

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR080425\
 Data File : VR026701.D
 Acq On : 4 Aug 2025 17:14
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5mL/MSVOA_R/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDC0050EC

Quant Time: Aug 05 07:46:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_R\methods\82R080425W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 05 02:27:49 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.311	168	609867	50.000	ug/l	0.00
33) 1,4-Difluorobenzene	8.338	114	1113569	50.000	ug/l	0.00
62) Chlorobenzene-d5	11.544	117	862138	50.000	ug/l	0.00
71) 1,4-Dichlorobenzene-d4	13.751	152	395194	50.000	ug/l	0.00

System Monitoring Compounds						
32) 1,2-Dichloroethane-d4	7.699	65	414398	53.686	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.380%	
34) Dibromofluoromethane	7.212	113	348698	50.628	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.260%	
49) Toluene-d8	10.045	98	1331730	53.970	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.940%	
61) 4-Bromofluorobenzene	12.679	95	367442	52.354	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 104.700%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.663	85	203329	45.745	ug/l	97
3) Chloromethane	1.849	50	337937	51.148	ug/l	97
4) Vinyl Chloride	1.965	62	373397	55.304	ug/l	99
5) Bromomethane	2.302	94	186820	56.785	ug/l	93
6) Chloroethane	2.437	64	240491	55.320	ug/l	97
7) Trichlorofluoromethane	2.725	101	676709	55.608	ug/l	96
8) Diethyl Ether	3.088	74	301076	55.760	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.396	101	318889	48.575	ug/l	99
10) Methyl Iodide	3.563	142	293415	46.310	ug/l	98
11) Tert butyl alcohol	4.340	59	390786	323.584	ug/l #	86
12) 1,1-Dichloroethene	3.370	96	314318	48.450	ug/l	94
13) Acrolein	3.252	56	497099	281.582	ug/l	98
14) Allyl chloride	3.894	41	621323	48.681	ug/l	96
15) Acrylonitrile	4.494	53	1445860	301.601	ug/l	98
16) Acetone	3.447	43	1021091	281.852	ug/l	95
17) Carbon Disulfide	3.653	76	432795	45.068	ug/l	98
18) Methyl Acetate	3.906	43	919055	60.782	ug/l	100
19) Methyl tert-butyl Ether	4.571	73	1388912	53.497	ug/l	99
20) Methylene Chloride	4.099	84	426741	49.636	ug/l	97
21) trans-1,2-Dichloroethene	4.548	96	351452	49.280	ug/l	93
22) Diisopropyl ether	5.482	45	1594258	53.305	ug/l	97
23) Vinyl Acetate	5.405	43	4837751	283.689	ug/l	96
24) 1,1-Dichloroethane	5.350	63	773916	51.097	ug/l	100
25) 2-Butanone	6.390	43	1735035	309.423	ug/l	98
26) 2,2-Dichloropropane	6.368	77	509266	48.638	ug/l #	73
27) cis-1,2-Dichloroethene	6.368	96	467661	50.970	ug/l	97
28) Bromochloromethane	6.762	49	272328	49.897	ug/l	97
29) Chloroform	6.964	83	678258	51.697	ug/l	91
30) Cyclohexane	7.285	56	281189	22.989	ug/l	94
31) 1,1,1-Trichloroethane	7.192	97	482002	50.858	ug/l	99
35) 1,1-Dichloropropene	7.443	75	435939	50.172	ug/l	98
36) Ethyl Acetate	6.496	43	605974	58.255	ug/l	99
37) Carbon Tetrachloride	7.420	117	347349	49.085	ug/l	95
38) Methylcyclohexane	8.896	83	483321	48.595	ug/l	96
39) Benzene	7.719	78	1593820	50.937	ug/l	100
40) Methacrylonitrile	6.737	41	378088	58.487	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) 1,2-Dichloroethane	7.812	62	406499	51.076	ug/l	98
42) Isopropyl Acetate	7.885	43	978657	58.511	ug/l	98
43) Trichloroethene	8.617	130	302571	50.282	ug/l	100
44) 1,2-Dichloropropane	8.935	63	378139	51.067	ug/l	95
45) Dibromomethane	9.031	93	207888	50.482	ug/l	100
46) Bromodichloromethane	9.256	83	417633	52.342	ug/l	91
47) Methyl methacrylate	9.041	41	434224	59.316	ug/l	99
48) 1,4-Dioxane	9.041	88	156604	1328.054	ug/l	96
50) 4-Methyl-2-Pentanone	9.929	43	2798462	320.475	ug/l	99
51) Toluene	10.119	92	834384	52.236	ug/l	100
52) t-1,3-Dichloropropene	10.375	75	410006	52.427	ug/l	95
53) cis-1,3-Dichloropropene	9.756	75	498045	53.094	ug/l	97
54) 1,1,2-Trichloroethane	10.581	97	317141	54.366	ug/l	95
55) Ethyl methacrylate	10.440	69	565676	58.720	ug/l	99
56) 1,3-Dichloropropane	10.745	76	544317	54.781	ug/l	99
57) 2-Chloroethyl Vinyl ether	9.599	63	270833	508.730	ug/l #	71
58) 2-Hexanone	10.805	43	1951064	331.432	ug/l	100
59) Dibromochloromethane	10.966	129	266871	54.056	ug/l	97
60) 1,2-Dibromoethane	11.081	107	281703	56.109	ug/l	99
63) Tetrachloroethene	10.661	164	230637	48.970	ug/l	97
64) Chlorobenzene	11.576	112	883195	49.224	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.662	131	251789	51.378	ug/l	97
66) Ethyl Benzene	11.669	91	1483820	49.528	ug/l	98
67) m/p-Xylenes	11.794	106	1196896	99.997	ug/l	99
68) o-Xylene	12.166	106	588029	50.610	ug/l	100
69) Styrene	12.182	104	1001744	51.593	ug/l	98
70) Bromoform	12.365	173	149105	53.760	ug/l	97
72) Isopropylbenzene	12.513	105	1417841	50.336	ug/l	99
73) N-amyl acetate	12.307	43	618560	55.385	ug/l	100
74) 1,1,2,2-Tetrachloroethane	12.795	83	447482	54.146	ug/l	99
75) 1,2,3-Trichloropropane	12.853	75	520586	79.470	ug/l #	100
76) Bromobenzene	12.821	156	324050	49.712	ug/l	98
77) n-propylbenzene	12.901	91	1672153	49.758	ug/l	100
78) 2-Chlorotoluene	12.994	91	944418	49.533	ug/l	99
79) 1,3,5-Trimethylbenzene	13.058	105	1107626	50.286	ug/l	98
80) trans-1,4-Dichloro-2-b...	12.564	75	129169	57.430	ug/l	95
81) 4-Chlorotoluene	13.106	91	924285	47.454	ug/l	98
82) tert-Butylbenzene	13.357	119	996988	49.763	ug/l	99
83) 1,2,4-Trimethylbenzene	13.405	105	1128762	51.770	ug/l	99
84) sec-Butylbenzene	13.559	105	1504922	50.651	ug/l	100
85) p-Isopropyltoluene	13.687	119	1264663	52.203	ug/l	99
86) 1,3-Dichlorobenzene	13.684	146	641123	50.168	ug/l	100
87) 1,4-Dichlorobenzene	13.774	146	624459	48.683	ug/l	99
88) n-Butylbenzene	14.059	91	1110715	49.745	ug/l	98
89) Hexachloroethane	14.358	117	172486	49.582	ug/l	97
90) 1,2-Dichlorobenzene	14.104	146	603673	50.294	ug/l	99
91) 1,2-Dibromo-3-Chloropr...	14.797	75	62929	57.182	ug/l	96
92) 1,2,4-Trichlorobenzene	15.568	180	349053	48.634	ug/l	98
93) Hexachlorobutadiene	15.689	225	105418	45.206	ug/l	98
94) Naphthalene	15.847	128	1133104	51.519	ug/l	100
95) 1,2,3-Trichlorobenzene	16.071	180	340133	49.918	ug/l	100

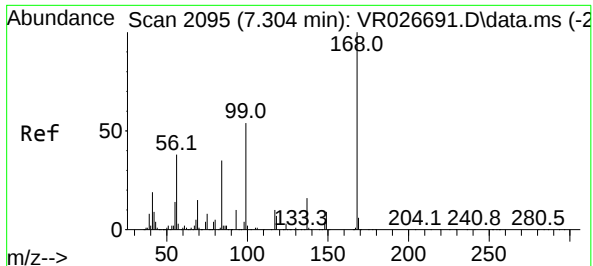
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

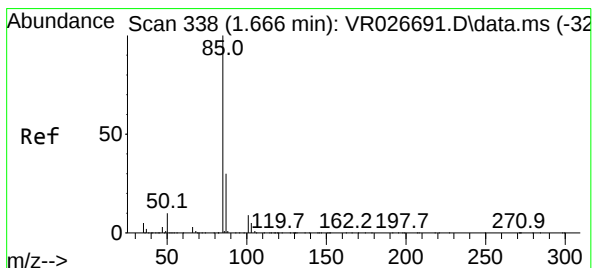
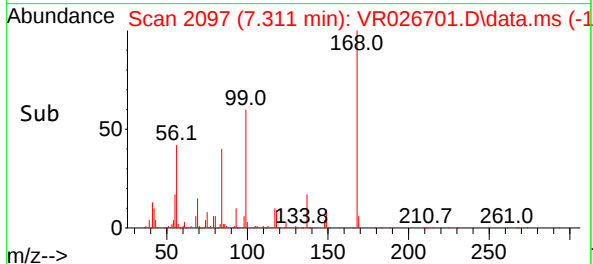
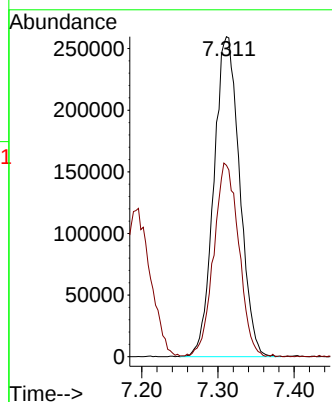
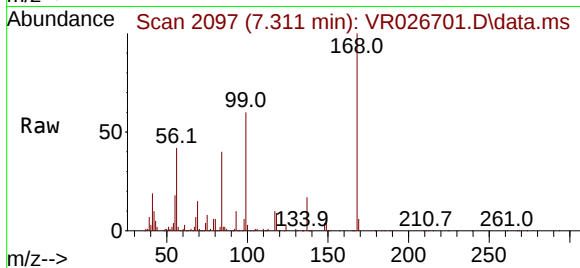
(#)=qualifier out of range (m)=manual integration (+)=signals summed						



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.311 min Scan# 2095
Delta R.T. 0.007 min
Lab File: VR026701.D
Acq: 4 Aug 2025 17:14

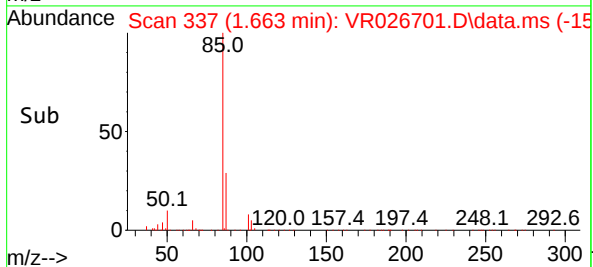
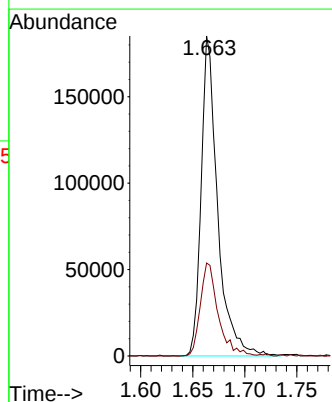
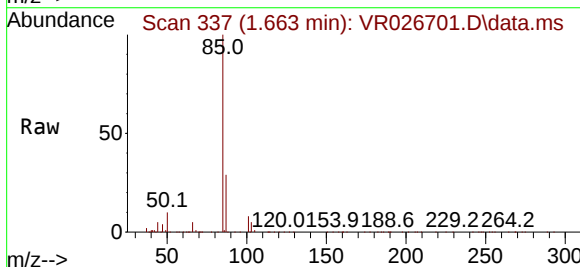
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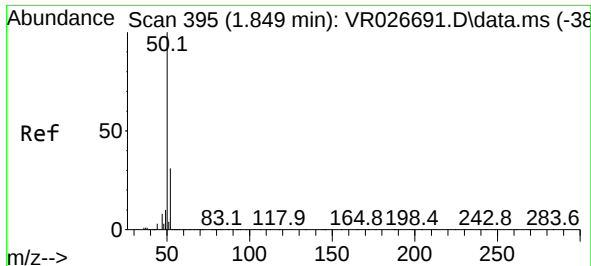
Tgt Ion:168 Resp: 609867
Ion Ratio Lower Upper
168 100
99 59.6 43.8 65.8



#2
Dichlorodifluoromethane
Concen: 45.745 ug/l
RT: 1.663 min Scan# 337
Delta R.T. -0.003 min
Lab File: VR026701.D
Acq: 4 Aug 2025 17:14

Tgt Ion: 85 Resp: 203329
Ion Ratio Lower Upper
85 100
87 28.9 15.2 45.5

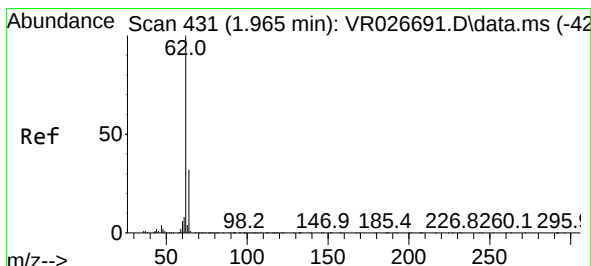
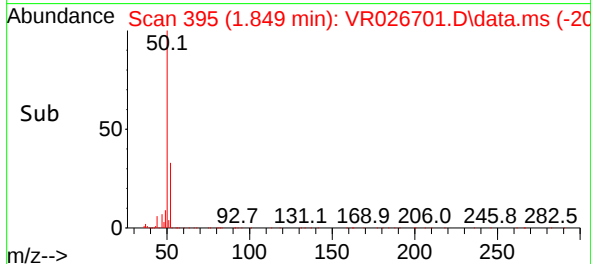
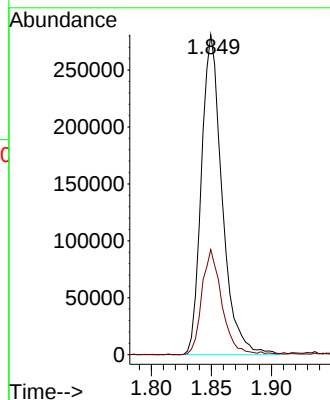
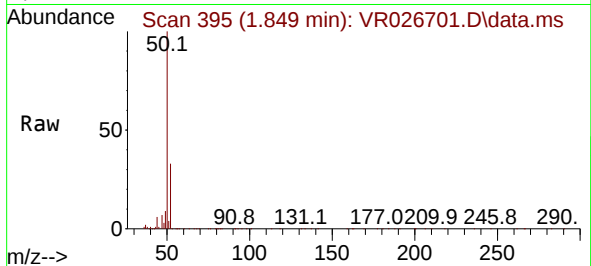




#3
Chloromethane
Concen: 51.148 ug/l
RT: 1.849 min Scan# 395
Delta R.T. 0.000 min
Lab File: VR026701.D
Acq: 4 Aug 2025 17:14

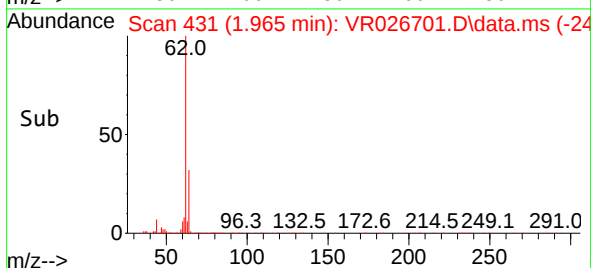
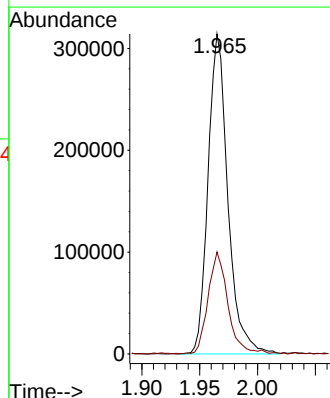
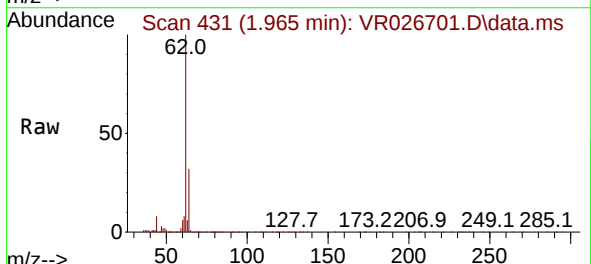
Instrument :
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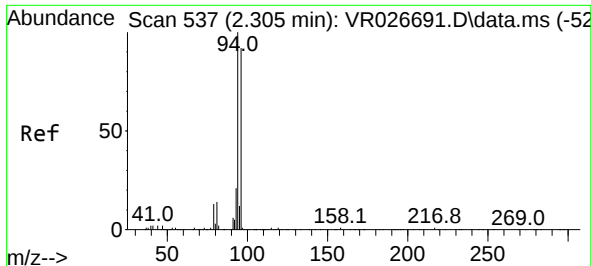
Tgt Ion: 50 Resp: 337937
Ion Ratio Lower Upper
50 100
52 32.8 25.0 37.4



#4
Vinyl Chloride
Concen: 55.304 ug/l
RT: 1.965 min Scan# 431
Delta R.T. 0.000 min
Lab File: VR026701.D
Acq: 4 Aug 2025 17:14

Tgt Ion: 62 Resp: 373397
Ion Ratio Lower Upper
62 100
64 31.8 25.9 38.9

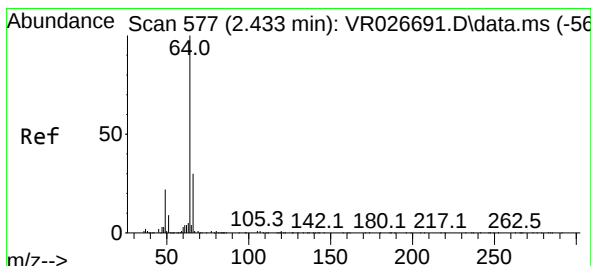
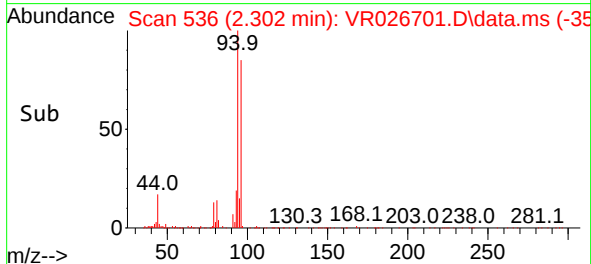
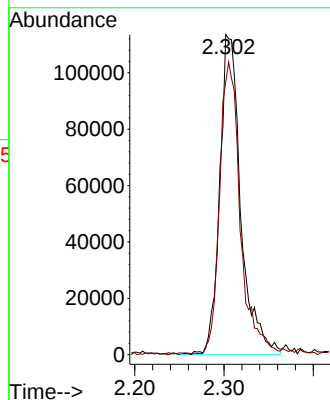
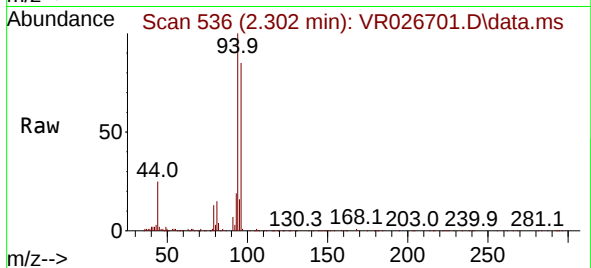




#5
Bromomethane
Concen: 56.785 ug/l
RT: 2.302 min Scan# 51
Delta R.T. -0.003 min
Lab File: VR026701.D
Acq: 4 Aug 2025 17:14

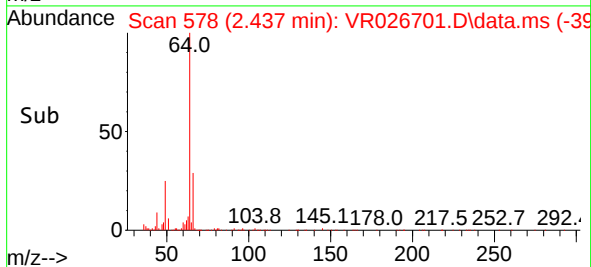
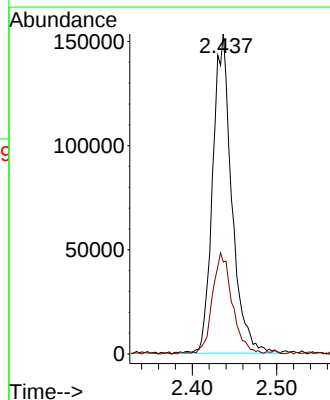
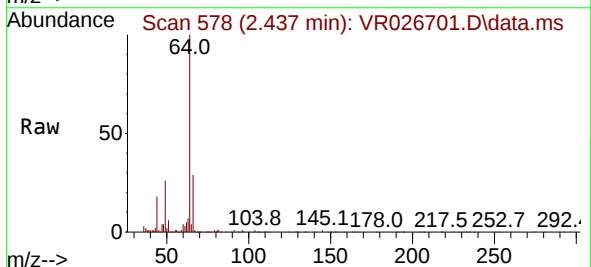
Instrument :
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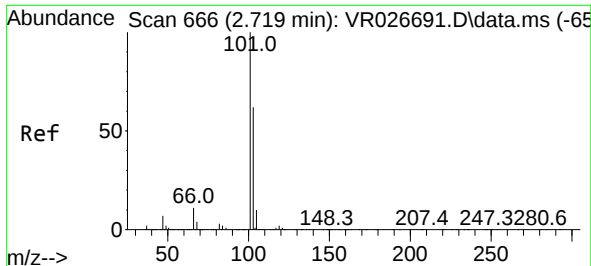
Tgt Ion: 94 Resp: 186820
Ion Ratio Lower Upper
94 100
96 84.7 73.3 109.9



#6
Chloroethane
Concen: 55.320 ug/l
RT: 2.437 min Scan# 578
Delta R.T. 0.003 min
Lab File: VR026701.D
Acq: 4 Aug 2025 17:14

Tgt Ion: 64 Resp: 240491
Ion Ratio Lower Upper
64 100
66 28.7 24.3 36.5

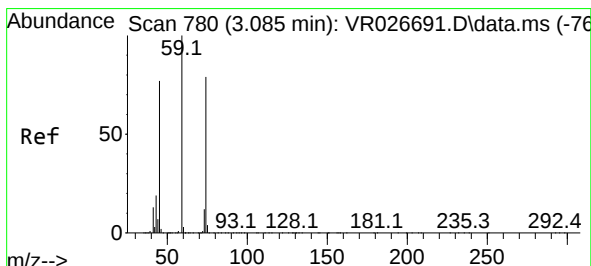
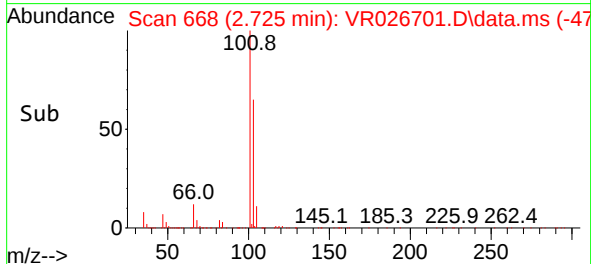
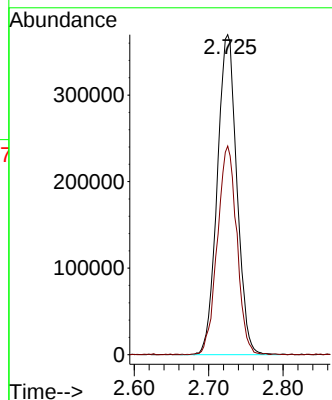
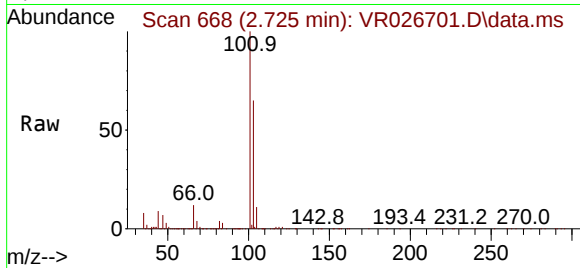




#7
 Trichlorofluoromethane
 Concen: 55.608 ug/l
 RT: 2.725 min Scan# 609
 Delta R.T. 0.007 min
 Lab File: VR026701.D
 Acq: 4 Aug 2025 17:14

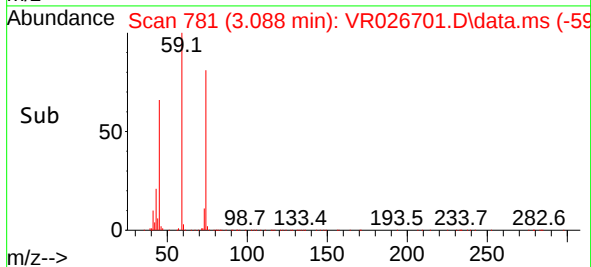
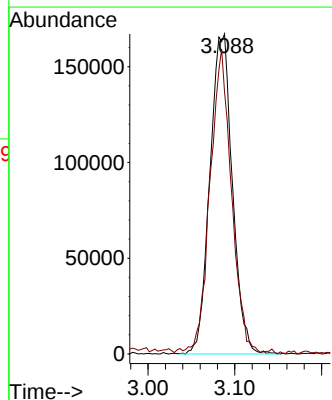
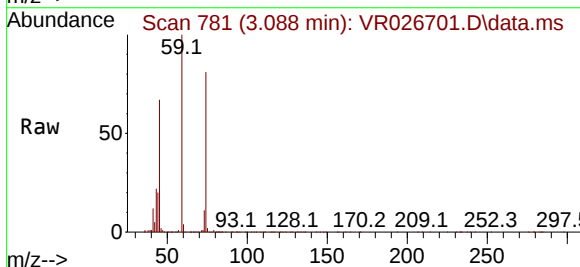
Instrument :
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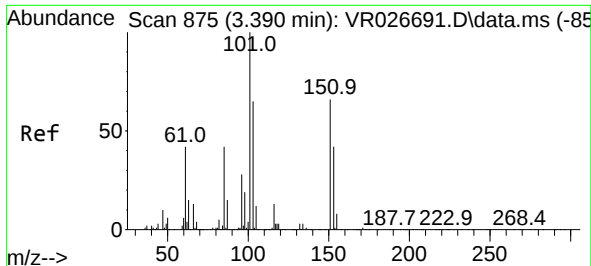
Tgt Ion:101 Resp: 676709
 Ion Ratio Lower Upper
 101 100
 103 65.1 49.4 74.2



#8
 Diethyl Ether
 Concen: 55.760 ug/l
 RT: 3.088 min Scan# 781
 Delta R.T. 0.003 min
 Lab File: VR026701.D
 Acq: 4 Aug 2025 17:14

Tgt Ion: 74 Resp: 301076
 Ion Ratio Lower Upper
 74 100
 45 89.0 47.1 141.3

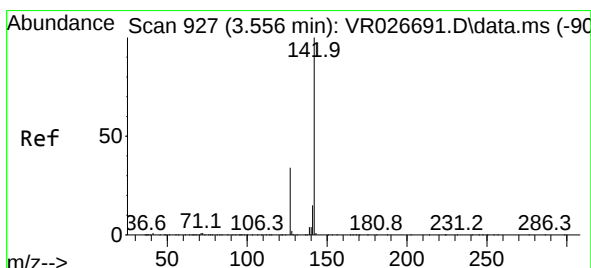
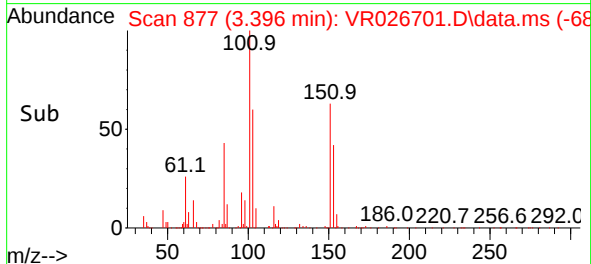
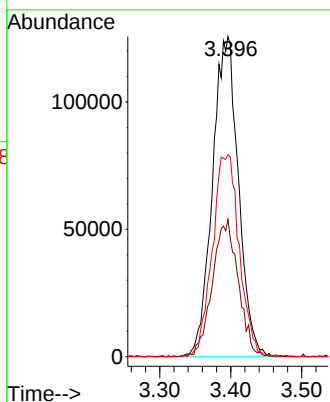
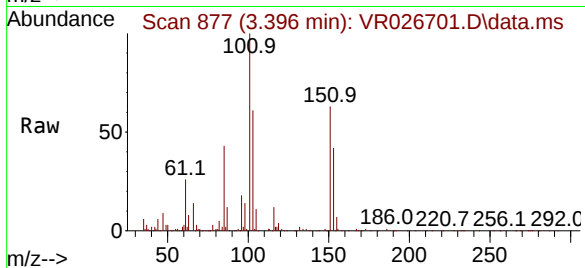




