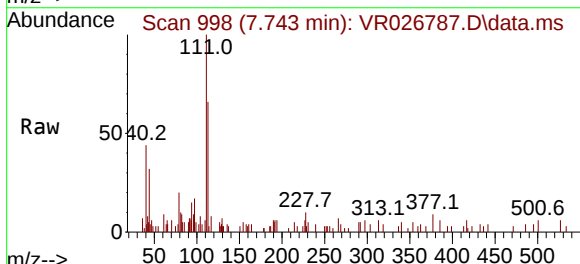
Instrument :
MSVOA_R
ClientSampleId :
VIBLK

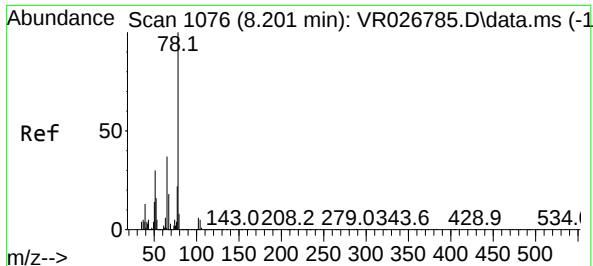
Tgt Ion: 56 Resp: 4131
Ion Ratio Lower Upper
56 100
69 26.6 26.9 40.3#
84 75.3 66.1 99.1



#32
1,1,1-Trichloroethane
Concen: 3.287 ug/l
RT: 7.743 min Scan# 998
Delta R.T. 0.006 min
Lab File: VR026787.D
Acq: 22 Oct 2025 15:51

Tgt Ion: 97 Resp: 1369
Ion Ratio Lower Upper
97 100
99 31.6 49.5 74.3#
61 51.0 36.9 55.3





#33

1,2-Dichloroethane-d4

Concen: 92.445 ug/l

RT: 8.201 min Scan# 1107

Delta R.T. 0.000 min

Lab File: VR026787.D

Acq: 22 Oct 2025 15:51

Instrument :

MSVOA_R

ClientSampleId :

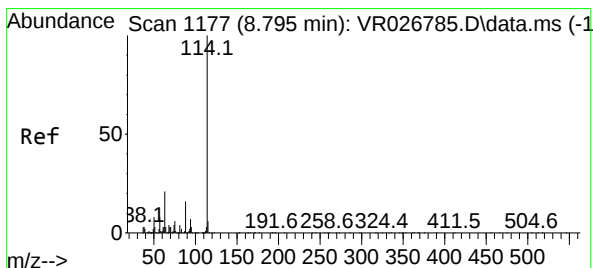
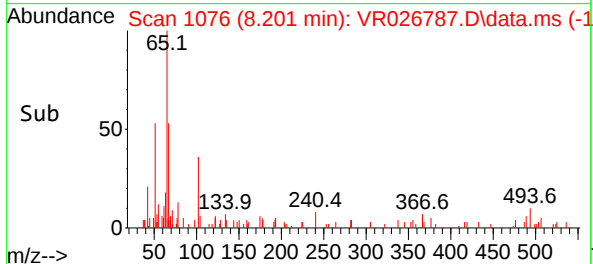
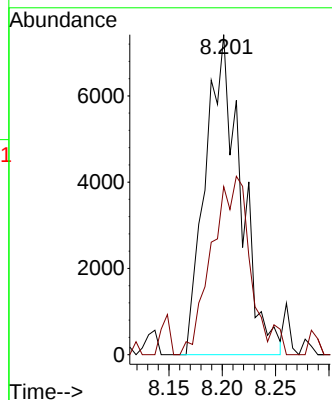
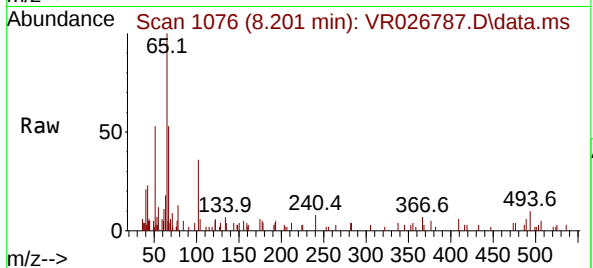
VIBLK

Tgt Ion: 65 Resp: 17005

Ion Ratio Lower Upper

65 100

67 61.7 0.0 108.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.789 min Scan# 1176

Delta R.T. -0.006 min

Lab File: VR026787.D

Acq: 22 Oct 2025 15:51

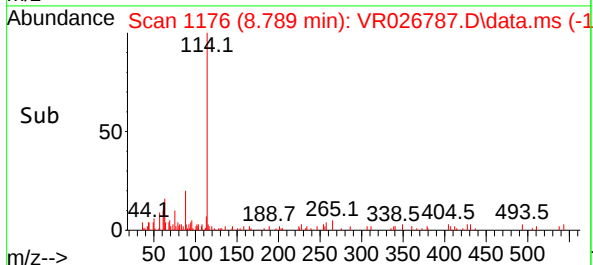
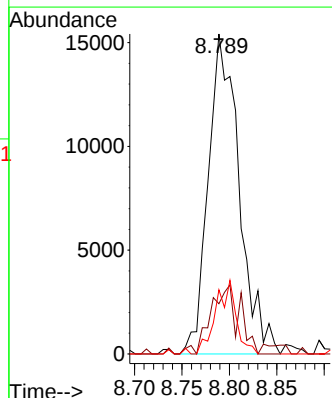
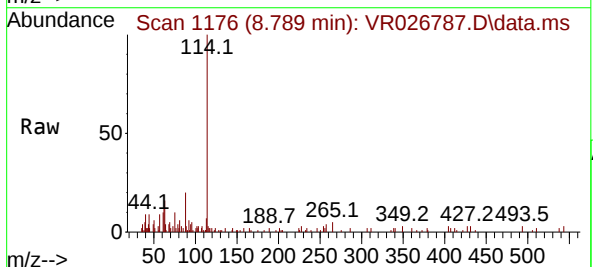
Tgt Ion: 114 Resp: 34946

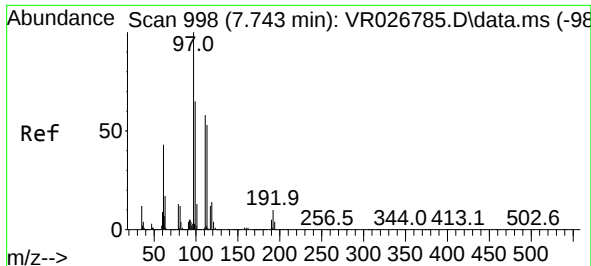
Ion Ratio Lower Upper

114 100

63 15.7 0.0 41.4

88 20.1 0.0 31.4

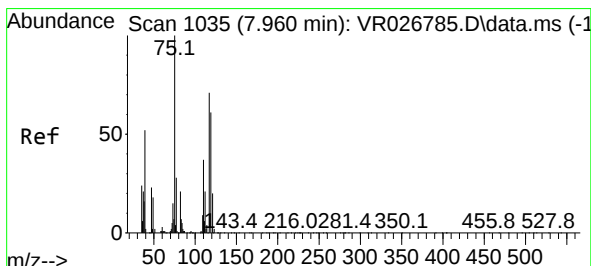
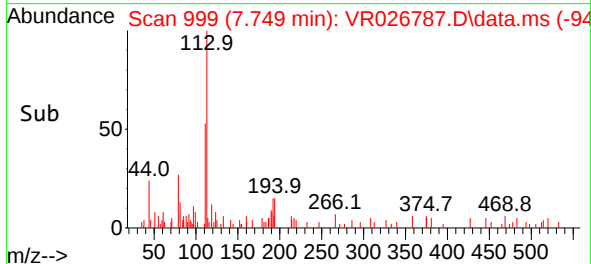
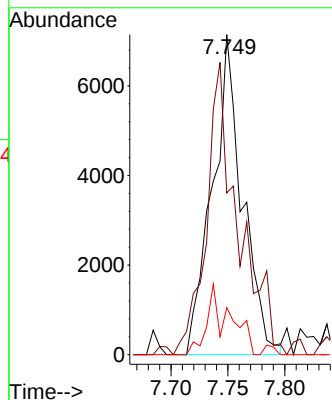
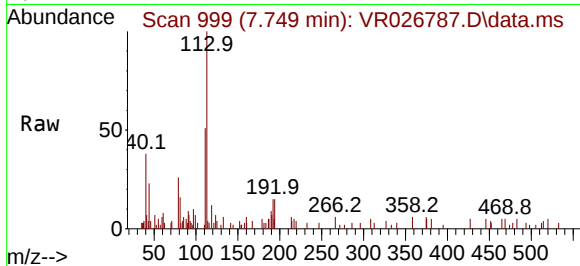




#35
Dibromofluoromethane
Concen: 91.452 ug/l
RT: 7.749 min Scan# 998
Delta R.T. 0.006 min
Lab File: VR026787.D
Acq: 22 Oct 2025 15:51

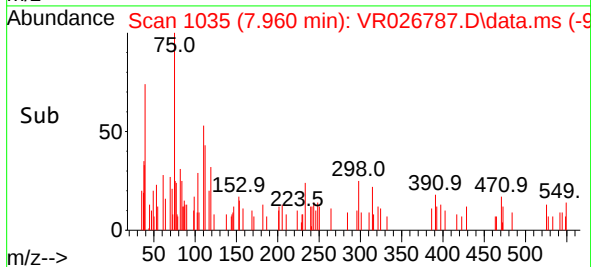
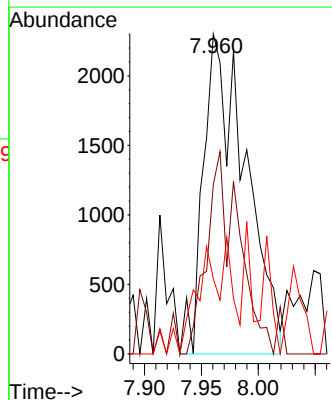
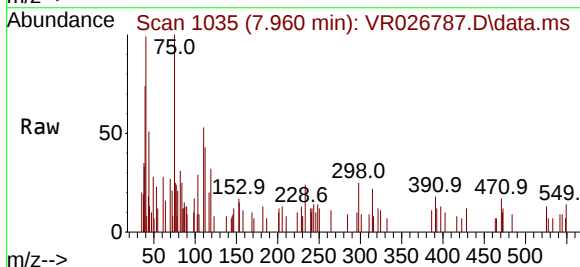
Instrument :
MSVOA_R
ClientSampleId :
VIBLK

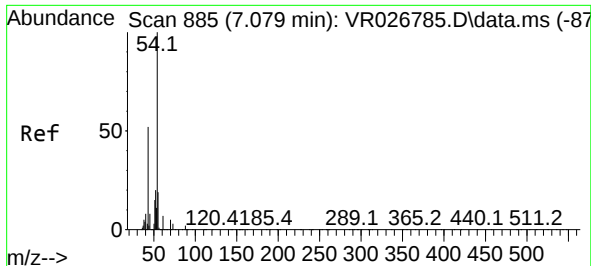
Tgt Ion:113 Resp: 13137
Ion Ratio Lower Upper
113 100
111 96.8 86.0 129.0
192 16.7 14.6 22.0



#36
1,1-Dichloropropene
Concen: 21.574 ug/l
RT: 7.960 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VR026787.D
Acq: 22 Oct 2025 15:51

Tgt Ion: 75 Resp: 5953
Ion Ratio Lower Upper
75 100
110 47.4 17.4 52.2
77 17.7 23.8 35.8#

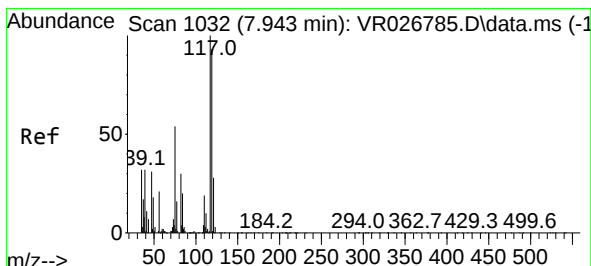
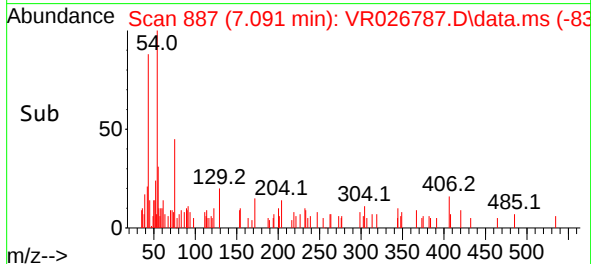
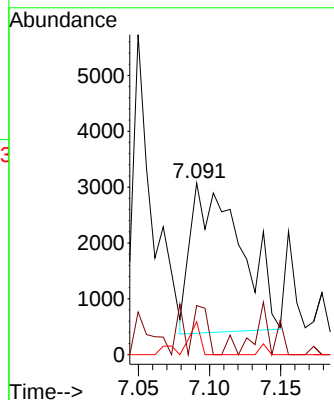
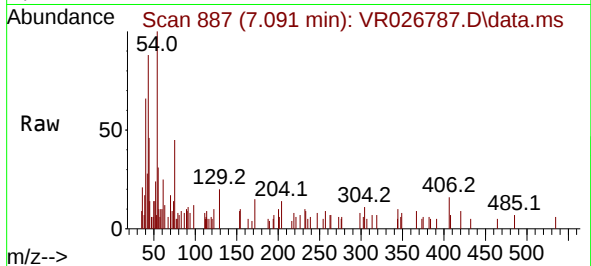




#37
Ethyl Acetate
Concen: 16.112 ug/l
RT: 7.091 min Scan# 885
Delta R.T. 0.012 min
Lab File: VR026787.D
Acq: 22 Oct 2025 15:51

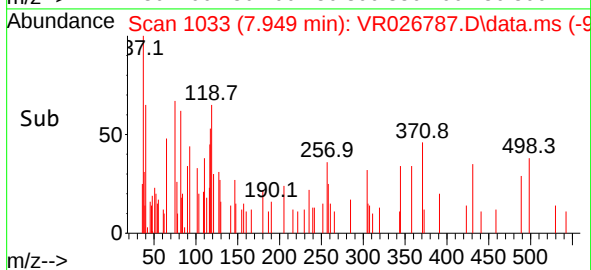
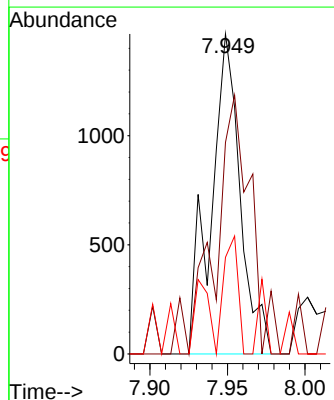
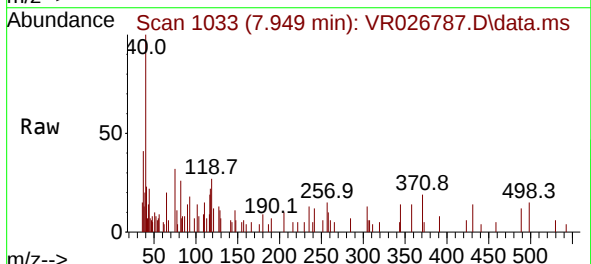
Instrument :
MSVOA_R
ClientSampleId :
VIBLK

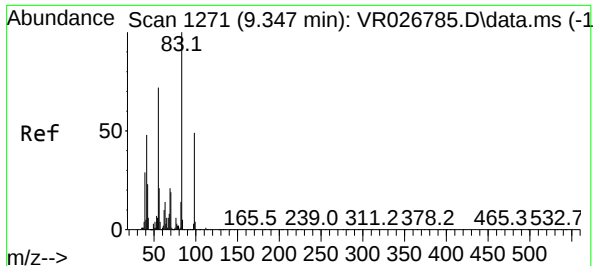
Tgt Ion: 43 Resp: 6513
Ion Ratio Lower Upper
43 100
61 14.2 11.0 16.6
70 6.3 7.8 11.8#



#38
Carbon Tetrachloride
Concen: 7.489 ug/l
RT: 7.949 min Scan# 1033
Delta R.T. 0.006 min
Lab File: VR026787.D
Acq: 22 Oct 2025 15:51

Tgt Ion: 117 Resp: 1927
Ion Ratio Lower Upper
117 100
119 66.1 74.3 111.5#
121 30.2 22.6 33.8





#39

Methylcyclohexane

Concen: 19.197 ug/l

RT: 9.341 min Scan# 11

Delta R.T. -0.006 min

Lab File: VR026787.D

Acq: 22 Oct 2025 15:51

Instrument :

MSVOA_R

ClientSampleId :

VIBLK

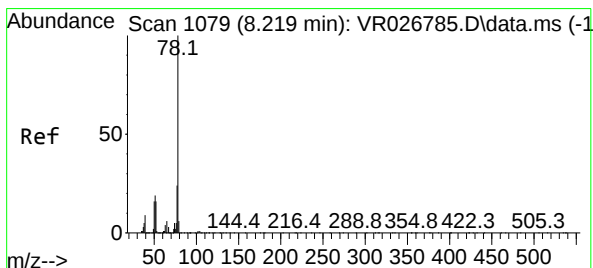
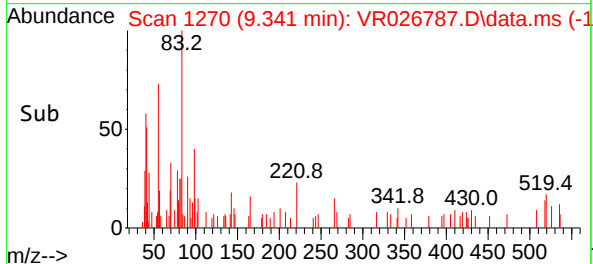
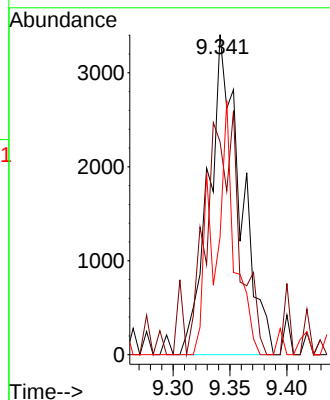
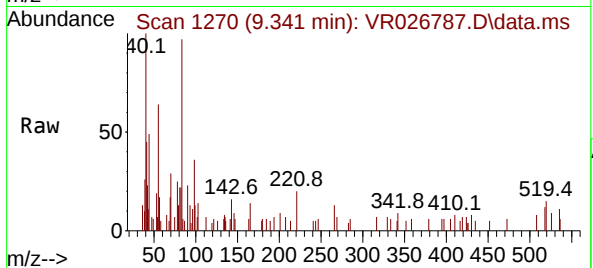
Tgt Ion: 83 Resp: 6661

