

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR081125\
 Data File : VR026739.D
 Acq On : 11 Aug 2025 15:07
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5mL/MSVOA_R/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 12 02:49:24 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	7.304	168	363751	50.000	ug/l	0.00
33) 1,4-Difluorobenzene	8.335	114	623791	50.000	ug/l	0.00
62) Chlorobenzene-d5	11.540	117	512359	50.000	ug/l	0.00
71) 1,4-Dichlorobenzene-d4	13.748	152	260796	50.000	ug/l	0.00
System Monitoring Compounds						
32) 1,2-Dichloroethane-d4	7.693	65	205044	44.537	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.080%
34) Dibromofluoromethane	7.205	113	174978	45.352	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.700%
49) Toluene-d8	10.038	98	719328	52.040	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.080%
61) 4-Bromofluorobenzene	12.679	95	206697	52.575	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	105.140%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.663	85	92499	34.891	ug/l	98
3) Chloromethane	1.846	50	155642	39.495	ug/l	97
4) Vinyl Chloride	1.962	62	194039	48.184	ug/l	100
5) Bromomethane	2.299	94	107984	55.030	ug/l	99
6) Chloroethane	2.424	64	130384	50.285	ug/l	100
7) Trichlorofluoromethane	2.713	101	469948	64.746	ug/l	98
8) Diethyl Ether	3.082	74	128216	39.813	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.383	101	160684	41.037	ug/l	97
10) Methyl Iodide	3.550	142	149537	39.571	ug/l	97
11) Tert butyl alcohol	4.330	59	149890	208.090	ug/l	96
12) 1,1-Dichloroethene	3.358	96	151775	39.225	ug/l	98
13) Acrolein	3.248	56	154236	146.480	ug/l	97
14) Allyl chloride	3.890	41	291403	38.280	ug/l	93
15) Acrylonitrile	4.484	53	707387	247.397	ug/l	96
16) Acetone	3.444	43	589698	272.909	ug/l	91
17) Carbon Disulfide	3.646	76	187430	32.723	ug/l	99
18) Methyl Acetate	3.900	43	504307	55.919	ug/l	96
19) Methyl tert-butyl Ether	4.558	73	615383	39.740	ug/l	97
20) Methylene Chloride	4.086	84	207570	40.479	ug/l	96
21) trans-1,2-Dichloroethene	4.542	96	171605	40.343	ug/l	87
22) Diisopropyl ether	5.466	45	776562	43.533	ug/l #	93
23) Vinyl Acetate	5.395	43	2411531	237.095	ug/l #	93
24) 1,1-Dichloroethane	5.341	63	358659	39.702	ug/l	97
25) 2-Butanone	6.377	43	949287	283.839	ug/l	92
26) 2,2-Dichloropropane	6.355	77	227785m	36.475	ug/l	
27) cis-1,2-Dichloroethene	6.355	96	234180	42.792	ug/l	97
28) Bromochloromethane	6.746	49	138189	42.451	ug/l	100
29) Chloroform	6.958	83	348045	44.477	ug/l	98
30) Cyclohexane	7.279	56	272543	37.358	ug/l	98
31) 1,1,1-Trichloroethane	7.183	97	243590	43.093	ug/l	96
35) 1,1-Dichloropropene	7.436	75	223631	45.946	ug/l	98
36) Ethyl Acetate	6.489	43	291489	50.024	ug/l #	88
37) Carbon Tetrachloride	7.410	117	186890	47.146	ug/l	92
38) Methylcyclohexane	8.890	83	253767	45.548	ug/l	98
39) Benzene	7.709	78	826411	47.148	ug/l	98
40) Methacrylonitrile	6.724	41	192258	53.092	ug/l #	89

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) 1,2-Dichloroethane	7.799	62	214100	48.023	ug/l	99
42) Isopropyl Acetate	7.872	43	470363	50.202	ug/l #	92
43) Trichloroethene	8.607	130	166822	49.490	ug/l	82
44) 1,2-Dichloropropane	8.922	63	197029	47.501	ug/l	99
45) Dibromomethane	9.024	93	119802	51.934	ug/l	94
46) Bromodichloromethane	9.249	83	236437	52.899	ug/l #	97
47) Methyl methacrylate	9.037	41	233433	56.925	ug/l	97
48) 1,4-Dioxane	9.031	88	83337	1261.621	ug/l	93
50) 4-Methyl-2-Pentanone	9.923	43	1623181	331.833	ug/l	96
51) Toluene	10.109	92	474208	52.997	ug/l	100
52) t-1,3-Dichloropropene	10.369	75	217162	49.571	ug/l	97
53) cis-1,3-Dichloropropene	9.750	75	268248	51.049	ug/l #	95
54) 1,1,2-Trichloroethane	10.571	97	187013	57.230	ug/l	92
55) Ethyl methacrylate	10.436	69	309087	57.276	ug/l	97
56) 1,3-Dichloropropane	10.735	76	310958	55.867	ug/l	99
57) 2-Chloroethyl Vinyl ether	9.596	63	131705	441.637	ug/l	98
58) 2-Hexanone	10.802	43	1142159	346.360	ug/l	98
59) Dibromochloromethane	10.956	129	172562	62.398	ug/l	97
60) 1,2-Dibromoethane	11.078	107	163546	58.151	ug/l	100
63) Tetrachloroethene	10.655	164	135257	48.324	ug/l	95
64) Chlorobenzene	11.572	112	523928	49.135	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.659	131	152445	52.343	ug/l	96
66) Ethyl Benzene	11.662	91	873129	49.040	ug/l	98
67) m/p-Xylenes	11.791	106	705029	99.115	ug/l	100
68) o-Xylene	12.163	106	348672	50.496	ug/l	97
69) Styrene	12.179	104	602637	52.227	ug/l	98
70) Bromoform	12.359	173	101106	61.340	ug/l #	97
72) Isopropylbenzene	12.509	105	845598	45.491	ug/l	98
73) N-amyl acetate	12.304	43	357549	48.513	ug/l	99
74) 1,1,2,2-Tetrachloroethane	12.792	83	283863	52.049	ug/l	98
75) 1,2,3-Trichloropropane	12.849	75	202097m	46.750	ug/l	
76) Bromobenzene	12.817	156	199623	46.405	ug/l	95
77) n-propylbenzene	12.894	91	1023728	46.162	ug/l	98
78) 2-Chlorotoluene	12.991	91	565825	44.970	ug/l	98
79) 1,3,5-Trimethylbenzene	13.055	105	667229	45.903	ug/l	98
80) trans-1,4-Dichloro-2-b...	12.561	75	73771	49.702	ug/l	94
81) 4-Chlorotoluene	13.103	91	566354	44.062	ug/l	98
82) tert-Butylbenzene	13.353	119	621777	47.028	ug/l	96
83) 1,2,4-Trimethylbenzene	13.401	105	675516	46.948	ug/l	98
84) sec-Butylbenzene	13.555	105	945004	48.196	ug/l	100
85) p-Isopropyltoluene	13.687	119	793883	49.658	ug/l	99
86) 1,3-Dichlorobenzene	13.681	146	411701	48.817	ug/l	98
87) 1,4-Dichlorobenzene	13.767	146	409745	48.406	ug/l	96
88) n-Butylbenzene	14.053	91	691625	46.938	ug/l	99
89) Hexachloroethane	14.354	117	106105	46.219	ug/l	91
90) 1,2-Dichlorobenzene	14.098	146	387204	48.884	ug/l	99
91) 1,2-Dibromo-3-Chloropr...	14.797	75	37444	51.559	ug/l	90
92) 1,2,4-Trichlorobenzene	15.561	180	228637	48.273	ug/l	99
93) Hexachlorobutadiene	15.693	225	76130m	49.471	ug/l	
94) Naphthalene	15.843	128	730441	50.326	ug/l	99
95) 1,2,3-Trichlorobenzene	16.062	180	231848	51.561	ug/l	98

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

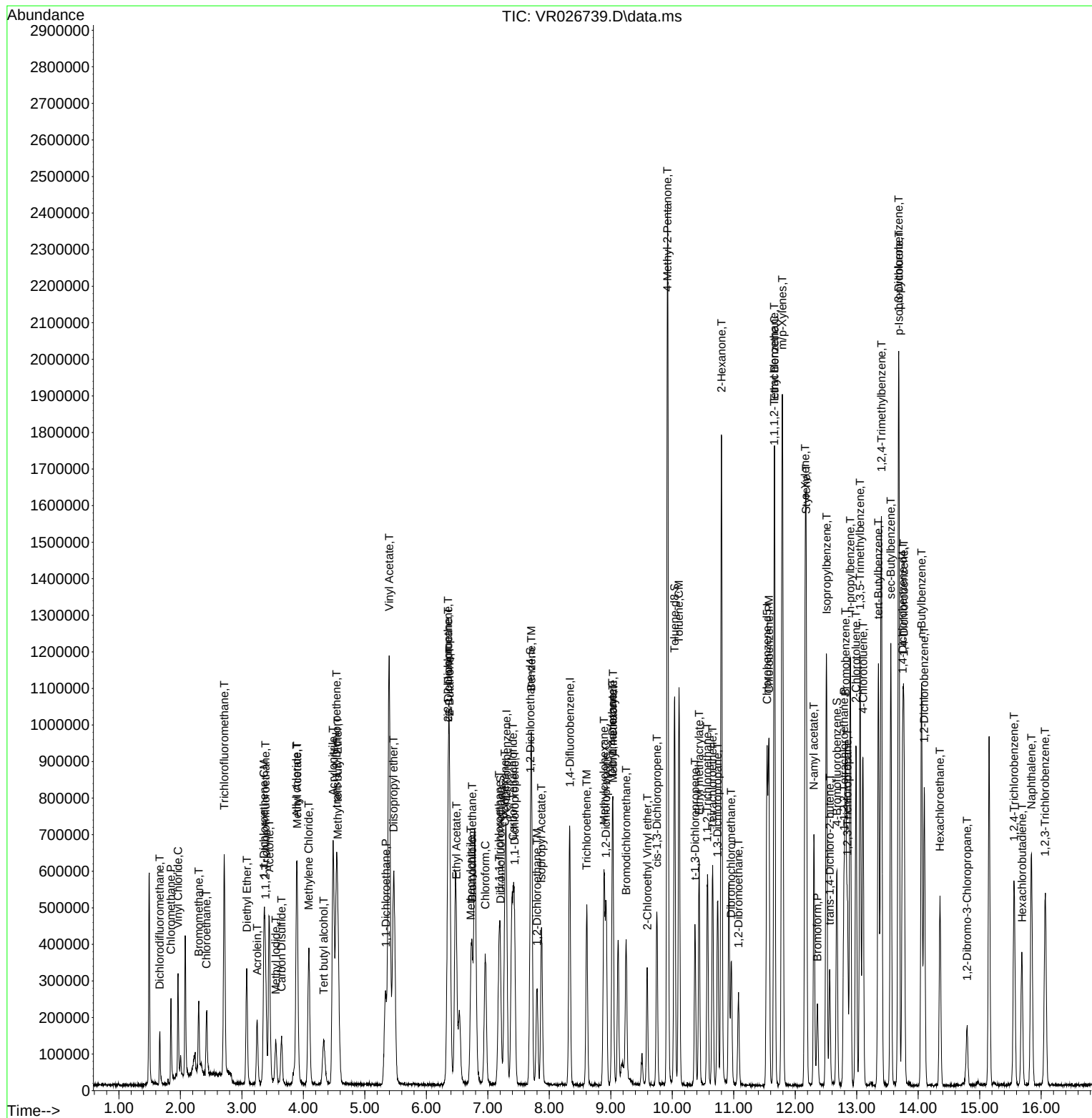
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

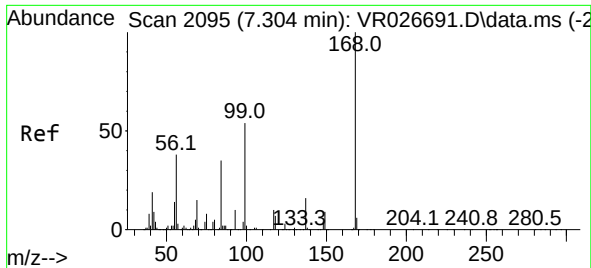
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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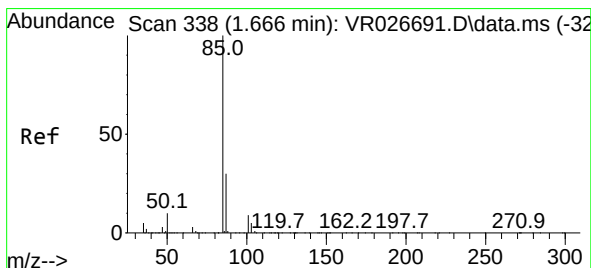
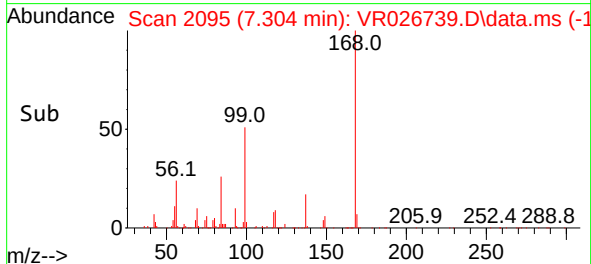
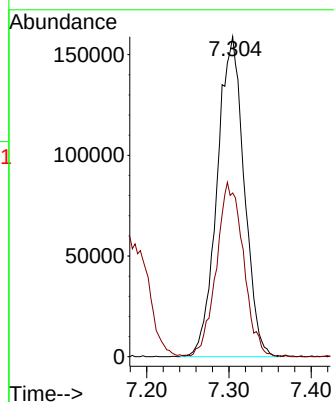
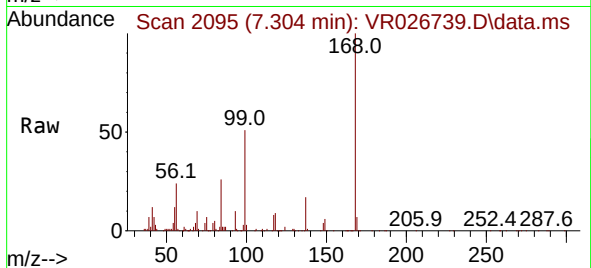




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.304 min Scan# 2095
Delta R.T. 0.000 min
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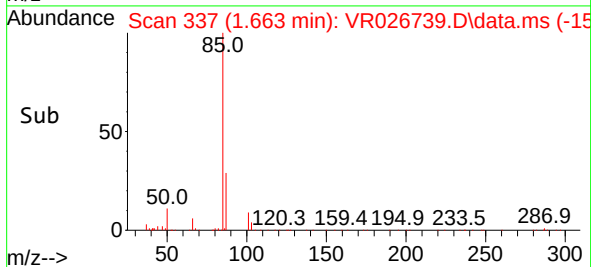
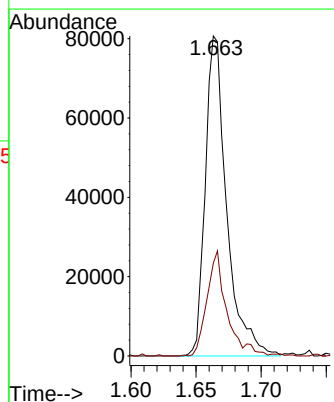
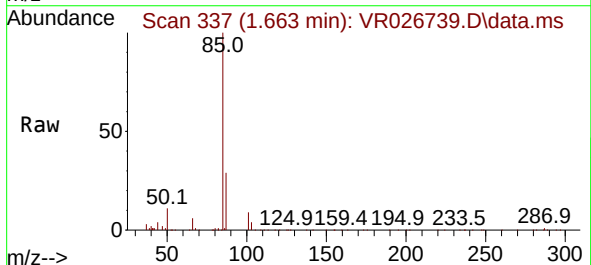
Instrument :
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ClientSampleId :
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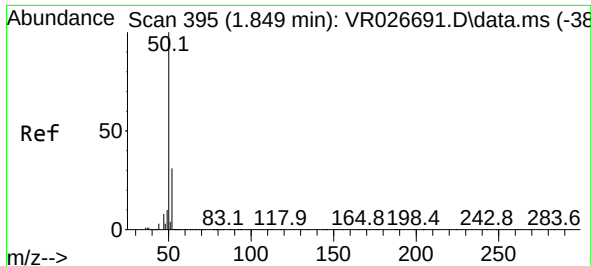
Tgt Ion:168 Resp: 363751
Ion Ratio Lower Upper
168 100
99 50.8 43.8 65.8



#2
Dichlorodifluoromethane
Concen: 34.891 ug/l
RT: 1.663 min Scan# 337
Delta R.T. -0.003 min
Lab File: VR026739.D
Acq: 11 Aug 2025 15:07

Tgt Ion: 85 Resp: 92499
Ion Ratio Lower Upper
85 100
87 29.0 15.2 45.5

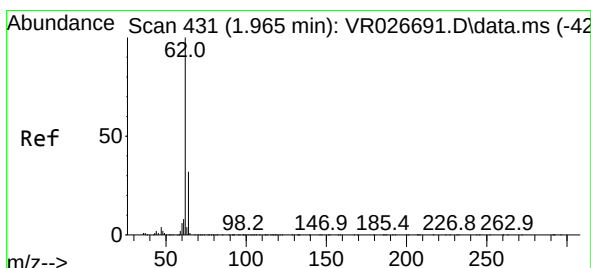
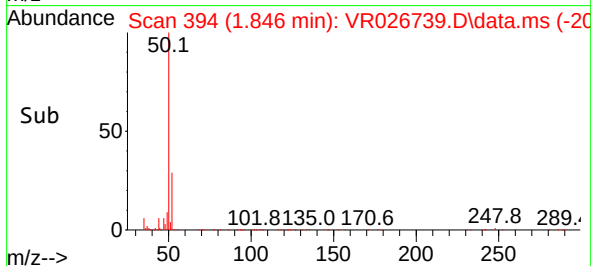
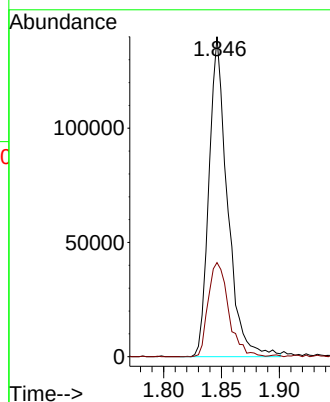
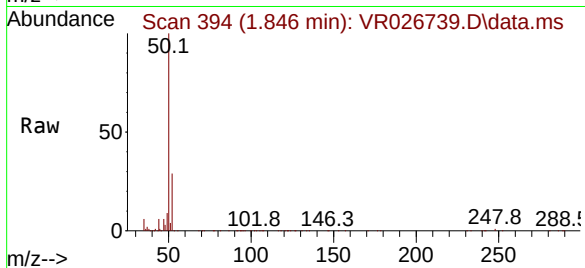




#3
Chloromethane
Concen: 39.495 ug/l
RT: 1.846 min Scan# 394
Delta R.T. -0.003 min
Lab File: VR026739.D
Acq: 11 Aug 2025 15:07

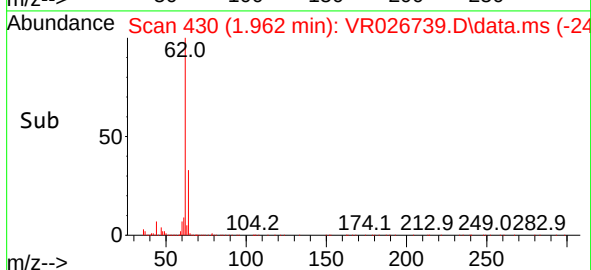
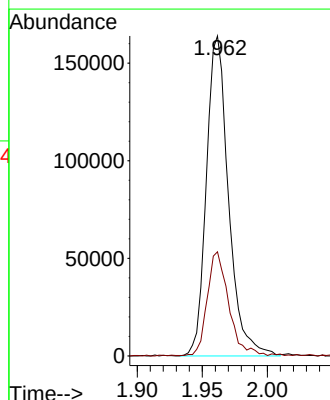
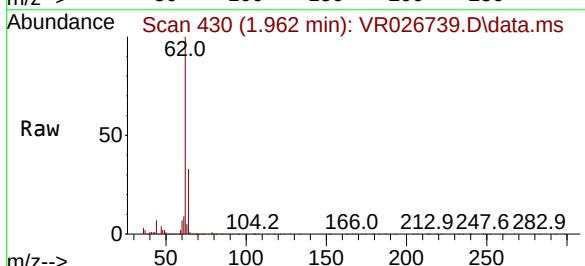
Instrument :
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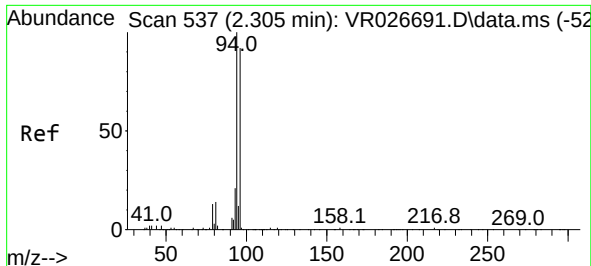
Tgt Ion: 50 Resp: 155642
Ion Ratio Lower Upper
50 100
52 29.4 25.0 37.4



#4
Vinyl Chloride
Concen: 48.184 ug/l
RT: 1.962 min Scan# 430
Delta R.T. -0.003 min
Lab File: VR026739.D
Acq: 11 Aug 2025 15:07

Tgt Ion: 62 Resp: 194039
Ion Ratio Lower Upper
62 100
64 32.4 25.9 38.9

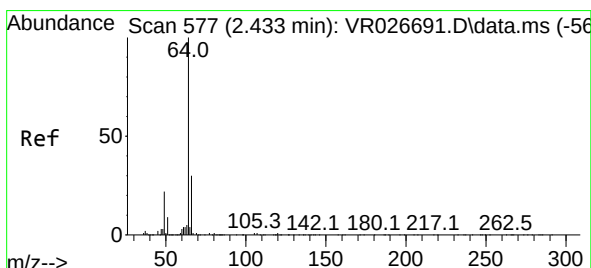
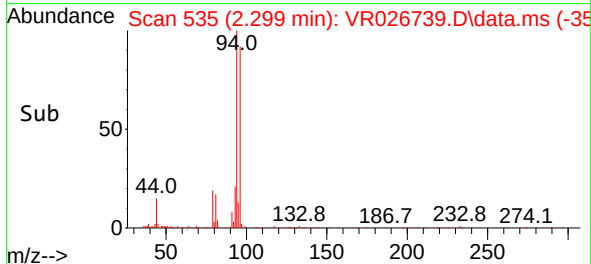
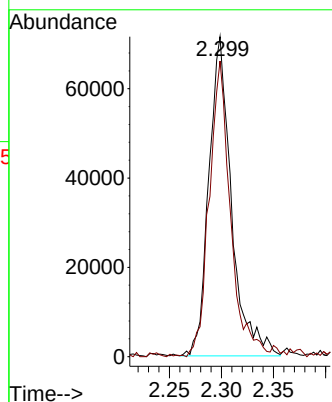
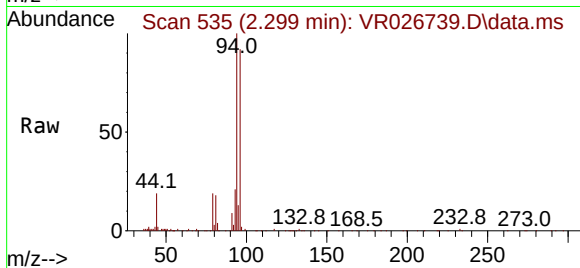




#5
Bromomethane
Concen: 55.030 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.006 min
Lab File: VR026739.D
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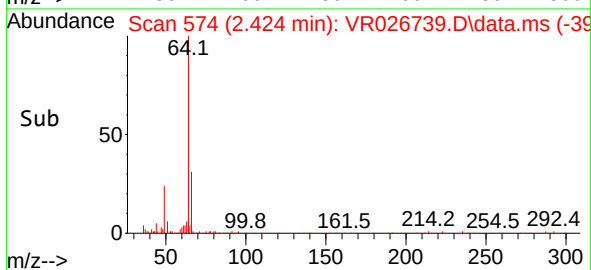
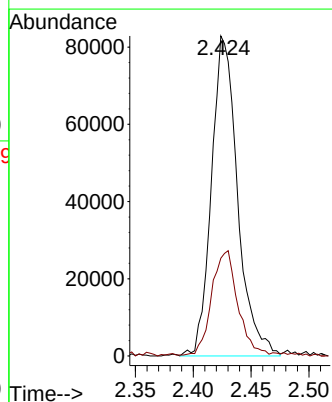
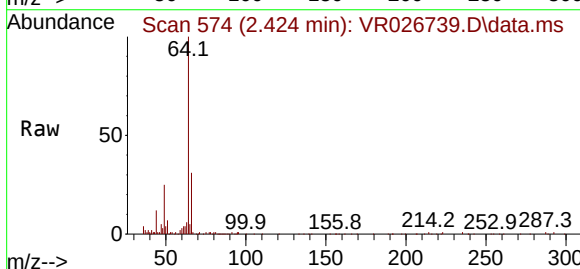
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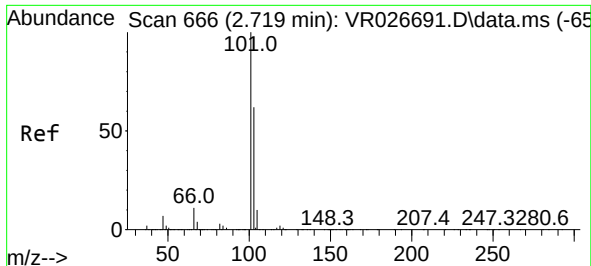
Tgt Ion: 94 Resp: 107984
Ion Ratio Lower Upper
94 100
96 92.3 73.3 109.9



#6
Chloroethane
Concen: 50.285 ug/l
RT: 2.424 min Scan# 574
Delta R.T. -0.010 min
Lab File: VR026739.D
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Tgt Ion: 64 Resp: 130384
Ion Ratio Lower Upper
64 100
66 30.3 24.3 36.5

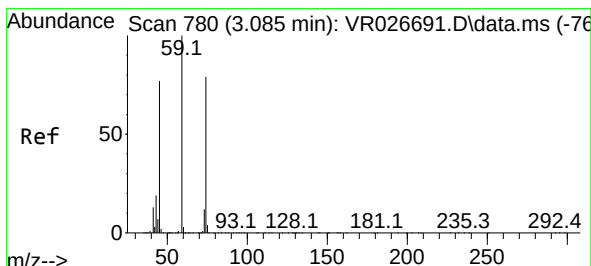
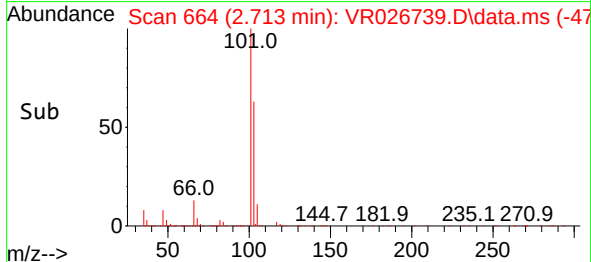
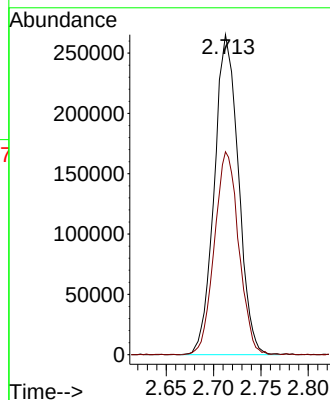
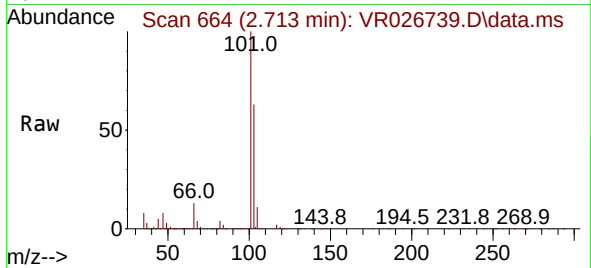




#7
Trichlorofluoromethane
Concen: 64.746 ug/l
RT: 2.713 min Scan# 609
Delta R.T. -0.006 min
Lab File: VR026739.D
Acq: 11 Aug 2025 15:07

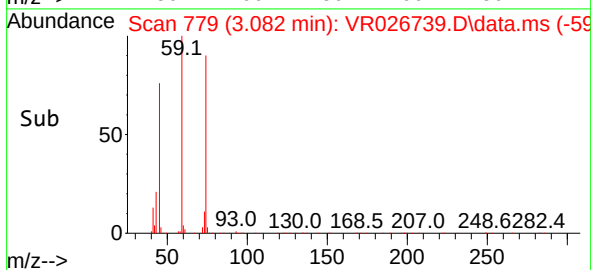
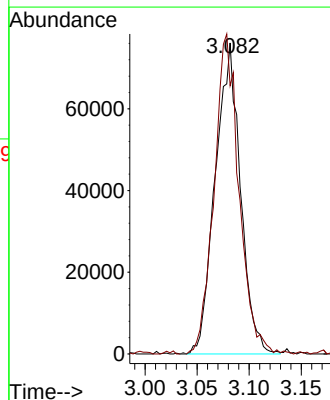
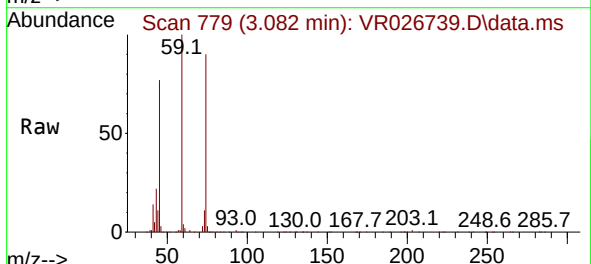
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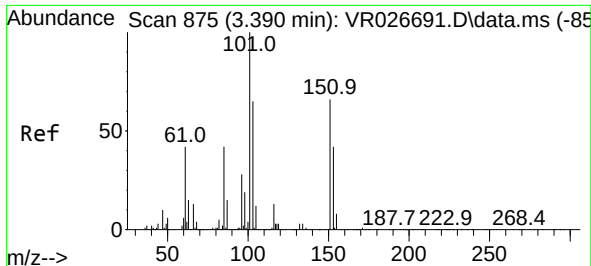
Tgt Ion:101 Resp: 469948
Ion Ratio Lower Upper
101 100
103 63.4 49.4 74.2



