

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR081125\
 Data File : VR026732.D
 Acq On : 11 Aug 2025 9:27
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5mL/MSVOA_R/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDC0050

Quant Time: Aug 12 02:45:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_R\methods\82R080425W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 05 02:27:49 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.295	168	417420	50.000	ug/l	0.00
33) 1,4-Difluorobenzene	8.325	114	733376	50.000	ug/l	0.00
62) Chlorobenzene-d5	11.537	117	598763	50.000	ug/l	0.00
71) 1,4-Dichlorobenzene-d4	13.745	152	286998	50.000	ug/l	0.00

System Monitoring Compounds						
32) 1,2-Dichloroethane-d4	7.680	65	258925	49.010	ug/l	-0.02
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.020%
34) Dibromofluoromethane	7.195	113	227306	50.112	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.220%
49) Toluene-d8	10.032	98	874299	53.800	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	107.600%
61) 4-Bromofluorobenzene	12.673	95	251439	54.398	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	108.800%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.660	85	141439	46.492	ug/l	100
3) Chloromethane	1.843	50	215535	47.662	ug/l	92
4) Vinyl Chloride	1.958	62	248007	53.668	ug/l	96
5) Bromomethane	2.295	94	128156	56.913	ug/l	95
6) Chloroethane	2.420	64	149969	50.402	ug/l	99
7) Trichlorofluoromethane	2.706	101	527286	63.305	ug/l	98
8) Diethyl Ether	3.069	74	168154	45.501	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.380	101	216412	48.163	ug/l #	87
10) Methyl Iodide	3.550	142	197509	45.545	ug/l	97
11) Tert butyl alcohol	4.314	59	170420	206.172	ug/l #	93
12) 1,1-Dichloroethene	3.354	96	203037	45.726	ug/l	89
13) Acrolein	3.239	56	232103	192.090	ug/l	98
14) Allyl chloride	3.877	41	417731	47.819	ug/l	96
15) Acrylonitrile	4.471	53	816536	248.853	ug/l	96
16) Acetone	3.434	43	707757	285.432	ug/l	92
17) Carbon Disulfide	3.640	76	287175	43.691	ug/l	97
18) Methyl Acetate	3.893	43	571188	55.192	ug/l	99
19) Methyl tert-butyl Ether	4.548	73	821294	46.219	ug/l	95
20) Methylene Chloride	4.083	84	264025	44.869	ug/l	94
21) trans-1,2-Dichloroethene	4.526	96	216189	44.290	ug/l	92
22) Diisopropyl ether	5.463	45	978676	47.809	ug/l	93
23) Vinyl Acetate	5.386	43	2984103	255.667	ug/l	94
24) 1,1-Dichloroethane	5.325	63	469108	45.252	ug/l	99
25) 2-Butanone	6.367	43	1050768	273.787	ug/l	99
26) 2,2-Dichloropropane	6.348	77	327338	45.676	ug/l	100
27) cis-1,2-Dichloroethene	6.348	96	291885	46.479	ug/l	99
28) Bromochloromethane	6.736	49	154583	41.382	ug/l	100
29) Chloroform	6.951	83	450737	50.195	ug/l	97
30) Cyclohexane	7.269	56	353840	42.266	ug/l	95
31) 1,1,1-Trichloroethane	7.176	97	329049	50.727	ug/l	97
35) 1,1-Dichloropropene	7.423	75	292707	51.152	ug/l	97
36) Ethyl Acetate	6.473	43	349699	51.046	ug/l	98
37) Carbon Tetrachloride	7.407	117	247263	53.056	ug/l	91
38) Methylcyclohexane	8.883	83	332091	50.699	ug/l	100
39) Benzene	7.702	78	1053003	51.099	ug/l	99
40) Methacrylonitrile	6.720	41	227756	53.496	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) 1,2-Dichloroethane	7.789	62	270265	51.563	ug/l	100
42) Isopropyl Acetate	7.863	43	574086	52.116	ug/l	98
43) Trichloroethene	8.601	130	205026	51.735	ug/l	95
44) 1,2-Dichloropropane	8.915	63	256601	52.619	ug/l	96
45) Dibromomethane	9.018	93	148915	54.908	ug/l	96
46) Bromodichloromethane	9.239	83	303674	57.790	ug/l	94
47) Methyl methacrylate	9.028	41	272647	56.552	ug/l	98
48) 1,4-Dioxane	9.028	88	95641	1231.537	ug/l	89
50) 4-Methyl-2-Pentanone	9.916	43	1805844	314.012	ug/l	96
51) Toluene	10.103	92	598131	56.858	ug/l	98
52) t-1,3-Dichloropropene	10.363	75	287387	55.798	ug/l	94
53) cis-1,3-Dichloropropene	9.743	75	337048	54.558	ug/l	93
54) 1,1,2-Trichloroethane	10.568	97	231805	60.337	ug/l #	94
55) Ethyl methacrylate	10.430	69	374239	58.987	ug/l	98
56) 1,3-Dichloropropane	10.735	76	375735	57.418	ug/l	99
57) 2-Chloroethyl Vinyl ether	9.586	63	127622	364.000	ug/l	94
58) 2-Hexanone	10.793	43	1259592	324.896	ug/l	100
59) Dibromochloromethane	10.953	129	206326	63.458	ug/l	99
60) 1,2-Dibromoethane	11.068	107	198632	60.073	ug/l	100
63) Tetrachloroethene	10.651	164	170310	52.067	ug/l	93
64) Chlorobenzene	11.566	112	652497	52.362	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.656	131	188995	55.529	ug/l	97
66) Ethyl Benzene	11.659	91	1113133	53.498	ug/l	96
67) m/p-Xylenes	11.784	106	869934	104.650	ug/l	98
68) o-Xylene	12.156	106	427338	52.958	ug/l	99
69) Styrene	12.172	104	729493	54.098	ug/l	99
70) Bromoform	12.355	173	121407	63.027	ug/l #	100
72) Isopropylbenzene	12.500	105	1069457	52.281	ug/l	98
73) N-amyl acetate	12.297	43	432091	53.274	ug/l	97
74) 1,1,2,2-Tetrachloroethane	12.785	83	323764	53.945	ug/l	99
75) 1,2,3-Trichloropropane	12.840	75	253724m	53.334	ug/l	
76) Bromobenzene	12.814	156	249711	52.750	ug/l	96
77) n-propylbenzene	12.891	91	1301305	53.321	ug/l	99
78) 2-Chlorotoluene	12.984	91	695257	50.212	ug/l	98
79) 1,3,5-Trimethylbenzene	13.048	105	855644	53.491	ug/l	99
80) trans-1,4-Dichloro-2-b...	12.551	75	84395	51.669	ug/l	96
81) 4-Chlorotoluene	13.093	91	724089	51.191	ug/l	98
82) tert-Butylbenzene	13.350	119	789844	54.286	ug/l	97
83) 1,2,4-Trimethylbenzene	13.395	105	865692	54.673	ug/l	100
84) sec-Butylbenzene	13.549	105	1166332	54.054	ug/l	100
85) p-Isopropyltoluene	13.681	119	985099	55.993	ug/l	99
86) 1,3-Dichlorobenzene	13.674	146	511578	55.122	ug/l	98
87) 1,4-Dichlorobenzene	13.761	146	511265	54.885	ug/l	96
88) n-Butylbenzene	14.046	91	902233	55.641	ug/l	99
89) Hexachloroethane	14.351	117	139733	55.310	ug/l	92
90) 1,2-Dichlorobenzene	14.091	146	482744	55.382	ug/l	98
91) 1,2-Dibromo-3-Chloropr...	14.794	75	45633	57.098	ug/l	99
92) 1,2,4-Trichlorobenzene	15.555	180	306631	58.830	ug/l	98
93) Hexachlorobutadiene	15.676	225	95323	56.287	ug/l	99
94) Naphthalene	15.837	128	970246	60.745	ug/l	99
95) 1,2,3-Trichlorobenzene	16.058	180	296023	59.823	ug/l	100

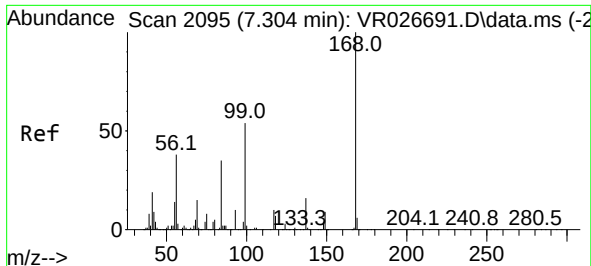
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QLast Update : Tue Aug 05 02:27:49 2025
Response via : Initial Calibration

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

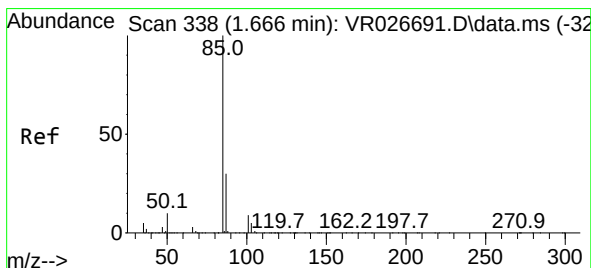
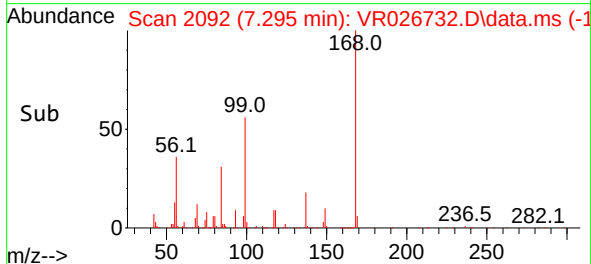
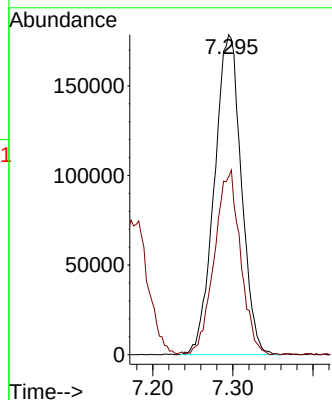
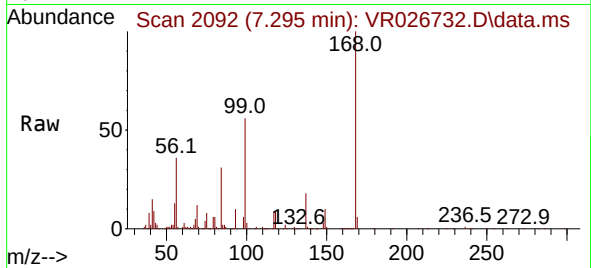
(#)=qualifier out of range (m)=manual integration (+)=signals summed						



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.295 min Scan# 2095
Delta R.T. -0.009 min
Lab File: VR026732.D
Acq: 11 Aug 2025 9:27

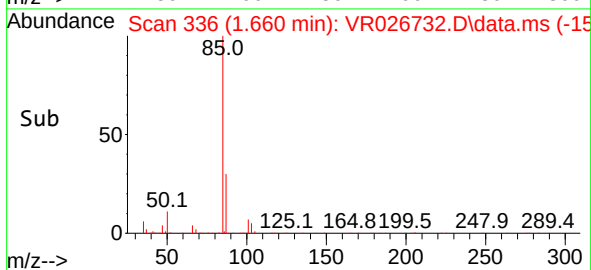
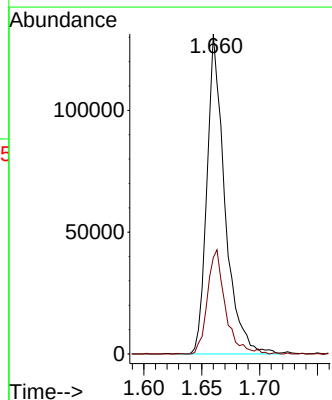
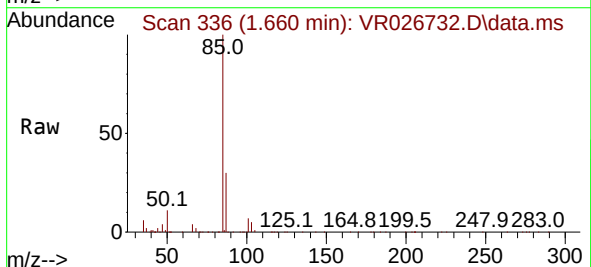
Instrument :
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VSTDCCC050

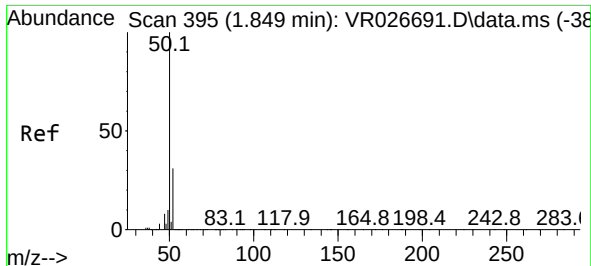
Tgt Ion:168 Resp: 417420
Ion Ratio Lower Upper
168 100
99 55.6 43.8 65.8



#2
Dichlorodifluoromethane
Concen: 46.492 ug/l
RT: 1.660 min Scan# 336
Delta R.T. -0.006 min
Lab File: VR026732.D
Acq: 11 Aug 2025 9:27

Tgt Ion: 85 Resp: 141439
Ion Ratio Lower Upper
85 100
87 30.1 15.2 45.5

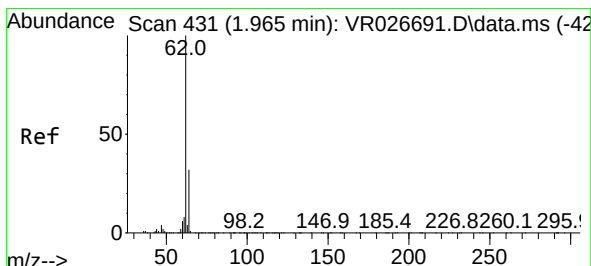
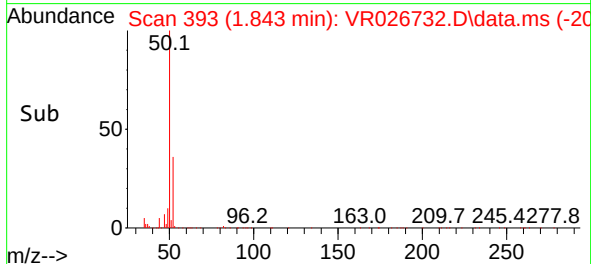
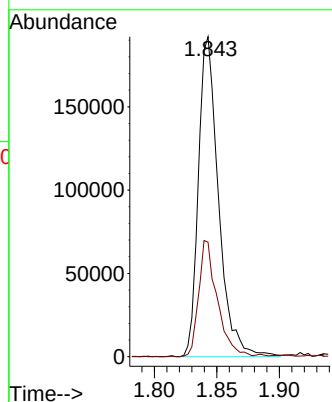
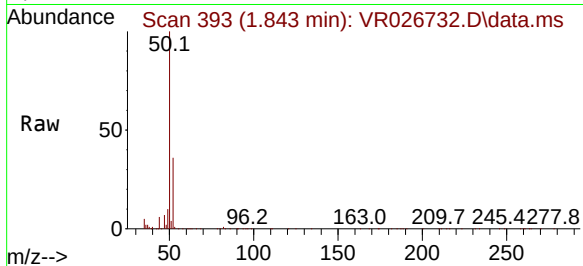




#3
Chloromethane
Concen: 47.662 ug/l
RT: 1.843 min Scan# 391
Delta R.T. -0.006 min
Lab File: VR026732.D
Acq: 11 Aug 2025 9:27

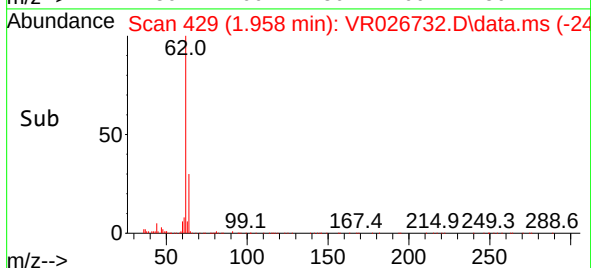
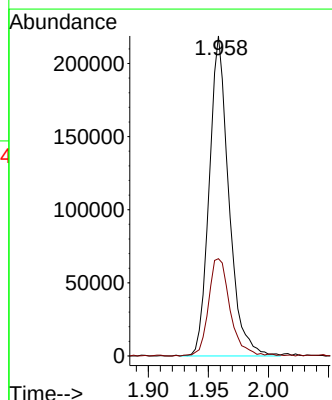
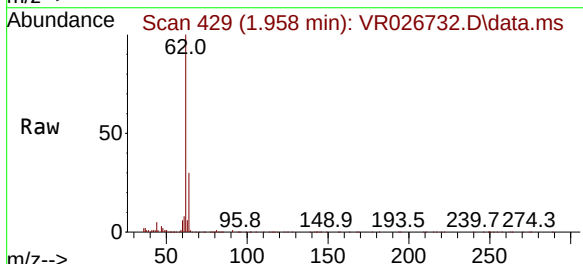
Instrument :
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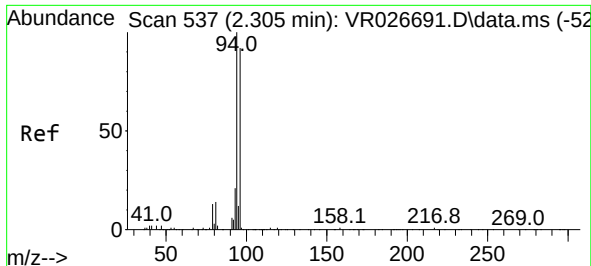
Tgt Ion: 50 Resp: 215535
Ion Ratio Lower Upper
50 100
52 35.8 25.0 37.4



#4
Vinyl Chloride
Concen: 53.668 ug/l
RT: 1.958 min Scan# 429
Delta R.T. -0.006 min
Lab File: VR026732.D
Acq: 11 Aug 2025 9:27

Tgt Ion: 62 Resp: 248007
Ion Ratio Lower Upper
62 100
64 30.4 25.9 38.9

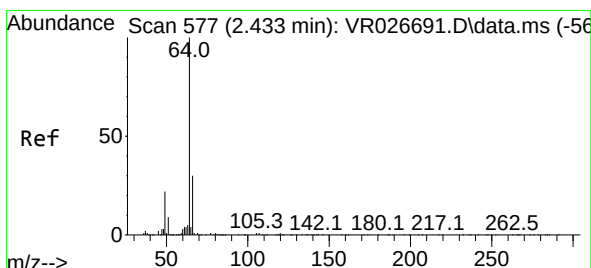
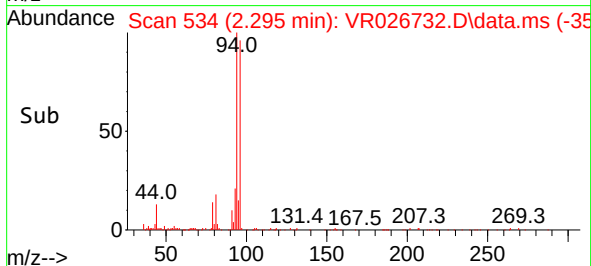
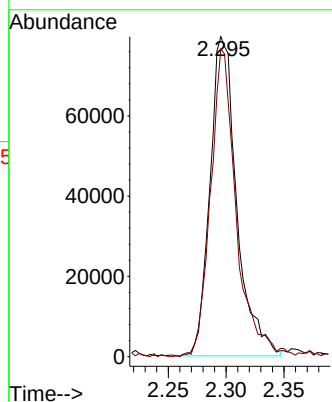
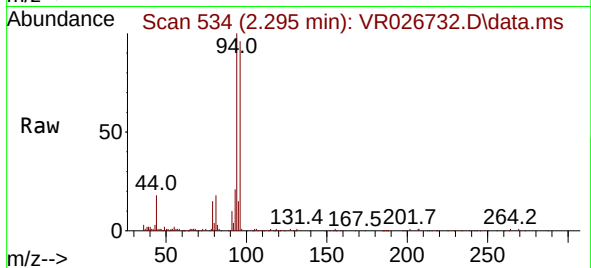




#5
Bromomethane
Concen: 56.913 ug/l
RT: 2.295 min Scan# 51
Delta R.T. -0.010 min
Lab File: VR026732.D
Acq: 11 Aug 2025 9:27

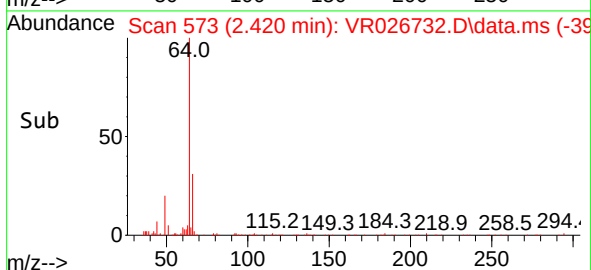
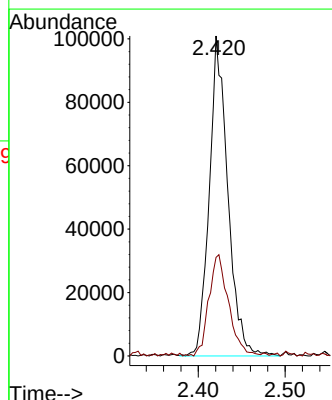
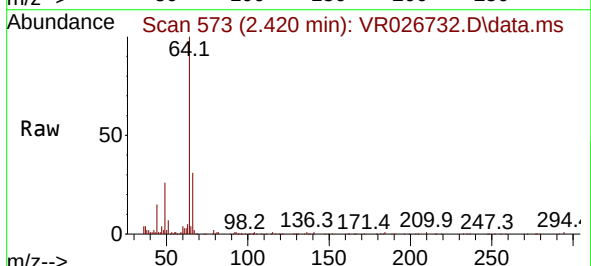
Instrument :
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ClientSampleId :
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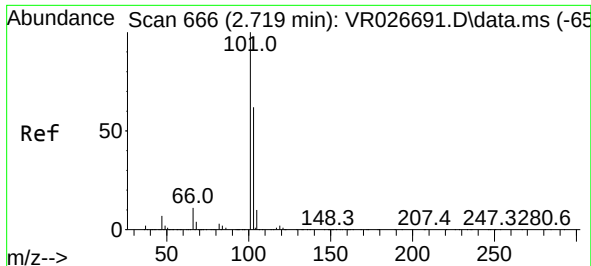
Tgt Ion: 94 Resp: 128156
Ion Ratio Lower Upper
94 100
96 96.4 73.3 109.9



#6
Chloroethane
Concen: 50.402 ug/l
RT: 2.420 min Scan# 573
Delta R.T. -0.013 min
Lab File: VR026732.D
Acq: 11 Aug 2025 9:27

Tgt Ion: 64 Resp: 149969
Ion Ratio Lower Upper
64 100
66 30.8 24.3 36.5

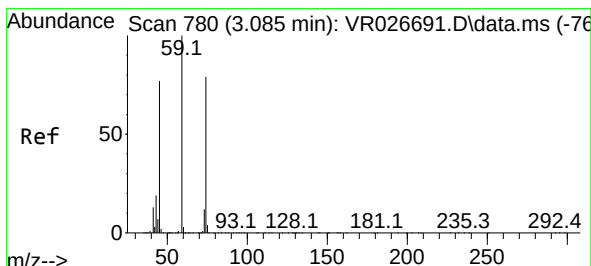
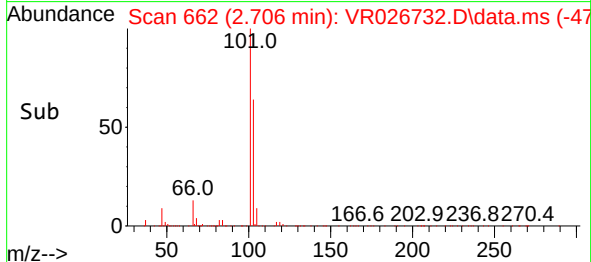
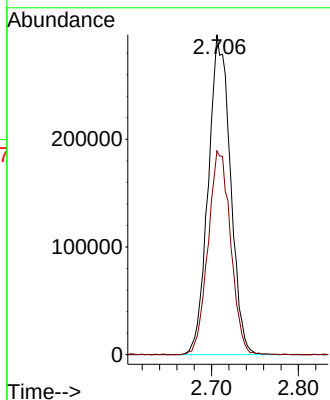
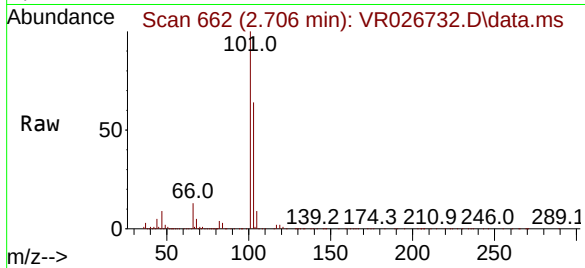




#7
 Trichlorofluoromethane
 Concen: 63.305 ug/l
 RT: 2.706 min Scan# 60
 Delta R.T. -0.013 min
 Lab File: VR026732.D
 Acq: 11 Aug 2025 9:27

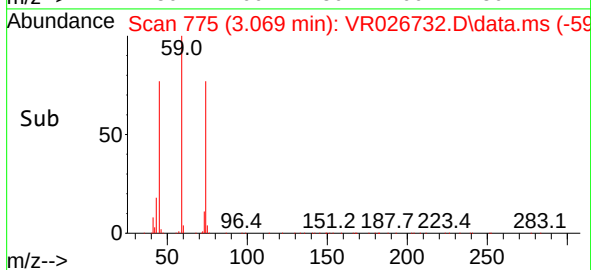
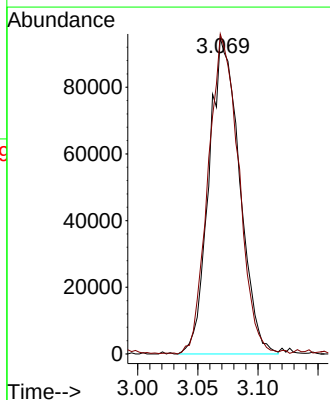
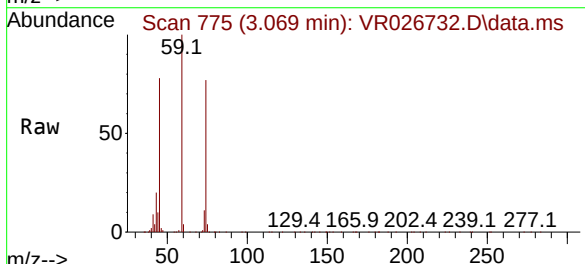
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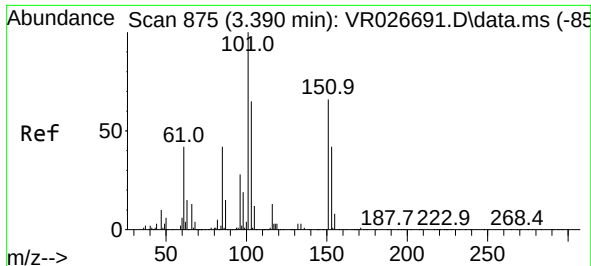
Tgt Ion:101 Resp: 527286
 Ion Ratio Lower Upper
 101 100
 103 63.6 49.4 74.2



#8
 Diethyl Ether
 Concen: 45.501 ug/l
 RT: 3.069 min Scan# 775
 Delta R.T. -0.016 min
 Lab File: VR026732.D
 Acq: 11 Aug 2025 9:27

Tgt Ion: 74 Resp: 168154
 Ion Ratio Lower Upper
 74 100
 45 100.7 47.1 141.3

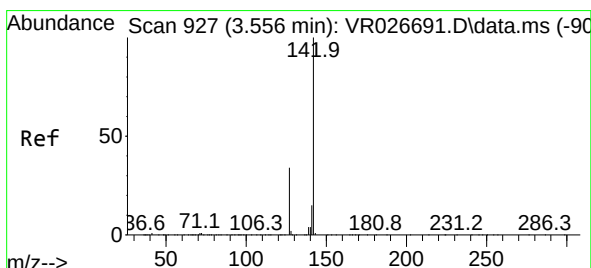
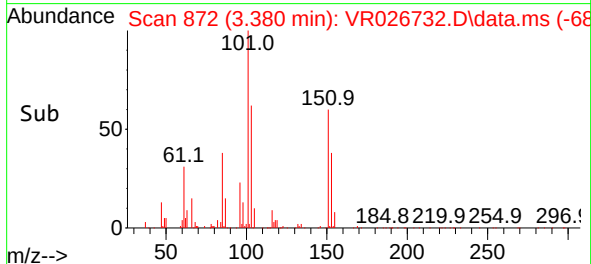
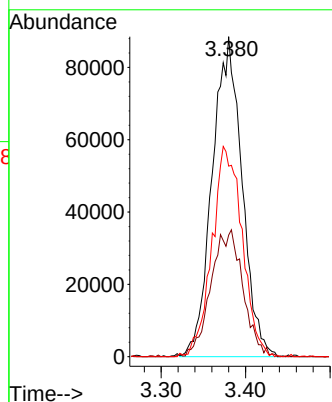
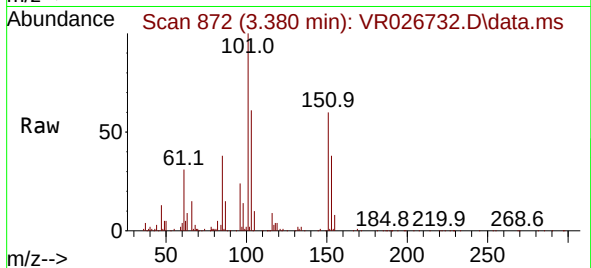