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.575 ug/l
RT: 3.396 min Scan# 81
Delta R.T. 0.007 min
Lab File: VR026701.D
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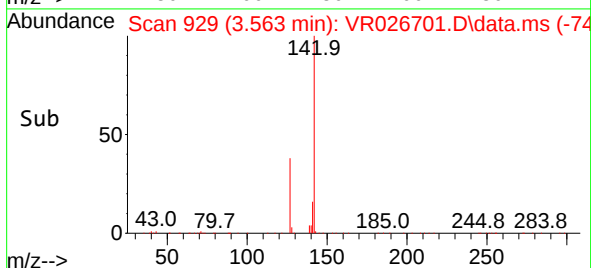
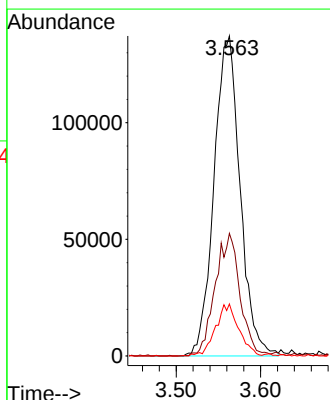
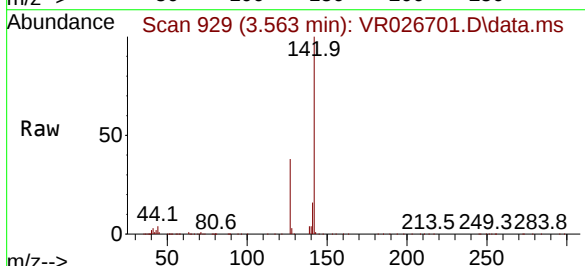
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

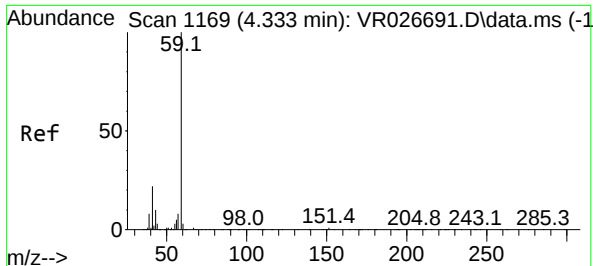
Tgt Ion:101 Resp: 318889
Ion Ratio Lower Upper
101 100
85 42.6 34.5 51.7
151 65.3 53.4 80.0



#10
Methyl Iodide
Concen: 46.310 ug/l
RT: 3.563 min Scan# 929
Delta R.T. 0.007 min
Lab File: VR026701.D
Acq: 4 Aug 2025 17:14

Tgt Ion:142 Resp: 293415
Ion Ratio Lower Upper
142 100
127 36.5 30.1 45.1
141 14.5 10.8 16.2

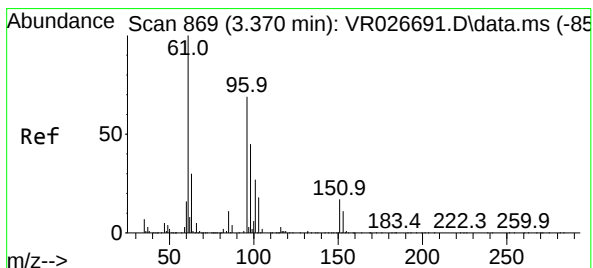
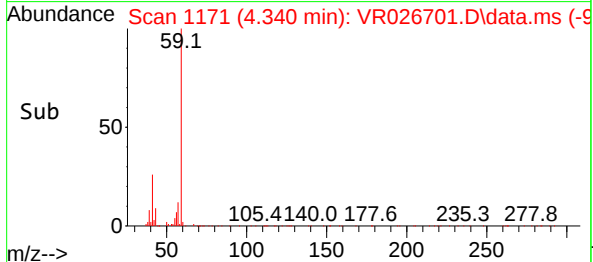
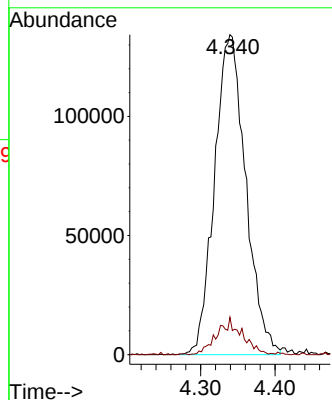
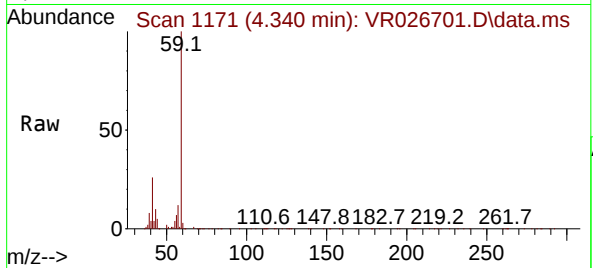




#11
Tert butyl alcohol
Concen: 323.584 ug/l
RT: 4.340 min Scan# 1169
Delta R.T. 0.007 min
Lab File: VR026701.D
Acq: 4 Aug 2025 17:14

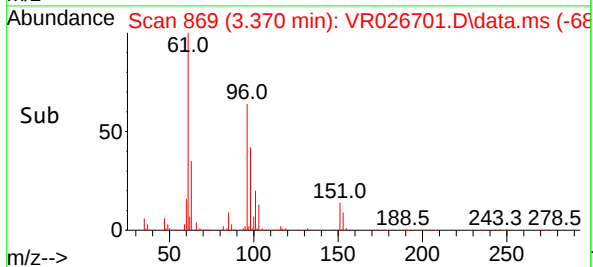
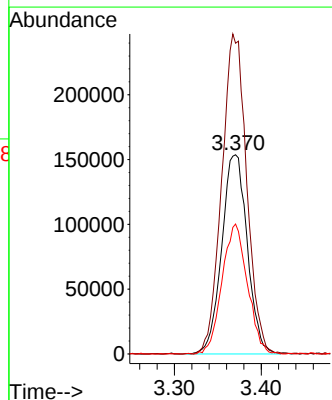
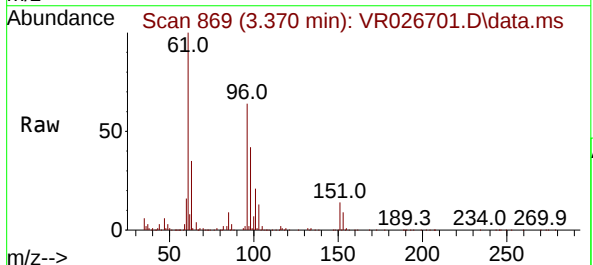
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

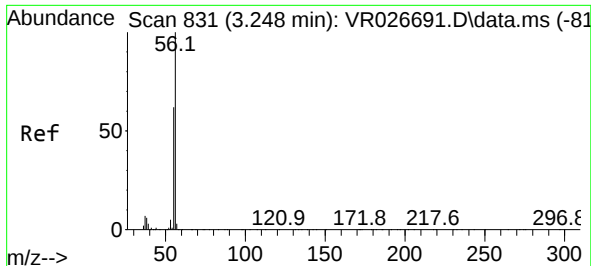
Tgt Ion: 59 Resp: 390786
Ion Ratio Lower Upper
59 100
57 4.3 7.7 11.5#



#12
1,1-Dichloroethene
Concen: 48.450 ug/l
RT: 3.370 min Scan# 869
Delta R.T. 0.000 min
Lab File: VR026701.D
Acq: 4 Aug 2025 17:14

Tgt Ion: 96 Resp: 314318
Ion Ratio Lower Upper
96 100
61 156.0 116.2 174.4
98 65.2 52.3 78.5

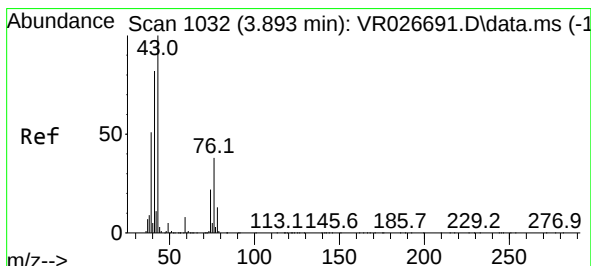
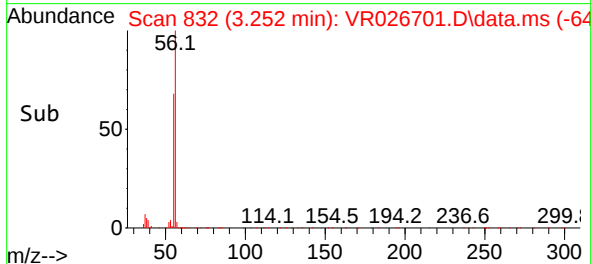
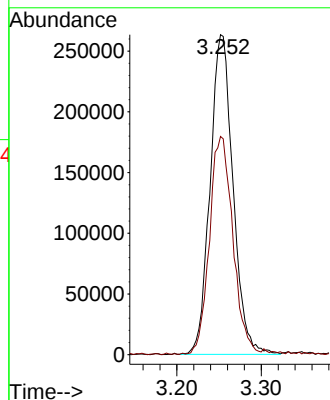
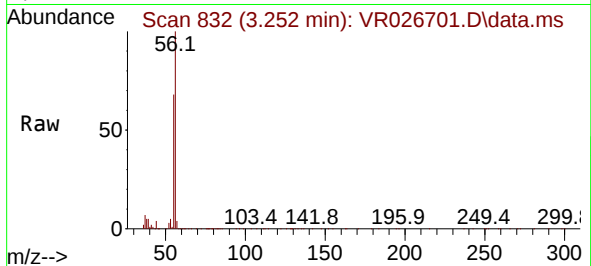




#13
Acrolein
Concen: 281.582 ug/l
RT: 3.252 min Scan# 831
Delta R.T. 0.003 min
Lab File: VR026701.D
Acq: 4 Aug 2025 17:14

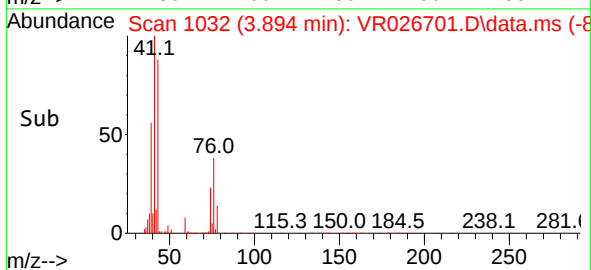
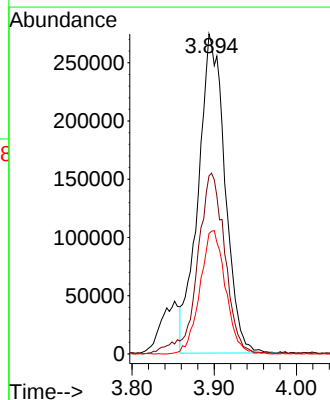
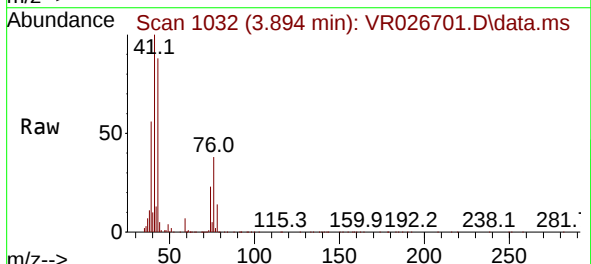
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

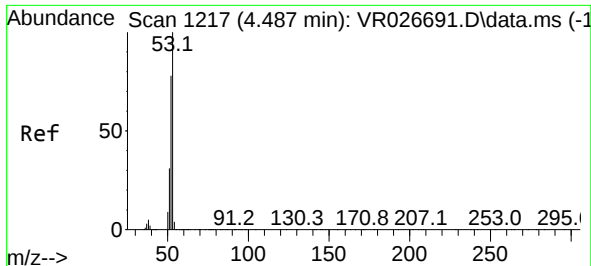
Tgt Ion: 56 Resp: 497099
Ion Ratio Lower Upper
56 100
55 69.3 53.8 80.8



#14
Allyl chloride
Concen: 48.681 ug/l
RT: 3.894 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VR026701.D
Acq: 4 Aug 2025 17:14

Tgt Ion: 41 Resp: 621323
Ion Ratio Lower Upper
41 100
39 58.2 44.2 66.2
76 36.9 31.0 46.4

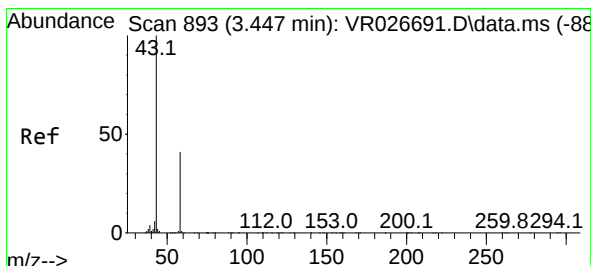
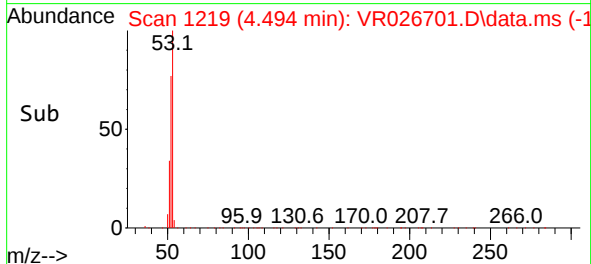
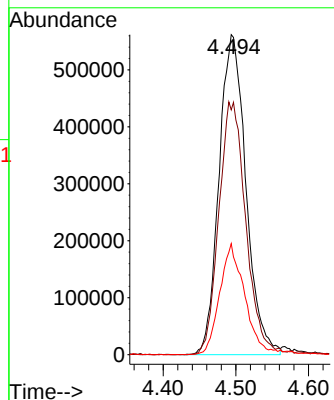
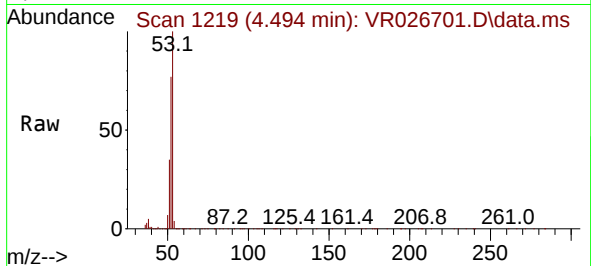




#15
Acrylonitrile
Concen: 301.601 ug/l
RT: 4.494 min Scan# 1219
Delta R.T. 0.007 min
Lab File: VR026701.D
Acq: 4 Aug 2025 17:14

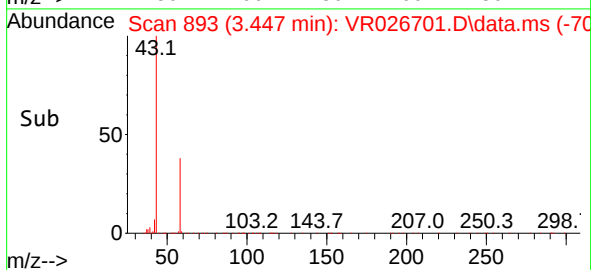
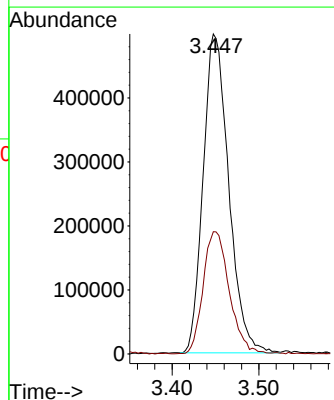
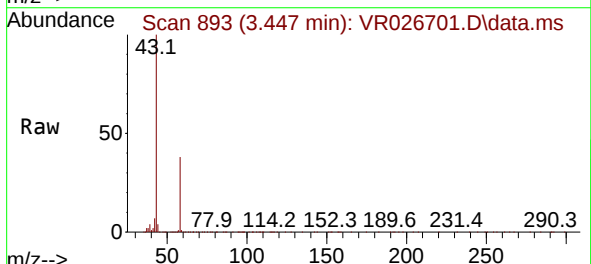
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

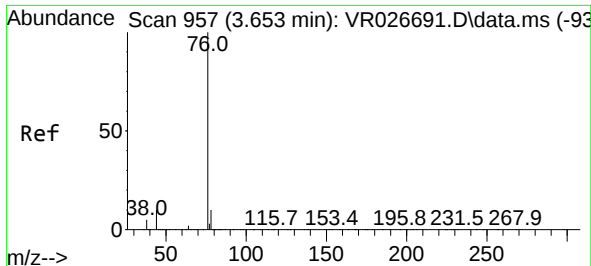
Tgt Ion: 53 Resp: 1445860
Ion Ratio Lower Upper
53 100
52 79.1 61.4 92.2
51 32.4 25.8 38.6



#16
Acetone
Concen: 281.852 ug/l
RT: 3.447 min Scan# 893
Delta R.T. 0.000 min
Lab File: VR026701.D
Acq: 4 Aug 2025 17:14

Tgt Ion: 43 Resp: 1021091
Ion Ratio Lower Upper
43 100
58 38.2 32.9 49.3

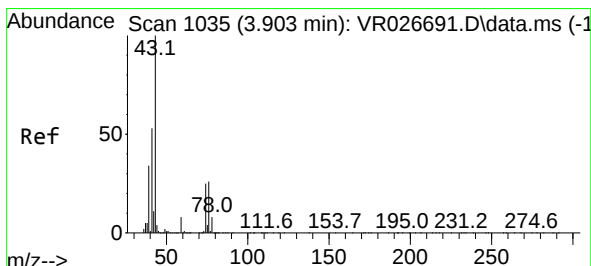
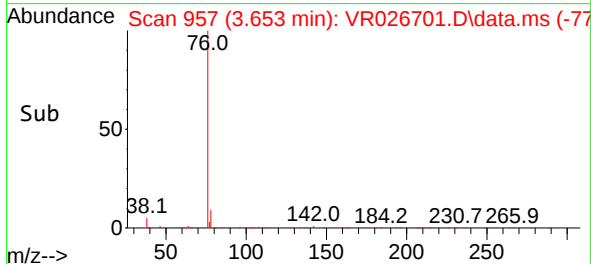
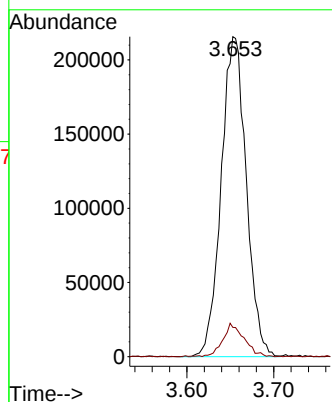
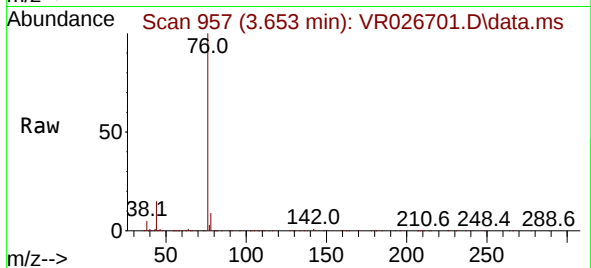




#17
Carbon Disulfide
Concen: 45.068 ug/l
RT: 3.653 min Scan# 91
Delta R.T. 0.000 min
Lab File: VR026701.D
Acq: 4 Aug 2025 17:14

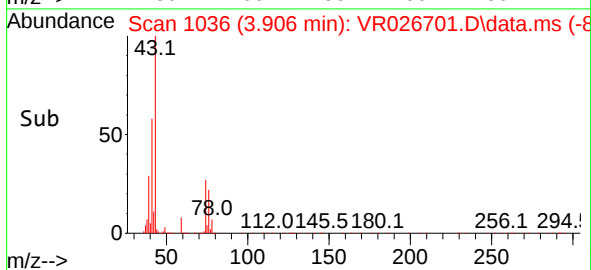
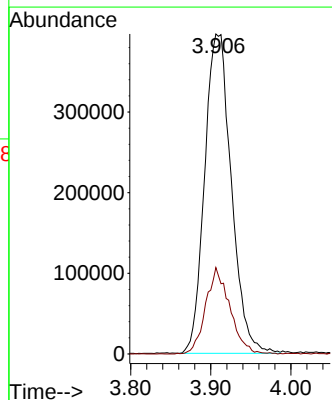
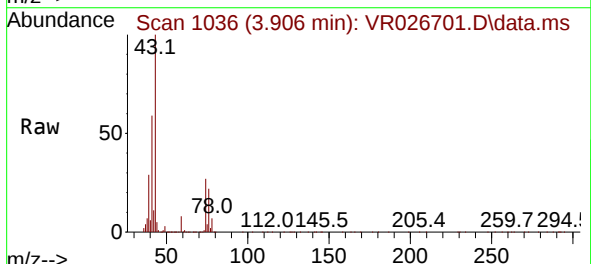
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

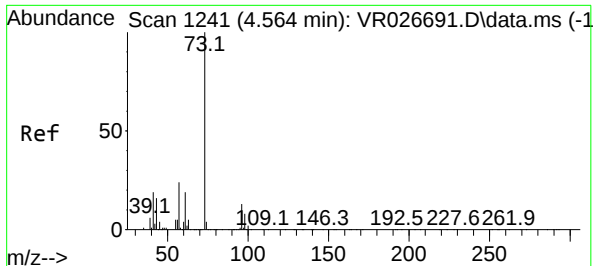
Tgt Ion: 76 Resp: 432795
Ion Ratio Lower Upper
76 100
78 9.1 7.8 11.6



#18
Methyl Acetate
Concen: 60.782 ug/l
RT: 3.906 min Scan# 1036
Delta R.T. 0.003 min
Lab File: VR026701.D
Acq: 4 Aug 2025 17:14

Tgt Ion: 43 Resp: 919055
Ion Ratio Lower Upper
43 100
74 24.4 19.4 29.0

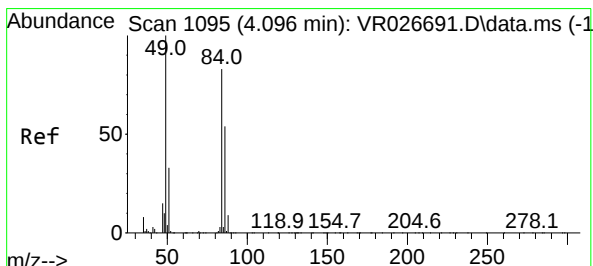
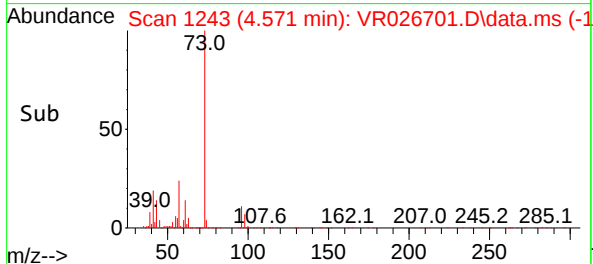
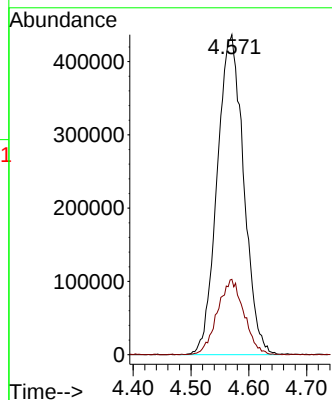
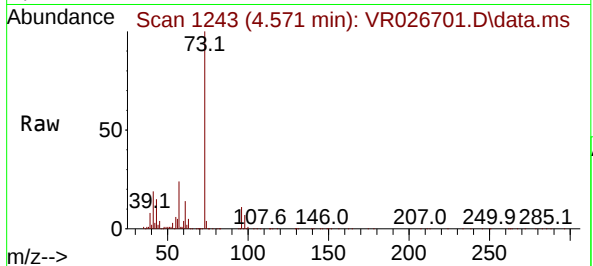




#19
Methyl tert-butyl Ether
Concen: 53.497 ug/l
RT: 4.571 min Scan# 11
Delta R.T. 0.007 min
Lab File: VR026701.D
Acq: 4 Aug 2025 17:14

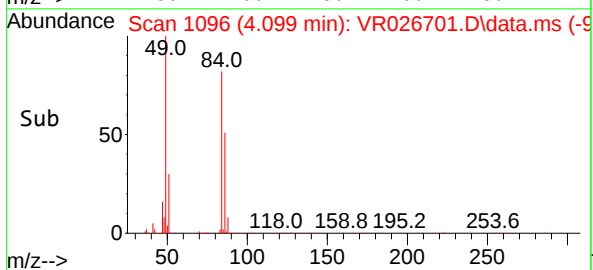
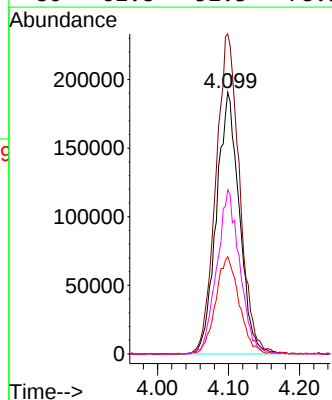
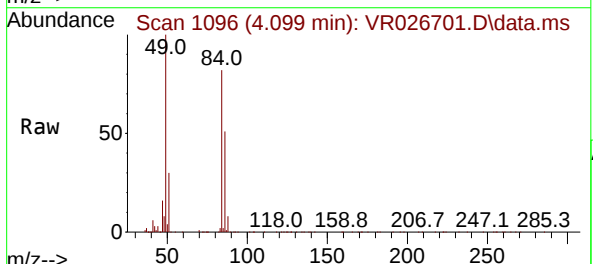
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

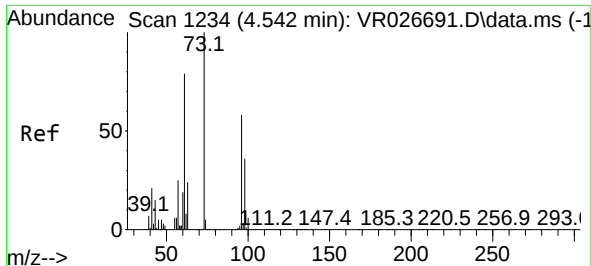
Tgt Ion: 73 Resp: 1388912
Ion Ratio Lower Upper
73 100
57 23.5 19.4 29.0



#20
Methylene Chloride
Concen: 49.636 ug/l
RT: 4.099 min Scan# 1096
Delta R.T. 0.003 min
Lab File: VR026701.D
Acq: 4 Aug 2025 17:14

Tgt Ion: 84 Resp: 426741
Ion Ratio Lower Upper
84 100
49 122.4 96.2 144.4
51 37.1 31.8 47.6
86 62.8 52.3 78.5

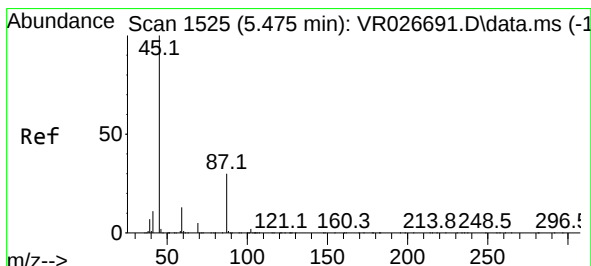
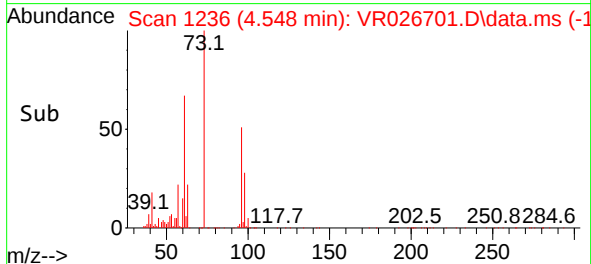
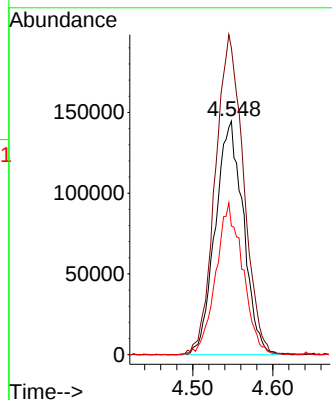
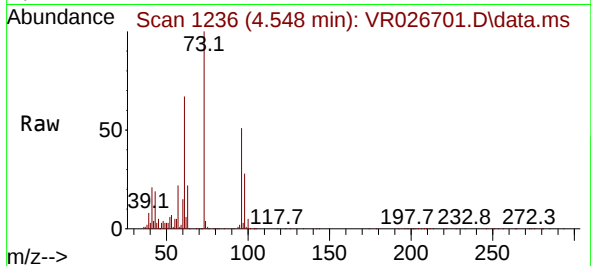




#21
trans-1,2-Dichloroethene
Concen: 49.280 ug/l
RT: 4.548 min Scan# 1234
Delta R.T. 0.007 min
Lab File: VR026701.D
Acq: 4 Aug 2025 17:14

