

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR082025\
 Data File : VR026742.D
 Acq On : 20 Aug 2025 15:22
 Operator : SY/MD
 Sample : VSTDIC010
 Misc : 5mL/MSVOA_R/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDIC010

Quant Time: Aug 21 08:37:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_R\methods\82R082025W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 21 08:23:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.382	168	1966732	50.000	ug/l	0.00
33) 1,4-Difluorobenzene	8.386	114	3237777	50.000	ug/l	0.00
62) Chlorobenzene-d5	11.560	117	2550759	50.000	ug/l	0.00
71) 1,4-Dichlorobenzene-d4	13.761	152	782416	50.000	ug/l	0.00
System Monitoring Compounds						
32) 1,2-Dichloroethane-d4	7.760	65	245709	9.948	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	19.900%#
34) Dibromofluoromethane	7.289	113	208764	9.886	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	19.780%#
49) Toluene-d8	10.071	98	803634	11.352	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	22.700%#
61) 4-Bromofluorobenzene	12.686	95	198122	9.863	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	19.720%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.821	85	197122	10.607	ug/l	91
3) Chloromethane	1.817	50	19094	8.635	ug/l #	98
4) Vinyl Chloride	2.119	62	340414	11.132	ug/l	99
5) Bromomethane	2.459	94	162713	17.331	ug/l	93
6) Chloroethane	2.584	64	209612	9.895	ug/l	90
7) Trichlorofluoromethane	2.870	101	673036	11.354	ug/l	96
8) Diethyl Ether	3.229	74	183680	9.686	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.541	101	236830	9.998	ug/l	100
10) Methyl Iodide	3.707	142	244988	9.731	ug/l #	94
11) Tert butyl alcohol	4.490	59	180552	47.552	ug/l #	96
12) 1,1-Dichloroethene	3.512	96	246131	9.575	ug/l	94
13) Acrolein	3.406	56	104166	39.493	ug/l	100
14) Allyl chloride	4.044	41	466417	9.846	ug/l	99
15) Acrylonitrile	4.651	53	831034	51.175	ug/l	97
16) Acetone	3.608	43	705848	53.990	ug/l	96
17) Carbon Disulfide	3.807	76	589841	9.448	ug/l	97
18) Methyl Acetate	4.057	43	399423	10.488	ug/l	97
19) Methyl tert-butyl Ether	4.718	73	795202	9.753	ug/l	100
20) Methylene Chloride	4.240	84	107949	3.870	ug/l	94
21) trans-1,2-Dichloroethene	4.699	96	263510	9.804	ug/l	99
22) Diisopropyl ether	5.610	45	995827	10.218	ug/l	95
23) Vinyl Acetate	5.540	43	4049172	48.979	ug/l #	72
24) 1,1-Dichloroethane	5.482	63	466792	9.733	ug/l	99
25) 2-Butanone	6.493	43	1069341	52.680	ug/l #	89
26) 2,2-Dichloropropane	6.470	77	294300	8.957	ug/l	97
27) cis-1,2-Dichloroethene	6.470	96	289437	9.515	ug/l	98
28) Bromochloromethane	6.862	49	135848	9.571	ug/l	94
29) Chloroform	7.054	83	417819	9.696	ug/l	96
30) Cyclohexane	7.369	56	524136	10.363	ug/l	94
31) 1,1,1-Trichloroethane	7.276	97	318255	9.096	ug/l #	89
35) 1,1-Dichloropropene	7.510	75	303331	9.224	ug/l	99
36) Ethyl Acetate	6.592	43	138306	3.281	ug/l #	48
37) Carbon Tetrachloride	7.494	117	247142	8.351	ug/l	98
38) Methylcyclohexane	8.938	83	407456	9.901	ug/l	97
39) Benzene	7.786	78	1053911	10.439	ug/l #	86
40) Methacrylonitrile	6.836	41	204661	9.327	ug/l	94

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) 1,2-Dichloroethane	7.869	62	264075	9.434	ug/l	98
42) Isopropyl Acetate	7.943	43	590364	9.898	ug/l	97
43) Trichloroethene	8.662	130	215509	9.784	ug/l	91
44) 1,2-Dichloropropane	8.970	63	236144	9.770	ug/l	91
45) Dibromomethane	9.073	93	137529	8.957	ug/l	93
46) Bromodichloromethane	9.291	83	265268	9.282	ug/l	97
47) Methyl methacrylate	9.079	41	264189	9.075	ug/l	99
48) 1,4-Dioxane	9.076	88	70197	187.703	ug/l	97
50) 4-Methyl-2-Pentanone	9.955	43	1782721	49.198	ug/l #	74
51) Toluene	10.141	92	581550	10.088	ug/l	82
52) t-1,3-Dichloropropene	10.398	75	232861	8.603	ug/l	97
53) cis-1,3-Dichloropropene	9.785	75	297634	9.064	ug/l	97
54) 1,1,2-Trichloroethane	10.603	97	200126	9.780	ug/l	90
55) Ethyl methacrylate	10.462	69	324928	9.232	ug/l	97
56) 1,3-Dichloropropane	10.764	76	332489	9.640	ug/l	99
57) 2-Chloroethyl Vinyl ether	9.621	63	51128	46.225	ug/l	97
58) 2-Hexanone	10.825	43	1044376	51.818	ug/l	84
59) Dibromochloromethane	10.985	129	178288	9.263	ug/l	99
60) 1,2-Dibromoethane	11.104	107	173757	9.395	ug/l	98
63) Tetrachloroethene	10.684	164	176572	9.852	ug/l	93
64) Chlorobenzene	11.592	112	582509	10.262	ug/l	95
65) 1,1,1,2-Tetrachloroethane	11.675	131	170576	8.950	ug/l	97
66) Ethyl Benzene	11.682	91	1036246	10.919	ug/l #	76
67) m/p-Xylenes	11.807	106	800154	20.148	ug/l #	70
68) o-Xylene	12.179	106	387530	9.630	ug/l	92
69) Styrene	12.195	104	558036	9.424	ug/l	91
70) Bromoform	12.375	173	94227	9.169	ug/l #	97
72) Isopropylbenzene	12.522	105	955341	11.249	ug/l	91
73) N-amyl acetate	12.320	43	240542	7.845	ug/l	98
74) 1,1,2,2-Tetrachloroethane	12.805	83	251360	10.339	ug/l	98
75) 1,2,3-Trichloropropane	12.859	75	254879	14.474	ug/l #	100
76) Bromobenzene	12.834	156	176777	9.509	ug/l	91
77) n-propylbenzene	12.907	91	1018792	11.189	ug/l	90
78) 2-Chlorotoluene	13.000	91	534464	9.940	ug/l	98
79) 1,3,5-Trimethylbenzene	13.068	105	664346	10.475	ug/l	97
80) trans-1,4-Dichloro-2-b...	12.577	75	50300	10.965	ug/l	88
81) 4-Chlorotoluene	13.113	91	466010	9.458	ug/l	98
82) tert-Butylbenzene	13.363	119	638725	10.772	ug/l	88
83) 1,2,4-Trimethylbenzene	13.414	105	581788	10.060	ug/l	100
84) sec-Butylbenzene	13.565	105	832806	10.920	ug/l	95
85) p-Isopropyltoluene	13.693	119	604442	10.199	ug/l	94
86) 1,3-Dichlorobenzene	13.690	146	267845	9.701	ug/l	96
87) 1,4-Dichlorobenzene	13.780	146	261772	9.842	ug/l	97
88) n-Butylbenzene	14.063	91	418585	9.885	ug/l	98
89) Hexachloroethane	14.361	117	94085	9.788	ug/l	96
90) 1,2-Dichlorobenzene	14.111	146	235410	10.153	ug/l	98
91) 1,2-Dibromo-3-Chloropr...	14.797	75	23656	11.319	ug/l	96
92) 1,2,4-Trichlorobenzene	15.571	180	147227	9.665	ug/l	98
93) Hexachlorobutadiene	15.699	225	50307	10.019	ug/l	98
94) Naphthalene	15.853	128	398426	9.147	ug/l	99
95) 1,2,3-Trichlorobenzene	16.078	180	142602	9.647	ug/l	98

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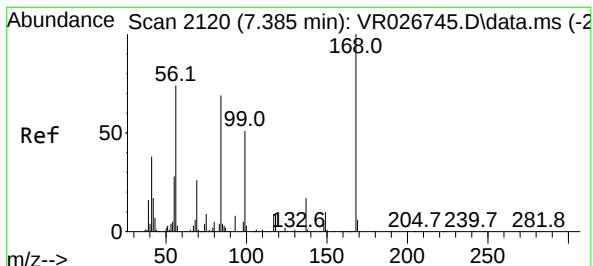
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.382 min Scan# 21

Delta R.T. -0.003 min

Lab File: VR026742.D

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Instrument :

MSVOA_R

ClientSampleId :

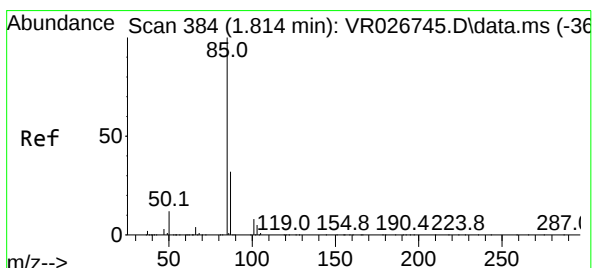
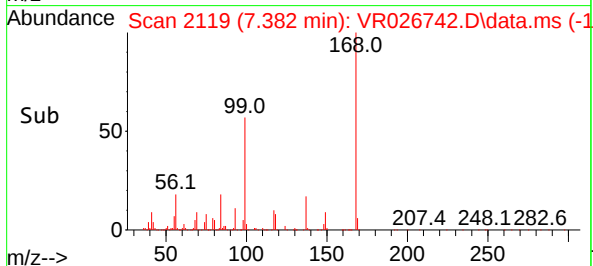
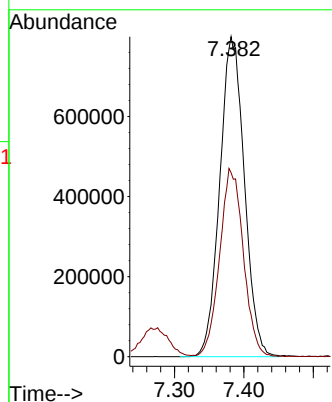
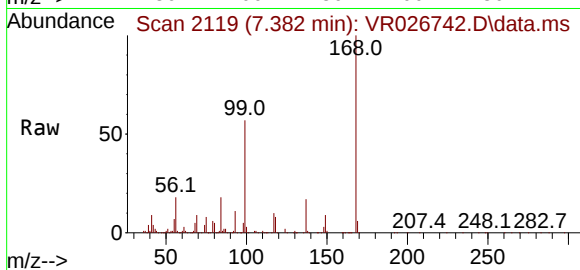
VSTDIC010

Tgt Ion:168 Resp: 1966732

Ion Ratio Lower Upper

168 100

99 57.4 47.1 70.7



#2

Dichlorodifluoromethane

Concen: 10.607 ug/l

RT: 1.821 min Scan# 386

Delta R.T. 0.007 min

Lab File: VR026742.D

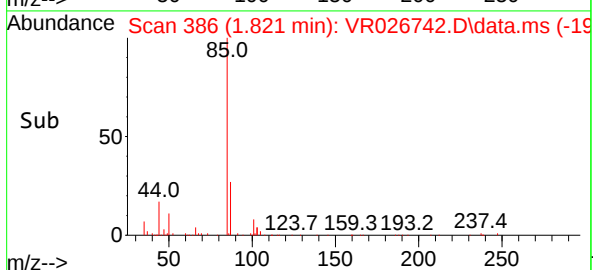
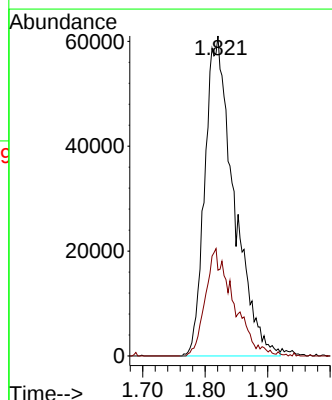
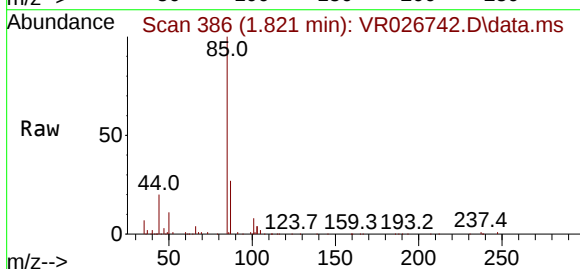
Acq: 20 Aug 2025 15:22

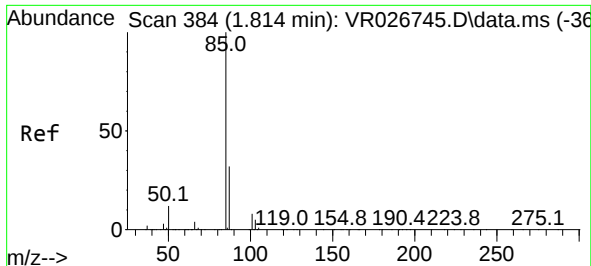
Tgt Ion: 85 Resp: 197122

Ion Ratio Lower Upper

85 100

87 26.8 16.1 48.2

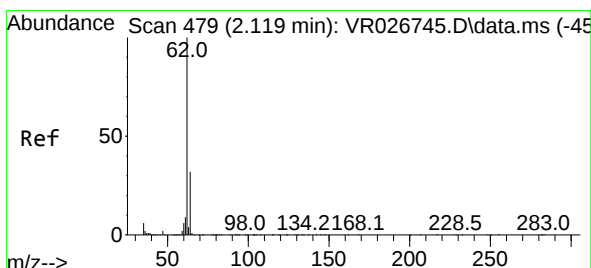
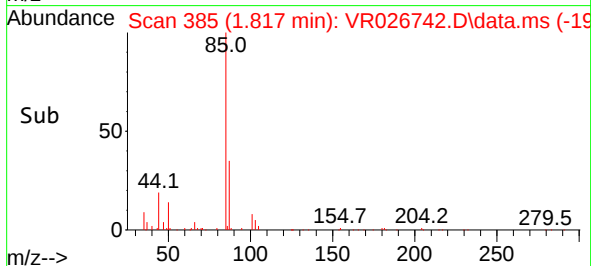
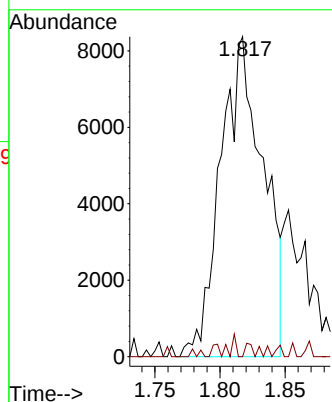
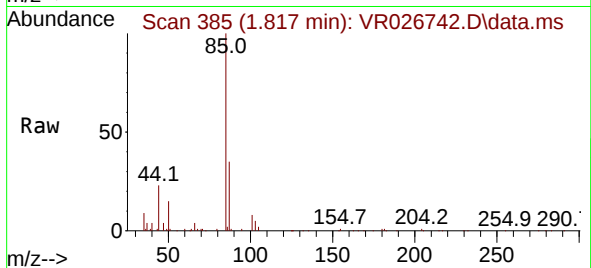




#3
Chloromethane
Concen: 8.635 ug/l
RT: 1.817 min Scan# 384
Delta R.T. 0.003 min
Lab File: VR026742.D
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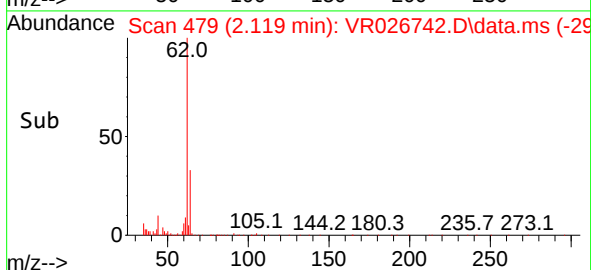
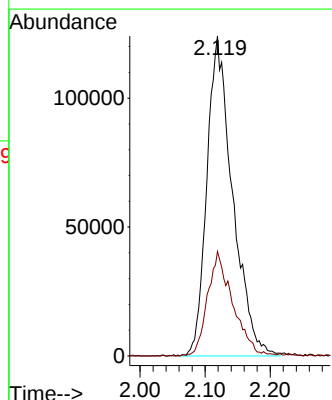
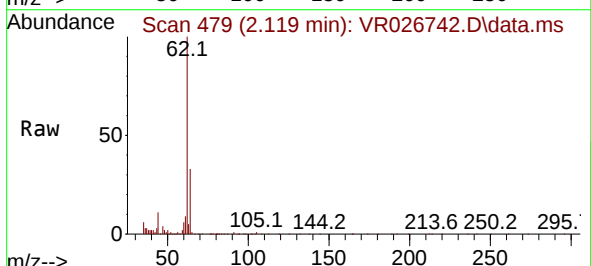
Instrument :
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ClientSampleId :
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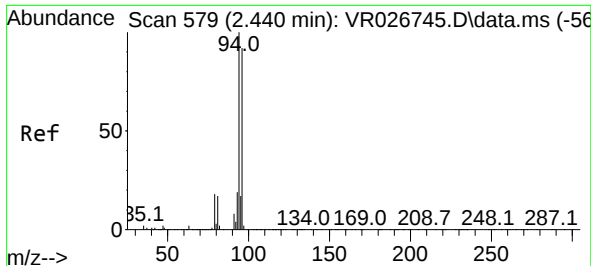
Tgt Ion: 50 Resp: 19094
Ion Ratio Lower Upper
50 100
52 0.0 0.6 1.0#



#4
Vinyl Chloride
Concen: 11.132 ug/l
RT: 2.119 min Scan# 479
Delta R.T. -0.000 min
Lab File: VR026742.D
Acq: 20 Aug 2025 15:22

Tgt Ion: 62 Resp: 340414
Ion Ratio Lower Upper
62 100
64 32.6 25.5 38.3

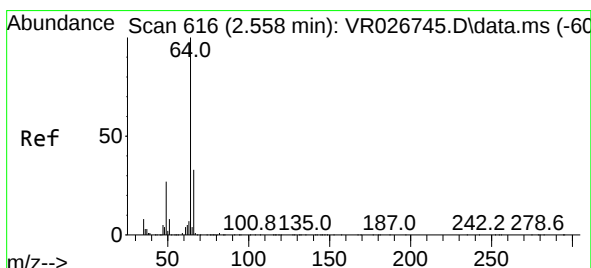
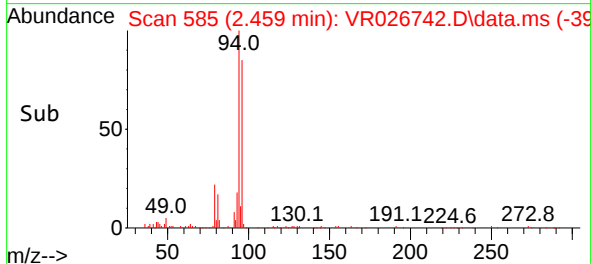
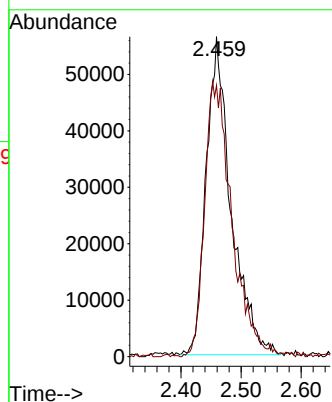
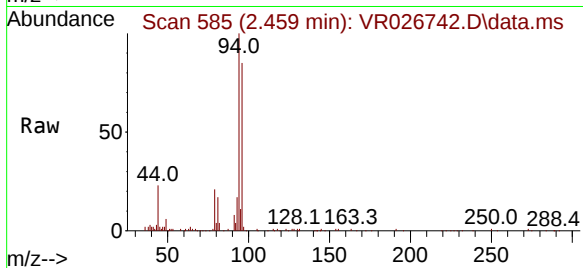




#5
Bromomethane
Concen: 17.331 ug/l
RT: 2.459 min Scan# 51
Delta R.T. 0.019 min
Lab File: VR026742.D
Acq: 20 Aug 2025 15:22

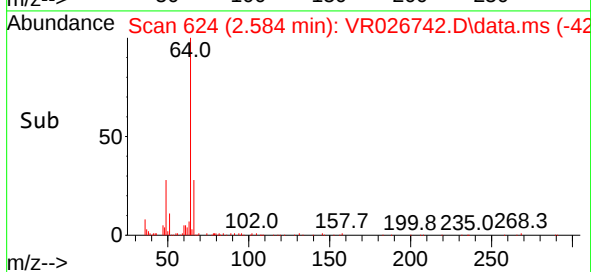
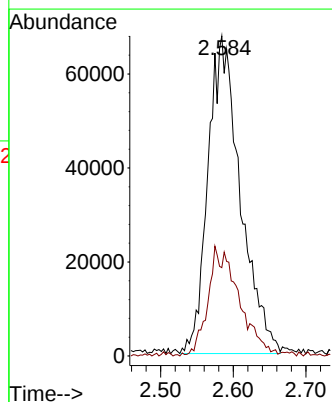
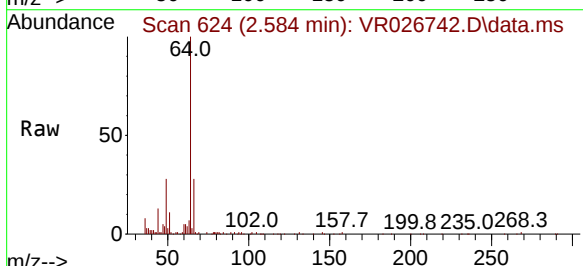
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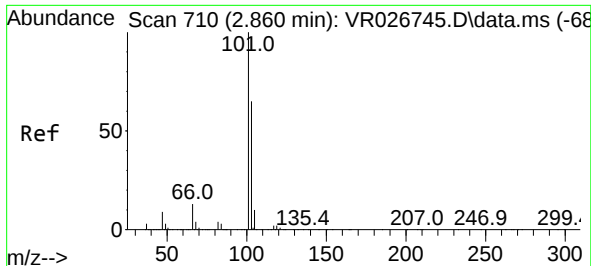
Tgt Ion: 94 Resp: 162713
Ion Ratio Lower Upper
94 100
96 85.3 73.8 110.6



#6
Chloroethane
Concen: 9.895 ug/l
RT: 2.584 min Scan# 624
Delta R.T. 0.026 min
Lab File: VR026742.D
Acq: 20 Aug 2025 15:22