#8
Diethyl Ether
Concen: 39.813 ug/l
RT: 3.082 min Scan# 779
Delta R.T. -0.003 min
Lab File: VR026739.D
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Tgt Ion: 74 Resp: 128216
Ion Ratio Lower Upper
74 100
45 101.6 47.1 141.3

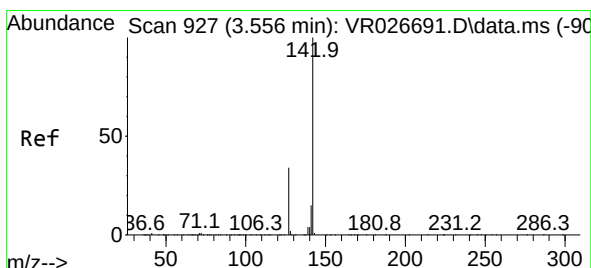
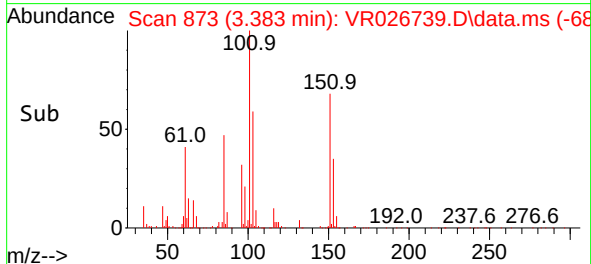
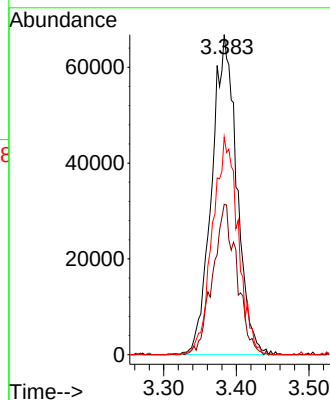
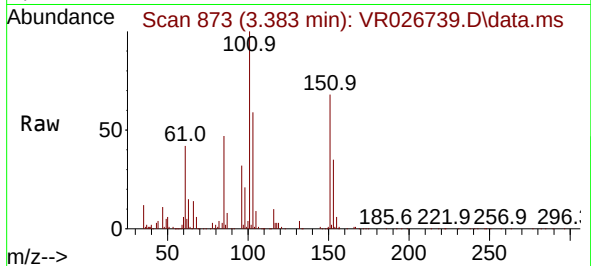




#9
1,1,2-Trichlorotrifluoroethane
Concen: 41.037 ug/l
RT: 3.383 min Scan# 81
Delta R.T. -0.006 min
Lab File: VR026739.D
Acq: 11 Aug 2025 15:07

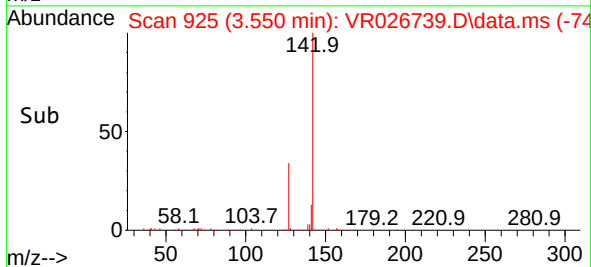
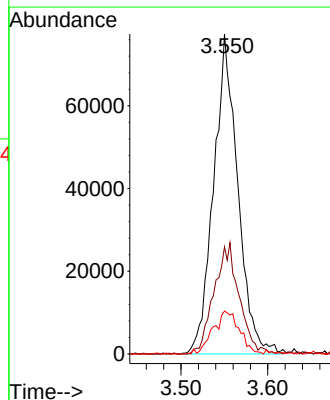
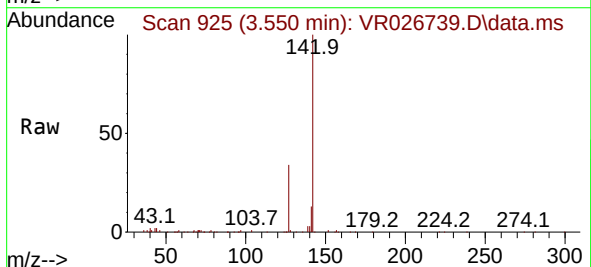
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

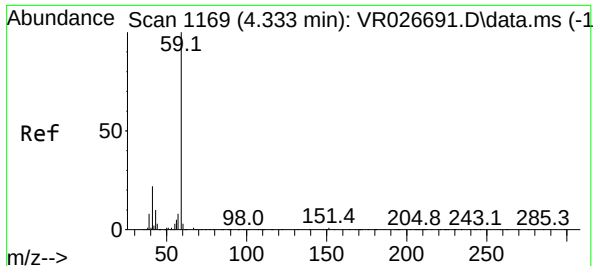
Tgt Ion:101 Resp: 160684
Ion Ratio Lower Upper
101 100
85 45.3 34.5 51.7
151 69.1 53.4 80.0



#10
Methyl Iodide
Concen: 39.571 ug/l
RT: 3.550 min Scan# 925
Delta R.T. -0.006 min
Lab File: VR026739.D
Acq: 11 Aug 2025 15:07

Tgt Ion:142 Resp: 149537
Ion Ratio Lower Upper
142 100
127 36.2 30.1 45.1
141 14.7 10.8 16.2





#11

Tert butyl alcohol

Concen: 208.090 ug/l

RT: 4.330 min Scan# 1169

Delta R.T. -0.003 min

Lab File: VR026739.D

Acq: 11 Aug 2025 15:07

Instrument :

MSVOA_R

ClientSampleId :

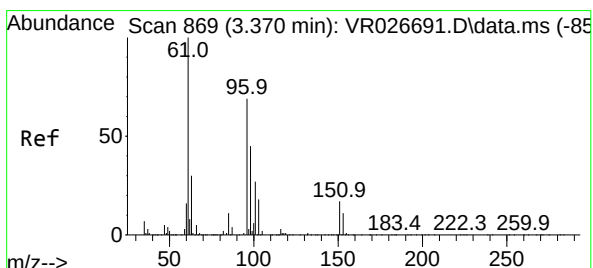
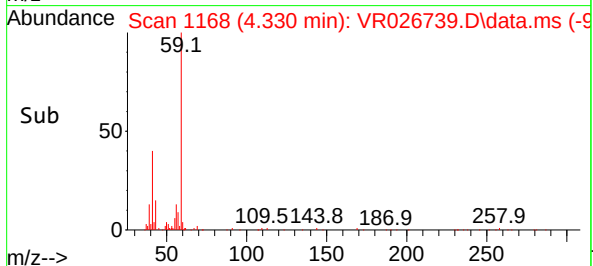
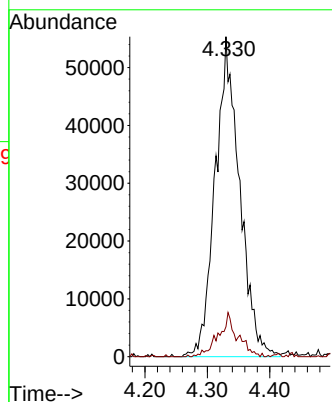
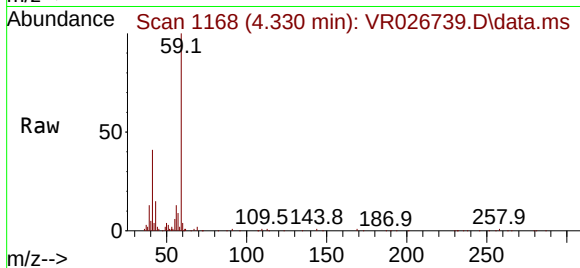
VSTDCCC050EC

Tgt Ion: 59 Resp: 149890

Ion Ratio Lower Upper

59 100

57 8.1 7.7 11.5



#12

1,1-Dichloroethene

Concen: 39.225 ug/l

RT: 3.358 min Scan# 865

Delta R.T. -0.013 min

Lab File: VR026739.D

Acq: 11 Aug 2025 15:07

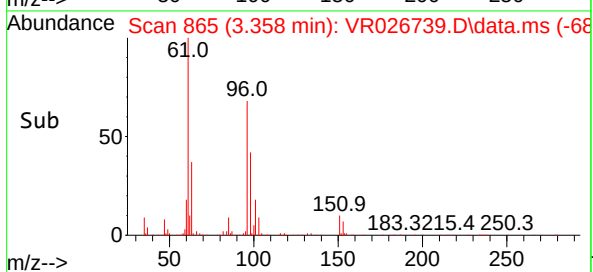
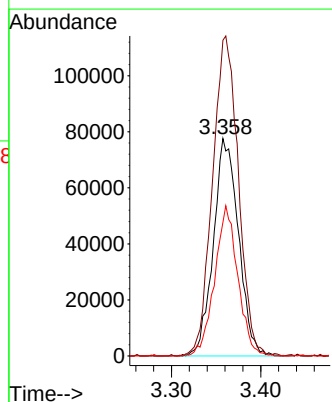
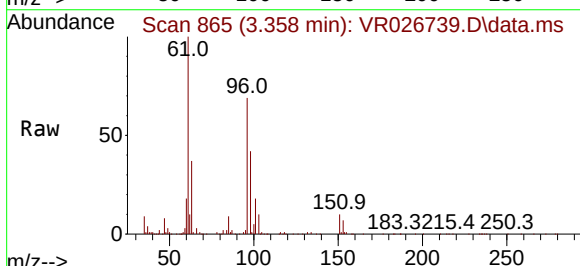
Tgt Ion: 96 Resp: 151775

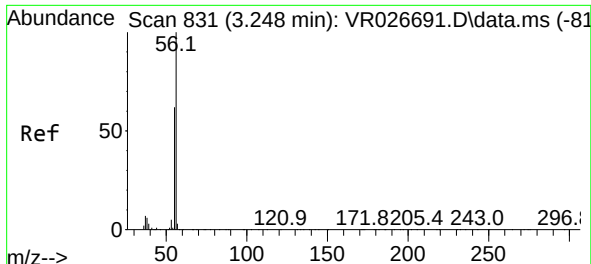
Ion Ratio Lower Upper

96 100

61 144.8 116.2 174.4

98 61.4 52.3 78.5

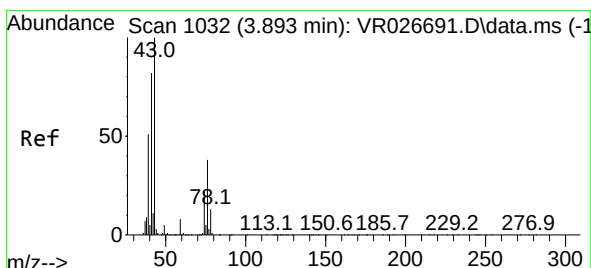
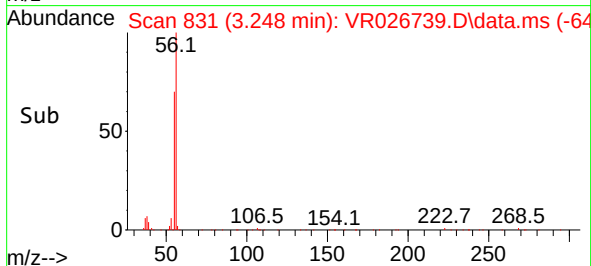
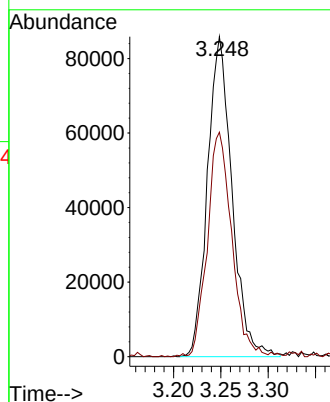
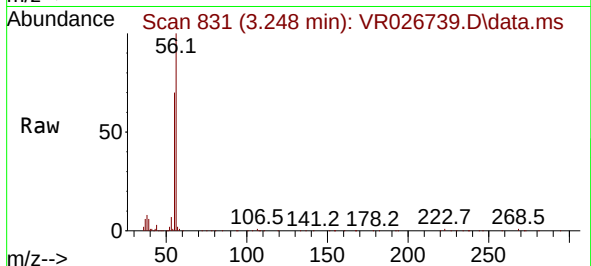




#13
Acrolein
Concen: 146.480 ug/l
RT: 3.248 min Scan# 831
Delta R.T. 0.000 min
Lab File: VR026739.D
Acq: 11 Aug 2025 15:07

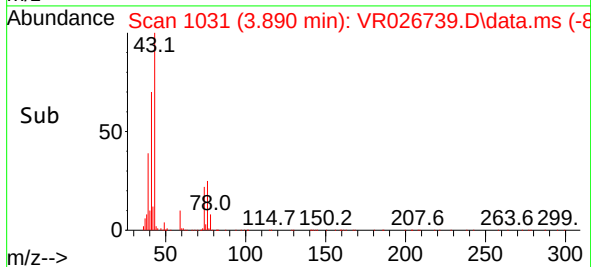
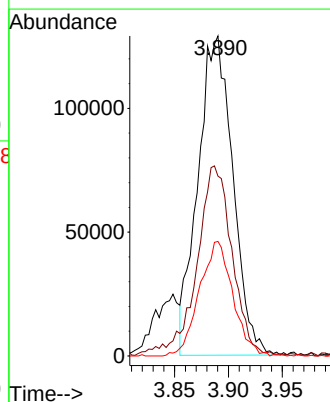
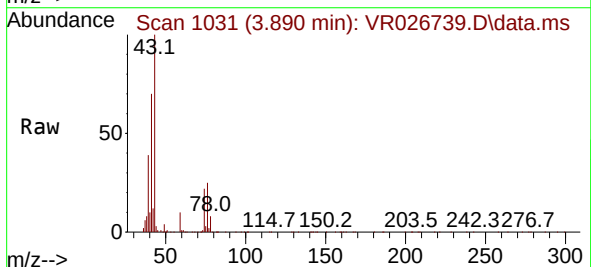
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

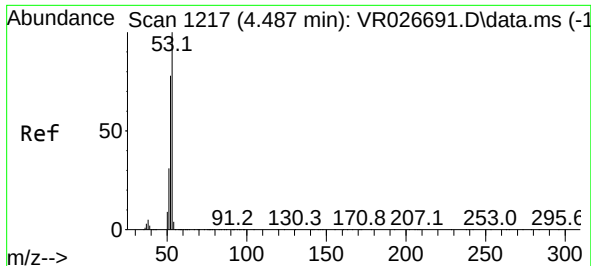
Tgt Ion: 56 Resp: 154236
Ion Ratio Lower Upper
56 100
55 69.7 53.8 80.8



#14
Allyl chloride
Concen: 38.280 ug/l
RT: 3.890 min Scan# 1031
Delta R.T. -0.003 min
Lab File: VR026739.D
Acq: 11 Aug 2025 15:07

Tgt Ion: 41 Resp: 291403
Ion Ratio Lower Upper
41 100
39 59.6 44.2 66.2
76 34.3 31.0 46.4





#15

Acrylonitrile

Concen: 247.397 ug/l

RT: 4.484 min Scan# 11

Delta R.T. -0.003 min

Lab File: VR026739.D

Acq: 11 Aug 2025 15:07

Instrument :

MSVOA_R

ClientSampleId :

VSTDCCC050EC

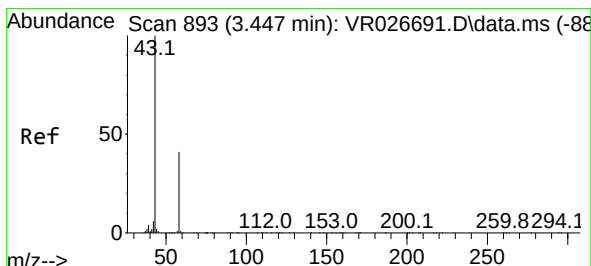
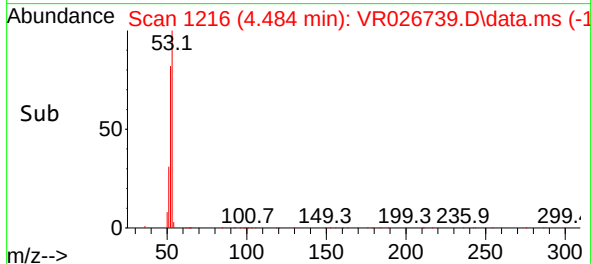
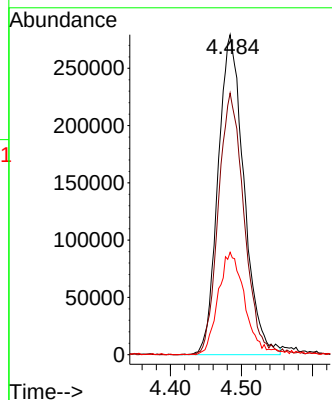
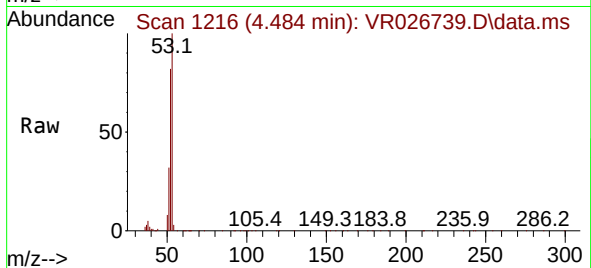
Tgt Ion: 53 Resp: 707387

Ion Ratio Lower Upper

53 100

52 80.7 61.4 92.2

51 33.1 25.8 38.6



#16

Acetone

Concen: 272.909 ug/l

RT: 3.444 min Scan# 892

Delta R.T. -0.003 min

Lab File: VR026739.D

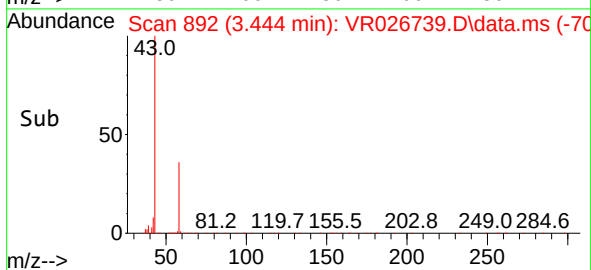
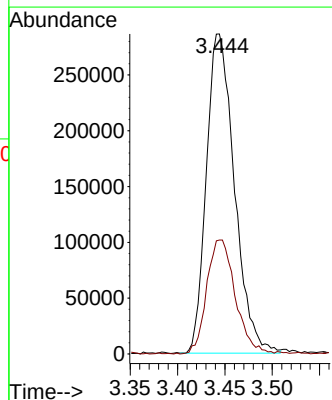
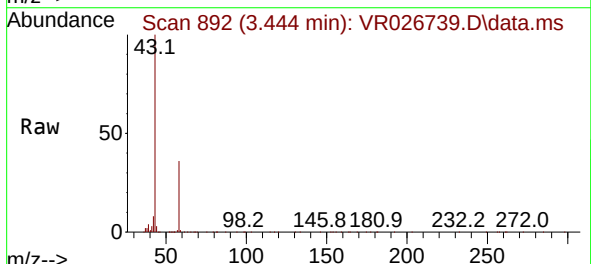
Acq: 11 Aug 2025 15:07

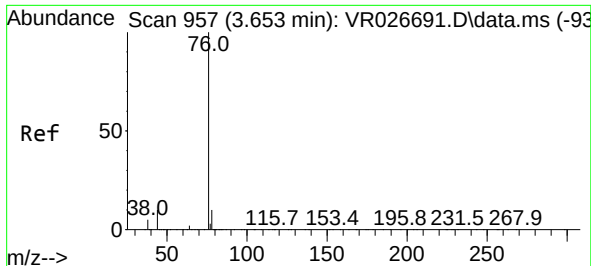
Tgt Ion: 43 Resp: 589698

Ion Ratio Lower Upper

43 100

58 35.7 32.9 49.3

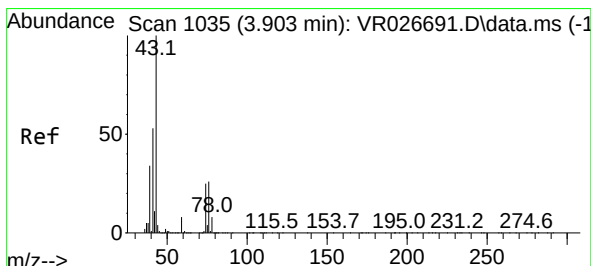
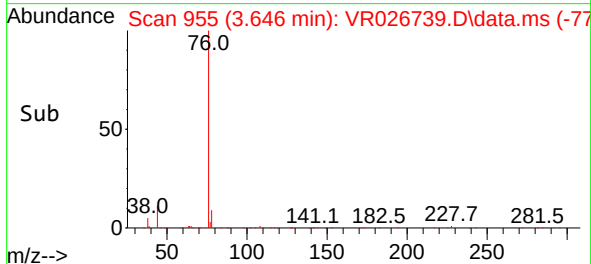
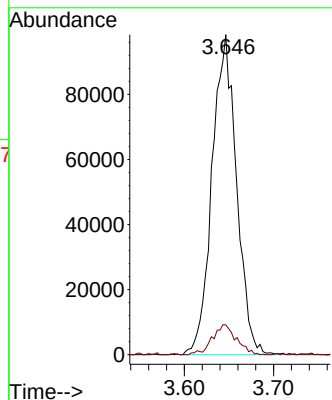
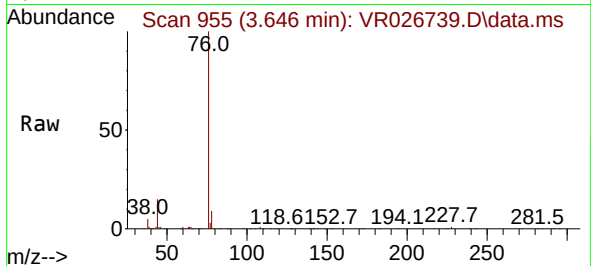




#17
Carbon Disulfide
Concen: 32.723 ug/l
RT: 3.646 min Scan# 91
Delta R.T. -0.006 min
Lab File: VR026739.D
Acq: 11 Aug 2025 15:07

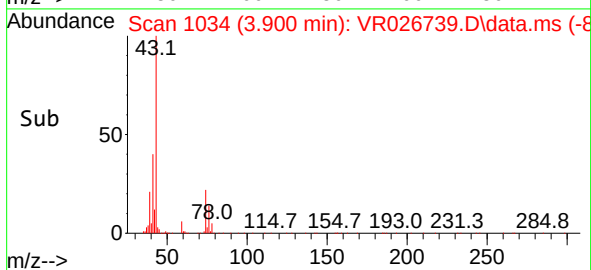
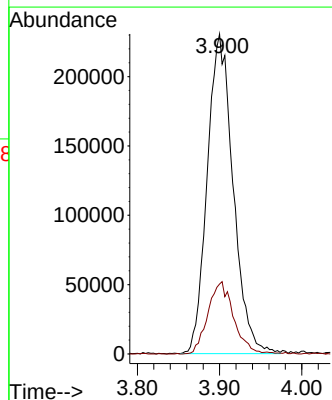
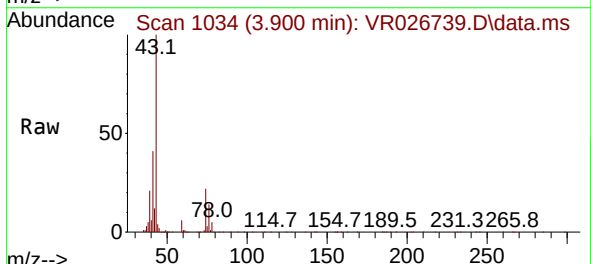
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

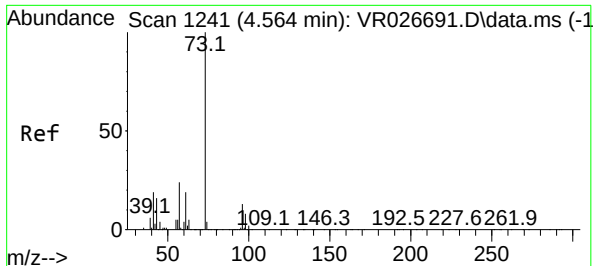
Tgt Ion: 76 Resp: 187430
Ion Ratio Lower Upper
76 100
78 9.3 7.8 11.6



#18
Methyl Acetate
Concen: 55.919 ug/l
RT: 3.900 min Scan# 1034
Delta R.T. -0.003 min
Lab File: VR026739.D
Acq: 11 Aug 2025 15:07

Tgt Ion: 43 Resp: 504307
Ion Ratio Lower Upper
43 100
74 22.3 19.4 29.0





#19

Methyl tert-butyl Ether

Concen: 39.740 ug/l

RT: 4.558 min Scan# 11

Delta R.T. -0.006 min

Lab File: VR026739.D

Acq: 11 Aug 2025 15:07

Instrument :

MSVOA_R

ClientSampleId :

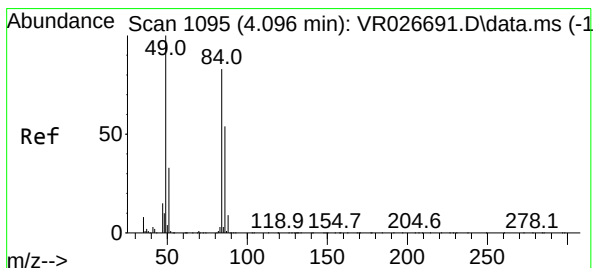
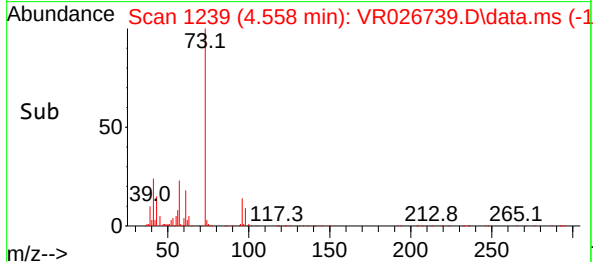
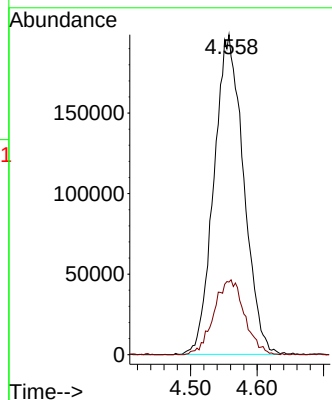
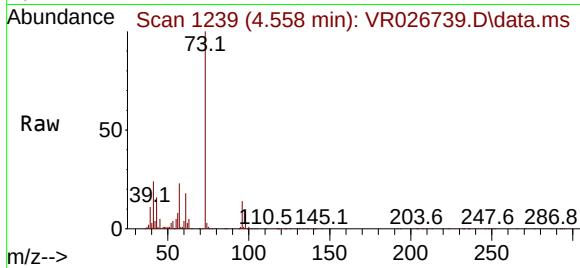
VSTDCCC050EC

Tgt Ion: 73 Resp: 615383

Ion Ratio Lower Upper

73 100

57 22.7 19.4 29.0



#20

Methylene Chloride

Concen: 40.479 ug/l

RT: 4.086 min Scan# 1092

Delta R.T. -0.010 min

Lab File: VR026739.D

Acq: 11 Aug 2025 15:07

Tgt Ion: 84 Resp: 207570

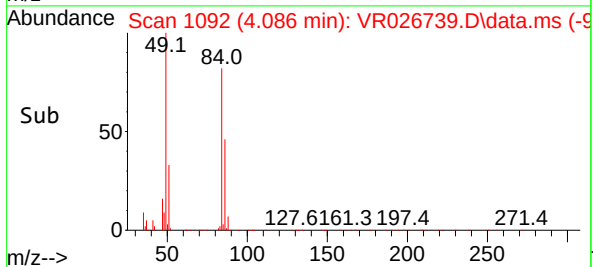
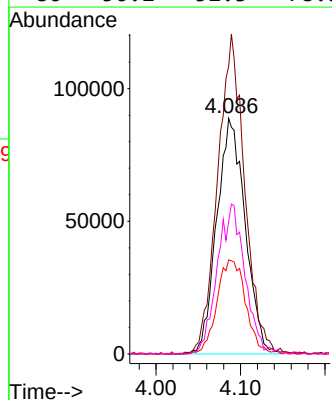
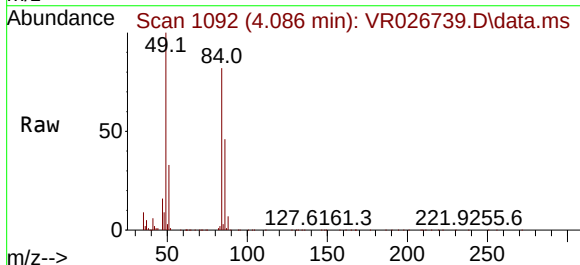
Ion Ratio Lower Upper