Ion Ratio Lower Upper

83 100

55 66.5 57.1 85.7

98 36.7 39.4 59.2#



#40

Benzene

Concen: 6.843 ug/l

RT: 8.237 min Scan# 1082

Delta R.T. 0.018 min

Lab File: VR026787.D

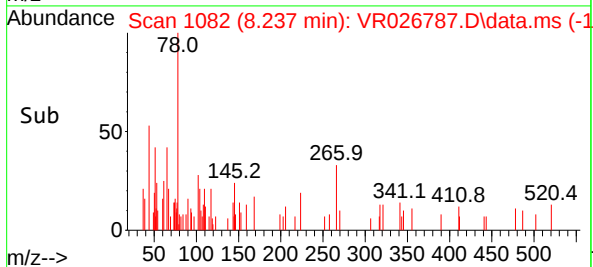
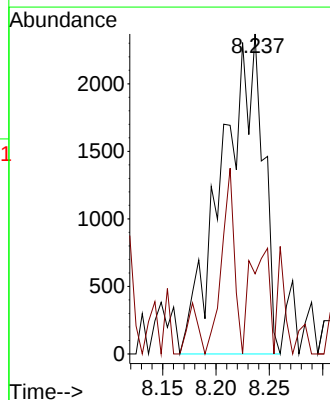
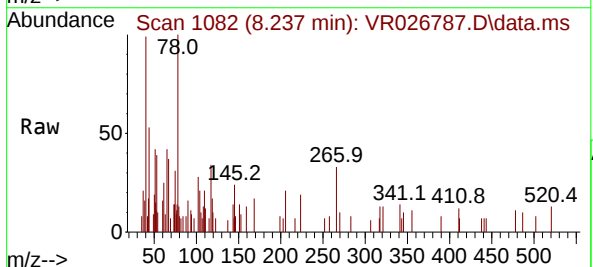
Acq: 22 Oct 2025 15:51

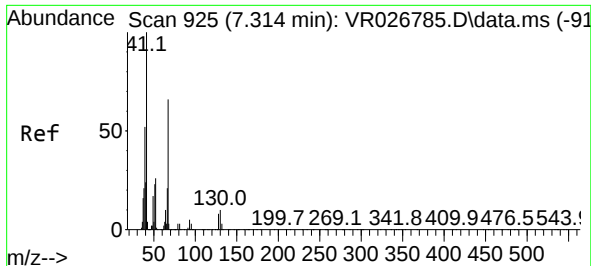
Tgt Ion: 78 Resp: 6325

Ion Ratio Lower Upper

78 100

77 25.1 19.3 28.9

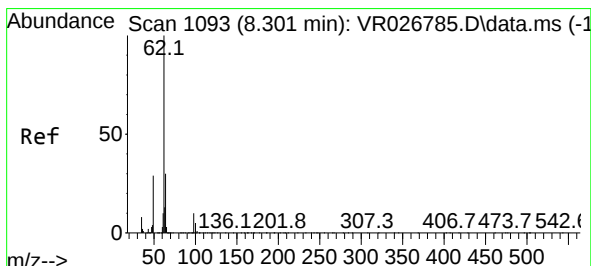
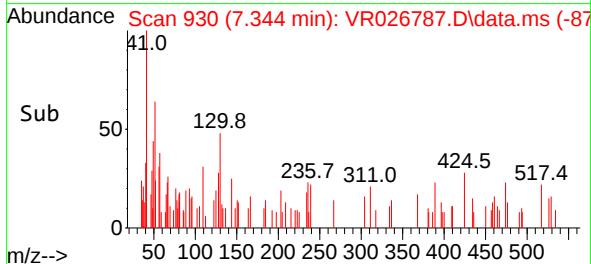
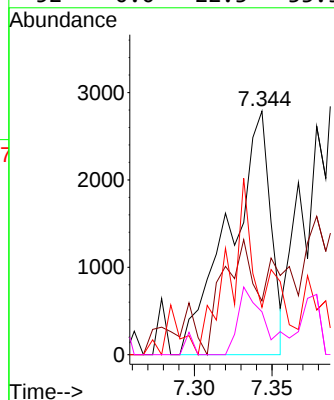
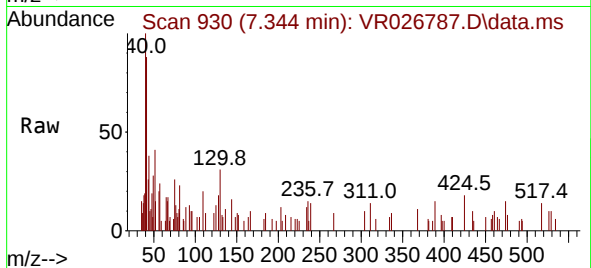




#41
Methacrylonitrile
Concen: 21.651 ug/l
RT: 7.344 min Scan# 91
Delta R.T. 0.030 min
Lab File: VR026787.D
Acq: 22 Oct 2025 15:51

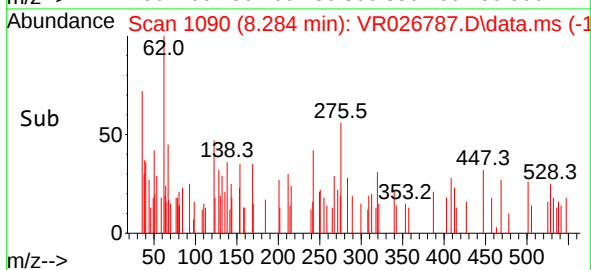
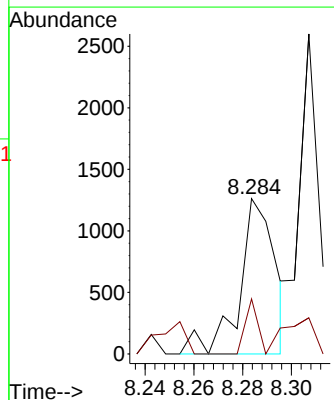
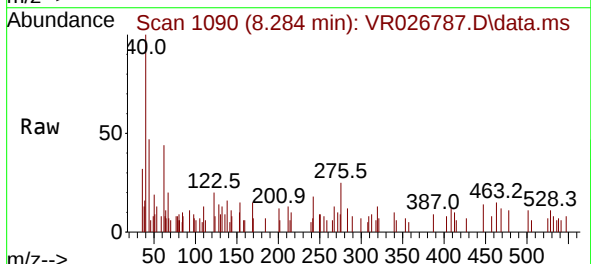
Instrument :
MSVOA_R
ClientSampleId :
VIBLK

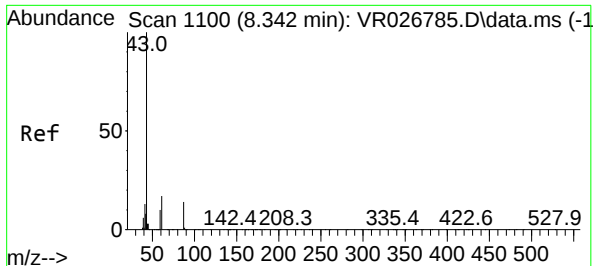
Tgt Ion:	41	Resp:	5159
Ion	Ratio	Lower	Upper
41	100		
39	20.1	40.3	60.5#
67	0.0	57.3	85.9#
52	0.0	22.3	33.5#



#42
1,2-Dichloroethane
Concen: 4.243 ug/l
RT: 8.284 min Scan# 1090
Delta R.T. -0.017 min
Lab File: VR026787.D
Acq: 22 Oct 2025 15:51

Tgt Ion:	62	Resp:	1285
Ion	Ratio	Lower	Upper
62	100		
98	12.3	0.0	19.4

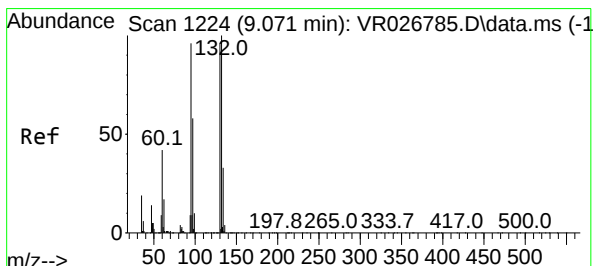
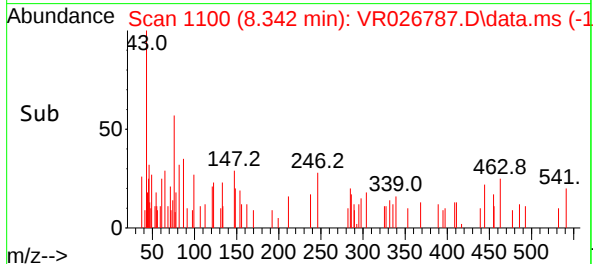
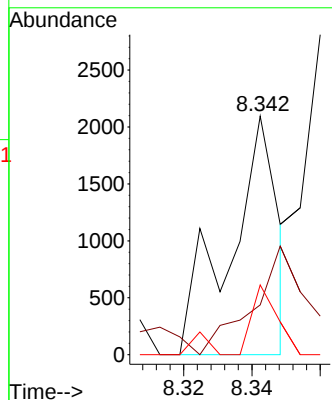
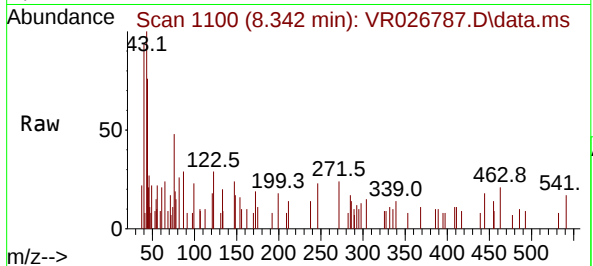




#43
Isopropyl Acetate
Concen: 3.070 ug/l
RT: 8.342 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VR026787.D
Acq: 22 Oct 2025 15:51

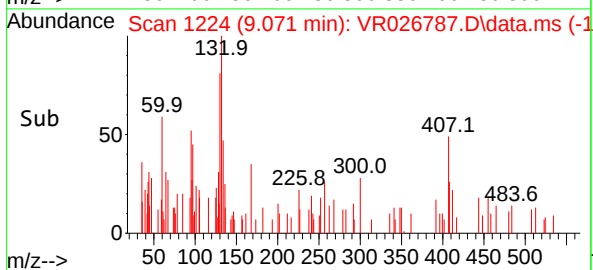
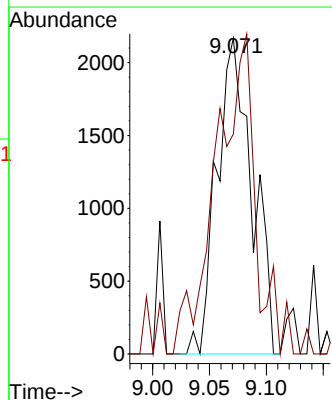
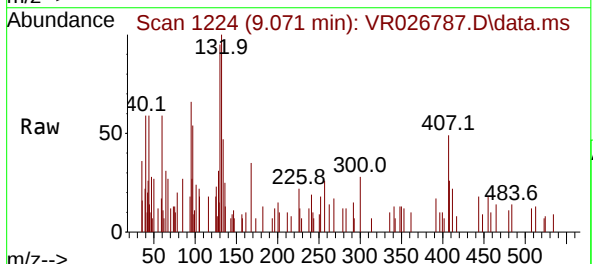
Instrument :
MSVOA_R
ClientSampleId :
VIBLK

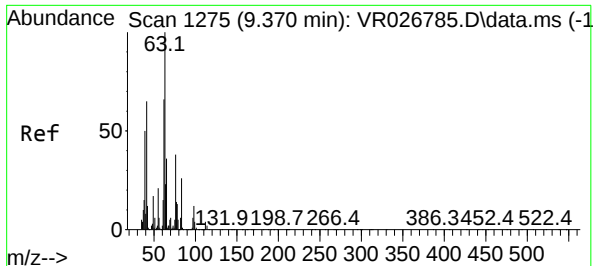
Tgt Ion: 43 Resp: 2078
Ion Ratio Lower Upper
43 100
61 63.3 20.0 30.0#
87 18.7 10.5 15.7#



#44
Trichloroethene
Concen: 21.115 ug/l
RT: 9.071 min Scan# 1224
Delta R.T. 0.000 min
Lab File: VR026787.D
Acq: 22 Oct 2025 15:51

Tgt Ion:130 Resp: 4658
Ion Ratio Lower Upper
130 100
95 69.5 0.0 198.6





#45

1,2-Dichloropropane

Concen: 7.892 ug/l

RT: 9.376 min Scan# 1275

Delta R.T. 0.006 min

Lab File: VR026787.D

Acq: 22 Oct 2025 15:51

Instrument :

MSVOA_R

ClientSampleId :

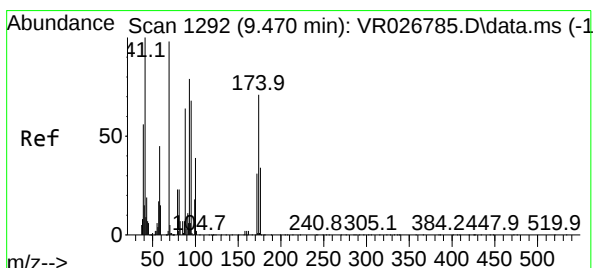
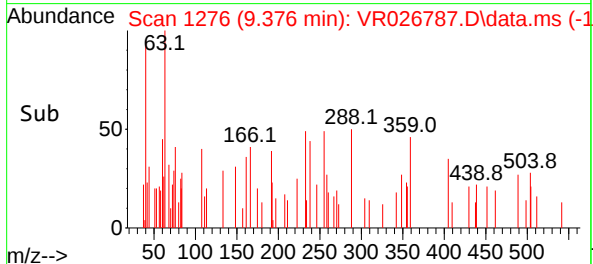
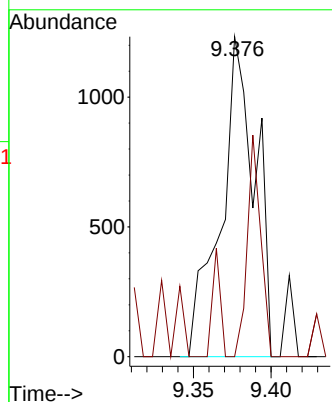
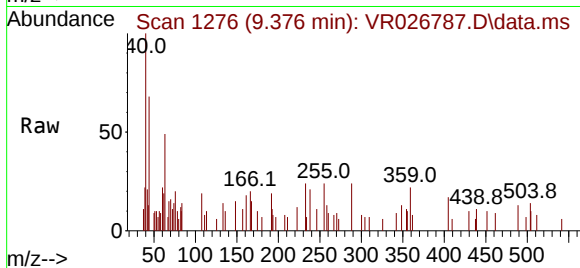
VIBLK

Tgt Ion: 63 Resp: 1905

Ion Ratio Lower Upper

63 100

65 0.0 28.6 43.0#



#46

Dibromomethane

Concen: 16.984 ug/l

RT: 9.476 min Scan# 1293

Delta R.T. 0.006 min

Lab File: VR026787.D

Acq: 22 Oct 2025 15:51

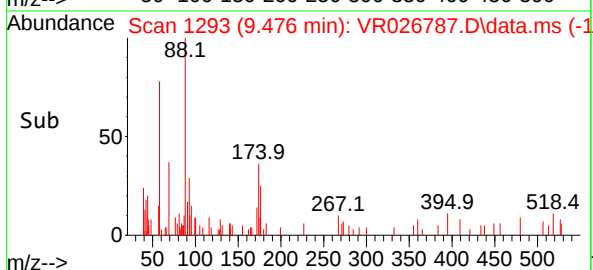
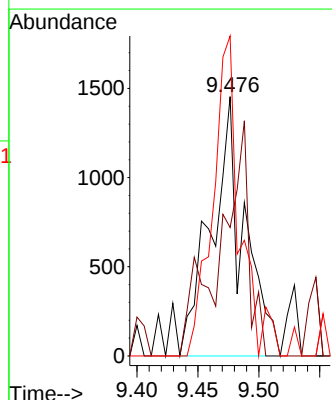
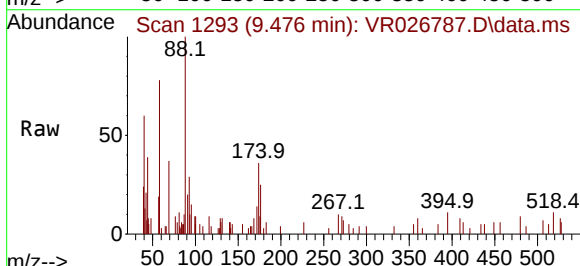
Tgt Ion: 93 Resp: 2721

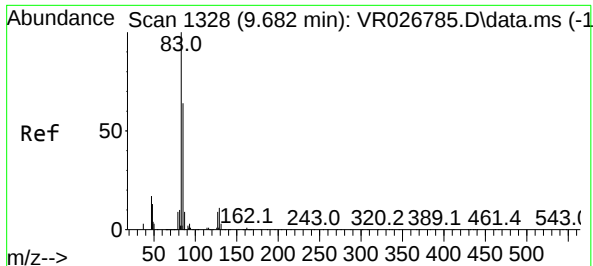
Ion Ratio Lower Upper

93 100

95 55.5 67.0 100.4#

174 102.1 71.1 106.7

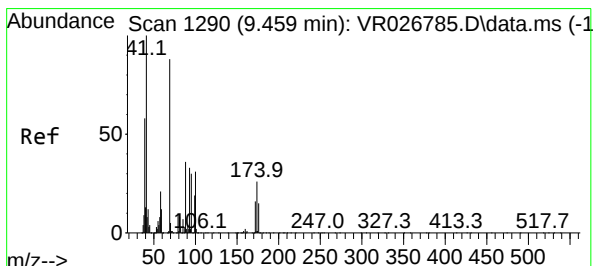
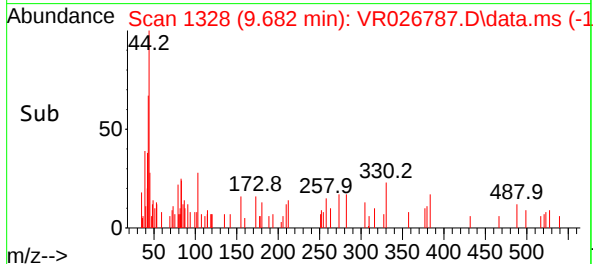
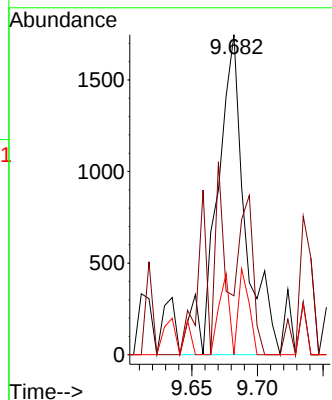
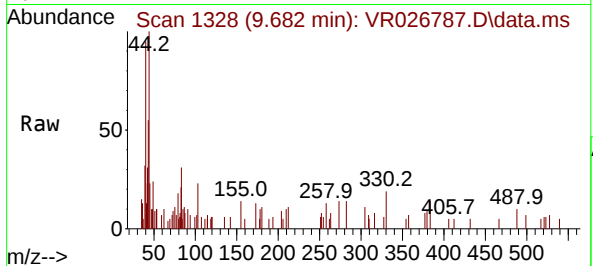




#47
Bromodichloromethane
Concen: 7.909 ug/l
RT: 9.682 min Scan# 11
Delta R.T. 0.000 min
Lab File: VR026787.D
Acq: 22 Oct 2025 15:51