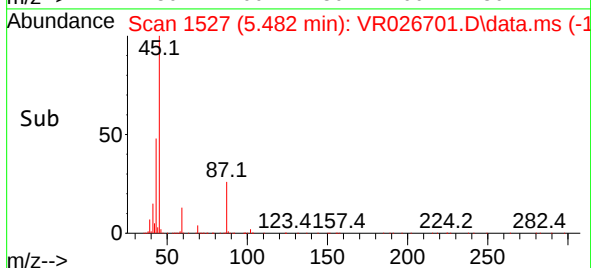
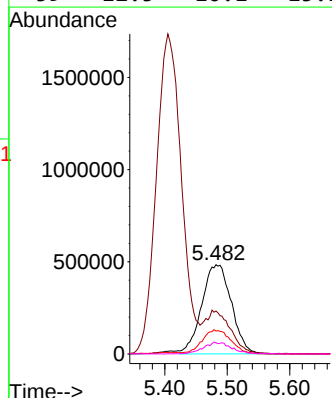
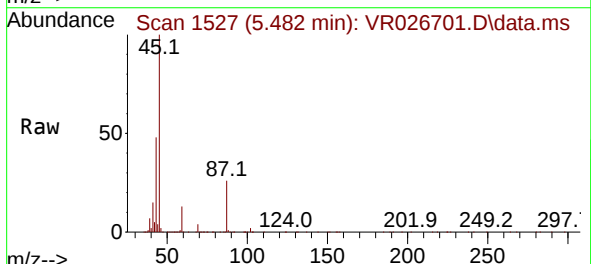
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

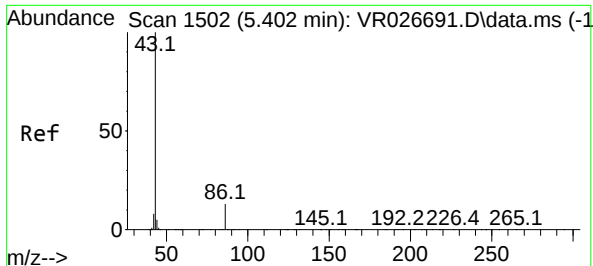
Tgt Ion: 96 Resp: 351452
Ion Ratio Lower Upper
96 100
61 131.1 110.3 165.5
98 54.9 50.2 75.4



#22
Diisopropyl ether
Concen: 53.305 ug/l
RT: 5.482 min Scan# 1527
Delta R.T. 0.007 min
Lab File: VR026701.D
Acq: 4 Aug 2025 17:14

Tgt Ion: 45 Resp: 1594258
Ion Ratio Lower Upper
45 100
43 47.6 38.2 57.2
87 25.6 24.0 36.0
59 12.5 10.1 15.1





#23

Vinyl Acetate

Concen: 283.689 ug/l

RT: 5.405 min Scan# 1

Delta R.T. 0.003 min

Lab File: VR026701.D

Acq: 4 Aug 2025 17:14

Instrument :

MSVOA_R

ClientSampleId :

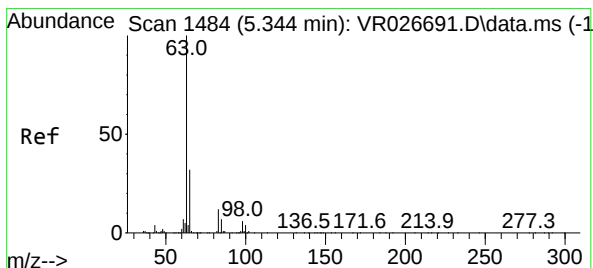
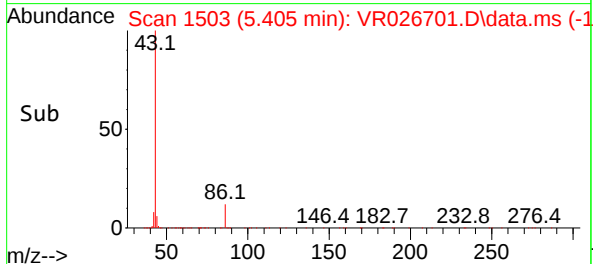
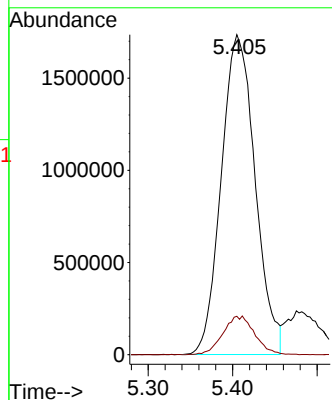
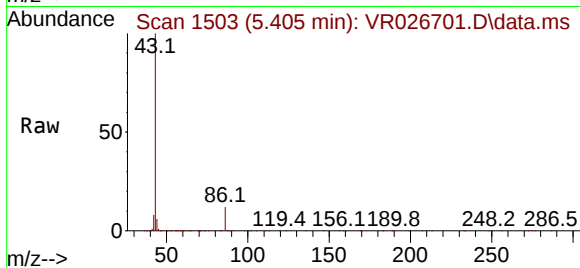
VSTDCCC050EC

Tgt Ion: 43 Resp: 4837751

Ion Ratio Lower Upper

43 100

86 12.0 10.7 16.1



#24

1,1-Dichloroethane

Concen: 51.097 ug/l

RT: 5.350 min Scan# 1486

Delta R.T. 0.007 min

Lab File: VR026701.D

Acq: 4 Aug 2025 17:14

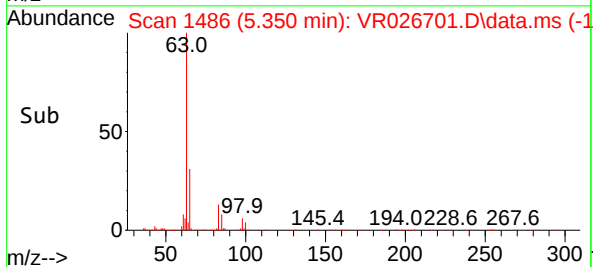
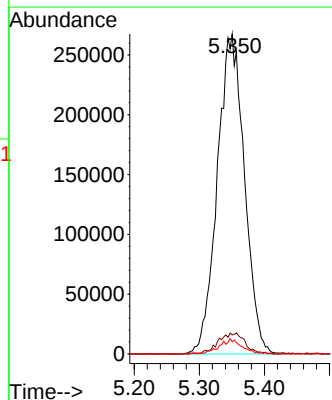
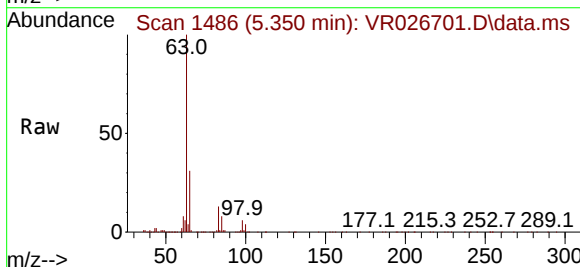
Tgt Ion: 63 Resp: 773916

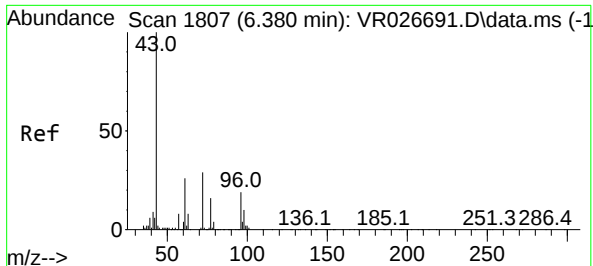
Ion Ratio Lower Upper

63 100

98 6.0 2.9 8.8

100 3.8 1.8 5.4





#25

2-Butanone

Concen: 309.423 ug/l

RT: 6.390 min Scan# 1810

Delta R.T. 0.010 min

Lab File: VR026701.D

Acq: 4 Aug 2025 17:14

Instrument :

MSVOA_R

ClientSampleId :

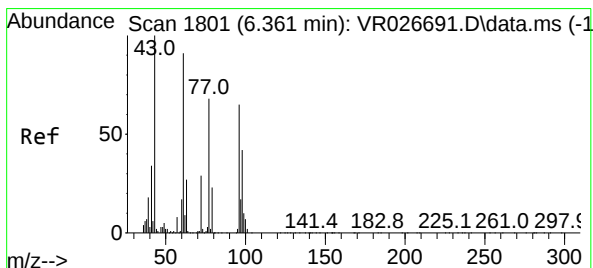
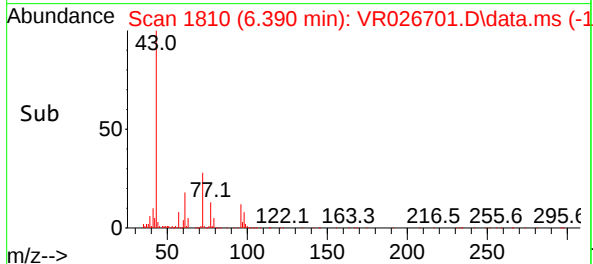
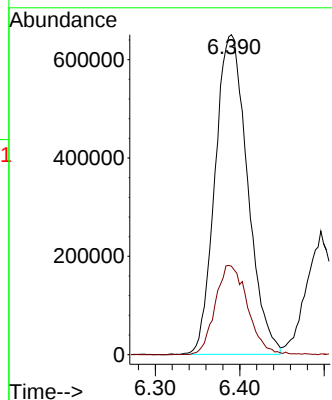
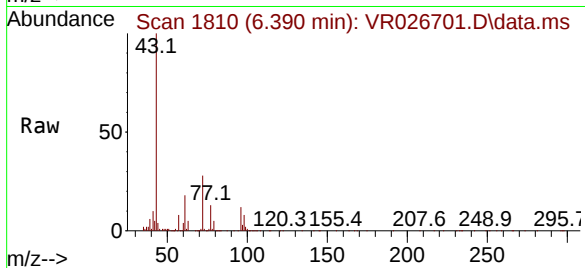
VSTDCCC050EC

Tgt Ion: 43 Resp: 1735035

Ion Ratio Lower Upper

43 100

72 27.7 23.1 34.7



#26

2,2-Dichloropropane

Concen: 48.638 ug/l

RT: 6.368 min Scan# 1803

Delta R.T. 0.007 min

Lab File: VR026701.D

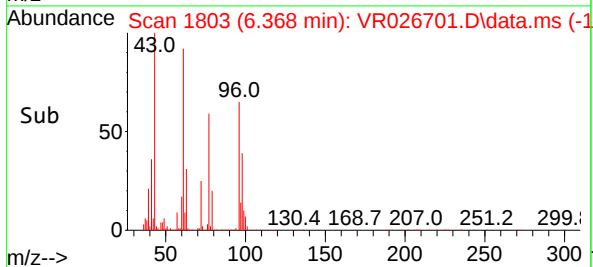
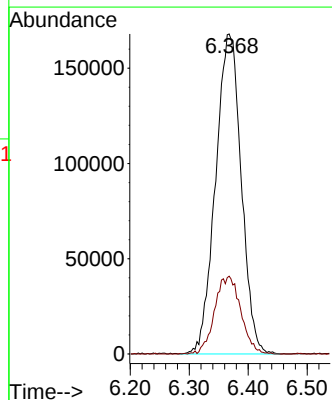
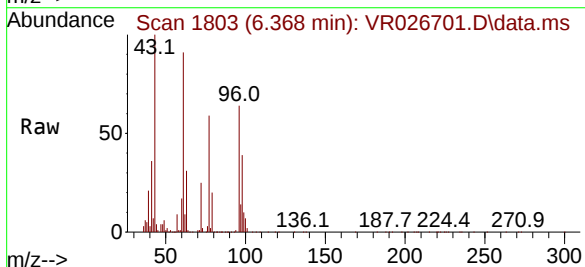
Acq: 4 Aug 2025 17:14

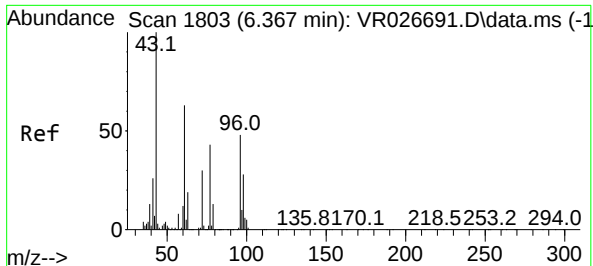
Tgt Ion: 77 Resp: 509266

Ion Ratio Lower Upper

77 100

97 11.0 12.3 36.8#



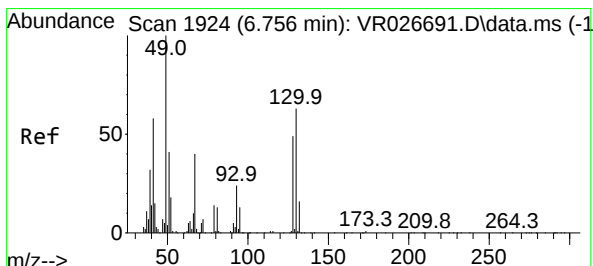
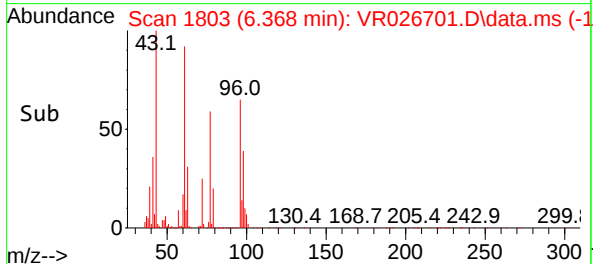
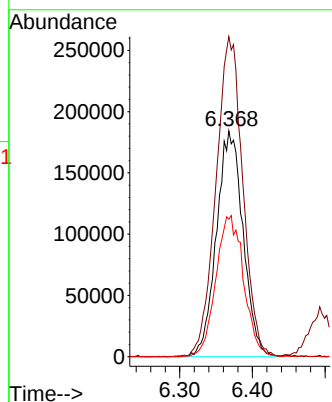
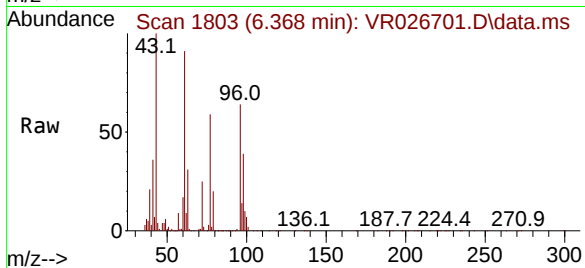


#27
 cis-1,2-Dichloroethene
 Concen: 50.970 ug/l
 RT: 6.368 min Scan# 1803
 Delta R.T. 0.000 min
 Lab File: VR026701.D
 Acq: 4 Aug 2025 17:14

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 467661

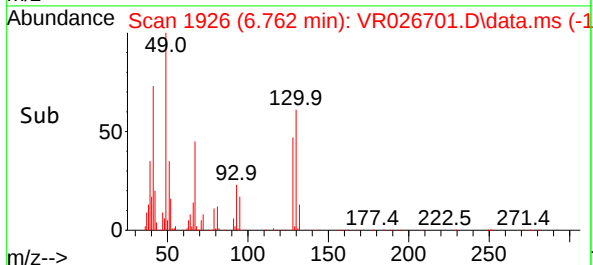
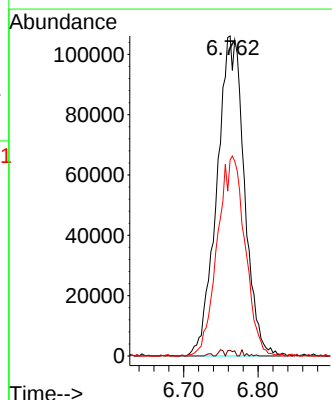
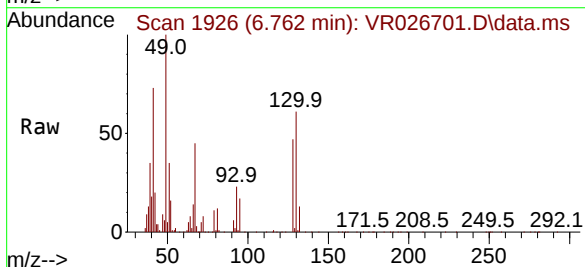
Ion	Ratio	Lower	Upper
96	100		
61	143.3	0.0	279.8
98	65.2	0.0	125.2

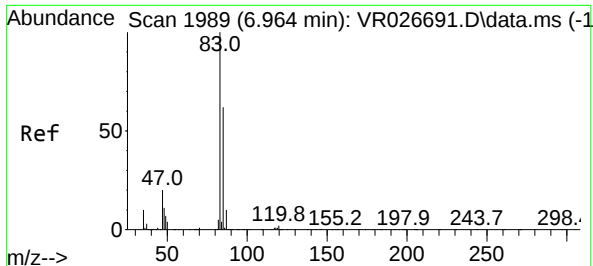


#28
 Bromochloromethane
 Concen: 49.897 ug/l
 RT: 6.762 min Scan# 1926
 Delta R.T. 0.007 min
 Lab File: VR026701.D
 Acq: 4 Aug 2025 17:14

Tgt Ion: 49 Resp: 272328

Ion	Ratio	Lower	Upper
49	100		
129	0.5	0.0	3.4
130	62.8	52.2	78.4





#29

Chloroform

Concen: 51.697 ug/l

RT: 6.964 min Scan# 1989

Delta R.T. 0.000 min

Lab File: VR026701.D

Acq: 4 Aug 2025 17:14

Instrument :

MSVOA_R

ClientSampleId :

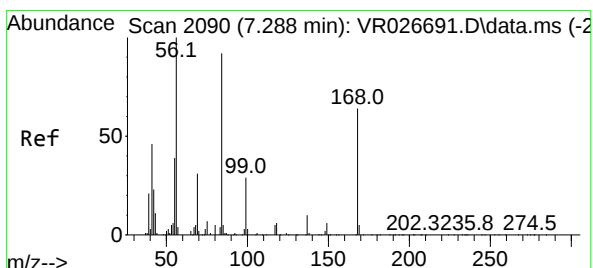
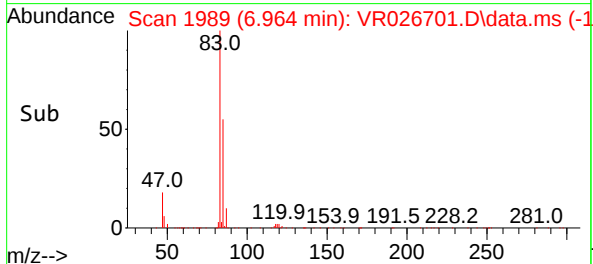
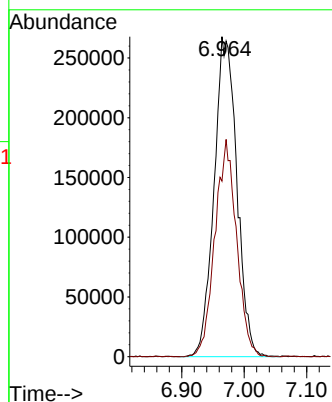
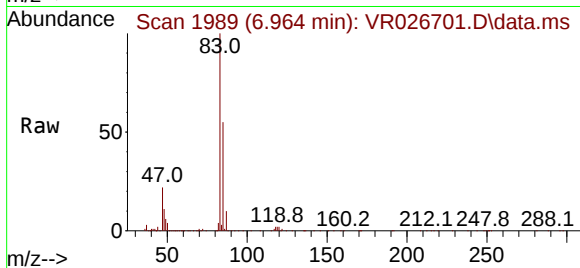
VSTDCCC050EC

Tgt Ion: 83 Resp: 678258

Ion Ratio Lower Upper

83 100

85 54.9 49.6 74.4



#30

Cyclohexane

Concen: 22.989 ug/l

RT: 7.285 min Scan# 2089

Delta R.T. -0.003 min

Lab File: VR026701.D

Acq: 4 Aug 2025 17:14

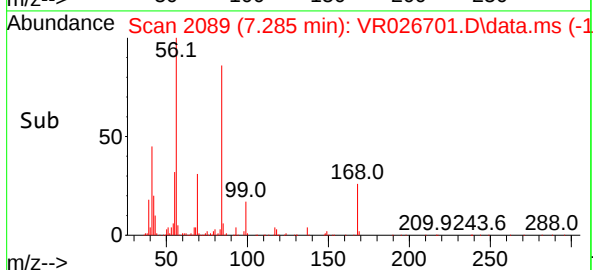
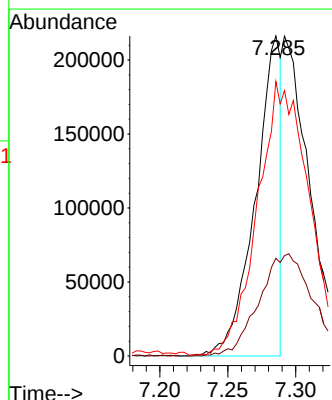
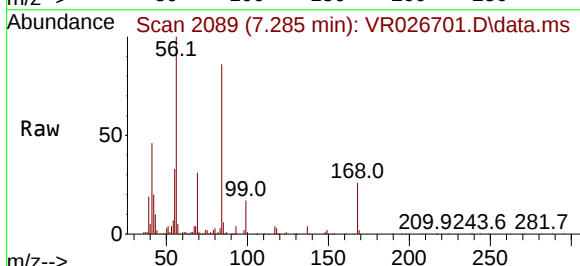
Tgt Ion: 56 Resp: 281189

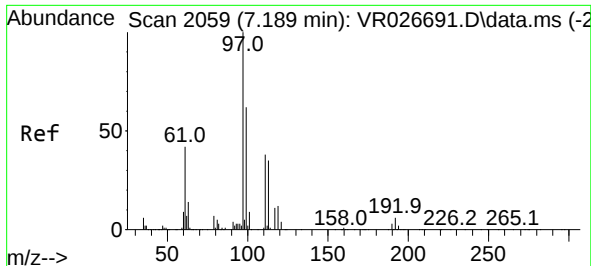
Ion Ratio Lower Upper

56 100

69 30.5 24.8 37.2

84 84.6 73.1 109.7



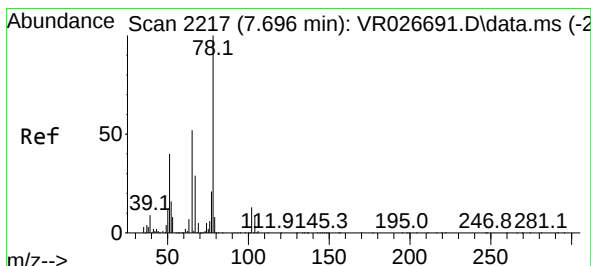
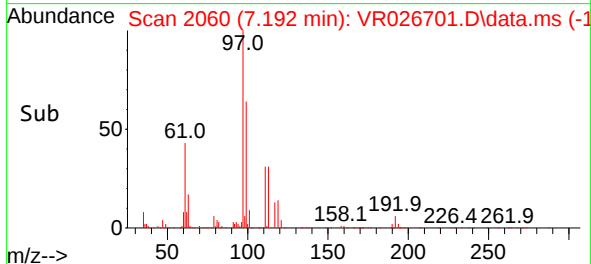
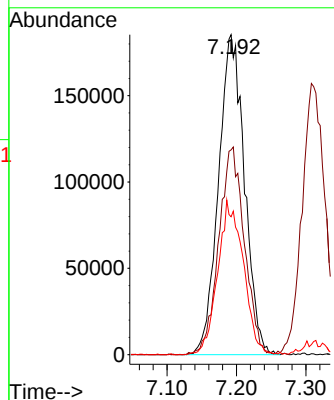
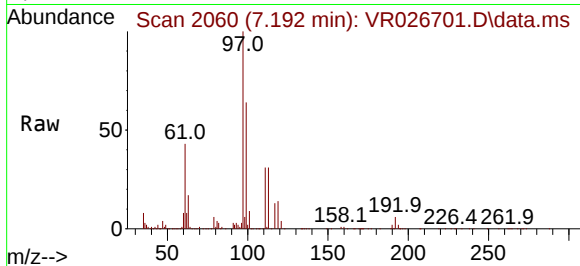


#31
 1,1,1-Trichloroethane
 Concen: 50.858 ug/l
 RT: 7.192 min Scan# 2059
 Delta R.T. 0.003 min
 Lab File: VR026701.D
 Acq: 4 Aug 2025 17:14

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 97 Resp: 482002

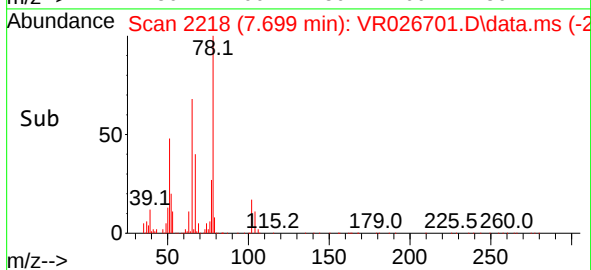
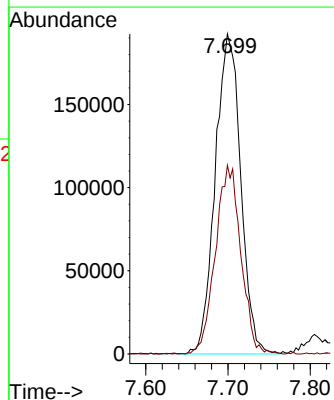
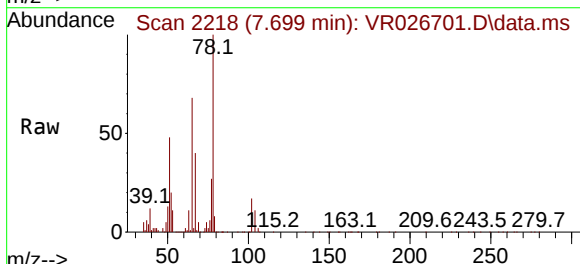
Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.0	76.6
61	47.4	36.3	54.5

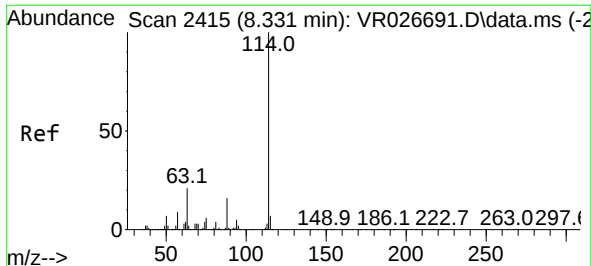


#32
 1,2-Dichloroethane-d4
 Concen: 53.686 ug/l
 RT: 7.699 min Scan# 2218
 Delta R.T. 0.003 min
 Lab File: VR026701.D
 Acq: 4 Aug 2025 17:14

Tgt Ion: 65 Resp: 414398

Ion	Ratio	Lower	Upper
65	100		
67	58.8	0.0	118.4





#33

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.338 min Scan# 2415

Delta R.T. 0.007 min

Lab File: VR026701.D

Acq: 4 Aug 2025 17:14

Instrument :

MSVOA_R

ClientSampleId :

VSTDCCC050EC

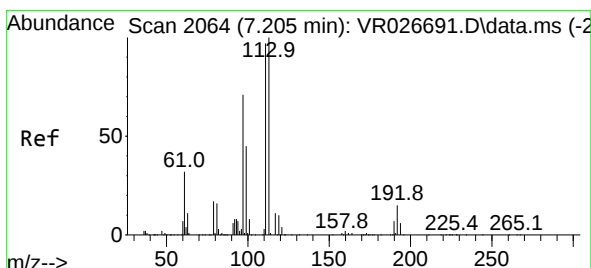
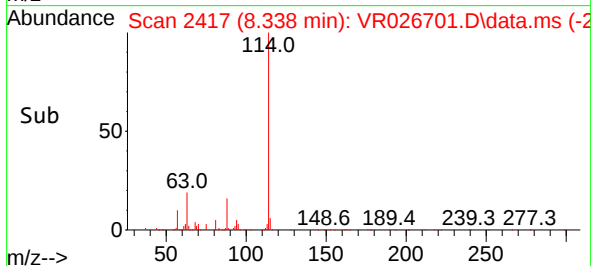
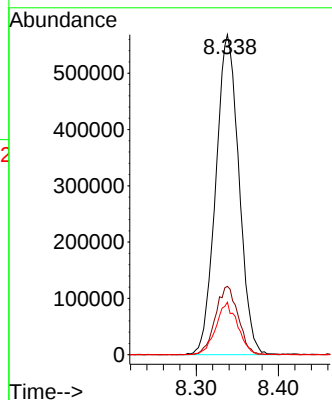
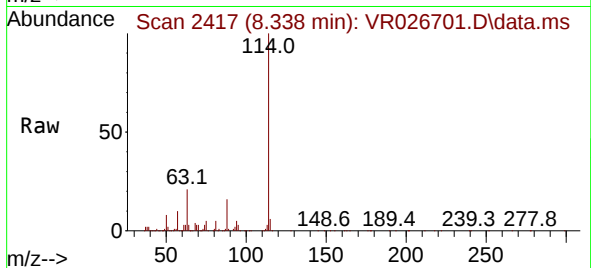
Tgt Ion:114 Resp: 1113569