Tgt Ion: 64 Resp: 209612
Ion Ratio Lower Upper
64 100
66 27.8 26.6 40.0

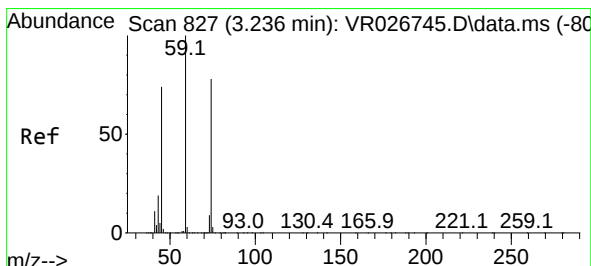
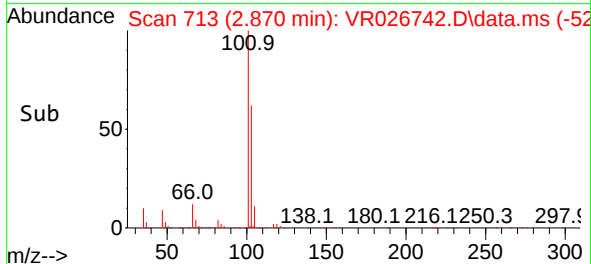
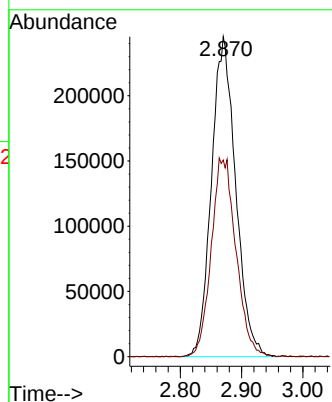
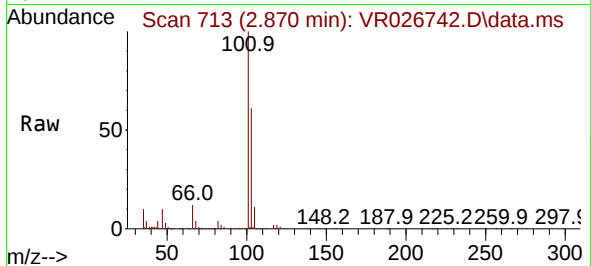




#7
Trichlorofluoromethane
Concen: 11.354 ug/l
RT: 2.870 min Scan# 710
Delta R.T. 0.010 min
Lab File: VR026742.D
Acq: 20 Aug 2025 15:22

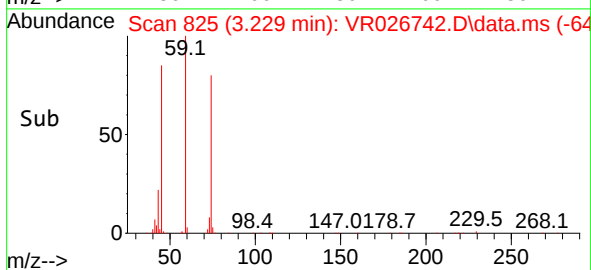
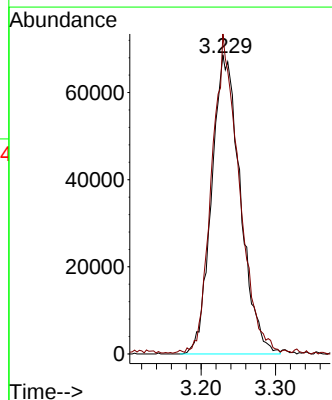
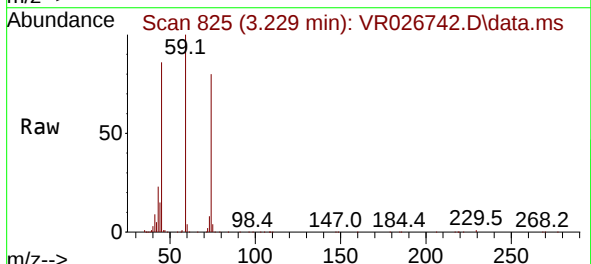
Instrument :
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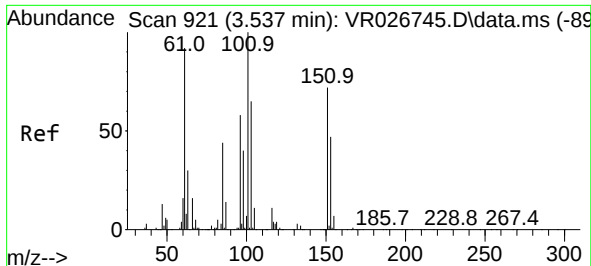
Tgt Ion:101 Resp: 673036
Ion Ratio Lower Upper
101 100
103 61.5 51.8 77.8



#8
Diethyl Ether
Concen: 9.686 ug/l
RT: 3.229 min Scan# 825
Delta R.T. -0.006 min
Lab File: VR026742.D
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Tgt Ion: 74 Resp: 183680
Ion Ratio Lower Upper
74 100
45 102.1 47.5 142.6

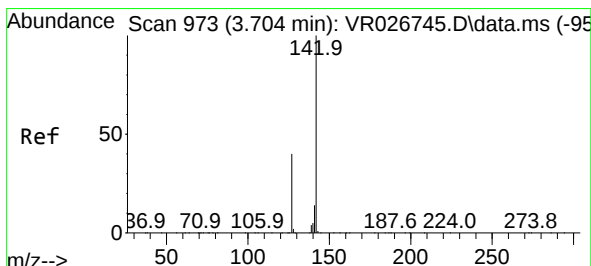
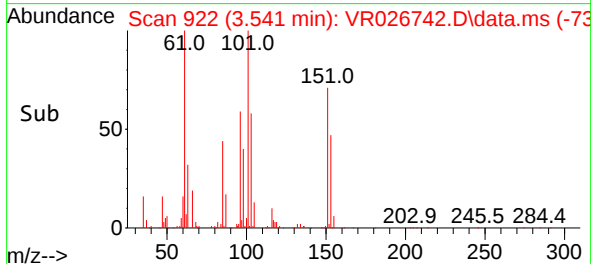
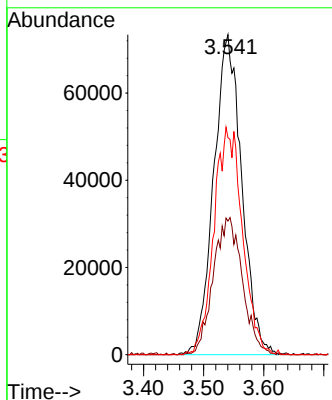
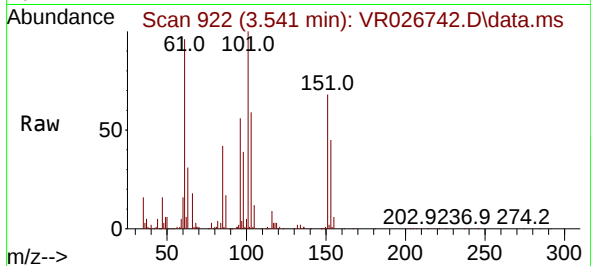




#9
1,1,2-Trichlorotrifluoroethane
Concen: 9.998 ug/l
RT: 3.541 min Scan# 91
Delta R.T. 0.003 min
Lab File: VR026742.D
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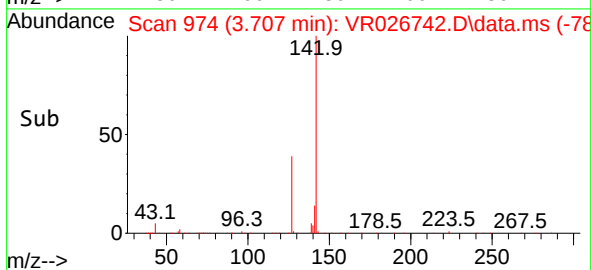
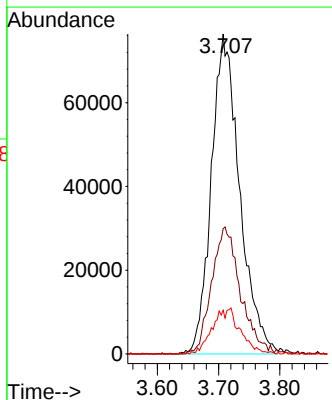
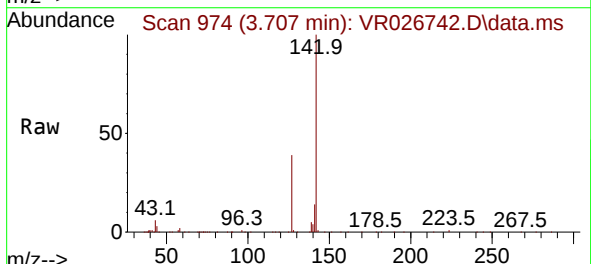
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC010

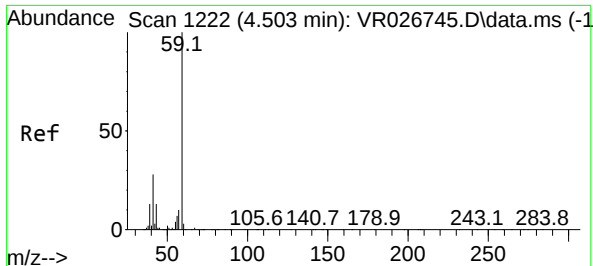
Tgt Ion:101 Resp: 236830
Ion Ratio Lower Upper
101 100
85 44.8 35.4 53.0
151 71.7 57.2 85.8



#10
Methyl Iodide
Concen: 9.731 ug/l
RT: 3.707 min Scan# 974
Delta R.T. 0.003 min
Lab File: VR026742.D
Acq: 20 Aug 2025 15:22

Tgt Ion:142 Resp: 244988
Ion Ratio Lower Upper
142 100
127 40.4 31.0 46.4
141 6.9 10.9 16.3#

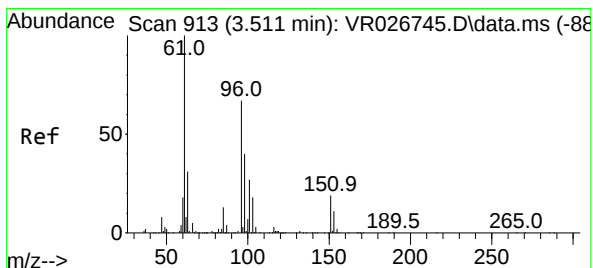
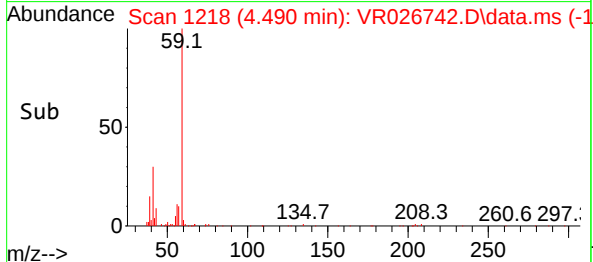
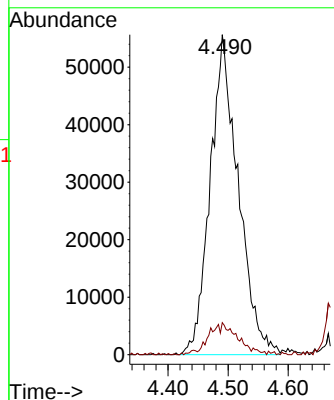
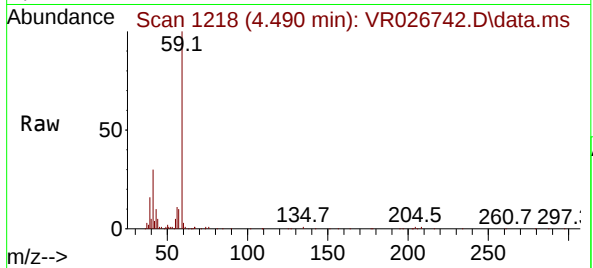




#11
Tert butyl alcohol
Concen: 47.552 ug/l
RT: 4.490 min Scan# 11
Delta R.T. -0.013 min
Lab File: VR026742.D
Acq: 20 Aug 2025 15:22

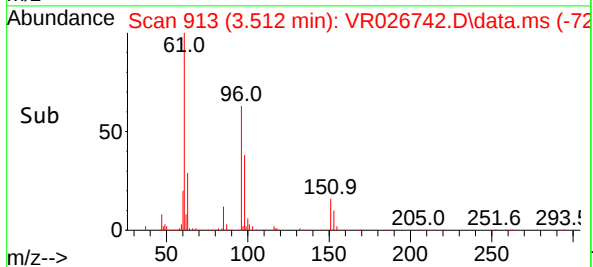
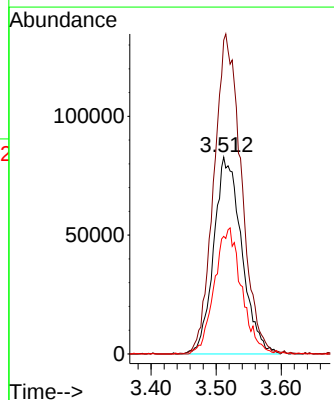
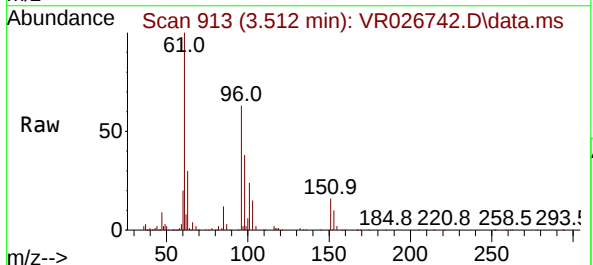
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC010

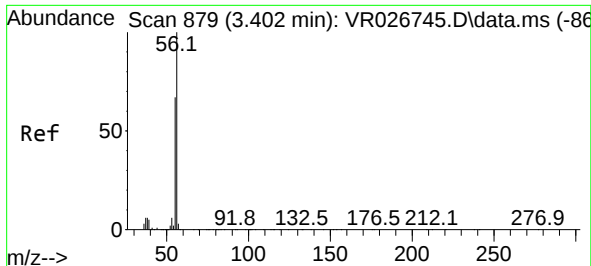
Tgt Ion: 59 Resp: 180552
Ion Ratio Lower Upper
59 100
57 3.5 3.8 5.8#



#12
1,1-Dichloroethene
Concen: 9.575 ug/l
RT: 3.512 min Scan# 913
Delta R.T. 0.000 min
Lab File: VR026742.D
Acq: 20 Aug 2025 15:22

Tgt Ion: 96 Resp: 246131
Ion Ratio Lower Upper
96 100
61 159.0 118.7 178.1
98 59.8 47.7 71.5

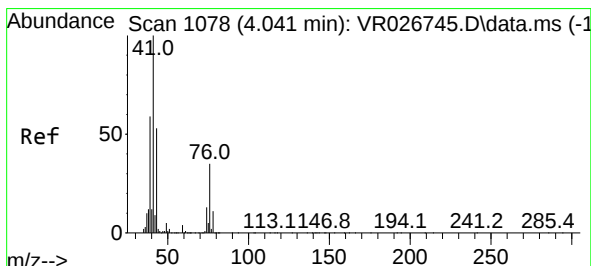
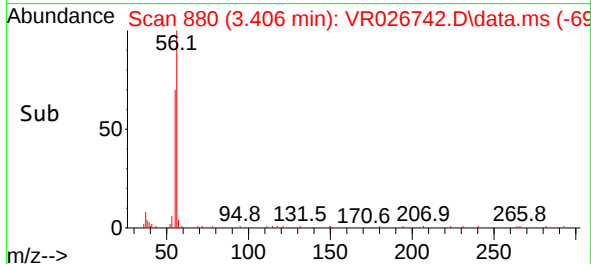
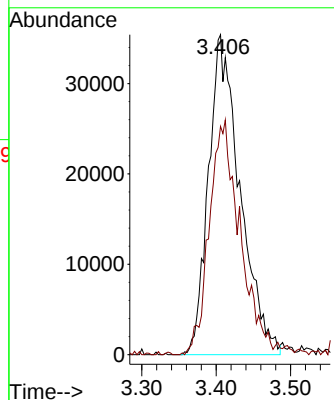
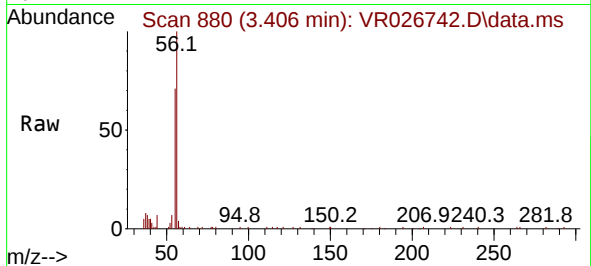




#13
Acrolein
Concen: 39.493 ug/l
RT: 3.406 min Scan# 879
Delta R.T. 0.004 min
Lab File: VR026742.D
Acq: 20 Aug 2025 15:22

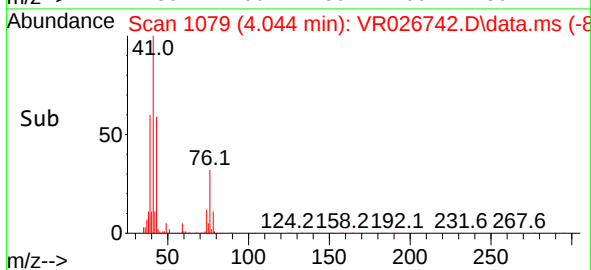
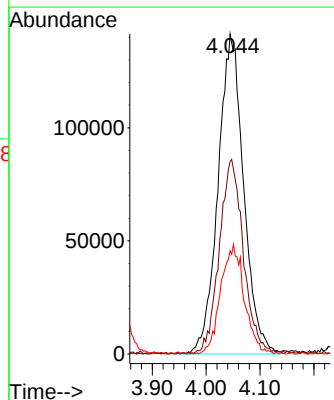
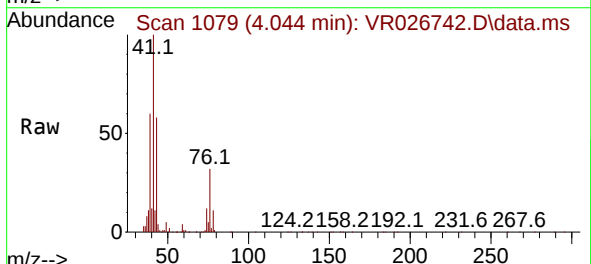
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC010

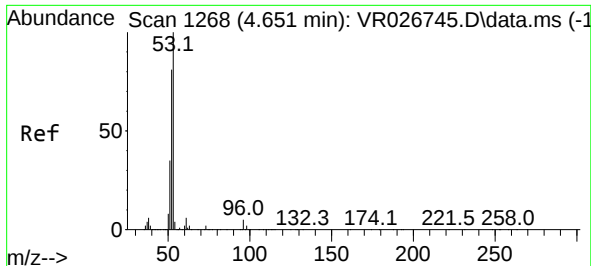
Tgt Ion: 56 Resp: 104166
Ion Ratio Lower Upper
56 100
55 71.0 56.9 85.3



#14
Allyl chloride
Concen: 9.846 ug/l
RT: 4.044 min Scan# 1079
Delta R.T. 0.003 min
Lab File: VR026742.D
Acq: 20 Aug 2025 15:22

Tgt Ion: 41 Resp: 466417
Ion Ratio Lower Upper
41 100
39 56.8 45.8 68.6
76 31.6 26.4 39.6

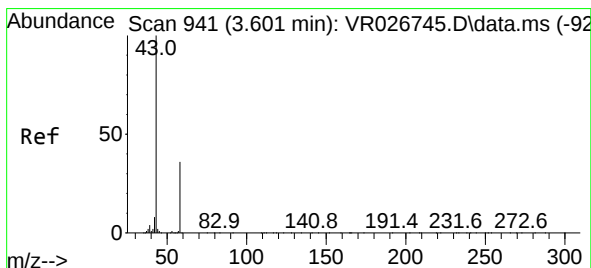
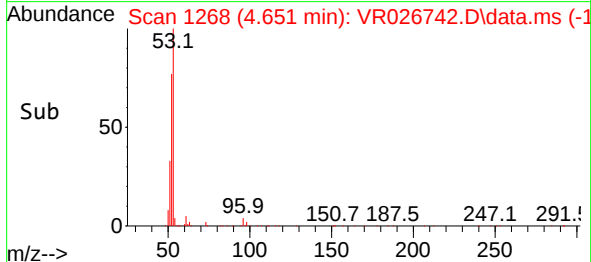
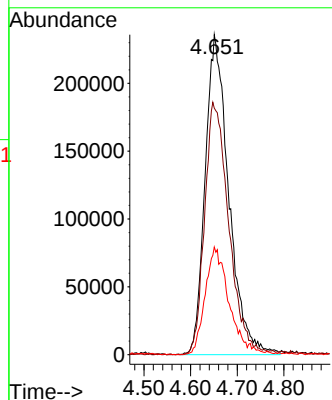
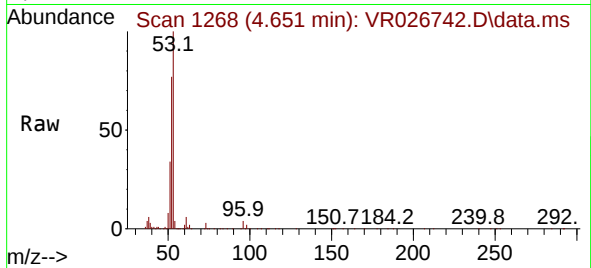




#15
Acrylonitrile
Concen: 51.175 ug/l
RT: 4.651 min Scan# 11
Delta R.T. -0.000 min
Lab File: VR026742.D
Acq: 20 Aug 2025 15:22

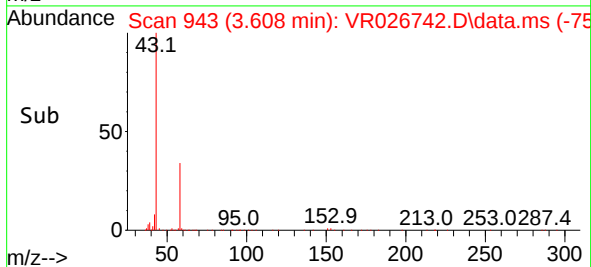
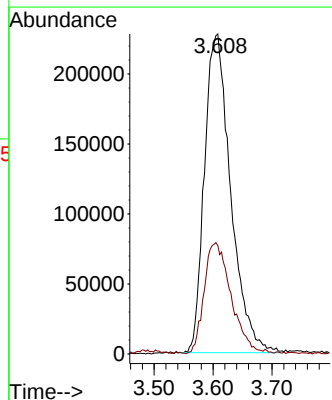
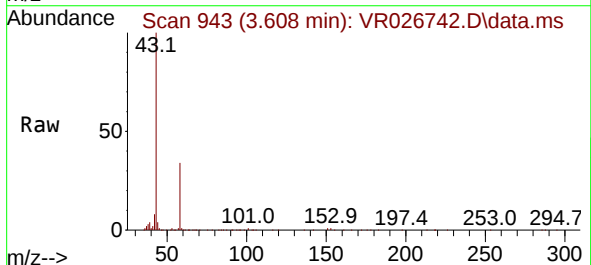
Instrument :
MSVOA_R
ClientSampleId :
VSTDICC010

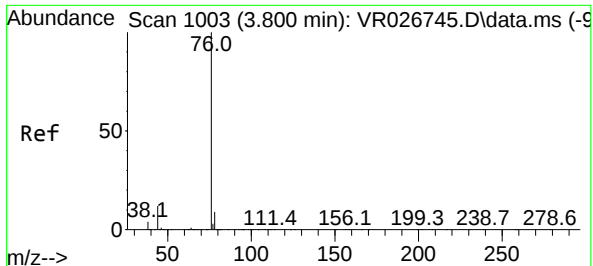
Tgt Ion: 53 Resp: 831034
Ion Ratio Lower Upper
53 100
52 80.2 65.7 98.5
51 32.8 28.4 42.6



#16
Acetone
Concen: 53.990 ug/l
RT: 3.608 min Scan# 943
Delta R.T. 0.007 min
Lab File: VR026742.D
Acq: 20 Aug 2025 15:22

