

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR120425\
 Data File : VR026791.D
 Acq On : 4 Dec 2025 12:41
 Operator : SY/MD
 Sample : VSTDIC010
 Misc : 5.00g/5mL/MSVOA_R/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDIC010

Quant Time: Dec 05 03:46:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_R\methods\82R120425S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 05 03:44:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.796	168	590520	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.771	114	1067125	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.921	117	1064288	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.130	152	651872	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.178	65	67506	9.396	ug/l	0.00
Spiked Amount 50.000			Recovery	=	18.800%	
35) Dibromofluoromethane	7.720	113	59558	9.849	ug/l	0.00
Spiked Amount 50.000			Recovery	=	19.700%	
50) Toluene-d8	10.428	98	303447	10.655	ug/l	0.00
Spiked Amount 50.000			Recovery	=	21.320%	
62) 4-Bromofluorobenzene	13.049	95	96064	8.777	ug/l	0.00
Spiked Amount 50.000			Recovery	=	17.560%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.997	85	63383	9.514	ug/l	93
3) Chloromethane	2.202	50	90374	9.824	ug/l	95
4) Vinyl Chloride	2.332	62	102200	10.119	ug/l	98
5) Bromomethane	2.684	94	79721	9.286	ug/l	99
6) Chloroethane	2.831	64	68550	9.809	ug/l	99
7) Trichlorofluoromethane	3.160	101	153046	9.506	ug/l	88
8) Diethyl Ether	3.566	74	39409	10.461	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.912	101	75058	9.937	ug/l	98
10) Methyl Iodide	4.100	142	59203	10.885	ug/l #	96
11) Tert butyl alcohol	4.911	59	49310	20.502	ug/l #	95
12) 1,1-Dichloroethene	3.895	96	75320	10.209	ug/l	94
13) Acrolein	3.759	56	5458	30.922	ug/l #	1
14) Allyl chloride	4.476	41	128344	9.525	ug/l	98
15) Acrylonitrile	5.140	53	99115	45.854	ug/l #	86
16) Acetone	3.983	43	154256	49.302	ug/l	94
17) Carbon Disulfide	4.212	76	221225	9.820	ug/l	97
18) Methyl Acetate	4.488	43	49050	8.918	ug/l	99
19) Methyl tert-butyl Ether	5.217	73	175038	9.232	ug/l	93
20) Methylene Chloride	4.700	84	90397	10.079	ug/l #	86
21) trans-1,2-Dichloroethene	5.199	96	78901	9.818	ug/l	96
22) Diisopropyl ether	6.092	45	253609	9.261	ug/l #	95
23) Vinyl Acetate	6.022	43	631556	47.162	ug/l	98
24) 1,1-Dichloroethane	5.980	63	148379	9.644	ug/l	99
25) 2-Butanone	6.973	43	193473	50.199	ug/l	97
26) 2,2-Dichloropropane	6.956	77	124551	9.362	ug/l	97
27) cis-1,2-Dichloroethene	6.956	96	88446	9.426	ug/l	93
28) Bromochloromethane	7.320	49	64021	9.896	ug/l	100
29) Tetrahydrofuran	7.349	42	75203	42.931	ug/l	95
30) Chloroform	7.496	83	135799	9.605	ug/l #	82
31) Cyclohexane	7.790	56	164773	9.966	ug/l	88
32) 1,1,1-Trichloroethane	7.708	97	118197	9.614	ug/l	98
36) 1,1-Dichloropropene	7.937	75	115085	10.305	ug/l	95
37) Ethyl Acetate	7.056	43	49700	8.912	ug/l #	76
38) Carbon Tetrachloride	7.925	117	94467	9.520	ug/l	87
39) Methylcyclohexane	9.324	83	160405	9.628	ug/l	94
40) Benzene	8.196	78	322104	9.419	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.297	41	27451	7.849	ug/l #	80
42) 1,2-Dichloroethane	8.278	62	80092	9.461	ug/l	94
43) Isopropyl Acetate	8.325	43	106058	9.041	ug/l #	97
44) Trichloroethene	9.053	130	79602	9.791	ug/l	81
45) 1,2-Dichloropropane	9.347	63	79527	9.666	ug/l	91
46) Dibromomethane	9.459	93	38939	9.240	ug/l	96
47) Bromodichloromethane	9.659	83	101977	9.701	ug/l	89
48) Methyl methacrylate	9.435	41	52888	9.161	ug/l	99
49) 1,4-Dioxane	9.435	88	6659	78.379	ug/l #	19
51) 4-Methyl-2-Pentanone	10.305	43	264487	42.442	ug/l	96
52) Toluene	10.505	92	219620	9.586	ug/l	98
53) t-1,3-Dichloropropene	10.751	75	101411	9.382	ug/l	99
54) cis-1,3-Dichloropropene	10.146	75	120659	9.337	ug/l	91
55) 1,1,2-Trichloroethane	10.951	97	53219	8.780	ug/l #	84
56) Ethyl methacrylate	10.804	69	75414	8.408	ug/l	93
57) 1,3-Dichloropropane	11.116	76	100227	9.114	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.988	63	18449	34.144	ug/l	95
59) 2-Hexanone	11.169	43	268655	48.606	ug/l	98
60) Dibromochloromethane	11.345	129	60986	9.306	ug/l	100
61) 1,2-Dibromoethane	11.468	107	53151	9.312	ug/l	90
64) Tetrachloroethene	11.051	164	73636	9.992	ug/l #	72
65) Chlorobenzene	11.950	112	254722	9.781	ug/l	91
66) 1,1,1,2-Tetrachloroethane	12.032	131	63835	8.977	ug/l	91
67) Ethyl Benzene	12.038	91	450069	9.609	ug/l	97
68) m/p-Xylenes	12.162	106	355805	19.415	ug/l	94
69) o-Xylene	12.538	106	163358	9.268	ug/l	97
70) Styrene	12.555	104	287208	9.511	ug/l	98
71) Bromoform	12.743	173	31255	8.512	ug/l #	99
73) Isopropylbenzene	12.878	105	426241	9.460	ug/l	99
74) N-amyl acetate	12.655	43	108243	8.777	ug/l	97
75) 1,1,2,2-Tetrachloroethane	13.155	83	64804	8.514	ug/l	96
76) 1,2,3-Trichloropropane	13.213	75	82813	12.360	ug/l	63
77) Bromobenzene	13.196	156	86981	9.027	ug/l	90
78) n-propylbenzene	13.266	91	540278	9.312	ug/l	97
79) 2-Chlorotoluene	13.360	91	299204	9.532	ug/l	99
80) 1,3,5-Trimethylbenzene	13.425	105	353641	8.986	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.919	75	24479	9.325	ug/l #	84
82) 4-Chlorotoluene	13.478	91	311110	9.122	ug/l	95
83) tert-Butylbenzene	13.724	119	333645	9.407	ug/l	94
84) 1,2,4-Trimethylbenzene	13.777	105	407482	9.646	ug/l	97
85) sec-Butylbenzene	13.930	105	518636	9.276	ug/l	97
86) p-Isopropyltoluene	14.059	119	484854	9.846	ug/l	97
87) 1,3-Dichlorobenzene	14.059	146	224490	9.628	ug/l	98
88) 1,4-Dichlorobenzene	14.147	146	250197	10.165	ug/l	98
89) n-Butylbenzene	14.424	91	483098	9.518	ug/l	99
90) Hexachloroethane	14.741	117	68497	8.902	ug/l	100
91) 1,2-Dichlorobenzene	14.488	146	198550	9.276	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	15.182	75	10928	7.777	ug/l	98
93) 1,2,4-Trichlorobenzene	16.004	180	124485	9.060	ug/l	93
94) Hexachlorobutadiene	16.133	225	59597	9.395	ug/l	97
95) Naphthalene	16.304	128	182501	9.571	ug/l #	95
96) 1,2,3-Trichlorobenzene	16.556	180	105897	9.066	ug/l	94

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ClientSampleId :
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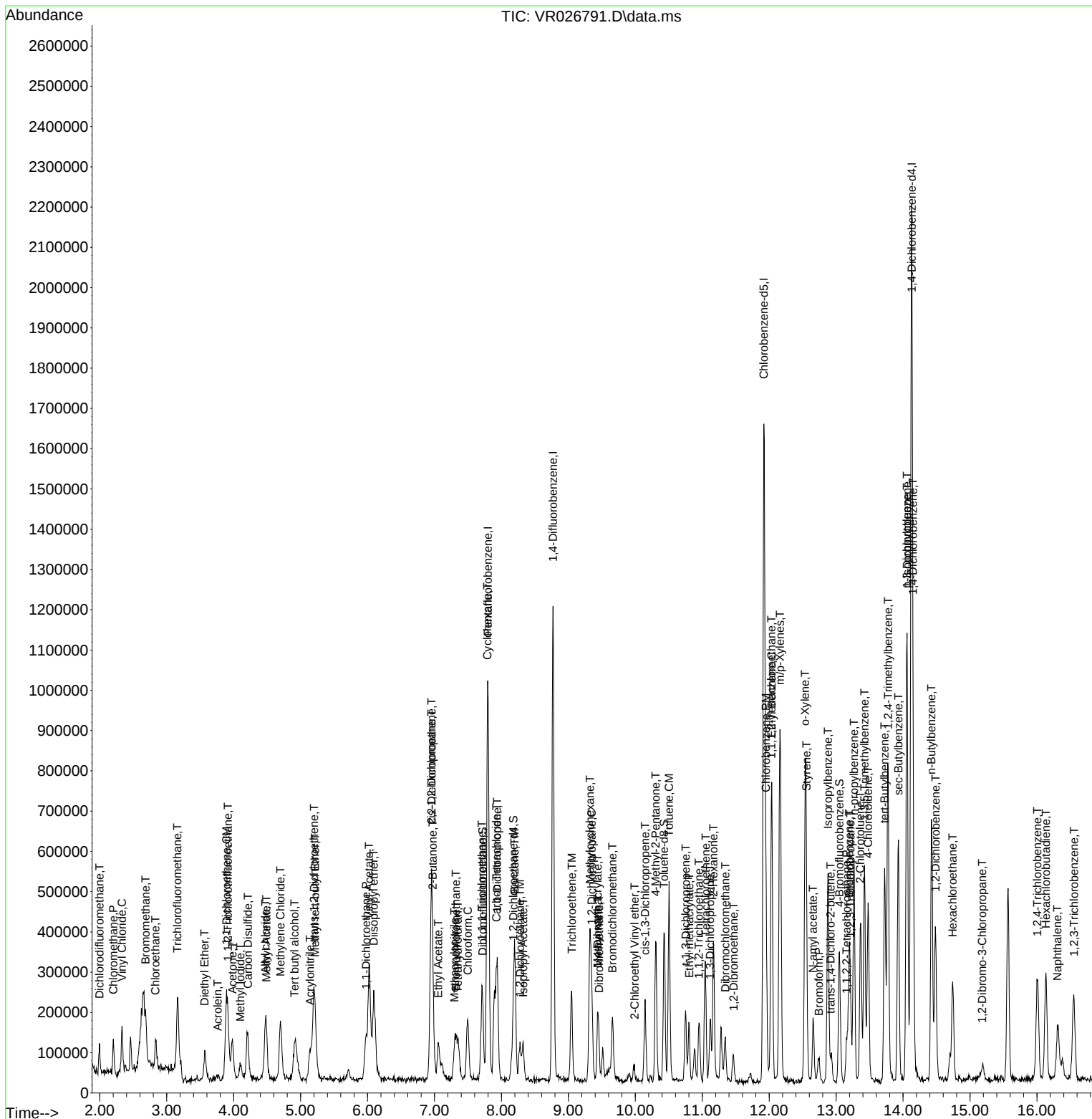
Quant Time: Dec 05 03:46:18 2025
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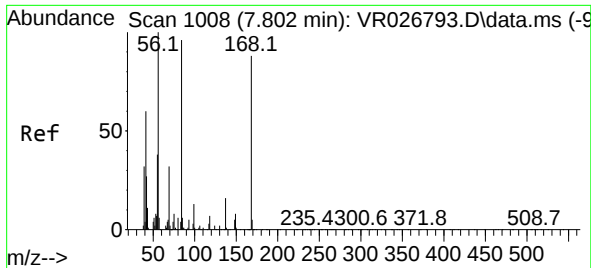
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_R
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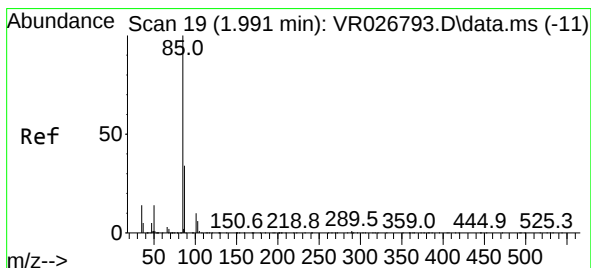
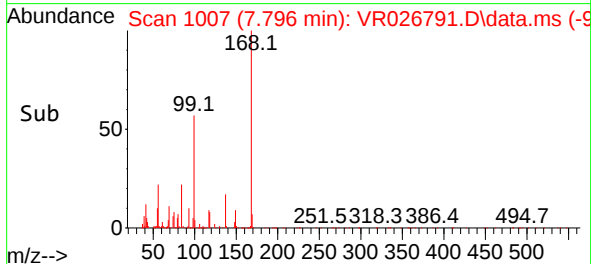
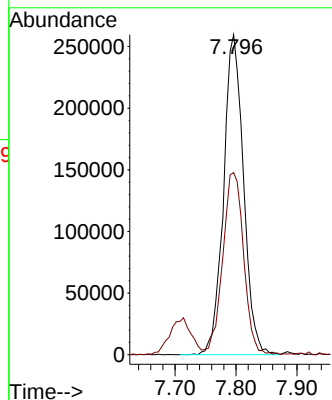
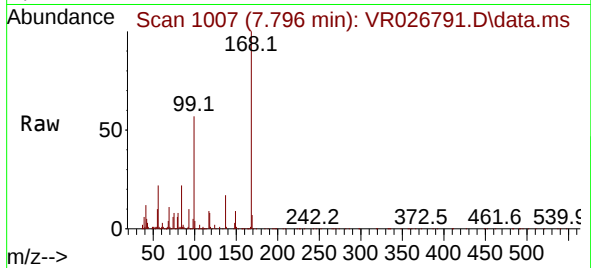




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.796 min Scan# 10
Delta R.T. -0.006 min
Lab File: VR026791.D
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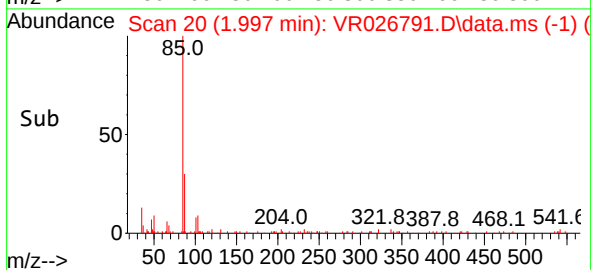
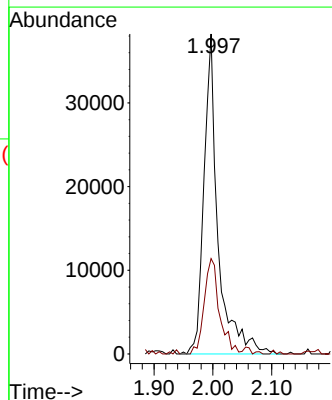
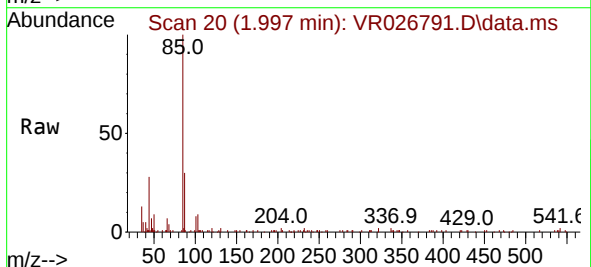
Instrument :
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ClientSampleId :
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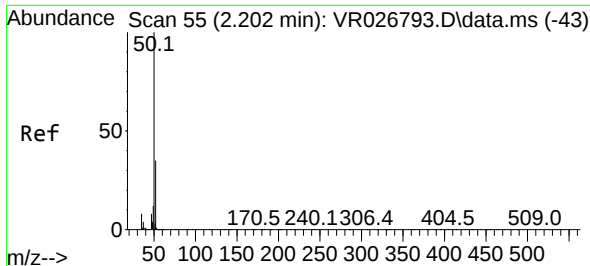
Tgt Ion:168 Resp: 590520
Ion Ratio Lower Upper
168 100
99 56.8 45.3 67.9



#2
Dichlorodifluoromethane
Concen: 9.514 ug/l
RT: 1.997 min Scan# 20
Delta R.T. 0.006 min
Lab File: VR026791.D
Acq: 4 Dec 2025 12:41

Tgt Ion: 85 Resp: 63383
Ion Ratio Lower Upper
85 100
87 29.8 17.1 51.2

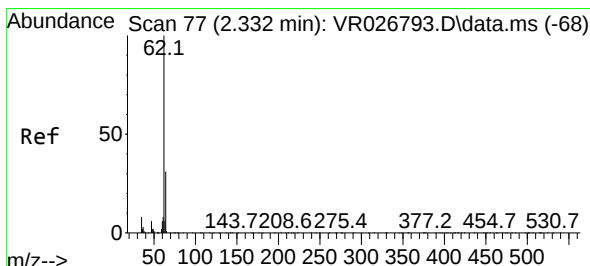
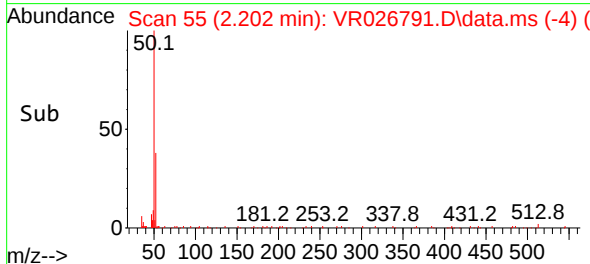
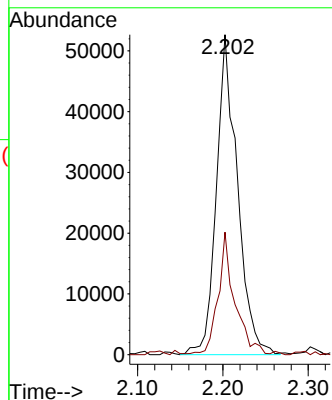
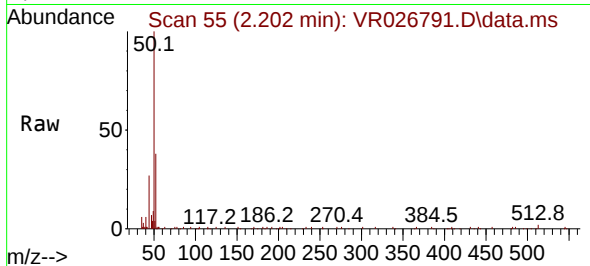




#3
Chloromethane
Concen: 9.824 ug/l
RT: 2.202 min Scan# 51
Delta R.T. 0.000 min
Lab File: VR026791.D
Acq: 4 Dec 2025 12:41

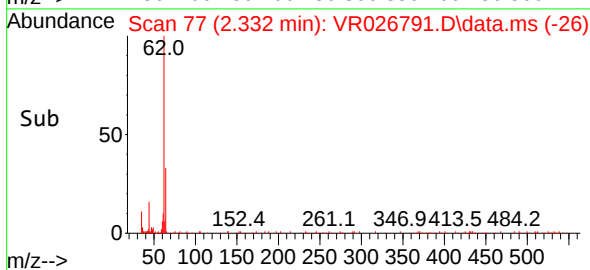
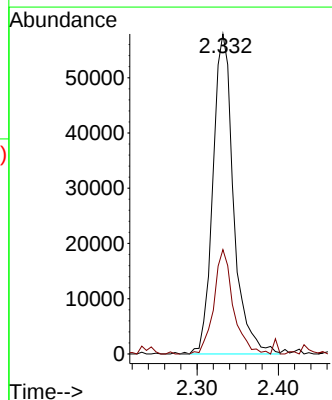
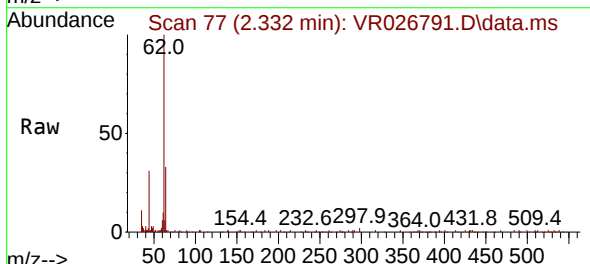
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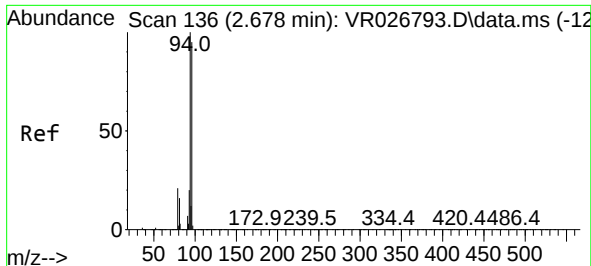
Tgt Ion: 50 Resp: 90374
Ion Ratio Lower Upper
50 100
52 37.9 28.2 42.4



#4
Vinyl Chloride
Concen: 10.119 ug/l
RT: 2.332 min Scan# 77
Delta R.T. 0.000 min
Lab File: VR026791.D
Acq: 4 Dec 2025 12:41

Tgt Ion: 62 Resp: 102200
Ion Ratio Lower Upper
62 100
64 32.6 25.2 37.8

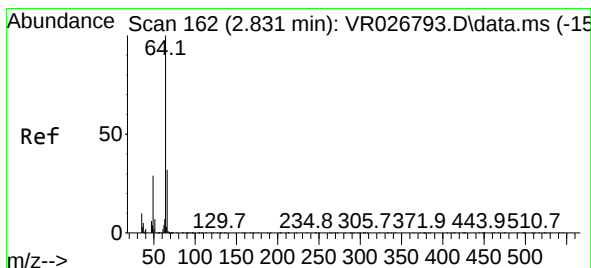
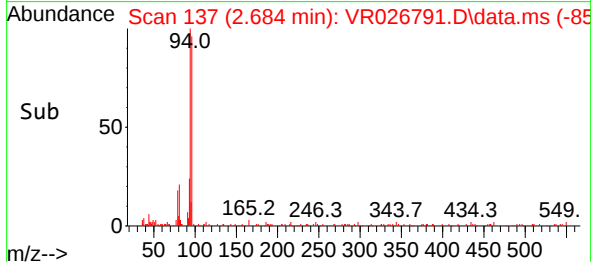
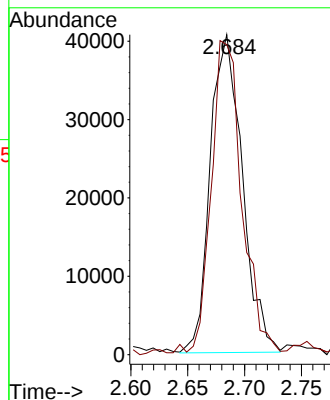
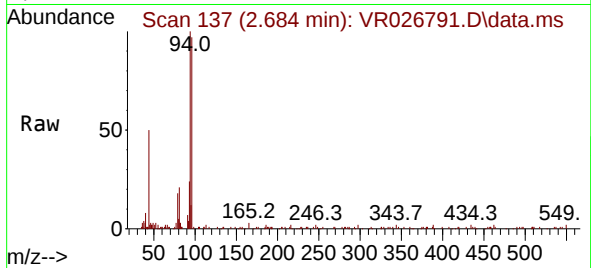




#5
Bromomethane
Concen: 9.286 ug/l
RT: 2.684 min Scan# 11
Delta R.T. 0.006 min
Lab File: VR026791.D
Acq: 4 Dec 2025 12:41

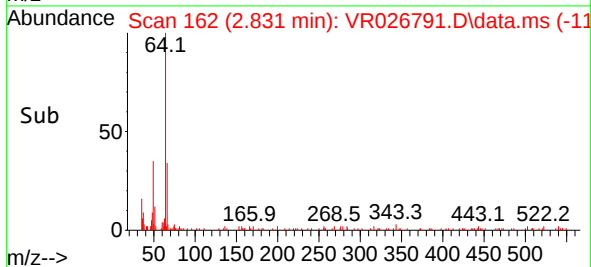
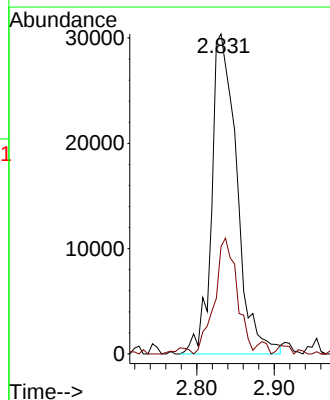
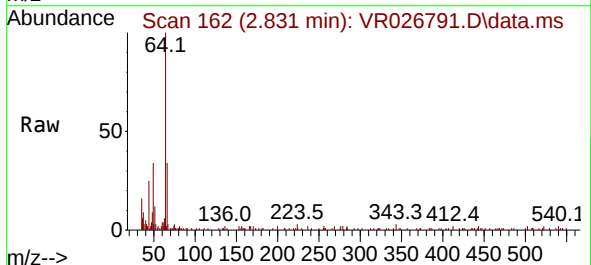
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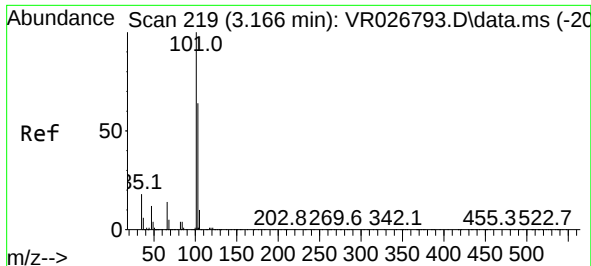
Tgt Ion: 94 Resp: 79721
Ion Ratio Lower Upper
94 100
96 96.6 76.2 114.2



#6
Chloroethane
Concen: 9.809 ug/l
RT: 2.831 min Scan# 162
Delta R.T. 0.000 min
Lab File: VR026791.D
Acq: 4 Dec 2025 12:41

Tgt Ion: 64 Resp: 68550
Ion Ratio Lower Upper
64 100
66 31.7 25.8 38.6

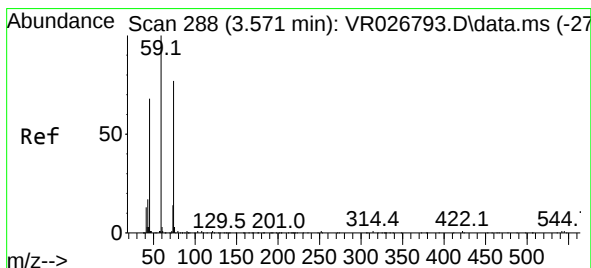
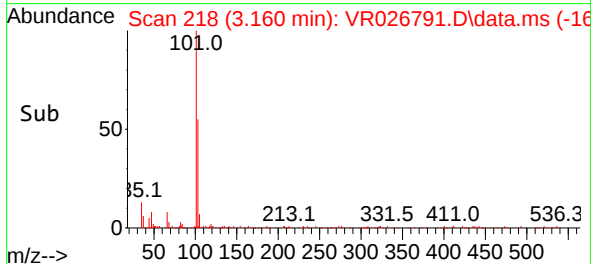
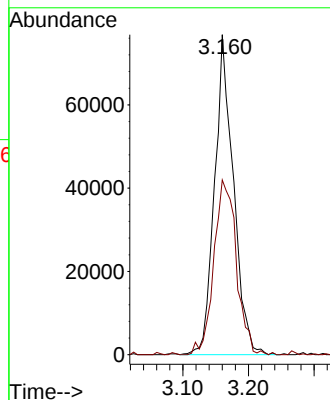
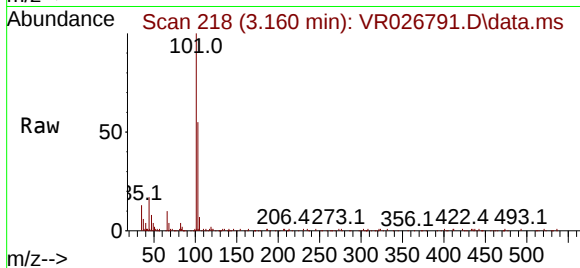




#7
Trichlorofluoromethane
Concen: 9.506 ug/l
RT: 3.160 min Scan# 219
Delta R.T. -0.006 min
Lab File: VR026791.D
Acq: 4 Dec 2025 12:41

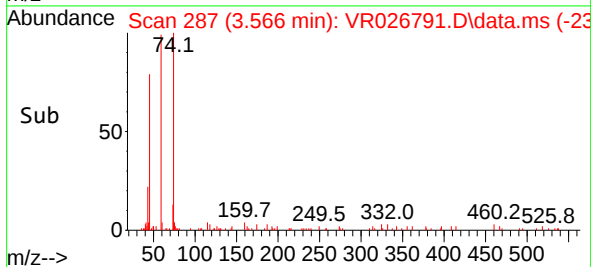
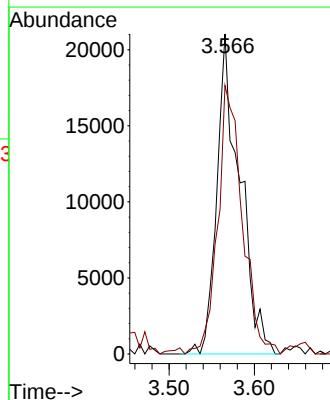
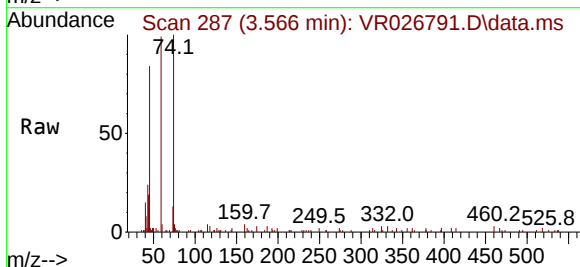
Instrument :
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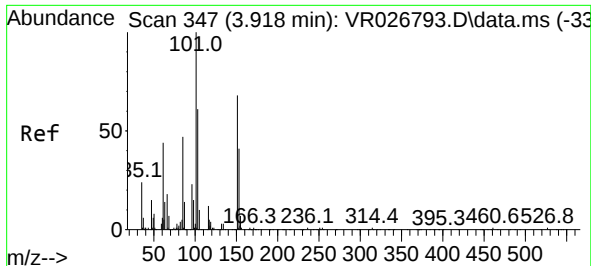
Tgt Ion:101 Resp: 153046
Ion Ratio Lower Upper
101 100
103 54.6 51.4 77.2



