

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR100325\
 Data File : VR026777.D
 Acq On : 3 Oct 2025 16:41
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5mL/MSVOA_R/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Oct 04 04:33:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_T\methods\82R100325W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 04 04:30:20 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.778	168	1260329	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.753	114	2043277	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.902	117	1920877	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.106	152	1288711	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.160	65	316008	20.858	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.720%	
35) Dibromofluoromethane	7.701	113	234672	20.863	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.720%	
50) Toluene-d8	10.416	98	1015278	21.828	ug/l	0.00
Spiked Amount	50.000		Recovery	=	43.660%	
62) 4-Bromofluorobenzene	13.031	95	408470	19.992	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.980%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.984	85	269987	22.369	ug/l	98
3) Chloromethane	2.196	50	319051	19.456	ug/l	98
4) Vinyl Chloride	2.319	62	243530	21.011	ug/l	98
5) Bromomethane	2.678	94	129063	35.754	ug/l	100
6) Chloroethane	2.831	64	140389	21.884	ug/l	93
7) Trichlorofluoromethane	3.154	101	431132	21.817	ug/l	98
8) Diethyl Ether	3.553	74	178569	19.905	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.900	101	242678	20.136	ug/l	99
10) Methyl Iodide	4.088	142	323090	20.135	ug/l	99
11) Tert butyl alcohol	4.940	59	347228	94.393	ug/l	100
12) 1,1-Dichloroethene	3.876	96	264483	20.920	ug/l	99
13) Acrolein	3.741	56	346733	93.026	ug/l	98
14) Allyl chloride	4.464	41	541771	20.806	ug/l	98
15) Acrylonitrile	5.122	53	1019008	102.463	ug/l	100
16) Acetone	3.959	43	959994	95.267	ug/l	99
17) Carbon Disulfide	4.194	76	613700	21.011	ug/l	97
18) Methyl Acetate	4.470	43	503352	20.757	ug/l	100
19) Methyl tert-butyl Ether	5.193	73	899376	20.672	ug/l	97
20) Methylene Chloride	4.681	84	309953	20.168	ug/l	97
21) trans-1,2-Dichloroethene	5.175	96	276170	20.189	ug/l	96
22) Diisopropyl ether	6.080	45	1039557	21.021	ug/l	98
23) Vinyl Acetate	6.009	43	3807567	114.479	ug/l #	93
24) 1,1-Dichloroethane	5.956	63	512685	20.644	ug/l	98
25) 2-Butanone	6.943	43	1471679	102.465	ug/l	98
26) 2,2-Dichloropropane	6.943	77	382713	21.238	ug/l	100
27) cis-1,2-Dichloroethene	6.932	96	326017	20.666	ug/l	98
28) Bromochloromethane	7.302	49	250234	20.180	ug/l	99
29) Tetrahydrofuran	7.331	42	957467	102.424	ug/l	99
30) Chloroform	7.478	83	487480	20.424	ug/l	100
31) Cyclohexane	7.790	56	524204	20.184	ug/l	97
32) 1,1,1-Trichloroethane	7.696	97	417124	20.730	ug/l	99
36) 1,1-Dichloropropene	7.925	75	369645	20.399	ug/l	99
37) Ethyl Acetate	7.043	43	538259	20.362	ug/l	99
38) Carbon Tetrachloride	7.907	117	329764	20.735	ug/l	99
39) Methylcyclohexane	9.305	83	477015	20.555	ug/l	98
40) Benzene	8.183	78	1173277	20.692	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.272	41	293008	20.685	ug/l	97
42) 1,2-Dichloroethane	8.260	62	375019	20.129	ug/l	100
43) Isopropyl Acetate	8.307	43	793669	21.382	ug/l	100
44) Trichloroethene	9.029	130	284981	20.253	ug/l	94
45) 1,2-Dichloropropane	9.335	63	267875	20.082	ug/l	98
46) Dibromomethane	9.435	93	180083	20.261	ug/l	97
47) Bromodichloromethane	9.646	83	352945	20.748	ug/l	100
48) Methyl methacrylate	9.423	41	392156	20.460	ug/l	99
49) 1,4-Dioxane	9.429	88	173205	381.634	ug/l	96
51) 4-Methyl-2-Pentanone	10.293	43	2700267	110.613	ug/l	91
52) Toluene	10.486	92	763803	20.666	ug/l	97
53) t-1,3-Dichloropropene	10.733	75	402049	21.000	ug/l	98
54) cis-1,3-Dichloropropene	10.128	75	429153	21.343	ug/l	98
55) 1,1,2-Trichloroethane	10.939	97	265653	20.330	ug/l	96
56) Ethyl methacrylate	10.786	69	505704	20.844	ug/l	98
57) 1,3-Dichloropropane	11.103	76	483611	20.426	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.963	63	217504	86.048	ug/l	98
59) 2-Hexanone	11.150	43	2186857	103.810	ug/l	94
60) Dibromochloromethane	11.327	129	268092	21.253	ug/l	97
61) 1,2-Dibromoethane	11.444	107	279977	20.124	ug/l	99
64) Tetrachloroethene	11.027	164	258789	20.284	ug/l	98
65) Chlorobenzene	11.932	112	869283	20.455	ug/l	98
66) 1,1,1,2-Tetrachloroethane	12.014	131	258504	20.972	ug/l	99
67) Ethyl Benzene	12.020	91	1538487	21.759	ug/l	93
68) m/p-Xylenes	12.143	106	1221402	42.272	ug/l	90
69) o-Xylene	12.519	106	593990	21.059	ug/l	97
70) Styrene	12.537	104	1053506	21.232	ug/l	99
71) Bromoform	12.725	173	193374	20.319	ug/l #	99
73) Isopropylbenzene	12.860	105	1553567	22.292	ug/l	97
74) N-amyl acetate	12.643	43	805390	20.712	ug/l	99
75) 1,1,2,2-Tetrachloroethane	13.142	83	463383	20.071	ug/l	98
76) 1,2,3-Trichloropropane	13.201	75	641689	29.999	ug/l	68
77) Bromobenzene	13.183	156	403260	20.813	ug/l	97
78) n-propylbenzene	13.248	91	1900268	22.115	ug/l	97
79) 2-Chlorotoluene	13.348	91	1133153	21.155	ug/l	99
80) 1,3,5-Trimethylbenzene	13.407	105	1378042	21.861	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.907	75	155039	20.804	ug/l	96
82) 4-Chlorotoluene	13.459	91	1231331	20.799	ug/l	98
83) tert-Butylbenzene	13.706	119	1225254	21.807	ug/l	98
84) 1,2,4-Trimethylbenzene	13.753	105	1434932	21.213	ug/l	99
85) sec-Butylbenzene	13.906	105	1800648	22.041	ug/l	97
86) p-Isopropyltoluene	14.035	119	1616739	21.799	ug/l	97
87) 1,3-Dichlorobenzene	14.041	146	853601	19.971	ug/l	99
88) 1,4-Dichlorobenzene	14.129	146	886549	19.715	ug/l	98
89) n-Butylbenzene	14.405	91	1554441	21.417	ug/l	97
90) Hexachloroethane	14.723	117	210507	21.268	ug/l	100
91) 1,2-Dichlorobenzene	14.464	146	884016	20.729	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	15.169	75	130433	22.276	ug/l	99
93) 1,2,4-Trichlorobenzene	15.980	180	625939	20.272	ug/l	99
94) Hexachlorobutadiene	16.109	225	267060	20.034	ug/l	99
95) Naphthalene	16.286	128	1930057	19.436	ug/l	99
96) 1,2,3-Trichlorobenzene	16.526	180	610981	20.460	ug/l	99

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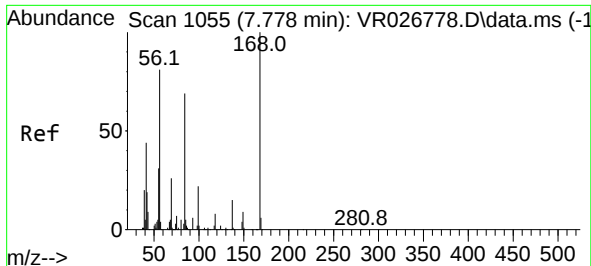
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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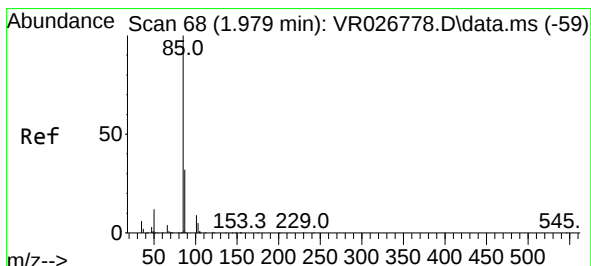
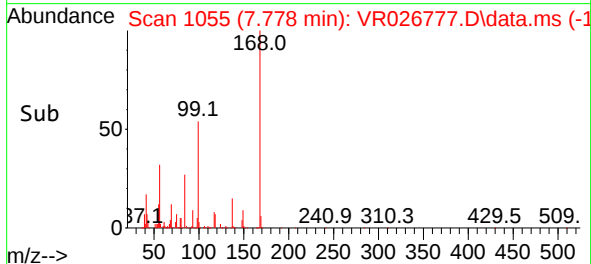
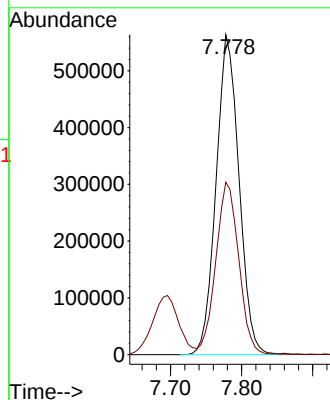
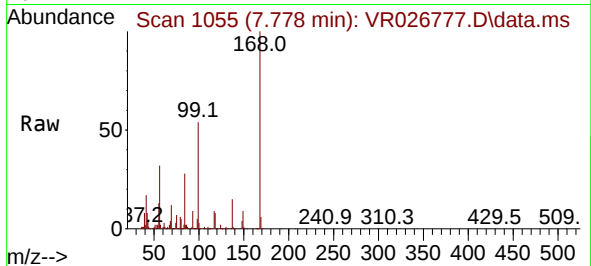




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.778 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VR026777.D
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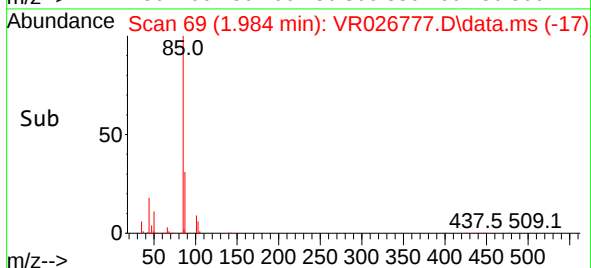
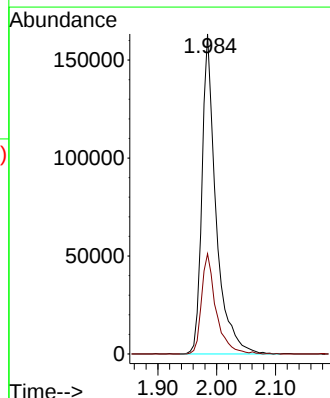
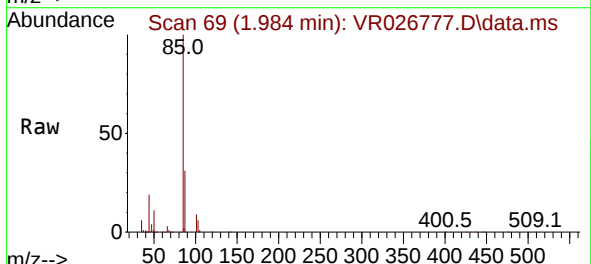
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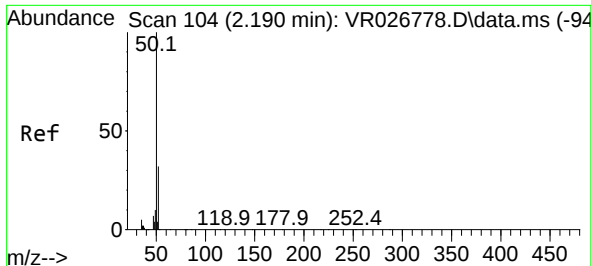
Tgt Ion:168 Resp: 1260329
Ion Ratio Lower Upper
168 100
99 53.8 41.8 62.6



#2
Dichlorodifluoromethane
Concen: 22.369 ug/l
RT: 1.984 min Scan# 69
Delta R.T. 0.006 min
Lab File: VR026777.D
Acq: 3 Oct 2025 16:41

Tgt Ion: 85 Resp: 269987
Ion Ratio Lower Upper
85 100
87 31.3 16.2 48.6

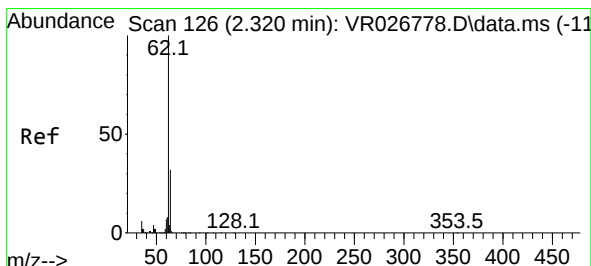
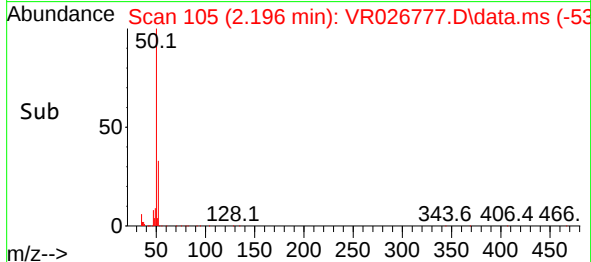
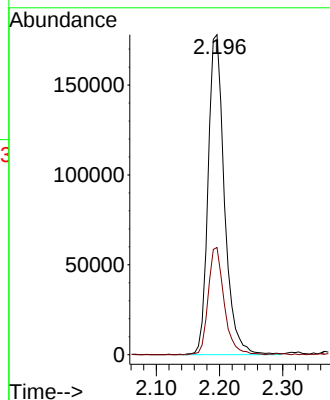
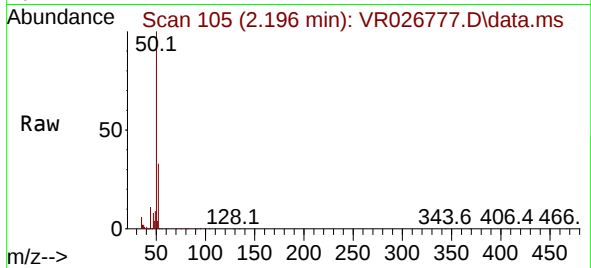




#3
Chloromethane
Concen: 19.456 ug/l
RT: 2.196 min Scan# 104
Delta R.T. 0.006 min
Lab File: VR026777.D
Acq: 3 Oct 2025 16:41

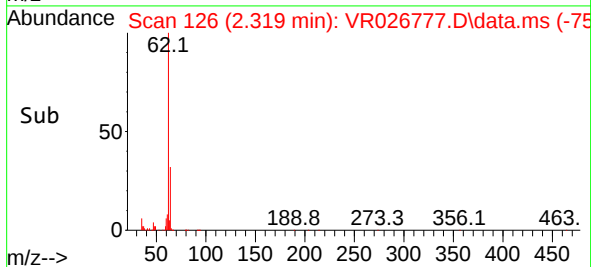
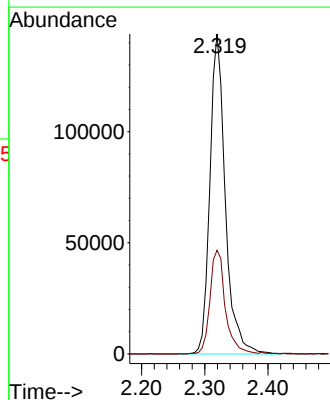
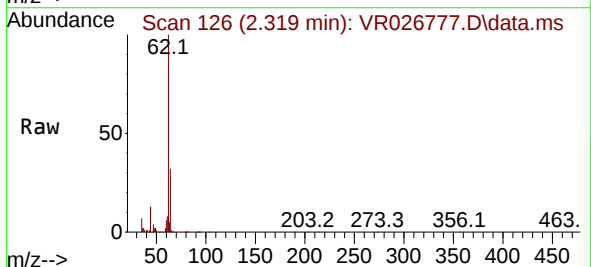
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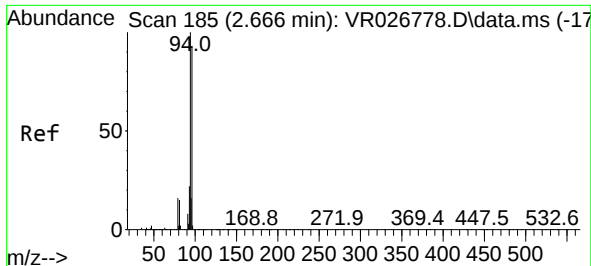
Tgt Ion: 50 Resp: 319051
Ion Ratio Lower Upper
50 100
52 33.4 25.7 38.5



#4
Vinyl Chloride
Concen: 21.011 ug/l
RT: 2.319 min Scan# 126
Delta R.T. -0.000 min
Lab File: VR026777.D
Acq: 3 Oct 2025 16:41

Tgt Ion: 62 Resp: 243530
Ion Ratio Lower Upper
62 100
64 32.4 25.2 37.8

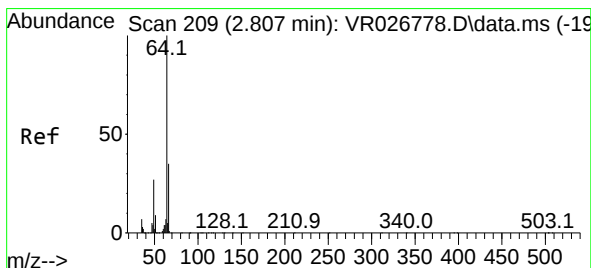
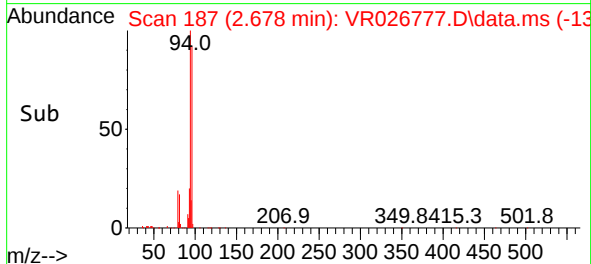
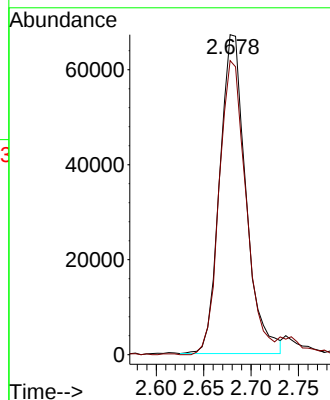
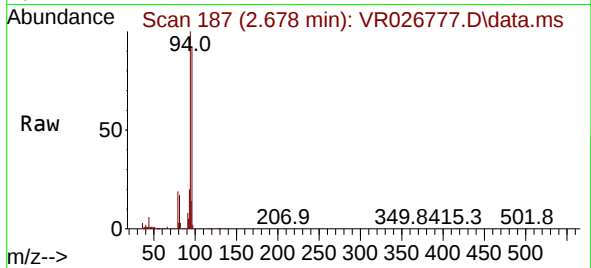




#5
Bromomethane
Concen: 35.754 ug/l
RT: 2.678 min Scan# 11
Delta R.T. 0.012 min
Lab File: VR026777.D
Acq: 3 Oct 2025 16:41

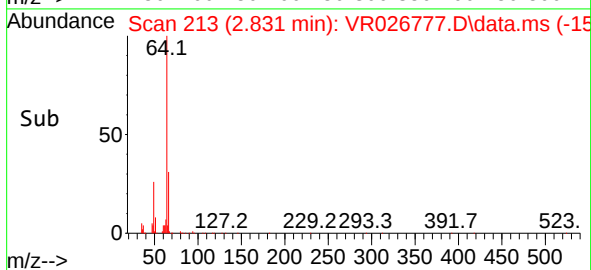
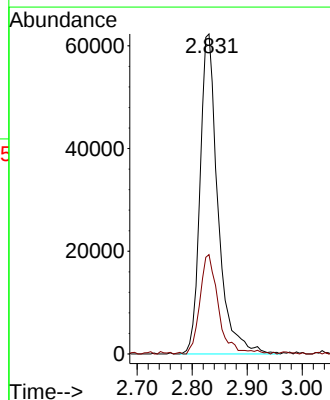
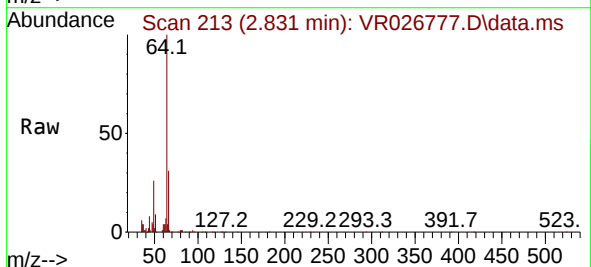
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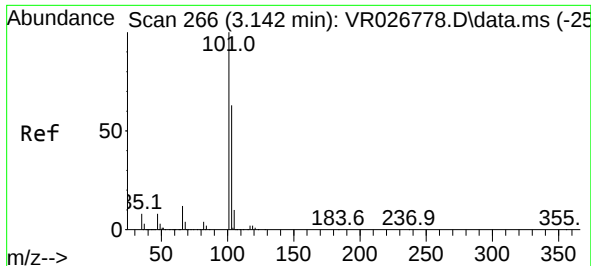
Tgt Ion: 94 Resp: 129063
Ion Ratio Lower Upper
94 100
96 92.2 74.2 111.2



#6
Chloroethane
Concen: 21.884 ug/l
RT: 2.831 min Scan# 213
Delta R.T. 0.023 min
Lab File: VR026777.D
Acq: 3 Oct 2025 16:41

Tgt Ion: 64 Resp: 140389
Ion Ratio Lower Upper
64 100
66 30.7 27.8 41.8

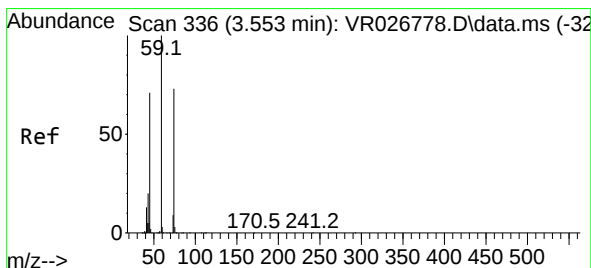
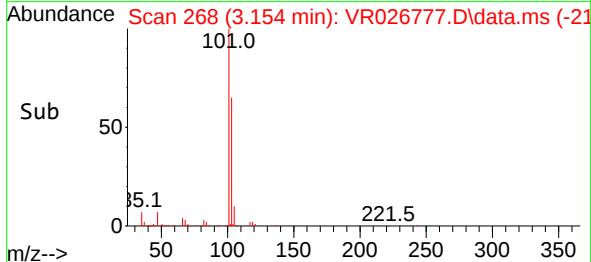
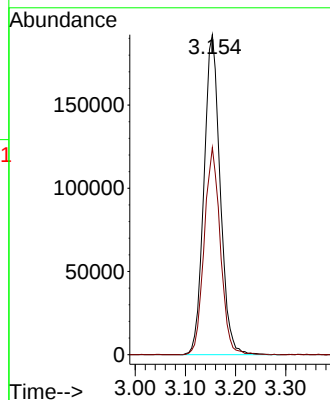
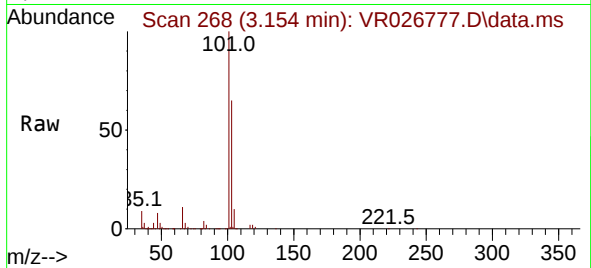




#7
 Trichlorofluoromethane
 Concen: 21.817 ug/l
 RT: 3.154 min Scan# 20
 Delta R.T. 0.012 min
 Lab File: VR026777.D
 Acq: 3 Oct 2025 16:41

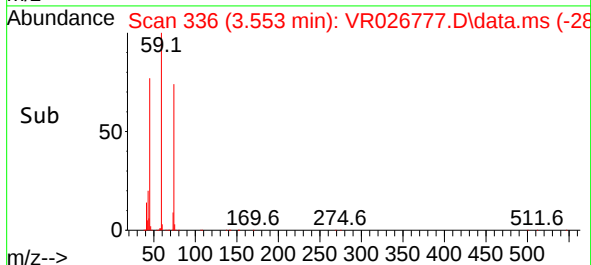
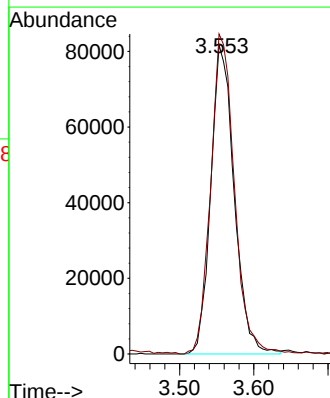
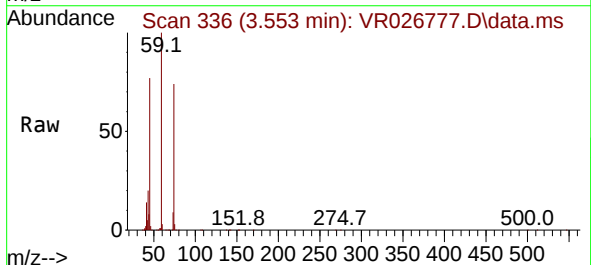
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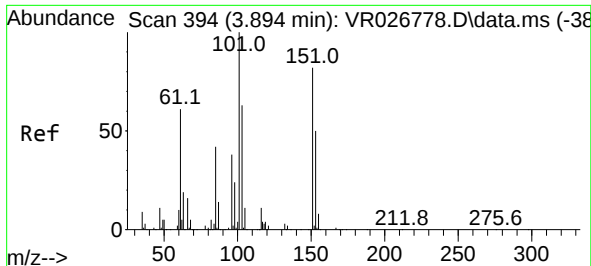
Tgt Ion:101 Resp: 431132
 Ion Ratio Lower Upper
 101 100
 103 64.7 50.8 76.2



#8
 Diethyl Ether
 Concen: 19.905 ug/l
 RT: 3.553 min Scan# 336
 Delta R.T. -0.000 min
 Lab File: VR026777.D
 Acq: 3 Oct 2025 16:41

Tgt Ion: 74 Resp: 178569
 Ion Ratio Lower Upper
 74 100
 45 105.4 51.2 153.8

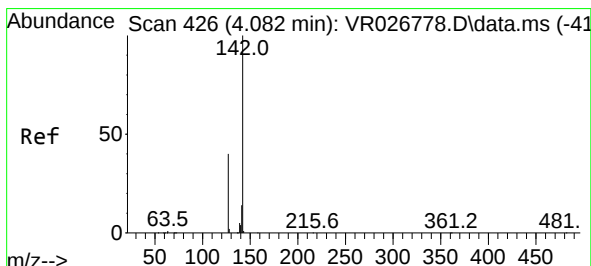
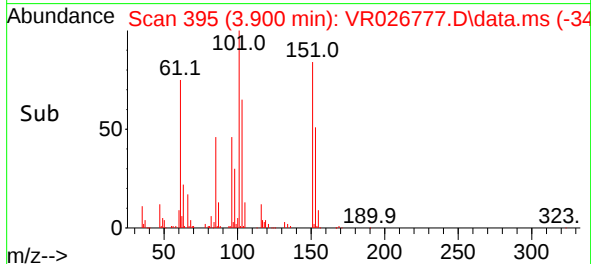
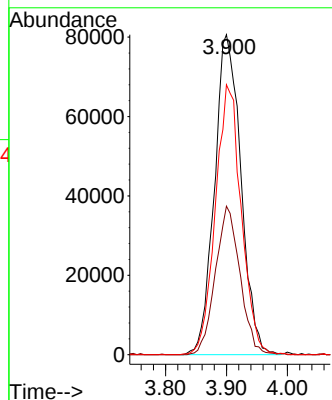
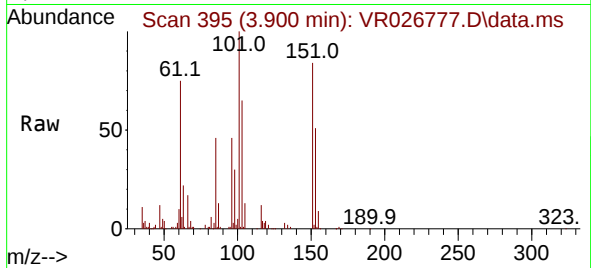