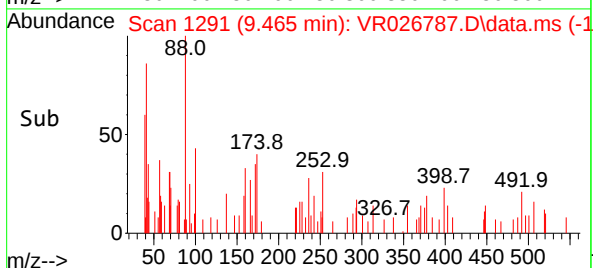
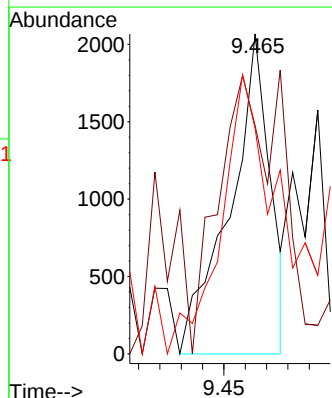
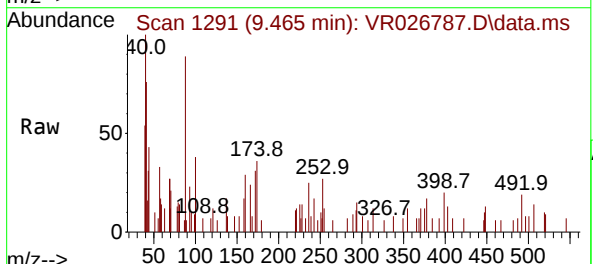
Instrument :
MSVOA_R
ClientSampleId :
VIBLK

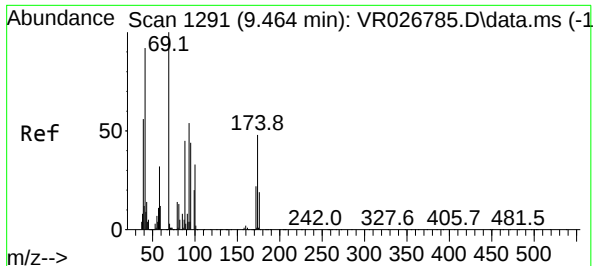
Tgt Ion: 83 Resp: 2636
Ion Ratio Lower Upper
83 100
85 18.4 51.0 76.4#
127 0.0 6.9 10.3#



#48
Methyl methacrylate
Concen: 8.576 ug/l
RT: 9.465 min Scan# 1291
Delta R.T. 0.006 min
Lab File: VR026787.D
Acq: 22 Oct 2025 15:51

Tgt Ion: 41 Resp: 2728
Ion Ratio Lower Upper
41 100
69 136.8 70.2 105.4#
39 127.4 48.7 73.1#





#49

1,4-Dioxane

Concen: 1001.432 ug/l

RT: 9.476 min Scan# 1

Delta R.T. 0.012 min

Lab File: VR026787.D

Acq: 22 Oct 2025 15:51

Instrument :

MSVOA_R

ClientSampleId :

VIBLK

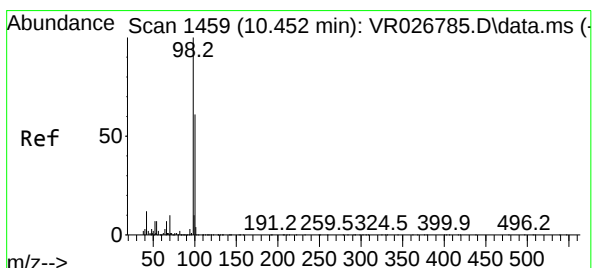
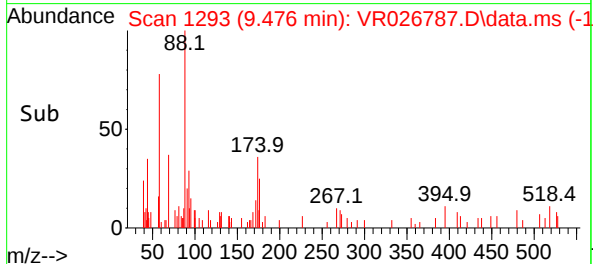
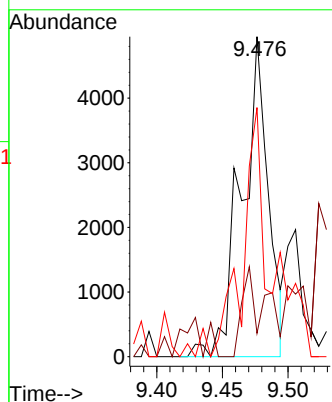
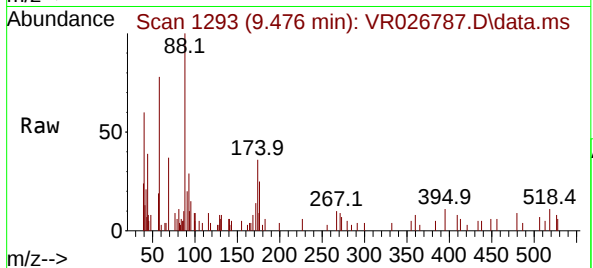
Tgt Ion: 88 Resp: 7010

Ion Ratio Lower Upper

88 100

43 13.0 23.4 35.2#

58 62.8 52.7 79.1



#50

Toluene-d8

Concen: 58.055 ug/l

RT: 10.446 min Scan# 1458

Delta R.T. -0.006 min

Lab File: VR026787.D

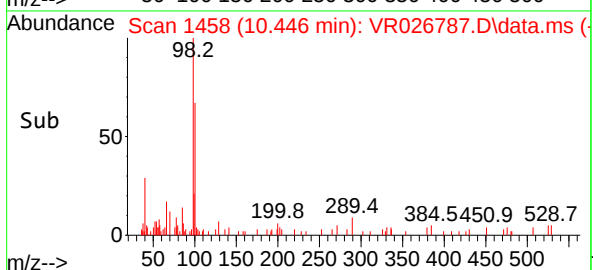
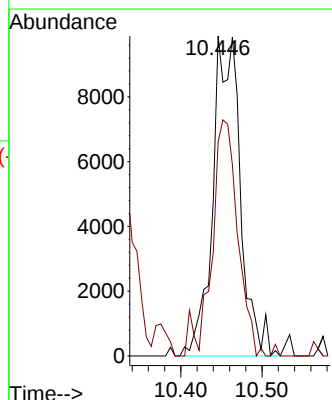
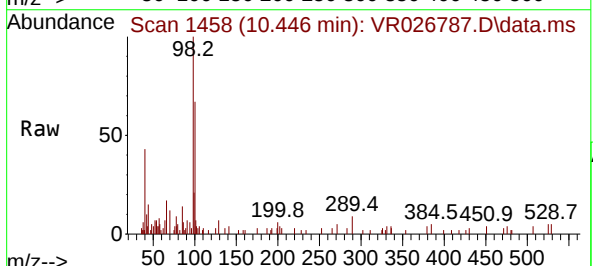
Acq: 22 Oct 2025 15:51

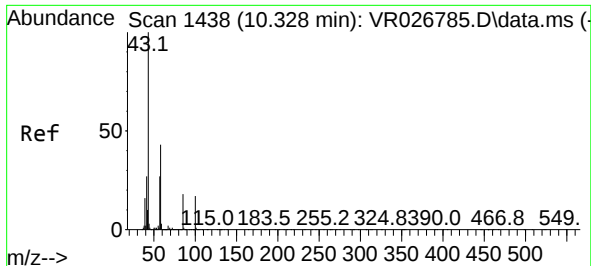
Tgt Ion: 98 Resp: 23265

Ion Ratio Lower Upper

98 100

100 65.7 52.5 78.7

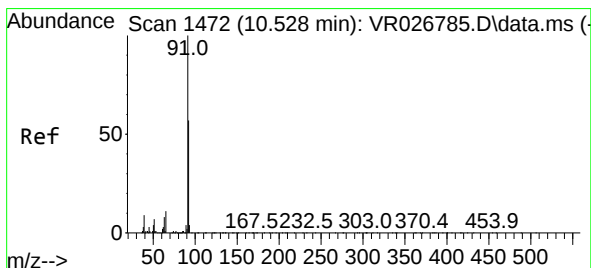
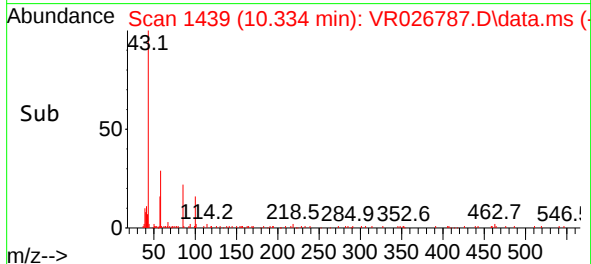
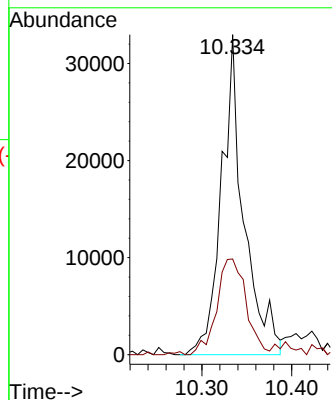
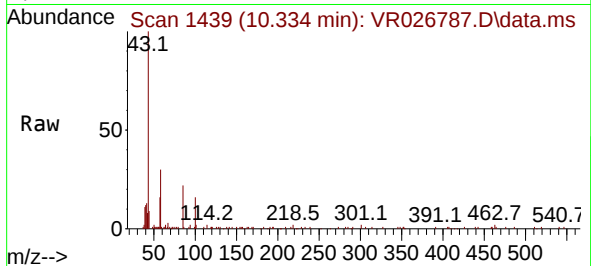




#51
4-Methyl-2-Pentanone
Concen: 128.527 ug/l
RT: 10.334 min Scan# 1439
Delta R.T. 0.006 min
Lab File: VR026787.D
Acq: 22 Oct 2025 15:51

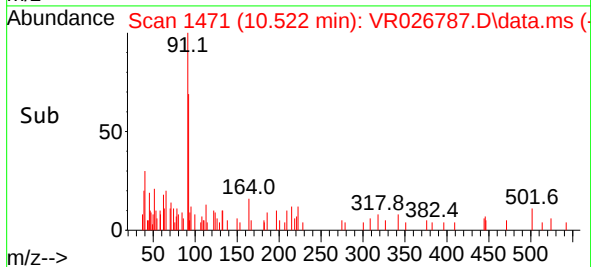
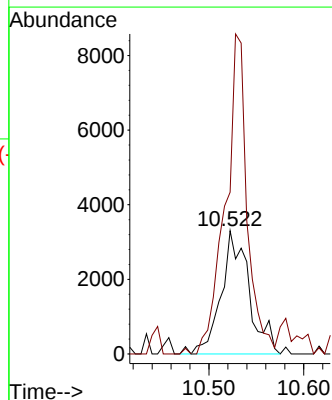
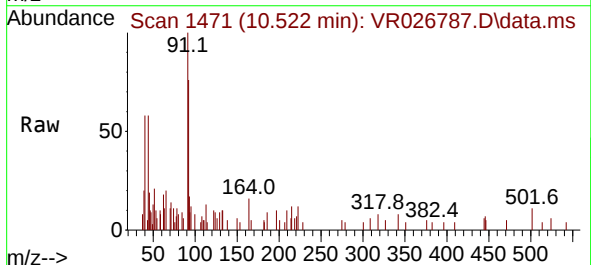
Instrument :
MSVOA_R
ClientSampleId :
VIBLK

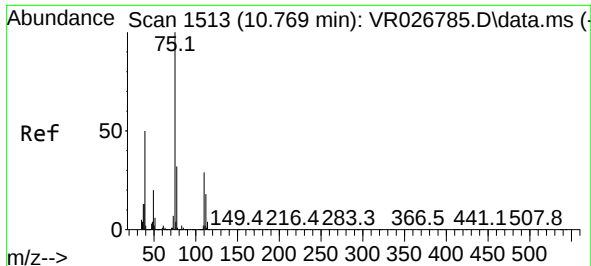
Tgt Ion: 43 Resp: 57046
Ion Ratio Lower Upper
43 100
58 39.2 33.1 49.7



#52
Toluene
Concen: 10.920 ug/l
RT: 10.522 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VR026787.D
Acq: 22 Oct 2025 15:51

Tgt Ion: 92 Resp: 6800
Ion Ratio Lower Upper
92 100
91 201.6 139.6 209.4

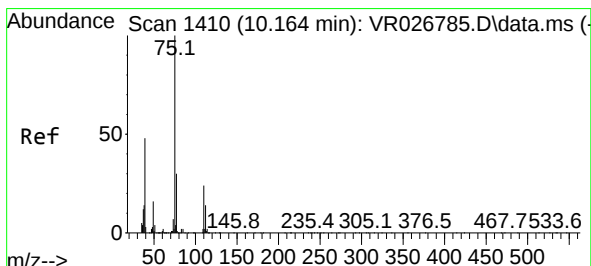
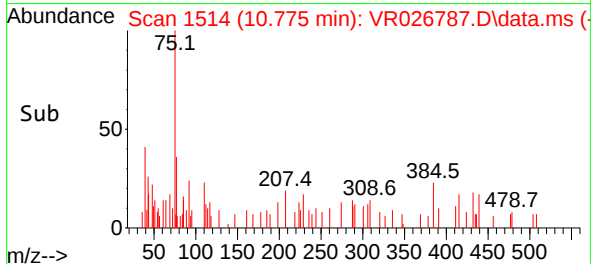
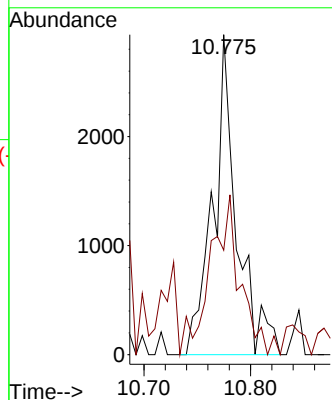
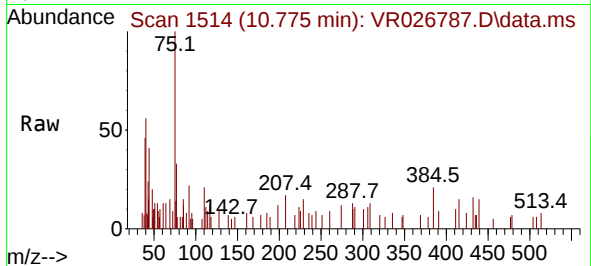




#53
t-1,3-Dichloropropene
Concen: 11.793 ug/l
RT: 10.775 min Scan# 11
Delta R.T. 0.006 min
Lab File: VR026787.D
Acq: 22 Oct 2025 15:51

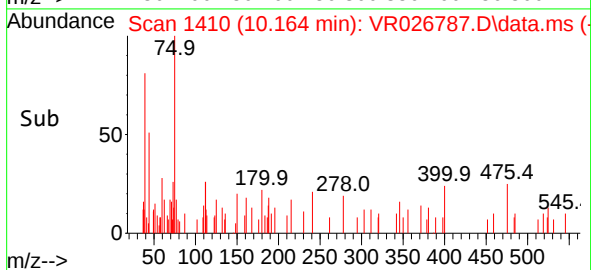
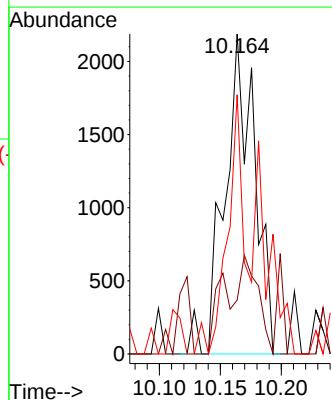
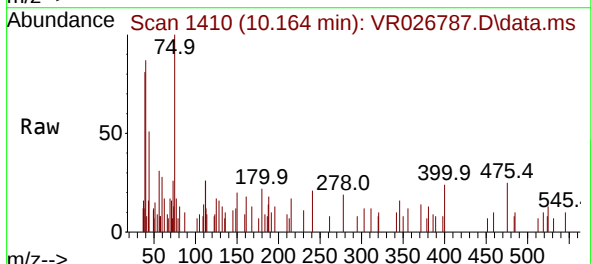
Instrument :
MSVOA_R
ClientSampleId :
VIBLK

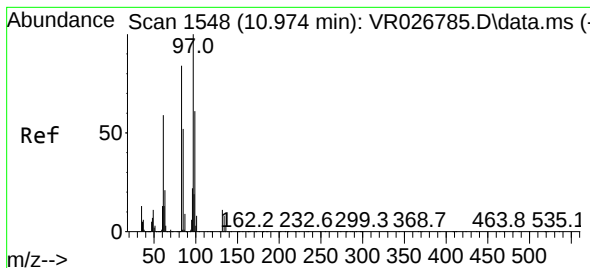
Tgt Ion: 75 Resp: 4485
Ion Ratio Lower Upper
75 100
77 32.7 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 9.433 ug/l
RT: 10.164 min Scan# 1410
Delta R.T. 0.000 min
Lab File: VR026787.D
Acq: 22 Oct 2025 15:51

Tgt Ion: 75 Resp: 3732
Ion Ratio Lower Upper
75 100
77 0.0 23.7 35.5#
39 69.7 38.6 58.0#

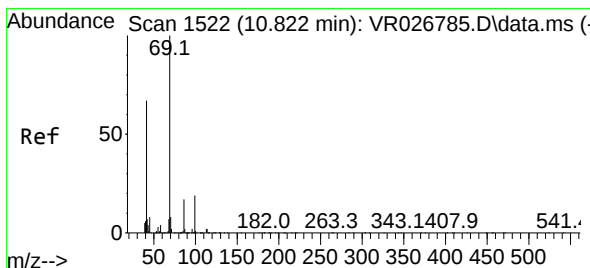
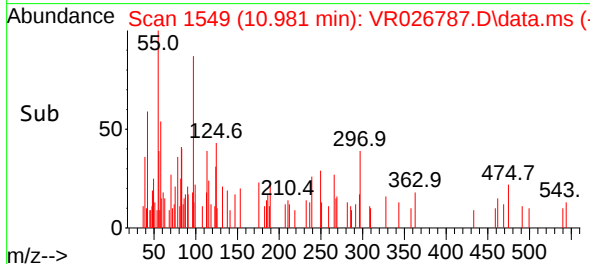
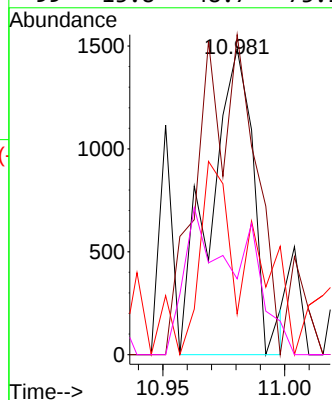
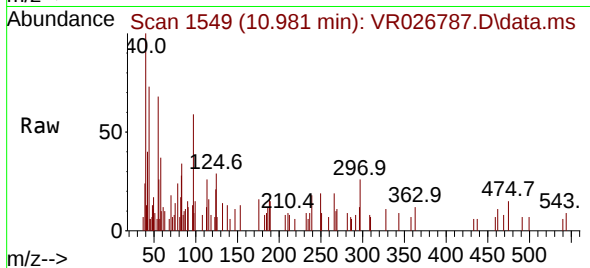




#55
1,1,2-Trichloroethane
Concen: 7.338 ug/l
RT: 10.981 min Scan# 1549
Delta R.T. 0.006 min
Lab File: VR026787.D
Acq: 22 Oct 2025 15:51