Tgt Ion: 43 Resp: 705848
Ion Ratio Lower Upper
43 100
58 33.6 28.6 43.0

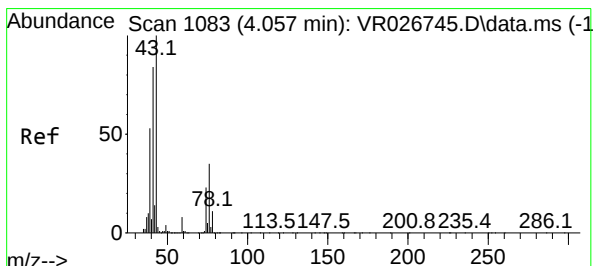
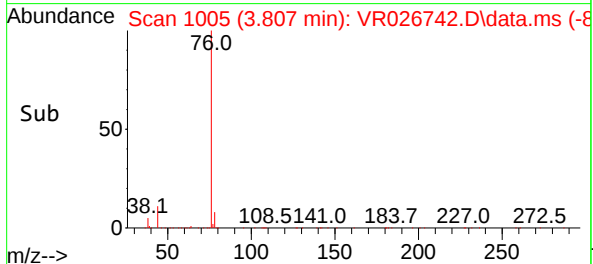
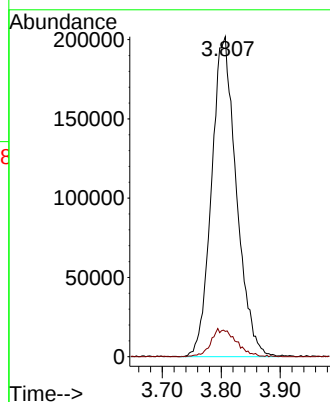
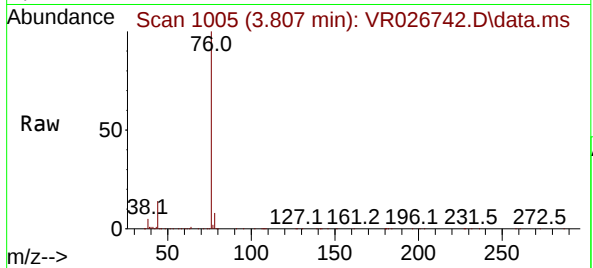




#17
Carbon Disulfide
Concen: 9.448 ug/l
RT: 3.807 min Scan# 1003
Delta R.T. 0.007 min
Lab File: VR026742.D
Acq: 20 Aug 2025 15:22

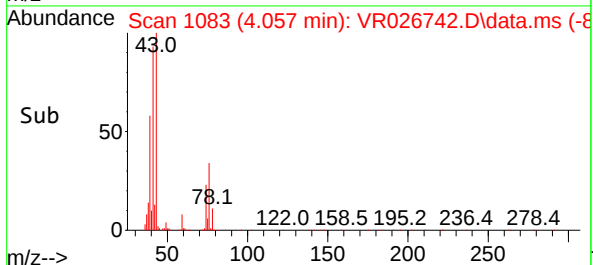
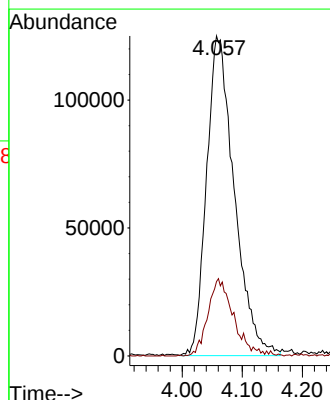
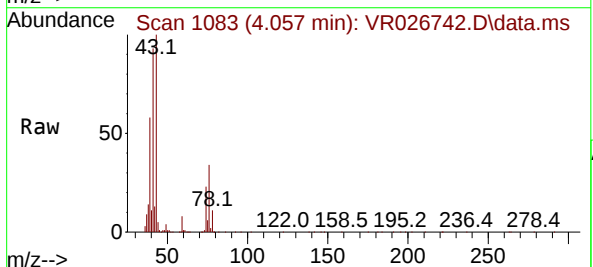
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC010

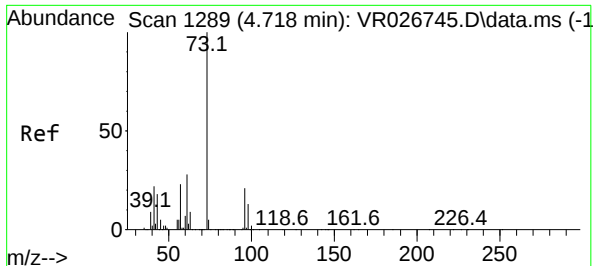
Tgt Ion: 76 Resp: 589841
Ion Ratio Lower Upper
76 100
78 7.9 7.0 10.6



#18
Methyl Acetate
Concen: 10.488 ug/l
RT: 4.057 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VR026742.D
Acq: 20 Aug 2025 15:22

Tgt Ion: 43 Resp: 399423
Ion Ratio Lower Upper
43 100
74 22.2 19.1 28.7





#19

Methyl tert-butyl Ether

Concen: 9.753 ug/l

RT: 4.718 min Scan# 11

Delta R.T. 0.000 min

Lab File: VR026742.D

Acq: 20 Aug 2025 15:22

Instrument :

MSVOA_R

ClientSampleId :

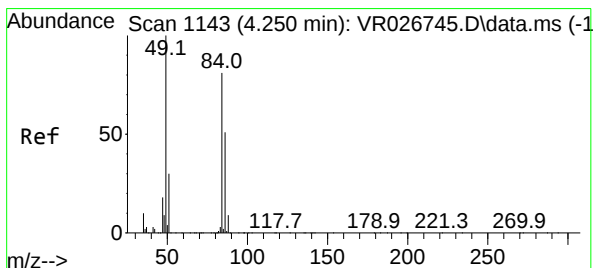
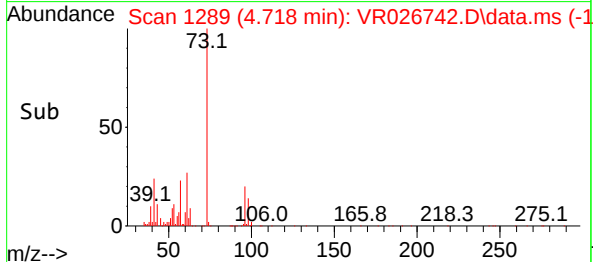
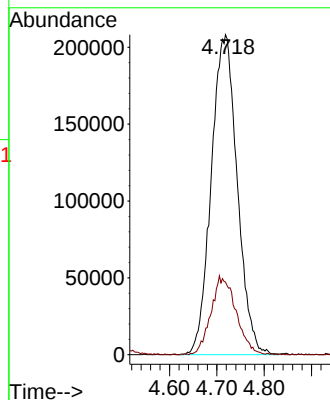
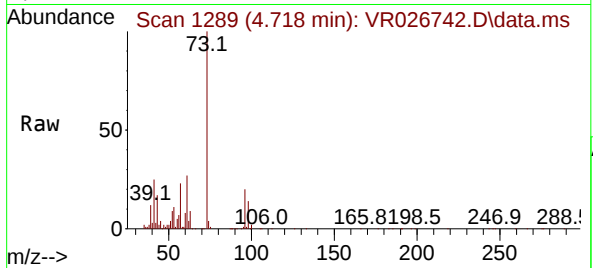
VSTDIC010

Tgt Ion: 73 Resp: 795202

Ion Ratio Lower Upper

73 100

57 22.7 18.2 27.2



#20

Methylene Chloride

Concen: 3.870 ug/l

RT: 4.240 min Scan# 1140

Delta R.T. -0.009 min

Lab File: VR026742.D

Acq: 20 Aug 2025 15:22

Tgt Ion: 84 Resp: 107949

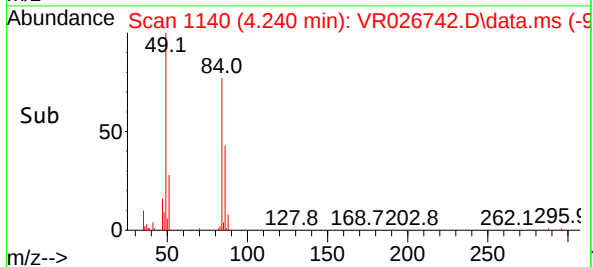
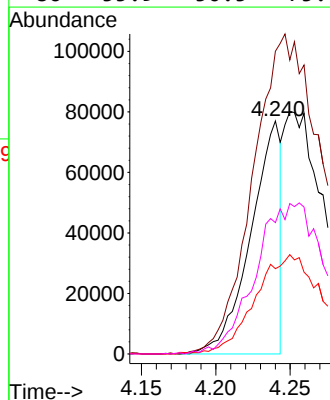
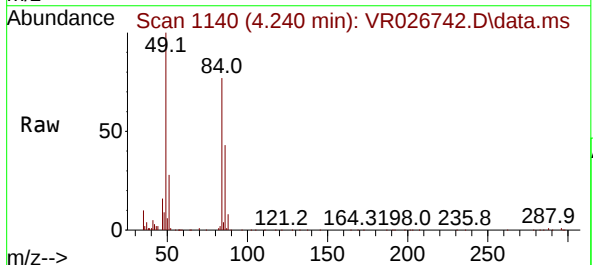
Ion Ratio Lower Upper

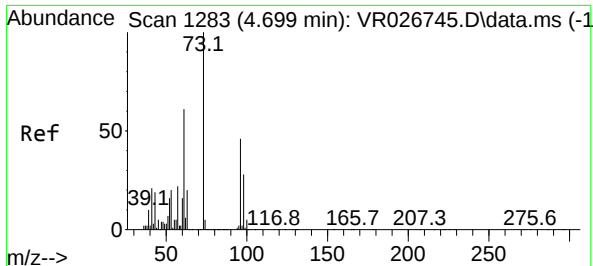
84 100

49 130.0 98.8 148.2

51 35.9 29.4 44.2

86 55.9 50.5 75.7

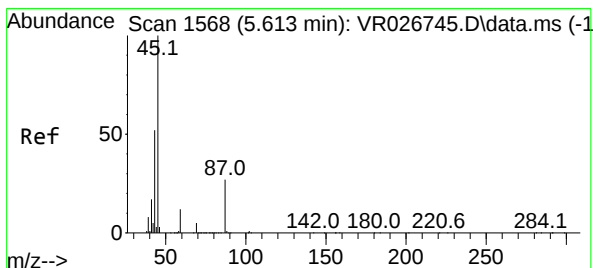
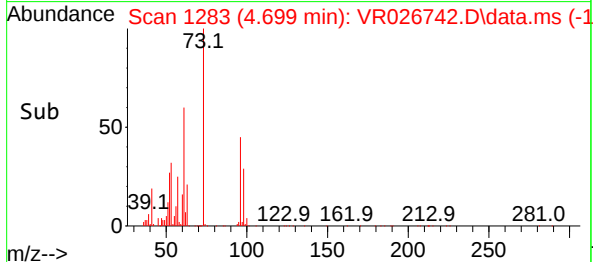
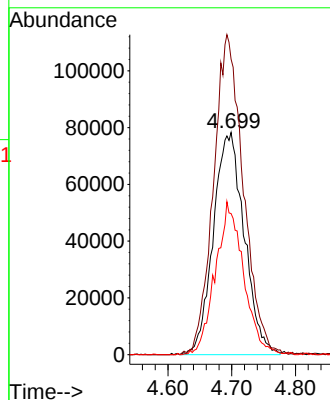
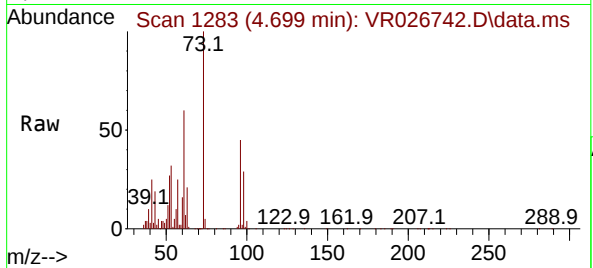




#21
trans-1,2-Dichloroethene
Concen: 9.804 ug/l
RT: 4.699 min Scan# 1283
Delta R.T. 0.000 min
Lab File: VR026742.D
Acq: 20 Aug 2025 15:22

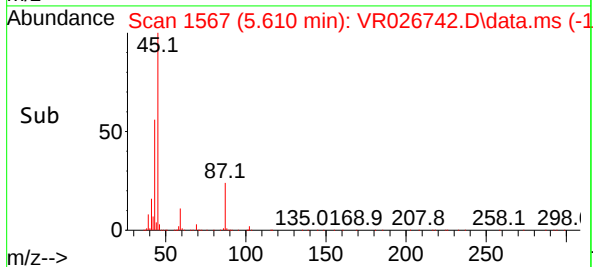
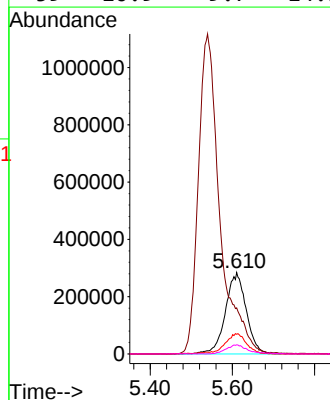
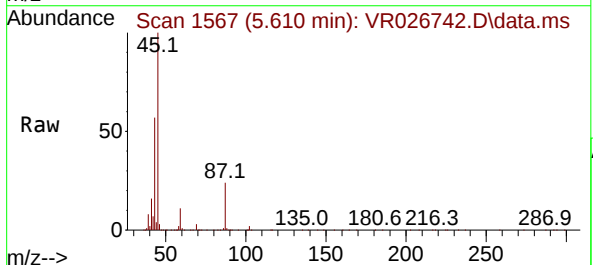
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC010

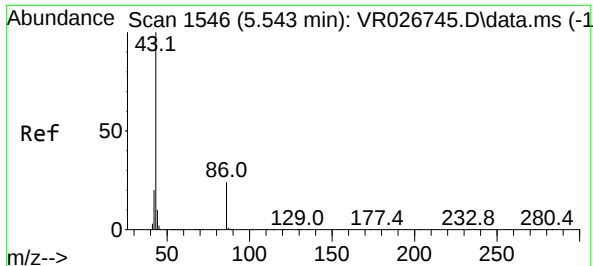
Tgt Ion: 96 Resp: 263510
Ion Ratio Lower Upper
96 100
61 133.0 107.1 160.7
98 63.5 49.7 74.5



#22
Diisopropyl ether
Concen: 10.218 ug/l
RT: 5.610 min Scan# 1567
Delta R.T. -0.003 min
Lab File: VR026742.D
Acq: 20 Aug 2025 15:22

Tgt Ion: 45 Resp: 995827
Ion Ratio Lower Upper
45 100
43 55.8 41.8 62.8
87 24.1 21.7 32.5
59 10.9 9.7 14.5

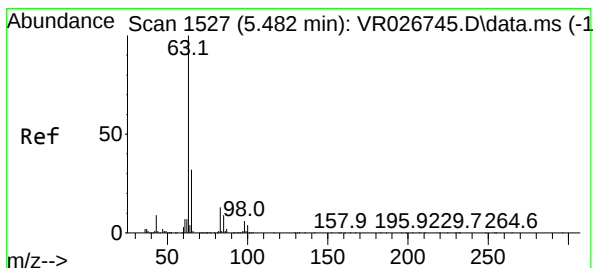
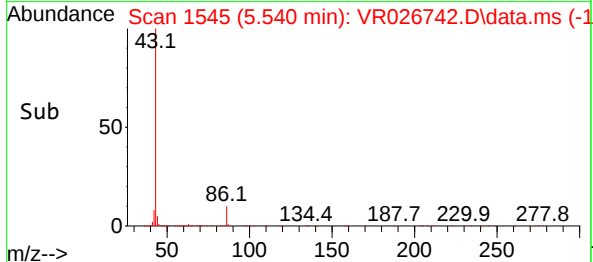
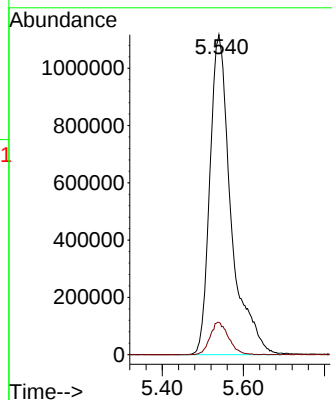
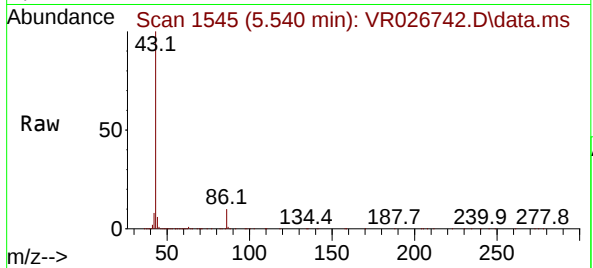




#23
 Vinyl Acetate
 Concen: 48.979 ug/l
 RT: 5.540 min Scan# 11
 Delta R.T. -0.003 min
 Lab File: VR026742.D
 Acq: 20 Aug 2025 15:22

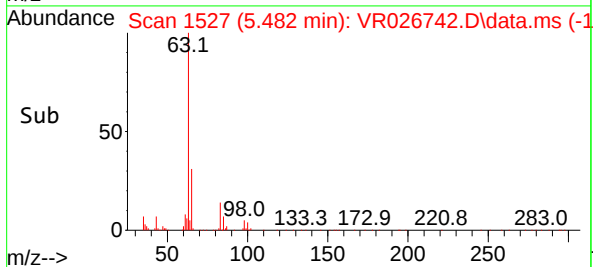
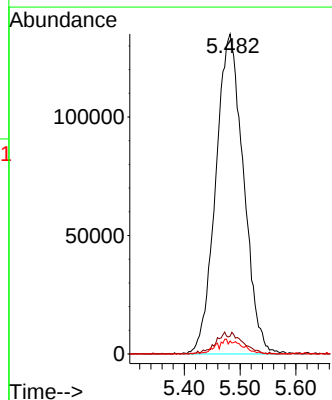
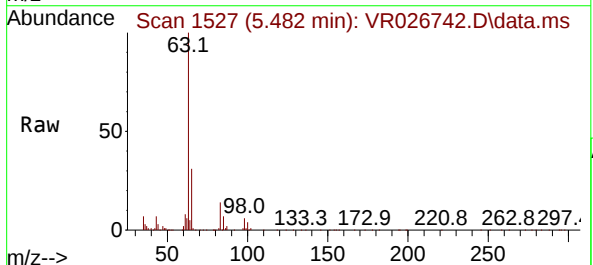
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDIC010

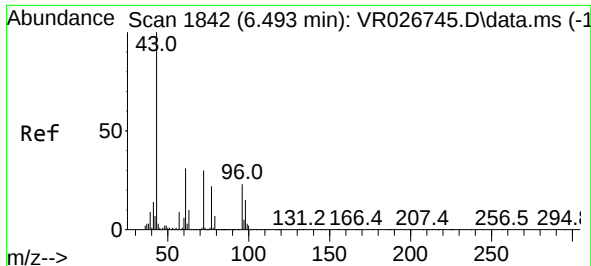
Tgt Ion: 43 Resp: 4049172
 Ion Ratio Lower Upper
 43 100
 86 10.1 18.9 28.3#



#24
 1,1-Dichloroethane
 Concen: 9.733 ug/l
 RT: 5.482 min Scan# 1527
 Delta R.T. 0.000 min
 Lab File: VR026742.D
 Acq: 20 Aug 2025 15:22

Tgt Ion: 63 Resp: 466792
 Ion Ratio Lower Upper
 63 100
 98 5.6 3.1 9.3
 100 3.9 2.1 6.2





#25

2-Butanone

Concen: 52.680 ug/l

RT: 6.493 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VR026742.D

Acq: 20 Aug 2025 15:22

Instrument :

MSVOA_R

ClientSampleId :

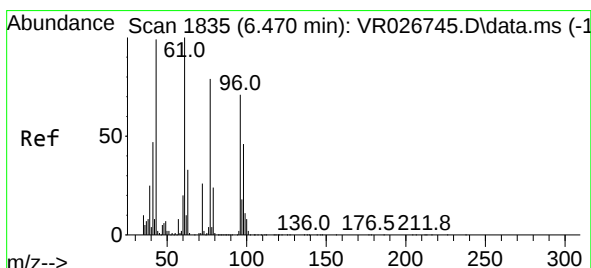
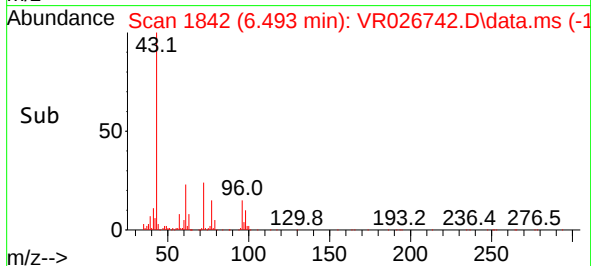
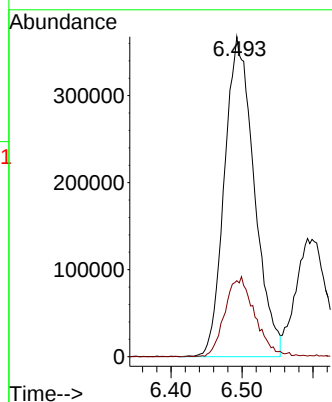
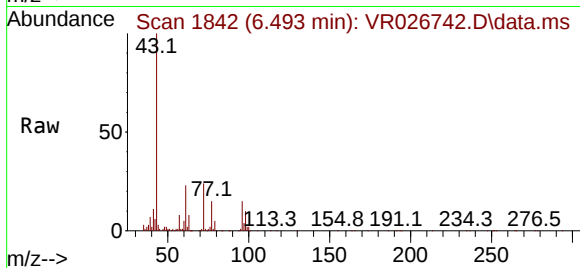
VSTDIC010

Tgt Ion: 43 Resp: 1069341

Ion Ratio Lower Upper

43 100

72 23.7 23.8 35.8#



#26

2,2-Dichloropropane

Concen: 8.957 ug/l

RT: 6.470 min Scan# 1835

Delta R.T. 0.000 min

Lab File: VR026742.D

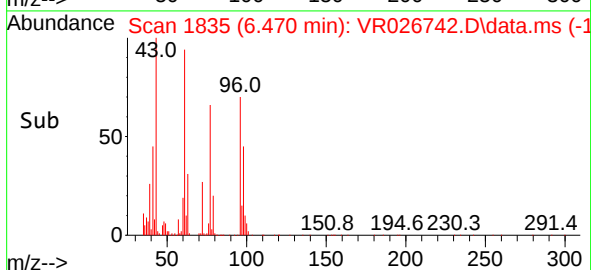
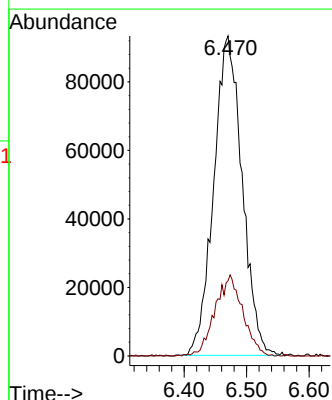
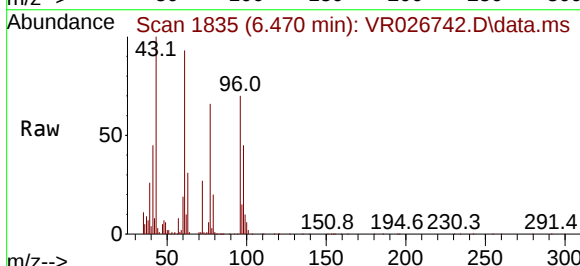
Acq: 20 Aug 2025 15:22