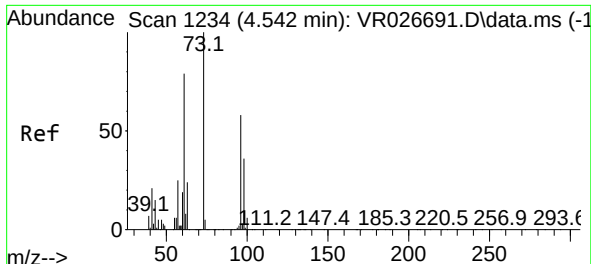
84 100

49 121.8 96.2 144.4

51 39.9 31.8 47.6

86 56.2 52.3 78.5

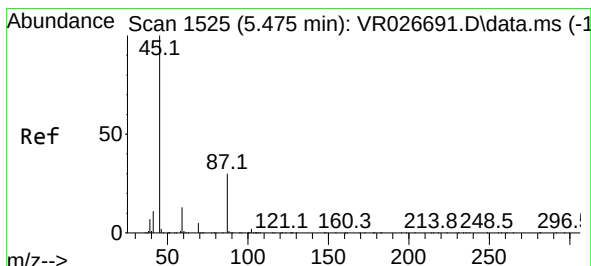
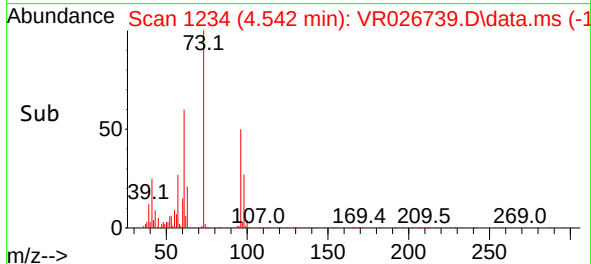
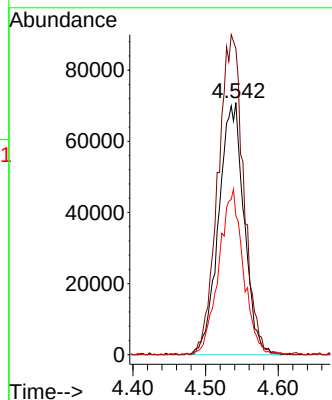
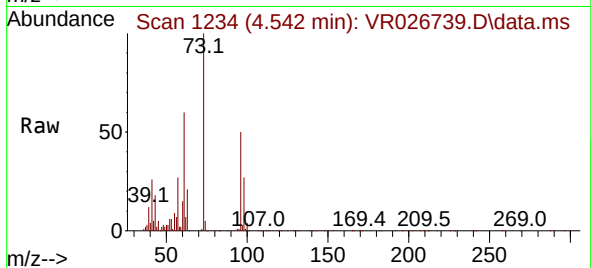




#21
trans-1,2-Dichloroethene
Concen: 40.343 ug/l
RT: 4.542 min Scan# 11
Delta R.T. 0.000 min
Lab File: VR026739.D
Acq: 11 Aug 2025 15:07

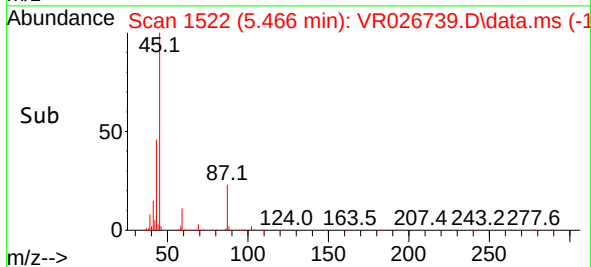
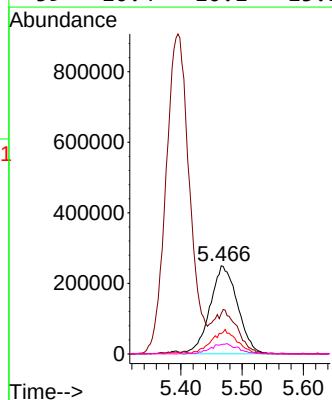
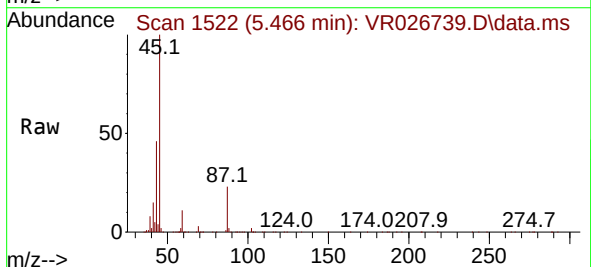
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

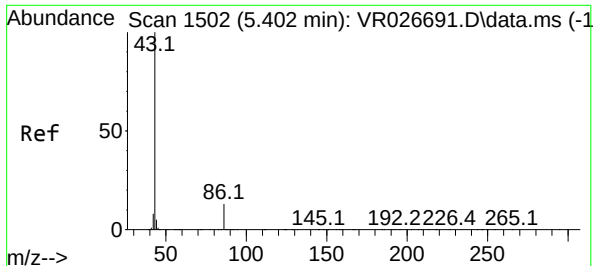
Tgt Ion: 96 Resp: 171605
Ion Ratio Lower Upper
96 100
61 121.4 110.3 165.5
98 55.0 50.2 75.4



#22
Diisopropyl ether
Concen: 43.533 ug/l
RT: 5.466 min Scan# 1522
Delta R.T. -0.010 min
Lab File: VR026739.D
Acq: 11 Aug 2025 15:07

Tgt Ion: 45 Resp: 776562
Ion Ratio Lower Upper
45 100
43 45.0 38.2 57.2
87 22.9 24.0 36.0#
59 10.4 10.1 15.1

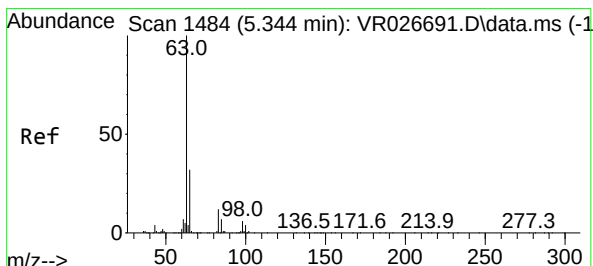
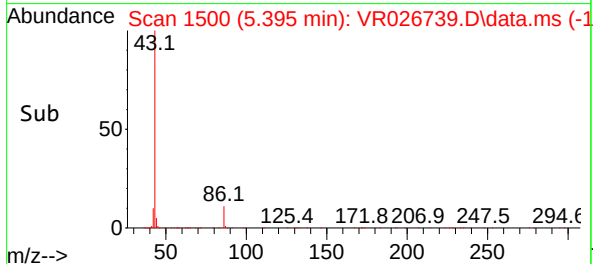
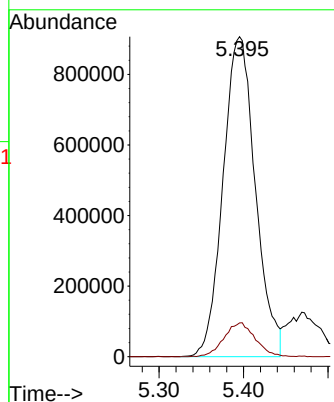
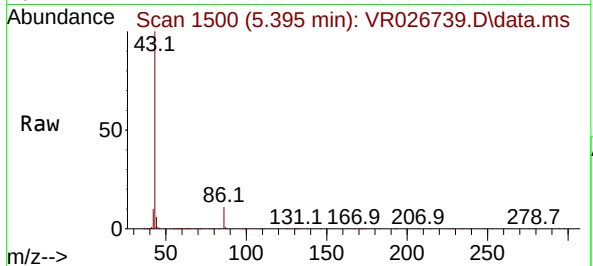




#23
 Vinyl Acetate
 Concen: 237.095 ug/l
 RT: 5.395 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VR026739.D
 Acq: 11 Aug 2025 15:07

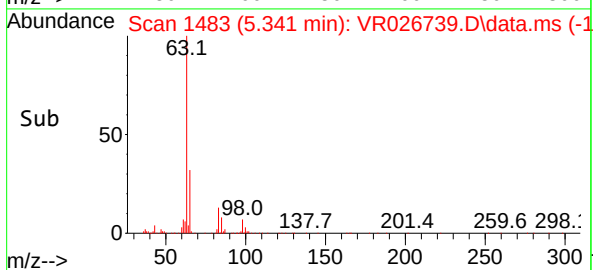
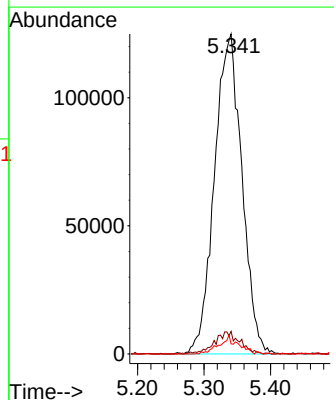
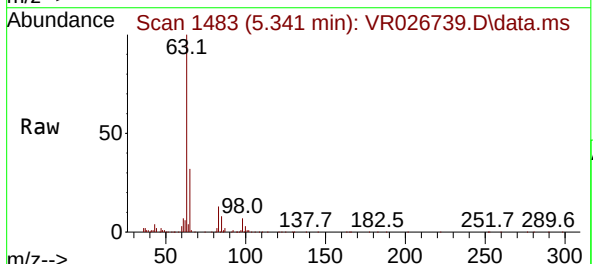
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDCCC050EC

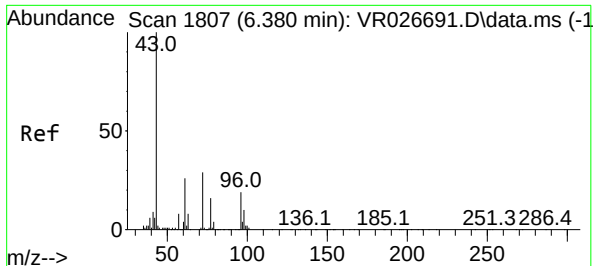
Tgt Ion: 43 Resp: 2411531
 Ion Ratio Lower Upper
 43 100
 86 10.5 10.7 16.1#



#24
 1,1-Dichloroethane
 Concen: 39.702 ug/l
 RT: 5.341 min Scan# 1483
 Delta R.T. -0.003 min
 Lab File: VR026739.D
 Acq: 11 Aug 2025 15:07

Tgt Ion: 63 Resp: 358659
 Ion Ratio Lower Upper
 63 100
 98 7.1 2.9 8.8
 100 3.1 1.8 5.4





#25

2-Butanone

Concen: 283.839 ug/l

RT: 6.377 min Scan# 1799

Delta R.T. -0.003 min

Lab File: VR026739.D

Acq: 11 Aug 2025 15:07

Instrument :

MSVOA_R

ClientSampleId :

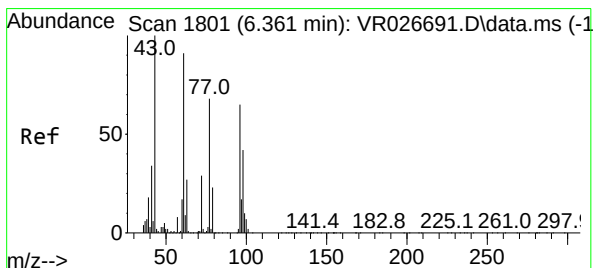
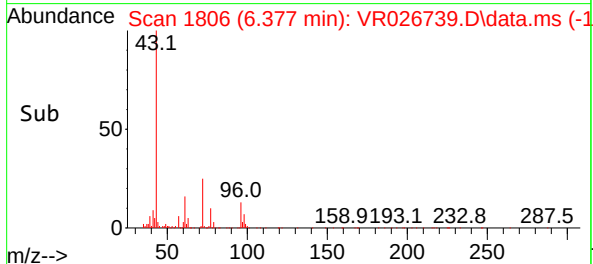
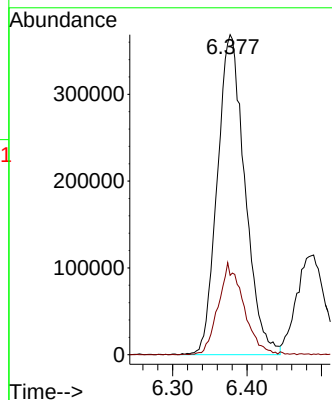
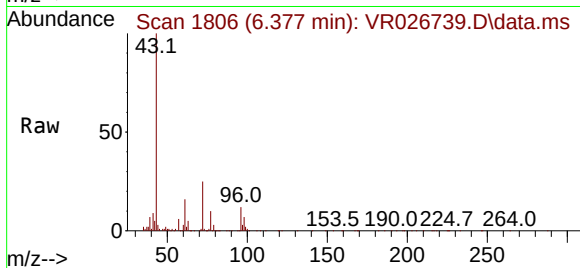
VSTDCCC050EC

Tgt Ion: 43 Resp: 949287

Ion Ratio Lower Upper

43 100

72 24.7 23.1 34.7



#26

2,2-Dichloropropane

Concen: 36.475 ug/l m

RT: 6.355 min Scan# 1799

Delta R.T. -0.006 min

Lab File: VR026739.D

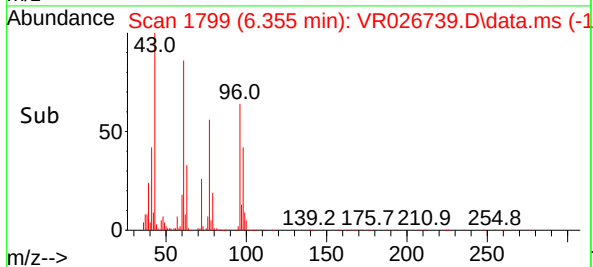
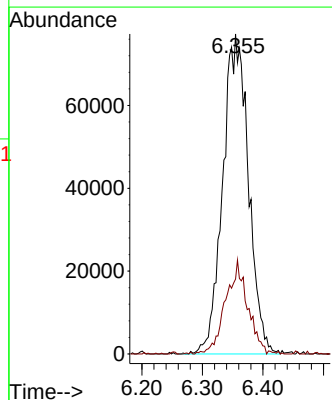
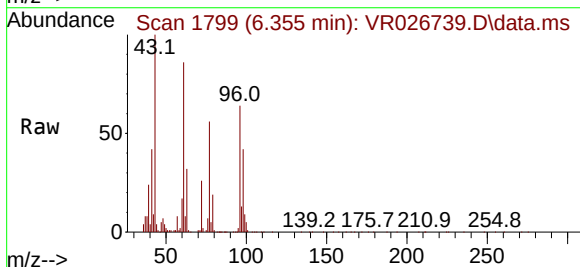
Acq: 11 Aug 2025 15:07

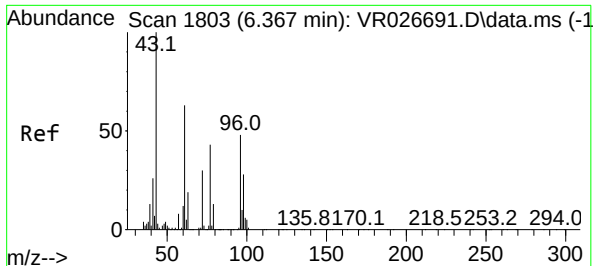
Tgt Ion: 77 Resp: 227785

Ion Ratio Lower Upper

77 100

97 25.0 12.3 36.8

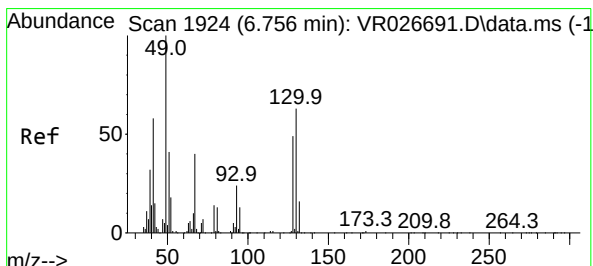
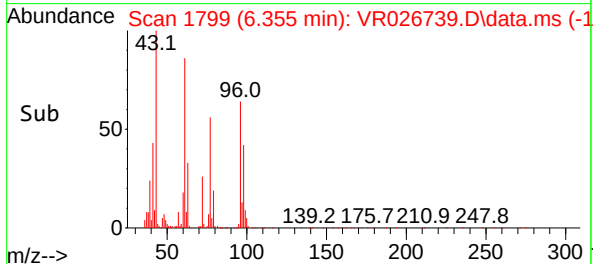
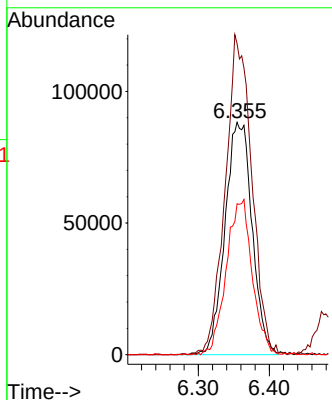
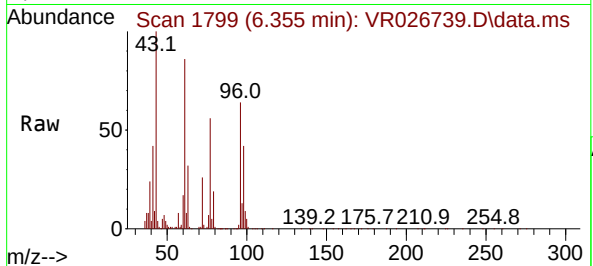




#27
 cis-1,2-Dichloroethene
 Concen: 42.792 ug/l
 RT: 6.355 min Scan# 1
 Delta R.T. -0.013 min
 Lab File: VR026739.D
 Acq: 11 Aug 2025 15:07

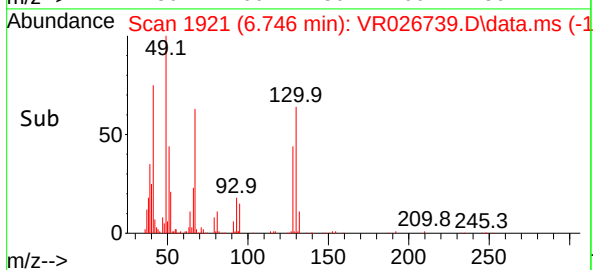
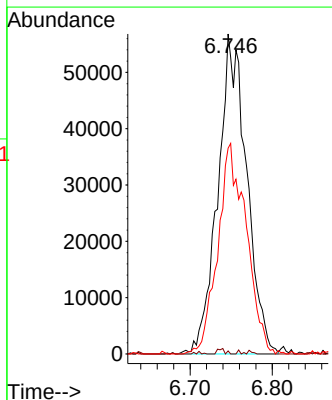
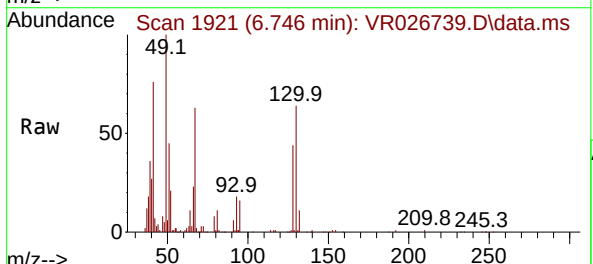
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDCCC050EC

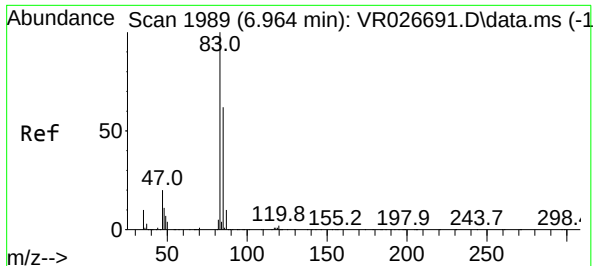
Tgt Ion: 96 Resp: 234180
 Ion Ratio Lower Upper
 96 100
 61 134.7 0.0 279.8
 98 63.6 0.0 125.2



#28
 Bromochloromethane
 Concen: 42.451 ug/l
 RT: 6.746 min Scan# 1921
 Delta R.T. -0.010 min
 Lab File: VR026739.D
 Acq: 11 Aug 2025 15:07

Tgt Ion: 49 Resp: 138189
 Ion Ratio Lower Upper
 49 100
 129 0.4 0.0 3.4
 130 65.1 52.2 78.4

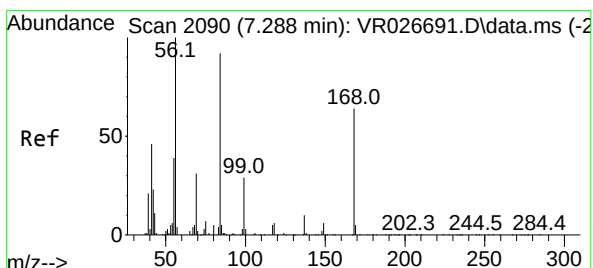
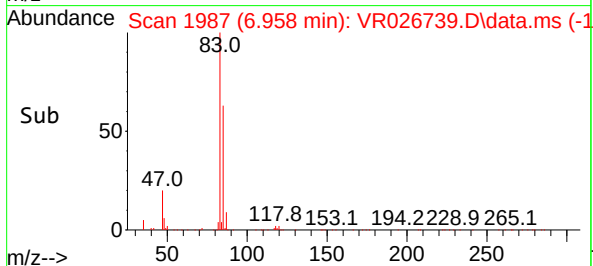
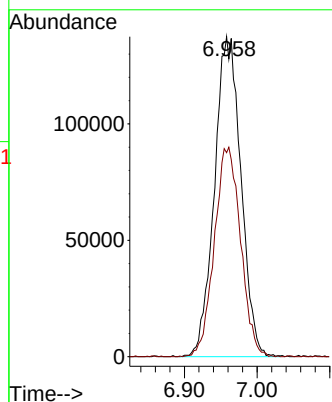
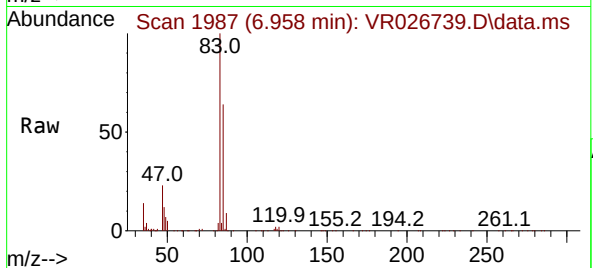




#29
Chloroform
Concen: 44.477 ug/l
RT: 6.958 min Scan# 1987
Delta R.T. -0.006 min
Lab File: VR026739.D
Acq: 11 Aug 2025 15:07

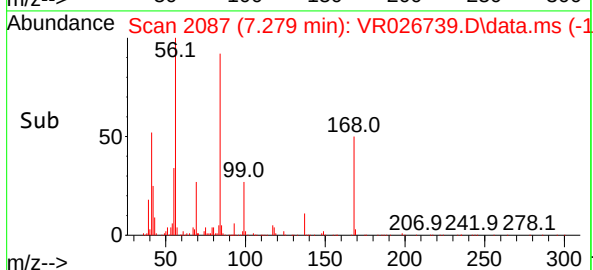
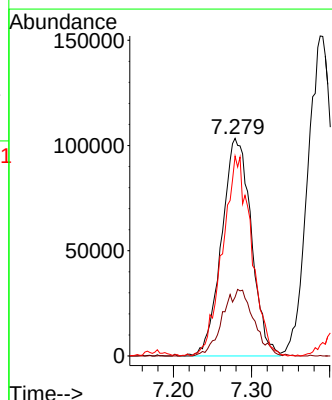
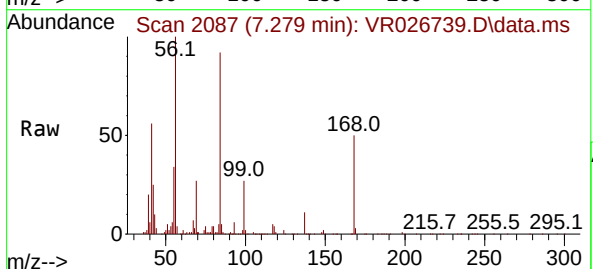
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

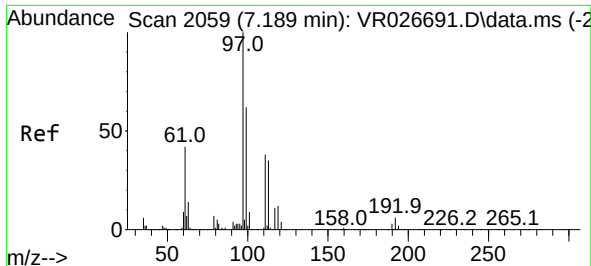
Tgt Ion: 83 Resp: 348045
Ion Ratio Lower Upper
83 100
85 63.7 49.6 74.4



#30
Cyclohexane
Concen: 37.358 ug/l
RT: 7.279 min Scan# 2087
Delta R.T. -0.010 min
Lab File: VR026739.D
Acq: 11 Aug 2025 15:07

Tgt Ion: 56 Resp: 272543
Ion Ratio Lower Upper
56 100
69 26.9 24.8 37.2
84 91.9 73.1 109.7



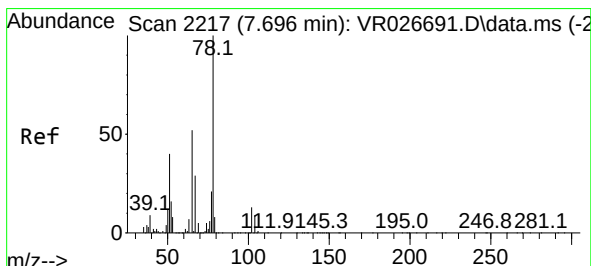
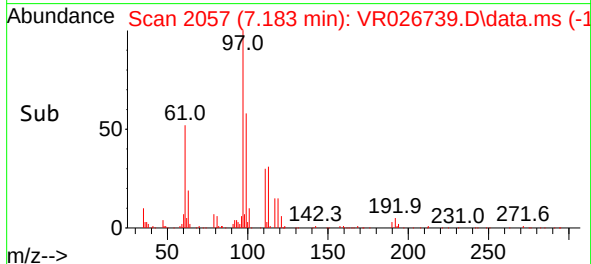
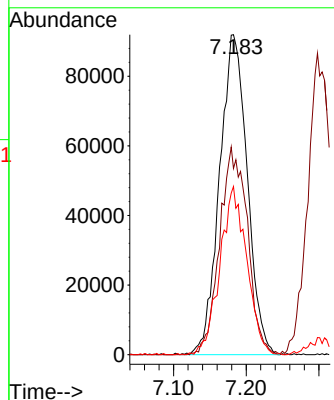
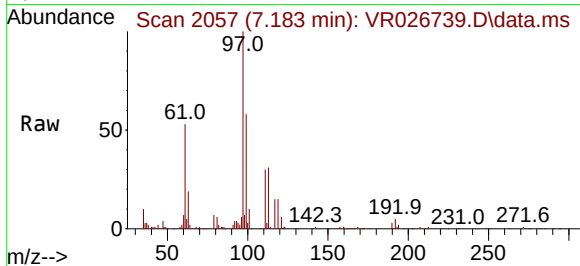


#31
 1,1,1-Trichloroethane
 Concen: 43.093 ug/l
 RT: 7.183 min Scan# 2059
 Delta R.T. -0.006 min
 Lab File: VR026739.D
 Acq: 11 Aug 2025 15:07

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 97 Resp: 243590

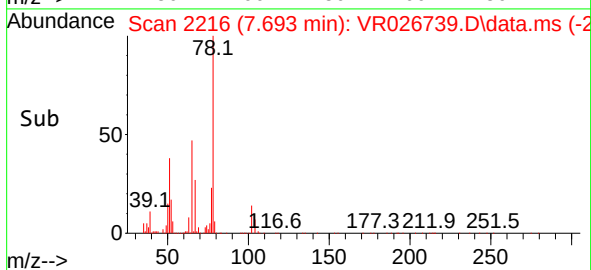
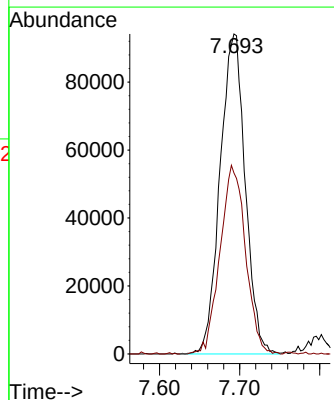
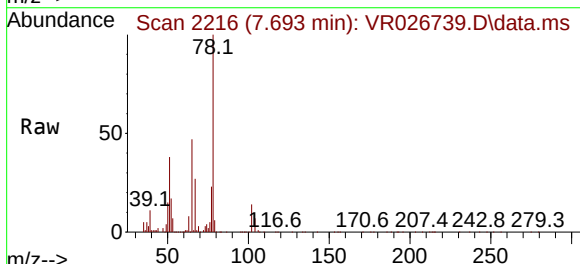
Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.0	76.6
61	50.8	36.3	54.5

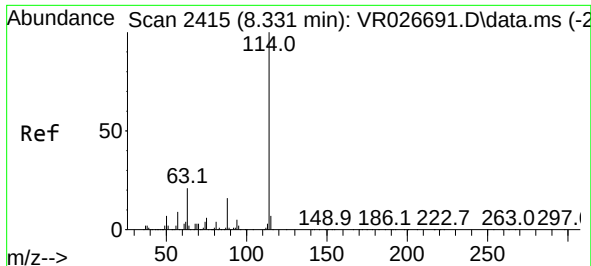


#32
 1,2-Dichloroethane-d4
 Concen: 44.537 ug/l
 RT: 7.693 min Scan# 2216
 Delta R.T. -0.003 min
 Lab File: VR026739.D
 Acq: 11 Aug 2025 15:07

Tgt Ion: 65 Resp: 205044

Ion	Ratio	Lower	Upper
65	100		
67	59.8	0.0	118.4





#33

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.335 min Scan# 2415

Delta R.T. 0.003 min

Lab File: VR026739.D

Acq: 11 Aug 2025 15:07

Instrument :

MSVOA_R

ClientSampleId :