#8
Diethyl Ether
Concen: 10.461 ug/l
RT: 3.566 min Scan# 287
Delta R.T. -0.005 min
Lab File: VR026791.D
Acq: 4 Dec 2025 12:41

Tgt Ion: 74 Resp: 39409
Ion Ratio Lower Upper
74 100
45 89.4 49.9 149.7

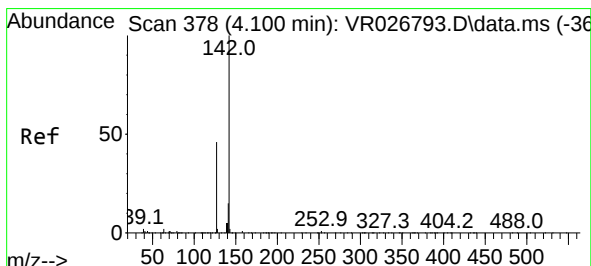
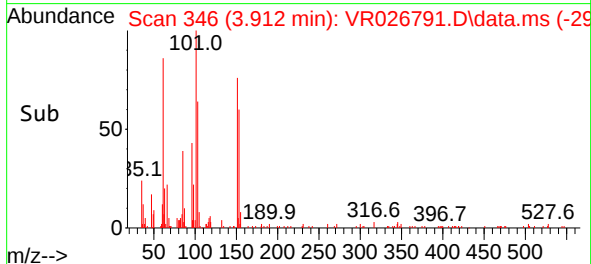
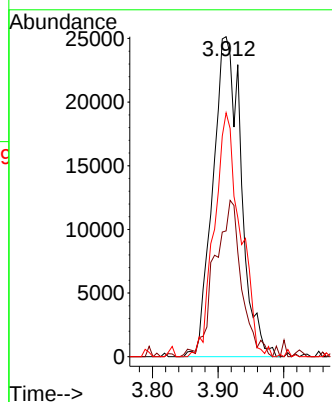
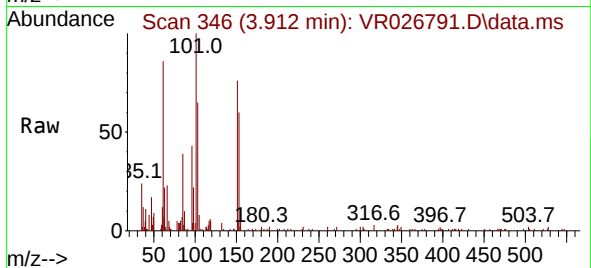




#9
1,1,2-Trichlorotrifluoroethane
Concen: 9.937 ug/l
RT: 3.912 min Scan# 347
Delta R.T. -0.006 min
Lab File: VR026791.D
Acq: 4 Dec 2025 12:41

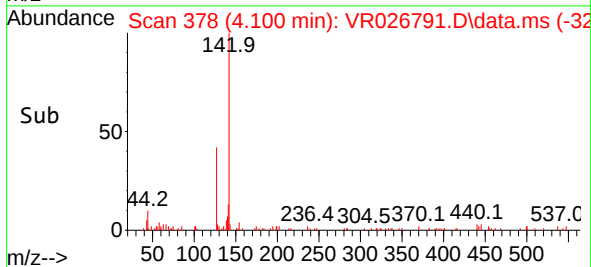
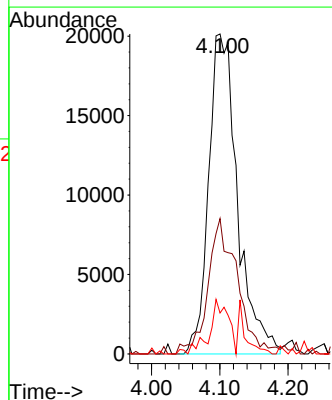
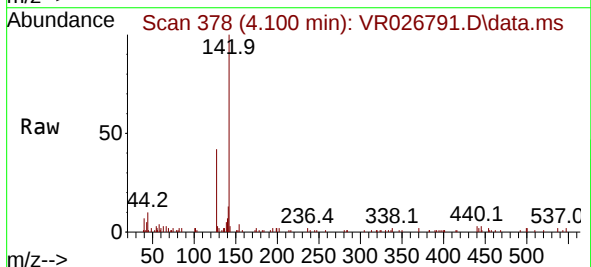
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC010

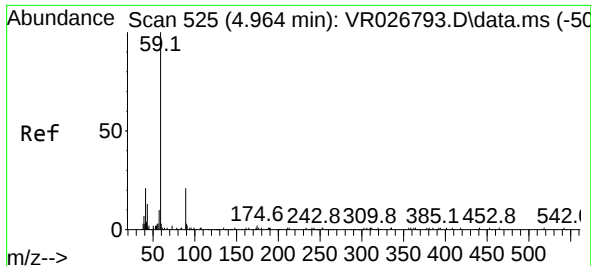
Tgt Ion:	101	Resp:	75058
Ion	Ratio	Lower	Upper
101	100		
85	46.6	39.3	58.9
151	70.2	55.8	83.8



#10
Methyl Iodide
Concen: 10.885 ug/l
RT: 4.100 min Scan# 378
Delta R.T. 0.000 min
Lab File: VR026791.D
Acq: 4 Dec 2025 12:41

Tgt Ion:	142	Resp:	59203
Ion	Ratio	Lower	Upper
142	100		
127	42.7	32.6	48.8
141	11.2	11.3	16.9

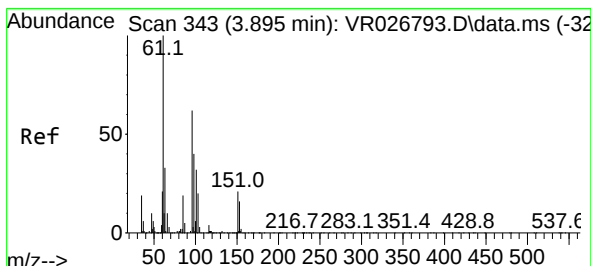
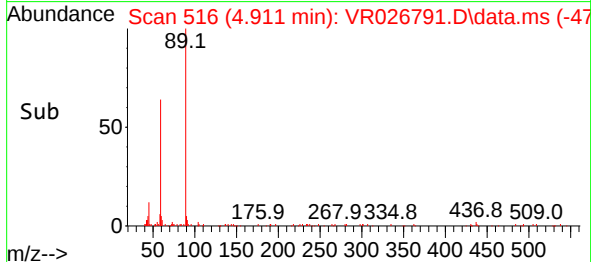
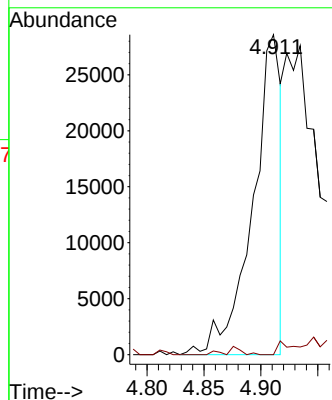
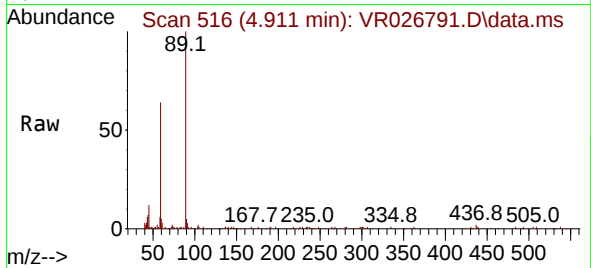




#11
Tert butyl alcohol
Concen: 20.502 ug/l
RT: 4.911 min Scan# 516
Delta R.T. -0.053 min
Lab File: VR026791.D
Acq: 4 Dec 2025 12:41

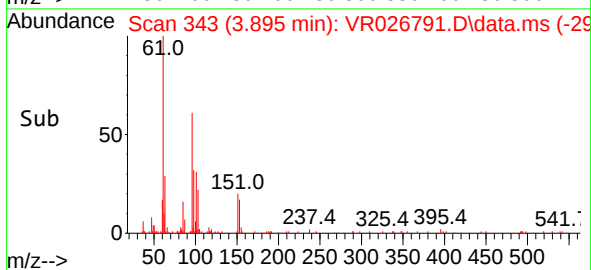
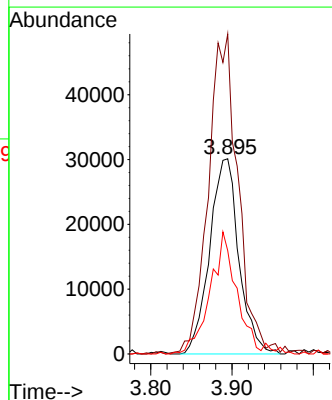
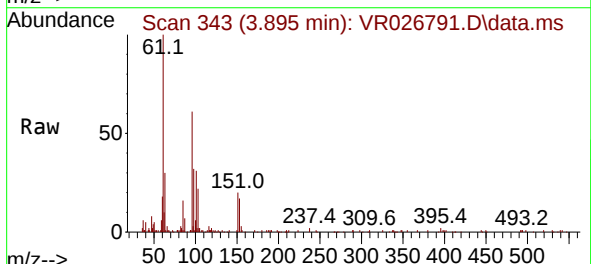
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC010

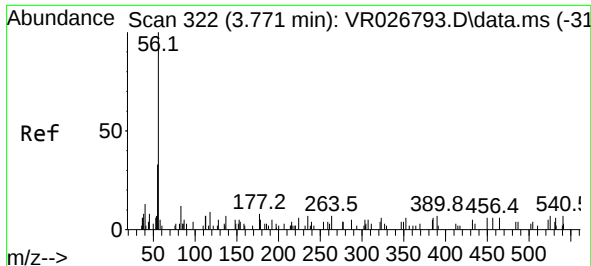
Tgt Ion: 59 Resp: 49310
Ion Ratio Lower Upper
59 100
57 2.4 3.1 4.7#



#12
1,1-Dichloroethene
Concen: 10.209 ug/l
RT: 3.895 min Scan# 343
Delta R.T. -0.000 min
Lab File: VR026791.D
Acq: 4 Dec 2025 12:41

Tgt Ion: 96 Resp: 75320
Ion Ratio Lower Upper
96 100
61 163.1 128.2 192.4
98 52.2 51.8 77.8

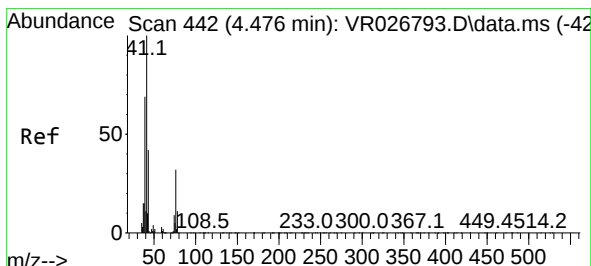
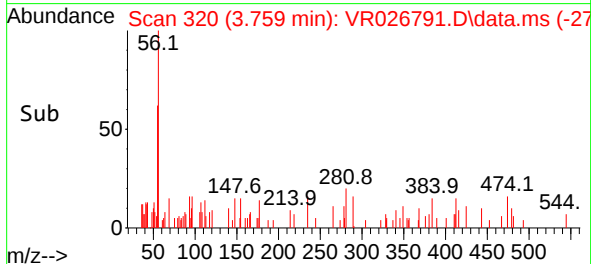
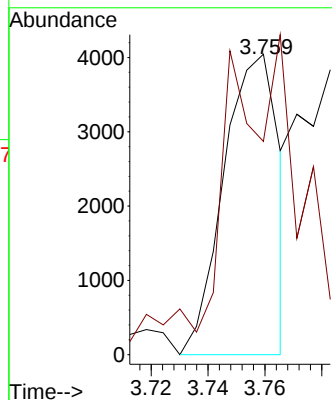
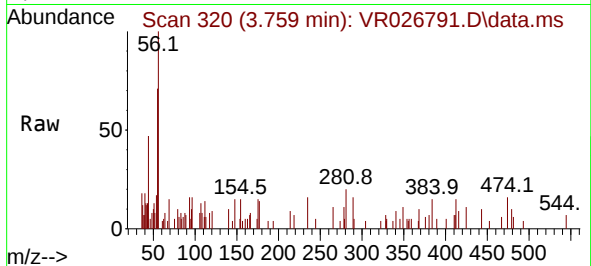




#13
Acrolein
Concen: 30.922 ug/l
RT: 3.759 min Scan# 31
Delta R.T. -0.012 min
Lab File: VR026791.D
Acq: 4 Dec 2025 12:41

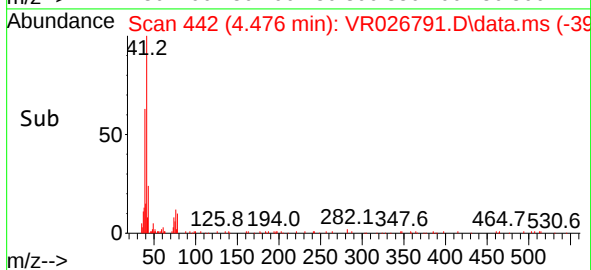
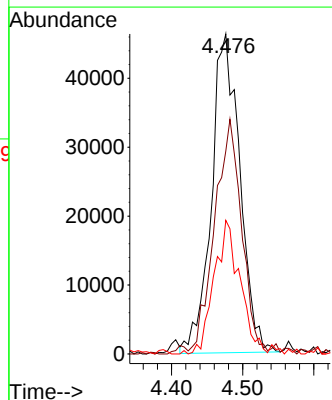
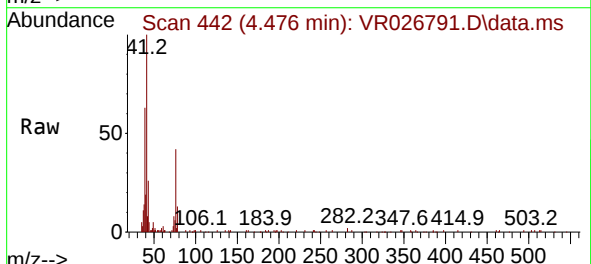
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC010

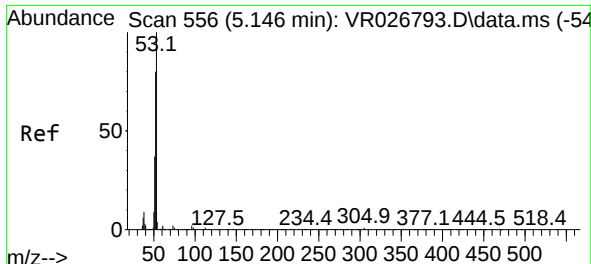
Tgt Ion: 56 Resp: 5458
Ion Ratio Lower Upper
56 100
55 165.8 58.5 87.7#



#14
Allyl chloride
Concen: 9.525 ug/l
RT: 4.476 min Scan# 442
Delta R.T. 0.000 min
Lab File: VR026791.D
Acq: 4 Dec 2025 12:41

Tgt Ion: 41 Resp: 128344
Ion Ratio Lower Upper
41 100
39 68.6 55.0 82.4
76 38.1 27.3 40.9

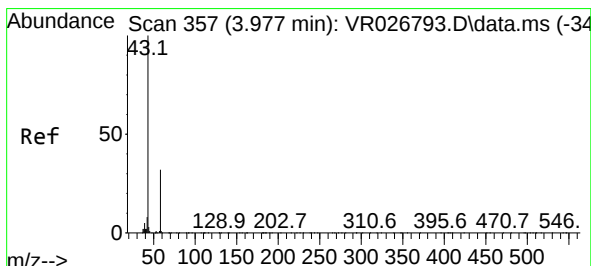
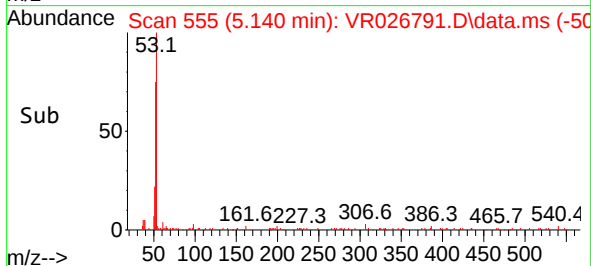
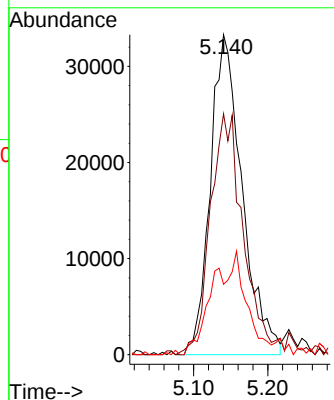
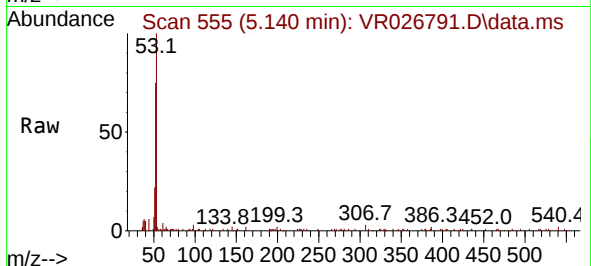




#15
Acrylonitrile
Concen: 45.854 ug/l
RT: 5.140 min Scan# 511
Delta R.T. -0.006 min
Lab File: VR026791.D
Acq: 4 Dec 2025 12:41

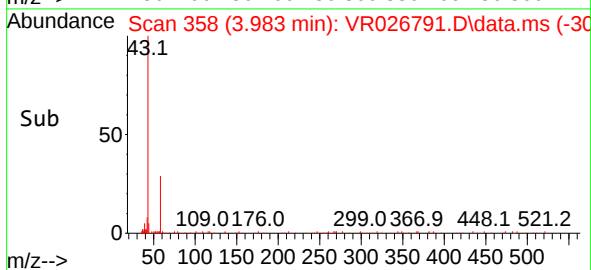
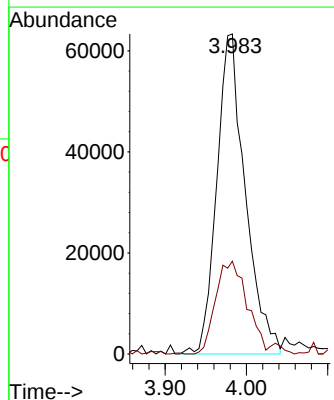
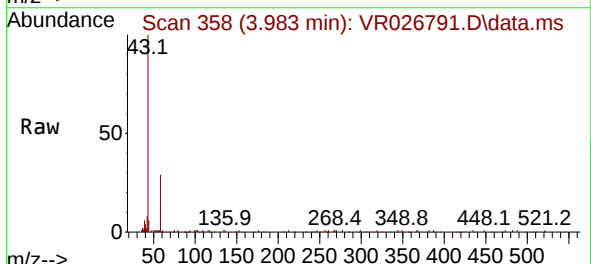
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC010

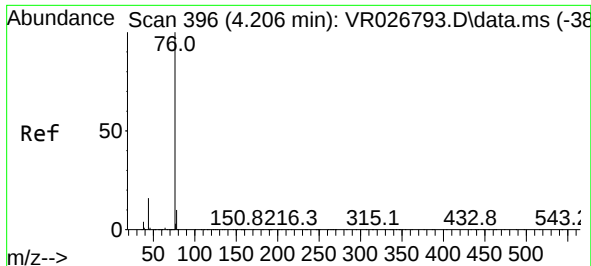
Tgt Ion: 53	Resp: 99115
Ion Ratio	Lower Upper
53	100
52	77.8 65.9 98.9
51	15.6 28.1 42.1#



#16
Acetone
Concen: 49.302 ug/l
RT: 3.983 min Scan# 358
Delta R.T. 0.006 min
Lab File: VR026791.D
Acq: 4 Dec 2025 12:41

Tgt Ion: 43	Resp: 154256
Ion Ratio	Lower Upper
43	100
58	28.7 25.5 38.3

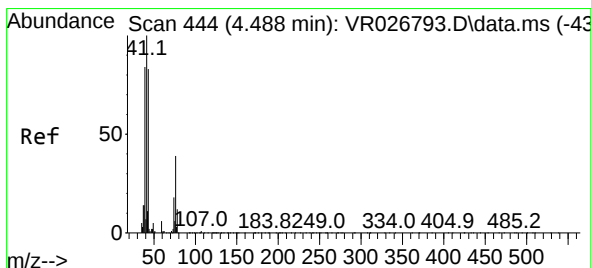
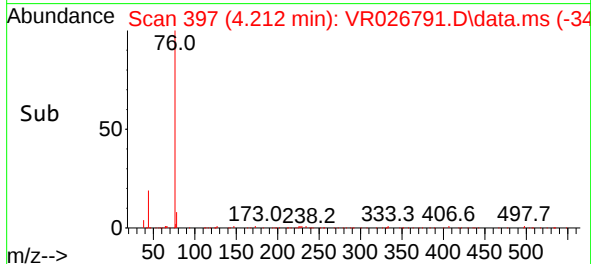
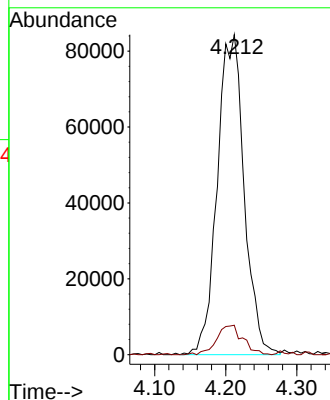
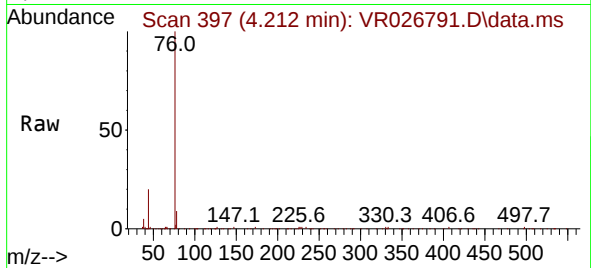




#17
Carbon Disulfide
Concen: 9.820 ug/l
RT: 4.212 min Scan# 397
Delta R.T. 0.006 min
Lab File: VR026791.D
Acq: 4 Dec 2025 12:41

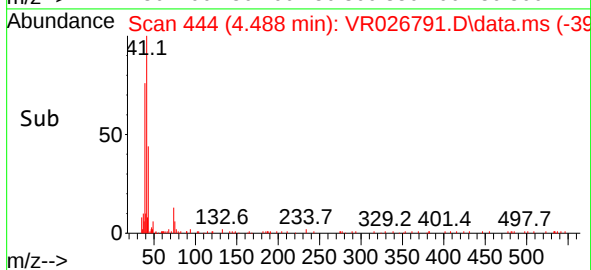
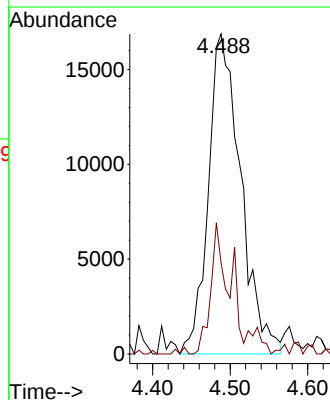
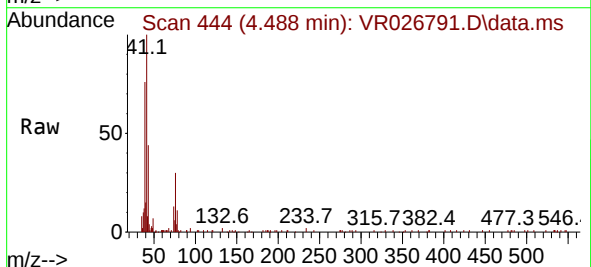
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC010

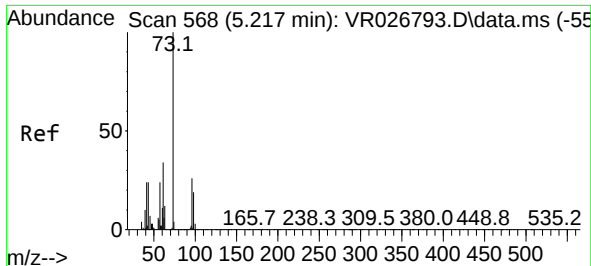
Tgt Ion: 76 Resp: 221225
Ion Ratio Lower Upper
76 100
78 9.2 8.2 12.4



#18
Methyl Acetate
Concen: 8.918 ug/l
RT: 4.488 min Scan# 444
Delta R.T. 0.000 min
Lab File: VR026791.D
Acq: 4 Dec 2025 12:41

Tgt Ion: 43 Resp: 49050
Ion Ratio Lower Upper
43 100
74 23.5 18.3 27.5

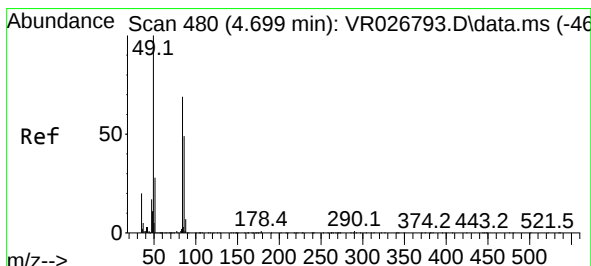
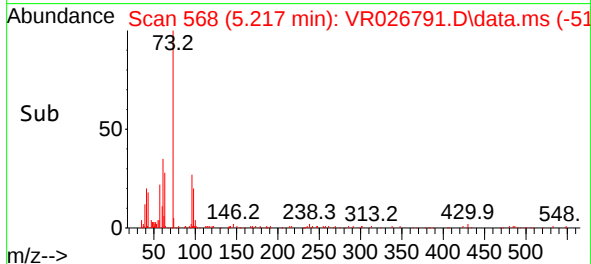
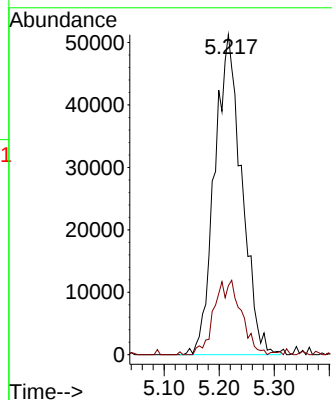
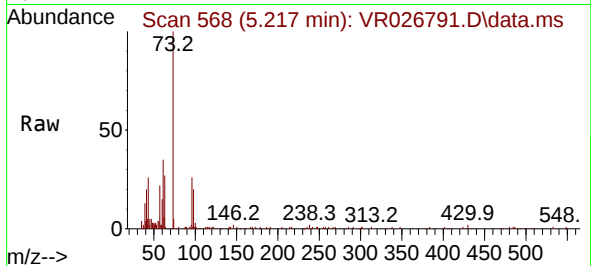




#19
Methyl tert-butyl Ether
Concen: 9.232 ug/l
RT: 5.217 min Scan# 51
Delta R.T. -0.000 min
Lab File: VR026791.D
Acq: 4 Dec 2025 12:41

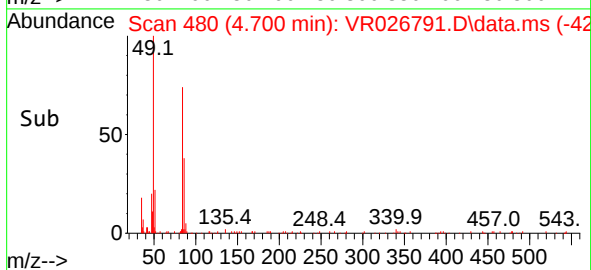
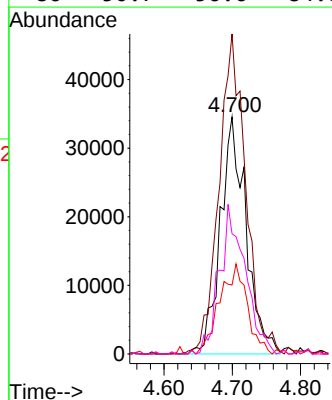
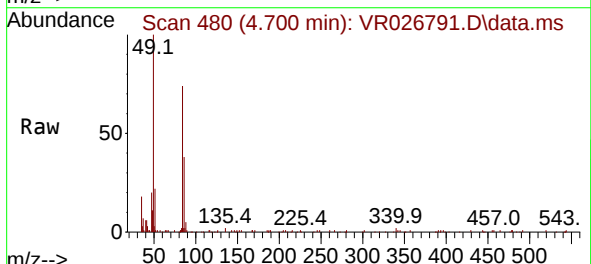
Instrument :
MSVOA_R
ClientSampleId :
VSTDICC010

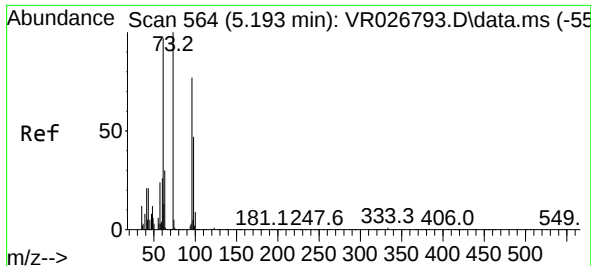
Tgt Ion: 73 Resp: 175038
Ion Ratio Lower Upper
73 100
57 20.7 19.1 28.7



#20
Methylene Chloride
Concen: 10.079 ug/l
RT: 4.700 min Scan# 480
Delta R.T. 0.001 min
Lab File: VR026791.D
Acq: 4 Dec 2025 12:41

Tgt Ion: 84 Resp: 90397
Ion Ratio Lower Upper
84 100
49 135.0 115.9 173.9
51 28.0 31.9 47.9#
86 50.7 56.6 84.8#