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.136 ug/l
RT: 3.900 min Scan# 394
Delta R.T. 0.006 min
Lab File: VR026777.D
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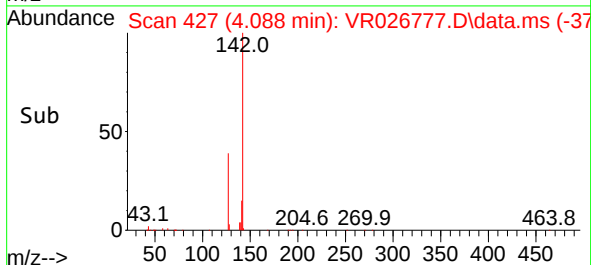
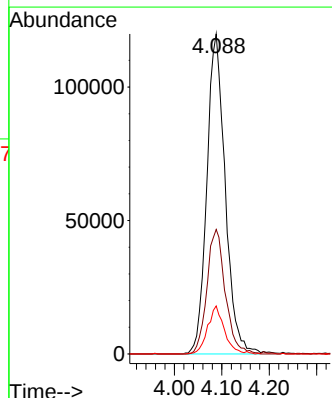
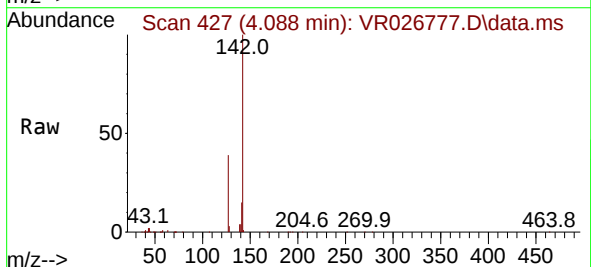
Instrument :
MSVOA_R
ClientSampleId :

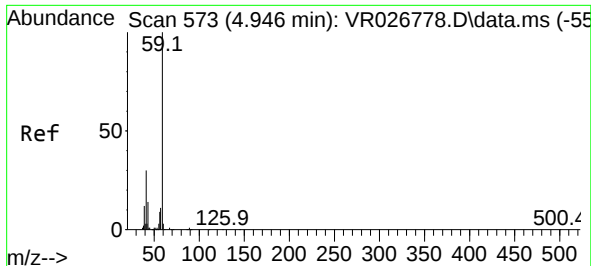
Tgt Ion:101 Resp: 242678
Ion Ratio Lower Upper
101 100
85 43.3 34.5 51.7
151 82.6 65.0 97.6



#10
Methyl Iodide
Concen: 20.135 ug/l
RT: 4.088 min Scan# 427
Delta R.T. 0.006 min
Lab File: VR026777.D
Acq: 3 Oct 2025 16:41

Tgt Ion:142 Resp: 323090
Ion Ratio Lower Upper
142 100
127 38.9 31.4 47.0
141 13.8 11.4 17.0

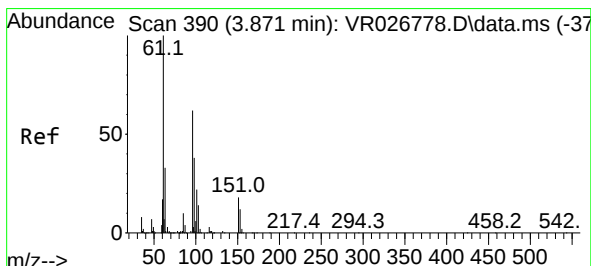
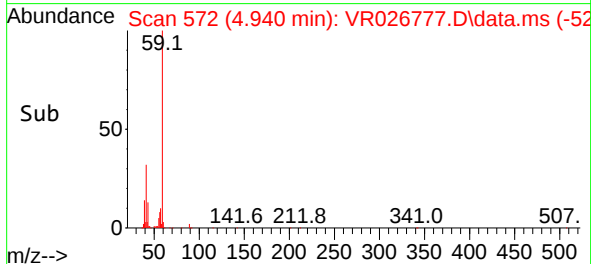
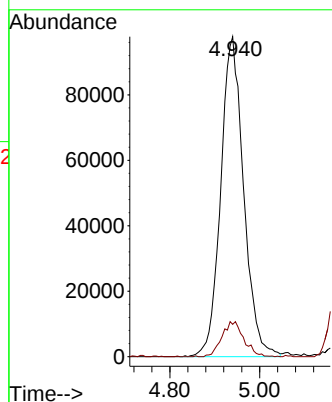
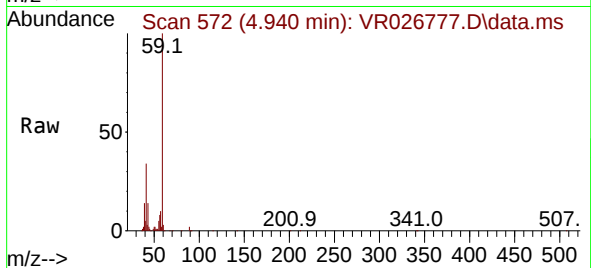




#11
Tert butyl alcohol
Concen: 94.393 ug/l
RT: 4.940 min Scan# 51
Delta R.T. -0.006 min
Lab File: VR026777.D
Acq: 3 Oct 2025 16:41

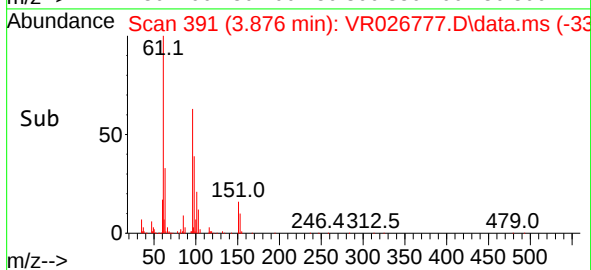
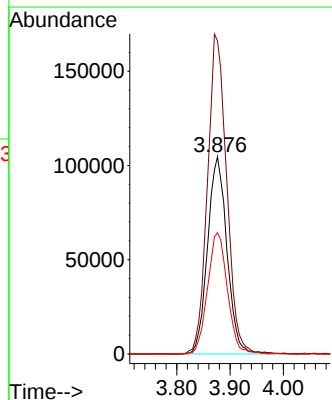
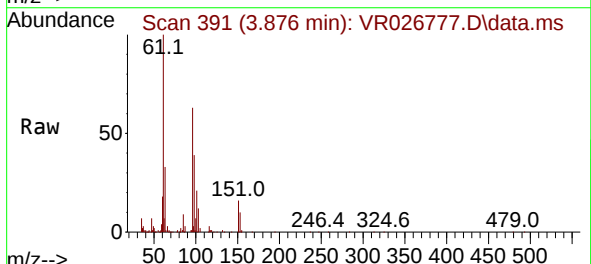
Instrument :
MSVOA_R
ClientSampleId :

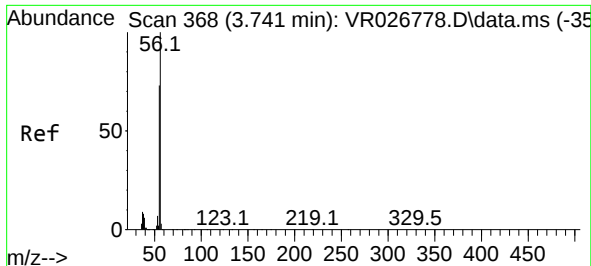
Tgt Ion: 59 Resp: 347228
Ion Ratio Lower Upper
59 100
57 10.5 8.3 12.5



#12
1,1-Dichloroethene
Concen: 20.920 ug/l
RT: 3.876 min Scan# 391
Delta R.T. 0.006 min
Lab File: VR026777.D
Acq: 3 Oct 2025 16:41

Tgt Ion: 96 Resp: 264483
Ion Ratio Lower Upper
96 100
61 158.7 128.1 192.1
98 61.4 48.6 72.8

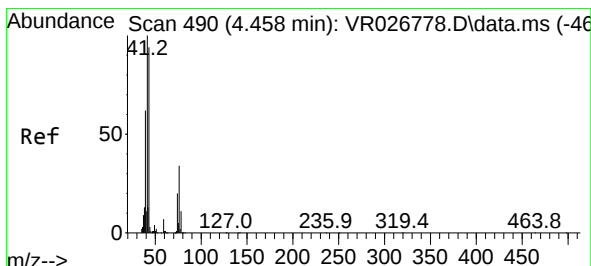
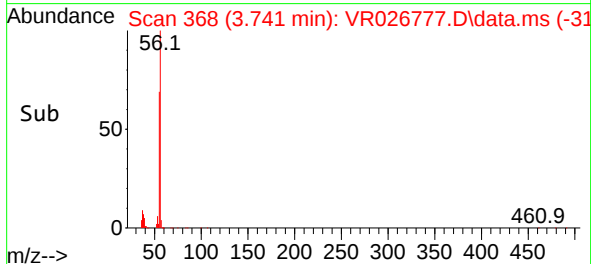
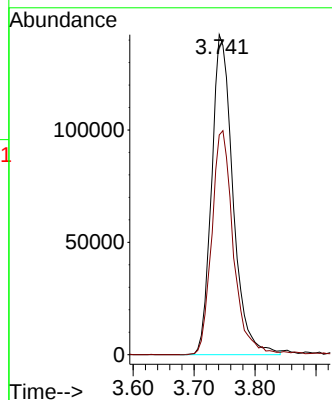
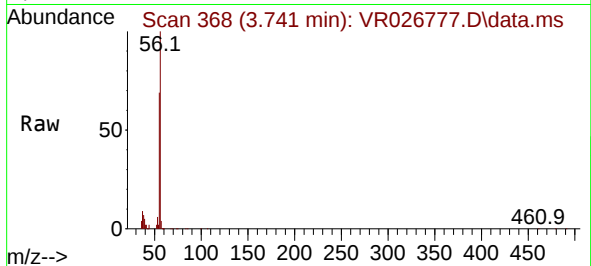




#13
Acrolein
Concen: 93.026 ug/l
RT: 3.741 min Scan# 30
Delta R.T. -0.000 min
Lab File: VR026777.D
Acq: 3 Oct 2025 16:41

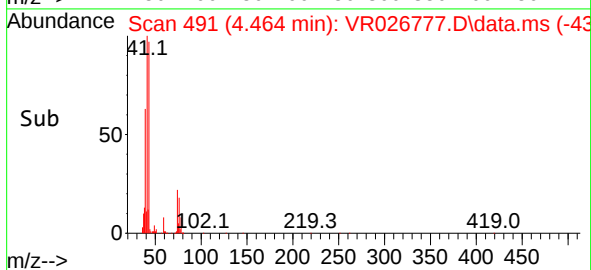
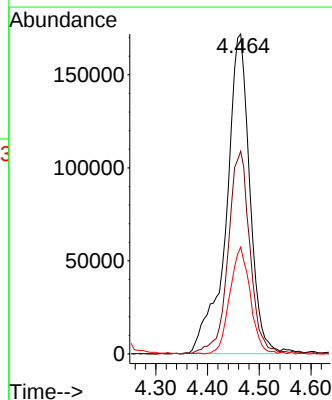
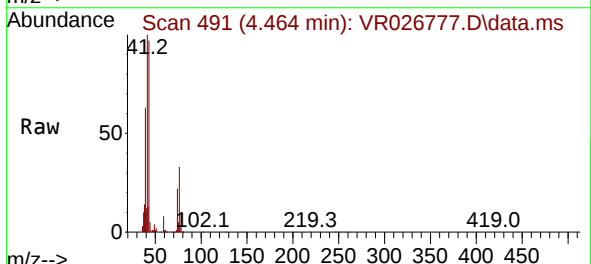
Instrument :
MSVOA_R
ClientSampleId :

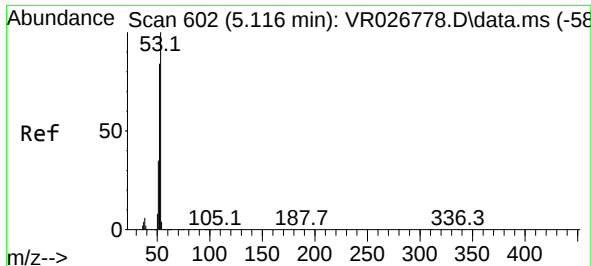
Tgt Ion: 56 Resp: 346733
Ion Ratio Lower Upper
56 100
55 70.5 57.5 86.3



#14
Allyl chloride
Concen: 20.806 ug/l
RT: 4.464 min Scan# 491
Delta R.T. 0.006 min
Lab File: VR026777.D
Acq: 3 Oct 2025 16:41

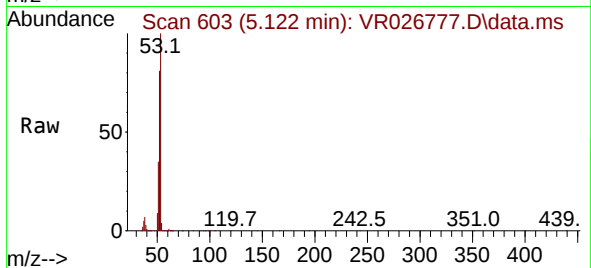
Tgt Ion: 41 Resp: 541771
Ion Ratio Lower Upper
41 100
39 59.1 46.0 69.0
76 29.3 23.1 34.7





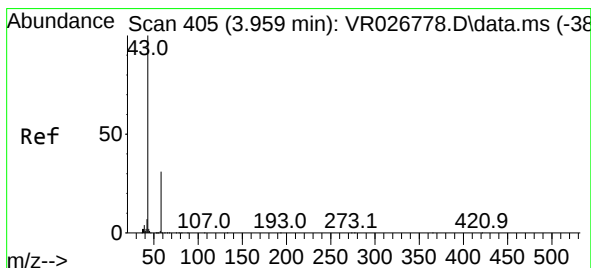
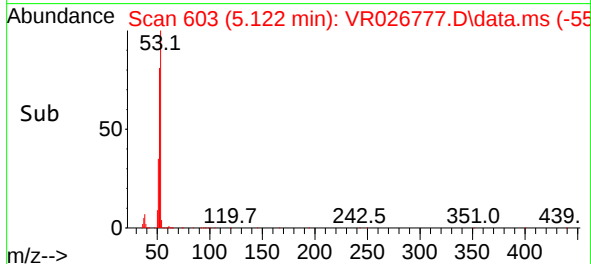
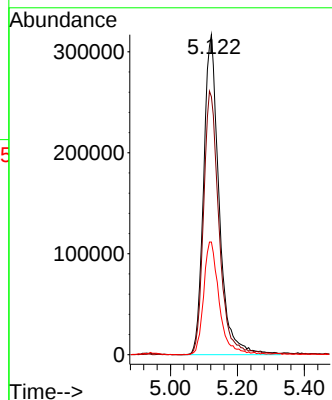
#15
Acrylonitrile
Concen: 102.463 ug/l
RT: 5.122 min Scan# 60
Delta R.T. 0.006 min
Lab File: VR026777.D
Acq: 3 Oct 2025 16:41

Instrument :
MSVOA_R
ClientSampleId :



Tgt Ion: 53 Resp: 1019008

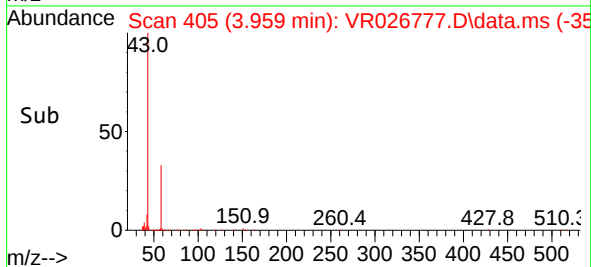
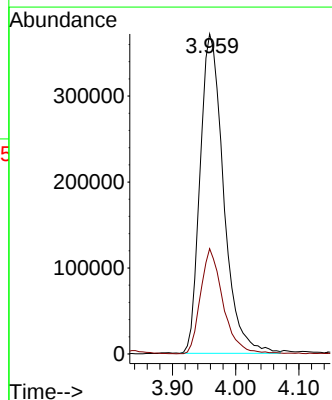
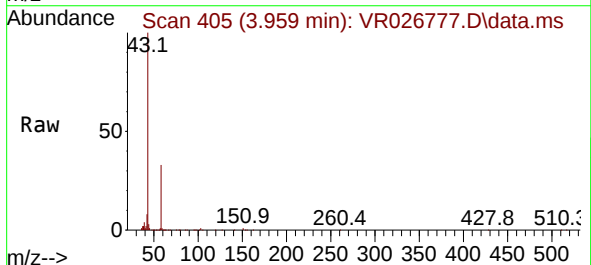
Ion	Ratio	Lower	Upper
53	100		
52	81.9	65.7	98.5
51	35.6	28.6	42.8

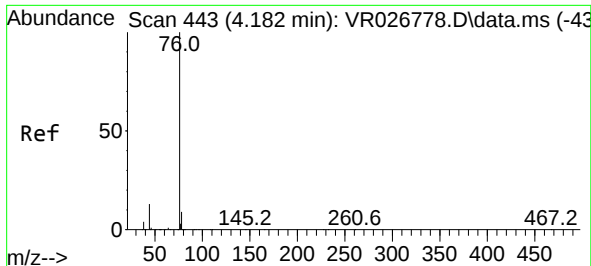


#16
Acetone
Concen: 95.267 ug/l
RT: 3.959 min Scan# 405
Delta R.T. -0.000 min
Lab File: VR026777.D
Acq: 3 Oct 2025 16:41

Tgt Ion: 43 Resp: 959994

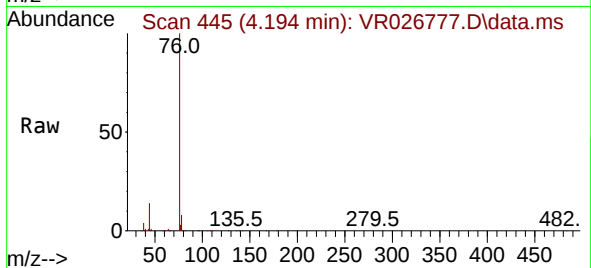
Ion	Ratio	Lower	Upper
43	100		
58	32.9	25.8	38.6



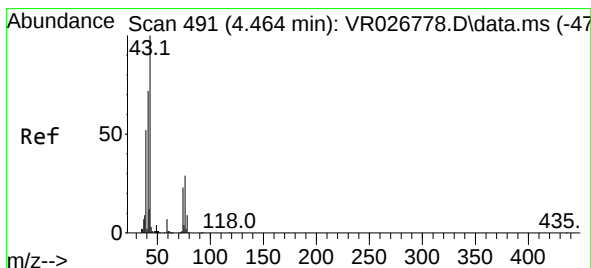
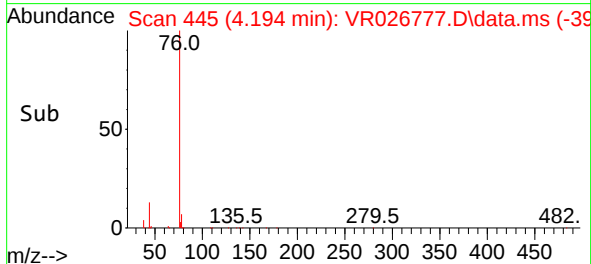
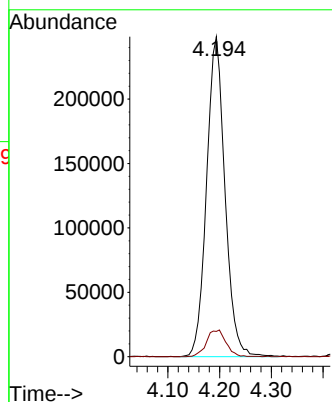


#17
Carbon Disulfide
Concen: 21.011 ug/l
RT: 4.194 min Scan# 44
Delta R.T. 0.012 min
Lab File: VR026777.D
Acq: 3 Oct 2025 16:41

Instrument :
MSVOA_R
ClientSampleId :

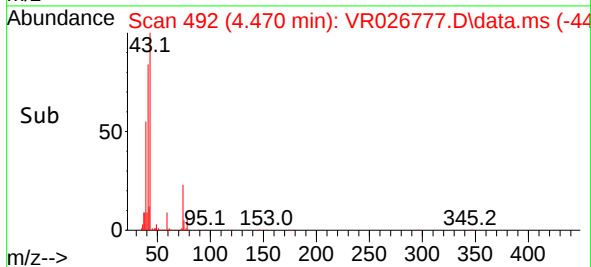
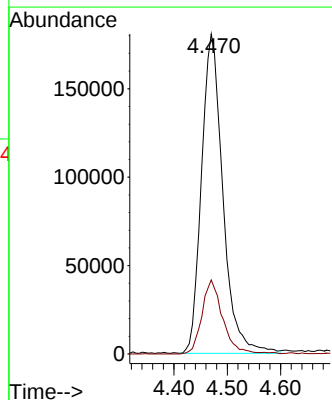
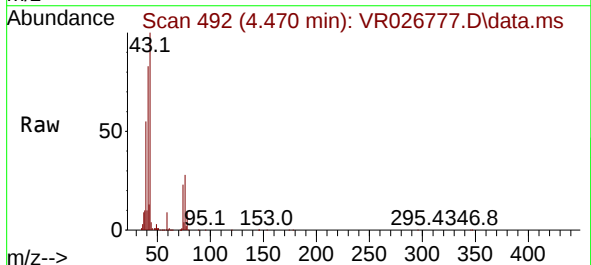


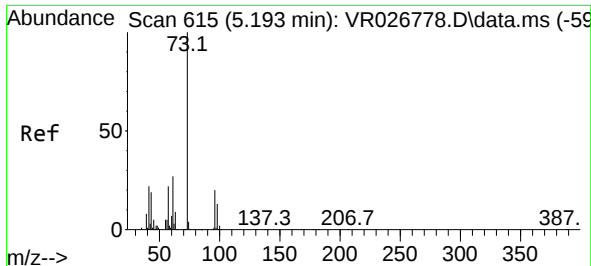
Tgt Ion: 76 Resp: 613700
Ion Ratio Lower Upper
76 100
78 7.9 7.0 10.6



#18
Methyl Acetate
Concen: 20.757 ug/l
RT: 4.470 min Scan# 492
Delta R.T. 0.006 min
Lab File: VR026777.D
Acq: 3 Oct 2025 16:41

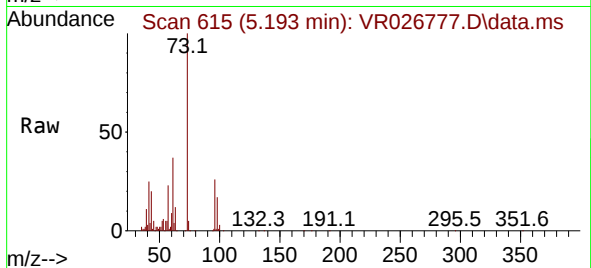
Tgt Ion: 43 Resp: 503352
Ion Ratio Lower Upper
43 100
74 22.6 17.9 26.9



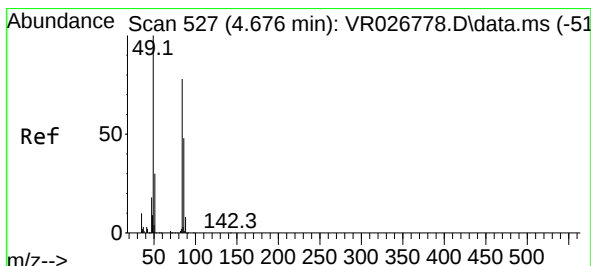
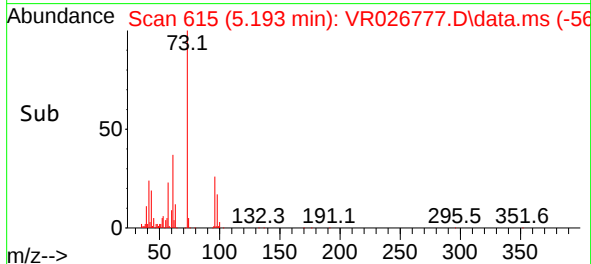
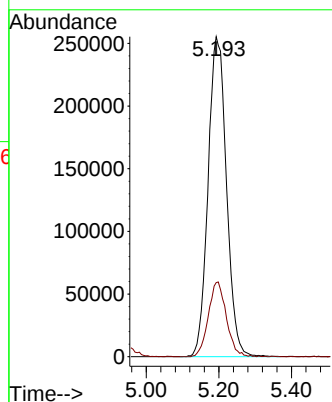


#19
Methyl tert-butyl Ether
Concen: 20.672 ug/l
RT: 5.193 min Scan# 615
Delta R.T. -0.000 min
Lab File: VR026777.D
Acq: 3 Oct 2025 16:41

Instrument :
MSVOA_R
ClientSampleId :

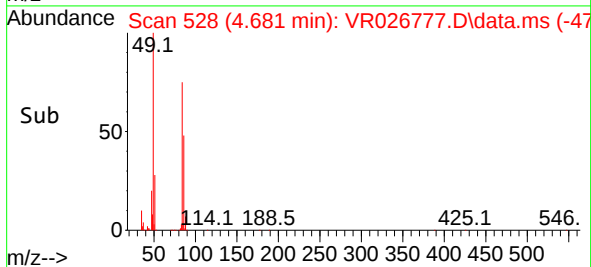
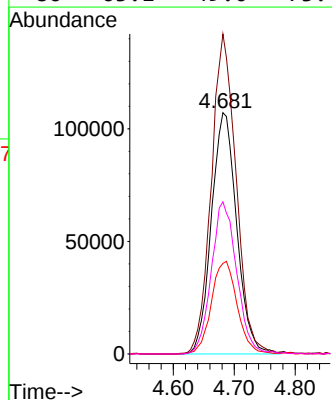
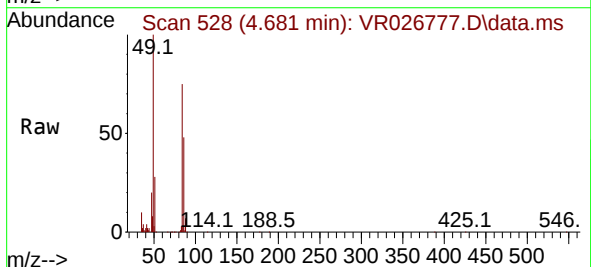


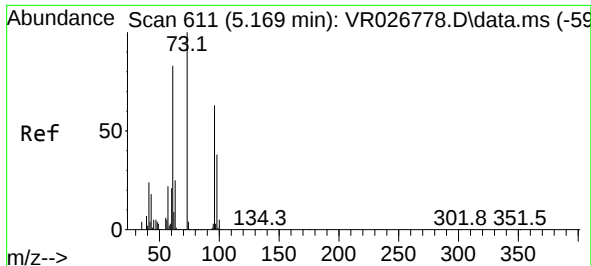
Tgt Ion: 73 Resp: 899376
Ion Ratio Lower Upper
73 100
57 23.2 17.4 26.0



#20
Methylene Chloride
Concen: 20.168 ug/l
RT: 4.681 min Scan# 528
Delta R.T. 0.006 min
Lab File: VR026777.D
Acq: 3 Oct 2025 16:41

Tgt Ion: 84 Resp: 309953
Ion Ratio Lower Upper
84 100
49 132.4 102.8 154.2
51 37.6 30.9 46.3
86 63.1 49.0 73.4

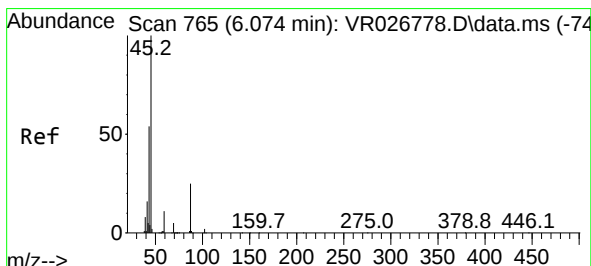
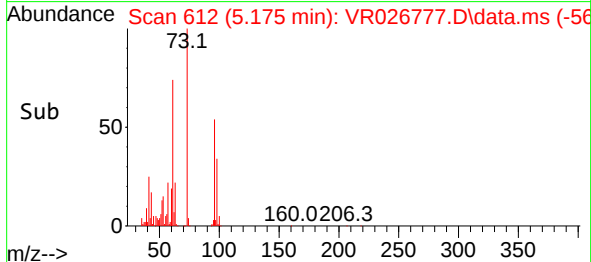
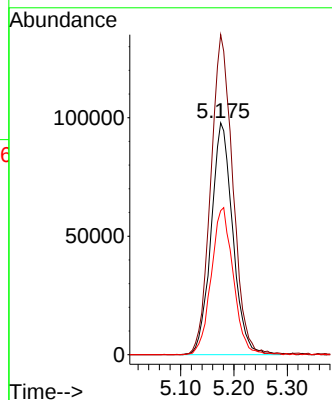
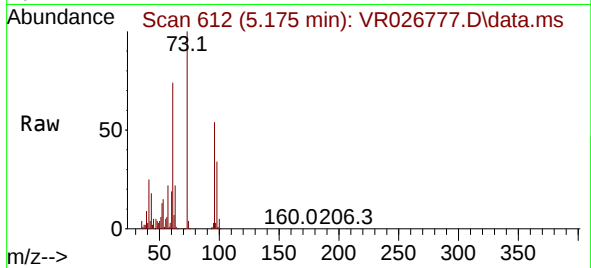




#21
trans-1,2-Dichloroethene
Concen: 20.189 ug/l
RT: 5.175 min Scan# 611
Delta R.T. 0.006 min
Lab File: VR026777.D
Acq: 3 Oct 2025 16:41

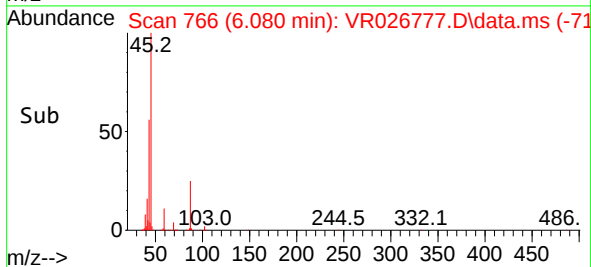
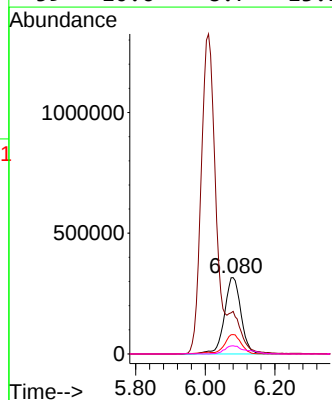
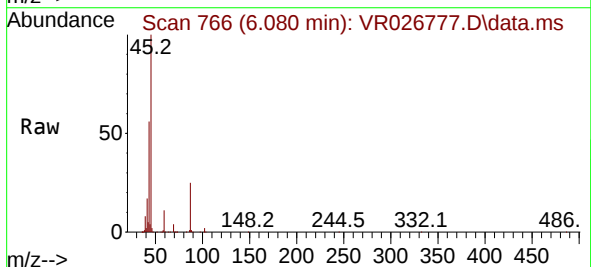
Instrument :
MSVOA_R
ClientSampleId :