VSTDCCC050EC

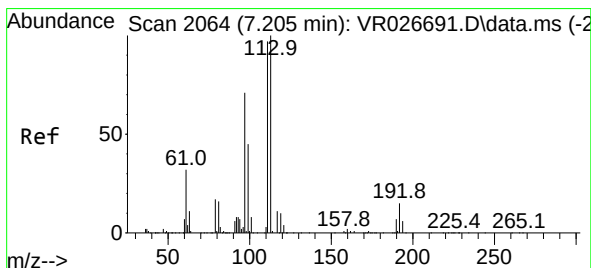
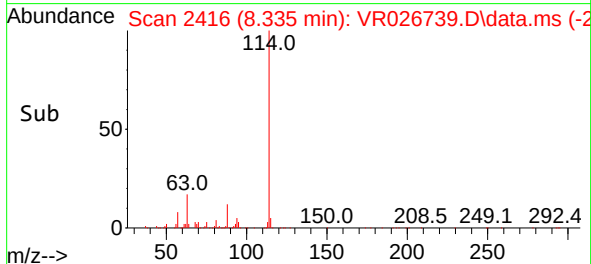
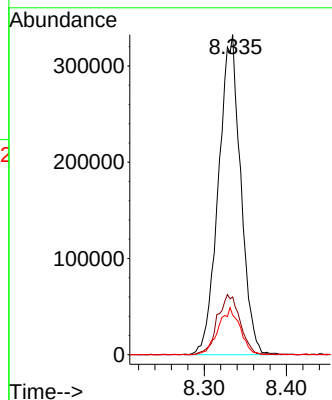
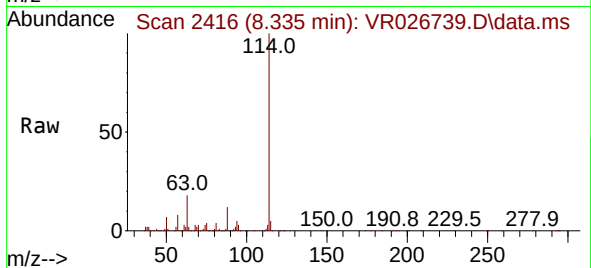
Tgt Ion:114 Resp: 623791

Ion Ratio Lower Upper

114 100

63 18.1 0.0 41.6

88 12.4 0.0 32.6



#34

Dibromofluoromethane

Concen: 45.352 ug/l

RT: 7.205 min Scan# 2064

Delta R.T. 0.000 min

Lab File: VR026739.D

Acq: 11 Aug 2025 15:07

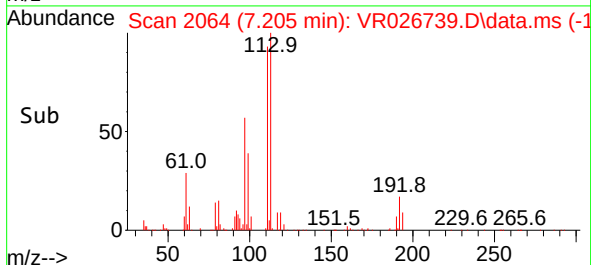
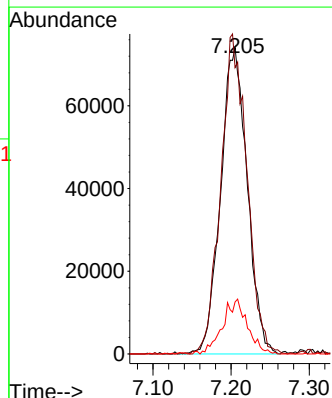
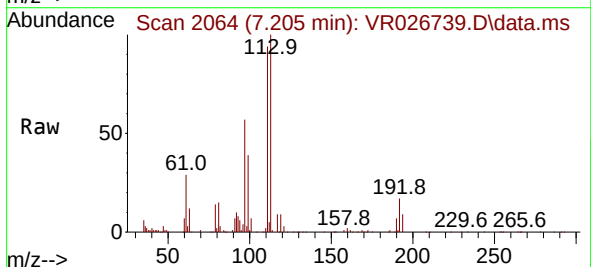
Tgt Ion:113 Resp: 174978

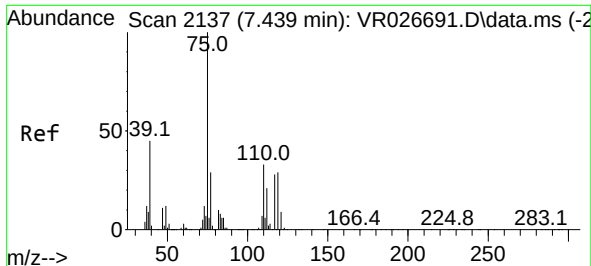
Ion Ratio Lower Upper

113 100

111 102.8 81.7 122.5

192 16.6 12.3 18.5

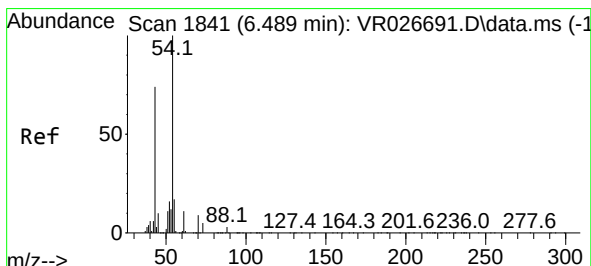
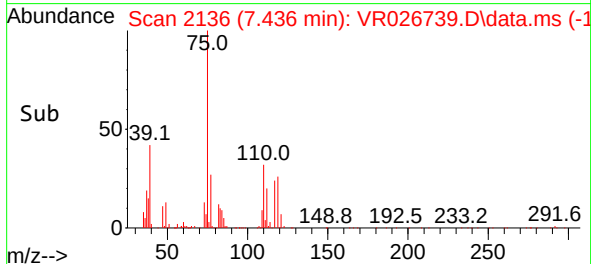
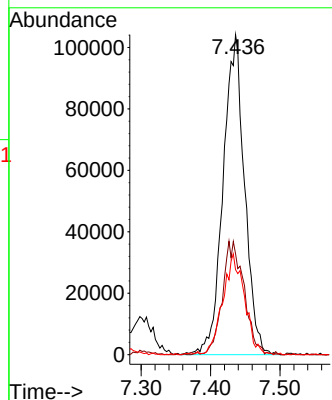
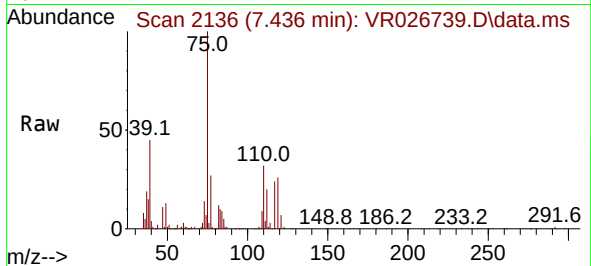




#35
1,1-Dichloropropene
Concen: 45.946 ug/l
RT: 7.436 min Scan# 2137
Delta R.T. -0.003 min
Lab File: VR026739.D
Acq: 11 Aug 2025 15:07

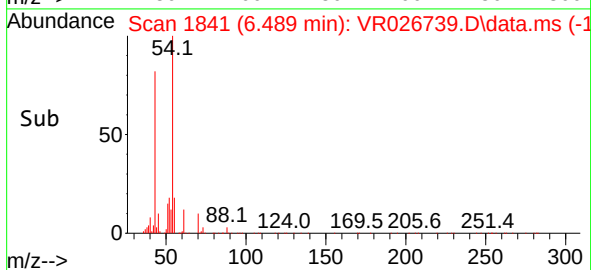
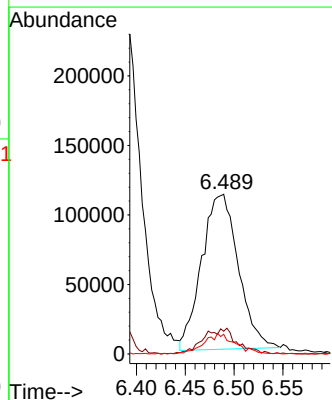
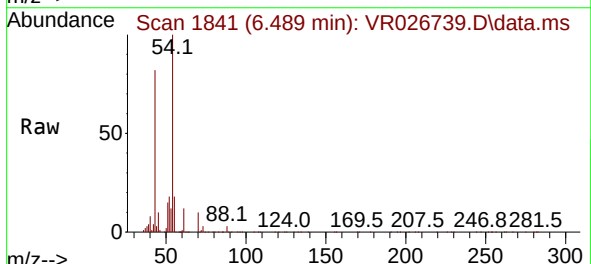
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

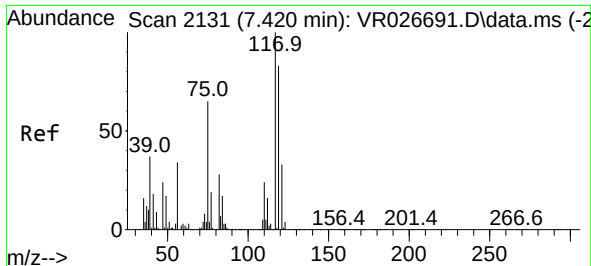
Tgt Ion: 75 Resp: 223631
Ion Ratio Lower Upper
75 100
110 35.4 17.0 50.9
77 31.9 24.6 37.0



#36
Ethyl Acetate
Concen: 50.024 ug/l
RT: 6.489 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VR026739.D
Acq: 11 Aug 2025 15:07

Tgt Ion: 43 Resp: 291489
Ion Ratio Lower Upper
43 100
61 7.4 12.0 18.0#
70 10.4 9.0 13.6

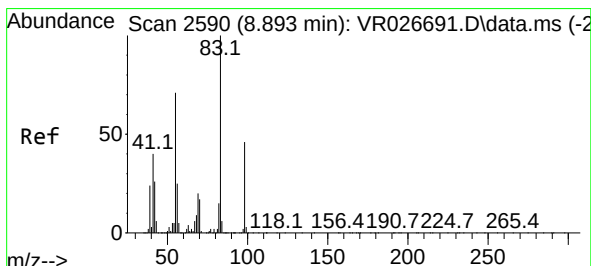
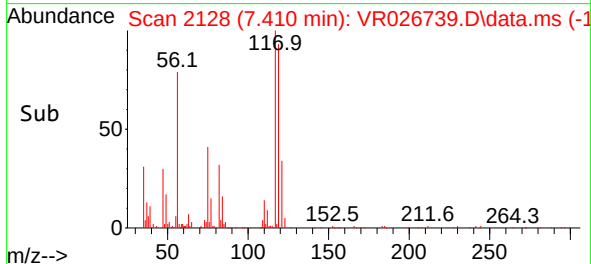
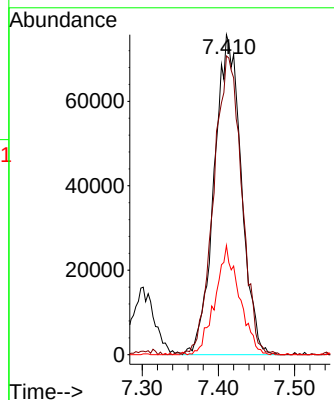
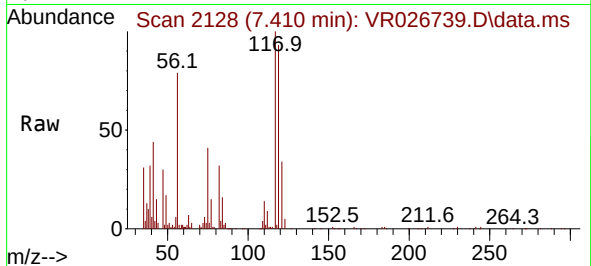




#37
Carbon Tetrachloride
Concen: 47.146 ug/l
RT: 7.410 min Scan# 2131
Delta R.T. -0.010 min
Lab File: VR026739.D
Acq: 11 Aug 2025 15:07

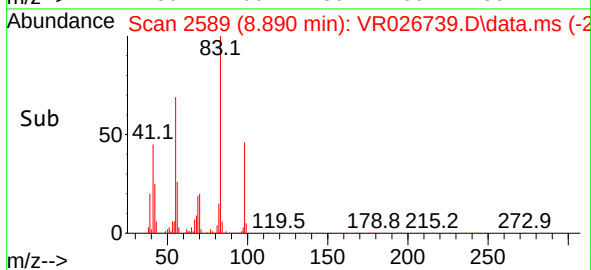
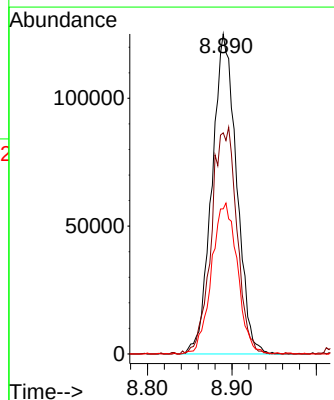
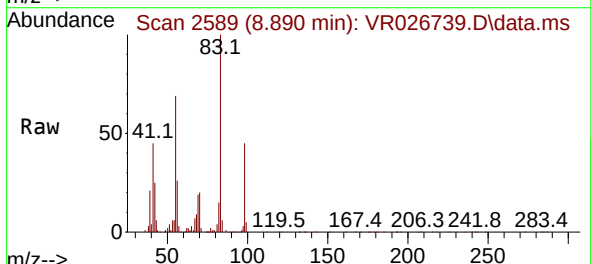
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

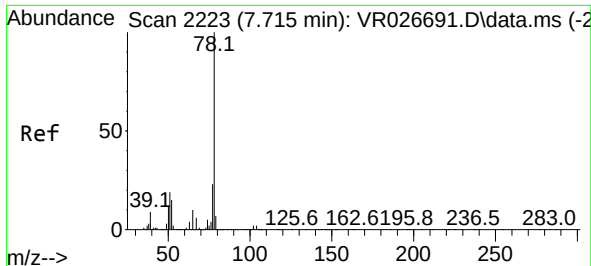
Tgt Ion:117 Resp: 186890
Ion Ratio Lower Upper
117 100
119 93.3 67.0 100.4
121 34.1 26.3 39.5



#38
Methylcyclohexane
Concen: 45.548 ug/l
RT: 8.890 min Scan# 2589
Delta R.T. -0.003 min
Lab File: VR026739.D
Acq: 11 Aug 2025 15:07

Tgt Ion: 83 Resp: 253767
Ion Ratio Lower Upper
83 100
55 69.1 56.7 85.1
98 45.4 36.7 55.1

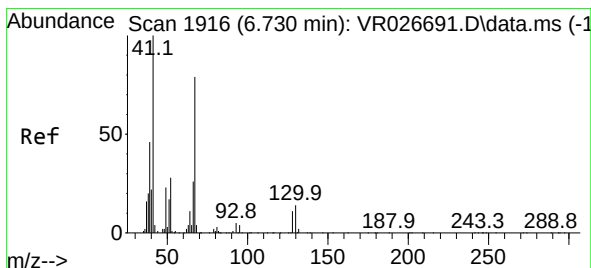
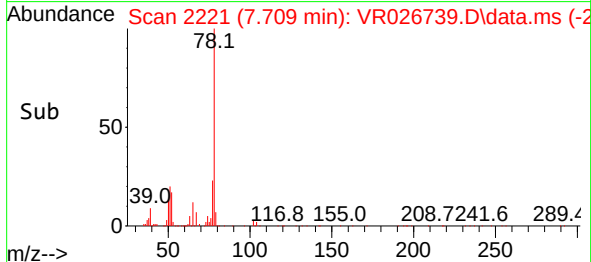
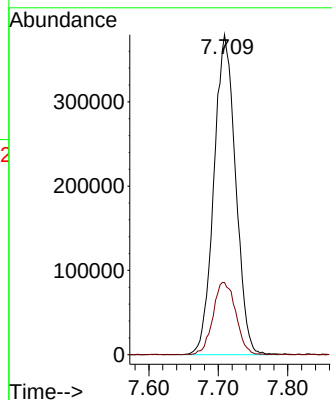
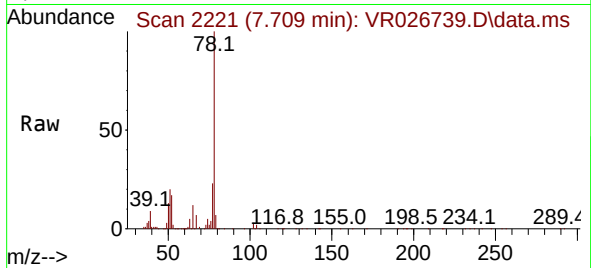




#39
Benzene
Concen: 47.148 ug/l
RT: 7.709 min Scan# 21
Delta R.T. -0.006 min
Lab File: VR026739.D
Acq: 11 Aug 2025 15:07

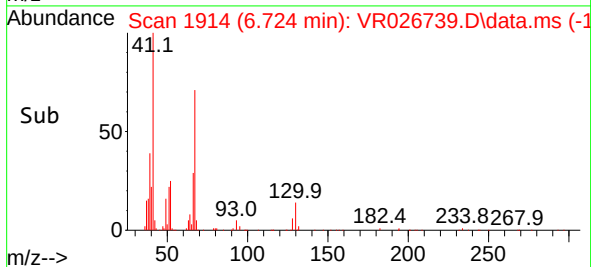
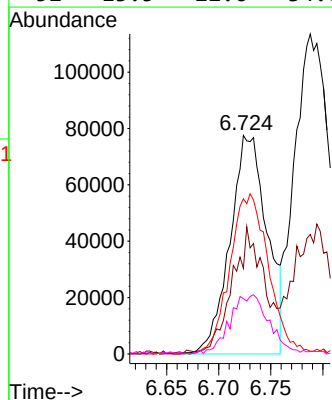
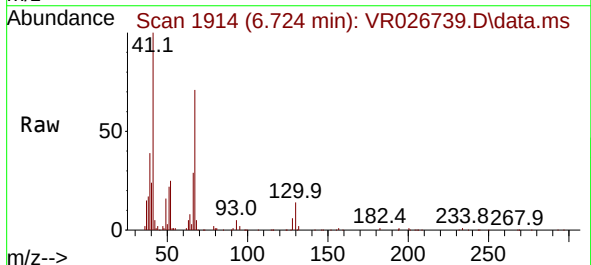
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

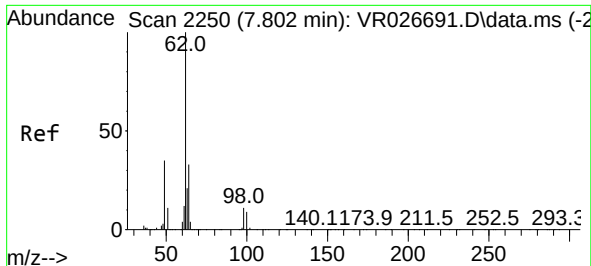
Tgt Ion: 78 Resp: 826411
Ion Ratio Lower Upper
78 100
77 22.5 18.8 28.2



#40
Methacrylonitrile
Concen: 53.092 ug/l
RT: 6.724 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VR026739.D
Acq: 11 Aug 2025 15:07

Tgt Ion: 41 Resp: 192258
Ion Ratio Lower Upper
41 100
39 47.7 42.4 63.6
67 76.3 65.6 98.4
52 13.5 22.6 34.0#

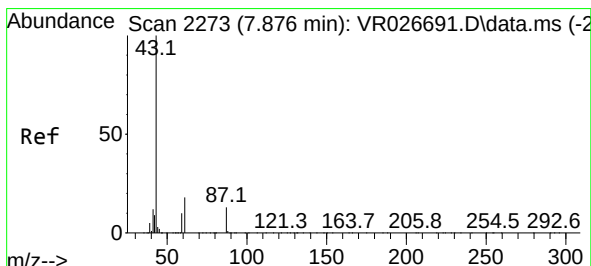
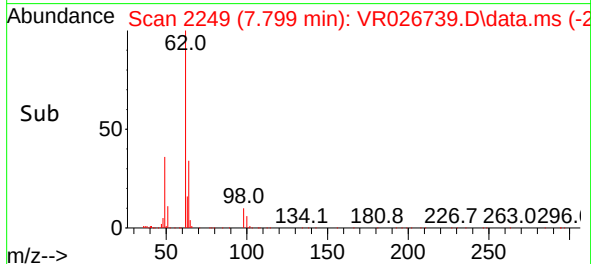
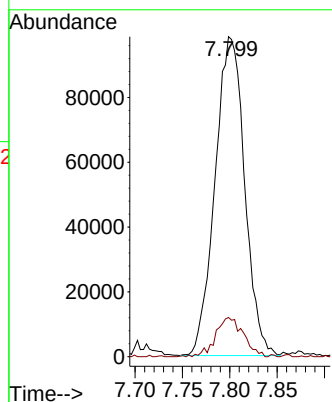
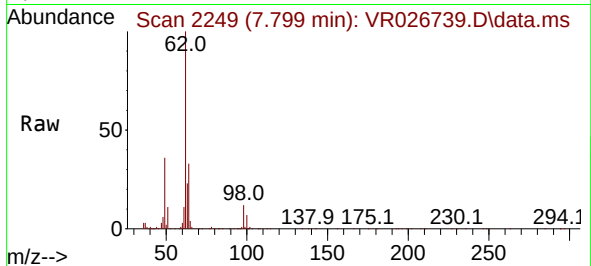




#41
1,2-Dichloroethane
Concen: 48.023 ug/l
RT: 7.799 min Scan# 21
Delta R.T. -0.003 min
Lab File: VR026739.D
Acq: 11 Aug 2025 15:07

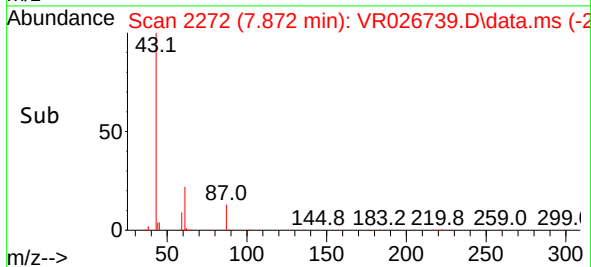
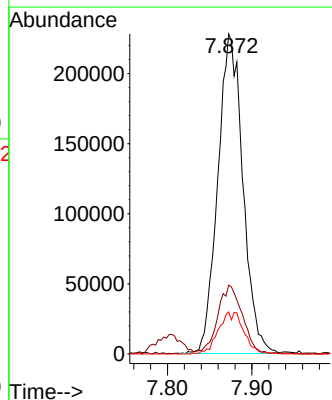
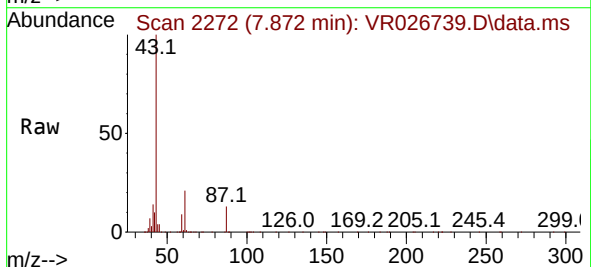
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

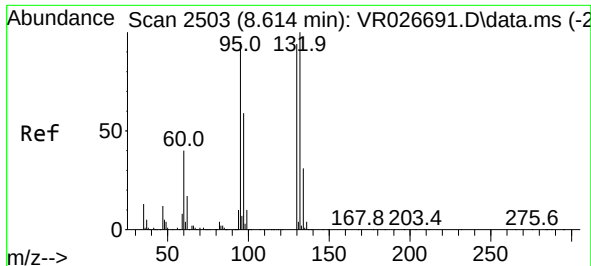
Tgt Ion: 62 Resp: 214100
Ion Ratio Lower Upper
62 100
98 11.5 0.0 22.2



#42
Isopropyl Acetate
Concen: 50.202 ug/l
RT: 7.872 min Scan# 2272
Delta R.T. -0.003 min
Lab File: VR026739.D
Acq: 11 Aug 2025 15:07

Tgt Ion: 43 Resp: 470363
Ion Ratio Lower Upper
43 100
61 20.5 17.9 26.9
87 7.2 10.8 16.2#

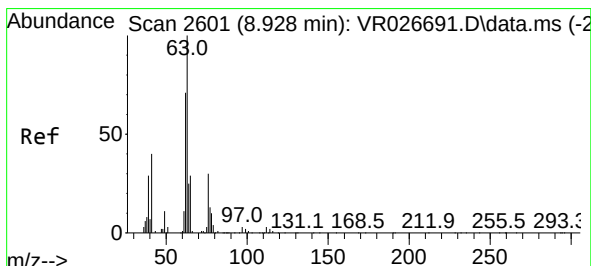
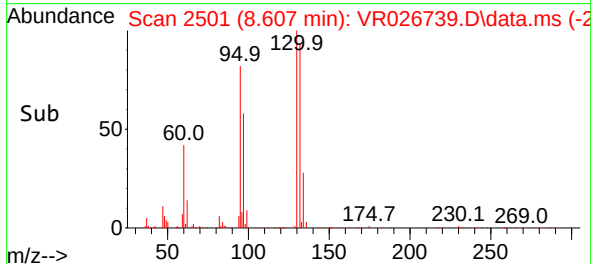
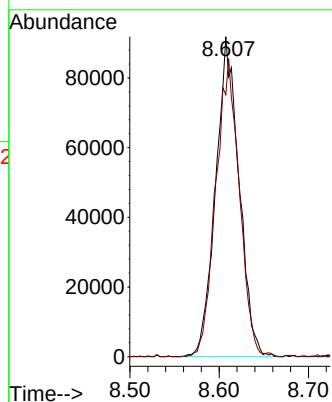
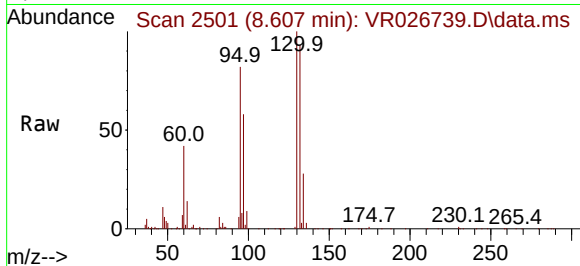




#43
Trichloroethene
Concen: 49.490 ug/l
RT: 8.607 min Scan# 21
Delta R.T. -0.006 min
Lab File: VR026739.D
Acq: 11 Aug 2025 15:07

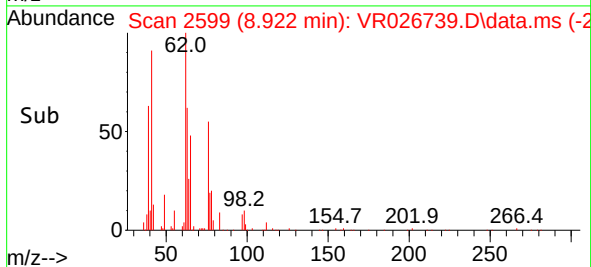
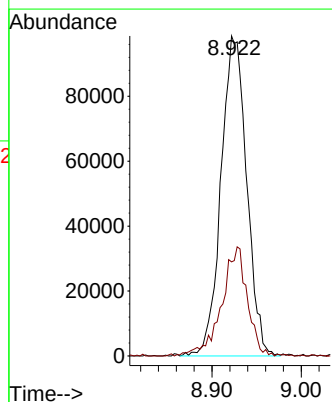
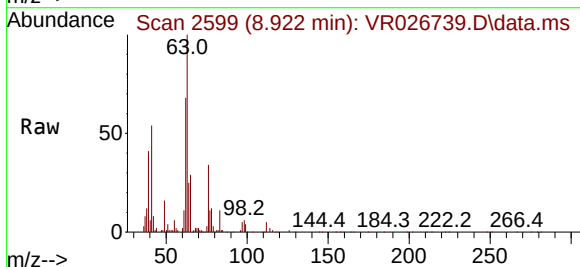
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

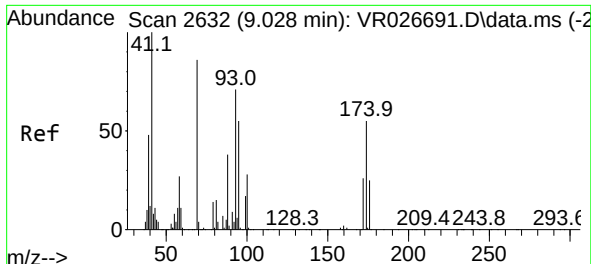
Tgt Ion:130 Resp: 166822
Ion Ratio Lower Upper
130 100
95 81.8 0.0 200.6



#44
1,2-Dichloropropane
Concen: 47.501 ug/l
RT: 8.922 min Scan# 2599
Delta R.T. -0.006 min
Lab File: VR026739.D
Acq: 11 Aug 2025 15:07

Tgt Ion: 63 Resp: 197029
Ion Ratio Lower Upper
63 100
65 29.0 23.8 35.8

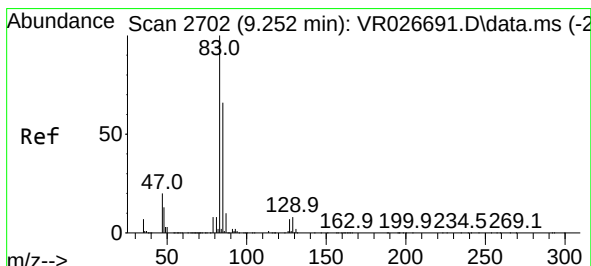
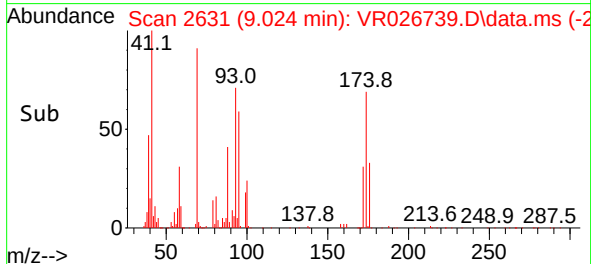
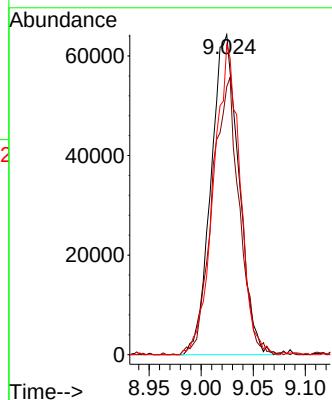
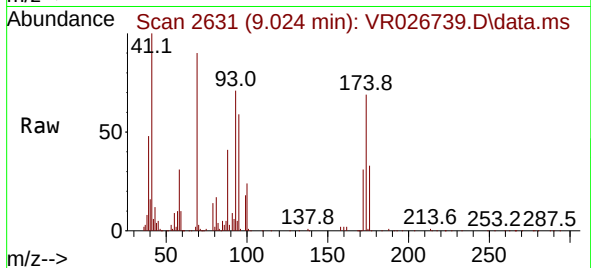