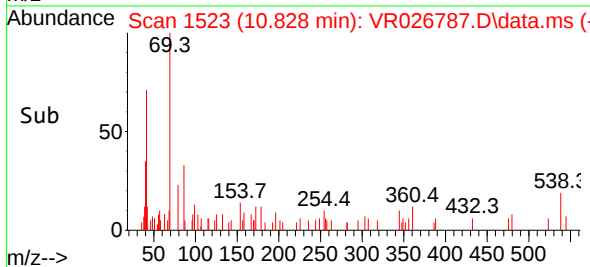
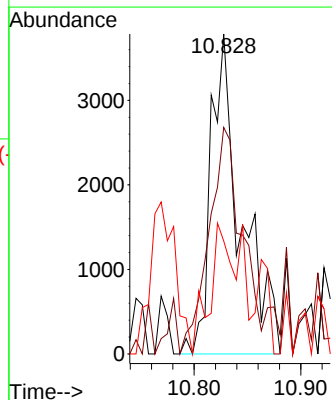
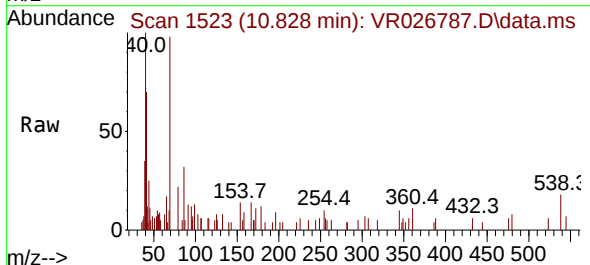
Instrument :
MSVOA_R
ClientSampleId :
VIBLK

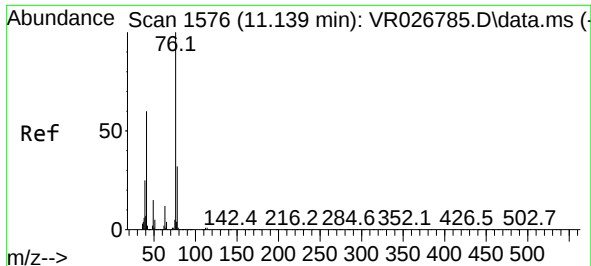
Tgt Ion:	97	Resp:	1846
Ion	Ratio	Lower	Upper
97	100		
83	104.6	67.0	100.6#
85	13.3	41.8	62.8#
99	13.8	48.7	73.1#



#56
Ethyl methacrylate
Concen: 15.822 ug/l
RT: 10.828 min Scan# 1523
Delta R.T. 0.006 min
Lab File: VR026787.D
Acq: 22 Oct 2025 15:51

Tgt Ion:	69	Resp:	7369
Ion	Ratio	Lower	Upper
69	100		
41	78.0	52.7	79.1
39	42.7	30.6	46.0





#57

1,3-Dichloropropane

Concen: 0.457 ug/l

RT: 11.192 min Scan# 11

Delta R.T. 0.053 min

Lab File: VR026787.D

Acq: 22 Oct 2025 15:51

Instrument :

MSVOA_R

ClientSampleId :

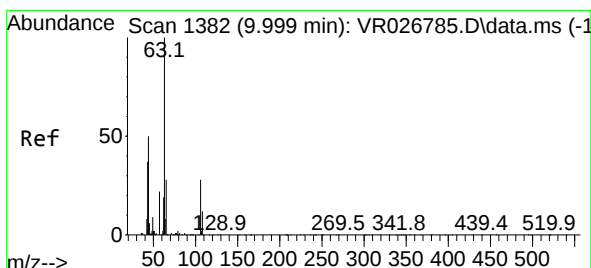
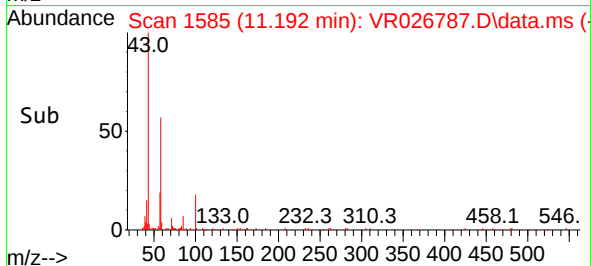
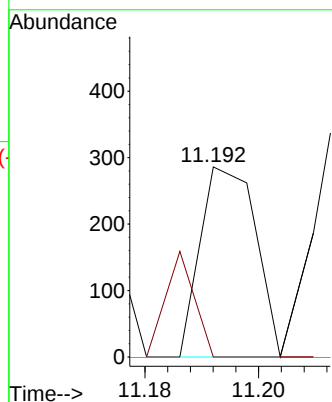
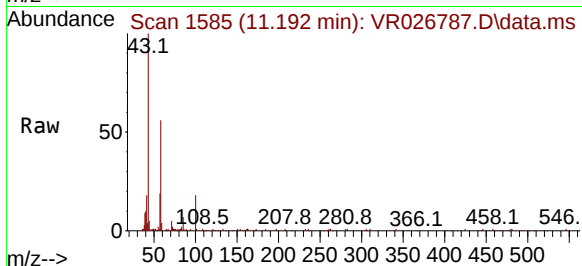
VIBLK

Tgt Ion: 76 Resp: 193

Ion Ratio Lower Upper

76 100

78 29.0 26.7 40.1



#58

2-Chloroethyl Vinyl ether

Concen: 23.257 ug/l

RT: 9.888 min Scan# 1363

Delta R.T. -0.111 min

Lab File: VR026787.D

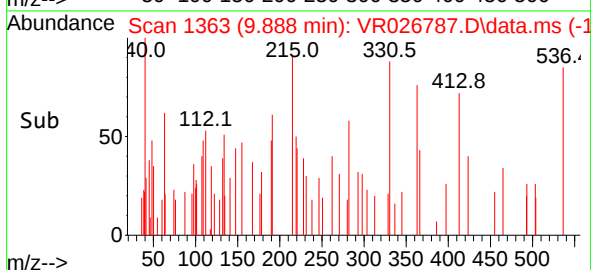
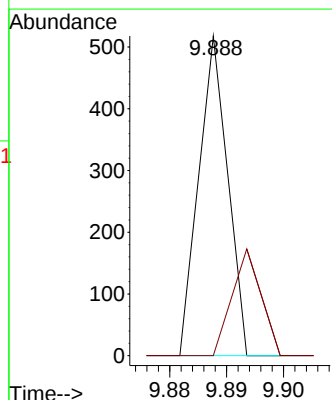
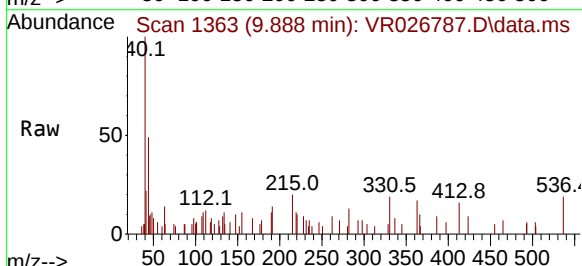
Acq: 22 Oct 2025 15:51

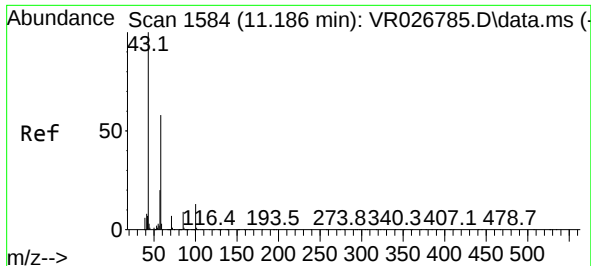
Tgt Ion: 63 Resp: 183

Ion Ratio Lower Upper

63 100

106 33.3 23.0 34.4

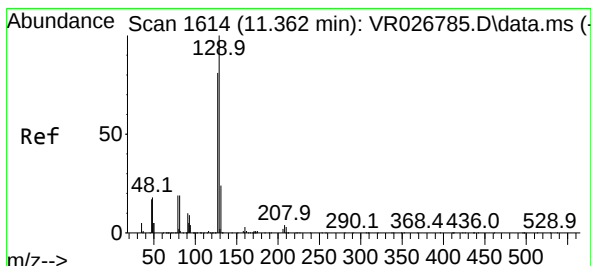
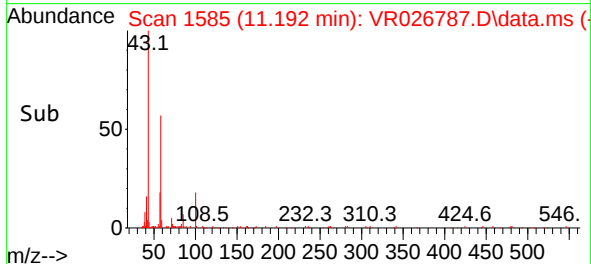
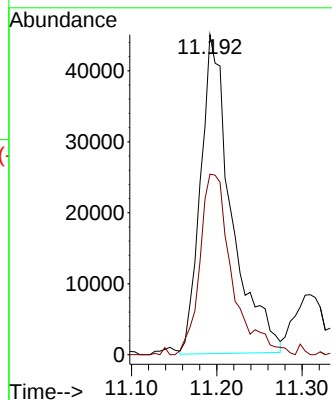
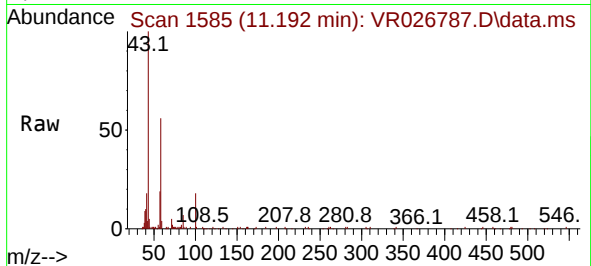




#59
2-Hexanone
Concen: 291.307 ug/l
RT: 11.192 min Scan# 11
Delta R.T. 0.006 min
Lab File: VR026787.D
Acq: 22 Oct 2025 15:51

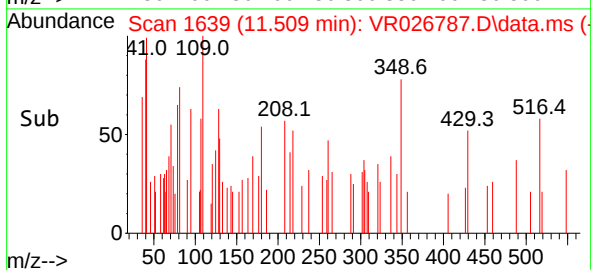
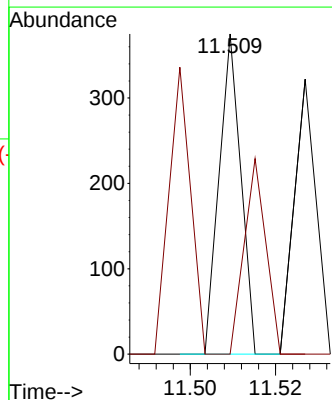
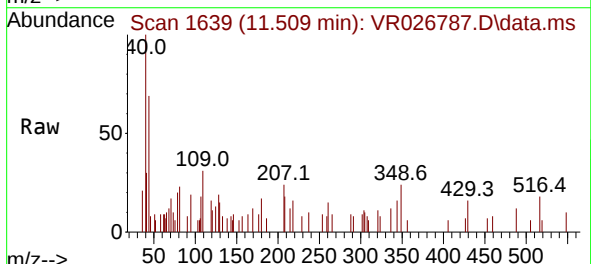
Instrument :
MSVOA_R
ClientSampleId :
VIBLK

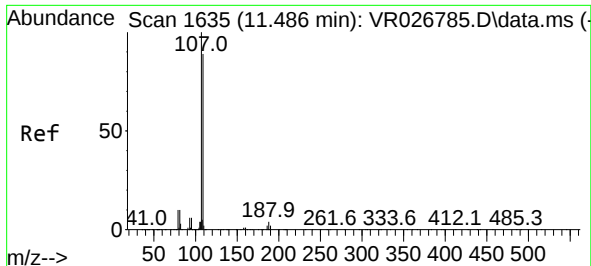
Tgt Ion: 43 Resp: 113070
Ion Ratio Lower Upper
43 100
58 58.7 28.4 85.2



#60
Dibromochloromethane
Concen: 0.513 ug/l
RT: 11.509 min Scan# 1639
Delta R.T. 0.147 min
Lab File: VR026787.D
Acq: 22 Oct 2025 15:51

Tgt Ion: 129 Resp: 132
Ion Ratio Lower Upper
129 100
127 61.4 39.5 118.3

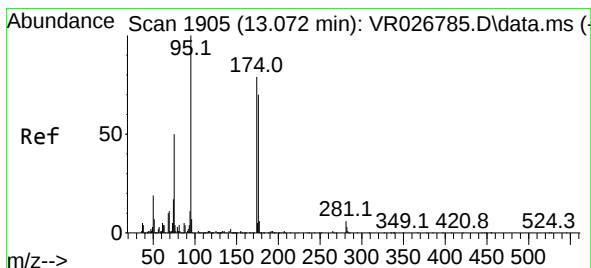
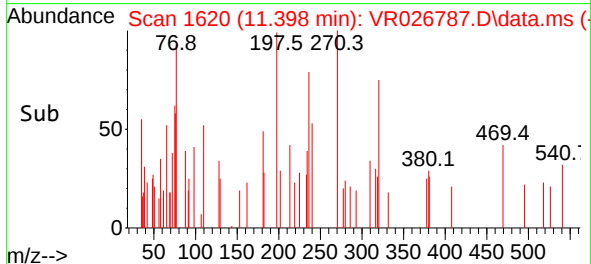
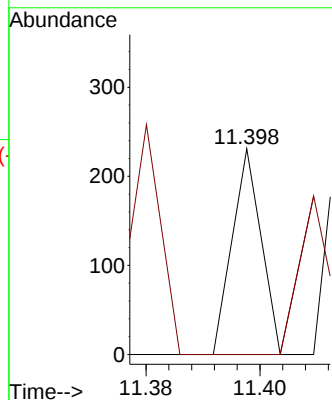
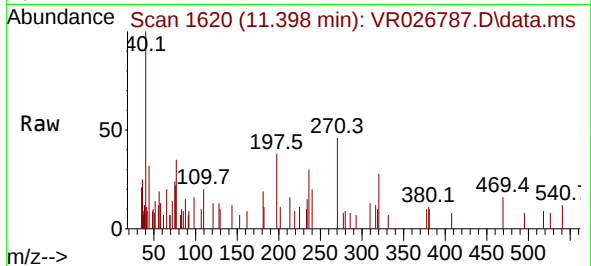




#61
1,2-Dibromoethane
Concen: 0.324 ug/l
RT: 11.398 min Scan# 11
Delta R.T. -0.088 min
Lab File: VR026787.D
Acq: 22 Oct 2025 15:51

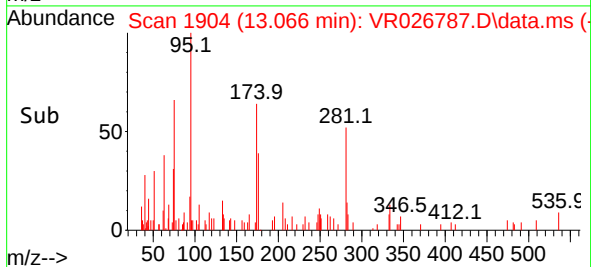
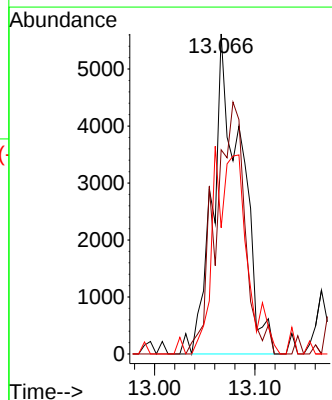
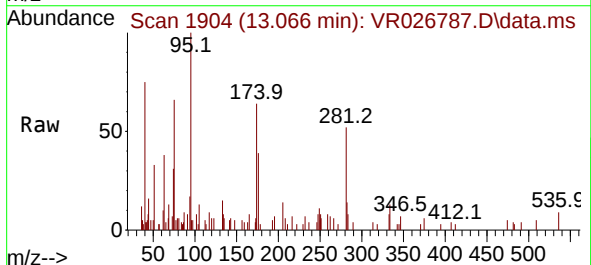
Instrument :
MSVOA_R
ClientSampleId :
VIBLK

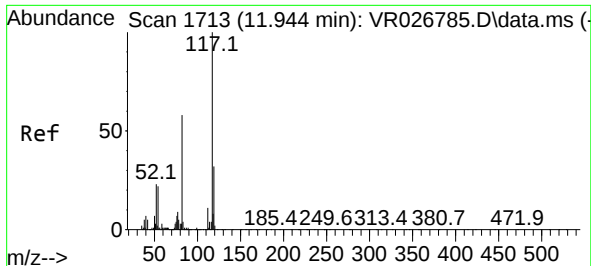
Tgt Ion:107 Resp: 81
Ion Ratio Lower Upper
107 100
109 77.8 73.9 110.9



#62
4-Bromofluorobenzene
Concen: 42.179 ug/l
RT: 13.066 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VR026787.D
Acq: 22 Oct 2025 15:51

Tgt Ion: 95 Resp: 11130
Ion Ratio Lower Upper
95 100
174 80.9 0.0 150.0
176 72.6 0.0 149.8

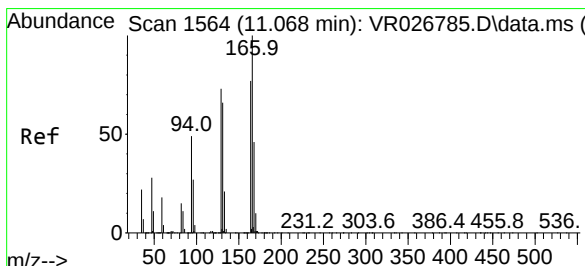
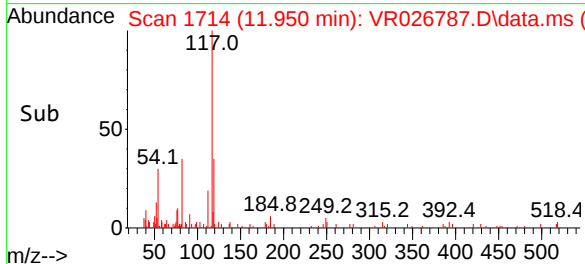
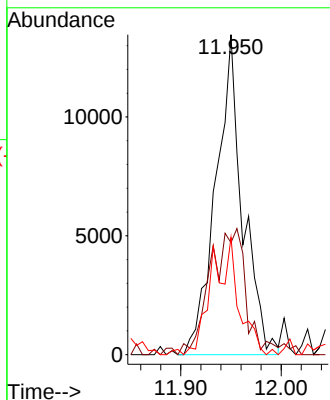
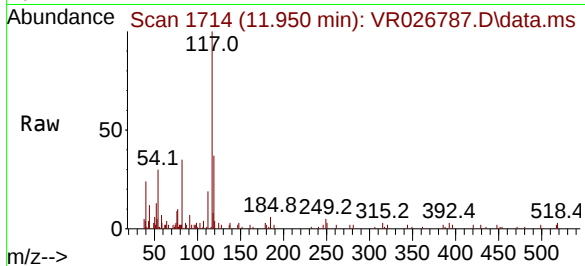




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.950 min Scan# 1714
Delta R.T. 0.006 min
Lab File: VR026787.D
Acq: 22 Oct 2025 15:51