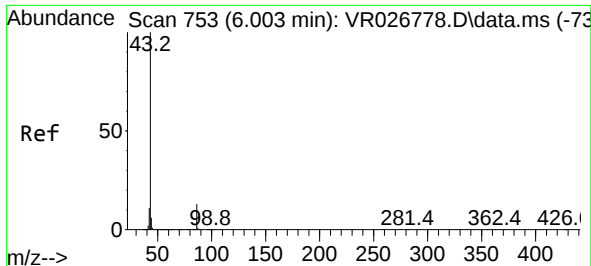
Tgt Ion: 96 Resp: 276170
Ion Ratio Lower Upper
96 100
61 138.0 105.5 158.3
98 62.1 48.7 73.1



#22
Diisopropyl ether
Concen: 21.021 ug/l
RT: 6.080 min Scan# 766
Delta R.T. 0.006 min
Lab File: VR026777.D
Acq: 3 Oct 2025 16:41

Tgt Ion: 45 Resp: 1039557
Ion Ratio Lower Upper
45 100
43 55.7 42.9 64.3
87 25.3 20.3 30.5
59 10.6 8.7 13.1

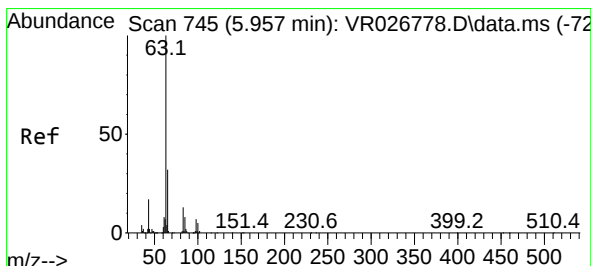
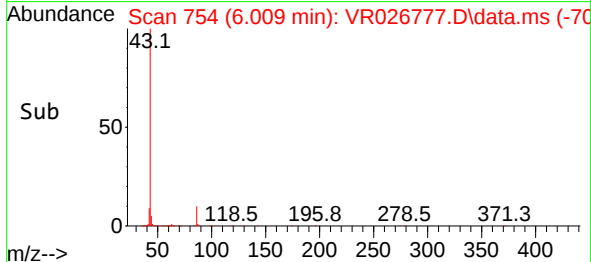
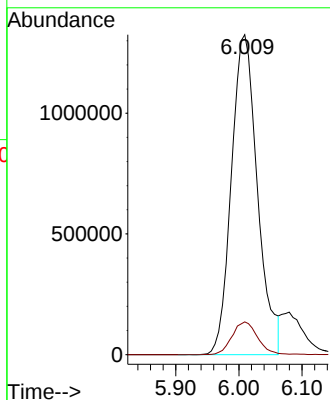
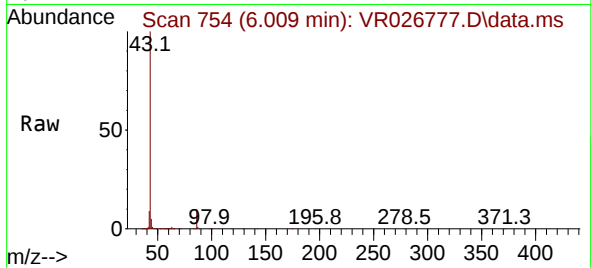




#23
 Vinyl Acetate
 Concen: 114.479 ug/l
 RT: 6.009 min Scan# 753
 Delta R.T. 0.006 min
 Lab File: VR026777.D
 Acq: 3 Oct 2025 16:41

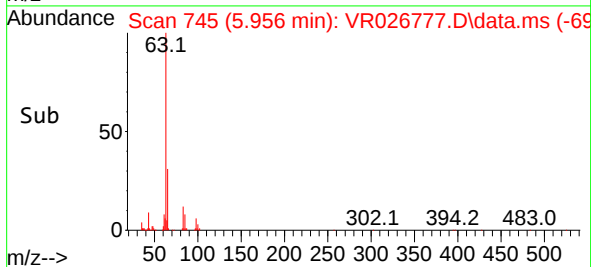
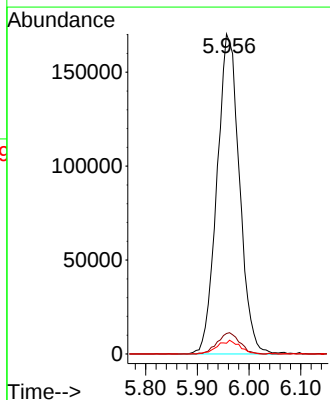
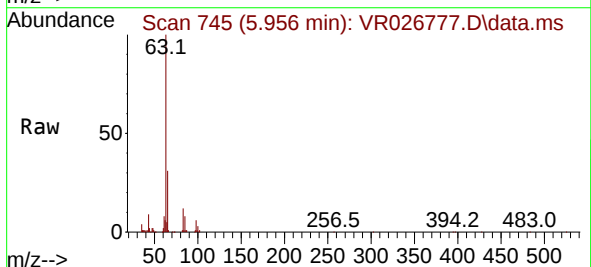
Instrument :
 MSVOA_R
 ClientSampleId :

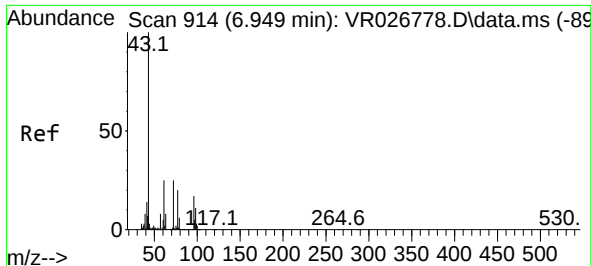
Tgt Ion: 43 Resp: 3807567
 Ion Ratio Lower Upper
 43 100
 86 10.2 10.4 15.6#



#24
 1,1-Dichloroethane
 Concen: 20.644 ug/l
 RT: 5.956 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VR026777.D
 Acq: 3 Oct 2025 16:41

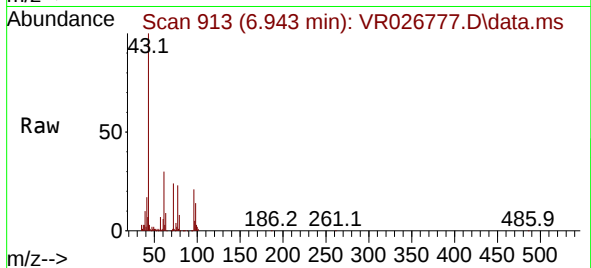
Tgt Ion: 63 Resp: 512685
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.3 9.9
 100 3.3 2.4 7.2



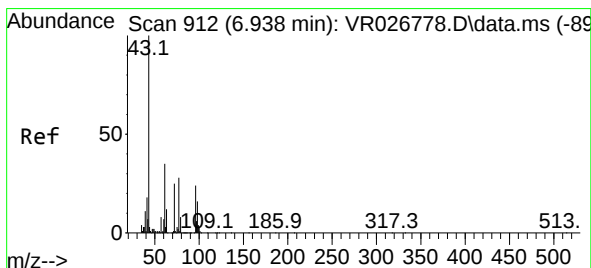
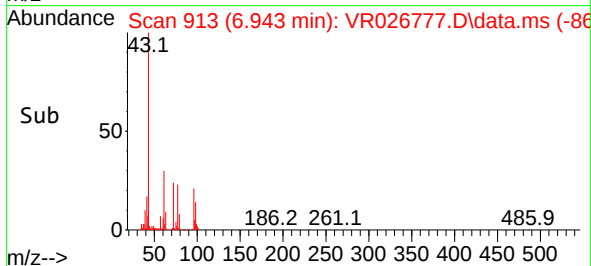
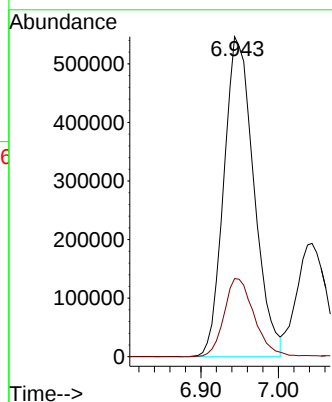


#25
2-Butanone
Concen: 102.465 ug/l
RT: 6.943 min Scan# 913
Delta R.T. -0.006 min
Lab File: VR026777.D
Acq: 3 Oct 2025 16:41

Instrument :
MSVOA_R
ClientSampleId :

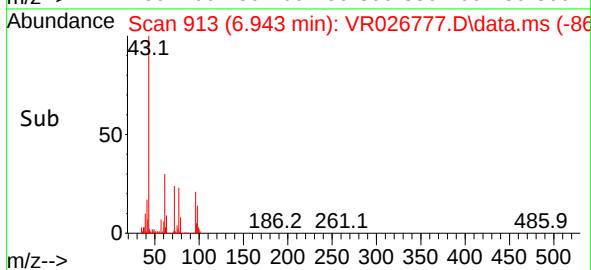
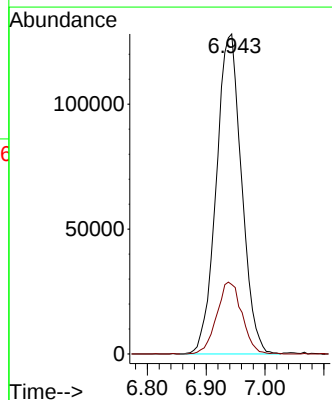
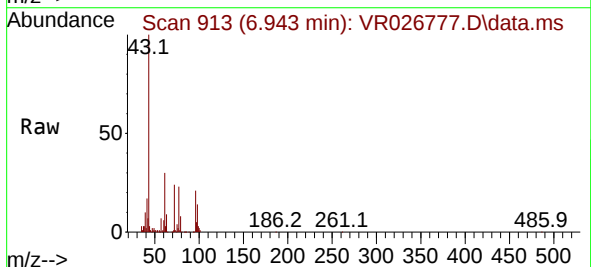


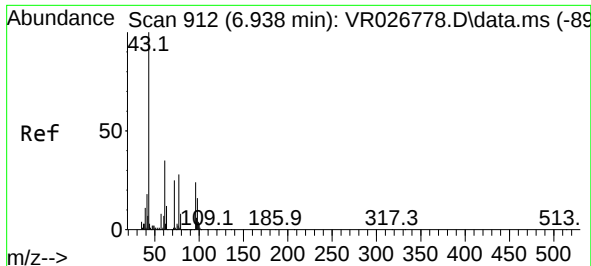
Tgt Ion: 43 Resp: 1471679
Ion Ratio Lower Upper
43 100
72 24.4 20.2 30.2



#26
2,2-Dichloropropane
Concen: 21.238 ug/l
RT: 6.943 min Scan# 913
Delta R.T. 0.006 min
Lab File: VR026777.D
Acq: 3 Oct 2025 16:41

Tgt Ion: 77 Resp: 382713
Ion Ratio Lower Upper
77 100
97 22.4 11.3 33.8

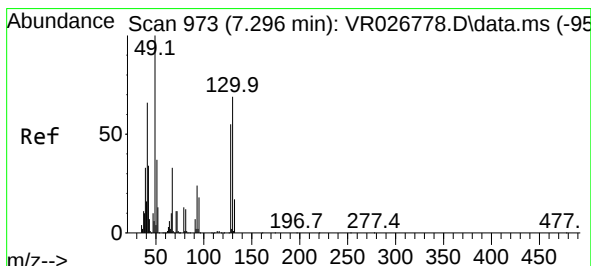
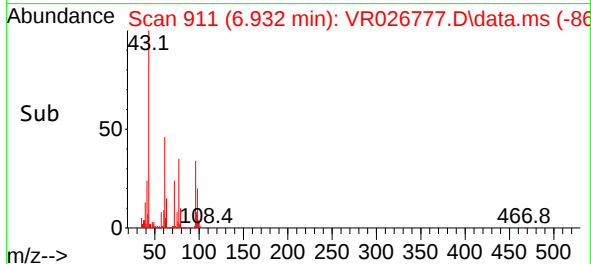
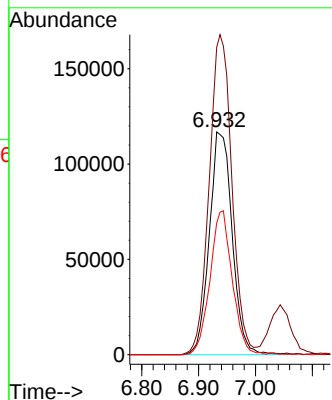
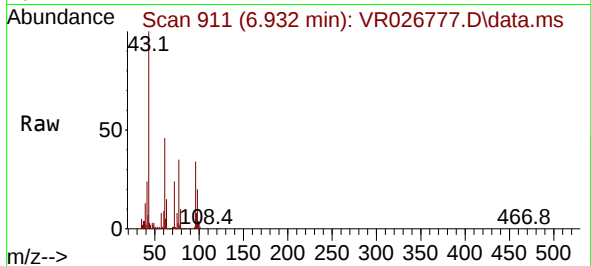




#27
cis-1,2-Dichloroethene
Concen: 20.666 ug/l
RT: 6.932 min Scan# 911
Delta R.T. -0.006 min
Lab File: VR026777.D
Acq: 3 Oct 2025 16:41

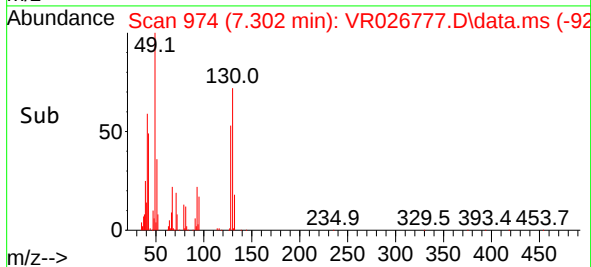
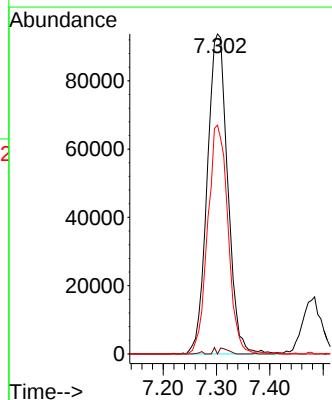
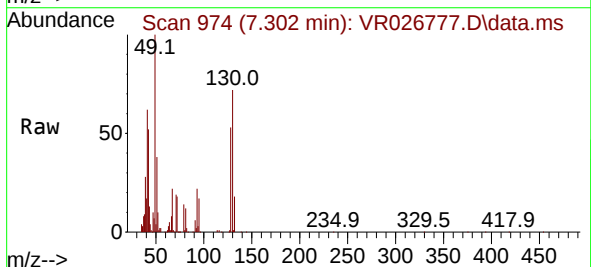
Instrument :
MSVOA_R
ClientSampleId :

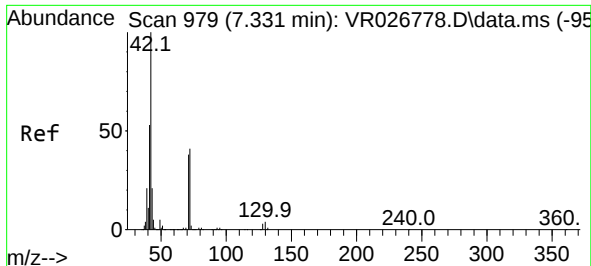
Tgt Ion: 96 Resp: 326017
Ion Ratio Lower Upper
96 100
61 142.0 0.0 289.6
98 62.7 0.0 129.4



#28
Bromochloromethane
Concen: 20.180 ug/l
RT: 7.302 min Scan# 974
Delta R.T. 0.006 min
Lab File: VR026777.D
Acq: 3 Oct 2025 16:41

Tgt Ion: 49 Resp: 250234
Ion Ratio Lower Upper
49 100
129 0.3 0.0 0.6
130 70.2 57.0 85.6





#29

Tetrahydrofuran

Concen: 102.424 ug/l

RT: 7.331 min Scan# 91

Delta R.T. -0.000 min

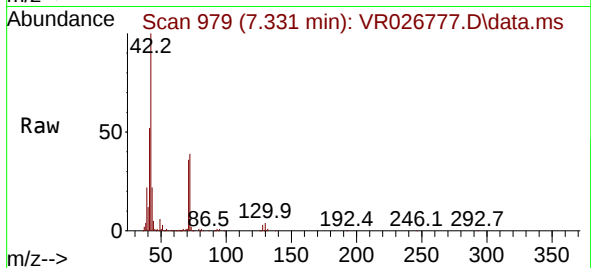
Lab File: VR026777.D

Acq: 3 Oct 2025 16:41

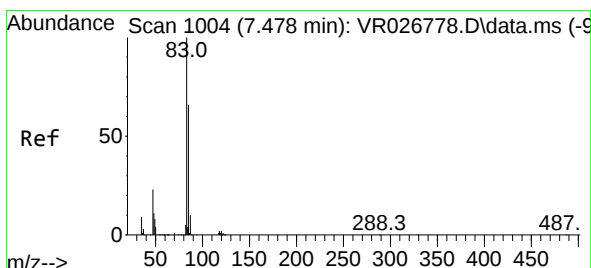
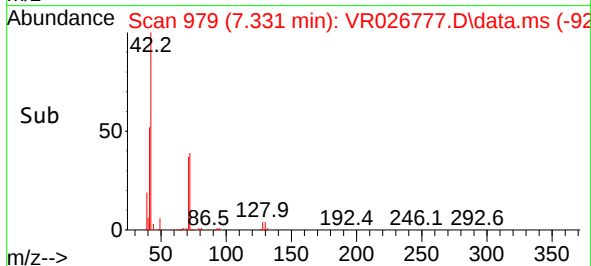
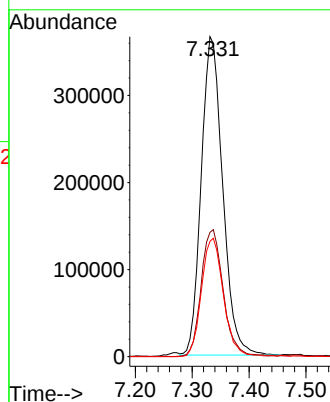
Instrument :

MSVOA_R

ClientSampleId :



Tgt Ion:	42	Resp:	957467
Ion Ratio	Lower	Upper	
42	100		
72	40.9	32.0	48.0
71	38.0	30.2	45.2



#30

Chloroform

Concen: 20.424 ug/l

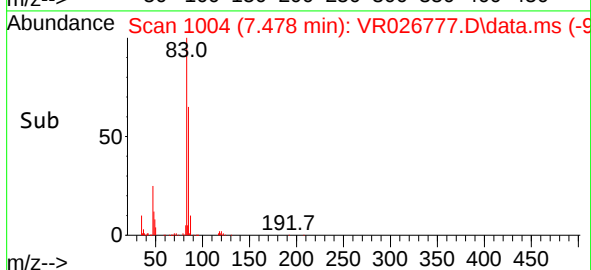
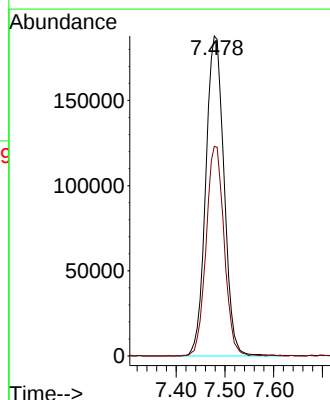
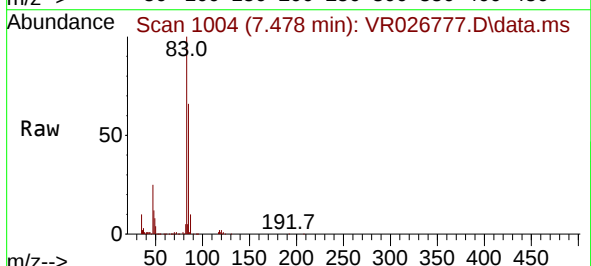
RT: 7.478 min Scan# 1004

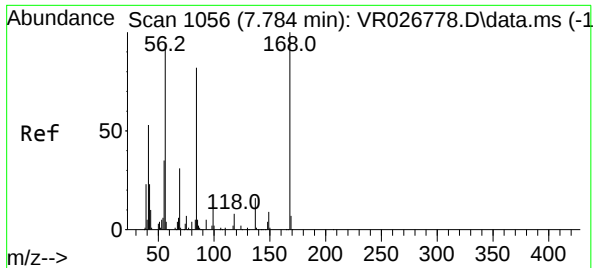
Delta R.T. -0.000 min

Lab File: VR026777.D

Acq: 3 Oct 2025 16:41

Tgt Ion:	83	Resp:	487480
Ion Ratio	Lower	Upper	
83	100		
85	65.5	52.6	79.0

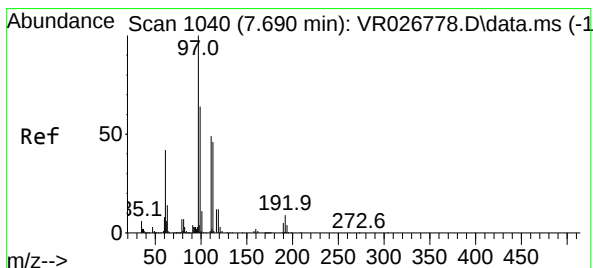
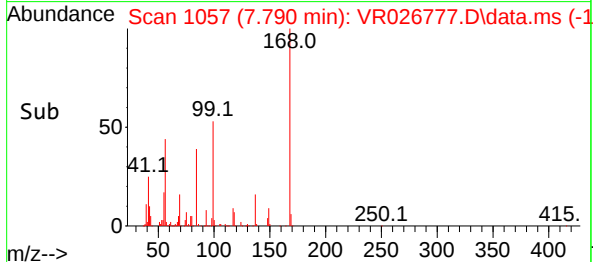
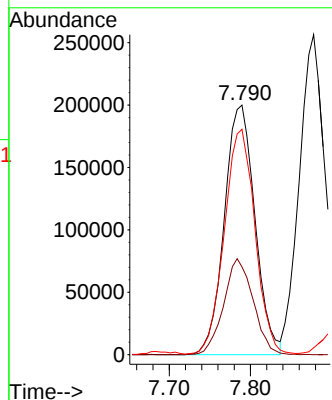
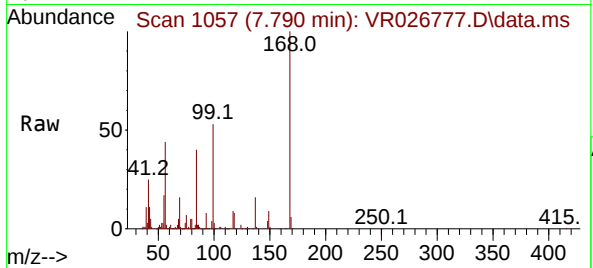




#31
Cyclohexane
Concen: 20.184 ug/l
RT: 7.790 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VR026777.D
Acq: 3 Oct 2025 16:41

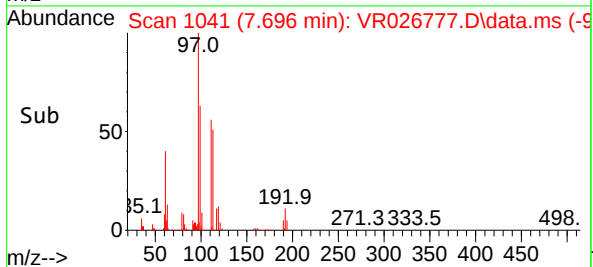
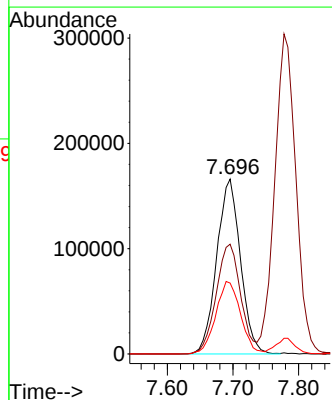
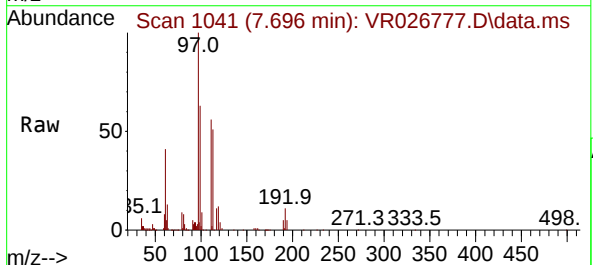
Instrument :
MSVOA_R
ClientSampleId :

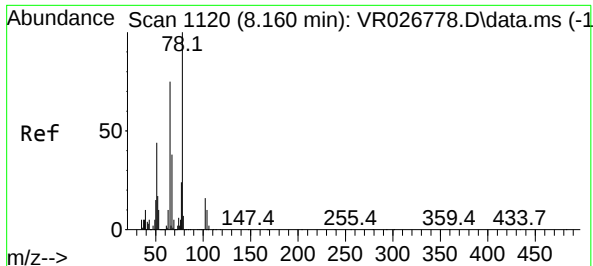
Tgt Ion: 56 Resp: 524204
Ion Ratio Lower Upper
56 100
69 35.2 26.9 40.3
84 89.8 69.7 104.5



#32
1,1,1-Trichloroethane
Concen: 20.730 ug/l
RT: 7.696 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VR026777.D
Acq: 3 Oct 2025 16:41

Tgt Ion: 97 Resp: 417124
Ion Ratio Lower Upper
97 100
99 64.9 51.4 77.2
61 43.2 33.5 50.3

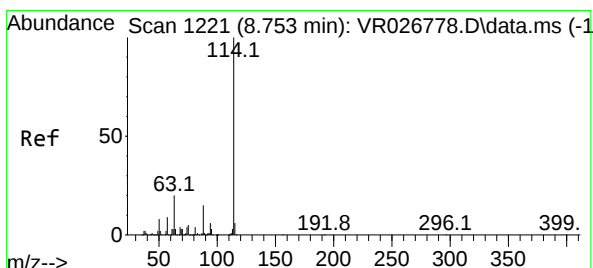
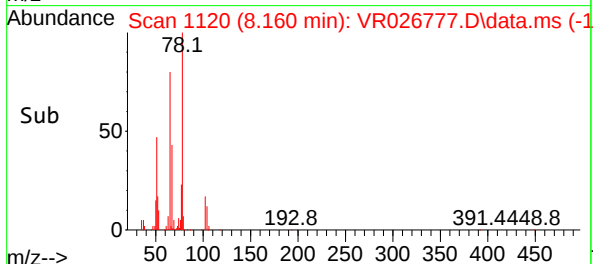
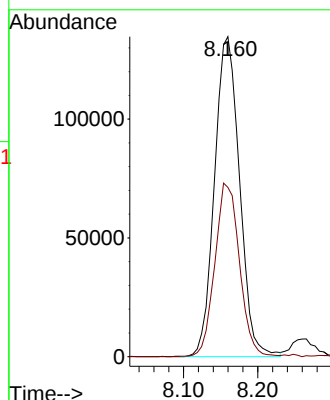
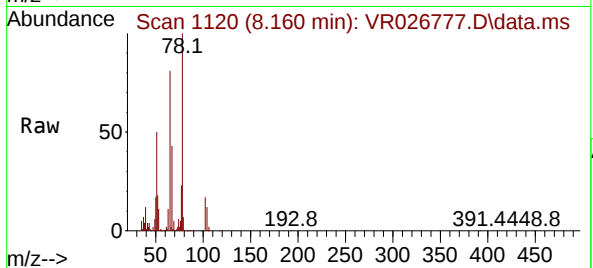




#33
 1,2-Dichloroethane-d4
 Concen: 20.858 ug/l
 RT: 8.160 min Scan# 1120
 Delta R.T. -0.000 min
 Lab File: VR026777.D
 Acq: 3 Oct 2025 16:41

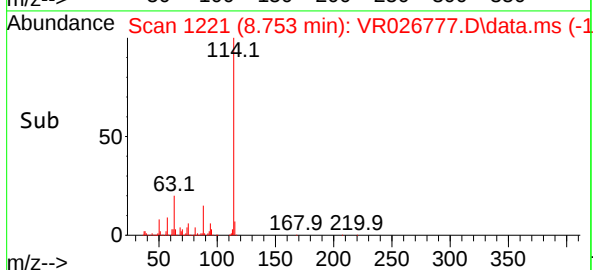
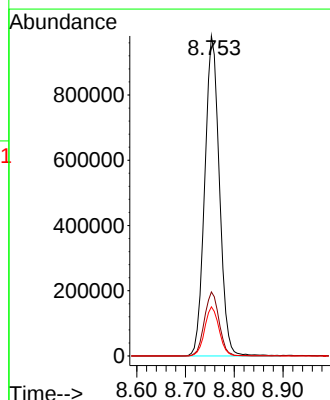
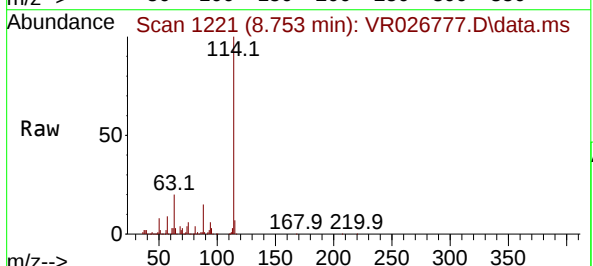
Instrument :
 MSVOA_R
 ClientSampleId :