#45
Dibromomethane
Concen: 51.934 ug/l
RT: 9.024 min Scan# 2631
Delta R.T. -0.003 min
Lab File: VR026739.D
Acq: 11 Aug 2025 15:07

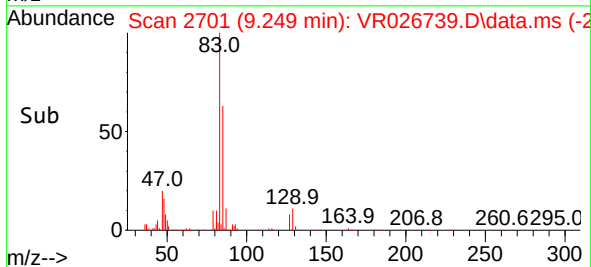
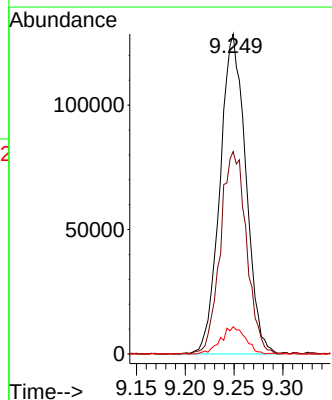
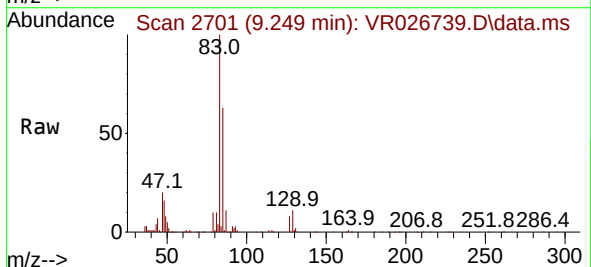
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

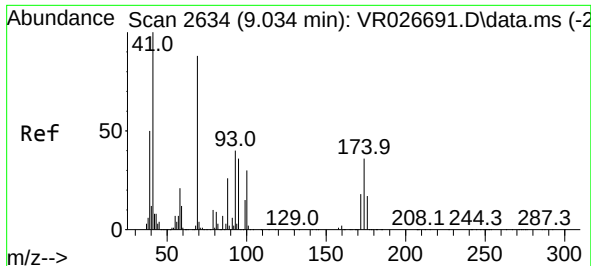
Tgt Ion: 93 Resp: 119802
Ion Ratio Lower Upper
93 100
95 84.1 69.4 104.0
174 91.8 66.9 100.3



#46
Bromodichloromethane
Concen: 52.899 ug/l
RT: 9.249 min Scan# 2701
Delta R.T. -0.003 min
Lab File: VR026739.D
Acq: 11 Aug 2025 15:07

Tgt Ion: 83 Resp: 236437
Ion Ratio Lower Upper
83 100
85 63.3 52.6 78.8
127 8.5 5.5 8.3





#47

Methyl methacrylate

Concen: 56.925 ug/l

RT: 9.037 min Scan# 2

Delta R.T. 0.003 min

Lab File: VR026739.D

Acq: 11 Aug 2025 15:07

Instrument :

MSVOA_R

ClientSampleId :

VSTDCCC050EC

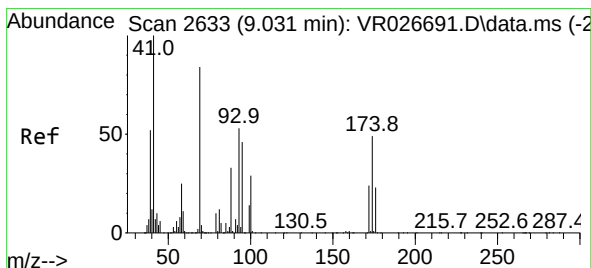
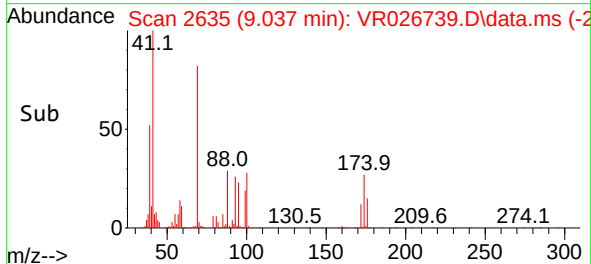
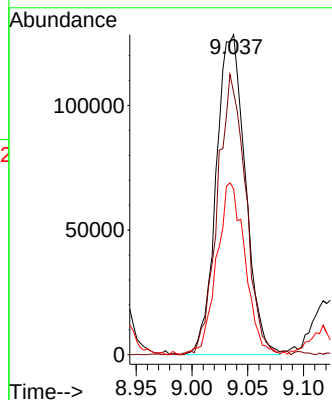
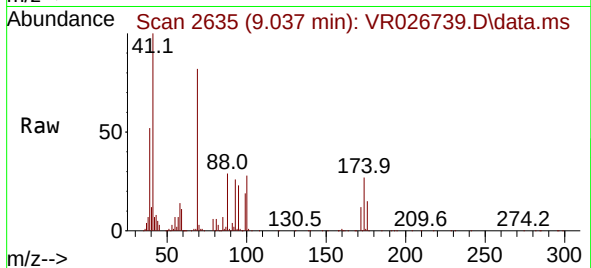
Tgt Ion: 41 Resp: 233433

Ion Ratio Lower Upper

41 100

69 84.5 69.8 104.6

39 51.8 39.4 59.2



#48

1,4-Dioxane

Concen: 1261.621 ug/l

RT: 9.031 min Scan# 2633

Delta R.T. 0.000 min

Lab File: VR026739.D

Acq: 11 Aug 2025 15:07

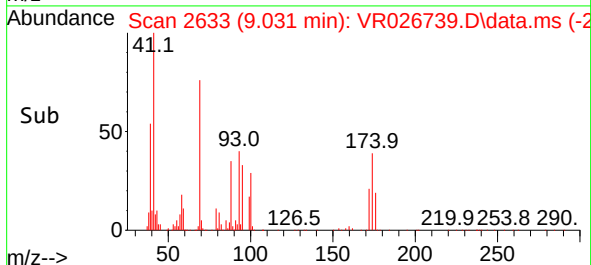
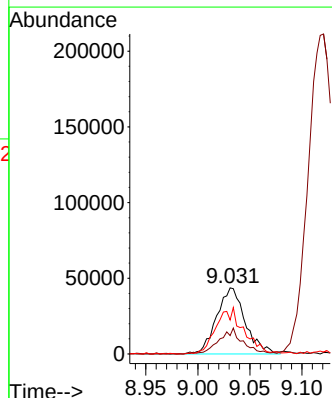
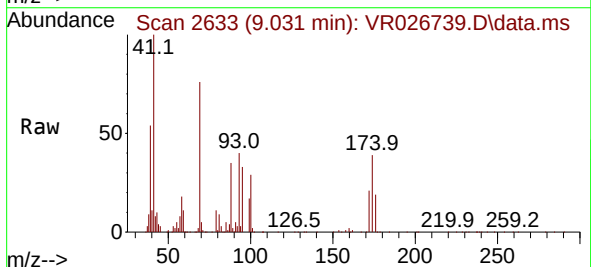
Tgt Ion: 88 Resp: 83337

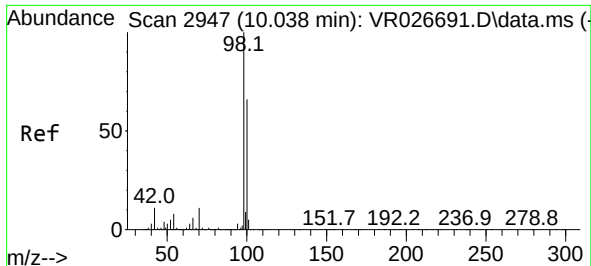
Ion Ratio Lower Upper

88 100

43 32.3 25.2 37.8

58 68.0 60.8 91.2

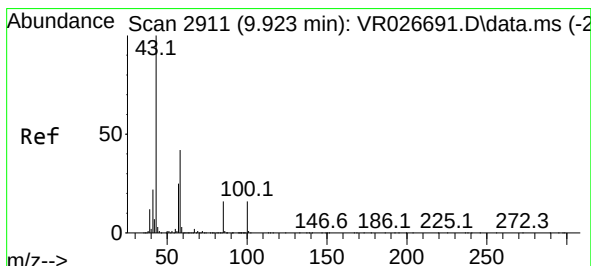
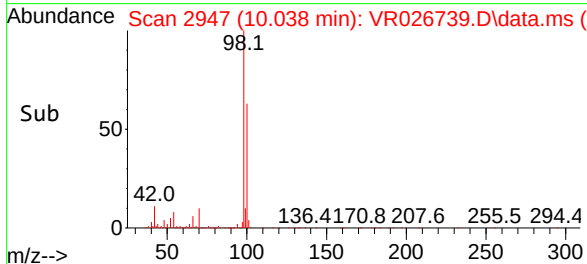
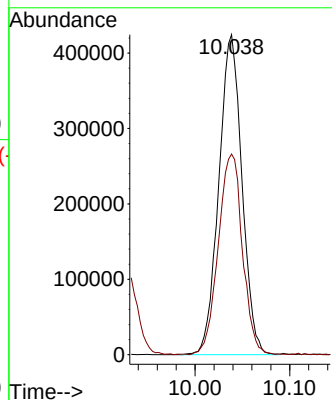
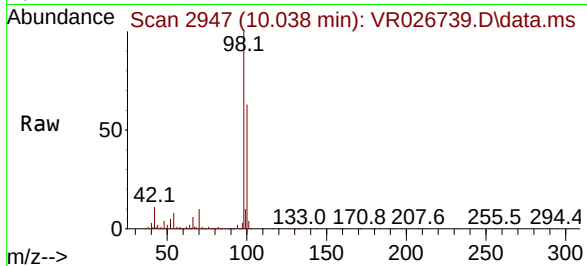




#49
Toluene-d8
Concen: 52.040 ug/l
RT: 10.038 min Scan# 2947
Delta R.T. 0.000 min
Lab File: VR026739.D
Acq: 11 Aug 2025 15:07

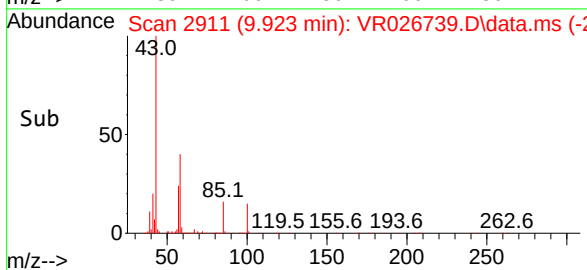
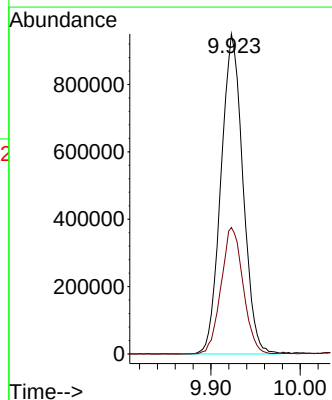
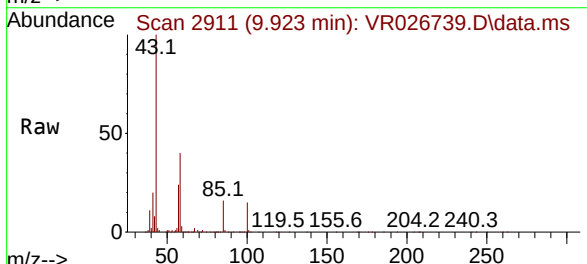
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

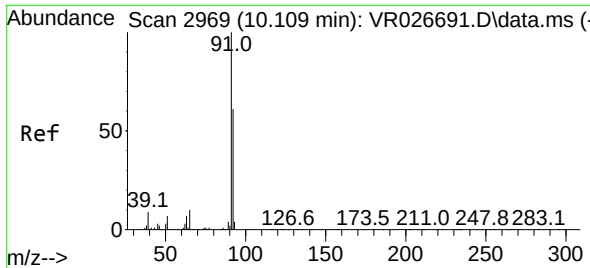
Tgt Ion: 98 Resp: 719328
Ion Ratio Lower Upper
98 100
100 65.5 53.9 80.9



#50
4-Methyl-2-Pentanone
Concen: 331.833 ug/l
RT: 9.923 min Scan# 2911
Delta R.T. 0.000 min
Lab File: VR026739.D
Acq: 11 Aug 2025 15:07

Tgt Ion: 43 Resp: 1623181
Ion Ratio Lower Upper
43 100
58 39.8 33.7 50.5

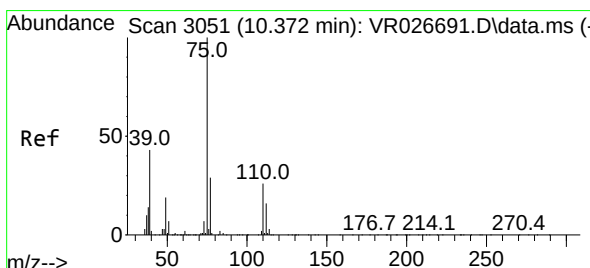
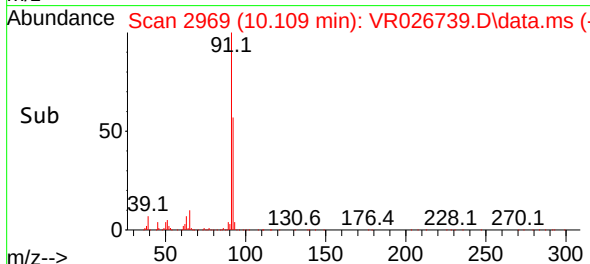
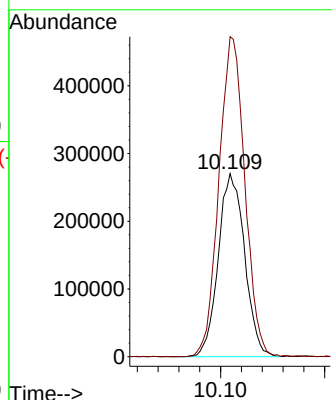
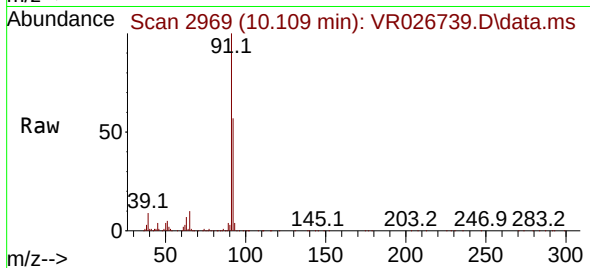




#51
Toluene
Concen: 52.997 ug/l
RT: 10.109 min Scan# 2969
Delta R.T. 0.000 min
Lab File: VR026739.D
Acq: 11 Aug 2025 15:07

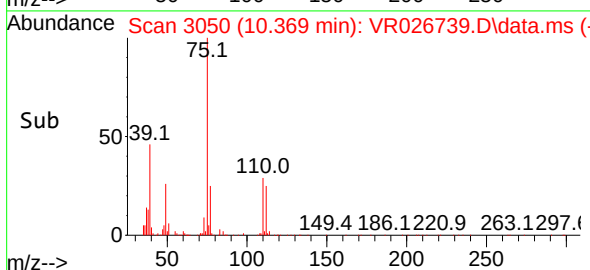
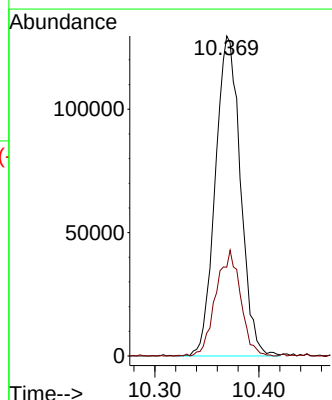
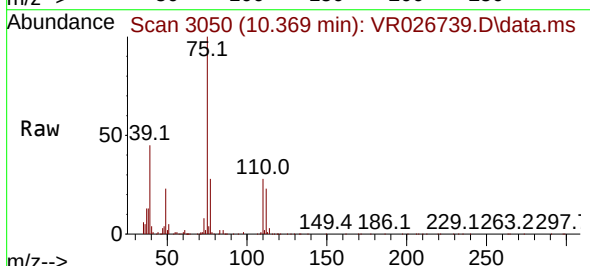
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

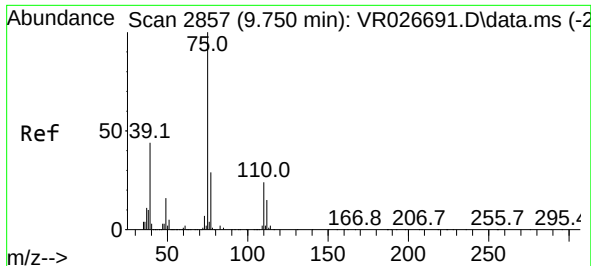
Tgt Ion: 92 Resp: 474208
Ion Ratio Lower Upper
92 100
91 172.3 137.8 206.6



#52
t-1,3-Dichloropropene
Concen: 49.571 ug/l
RT: 10.369 min Scan# 3050
Delta R.T. -0.003 min
Lab File: VR026739.D
Acq: 11 Aug 2025 15:07

Tgt Ion: 75 Resp: 217162
Ion Ratio Lower Upper
75 100
77 27.5 23.4 35.2

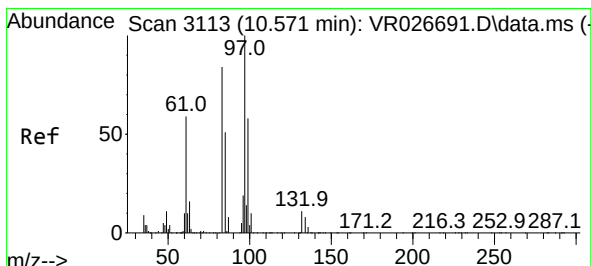
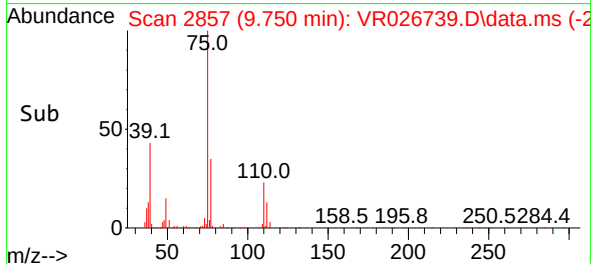
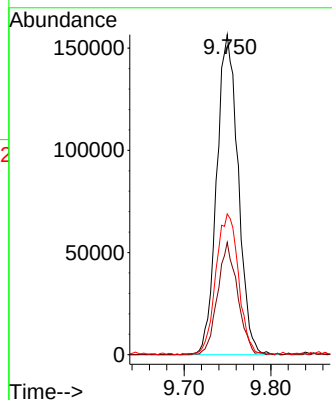
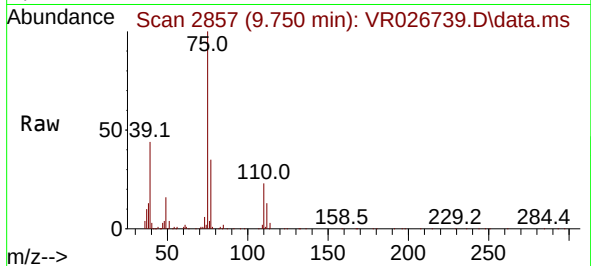




#53
cis-1,3-Dichloropropene
Concen: 51.049 ug/l
RT: 9.750 min Scan# 2857
Delta R.T. 0.000 min
Lab File: VR026739.D
Acq: 11 Aug 2025 15:07

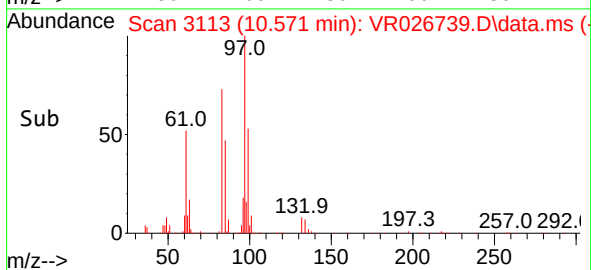
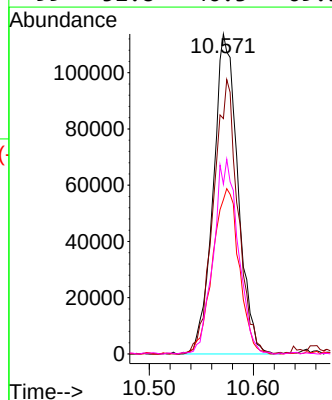
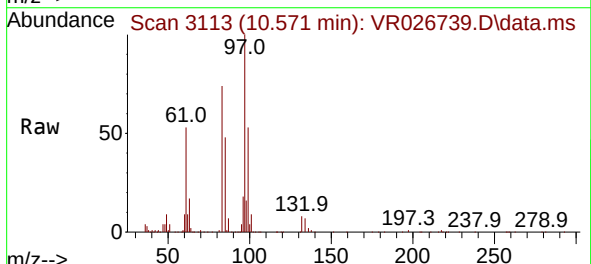
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

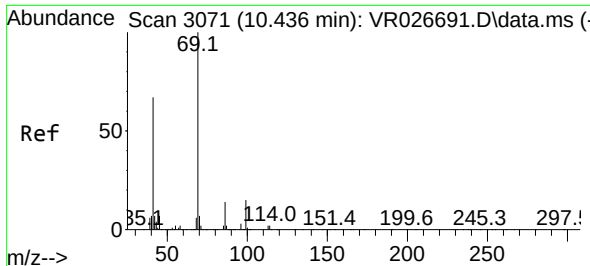
Tgt Ion: 75 Resp: 268248
Ion Ratio Lower Upper
75 100
77 35.1 22.9 34.3#
39 44.0 34.8 52.2



#54
1,1,2-Trichloroethane
Concen: 57.230 ug/l
RT: 10.571 min Scan# 3113
Delta R.T. 0.000 min
Lab File: VR026739.D
Acq: 11 Aug 2025 15:07

Tgt Ion: 97 Resp: 187013
Ion Ratio Lower Upper
97 100
83 73.6 67.4 101.2
85 48.2 40.4 60.6
99 52.8 46.3 69.5

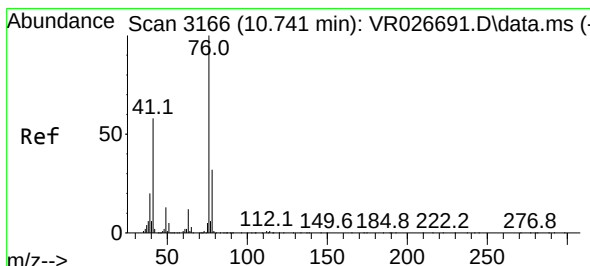
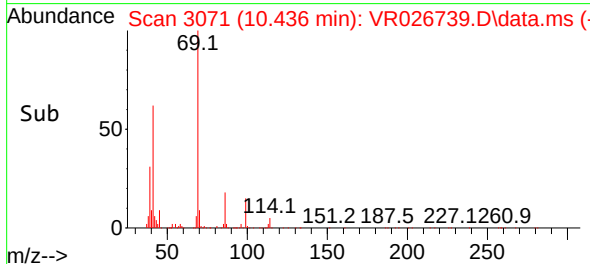
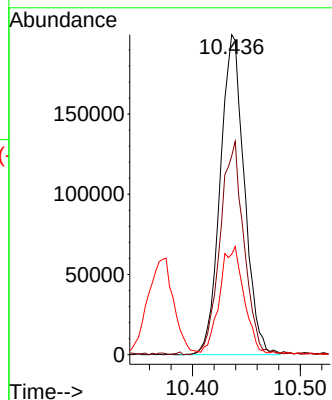
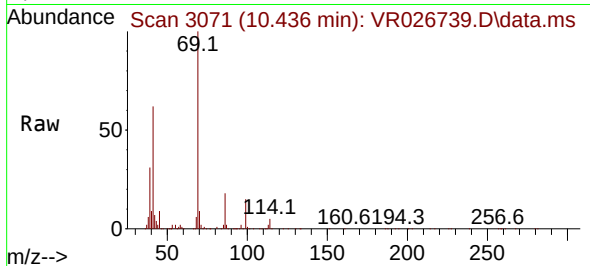




#55
Ethyl methacrylate
Concen: 57.276 ug/l
RT: 10.436 min Scan# 3071
Delta R.T. 0.000 min
Lab File: VR026739.D
Acq: 11 Aug 2025 15:07

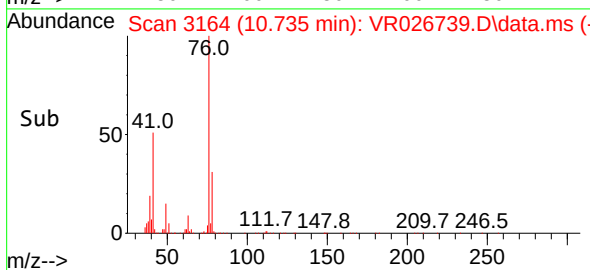
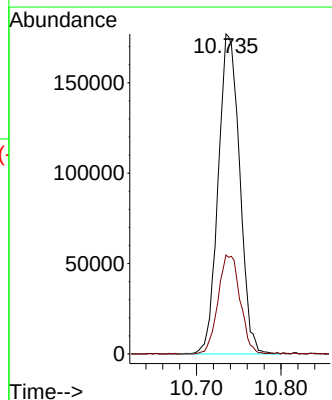
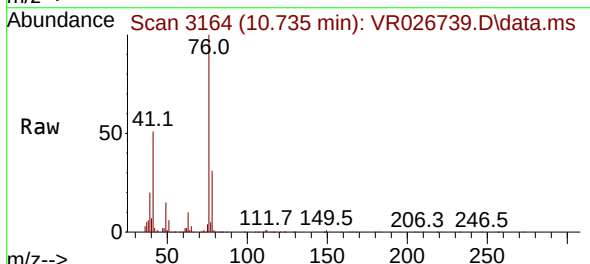
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

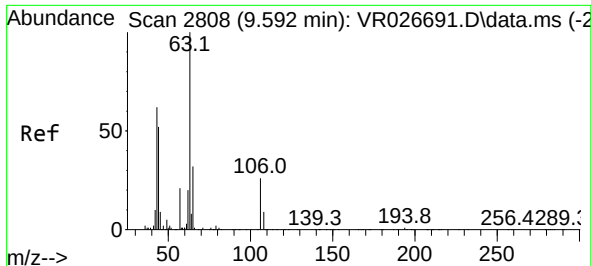
Tgt Ion:	69	Resp:	309087
Ion	Ratio	Lower	Upper
69	100		
41	66.2	51.5	77.3
39	33.3	24.7	37.1



#56
1,3-Dichloropropane
Concen: 55.867 ug/l
RT: 10.735 min Scan# 3164
Delta R.T. -0.006 min
Lab File: VR026739.D
Acq: 11 Aug 2025 15:07

Tgt Ion:	76	Resp:	310958
Ion	Ratio	Lower	Upper
76	100		
78	31.9	25.8	38.6

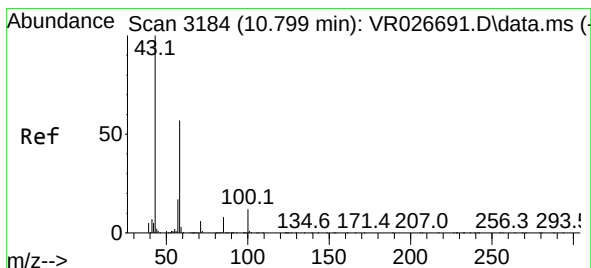
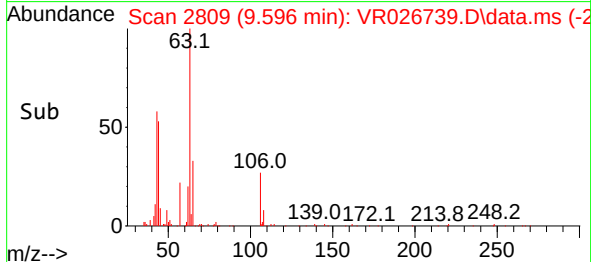
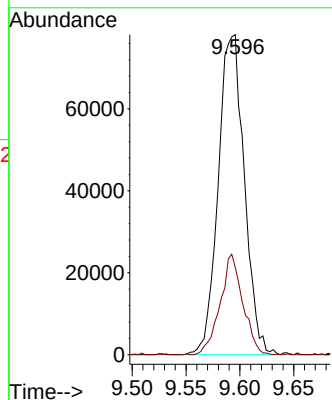
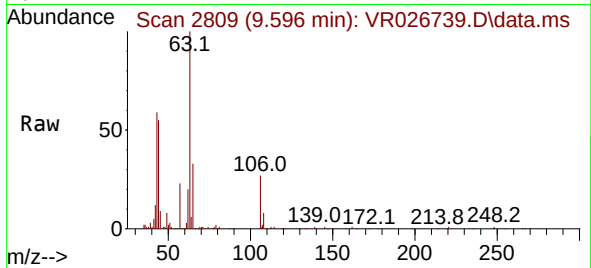




#57
2-Chloroethyl Vinyl ether
Concen: 441.637 ug/l
RT: 9.596 min Scan# 21
Delta R.T. 0.003 min
Lab File: VR026739.D
Acq: 11 Aug 2025 15:07