Ion Ratio Lower Upper

114 100

63 21.3 0.0 41.6

88 16.4 0.0 32.6



#34

Dibromofluoromethane

Concen: 50.628 ug/l

RT: 7.212 min Scan# 2066

Delta R.T. 0.007 min

Lab File: VR026701.D

Acq: 4 Aug 2025 17:14

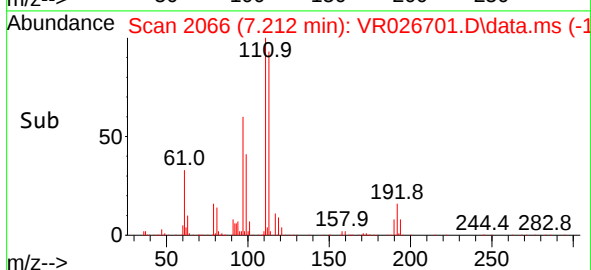
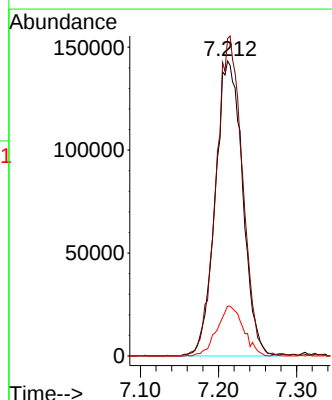
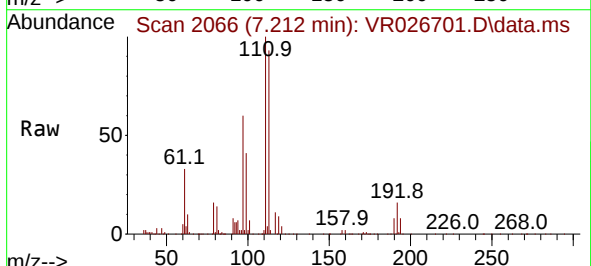
Tgt Ion:113 Resp: 348698

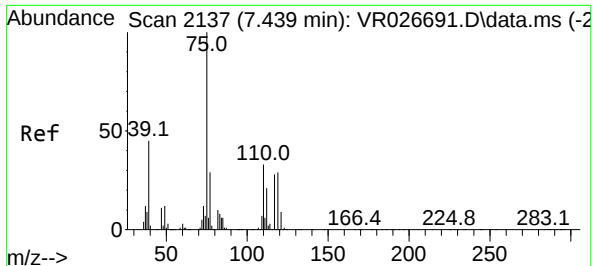
Ion Ratio Lower Upper

113 100

111 104.6 81.7 122.5

192 16.3 12.3 18.5





#35

1,1-Dichloropropene

Concen: 50.172 ug/l

RT: 7.443 min Scan# 2137

Delta R.T. 0.003 min

Lab File: VR026701.D

Acq: 4 Aug 2025 17:14

Instrument :

MSVOA_R

ClientSampleId :

VSTDCCC050EC

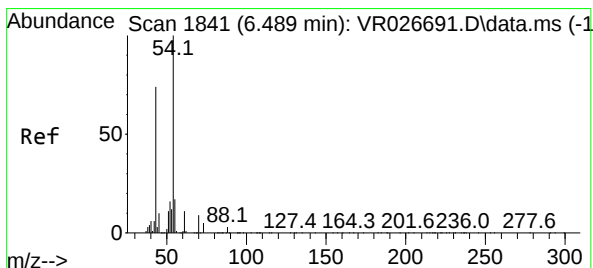
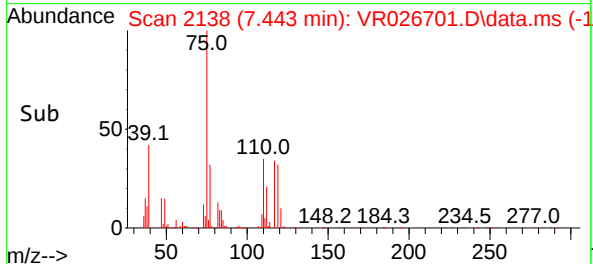
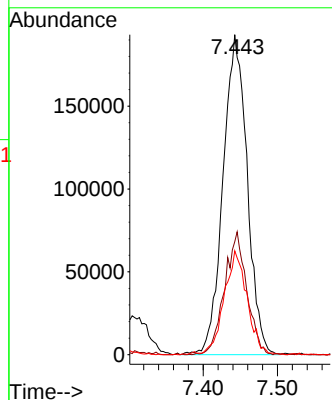
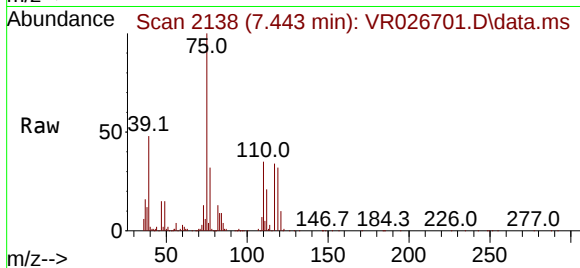
Tgt Ion: 75 Resp: 435939

Ion Ratio Lower Upper

75 100

110 35.4 17.0 50.9

77 30.6 24.6 37.0



#36

Ethyl Acetate

Concen: 58.255 ug/l

RT: 6.496 min Scan# 1843

Delta R.T. 0.007 min

Lab File: VR026701.D

Acq: 4 Aug 2025 17:14

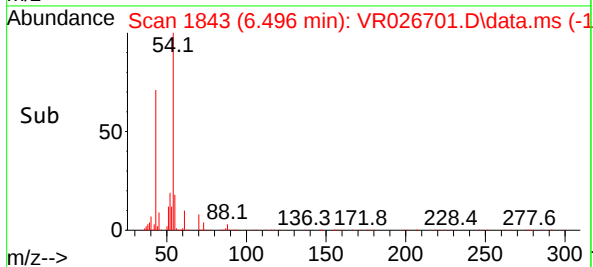
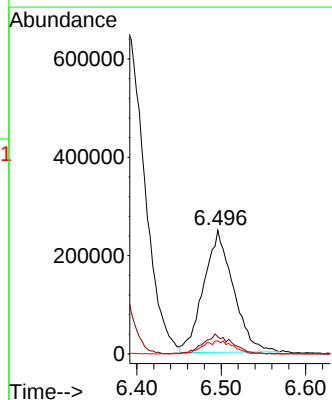
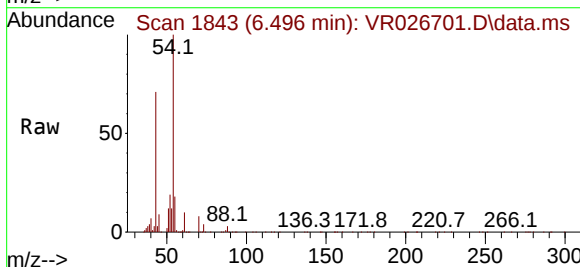
Tgt Ion: 43 Resp: 605974

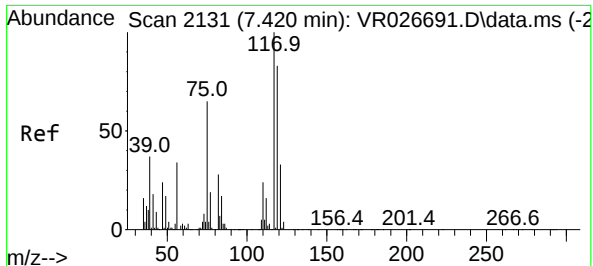
Ion Ratio Lower Upper

43 100

61 15.6 12.0 18.0

70 11.3 9.0 13.6

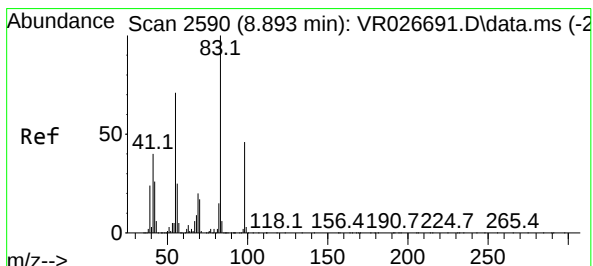
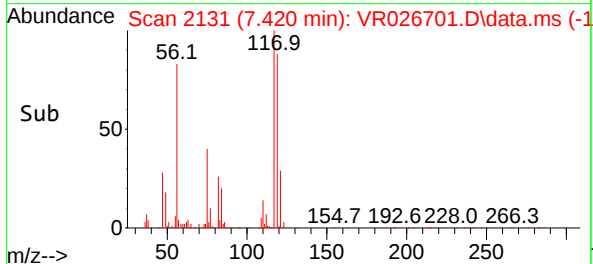
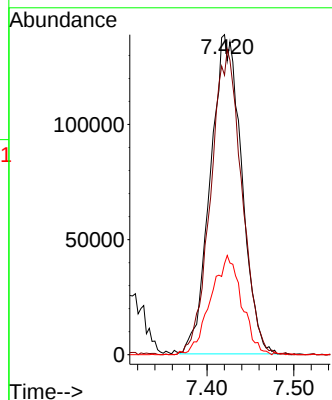
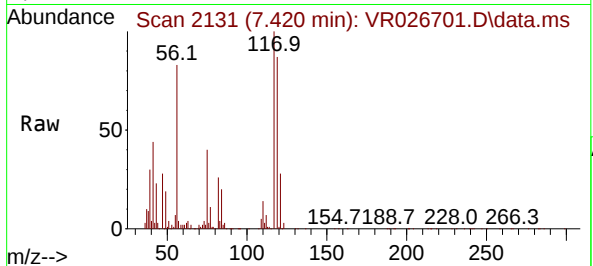




#37
Carbon Tetrachloride
Concen: 49.085 ug/l
RT: 7.420 min Scan# 2131
Delta R.T. 0.000 min
Lab File: VR026701.D
Acq: 4 Aug 2025 17:14

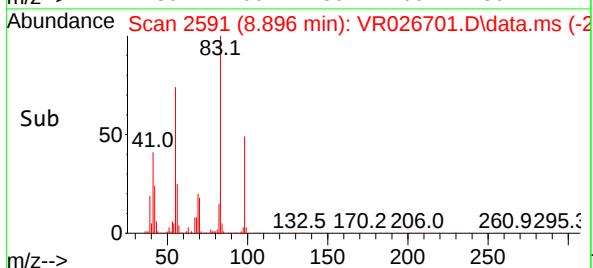
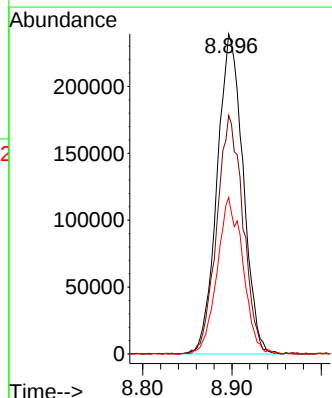
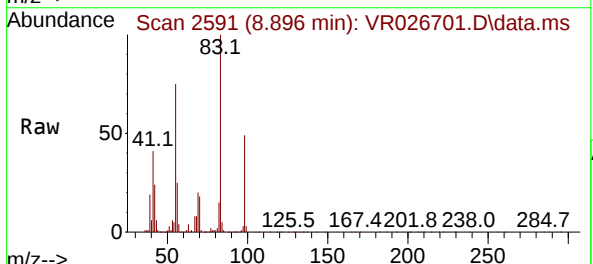
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

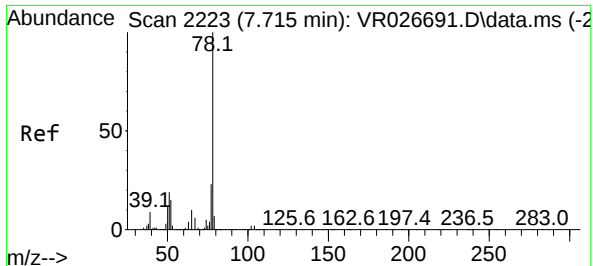
Tgt Ion:117 Resp: 347349
Ion Ratio Lower Upper
117 100
119 87.2 67.0 100.4
121 28.4 26.3 39.5



#38
Methylcyclohexane
Concen: 48.595 ug/l
RT: 8.896 min Scan# 2591
Delta R.T. 0.003 min
Lab File: VR026701.D
Acq: 4 Aug 2025 17:14

Tgt Ion: 83 Resp: 483321
Ion Ratio Lower Upper
83 100
55 74.4 56.7 85.1
98 48.8 36.7 55.1

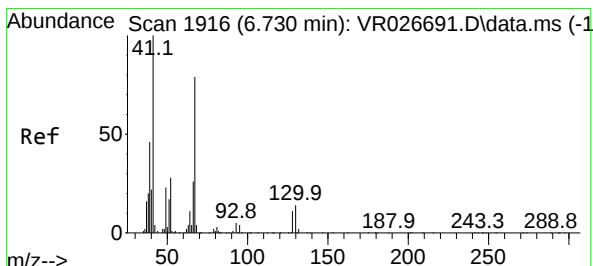
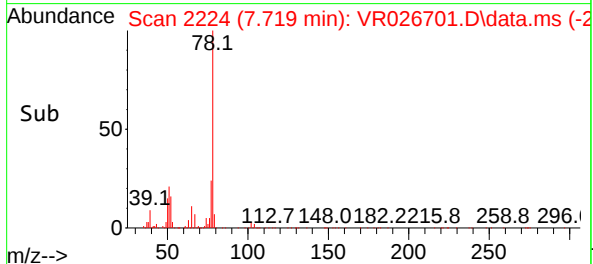
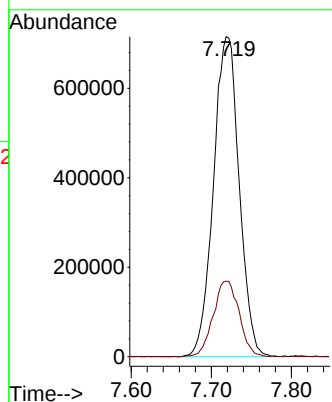
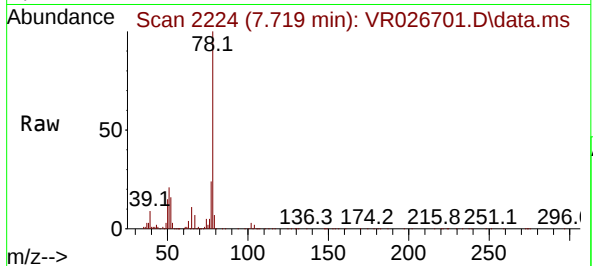




#39
Benzene
Concen: 50.937 ug/l
RT: 7.719 min Scan# 21
Delta R.T. 0.003 min
Lab File: VR026701.D
Acq: 4 Aug 2025 17:14

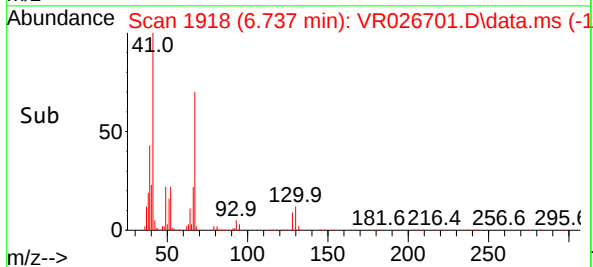
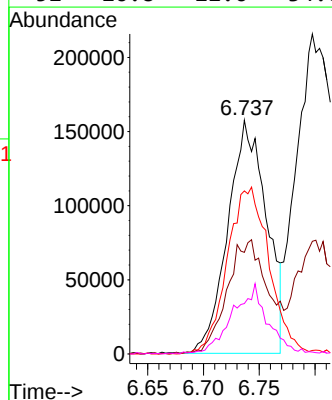
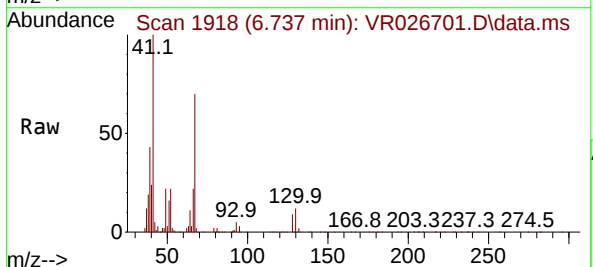
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

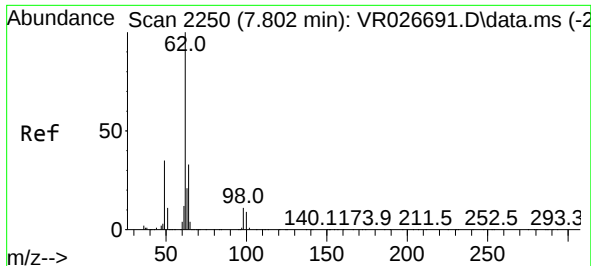
Tgt Ion: 78 Resp: 1593820
Ion Ratio Lower Upper
78 100
77 23.6 18.8 28.2



#40
Methacrylonitrile
Concen: 58.487 ug/l
RT: 6.737 min Scan# 1918
Delta R.T. 0.007 min
Lab File: VR026701.D
Acq: 4 Aug 2025 17:14

Tgt Ion: 41 Resp: 378088
Ion Ratio Lower Upper
41 100
39 51.5 42.4 63.6
67 77.5 65.6 98.4
52 26.8 22.6 34.0

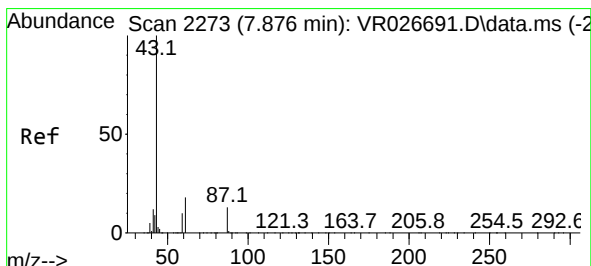
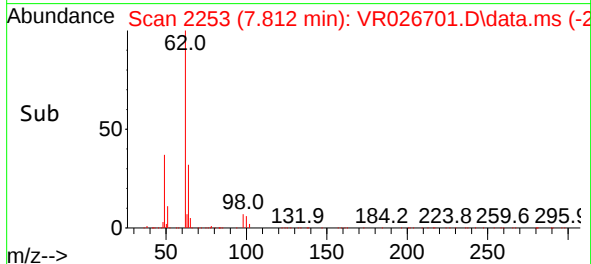
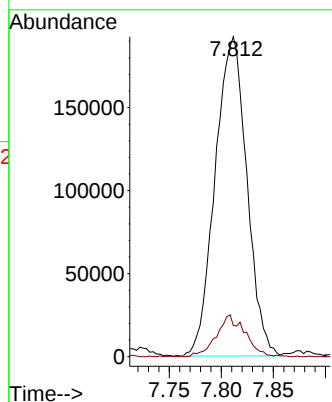
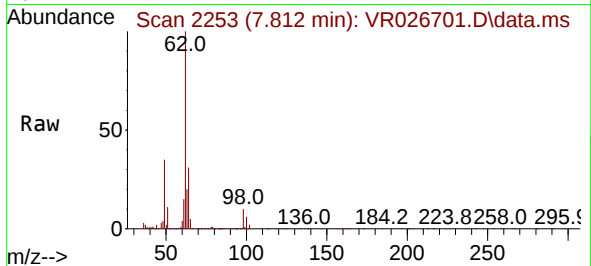




#41
1,2-Dichloroethane
Concen: 51.076 ug/l
RT: 7.812 min Scan# 21
Delta R.T. 0.010 min
Lab File: VR026701.D
Acq: 4 Aug 2025 17:14

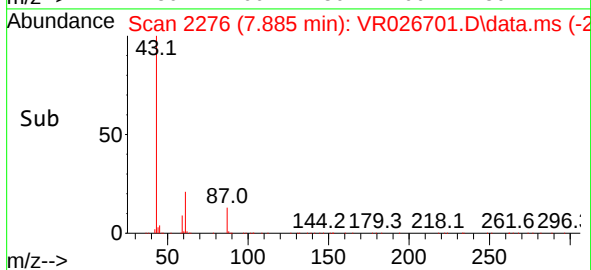
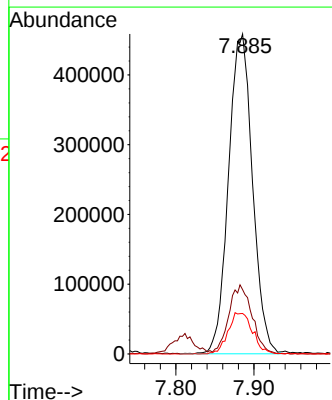
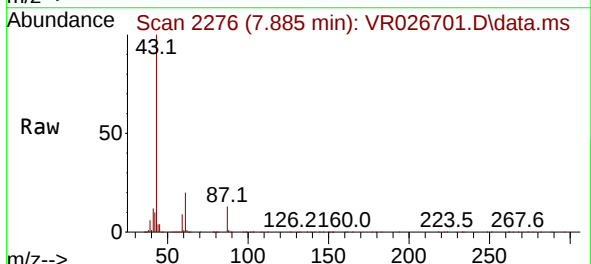
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

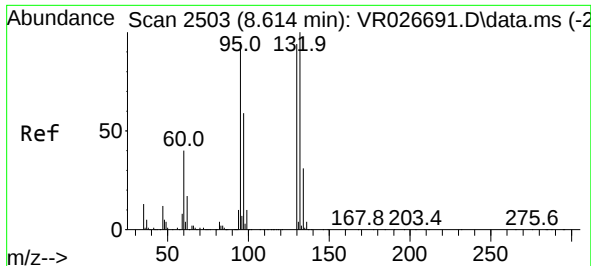
Tgt Ion: 62 Resp: 406499
Ion Ratio Lower Upper
62 100
98 11.7 0.0 22.2



#42
Isopropyl Acetate
Concen: 58.511 ug/l
RT: 7.885 min Scan# 2276
Delta R.T. 0.010 min
Lab File: VR026701.D
Acq: 4 Aug 2025 17:14

Tgt Ion: 43 Resp: 978657
Ion Ratio Lower Upper
43 100
61 20.9 17.9 26.9
87 13.0 10.8 16.2

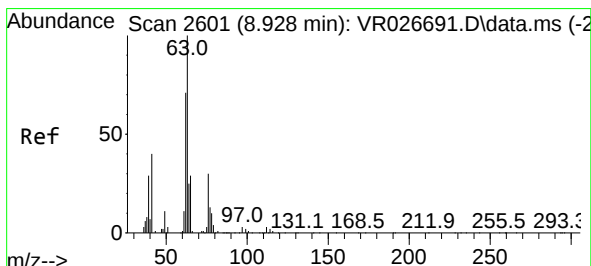
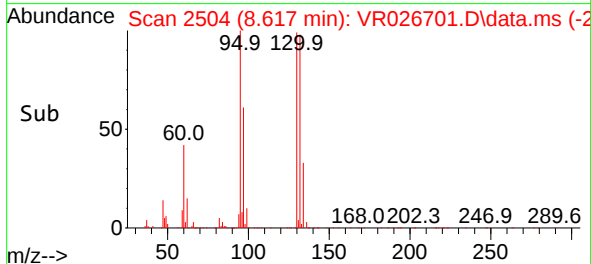
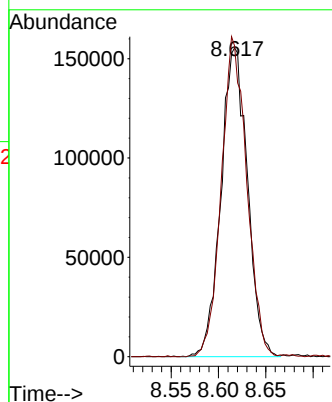
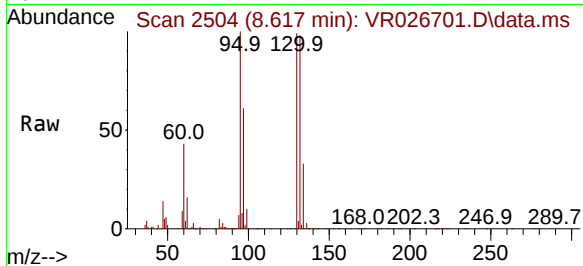




#43
Trichloroethene
Concen: 50.282 ug/l
RT: 8.617 min Scan# 21
Delta R.T. 0.003 min
Lab File: VR026701.D
Acq: 4 Aug 2025 17:14

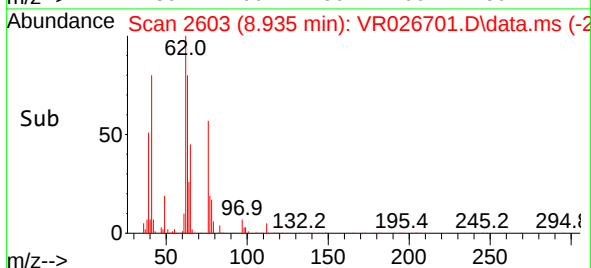
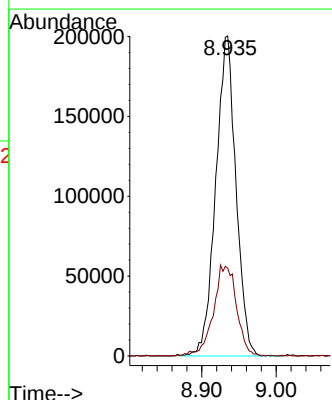
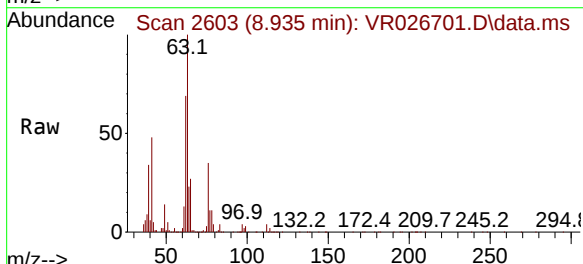
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

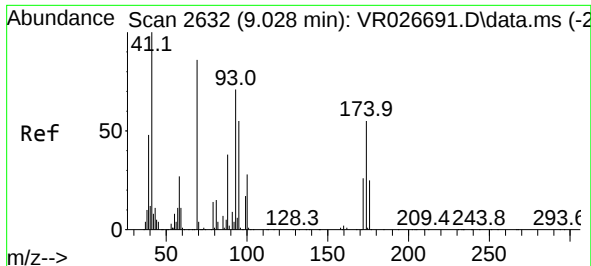
Tgt Ion:130 Resp: 302571
Ion Ratio Lower Upper
130 100
95 100.6 0.0 200.6



#44
1,2-Dichloropropane
Concen: 51.067 ug/l
RT: 8.935 min Scan# 2603
Delta R.T. 0.007 min
Lab File: VR026701.D
Acq: 4 Aug 2025 17:14

Tgt Ion: 63 Resp: 378139
Ion Ratio Lower Upper
63 100
65 27.3 23.8 35.8

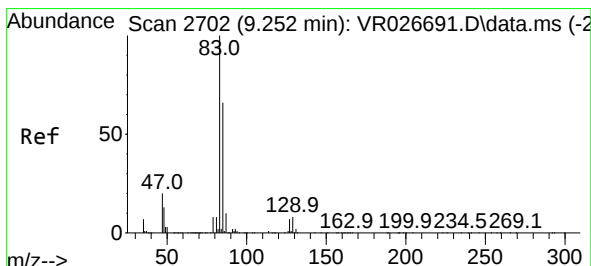
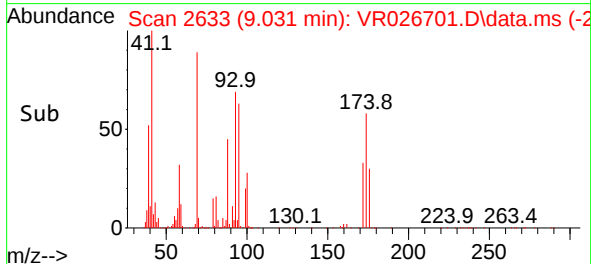
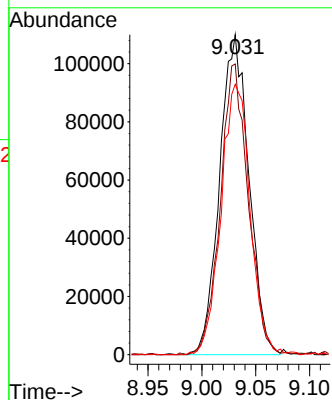
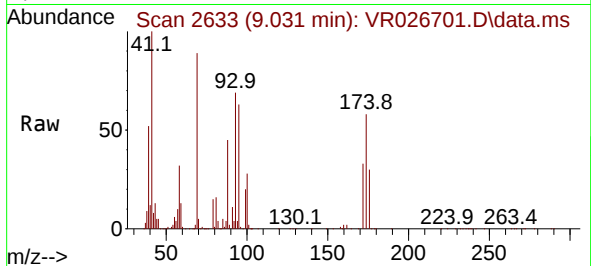




#45
Dibromomethane
Concen: 50.482 ug/l
RT: 9.031 min Scan# 207888
Delta R.T. 0.003 min
Lab File: VR026701.D
Acq: 4 Aug 2025 17:14

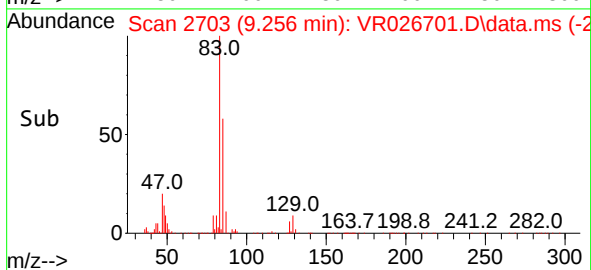
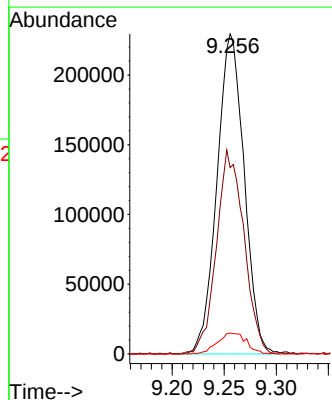
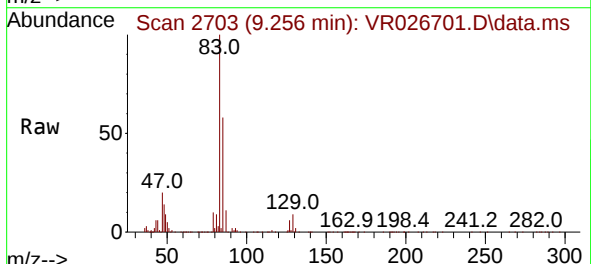
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