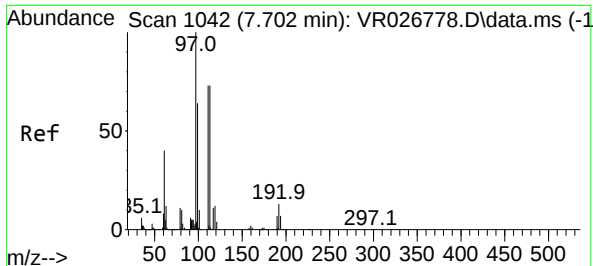
Tgt Ion: 65 Resp: 316008
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.753 min Scan# 1221
 Delta R.T. -0.000 min
 Lab File: VR026777.D
 Acq: 3 Oct 2025 16:41

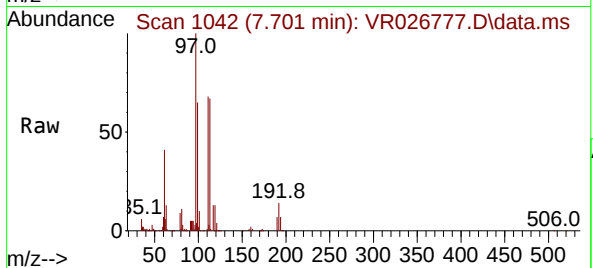
Tgt Ion: 114 Resp: 2043277
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 40.0
 88 15.3 0.0 30.2



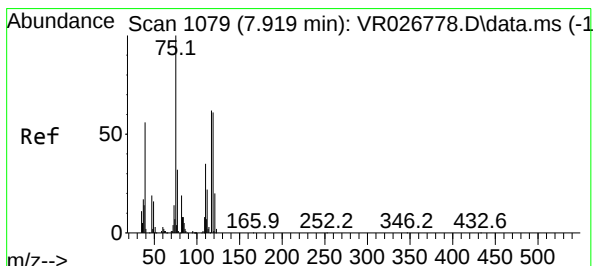
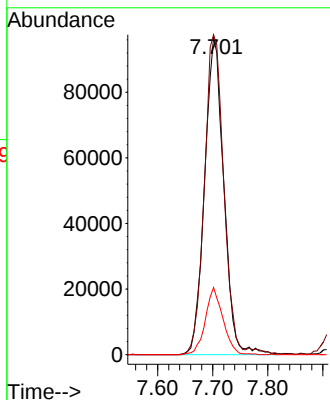
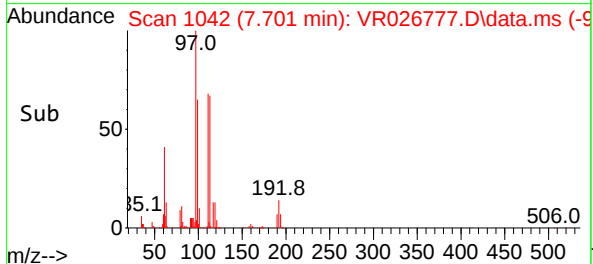


#35
Dibromofluoromethane
Concen: 20.863 ug/l
RT: 7.701 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VR026777.D
Acq: 3 Oct 2025 16:41

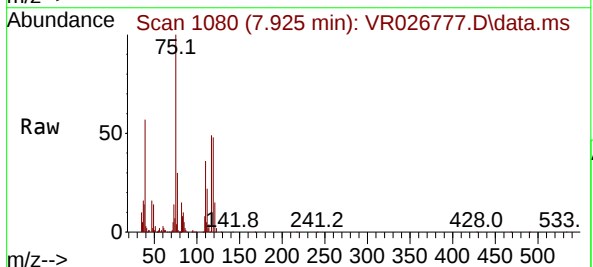
Instrument :
MSVOA_R
ClientSampleId :



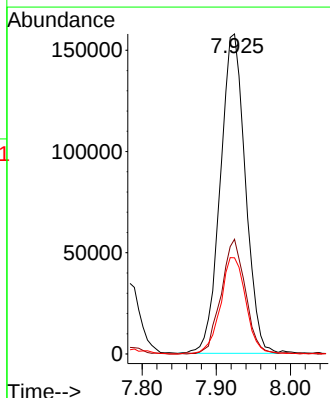
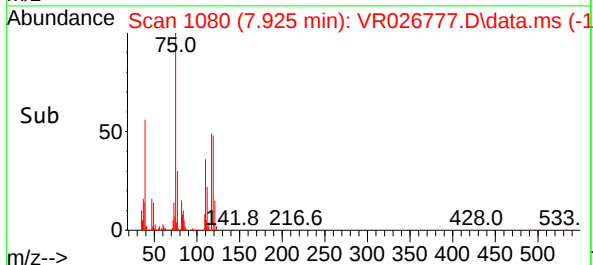
Tgt Ion:113 Resp: 234672
Ion Ratio Lower Upper
113 100
111 100.9 83.1 124.7
192 19.5 15.8 23.8

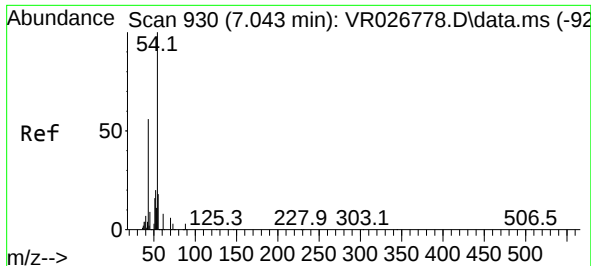


#36
1,1-Dichloropropene
Concen: 20.399 ug/l
RT: 7.925 min Scan# 1080
Delta R.T. 0.006 min
Lab File: VR026777.D
Acq: 3 Oct 2025 16:41



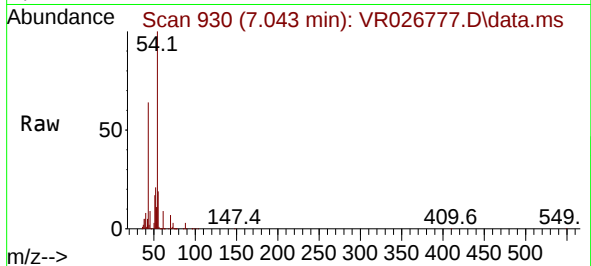
Tgt Ion: 75 Resp: 369645
Ion Ratio Lower Upper
75 100
110 34.8 17.8 53.3
77 30.8 24.6 37.0



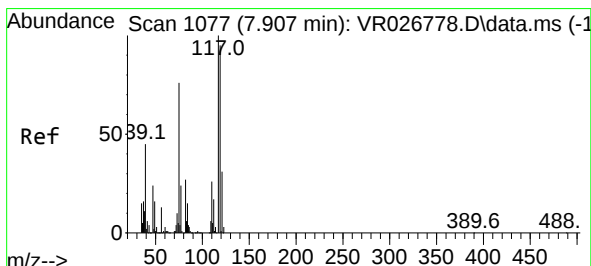
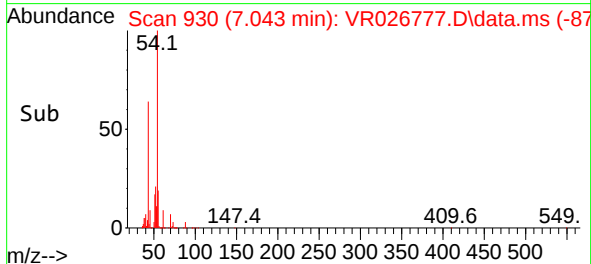
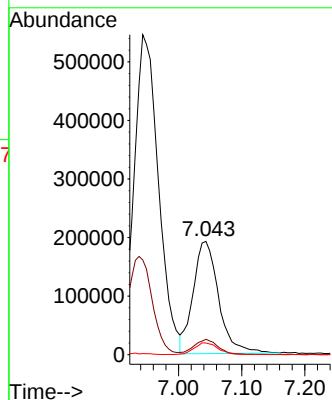


#37
Ethyl Acetate
Concen: 20.362 ug/l
RT: 7.043 min Scan# 91
Delta R.T. -0.000 min
Lab File: VR026777.D
Acq: 3 Oct 2025 16:41

Instrument :
MSVOA_R
ClientSampleId :

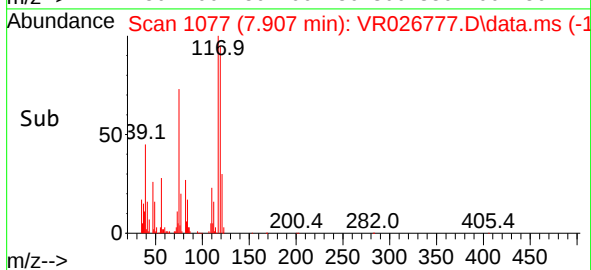
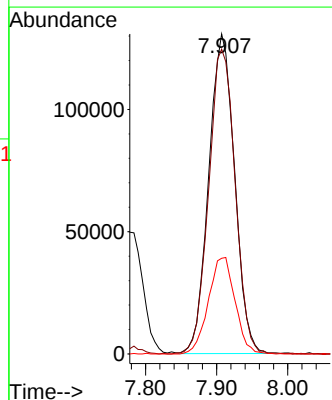
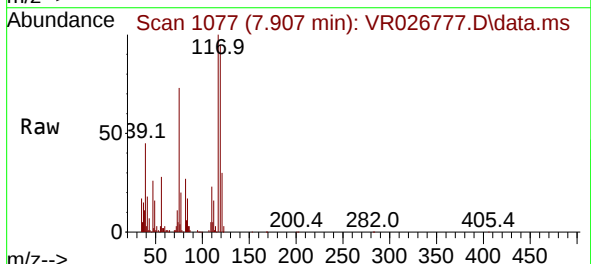


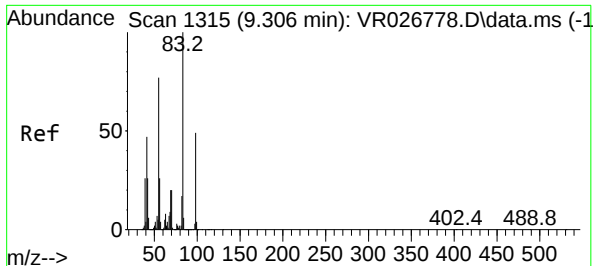
Tgt Ion: 43 Resp: 538259
Ion Ratio Lower Upper
43 100
61 12.4 10.7 16.1
70 9.8 7.8 11.8



#38
Carbon Tetrachloride
Concen: 20.735 ug/l
RT: 7.907 min Scan# 1077
Delta R.T. -0.000 min
Lab File: VR026777.D
Acq: 3 Oct 2025 16:41

Tgt Ion:117 Resp: 329764
Ion Ratio Lower Upper
117 100
119 95.2 76.2 114.2
121 30.0 25.0 37.6





#39

Methylcyclohexane

Concen: 20.555 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

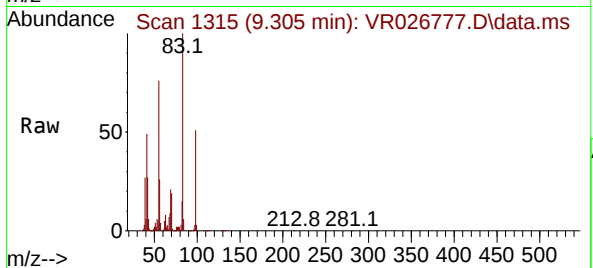
Lab File: VR026777.D

Acq: 3 Oct 2025 16:41

Instrument :

MSVOA_R

ClientSampleId :



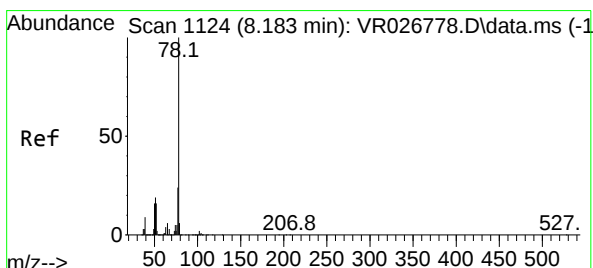
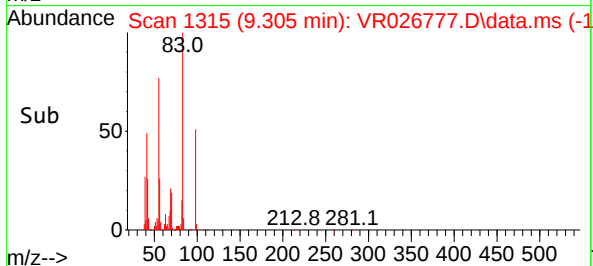
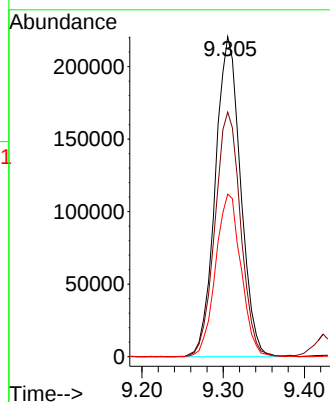
Tgt Ion: 83 Resp: 477015

Ion Ratio Lower Upper

83 100

55 76.4 61.7 92.5

98 50.7 39.0 58.4



#40

Benzene

Concen: 20.692 ug/l

RT: 8.183 min Scan# 1124

Delta R.T. -0.000 min

Lab File: VR026777.D

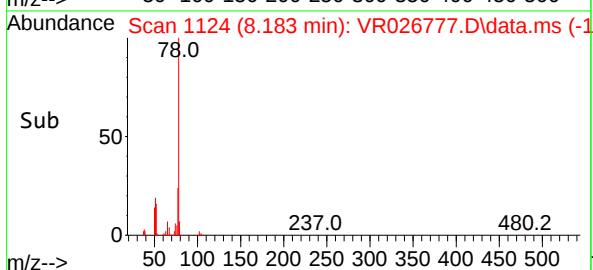
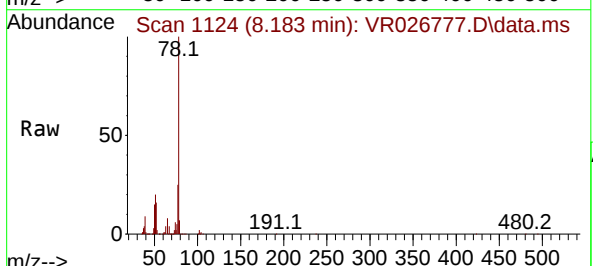
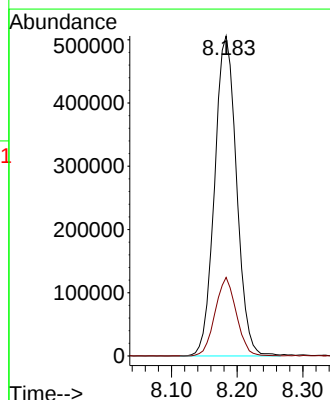
Acq: 3 Oct 2025 16:41

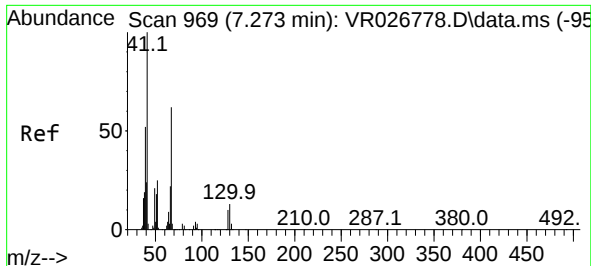
Tgt Ion: 78 Resp: 1173277

Ion Ratio Lower Upper

78 100

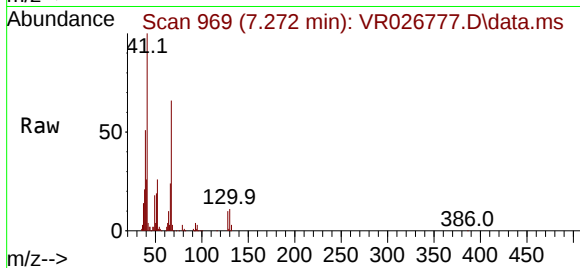
77 24.5 18.9 28.3



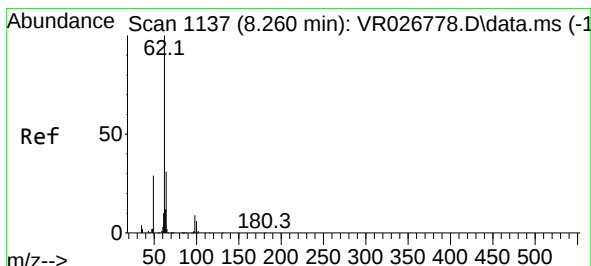
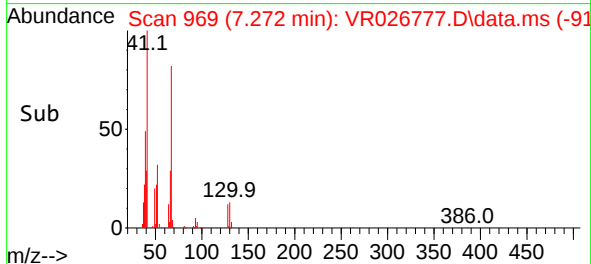
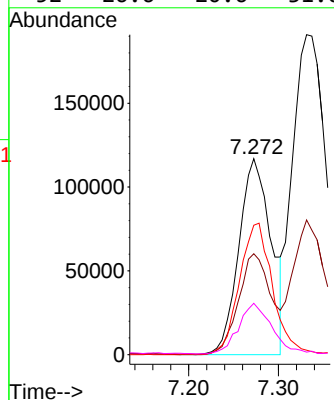


#41
Methacrylonitrile
Concen: 20.685 ug/l
RT: 7.272 min Scan# 91
Delta R.T. -0.000 min
Lab File: VR026777.D
Acq: 3 Oct 2025 16:41

Instrument :
MSVOA_R
ClientSampleId :

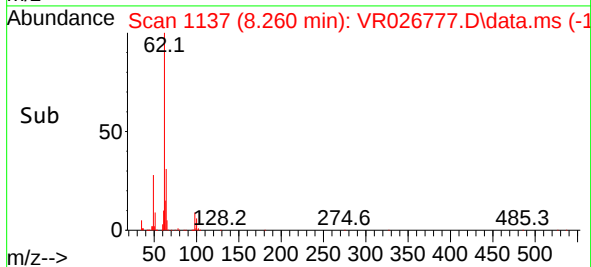
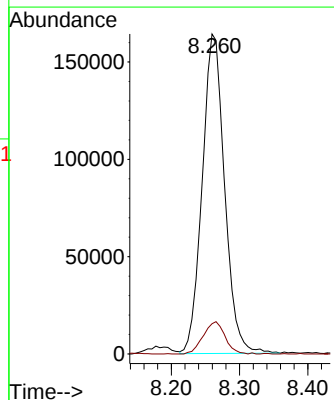
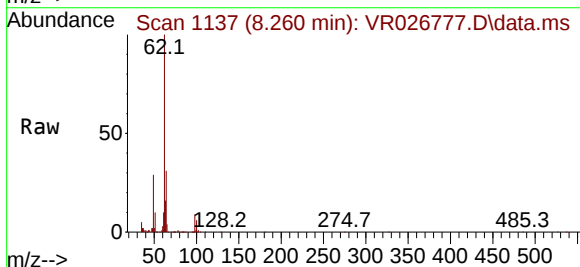


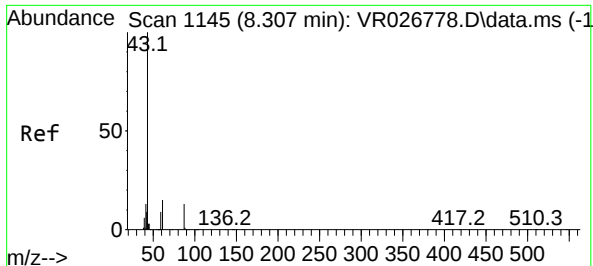
Tgt Ion:	41	Resp:	293008
Ion	Ratio	Lower	Upper
41	100		
39	51.3	41.8	62.8
67	68.6	52.2	78.4
52	26.6	20.6	31.0



#42
1,2-Dichloroethane
Concen: 20.129 ug/l
RT: 8.260 min Scan# 1137
Delta R.T. -0.000 min
Lab File: VR026777.D
Acq: 3 Oct 2025 16:41

Tgt Ion:	62	Resp:	375019
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.8

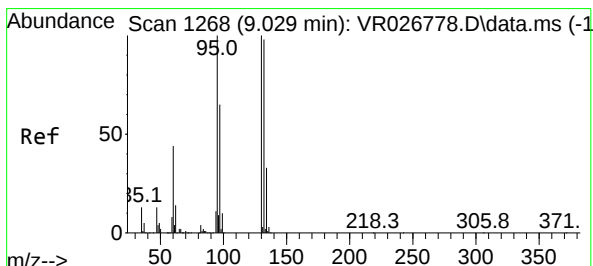
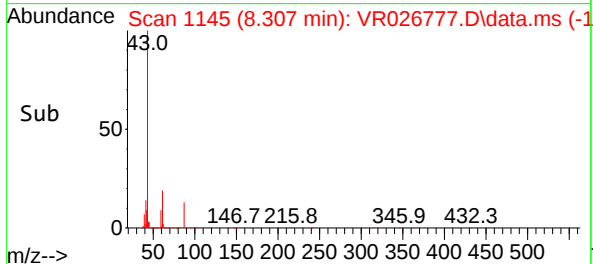
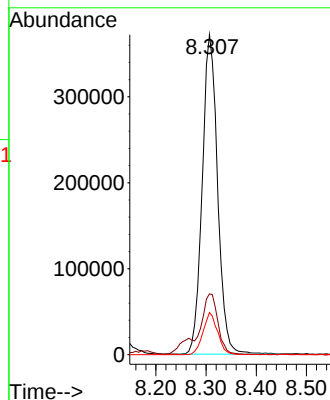
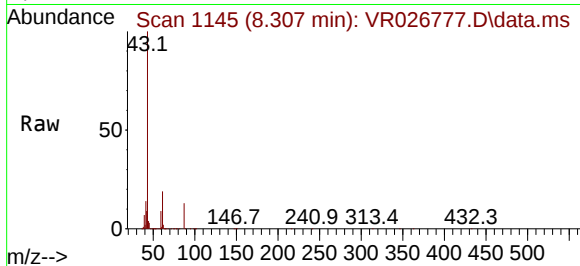




#43
Isopropyl Acetate
Concen: 21.382 ug/l
RT: 8.307 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VR026777.D
Acq: 3 Oct 2025 16:41

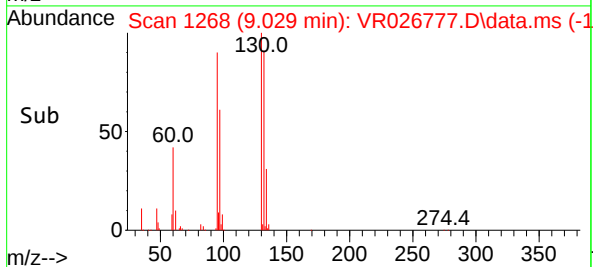
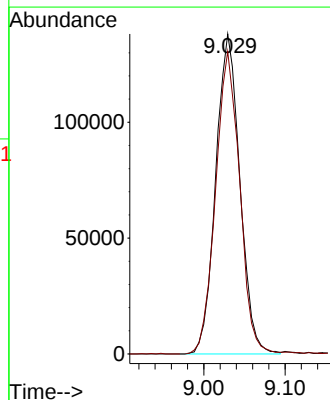
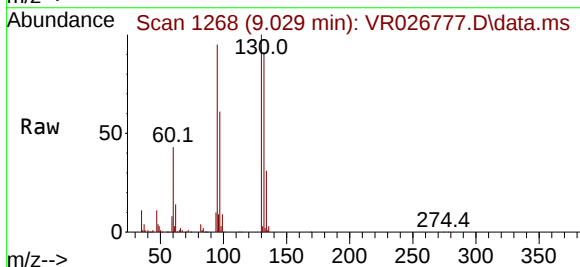
Instrument :
MSVOA_R
ClientSampleId :

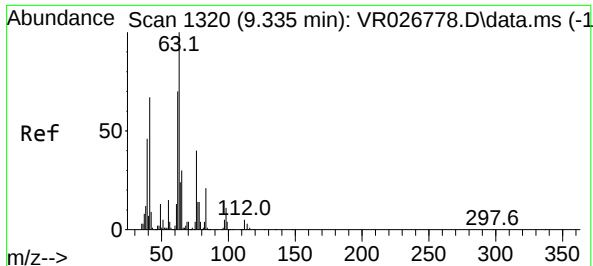
Tgt Ion: 43 Resp: 793669
Ion Ratio Lower Upper
43 100
61 19.3 15.5 23.3
87 12.5 10.2 15.4



#44
Trichloroethene
Concen: 20.253 ug/l
RT: 9.029 min Scan# 1268
Delta R.T. -0.000 min
Lab File: VR026777.D
Acq: 3 Oct 2025 16:41

Tgt Ion:130 Resp: 284981
Ion Ratio Lower Upper
130 100
95 94.5 0.0 200.4





#45

1,2-Dichloropropane

Concen: 20.082 ug/l

RT: 9.335 min Scan# 11

Delta R.T. -0.000 min

Lab File: VR026777.D

Acq: 3 Oct 2025 16:41

Instrument :

MSVOA_R

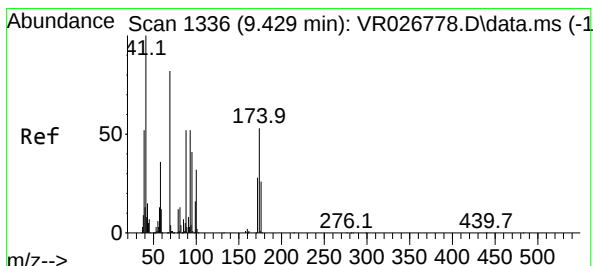
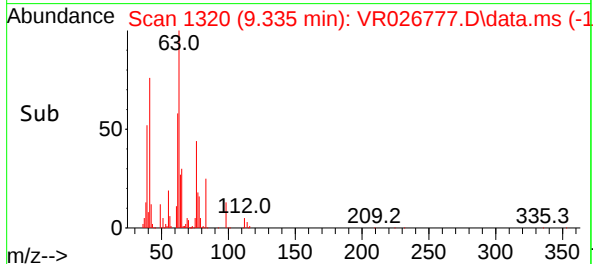
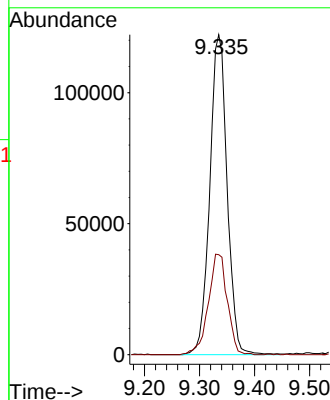
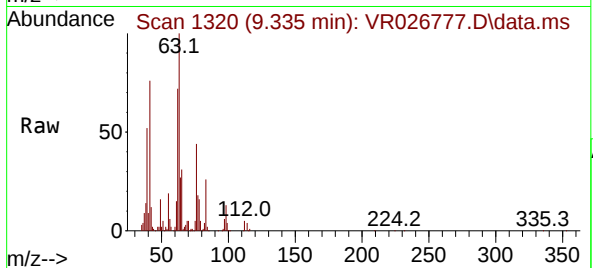
ClientSampleId :

Tgt Ion: 63 Resp: 267875

Ion Ratio Lower Upper

63 100

65 31.3 24.1 36.1



#46

Dibromomethane

Concen: 20.261 ug/l

RT: 9.435 min Scan# 1337

Delta R.T. 0.006 min

Lab File: VR026777.D

Acq: 3 Oct 2025 16:41

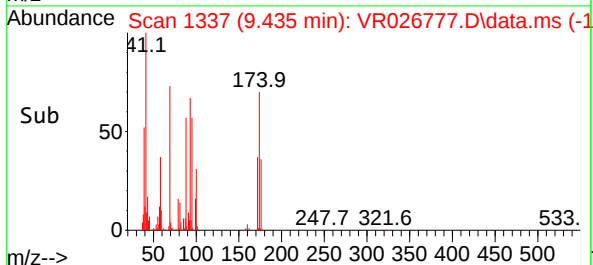
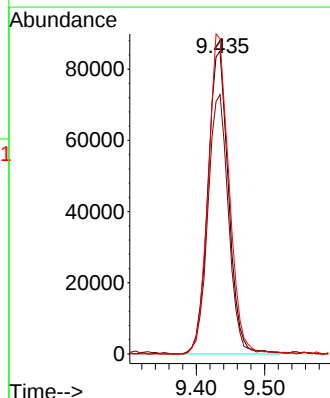
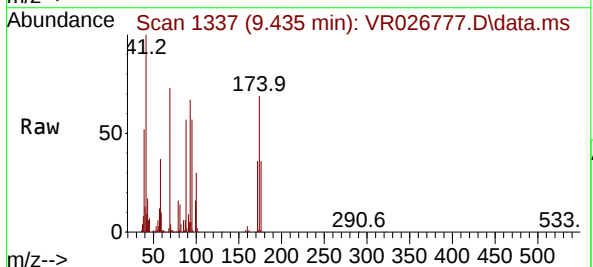
Tgt Ion: 93 Resp: 180083