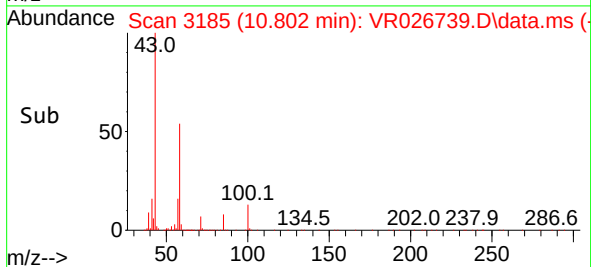
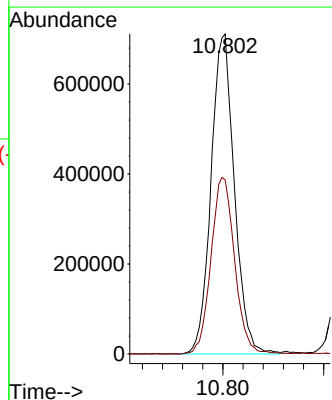
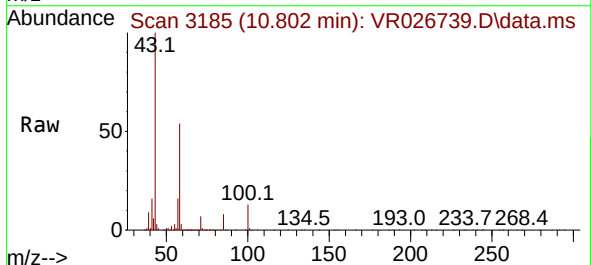
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

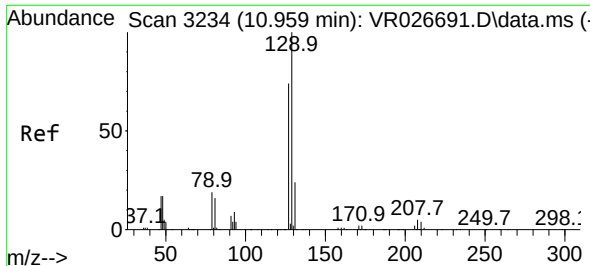
Tgt Ion: 63 Resp: 131705
Ion Ratio Lower Upper
63 100
106 27.2 22.5 33.7



#58
2-Hexanone
Concen: 346.360 ug/l
RT: 10.802 min Scan# 3185
Delta R.T. 0.003 min
Lab File: VR026739.D
Acq: 11 Aug 2025 15:07

Tgt Ion: 43 Resp: 1142159
Ion Ratio Lower Upper
43 100
58 56.0 28.8 86.4

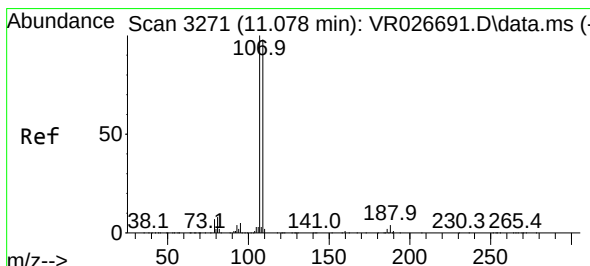
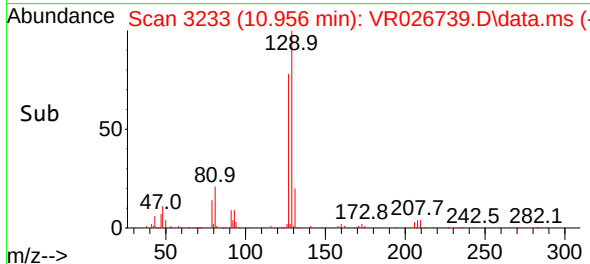
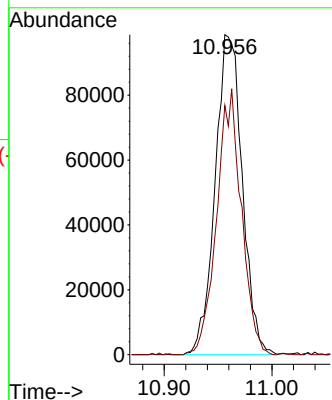
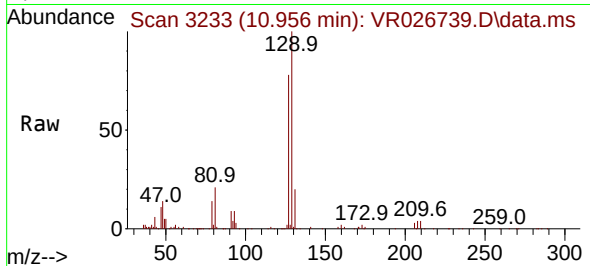




#59
Dibromochloromethane
Concen: 62.398 ug/l
RT: 10.956 min Scan# 31
Delta R.T. -0.003 min
Lab File: VR026739.D
Acq: 11 Aug 2025 15:07

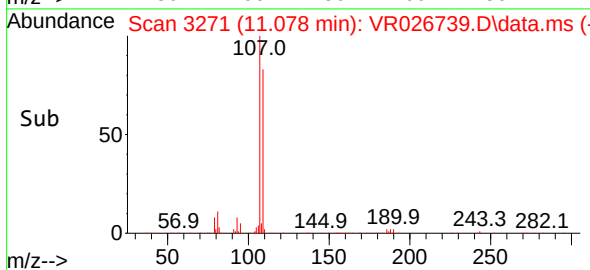
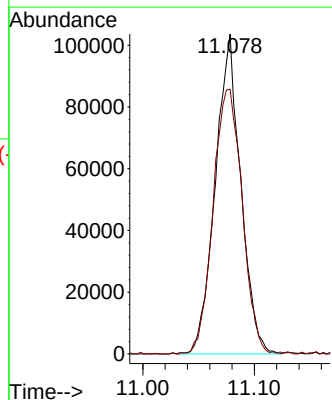
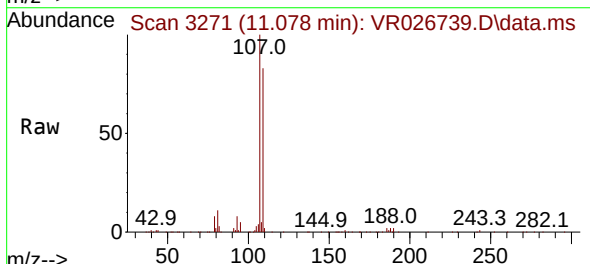
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

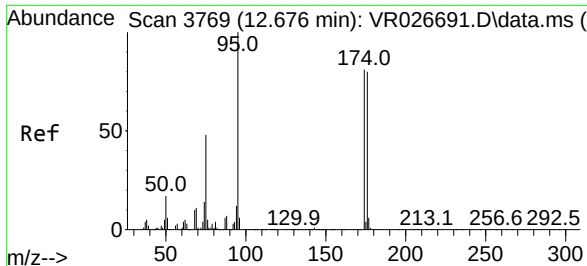
Tgt Ion:129 Resp: 172562
Ion Ratio Lower Upper
129 100
127 75.3 38.9 116.6



#60
1,2-Dibromoethane
Concen: 58.151 ug/l
RT: 11.078 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VR026739.D
Acq: 11 Aug 2025 15:07

Tgt Ion:107 Resp: 163546
Ion Ratio Lower Upper
107 100
109 95.0 75.9 113.9

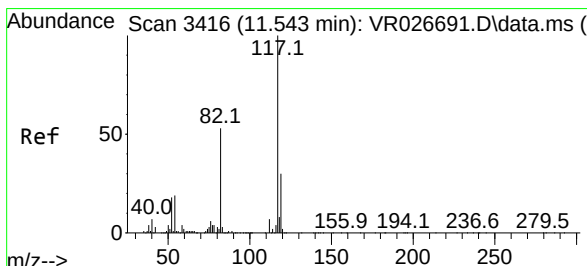
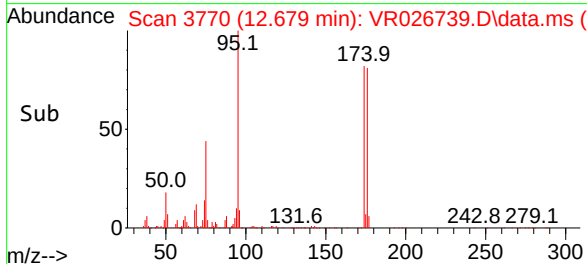
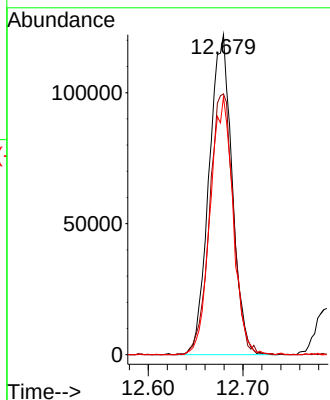
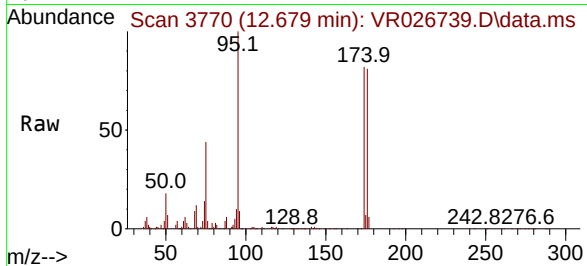




#61
4-Bromofluorobenzene
Concen: 52.575 ug/l
RT: 12.679 min Scan# 31
Delta R.T. 0.003 min
Lab File: VR026739.D
Acq: 11 Aug 2025 15:07

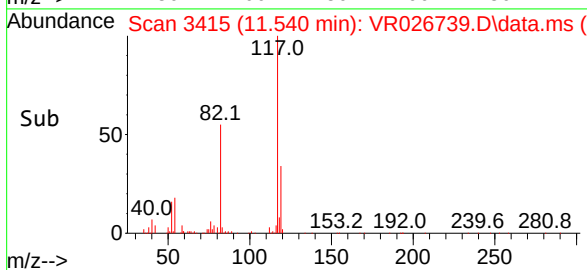
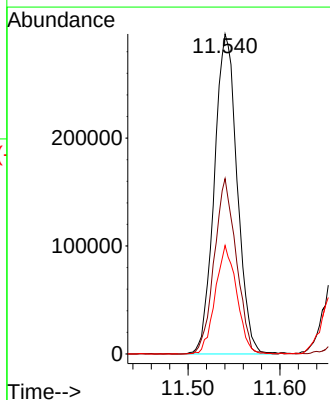
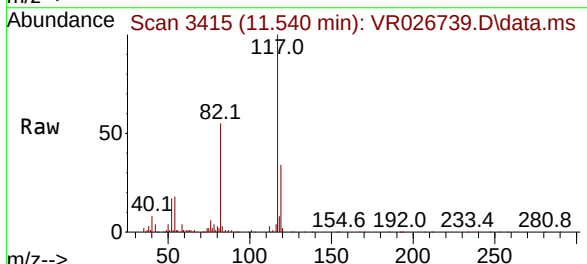
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

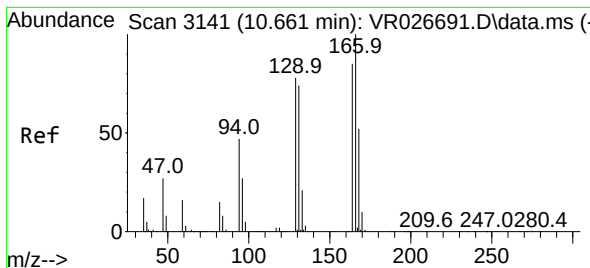
Tgt Ion: 95 Resp: 206697
Ion Ratio Lower Upper
95 100
174 84.1 0.0 158.4
176 79.9 0.0 149.0



#62
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.540 min Scan# 3415
Delta R.T. -0.003 min
Lab File: VR026739.D
Acq: 11 Aug 2025 15:07

Tgt Ion: 117 Resp: 512359
Ion Ratio Lower Upper
117 100
82 54.8 42.0 63.0
119 33.9 23.9 35.9





#63

Tetrachloroethene

Concen: 48.324 ug/l

RT: 10.655 min Scan# 3139

Delta R.T. -0.006 min

Lab File: VR026739.D

Acq: 11 Aug 2025 15:07

Instrument :

MSVOA_R

ClientSampleId :

VSTDCCC050EC

Tgt Ion:164 Resp: 135257

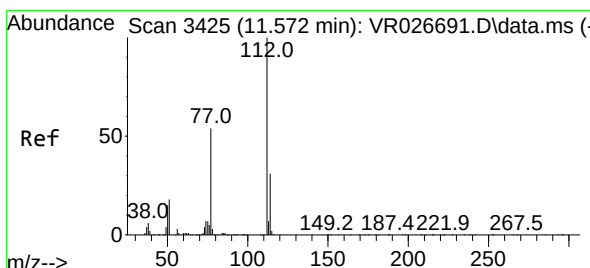
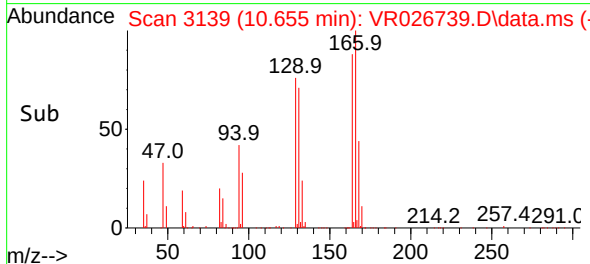
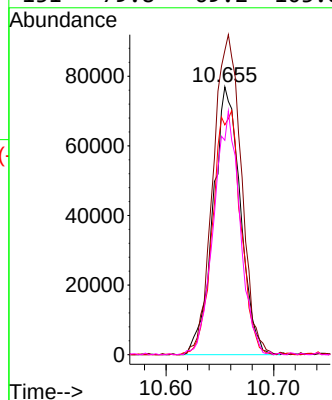
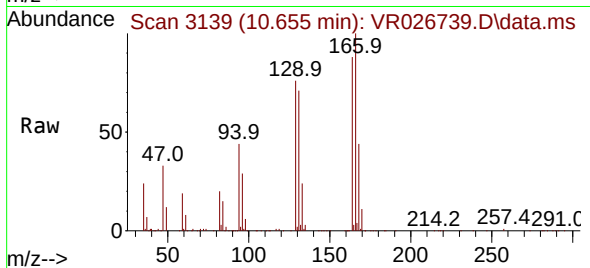
Ion Ratio Lower Upper

164 100

166 113.6 93.7 140.5

129 85.8 73.4 110.2

131 79.8 69.2 103.8



#64

Chlorobenzene

Concen: 49.135 ug/l

RT: 11.572 min Scan# 3425

Delta R.T. 0.000 min

Lab File: VR026739.D

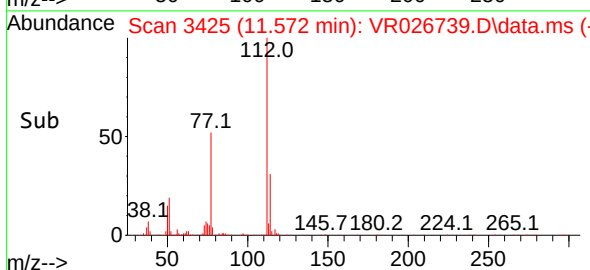
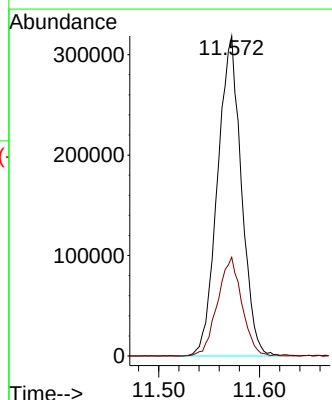
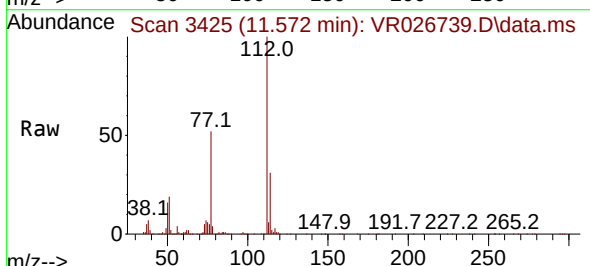
Acq: 11 Aug 2025 15:07

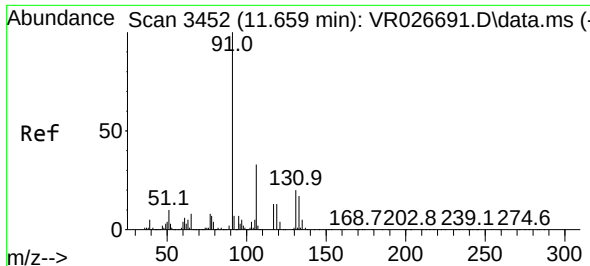
Tgt Ion:112 Resp: 523928

Ion Ratio Lower Upper

112 100

114 30.9 25.0 37.6

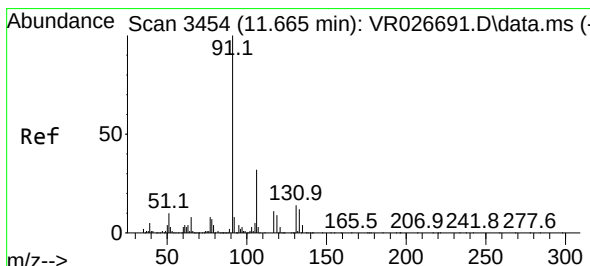
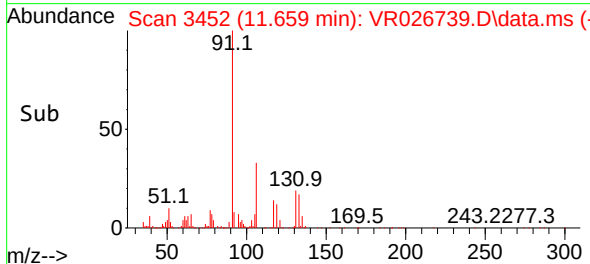
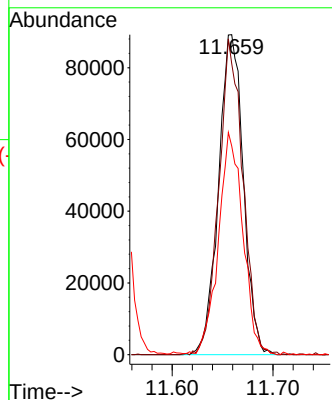
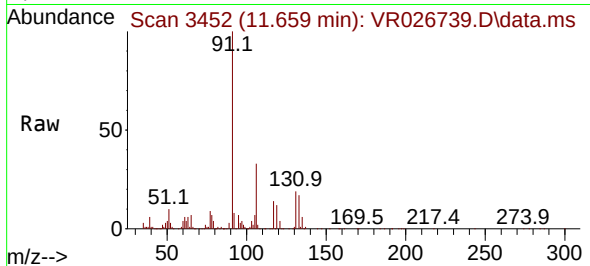




#65
1,1,1,2-Tetrachloroethane
Concen: 52.343 ug/l
RT: 11.659 min Scan# 3452
Delta R.T. 0.000 min
Lab File: VR026739.D
Acq: 11 Aug 2025 15:07

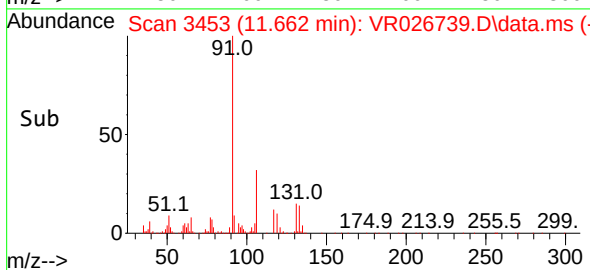
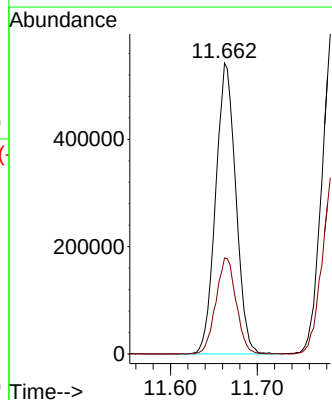
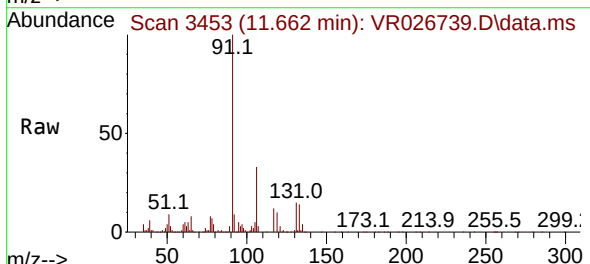
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

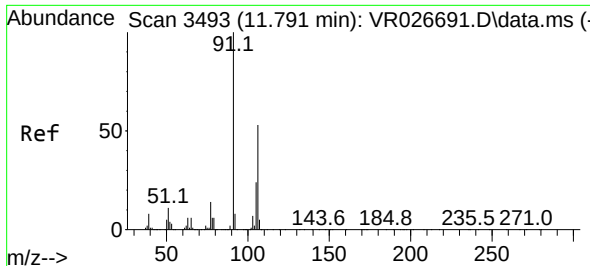
Tgt Ion:131 Resp: 152445
Ion Ratio Lower Upper
131 100
133 95.9 46.2 138.5
119 68.6 35.7 107.1



#66
Ethyl Benzene
Concen: 49.040 ug/l
RT: 11.662 min Scan# 3453
Delta R.T. -0.003 min
Lab File: VR026739.D
Acq: 11 Aug 2025 15:07

Tgt Ion: 91 Resp: 873129
Ion Ratio Lower Upper
91 100
106 33.0 25.4 38.0

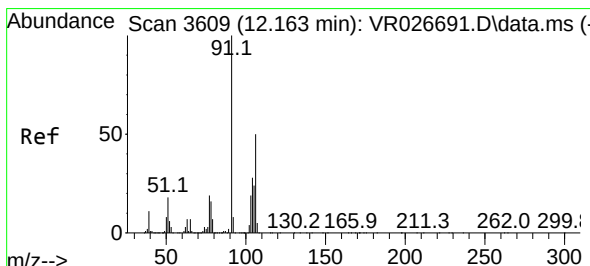
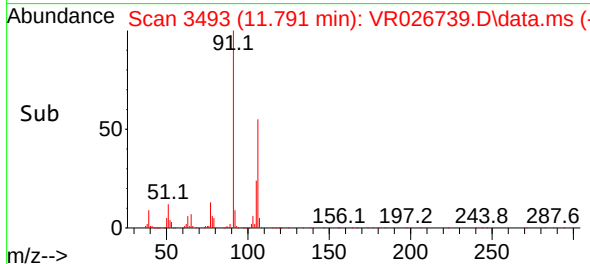
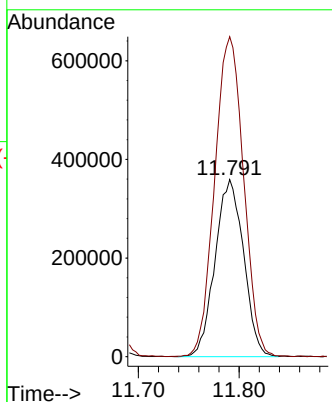
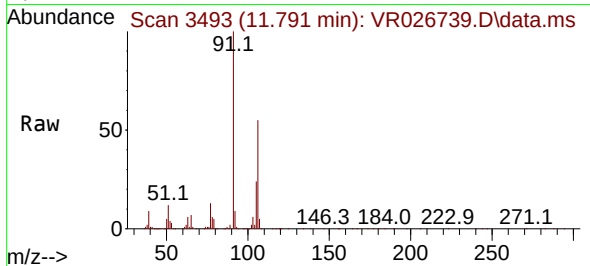




#67
m/p-Xylenes
Concen: 99.115 ug/l
RT: 11.791 min Scan# 3493
Delta R.T. 0.000 min
Lab File: VR026739.D
Acq: 11 Aug 2025 15:07

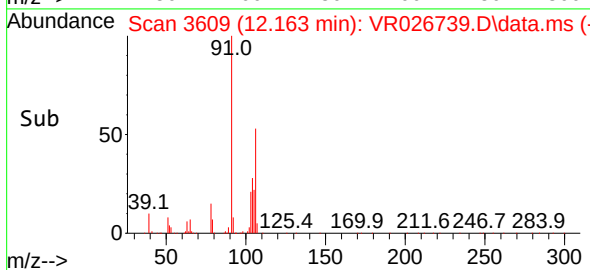
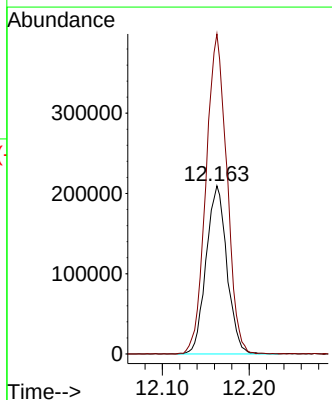
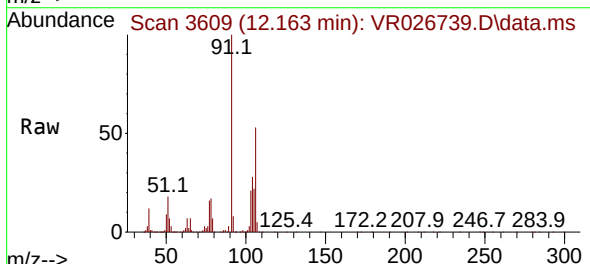
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

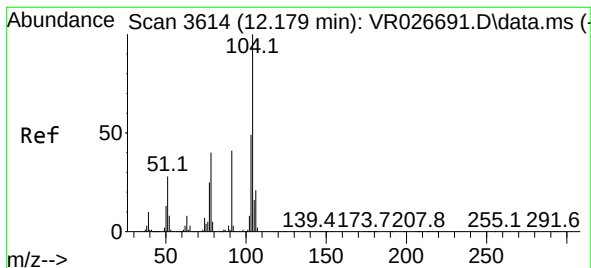
Tgt Ion:106 Resp: 705029
Ion Ratio Lower Upper
106 100
91 183.4 146.8 220.2



#68
o-Xylene
Concen: 50.496 ug/l
RT: 12.163 min Scan# 3609
Delta R.T. 0.000 min
Lab File: VR026739.D
Acq: 11 Aug 2025 15:07

Tgt Ion:106 Resp: 348672
Ion Ratio Lower Upper
106 100
91 191.2 97.9 293.6





#69

Styrene

Concen: 52.227 ug/l

RT: 12.179 min Scan# 30

Delta R.T. 0.000 min

Lab File: VR026739.D

Acq: 11 Aug 2025 15:07

Instrument :

MSVOA_R

ClientSampleId :

VSTDCCC050EC

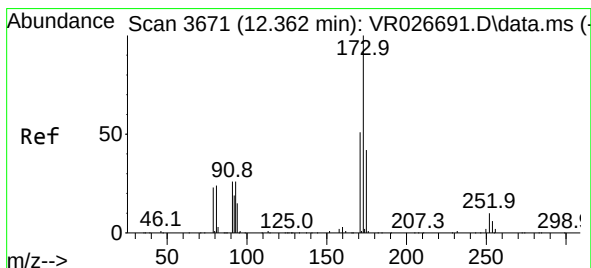
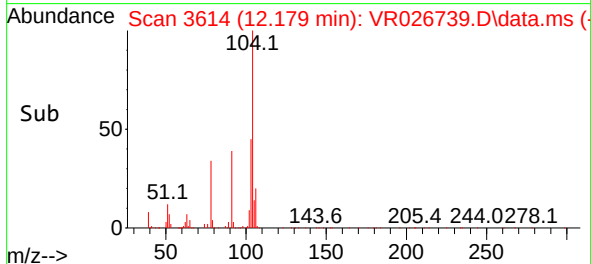
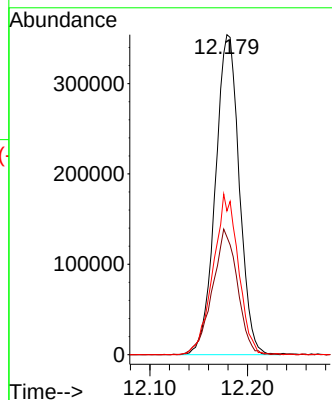
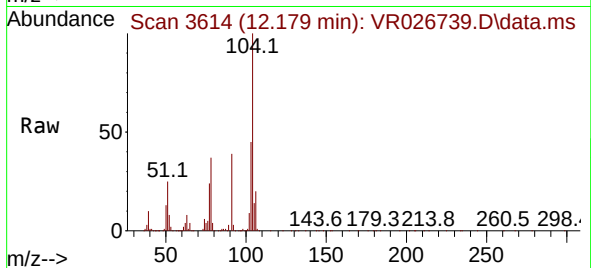
Tgt Ion:104 Resp: 602637

Ion Ratio Lower Upper

104 100

78 41.2 34.5 51.7

103 53.0 43.2 64.8



#70

Bromoform

Concen: 61.340 ug/l

RT: 12.359 min Scan# 3670

Delta R.T. -0.003 min

Lab File: VR026739.D

Acq: 11 Aug 2025 15:07

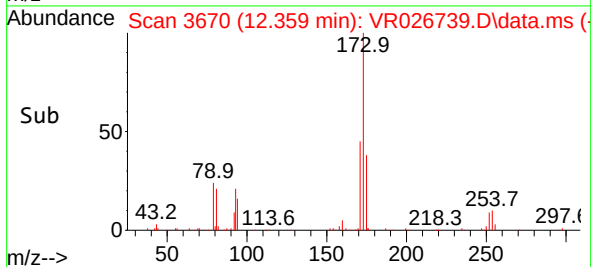
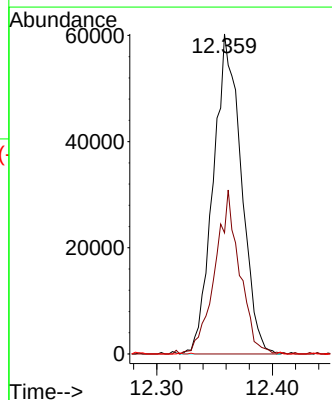
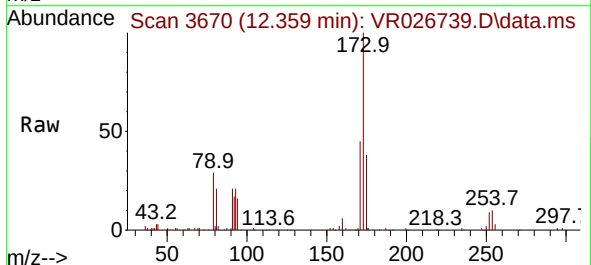
Tgt Ion:173 Resp: 101106