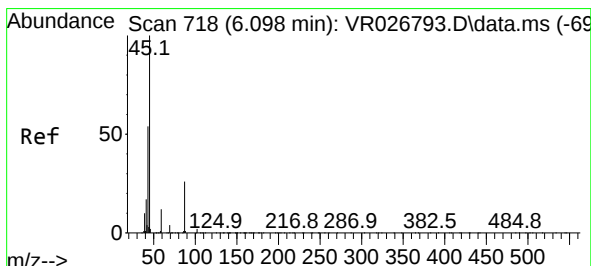
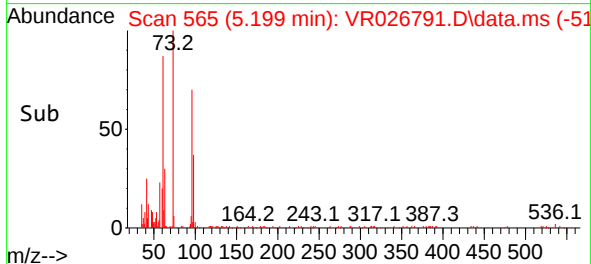
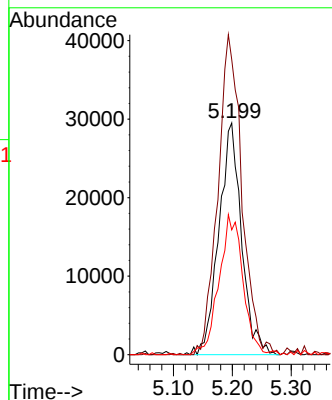
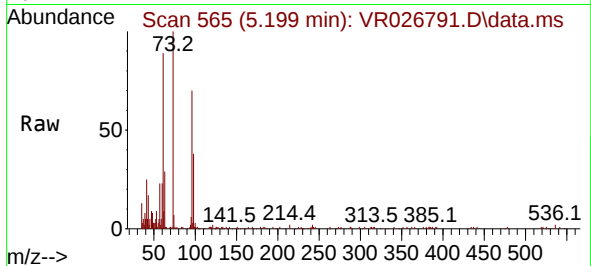




#21
trans-1,2-Dichloroethene
Concen: 9.818 ug/l
RT: 5.199 min Scan# 501
Delta R.T. 0.006 min
Lab File: VR026791.D
Acq: 4 Dec 2025 12:41

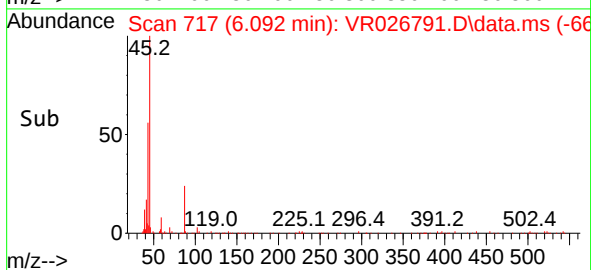
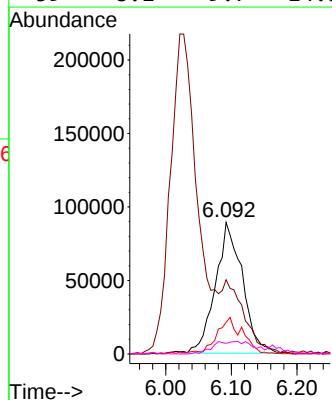
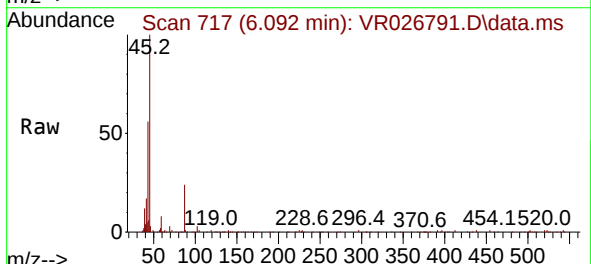
Instrument :
MSVOA_R
ClientSampleId :
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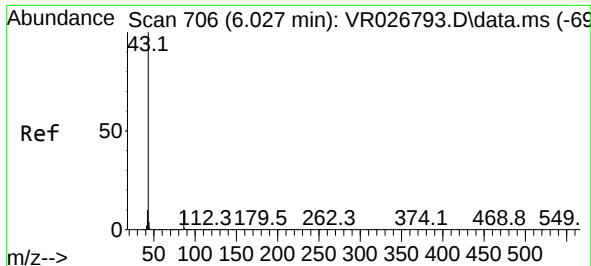
Tgt Ion: 96 Resp: 78901
Ion Ratio Lower Upper
96 100
61 127.4 101.2 151.8
98 53.9 49.0 73.4



#22
Diisopropyl ether
Concen: 9.261 ug/l
RT: 6.092 min Scan# 717
Delta R.T. -0.006 min
Lab File: VR026791.D
Acq: 4 Dec 2025 12:41

Tgt Ion: 45 Resp: 253609
Ion Ratio Lower Upper
45 100
43 55.7 46.6 70.0
87 23.7 21.1 31.7
59 8.1 9.7 14.5#

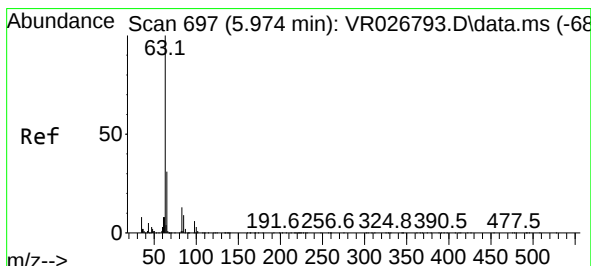
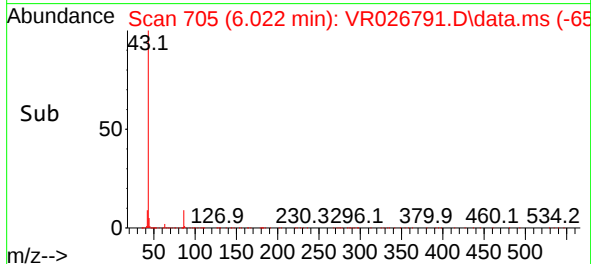
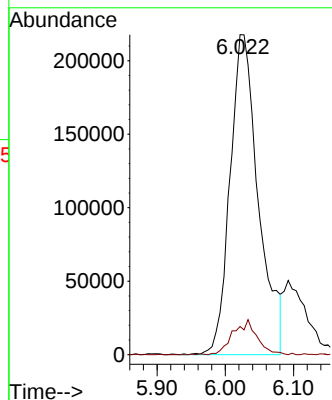
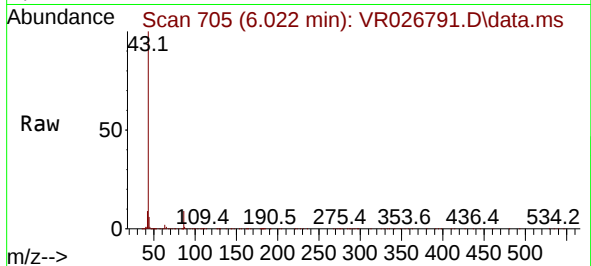




#23
 Vinyl Acetate
 Concen: 47.162 ug/l
 RT: 6.022 min Scan# 706
 Delta R.T. -0.005 min
 Lab File: VR026791.D
 Acq: 4 Dec 2025 12:41

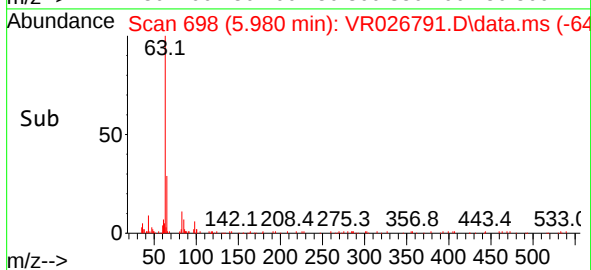
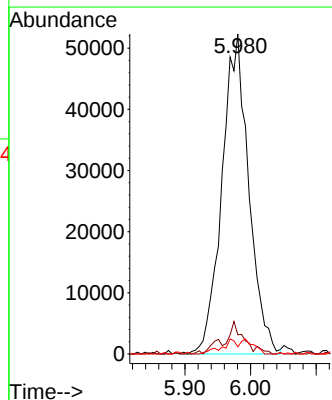
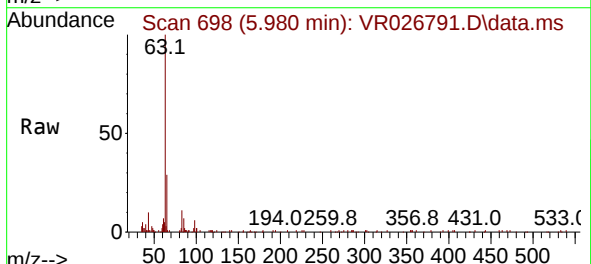
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDIC010

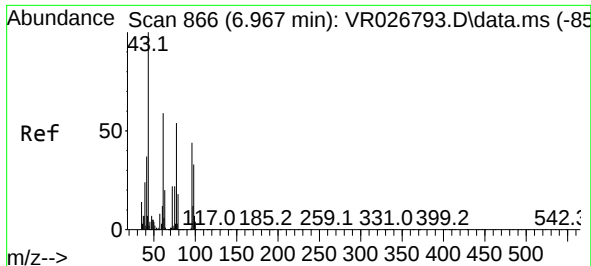
Tgt Ion: 43 Resp: 631556
 Ion Ratio Lower Upper
 43 100
 86 8.8 7.6 11.4



#24
 1,1-Dichloroethane
 Concen: 9.644 ug/l
 RT: 5.980 min Scan# 698
 Delta R.T. 0.006 min
 Lab File: VR026791.D
 Acq: 4 Dec 2025 12:41

Tgt Ion: 63 Resp: 148379
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.3 9.8
 100 3.5 1.8 5.3

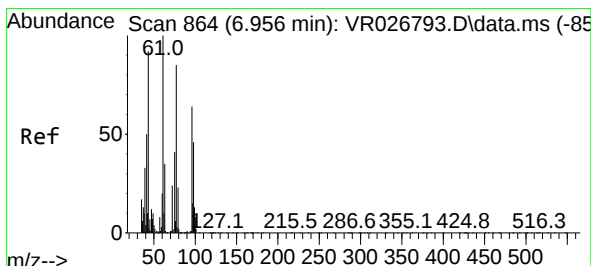
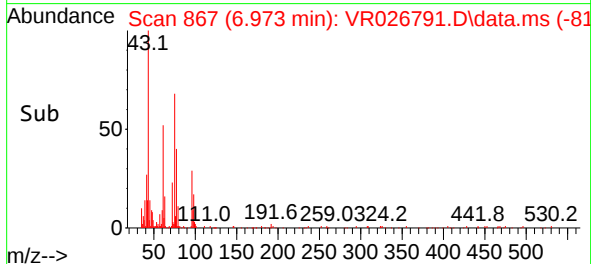
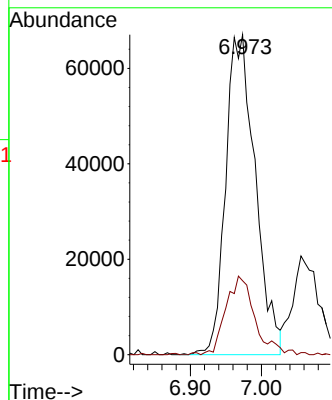
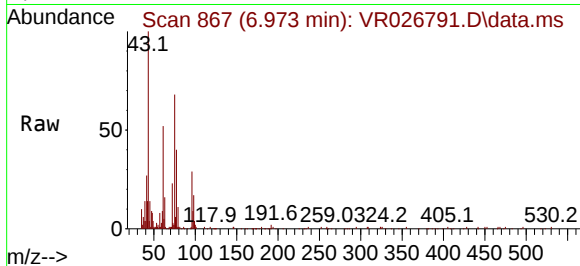




#25
2-Butanone
Concen: 50.199 ug/l
RT: 6.973 min Scan# 867
Delta R.T. 0.006 min
Lab File: VR026791.D
Acq: 4 Dec 2025 12:41

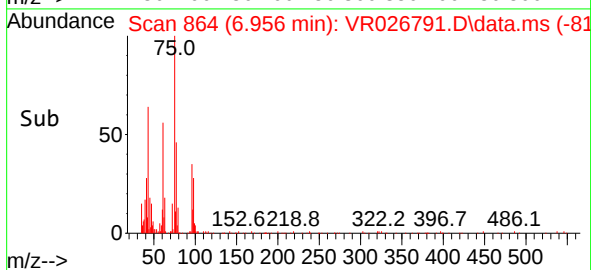
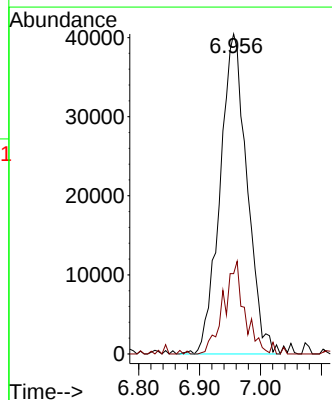
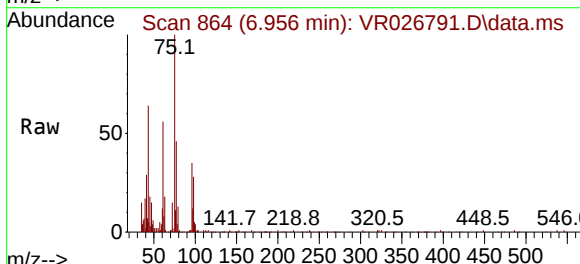
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC010

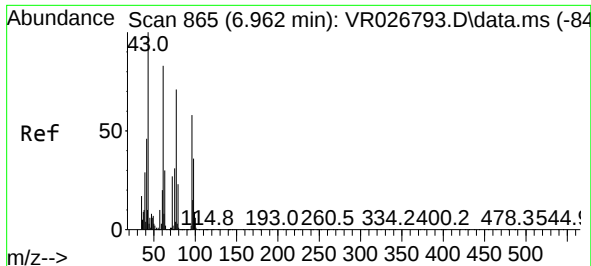
Tgt Ion: 43 Resp: 193473
Ion Ratio Lower Upper
43 100
72 23.1 17.4 26.2



#26
2,2-Dichloropropane
Concen: 9.362 ug/l
RT: 6.956 min Scan# 864
Delta R.T. -0.000 min
Lab File: VR026791.D
Acq: 4 Dec 2025 12:41

Tgt Ion: 77 Resp: 124551
Ion Ratio Lower Upper
77 100
97 22.4 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 9.426 ug/l

RT: 6.956 min Scan# 865

Delta R.T. -0.006 min

Lab File: VR026791.D

Acq: 4 Dec 2025 12:41

Instrument :

MSVOA_R

ClientSampleId :

VSTDIC010

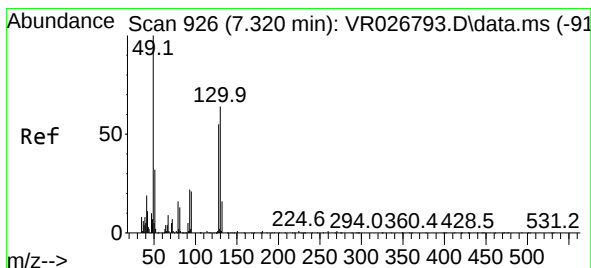
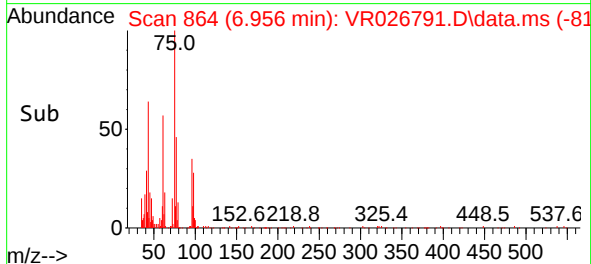
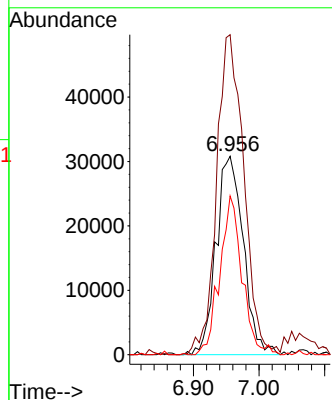
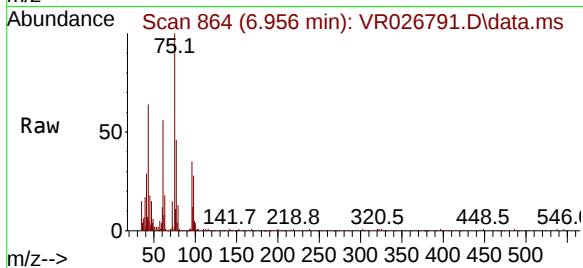
Tgt Ion: 96 Resp: 88446

Ion Ratio Lower Upper

96 100

61 161.0 0.0 296.6

98 65.9 0.0 132.0



#28

Bromochloromethane

Concen: 9.896 ug/l

RT: 7.320 min Scan# 926

Delta R.T. 0.000 min

Lab File: VR026791.D

Acq: 4 Dec 2025 12:41

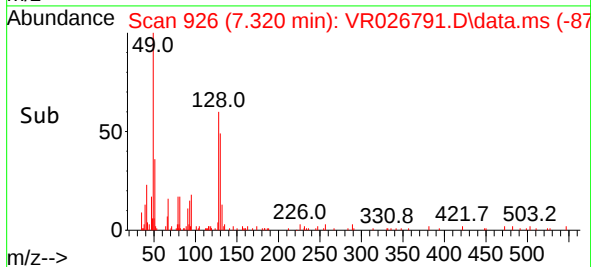
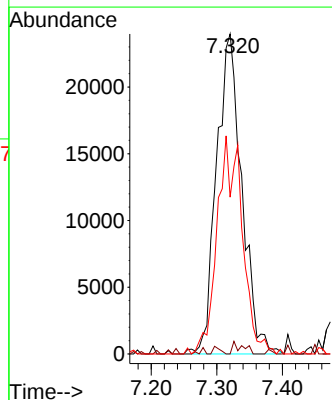
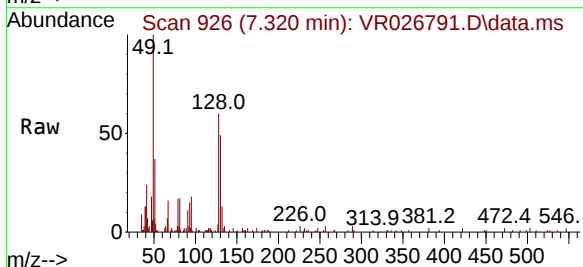
Tgt Ion: 49 Resp: 64021

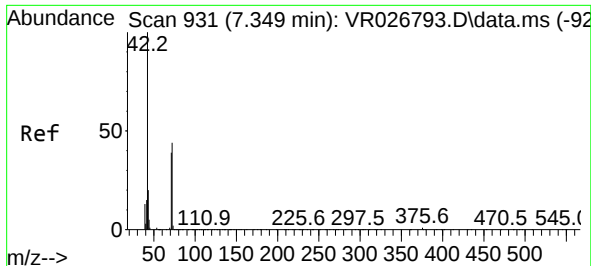
Ion Ratio Lower Upper

49 100

129 1.6 0.0 2.6

130 68.2 54.8 82.2

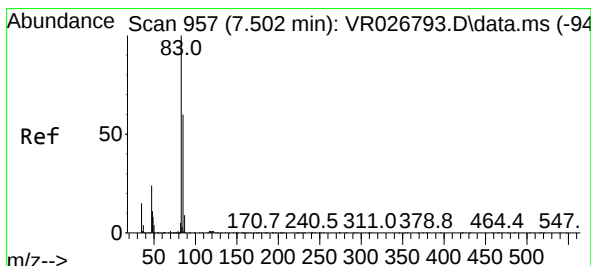
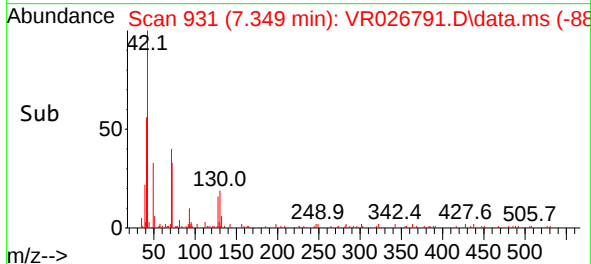
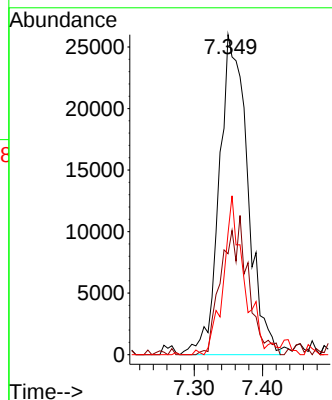
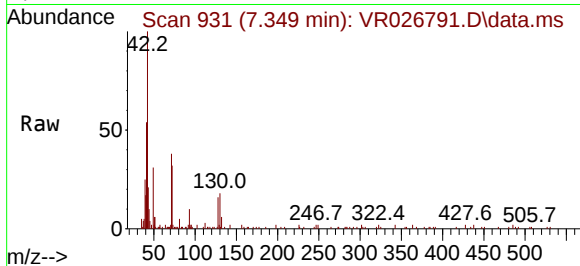




#29
Tetrahydrofuran
Concen: 42.931 ug/l
RT: 7.349 min Scan# 911
Delta R.T. 0.000 min
Lab File: VR026791.D
Acq: 4 Dec 2025 12:41

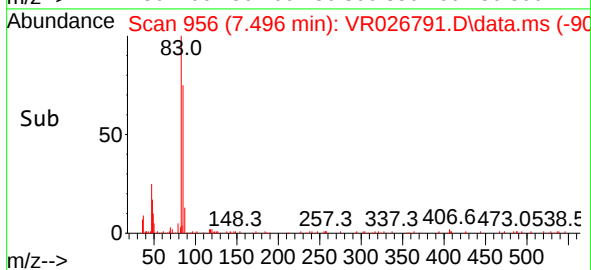
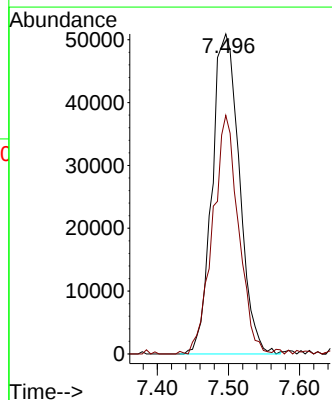
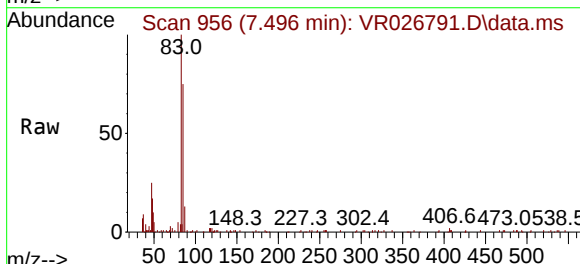
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC010

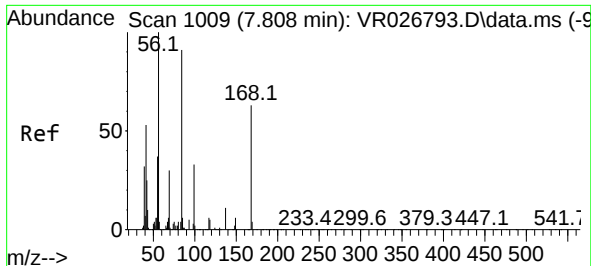
Tgt Ion: 42 Resp: 75203
Ion Ratio Lower Upper
42 100
72 40.3 35.4 53.2
71 36.0 30.8 46.2



#30
Chloroform
Concen: 9.605 ug/l
RT: 7.496 min Scan# 956
Delta R.T. -0.006 min
Lab File: VR026791.D
Acq: 4 Dec 2025 12:41

Tgt Ion: 83 Resp: 135799
Ion Ratio Lower Upper
83 100
85 73.7 48.2 72.4#

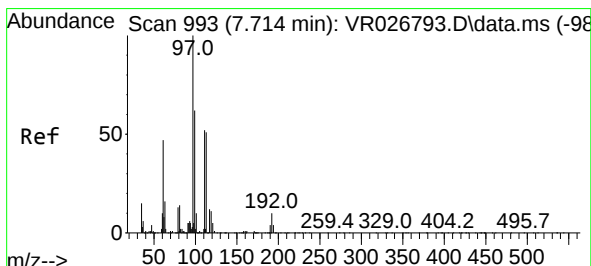
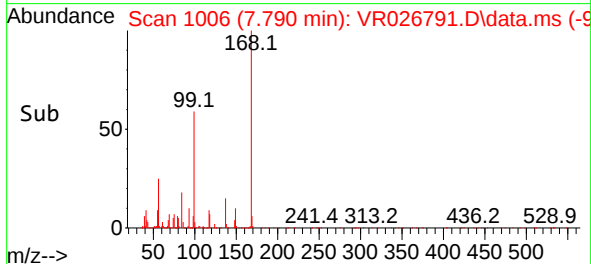
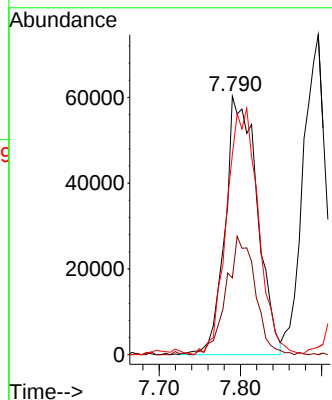
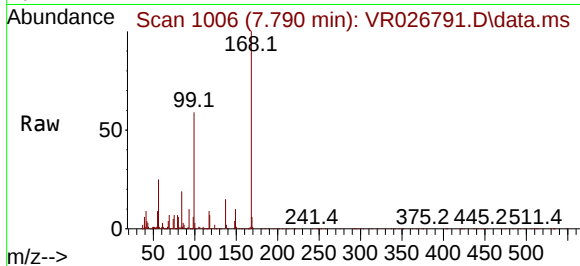




#31
Cyclohexane
Concen: 9.966 ug/l
RT: 7.790 min Scan# 1006
Delta R.T. -0.018 min
Lab File: VR026791.D
Acq: 4 Dec 2025 12:41

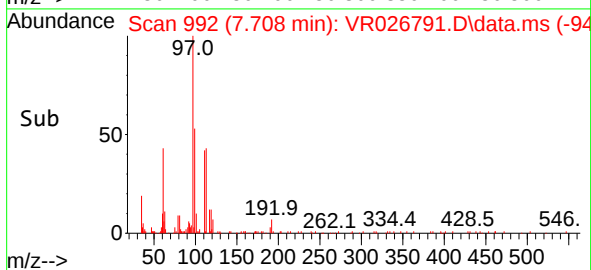
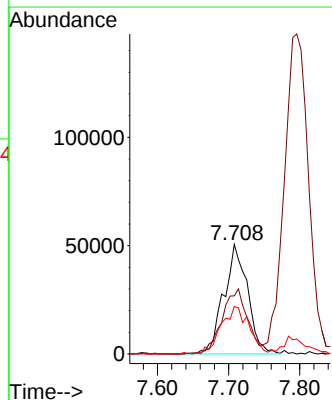
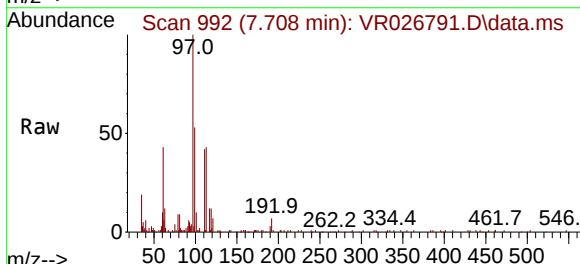
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC010

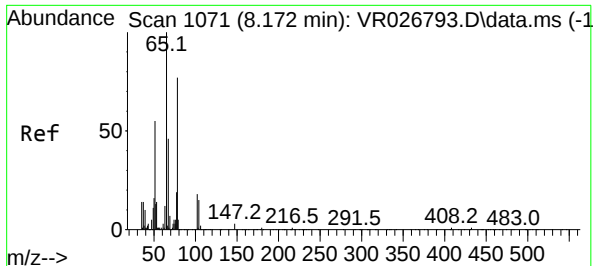
Tgt Ion: 56 Resp: 164773
Ion Ratio Lower Upper
56 100
69 29.4 23.8 35.6
84 76.0 72.3 108.5



#32
1,1,1-Trichloroethane
Concen: 9.614 ug/l
RT: 7.708 min Scan# 992
Delta R.T. -0.006 min
Lab File: VR026791.D
Acq: 4 Dec 2025 12:41

Tgt Ion: 97 Resp: 118197
Ion Ratio Lower Upper
97 100
99 62.1 50.4 75.6
61 49.5 37.9 56.9





#33

1,2-Dichloroethane-d4

Concen: 9.396 ug/l

RT: 8.178 min Scan# 1071

Delta R.T. 0.006 min

Lab File: VR026791.D

Acq: 4 Dec 2025 12:41

Instrument :

MSVOA_R

ClientSampleId :