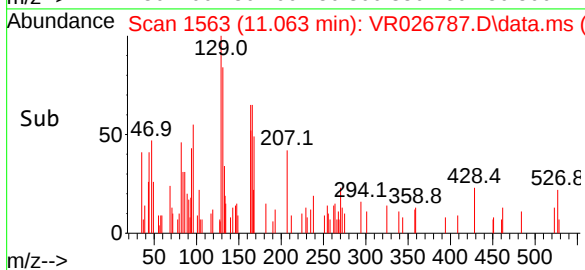
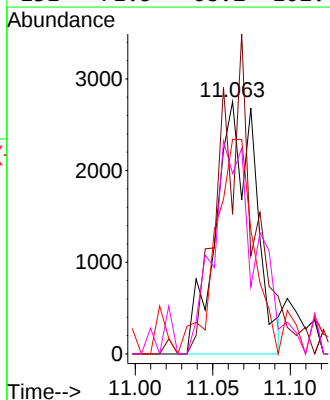
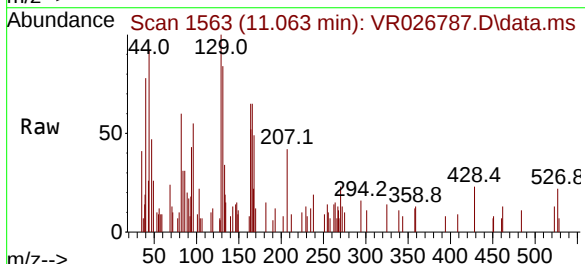
Instrument :
MSVOA_R
ClientSampleId :
VIBLK

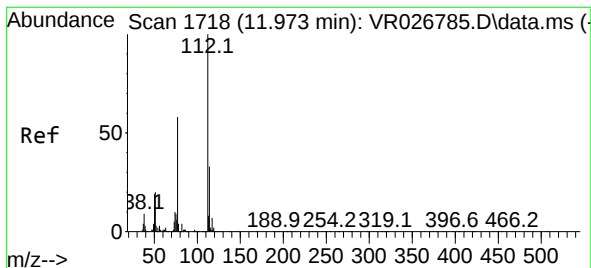
Tgt Ion:117 Resp: 25175
Ion Ratio Lower Upper
117 100
82 35.0 46.2 69.2#
119 36.7 25.4 38.2



#64
Tetrachloroethene
Concen: 36.781 ug/l
RT: 11.063 min Scan# 1563
Delta R.T. -0.006 min
Lab File: VR026787.D
Acq: 22 Oct 2025 15:51

Tgt Ion:164 Resp: 4863
Ion Ratio Lower Upper
164 100
166 55.3 103.8 155.8#
129 85.1 76.0 114.0
131 71.5 68.2 102.4





#65

Chlorobenzene

Concen: 30.045 ug/l

RT: 11.973 min Scan# 1718

Delta R.T. 0.000 min

Lab File: VR026787.D

Acq: 22 Oct 2025 15:51

Instrument :

MSVOA_R

ClientSampleId :

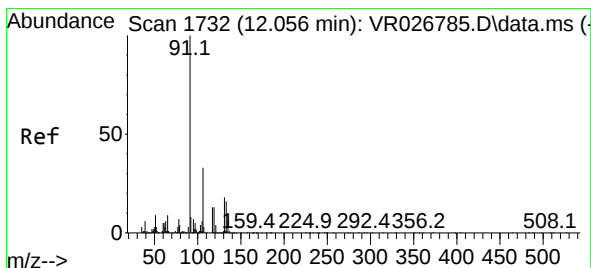
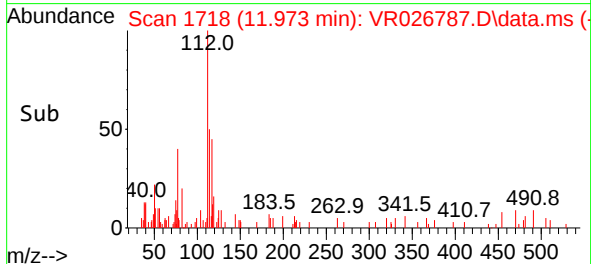
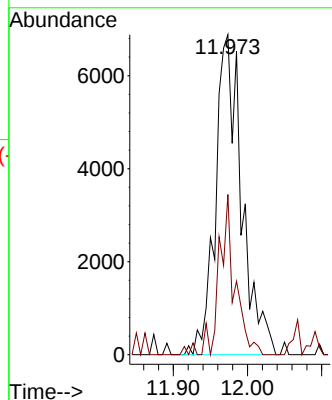
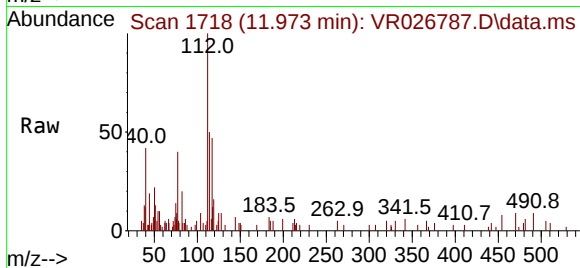
VIBLK

Tgt Ion:112 Resp: 16830

Ion Ratio Lower Upper

112 100

114 50.1 26.2 39.2#



#66

1,1,1,2-Tetrachloroethane

Concen: 11.398 ug/l

RT: 12.050 min Scan# 1731

Delta R.T. -0.006 min

Lab File: VR026787.D

Acq: 22 Oct 2025 15:51

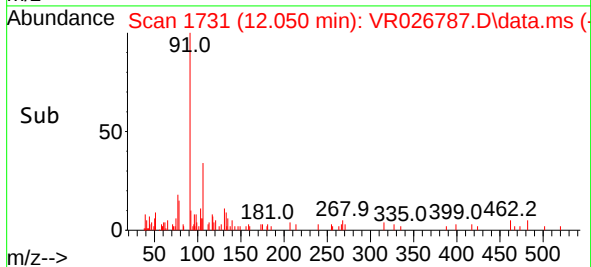
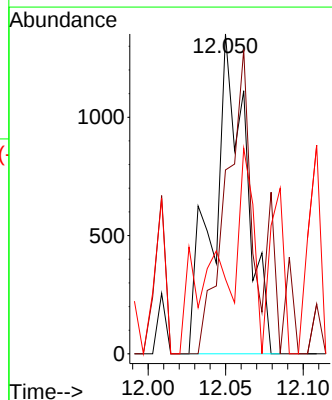
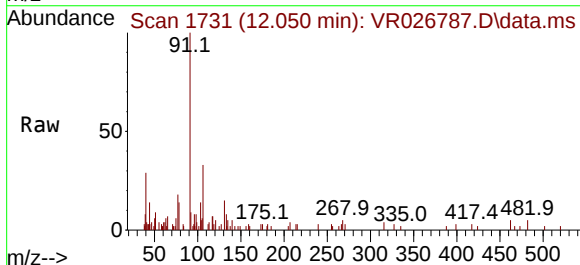
Tgt Ion:131 Resp: 1969

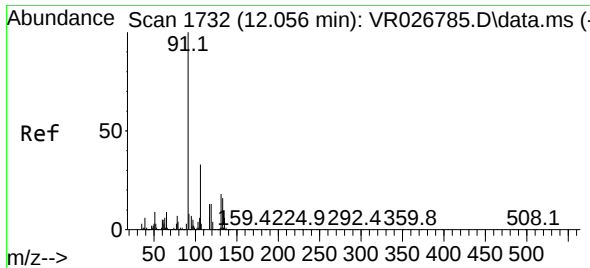
Ion Ratio Lower Upper

131 100

133 72.0 47.3 141.9

119 62.2 33.9 101.7

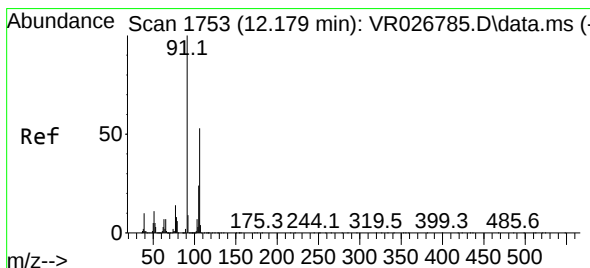
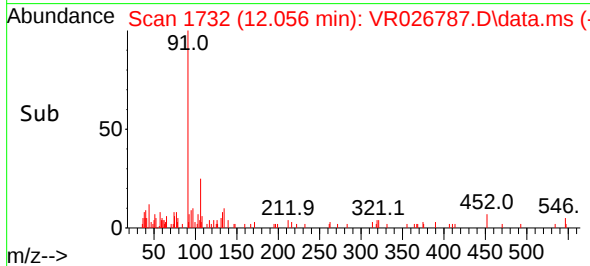
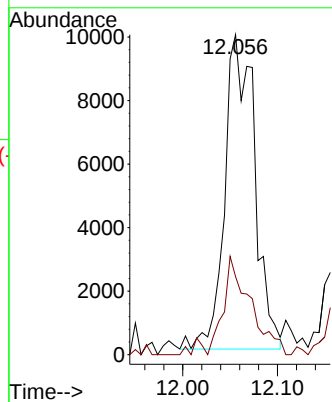
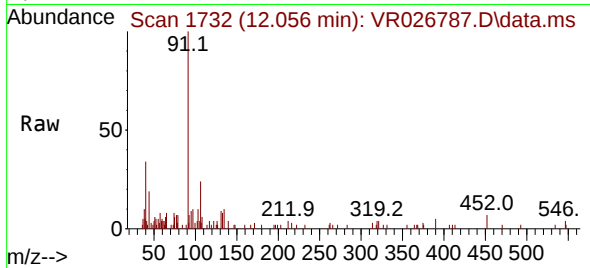




#67
Ethyl Benzene
Concen: 23.278 ug/l
RT: 12.056 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VR026787.D
Acq: 22 Oct 2025 15:51

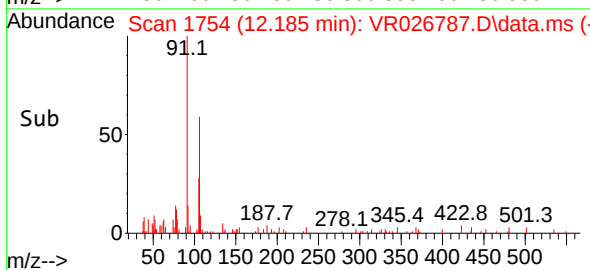
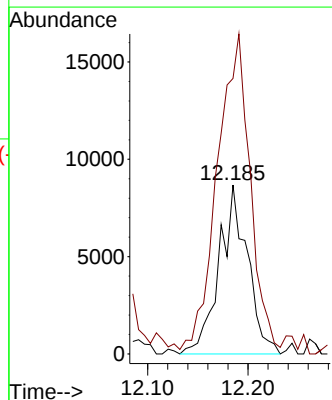
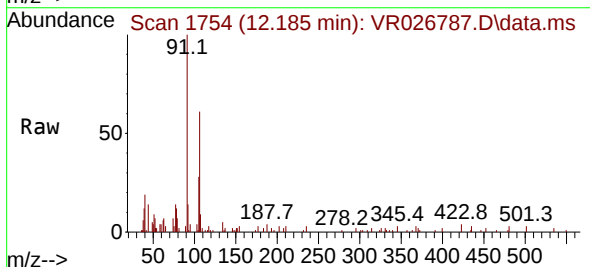
Instrument :
MSVOA_R
ClientSampleId :
VIBLK

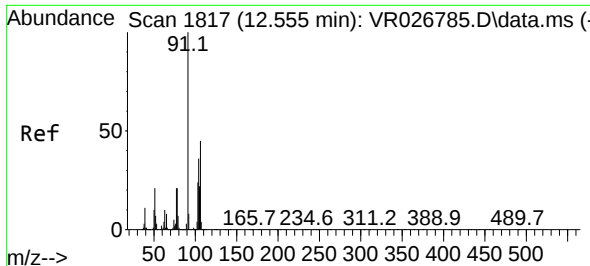
Tgt Ion: 91 Resp: 21823
Ion Ratio Lower Upper
91 100
106 24.9 26.8 40.2#



#68
m/p-Xylenes
Concen: 46.176 ug/l
RT: 12.185 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VR026787.D
Acq: 22 Oct 2025 15:51

Tgt Ion:106 Resp: 16990
Ion Ratio Lower Upper
106 100
91 218.5 153.7 230.5

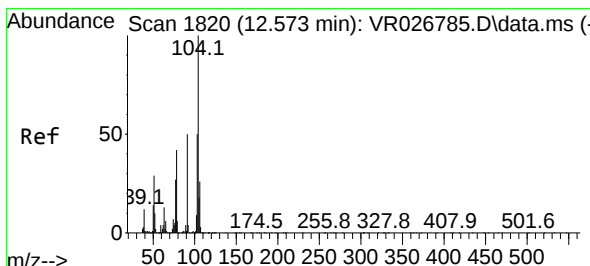
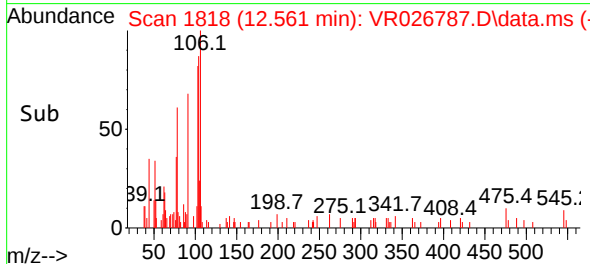
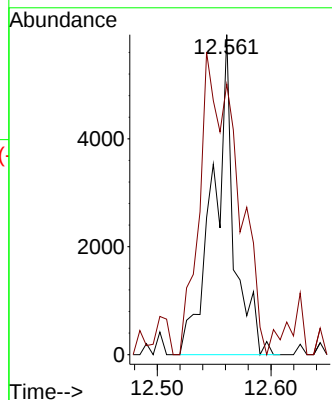
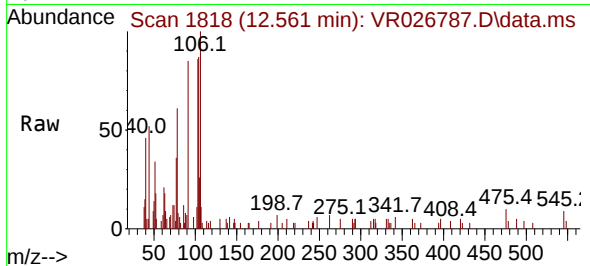




#69
o-Xylene
Concen: 20.613 ug/l
RT: 12.561 min Scan# 1818
Delta R.T. 0.006 min
Lab File: VR026787.D
Acq: 22 Oct 2025 15:51

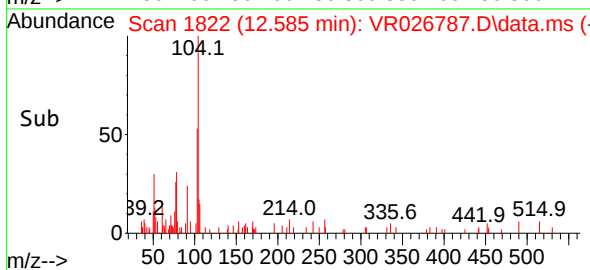
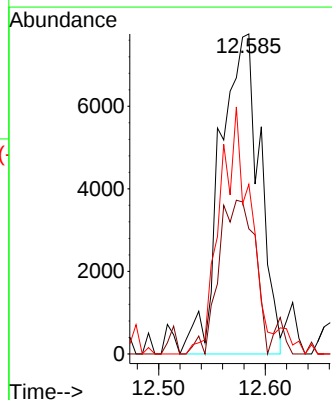
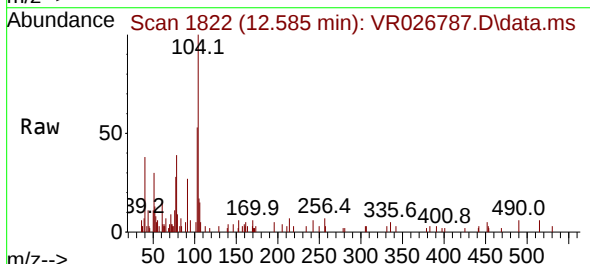
Instrument :
MSVOA_R
ClientSampleId :
VIBLK

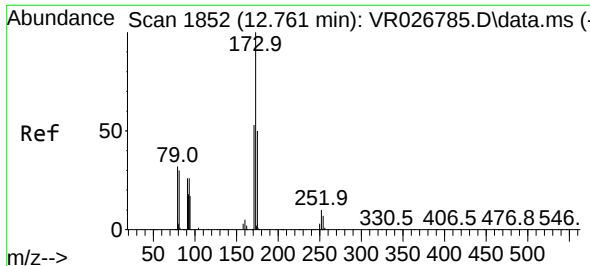
Tgt Ion:106 Resp: 7600
Ion Ratio Lower Upper
106 100
91 169.6 104.0 312.0



#70
Styrene
Concen: 29.522 ug/l
RT: 12.585 min Scan# 1822
Delta R.T. 0.012 min
Lab File: VR026787.D
Acq: 22 Oct 2025 15:51

Tgt Ion:104 Resp: 19913
Ion Ratio Lower Upper
104 100
78 44.2 38.0 57.0
103 59.7 43.2 64.8

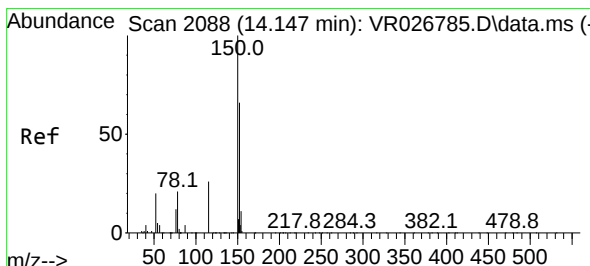
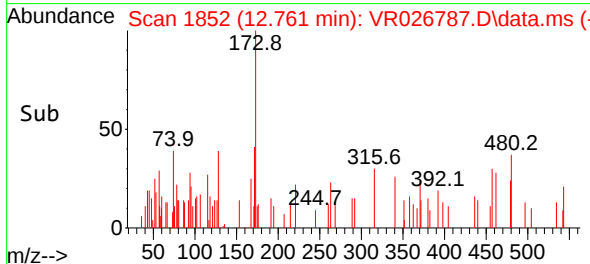
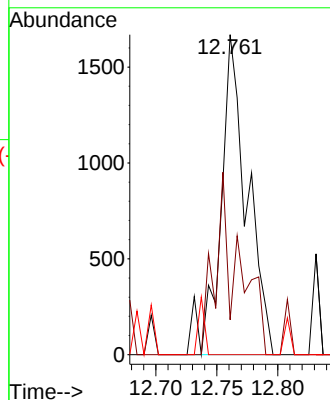
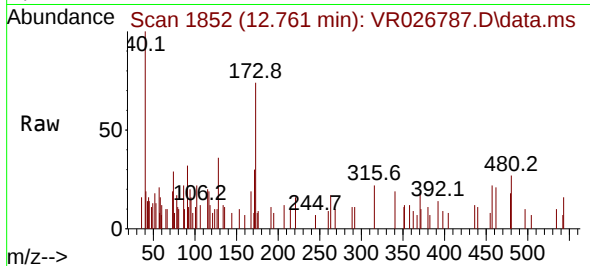




#71
Bromoform
Concen: 17.720 ug/l
RT: 12.761 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VR026787.D
Acq: 22 Oct 2025 15:51

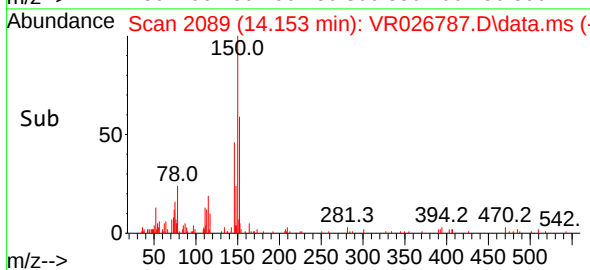
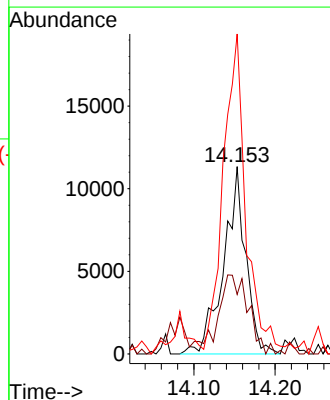
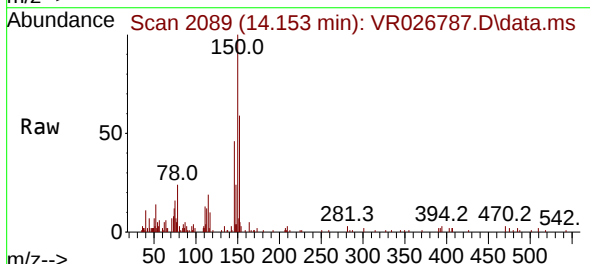
Instrument :
MSVOA_R
ClientSampleId :
VIBLK