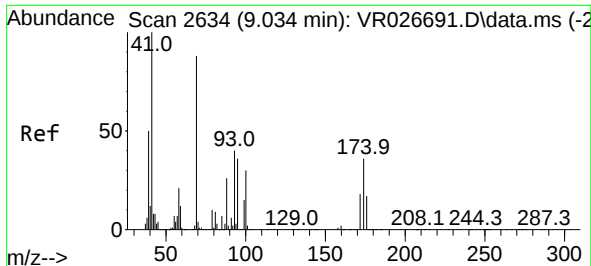
Tgt Ion: 93 Resp: 207888
Ion Ratio Lower Upper
93 100
95 86.6 69.4 104.0
174 83.9 66.9 100.3



#46
Bromodichloromethane
Concen: 52.342 ug/l
RT: 9.256 min Scan# 2703
Delta R.T. 0.003 min
Lab File: VR026701.D
Acq: 4 Aug 2025 17:14

Tgt Ion: 83 Resp: 417633
Ion Ratio Lower Upper
83 100
85 58.2 52.6 78.8
127 6.5 5.5 8.3

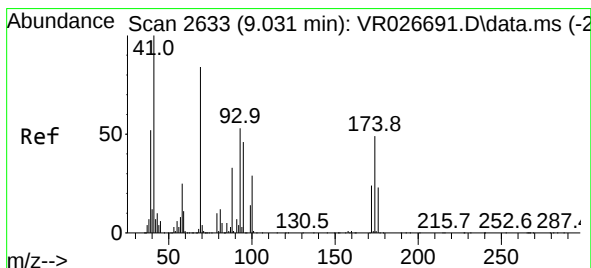
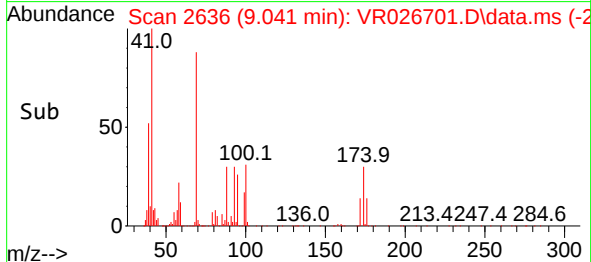
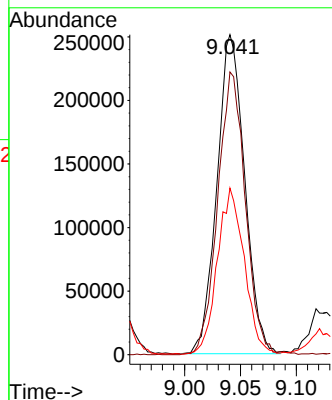
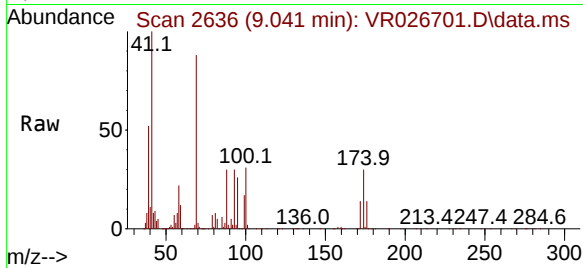




#47
Methyl methacrylate
Concen: 59.316 ug/l
RT: 9.041 min Scan# 2636
Delta R.T. 0.007 min
Lab File: VR026701.D
Acq: 4 Aug 2025 17:14

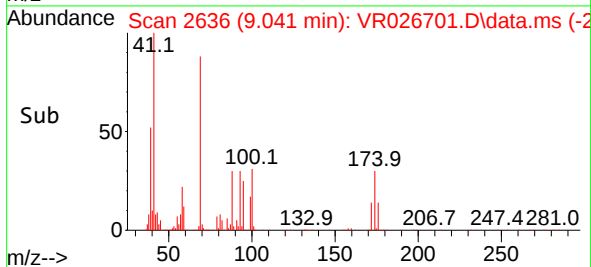
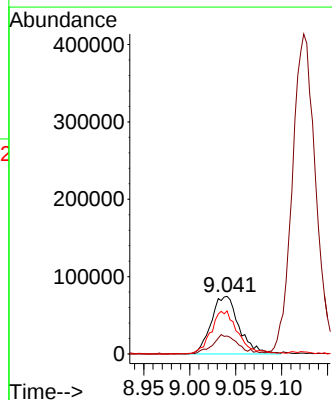
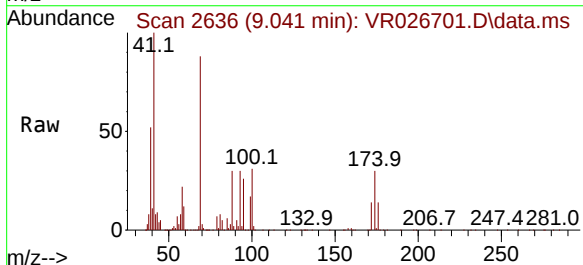
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

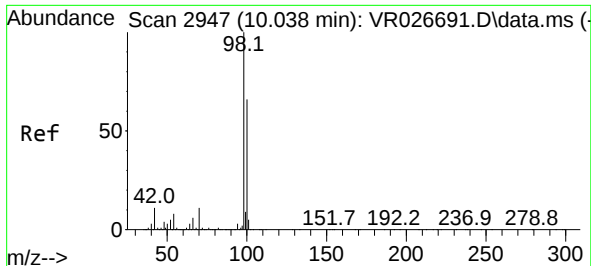
Tgt Ion: 41 Resp: 434224
Ion Ratio Lower Upper
41 100
69 88.0 69.8 104.6
39 50.7 39.4 59.2



#48
1,4-Dioxane
Concen: 1328.054 ug/l
RT: 9.041 min Scan# 2636
Delta R.T. 0.010 min
Lab File: VR026701.D
Acq: 4 Aug 2025 17:14

Tgt Ion: 88 Resp: 156604
Ion Ratio Lower Upper
88 100
43 30.8 25.2 37.8
58 71.9 60.8 91.2

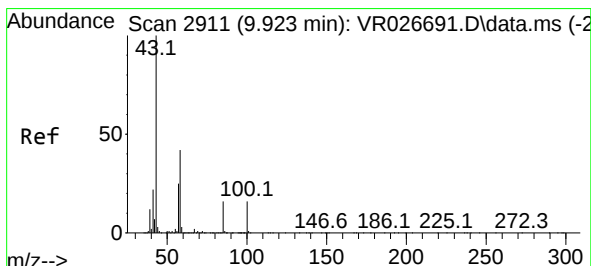
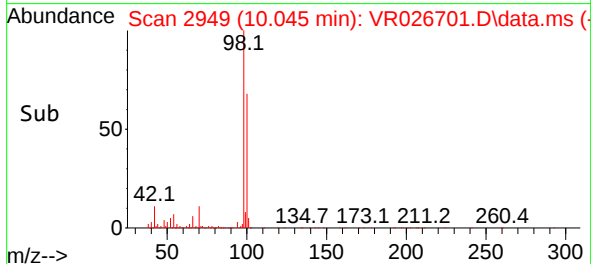
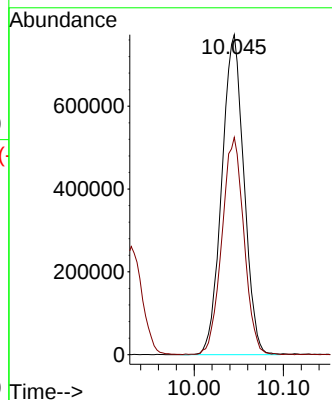
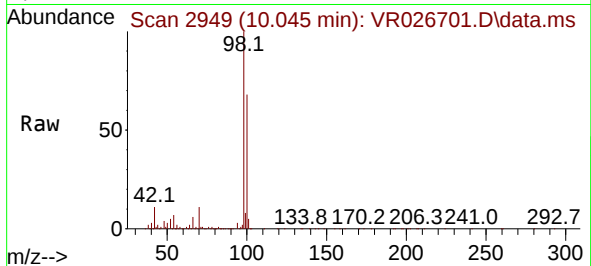




#49
Toluene-d8
Concen: 53.970 ug/l
RT: 10.045 min Scan# 2949
Delta R.T. 0.007 min
Lab File: VR026701.D
Acq: 4 Aug 2025 17:14

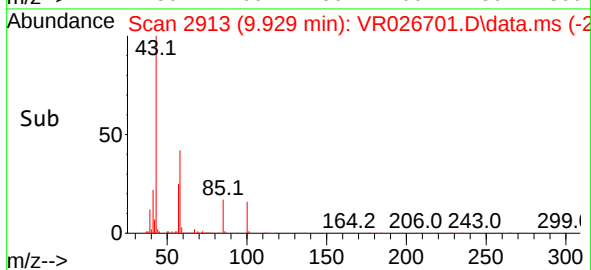
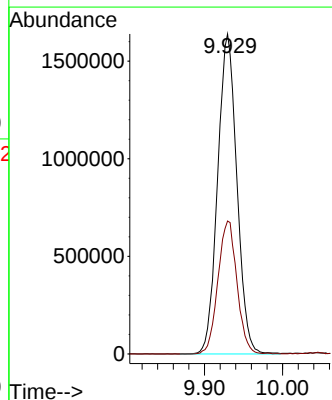
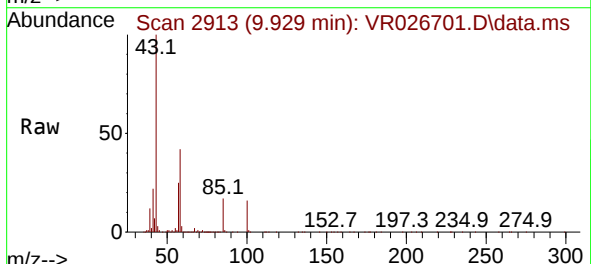
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

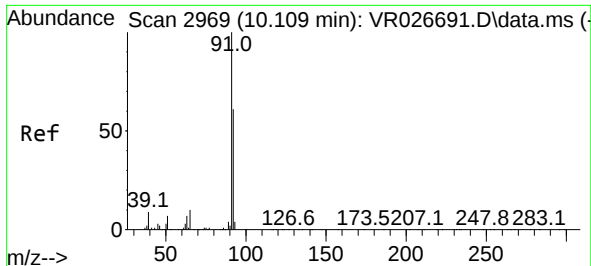
Tgt Ion: 98 Resp: 1331730
Ion Ratio Lower Upper
98 100
100 67.2 53.9 80.9



#50
4-Methyl-2-Pentanone
Concen: 320.475 ug/l
RT: 9.929 min Scan# 2913
Delta R.T. 0.007 min
Lab File: VR026701.D
Acq: 4 Aug 2025 17:14

Tgt Ion: 43 Resp: 2798462
Ion Ratio Lower Upper
43 100
58 41.2 33.7 50.5

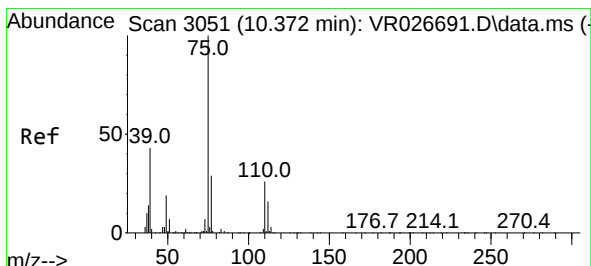
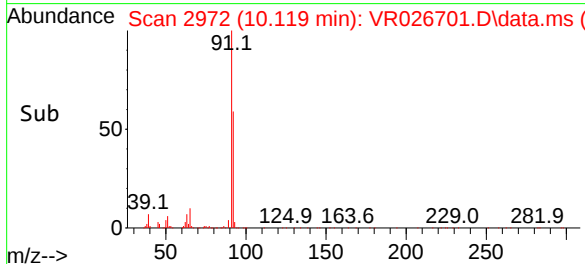
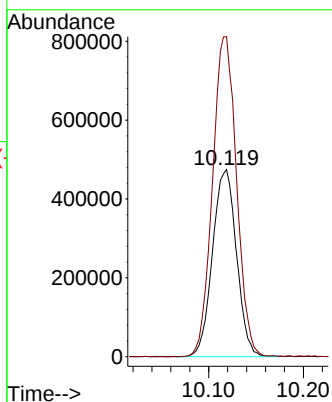
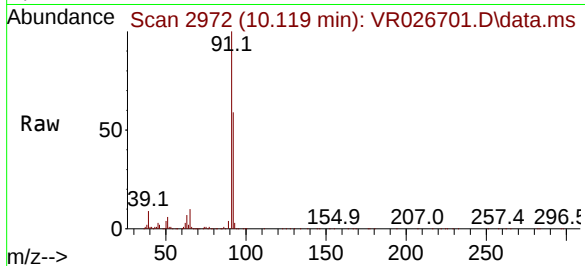




#51
Toluene
Concen: 52.236 ug/l
RT: 10.119 min Scan# 2969
Delta R.T. 0.010 min
Lab File: VR026701.D
Acq: 4 Aug 2025 17:14

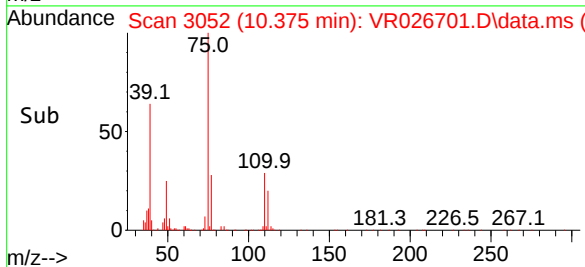
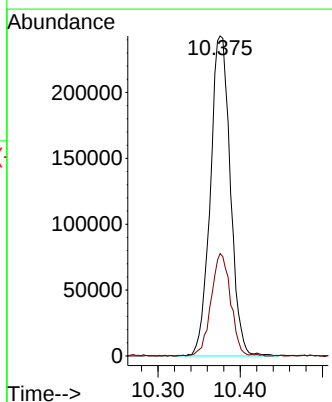
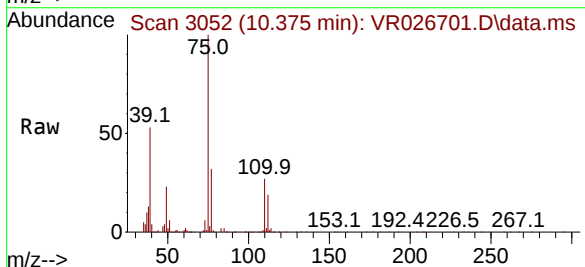
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

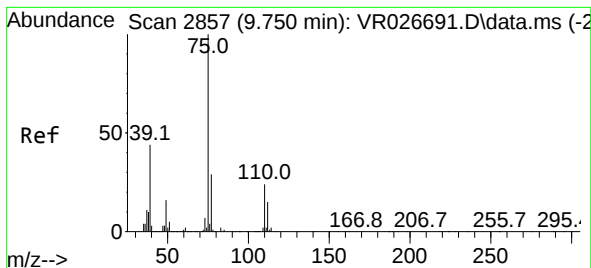
Tgt Ion: 92 Resp: 834384
Ion Ratio Lower Upper
92 100
91 171.6 137.8 206.6



#52
t-1,3-Dichloropropene
Concen: 52.427 ug/l
RT: 10.375 min Scan# 3052
Delta R.T. 0.003 min
Lab File: VR026701.D
Acq: 4 Aug 2025 17:14

Tgt Ion: 75 Resp: 410006
Ion Ratio Lower Upper
75 100
77 31.9 23.4 35.2

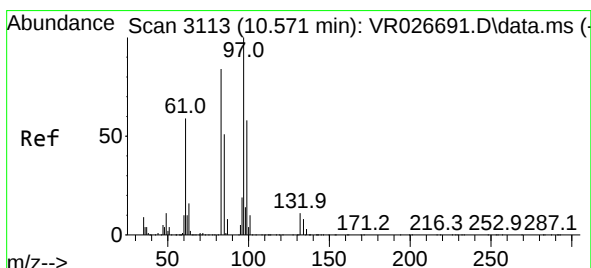
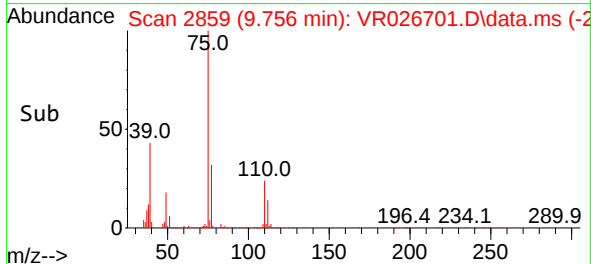
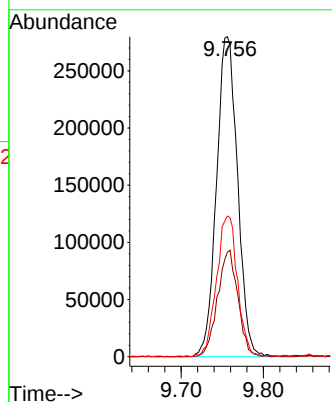
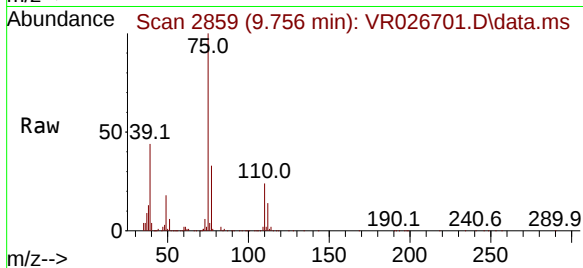




#53
 cis-1,3-Dichloropropene
 Concen: 53.094 ug/l
 RT: 9.756 min Scan# 21
 Delta R.T. 0.007 min
 Lab File: VR026701.D
 Acq: 4 Aug 2025 17:14

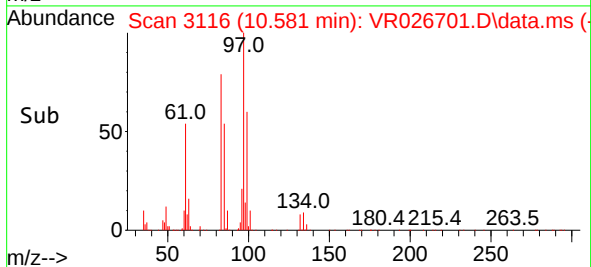
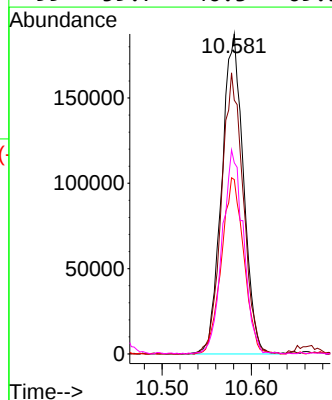
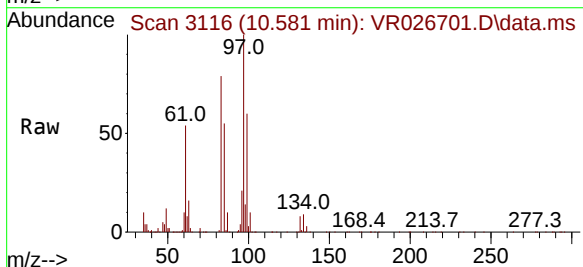
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDCCC050EC

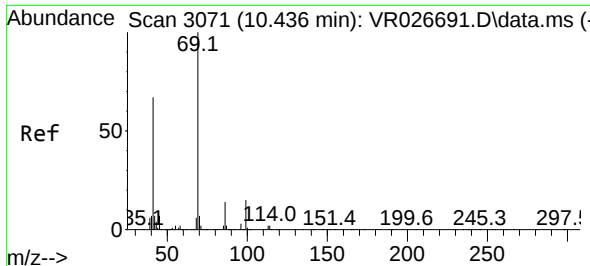
Tgt Ion: 75 Resp: 498045
 Ion Ratio Lower Upper
 75 100
 77 32.6 22.9 34.3
 39 43.8 34.8 52.2



#54
 1,1,2-Trichloroethane
 Concen: 54.366 ug/l
 RT: 10.581 min Scan# 3116
 Delta R.T. 0.010 min
 Lab File: VR026701.D
 Acq: 4 Aug 2025 17:14

Tgt Ion: 97 Resp: 317141
 Ion Ratio Lower Upper
 97 100
 83 79.3 67.4 101.2
 85 54.5 40.4 60.6
 99 59.7 46.3 69.5

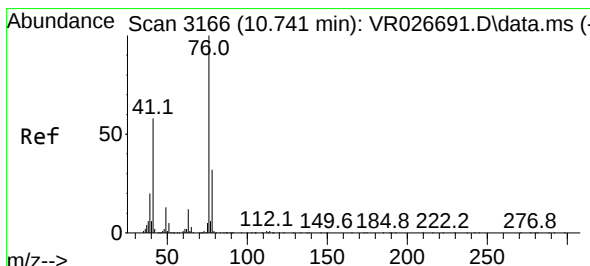
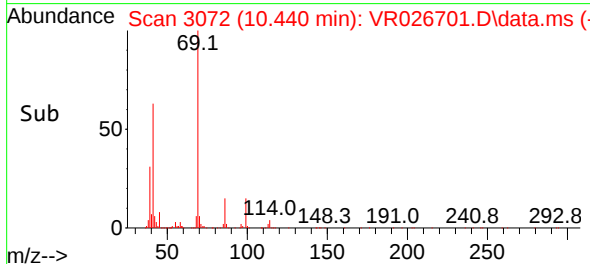
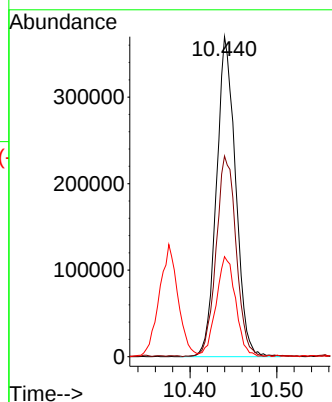
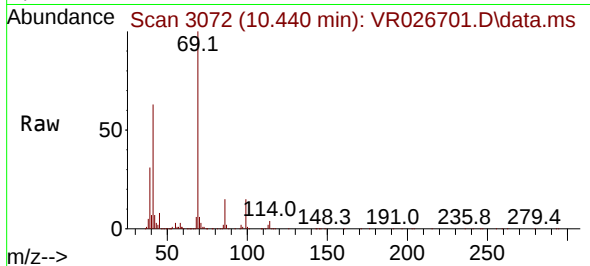




#55
Ethyl methacrylate
Concen: 58.720 ug/l
RT: 10.440 min Scan# 3071
Delta R.T. 0.003 min
Lab File: VR026701.D
Acq: 4 Aug 2025 17:14

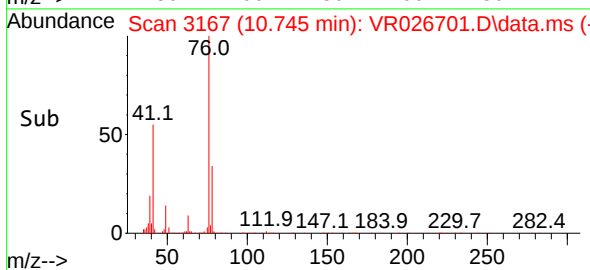
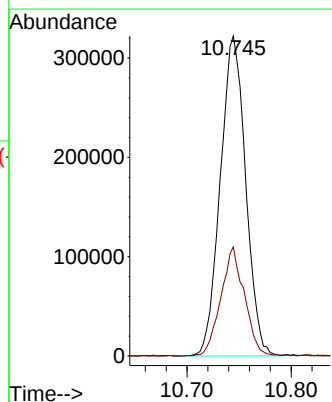
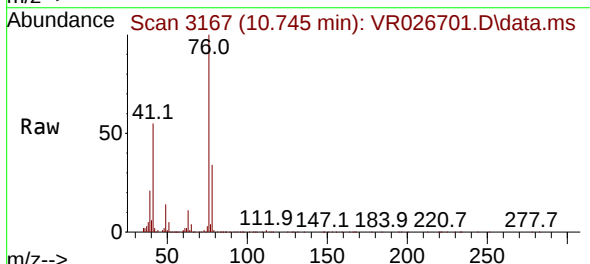
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

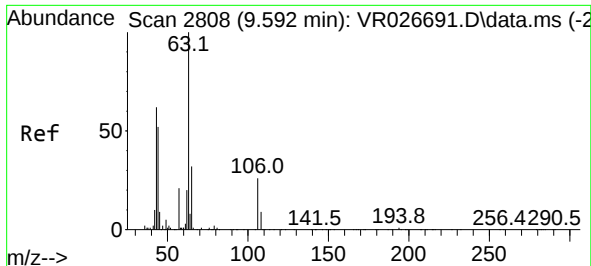
Tgt Ion: 69 Resp: 565676
Ion Ratio Lower Upper
69 100
41 65.6 51.5 77.3
39 31.6 24.7 37.1



#56
1,3-Dichloropropane
Concen: 54.781 ug/l
RT: 10.745 min Scan# 3167
Delta R.T. 0.003 min
Lab File: VR026701.D
Acq: 4 Aug 2025 17:14

Tgt Ion: 76 Resp: 544317
Ion Ratio Lower Upper
76 100
78 31.8 25.8 38.6

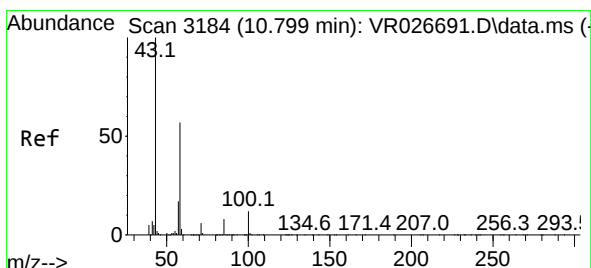
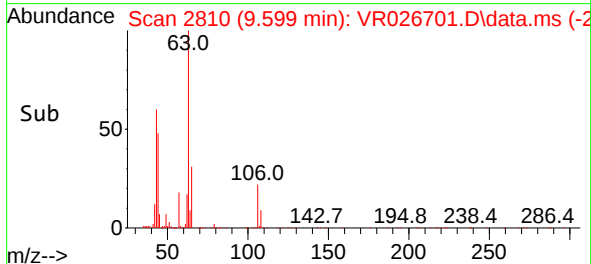
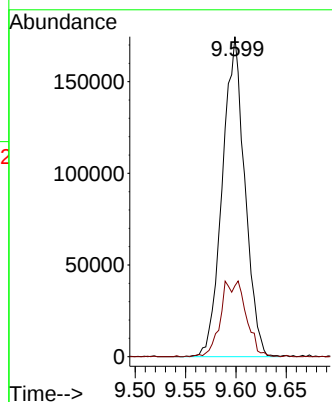
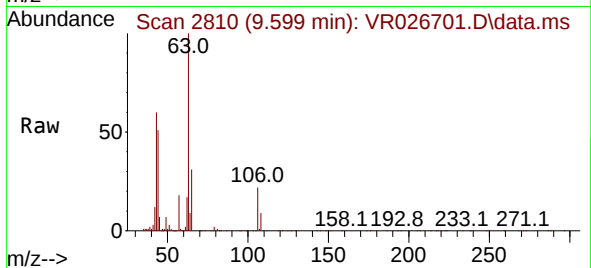




#57
2-Chloroethyl Vinyl ether
Concen: 508.730 ug/l
RT: 9.599 min Scan# 21
Delta R.T. 0.007 min
Lab File: VR026701.D
Acq: 4 Aug 2025 17:14

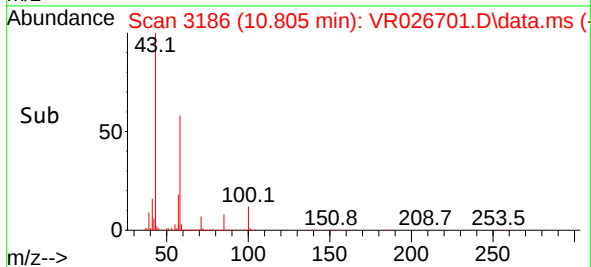
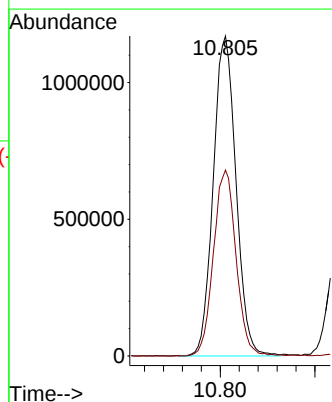
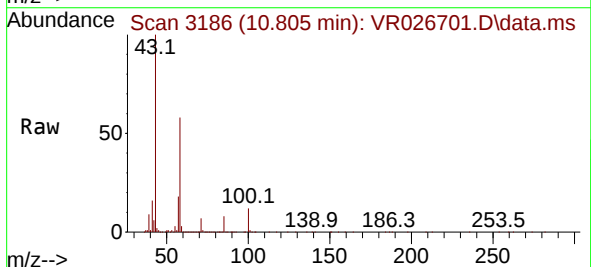
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

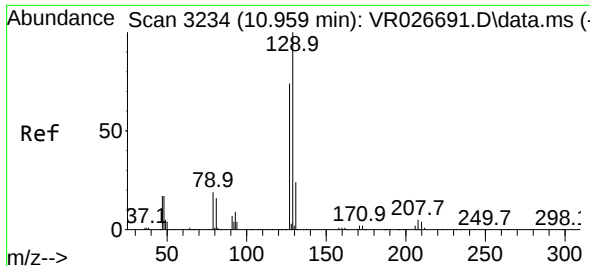
Tgt Ion: 63 Resp: 270833
Ion Ratio Lower Upper
63 100
106 13.0 22.5 33.7#