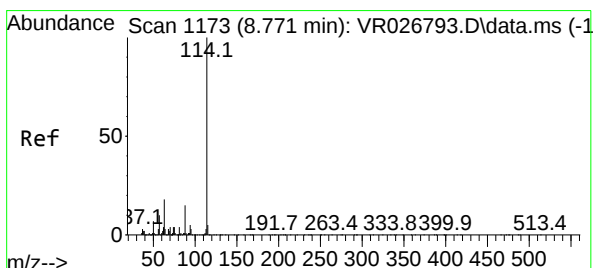
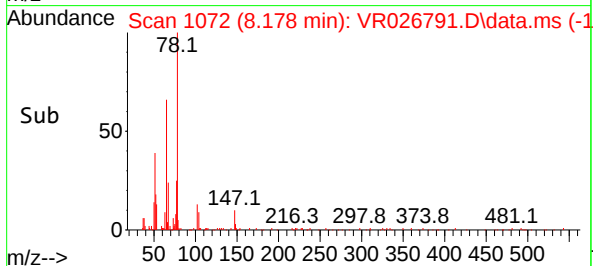
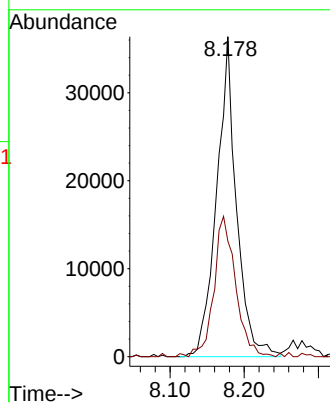
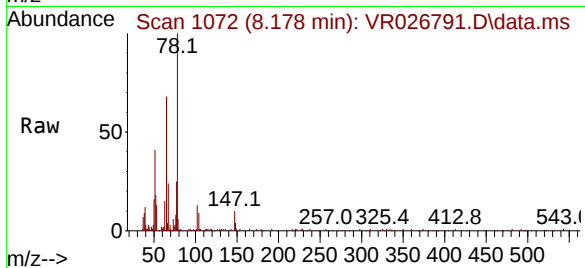
VSTDIC010

Tgt Ion: 65 Resp: 67506

Ion Ratio Lower Upper

65 100

67 48.0 0.0 103.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.771 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VR026791.D

Acq: 4 Dec 2025 12:41

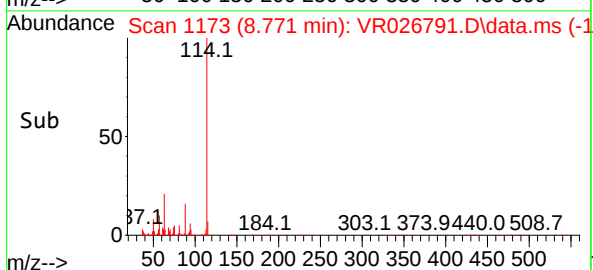
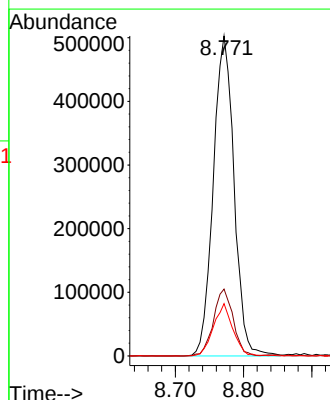
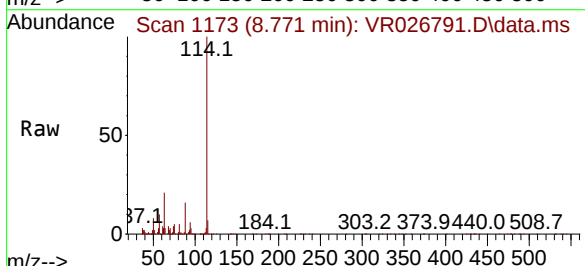
Tgt Ion: 114 Resp: 1067125

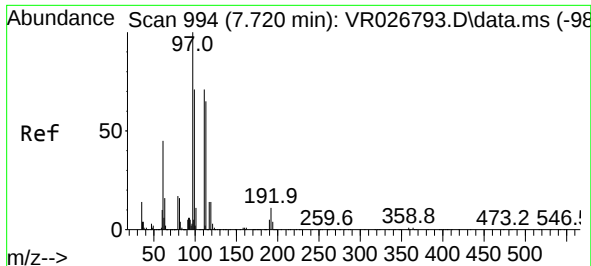
Ion Ratio Lower Upper

114 100

63 20.9 0.0 36.6

88 16.3 0.0 29.8

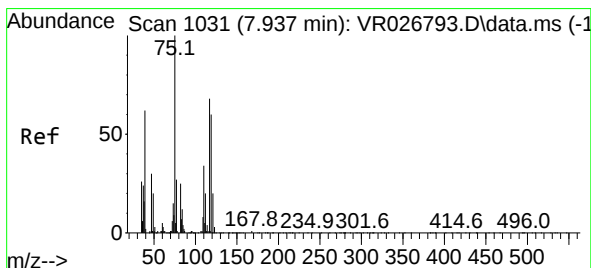
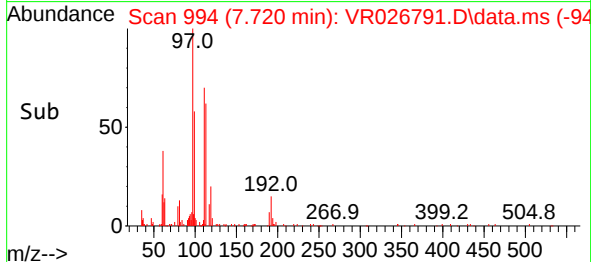
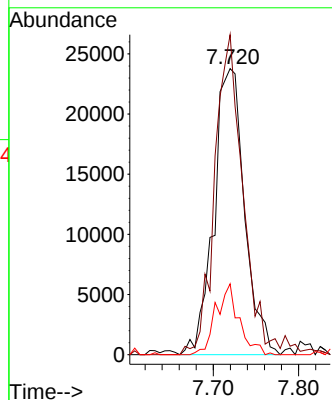
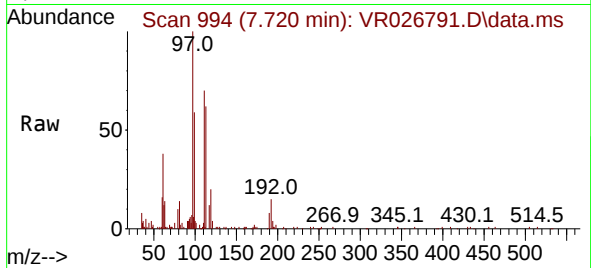




#35
Dibromofluoromethane
Concen: 9.849 ug/l
RT: 7.720 min Scan# 994
Delta R.T. -0.000 min
Lab File: VR026791.D
Acq: 4 Dec 2025 12:41

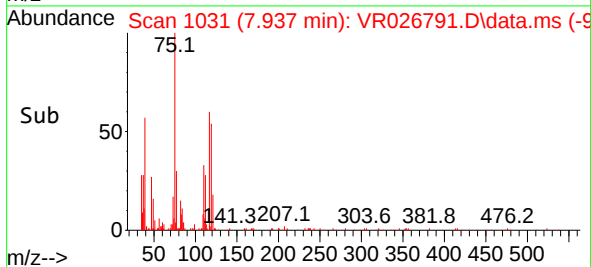
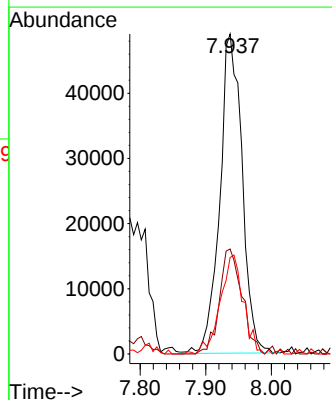
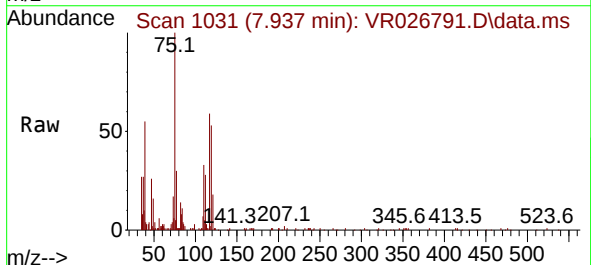
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC010

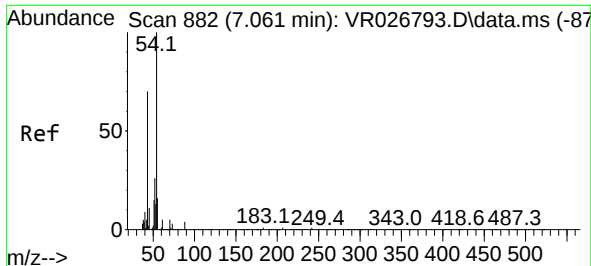
Tgt Ion:113 Resp: 59558
Ion Ratio Lower Upper
113 100
111 101.0 80.5 120.7
192 18.6 13.8 20.8



#36
1,1-Dichloropropene
Concen: 10.305 ug/l
RT: 7.937 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VR026791.D
Acq: 4 Dec 2025 12:41

Tgt Ion: 75 Resp: 115085
Ion Ratio Lower Upper
75 100
110 33.3 17.5 52.6
77 32.0 22.4 33.6

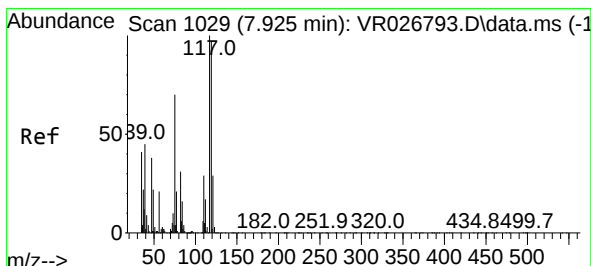
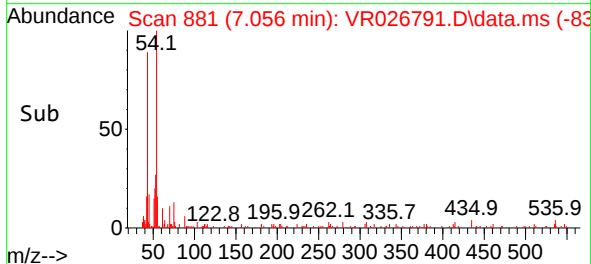
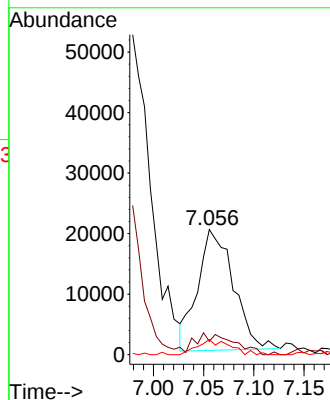
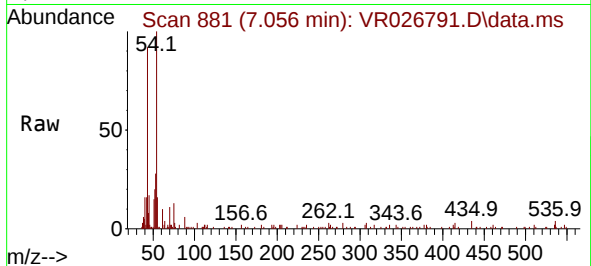




#37
Ethyl Acetate
Concen: 8.912 ug/l
RT: 7.056 min Scan# 881
Delta R.T. -0.005 min
Lab File: VR026791.D
Acq: 4 Dec 2025 12:41

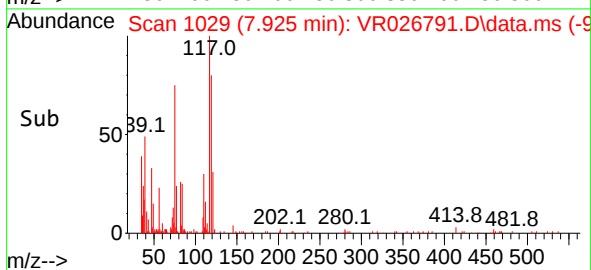
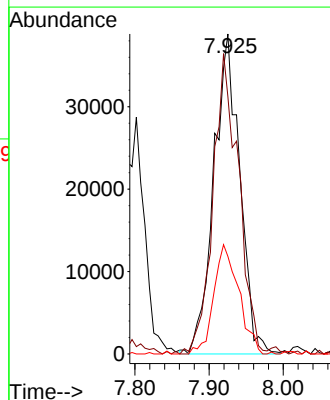
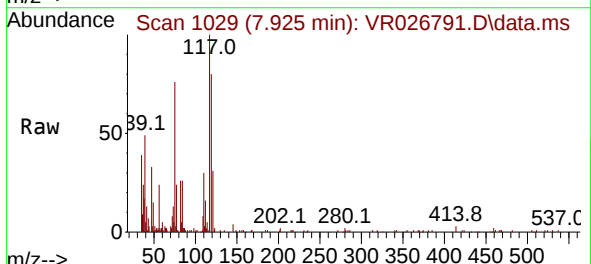
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC010

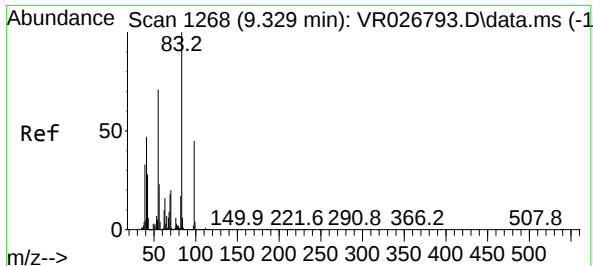
Tgt Ion: 43 Resp: 49700
Ion Ratio Lower Upper
43 100
61 0.0 12.0 18.0#
70 11.4 7.8 11.6



#38
Carbon Tetrachloride
Concen: 9.520 ug/l
RT: 7.925 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VR026791.D
Acq: 4 Dec 2025 12:41

Tgt Ion: 117 Resp: 94467
Ion Ratio Lower Upper
117 100
119 80.8 77.5 116.3
121 30.6 23.4 35.2





#39

Methylcyclohexane

Concen: 9.628 ug/l

RT: 9.324 min Scan# 11

Delta R.T. -0.005 min

Lab File: VR026791.D

Acq: 4 Dec 2025 12:41

Instrument :

MSVOA_R

ClientSampleId :

VSTDIC010

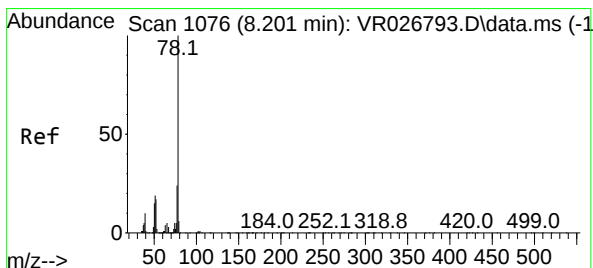
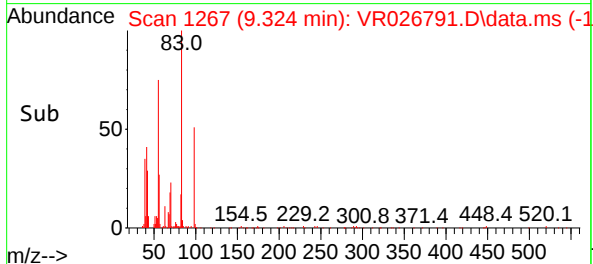
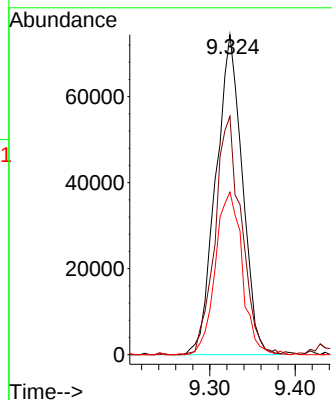
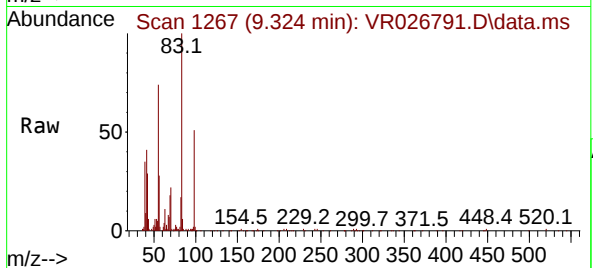
Tgt Ion: 83 Resp: 160405

Ion Ratio Lower Upper

83 100

55 74.4 56.6 85.0

98 50.5 36.0 54.0



#40

Benzene

Concen: 9.419 ug/l

RT: 8.196 min Scan# 1075

Delta R.T. -0.005 min

Lab File: VR026791.D

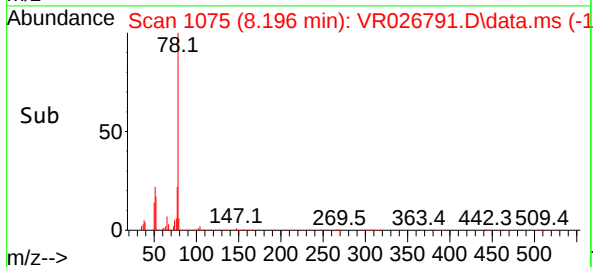
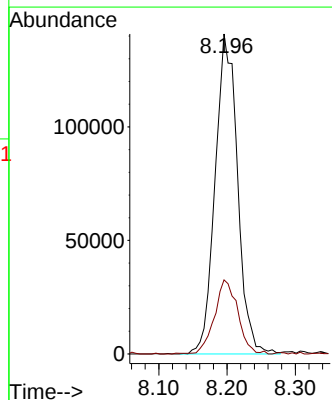
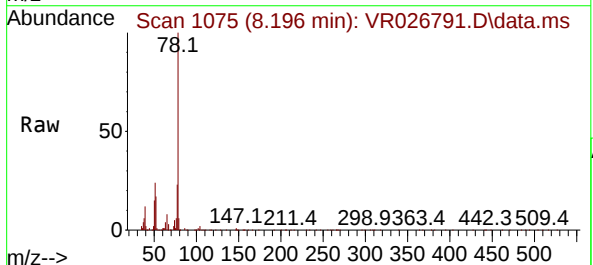
Acq: 4 Dec 2025 12:41

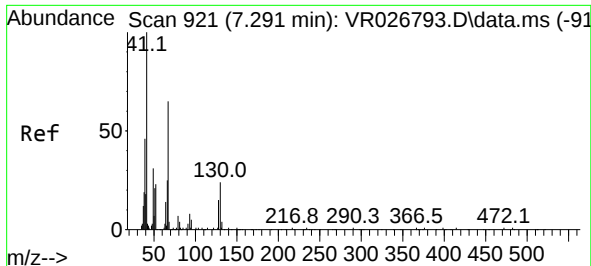
Tgt Ion: 78 Resp: 322104

Ion Ratio Lower Upper

78 100

77 22.9 19.5 29.3

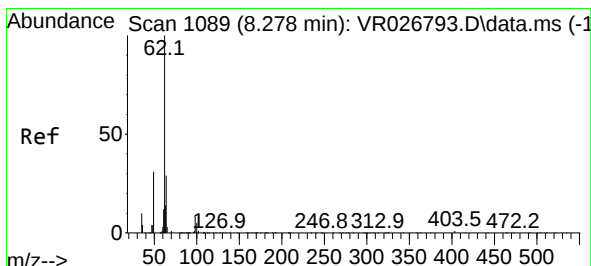
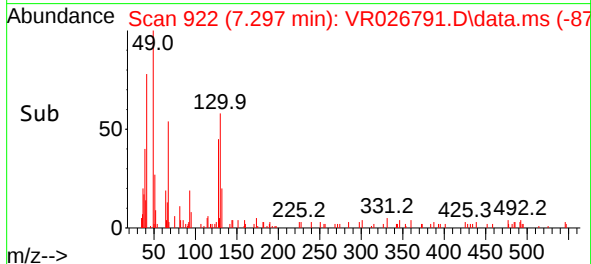
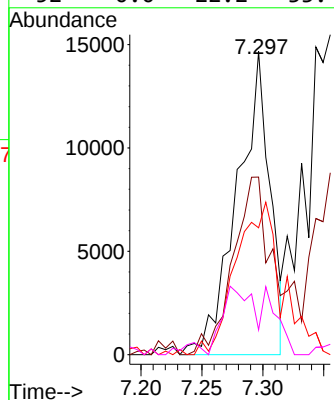
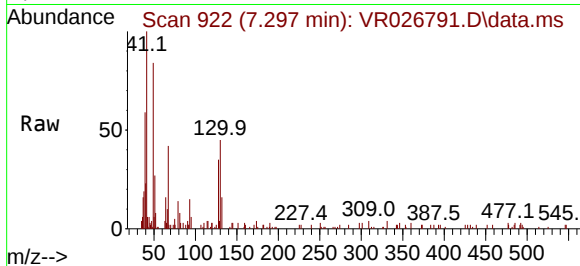




#41
Methacrylonitrile
Concen: 7.849 ug/l
RT: 7.297 min Scan# 91
Delta R.T. 0.006 min
Lab File: VR026791.D
Acq: 4 Dec 2025 12:41

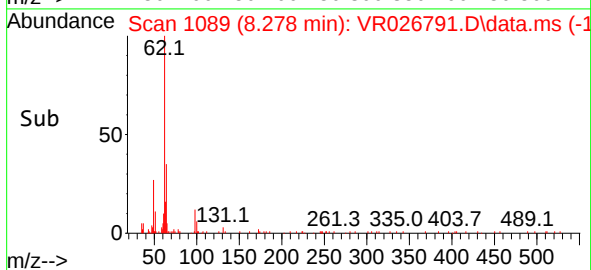
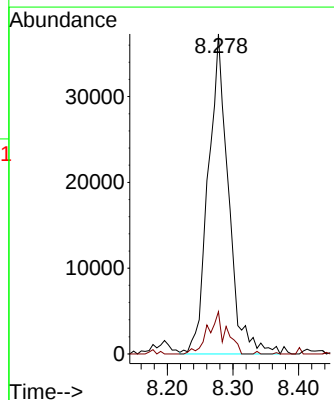
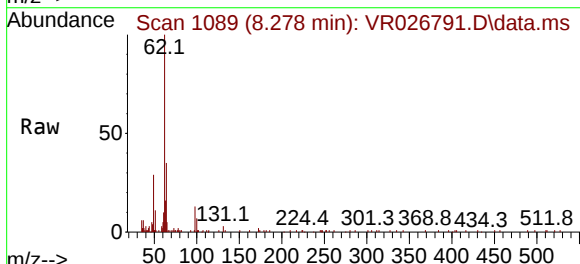
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC010

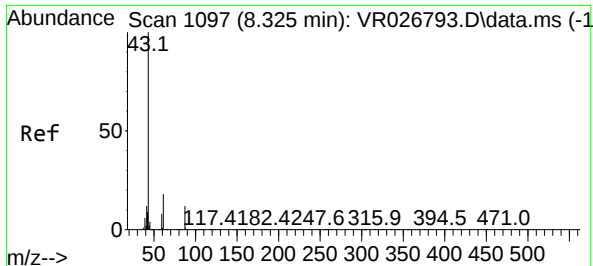
Tgt Ion: 41 Resp: 27451
Ion Ratio Lower Upper
41 100
39 69.4 40.4 60.6#
67 70.3 55.5 83.3
52 0.0 22.2 33.4#



#42
1,2-Dichloroethane
Concen: 9.461 ug/l
RT: 8.278 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VR026791.D
Acq: 4 Dec 2025 12:41

Tgt Ion: 62 Resp: 80092
Ion Ratio Lower Upper
62 100
98 11.9 0.0 19.2

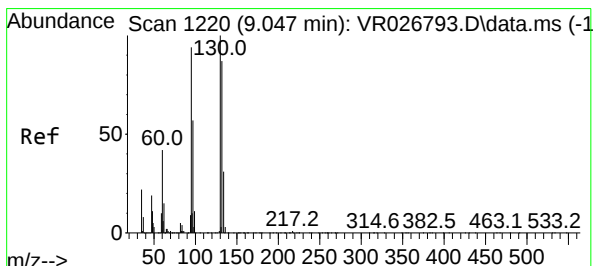
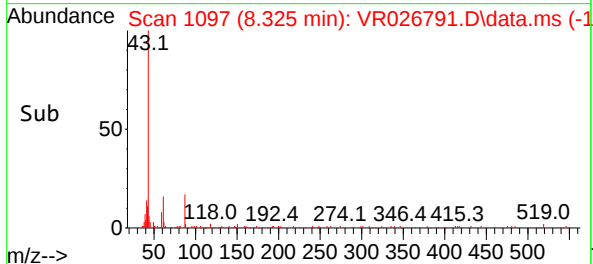
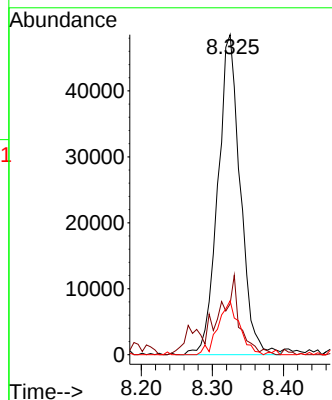
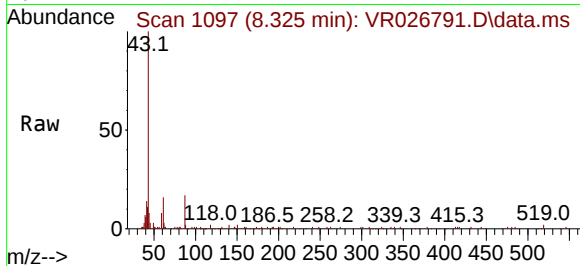




#43
Isopropyl Acetate
Concen: 9.041 ug/l
RT: 8.325 min Scan# 110
Delta R.T. -0.000 min
Lab File: VR026791.D
Acq: 4 Dec 2025 12:41

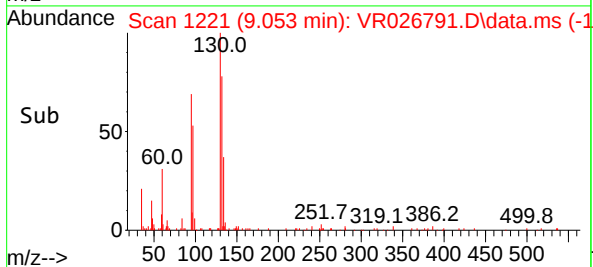
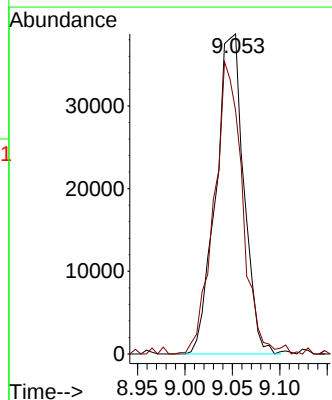
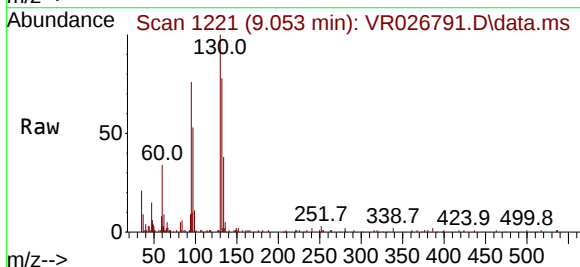
Instrument :
MSVOA_R
ClientSampleId :
VSTDICC010

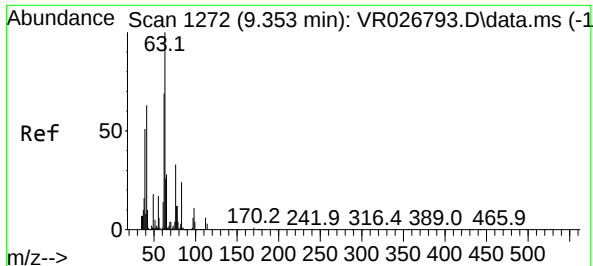
Tgt Ion: 43 Resp: 106058
Ion Ratio Lower Upper
43 100
61 21.5 17.0 25.6
87 16.0 10.5 15.7#



#44
Trichloroethene
Concen: 9.791 ug/l
RT: 9.053 min Scan# 1221
Delta R.T. 0.006 min
Lab File: VR026791.D
Acq: 4 Dec 2025 12:41

Tgt Ion:130 Resp: 79602
Ion Ratio Lower Upper
130 100
95 75.7 0.0 188.0





#45

1,2-Dichloropropane

Concen: 9.666 ug/l

RT: 9.347 min Scan# 11

Delta R.T. -0.006 min

Lab File: VR026791.D

Acq: 4 Dec 2025 12:41

Instrument :

MSVOA_R

ClientSampleId :

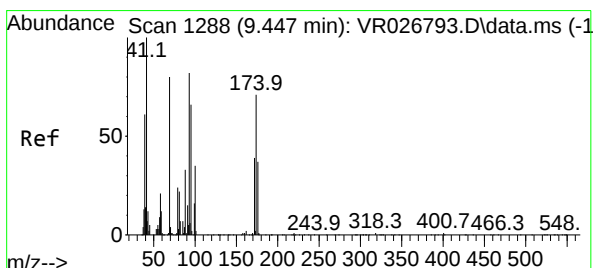
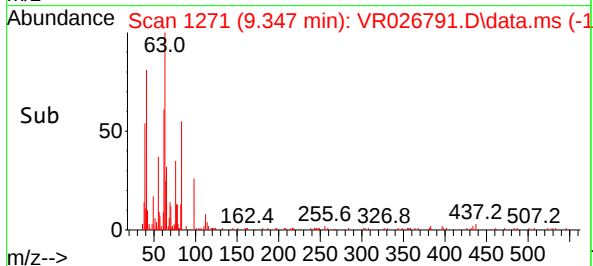
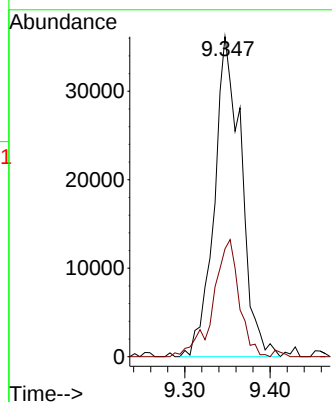
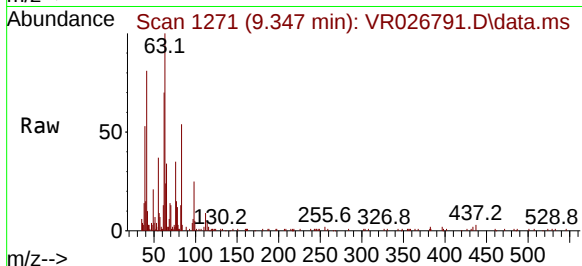
VSTDIC010