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.163 ug/l
RT: 3.380 min Scan# 81
Delta R.T. -0.010 min
Lab File: VR026732.D
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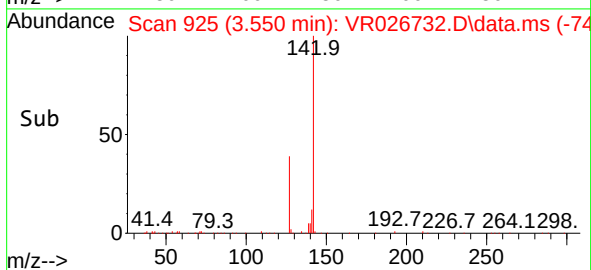
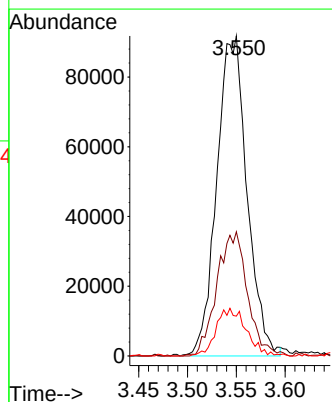
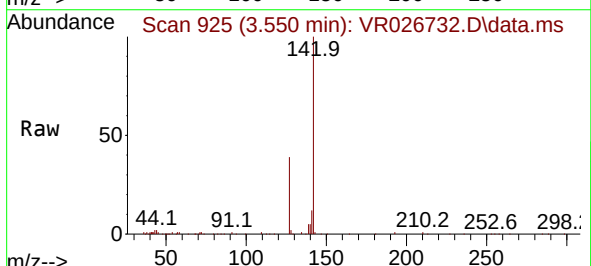
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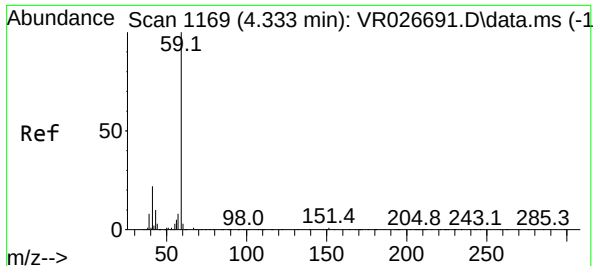
Tgt Ion:101 Resp: 216412
Ion Ratio Lower Upper
101 100
85 21.7 34.5 51.7#
151 66.5 53.4 80.0



#10
Methyl Iodide
Concen: 45.545 ug/l
RT: 3.550 min Scan# 925
Delta R.T. -0.006 min
Lab File: VR026732.D
Acq: 11 Aug 2025 9:27

Tgt Ion:142 Resp: 197509
Ion Ratio Lower Upper
142 100
127 39.3 30.1 45.1
141 14.8 10.8 16.2

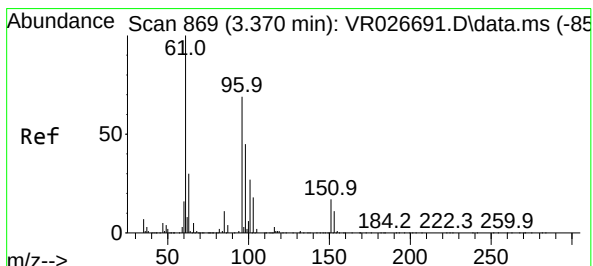
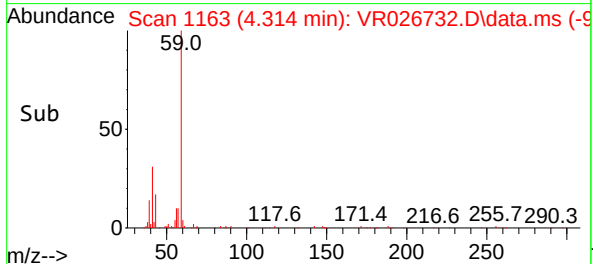
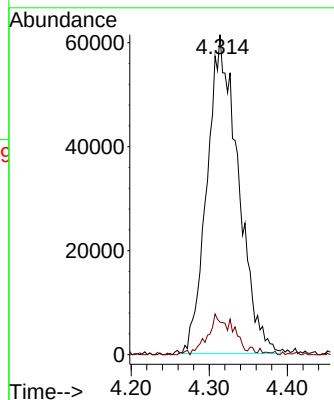
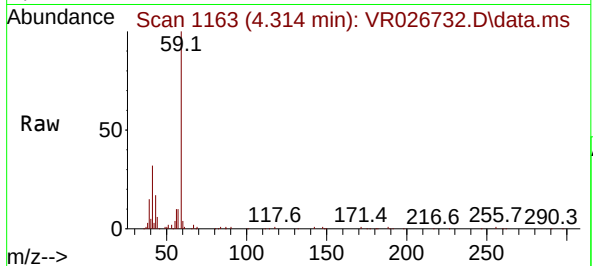




#11
Tert butyl alcohol
Concen: 206.172 ug/l
RT: 4.314 min Scan# 1163
Delta R.T. -0.019 min
Lab File: VR026732.D
Acq: 11 Aug 2025 9:27

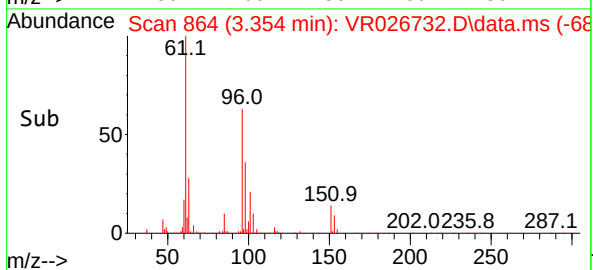
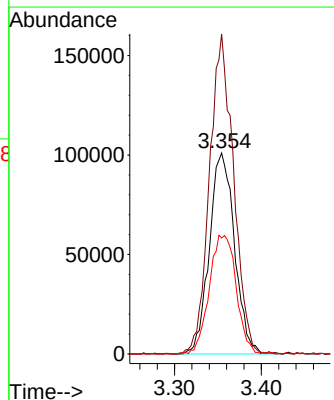
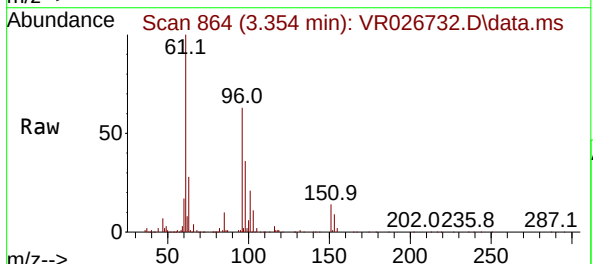
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050

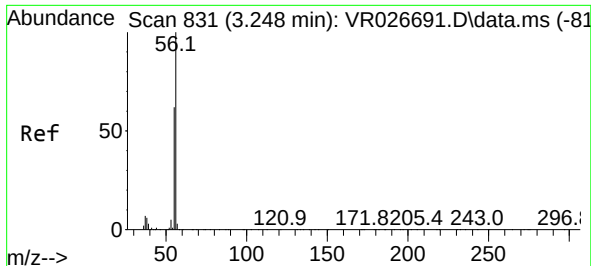
Tgt Ion: 59 Resp: 170420
Ion Ratio Lower Upper
59 100
57 7.0 7.7 11.5#



#12
1,1-Dichloroethene
Concen: 45.726 ug/l
RT: 3.354 min Scan# 864
Delta R.T. -0.016 min
Lab File: VR026732.D
Acq: 11 Aug 2025 9:27

Tgt Ion: 96 Resp: 203037
Ion Ratio Lower Upper
96 100
61 159.1 116.2 174.4
98 57.7 52.3 78.5

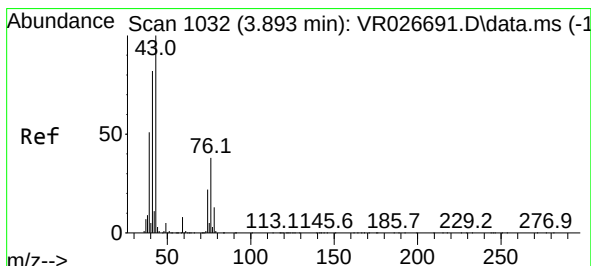
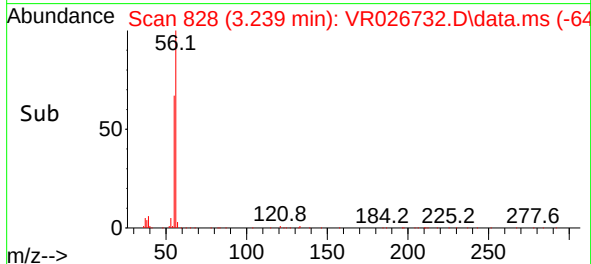
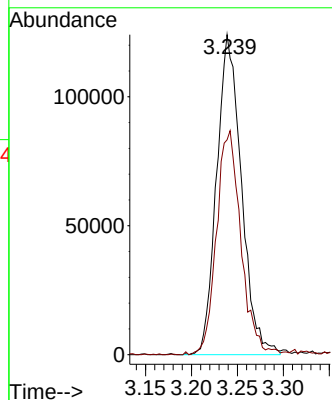
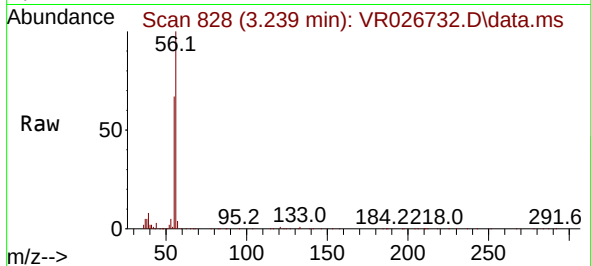




#13
Acrolein
Concen: 192.090 ug/l
RT: 3.239 min Scan# 81
Delta R.T. -0.010 min
Lab File: VR026732.D
Acq: 11 Aug 2025 9:27

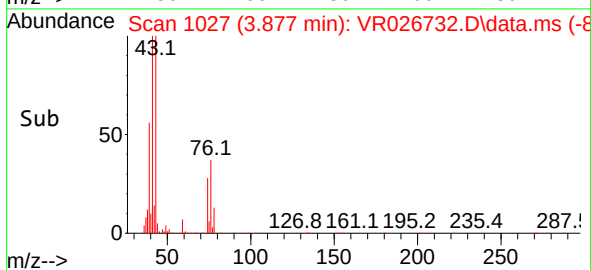
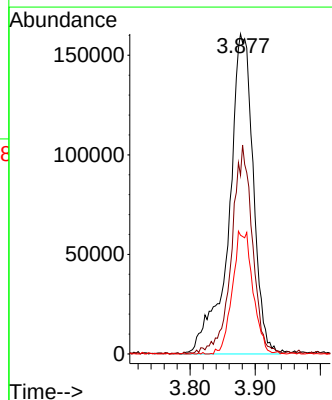
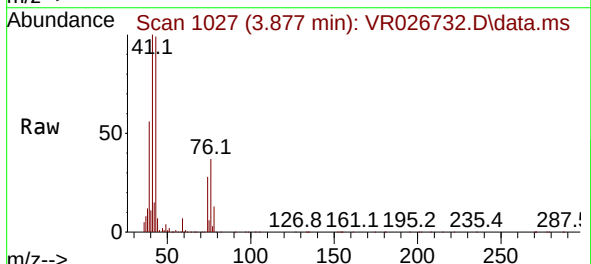
Instrument :
MSVOA_R
ClientSampleId :
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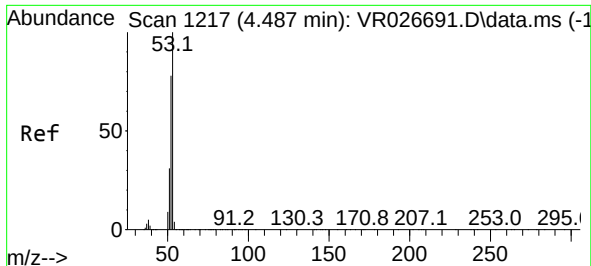
Tgt Ion: 56 Resp: 232103
Ion Ratio Lower Upper
56 100
55 69.0 53.8 80.8



#14
Allyl chloride
Concen: 47.819 ug/l
RT: 3.877 min Scan# 1027
Delta R.T. -0.016 min
Lab File: VR026732.D
Acq: 11 Aug 2025 9:27

Tgt Ion: 41 Resp: 417731
Ion Ratio Lower Upper
41 100
39 55.2 44.2 66.2
76 32.3 31.0 46.4

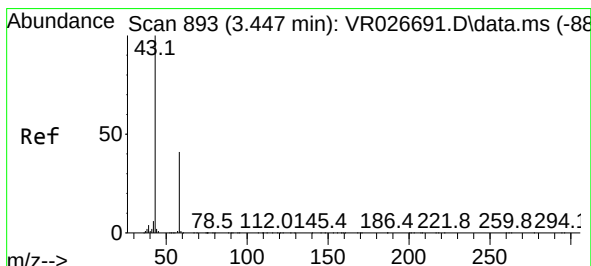
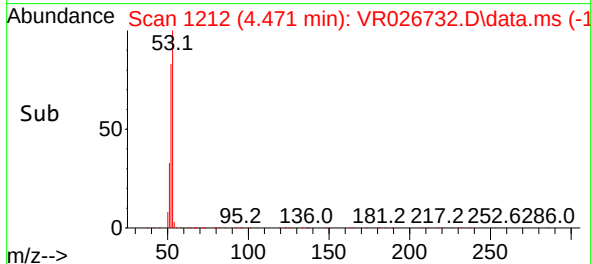
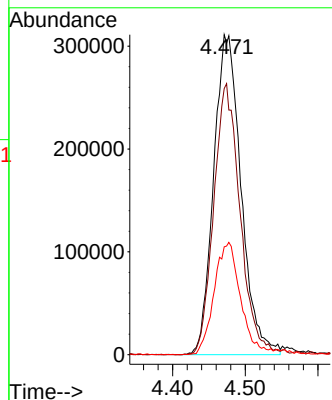
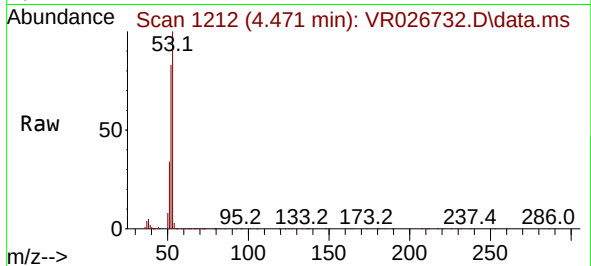




#15
Acrylonitrile
Concen: 248.853 ug/l
RT: 4.471 min Scan# 11
Delta R.T. -0.016 min
Lab File: VR026732.D
Acq: 11 Aug 2025 9:27

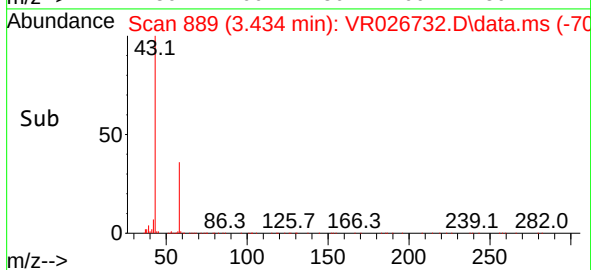
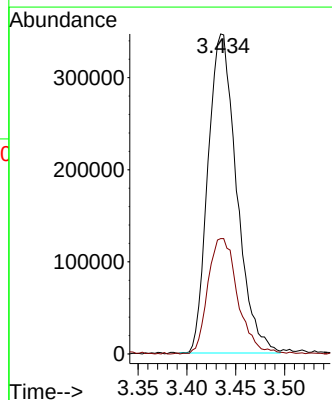
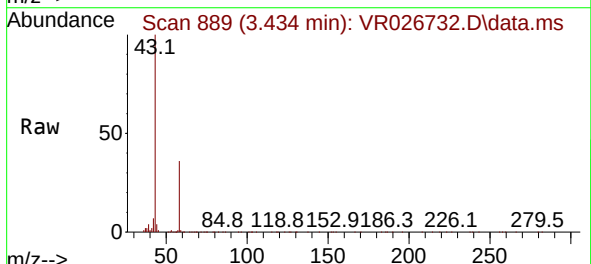
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050

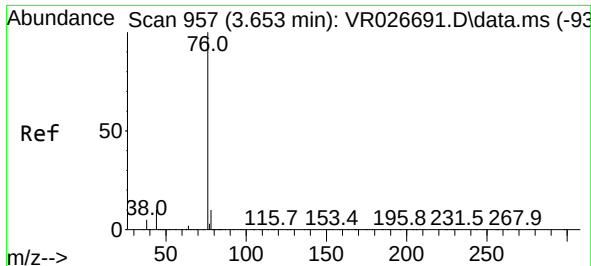
Tgt Ion: 53	Resp: 816536
Ion Ratio	Lower Upper
53 100	
52 81.2	61.4 92.2
51 33.8	25.8 38.6



#16
Acetone
Concen: 285.432 ug/l
RT: 3.434 min Scan# 889
Delta R.T. -0.013 min
Lab File: VR026732.D
Acq: 11 Aug 2025 9:27

Tgt Ion: 43	Resp: 707757
Ion Ratio	Lower Upper
43 100	
58 36.1	32.9 49.3

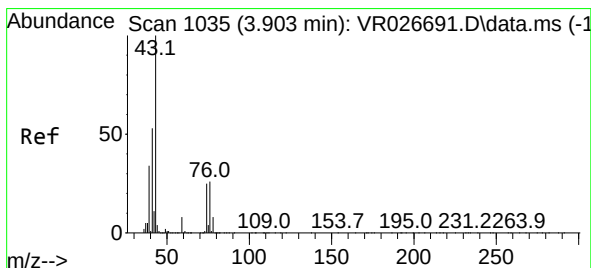
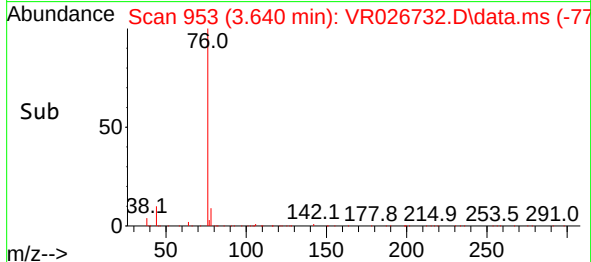
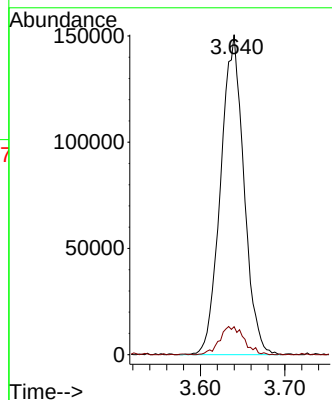
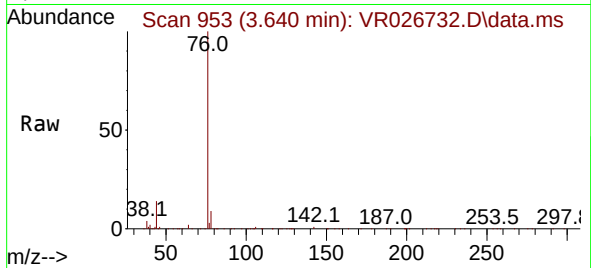




#17
Carbon Disulfide
Concen: 43.691 ug/l
RT: 3.640 min Scan# 91
Delta R.T. -0.013 min
Lab File: VR026732.D
Acq: 11 Aug 2025 9:27

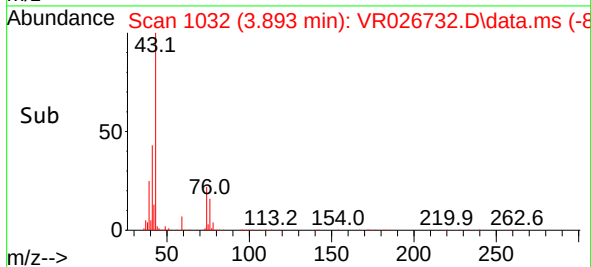
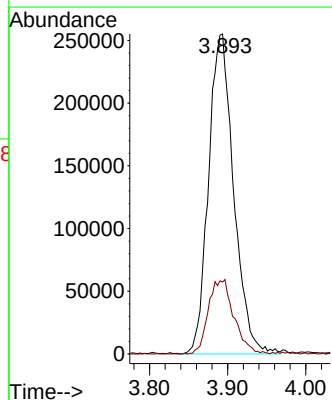
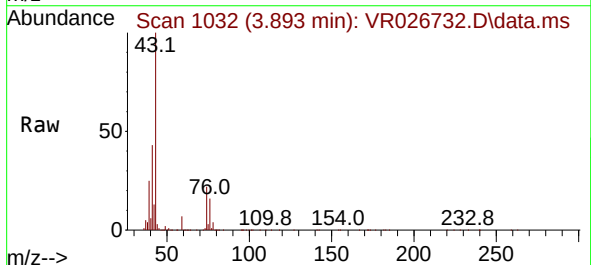
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050

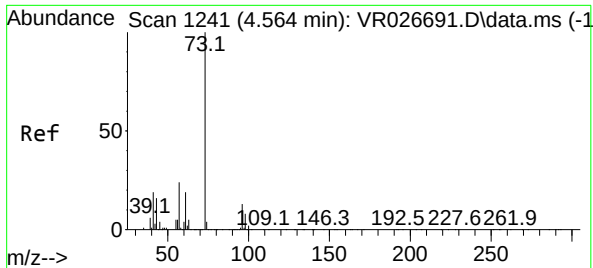
Tgt Ion: 76 Resp: 287175
Ion Ratio Lower Upper
76 100
78 8.6 7.8 11.6



#18
Methyl Acetate
Concen: 55.192 ug/l
RT: 3.893 min Scan# 1032
Delta R.T. -0.010 min
Lab File: VR026732.D
Acq: 11 Aug 2025 9:27

Tgt Ion: 43 Resp: 571188
Ion Ratio Lower Upper
43 100
74 23.6 19.4 29.0

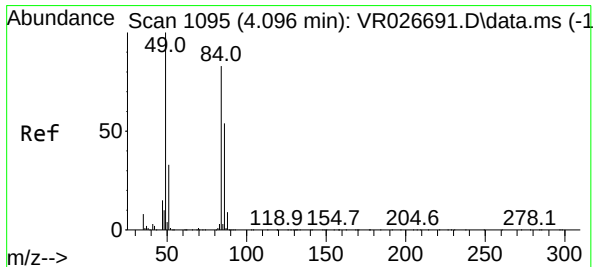
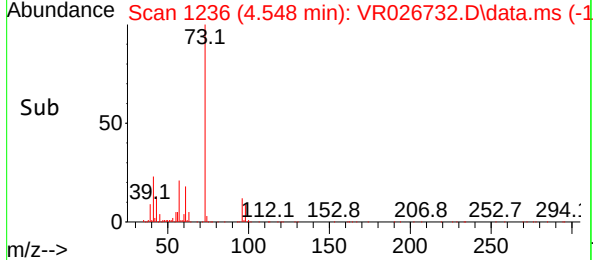
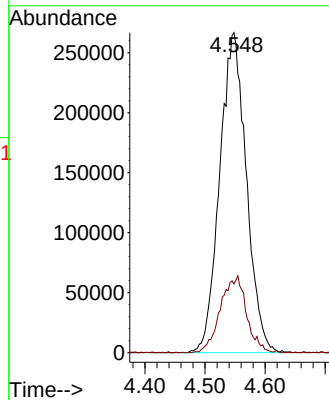
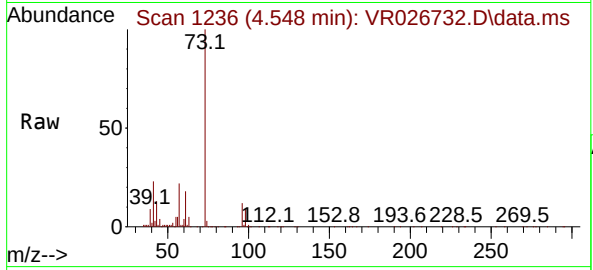




#19
Methyl tert-butyl Ether
Concen: 46.219 ug/l
RT: 4.548 min Scan# 11
Delta R.T. -0.016 min
Lab File: VR026732.D
Acq: 11 Aug 2025 9:27

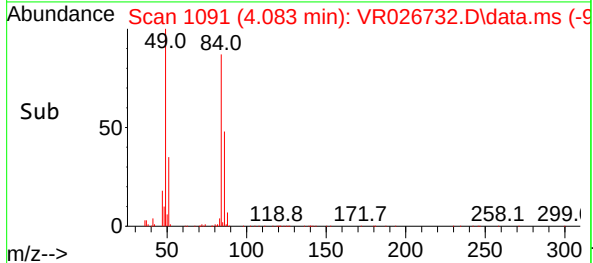
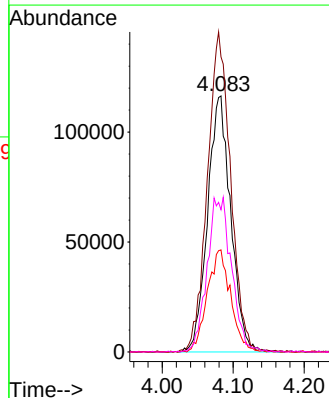
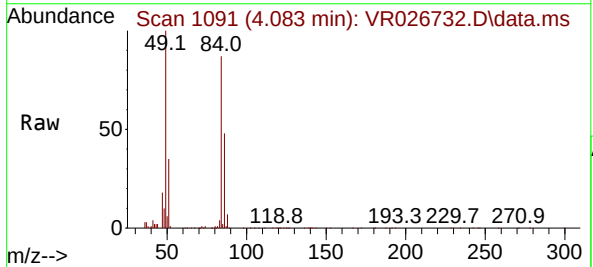
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050

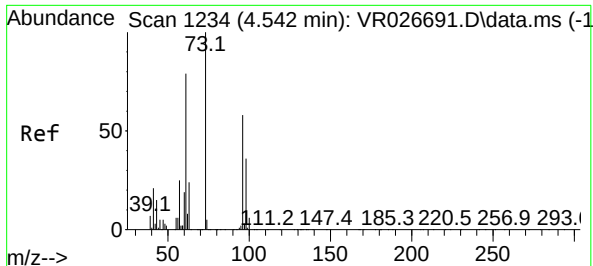
Tgt Ion: 73 Resp: 821294
Ion Ratio Lower Upper
73 100
57 21.5 19.4 29.0



#20
Methylene Chloride
Concen: 44.869 ug/l
RT: 4.083 min Scan# 1091
Delta R.T. -0.013 min
Lab File: VR026732.D
Acq: 11 Aug 2025 9:27

Tgt Ion: 84 Resp: 264025
Ion Ratio Lower Upper
84 100
49 114.8 96.2 144.4
51 39.9 31.8 47.6
86 55.5 52.3 78.5

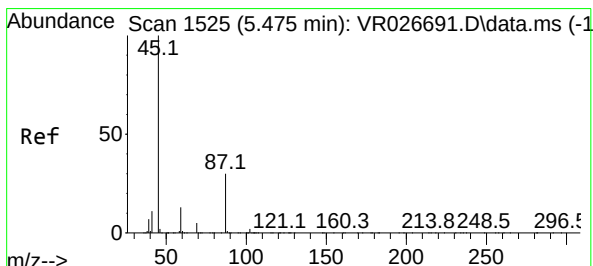
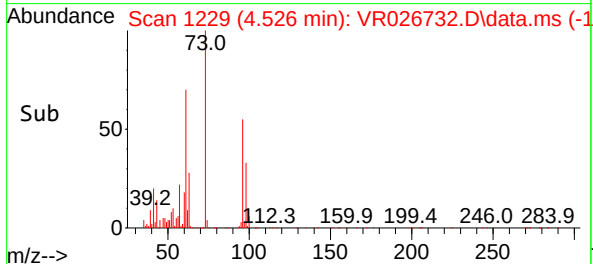
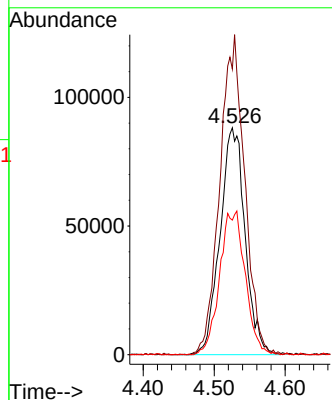
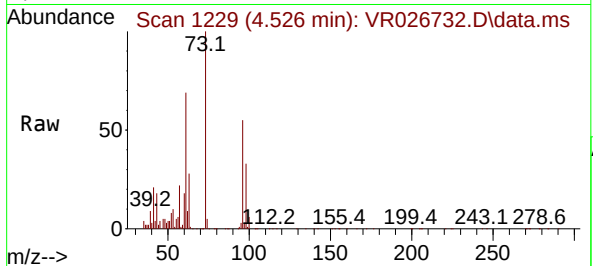




#21
trans-1,2-Dichloroethene
Concen: 44.290 ug/l
RT: 4.526 min Scan# 11
Delta R.T. -0.016 min
Lab File: VR026732.D
Acq: 11 Aug 2025 9:27