#58
2-Hexanone
Concen: 331.432 ug/l
RT: 10.805 min Scan# 3186
Delta R.T. 0.007 min
Lab File: VR026701.D
Acq: 4 Aug 2025 17:14

Tgt Ion: 43 Resp: 1951064
Ion Ratio Lower Upper
43 100
58 57.6 28.8 86.4

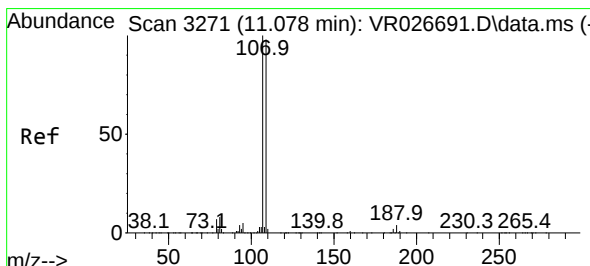
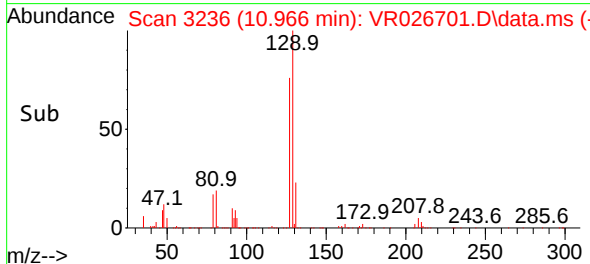
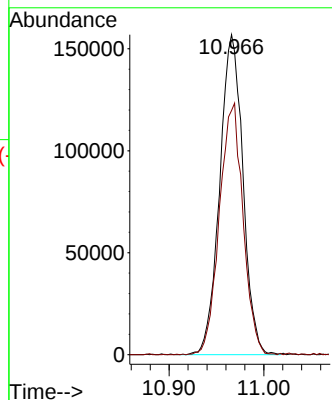
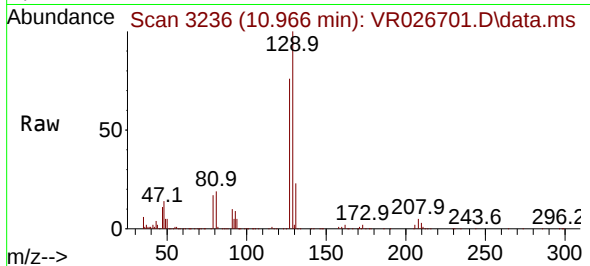




#59
Dibromochloromethane
Concen: 54.056 ug/l
RT: 10.966 min Scan# 31
Delta R.T. 0.007 min
Lab File: VR026701.D
Acq: 4 Aug 2025 17:14

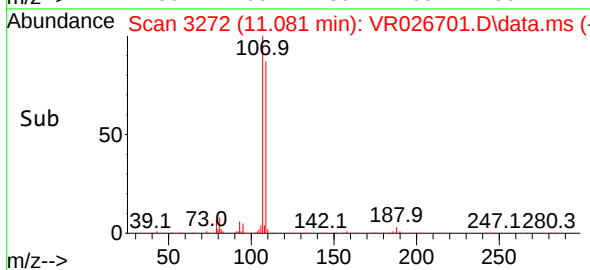
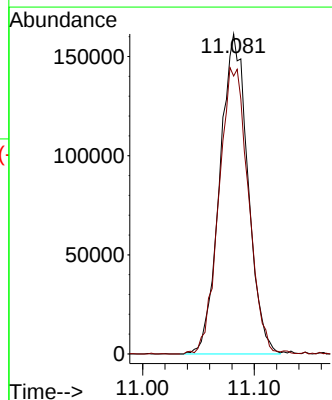
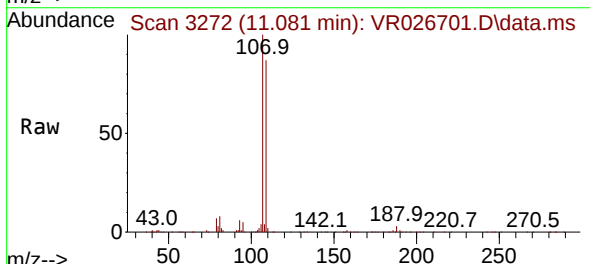
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

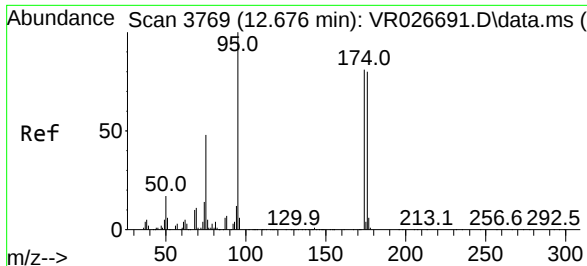
Tgt Ion:129 Resp: 266871
Ion Ratio Lower Upper
129 100
127 79.9 38.9 116.6



#60
1,2-Dibromoethane
Concen: 56.109 ug/l
RT: 11.081 min Scan# 3272
Delta R.T. 0.003 min
Lab File: VR026701.D
Acq: 4 Aug 2025 17:14

Tgt Ion:107 Resp: 281703
Ion Ratio Lower Upper
107 100
109 93.7 75.9 113.9

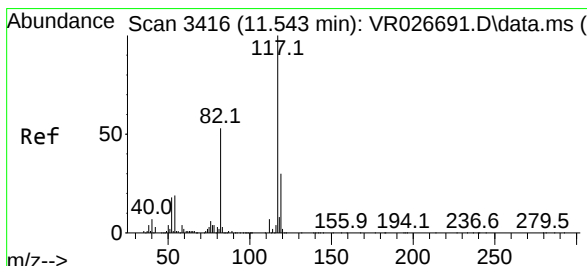
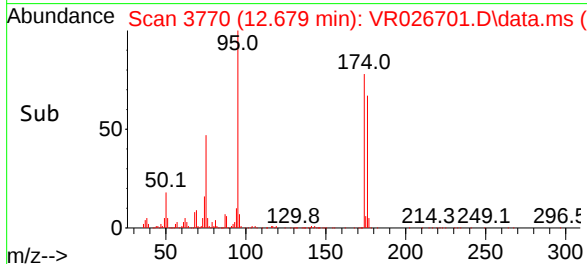
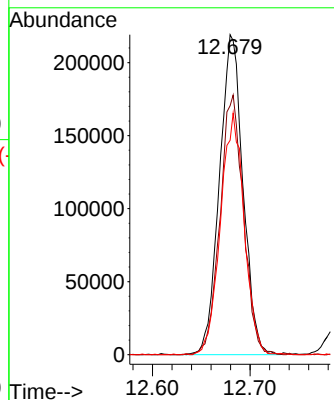
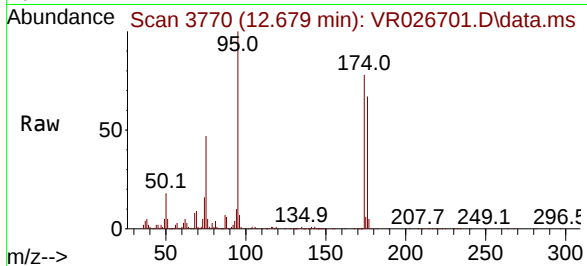




#61
4-Bromofluorobenzene
Concen: 52.354 ug/l
RT: 12.679 min Scan# 31
Delta R.T. 0.003 min
Lab File: VR026701.D
Acq: 4 Aug 2025 17:14

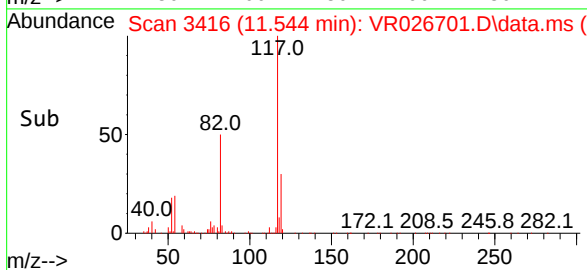
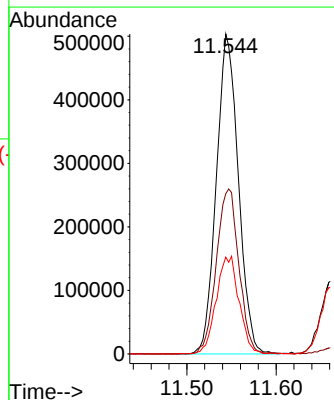
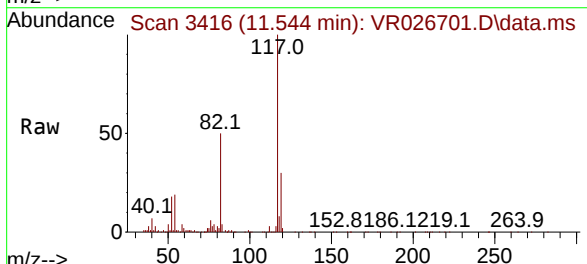
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

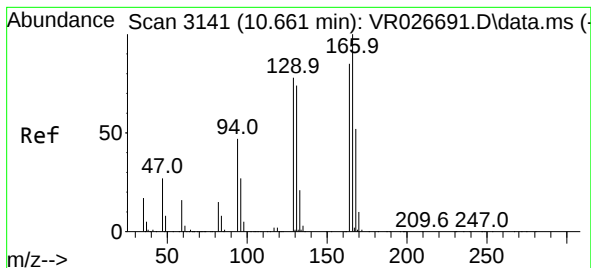
Tgt Ion: 95 Resp: 367442
Ion Ratio Lower Upper
95 100
174 80.6 0.0 158.4
176 75.6 0.0 149.0



#62
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.544 min Scan# 3416
Delta R.T. 0.000 min
Lab File: VR026701.D
Acq: 4 Aug 2025 17:14

Tgt Ion: 117 Resp: 862138
Ion Ratio Lower Upper
117 100
82 50.1 42.0 63.0
119 30.1 23.9 35.9





#63

Tetrachloroethene

Concen: 48.970 ug/l

RT: 10.661 min Scan# 3141

Delta R.T. 0.000 min

Lab File: VR026701.D

Acq: 4 Aug 2025 17:14

Instrument :

MSVOA_R

ClientSampleId :

VSTDCCC050EC

Tgt Ion:164 Resp: 230637

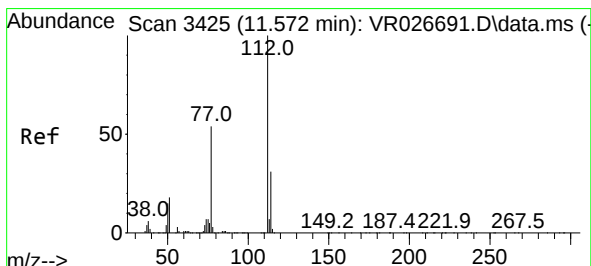
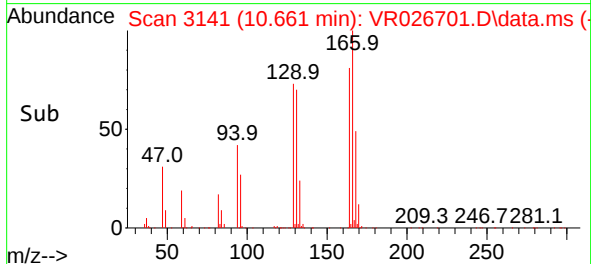
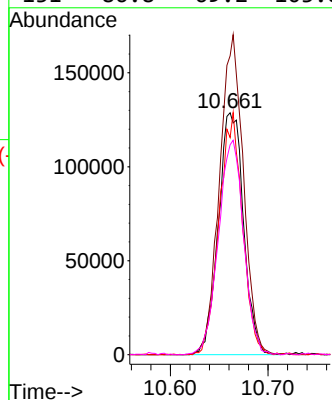
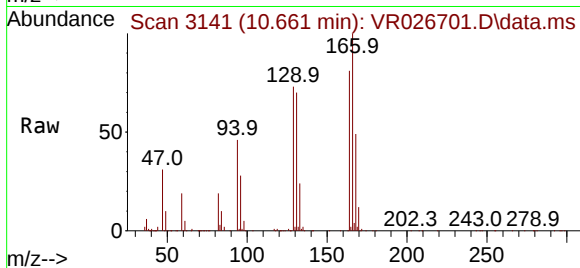
Ion Ratio Lower Upper

164 100

166 123.6 93.7 140.5

129 89.8 73.4 110.2

131 86.8 69.2 103.8



#64

Chlorobenzene

Concen: 49.224 ug/l

RT: 11.576 min Scan# 3426

Delta R.T. 0.003 min

Lab File: VR026701.D

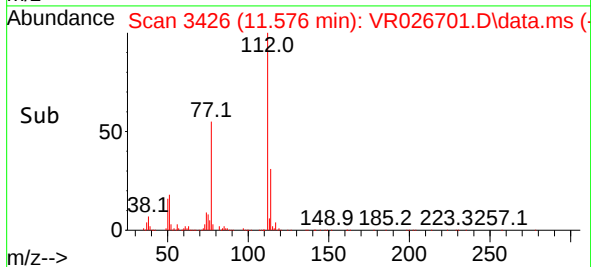
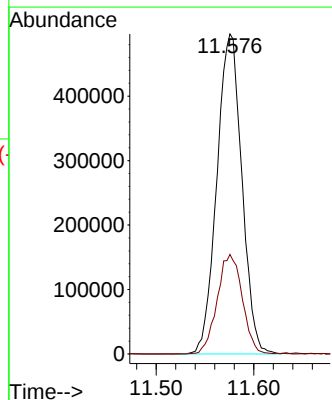
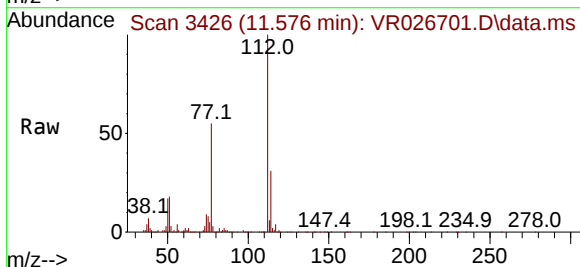
Acq: 4 Aug 2025 17:14

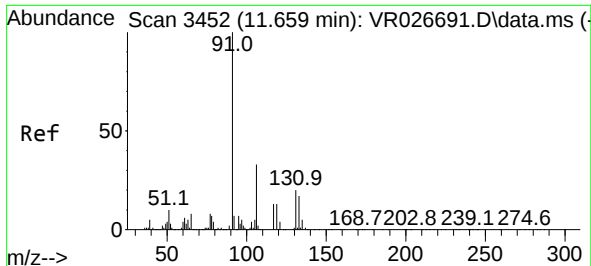
Tgt Ion:112 Resp: 883195

Ion Ratio Lower Upper

112 100

114 31.0 25.0 37.6

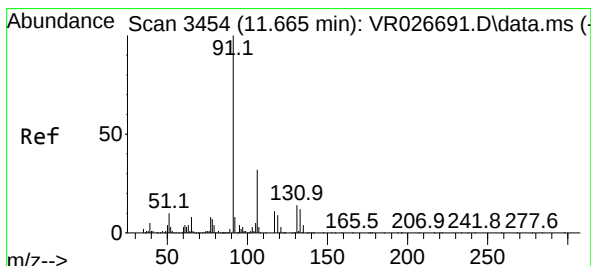
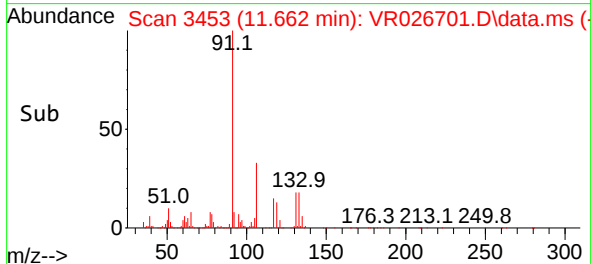
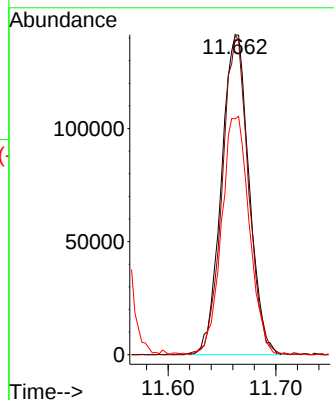
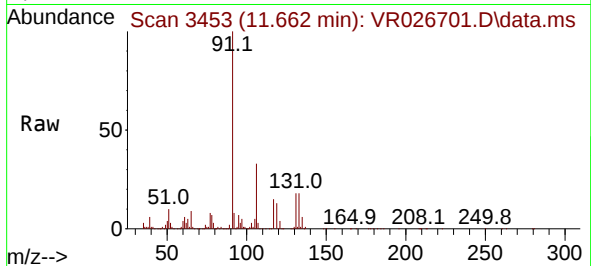




#65
 1,1,1,2-Tetrachloroethane
 Concen: 51.378 ug/l
 RT: 11.662 min Scan# 3453
 Delta R.T. 0.003 min
 Lab File: VR026701.D
 Acq: 4 Aug 2025 17:14

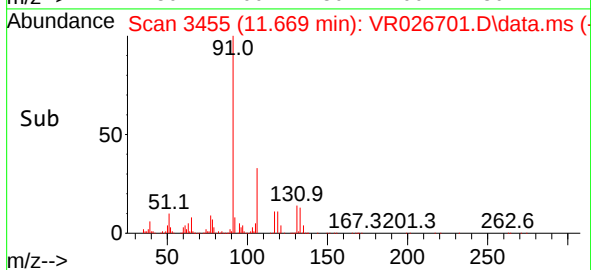
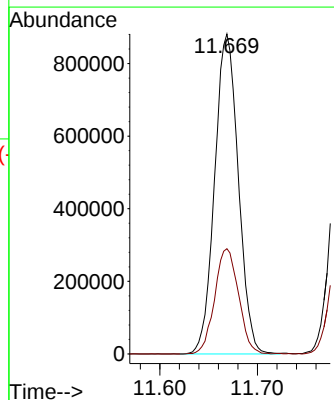
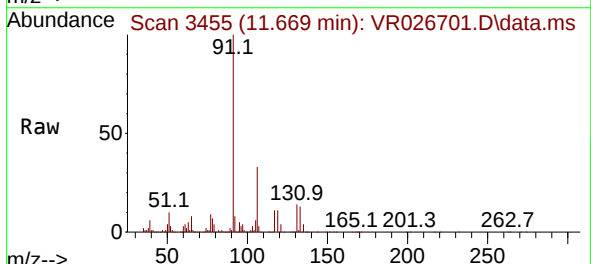
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDCCC050EC

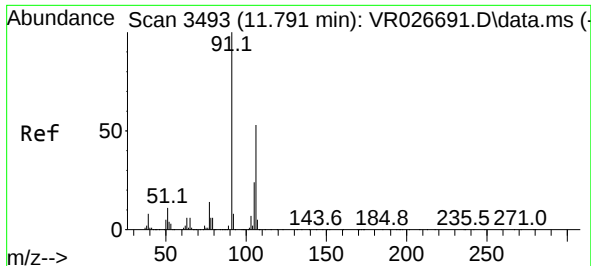
Tgt Ion:131 Resp: 251789
 Ion Ratio Lower Upper
 131 100
 133 94.4 46.2 138.5
 119 75.0 35.7 107.1



#66
 Ethyl Benzene
 Concen: 49.528 ug/l
 RT: 11.669 min Scan# 3455
 Delta R.T. 0.003 min
 Lab File: VR026701.D
 Acq: 4 Aug 2025 17:14

Tgt Ion: 91 Resp: 1483820
 Ion Ratio Lower Upper
 91 100
 106 32.9 25.4 38.0

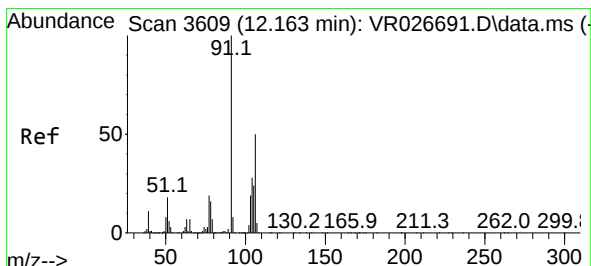
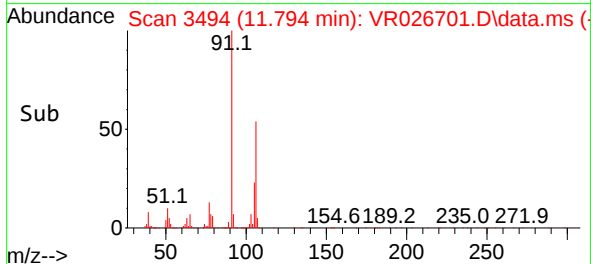
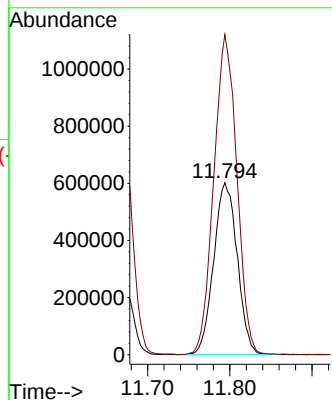
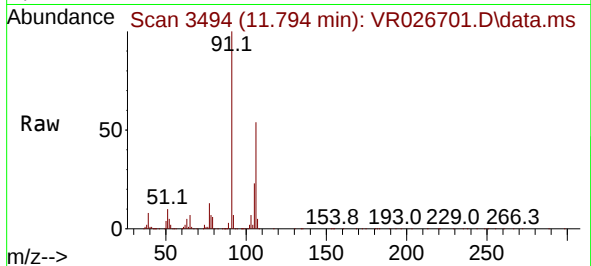




#67
m/p-Xylenes
Concen: 99.997 ug/l
RT: 11.794 min Scan# 3493
Delta R.T. 0.003 min
Lab File: VR026701.D
Acq: 4 Aug 2025 17:14

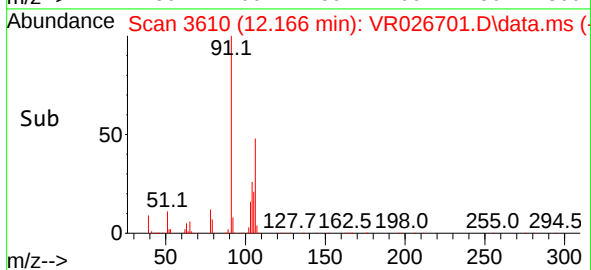
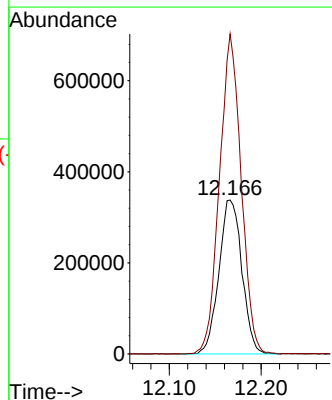
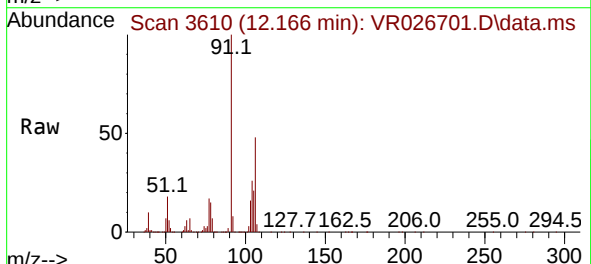
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

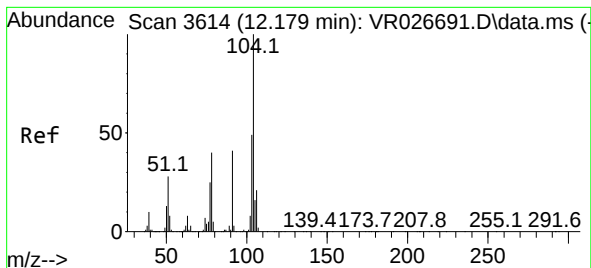
Tgt Ion:106 Resp: 1196896
Ion Ratio Lower Upper
106 100
91 182.7 146.8 220.2



#68
o-Xylene
Concen: 50.610 ug/l
RT: 12.166 min Scan# 3610
Delta R.T. 0.003 min
Lab File: VR026701.D
Acq: 4 Aug 2025 17:14

Tgt Ion:106 Resp: 588029
Ion Ratio Lower Upper
106 100
91 195.7 97.9 293.6





#69

Styrene

Concen: 51.593 ug/l

RT: 12.182 min Scan# 3615

Delta R.T. 0.003 min

Lab File: VR026701.D

Acq: 4 Aug 2025 17:14

Instrument :

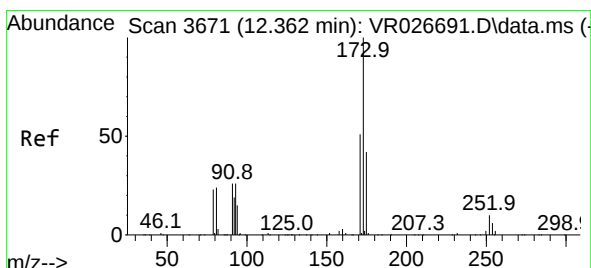
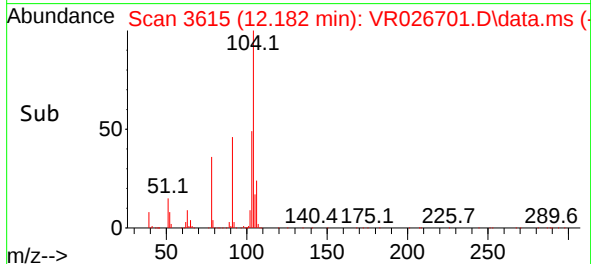
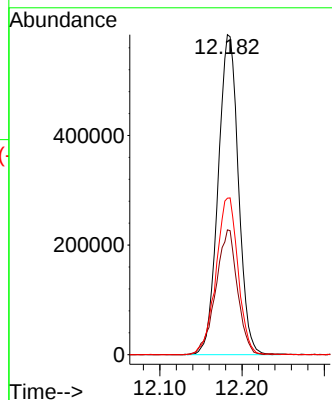
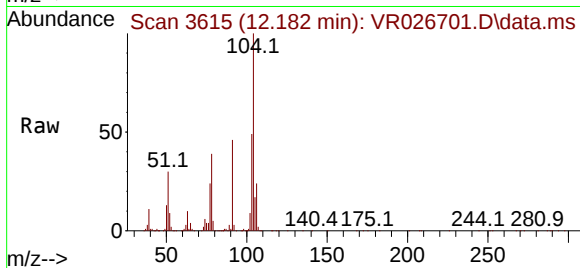
MSVOA_R

ClientSampleId :

VSTDCCC050EC

Tgt Ion:104 Resp: 1001744

Ion	Ratio	Lower	Upper
104	100		
78	41.7	34.5	51.7
103	53.2	43.2	64.8



#70

Bromoform

Concen: 53.760 ug/l

RT: 12.365 min Scan# 3672

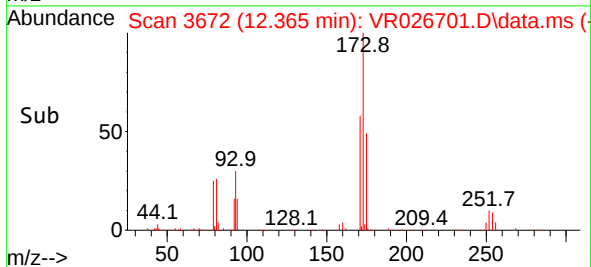
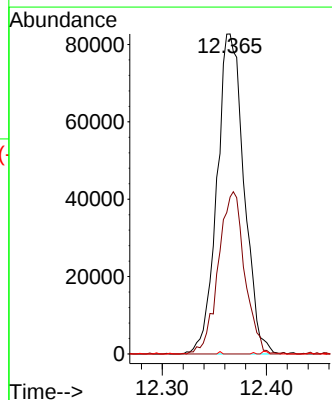
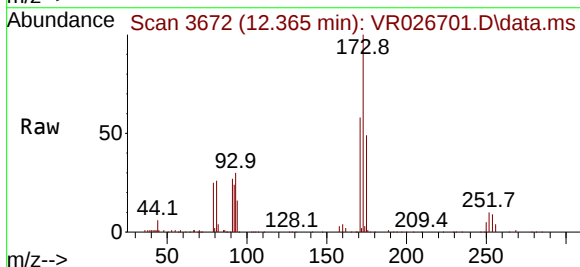
Delta R.T. 0.003 min