Tgt Ion: 63 Resp: 79527

Ion Ratio Lower Upper

63 100

65 32.9 22.7 34.1



#46

Dibromomethane

Concen: 9.240 ug/l

RT: 9.459 min Scan# 1290

Delta R.T. 0.012 min

Lab File: VR026791.D

Acq: 4 Dec 2025 12:41

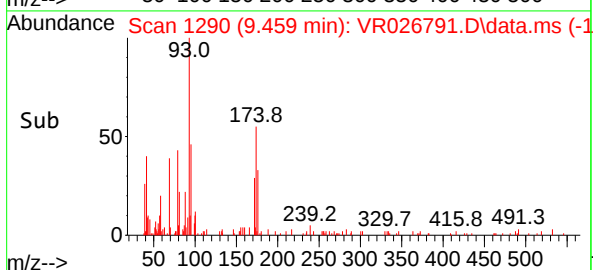
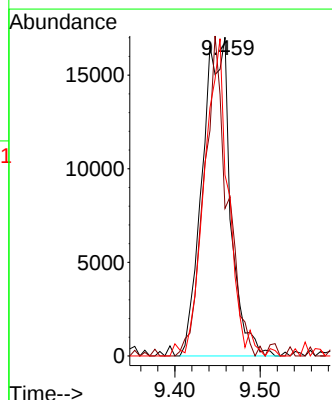
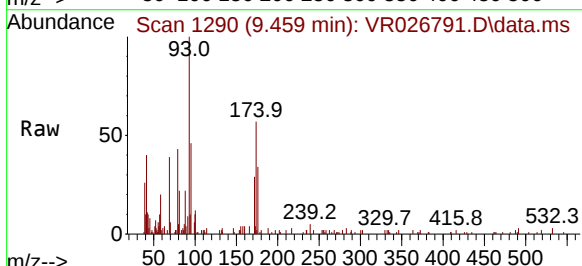
Tgt Ion: 93 Resp: 38939

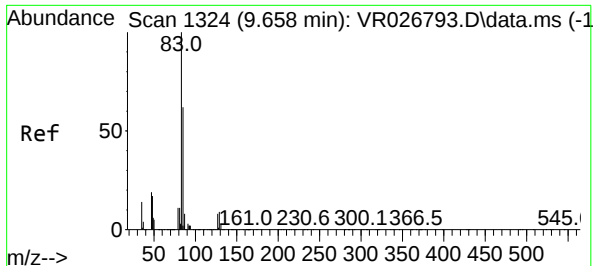
Ion Ratio Lower Upper

93 100

95 83.9 63.4 95.2

174 85.8 67.1 100.7

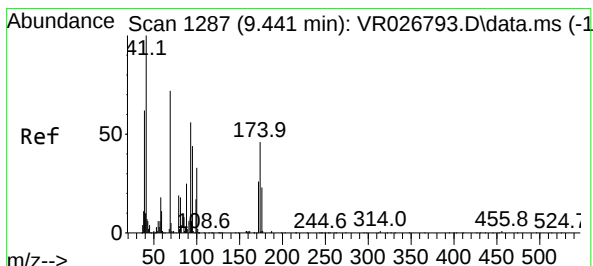
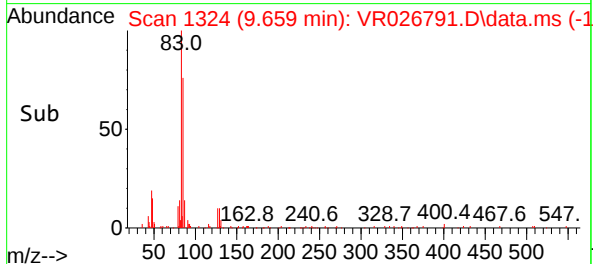
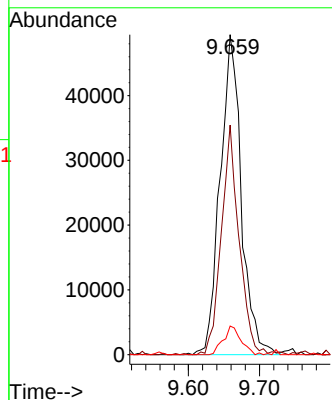
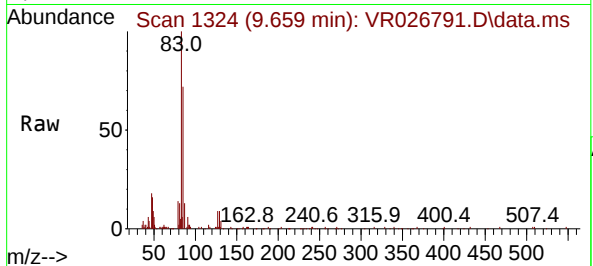




#47
Bromodichloromethane
Concen: 9.701 ug/l
RT: 9.659 min Scan# 11
Delta R.T. 0.001 min
Lab File: VR026791.D
Acq: 4 Dec 2025 12:41

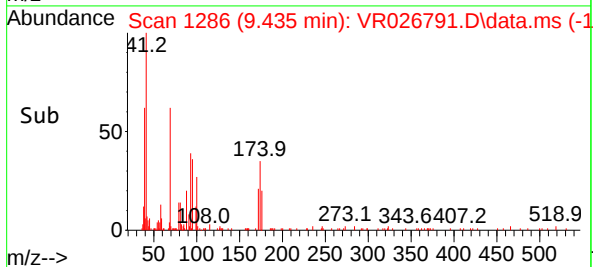
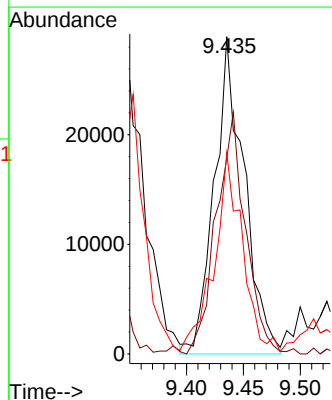
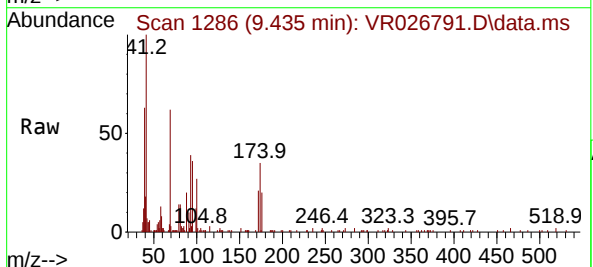
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC010

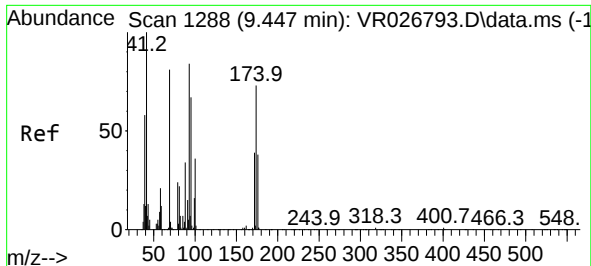
Tgt Ion: 83 Resp: 101977
Ion Ratio Lower Upper
83 100
85 71.8 49.8 74.8
127 9.0 6.5 9.7



#48
Methyl methacrylate
Concen: 9.161 ug/l
RT: 9.435 min Scan# 1286
Delta R.T. -0.006 min
Lab File: VR026791.D
Acq: 4 Dec 2025 12:41

Tgt Ion: 41 Resp: 52888
Ion Ratio Lower Upper
41 100
69 75.1 60.6 90.8
39 60.9 48.2 72.2





#49

1,4-Dioxane

Concen: 78.379 ug/l

RT: 9.435 min Scan# 11

Delta R.T. -0.012 min

Lab File: VR026791.D

Acq: 4 Dec 2025 12:41

Instrument :

MSVOA_R

ClientSampleId :

VSTDICC010

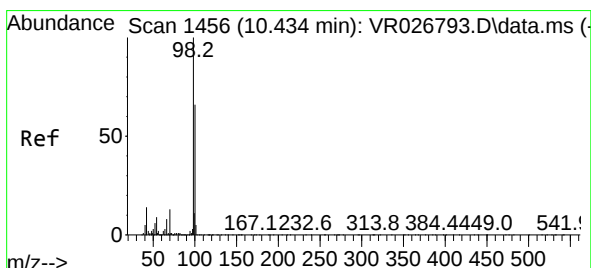
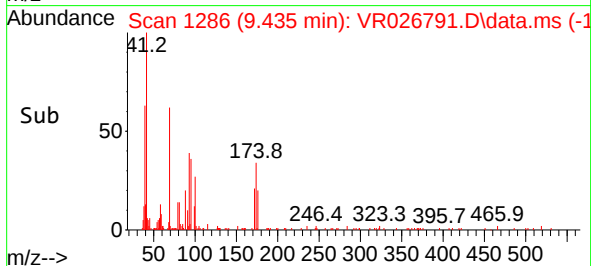
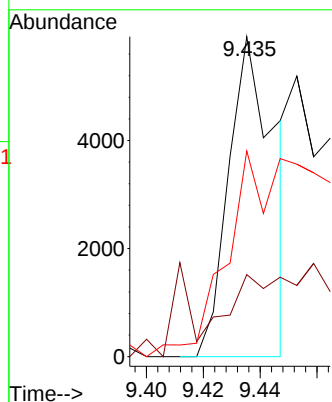
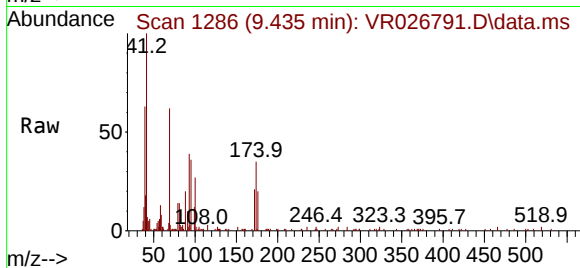
Tgt Ion: 88 Resp: 6659

Ion Ratio Lower Upper

88 100

43 0.0 14.1 21.1#

58 138.3 52.6 78.8#



#50

Toluene-d8

Concen: 10.655 ug/l

RT: 10.428 min Scan# 1455

Delta R.T. -0.006 min

Lab File: VR026791.D

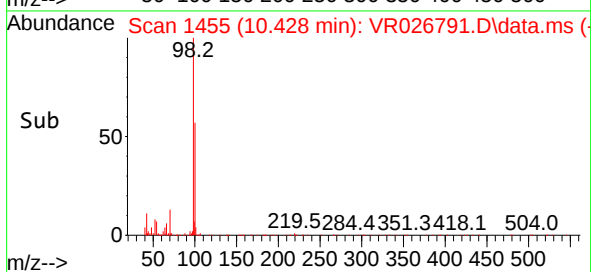
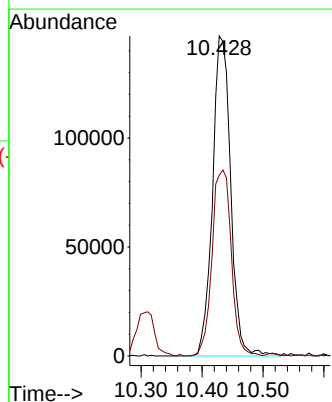
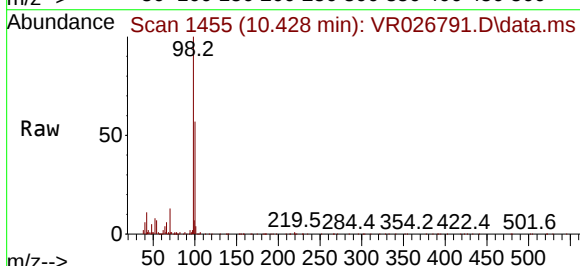
Acq: 4 Dec 2025 12:41

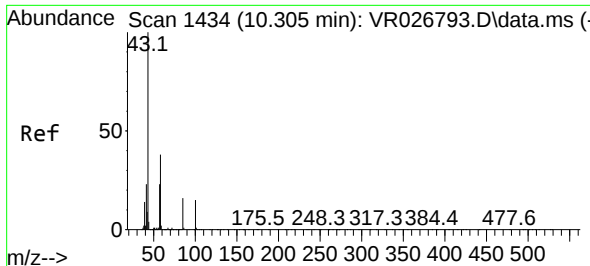
Tgt Ion: 98 Resp: 303447

Ion Ratio Lower Upper

98 100

100 61.8 53.8 80.6

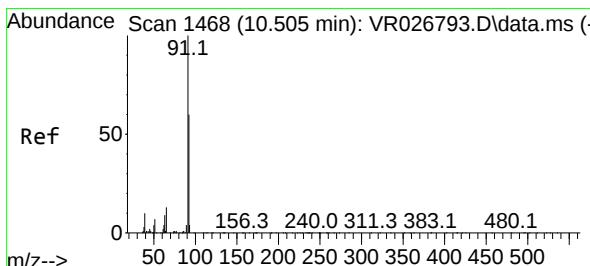
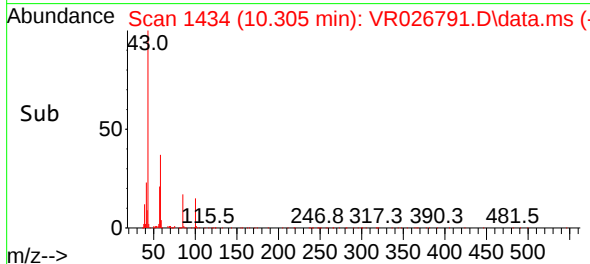
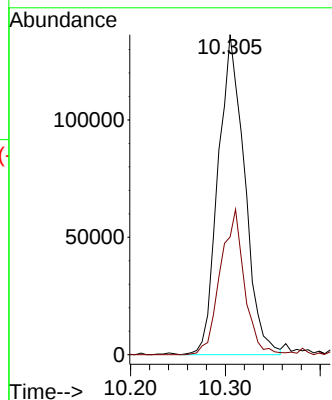
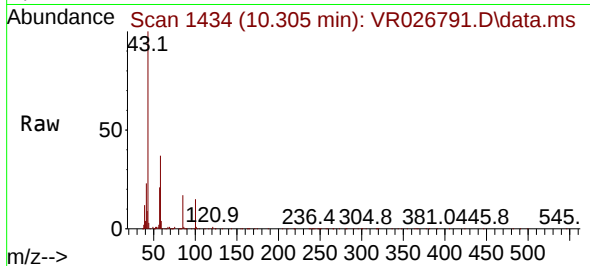




#51
4-Methyl-2-Pentanone
Concen: 42.442 ug/l
RT: 10.305 min Scan# 1434
Delta R.T. -0.000 min
Lab File: VR026791.D
Acq: 4 Dec 2025 12:41

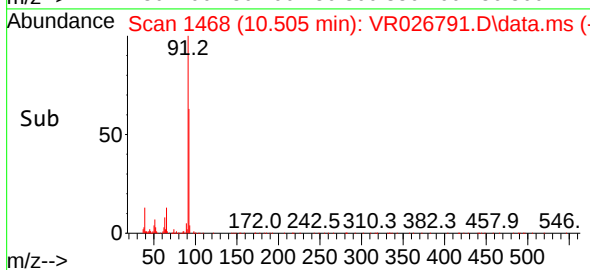
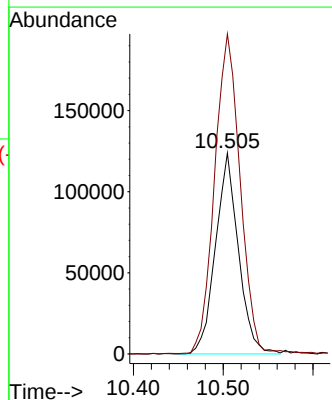
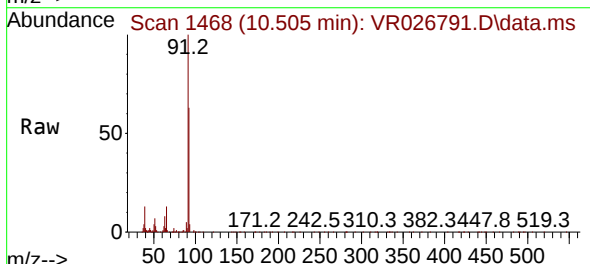
Instrument : MSVOA_R
ClientSampleId : VSTDIC010

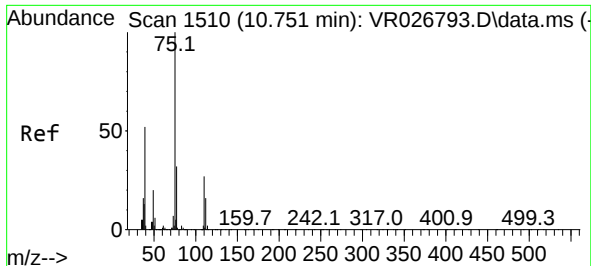
Tgt Ion: 43 Resp: 264487
Ion Ratio Lower Upper
43 100
58 41.3 31.1 46.7



#52
Toluene
Concen: 9.586 ug/l
RT: 10.505 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VR026791.D
Acq: 4 Dec 2025 12:41

Tgt Ion: 92 Resp: 219620
Ion Ratio Lower Upper
92 100
91 177.5 139.7 209.5

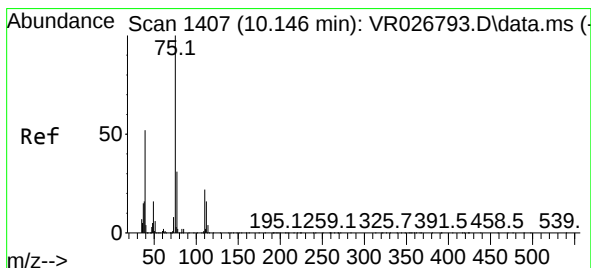
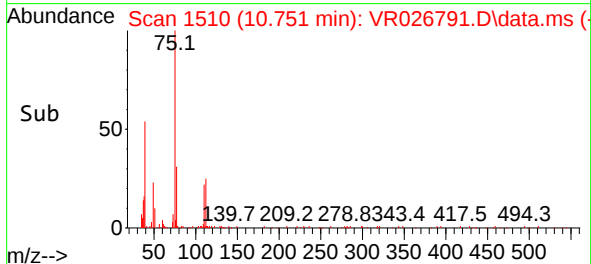
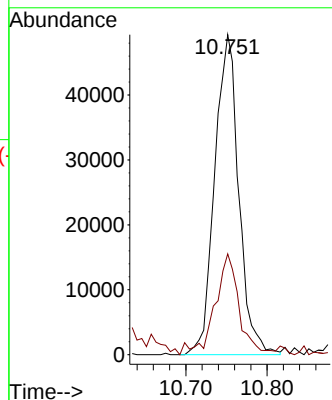
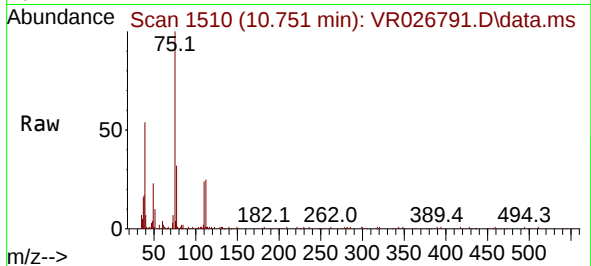




#53
 t-1,3-Dichloropropene
 Concen: 9.382 ug/l
 RT: 10.751 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VR026791.D
 Acq: 4 Dec 2025 12:41

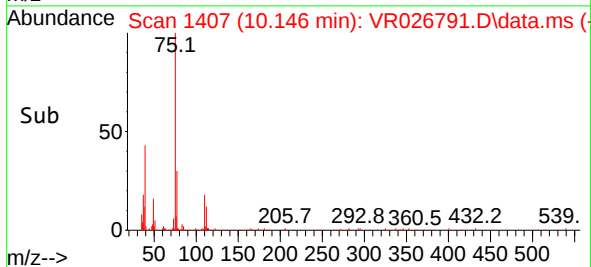
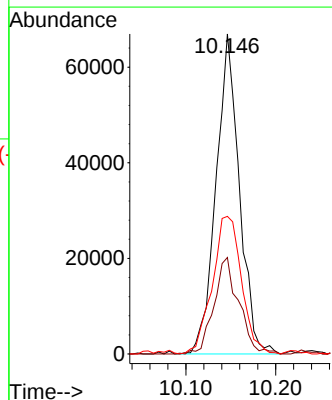
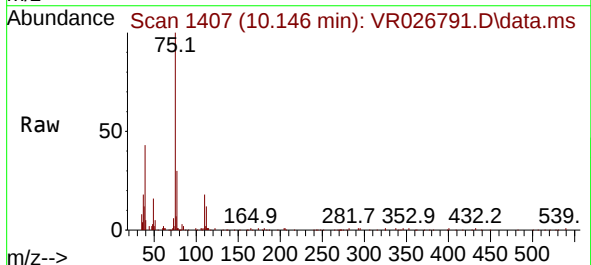
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDIC010

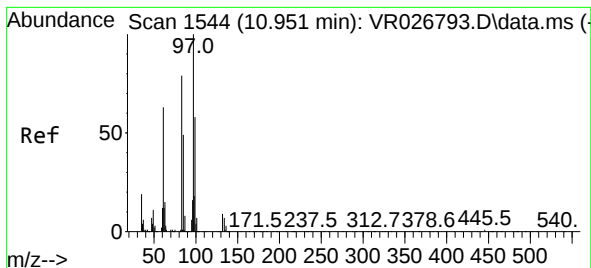
Tgt Ion: 75 Resp: 101411
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.6 38.4



#54
 cis-1,3-Dichloropropene
 Concen: 9.337 ug/l
 RT: 10.146 min Scan# 1407
 Delta R.T. 0.000 min
 Lab File: VR026791.D
 Acq: 4 Dec 2025 12:41

Tgt Ion: 75 Resp: 120659
 Ion Ratio Lower Upper
 75 100
 77 30.1 24.6 37.0
 39 43.0 41.8 62.6

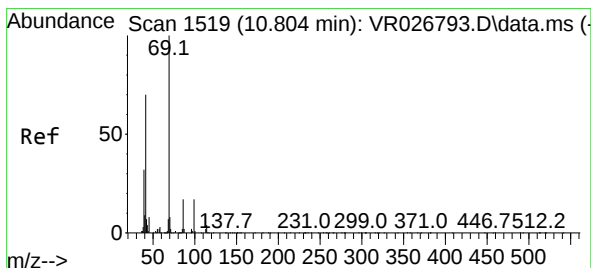
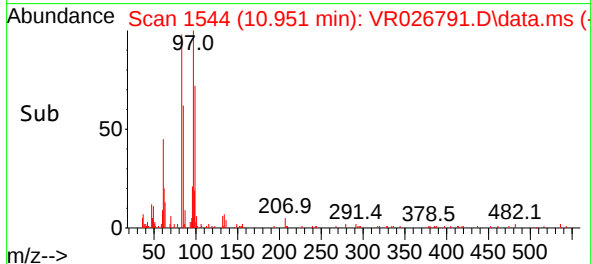
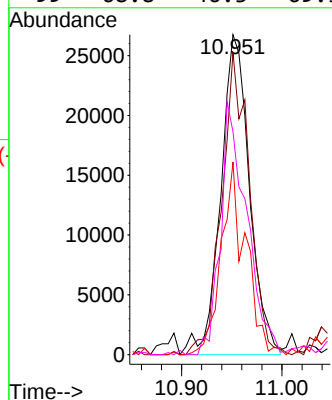
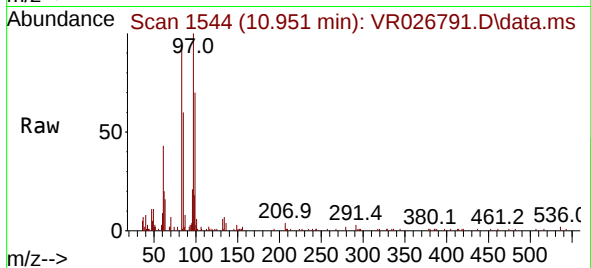




#55
1,1,2-Trichloroethane
Concen: 8.780 ug/l
RT: 10.951 min Scan# 1544
Delta R.T. 0.000 min
Lab File: VR026791.D
Acq: 4 Dec 2025 12:41

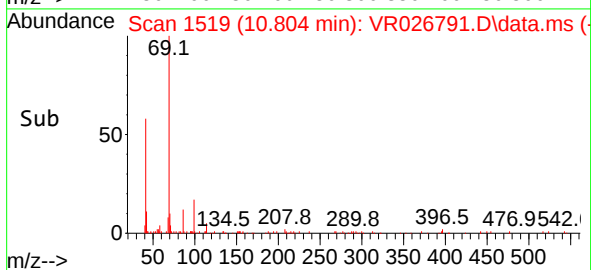
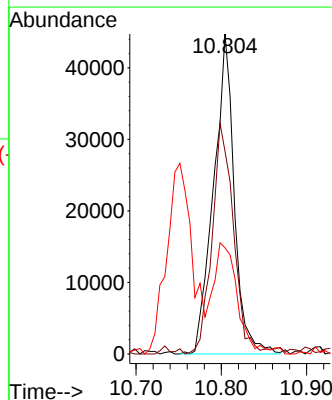
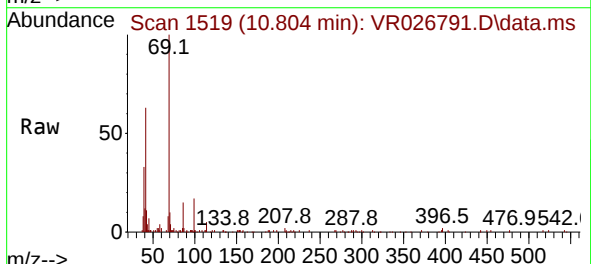
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC010

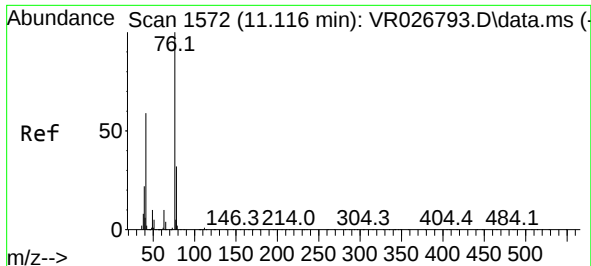
Tgt Ion:	97	Resp:	53219
Ion	Ratio	Lower	Upper
97	100		
83	94.5	63.4	95.2
85	60.2	39.2	58.8#
99	68.8	46.3	69.5



#56
Ethyl methacrylate
Concen: 8.408 ug/l
RT: 10.804 min Scan# 1519
Delta R.T. 0.000 min
Lab File: VR026791.D
Acq: 4 Dec 2025 12:41

Tgt Ion:	69	Resp:	75414
Ion	Ratio	Lower	Upper
69	100		
41	74.8	55.3	82.9
39	37.8	33.7	50.5





#57

1,3-Dichloropropane

Concen: 9.114 ug/l

RT: 11.116 min Scan# 11

Delta R.T. -0.000 min

Lab File: VR026791.D

Acq: 4 Dec 2025 12:41

Instrument :

MSVOA_R

ClientSampleId :

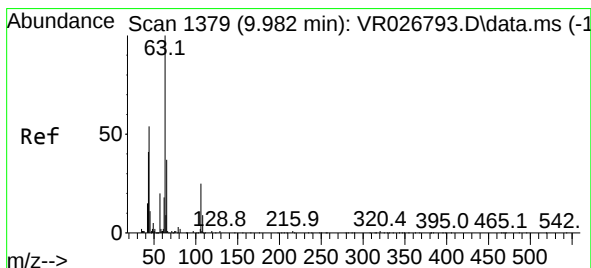
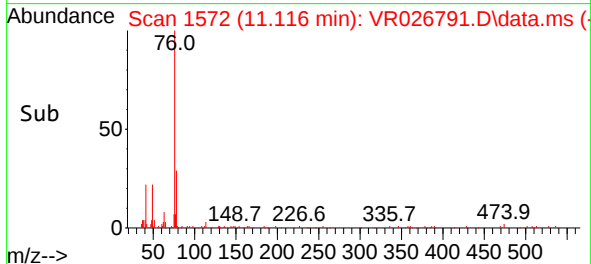
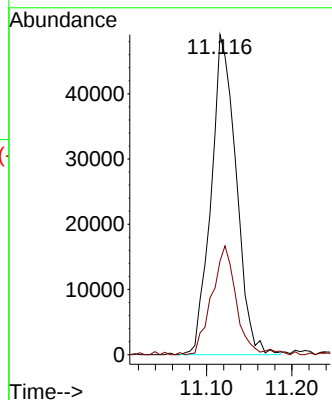
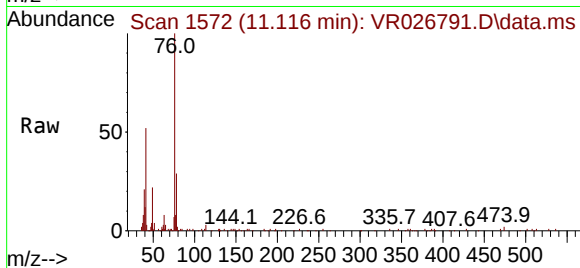
VSTDIC010

Tgt Ion: 76 Resp: 100227

Ion Ratio Lower Upper

76 100

78 32.4 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 34.144 ug/l

RT: 9.988 min Scan# 1380

Delta R.T. 0.006 min

Lab File: VR026791.D

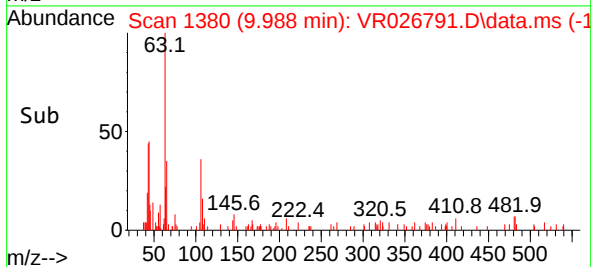
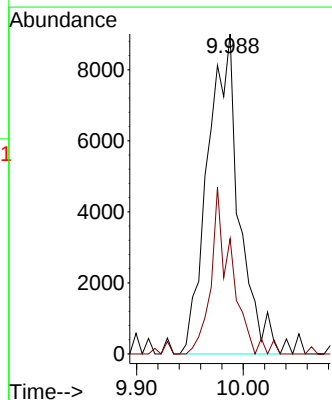
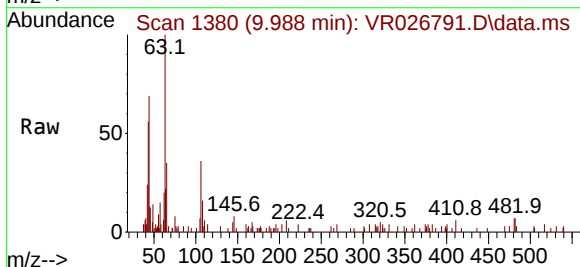
Acq: 4 Dec 2025 12:41