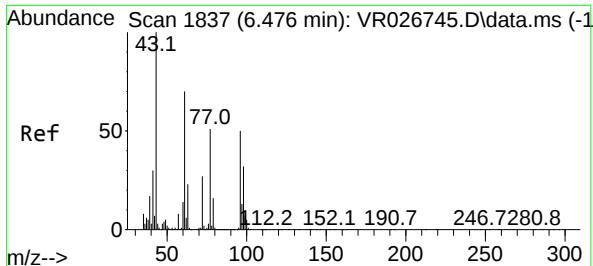
Tgt Ion: 77 Resp: 294300

Ion Ratio Lower Upper

77 100

97 24.8 11.7 35.1

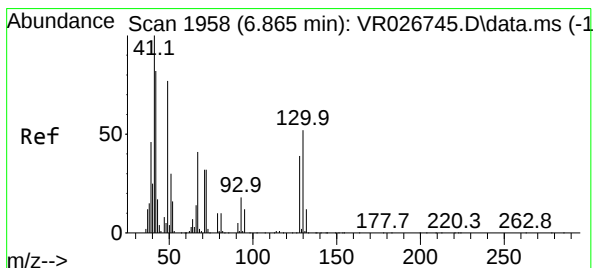
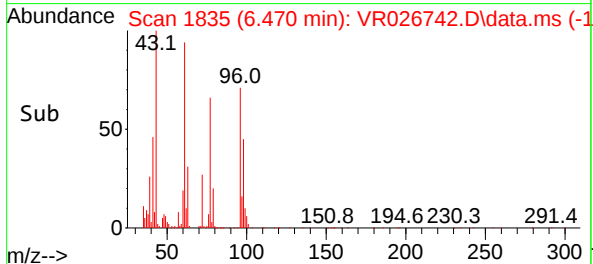
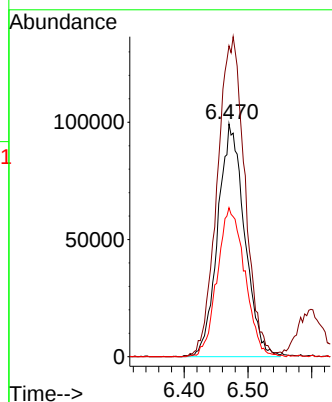
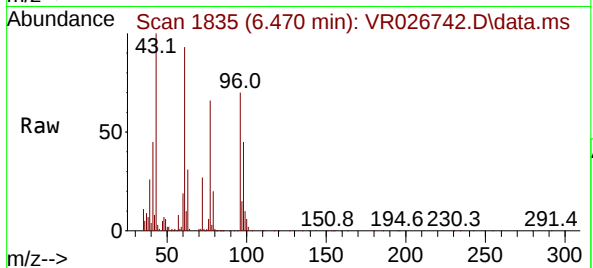




#27
 cis-1,2-Dichloroethene
 Concen: 9.515 ug/l
 RT: 6.470 min Scan# 1835
 Delta R.T. -0.006 min
 Lab File: VR026742.D
 Acq: 20 Aug 2025 15:22

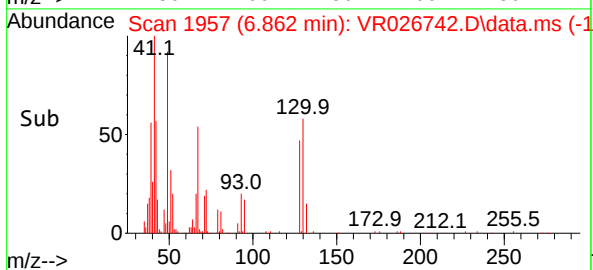
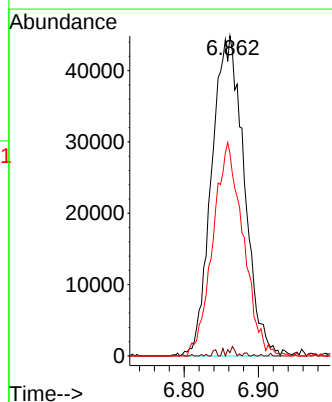
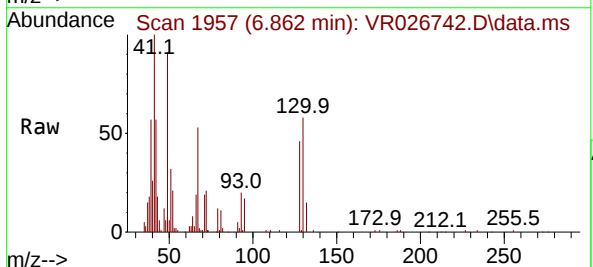
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDIC010

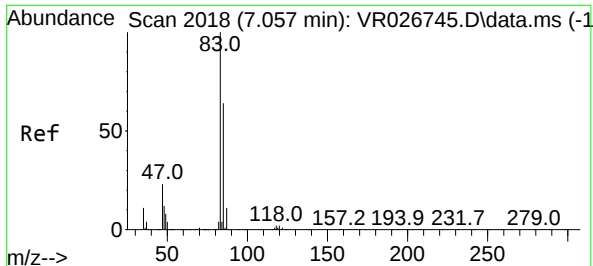
Tgt Ion: 96 Resp: 289437
 Ion Ratio Lower Upper
 96 100
 61 141.6 0.0 280.6
 98 66.0 0.0 127.6



#28
 Bromochloromethane
 Concen: 9.571 ug/l
 RT: 6.862 min Scan# 1957
 Delta R.T. -0.003 min
 Lab File: VR026742.D
 Acq: 20 Aug 2025 15:22

Tgt Ion: 49 Resp: 135848
 Ion Ratio Lower Upper
 49 100
 129 0.5 0.0 1.6
 130 62.3 53.4 80.2





#29

Chloroform

Concen: 9.696 ug/l

RT: 7.054 min Scan# 20

Delta R.T. -0.003 min

Lab File: VR026742.D

Acq: 20 Aug 2025 15:22

Instrument :

MSVOA_R

ClientSampleId :

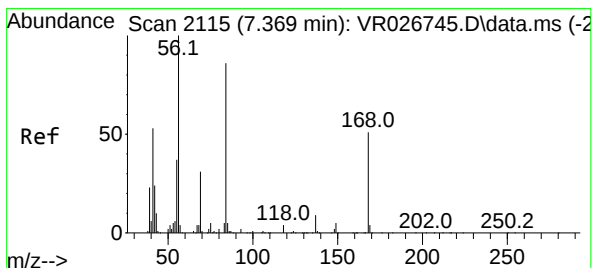
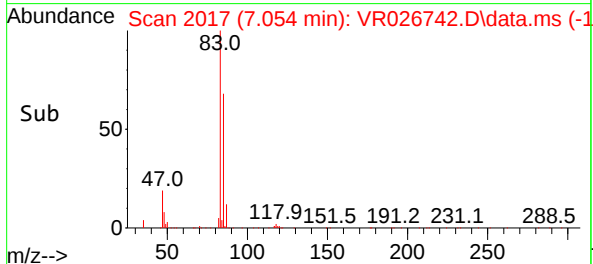
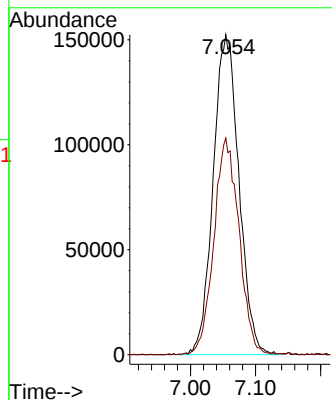
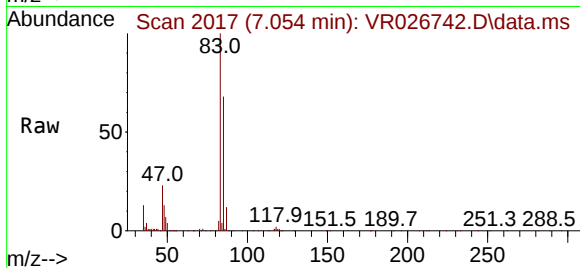
VSTDIC010

Tgt Ion: 83 Resp: 417819

Ion Ratio Lower Upper

83 100

85 67.5 51.5 77.3



#30

Cyclohexane

Concen: 10.363 ug/l

RT: 7.369 min Scan# 2115

Delta R.T. 0.000 min

Lab File: VR026742.D

Acq: 20 Aug 2025 15:22

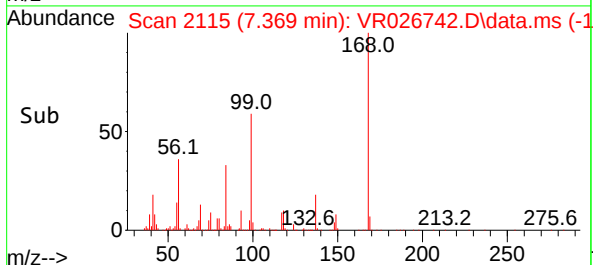
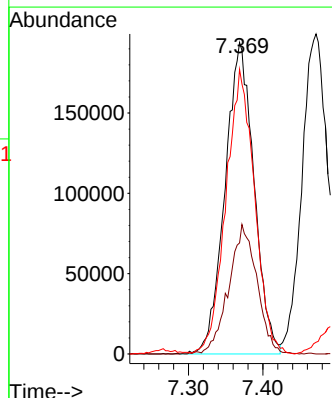
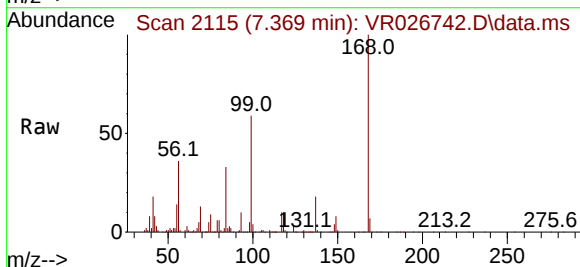
Tgt Ion: 56 Resp: 524136

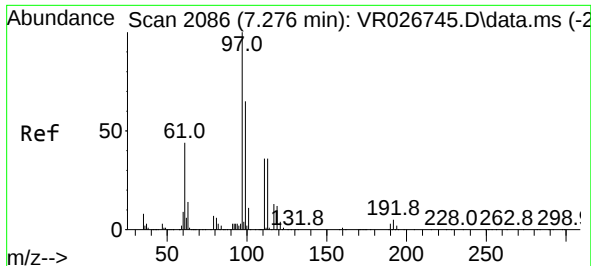
Ion Ratio Lower Upper

56 100

69 35.6 24.6 37.0

84 90.6 68.7 103.1

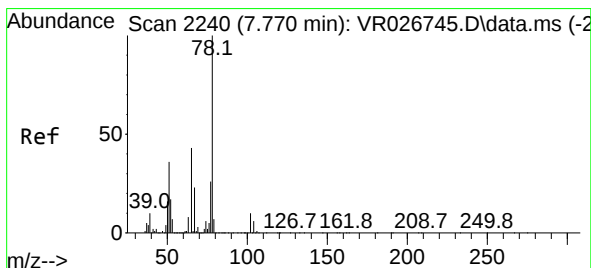
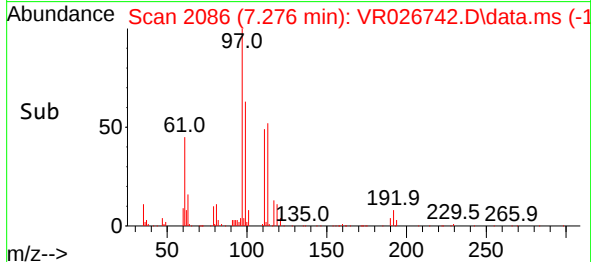
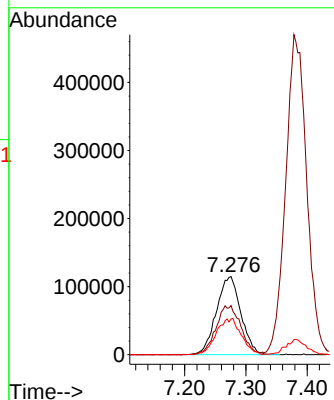
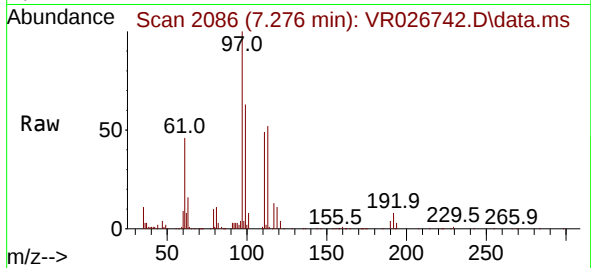




#31
 1,1,1-Trichloroethane
 Concen: 9.096 ug/l
 RT: 7.276 min Scan# 2086
 Delta R.T. 0.000 min
 Lab File: VR026742.D
 Acq: 20 Aug 2025 15:22

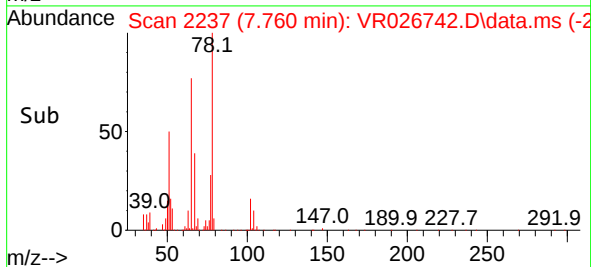
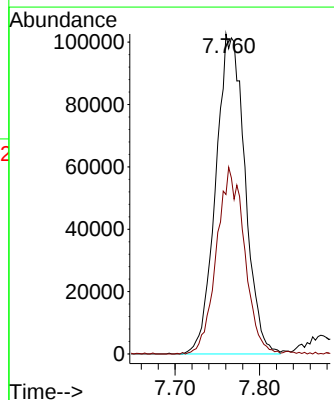
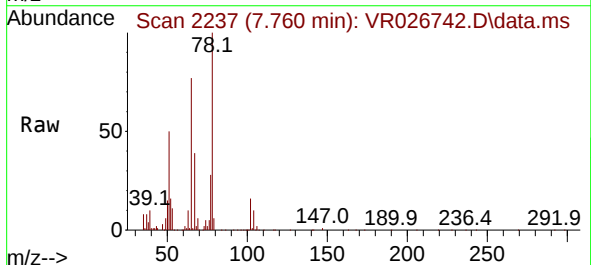
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDIC010

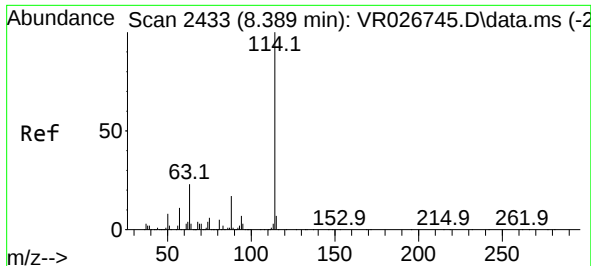
Tgt Ion: 97 Resp: 318255
 Ion Ratio Lower Upper
 97 100
 99 63.8 51.0 76.4
 61 25.9 35.0 52.4#



#32
 1,2-Dichloroethane-d4
 Concen: 9.948 ug/l
 RT: 7.760 min Scan# 2237
 Delta R.T. -0.009 min
 Lab File: VR026742.D
 Acq: 20 Aug 2025 15:22

Tgt Ion: 65 Resp: 245709
 Ion Ratio Lower Upper
 65 100
 67 56.0 0.0 111.4





#33

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.386 min Scan# 2433

Delta R.T. -0.003 min

Lab File: VR026742.D

Acq: 20 Aug 2025 15:22

Instrument :

MSVOA_R

ClientSampleId :

VSTDIC010

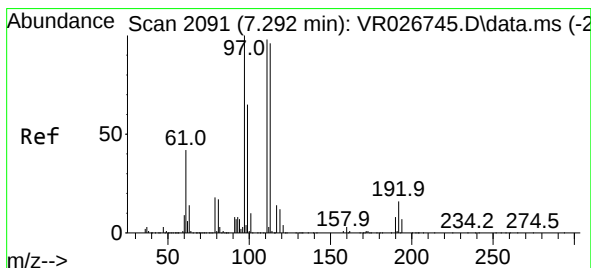
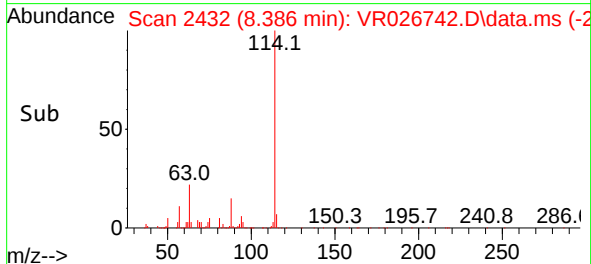
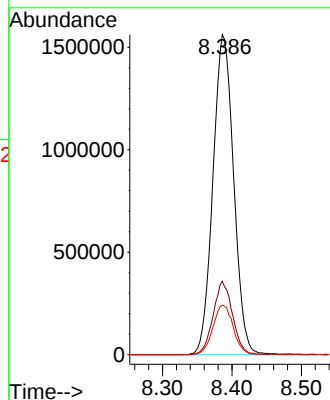
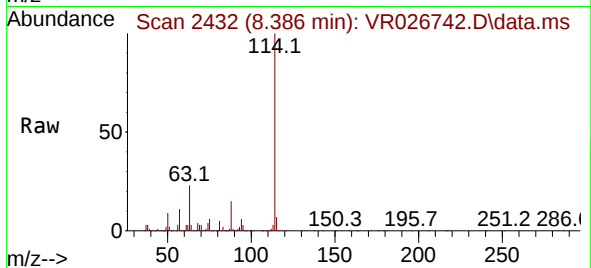
Tgt Ion:114 Resp: 3237777

Ion Ratio Lower Upper

114 100

63 22.9 0.0 45.8

88 15.5 0.0 34.8



#34

Dibromofluoromethane

Concen: 9.886 ug/l

RT: 7.289 min Scan# 2090

Delta R.T. -0.003 min

Lab File: VR026742.D

Acq: 20 Aug 2025 15:22

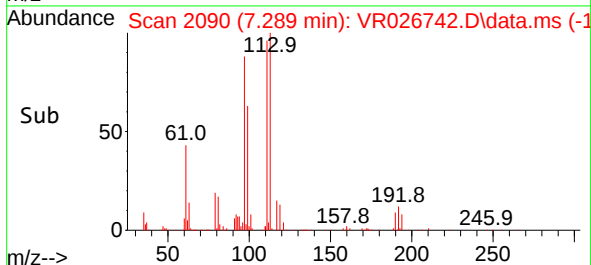
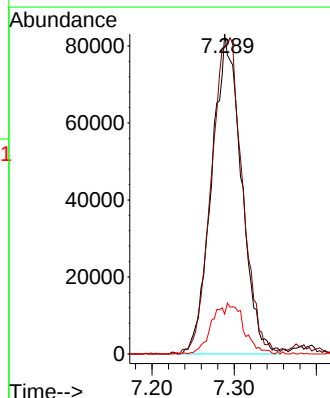
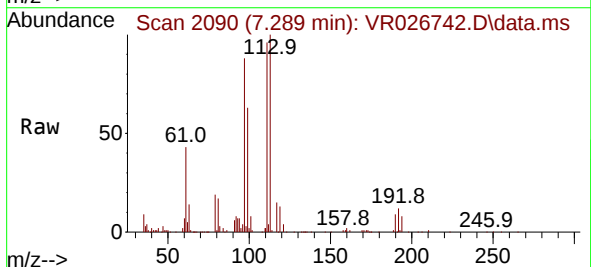
Tgt Ion:113 Resp: 208764

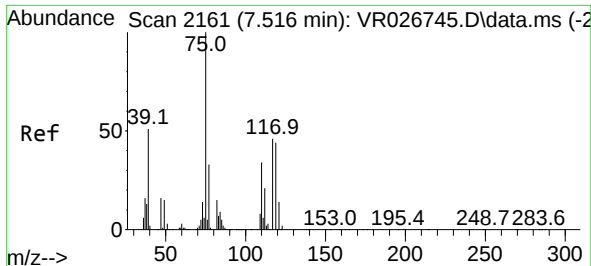
Ion Ratio Lower Upper

113 100

111 103.2 82.8 124.2

192 16.8 12.9 19.3

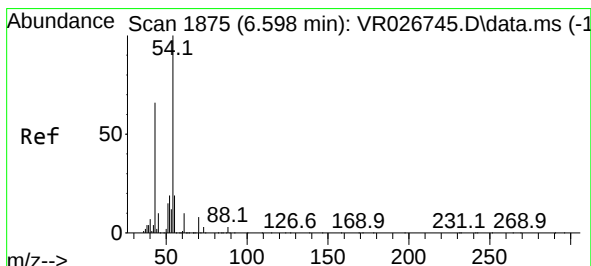
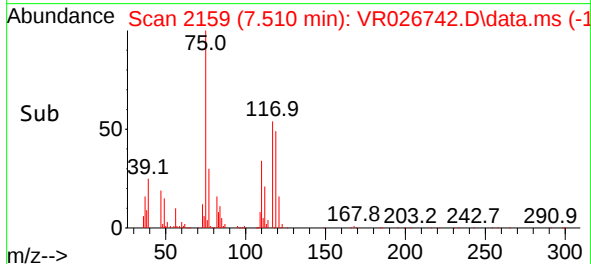
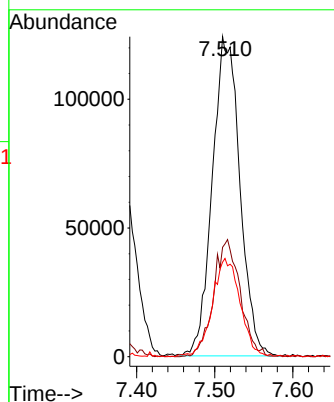
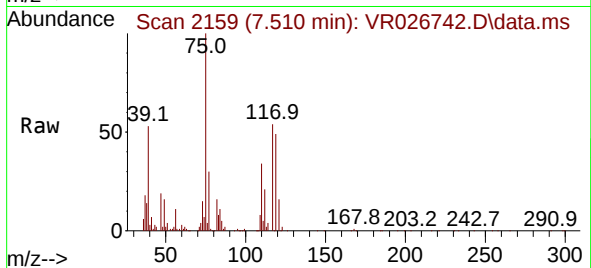




#35
1,1-Dichloropropene
Concen: 9.224 ug/l
RT: 7.510 min Scan# 2161
Delta R.T. -0.006 min
Lab File: VR026742.D
Acq: 20 Aug 2025 15:22