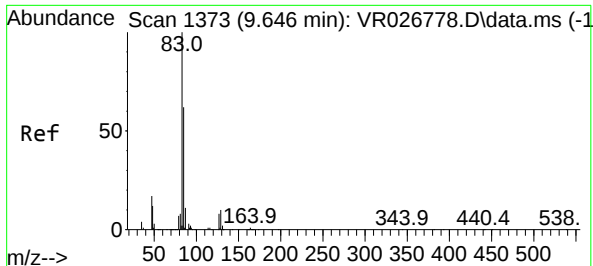
Ion Ratio Lower Upper

93 100

95 85.0 65.2 97.8

174 105.8 82.7 124.1

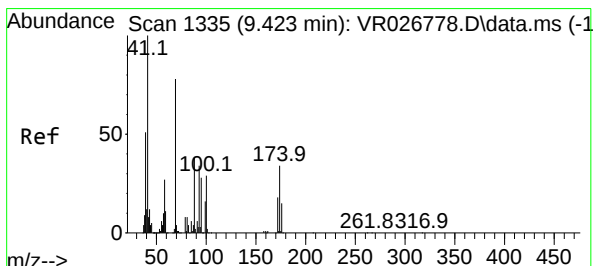
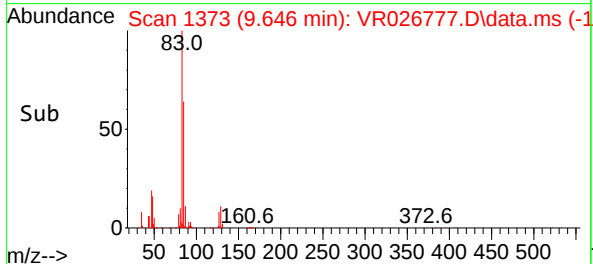
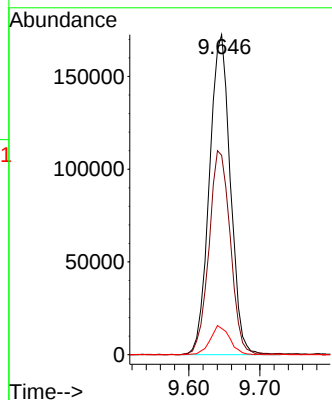
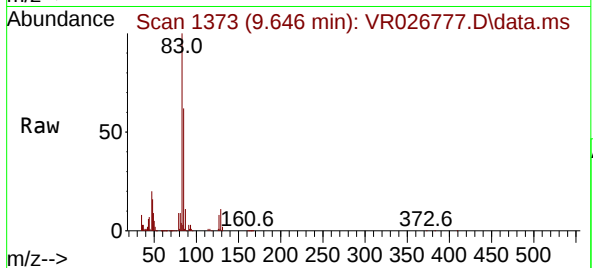




#47
Bromodichloromethane
Concen: 20.748 ug/l
RT: 9.646 min Scan# 1373
Delta R.T. -0.000 min
Lab File: VR026777.D
Acq: 3 Oct 2025 16:41

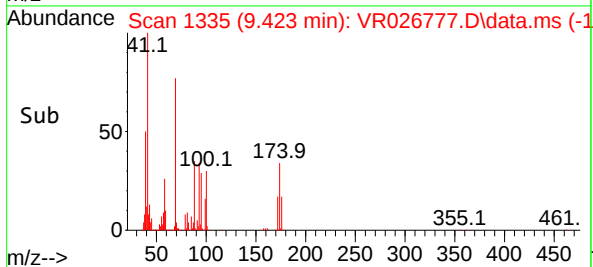
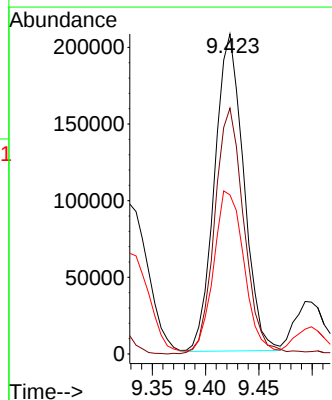
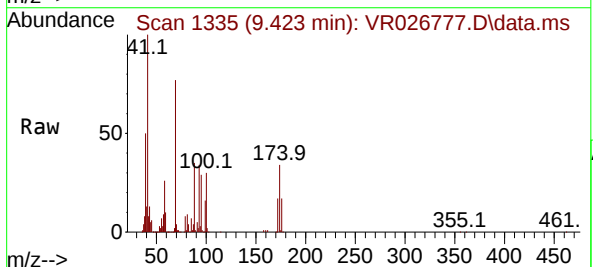
Instrument :
MSVOA_R
ClientSampleId :

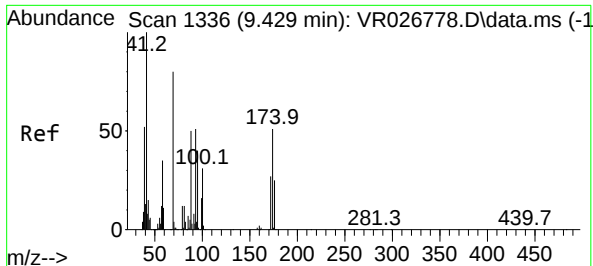
Tgt Ion: 83 Resp: 352945
Ion Ratio Lower Upper
83 100
85 62.3 49.7 74.5
127 8.2 6.8 10.2



#48
Methyl methacrylate
Concen: 20.460 ug/l
RT: 9.423 min Scan# 1335
Delta R.T. -0.000 min
Lab File: VR026777.D
Acq: 3 Oct 2025 16:41

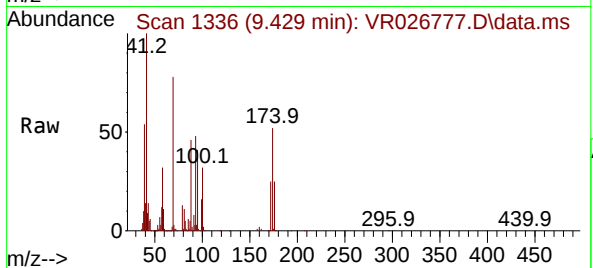
Tgt Ion: 41 Resp: 392156
Ion Ratio Lower Upper
41 100
69 78.4 63.1 94.7
39 53.4 42.1 63.1



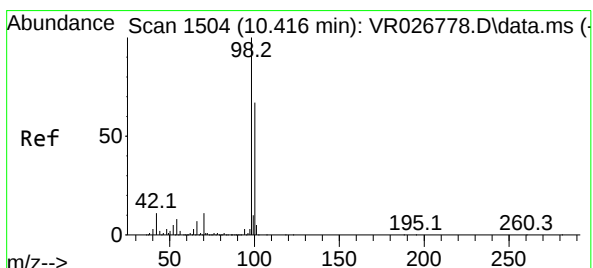
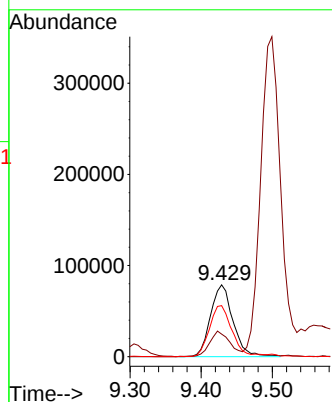
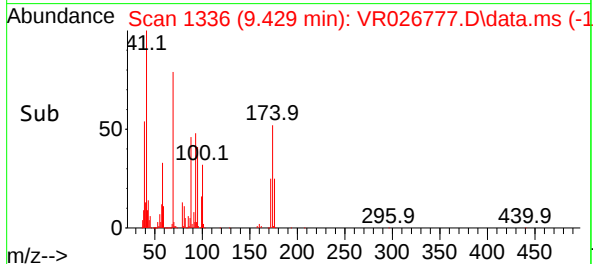


#49
1,4-Dioxane
Concen: 381.634 ug/l
RT: 9.429 min Scan# 11
Delta R.T. -0.000 min
Lab File: VR026777.D
Acq: 3 Oct 2025 16:41

Instrument :
MSVOA_R
ClientSampleId :

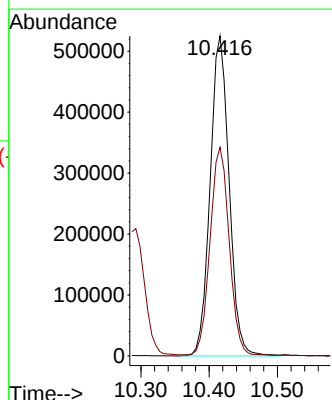
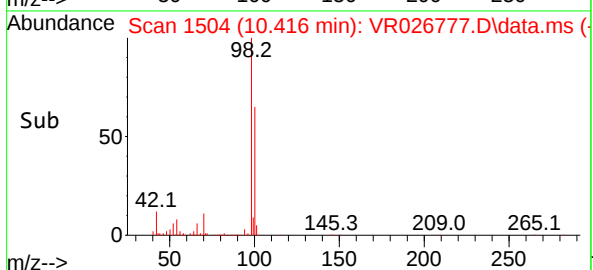
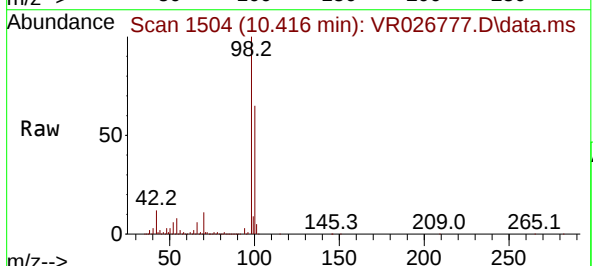


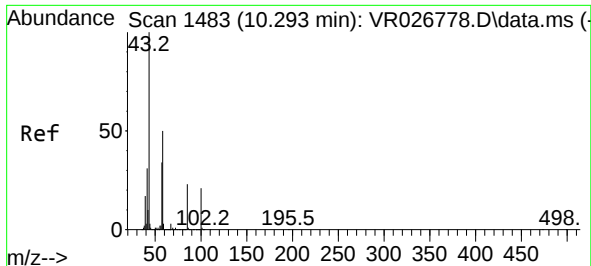
Tgt Ion: 88 Resp: 173205
Ion Ratio Lower Upper
88 100
43 32.6 24.2 36.4
58 74.0 56.2 84.4



#50
Toluene-d8
Concen: 21.828 ug/l
RT: 10.416 min Scan# 1504
Delta R.T. -0.000 min
Lab File: VR026777.D
Acq: 3 Oct 2025 16:41

Tgt Ion: 98 Resp: 1015278
Ion Ratio Lower Upper
98 100
100 65.8 53.2 79.8

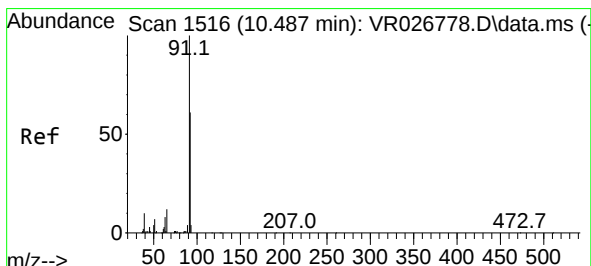
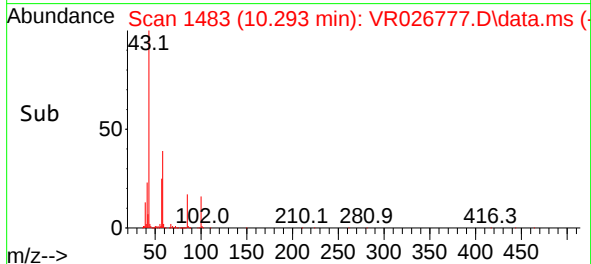
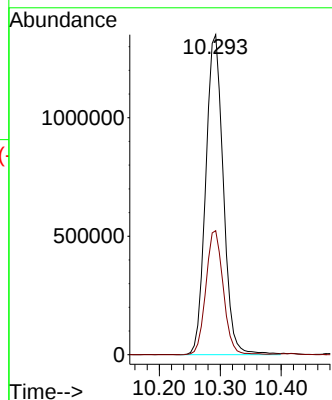
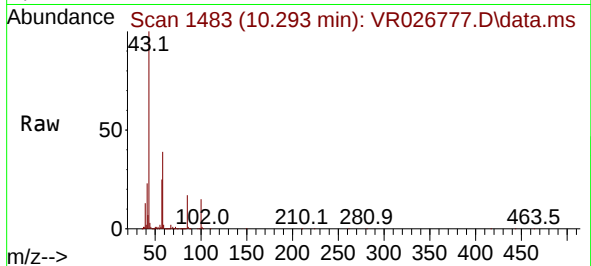




#51
4-Methyl-2-Pentanone
Concen: 110.613 ug/l
RT: 10.293 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VR026777.D
Acq: 3 Oct 2025 16:41

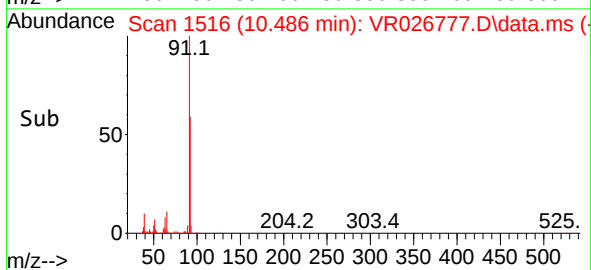
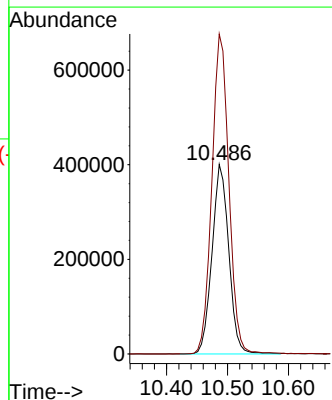
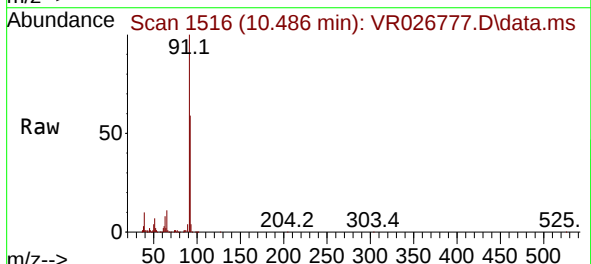
Instrument :
MSVOA_R
ClientSampleId :

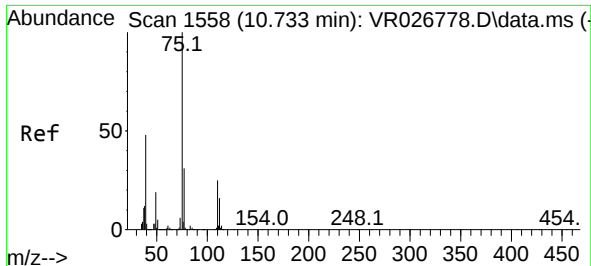
Tgt Ion: 43 Resp: 2700267
Ion Ratio Lower Upper
43 100
58 38.4 35.6 53.4



#52
Toluene
Concen: 20.666 ug/l
RT: 10.486 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VR026777.D
Acq: 3 Oct 2025 16:41

Tgt Ion: 92 Resp: 763803
Ion Ratio Lower Upper
92 100
91 171.5 134.0 201.0

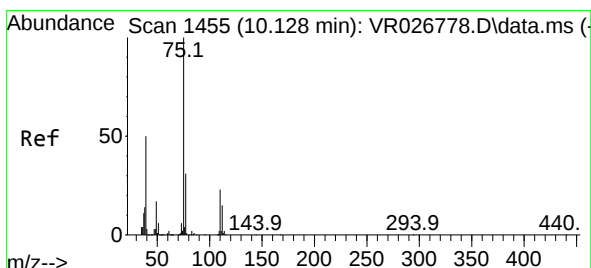
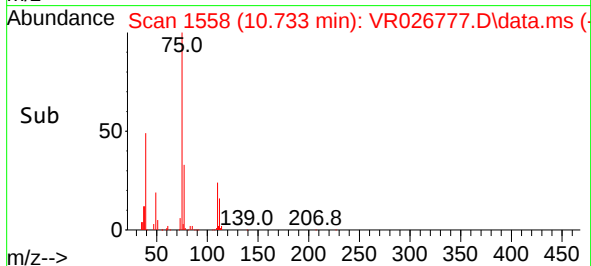
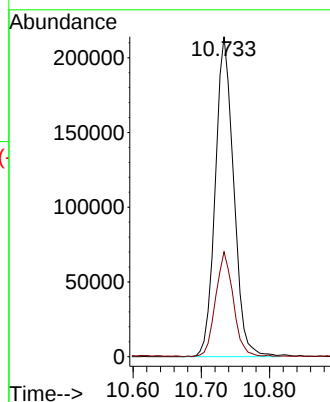
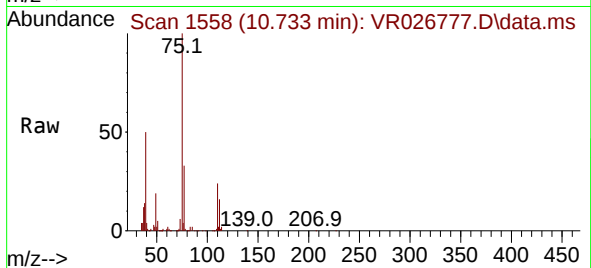




#53
t-1,3-Dichloropropene
Concen: 21.000 ug/l
RT: 10.733 min Scan# 1558
Delta R.T. -0.000 min
Lab File: VR026777.D
Acq: 3 Oct 2025 16:41

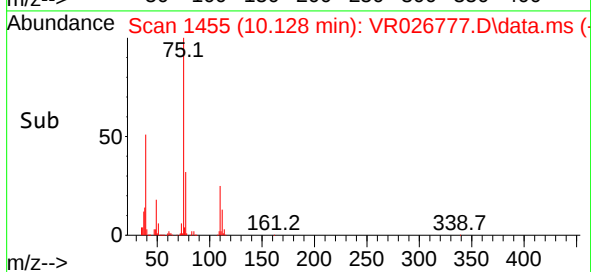
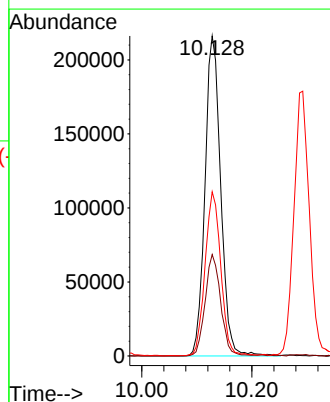
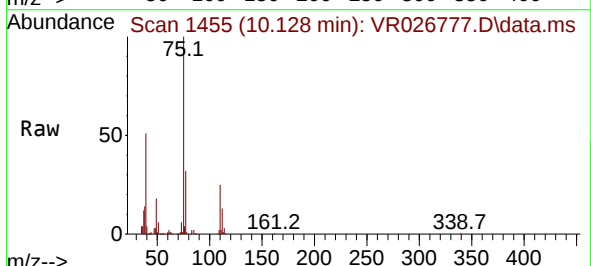
Instrument :
MSVOA_R
ClientSampleId :

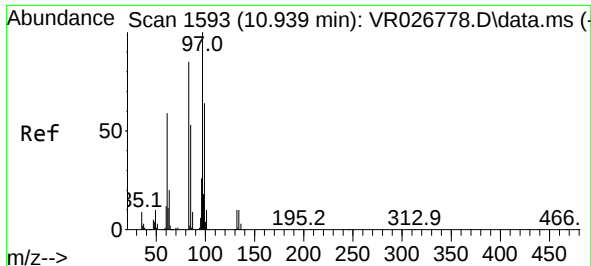
Tgt Ion: 75 Resp: 402049
Ion Ratio Lower Upper
75 100
77 32.6 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 21.343 ug/l
RT: 10.128 min Scan# 1455
Delta R.T. -0.000 min
Lab File: VR026777.D
Acq: 3 Oct 2025 16:41

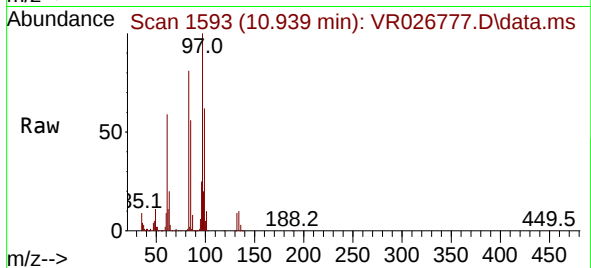
Tgt Ion: 75 Resp: 429153
Ion Ratio Lower Upper
75 100
77 31.7 24.8 37.2
39 51.2 39.8 59.8



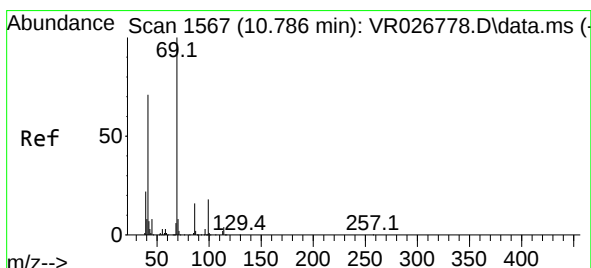
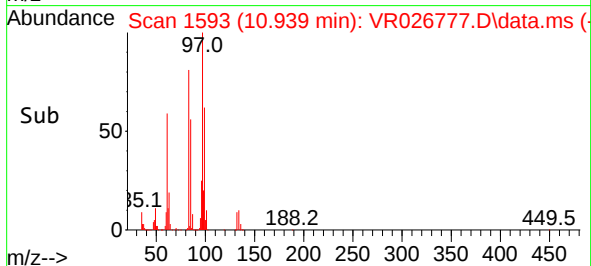
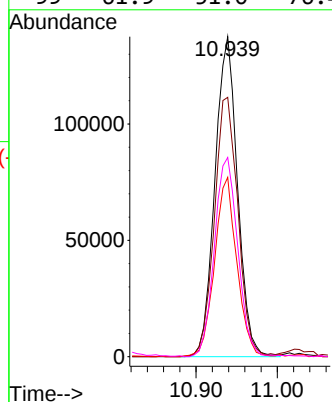


#55
1,1,2-Trichloroethane
Concen: 20.330 ug/l
RT: 10.939 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VR026777.D
Acq: 3 Oct 2025 16:41

Instrument :
MSVOA_R
ClientSampleId :

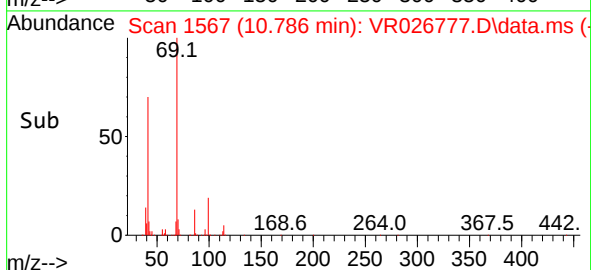
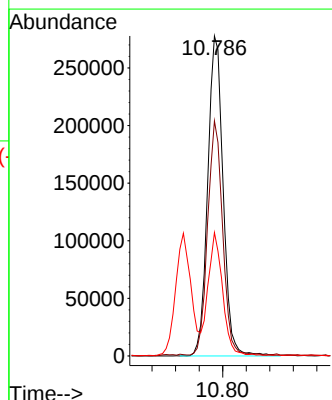
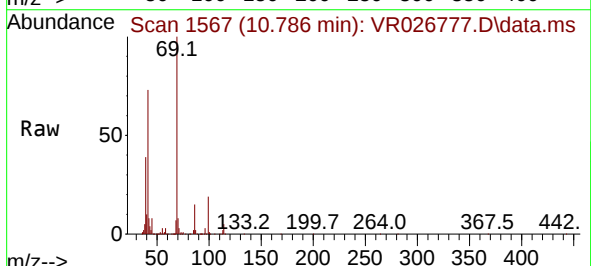


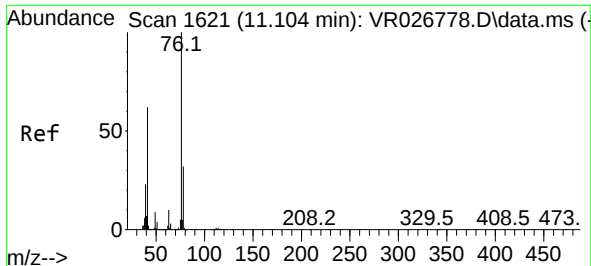
Tgt Ion:	97	Resp:	265653
Ion	Ratio	Lower	Upper
97	100		
83	81.1	68.3	102.5
85	56.1	42.6	63.8
99	61.9	51.0	76.4



#56
Ethyl methacrylate
Concen: 20.844 ug/l
RT: 10.786 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VR026777.D
Acq: 3 Oct 2025 16:41

Tgt Ion:	69	Resp:	505704
Ion	Ratio	Lower	Upper
69	100		
41	71.1	55.8	83.6
39	35.9	27.7	41.5





#57

1,3-Dichloropropane

Concen: 20.426 ug/l

RT: 11.103 min Scan# 1621

Delta R.T. -0.000 min

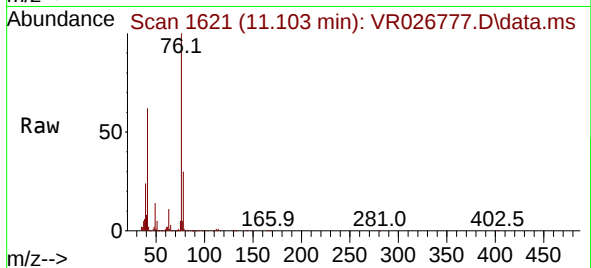
Lab File: VR026777.D

Acq: 3 Oct 2025 16:41

Instrument :

MSVOA_R

ClientSampleId :

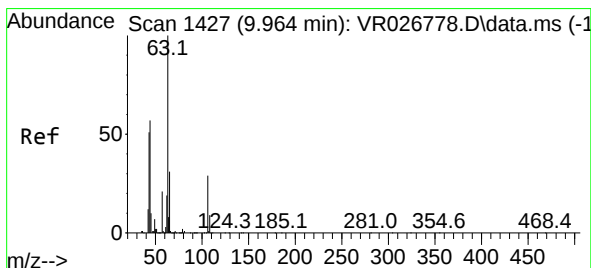
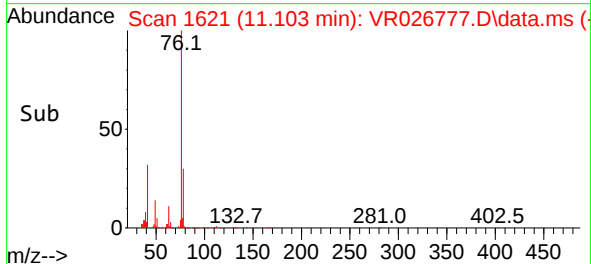
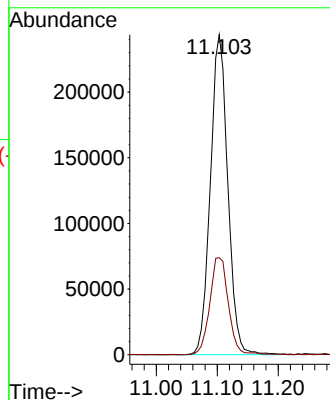


Tgt Ion: 76 Resp: 483611

Ion Ratio Lower Upper

76 100

78 32.4 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 86.048 ug/l

RT: 9.963 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VR026777.D

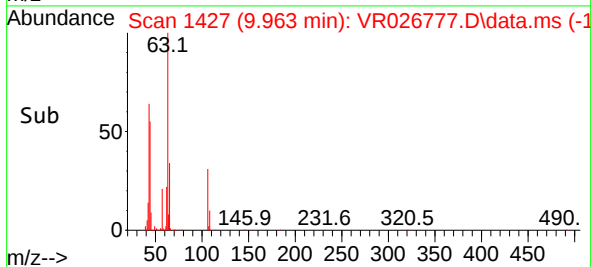
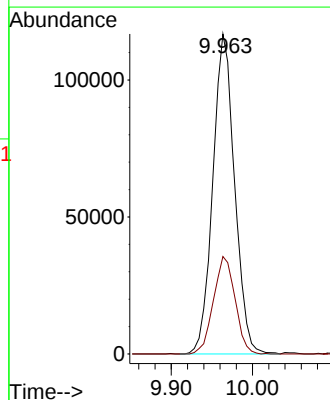
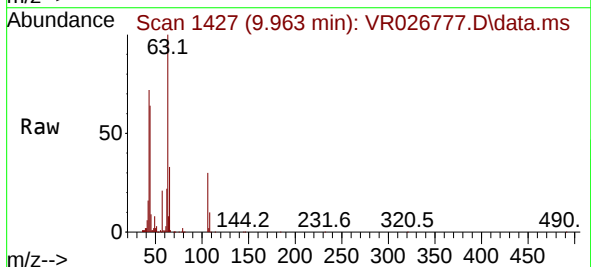
Acq: 3 Oct 2025 16:41