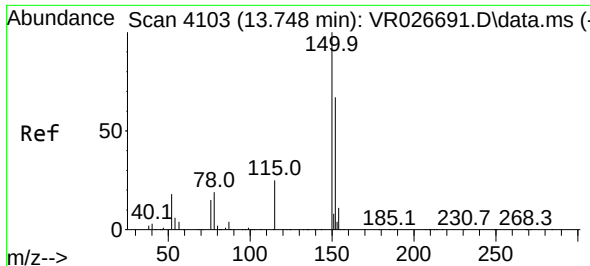
Ion Ratio Lower Upper

173 100

175 45.3 23.6 71.0

254 0.0 0.1 0.1#

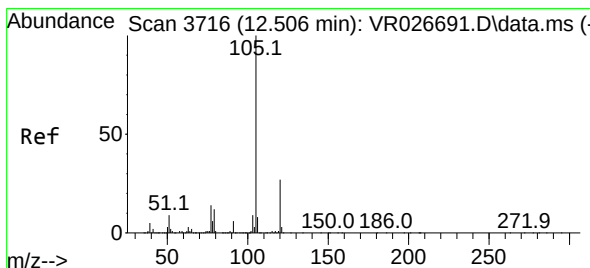
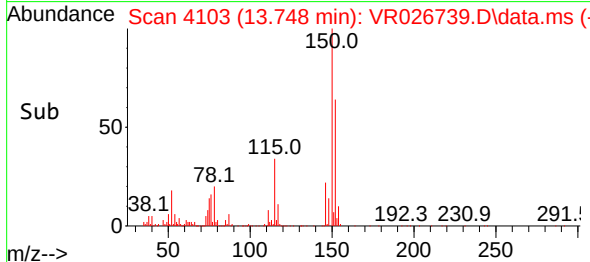
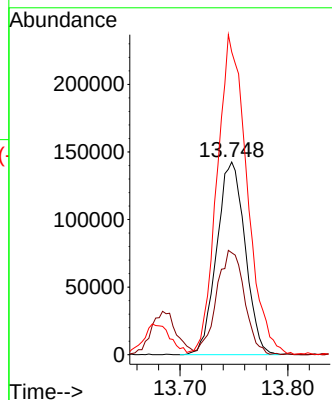
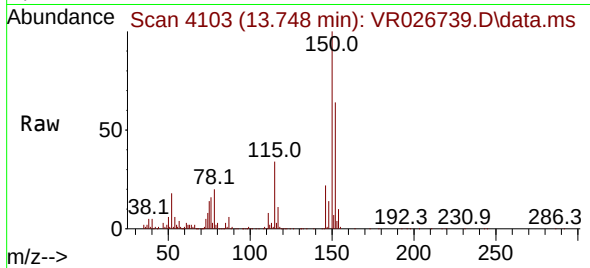




#71
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.748 min Scan# 4103
Delta R.T. 0.000 min
Lab File: VR026739.D
Acq: 11 Aug 2025 15:07

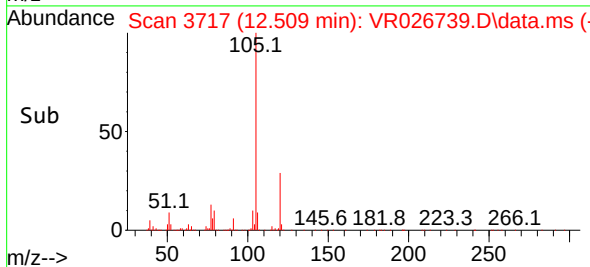
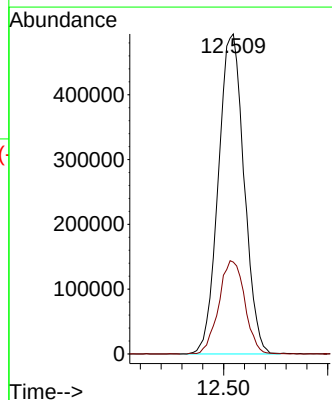
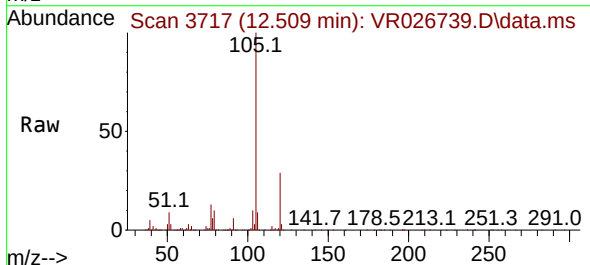
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

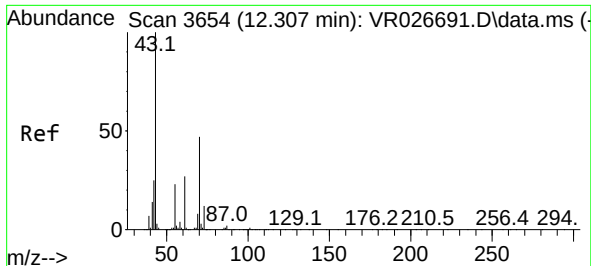
Tgt Ion:152 Resp: 260796
Ion Ratio Lower Upper
152 100
115 53.3 27.8 83.4
150 174.6 0.0 350.4



#72
Isopropylbenzene
Concen: 45.491 ug/l
RT: 12.509 min Scan# 3717
Delta R.T. 0.003 min
Lab File: VR026739.D
Acq: 11 Aug 2025 15:07

Tgt Ion:105 Resp: 845598
Ion Ratio Lower Upper
105 100
120 29.5 14.2 42.8

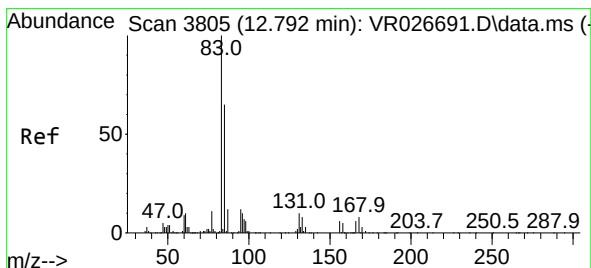
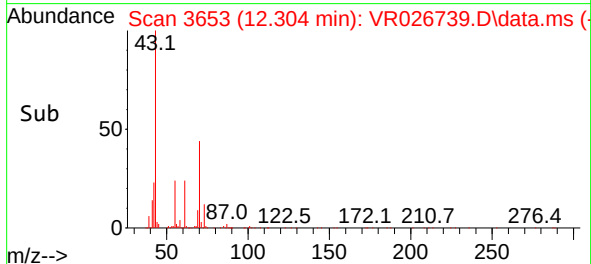
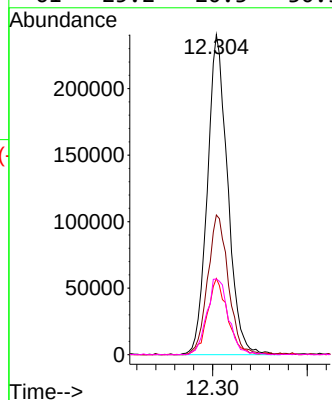
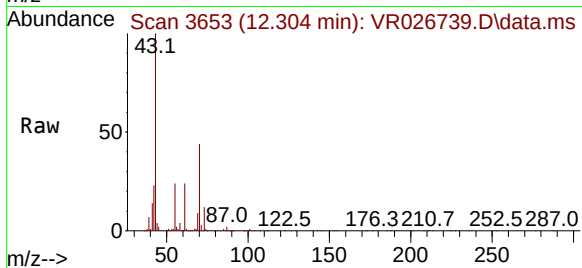




#73
N-amy1 acetate
Concen: 48.513 ug/l
RT: 12.304 min Scan# 3
Delta R.T. -0.003 min
Lab File: VR026739.D
Acq: 11 Aug 2025 15:07

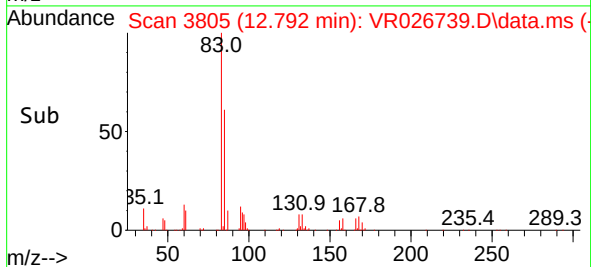
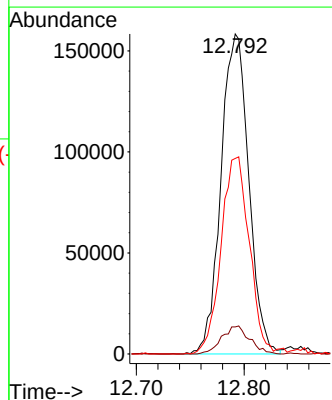
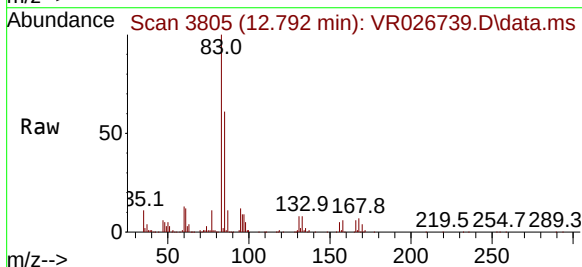
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

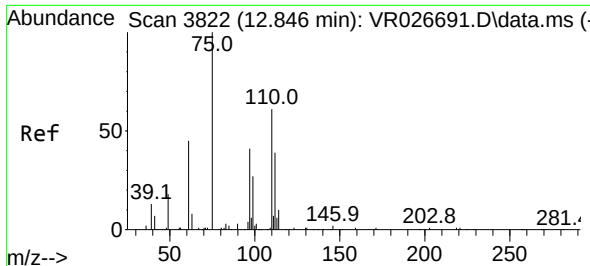
Tgt Ion: 43	Resp: 357549
Ion Ratio	Lower Upper
43 100	
70 44.7	36.4 54.6
55 23.7	18.7 28.1
61 25.2	20.3 30.5



#74
1,1,2,2-Tetrachloroethane
Concen: 52.049 ug/l
RT: 12.792 min Scan# 3805
Delta R.T. 0.000 min
Lab File: VR026739.D
Acq: 11 Aug 2025 15:07

Tgt Ion: 83	Resp: 283863
Ion Ratio	Lower Upper
83 100	
131 8.8	4.2 12.4
85 62.5	32.3 96.8

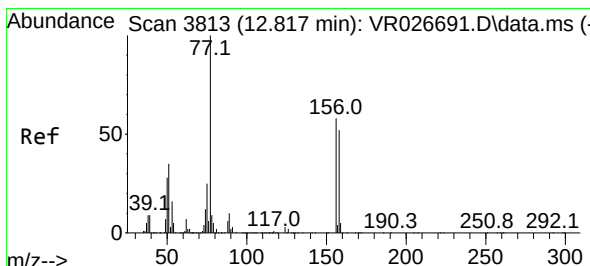
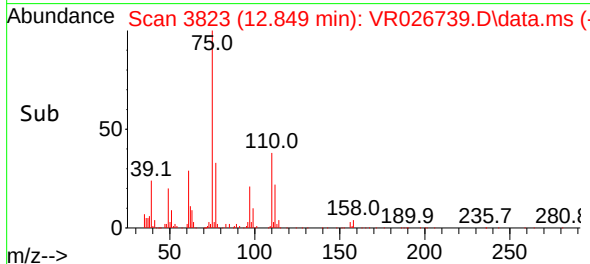
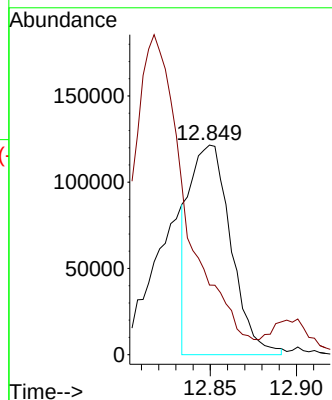
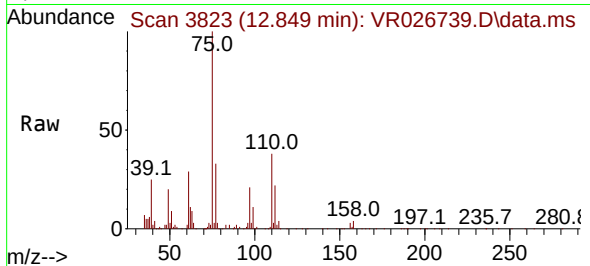




#75
1,2,3-Trichloropropane
Concen: 46.750 ug/l m
RT: 12.849 min Scan# 3823
Delta R.T. 0.003 min
Lab File: VR026739.D
Acq: 11 Aug 2025 15:07

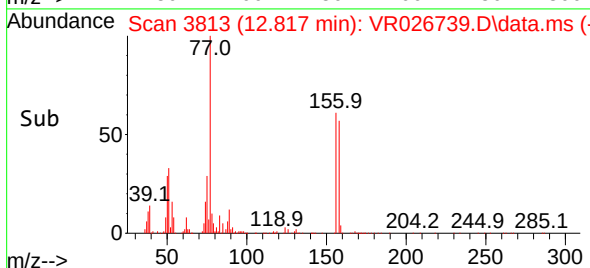
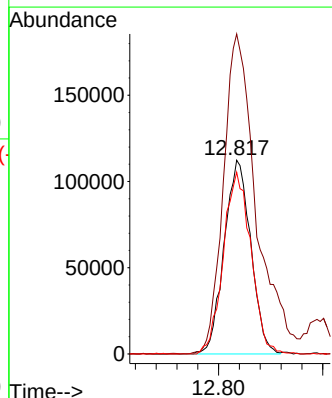
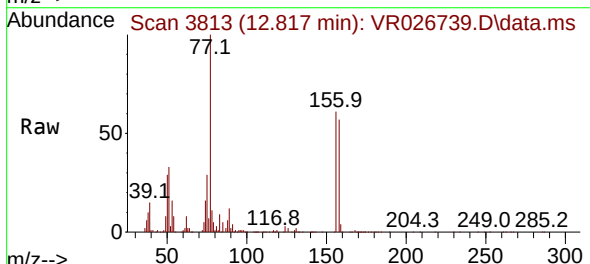
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

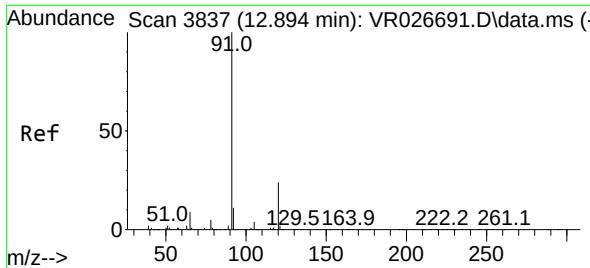
Tgt Ion: 75 Resp: 202097
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#76
Bromobenzene
Concen: 46.405 ug/l
RT: 12.817 min Scan# 3813
Delta R.T. 0.000 min
Lab File: VR026739.D
Acq: 11 Aug 2025 15:07

Tgt Ion:156 Resp: 199623
Ion Ratio Lower Upper
156 100
77 203.7 105.5 316.4
158 97.1 46.4 139.1

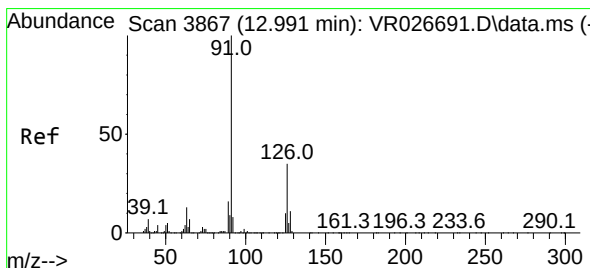
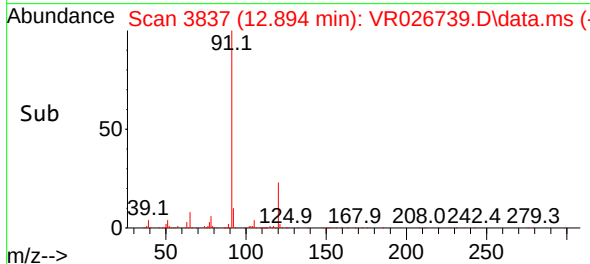
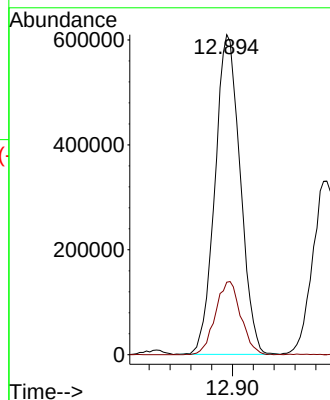
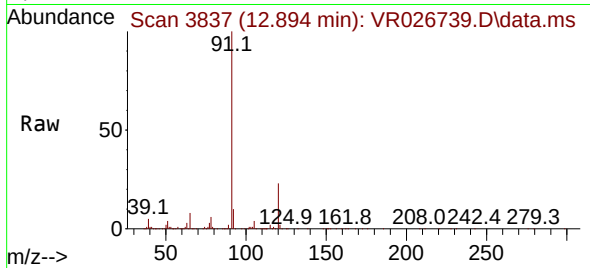




#77
n-propylbenzene
Concen: 46.162 ug/l
RT: 12.894 min Scan# 3837
Delta R.T. 0.000 min
Lab File: VR026739.D
Acq: 11 Aug 2025 15:07

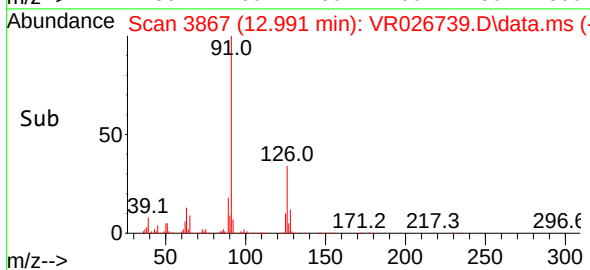
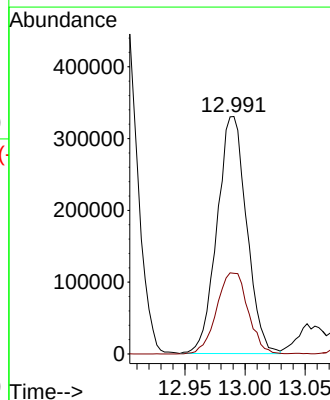
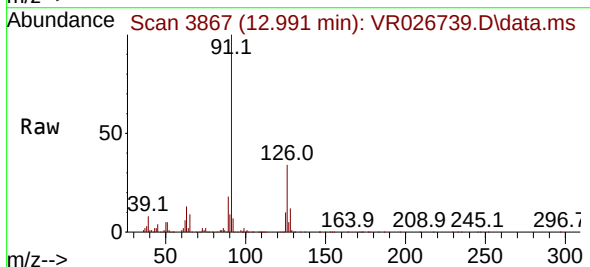
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

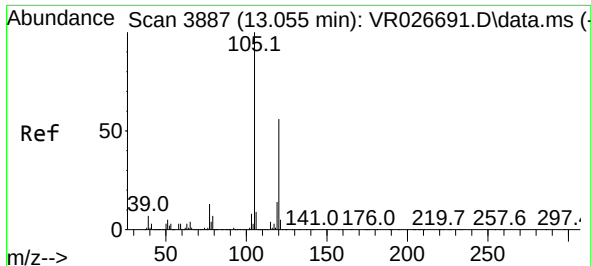
Tgt Ion: 91 Resp: 1023728
Ion Ratio Lower Upper
91 100
120 23.1 11.9 35.9



#78
2-Chlorotoluene
Concen: 44.970 ug/l
RT: 12.991 min Scan# 3867
Delta R.T. 0.000 min
Lab File: VR026739.D
Acq: 11 Aug 2025 15:07

Tgt Ion: 91 Resp: 565825
Ion Ratio Lower Upper
91 100
126 36.2 17.5 52.6

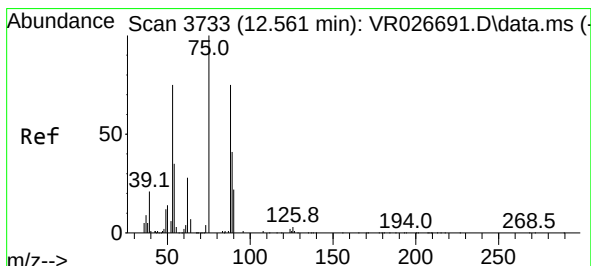
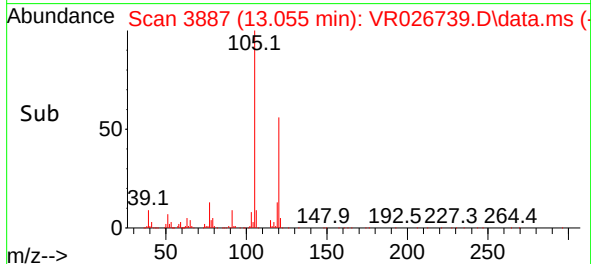
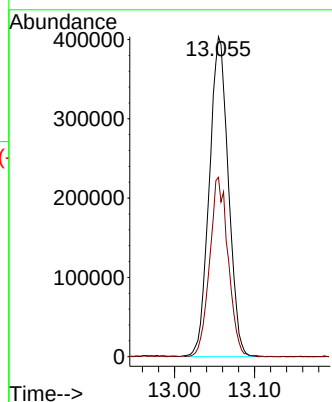
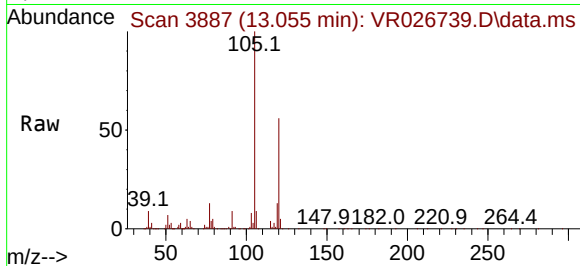




#79
1,3,5-Trimethylbenzene
Concen: 45.903 ug/l
RT: 13.055 min Scan# 3887
Delta R.T. 0.000 min
Lab File: VR026739.D
Acq: 11 Aug 2025 15:07

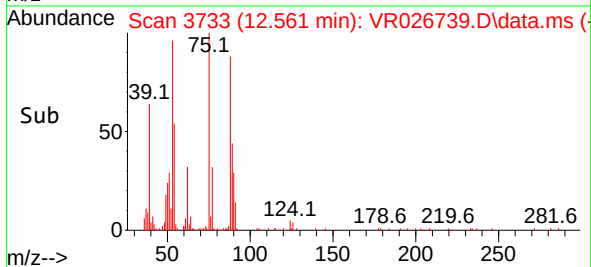
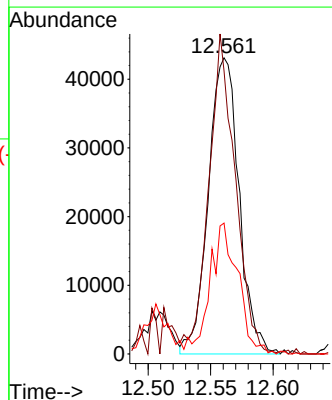
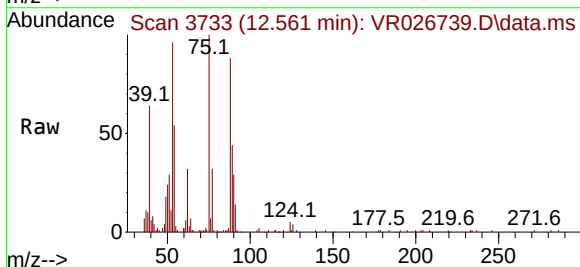
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

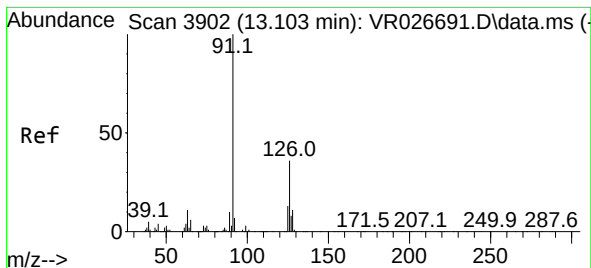
Tgt Ion:105 Resp: 667229
Ion Ratio Lower Upper
105 100
120 54.4 26.6 79.7



#80
trans-1,4-Dichloro-2-butene
Concen: 49.702 ug/l
RT: 12.561 min Scan# 3733
Delta R.T. 0.000 min
Lab File: VR026739.D
Acq: 11 Aug 2025 15:07

Tgt Ion: 75 Resp: 73771
Ion Ratio Lower Upper
75 100
53 91.3 67.8 101.6
89 40.4 34.6 52.0

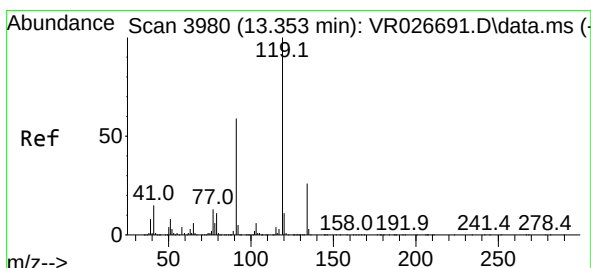
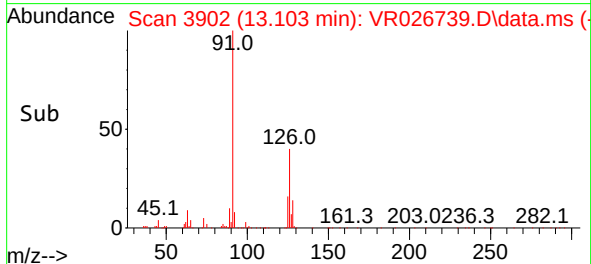
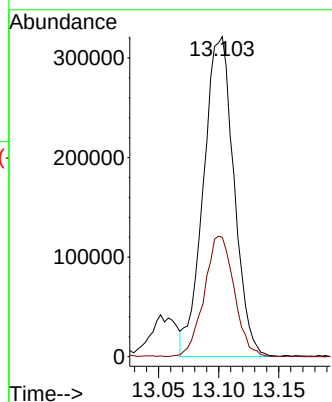
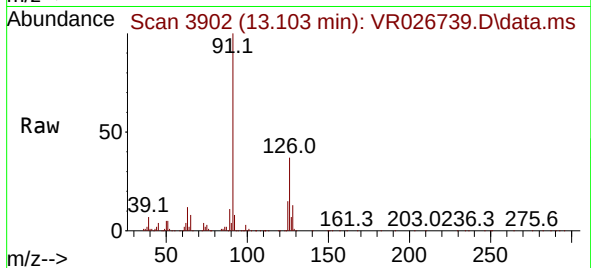




#81
4-Chlorotoluene
Concen: 44.062 ug/l
RT: 13.103 min Scan# 3902
Delta R.T. 0.000 min
Lab File: VR026739.D
Acq: 11 Aug 2025 15:07

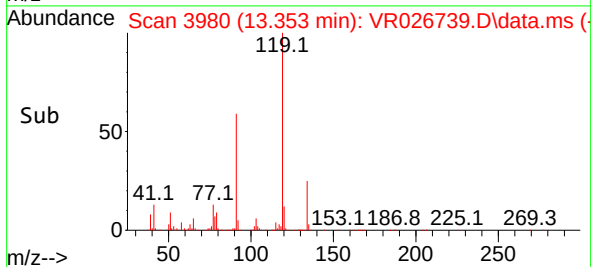
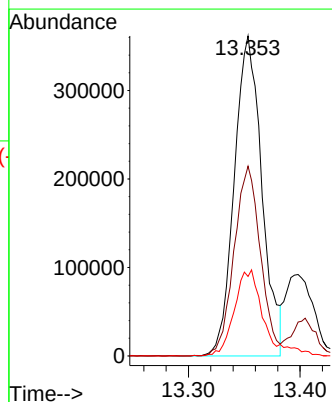
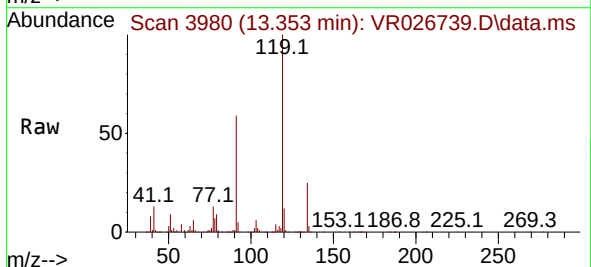
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

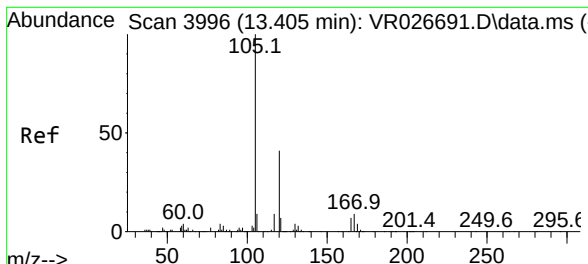
Tgt Ion: 91 Resp: 566354
Ion Ratio Lower Upper
91 100
126 36.8 17.8 53.3