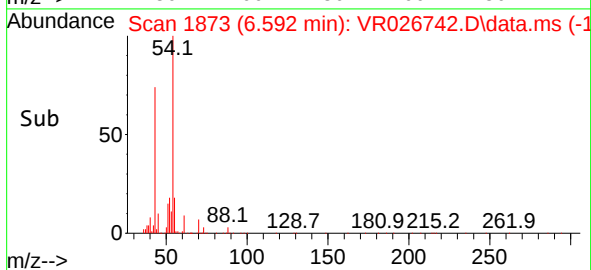
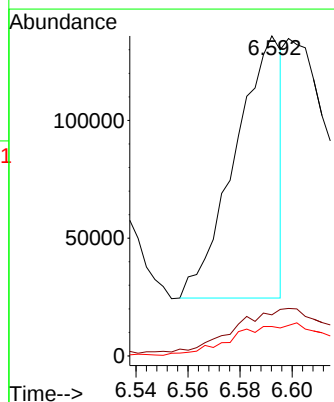
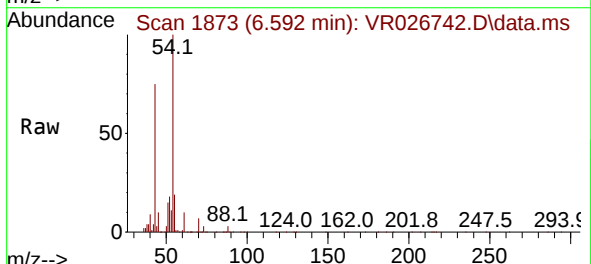
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC010

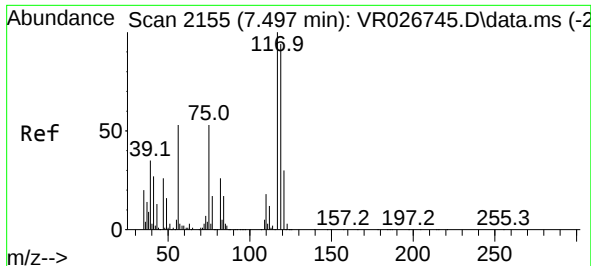
Tgt Ion: 75 Resp: 303331
Ion Ratio Lower Upper
75 100
110 35.6 17.3 52.0
77 31.2 25.1 37.7



#36
Ethyl Acetate
Concen: 3.281 ug/l
RT: 6.592 min Scan# 1873
Delta R.T. -0.006 min
Lab File: VR026742.D
Acq: 20 Aug 2025 15:22

Tgt Ion: 43 Resp: 138306
Ion Ratio Lower Upper
43 100
61 38.5 11.4 17.2#
70 26.1 8.4 12.6#

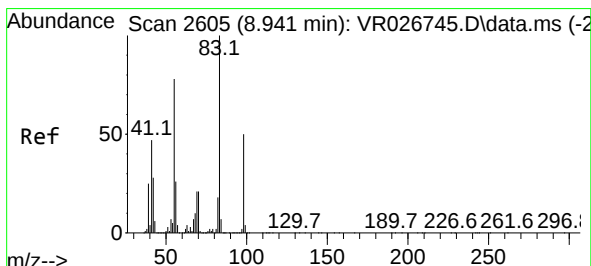
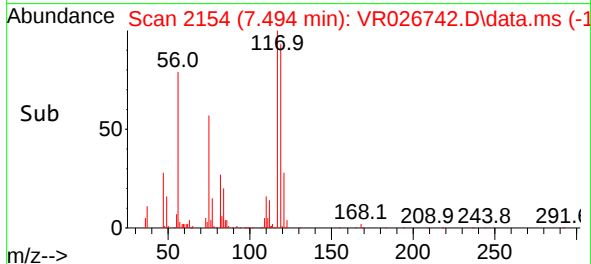
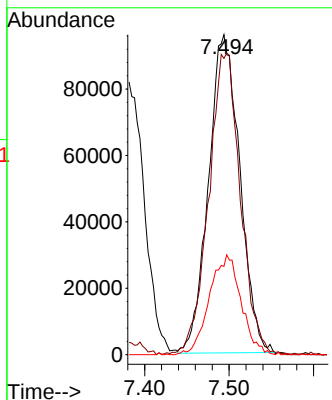
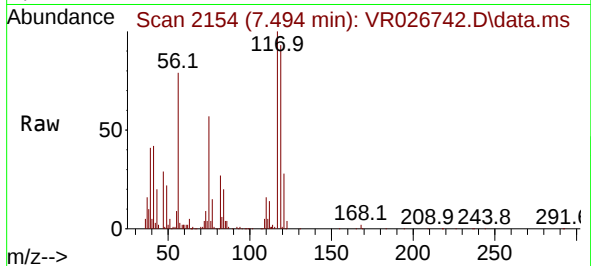




#37
Carbon Tetrachloride
Concen: 8.351 ug/l
RT: 7.494 min Scan# 2155
Delta R.T. -0.003 min
Lab File: VR026742.D
Acq: 20 Aug 2025 15:22

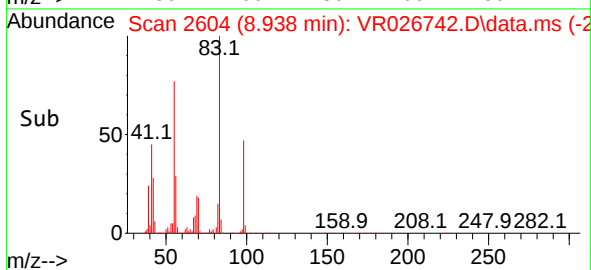
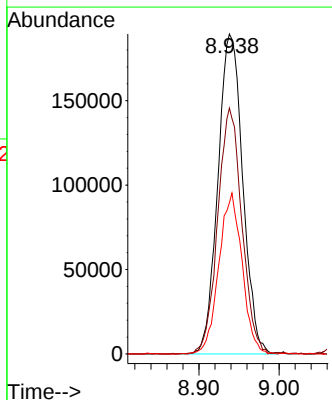
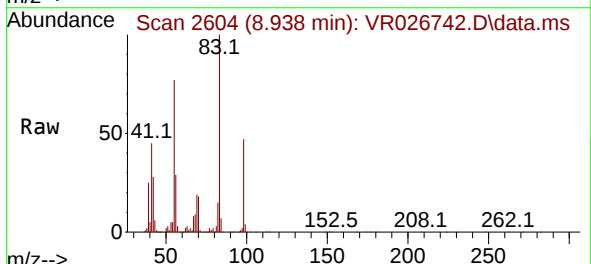
Instrument :
MSVOA_R
ClientSampleId :
VSTDICC010

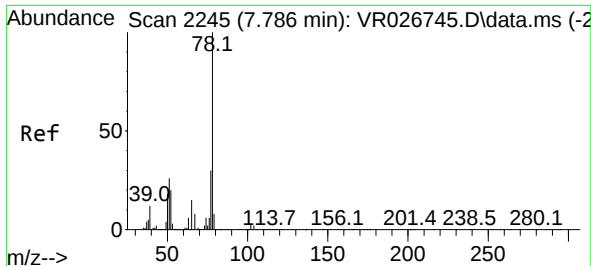
Tgt Ion:117 Resp: 247142
Ion Ratio Lower Upper
117 100
119 92.3 75.1 112.7
121 27.5 24.2 36.2



#38
Methylcyclohexane
Concen: 9.901 ug/l
RT: 8.938 min Scan# 2604
Delta R.T. -0.003 min
Lab File: VR026742.D
Acq: 20 Aug 2025 15:22

Tgt Ion: 83 Resp: 407456
Ion Ratio Lower Upper
83 100
55 76.7 62.6 94.0
98 47.3 39.9 59.9

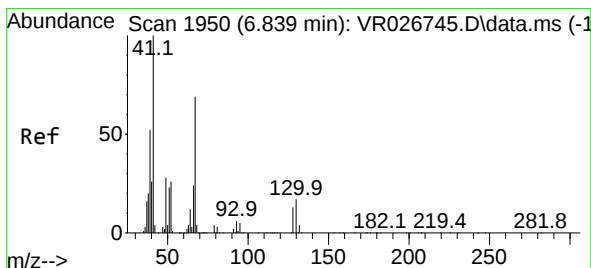
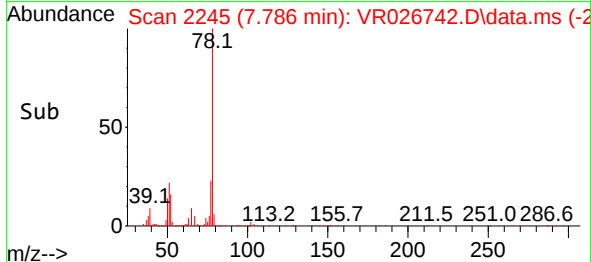
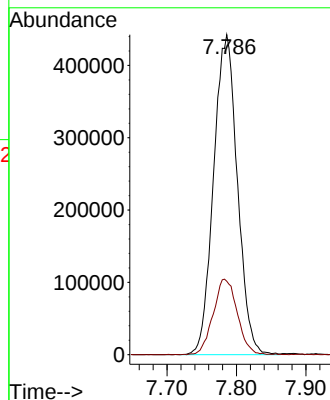
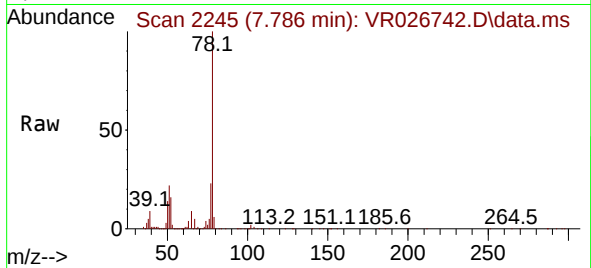




#39
Benzene
Concen: 10.439 ug/l
RT: 7.786 min Scan# 21
Delta R.T. 0.000 min
Lab File: VR026742.D
Acq: 20 Aug 2025 15:22

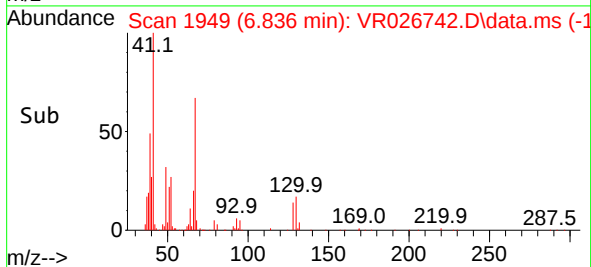
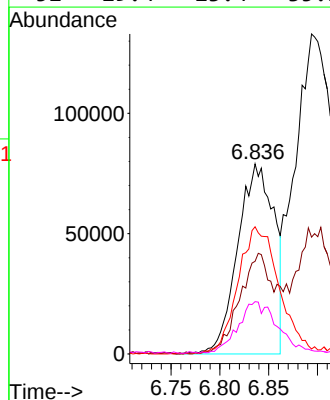
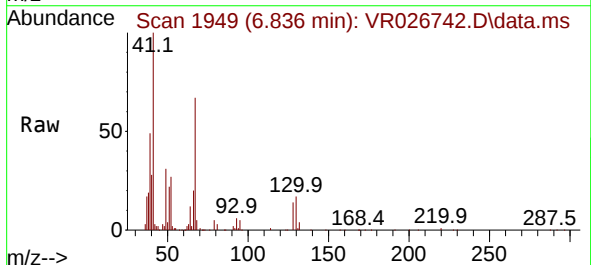
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC010

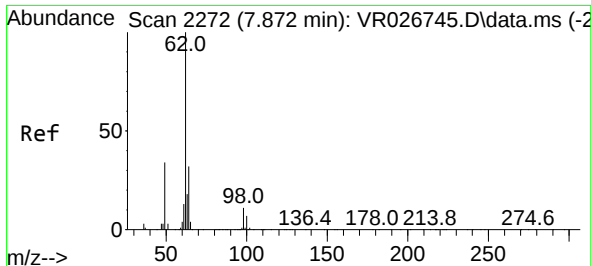
Tgt Ion: 78 Resp: 1053911
Ion Ratio Lower Upper
78 100
77 23.0 24.3 36.5#



#40
Methacrylonitrile
Concen: 9.327 ug/l
RT: 6.836 min Scan# 1949
Delta R.T. -0.003 min
Lab File: VR026742.D
Acq: 20 Aug 2025 15:22

Tgt Ion: 41 Resp: 204661
Ion Ratio Lower Upper
41 100
39 43.9 43.0 64.4
67 75.9 62.6 94.0
52 29.4 23.4 35.2





#41

1,2-Dichloroethane

Concen: 9.434 ug/l

RT: 7.869 min Scan# 21

Delta R.T. -0.003 min

Lab File: VR026742.D

Acq: 20 Aug 2025 15:22

Instrument :

MSVOA_R

ClientSampleId :

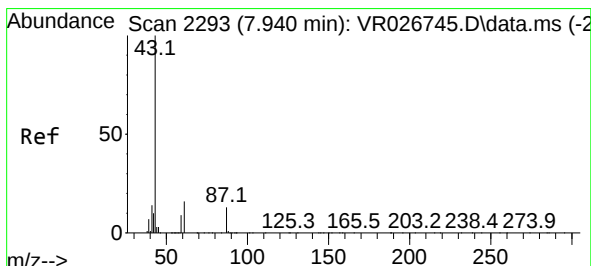
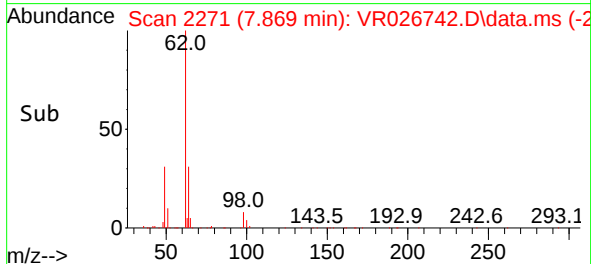
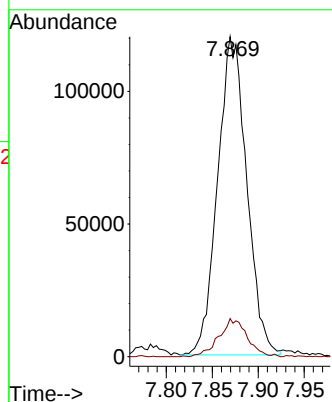
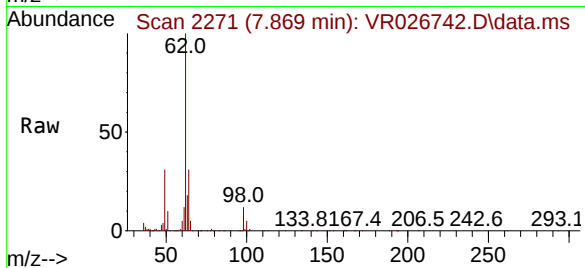
VSTDIC010

Tgt Ion: 62 Resp: 264075

Ion Ratio Lower Upper

62 100

98 11.4 0.0 21.2



#42

Isopropyl Acetate

Concen: 9.898 ug/l

RT: 7.943 min Scan# 2294

Delta R.T. 0.003 min

Lab File: VR026742.D

Acq: 20 Aug 2025 15:22

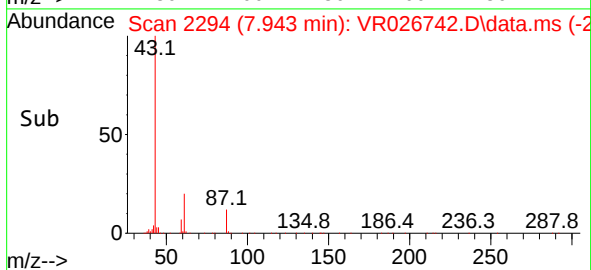
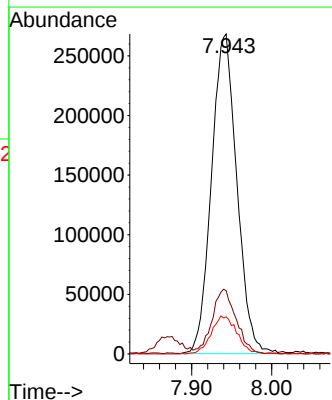
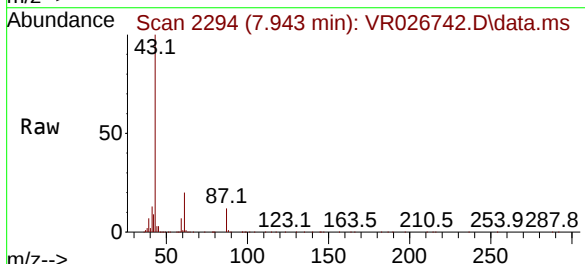
Tgt Ion: 43 Resp: 590364

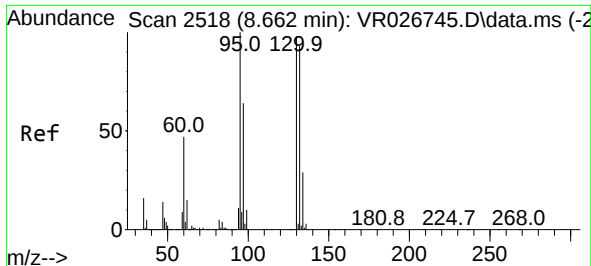
Ion Ratio Lower Upper

43 100

61 19.1 16.8 25.2

87 12.0 10.2 15.4

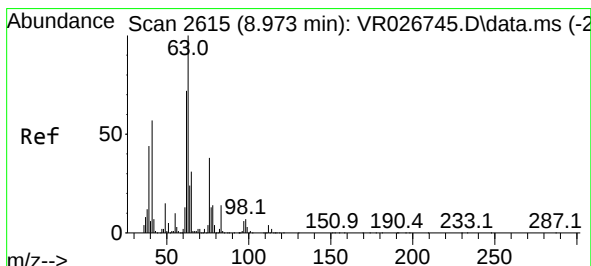
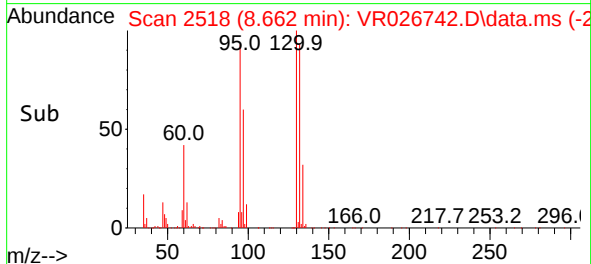
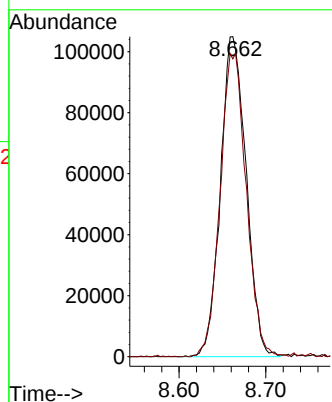
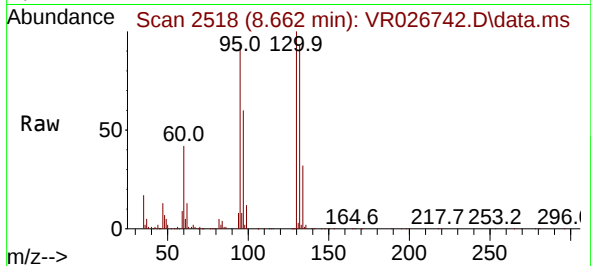




#43
Trichloroethene
Concen: 9.784 ug/l
RT: 8.662 min Scan# 215509
Delta R.T. 0.000 min
Lab File: VR026742.D
Acq: 20 Aug 2025 15:22

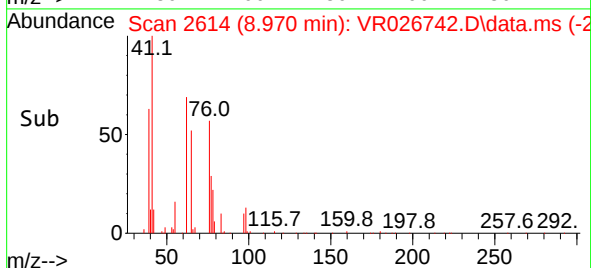
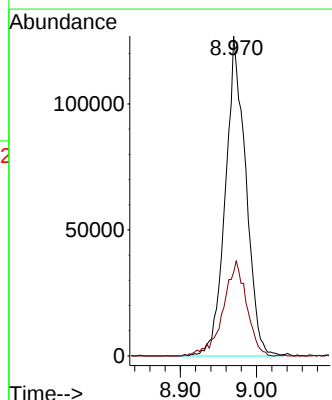
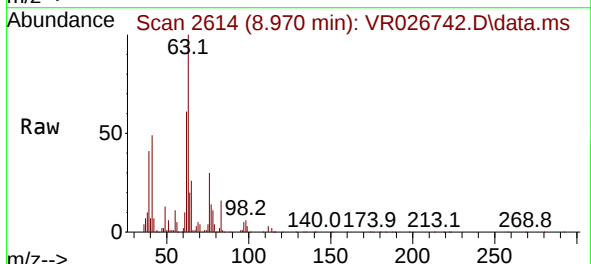
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC010

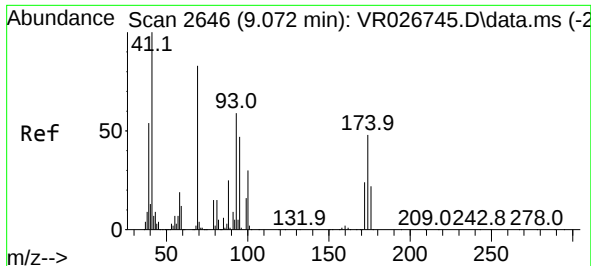
Tgt Ion:130 Resp: 215509
Ion Ratio Lower Upper
130 100
95 93.0 0.0 203.4



#44
1,2-Dichloropropane
Concen: 9.770 ug/l
RT: 8.970 min Scan# 2614
Delta R.T. -0.003 min
Lab File: VR026742.D
Acq: 20 Aug 2025 15:22

Tgt Ion: 63 Resp: 236144
Ion Ratio Lower Upper
63 100
65 26.2 24.8 37.2

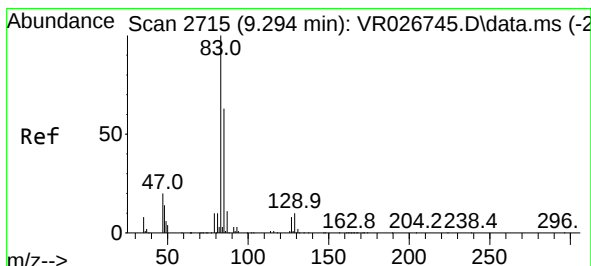
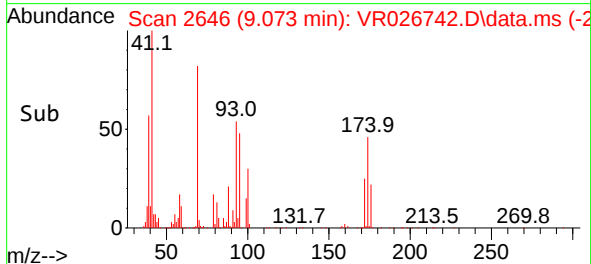
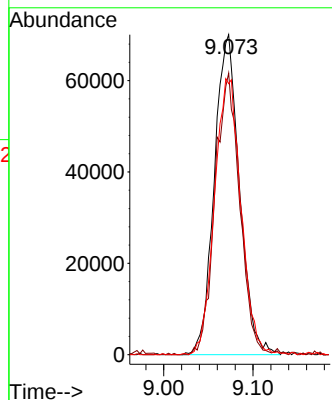
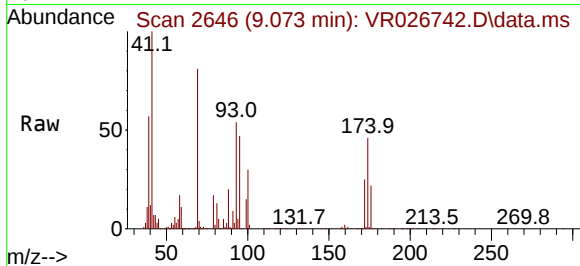