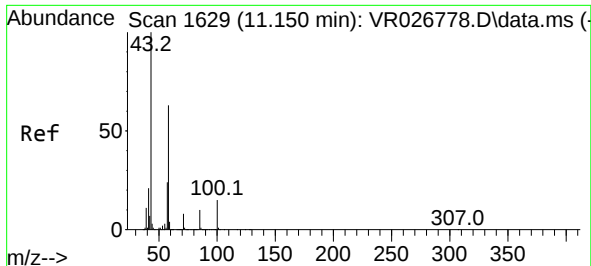
Tgt Ion: 63 Resp: 217504

Ion Ratio Lower Upper

63 100

106 30.2 23.5 35.3

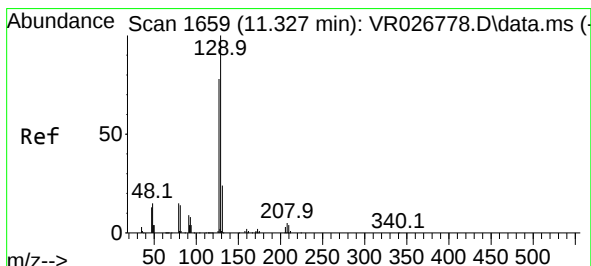
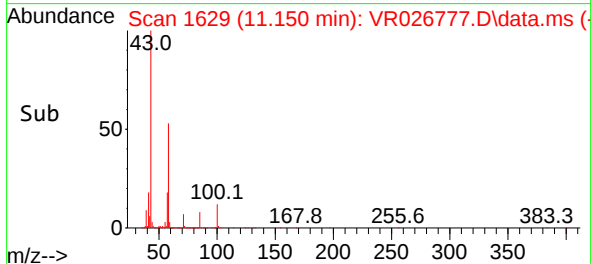
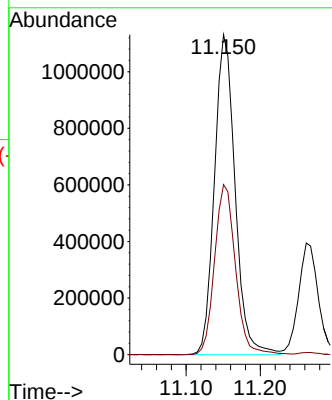
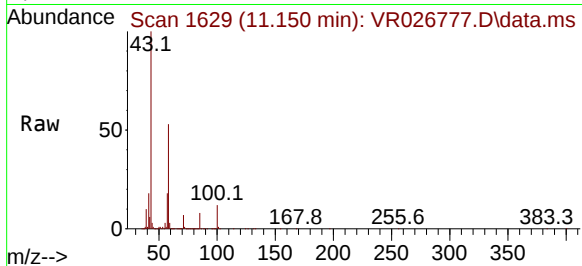




#59
2-Hexanone
Concen: 103.810 ug/l
RT: 11.150 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VR026777.D
Acq: 3 Oct 2025 16:41

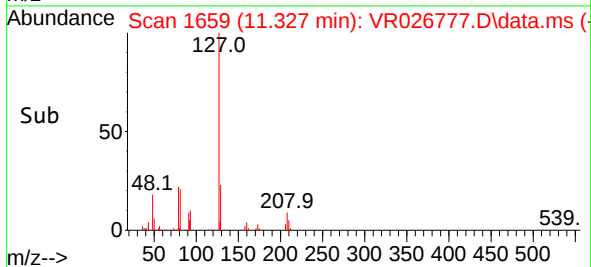
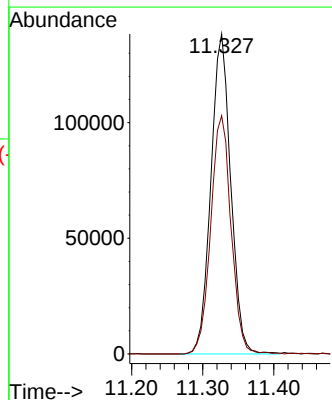
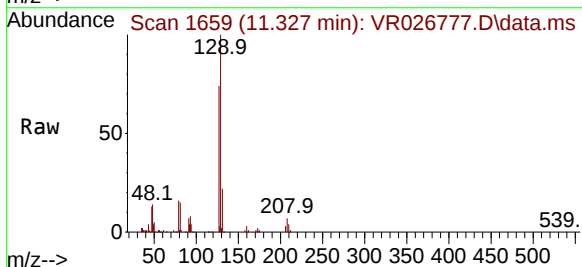
Instrument :
MSVOA_R
ClientSampleId :

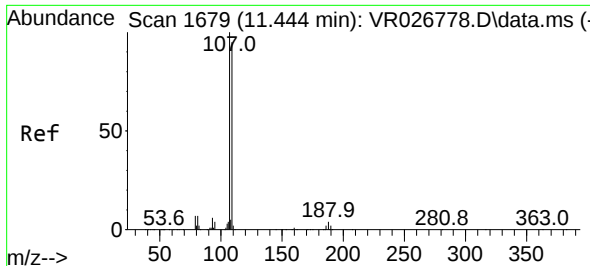
Tgt Ion: 43 Resp: 2186857
Ion Ratio Lower Upper
43 100
58 53.8 29.3 88.0



#60
Dibromochloromethane
Concen: 21.253 ug/l
RT: 11.327 min Scan# 1659
Delta R.T. -0.000 min
Lab File: VR026777.D
Acq: 3 Oct 2025 16:41

Tgt Ion:129 Resp: 268092
Ion Ratio Lower Upper
129 100
127 76.3 39.4 118.1

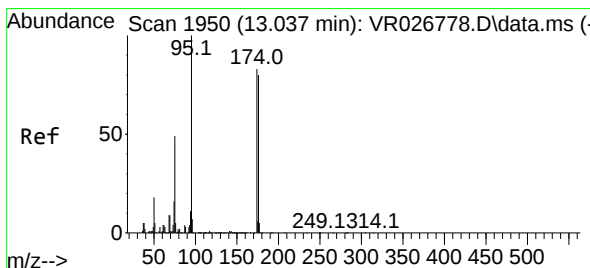
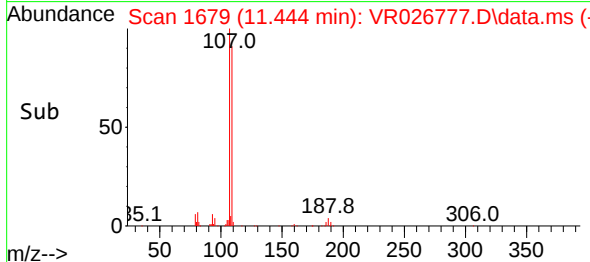
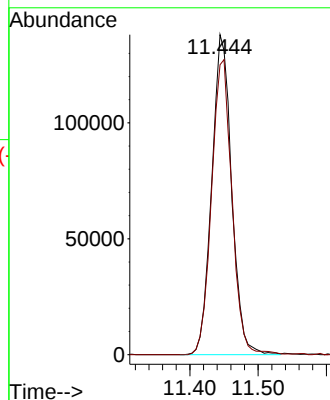
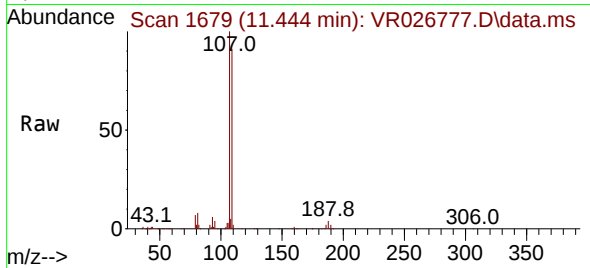




#61
1,2-Dibromoethane
Concen: 20.124 ug/l
RT: 11.444 min Scan# 1
Delta R.T. -0.000 min
Lab File: VR026777.D
Acq: 3 Oct 2025 16:41

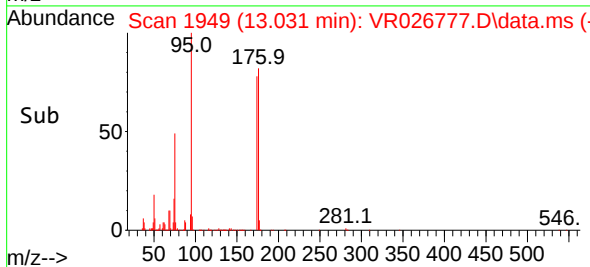
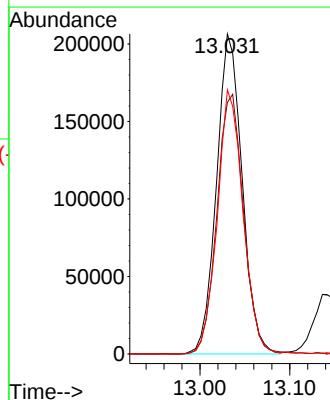
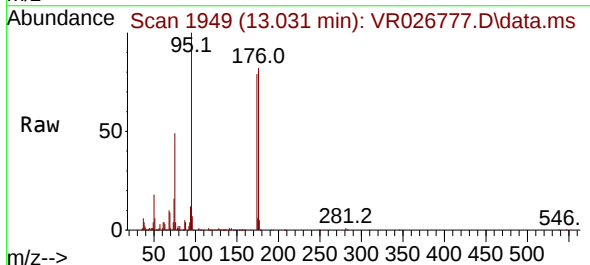
Instrument :
MSVOA_R
ClientSampleId :

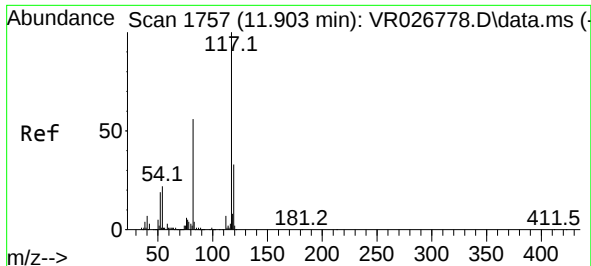
Tgt Ion:107 Resp: 279977
Ion Ratio Lower Upper
107 100
109 94.6 74.9 112.3



#62
4-Bromofluorobenzene
Concen: 19.992 ug/l
RT: 13.031 min Scan# 1949
Delta R.T. -0.006 min
Lab File: VR026777.D
Acq: 3 Oct 2025 16:41

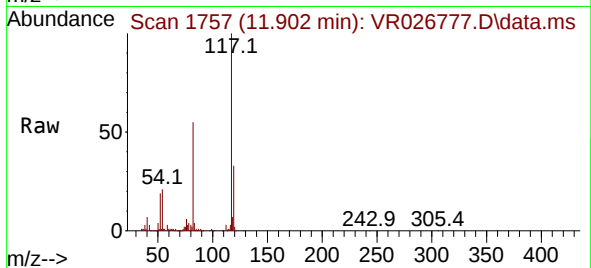
Tgt Ion: 95 Resp: 408470
Ion Ratio Lower Upper
95 100
174 84.8 0.0 169.8
176 82.6 0.0 161.6



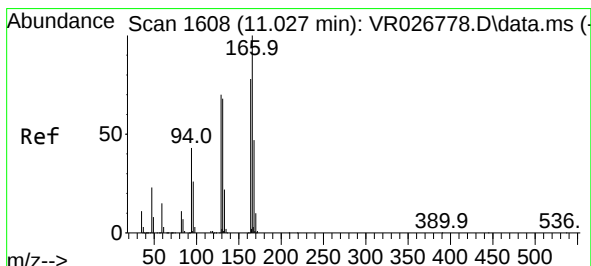
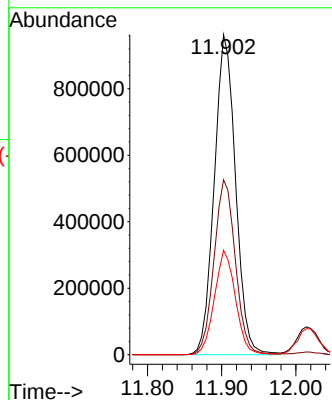
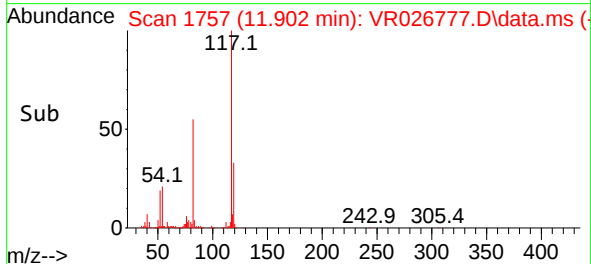


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.902 min Scan# 11
Delta R.T. -0.000 min
Lab File: VR026777.D
Acq: 3 Oct 2025 16:41

Instrument :
MSVOA_R
ClientSampleId :

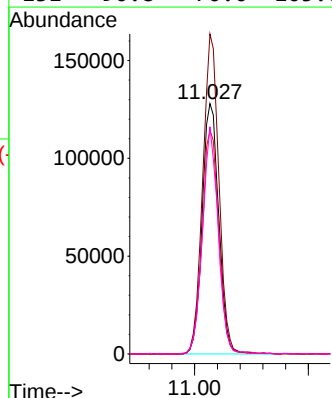
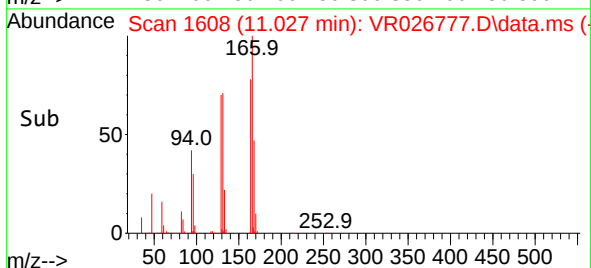
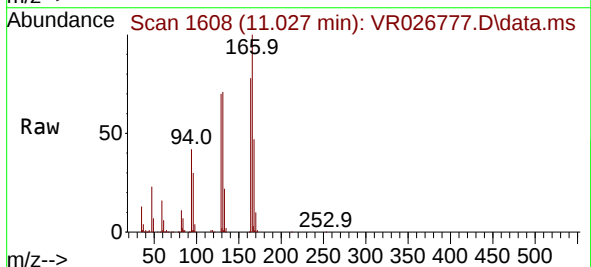


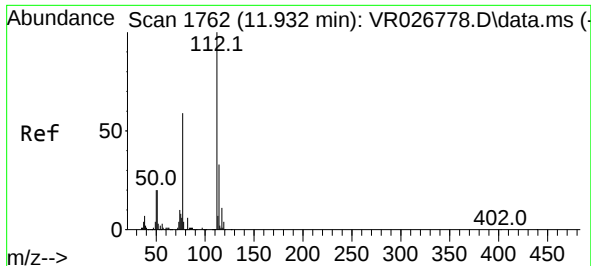
Tgt Ion:117 Resp: 1920877
Ion Ratio Lower Upper
117 100
82 54.7 44.8 67.2
119 32.7 26.7 40.1



#64
Tetrachloroethene
Concen: 20.284 ug/l
RT: 11.027 min Scan# 1608
Delta R.T. -0.000 min
Lab File: VR026777.D
Acq: 3 Oct 2025 16:41

Tgt Ion:164 Resp: 258789
Ion Ratio Lower Upper
164 100
166 127.8 103.2 154.8
129 89.3 72.1 108.1
131 90.8 70.0 105.0

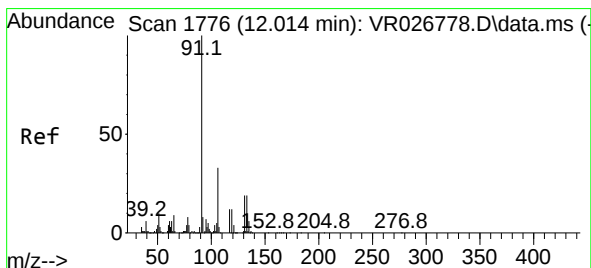
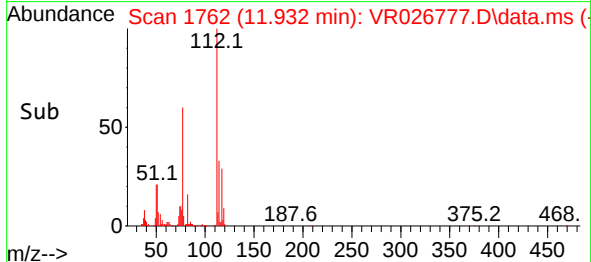
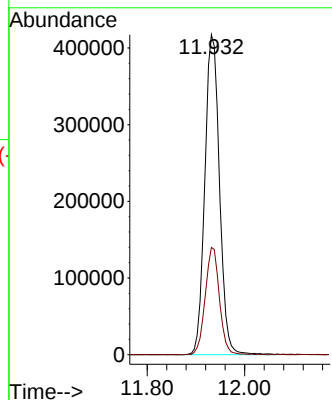
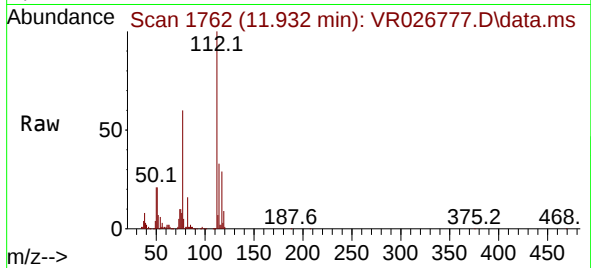




#65
Chlorobenzene
Concen: 20.455 ug/l
RT: 11.932 min Scan# 1762
Delta R.T. -0.000 min
Lab File: VR026777.D
Acq: 3 Oct 2025 16:41

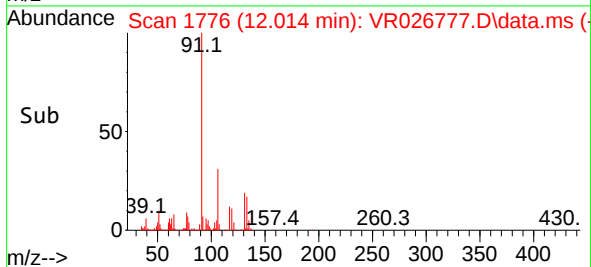
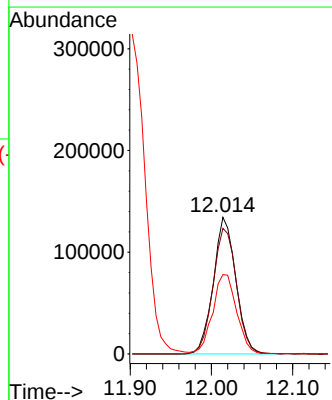
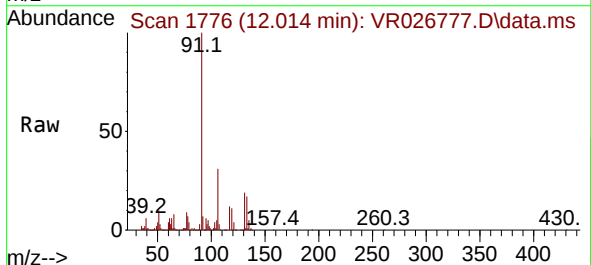
Instrument :
MSVOA_R
ClientSampleId :

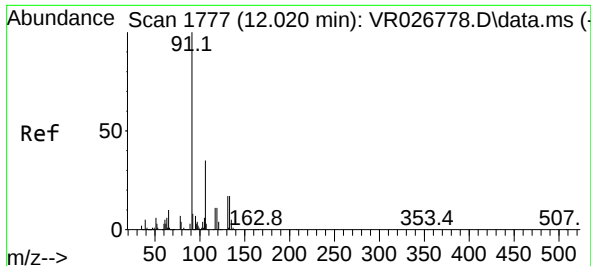
Tgt Ion:112 Resp: 869283
Ion Ratio Lower Upper
112 100
114 33.5 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 20.972 ug/l
RT: 12.014 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VR026777.D
Acq: 3 Oct 2025 16:41

Tgt Ion:131 Resp: 258504
Ion Ratio Lower Upper
131 100
133 96.1 47.4 142.3
119 61.8 31.4 94.2





#67

Ethyl Benzene

Concen: 21.759 ug/l

RT: 12.020 min Scan# 1777

Delta R.T. -0.000 min

Lab File: VR026777.D

Acq: 3 Oct 2025 16:41

Instrument :

MSVOA_R

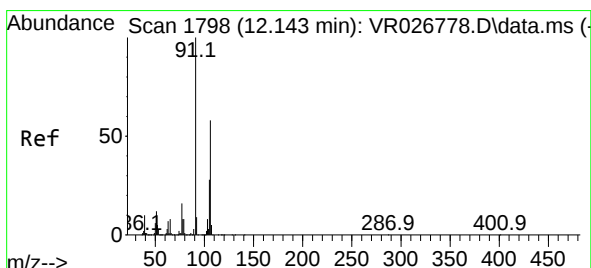
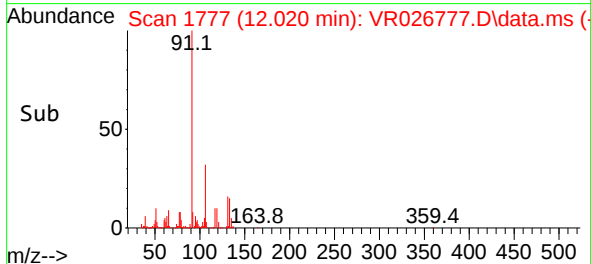
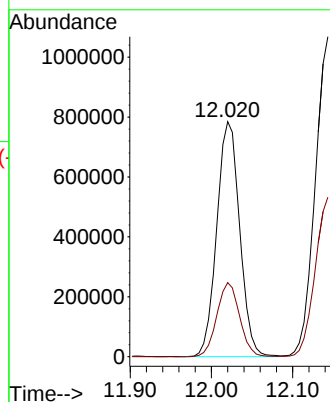
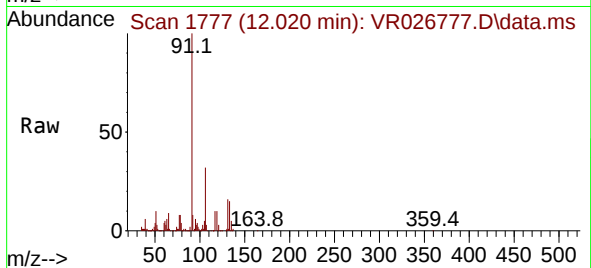
ClientSampleId :

Tgt Ion: 91 Resp: 1538487

Ion Ratio Lower Upper

91 100

106 31.5 28.2 42.4



#68

m/p-Xylenes

Concen: 42.272 ug/l

RT: 12.143 min Scan# 1798

Delta R.T. -0.000 min

Lab File: VR026777.D

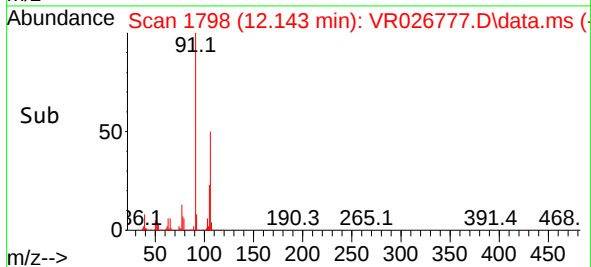
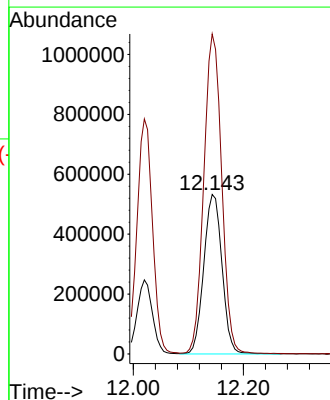
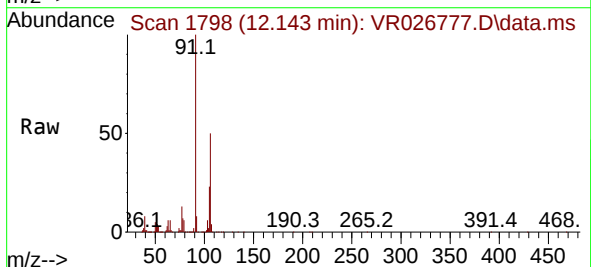
Acq: 3 Oct 2025 16:41

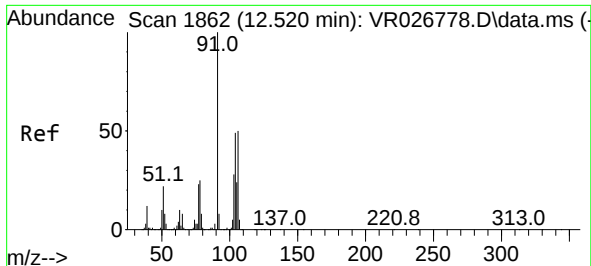
Tgt Ion:106 Resp: 1221402

Ion Ratio Lower Upper

106 100

91 197.2 146.6 220.0

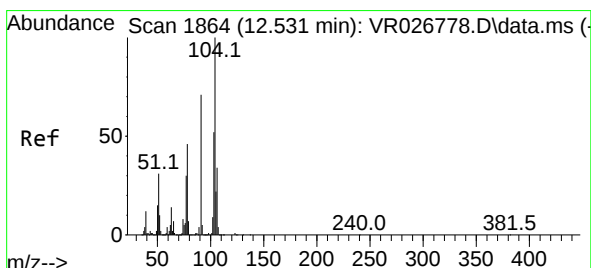
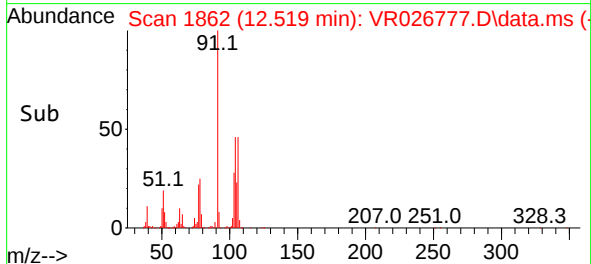
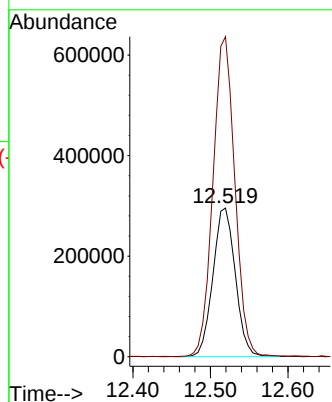
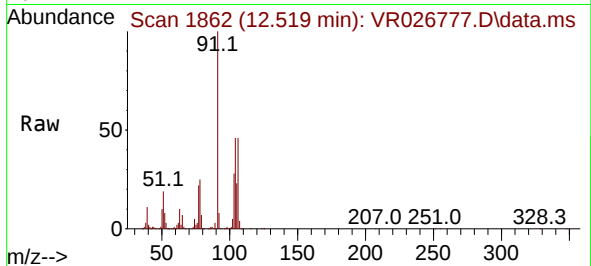




#69
o-Xylene
Concen: 21.059 ug/l
RT: 12.519 min Scan# 1862
Delta R.T. -0.000 min
Lab File: VR026777.D
Acq: 3 Oct 2025 16:41

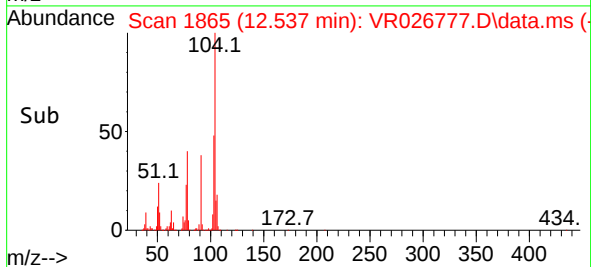
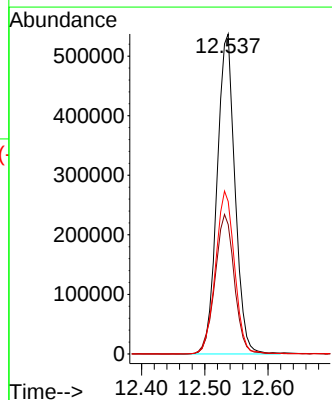
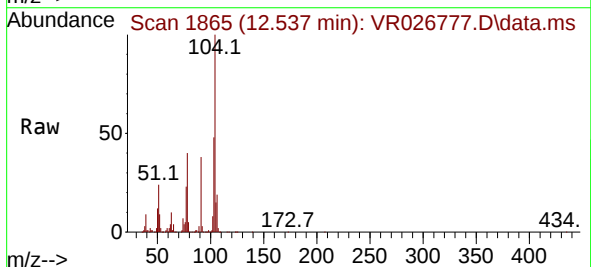
Instrument :
MSVOA_R
ClientSampleId :

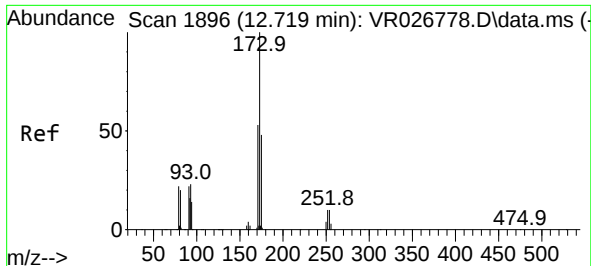
Tgt Ion:106 Resp: 593990
Ion Ratio Lower Upper
106 100
91 210.7 102.8 308.5



#70
Styrene
Concen: 21.232 ug/l
RT: 12.537 min Scan# 1865
Delta R.T. 0.006 min
Lab File: VR026777.D
Acq: 3 Oct 2025 16:41

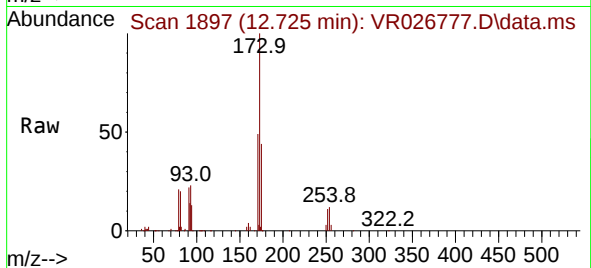
Tgt Ion:104 Resp: 1053506
Ion Ratio Lower Upper
104 100
78 47.2 38.4 57.6
103 54.3 43.6 65.4



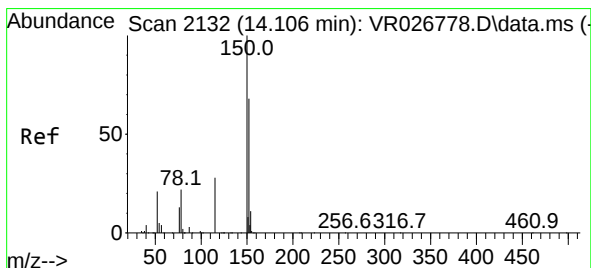
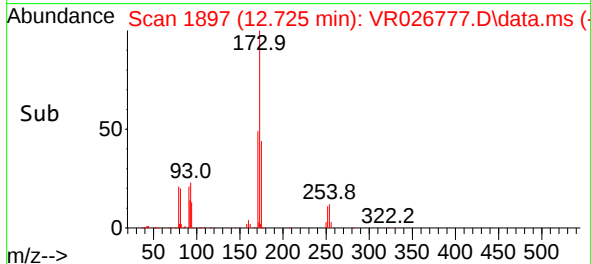
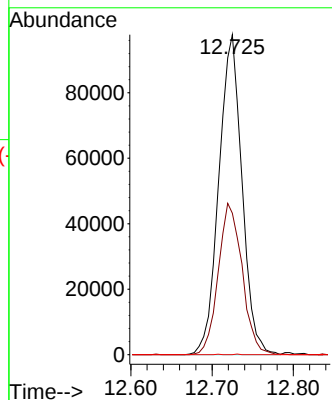