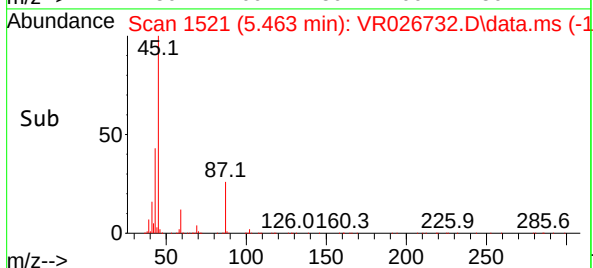
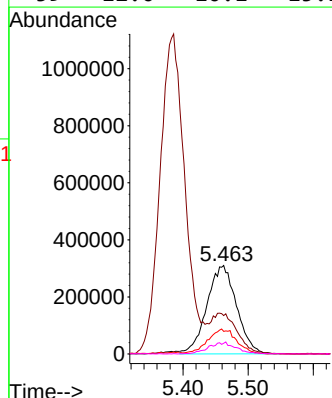
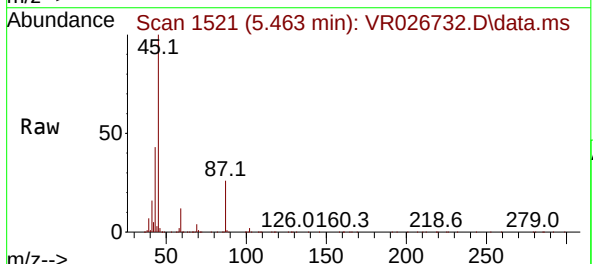
Instrument :
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ClientSampleId :
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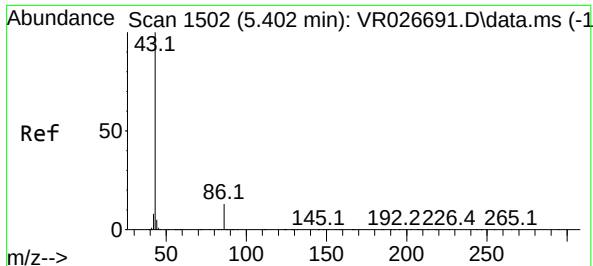
Tgt Ion: 96 Resp: 216189
Ion Ratio Lower Upper
96 100
61 125.6 110.3 165.5
98 59.3 50.2 75.4



#22
Diisopropyl ether
Concen: 47.809 ug/l
RT: 5.463 min Scan# 1521
Delta R.T. -0.013 min
Lab File: VR026732.D
Acq: 11 Aug 2025 9:27

Tgt Ion: 45 Resp: 978676
Ion Ratio Lower Upper
45 100
43 42.9 38.2 57.2
87 25.6 24.0 36.0
59 12.0 10.1 15.1

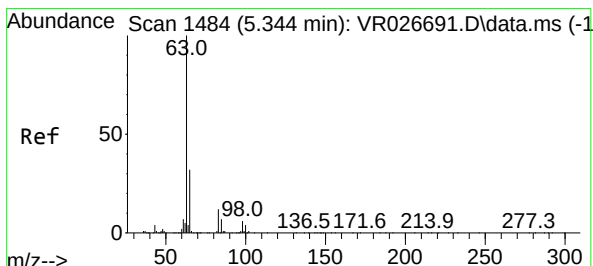
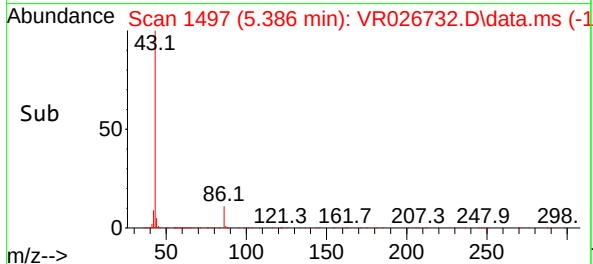
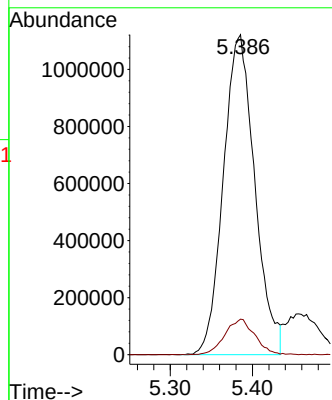
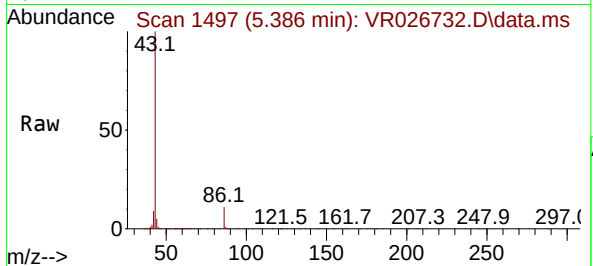




#23
 Vinyl Acetate
 Concen: 255.667 ug/l
 RT: 5.386 min Scan# 1497
 Delta R.T. -0.016 min
 Lab File: VR026732.D
 Acq: 11 Aug 2025 9:27

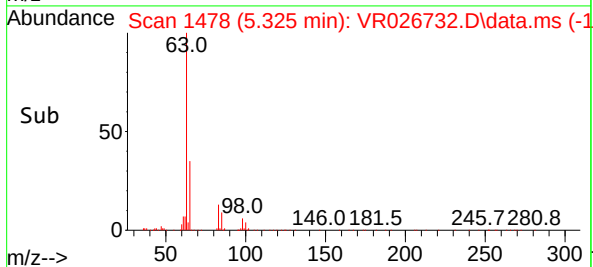
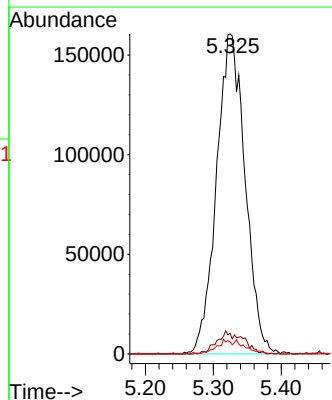
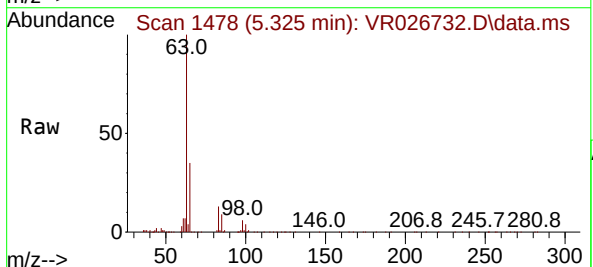
Instrument :
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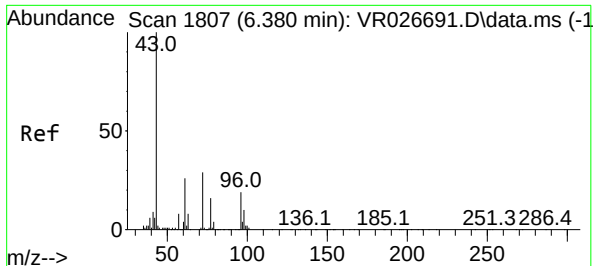
Tgt Ion: 43 Resp: 2984103
 Ion Ratio Lower Upper
 43 100
 86 11.1 10.7 16.1



#24
 1,1-Dichloroethane
 Concen: 45.252 ug/l
 RT: 5.325 min Scan# 1478
 Delta R.T. -0.019 min
 Lab File: VR026732.D
 Acq: 11 Aug 2025 9:27

Tgt Ion: 63 Resp: 469108
 Ion Ratio Lower Upper
 63 100
 98 6.5 2.9 8.8
 100 3.8 1.8 5.4

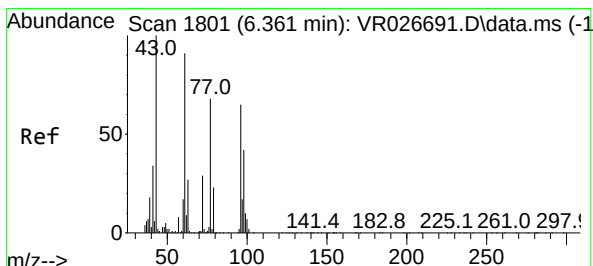
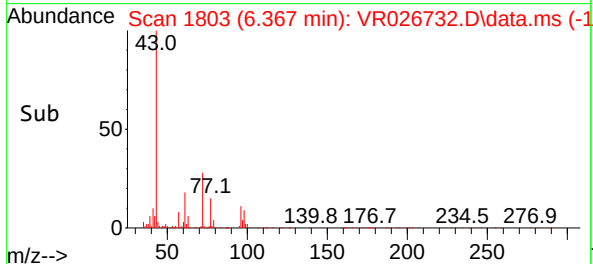
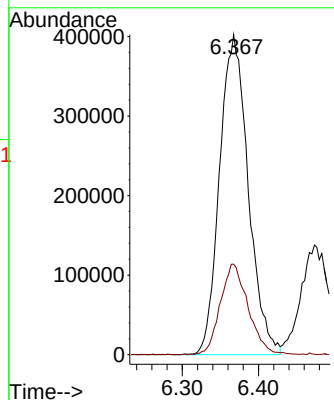
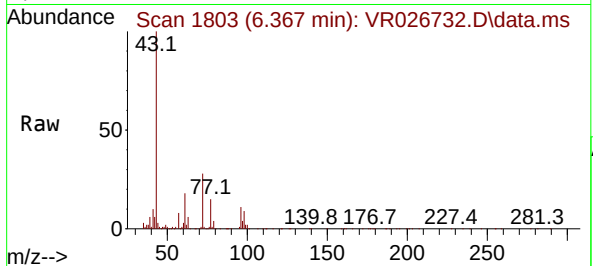




#25
2-Butanone
Concen: 273.787 ug/l
RT: 6.367 min Scan# 1797
Delta R.T. -0.013 min
Lab File: VR026732.D
Acq: 11 Aug 2025 9:27

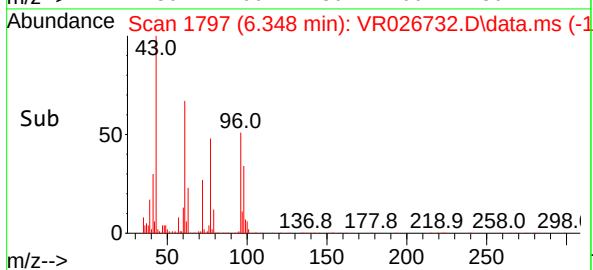
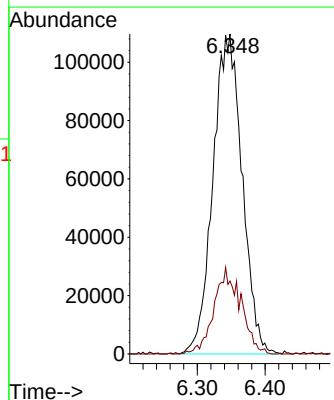
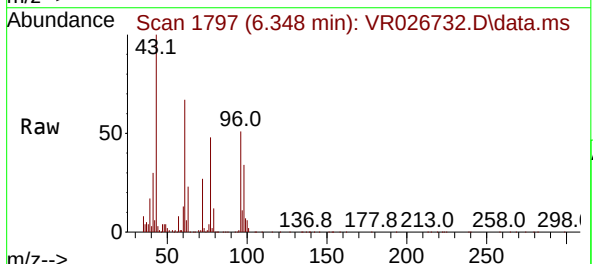
Instrument :
MSVOA_R
ClientSampleId :
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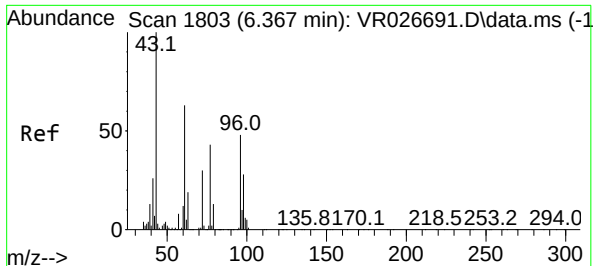
Tgt Ion: 43 Resp: 1050768
Ion Ratio Lower Upper
43 100
72 28.4 23.1 34.7



#26
2,2-Dichloropropane
Concen: 45.676 ug/l
RT: 6.348 min Scan# 1797
Delta R.T. -0.013 min
Lab File: VR026732.D
Acq: 11 Aug 2025 9:27

Tgt Ion: 77 Resp: 327338
Ion Ratio Lower Upper
77 100
97 24.7 12.3 36.8

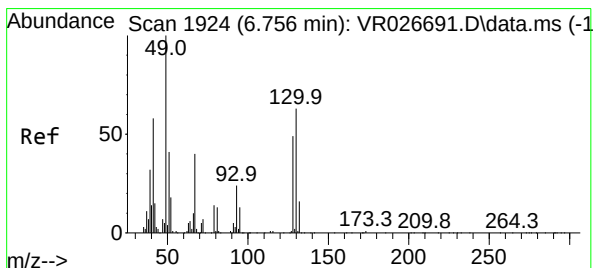
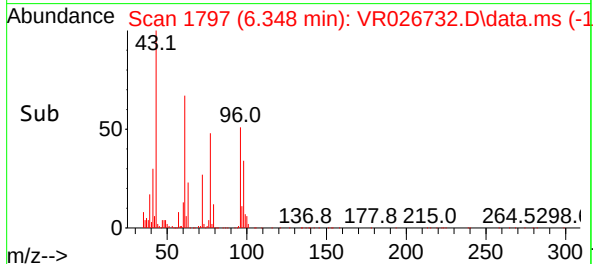
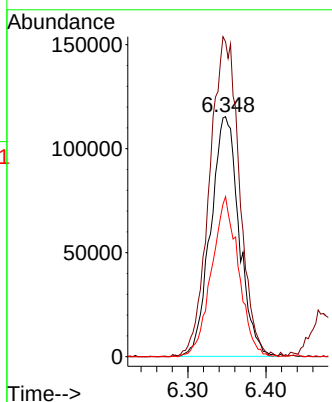
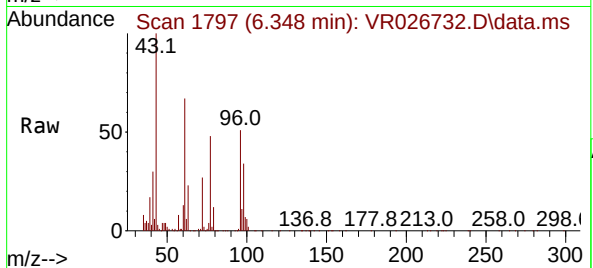




#27
 cis-1,2-Dichloroethene
 Concen: 46.479 ug/l
 RT: 6.348 min Scan# 11
 Delta R.T. -0.019 min
 Lab File: VR026732.D
 Acq: 11 Aug 2025 9:27

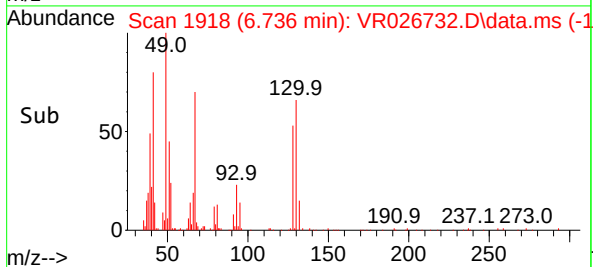
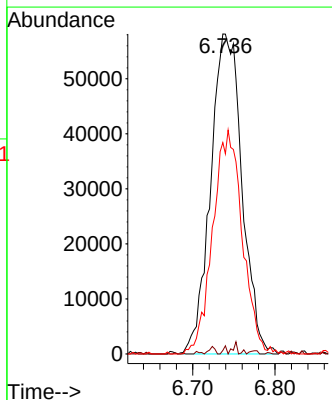
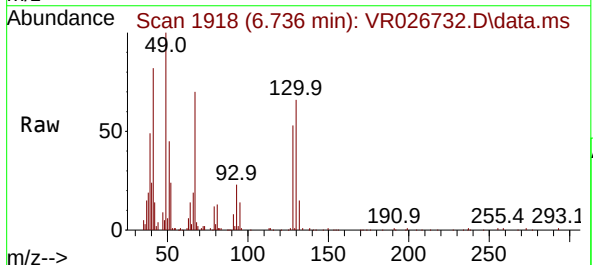
Instrument :
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 ClientSampleId :
 VSTDCCC050

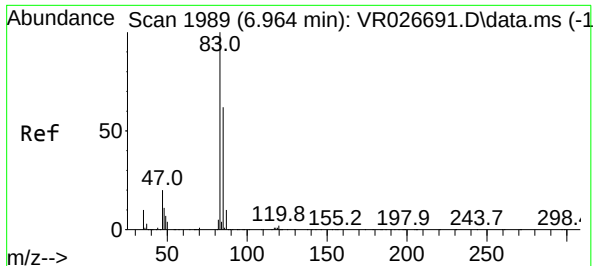
Tgt Ion: 96 Resp: 291885
 Ion Ratio Lower Upper
 96 100
 61 139.1 0.0 279.8
 98 63.4 0.0 125.2



#28
 Bromochloromethane
 Concen: 41.382 ug/l
 RT: 6.736 min Scan# 1918
 Delta R.T. -0.019 min
 Lab File: VR026732.D
 Acq: 11 Aug 2025 9:27

Tgt Ion: 49 Resp: 154583
 Ion Ratio Lower Upper
 49 100
 129 0.3 0.0 3.4
 130 65.4 52.2 78.4

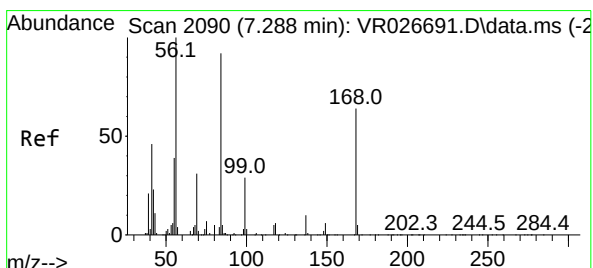
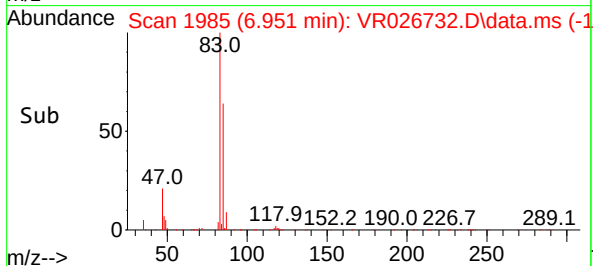
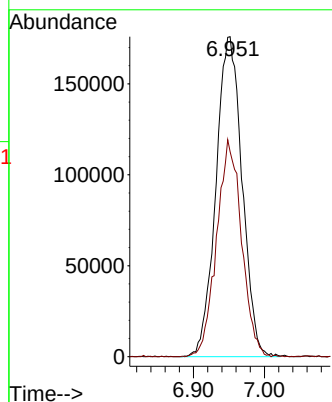
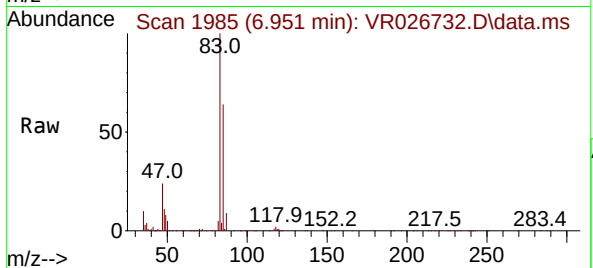




#29
Chloroform
Concen: 50.195 ug/l
RT: 6.951 min Scan# 1985
Delta R.T. -0.013 min
Lab File: VR026732.D
Acq: 11 Aug 2025 9:27

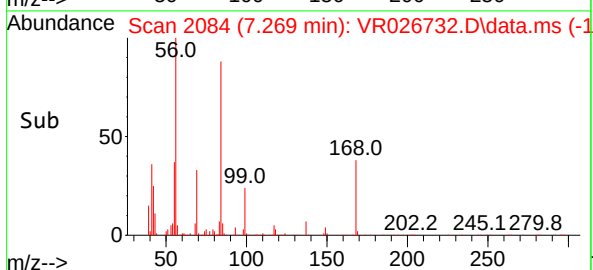
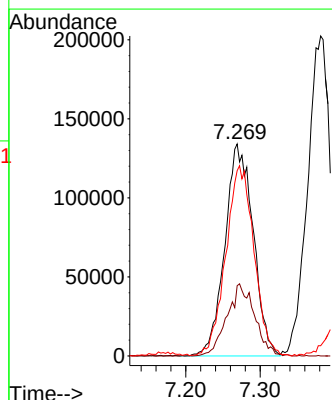
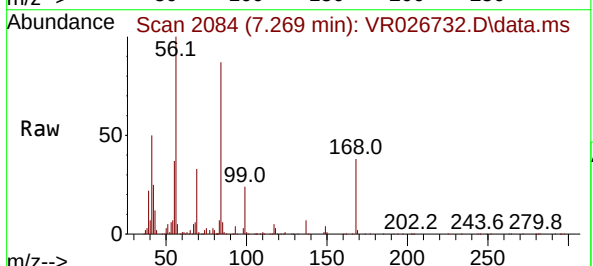
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050

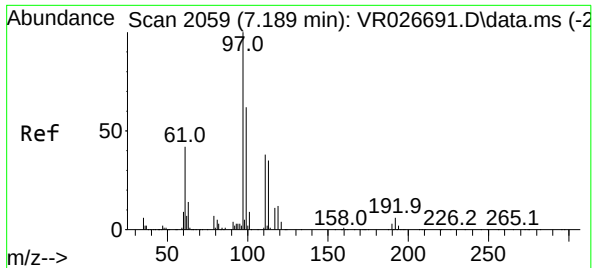
Tgt Ion: 83 Resp: 450737
Ion Ratio Lower Upper
83 100
85 64.1 49.6 74.4



#30
Cyclohexane
Concen: 42.266 ug/l
RT: 7.269 min Scan# 2084
Delta R.T. -0.019 min
Lab File: VR026732.D
Acq: 11 Aug 2025 9:27

Tgt Ion: 56 Resp: 353840
Ion Ratio Lower Upper
56 100
69 33.2 24.8 37.2
84 86.6 73.1 109.7

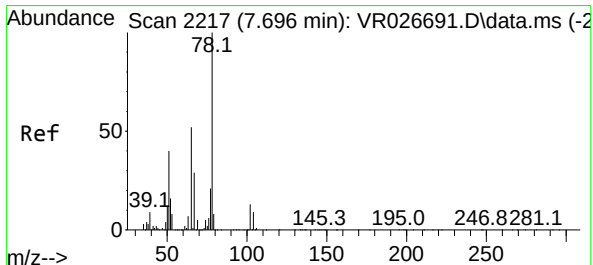
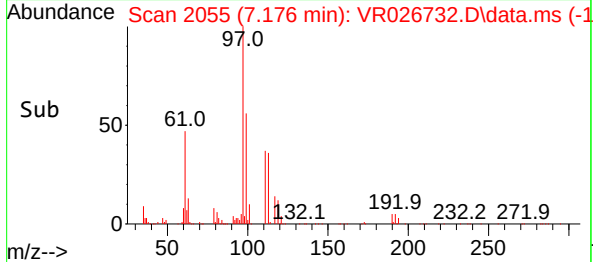
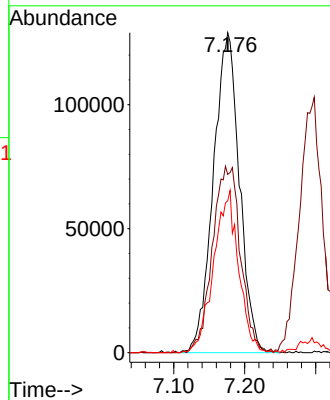
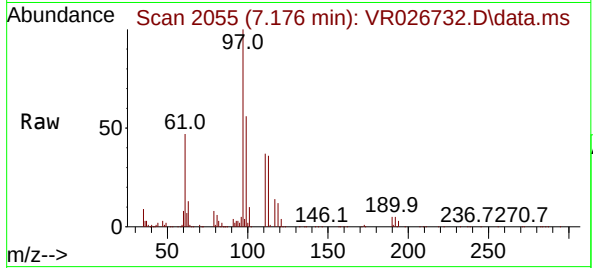




#31
1,1,1-Trichloroethane
Concen: 50.727 ug/l
RT: 7.176 min Scan# 2055
Delta R.T. -0.013 min
Lab File: VR026732.D
Acq: 11 Aug 2025 9:27

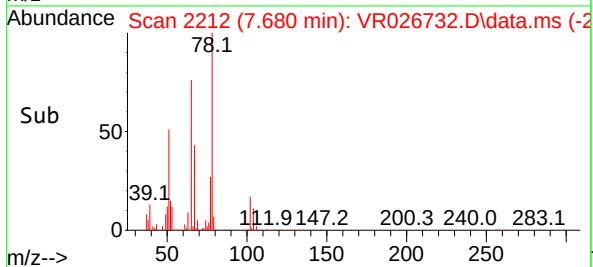
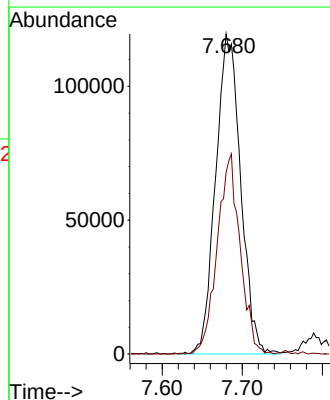
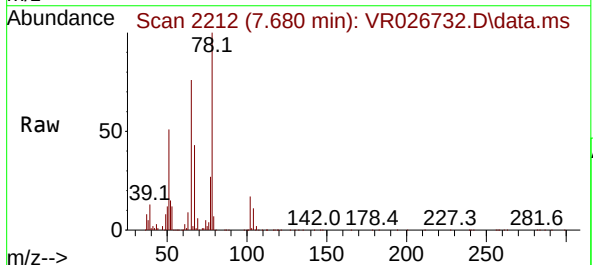
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050

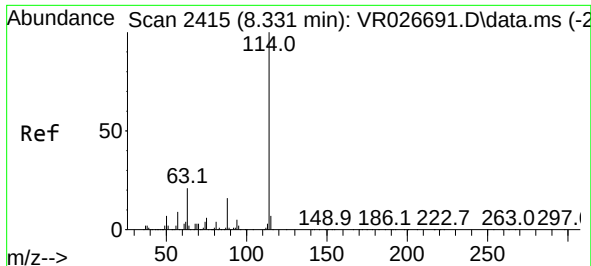
Tgt Ion: 97 Resp: 329049
Ion Ratio Lower Upper
97 100
99 62.7 51.0 76.6
61 48.5 36.3 54.5



#32
1,2-Dichloroethane-d4
Concen: 49.010 ug/l
RT: 7.680 min Scan# 2212
Delta R.T. -0.016 min
Lab File: VR026732.D
Acq: 11 Aug 2025 9:27

Tgt Ion: 65 Resp: 258925
Ion Ratio Lower Upper
65 100
67 57.0 0.0 118.4





#33

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.325 min Scan# 2415

Delta R.T. -0.006 min

Lab File: VR026732.D

Acq: 11 Aug 2025 9:27

Instrument :

MSVOA_R

ClientSampleId :

VSTDCCC050

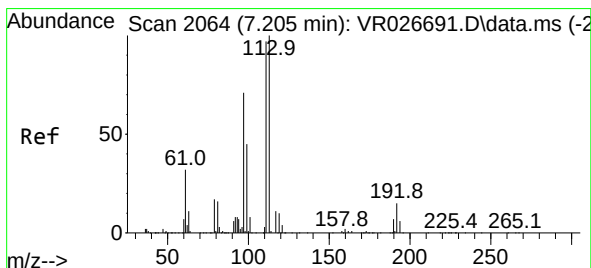
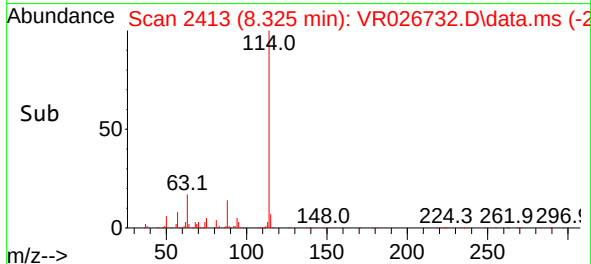
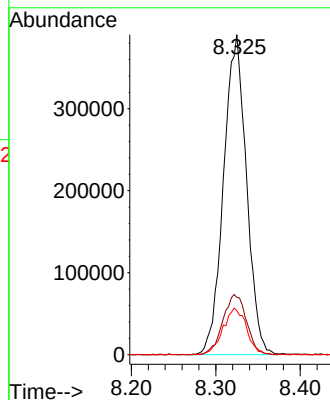
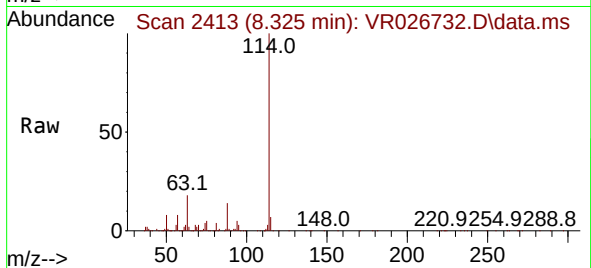
Tgt Ion:114 Resp: 733376