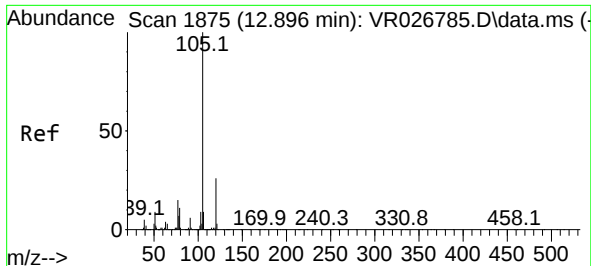
Tgt Ion:173 Resp: 2527
Ion Ratio Lower Upper
173 100
175 50.8 24.0 72.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.153 min Scan# 2089
Delta R.T. 0.006 min
Lab File: VR026787.D
Acq: 22 Oct 2025 15:51

Tgt Ion:152 Resp: 21474
Ion Ratio Lower Upper
152 100
115 56.3 29.9 89.7
150 167.1 0.0 340.0

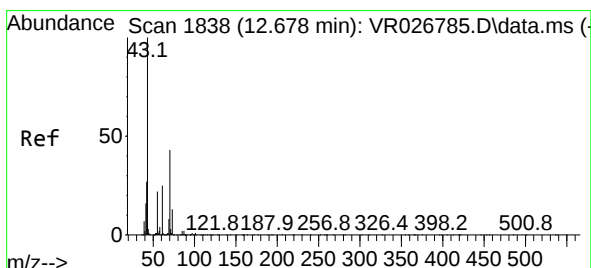
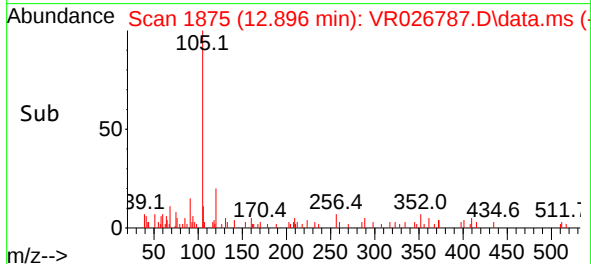
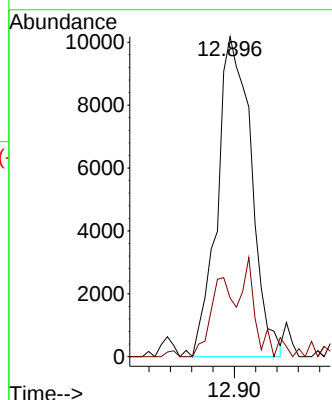
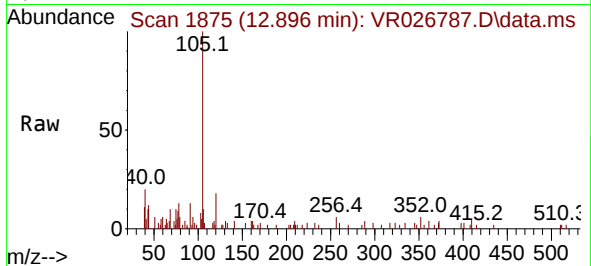




#73
Isopropylbenzene
Concen: 17.966 ug/l
RT: 12.896 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VR026787.D
Acq: 22 Oct 2025 15:51

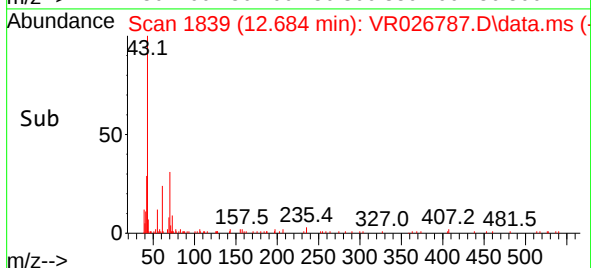
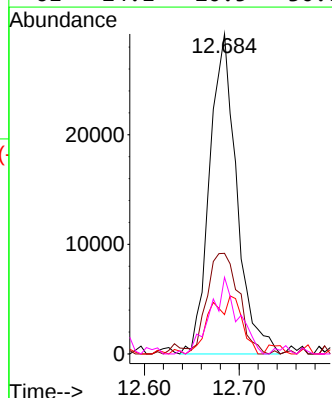
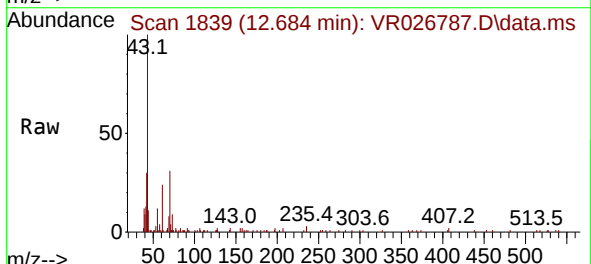
Instrument :
MSVOA_R
ClientSampleId :
VIBLK

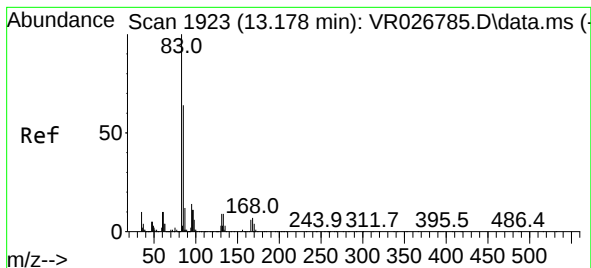
Tgt Ion:105 Resp: 22538
Ion Ratio Lower Upper
105 100
120 16.9 13.6 40.8



#74
N-ethyl acetate
Concen: 82.942 ug/l
RT: 12.684 min Scan# 1839
Delta R.T. 0.006 min
Lab File: VR026787.D
Acq: 22 Oct 2025 15:51

Tgt Ion: 43 Resp: 58006
Ion Ratio Lower Upper
43 100
70 36.4 35.2 52.8
55 9.9 17.8 26.6#
61 24.1 20.5 30.7

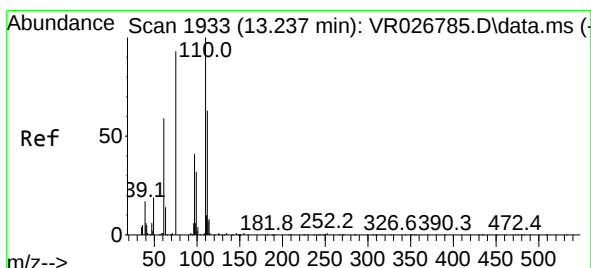
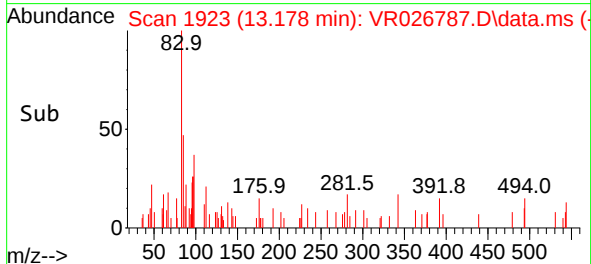
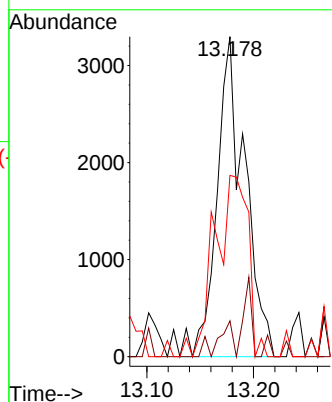
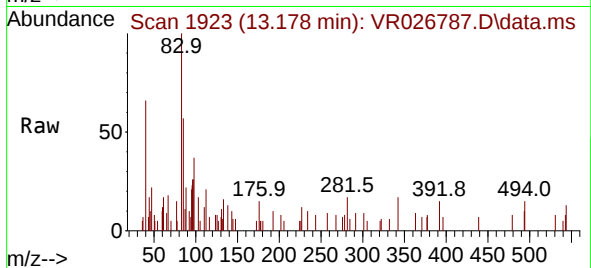




#75
1,1,2,2-Tetrachloroethane
Concen: 12.962 ug/l
RT: 13.178 min Scan# 1923
Delta R.T. 0.000 min
Lab File: VR026787.D
Acq: 22 Oct 2025 15:51

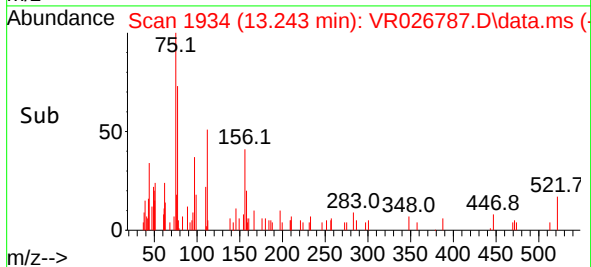
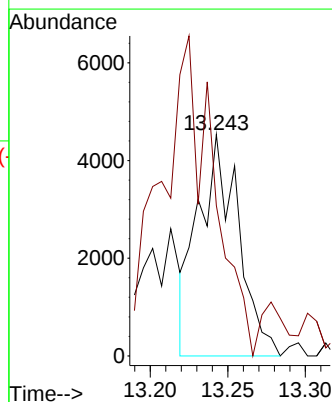
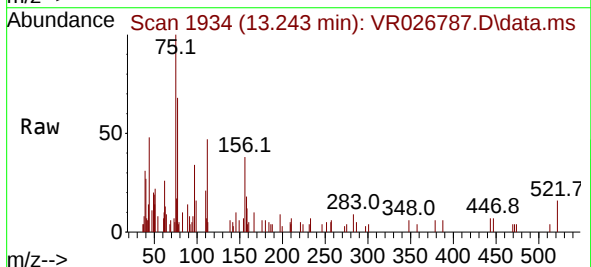
Instrument :
MSVOA_R
ClientSampleId :
VIBLK

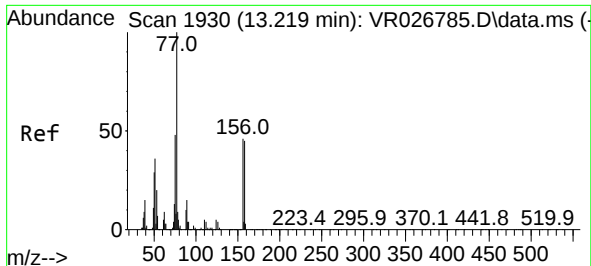
Tgt Ion: 83 Resp: 6014
Ion Ratio Lower Upper
83 100
131 12.8 4.4 13.2
85 67.0 32.4 97.0



#76
1,2,3-Trichloropropane
Concen: 20.766 ug/l
RT: 13.243 min Scan# 1934
Delta R.T. 0.006 min
Lab File: VR026787.D
Acq: 22 Oct 2025 15:51

Tgt Ion: 75 Resp: 8067
Ion Ratio Lower Upper
75 100
77 198.1 87.9 263.7

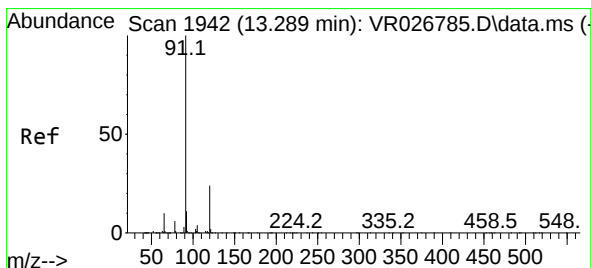
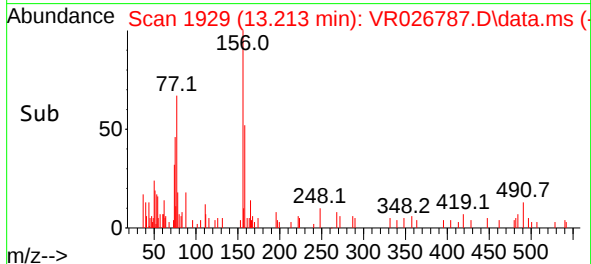
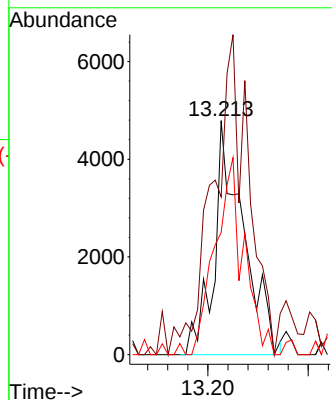
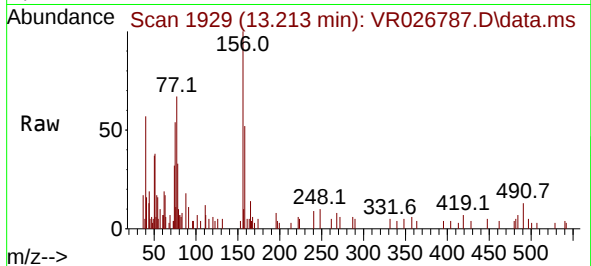




#77
Bromobenzene
Concen: 31.585 ug/l
RT: 13.213 min Scan# 1930
Delta R.T. -0.006 min
Lab File: VR026787.D
Acq: 22 Oct 2025 15:51

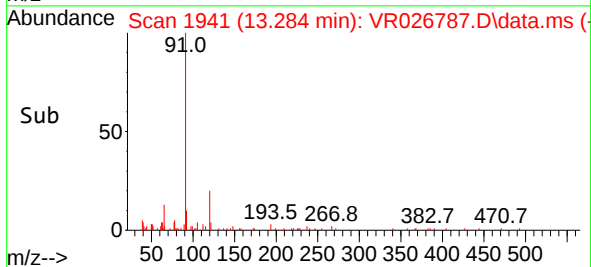
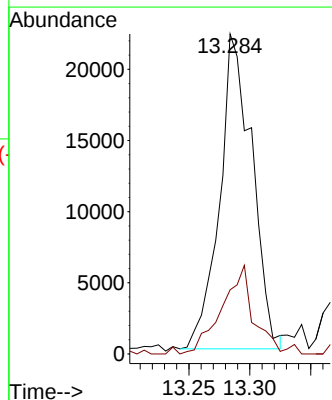
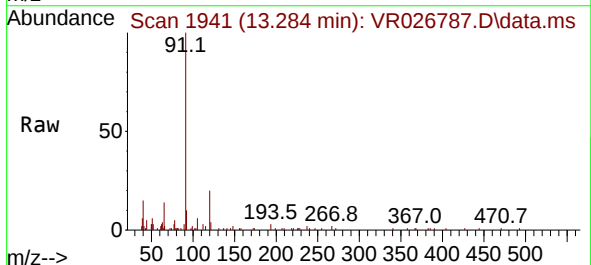
Instrument :
MSVOA_R
ClientSampleId :
VIBLK

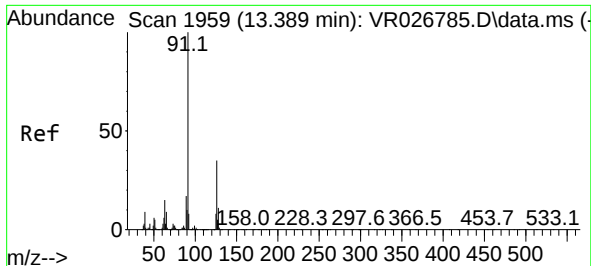
Tgt Ion:156 Resp: 9674
Ion Ratio Lower Upper
156 100
77 165.2 120.5 361.5
158 82.4 49.6 148.8



#78
n-propylbenzene
Concen: 26.482 ug/l
RT: 13.284 min Scan# 1941
Delta R.T. -0.006 min
Lab File: VR026787.D
Acq: 22 Oct 2025 15:51

Tgt Ion: 91 Resp: 41000
Ion Ratio Lower Upper
91 100
120 28.2 11.7 35.1

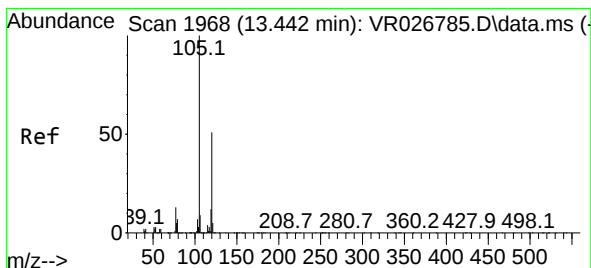
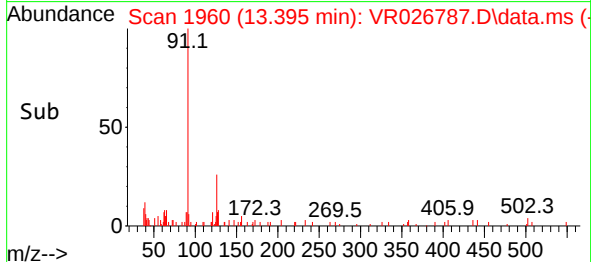
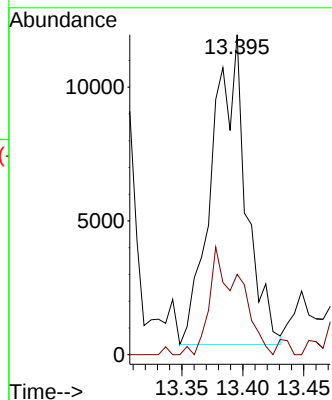
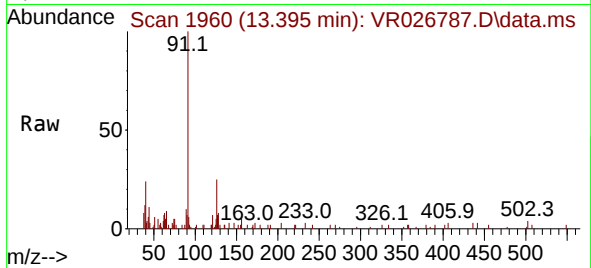




#79
2-Chlorotoluene
Concen: 24.433 ug/l
RT: 13.395 min Scan# 1959
Delta R.T. 0.006 min
Lab File: VR026787.D
Acq: 22 Oct 2025 15:51