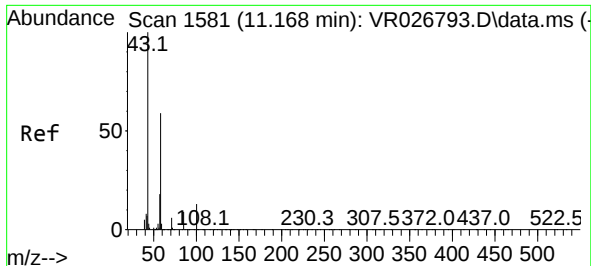
Tgt Ion: 63 Resp: 18449

Ion Ratio Lower Upper

63 100

106 32.3 23.7 35.5

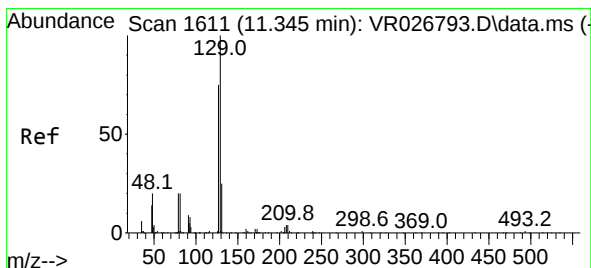
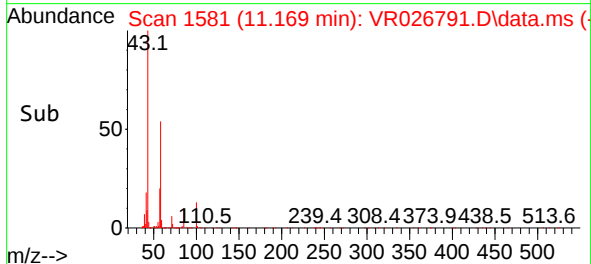
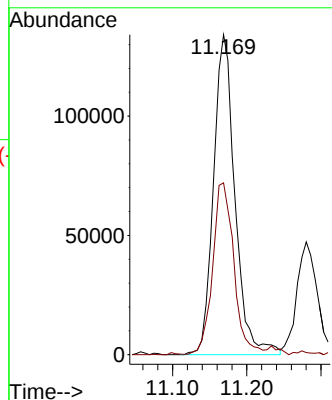
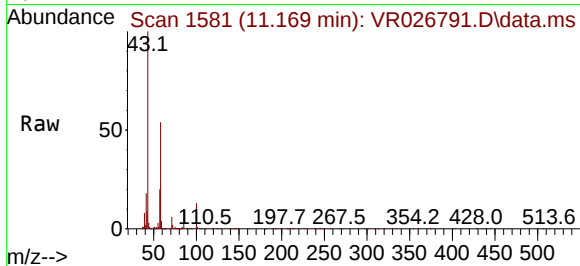




#59
2-Hexanone
Concen: 48.606 ug/l
RT: 11.169 min Scan# 1581
Delta R.T. 0.001 min
Lab File: VR026791.D
Acq: 4 Dec 2025 12:41

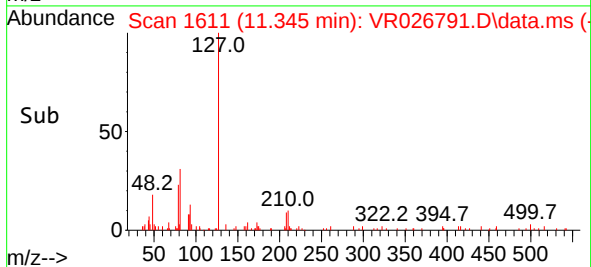
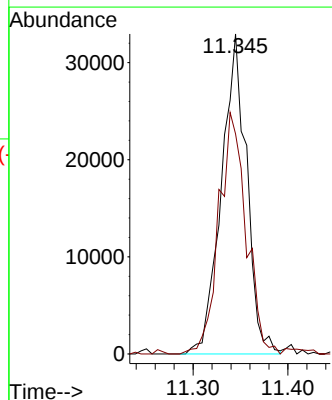
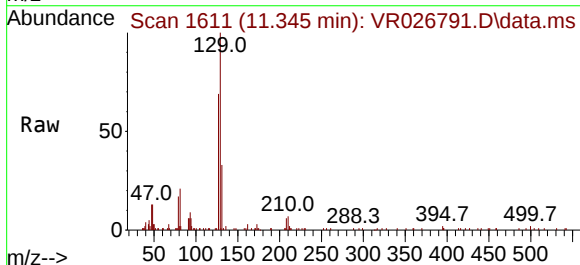
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC010

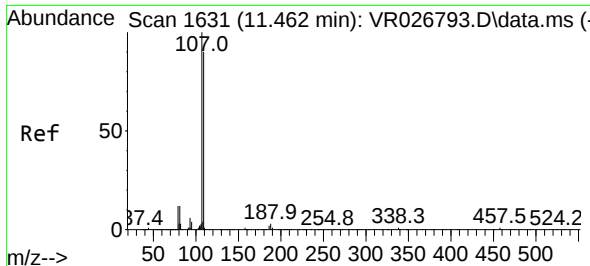
Tgt Ion: 43 Resp: 268655
Ion Ratio Lower Upper
43 100
58 52.9 27.1 81.2



#60
Dibromochloromethane
Concen: 9.306 ug/l
RT: 11.345 min Scan# 1611
Delta R.T. -0.000 min
Lab File: VR026791.D
Acq: 4 Dec 2025 12:41

Tgt Ion: 129 Resp: 60986
Ion Ratio Lower Upper
129 100
127 81.4 40.6 121.8

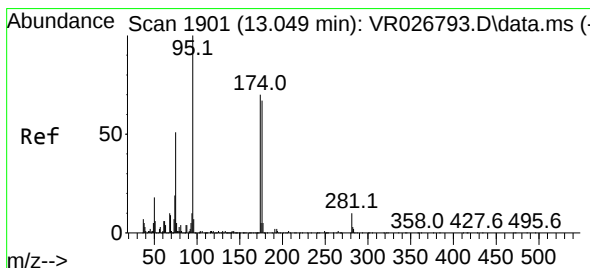
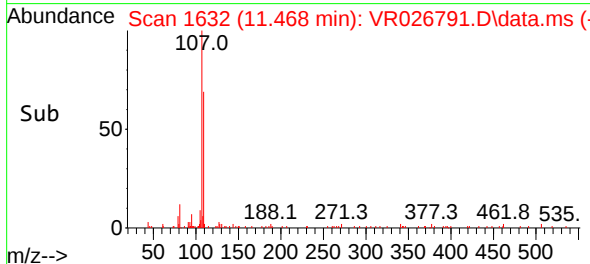
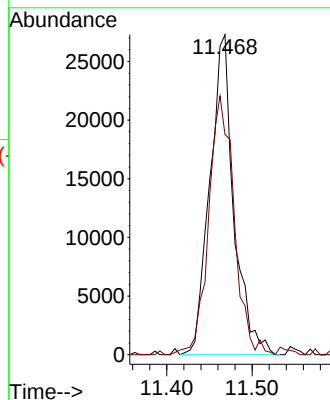
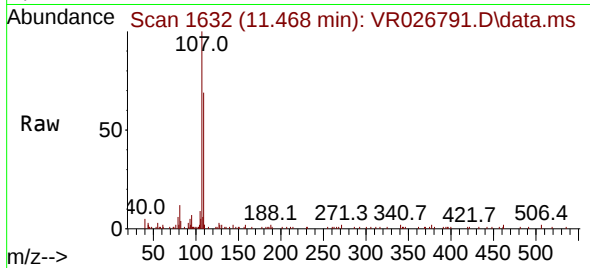




#61
1,2-Dibromoethane
Concen: 9.312 ug/l
RT: 11.468 min Scan# 1
Delta R.T. 0.006 min
Lab File: VR026791.D
Acq: 4 Dec 2025 12:41

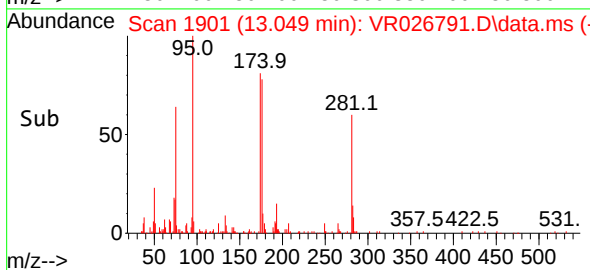
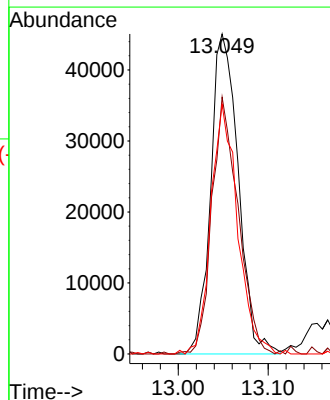
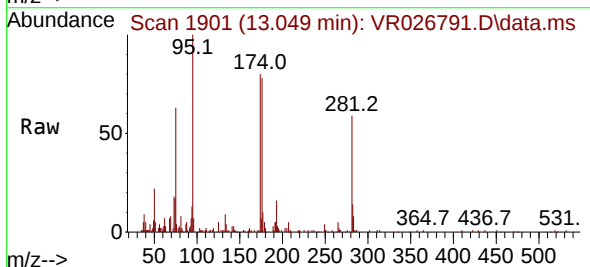
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC010

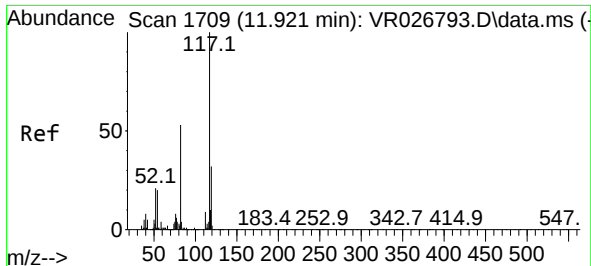
Tgt Ion:107 Resp: 53151
Ion Ratio Lower Upper
107 100
109 86.0 76.7 115.1



#62
4-Bromofluorobenzene
Concen: 8.777 ug/l
RT: 13.049 min Scan# 1901
Delta R.T. -0.000 min
Lab File: VR026791.D
Acq: 4 Dec 2025 12:41

Tgt Ion: 95 Resp: 96064
Ion Ratio Lower Upper
95 100
174 76.8 0.0 145.6
176 75.8 0.0 140.6

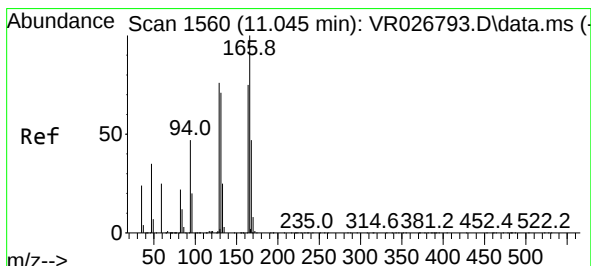
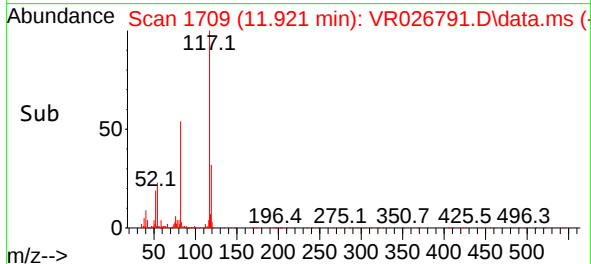
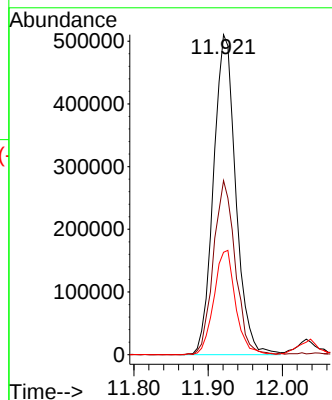
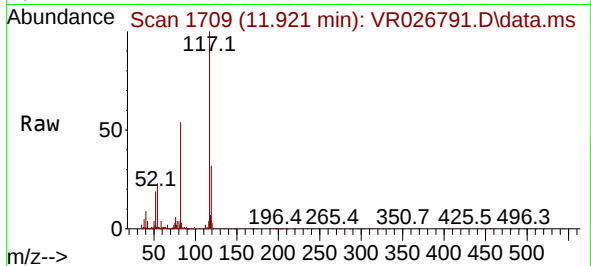




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.921 min Scan# 117
Delta R.T. -0.000 min
Lab File: VR026791.D
Acq: 4 Dec 2025 12:41

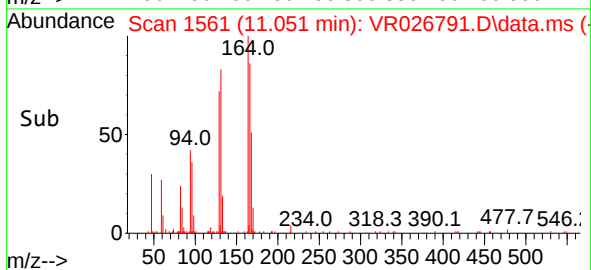
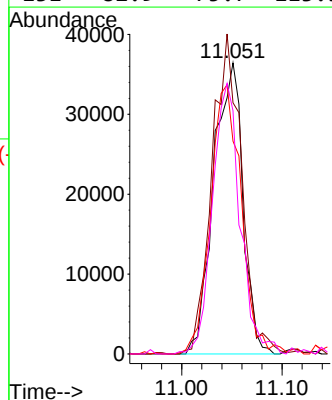
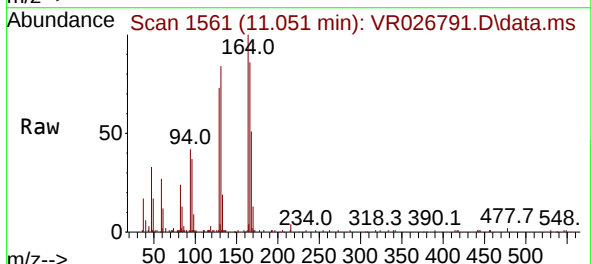
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC010

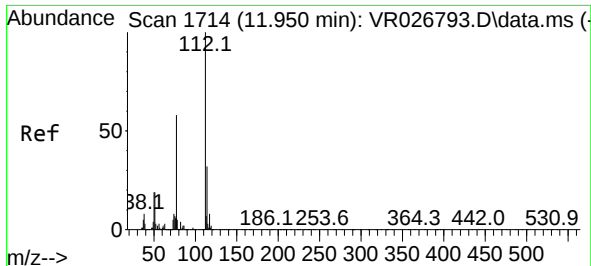
Tgt Ion:117 Resp: 1064288
Ion Ratio Lower Upper
117 100
82 54.4 42.3 63.5
119 32.0 25.8 38.6



#64
Tetrachloroethene
Concen: 9.992 ug/l
RT: 11.051 min Scan# 1561
Delta R.T. 0.006 min
Lab File: VR026791.D
Acq: 4 Dec 2025 12:41

Tgt Ion:164 Resp: 73636
Ion Ratio Lower Upper
164 100
166 86.3 106.5 159.7#
129 72.6 81.1 121.7#
131 82.9 75.7 113.5

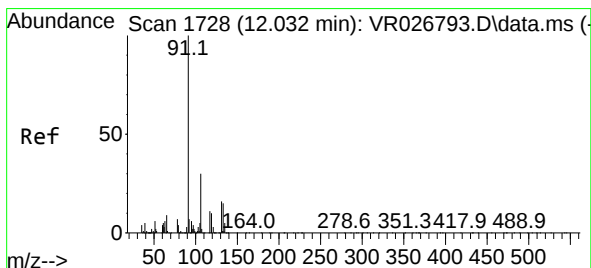
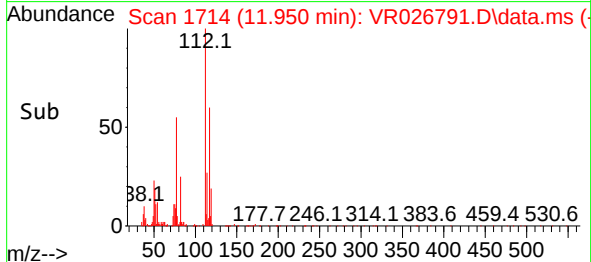
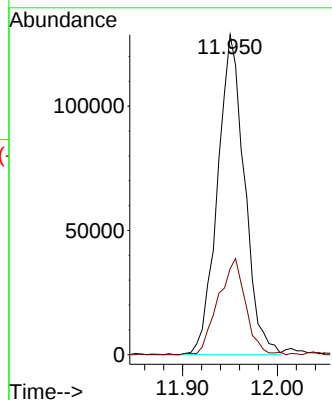
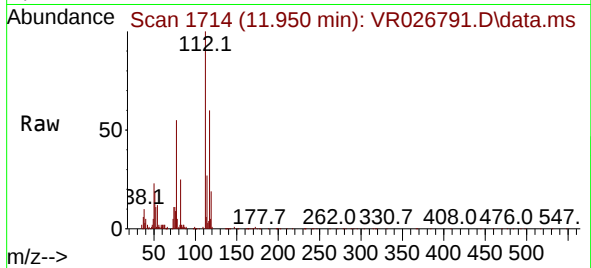




#65
Chlorobenzene
Concen: 9.781 ug/l
RT: 11.950 min Scan# 1714
Delta R.T. 0.000 min
Lab File: VR026791.D
Acq: 4 Dec 2025 12:41

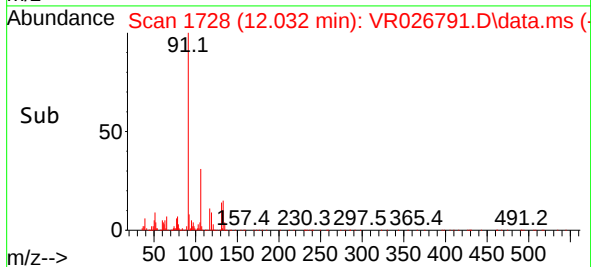
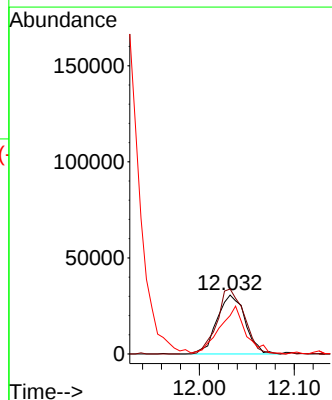
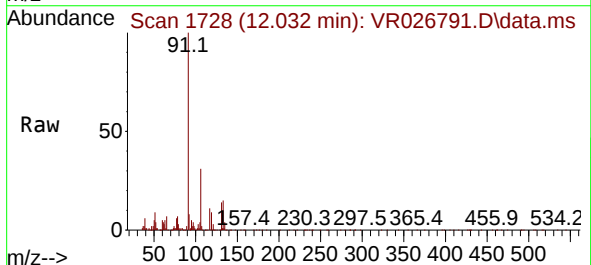
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC010

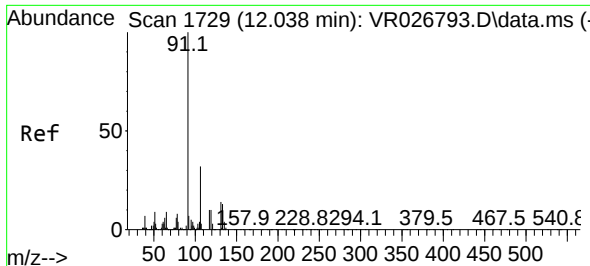
Tgt Ion:112 Resp: 254722
Ion Ratio Lower Upper
112 100
114 26.9 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 8.977 ug/l
RT: 12.032 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VR026791.D
Acq: 4 Dec 2025 12:41

Tgt Ion:131 Resp: 63835
Ion Ratio Lower Upper
131 100
133 105.6 47.0 141.2
119 74.8 34.9 104.7





#67

Ethyl Benzene

Concen: 9.609 ug/l

RT: 12.038 min Scan# 1729

Delta R.T. 0.000 min

Lab File: VR026791.D

Acq: 4 Dec 2025 12:41

Instrument :

MSVOA_R

ClientSampleId :

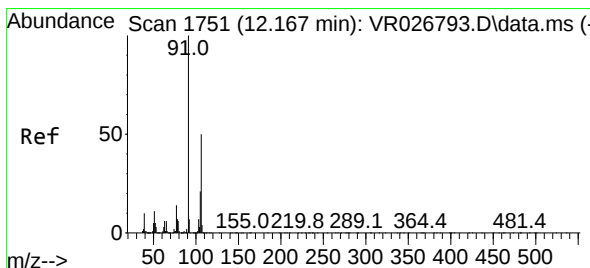
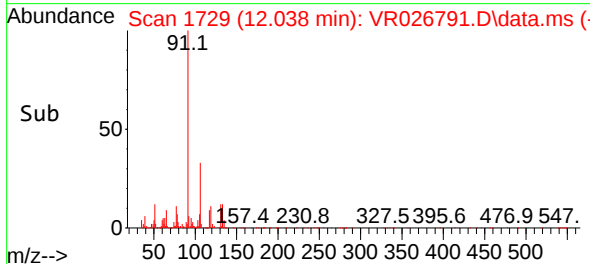
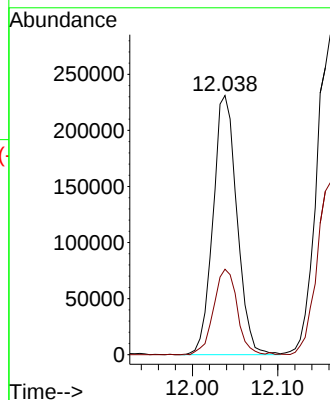
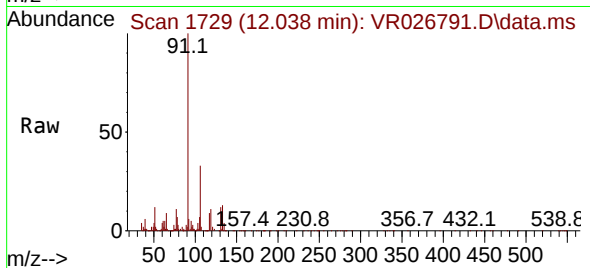
VSTDIC010

Tgt Ion: 91 Resp: 450069

Ion Ratio Lower Upper

91 100

106 32.9 25.2 37.8



#68

m/p-Xylenes

Concen: 19.415 ug/l

RT: 12.162 min Scan# 1750

Delta R.T. -0.005 min

Lab File: VR026791.D

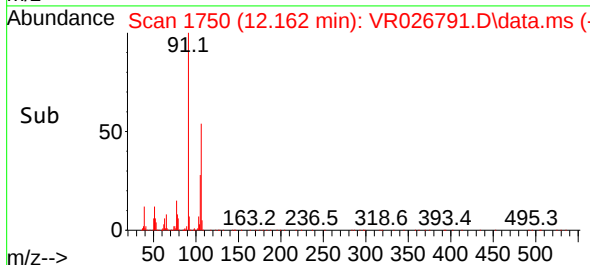
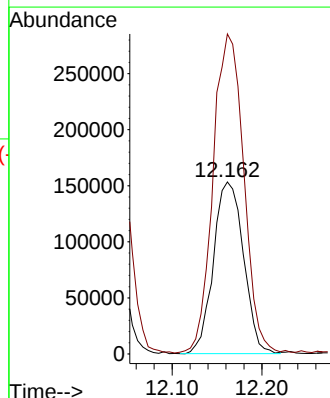
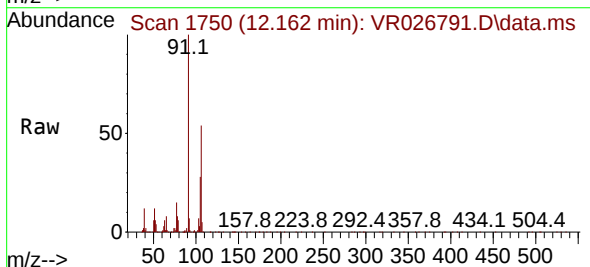
Acq: 4 Dec 2025 12:41

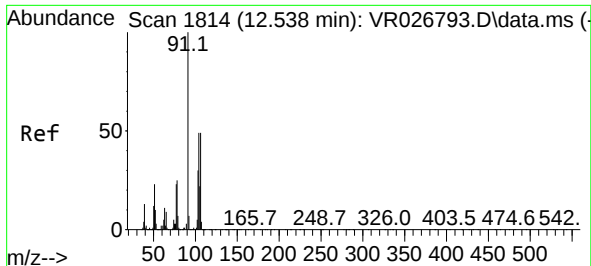
Tgt Ion:106 Resp: 355805

Ion Ratio Lower Upper

106 100

91 189.6 159.2 238.8

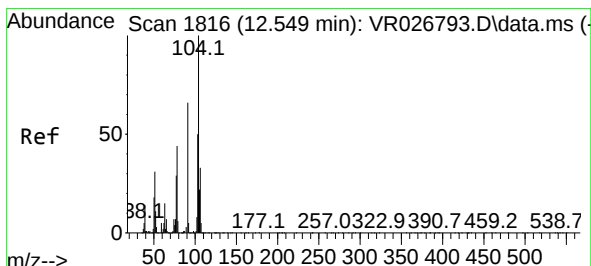
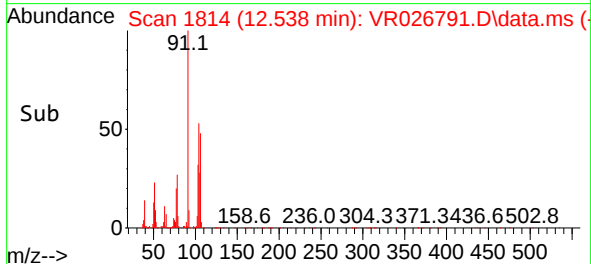
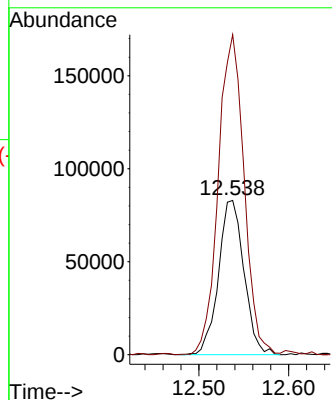
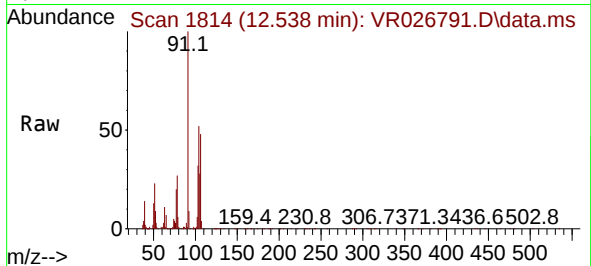




#69
o-Xylene
Concen: 9.268 ug/l
RT: 12.538 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VR026791.D
Acq: 4 Dec 2025 12:41

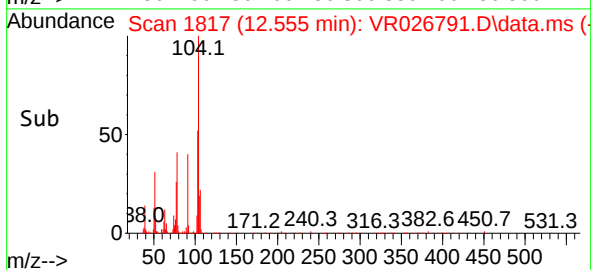
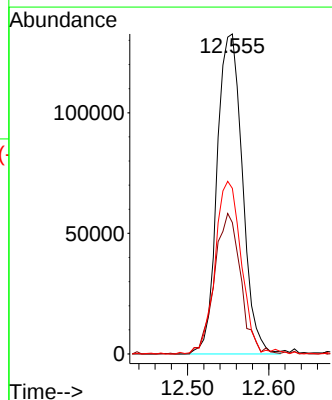
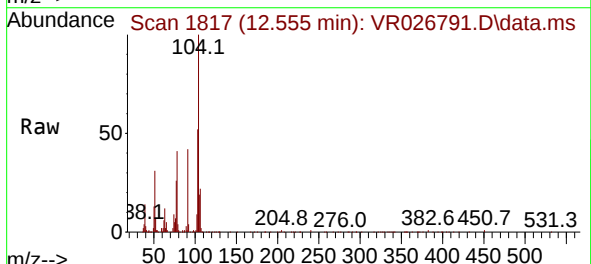
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC010

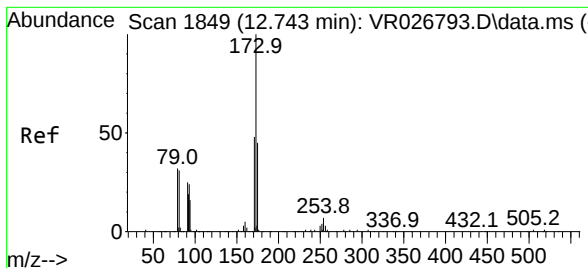
Tgt Ion:106 Resp: 163358
Ion Ratio Lower Upper
106 100
91 209.2 102.5 307.4



#70
Styrene
Concen: 9.511 ug/l
RT: 12.555 min Scan# 1817
Delta R.T. 0.006 min
Lab File: VR026791.D
Acq: 4 Dec 2025 12:41

Tgt Ion:104 Resp: 287208
Ion Ratio Lower Upper
104 100
78 45.5 37.8 56.8
103 55.7 43.3 64.9





#71

Bromoform

Concen: 8.512 ug/l

RT: 12.743 min Scan# 11

Delta R.T. 0.000 min

Lab File: VR026791.D

Acq: 4 Dec 2025 12:41

Instrument :

MSVOA_R

ClientSampleId :