#45
Dibromomethane
Concen: 8.957 ug/l
RT: 9.073 min Scan# 21
Delta R.T. 0.000 min
Lab File: VR026742.D
Acq: 20 Aug 2025 15:22

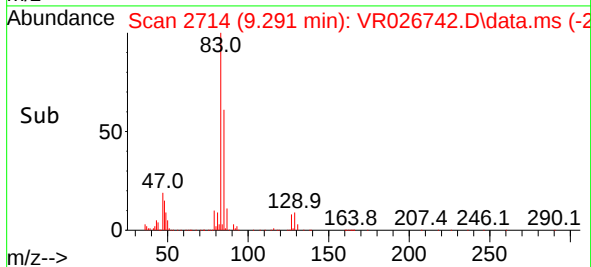
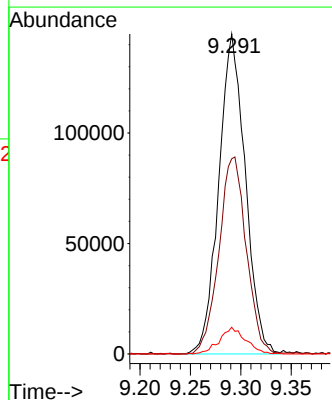
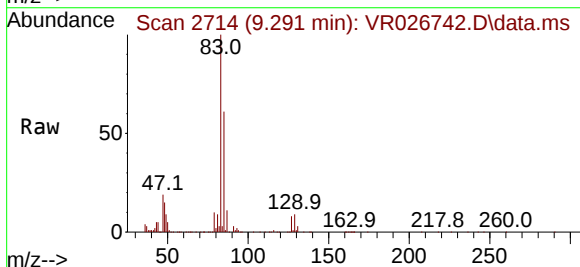
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC010

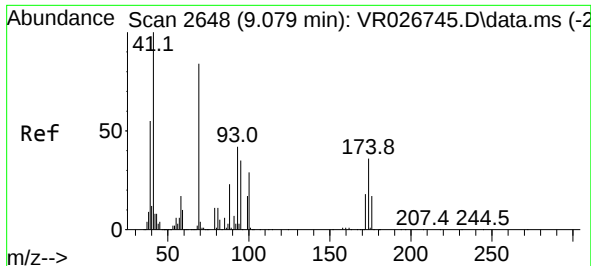
Tgt Ion: 93 Resp: 137529
Ion Ratio Lower Upper
93 100
95 85.8 65.4 98.0
174 90.6 66.5 99.7



#46
Bromodichloromethane
Concen: 9.282 ug/l
RT: 9.291 min Scan# 2714
Delta R.T. -0.003 min
Lab File: VR026742.D
Acq: 20 Aug 2025 15:22

Tgt Ion: 83 Resp: 265268
Ion Ratio Lower Upper
83 100
85 61.0 50.8 76.2
127 8.4 6.0 9.0





#47

Methyl methacrylate

Concen: 9.075 ug/l

RT: 9.079 min Scan# 2648

Delta R.T. 0.000 min

Lab File: VR026742.D

Acq: 20 Aug 2025 15:22

Instrument :

MSVOA_R

ClientSampleId :

VSTDIC010

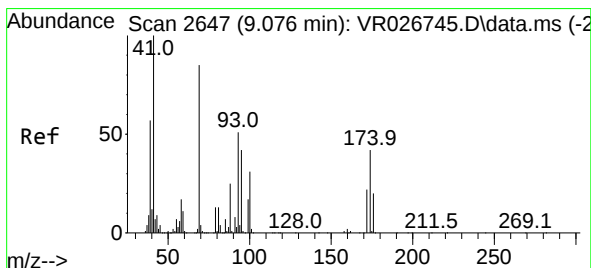
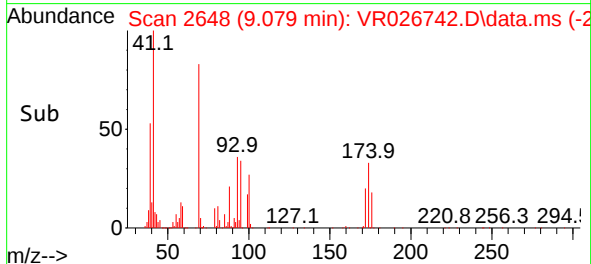
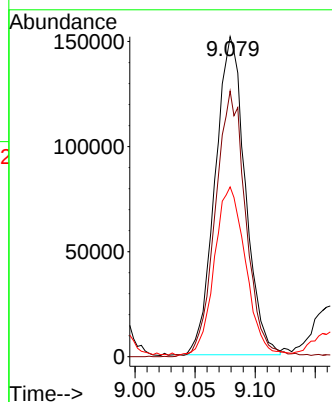
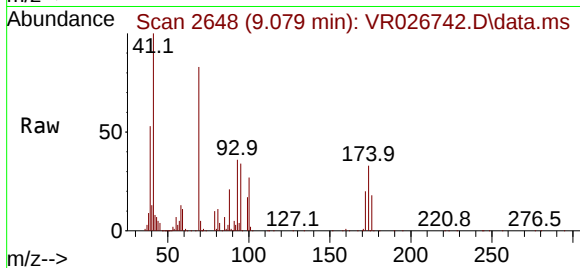
Tgt Ion: 41 Resp: 264189

Ion Ratio Lower Upper

41 100

69 84.6 66.5 99.7

39 54.5 43.3 64.9



#48

1,4-Dioxane

Concen: 187.703 ug/l

RT: 9.076 min Scan# 2647

Delta R.T. -0.000 min

Lab File: VR026742.D

Acq: 20 Aug 2025 15:22

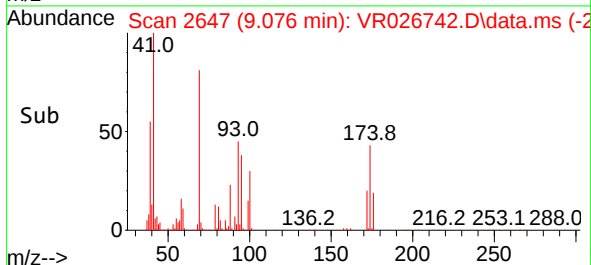
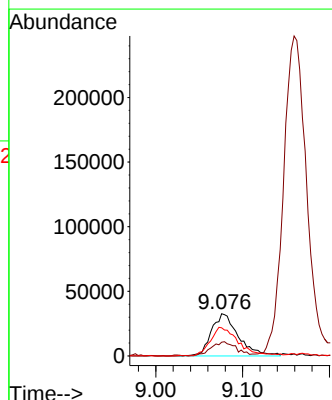
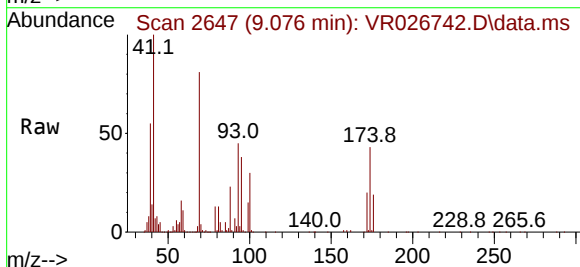
Tgt Ion: 88 Resp: 70197

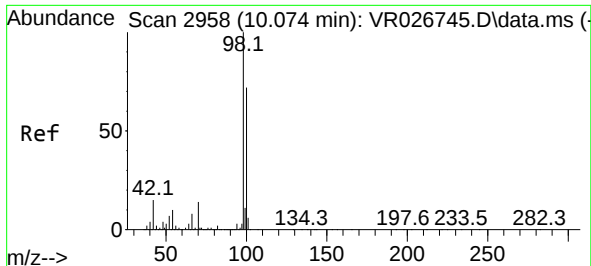
Ion Ratio Lower Upper

88 100

43 30.6 27.1 40.7

58 70.9 55.9 83.9

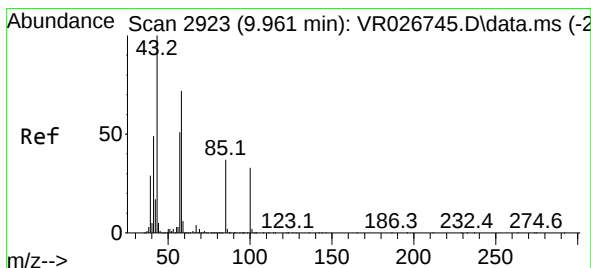
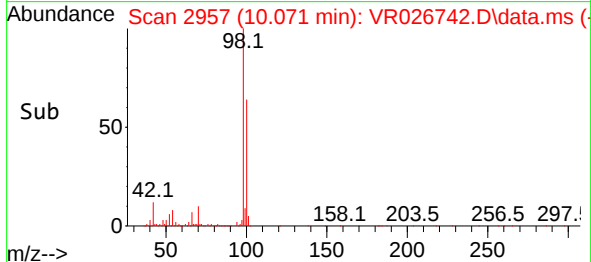
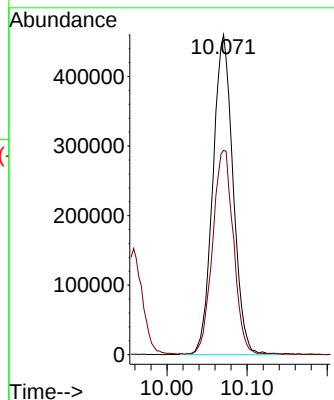
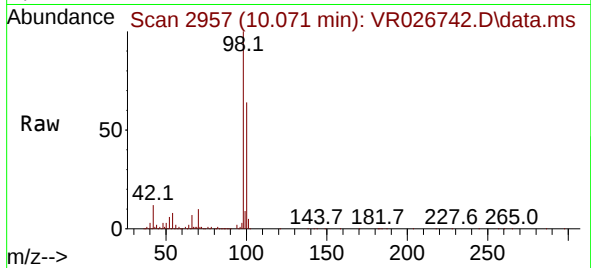




#49
Toluene-d8
Concen: 11.352 ug/l
RT: 10.071 min Scan# 2958
Delta R.T. -0.003 min
Lab File: VR026742.D
Acq: 20 Aug 2025 15:22

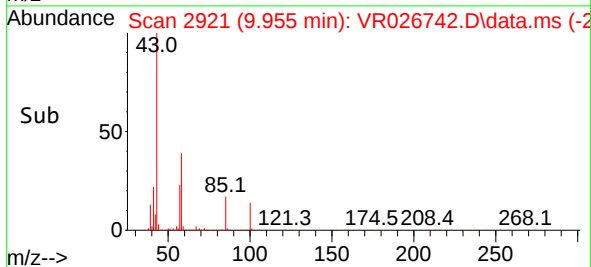
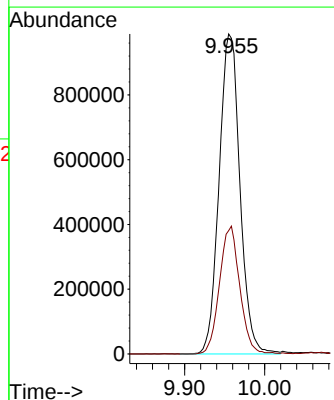
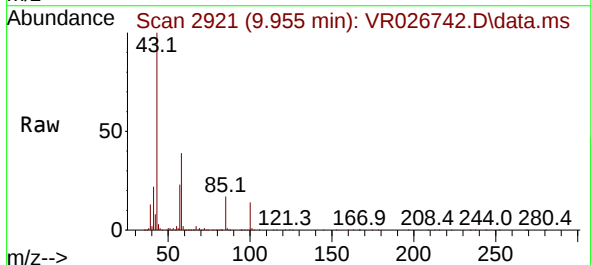
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC010

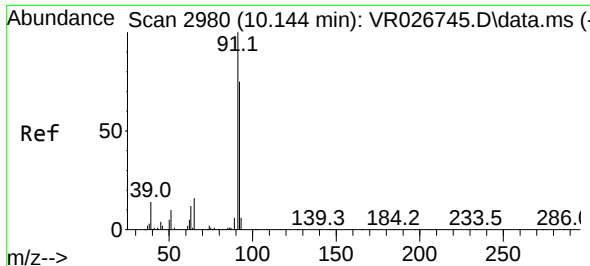
Tgt Ion: 98 Resp: 803634
Ion Ratio Lower Upper
98 100
100 65.7 55.7 83.5



#50
4-Methyl-2-Pentanone
Concen: 49.198 ug/l
RT: 9.955 min Scan# 2921
Delta R.T. -0.006 min
Lab File: VR026742.D
Acq: 20 Aug 2025 15:22

Tgt Ion: 43 Resp: 1782721
Ion Ratio Lower Upper
43 100
58 38.8 46.8 70.2#

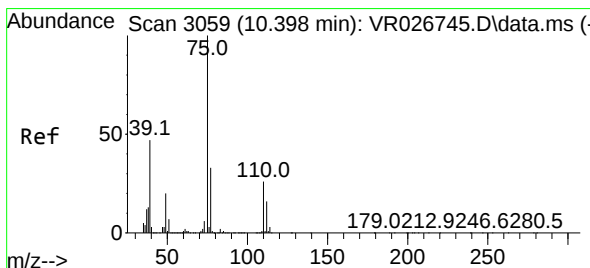
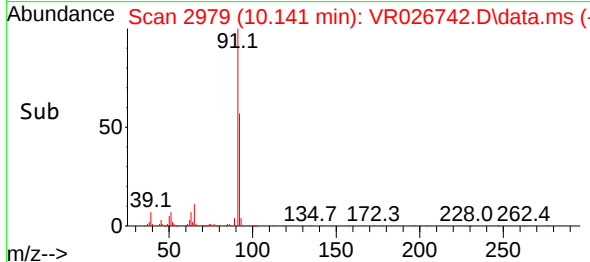
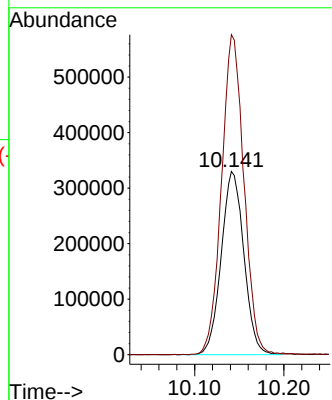
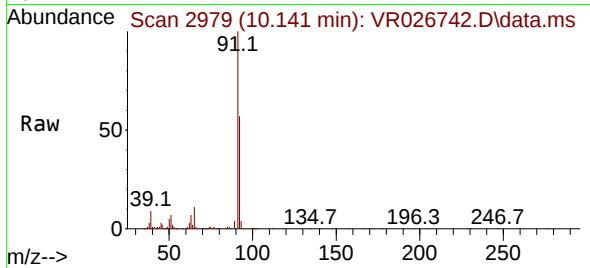




#51
Toluene
Concen: 10.088 ug/l
RT: 10.141 min Scan# 2980
Delta R.T. -0.003 min
Lab File: VR026742.D
Acq: 20 Aug 2025 15:22

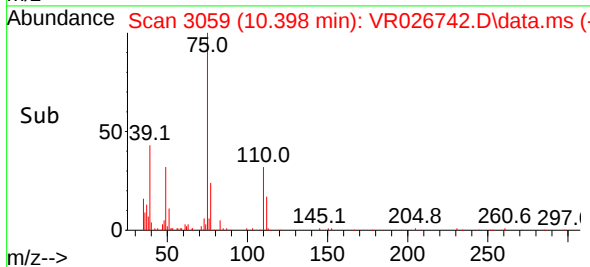
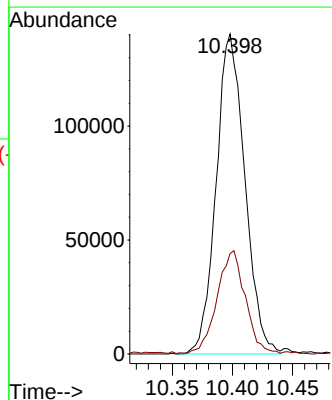
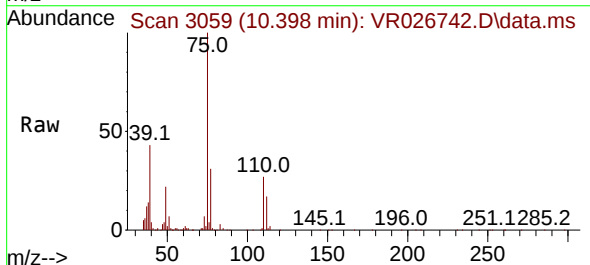
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC010

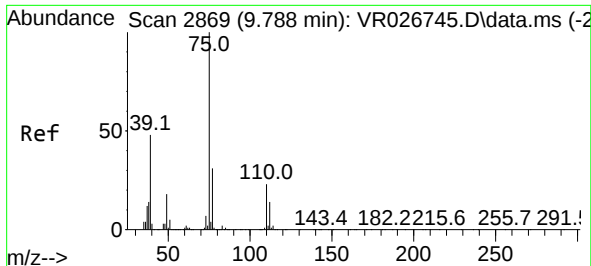
Tgt Ion: 92 Resp: 581550
Ion Ratio Lower Upper
92 100
91 173.1 120.1 180.1



#52
t-1,3-Dichloropropene
Concen: 8.603 ug/l
RT: 10.398 min Scan# 3059
Delta R.T. 0.000 min
Lab File: VR026742.D
Acq: 20 Aug 2025 15:22

Tgt Ion: 75 Resp: 232861
Ion Ratio Lower Upper
75 100
77 31.2 26.2 39.4

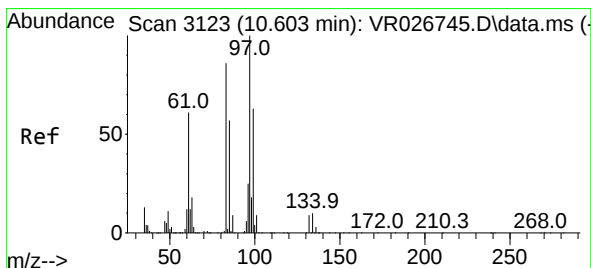
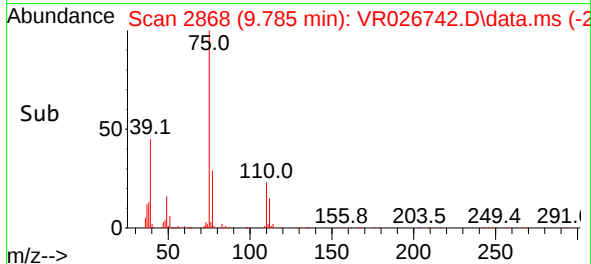
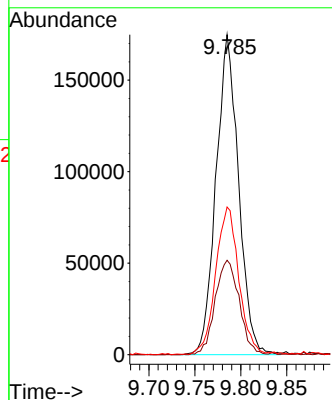
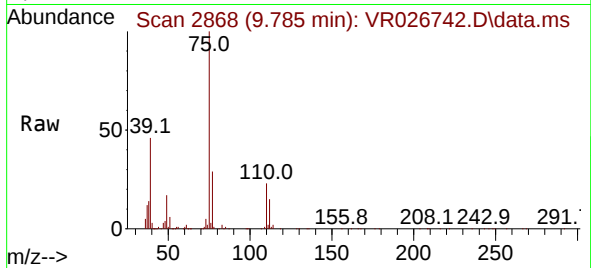




#53
 cis-1,3-Dichloropropene
 Concen: 9.064 ug/l
 RT: 9.785 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VR026742.D
 Acq: 20 Aug 2025 15:22

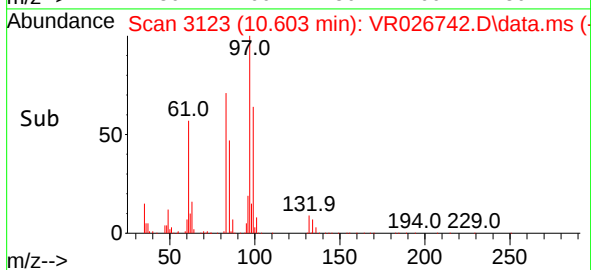
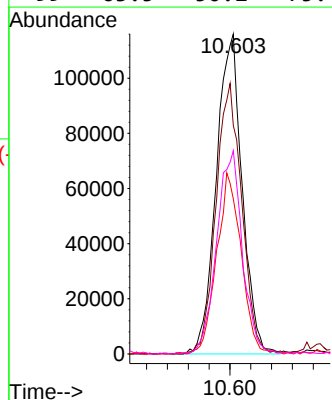
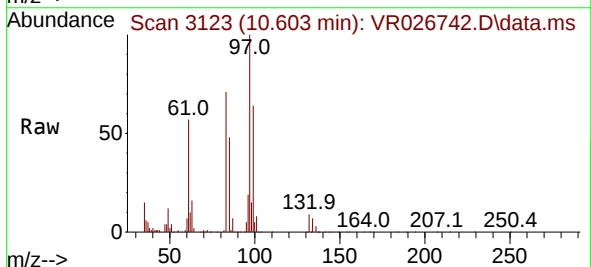
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDIC010

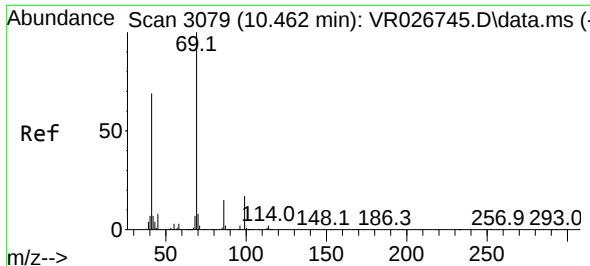
Tgt Ion: 75 Resp: 297634
 Ion Ratio Lower Upper
 75 100
 77 29.5 25.1 37.7
 39 46.0 38.5 57.7



#54
 1,1,2-Trichloroethane
 Concen: 9.780 ug/l
 RT: 10.603 min Scan# 3123
 Delta R.T. 0.000 min
 Lab File: VR026742.D
 Acq: 20 Aug 2025 15:22

Tgt Ion: 97 Resp: 200126
 Ion Ratio Lower Upper
 97 100
 83 71.4 68.9 103.3
 85 48.1 45.3 67.9
 99 63.5 50.2 75.4