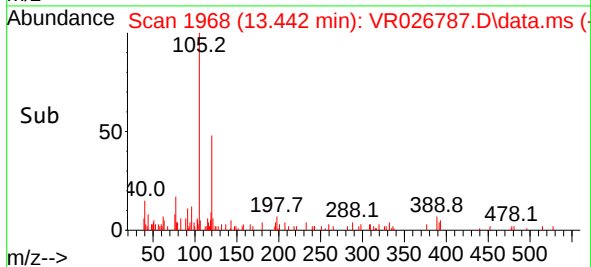
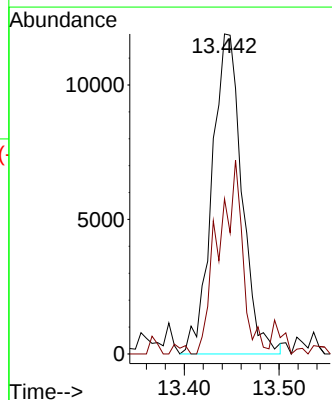
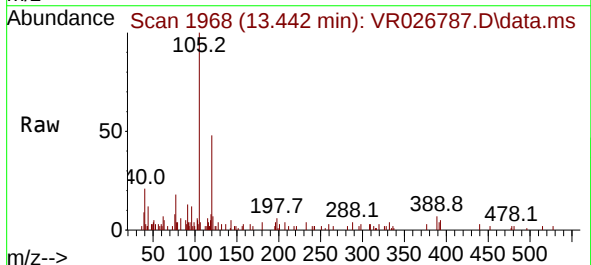
Instrument :
MSVOA_R
ClientSampleId :
VIBLK

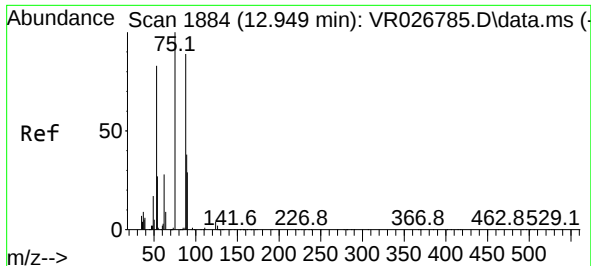
Tgt Ion: 91 Resp: 22575
Ion Ratio Lower Upper
91 100
126 30.9 17.2 51.5



#80
1,3,5-Trimethylbenzene
Concen: 23.683 ug/l
RT: 13.442 min Scan# 1968
Delta R.T. 0.000 min
Lab File: VR026787.D
Acq: 22 Oct 2025 15:51

Tgt Ion: 105 Resp: 26079
Ion Ratio Lower Upper
105 100
120 49.4 25.0 75.0

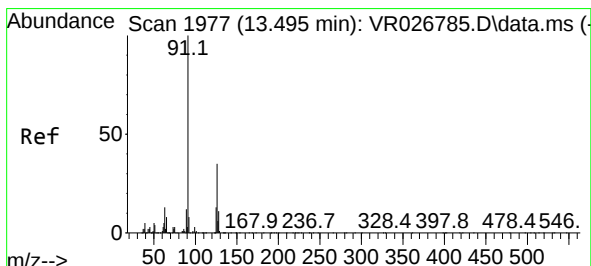
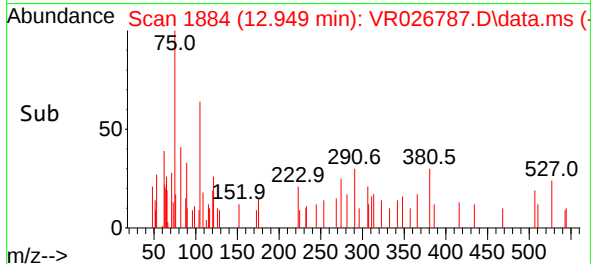
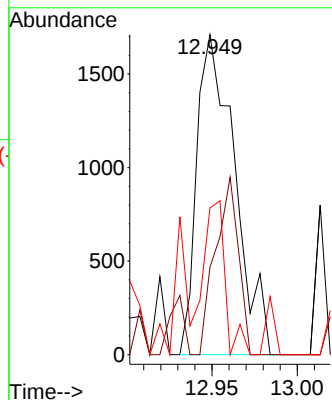
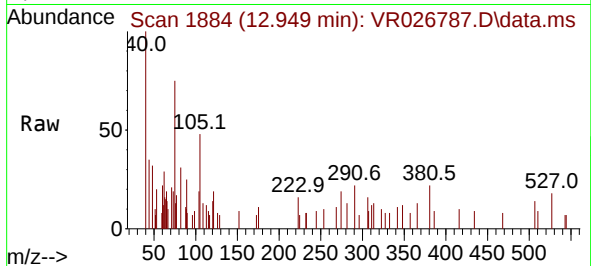




#81
trans-1,4-Dichloro-2-butene
Concen: 15.833 ug/l
RT: 12.949 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VR026787.D
Acq: 22 Oct 2025 15:51

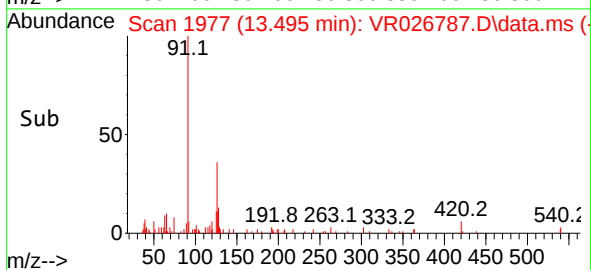
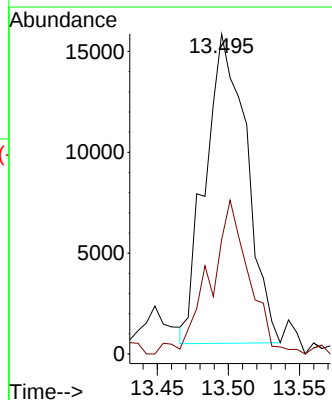
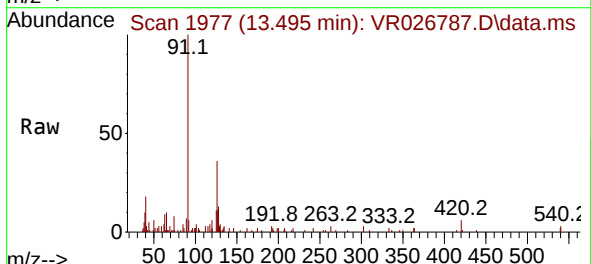
Instrument :
MSVOA_R
ClientSampleId :
VIBLK

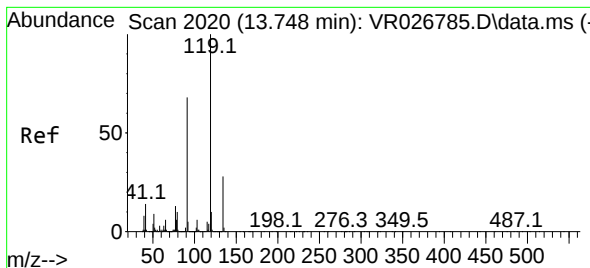
Tgt Ion: 75 Resp: 2636
Ion Ratio Lower Upper
75 100
53 33.9 72.6 109.0#
89 27.5 36.2 54.2#



#82
4-Chlorotoluene
Concen: 31.977 ug/l
RT: 13.495 min Scan# 1977
Delta R.T. 0.000 min
Lab File: VR026787.D
Acq: 22 Oct 2025 15:51

Tgt Ion: 91 Resp: 31013
Ion Ratio Lower Upper
91 100
126 47.4 17.2 51.5





#83

tert-Butylbenzene

Concen: 18.564 ug/l

RT: 13.754 min Scan# 2020

Delta R.T. 0.006 min

Lab File: VR026787.D

Acq: 22 Oct 2025 15:51

Instrument :

MSVOA_R

ClientSampleId :

VIBLK

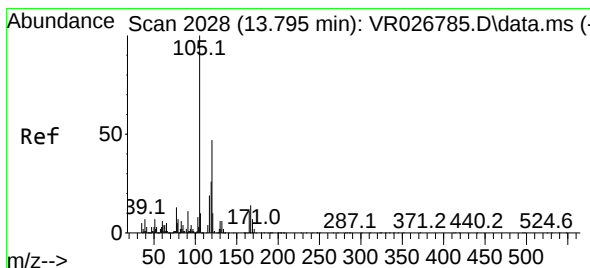
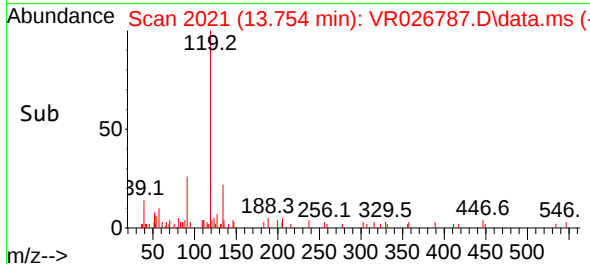
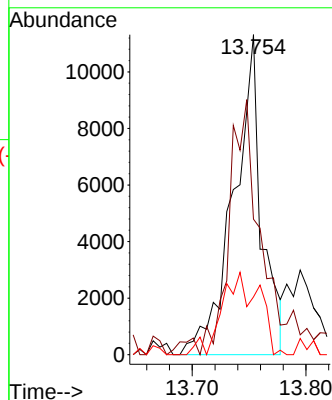
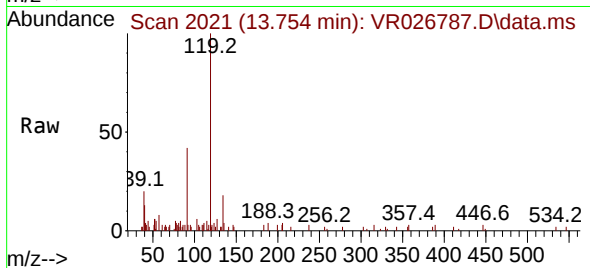
Tgt Ion:119 Resp: 19394

Ion Ratio Lower Upper

119 100

91 85.6 32.0 96.0

134 33.9 13.9 41.6



#84

1,2,4-Trimethylbenzene

Concen: 27.128 ug/l

RT: 13.801 min Scan# 2029

Delta R.T. 0.006 min

Lab File: VR026787.D

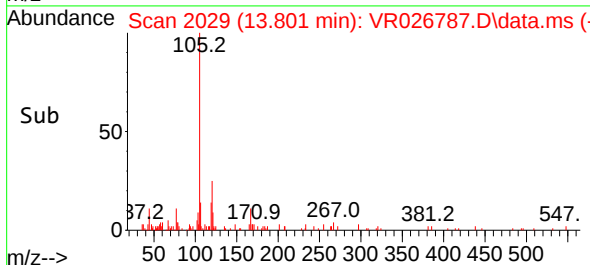
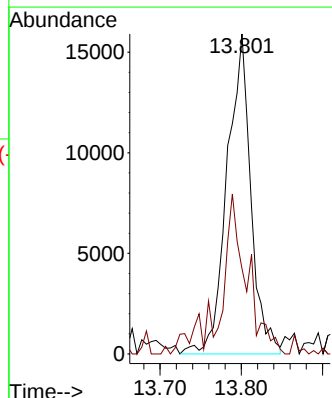
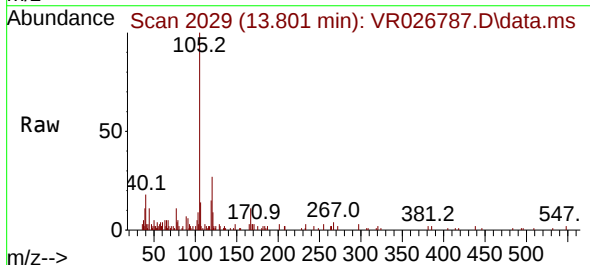
Acq: 22 Oct 2025 15:51

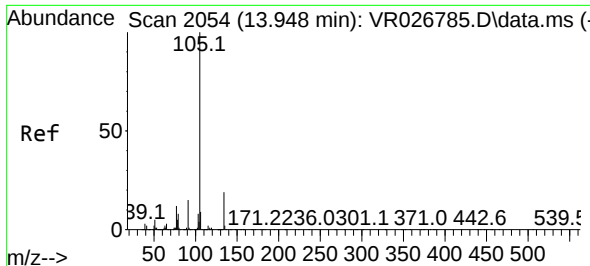
Tgt Ion:105 Resp: 32434

Ion Ratio Lower Upper

105 100

120 44.1 23.6 71.0

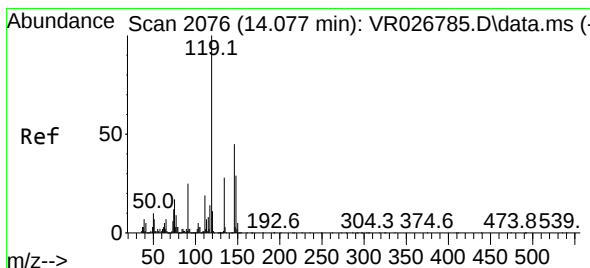
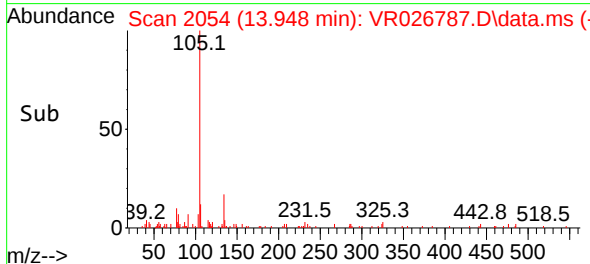
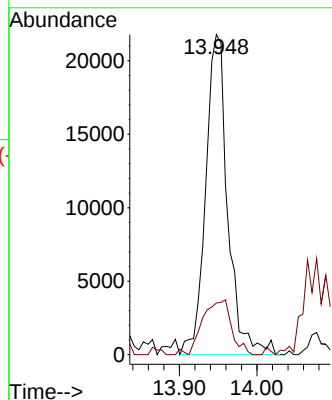
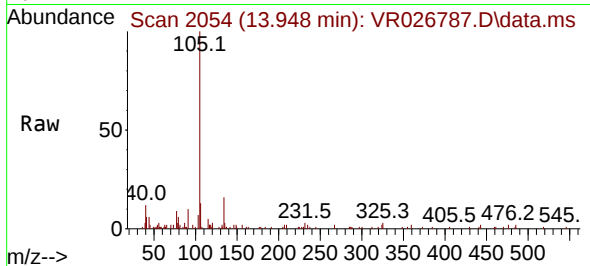




#85
sec-Butylbenzene
Concen: 28.711 ug/l
RT: 13.948 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VR026787.D
Acq: 22 Oct 2025 15:51

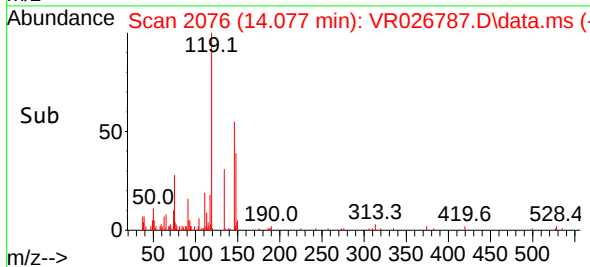
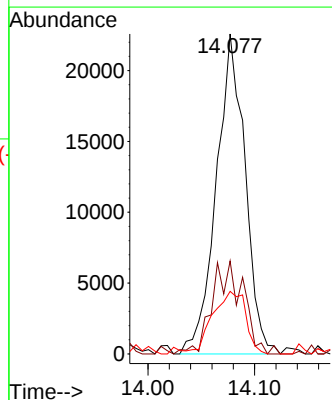
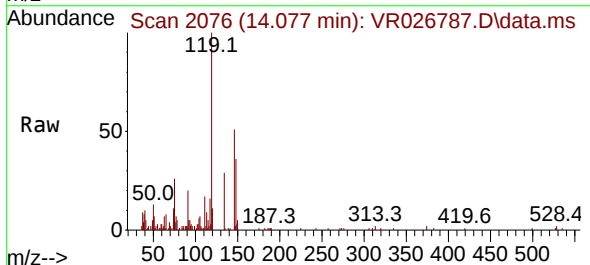
Instrument :
MSVOA_R
ClientSampleId :
VIBLK

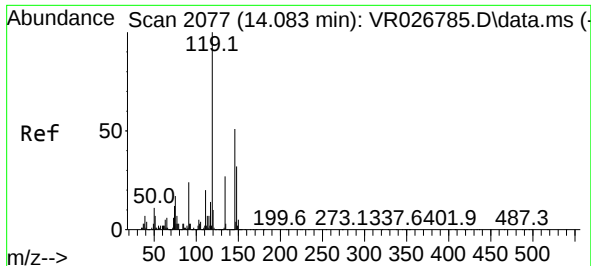
Tgt Ion:105 Resp: 43213
Ion Ratio Lower Upper
105 100
134 22.3 10.1 30.3



#86
p-Isopropyltoluene
Concen: 32.458 ug/l
RT: 14.077 min Scan# 2076
Delta R.T. 0.000 min
Lab File: VR026787.D
Acq: 22 Oct 2025 15:51

Tgt Ion:119 Resp: 42382
Ion Ratio Lower Upper
119 100
134 31.6 13.8 41.3
91 22.4 12.2 36.4

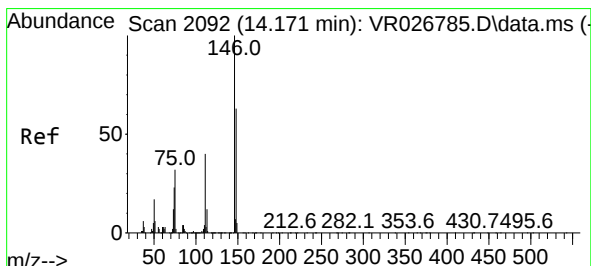
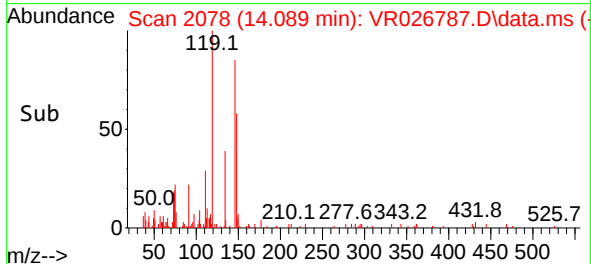
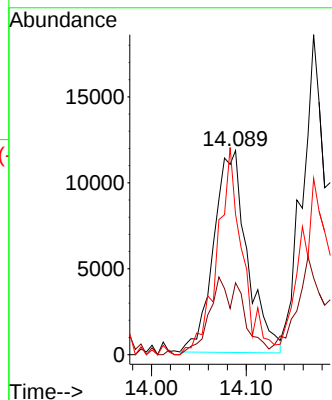
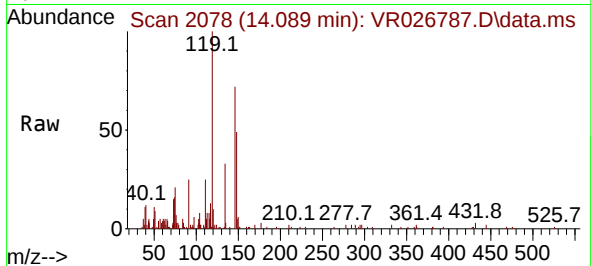




#87
1,3-Dichlorobenzene
Concen: 41.439 ug/l
RT: 14.089 min Scan# 2077
Delta R.T. 0.006 min
Lab File: VR026787.D
Acq: 22 Oct 2025 15:51