#71
Bromoform
Concen: 20.319 ug/l
RT: 12.725 min Scan# 1896
Delta R.T. 0.006 min
Lab File: VR026777.D
Acq: 3 Oct 2025 16:41

Instrument :
MSVOA_R
ClientSampleId :

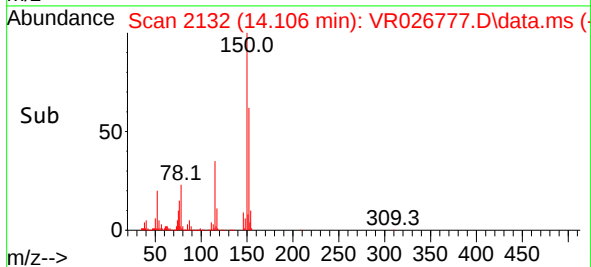
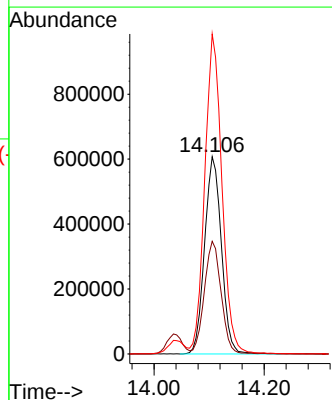
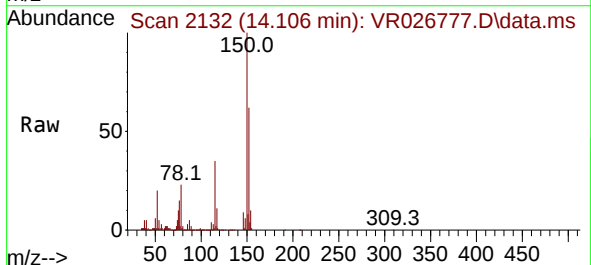


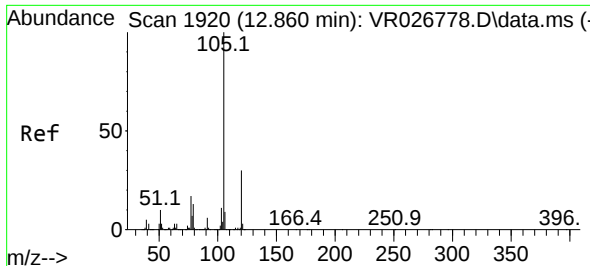
Tgt Ion:173 Resp: 193374
Ion Ratio Lower Upper
173 100
175 48.8 24.1 72.4
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.106 min Scan# 2132
Delta R.T. -0.000 min
Lab File: VR026777.D
Acq: 3 Oct 2025 16:41

Tgt Ion:152 Resp: 1288711
Ion Ratio Lower Upper
152 100
115 57.3 28.7 86.3
150 165.1 0.0 348.2

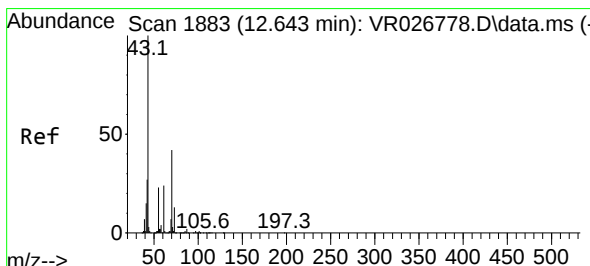
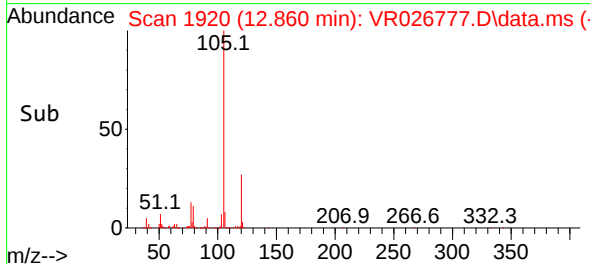
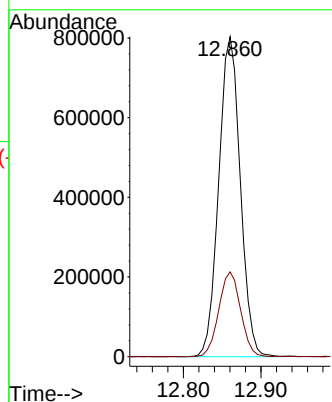
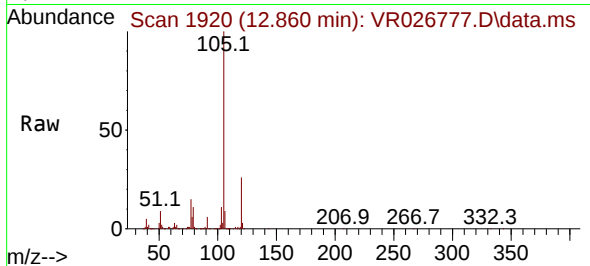




#73
Isopropylbenzene
Concen: 22.292 ug/l
RT: 12.860 min Scan# 1920
Delta R.T. -0.000 min
Lab File: VR026777.D
Acq: 3 Oct 2025 16:41

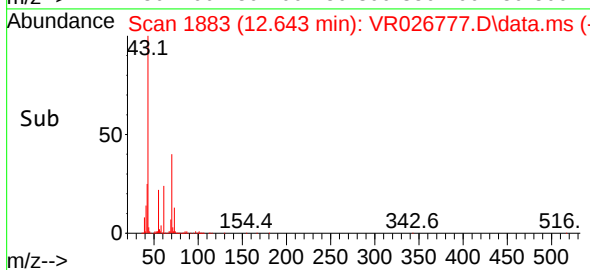
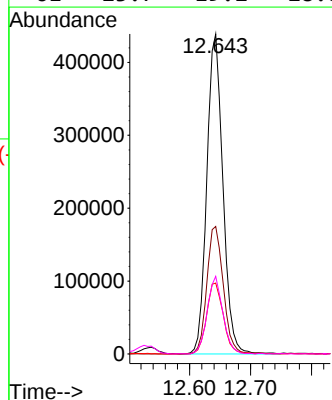
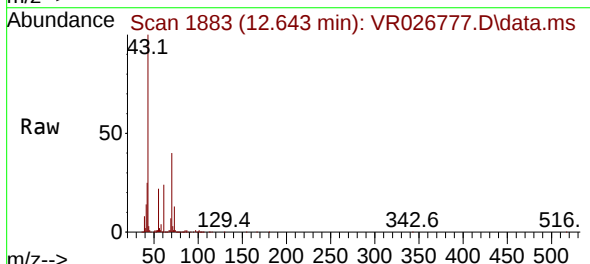
Instrument :
MSVOA_R
ClientSampleId :

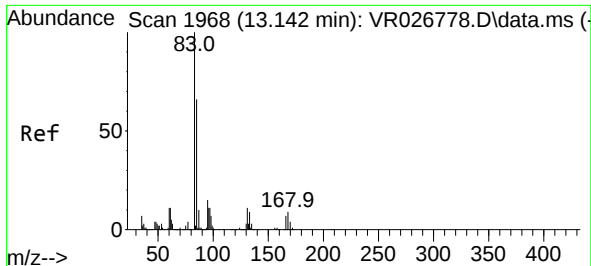
Tgt Ion:105 Resp: 1553567
Ion Ratio Lower Upper
105 100
120 26.8 14.1 42.4



#74
N-ethyl acetate
Concen: 20.712 ug/l
RT: 12.643 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VR026777.D
Acq: 3 Oct 2025 16:41

Tgt Ion: 43 Resp: 805390
Ion Ratio Lower Upper
43 100
70 40.9 33.7 50.5
55 23.1 18.6 27.8
61 23.7 19.2 28.8

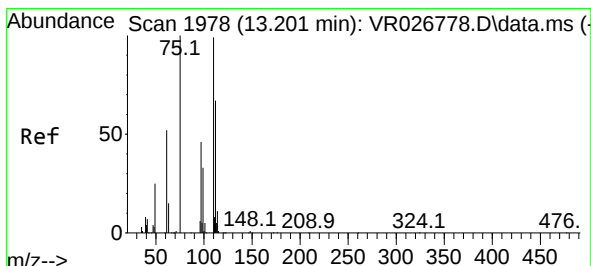
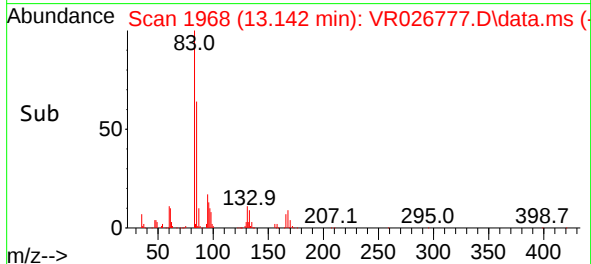
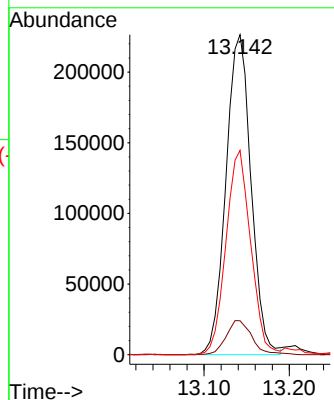
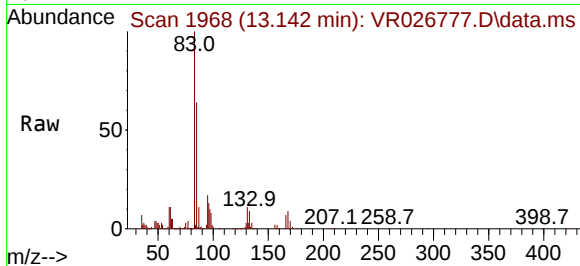




#75
1,1,2,2-Tetrachloroethane
Concen: 20.071 ug/l
RT: 13.142 min Scan# 1968
Delta R.T. -0.000 min
Lab File: VR026777.D
Acq: 3 Oct 2025 16:41

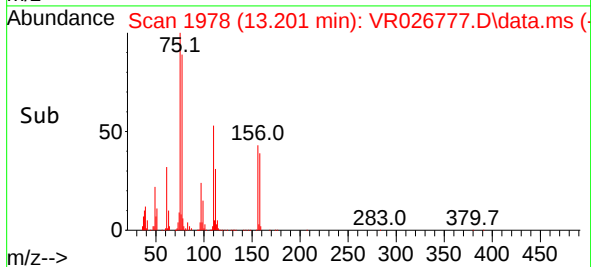
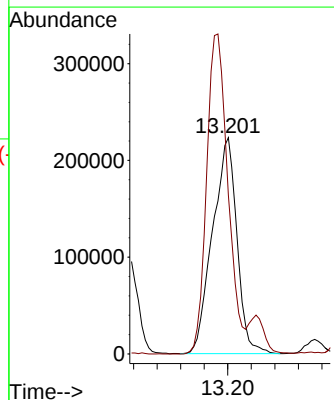
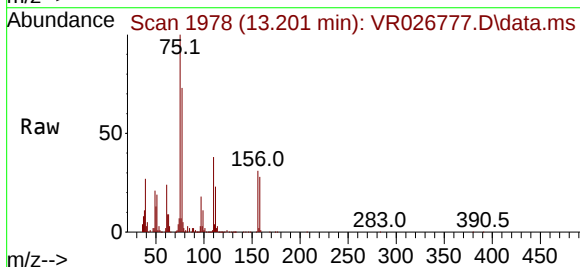
Instrument :
MSVOA_R
ClientSampleId :

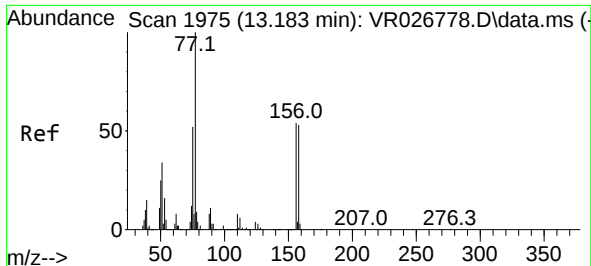
Tgt Ion: 83 Resp: 463383
Ion Ratio Lower Upper
83 100
131 11.0 5.3 16.1
85 62.9 32.3 96.9



#76
1,2,3-Trichloropropane
Concen: 29.999 ug/l
RT: 13.201 min Scan# 1978
Delta R.T. -0.000 min
Lab File: VR026777.D
Acq: 3 Oct 2025 16:41

Tgt Ion: 75 Resp: 641689
Ion Ratio Lower Upper
75 100
77 129.5 86.7 260.1

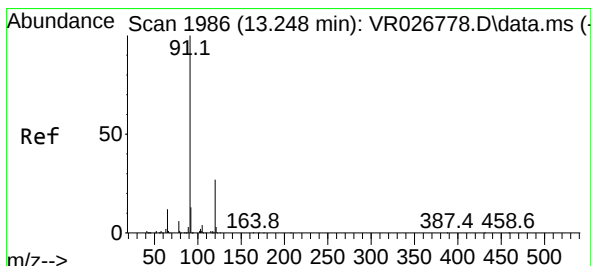
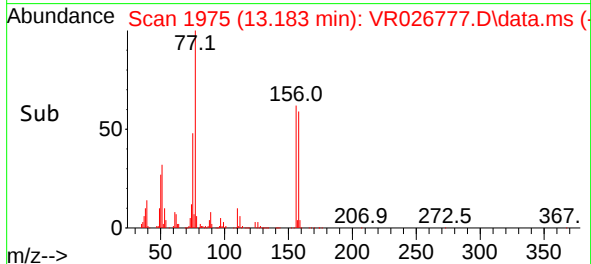
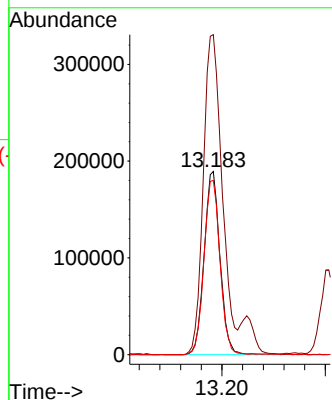
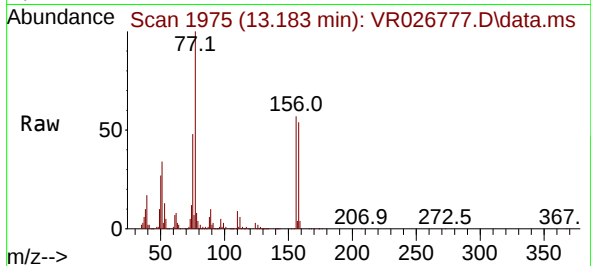




#77
Bromobenzene
Concen: 20.813 ug/l
RT: 13.183 min Scan# 1975
Delta R.T. -0.000 min
Lab File: VR026777.D
Acq: 3 Oct 2025 16:41

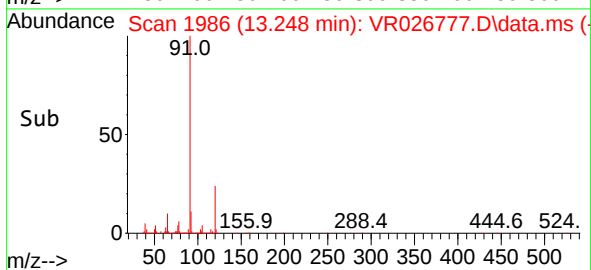
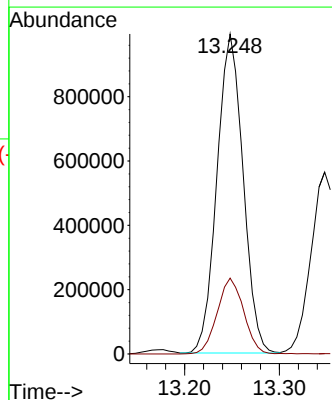
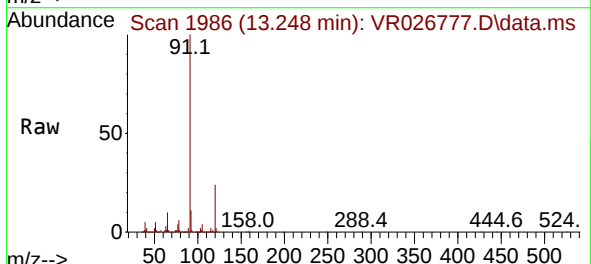
Instrument :
MSVOA_R
ClientSampleId :

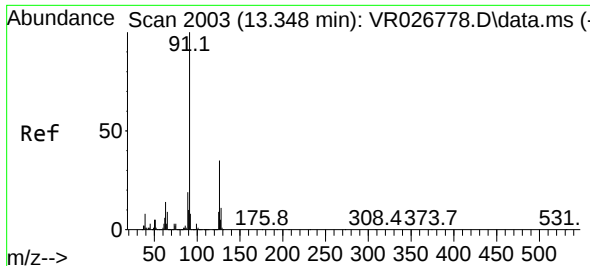
Tgt Ion:156 Resp: 403260
Ion Ratio Lower Upper
156 100
77 206.1 106.2 318.5
158 95.7 48.1 144.4



#78
n-propylbenzene
Concen: 22.115 ug/l
RT: 13.248 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VR026777.D
Acq: 3 Oct 2025 16:41

Tgt Ion: 91 Resp: 1900268
Ion Ratio Lower Upper
91 100
120 24.1 12.8 38.3

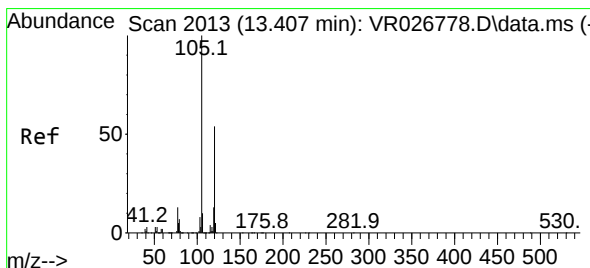
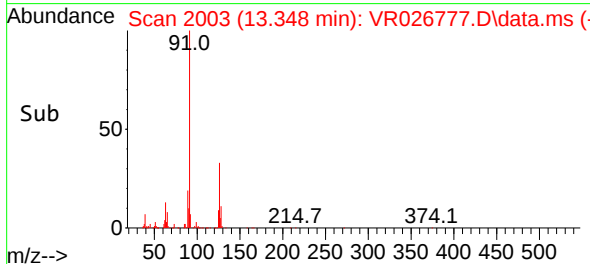
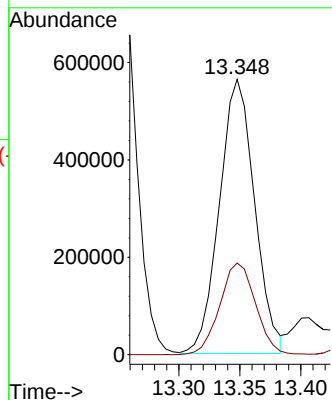
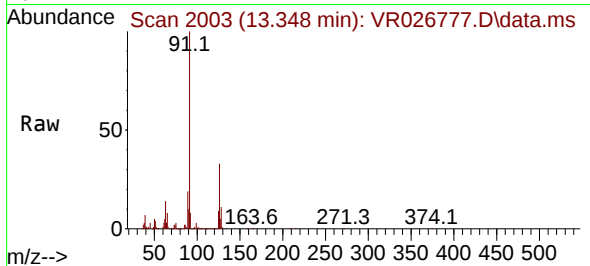




#79
2-Chlorotoluene
Concen: 21.155 ug/l
RT: 13.348 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VR026777.D
Acq: 3 Oct 2025 16:41

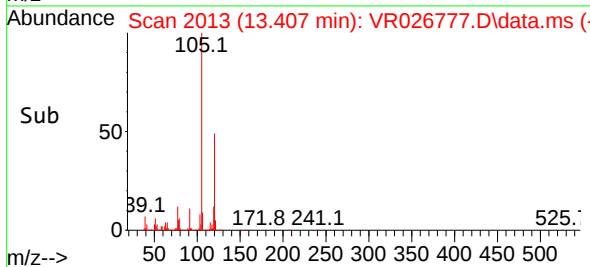
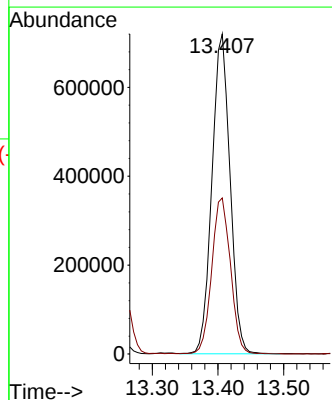
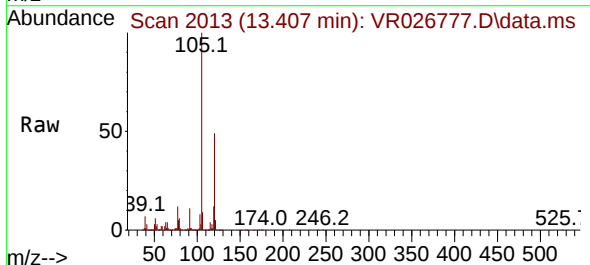
Instrument :
MSVOA_R
ClientSampleId :

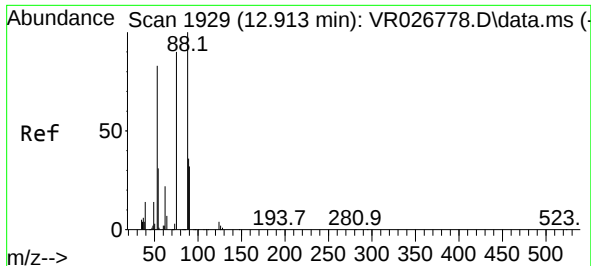
Tgt Ion: 91 Resp: 1133153
Ion Ratio Lower Upper
91 100
126 34.0 17.2 51.5



#80
1,3,5-Trimethylbenzene
Concen: 21.861 ug/l
RT: 13.407 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VR026777.D
Acq: 3 Oct 2025 16:41

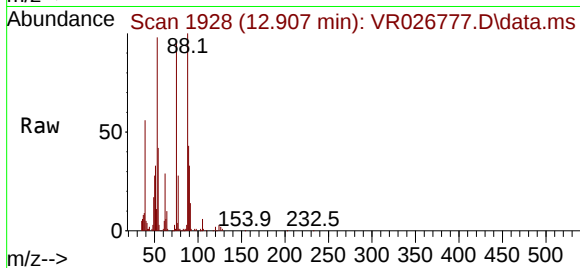
Tgt Ion:105 Resp: 1378042
Ion Ratio Lower Upper
105 100
120 50.5 26.3 78.8



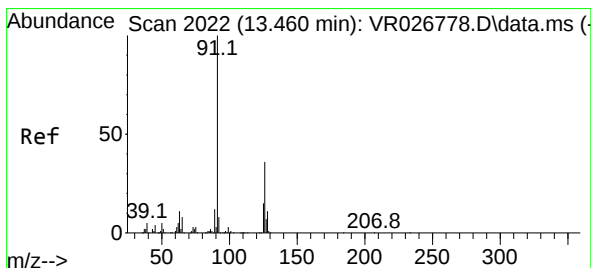
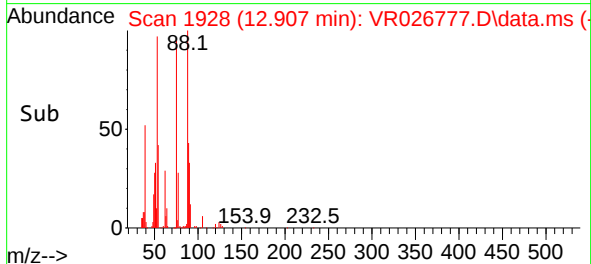
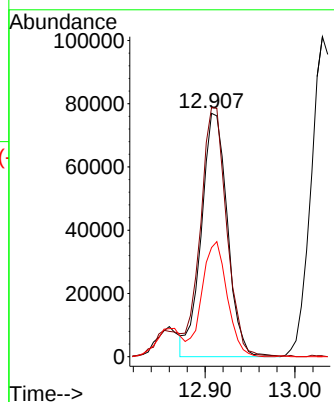


#81
trans-1,4-Dichloro-2-butene
Concen: 20.804 ug/l
RT: 12.907 min Scan# 1929
Delta R.T. -0.006 min
Lab File: VR026777.D
Acq: 3 Oct 2025 16:41

Instrument :
MSVOA_R
ClientSampleId :

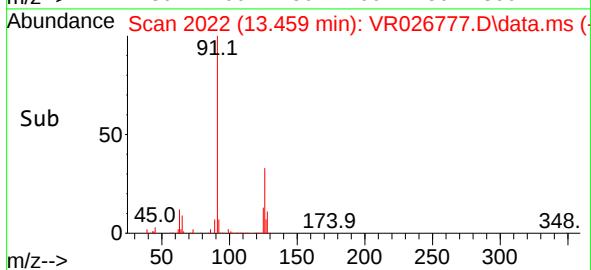
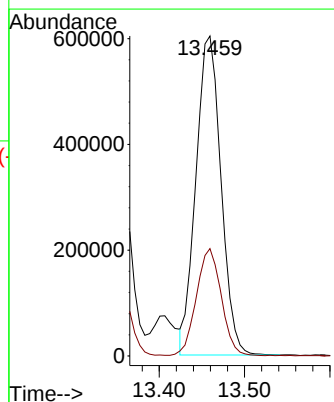
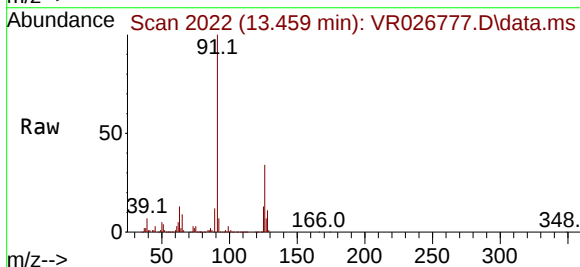


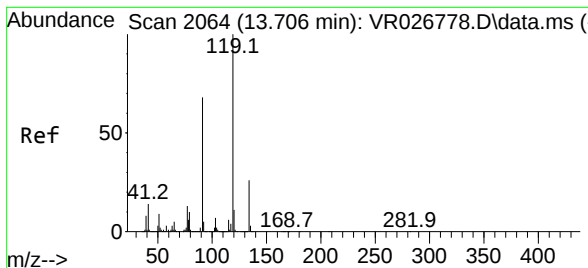
Tgt Ion: 75 Resp: 155039
Ion Ratio Lower Upper
75 100
53 103.7 78.6 118.0
89 45.9 35.6 53.4



#82
4-Chlorotoluene
Concen: 20.799 ug/l
RT: 13.459 min Scan# 2022
Delta R.T. -0.000 min
Lab File: VR026777.D
Acq: 3 Oct 2025 16:41

Tgt Ion: 91 Resp: 1231331
Ion Ratio Lower Upper
91 100
126 33.4 17.3 51.7

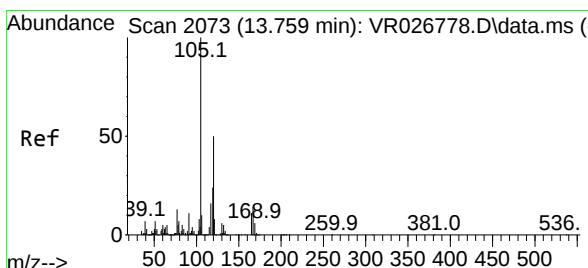
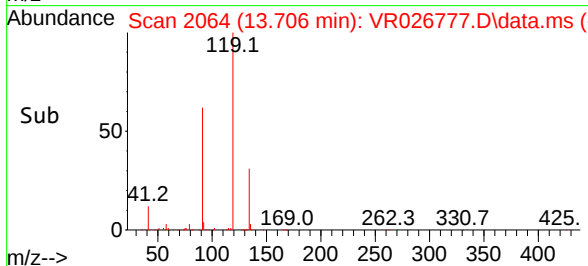
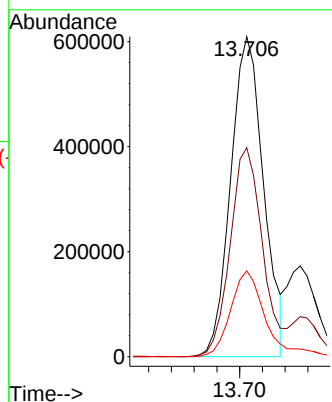
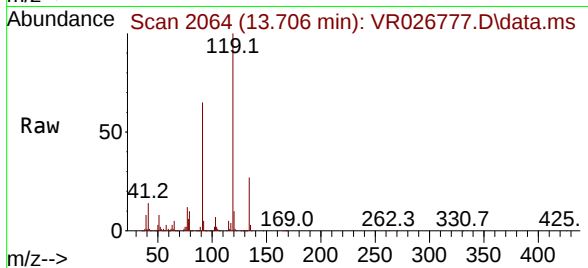




#83
 tert-Butylbenzene
 Concen: 21.807 ug/l
 RT: 13.706 min Scan# 2064
 Delta R.T. -0.000 min
 Lab File: VR026777.D
 Acq: 3 Oct 2025 16:41