Ion Ratio Lower Upper

114 100

63 17.9 0.0 41.6

88 13.8 0.0 32.6



#34

Dibromofluoromethane

Concen: 50.112 ug/l

RT: 7.195 min Scan# 2061

Delta R.T. -0.010 min

Lab File: VR026732.D

Acq: 11 Aug 2025 9:27

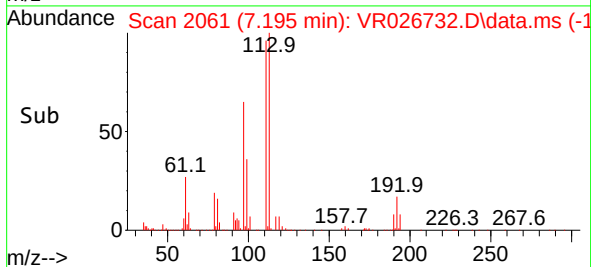
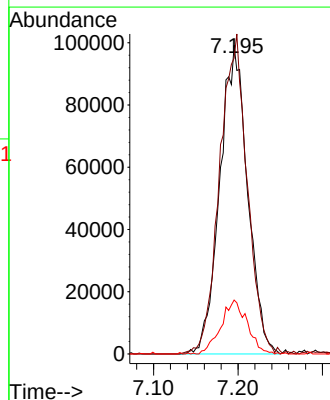
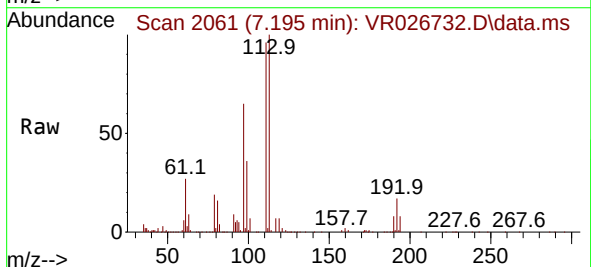
Tgt Ion:113 Resp: 227306

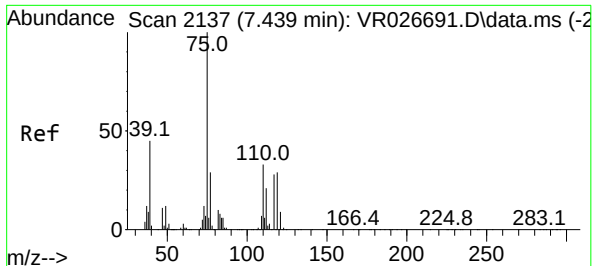
Ion Ratio Lower Upper

113 100

111 101.9 81.7 122.5

192 16.5 12.3 18.5





#35

1,1-Dichloropropene

Concen: 51.152 ug/l

RT: 7.423 min Scan# 2137

Delta R.T. -0.016 min

Lab File: VR026732.D

Acq: 11 Aug 2025 9:27

Instrument :

MSVOA_R

ClientSampleId :

VSTDCCC050

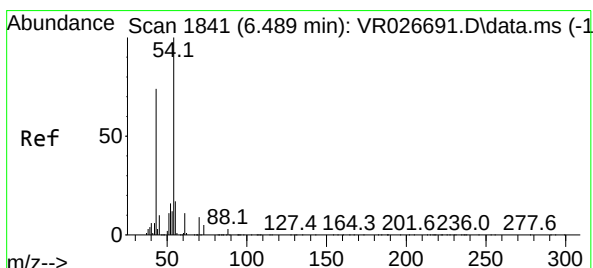
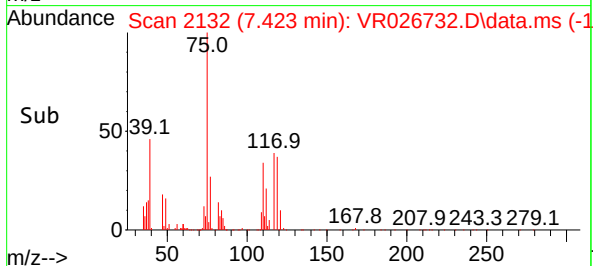
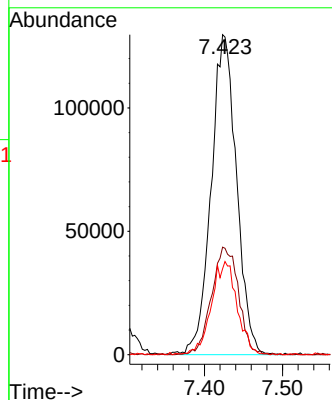
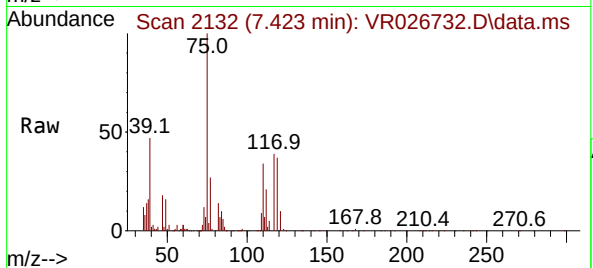
Tgt Ion: 75 Resp: 292707

Ion Ratio Lower Upper

75 100

110 35.6 17.0 50.9

77 29.5 24.6 37.0



#36

Ethyl Acetate

Concen: 51.046 ug/l

RT: 6.473 min Scan# 1836

Delta R.T. -0.016 min

Lab File: VR026732.D

Acq: 11 Aug 2025 9:27

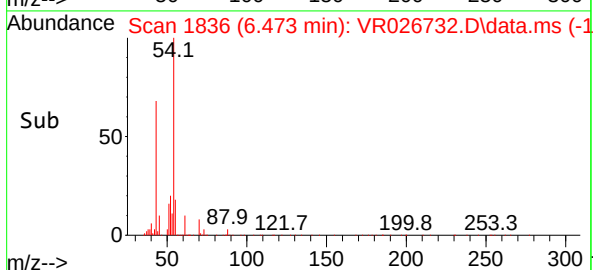
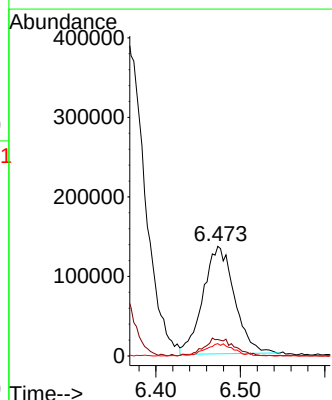
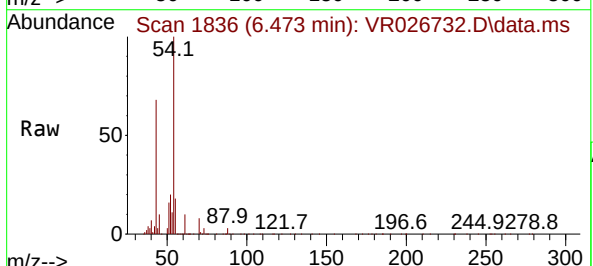
Tgt Ion: 43 Resp: 349699

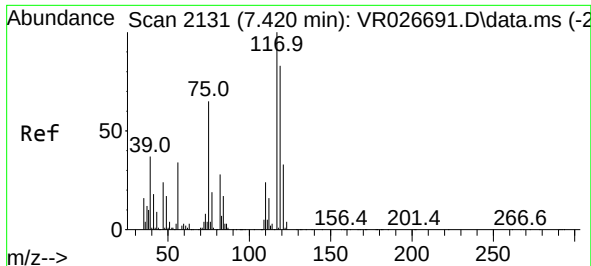
Ion Ratio Lower Upper

43 100

61 15.2 12.0 18.0

70 9.6 9.0 13.6

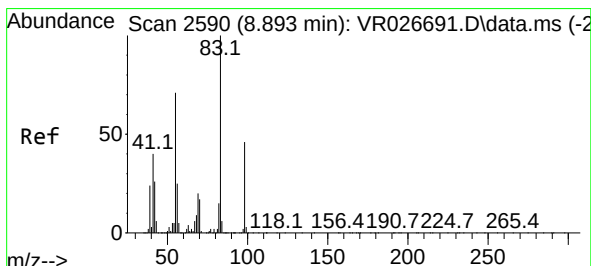
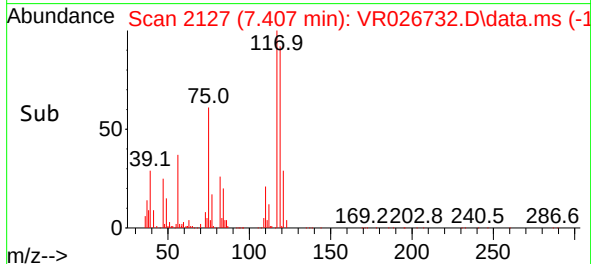
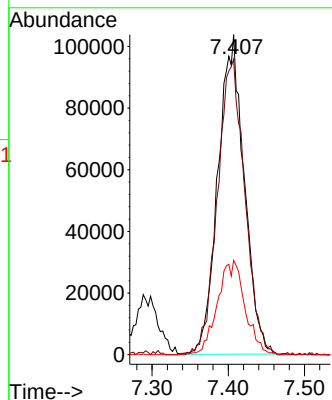
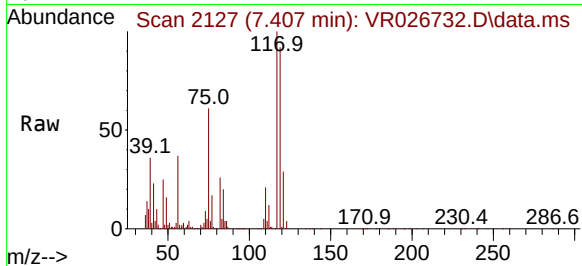




#37
Carbon Tetrachloride
Concen: 53.056 ug/l
RT: 7.407 min Scan# 2131
Delta R.T. -0.013 min
Lab File: VR026732.D
Acq: 11 Aug 2025 9:27

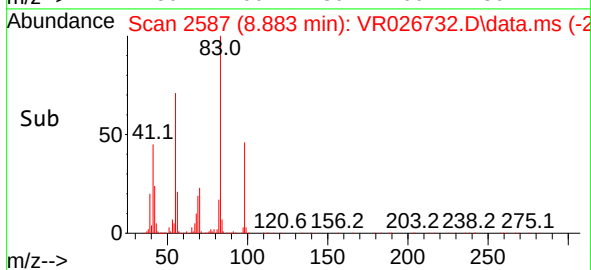
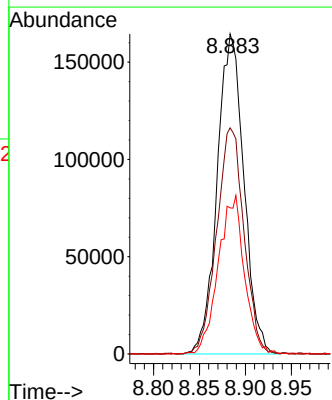
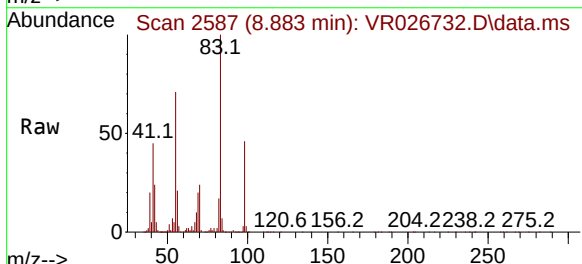
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050

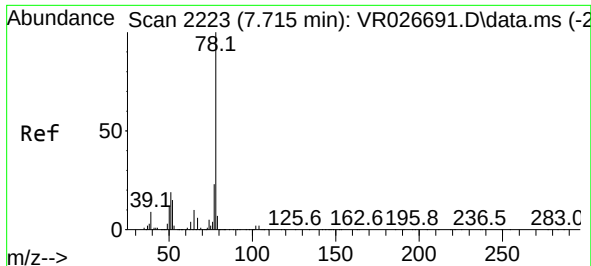
Tgt Ion:117 Resp: 247263
Ion Ratio Lower Upper
117 100
119 92.5 67.0 100.4
121 29.5 26.3 39.5



#38
Methylcyclohexane
Concen: 50.699 ug/l
RT: 8.883 min Scan# 2587
Delta R.T. -0.010 min
Lab File: VR026732.D
Acq: 11 Aug 2025 9:27

Tgt Ion: 83 Resp: 332091
Ion Ratio Lower Upper
83 100
55 70.7 56.7 85.1
98 45.7 36.7 55.1

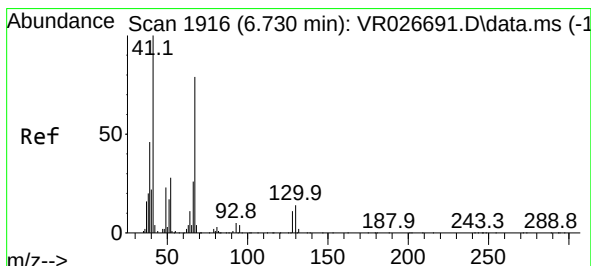
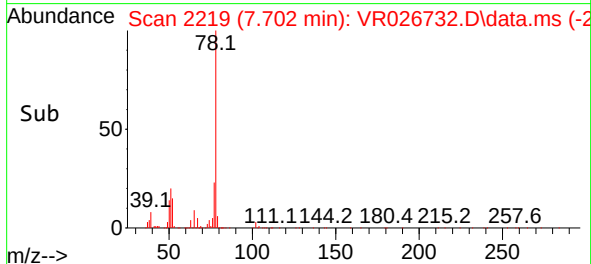
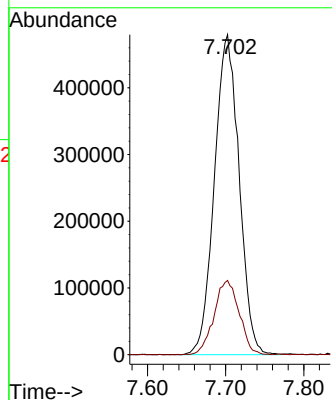
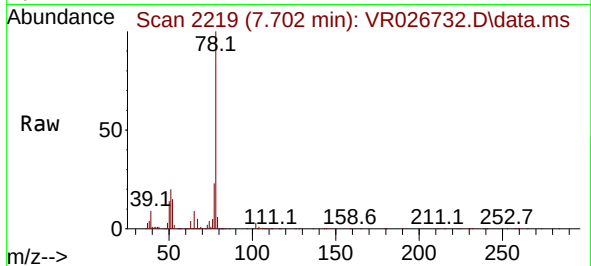




#39
Benzene
Concen: 51.099 ug/l
RT: 7.702 min Scan# 211
Delta R.T. -0.013 min
Lab File: VR026732.D
Acq: 11 Aug 2025 9:27

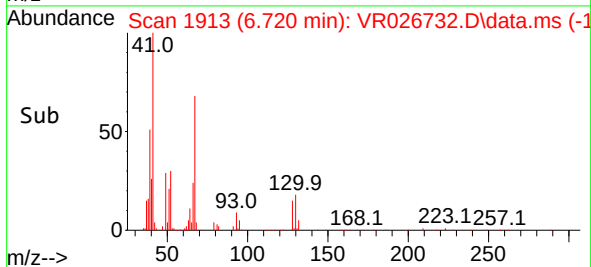
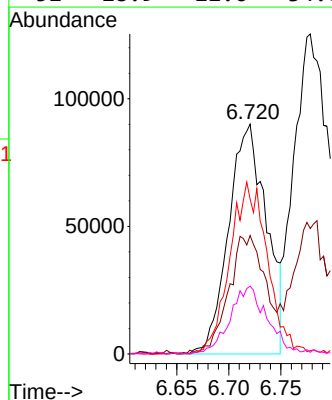
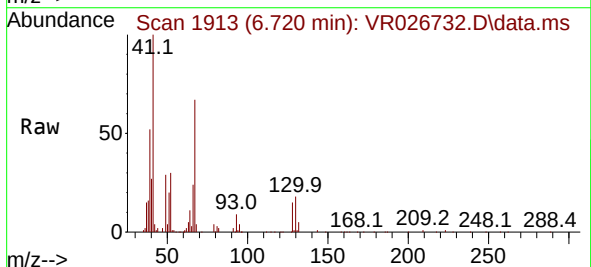
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050

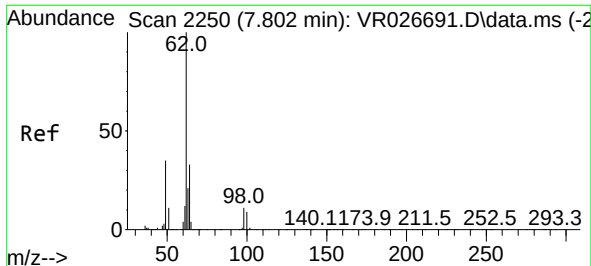
Tgt Ion: 78 Resp: 1053003
Ion Ratio Lower Upper
78 100
77 23.2 18.8 28.2



#40
Methacrylonitrile
Concen: 53.496 ug/l
RT: 6.720 min Scan# 1913
Delta R.T. -0.010 min
Lab File: VR026732.D
Acq: 11 Aug 2025 9:27

Tgt Ion: 41 Resp: 227756
Ion Ratio Lower Upper
41 100
39 49.3 42.4 63.6
67 74.3 65.6 98.4
52 28.9 22.6 34.0

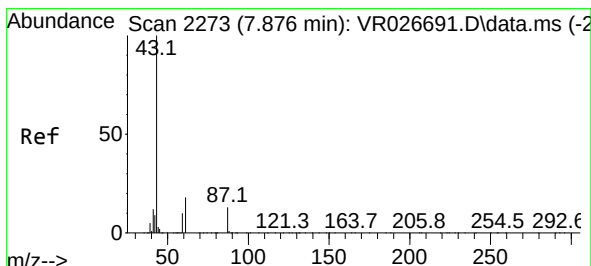
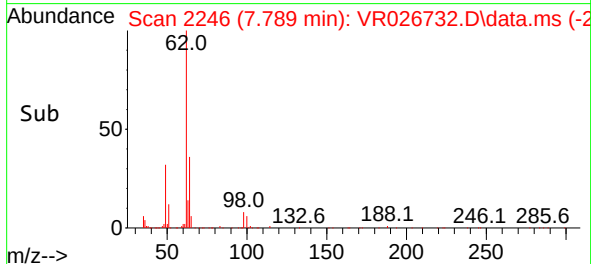
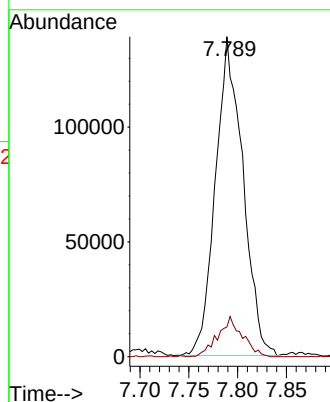
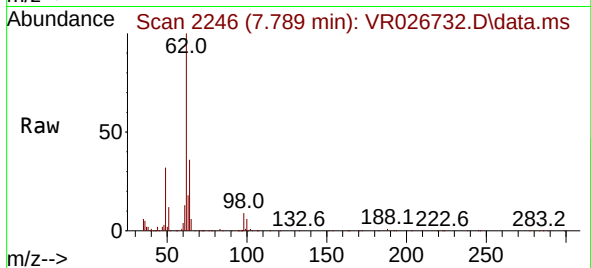




#41
1,2-Dichloroethane
Concen: 51.563 ug/l
RT: 7.789 min Scan# 21
Delta R.T. -0.013 min
Lab File: VR026732.D
Acq: 11 Aug 2025 9:27

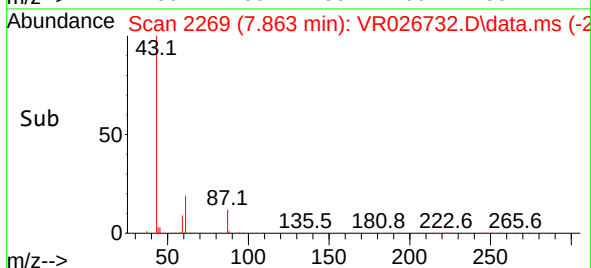
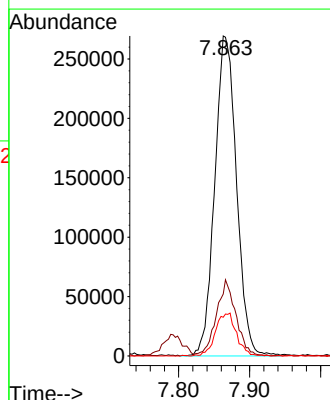
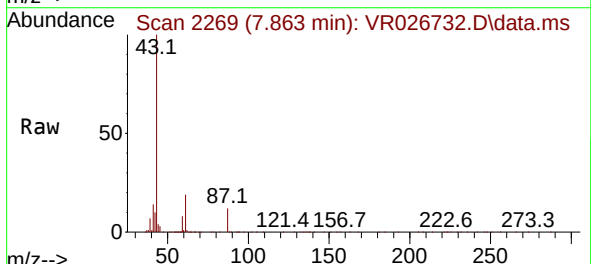
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050

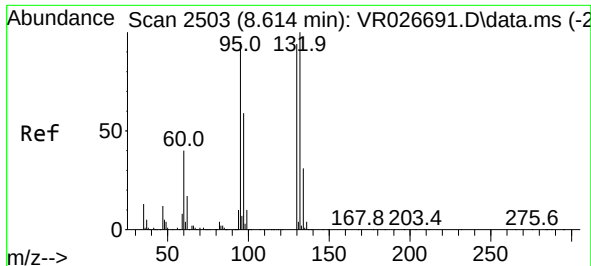
Tgt Ion: 62 Resp: 270265
Ion Ratio Lower Upper
62 100
98 11.2 0.0 22.2



#42
Isopropyl Acetate
Concen: 52.116 ug/l
RT: 7.863 min Scan# 2269
Delta R.T. -0.013 min
Lab File: VR026732.D
Acq: 11 Aug 2025 9:27

Tgt Ion: 43 Resp: 574086
Ion Ratio Lower Upper
43 100
61 21.3 17.9 26.9
87 12.9 10.8 16.2

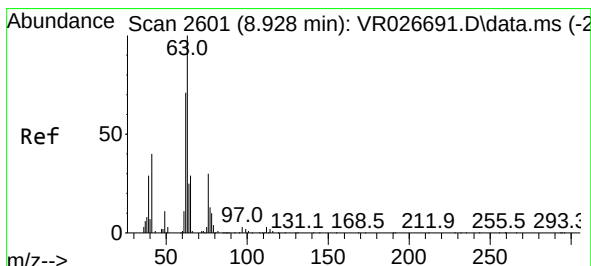
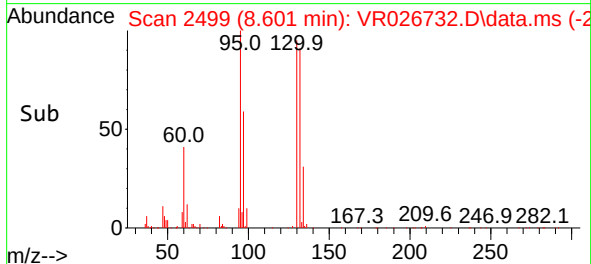
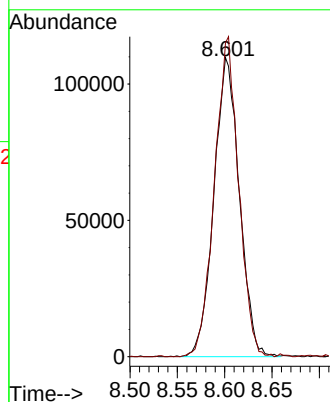
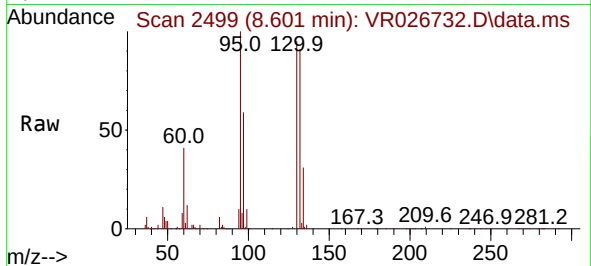




#43
Trichloroethene
Concen: 51.735 ug/l
RT: 8.601 min Scan# 2499
Delta R.T. -0.013 min
Lab File: VR026732.D
Acq: 11 Aug 2025 9:27

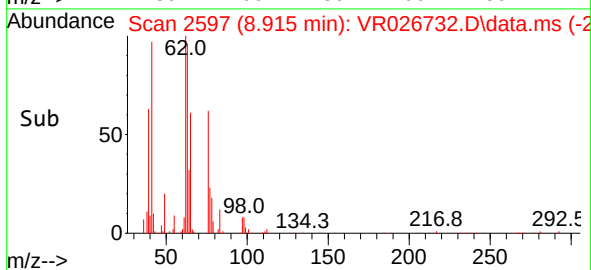
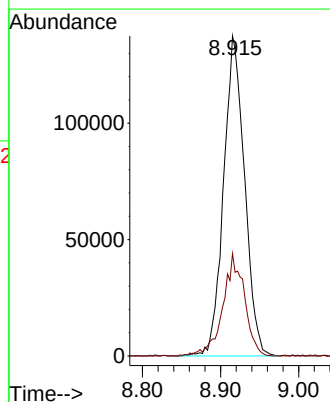
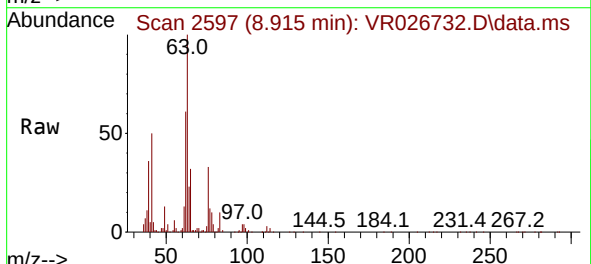
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050

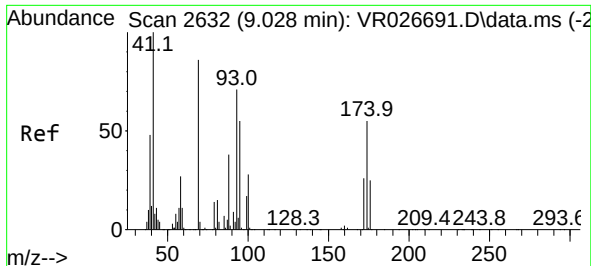
Tgt Ion:130 Resp: 205026
Ion Ratio Lower Upper
130 100
95 105.0 0.0 200.6



#44
1,2-Dichloropropane
Concen: 52.619 ug/l
RT: 8.915 min Scan# 2597
Delta R.T. -0.013 min
Lab File: VR026732.D
Acq: 11 Aug 2025 9:27

Tgt Ion: 63 Resp: 256601
Ion Ratio Lower Upper
63 100
65 32.0 23.8 35.8

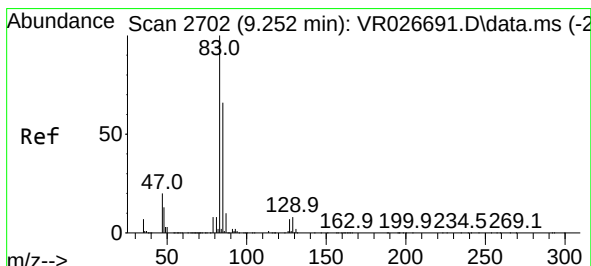
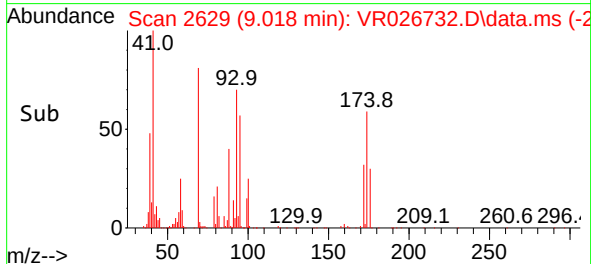
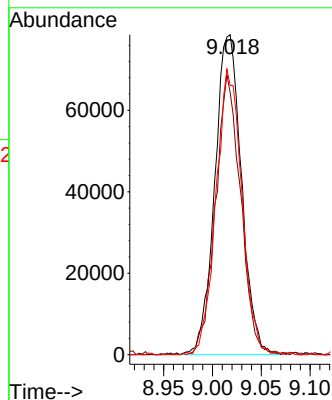
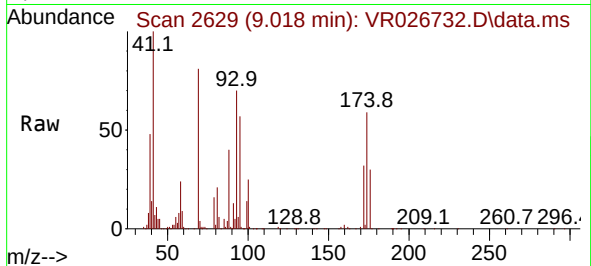




#45
Dibromomethane
Concen: 54.908 ug/l
RT: 9.018 min Scan# 2629
Delta R.T. -0.010 min
Lab File: VR026732.D
Acq: 11 Aug 2025 9:27

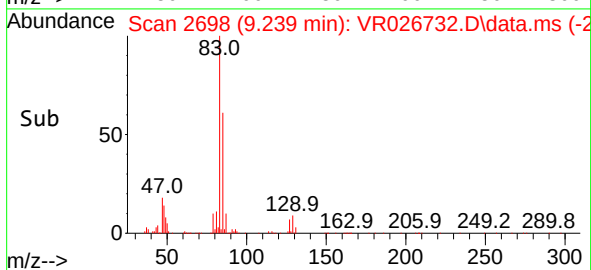
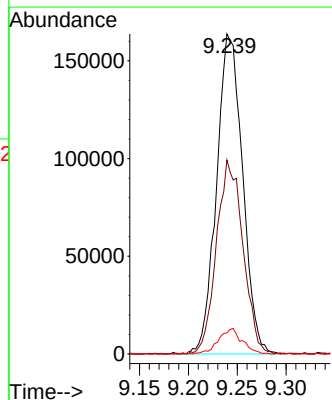
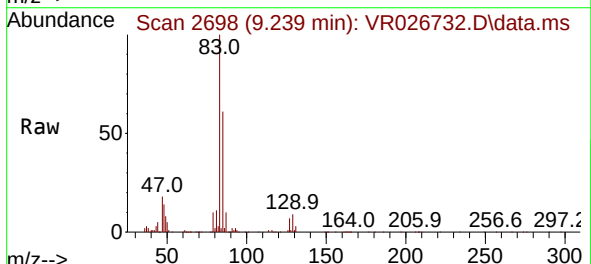
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050