VSTDIC010

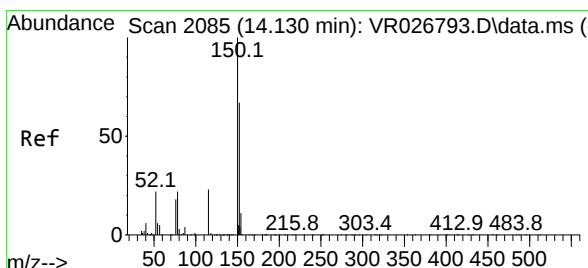
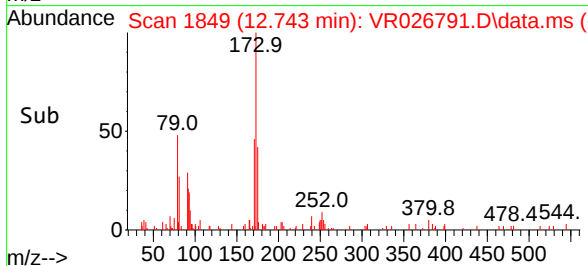
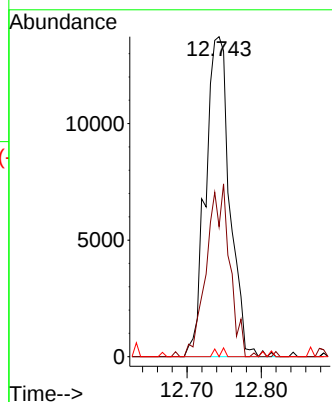
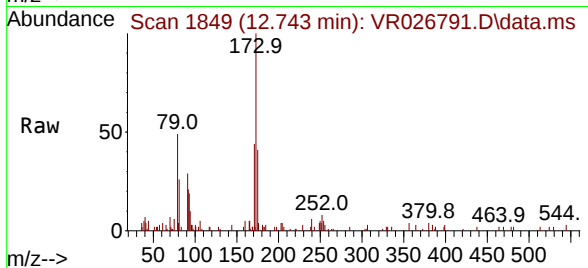
Tgt Ion:173 Resp: 31255

Ion Ratio Lower Upper

173 100

175 50.9 24.9 74.8

254 0.4 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.130 min Scan# 2085

Delta R.T. -0.000 min

Lab File: VR026791.D

Acq: 4 Dec 2025 12:41

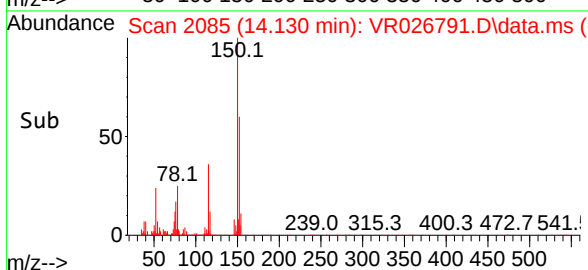
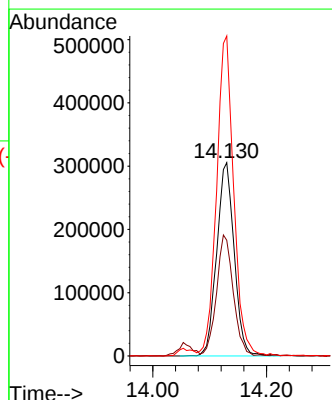
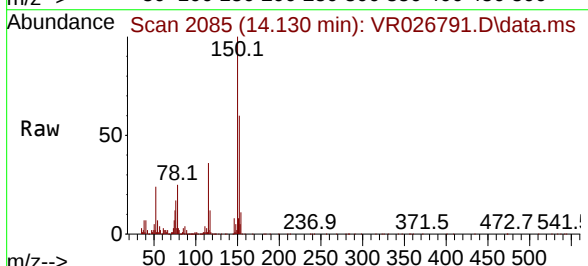
Tgt Ion:152 Resp: 651872

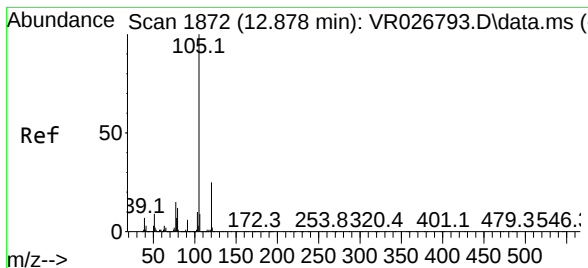
Ion Ratio Lower Upper

152 100

115 59.9 29.0 87.1

150 161.9 0.0 345.6





#73

Isopropylbenzene

Concen: 9.460 ug/l

RT: 12.878 min Scan# 1872

Delta R.T. 0.000 min

Lab File: VR026791.D

Acq: 4 Dec 2025 12:41

Instrument :

MSVOA_R

ClientSampleId :

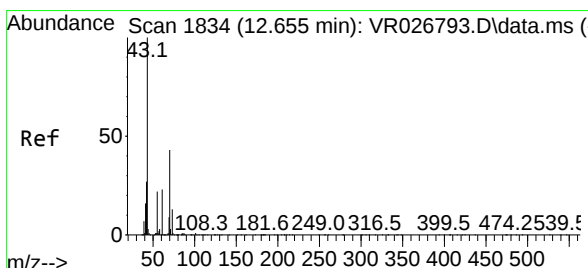
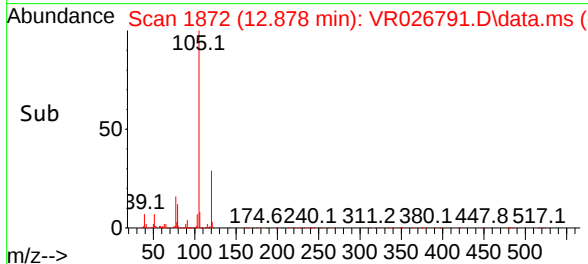
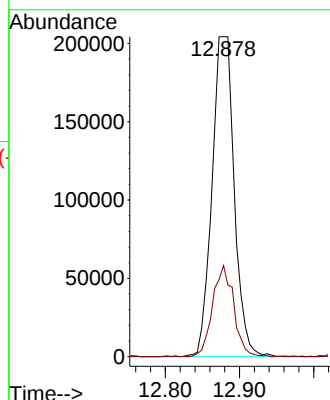
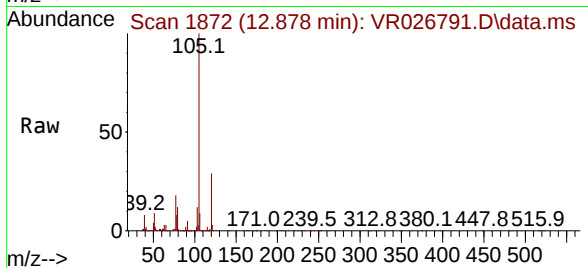
VSTDIC010

Tgt Ion:105 Resp: 426241

Ion Ratio Lower Upper

105 100

120 27.0 13.4 40.1



#74

N-ethyl acetate

Concen: 8.777 ug/l

RT: 12.655 min Scan# 1834

Delta R.T. 0.000 min

Lab File: VR026791.D

Acq: 4 Dec 2025 12:41

Tgt Ion: 43 Resp: 108243

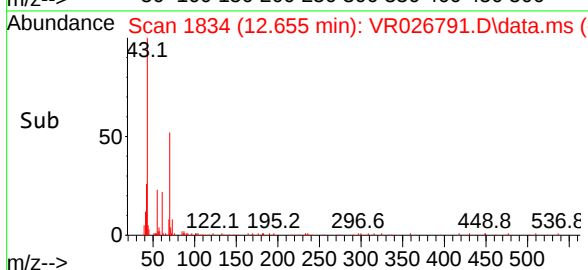
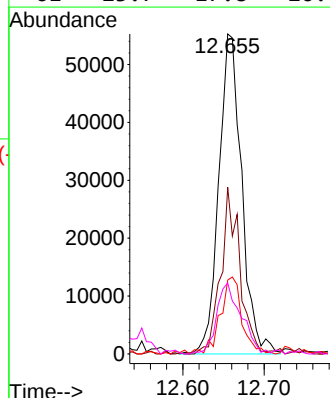
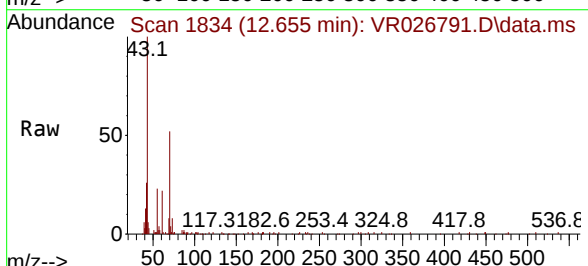
Ion Ratio Lower Upper

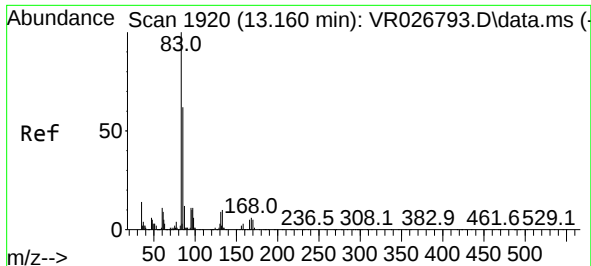
43 100

70 43.2 32.6 49.0

55 22.7 17.8 26.8

61 23.7 17.8 26.8

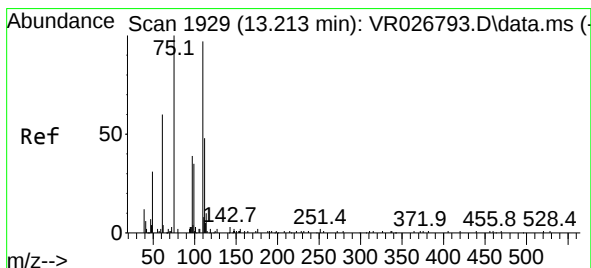
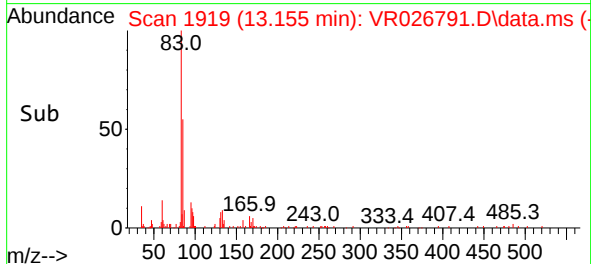
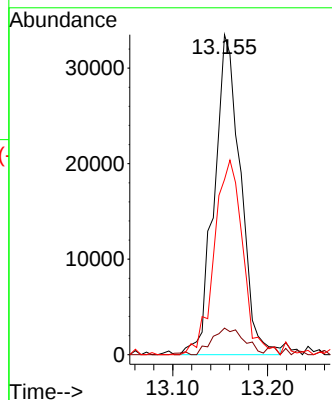
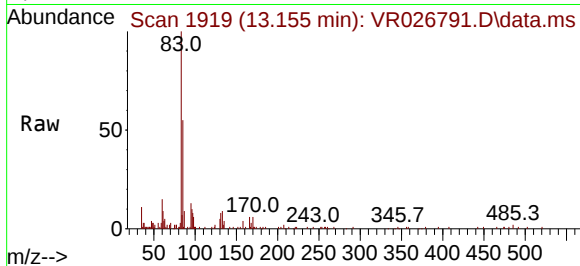




#75
1,1,2,2-Tetrachloroethane
Concen: 8.514 ug/l
RT: 13.155 min Scan# 1919
Delta R.T. -0.005 min
Lab File: VR026791.D
Acq: 4 Dec 2025 12:41

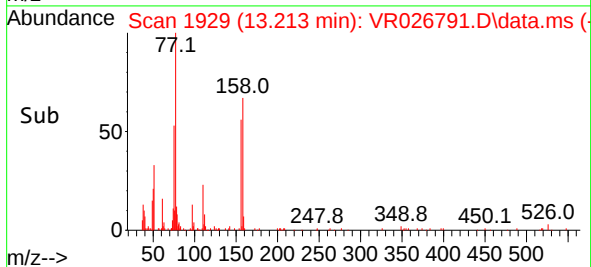
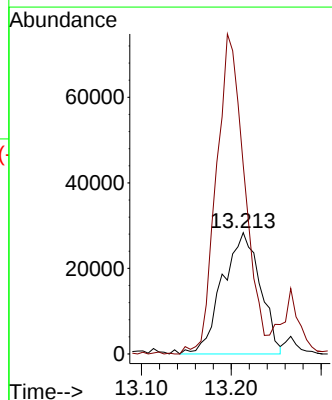
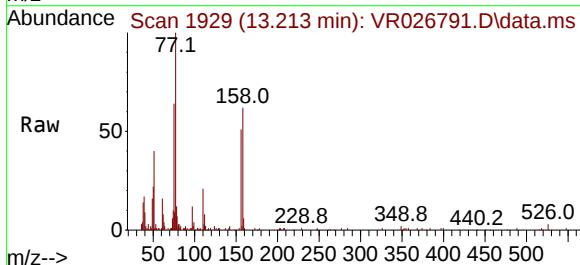
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC010

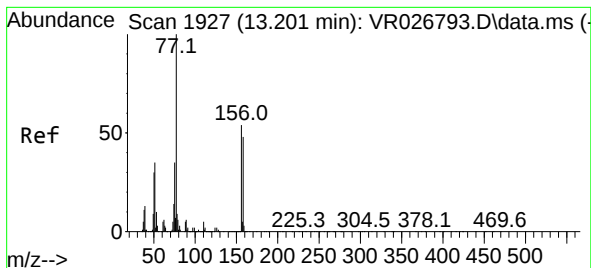
Tgt Ion: 83 Resp: 64804
Ion Ratio Lower Upper
83 100
131 10.1 4.5 13.5
85 65.4 31.1 93.2



#76
1,2,3-Trichloropropane
Concen: 12.360 ug/l
RT: 13.213 min Scan# 1929
Delta R.T. 0.000 min
Lab File: VR026791.D
Acq: 4 Dec 2025 12:41

Tgt Ion: 75 Resp: 82813
Ion Ratio Lower Upper
75 100
77 198.6 132.3 397.0





#77

Bromobenzene

Concen: 9.027 ug/l

RT: 13.196 min Scan# 1927

Delta R.T. -0.005 min

Lab File: VR026791.D

Acq: 4 Dec 2025 12:41

Instrument :

MSVOA_R

ClientSampleId :

VSTDIC010

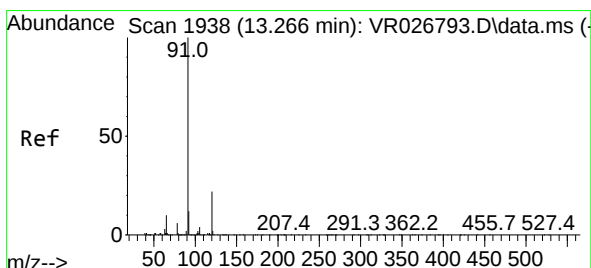
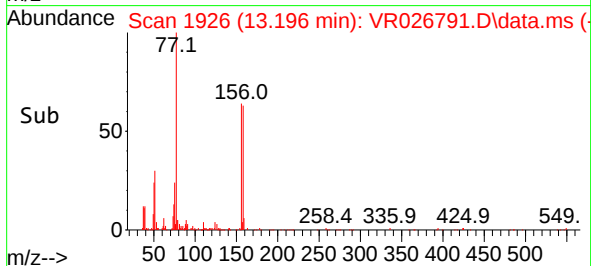
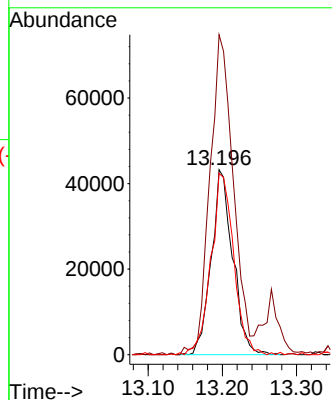
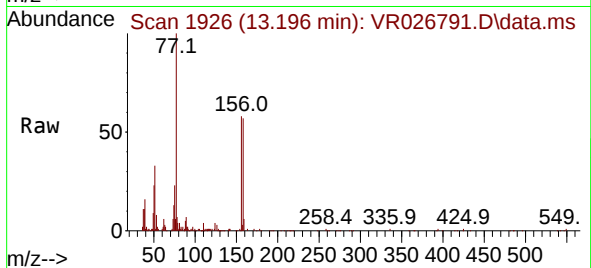
Tgt Ion:156 Resp: 86981

Ion Ratio Lower Upper

156 100

77 189.1 102.8 308.5

158 103.6 47.4 142.2



#78

n-propylbenzene

Concen: 9.312 ug/l

RT: 13.266 min Scan# 1938

Delta R.T. 0.000 min

Lab File: VR026791.D

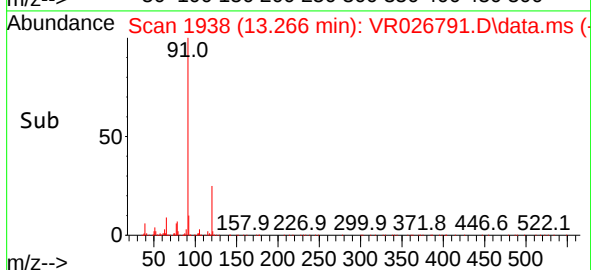
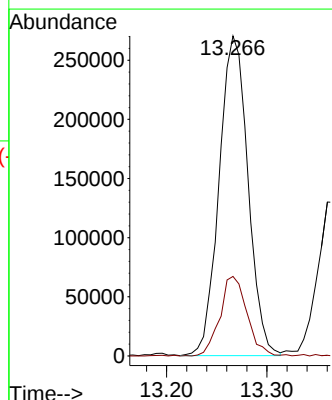
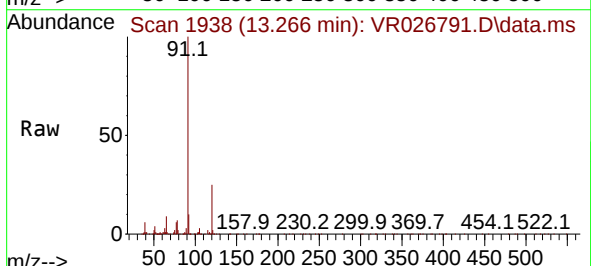
Acq: 4 Dec 2025 12:41

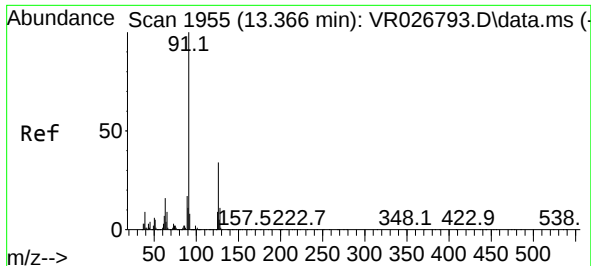
Tgt Ion: 91 Resp: 540278

Ion Ratio Lower Upper

91 100

120 23.3 11.1 33.1

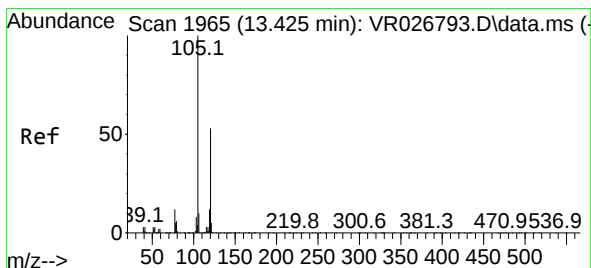
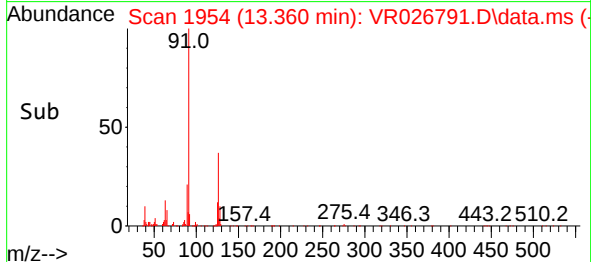
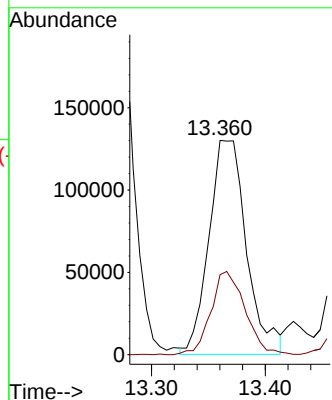
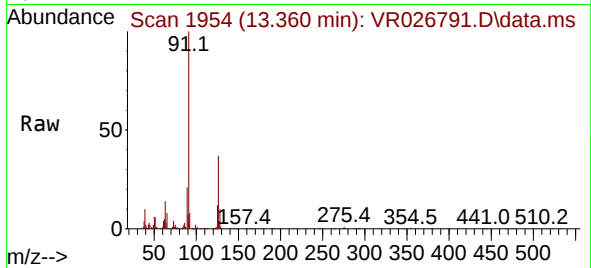




#79
2-Chlorotoluene
Concen: 9.532 ug/l
RT: 13.360 min Scan# 1955
Delta R.T. -0.006 min
Lab File: VR026791.D
Acq: 4 Dec 2025 12:41

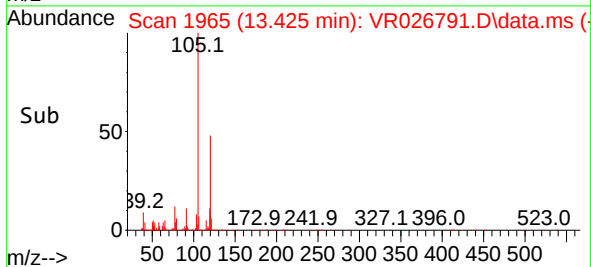
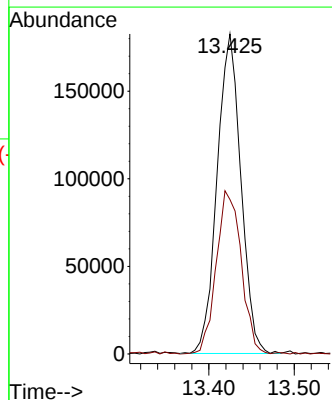
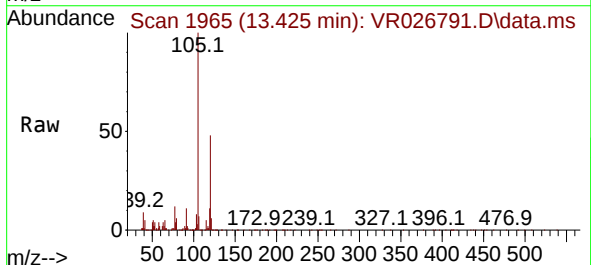
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC010

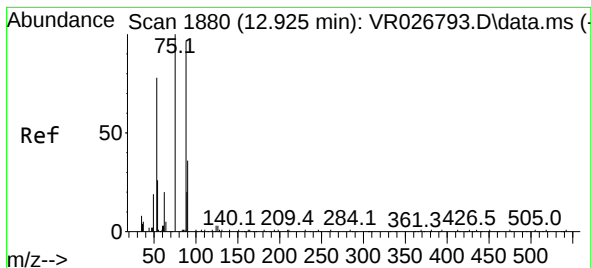
Tgt Ion: 91 Resp: 299204
Ion Ratio Lower Upper
91 100
126 35.3 17.3 52.0



#80
1,3,5-Trimethylbenzene
Concen: 8.986 ug/l
RT: 13.425 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VR026791.D
Acq: 4 Dec 2025 12:41

Tgt Ion: 105 Resp: 353641
Ion Ratio Lower Upper
105 100
120 53.5 25.2 75.6

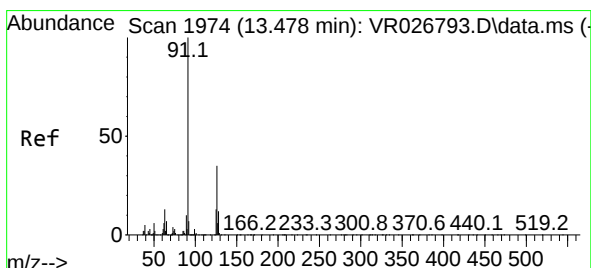
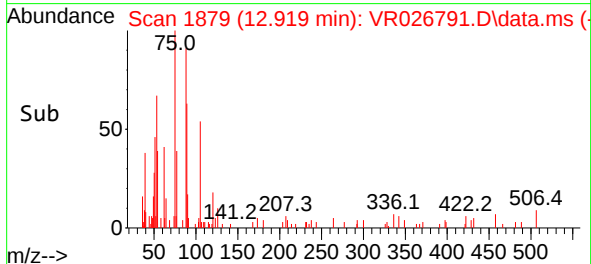
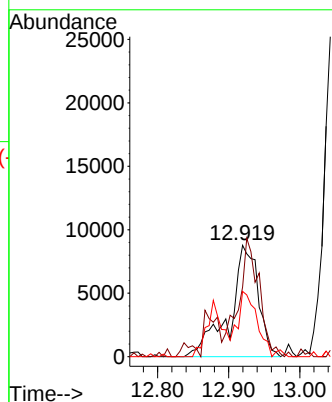
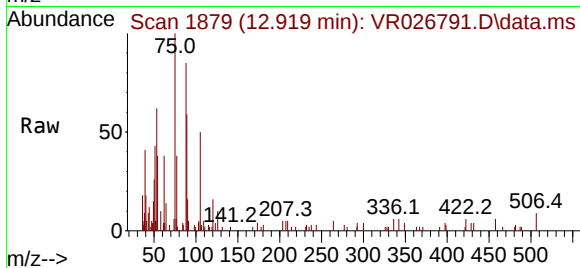




#81
trans-1,4-Dichloro-2-butene
Concen: 9.325 ug/l
RT: 12.919 min Scan# 1880
Delta R.T. -0.006 min
Lab File: VR026791.D
Acq: 4 Dec 2025 12:41

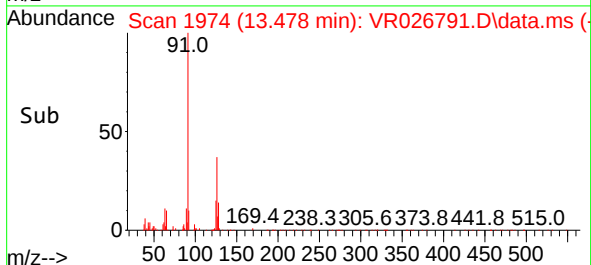
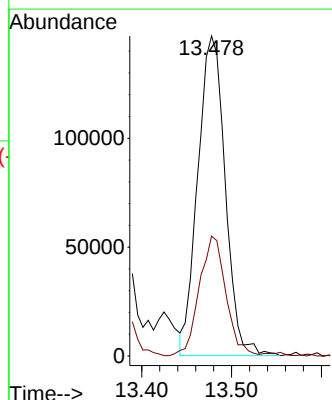
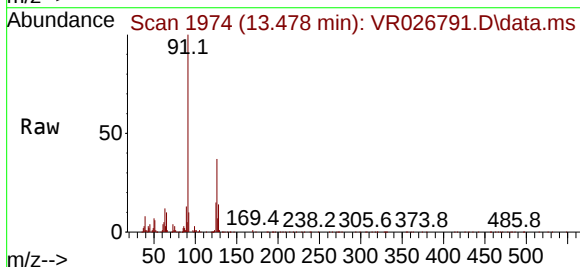
Instrument : MSVOA_R
ClientSampleId : VSTDICC010

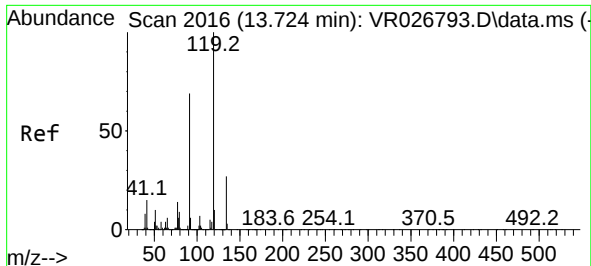
Tgt Ion: 75 Resp: 24479
Ion Ratio Lower Upper
75 100
53 77.2 74.3 111.5
89 35.3 35.9 53.9#



#82
4-Chlorotoluene
Concen: 9.122 ug/l
RT: 13.478 min Scan# 1974
Delta R.T. -0.000 min
Lab File: VR026791.D
Acq: 4 Dec 2025 12:41

Tgt Ion: 91 Resp: 311110
Ion Ratio Lower Upper
91 100
126 36.1 16.7 50.0

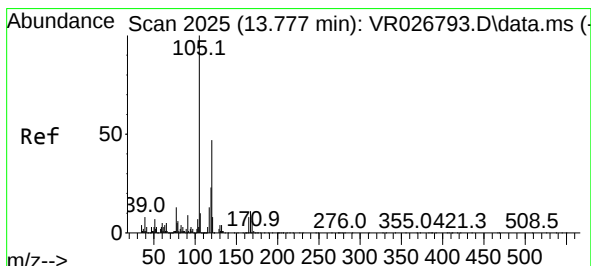
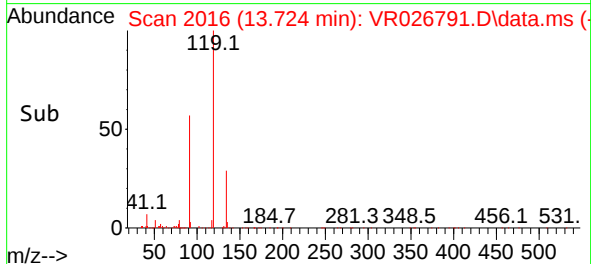
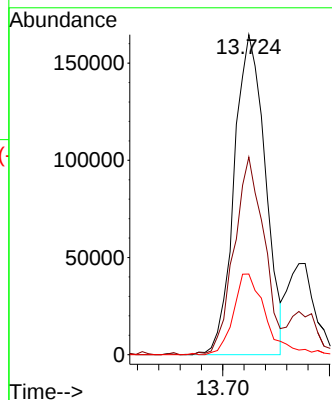
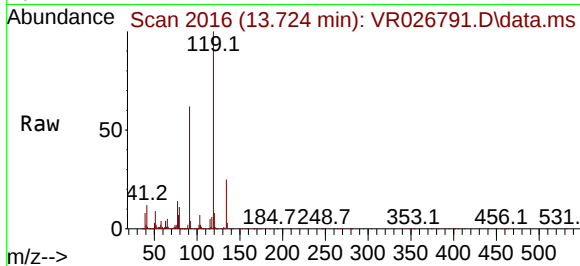