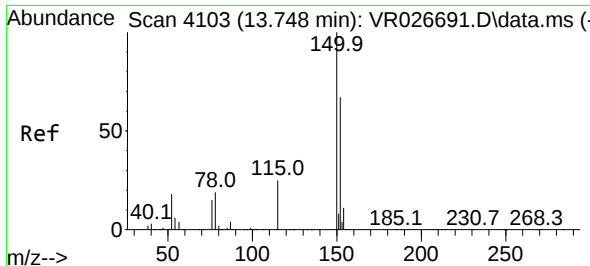
Lab File: VR026701.D

Acq: 4 Aug 2025 17:14

Tgt Ion:173 Resp: 149105

Ion	Ratio	Lower	Upper
173	100		
175	49.5	23.6	71.0
254	0.1	0.1	0.1

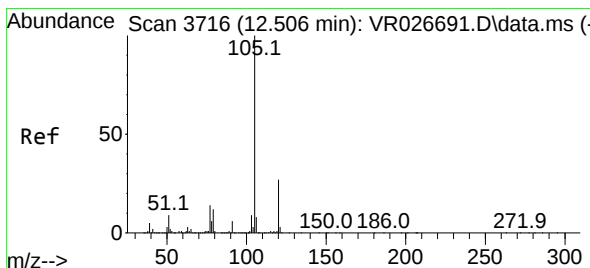
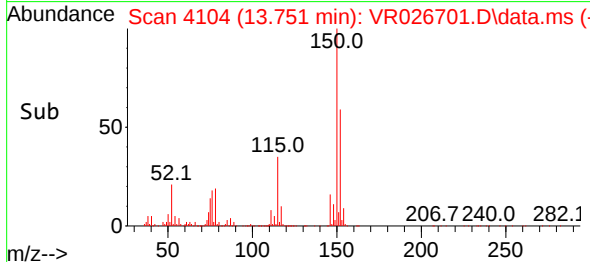
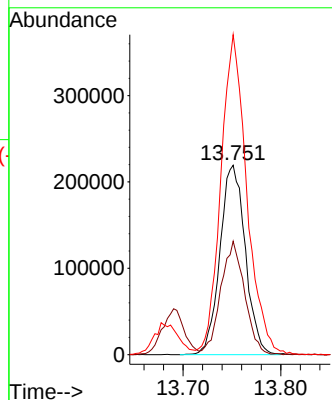
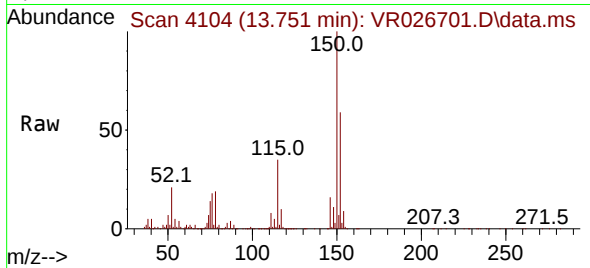




#71
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.751 min Scan# 4103
Delta R.T. 0.003 min
Lab File: VR026701.D
Acq: 4 Aug 2025 17:14

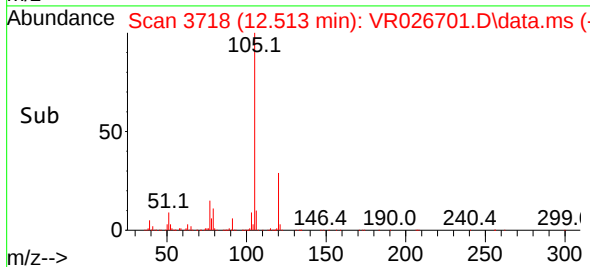
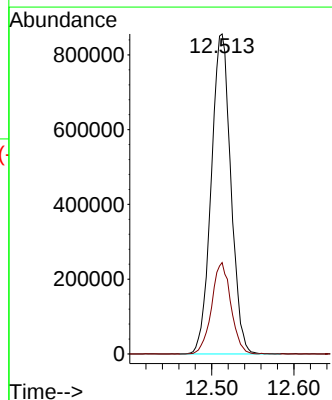
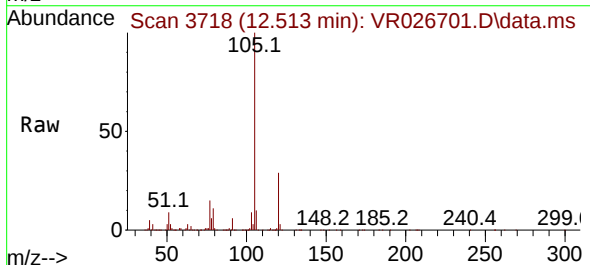
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

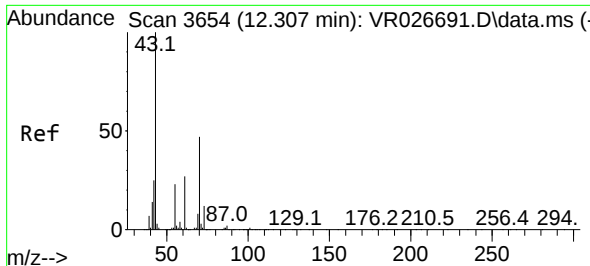
Tgt Ion:152 Resp: 395194
Ion Ratio Lower Upper
152 100
115 56.6 27.8 83.4
150 173.4 0.0 350.4



#72
Isopropylbenzene
Concen: 50.336 ug/l
RT: 12.513 min Scan# 3718
Delta R.T. 0.007 min
Lab File: VR026701.D
Acq: 4 Aug 2025 17:14

Tgt Ion:105 Resp: 1417841
Ion Ratio Lower Upper
105 100
120 28.0 14.2 42.8



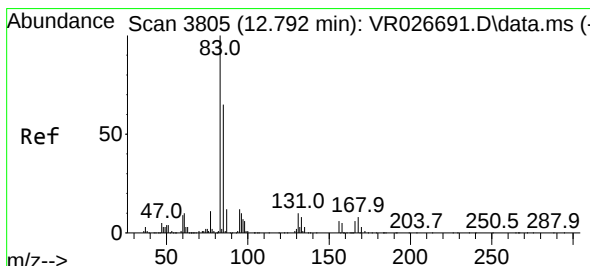
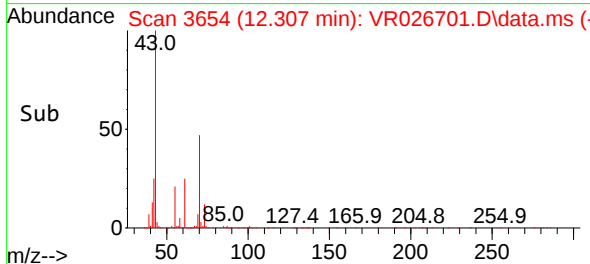
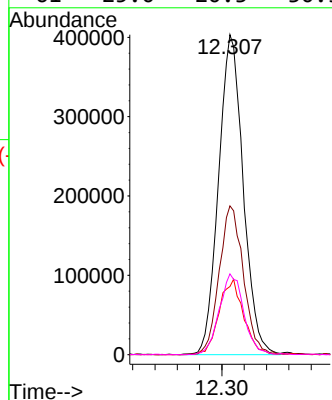
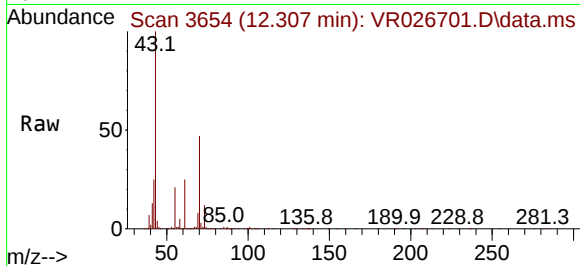


#73
N-ethyl acetate
Concen: 55.385 ug/l
RT: 12.307 min Scan# 30
Delta R.T. 0.000 min
Lab File: VR026701.D
Acq: 4 Aug 2025 17:14

Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 618560

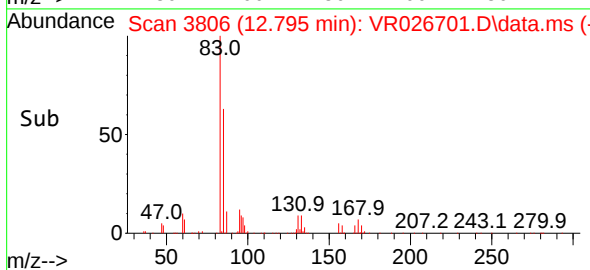
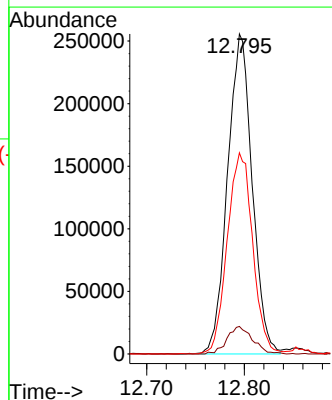
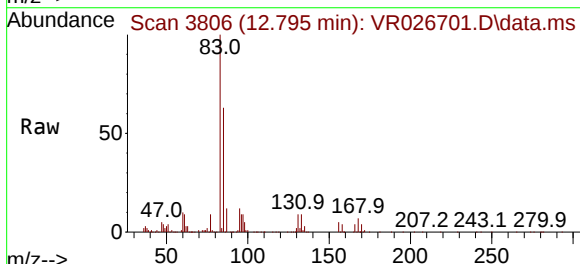
Ion	Ratio	Lower	Upper
43	100		
70	45.7	36.4	54.6
55	23.4	18.7	28.1
61	25.0	20.3	30.5

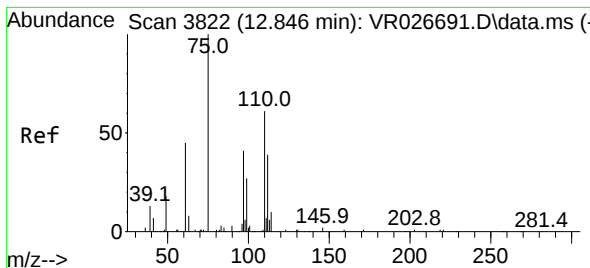


#74
1,1,2,2-Tetrachloroethane
Concen: 54.146 ug/l
RT: 12.795 min Scan# 3806
Delta R.T. 0.003 min
Lab File: VR026701.D
Acq: 4 Aug 2025 17:14

Tgt Ion: 83 Resp: 447482

Ion	Ratio	Lower	Upper
83	100		
131	8.9	4.2	12.4
85	64.9	32.3	96.8





#75

1,2,3-Trichloropropane

Concen: 79.470 ug/l

RT: 12.853 min Scan# 3824

Delta R.T. 0.007 min

Lab File: VR026701.D

Acq: 4 Aug 2025 17:14

Instrument :

MSVOA_R

ClientSampleId :

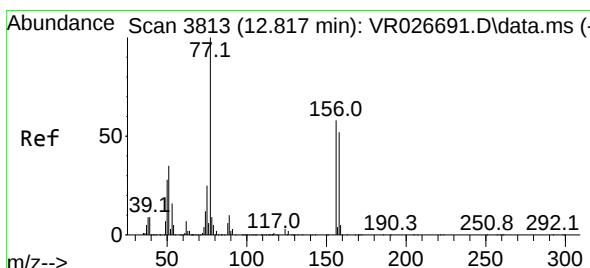
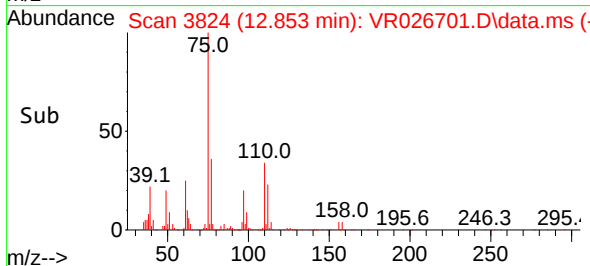
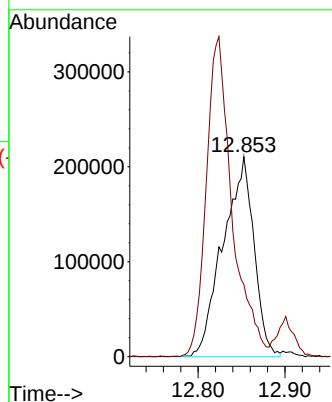
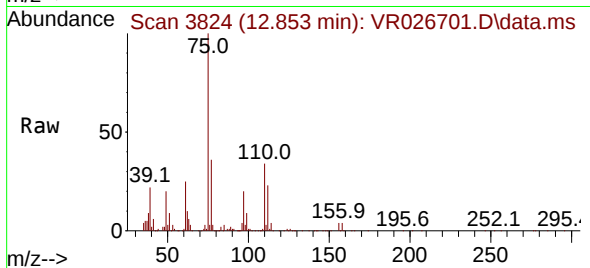
VSTDCCC050EC

Tgt Ion: 75 Resp: 520586

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



#76

Bromobenzene

Concen: 49.712 ug/l

RT: 12.821 min Scan# 3814

Delta R.T. 0.003 min

Lab File: VR026701.D

Acq: 4 Aug 2025 17:14

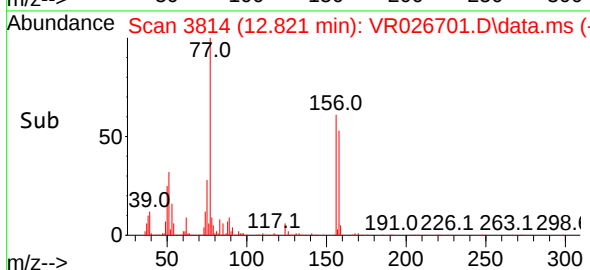
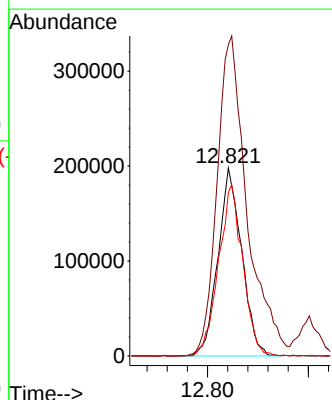
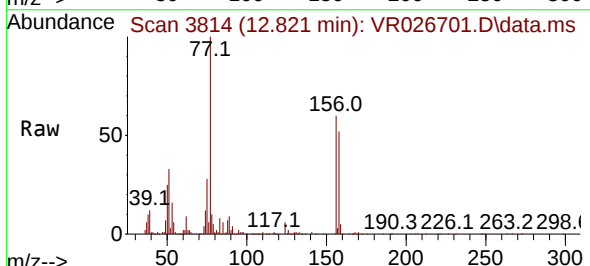
Tgt Ion:156 Resp: 324050

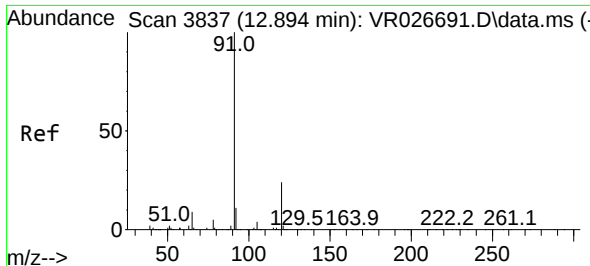
Ion Ratio Lower Upper

156 100

77 215.0 105.5 316.4

158 93.0 46.4 139.1

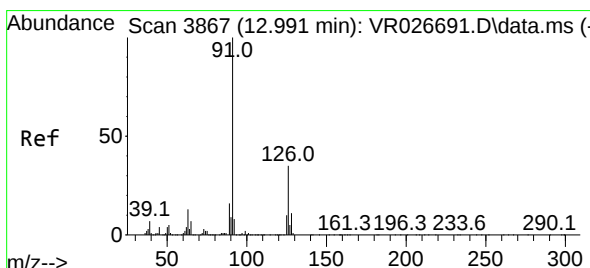
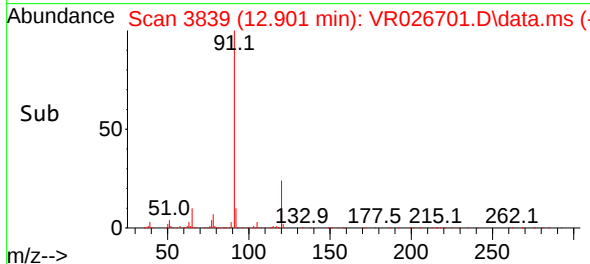
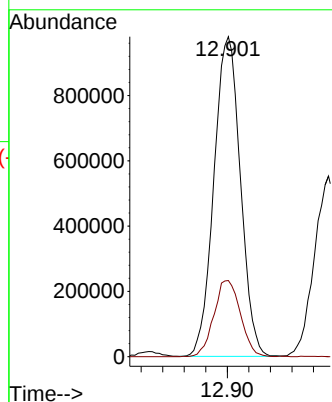
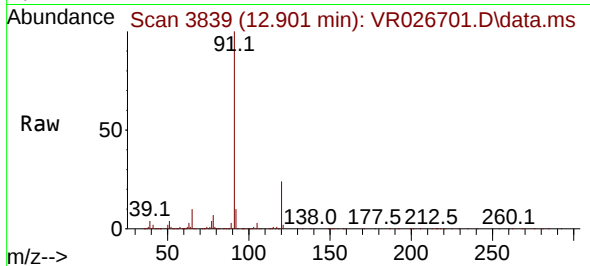




#77
n-propylbenzene
Concen: 49.758 ug/l
RT: 12.901 min Scan# 3839
Delta R.T. 0.007 min
Lab File: VR026701.D
Acq: 4 Aug 2025 17:14

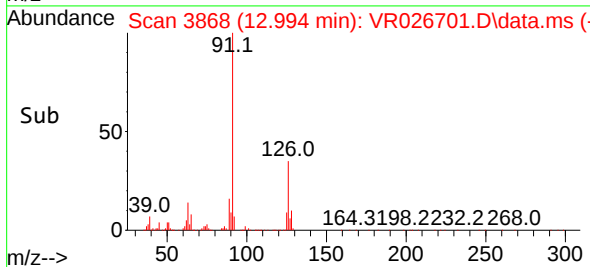
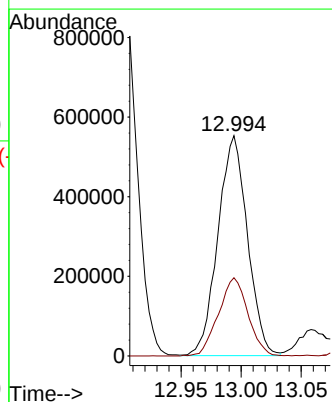
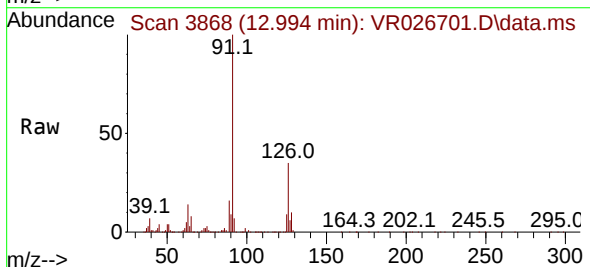
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

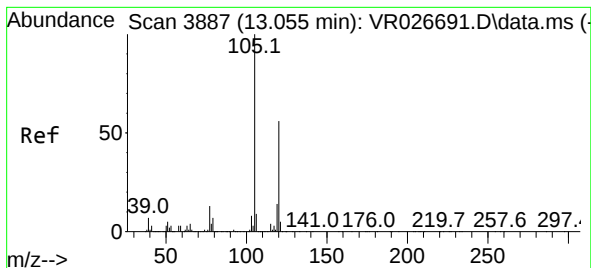
Tgt Ion: 91 Resp: 1672153
Ion Ratio Lower Upper
91 100
120 23.9 11.9 35.9



#78
2-Chlorotoluene
Concen: 49.533 ug/l
RT: 12.994 min Scan# 3868
Delta R.T. 0.003 min
Lab File: VR026701.D
Acq: 4 Aug 2025 17:14

Tgt Ion: 91 Resp: 944418
Ion Ratio Lower Upper
91 100
126 35.4 17.5 52.6





#79

1,3,5-Trimethylbenzene

Concen: 50.286 ug/l

RT: 13.058 min Scan# 3888

Delta R.T. 0.003 min

Lab File: VR026701.D

Acq: 4 Aug 2025 17:14

Instrument :

MSVOA_R

ClientSampleId :

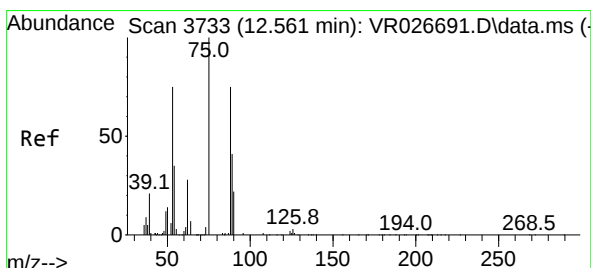
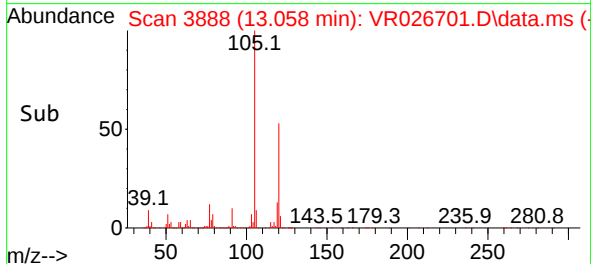
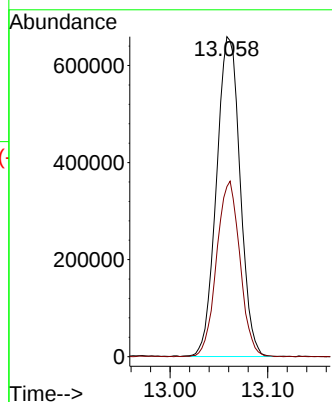
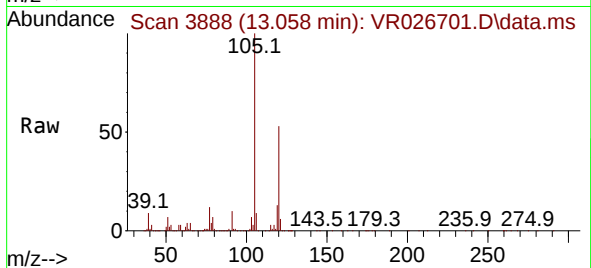
VSTDCCC050EC

Tgt Ion:105 Resp: 1107626

Ion Ratio Lower Upper

105 100

120 54.2 26.6 79.7



#80

trans-1,4-Dichloro-2-butene

Concen: 57.430 ug/l

RT: 12.564 min Scan# 3734

Delta R.T. 0.003 min

Lab File: VR026701.D

Acq: 4 Aug 2025 17:14

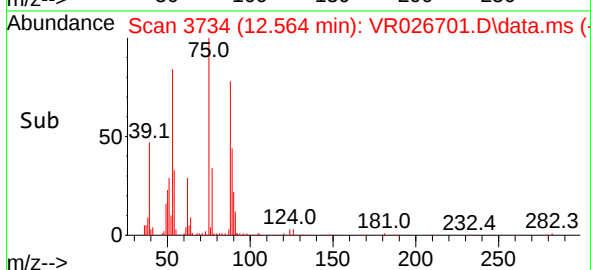
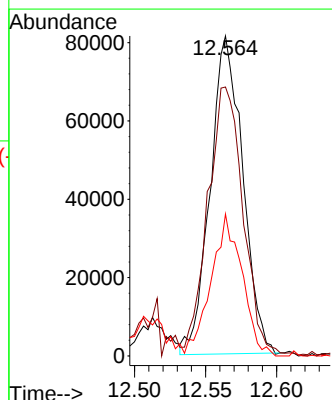
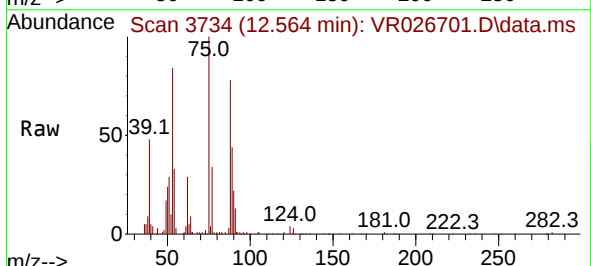
Tgt Ion: 75 Resp: 129169

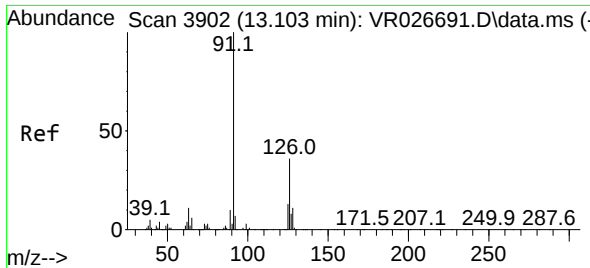
Ion Ratio Lower Upper

75 100

53 91.5 67.8 101.6

89 42.5 34.6 52.0

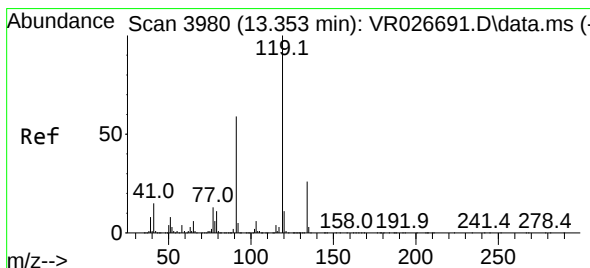
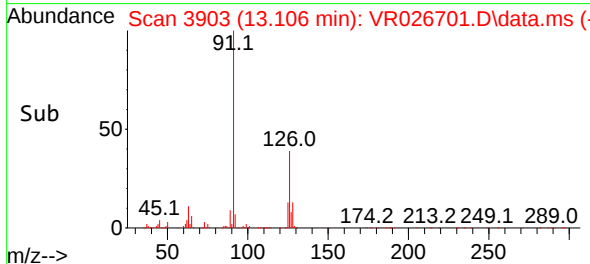
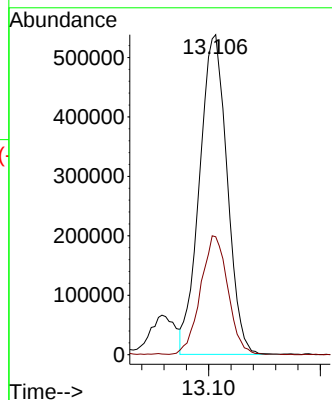
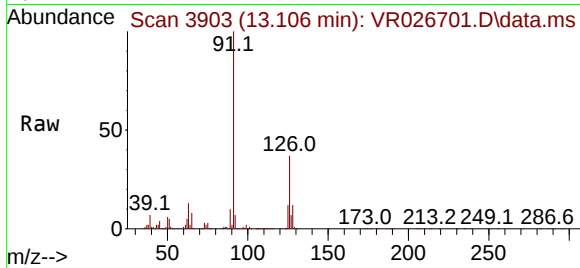




#81
4-Chlorotoluene
Concen: 47.454 ug/l
RT: 13.106 min Scan# 3903
Delta R.T. 0.003 min
Lab File: VR026701.D
Acq: 4 Aug 2025 17:14

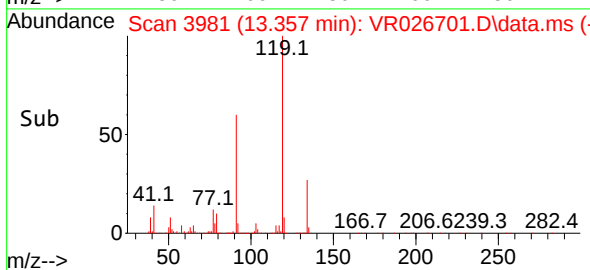
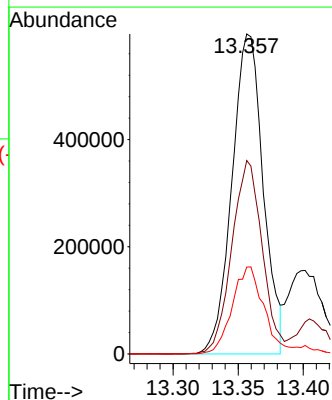
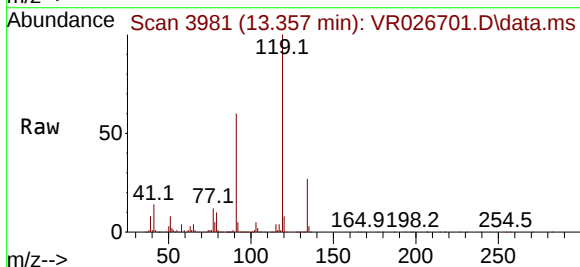
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

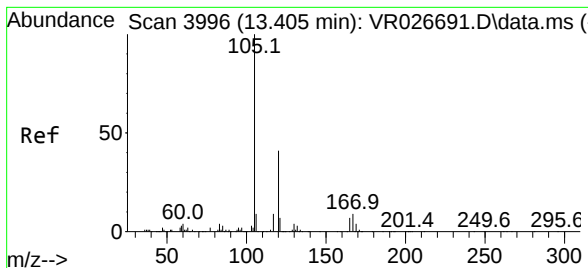
Tgt Ion: 91 Resp: 924285
Ion Ratio Lower Upper
91 100
126 36.6 17.8 53.3



#82
tert-Butylbenzene
Concen: 49.763 ug/l
RT: 13.357 min Scan# 3981
Delta R.T. 0.003 min
Lab File: VR026701.D
Acq: 4 Aug 2025 17:14

Tgt Ion: 119 Resp: 996988
Ion Ratio Lower Upper
119 100
91 59.0 29.9 89.7
134 27.7 13.5 40.4