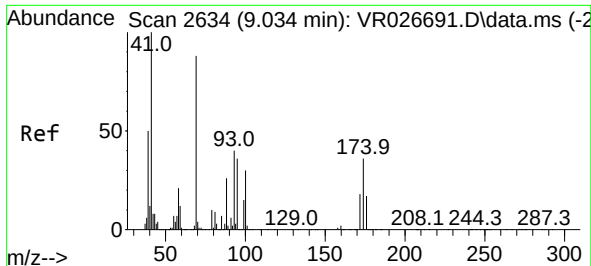
Tgt Ion: 93 Resp: 148915
Ion Ratio Lower Upper
93 100
95 82.3 69.4 104.0
174 86.4 66.9 100.3



#46
Bromodichloromethane
Concen: 57.790 ug/l
RT: 9.239 min Scan# 2698
Delta R.T. -0.013 min
Lab File: VR026732.D
Acq: 11 Aug 2025 9:27

Tgt Ion: 83 Resp: 303674
Ion Ratio Lower Upper
83 100
85 60.6 52.6 78.8
127 6.6 5.5 8.3

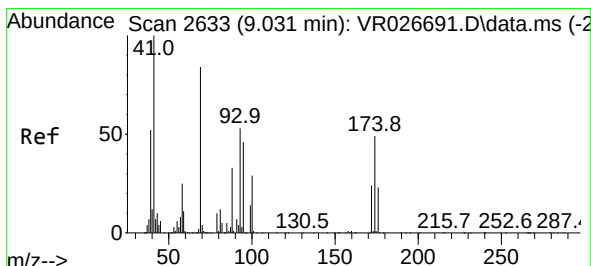
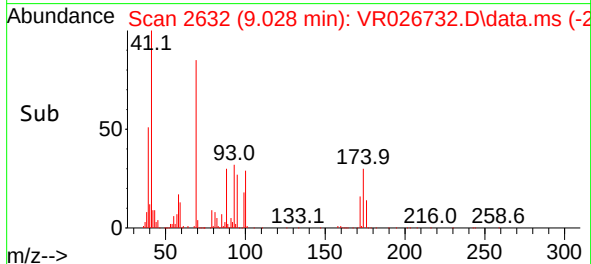
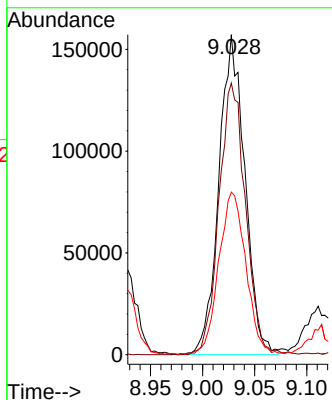
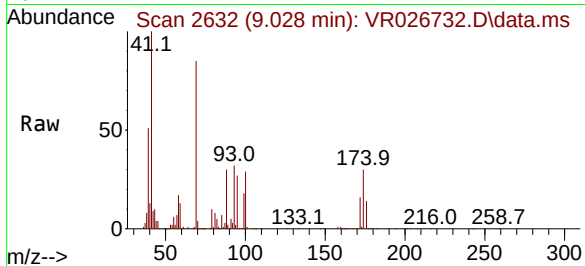




#47
Methyl methacrylate
Concen: 56.552 ug/l
RT: 9.028 min Scan# 2632
Delta R.T. -0.006 min
Lab File: VR026732.D
Acq: 11 Aug 2025 9:27

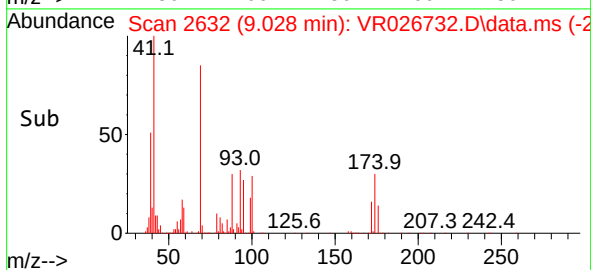
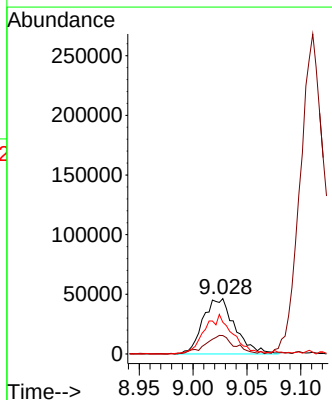
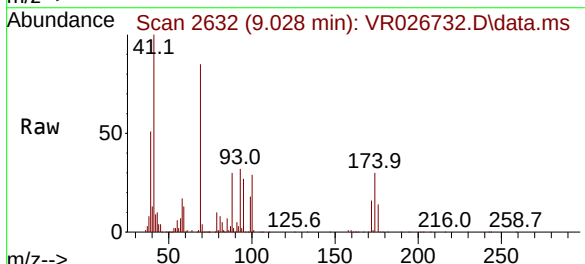
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050

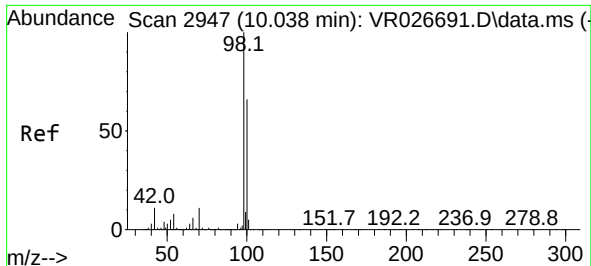
Tgt Ion: 41 Resp: 272647
Ion Ratio Lower Upper
41 100
69 86.6 69.8 104.6
39 52.7 39.4 59.2



#48
1,4-Dioxane
Concen: 1231.537 ug/l
RT: 9.028 min Scan# 2632
Delta R.T. -0.003 min
Lab File: VR026732.D
Acq: 11 Aug 2025 9:27

Tgt Ion: 88 Resp: 95641
Ion Ratio Lower Upper
88 100
43 30.6 25.2 37.8
58 63.3 60.8 91.2

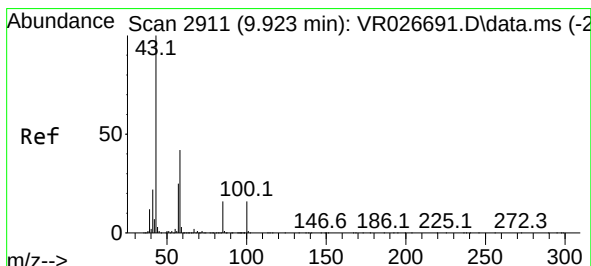
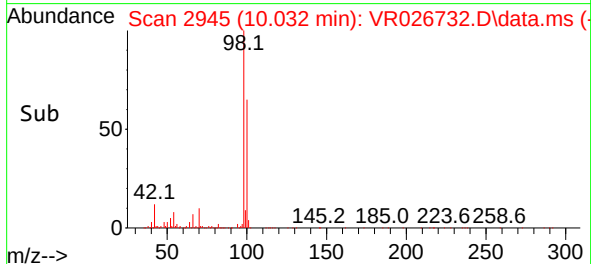
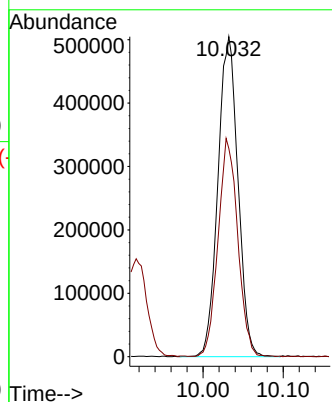
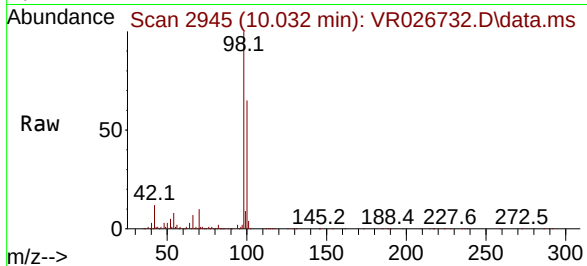




#49
Toluene-d8
Concen: 53.800 ug/l
RT: 10.032 min Scan# 2945
Delta R.T. -0.006 min
Lab File: VR026732.D
Acq: 11 Aug 2025 9:27

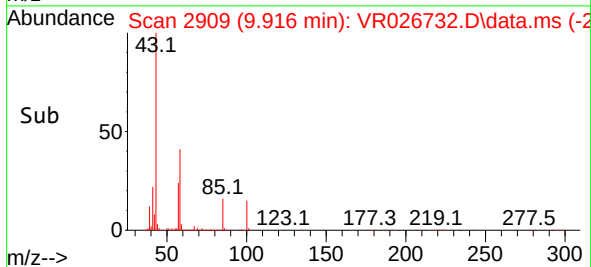
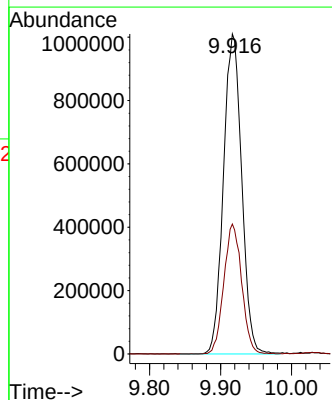
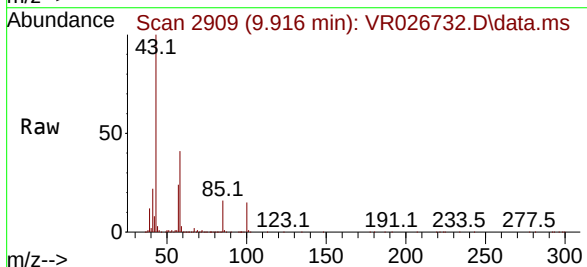
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050

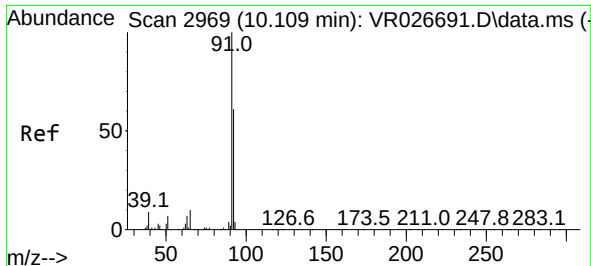
Tgt Ion: 98 Resp: 874299
Ion Ratio Lower Upper
98 100
100 66.5 53.9 80.9



#50
4-Methyl-2-Pentanone
Concen: 314.012 ug/l
RT: 9.916 min Scan# 2909
Delta R.T. -0.006 min
Lab File: VR026732.D
Acq: 11 Aug 2025 9:27

Tgt Ion: 43 Resp: 1805844
Ion Ratio Lower Upper
43 100
58 39.7 33.7 50.5

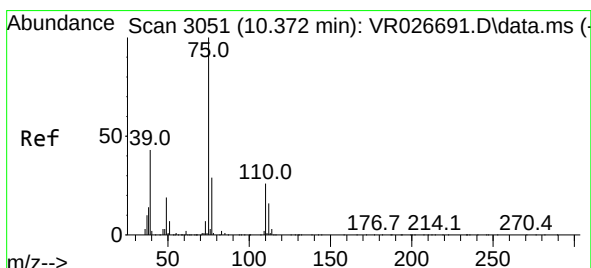
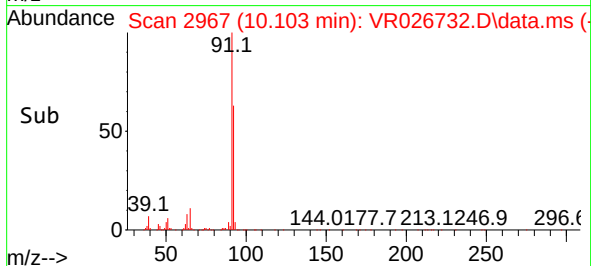
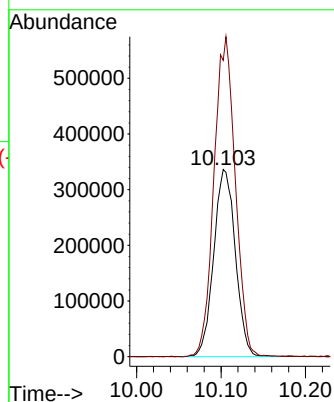
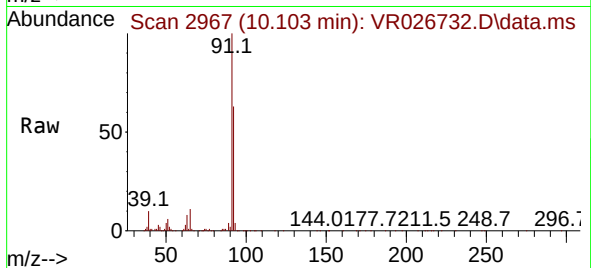




#51
Toluene
Concen: 56.858 ug/l
RT: 10.103 min Scan# 2967
Delta R.T. -0.006 min
Lab File: VR026732.D
Acq: 11 Aug 2025 9:27

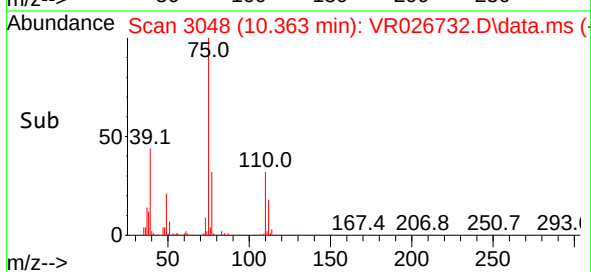
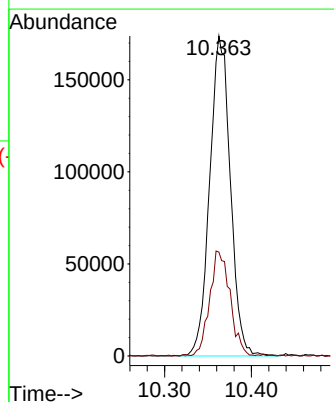
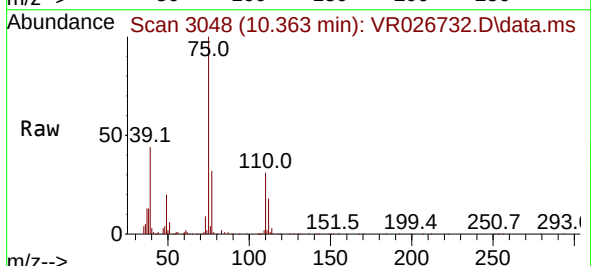
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050

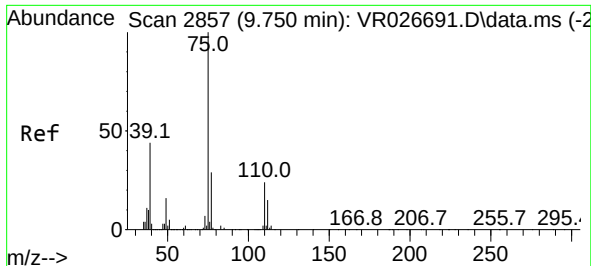
Tgt Ion: 92 Resp: 598131
Ion Ratio Lower Upper
92 100
91 168.9 137.8 206.6



#52
t-1,3-Dichloropropene
Concen: 55.798 ug/l
RT: 10.363 min Scan# 3048
Delta R.T. -0.010 min
Lab File: VR026732.D
Acq: 11 Aug 2025 9:27

Tgt Ion: 75 Resp: 287387
Ion Ratio Lower Upper
75 100
77 32.4 23.4 35.2

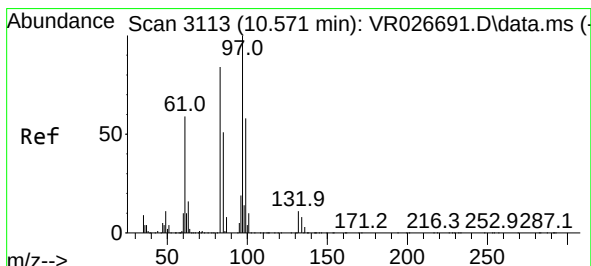
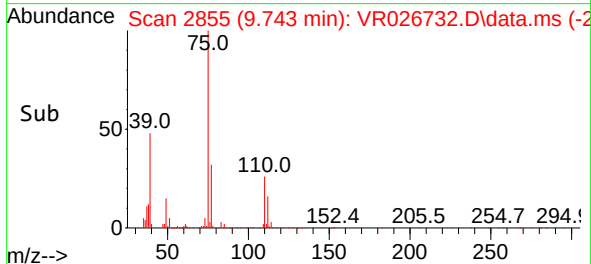
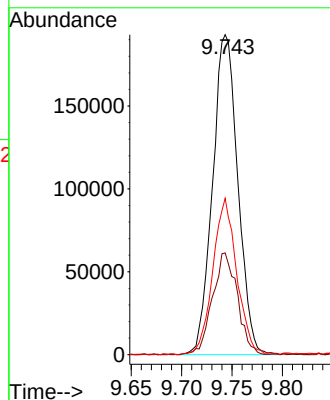
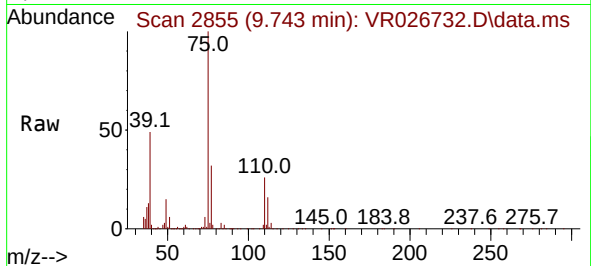




#53
cis-1,3-Dichloropropene
Concen: 54.558 ug/l
RT: 9.743 min Scan# 21
Delta R.T. -0.006 min
Lab File: VR026732.D
Acq: 11 Aug 2025 9:27

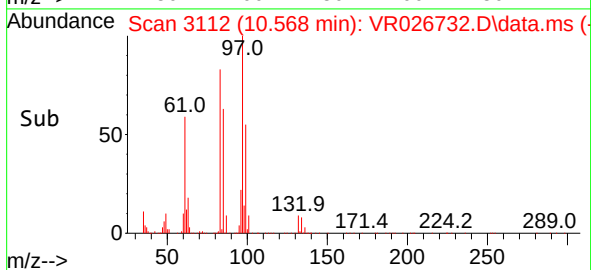
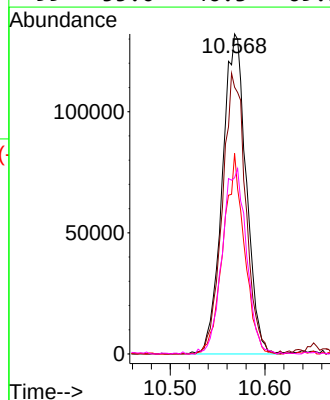
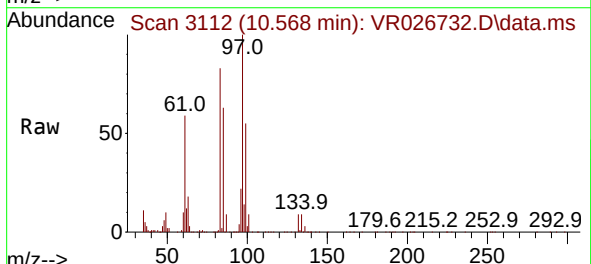
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050

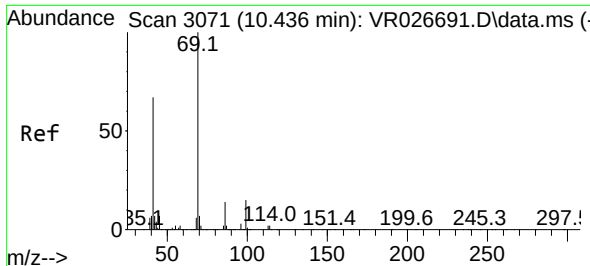
Tgt Ion: 75 Resp: 337048
Ion Ratio Lower Upper
75 100
77 31.8 22.9 34.3
39 48.7 34.8 52.2



#54
1,1,2-Trichloroethane
Concen: 60.337 ug/l
RT: 10.568 min Scan# 3112
Delta R.T. -0.003 min
Lab File: VR026732.D
Acq: 11 Aug 2025 9:27

Tgt Ion: 97 Resp: 231805
Ion Ratio Lower Upper
97 100
83 83.2 67.4 101.2
85 62.7 40.4 60.6#
99 55.0 46.3 69.5

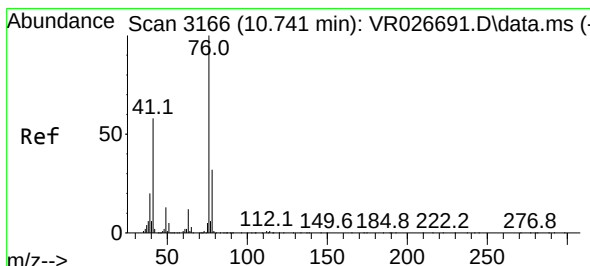
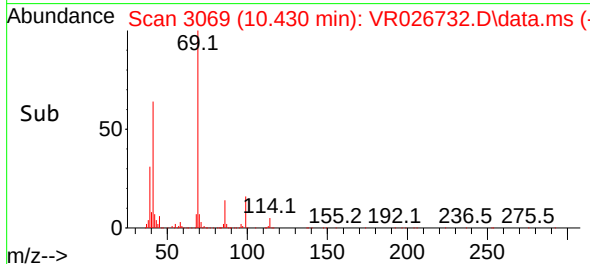
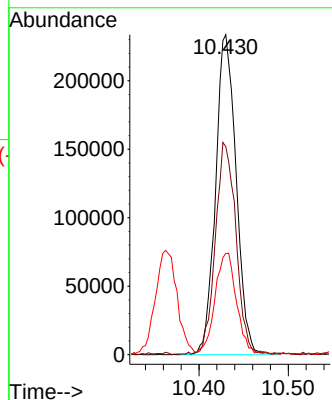
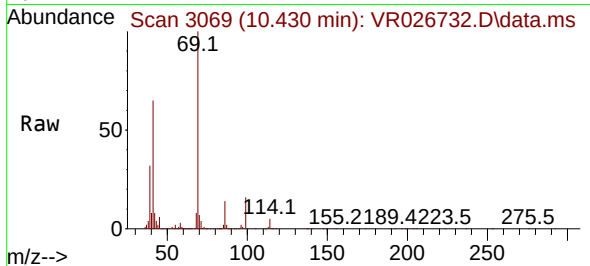




#55
Ethyl methacrylate
Concen: 58.987 ug/l
RT: 10.430 min Scan# 3071
Delta R.T. -0.006 min
Lab File: VR026732.D
Acq: 11 Aug 2025 9:27

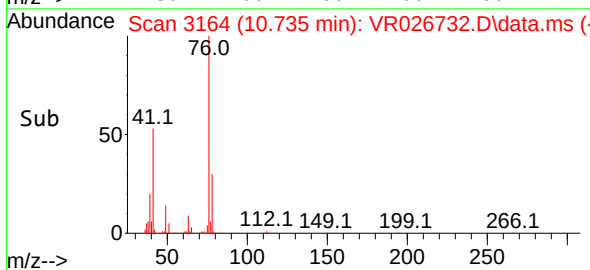
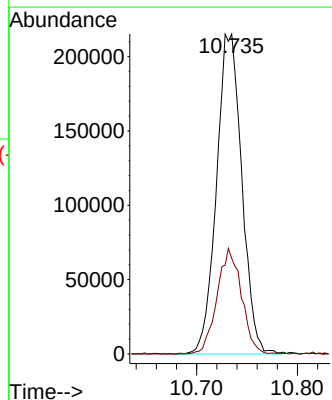
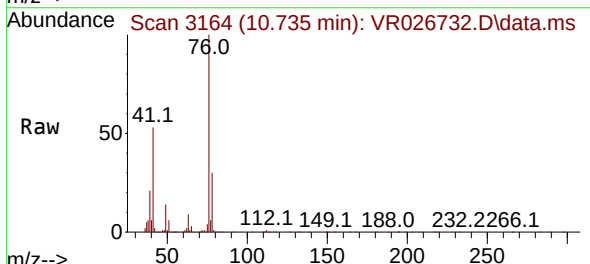
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050

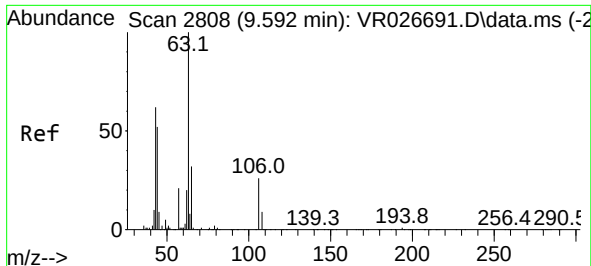
Tgt Ion: 69 Resp: 374239
Ion Ratio Lower Upper
69 100
41 65.8 51.5 77.3
39 33.0 24.7 37.1



#56
1,3-Dichloropropane
Concen: 57.418 ug/l
RT: 10.735 min Scan# 3164
Delta R.T. -0.006 min
Lab File: VR026732.D
Acq: 11 Aug 2025 9:27

Tgt Ion: 76 Resp: 375735
Ion Ratio Lower Upper
76 100
78 31.8 25.8 38.6





#57

2-Chloroethyl Vinyl ether

Concen: 364.000 ug/l

RT: 9.586 min Scan# 21

Delta R.T. -0.006 min

Lab File: VR026732.D

Acq: 11 Aug 2025 9:27

Instrument :

MSVOA_R

ClientSampleId :

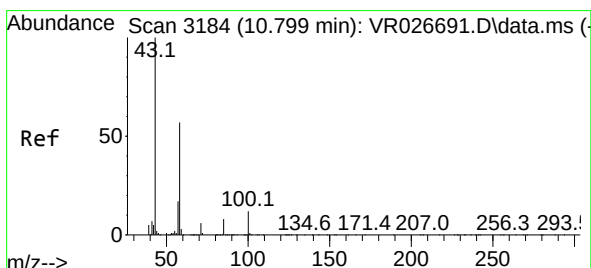
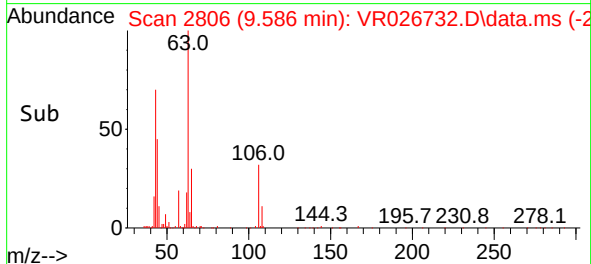
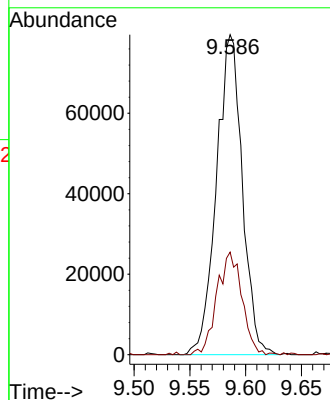
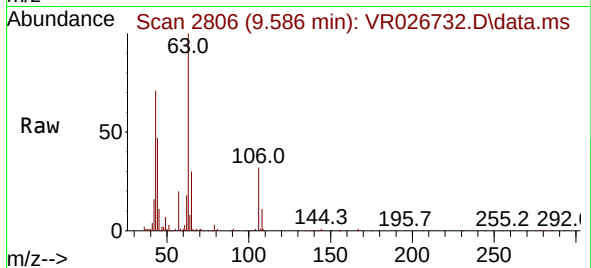
VSTDCCC050

Tgt Ion: 63 Resp: 127622

Ion Ratio Lower Upper

63 100

106 31.1 22.5 33.7



#58

2-Hexanone

Concen: 324.896 ug/l

RT: 10.793 min Scan# 3182

Delta R.T. -0.006 min

Lab File: VR026732.D

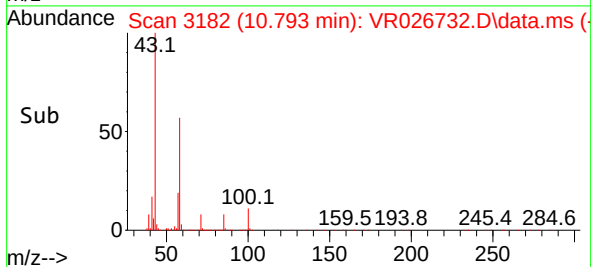
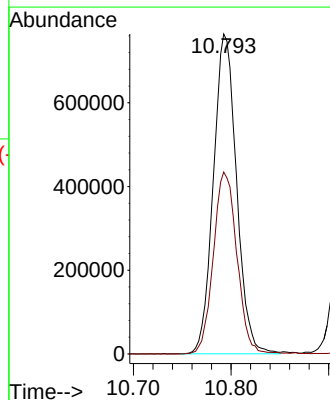
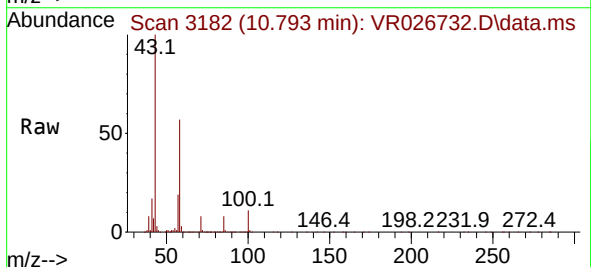
Acq: 11 Aug 2025 9:27