#82
tert-Butylbenzene
Concen: 47.028 ug/l
RT: 13.353 min Scan# 3980
Delta R.T. 0.000 min
Lab File: VR026739.D
Acq: 11 Aug 2025 15:07

Tgt Ion: 119 Resp: 621777
Ion Ratio Lower Upper
119 100
91 56.8 29.9 89.7
134 28.5 13.5 40.4



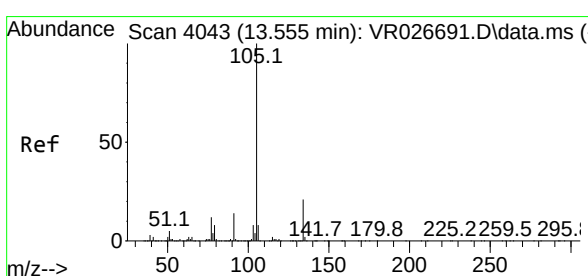
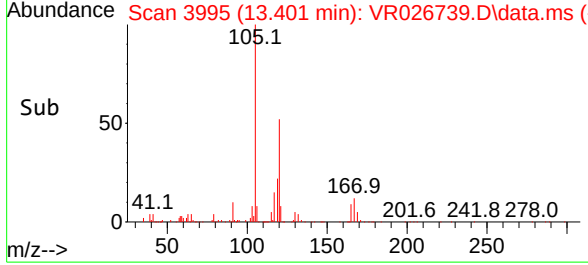
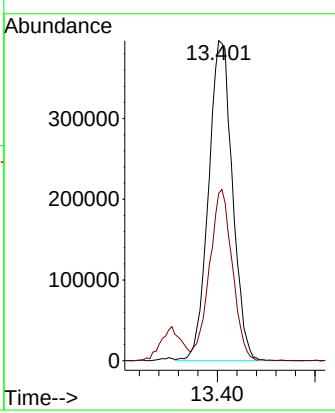
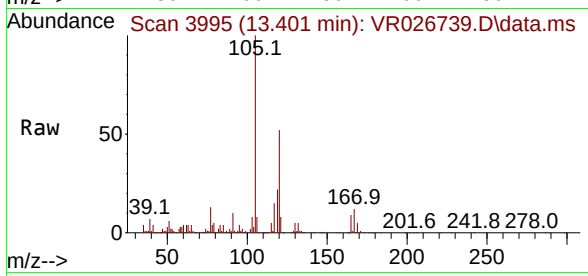


#83
 1,2,4-Trimethylbenzene
 Concen: 46.948 ug/l
 RT: 13.401 min Scan# 3995
 Delta R.T. -0.003 min
 Lab File: VR026739.D
 Acq: 11 Aug 2025 15:07

Instrument : MSVOA_R
 ClientSampleId : VSTDCCC050EC

Tgt Ion:105 Resp: 675516

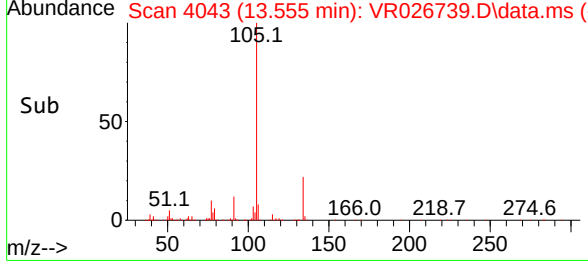
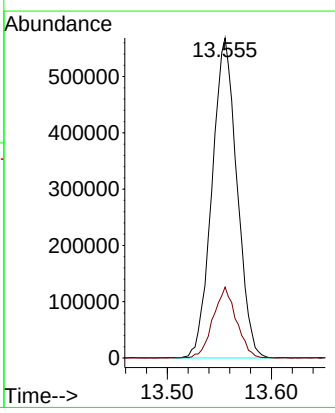
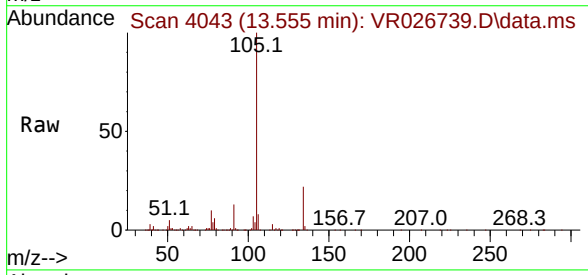
Ion	Ratio	Lower	Upper
105	100		
120	51.3	25.0	75.0

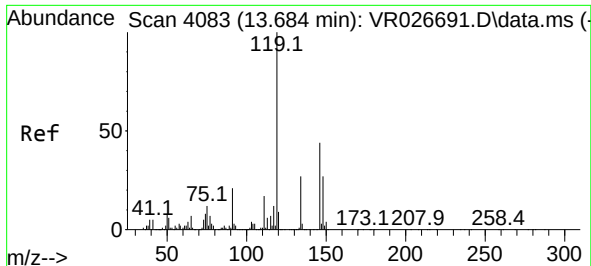


#84
 sec-Butylbenzene
 Concen: 48.196 ug/l
 RT: 13.555 min Scan# 4043
 Delta R.T. 0.000 min
 Lab File: VR026739.D
 Acq: 11 Aug 2025 15:07

Tgt Ion:105 Resp: 945004

Ion	Ratio	Lower	Upper
105	100		
134	20.7	10.4	31.1

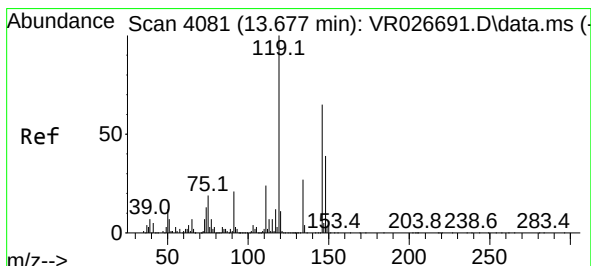
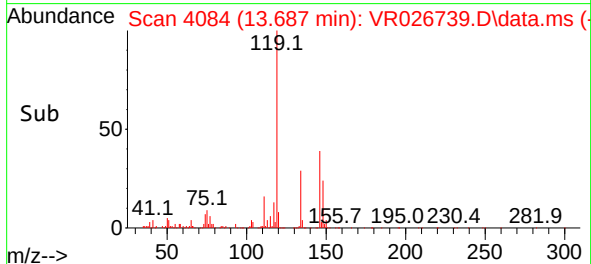
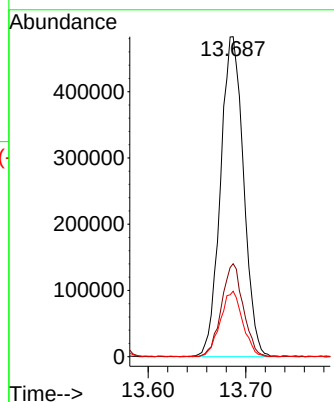
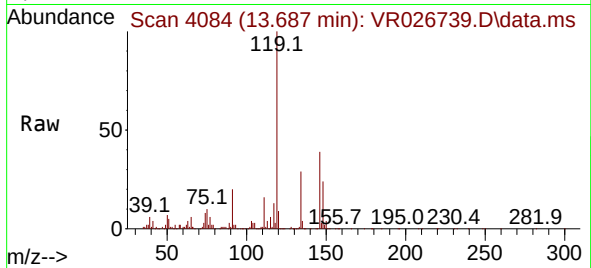




#85
p-Isopropyltoluene
Concen: 49.658 ug/l
RT: 13.687 min Scan# 4084
Delta R.T. 0.003 min
Lab File: VR026739.D
Acq: 11 Aug 2025 15:07

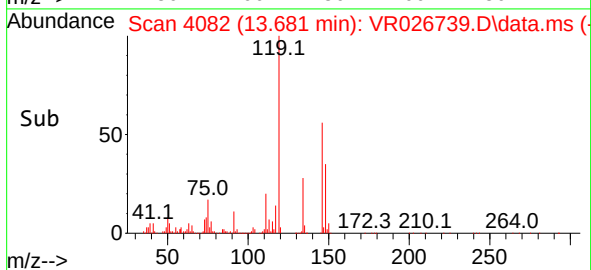
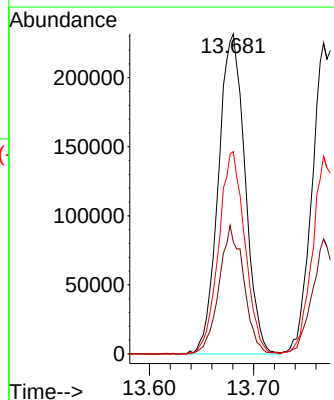
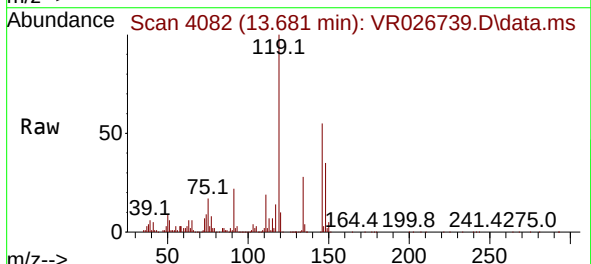
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

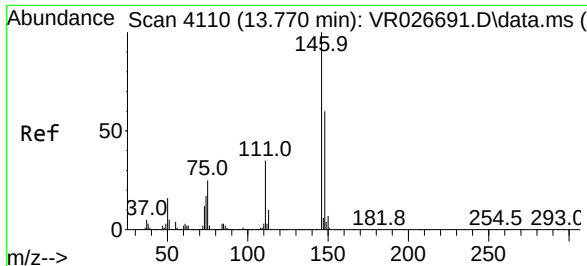
Tgt Ion:119 Resp: 793883
Ion Ratio Lower Upper
119 100
134 27.5 13.9 41.7
91 19.9 10.4 31.2



#86
1,3-Dichlorobenzene
Concen: 48.817 ug/l
RT: 13.681 min Scan# 4082
Delta R.T. 0.003 min
Lab File: VR026739.D
Acq: 11 Aug 2025 15:07

Tgt Ion:146 Resp: 411701
Ion Ratio Lower Upper
146 100
111 37.2 19.4 58.2
148 62.2 31.4 94.3

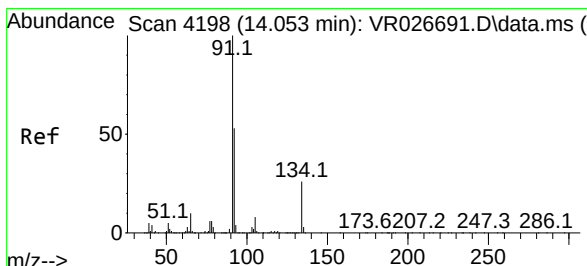
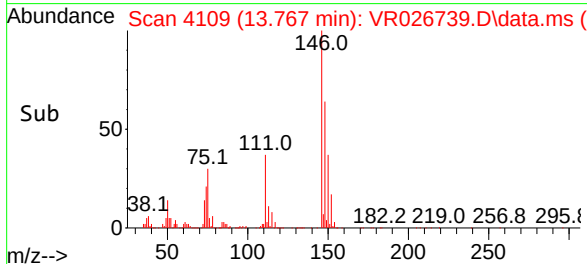
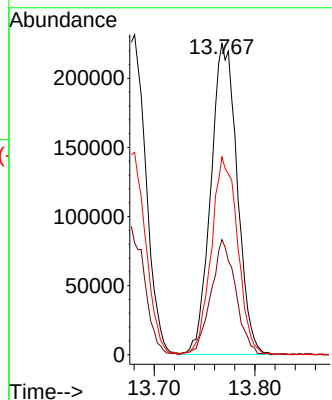
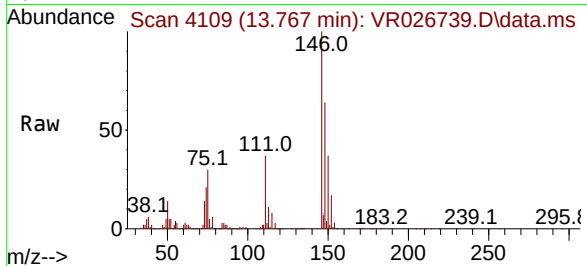




#87
 1,4-Dichlorobenzene
 Concen: 48.406 ug/l
 RT: 13.767 min Scan# 4110
 Delta R.T. -0.003 min
 Lab File: VR026739.D
 Acq: 11 Aug 2025 15:07

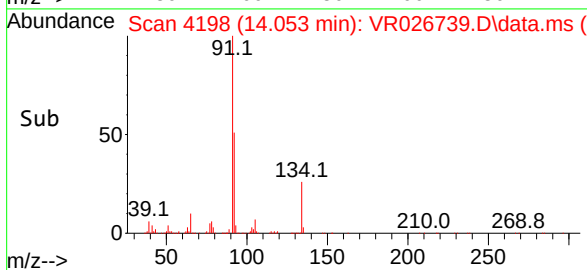
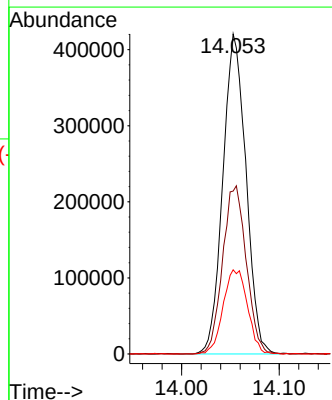
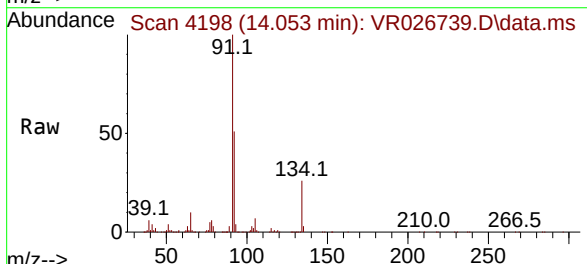
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDCCC050EC

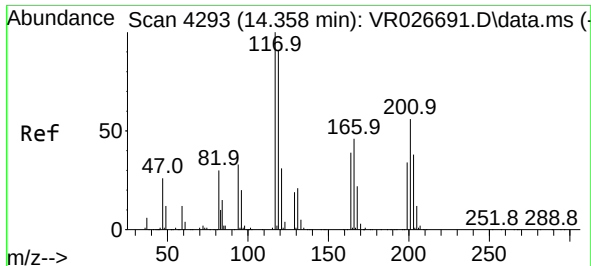
Tgt Ion:146 Resp: 409745
 Ion Ratio Lower Upper
 146 100
 111 34.5 19.1 57.3
 148 63.4 32.6 97.8



#88
 n-Butylbenzene
 Concen: 46.938 ug/l
 RT: 14.053 min Scan# 4198
 Delta R.T. 0.000 min
 Lab File: VR026739.D
 Acq: 11 Aug 2025 15:07

Tgt Ion: 91 Resp: 691625
 Ion Ratio Lower Upper
 91 100
 92 54.0 27.1 81.2
 134 27.8 13.1 39.3

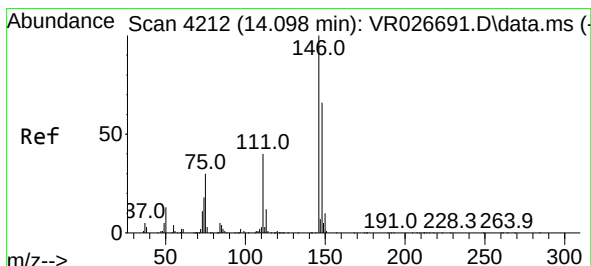
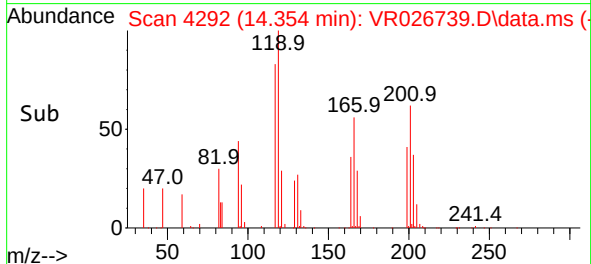
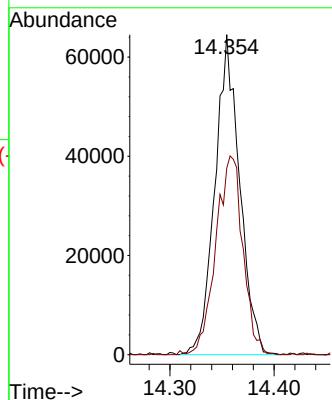
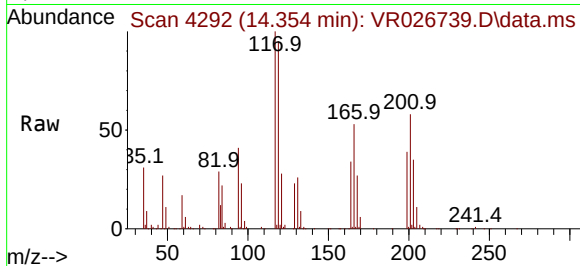




#89
Hexachloroethane
Concen: 46.219 ug/l
RT: 14.354 min Scan# 41
Delta R.T. -0.003 min
Lab File: VR026739.D
Acq: 11 Aug 2025 15:07

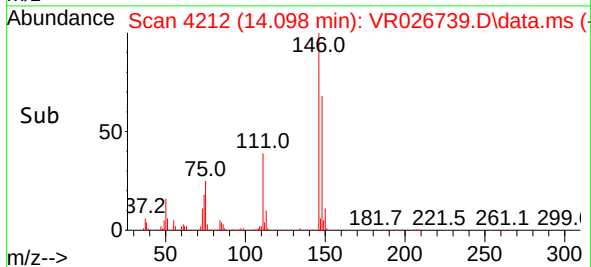
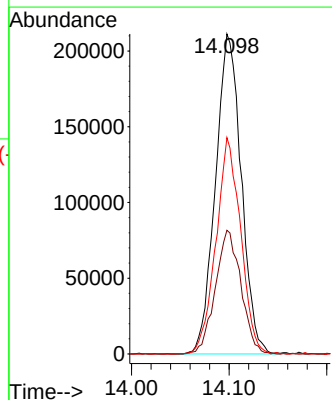
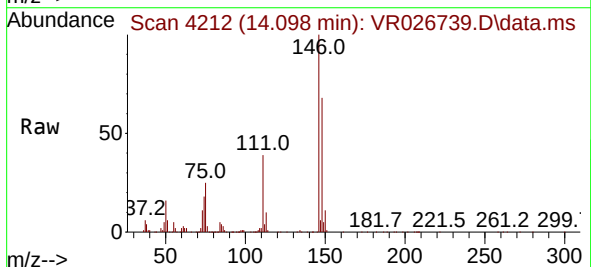
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

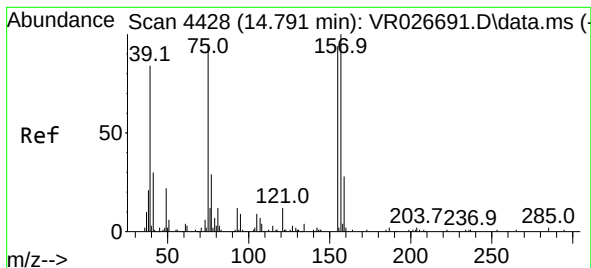
Tgt Ion:117 Resp: 106105
Ion Ratio Lower Upper
117 100
201 68.0 30.6 92.0



#90
1,2-Dichlorobenzene
Concen: 48.884 ug/l
RT: 14.098 min Scan# 4212
Delta R.T. 0.000 min
Lab File: VR026739.D
Acq: 11 Aug 2025 15:07

Tgt Ion:146 Resp: 387204
Ion Ratio Lower Upper
146 100
111 38.4 20.0 60.0
148 64.7 32.4 97.0

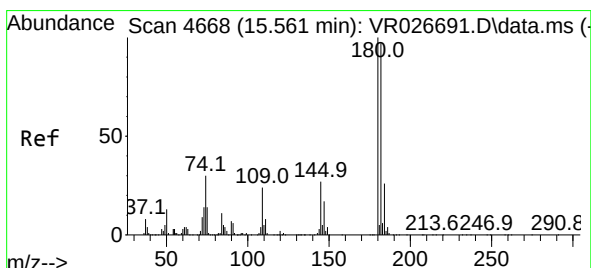
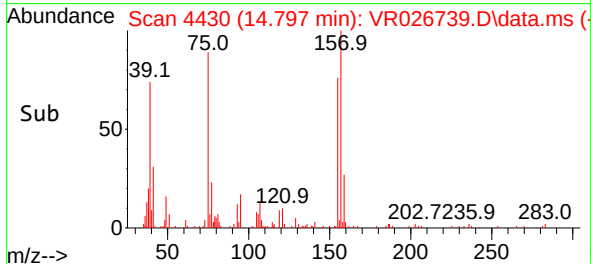
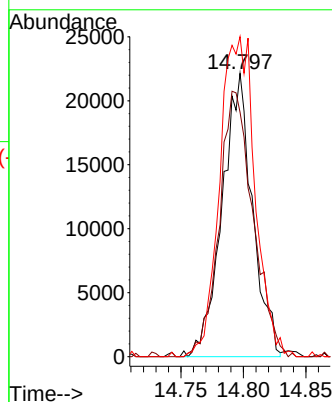
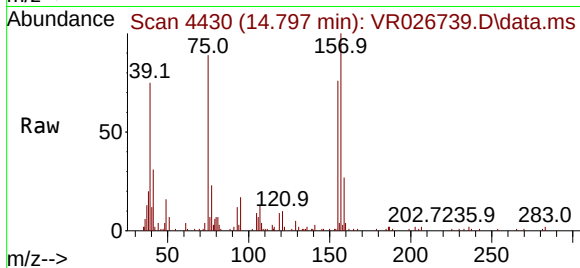




#91
 1,2-Dibromo-3-Chloropropane
 Concen: 51.559 ug/l
 RT: 14.797 min Scan# 4428
 Delta R.T. 0.006 min
 Lab File: VR026739.D
 Acq: 11 Aug 2025 15:07

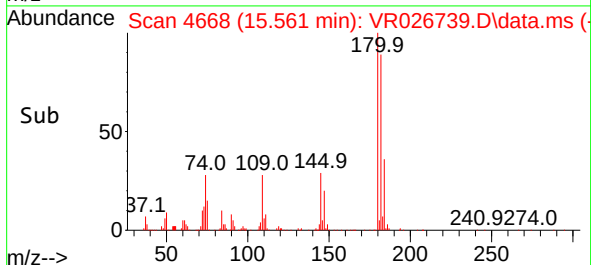
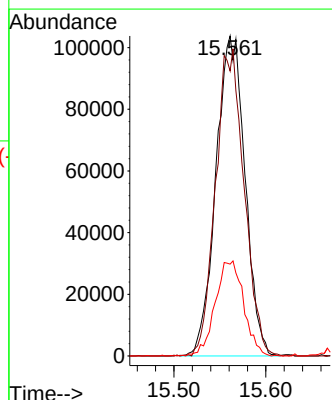
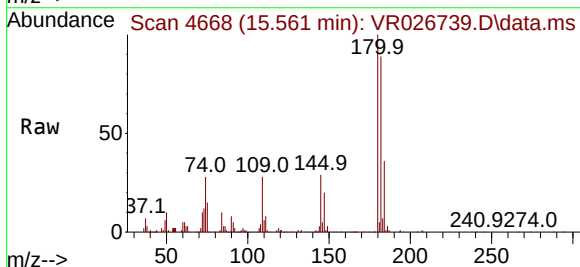
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDCCC050EC

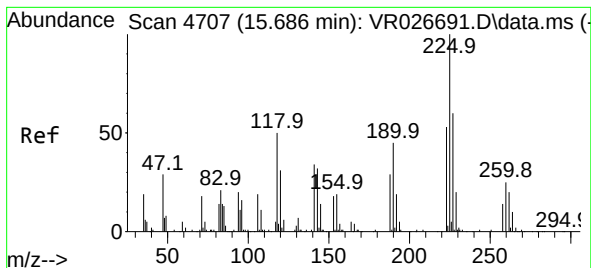
Tgt Ion: 75 Resp: 37444
 Ion Ratio Lower Upper
 75 100
 155 104.2 48.0 144.2
 157 131.4 59.5 178.4



#92
 1,2,4-Trichlorobenzene
 Concen: 48.273 ug/l
 RT: 15.561 min Scan# 4668
 Delta R.T. 0.000 min
 Lab File: VR026739.D
 Acq: 11 Aug 2025 15:07

Tgt Ion: 180 Resp: 228637
 Ion Ratio Lower Upper
 180 100
 182 93.9 47.0 141.0
 145 28.9 15.2 45.5





#93

Hexachlorobutadiene

Concen: 49.471 ug/l m

RT: 15.693 min Scan# 4709

Delta R.T. 0.006 min

Lab File: VR026739.D

Acq: 11 Aug 2025 15:07

Instrument :

MSVOA_R

ClientSampleId :

VSTDCCC050EC

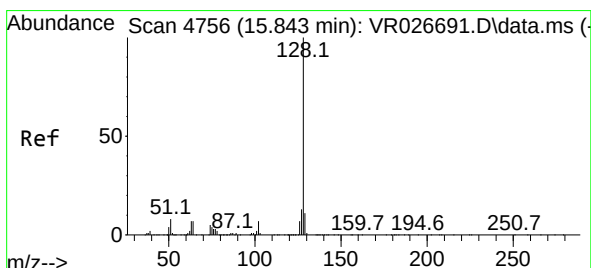
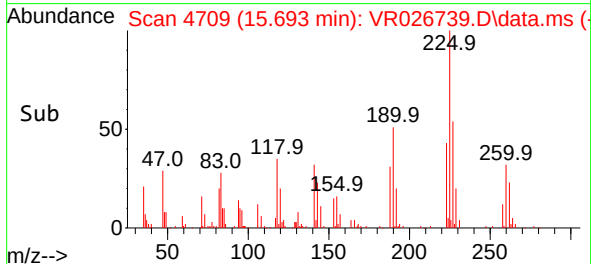
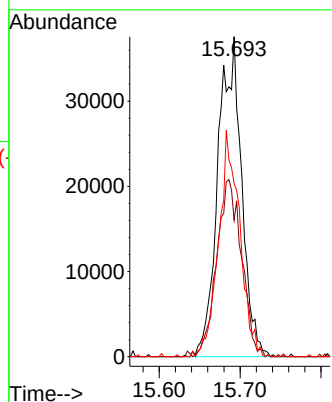
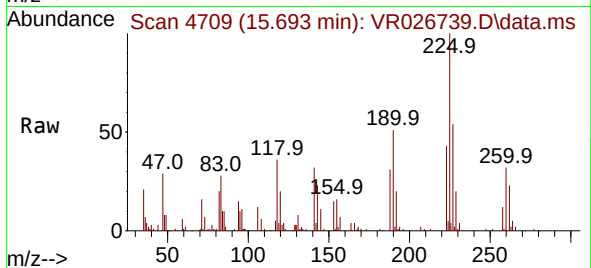
Tgt Ion:225 Resp: 76130

Ion Ratio Lower Upper

225 100

223 58.1 31.4 94.2

227 63.2 31.6 95.0



#94

Naphthalene

Concen: 50.326 ug/l

RT: 15.843 min Scan# 4756

Delta R.T. 0.000 min

Lab File: VR026739.D

Acq: 11 Aug 2025 15:07

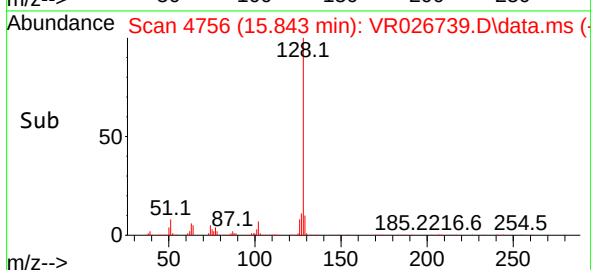
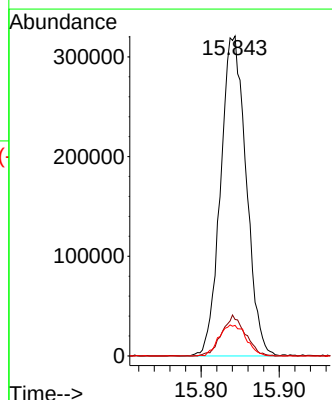
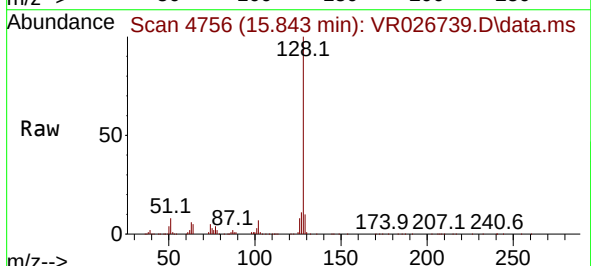
Tgt Ion:128 Resp: 730441

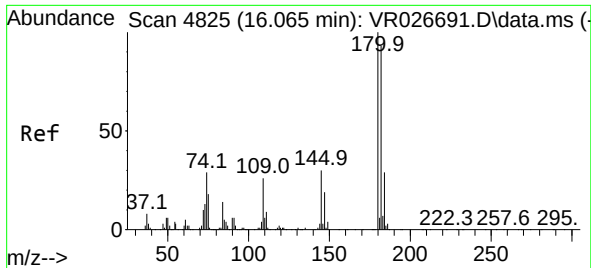
Ion Ratio Lower Upper

128 100

127 11.8 9.8 14.8

129 10.3 8.6 13.0





#95
 1,2,3-Trichlorobenzene
 Concen: 51.561 ug/l
 RT: 16.062 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VR026739.D
 Acq: 11 Aug 2025 15:07

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:180 Resp: 231848
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.2 141.6
 145 29.0 15.5 46.5