#83
tert-Butylbenzene
Concen: 9.407 ug/l
RT: 13.724 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VR026791.D
Acq: 4 Dec 2025 12:41

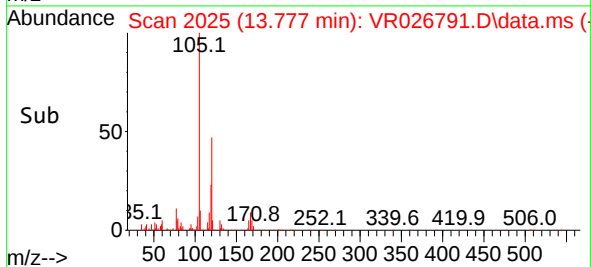
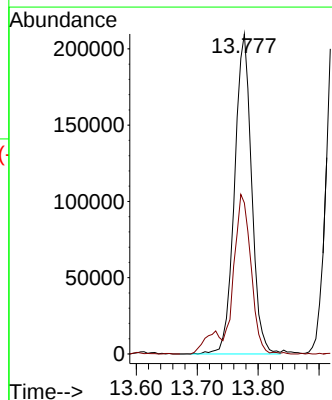
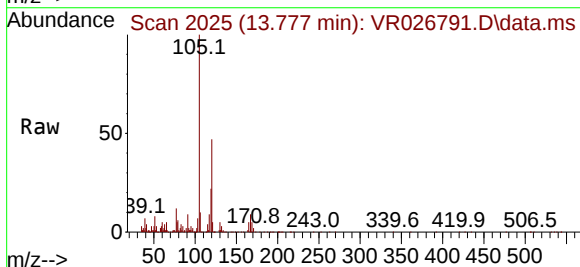
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC010

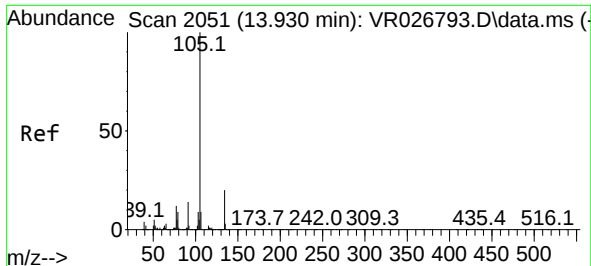
Tgt Ion:119 Resp: 333645
Ion Ratio Lower Upper
119 100
91 59.8 32.8 98.3
134 26.3 13.7 41.0



#84
1,2,4-Trimethylbenzene
Concen: 9.646 ug/l
RT: 13.777 min Scan# 2025
Delta R.T. 0.000 min
Lab File: VR026791.D
Acq: 4 Dec 2025 12:41

Tgt Ion:105 Resp: 407482
Ion Ratio Lower Upper
105 100
120 49.2 23.7 71.1

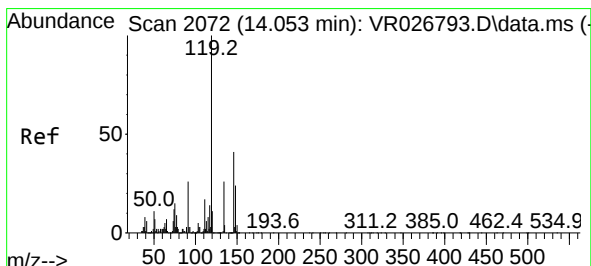
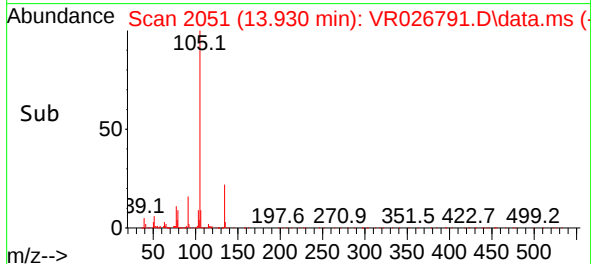
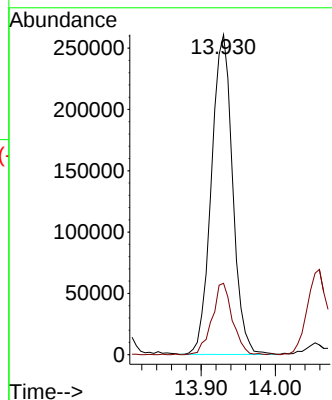
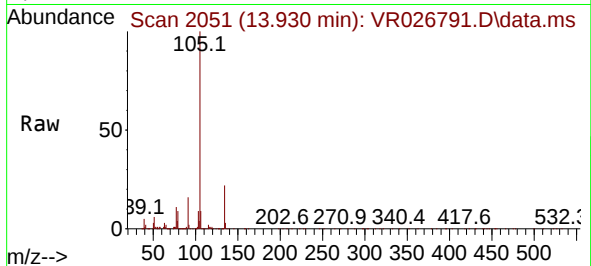




#85
 sec-Butylbenzene
 Concen: 9.276 ug/l
 RT: 13.930 min Scan# 2051
 Delta R.T. 0.000 min
 Lab File: VR026791.D
 Acq: 4 Dec 2025 12:41

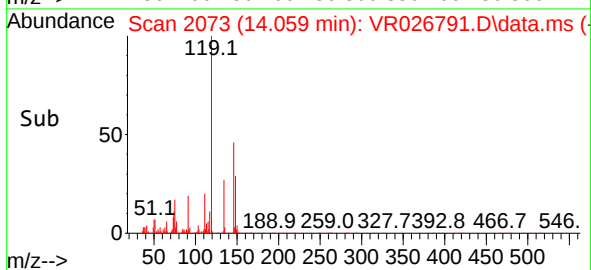
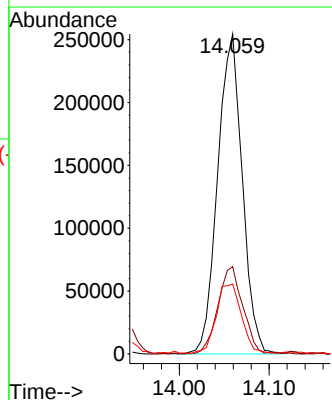
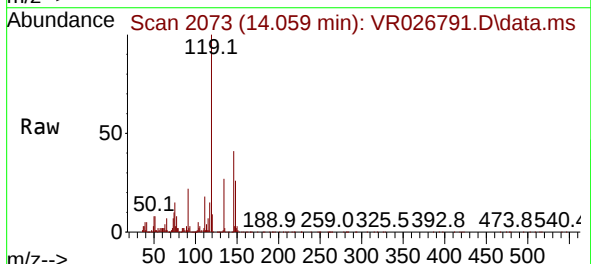
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDIC010

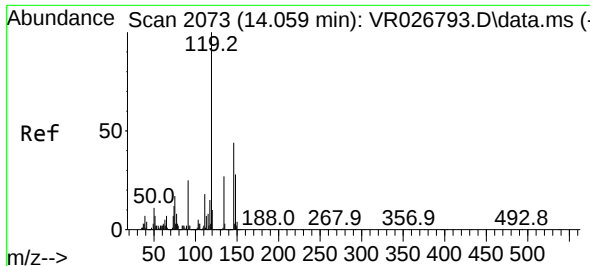
Tgt Ion:105 Resp: 518636
 Ion Ratio Lower Upper
 105 100
 134 21.4 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 9.846 ug/l
 RT: 14.059 min Scan# 2073
 Delta R.T. 0.006 min
 Lab File: VR026791.D
 Acq: 4 Dec 2025 12:41

Tgt Ion:119 Resp: 484854
 Ion Ratio Lower Upper
 119 100
 134 27.9 13.3 39.9
 91 22.5 11.9 35.9

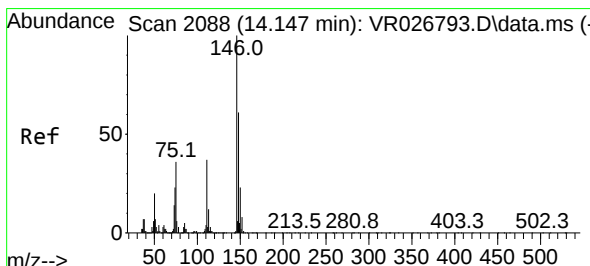
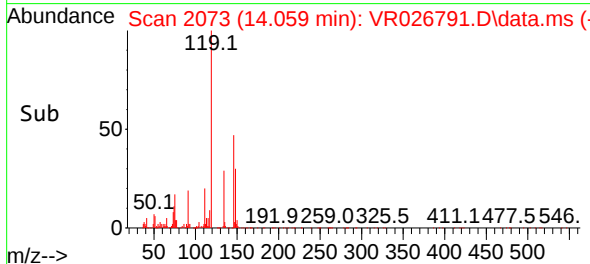
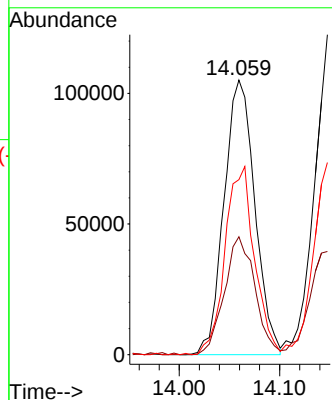
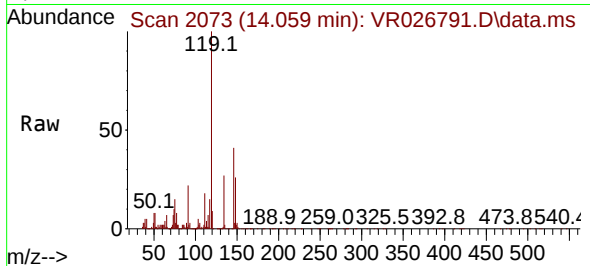




#87
1,3-Dichlorobenzene
Concen: 9.628 ug/l
RT: 14.059 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VR026791.D
Acq: 4 Dec 2025 12:41

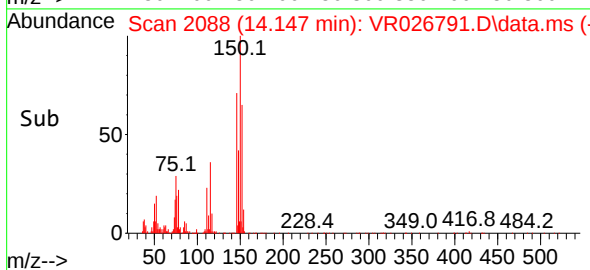
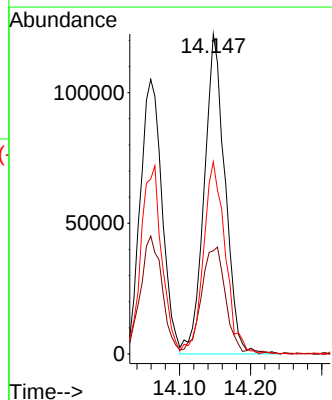
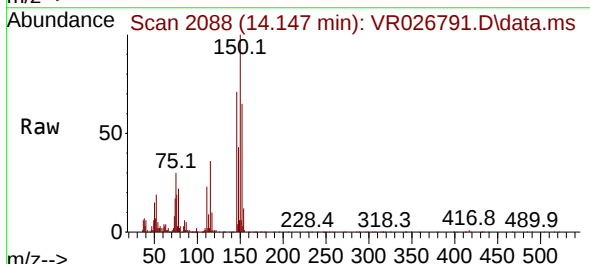
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC010

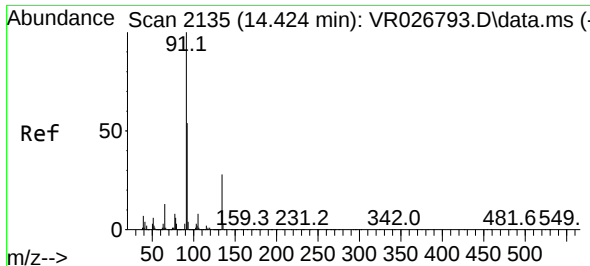
Tgt Ion:146 Resp: 224490
Ion Ratio Lower Upper
146 100
111 42.6 20.8 62.2
148 65.3 31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 10.165 ug/l
RT: 14.147 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VR026791.D
Acq: 4 Dec 2025 12:41

Tgt Ion:146 Resp: 250197
Ion Ratio Lower Upper
146 100
111 36.5 19.6 58.8
148 62.7 31.3 93.9

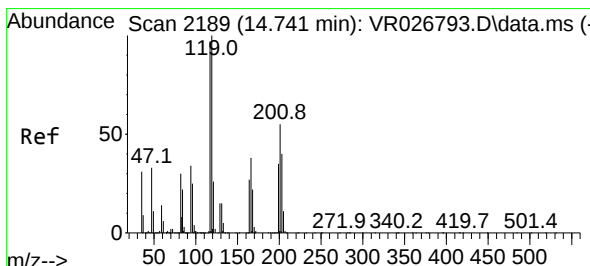
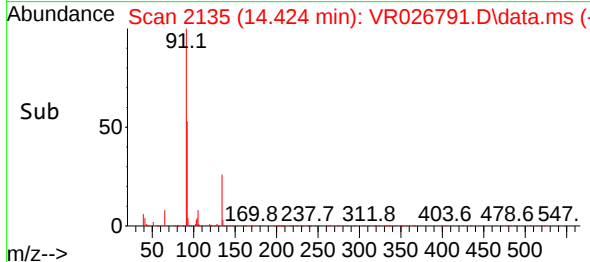
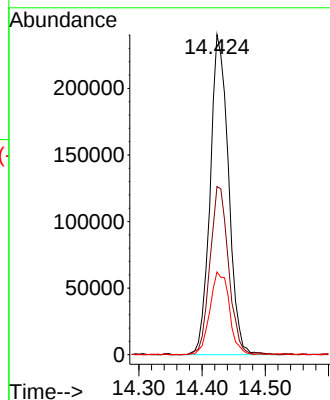
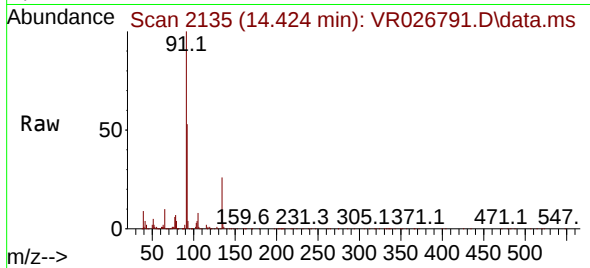




#89
n-Butylbenzene
Concen: 9.518 ug/l
RT: 14.424 min Scan# 2135
Delta R.T. -0.000 min
Lab File: VR026791.D
Acq: 4 Dec 2025 12:41

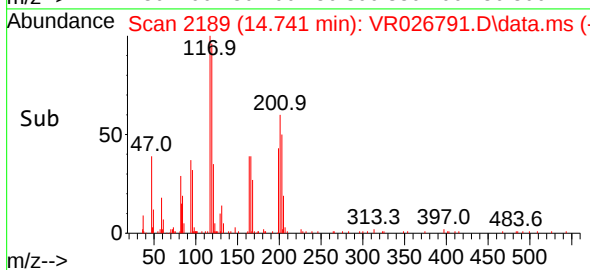
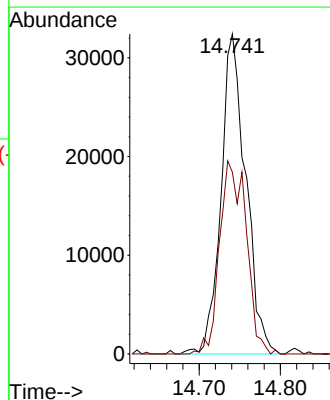
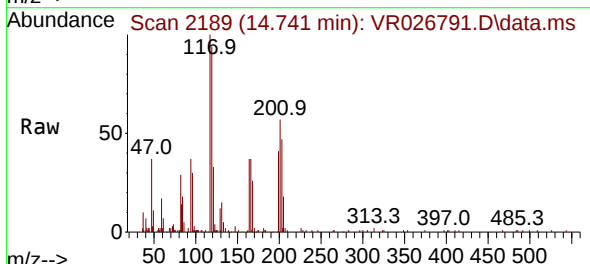
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC010

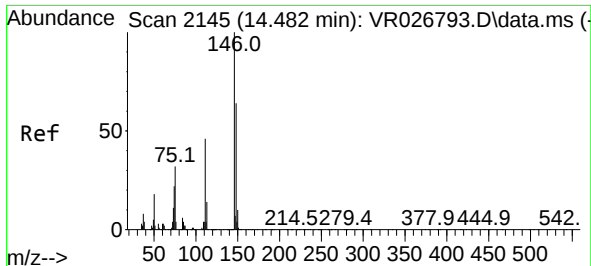
Tgt Ion:	91	Resp:	483098
Ion	Ratio	Lower	Upper
91	100		
92	53.3	26.7	80.1
134	27.5	12.9	38.7



#90
Hexachloroethane
Concen: 8.902 ug/l
RT: 14.741 min Scan# 2189
Delta R.T. -0.000 min
Lab File: VR026791.D
Acq: 4 Dec 2025 12:41

Tgt Ion:	117	Resp:	68497
Ion	Ratio	Lower	Upper
117	100		
201	65.1	32.6	98.0

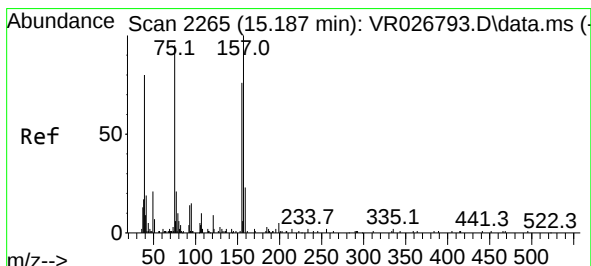
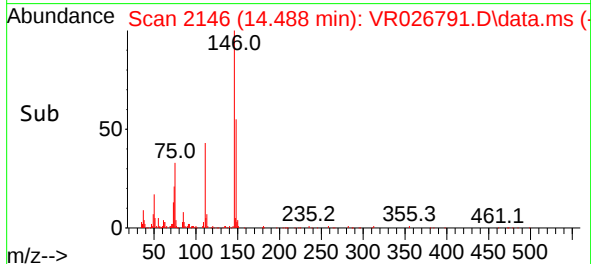
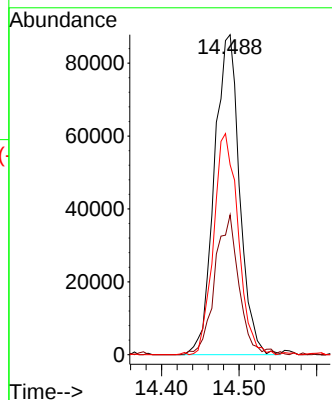
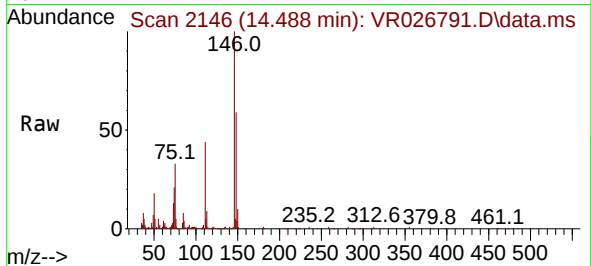




#91
1,2-Dichlorobenzene
Concen: 9.276 ug/l
RT: 14.488 min Scan# 2145
Delta R.T. 0.006 min
Lab File: VR026791.D
Acq: 4 Dec 2025 12:41

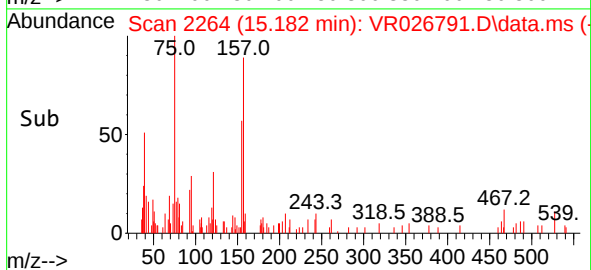
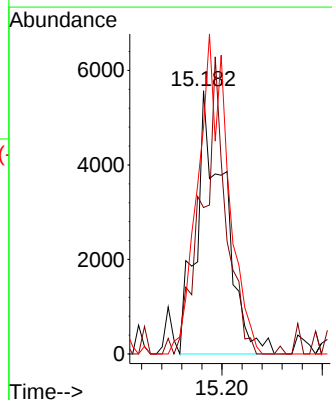
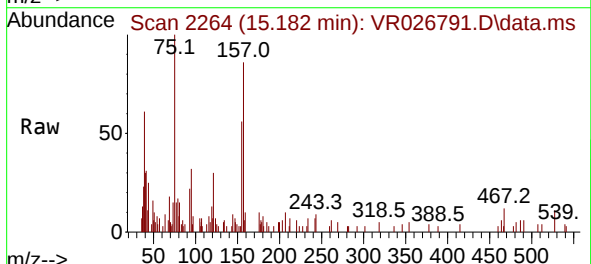
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC010

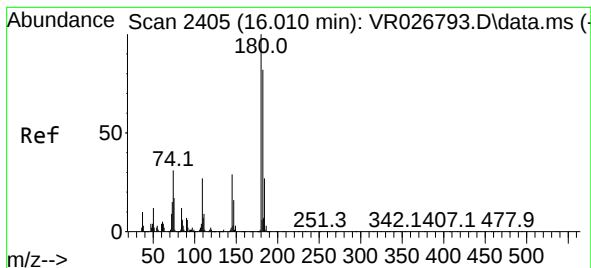
Tgt Ion:146 Resp: 198550
Ion Ratio Lower Upper
146 100
111 41.9 20.5 61.6
148 67.4 31.5 94.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 7.777 ug/l
RT: 15.182 min Scan# 2264
Delta R.T. -0.005 min
Lab File: VR026791.D
Acq: 4 Dec 2025 12:41

Tgt Ion: 75 Resp: 10928
Ion Ratio Lower Upper
75 100
155 95.6 46.7 140.0
157 129.5 64.0 192.2





#93

1,2,4-Trichlorobenzene

Concen: 9.060 ug/l

RT: 16.004 min Scan# 2404

Delta R.T. -0.006 min

Lab File: VR026791.D

Acq: 4 Dec 2025 12:41

Instrument :

MSVOA_R

ClientSampleId :

VSTDIC010

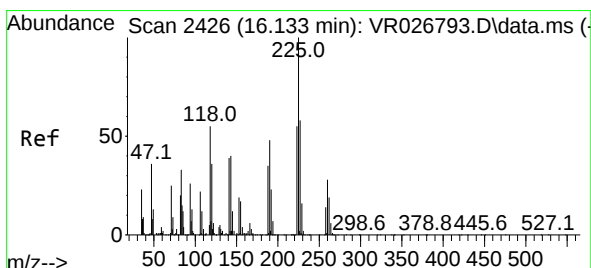
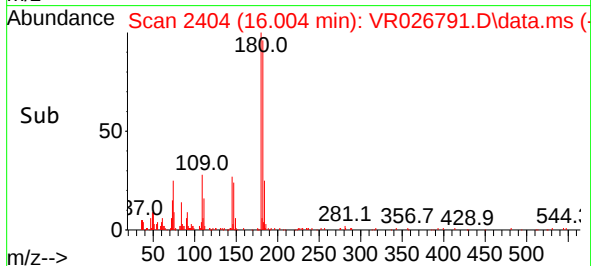
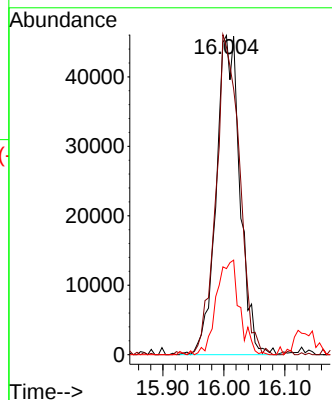
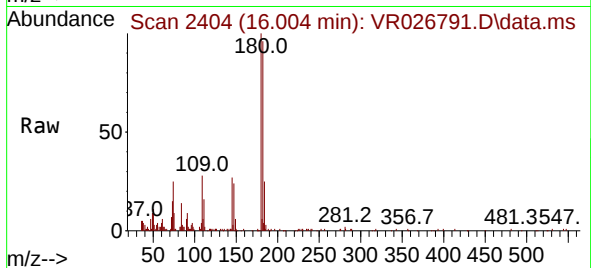
Tgt Ion:180 Resp: 124485

Ion Ratio Lower Upper

180 100

182 99.8 46.4 139.2

145 28.9 16.1 48.2



#94

Hexachlorobutadiene

Concen: 9.395 ug/l

RT: 16.133 min Scan# 2426

Delta R.T. 0.000 min

Lab File: VR026791.D

Acq: 4 Dec 2025 12:41

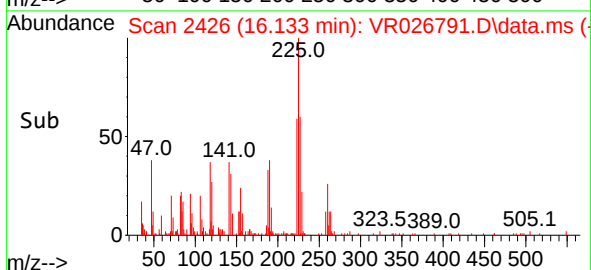
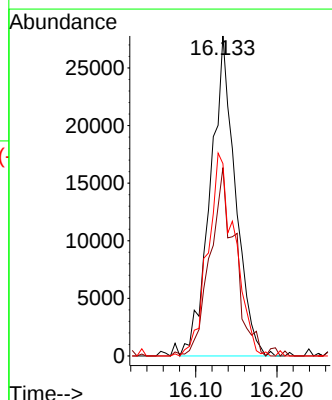
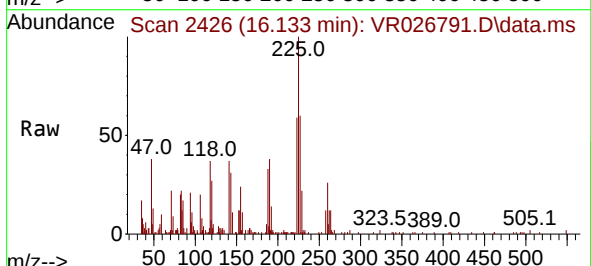
Tgt Ion:225 Resp: 59597

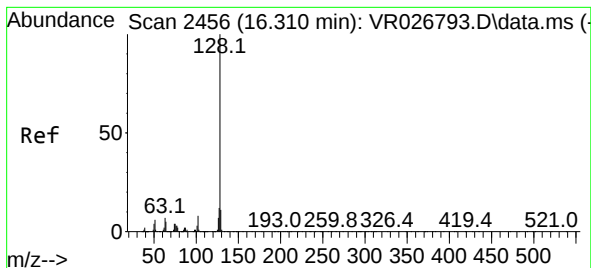
Ion Ratio Lower Upper

225 100

223 58.7 30.3 91.0

227 68.0 32.3 96.9





#95

Naphthalene

Concen: 9.571 ug/l

RT: 16.304 min Scan# 2456

Delta R.T. -0.006 min

Lab File: VR026791.D

Acq: 4 Dec 2025 12:41

Instrument :

MSVOA_R

ClientSampleId :

VSTDIC010

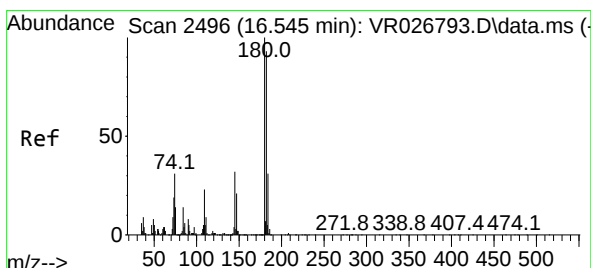
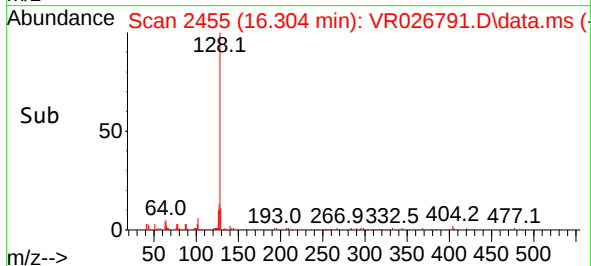
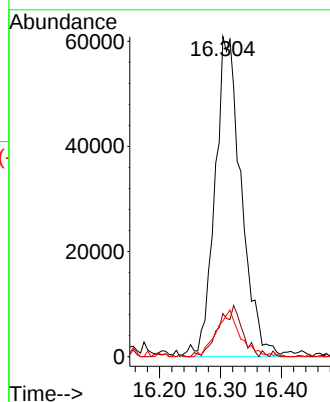
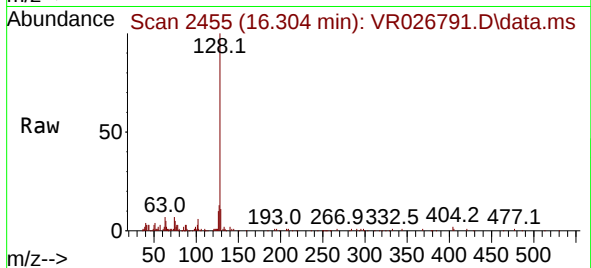
Tgt Ion:128 Resp: 182501

Ion Ratio Lower Upper

128 100

127 14.2 10.2 15.2

129 13.5 8.6 12.8#



#96

1,2,3-Trichlorobenzene

Concen: 9.066 ug/l

RT: 16.556 min Scan# 2498

Delta R.T. 0.011 min

Lab File: VR026791.D

Acq: 4 Dec 2025 12:41

Tgt Ion:180 Resp: 105897

Ion Ratio Lower Upper

180 100

182 88.6 48.2 144.6

145 33.8 16.4 49.2