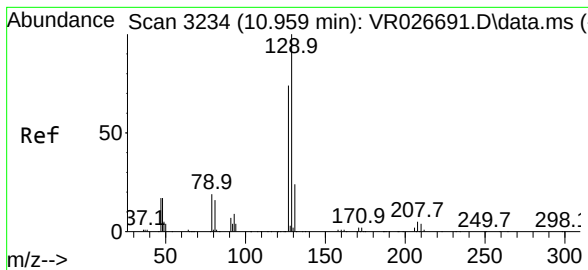
Tgt Ion: 43 Resp: 1259592

Ion Ratio Lower Upper

43 100

58 57.9 28.8 86.4

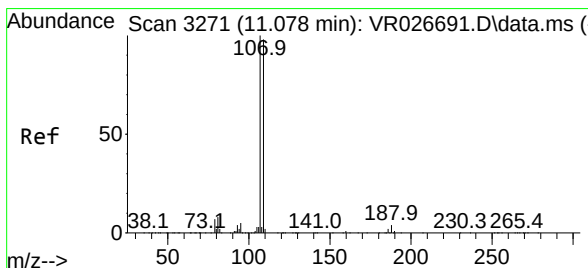
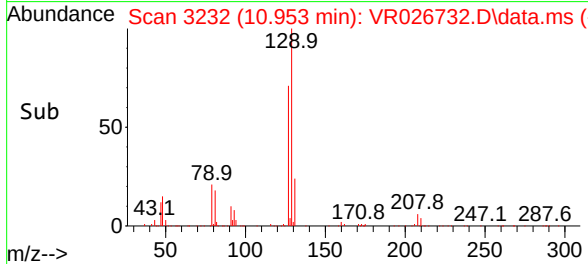
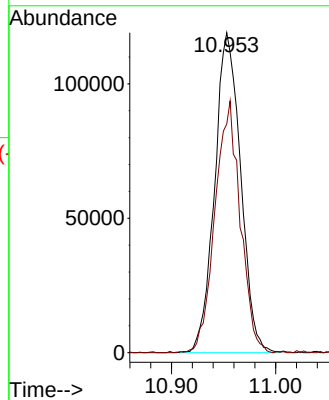
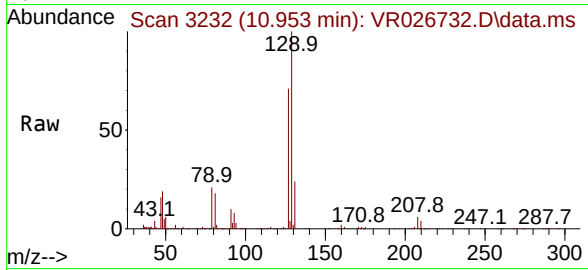




#59
Dibromochloromethane
Concen: 63.458 ug/l
RT: 10.953 min Scan# 31
Delta R.T. -0.006 min
Lab File: VR026732.D
Acq: 11 Aug 2025 9:27

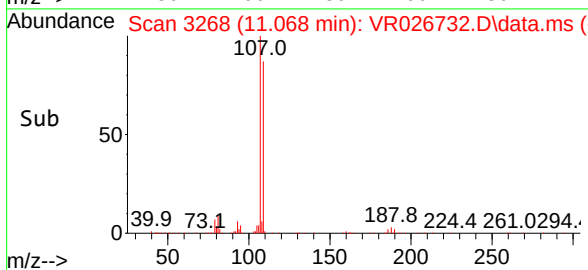
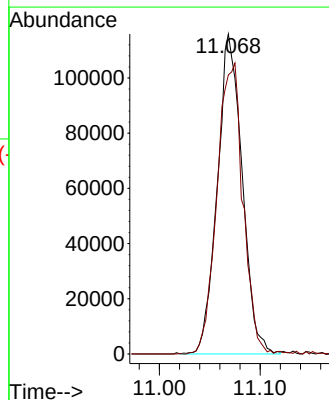
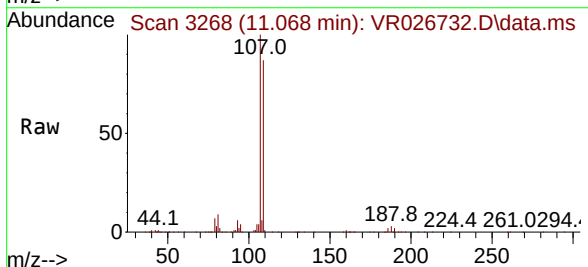
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050

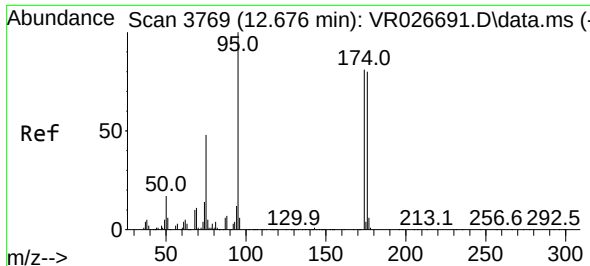
Tgt Ion:129 Resp: 206326
Ion Ratio Lower Upper
129 100
127 76.5 38.9 116.6



#60
1,2-Dibromoethane
Concen: 60.073 ug/l
RT: 11.068 min Scan# 3268
Delta R.T. -0.010 min
Lab File: VR026732.D
Acq: 11 Aug 2025 9:27

Tgt Ion:107 Resp: 198632
Ion Ratio Lower Upper
107 100
109 95.0 75.9 113.9

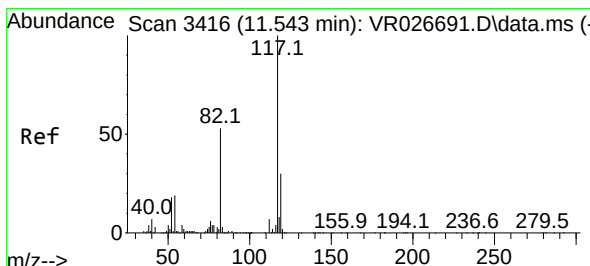
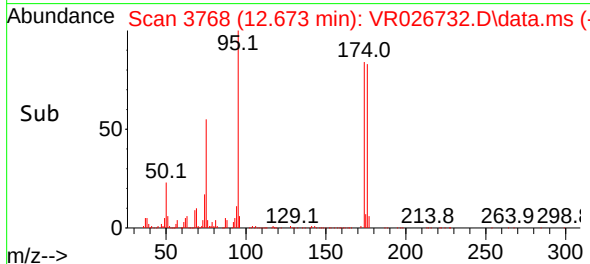
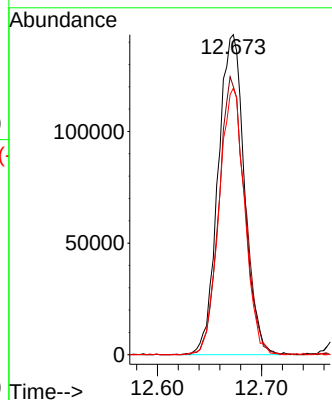
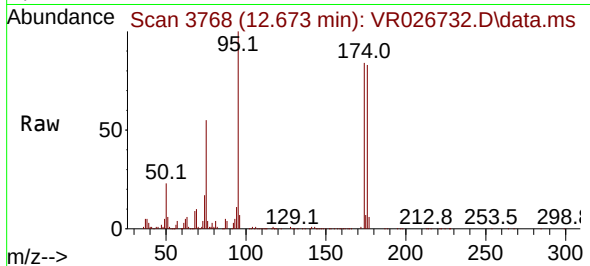




#61
4-Bromofluorobenzene
Concen: 54.398 ug/l
RT: 12.673 min Scan# 31
Delta R.T. -0.003 min
Lab File: VR026732.D
Acq: 11 Aug 2025 9:27

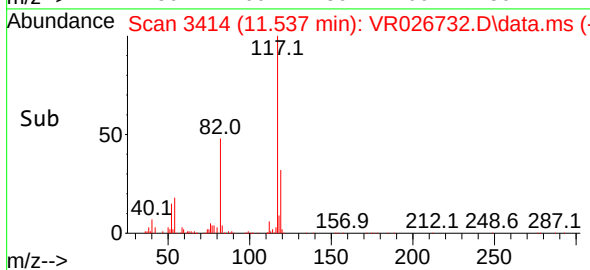
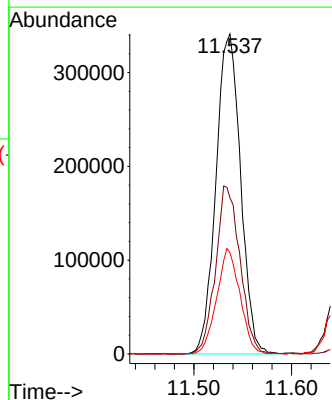
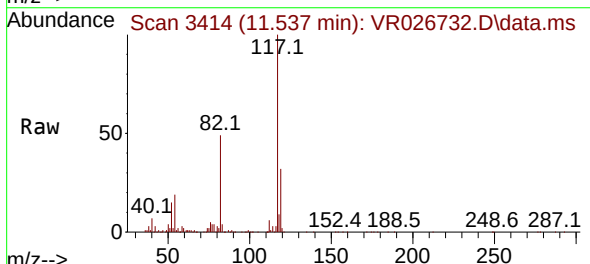
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050

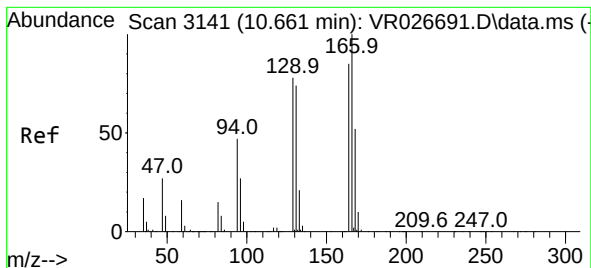
Tgt Ion: 95 Resp: 251439
Ion Ratio Lower Upper
95 100
174 85.3 0.0 158.4
176 81.3 0.0 149.0



#62
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.537 min Scan# 3414
Delta R.T. -0.006 min
Lab File: VR026732.D
Acq: 11 Aug 2025 9:27

Tgt Ion: 117 Resp: 598763
Ion Ratio Lower Upper
117 100
82 48.8 42.0 63.0
119 31.7 23.9 35.9





#63

Tetrachloroethene

Concen: 52.067 ug/l

RT: 10.651 min Scan# 3141

Delta R.T. -0.010 min

Lab File: VR026732.D

Acq: 11 Aug 2025 9:27

Instrument :

MSVOA_R

ClientSampleId :

VSTDCCC050

Tgt Ion:164 Resp: 170310

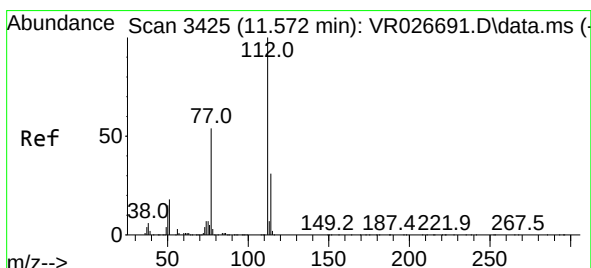
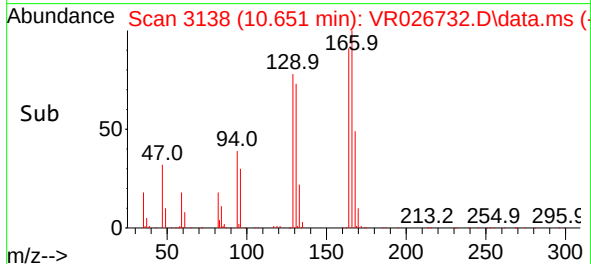
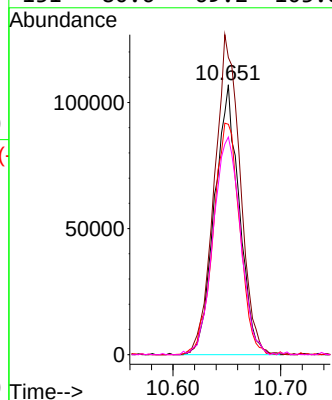
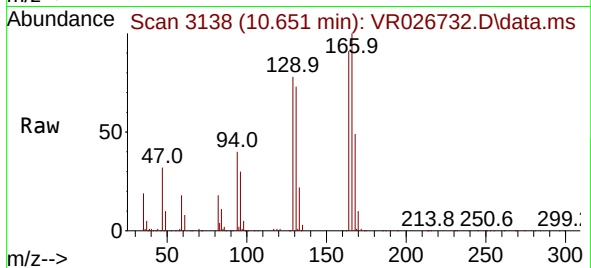
Ion Ratio Lower Upper

164 100

166 110.1 93.7 140.5

129 85.2 73.4 110.2

131 80.6 69.2 103.8



#64

Chlorobenzene

Concen: 52.362 ug/l

RT: 11.566 min Scan# 3423

Delta R.T. -0.006 min

Lab File: VR026732.D

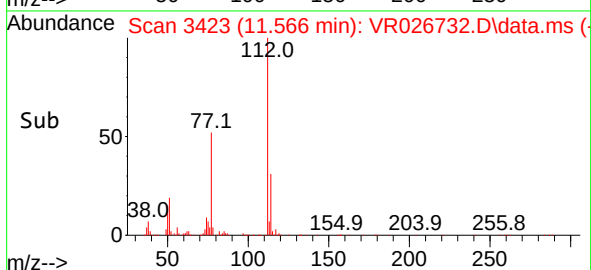
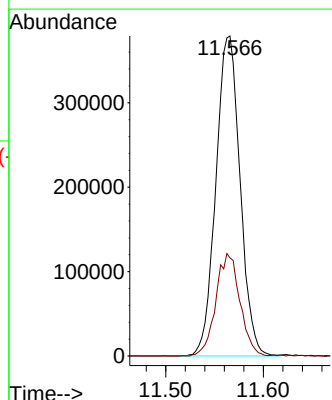
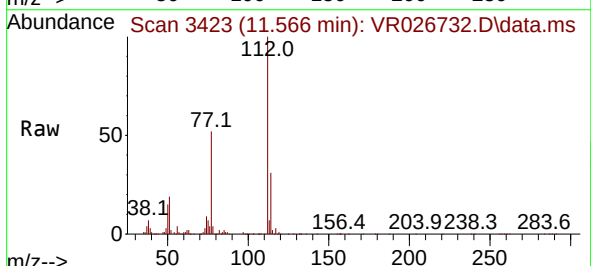
Acq: 11 Aug 2025 9:27

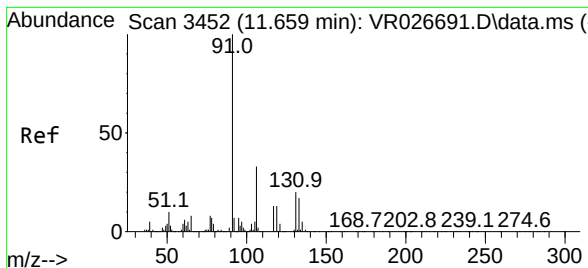
Tgt Ion:112 Resp: 652497

Ion Ratio Lower Upper

112 100

114 30.7 25.0 37.6

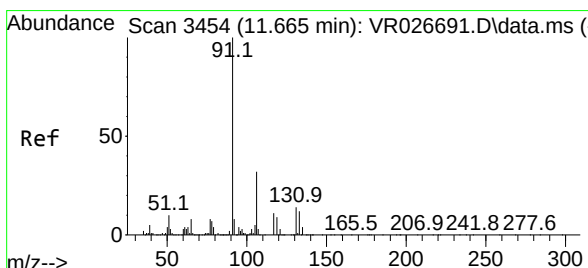
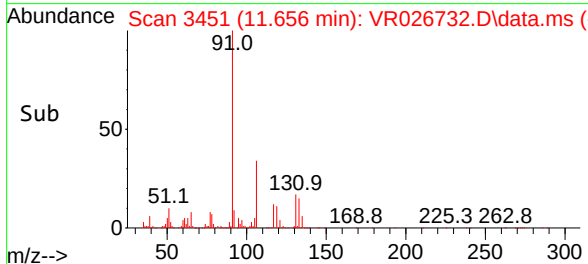
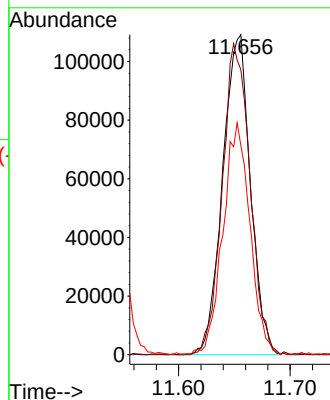
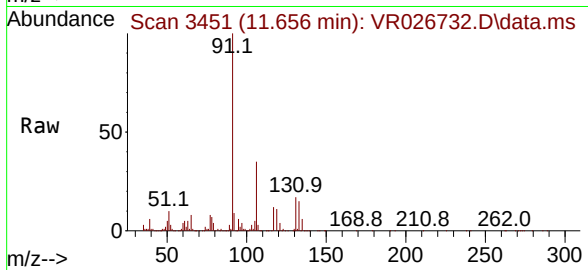




#65
1,1,1,2-Tetrachloroethane
Concen: 55.529 ug/l
RT: 11.656 min Scan# 3451
Delta R.T. -0.003 min
Lab File: VR026732.D
Acq: 11 Aug 2025 9:27

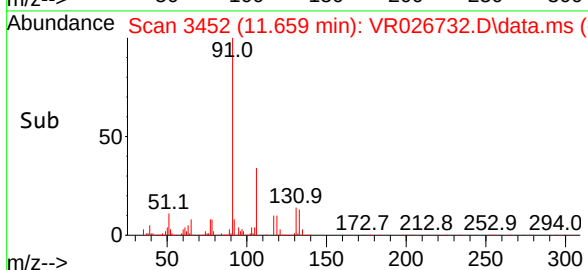
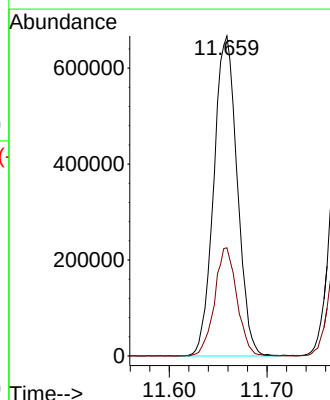
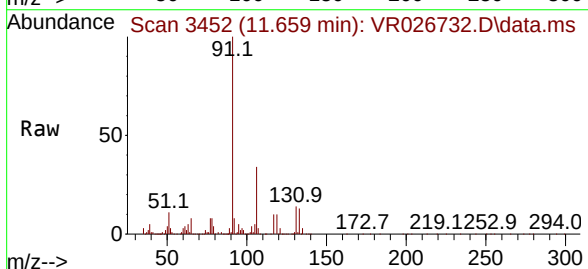
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050

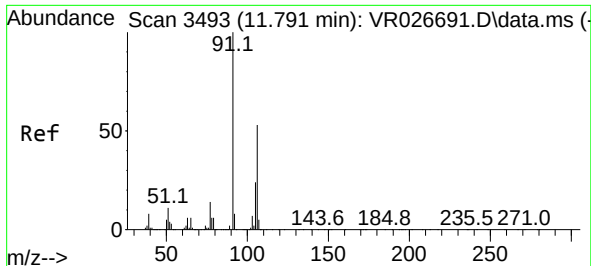
Tgt Ion:131 Resp: 188995
Ion Ratio Lower Upper
131 100
133 97.1 46.2 138.5
119 70.3 35.7 107.1



#66
Ethyl Benzene
Concen: 53.498 ug/l
RT: 11.659 min Scan# 3452
Delta R.T. -0.006 min
Lab File: VR026732.D
Acq: 11 Aug 2025 9:27

Tgt Ion: 91 Resp: 1113133
Ion Ratio Lower Upper
91 100
106 33.7 25.4 38.0





#67

m/p-Xylenes

Concen: 104.650 ug/l

RT: 11.784 min Scan# 34

Delta R.T. -0.006 min

Lab File: VR026732.D

Acq: 11 Aug 2025 9:27

Instrument :

MSVOA_R

ClientSampleId :

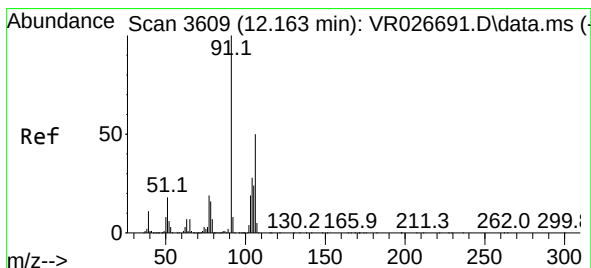
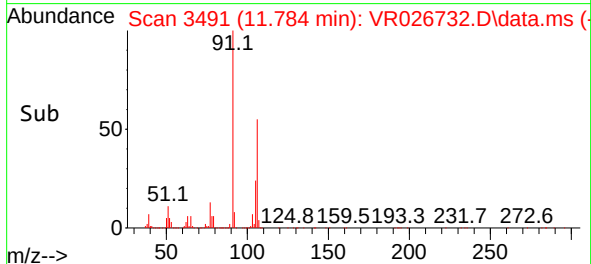
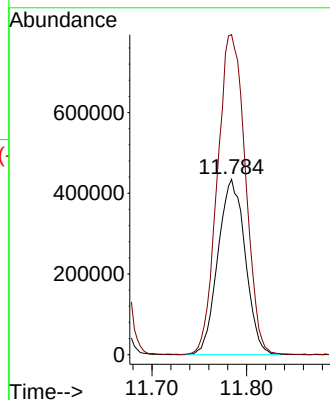
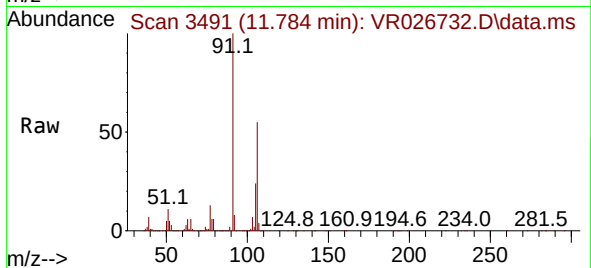
VSTDCCC050

Tgt Ion:106 Resp: 869934

Ion Ratio Lower Upper

106 100

91 186.9 146.8 220.2



#68

o-Xylene

Concen: 52.958 ug/l

RT: 12.156 min Scan# 3607

Delta R.T. -0.006 min

Lab File: VR026732.D

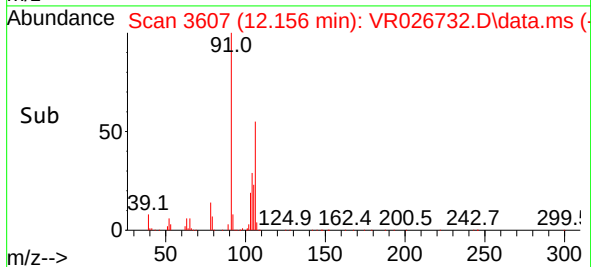
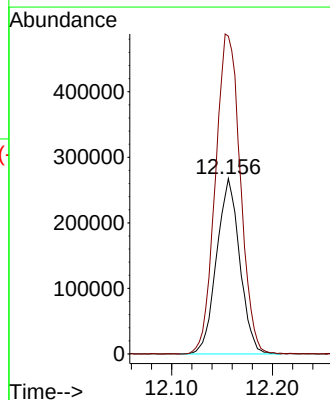
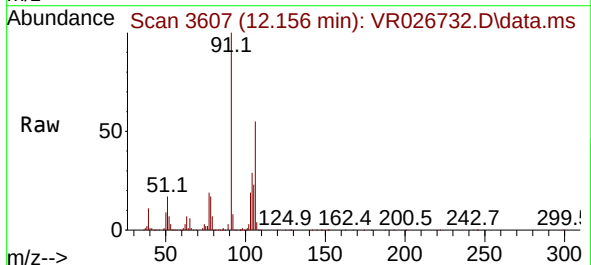
Acq: 11 Aug 2025 9:27

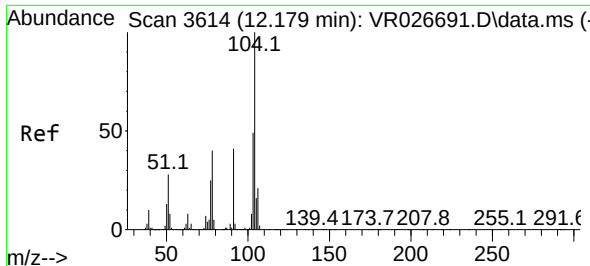
Tgt Ion:106 Resp: 427338

Ion Ratio Lower Upper

106 100

91 196.7 97.9 293.6

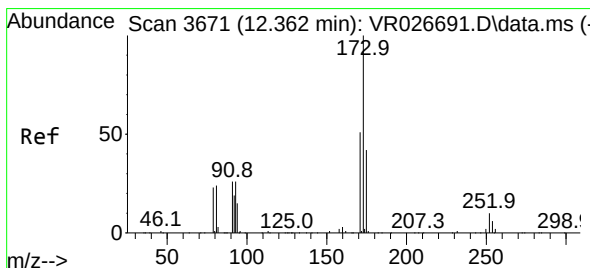
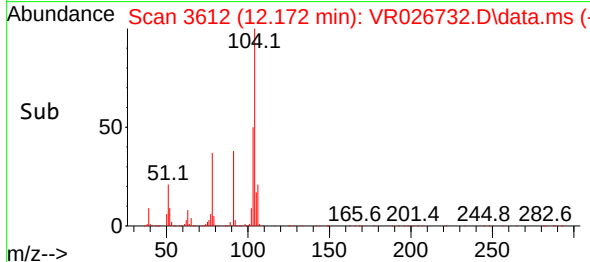
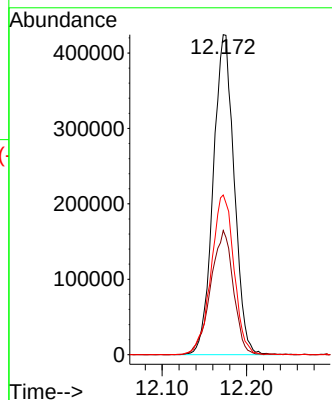
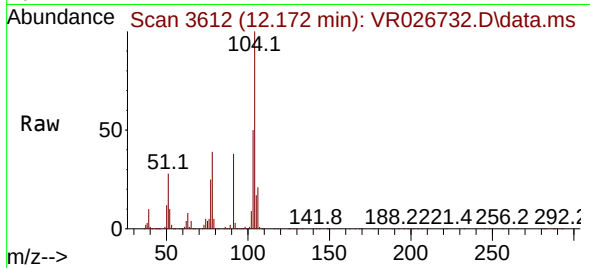




#69
Styrene
Concen: 54.098 ug/l
RT: 12.172 min Scan# 3612
Delta R.T. -0.006 min
Lab File: VR026732.D
Acq: 11 Aug 2025 9:27

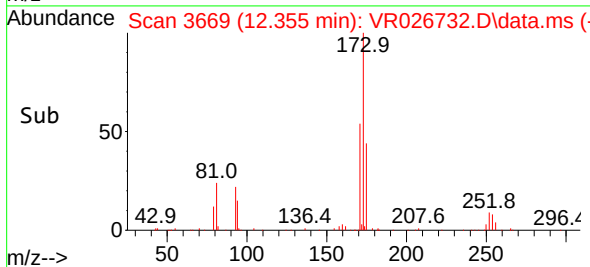
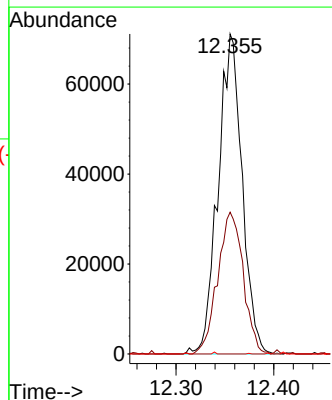
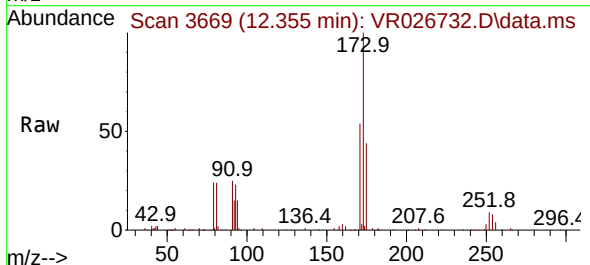
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050

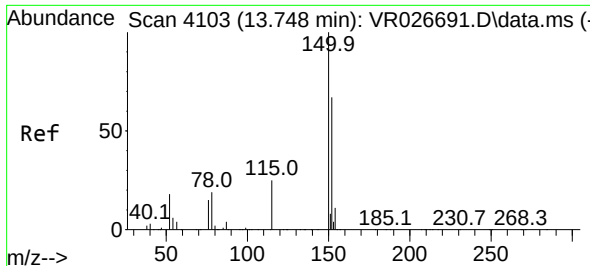
Tgt Ion:104 Resp: 729493
Ion Ratio Lower Upper
104 100
78 42.0 34.5 51.7
103 54.4 43.2 64.8