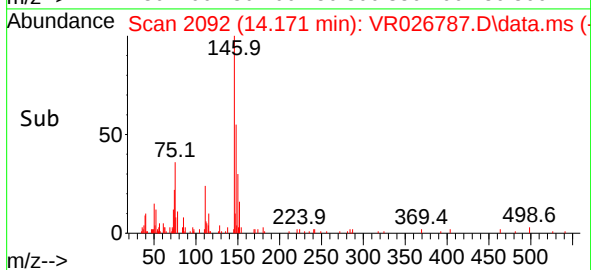
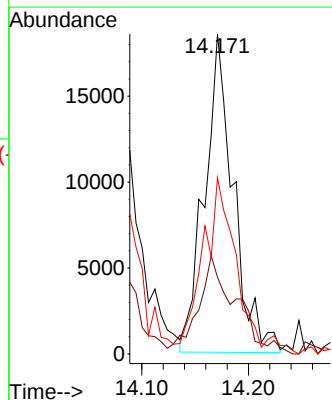
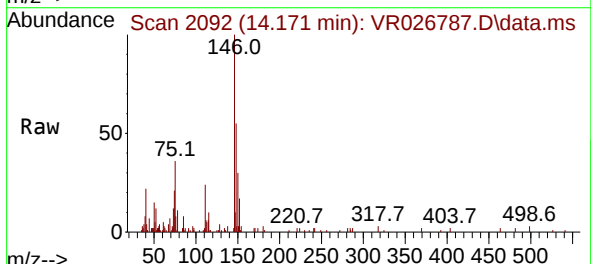
Instrument :
MSVOA_R
ClientSampleId :
VIBLK

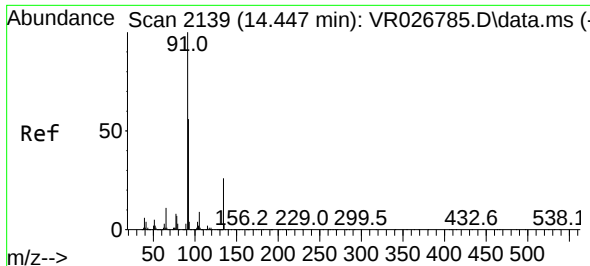
Tgt Ion:146 Resp: 28871
Ion Ratio Lower Upper
146 100
111 22.8 20.3 60.8
148 77.3 31.4 94.2



#88
1,4-Dichlorobenzene
Concen: 48.071 ug/l
RT: 14.171 min Scan# 2092
Delta R.T. 0.000 min
Lab File: VR026787.D
Acq: 22 Oct 2025 15:51

Tgt Ion:146 Resp: 34763
Ion Ratio Lower Upper
146 100
111 40.4 19.3 57.9
148 55.2 31.5 94.5

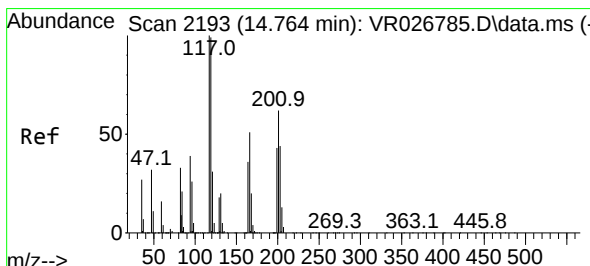
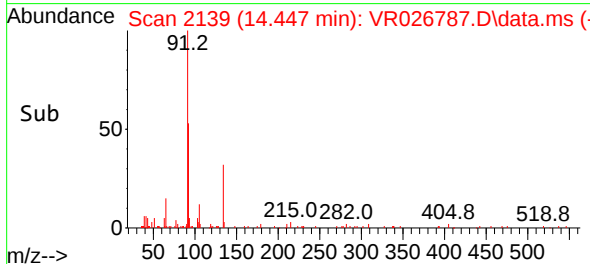
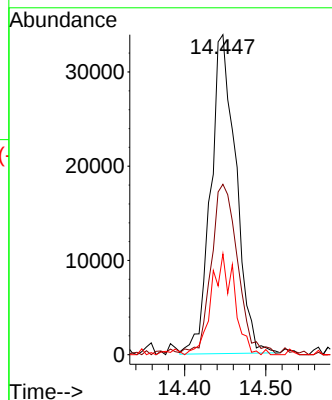
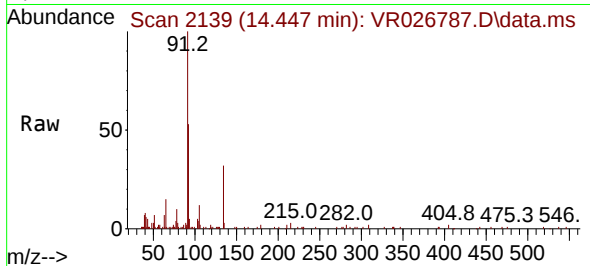




#89
n-Butylbenzene
Concen: 57.034 ug/l
RT: 14.447 min Scan# 2139
Delta R.T. 0.000 min
Lab File: VR026787.D
Acq: 22 Oct 2025 15:51

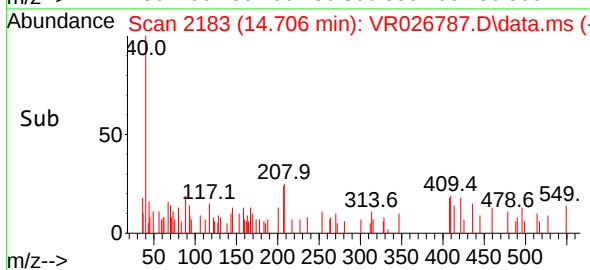
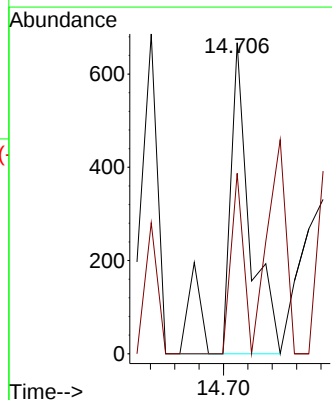
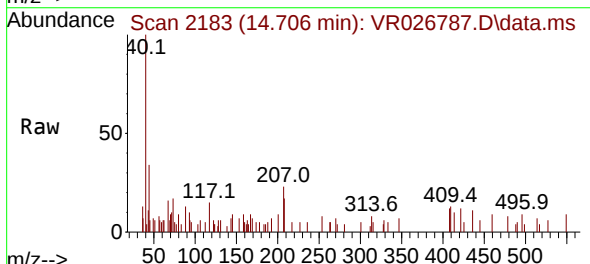
Instrument :
MSVOA_R
ClientSampleId :
VIBLK

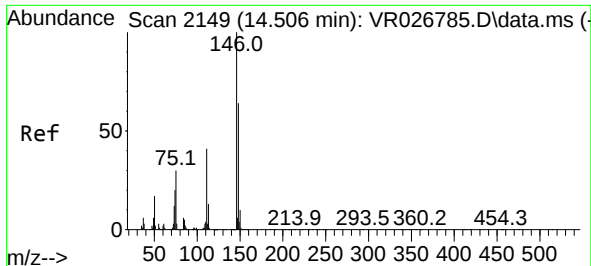
Tgt Ion:	91	Resp:	72868
Ion	Ratio	Lower	Upper
91	100		
92	56.4	27.3	81.9
134	28.9	13.1	39.1



#90
Hexachloroethane
Concen: 2.020 ug/l
RT: 14.706 min Scan# 2183
Delta R.T. -0.059 min
Lab File: VR026787.D
Acq: 22 Oct 2025 15:51

Tgt Ion:	117	Resp:	427
Ion	Ratio	Lower	Upper
117	100		
201	31.9	31.6	94.7





#91

1,2-Dichlorobenzene

Concen: 38.310 ug/l

RT: 14.500 min Scan# 2149

Delta R.T. -0.006 min

Lab File: VR026787.D

Acq: 22 Oct 2025 15:51

Instrument :

MSVOA_R

ClientSampleId :

VIBLK

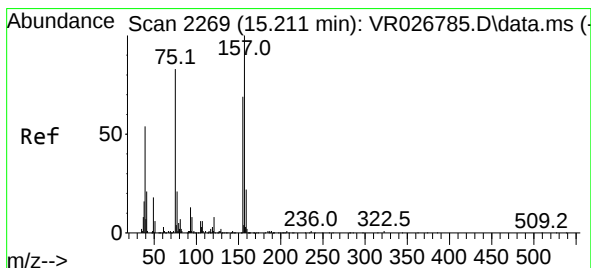
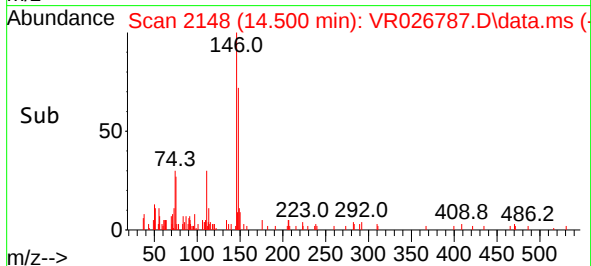
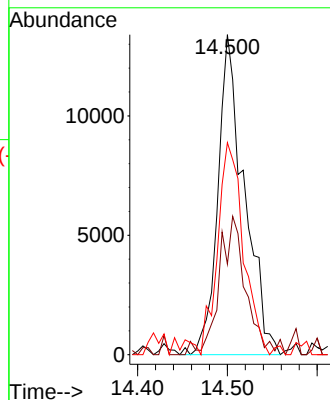
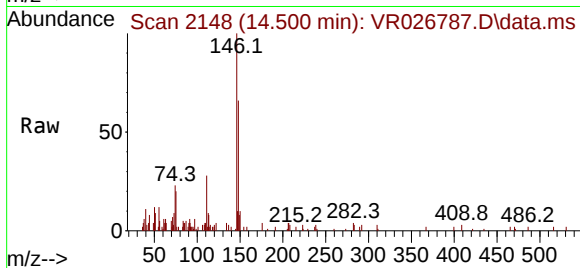
Tgt Ion:146 Resp: 27360

Ion Ratio Lower Upper

146 100

111 41.7 20.3 60.9

148 64.4 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.698 ug/l

RT: 15.217 min Scan# 2270

Delta R.T. 0.006 min

Lab File: VR026787.D

Acq: 22 Oct 2025 15:51

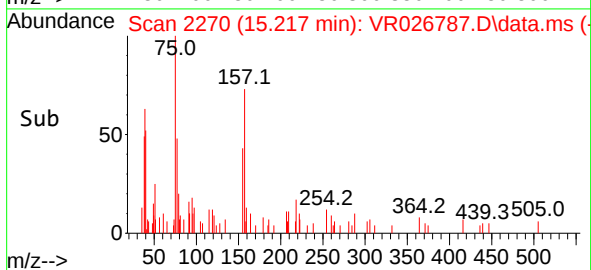
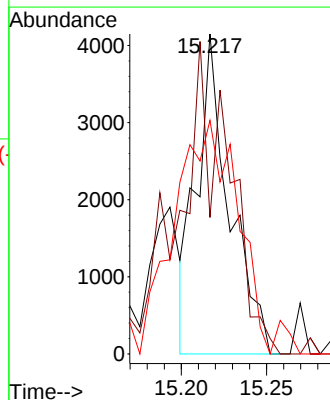
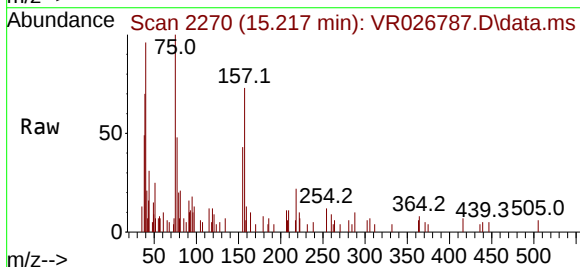
Tgt Ion: 75 Resp: 5515

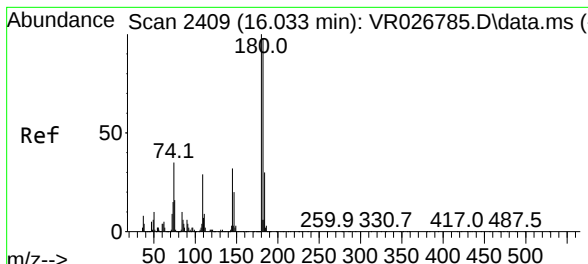
Ion Ratio Lower Upper

75 100

155 152.5 45.4 136.1#

157 143.5 59.1 177.2

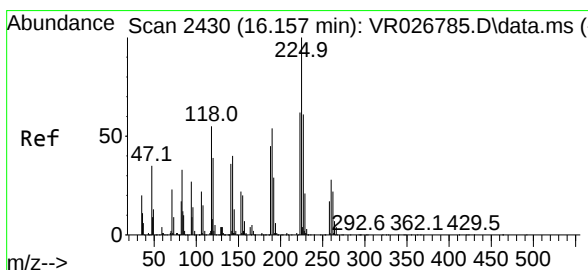
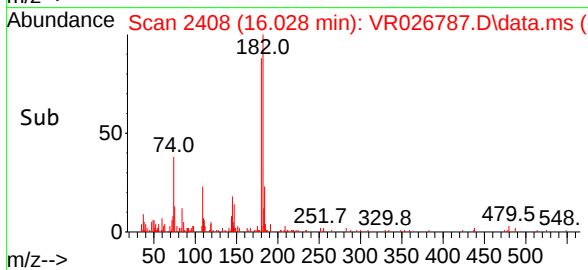
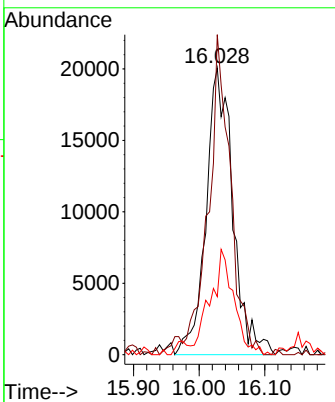
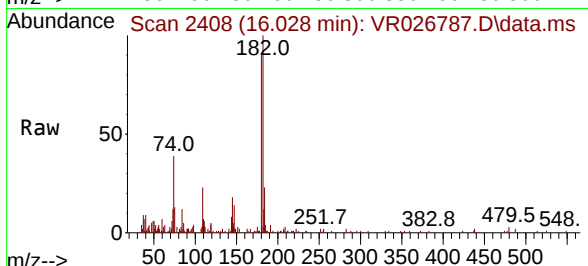




#93
 1,2,4-Trichlorobenzene
 Concen: 125.316 ug/l
 RT: 16.028 min Scan# 2408
 Delta R.T. -0.006 min
 Lab File: VR026787.D
 Acq: 22 Oct 2025 15:51

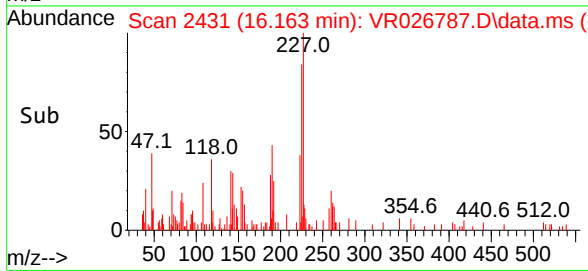
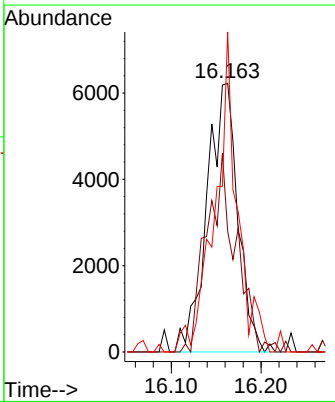
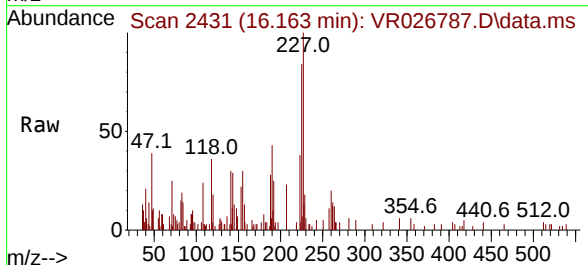
Instrument :
 MSVOA_R
 ClientSampleId :
 VIBLK

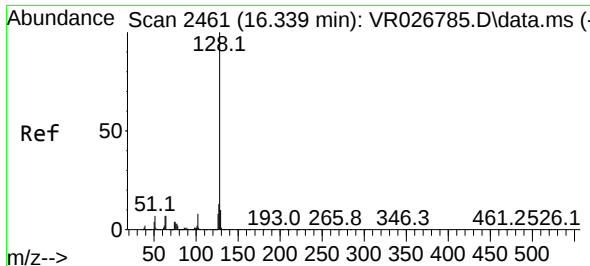
Tgt Ion:	180	Resp:	56732
Ion Ratio	Lower	Upper	
180	100		
182	94.2	46.8	140.3
145	32.5	15.8	47.3



#94
 Hexachlorobutadiene
 Concen: 92.160 ug/l
 RT: 16.163 min Scan# 2431
 Delta R.T. 0.006 min
 Lab File: VR026787.D
 Acq: 22 Oct 2025 15:51

Tgt Ion:	225	Resp:	14828
Ion Ratio	Lower	Upper	
225	100		
223	70.2	32.3	96.8
227	85.5	33.1	99.3

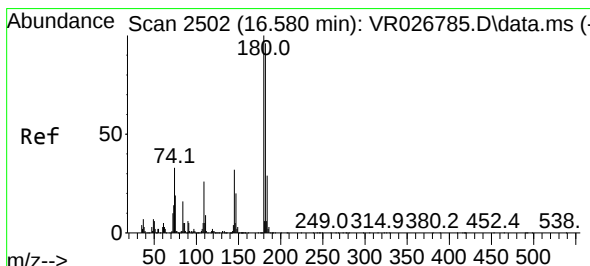
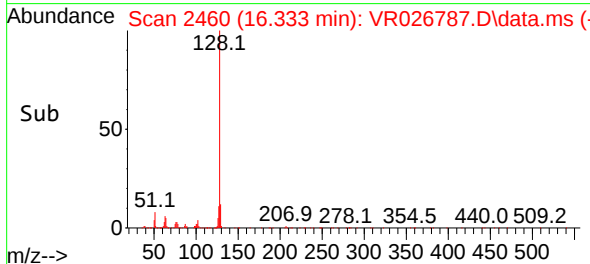
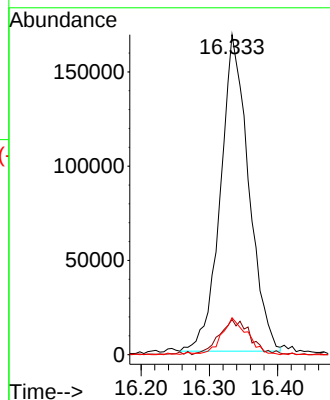
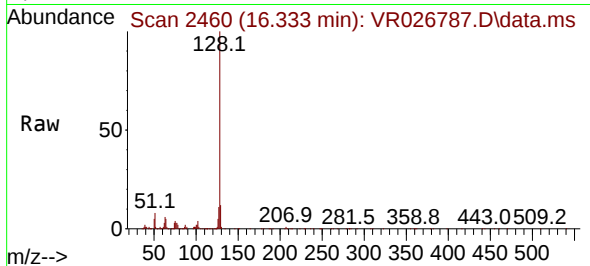




#95
Naphthalene
Concen: 340.771 ug/l
RT: 16.333 min Scan# 2460
Delta R.T. -0.006 min
Lab File: VR026787.D
Acq: 22 Oct 2025 15:51

Instrument :
MSVOA_R
ClientSampleId :
VIBLK

Tgt Ion:128 Resp: 483782
Ion Ratio Lower Upper
128 100
127 12.4 10.1 15.1
129 10.6 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 154.572 ug/l
RT: 16.574 min Scan# 2501
Delta R.T. -0.006 min
Lab File: VR026787.D
Acq: 22 Oct 2025 15:51

Tgt Ion:180 Resp: 68932
Ion Ratio Lower Upper
180 100
182 89.9 46.2 138.5
145 35.3 16.4 49.4