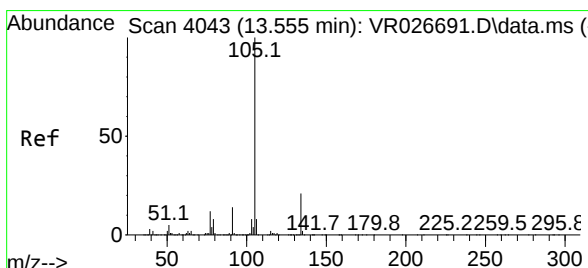
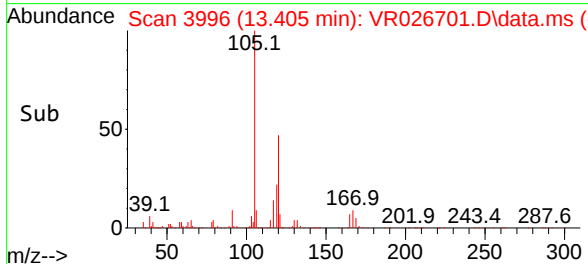
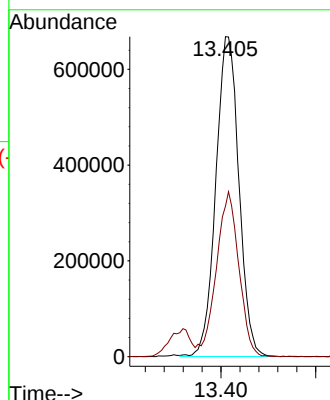
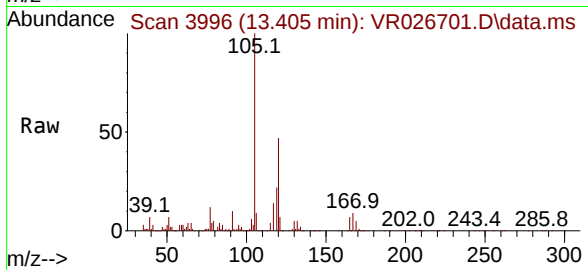




#83
1,2,4-Trimethylbenzene
Concen: 51.770 ug/l
RT: 13.405 min Scan# 3996
Delta R.T. 0.000 min
Lab File: VR026701.D
Acq: 4 Aug 2025 17:14

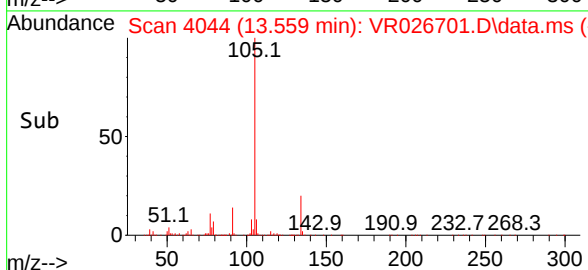
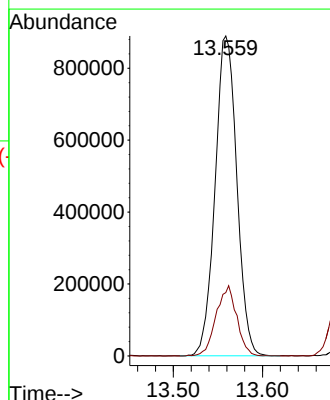
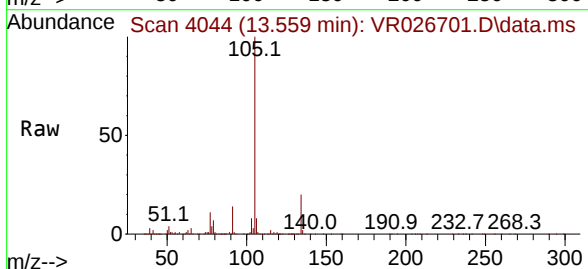
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

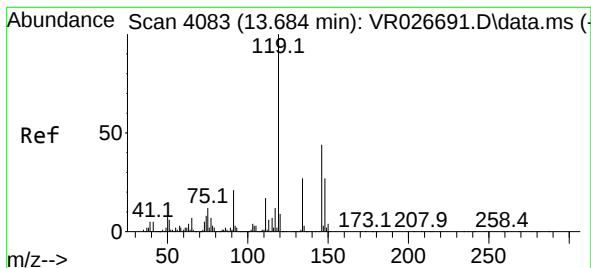
Tgt Ion:105 Resp: 1128762
Ion Ratio Lower Upper
105 100
120 49.5 25.0 75.0



#84
sec-Butylbenzene
Concen: 50.651 ug/l
RT: 13.559 min Scan# 4044
Delta R.T. 0.003 min
Lab File: VR026701.D
Acq: 4 Aug 2025 17:14

Tgt Ion:105 Resp: 1504922
Ion Ratio Lower Upper
105 100
134 20.9 10.4 31.1





#85

p-Isopropyltoluene

Concen: 52.203 ug/l

RT: 13.687 min Scan# 4084

Delta R.T. 0.003 min

Lab File: VR026701.D

Acq: 4 Aug 2025 17:14

Instrument :

MSVOA_R

ClientSampleId :

VSTDCCC050EC

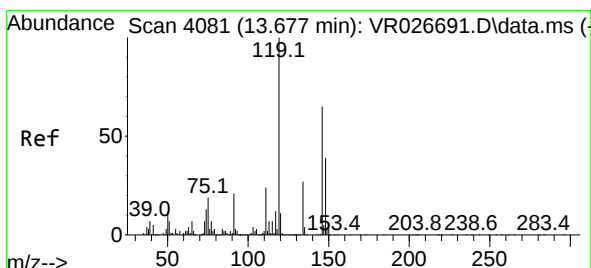
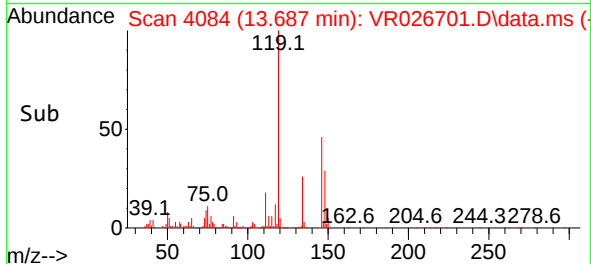
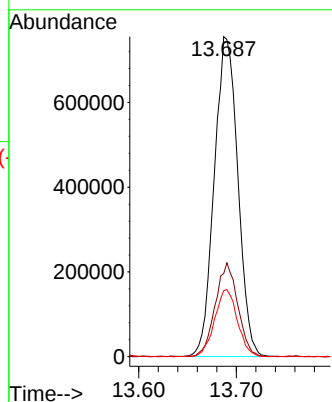
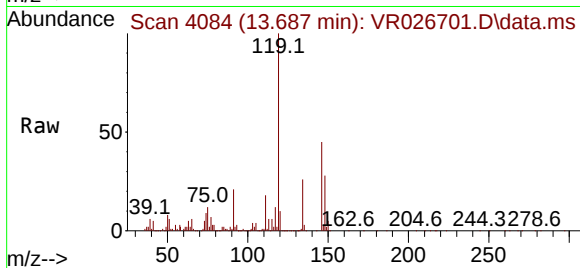
Tgt Ion:119 Resp: 1264663

Ion Ratio Lower Upper

119 100

134 27.9 13.9 41.7

91 20.3 10.4 31.2



#86

1,3-Dichlorobenzene

Concen: 50.168 ug/l

RT: 13.684 min Scan# 4083

Delta R.T. 0.007 min

Lab File: VR026701.D

Acq: 4 Aug 2025 17:14

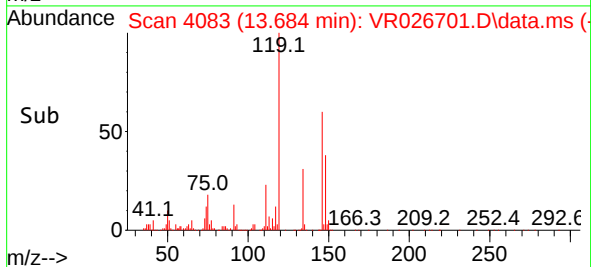
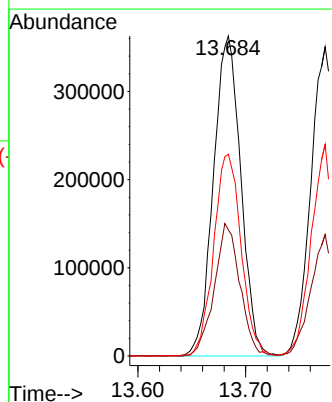
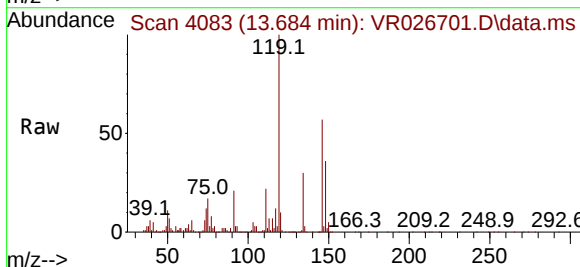
Tgt Ion:146 Resp: 641123

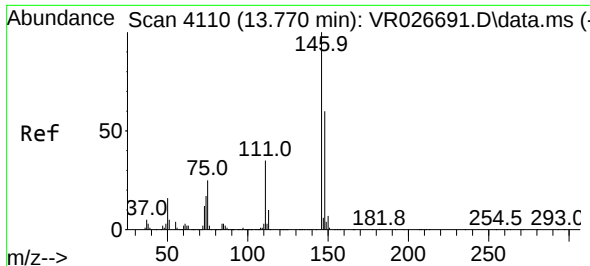
Ion Ratio Lower Upper

146 100

111 38.8 19.4 58.2

148 62.9 31.4 94.3

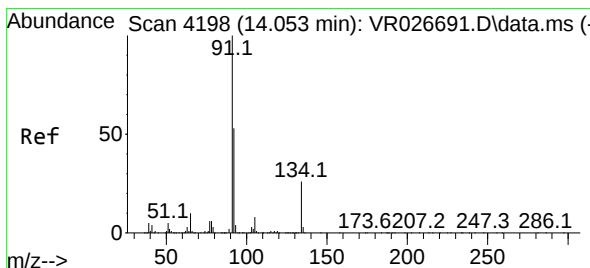
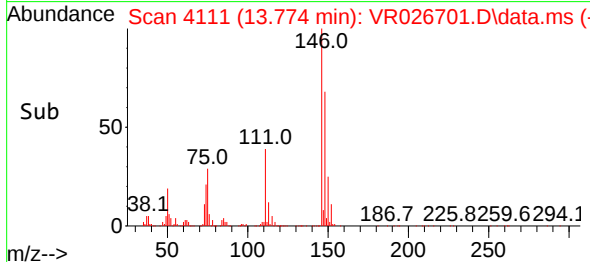
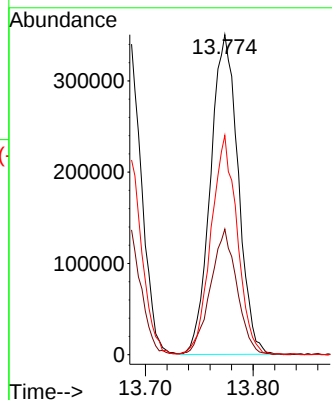
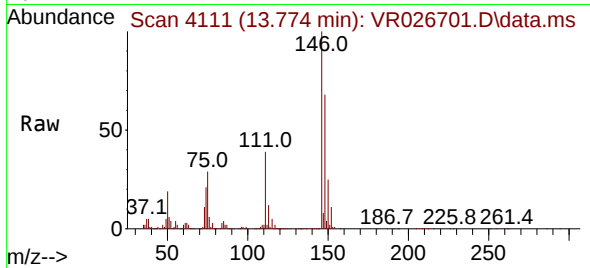




#87
1,4-Dichlorobenzene
Concen: 48.683 ug/l
RT: 13.774 min Scan# 4110
Delta R.T. 0.003 min
Lab File: VR026701.D
Acq: 4 Aug 2025 17:14

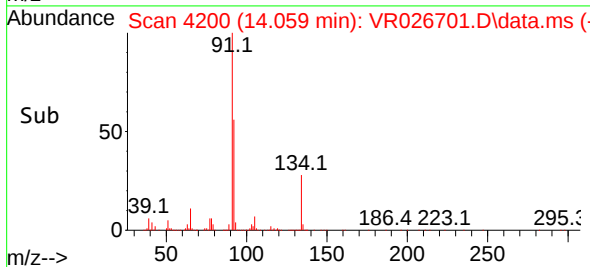
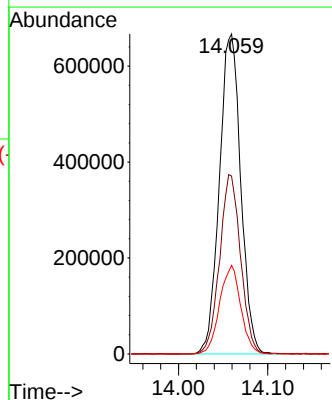
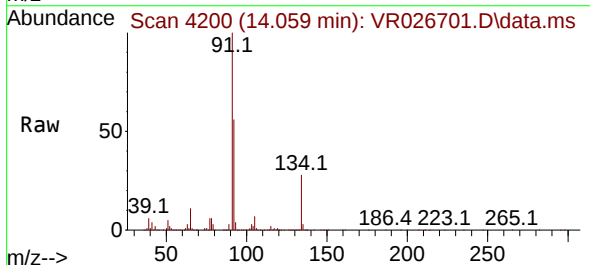
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

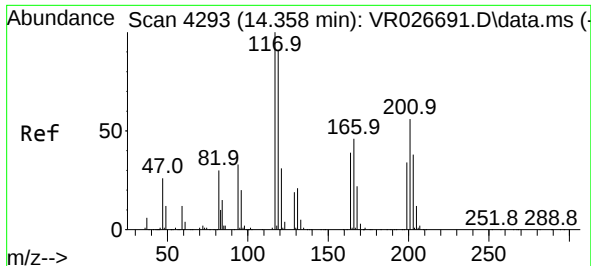
Tgt Ion:146 Resp: 624459
Ion Ratio Lower Upper
146 100
111 37.7 19.1 57.3
148 64.4 32.6 97.8



#88
n-Butylbenzene
Concen: 49.745 ug/l
RT: 14.059 min Scan# 4200
Delta R.T. 0.007 min
Lab File: VR026701.D
Acq: 4 Aug 2025 17:14

Tgt Ion: 91 Resp: 1110715
Ion Ratio Lower Upper
91 100
92 55.0 27.1 81.2
134 27.3 13.1 39.3

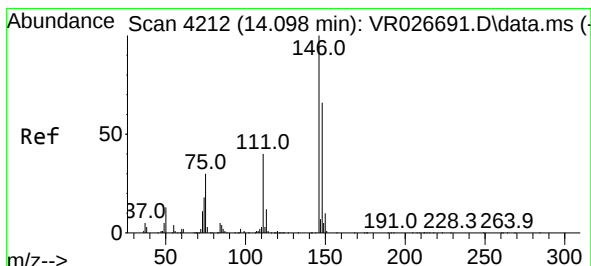
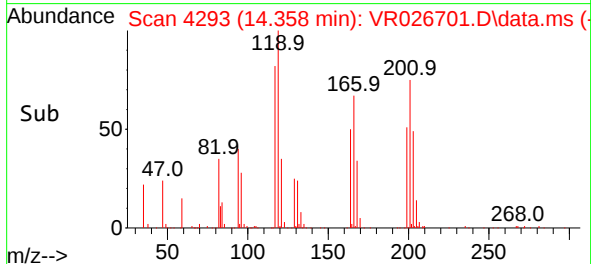
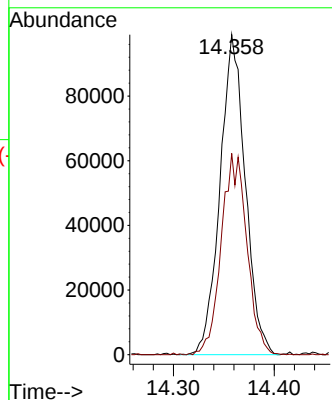
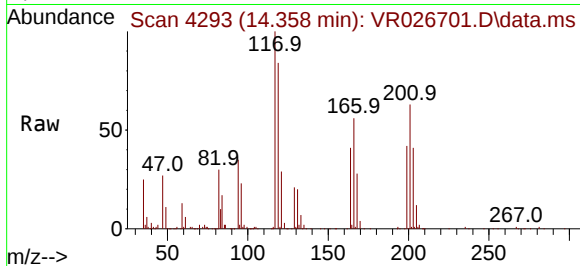




#89
Hexachloroethane
Concen: 49.582 ug/l
RT: 14.358 min Scan# 41
Delta R.T. 0.000 min
Lab File: VR026701.D
Acq: 4 Aug 2025 17:14

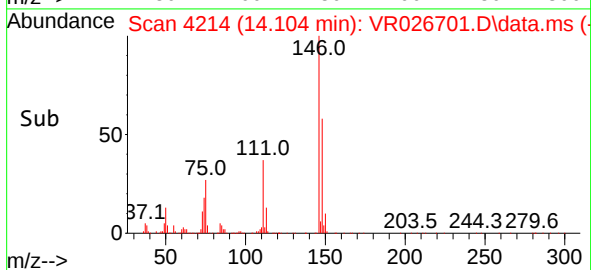
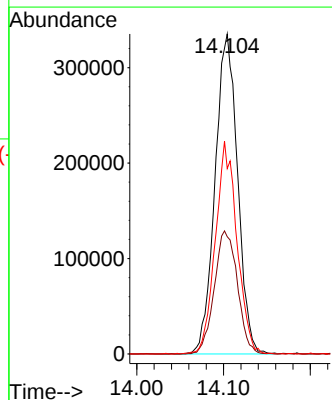
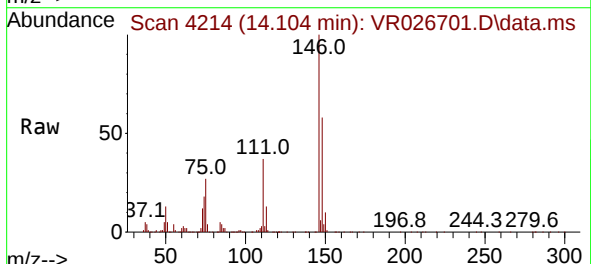
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

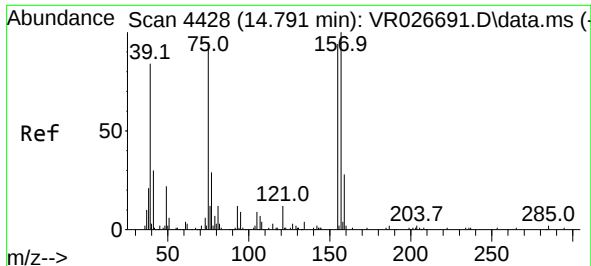
Tgt Ion:117 Resp: 172486
Ion Ratio Lower Upper
117 100
201 63.5 30.6 92.0



#90
1,2-Dichlorobenzene
Concen: 50.294 ug/l
RT: 14.104 min Scan# 4214
Delta R.T. 0.007 min
Lab File: VR026701.D
Acq: 4 Aug 2025 17:14

Tgt Ion:146 Resp: 603673
Ion Ratio Lower Upper
146 100
111 39.5 20.0 60.0
148 63.8 32.4 97.0

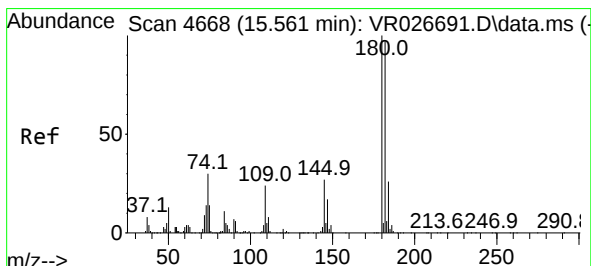
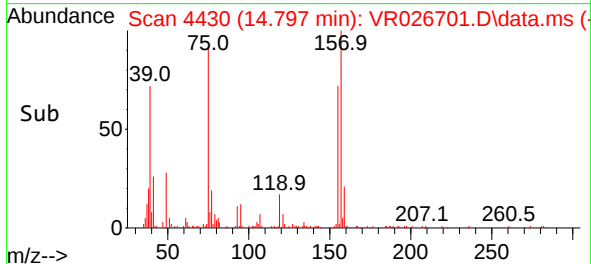
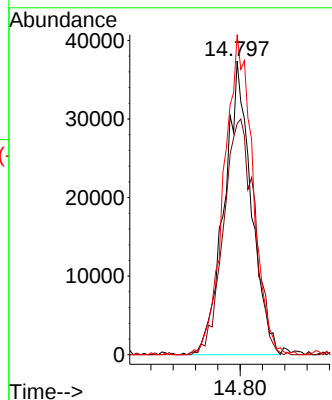
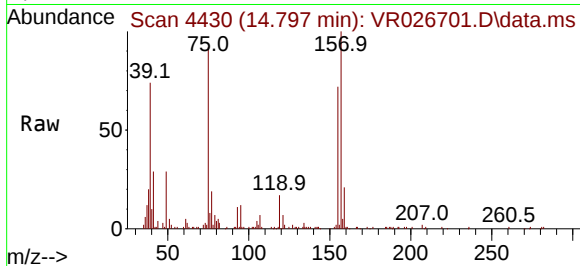




#91
 1,2-Dibromo-3-Chloropropane
 Concen: 57.182 ug/l
 RT: 14.797 min Scan# 4428
 Delta R.T. 0.007 min
 Lab File: VR026701.D
 Acq: 4 Aug 2025 17:14

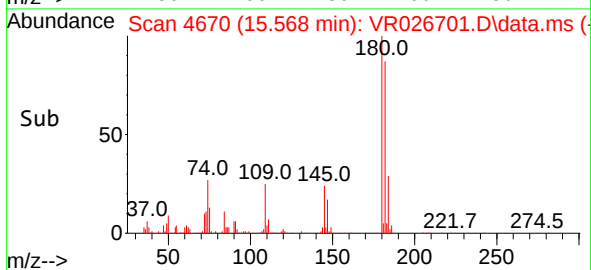
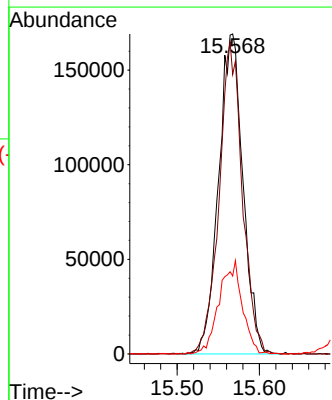
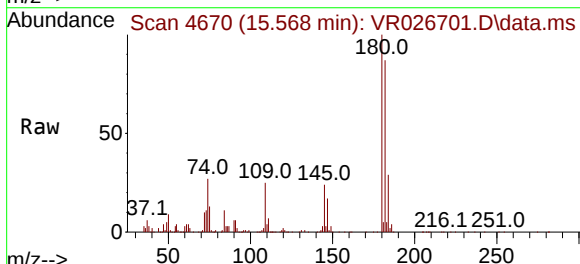
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDCCC050EC

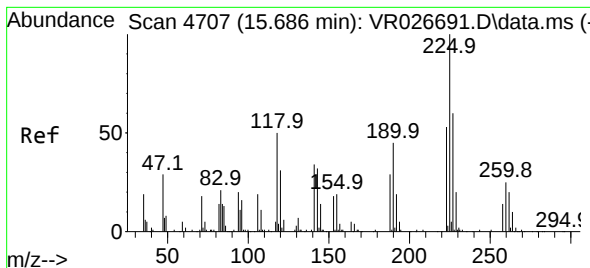
Tgt Ion: 75 Resp: 62929
 Ion Ratio Lower Upper
 75 100
 155 91.8 48.0 144.2
 157 115.6 59.5 178.4



#92
 1,2,4-Trichlorobenzene
 Concen: 48.634 ug/l
 RT: 15.568 min Scan# 4670
 Delta R.T. 0.007 min
 Lab File: VR026701.D
 Acq: 4 Aug 2025 17:14

Tgt Ion: 180 Resp: 349053
 Ion Ratio Lower Upper
 180 100
 182 92.8 47.0 141.0
 145 27.5 15.2 45.5





#93

Hexachlorobutadiene

Concen: 45.206 ug/l

RT: 15.689 min Scan# 41

Delta R.T. 0.003 min

Lab File: VR026701.D

Acq: 4 Aug 2025 17:14

Instrument :

MSVOA_R

ClientSampleId :

VSTDCCC050EC

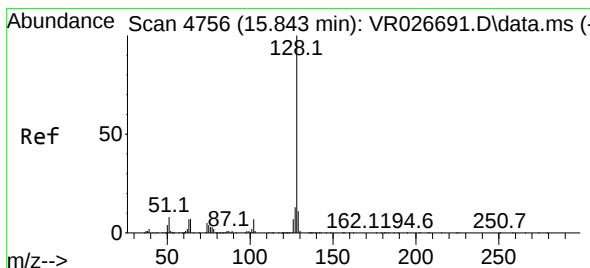
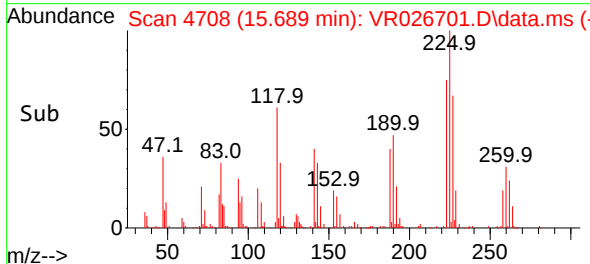
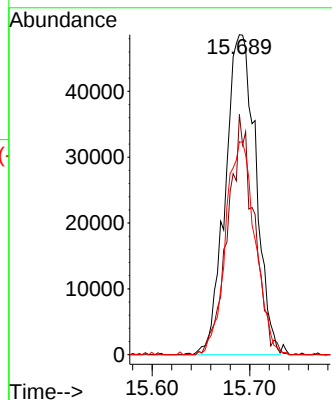
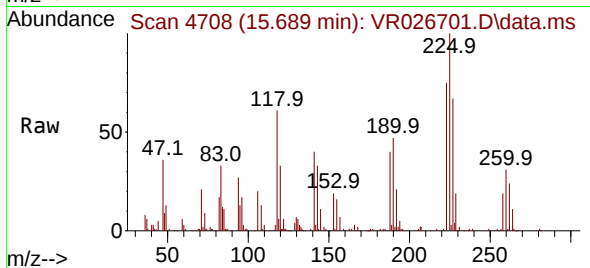
Tgt Ion:225 Resp: 105418

Ion Ratio Lower Upper

225 100

223 64.7 31.4 94.2

227 64.5 31.6 95.0



#94

Naphthalene

Concen: 51.519 ug/l

RT: 15.847 min Scan# 4757

Delta R.T. 0.003 min

Lab File: VR026701.D

Acq: 4 Aug 2025 17:14

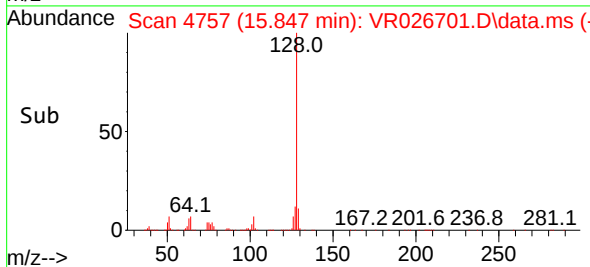
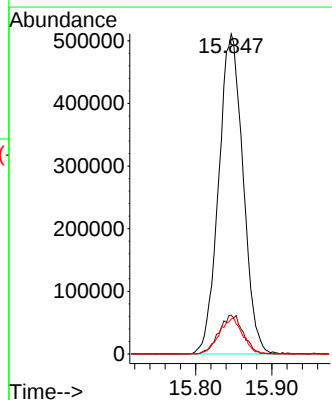
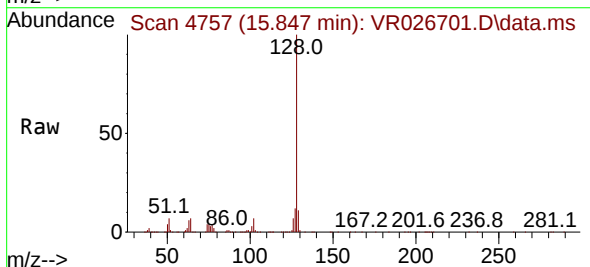
Tgt Ion:128 Resp: 1133104

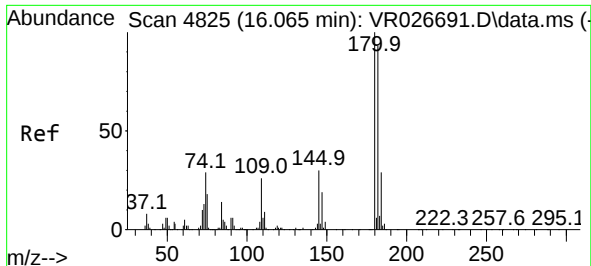
Ion Ratio Lower Upper

128 100

127 12.1 9.8 14.8

129 10.8 8.6 13.0





#95

1,2,3-Trichlorobenzene

Concen: 49.918 ug/l

RT: 16.071 min Scan# 41

Delta R.T. 0.007 min

Lab File: VR026701.D

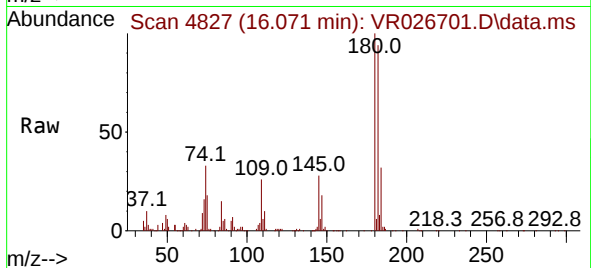
Acq: 4 Aug 2025 17:14

Instrument :

MSVOA_R

ClientSampleId :

VSTDCCC050EC



Tgt Ion:180 Resp: 340133

Ion	Ratio	Lower	Upper
180	100		
182	94.2	47.2	141.6
145	30.6	15.5	46.5