#70
Bromoform
Concen: 63.027 ug/l
RT: 12.355 min Scan# 3669
Delta R.T. -0.006 min
Lab File: VR026732.D
Acq: 11 Aug 2025 9:27

Tgt Ion:173 Resp: 121407
Ion Ratio Lower Upper
173 100
175 47.1 23.6 71.0
254 0.1 0.1 0.1#

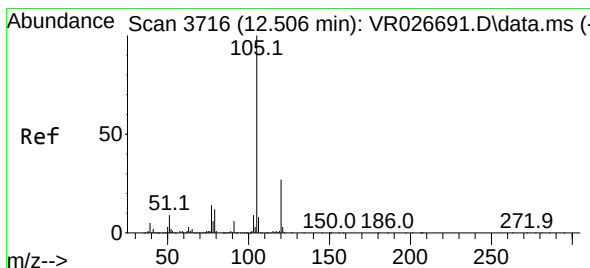
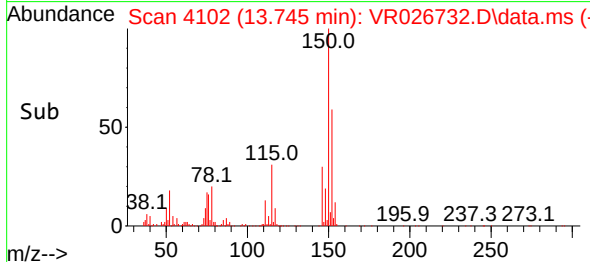
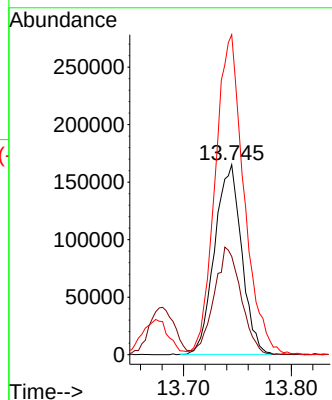
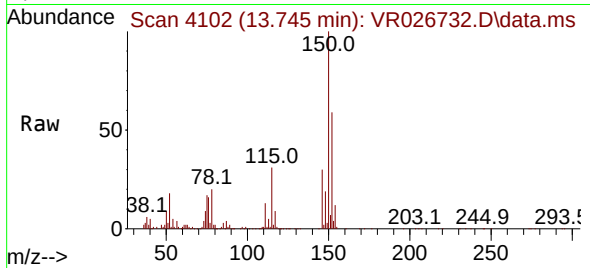




#71
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.745 min Scan# 4103
Delta R.T. -0.003 min
Lab File: VR026732.D
Acq: 11 Aug 2025 9:27

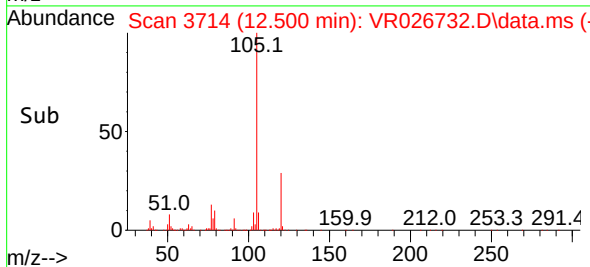
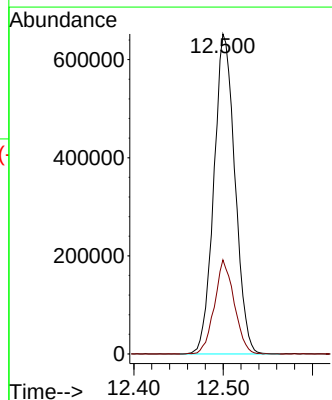
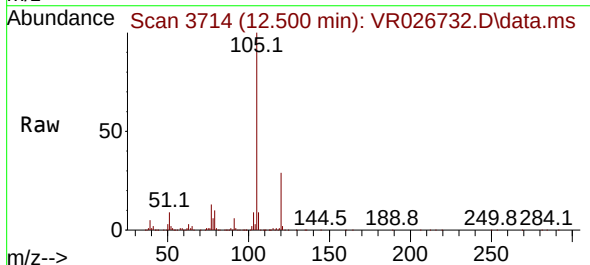
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050

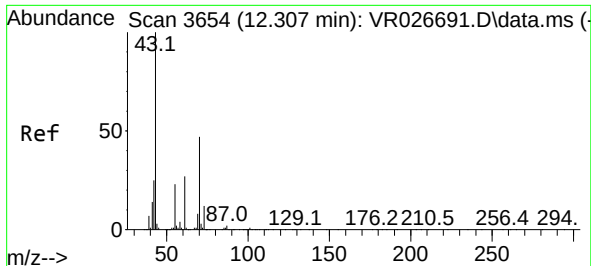
Tgt Ion:152 Resp: 286998
Ion Ratio Lower Upper
152 100
115 56.8 27.8 83.4
150 180.2 0.0 350.4



#72
Isopropylbenzene
Concen: 52.281 ug/l
RT: 12.500 min Scan# 3714
Delta R.T. -0.006 min
Lab File: VR026732.D
Acq: 11 Aug 2025 9:27

Tgt Ion:105 Resp: 1069457
Ion Ratio Lower Upper
105 100
120 27.6 14.2 42.8

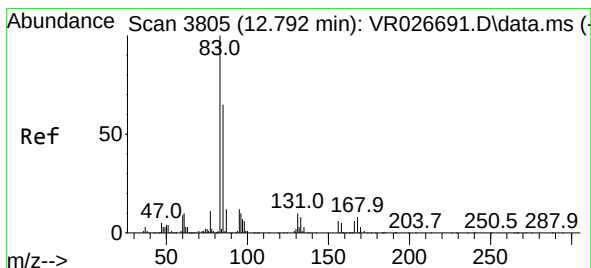
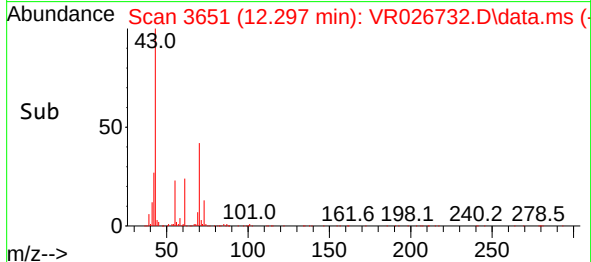
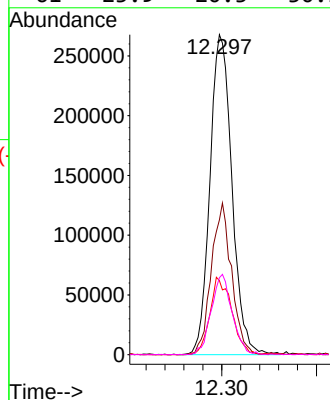
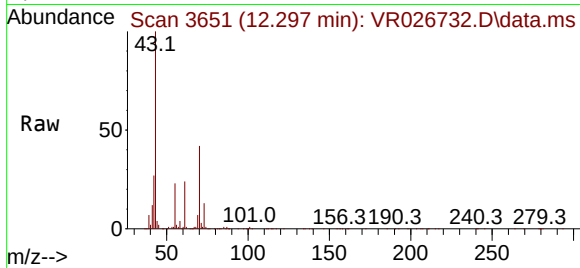




#73
N-ethyl acetate
Concen: 53.274 ug/l
RT: 12.297 min Scan# 30
Delta R.T. -0.010 min
Lab File: VR026732.D
Acq: 11 Aug 2025 9:27

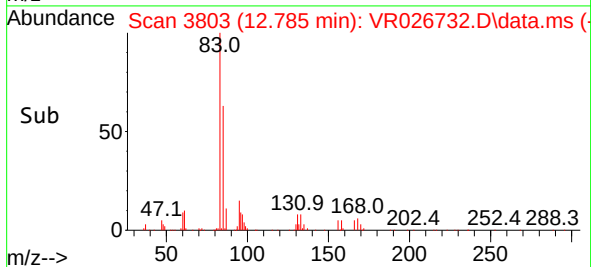
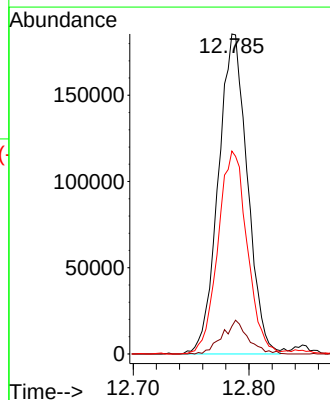
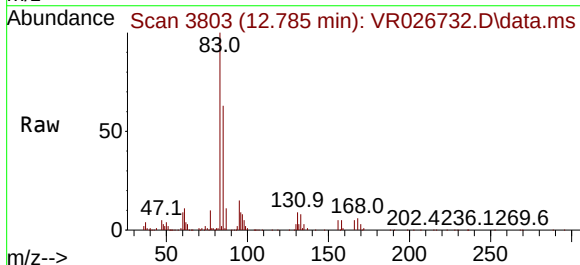
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050

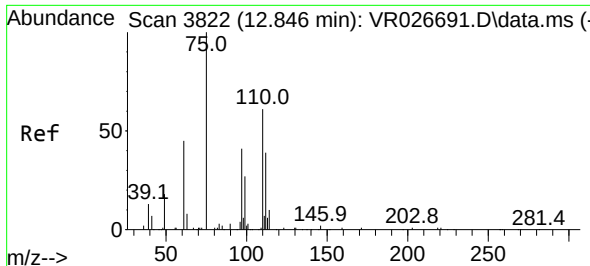
Tgt Ion:	43	Resp:	432091
Ion	Ratio	Lower	Upper
43	100		
70	43.6	36.4	54.6
55	24.1	18.7	28.1
61	23.9	20.3	30.5



#74
1,1,2,2-Tetrachloroethane
Concen: 53.945 ug/l
RT: 12.785 min Scan# 3803
Delta R.T. -0.006 min
Lab File: VR026732.D
Acq: 11 Aug 2025 9:27

Tgt Ion:	83	Resp:	323764
Ion	Ratio	Lower	Upper
83	100		
131	9.4	4.2	12.4
85	63.7	32.3	96.8

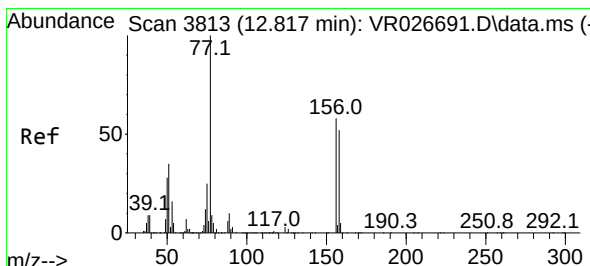
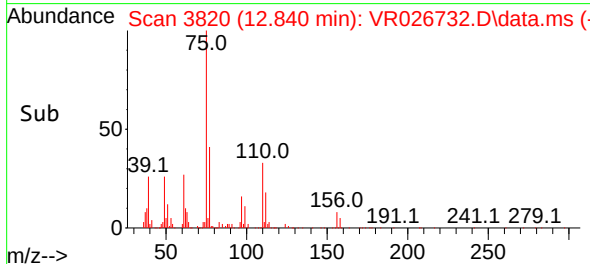
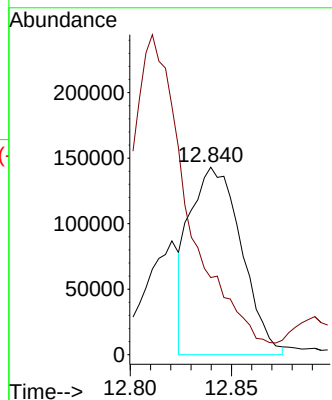
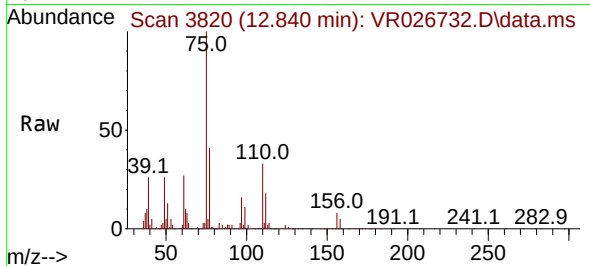




#75
1,2,3-Trichloropropane
Concen: 53.334 ug/l m
RT: 12.840 min Scan# 3822
Delta R.T. -0.006 min
Lab File: VR026732.D
Acq: 11 Aug 2025 9:27

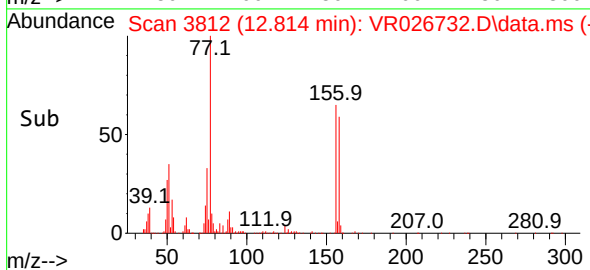
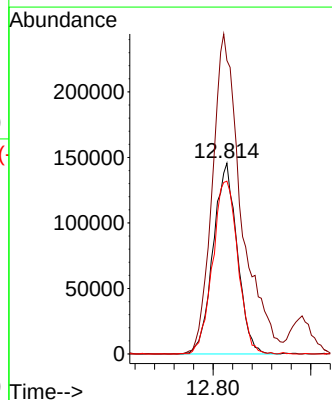
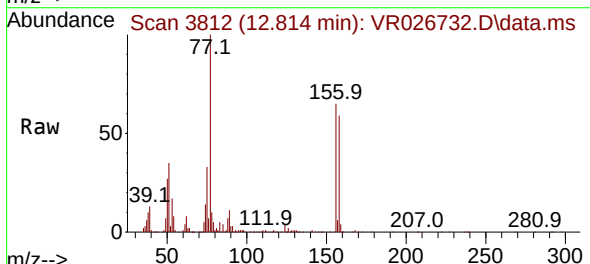
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050

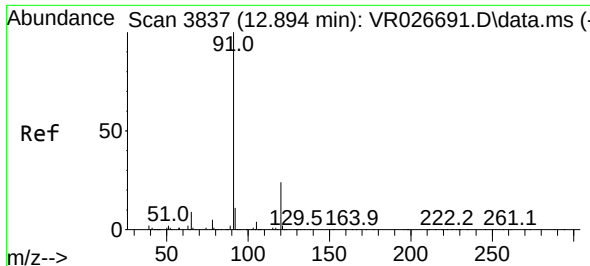
Tgt Ion: 75 Resp: 253724
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#76
Bromobenzene
Concen: 52.750 ug/l
RT: 12.814 min Scan# 3812
Delta R.T. -0.003 min
Lab File: VR026732.D
Acq: 11 Aug 2025 9:27

Tgt Ion:156 Resp: 249711
Ion Ratio Lower Upper
156 100
77 202.5 105.5 316.4
158 94.8 46.4 139.1

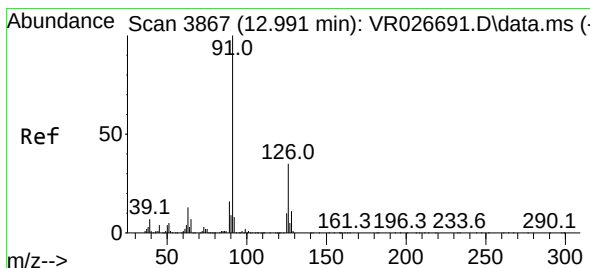
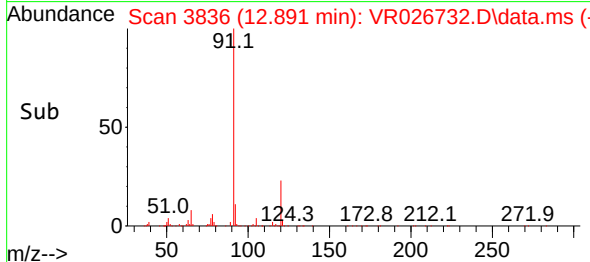
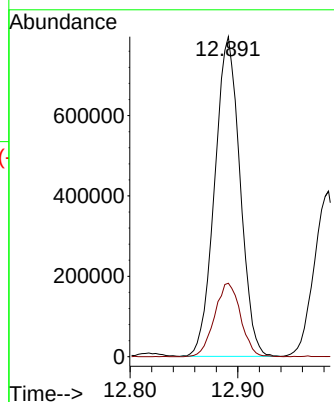
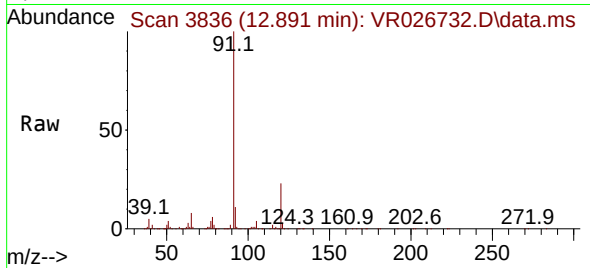




#77
n-propylbenzene
Concen: 53.321 ug/l
RT: 12.891 min Scan# 3836
Delta R.T. -0.003 min
Lab File: VR026732.D
Acq: 11 Aug 2025 9:27

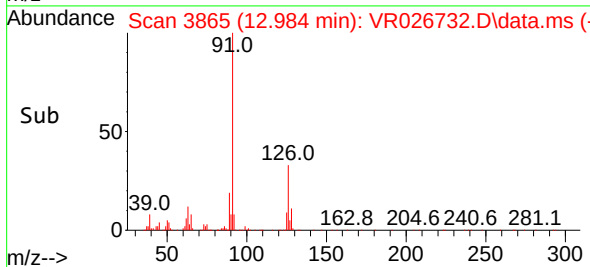
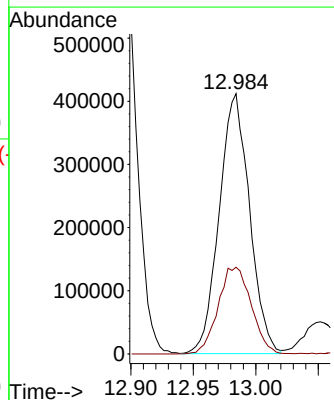
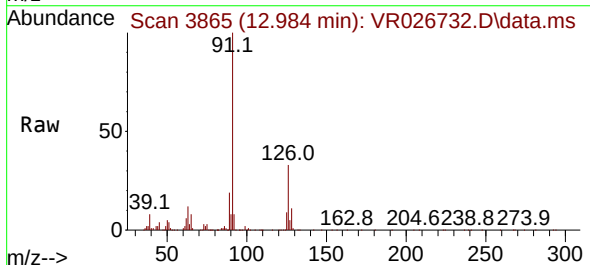
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050

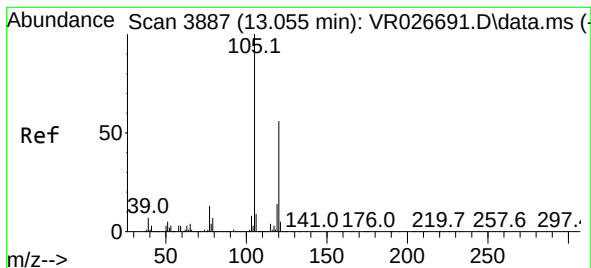
Tgt Ion: 91 Resp: 1301305
Ion Ratio Lower Upper
91 100
120 23.6 11.9 35.9



#78
2-Chlorotoluene
Concen: 50.212 ug/l
RT: 12.984 min Scan# 3865
Delta R.T. -0.006 min
Lab File: VR026732.D
Acq: 11 Aug 2025 9:27

Tgt Ion: 91 Resp: 695257
Ion Ratio Lower Upper
91 100
126 36.4 17.5 52.6





#79

1,3,5-Trimethylbenzene

Concen: 53.491 ug/l

RT: 13.048 min Scan# 3885

Delta R.T. -0.006 min

Lab File: VR026732.D

Acq: 11 Aug 2025 9:27

Instrument :

MSVOA_R

ClientSampleId :

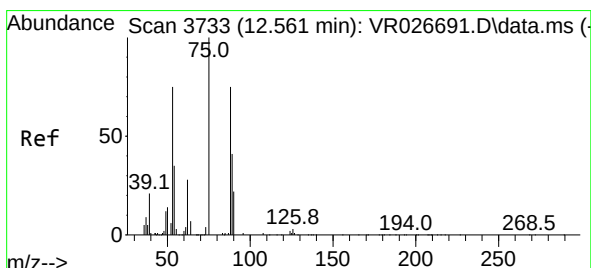
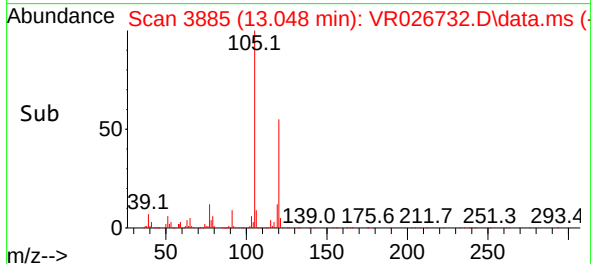
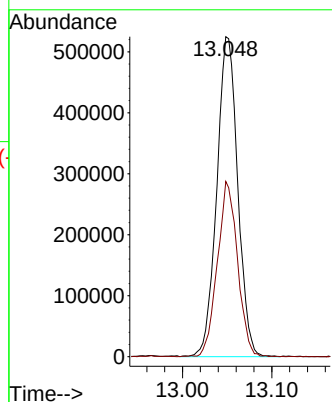
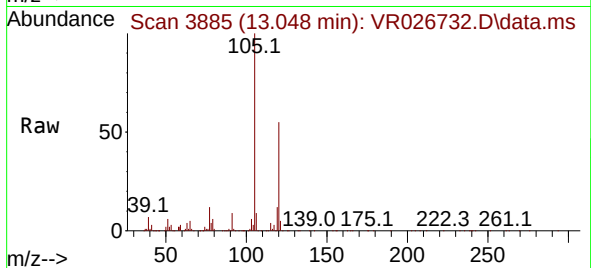
VSTDCCC050

Tgt Ion:105 Resp: 855644

Ion Ratio Lower Upper

105 100

120 52.7 26.6 79.7



#80

trans-1,4-Dichloro-2-butene

Concen: 51.669 ug/l

RT: 12.551 min Scan# 3730

Delta R.T. -0.010 min

Lab File: VR026732.D

Acq: 11 Aug 2025 9:27

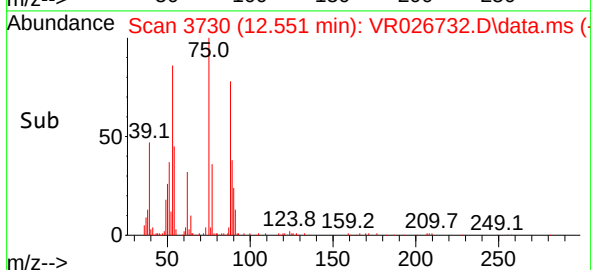
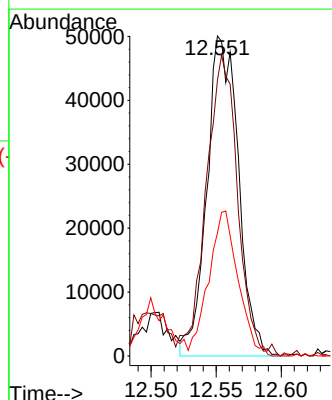
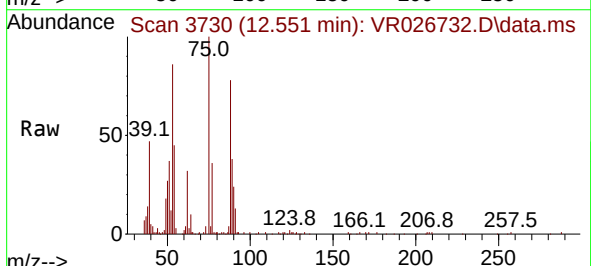
Tgt Ion: 75 Resp: 84395

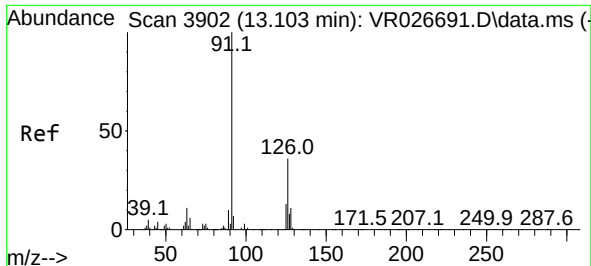
Ion Ratio Lower Upper

75 100

53 90.2 67.8 101.6

89 42.3 34.6 52.0

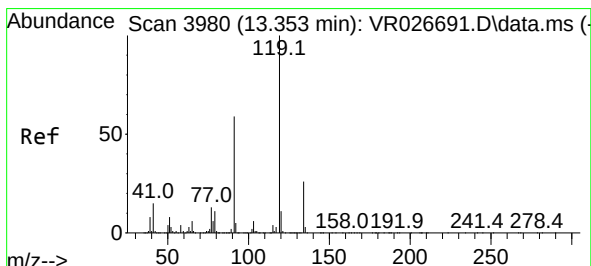
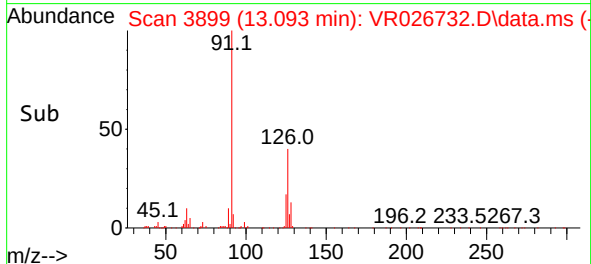
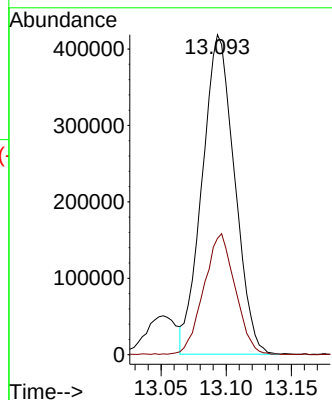
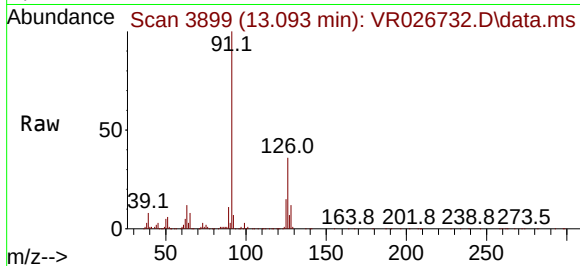




#81
4-Chlorotoluene
Concen: 51.191 ug/l
RT: 13.093 min Scan# 3902
Delta R.T. -0.010 min
Lab File: VR026732.D
Acq: 11 Aug 2025 9:27

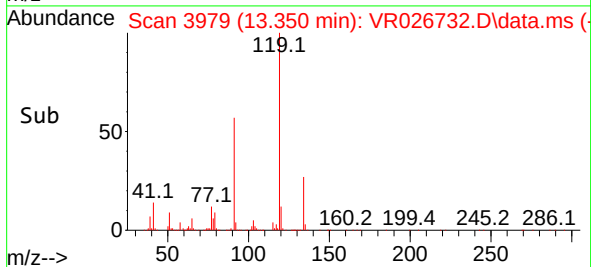
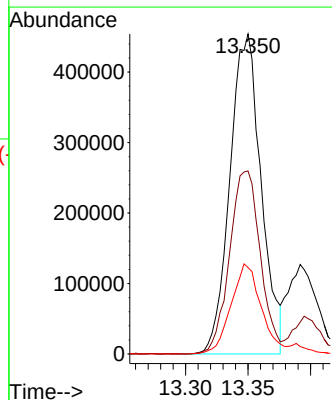
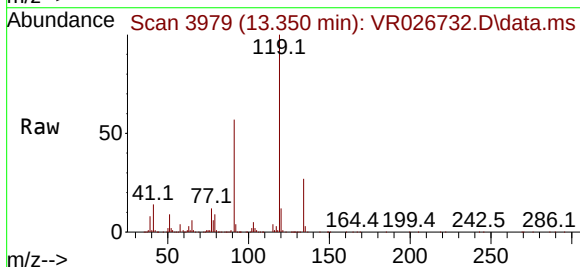
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050

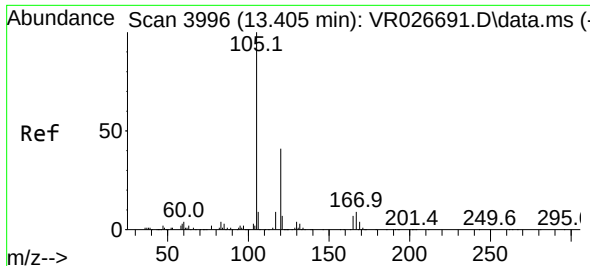
Tgt Ion: 91 Resp: 724089
Ion Ratio Lower Upper
91 100
126 36.7 17.8 53.3



#82
tert-Butylbenzene
Concen: 54.286 ug/l
RT: 13.350 min Scan# 3979
Delta R.T. -0.003 min
Lab File: VR026732.D
Acq: 11 Aug 2025 9:27

Tgt Ion: 119 Resp: 789844
Ion Ratio Lower Upper
119 100
91 56.4 29.9 89.7
134 27.4 13.5 40.4