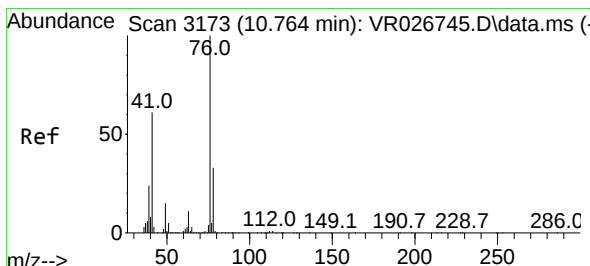
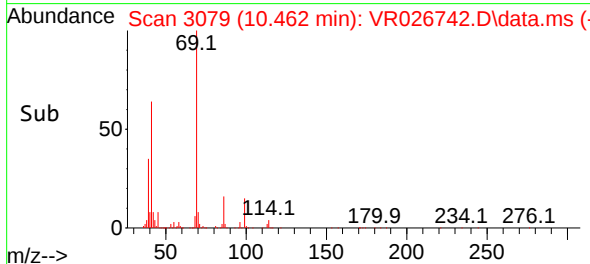
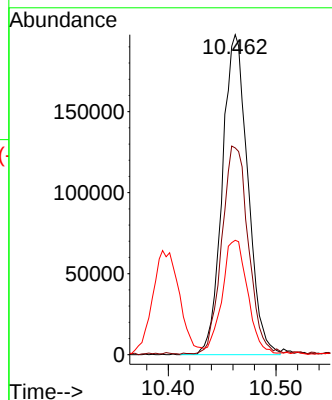
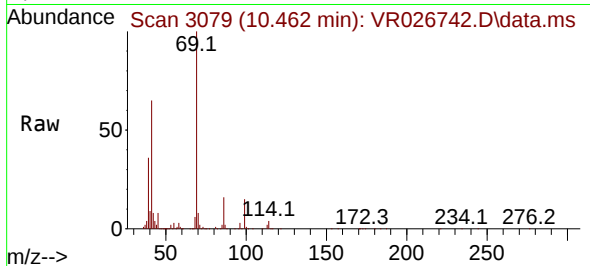




#55
Ethyl methacrylate
Concen: 9.232 ug/l
RT: 10.462 min Scan# 3079
Delta R.T. 0.000 min
Lab File: VR026742.D
Acq: 20 Aug 2025 15:22

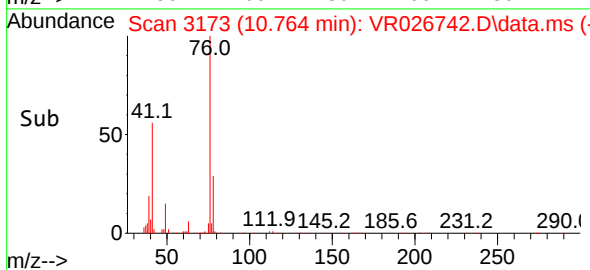
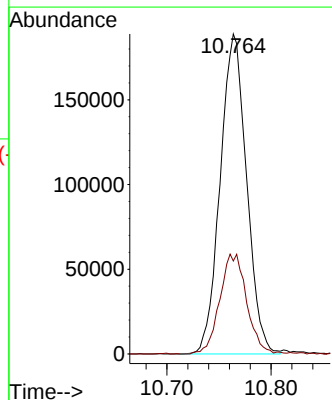
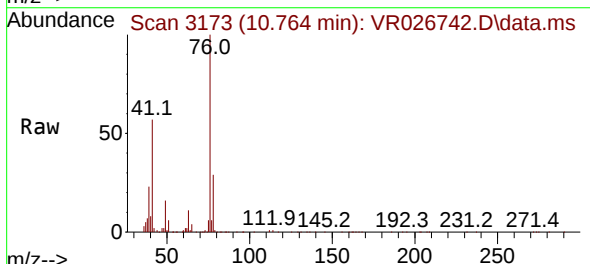
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC010

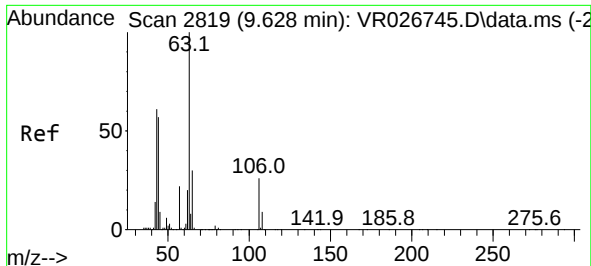
Tgt Ion: 69 Resp: 324928
Ion Ratio Lower Upper
69 100
41 67.1 55.6 83.4
39 34.9 29.2 43.8



#56
1,3-Dichloropropane
Concen: 9.640 ug/l
RT: 10.764 min Scan# 3173
Delta R.T. 0.000 min
Lab File: VR026742.D
Acq: 20 Aug 2025 15:22

Tgt Ion: 76 Resp: 332489
Ion Ratio Lower Upper
76 100
78 31.9 25.9 38.9

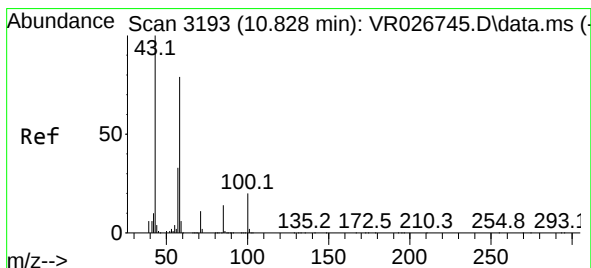
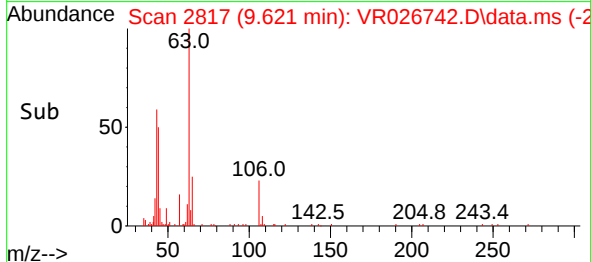
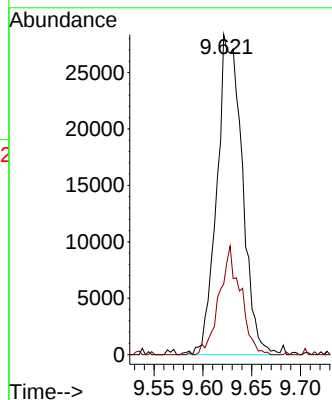
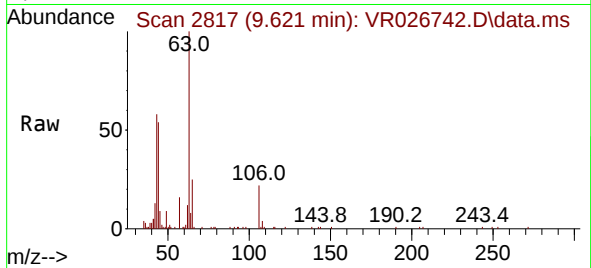




#57
2-Chloroethyl Vinyl ether
Concen: 46.225 ug/l
RT: 9.621 min Scan# 21
Delta R.T. -0.007 min
Lab File: VR026742.D
Acq: 20 Aug 2025 15:22

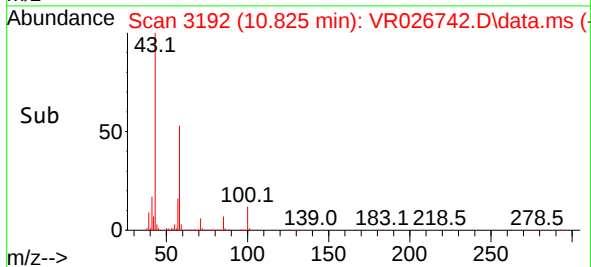
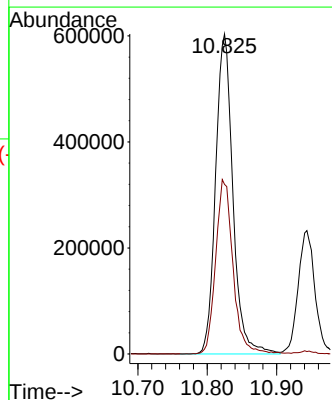
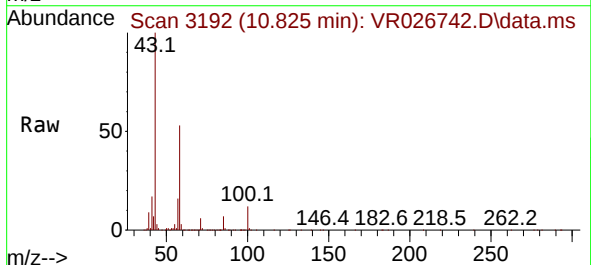
Instrument :
MSVOA_R
ClientSampleId :
VSTDICC010

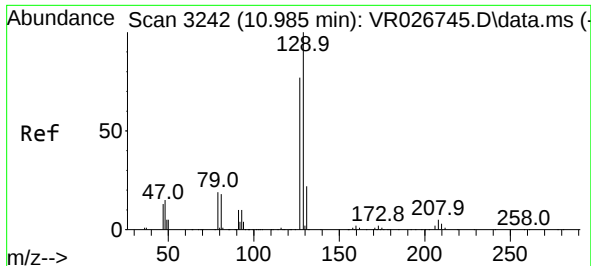
Tgt Ion: 63 Resp: 51128
Ion Ratio Lower Upper
63 100
106 28.6 21.5 32.3



#58
2-Hexanone
Concen: 51.818 ug/l
RT: 10.825 min Scan# 3192
Delta R.T. -0.003 min
Lab File: VR026742.D
Acq: 20 Aug 2025 15:22

Tgt Ion: 43 Resp: 1044376
Ion Ratio Lower Upper
43 100
58 54.8 34.0 102.0





#59

Dibromochloromethane

Concen: 9.263 ug/l

RT: 10.985 min Scan# 31

Delta R.T. 0.000 min

Lab File: VR026742.D

Acq: 20 Aug 2025 15:22

Instrument :

MSVOA_R

ClientSampleId :

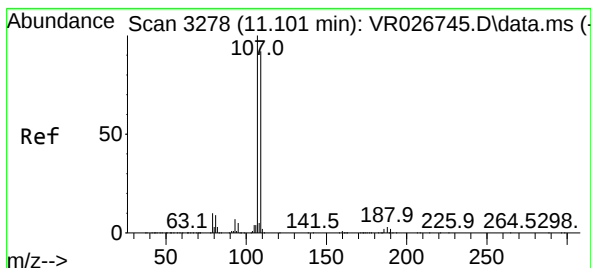
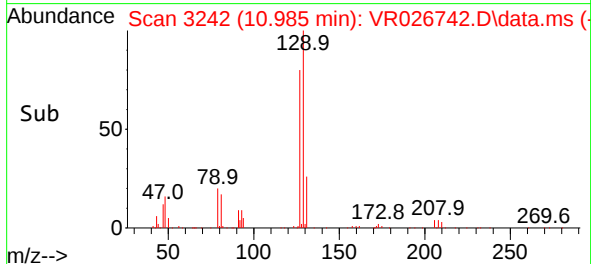
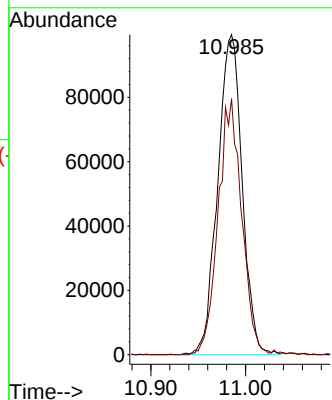
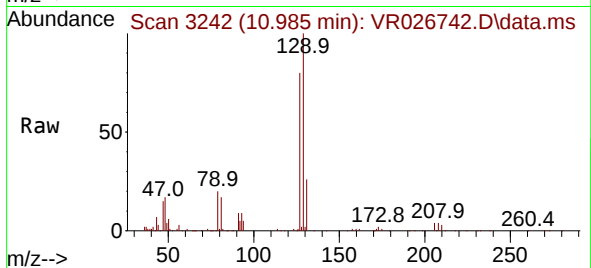
VSTDIC010

Tgt Ion:129 Resp: 178288

Ion Ratio Lower Upper

129 100

127 76.9 38.9 116.7



#60

1,2-Dibromoethane

Concen: 9.395 ug/l

RT: 11.104 min Scan# 3279

Delta R.T. 0.003 min

Lab File: VR026742.D

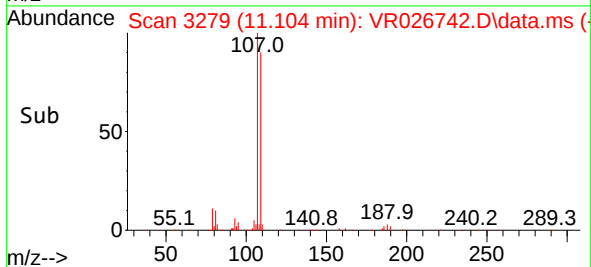
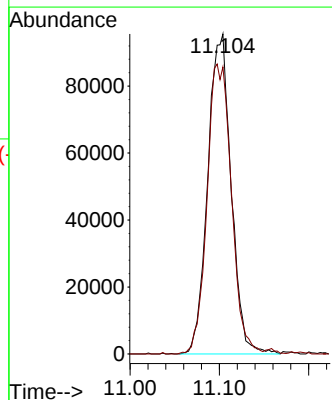
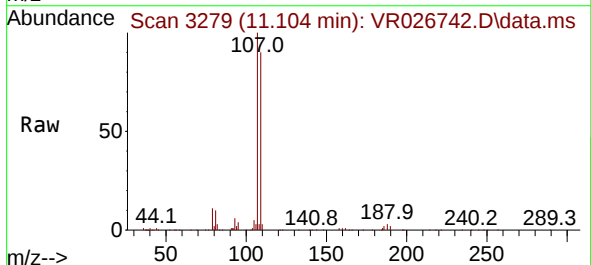
Acq: 20 Aug 2025 15:22

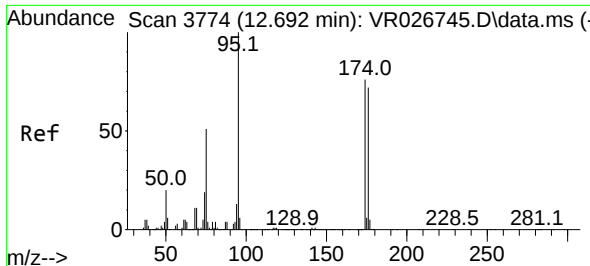
Tgt Ion:107 Resp: 173757

Ion Ratio Lower Upper

107 100

109 94.5 74.3 111.5

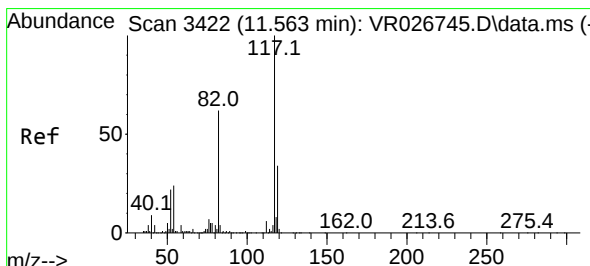
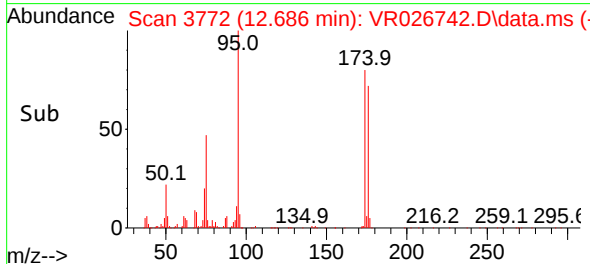
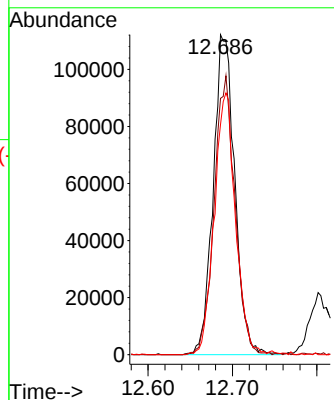
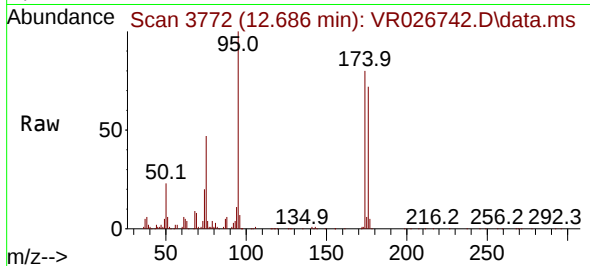




#61
4-Bromofluorobenzene
Concen: 9.863 ug/l
RT: 12.686 min Scan# 31
Delta R.T. -0.006 min
Lab File: VR026742.D
Acq: 20 Aug 2025 15:22

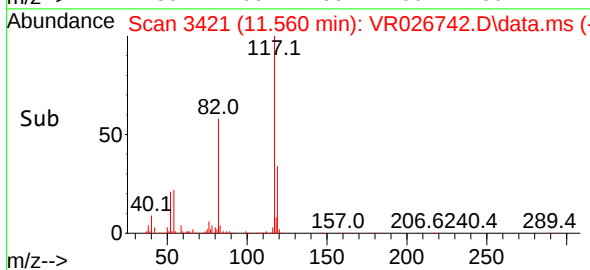
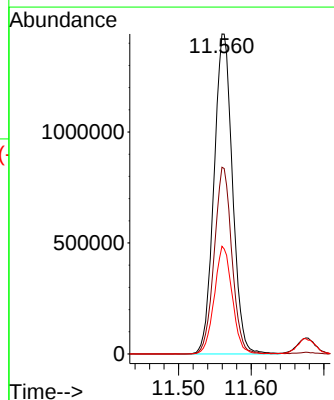
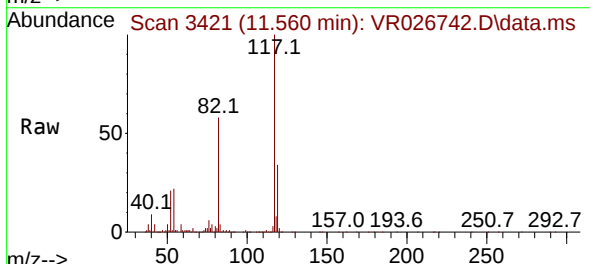
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC010

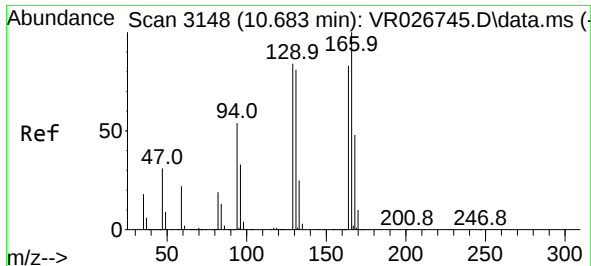
Tgt Ion: 95 Resp: 198122
Ion Ratio Lower Upper
95 100
174 84.6 0.0 156.6
176 80.9 0.0 150.2



#62
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.560 min Scan# 3421
Delta R.T. -0.003 min
Lab File: VR026742.D
Acq: 20 Aug 2025 15:22

Tgt Ion: 117 Resp: 2550759
Ion Ratio Lower Upper
117 100
82 58.3 49.9 74.9
119 33.7 27.4 41.2

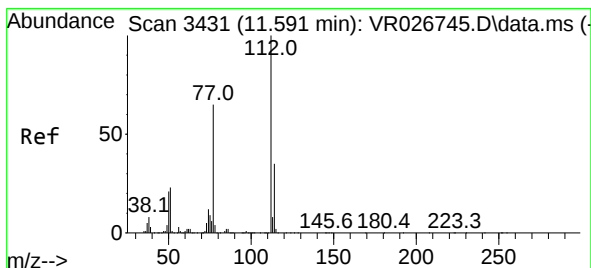
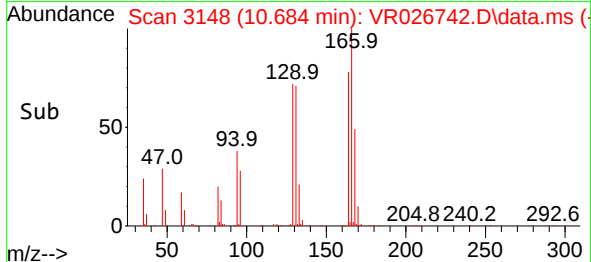
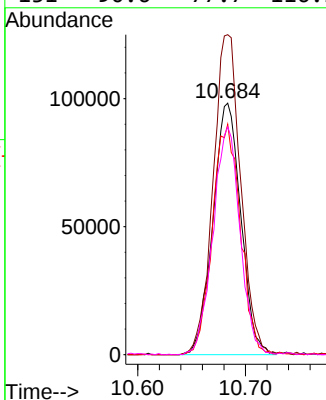
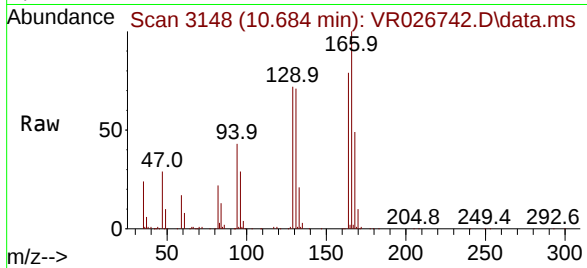




#63
Tetrachloroethene
Concen: 9.852 ug/l
RT: 10.684 min Scan# 3148
Delta R.T. 0.000 min
Lab File: VR026742.D
Acq: 20 Aug 2025 15:22

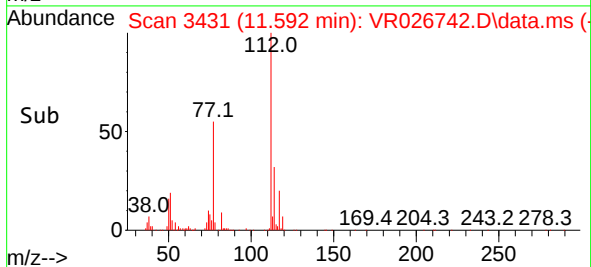
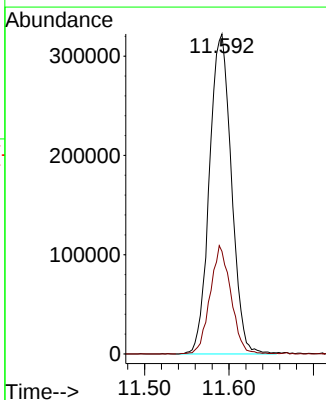
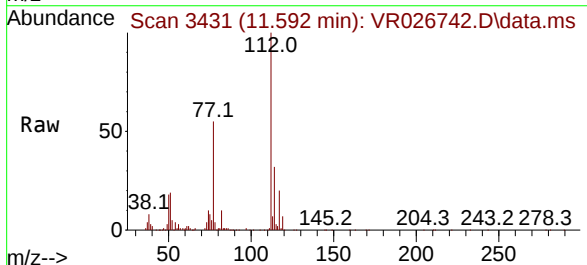
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC010

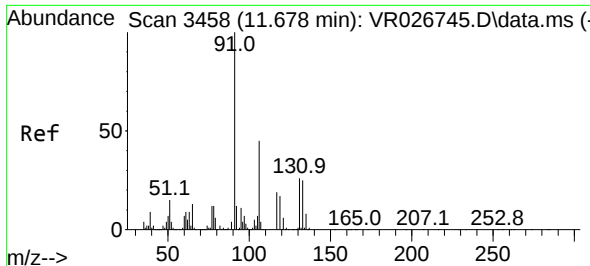
Tgt Ion:164 Resp: 176572
Ion Ratio Lower Upper
164 100
166 127.2 95.9 143.9
129 91.6 80.2 120.2
131 90.6 77.7 116.5



#64
Chlorobenzene
Concen: 10.262 ug/l
RT: 11.592 min Scan# 3431
Delta R.T. 0.000 min
Lab File: VR026742.D
Acq: 20 Aug 2025 15:22