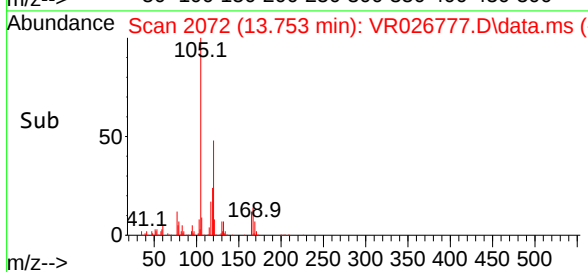
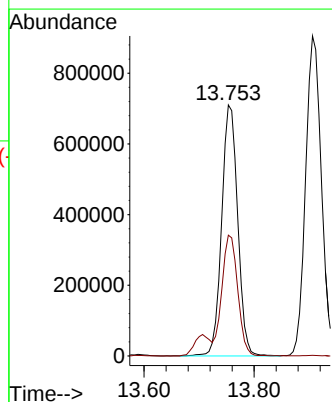
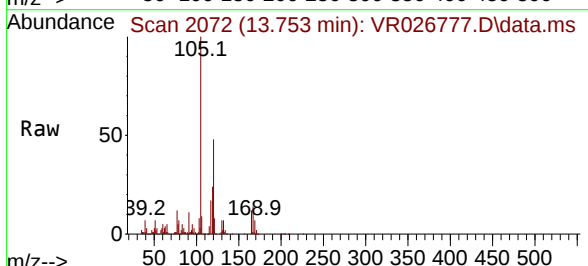
Instrument :
 MSVOA_R
 ClientSampleId :

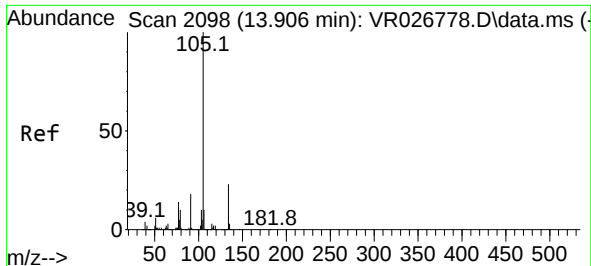
Tgt Ion:119 Resp: 1225254
 Ion Ratio Lower Upper
 119 100
 91 64.8 33.4 100.1
 134 28.3 14.1 42.3



#84
 1,2,4-Trimethylbenzene
 Concen: 21.213 ug/l
 RT: 13.753 min Scan# 2072
 Delta R.T. -0.006 min
 Lab File: VR026777.D
 Acq: 3 Oct 2025 16:41

Tgt Ion:105 Resp: 1434932
 Ion Ratio Lower Upper
 105 100
 120 47.5 24.1 72.3

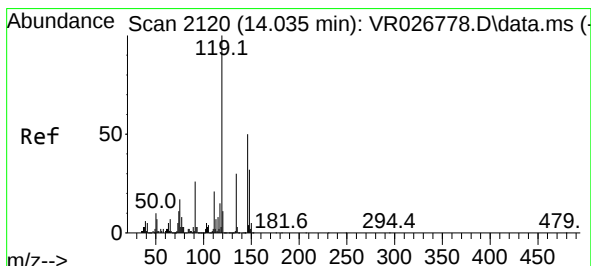
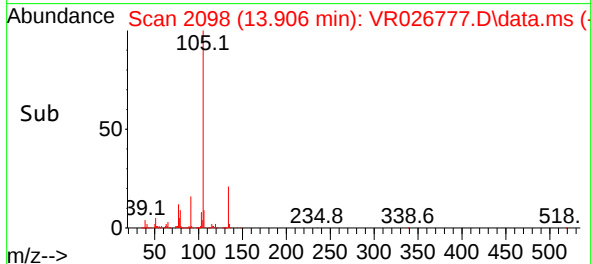
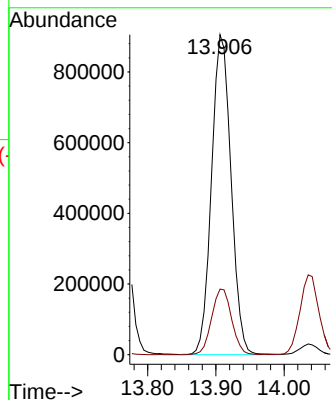
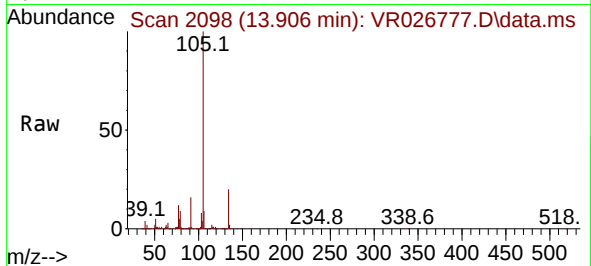




#85
 sec-Butylbenzene
 Concen: 22.041 ug/l
 RT: 13.906 min Scan# 2098
 Delta R.T. -0.000 min
 Lab File: VR026777.D
 Acq: 3 Oct 2025 16:41

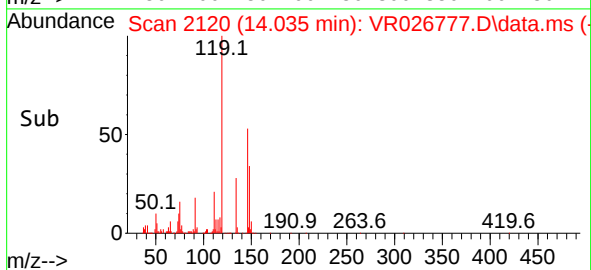
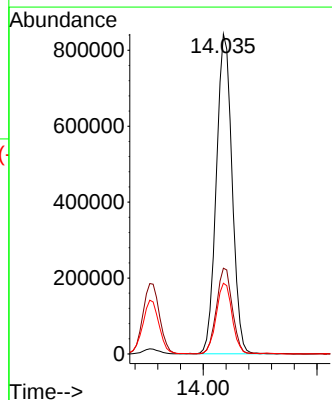
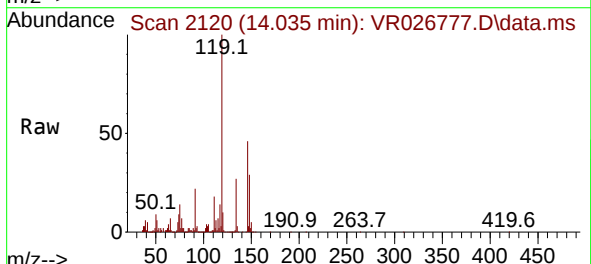
Instrument :
 MSVOA_R
 ClientSampleId :

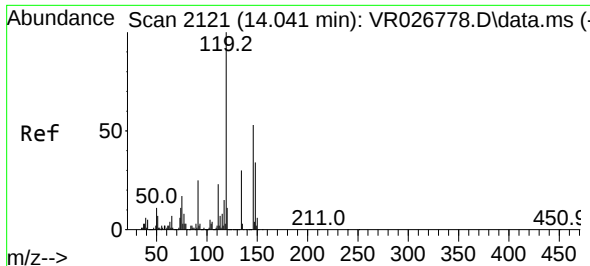
Tgt Ion:105 Resp: 1800648
 Ion Ratio Lower Upper
 105 100
 134 21.0 11.1 33.3



#86
 p-Isopropyltoluene
 Concen: 21.799 ug/l
 RT: 14.035 min Scan# 2120
 Delta R.T. -0.000 min
 Lab File: VR026777.D
 Acq: 3 Oct 2025 16:41

Tgt Ion:119 Resp: 1616739
 Ion Ratio Lower Upper
 119 100
 134 26.9 14.0 42.0
 91 22.2 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 19.971 ug/l

RT: 14.041 min Scan# 2121

Delta R.T. -0.000 min

Lab File: VR026777.D

Acq: 3 Oct 2025 16:41

Instrument :

MSVOA_R

ClientSampleId :

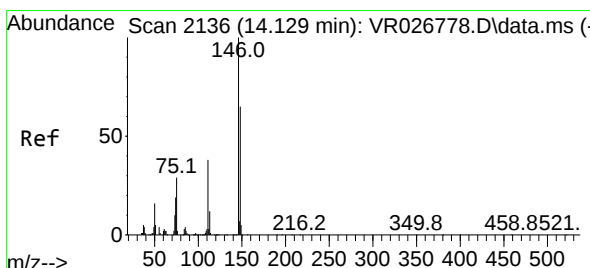
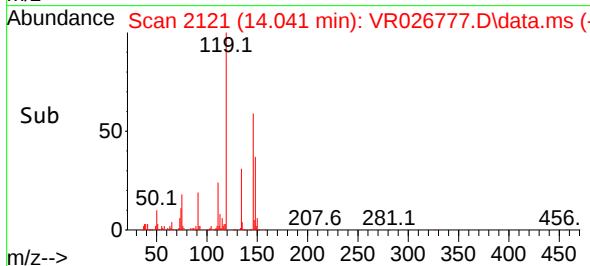
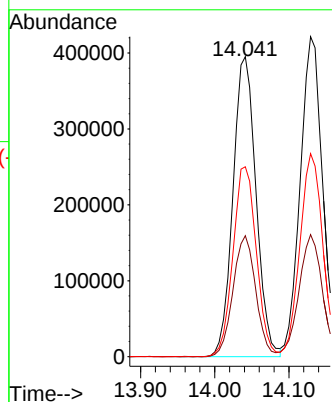
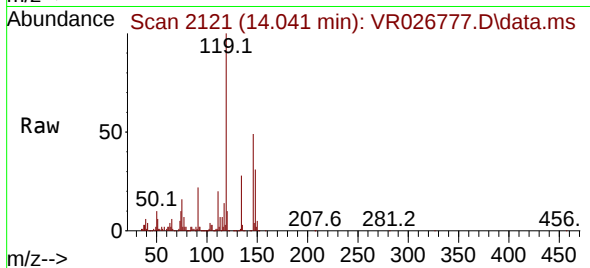
Tgt Ion:146 Resp: 853601

Ion Ratio Lower Upper

146 100

111 39.8 20.3 60.9

148 64.3 32.3 96.9



#88

1,4-Dichlorobenzene

Concen: 19.715 ug/l

RT: 14.129 min Scan# 2136

Delta R.T. -0.000 min

Lab File: VR026777.D

Acq: 3 Oct 2025 16:41

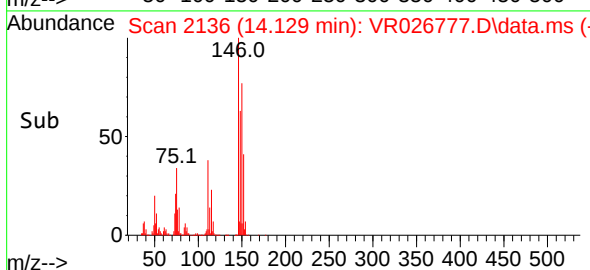
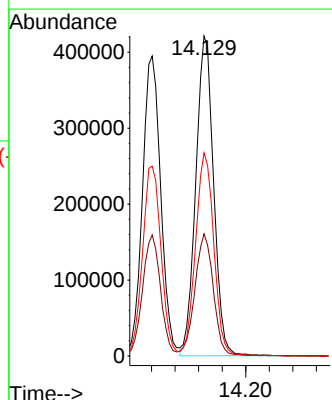
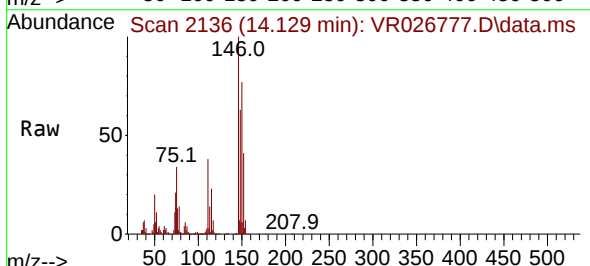
Tgt Ion:146 Resp: 886549

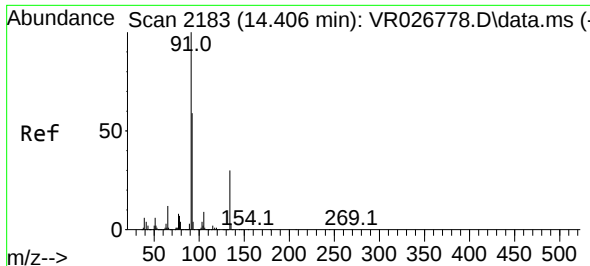
Ion Ratio Lower Upper

146 100

111 39.8 18.9 56.9

148 64.8 32.0 96.2

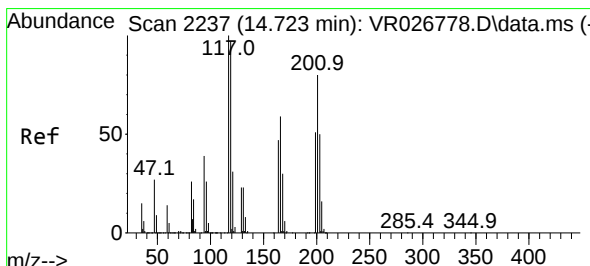
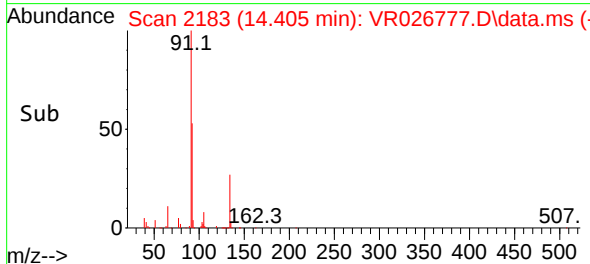
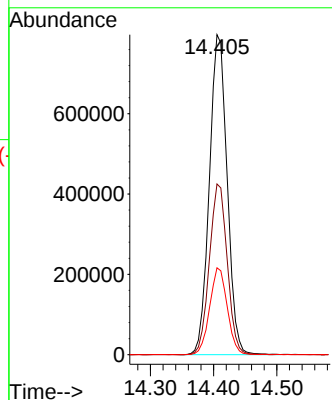
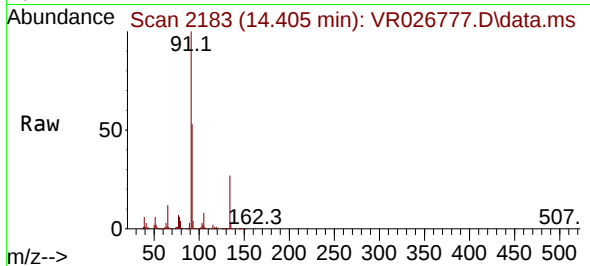




#89
n-Butylbenzene
Concen: 21.417 ug/l
RT: 14.405 min Scan# 2183
Delta R.T. -0.000 min
Lab File: VR026777.D
Acq: 3 Oct 2025 16:41

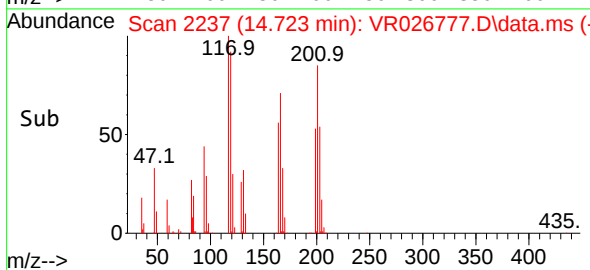
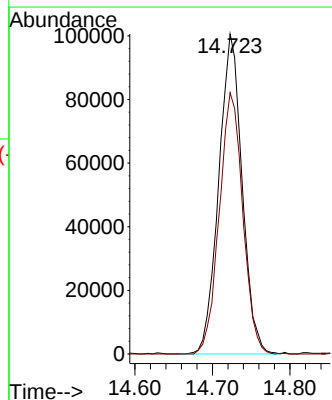
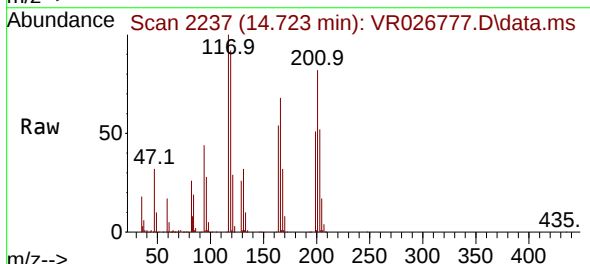
Instrument :
MSVOA_R
ClientSampleId :

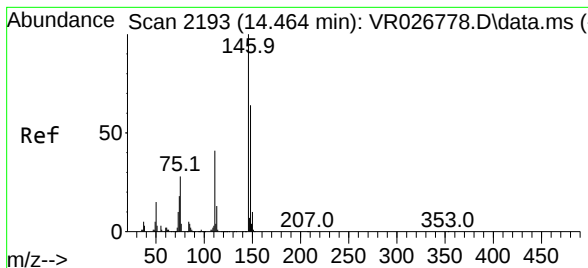
Tgt Ion: 91 Resp: 1554441
Ion Ratio Lower Upper
91 100
92 53.6 28.2 84.6
134 26.9 14.0 42.0



#90
Hexachloroethane
Concen: 21.268 ug/l
RT: 14.723 min Scan# 2237
Delta R.T. -0.000 min
Lab File: VR026777.D
Acq: 3 Oct 2025 16:41

Tgt Ion:117 Resp: 210507
Ion Ratio Lower Upper
117 100
201 82.2 41.0 123.0

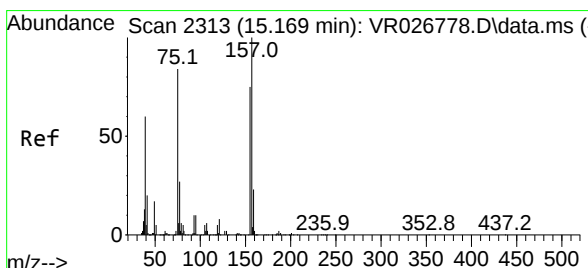
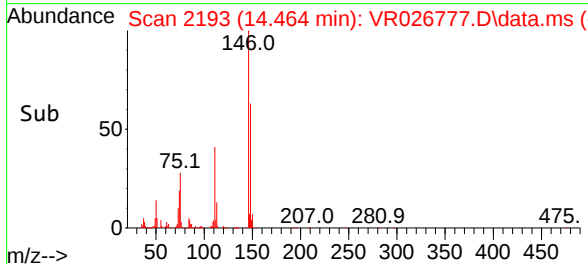
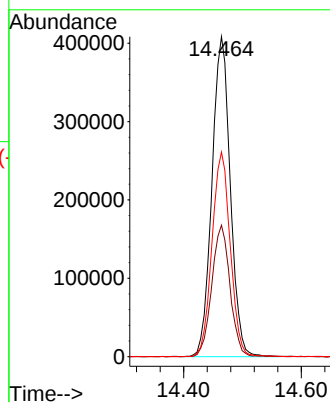
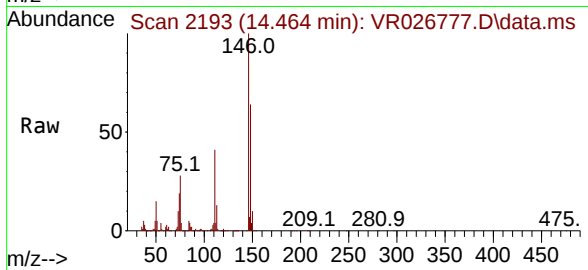




#91
1,2-Dichlorobenzene
Concen: 20.729 ug/l
RT: 14.464 min Scan# 2193
Delta R.T. -0.000 min
Lab File: VR026777.D
Acq: 3 Oct 2025 16:41

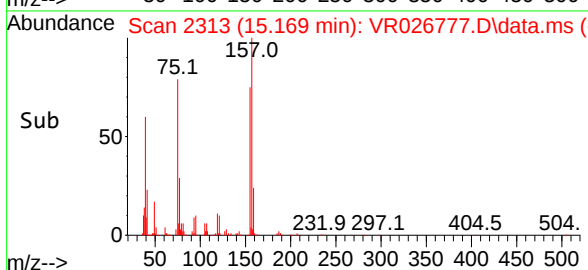
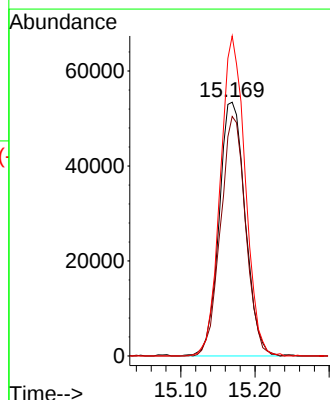
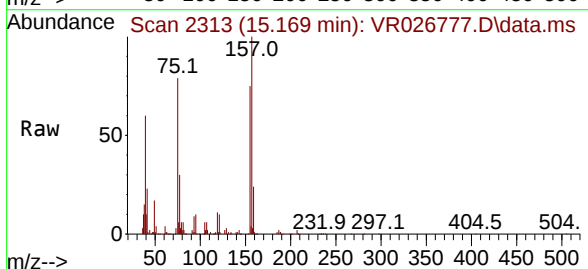
Instrument :
MSVOA_R
ClientSampleId :

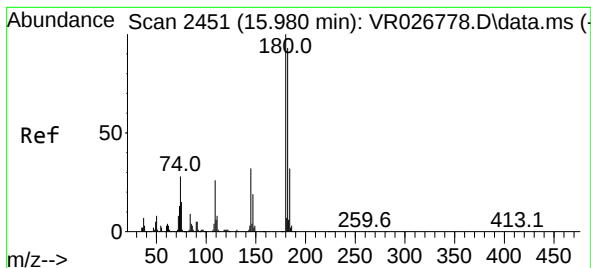
Tgt Ion:146 Resp: 884016
Ion Ratio Lower Upper
146 100
111 40.9 20.6 61.8
148 63.7 31.9 95.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 22.276 ug/l
RT: 15.169 min Scan# 2313
Delta R.T. -0.000 min
Lab File: VR026777.D
Acq: 3 Oct 2025 16:41

Tgt Ion: 75 Resp: 130433
Ion Ratio Lower Upper
75 100
155 90.8 46.1 138.2
157 120.1 59.8 179.4





#93

1,2,4-Trichlorobenzene

Concen: 20.272 ug/l

RT: 15.980 min Scan# 2451

Delta R.T. -0.000 min

Lab File: VR026777.D

Acq: 3 Oct 2025 16:41

Instrument :

MSVOA_R

ClientSampleId :

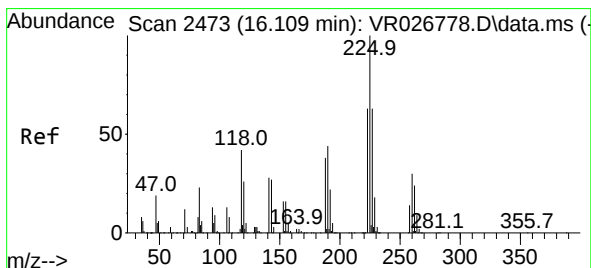
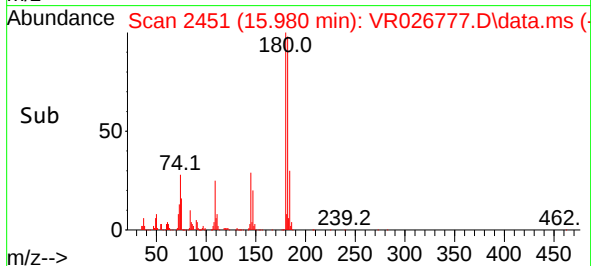
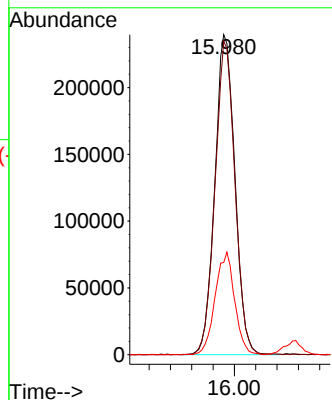
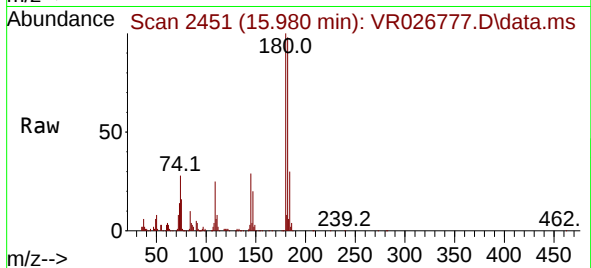
Tgt Ion:180 Resp: 625939

Ion Ratio Lower Upper

180 100

182 97.1 48.1 144.3

145 31.1 15.6 46.8



#94

Hexachlorobutadiene

Concen: 20.034 ug/l

RT: 16.109 min Scan# 2473

Delta R.T. -0.000 min

Lab File: VR026777.D

Acq: 3 Oct 2025 16:41

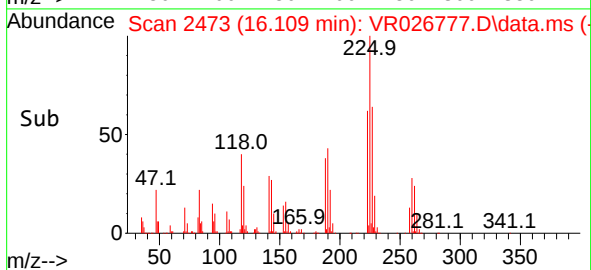
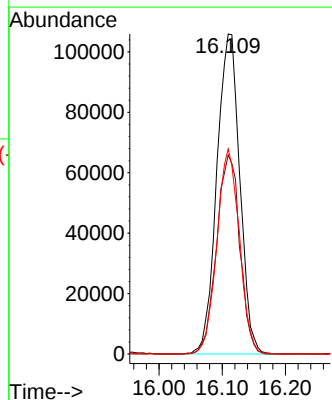
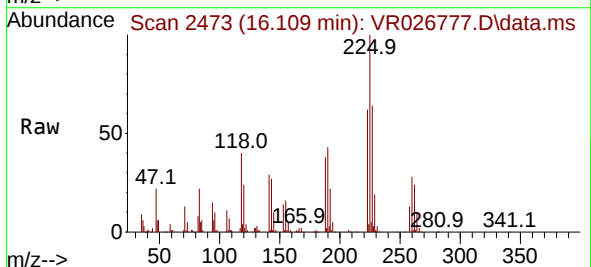
Tgt Ion:225 Resp: 267060

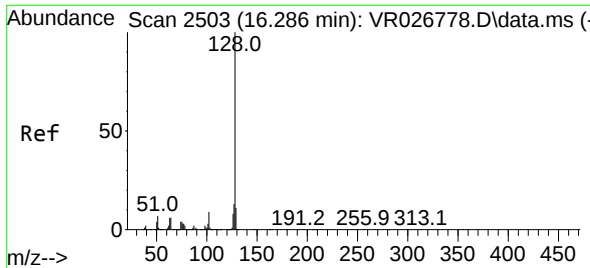
Ion Ratio Lower Upper

225 100

223 63.0 31.0 93.0

227 62.7 31.4 94.0

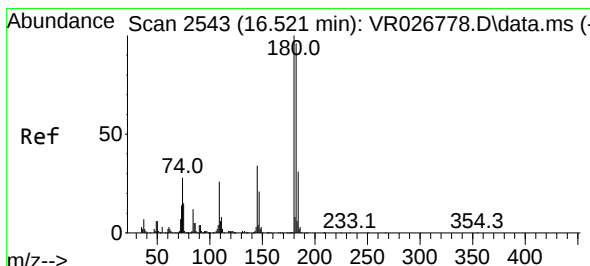
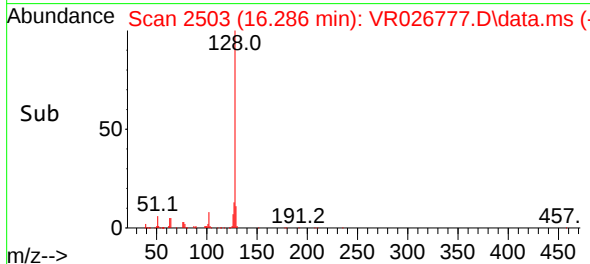
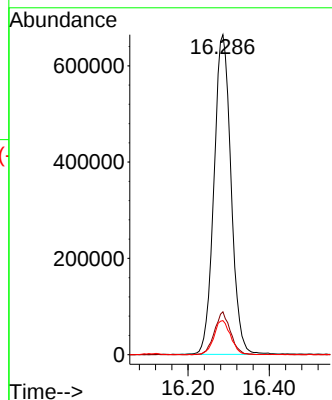
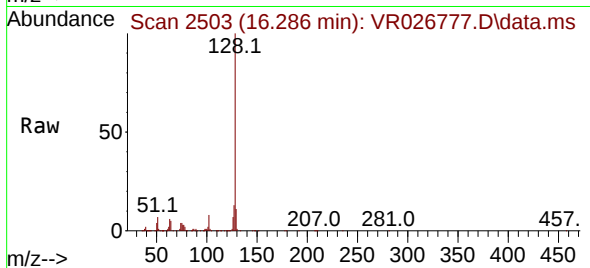




#95
Naphthalene
Concen: 19.436 ug/l
RT: 16.286 min Scan# 2503
Delta R.T. -0.000 min
Lab File: VR026777.D
Acq: 3 Oct 2025 16:41

Instrument :
MSVOA_R
ClientSampleId :

Tgt Ion:128 Resp: 1930057
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 10.6 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 20.460 ug/l
RT: 16.526 min Scan# 2544
Delta R.T. 0.006 min
Lab File: VR026777.D
Acq: 3 Oct 2025 16:41

Tgt Ion:180 Resp: 610981
Ion Ratio Lower Upper
180 100
182 96.6 47.6 142.8
145 33.1 16.4 49.2