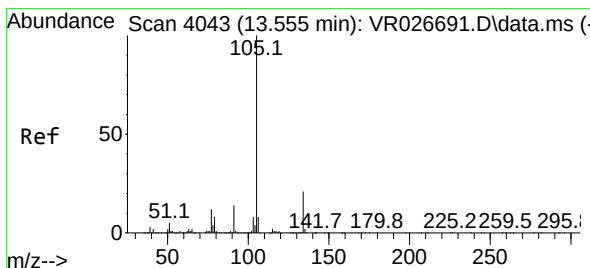
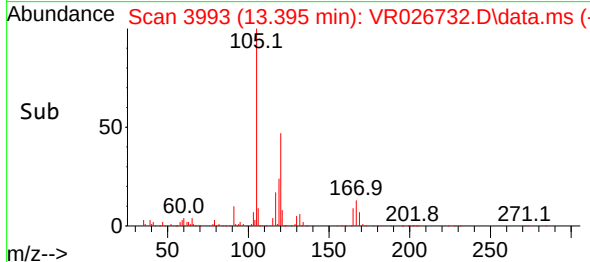
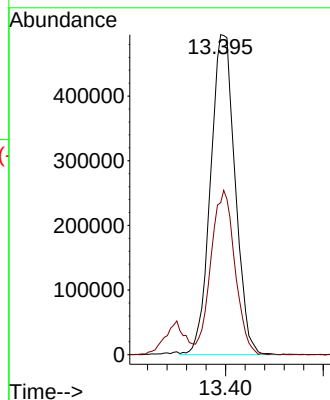
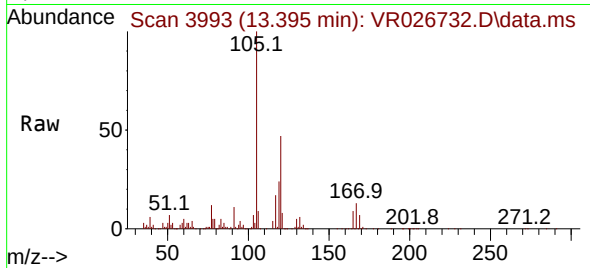




#83
1,2,4-Trimethylbenzene
Concen: 54.673 ug/l
RT: 13.395 min Scan# 3996
Delta R.T. -0.010 min
Lab File: VR026732.D
Acq: 11 Aug 2025 9:27

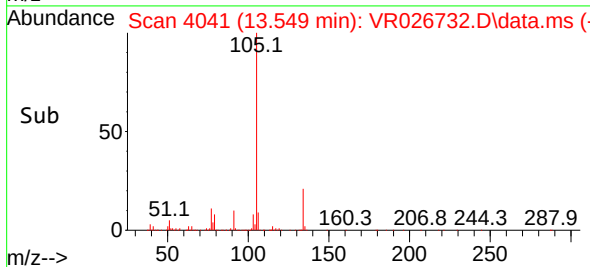
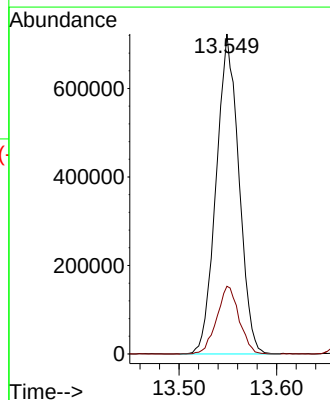
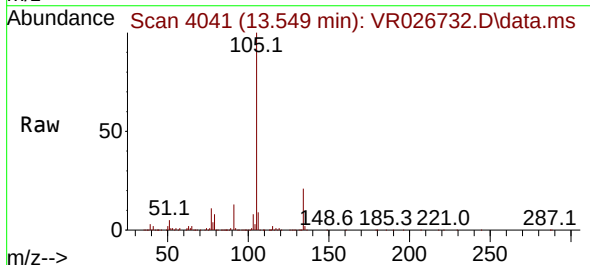
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050

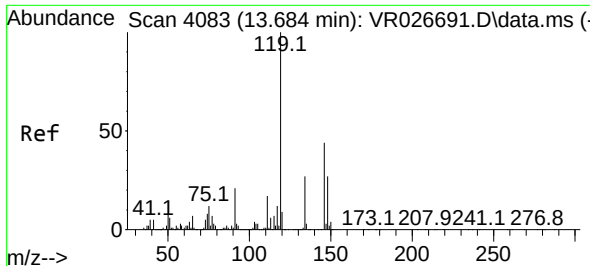
Tgt Ion:105 Resp: 865692
Ion Ratio Lower Upper
105 100
120 50.0 25.0 75.0



#84
sec-Butylbenzene
Concen: 54.054 ug/l
RT: 13.549 min Scan# 4041
Delta R.T. -0.006 min
Lab File: VR026732.D
Acq: 11 Aug 2025 9:27

Tgt Ion:105 Resp: 1166332
Ion Ratio Lower Upper
105 100
134 20.8 10.4 31.1

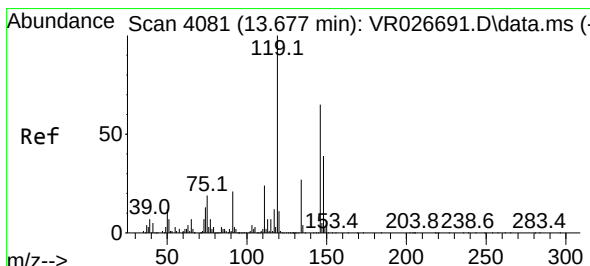
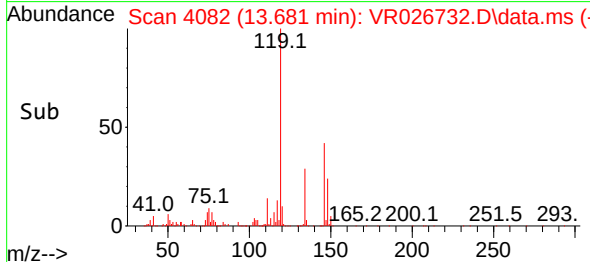
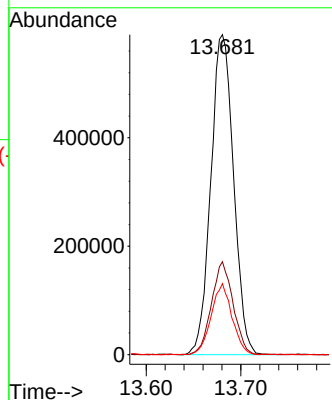
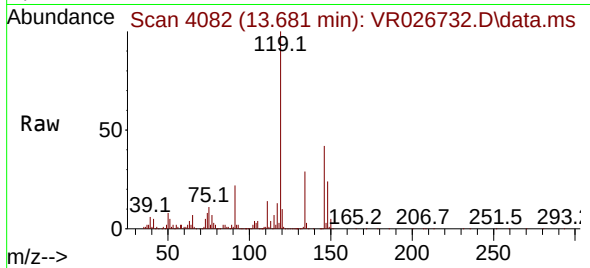




#85
p-Isopropyltoluene
Concen: 55.993 ug/l
RT: 13.681 min Scan# 4082
Delta R.T. -0.003 min
Lab File: VR026732.D
Acq: 11 Aug 2025 9:27

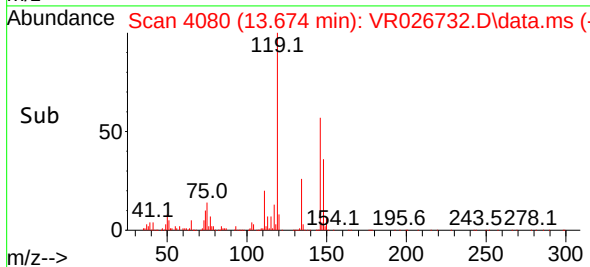
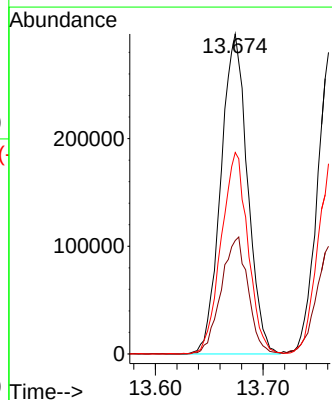
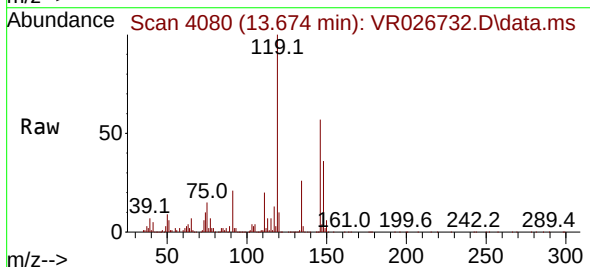
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050

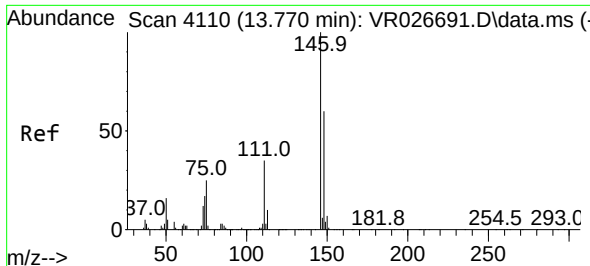
Tgt Ion:119 Resp: 985099
Ion Ratio Lower Upper
119 100
134 27.6 13.9 41.7
91 20.4 10.4 31.2



#86
1,3-Dichlorobenzene
Concen: 55.122 ug/l
RT: 13.674 min Scan# 4080
Delta R.T. -0.003 min
Lab File: VR026732.D
Acq: 11 Aug 2025 9:27

Tgt Ion:146 Resp: 511578
Ion Ratio Lower Upper
146 100
111 36.9 19.4 58.2
148 63.4 31.4 94.3

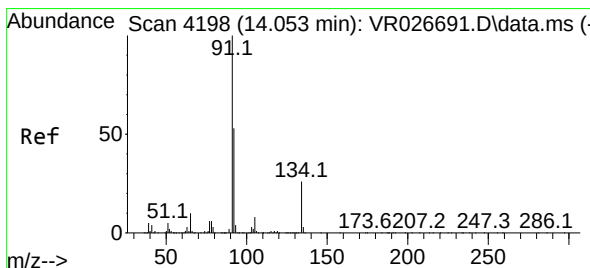
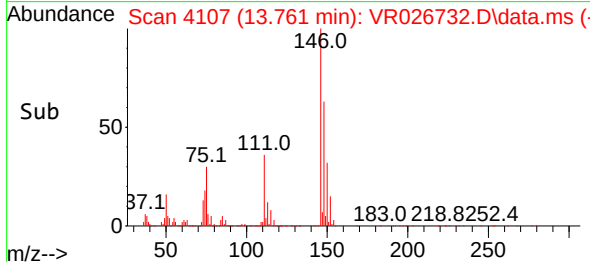
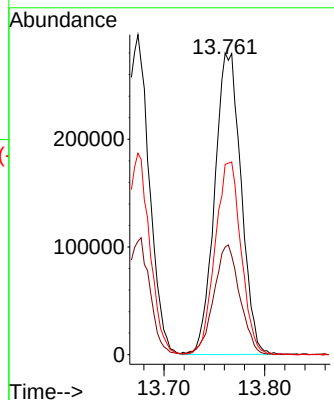
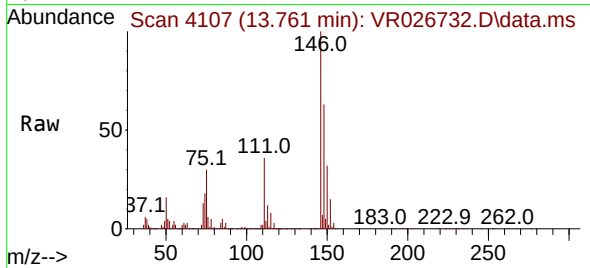




#87
 1,4-Dichlorobenzene
 Concen: 54.885 ug/l
 RT: 13.761 min Scan# 4110
 Delta R.T. -0.010 min
 Lab File: VR026732.D
 Acq: 11 Aug 2025 9:27

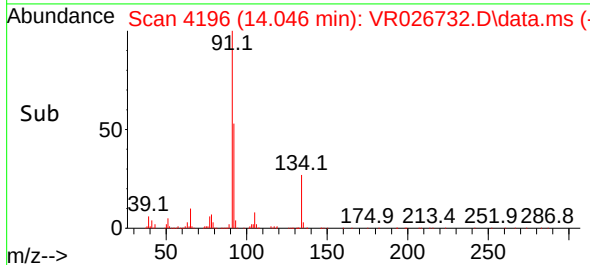
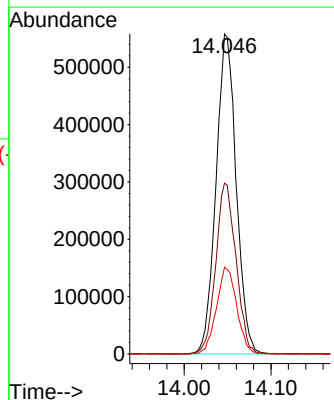
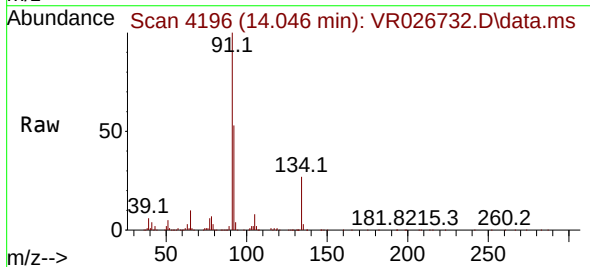
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDCCC050

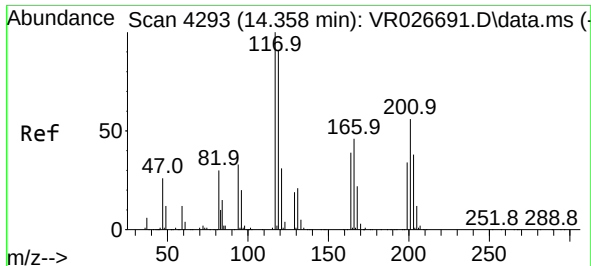
Tgt Ion:146 Resp: 511265
 Ion Ratio Lower Upper
 146 100
 111 35.9 19.1 57.3
 148 62.6 32.6 97.8



#88
 n-Butylbenzene
 Concen: 55.641 ug/l
 RT: 14.046 min Scan# 4196
 Delta R.T. -0.006 min
 Lab File: VR026732.D
 Acq: 11 Aug 2025 9:27

Tgt Ion: 91 Resp: 902233
 Ion Ratio Lower Upper
 91 100
 92 53.4 27.1 81.2
 134 27.2 13.1 39.3

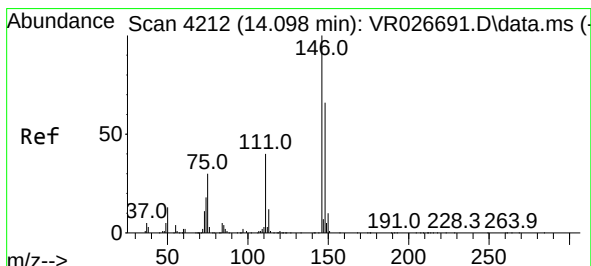
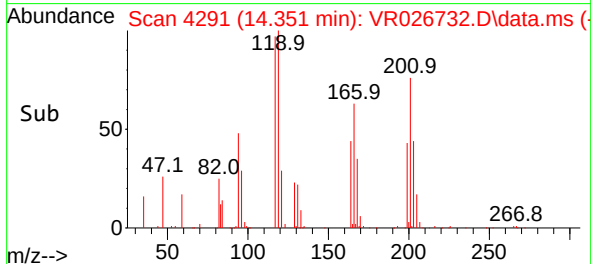
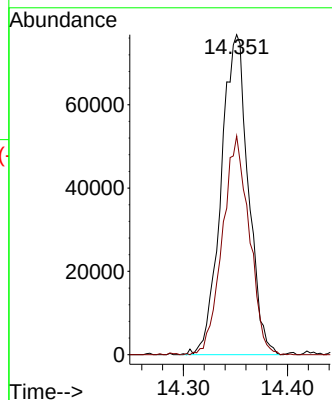
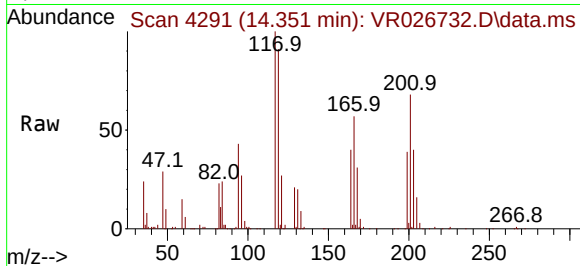




#89
Hexachloroethane
Concen: 55.310 ug/l
RT: 14.351 min Scan# 41
Delta R.T. -0.006 min
Lab File: VR026732.D
Acq: 11 Aug 2025 9:27

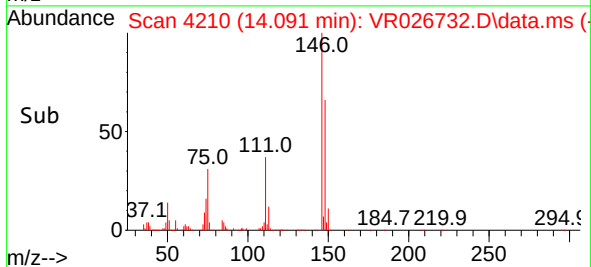
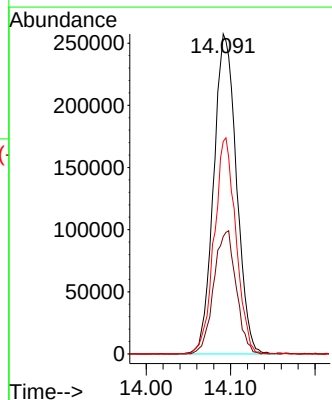
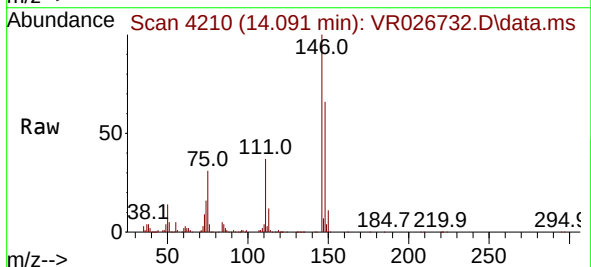
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050

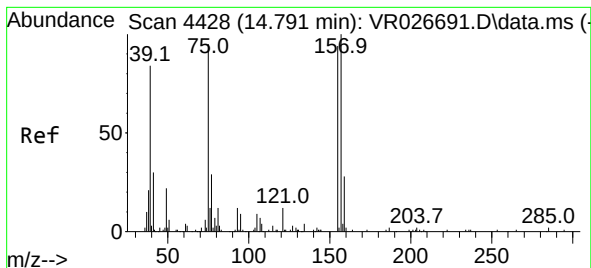
Tgt Ion:117 Resp: 139733
Ion Ratio Lower Upper
117 100
201 67.3 30.6 92.0



#90
1,2-Dichlorobenzene
Concen: 55.382 ug/l
RT: 14.091 min Scan# 4210
Delta R.T. -0.006 min
Lab File: VR026732.D
Acq: 11 Aug 2025 9:27

Tgt Ion:146 Resp: 482744
Ion Ratio Lower Upper
146 100
111 37.8 20.0 60.0
148 64.2 32.4 97.0

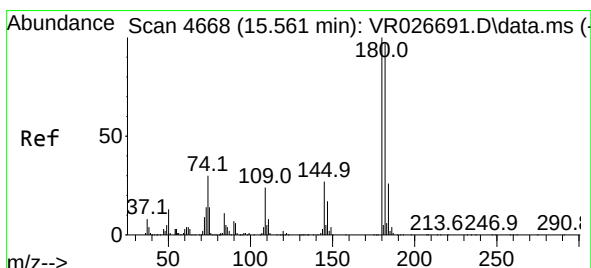
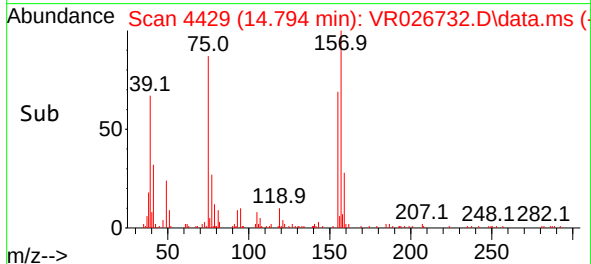
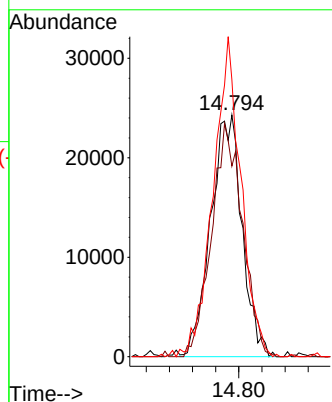
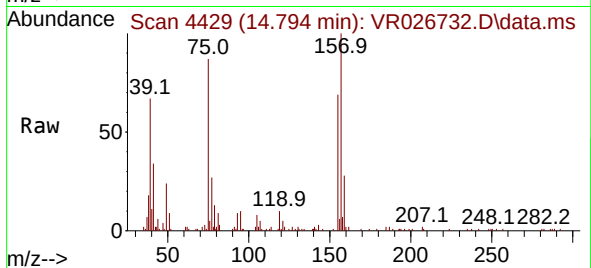




#91
 1,2-Dibromo-3-Chloropropane
 Concen: 57.098 ug/l
 RT: 14.794 min Scan# 4428
 Delta R.T. 0.003 min
 Lab File: VR026732.D
 Acq: 11 Aug 2025 9:27

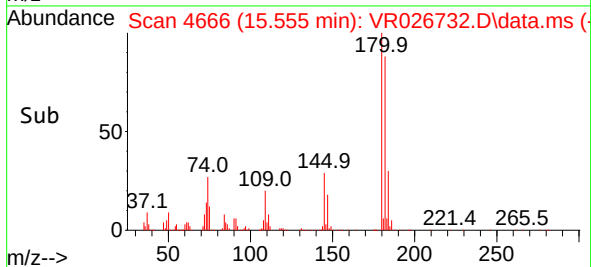
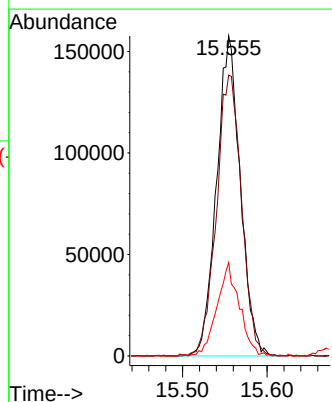
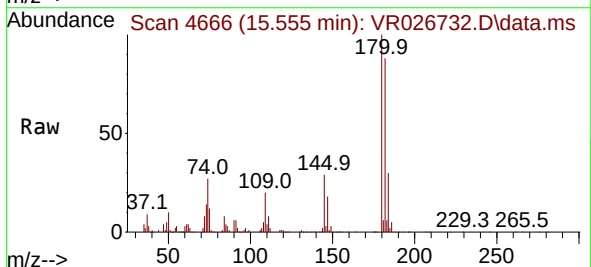
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDCCC050

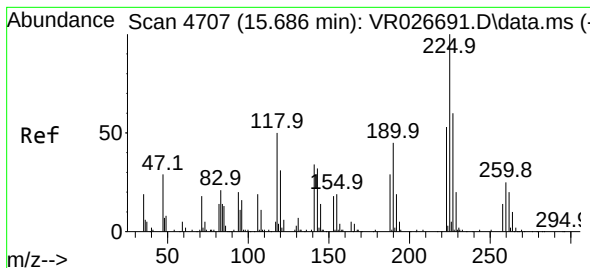
Tgt Ion: 75 Resp: 45633
 Ion Ratio Lower Upper
 75 100
 155 95.3 48.0 144.2
 157 117.6 59.5 178.4



#92
 1,2,4-Trichlorobenzene
 Concen: 58.830 ug/l
 RT: 15.555 min Scan# 4666
 Delta R.T. -0.006 min
 Lab File: VR026732.D
 Acq: 11 Aug 2025 9:27

Tgt Ion: 180 Resp: 306631
 Ion Ratio Lower Upper
 180 100
 182 93.0 47.0 141.0
 145 27.5 15.2 45.5





#93

Hexachlorobutadiene

Concen: 56.287 ug/l

RT: 15.676 min Scan# 41

Delta R.T. -0.010 min

Lab File: VR026732.D

Acq: 11 Aug 2025 9:27

Instrument :

MSVOA_R

ClientSampleId :

VSTDCCC050

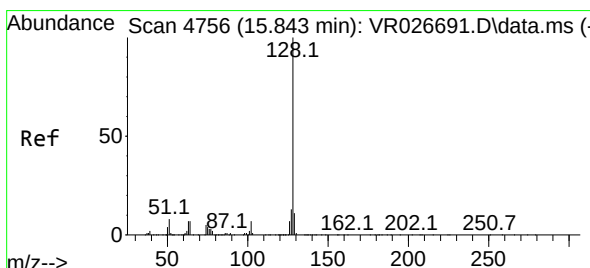
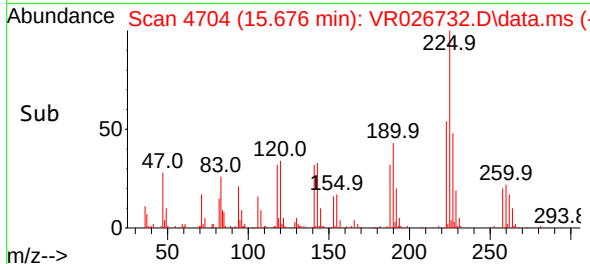
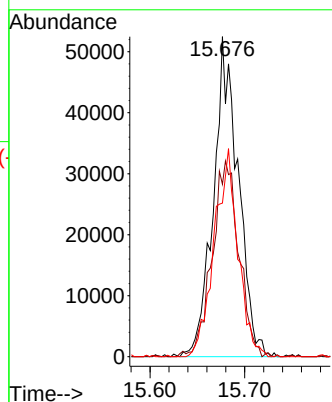
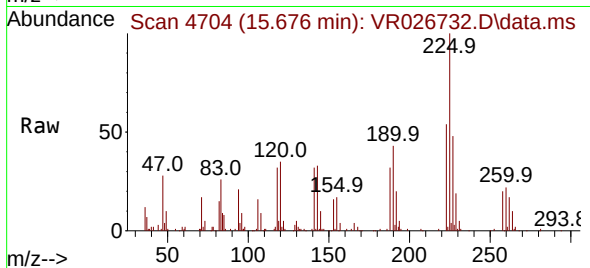
Tgt Ion:225 Resp: 95323

Ion Ratio Lower Upper

225 100

223 63.5 31.4 94.2

227 62.2 31.6 95.0



#94

Naphthalene

Concen: 60.745 ug/l

RT: 15.837 min Scan# 4754

Delta R.T. -0.006 min

Lab File: VR026732.D

Acq: 11 Aug 2025 9:27

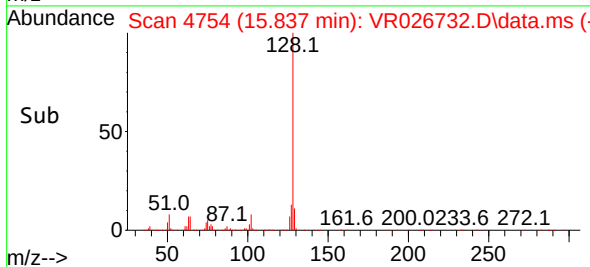
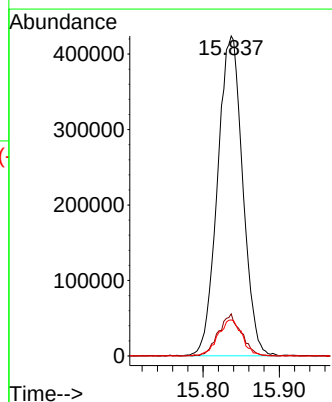
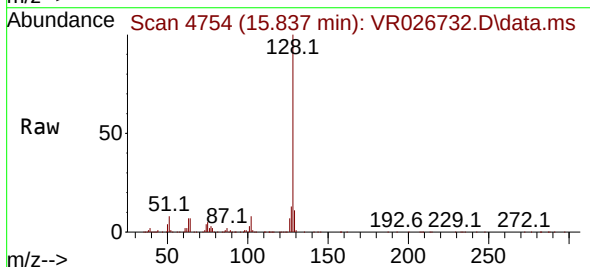
Tgt Ion:128 Resp: 970246

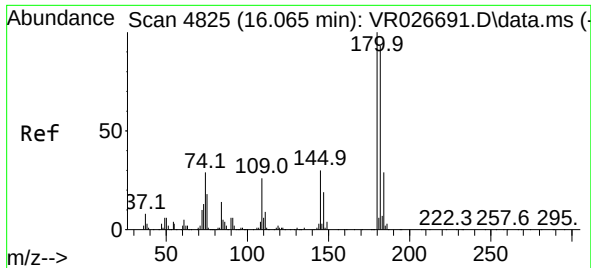
Ion Ratio Lower Upper

128 100

127 11.9 9.8 14.8

129 10.9 8.6 13.0





#95
 1,2,3-Trichlorobenzene
 Concen: 59.823 ug/l
 RT: 16.058 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VR026732.D
 Acq: 11 Aug 2025 9:27

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.2	141.6
145	31.4	15.5	46.5