Tgt Ion:112 Resp: 582509
Ion Ratio Lower Upper
112 100
114 32.1 28.0 42.0

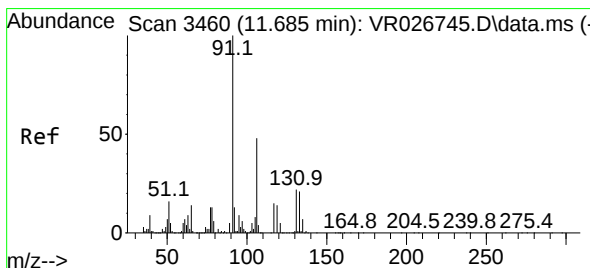
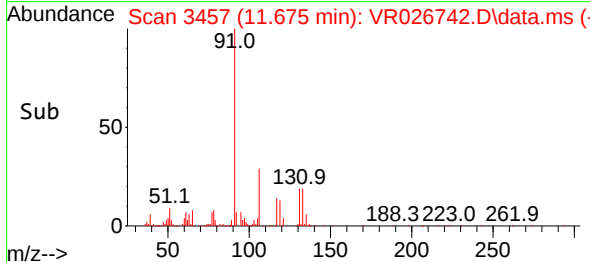
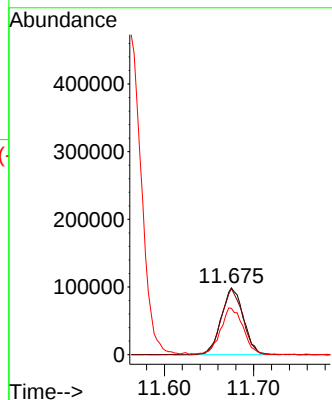
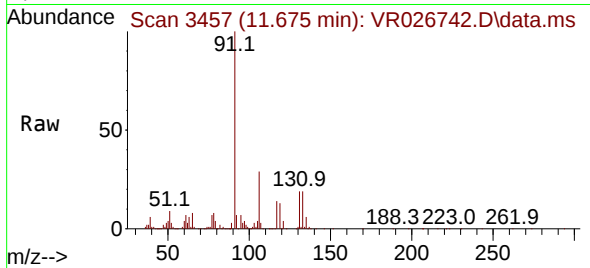




#65
1,1,1,2-Tetrachloroethane
Concen: 8.950 ug/l
RT: 11.675 min Scan# 3458
Delta R.T. -0.003 min
Lab File: VR026742.D
Acq: 20 Aug 2025 15:22

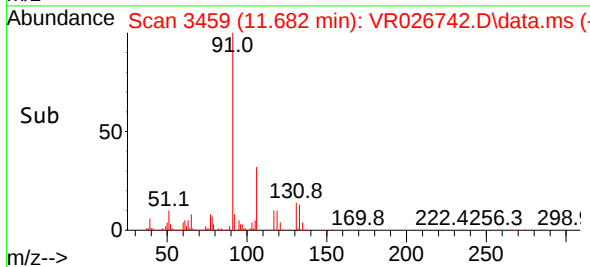
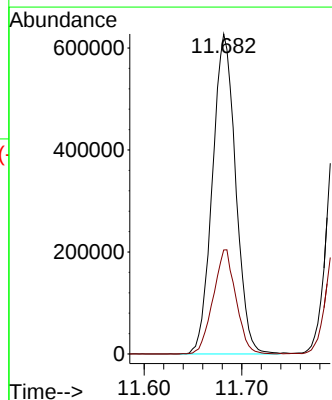
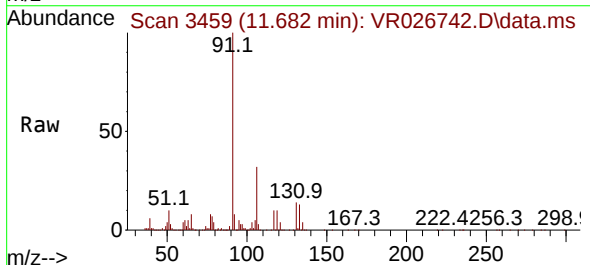
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC010

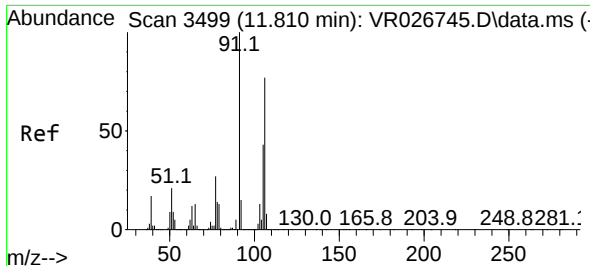
Tgt Ion:131 Resp: 170576
Ion Ratio Lower Upper
131 100
133 96.4 47.3 141.8
119 70.5 33.9 101.7



#66
Ethyl Benzene
Concen: 10.919 ug/l
RT: 11.682 min Scan# 3459
Delta R.T. -0.003 min
Lab File: VR026742.D
Acq: 20 Aug 2025 15:22

Tgt Ion: 91 Resp: 1036246
Ion Ratio Lower Upper
91 100
106 32.4 38.7 58.1#

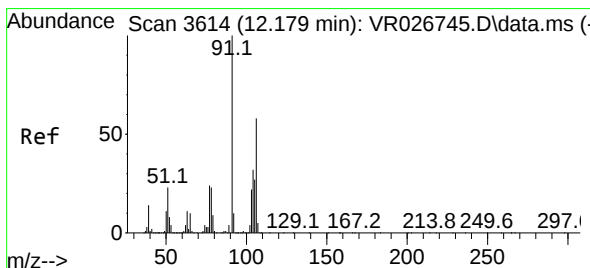
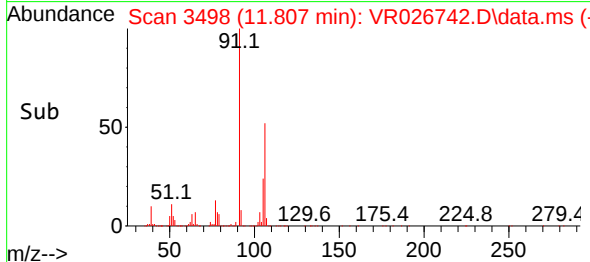
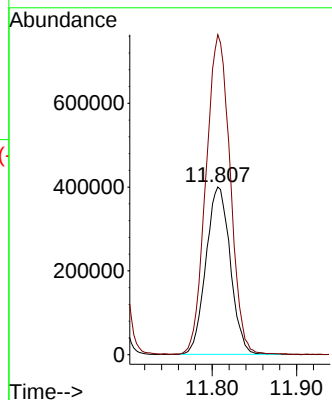
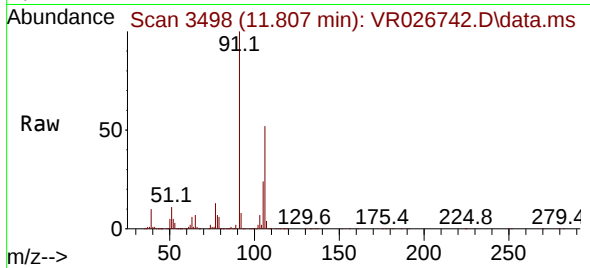




#67
m/p-Xylenes
Concen: 20.148 ug/l
RT: 11.807 min Scan# 3499
Delta R.T. -0.003 min
Lab File: VR026742.D
Acq: 20 Aug 2025 15:22

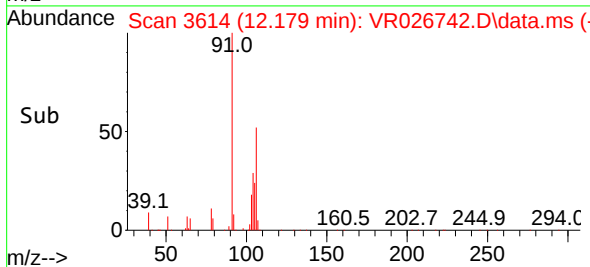
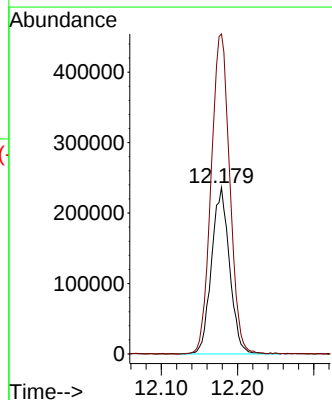
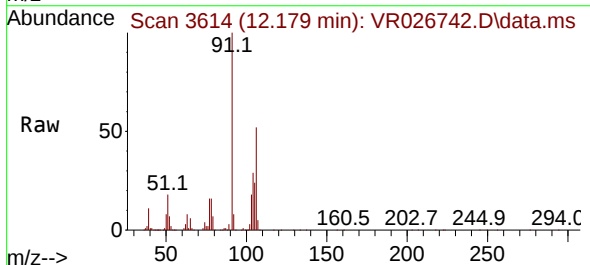
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC010

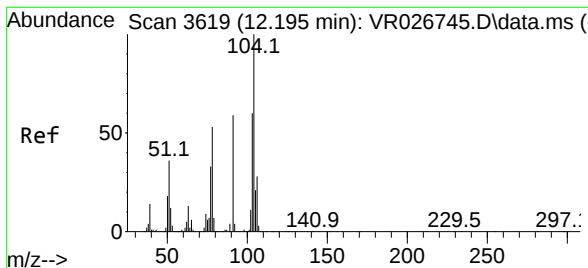
Tgt Ion:106 Resp: 800154
Ion Ratio Lower Upper
106 100
91 190.4 121.6 182.4#



#68
o-Xylene
Concen: 9.630 ug/l
RT: 12.179 min Scan# 3614
Delta R.T. 0.000 min
Lab File: VR026742.D
Acq: 20 Aug 2025 15:22

Tgt Ion:106 Resp: 387530
Ion Ratio Lower Upper
106 100
91 199.4 93.7 281.1





#69

Styrene

Concen: 9.424 ug/l

RT: 12.195 min Scan# 3619

Delta R.T. 0.000 min

Lab File: VR026742.D

Acq: 20 Aug 2025 15:22

Instrument :

MSVOA_R

ClientSampleId :

VSTDIC010

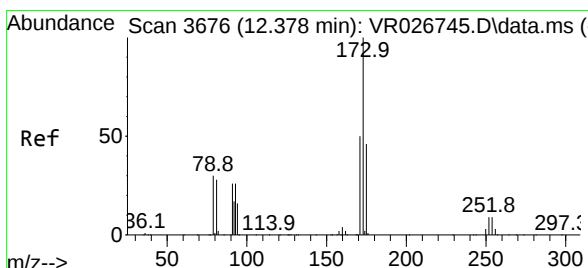
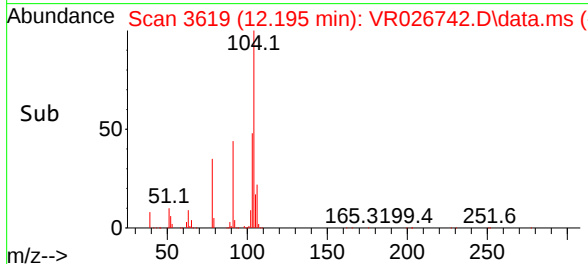
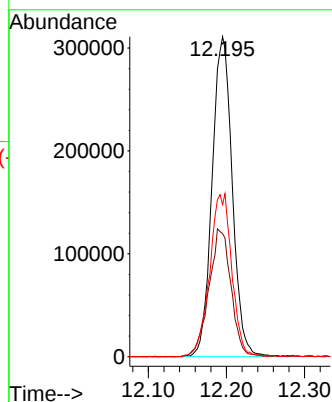
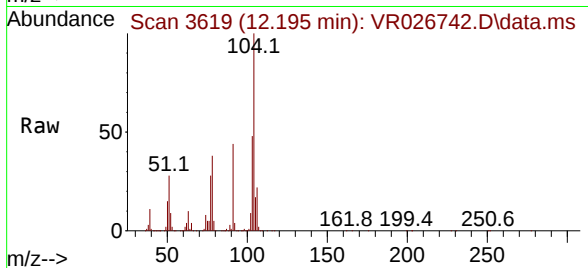
Tgt Ion:104 Resp: 558036

Ion Ratio Lower Upper

104 100

78 43.7 42.5 63.7

103 55.8 47.5 71.3



#70

Bromoform

Concen: 9.169 ug/l

RT: 12.375 min Scan# 3675

Delta R.T. -0.003 min

Lab File: VR026742.D

Acq: 20 Aug 2025 15:22

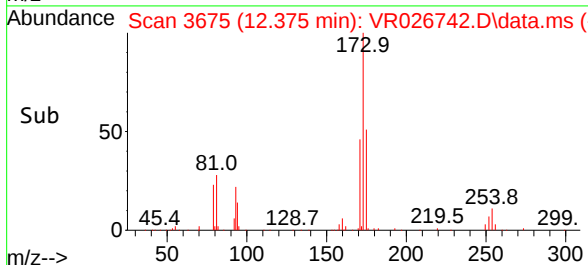
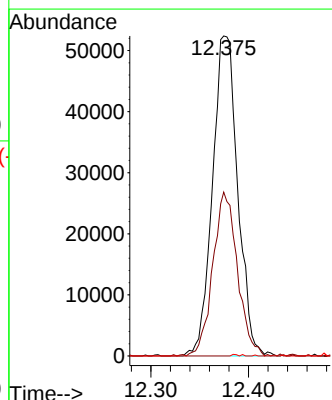
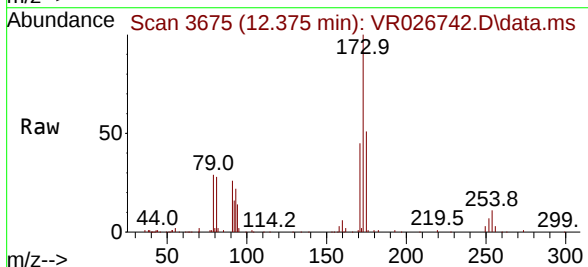
Tgt Ion:173 Resp: 94227

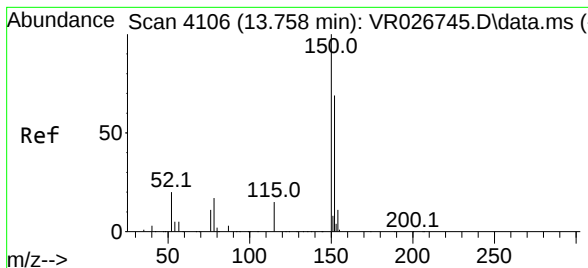
Ion Ratio Lower Upper

173 100

175 49.7 23.8 71.4

254 0.1 0.0 0.0#

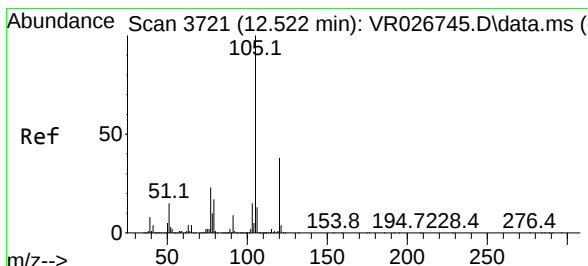
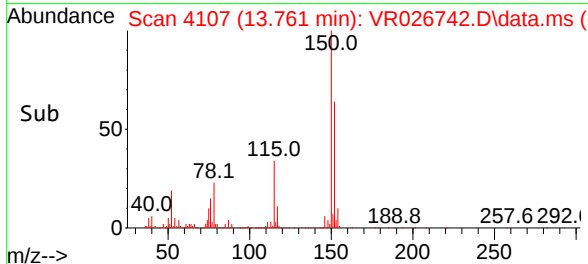
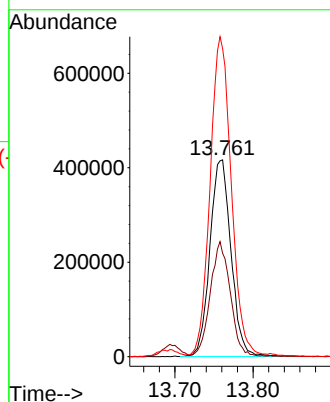
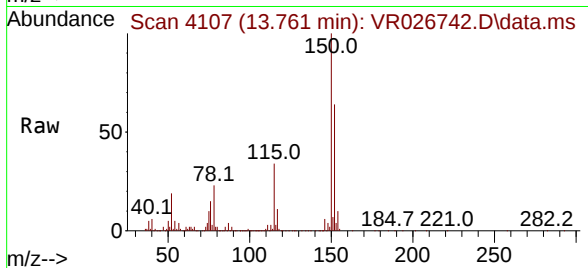




#71
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.761 min Scan# 4106
Delta R.T. 0.003 min
Lab File: VR026742.D
Acq: 20 Aug 2025 15:22

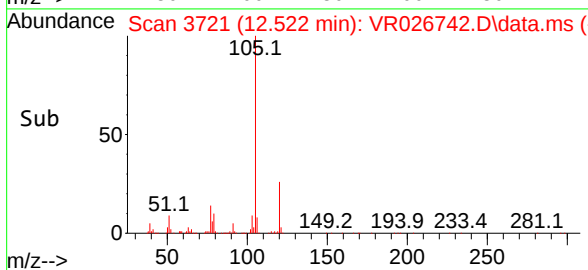
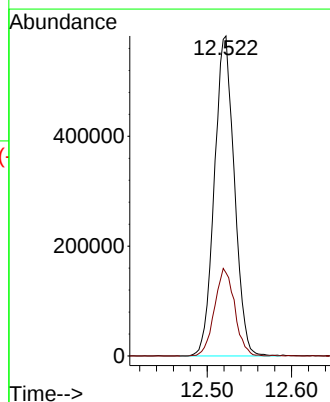
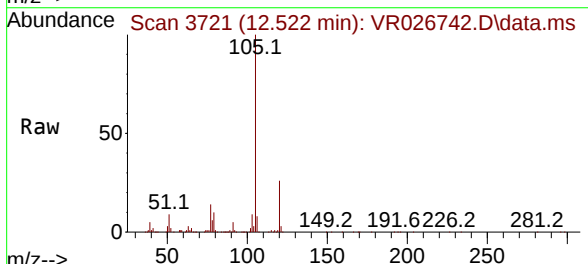
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC010

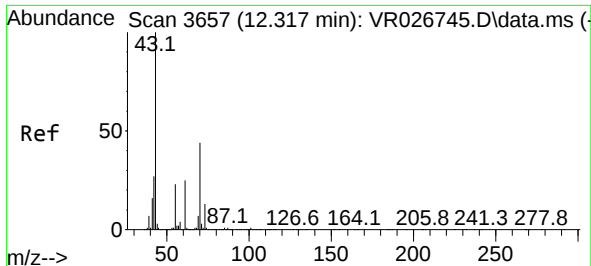
Tgt Ion:152 Resp: 782416
Ion Ratio Lower Upper
152 100
115 54.7 28.5 85.5
150 160.6 0.0 352.0



#72
Isopropylbenzene
Concen: 11.249 ug/l
RT: 12.522 min Scan# 3721
Delta R.T. 0.000 min
Lab File: VR026742.D
Acq: 20 Aug 2025 15:22

Tgt Ion:105 Resp: 955341
Ion Ratio Lower Upper
105 100
120 27.6 16.4 49.2



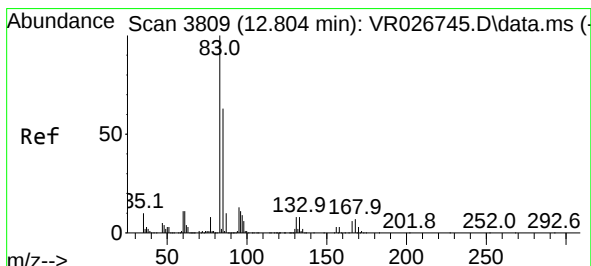
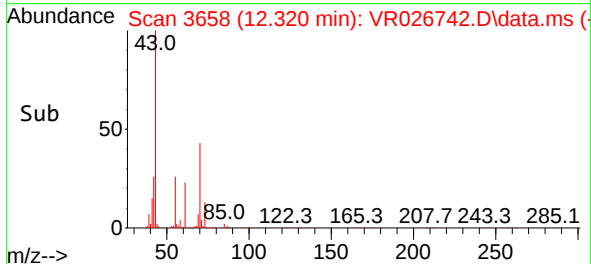
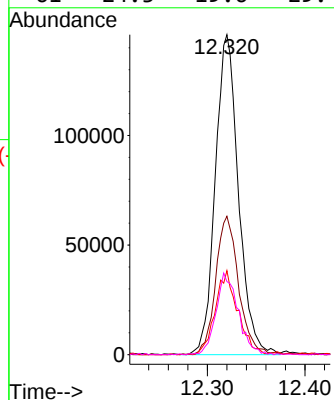
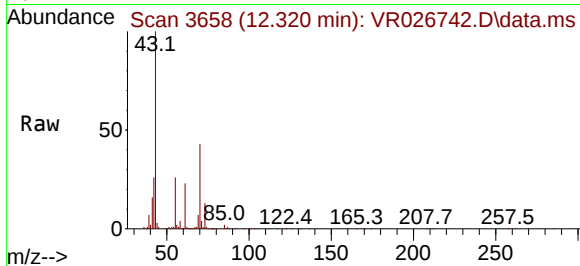


#73
N-amy1 acetate
Concen: 7.845 ug/l
RT: 12.320 min Scan# 30
Delta R.T. 0.003 min
Lab File: VR026742.D
Acq: 20 Aug 2025 15:22

Instrument :
MSVOA_R
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 240542

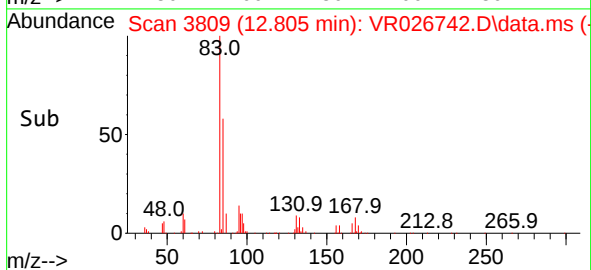
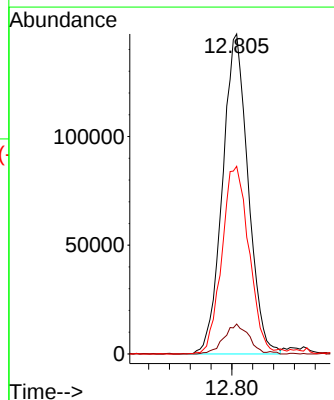
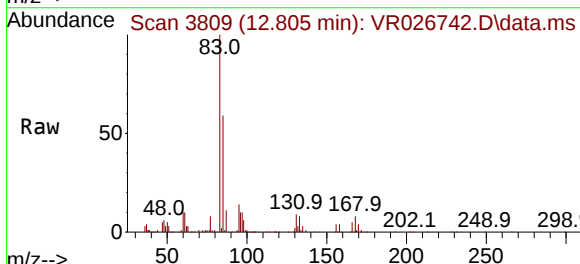
Ion	Ratio	Lower	Upper
43	100		
70	43.0	34.1	51.1
55	25.6	18.1	27.1
61	24.3	19.6	29.4

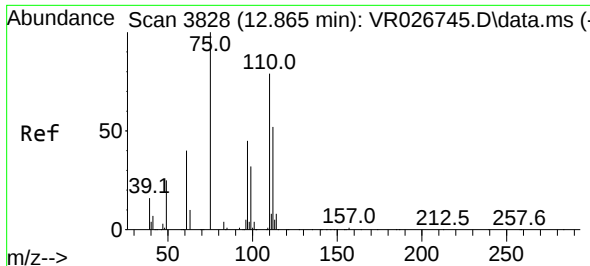


#74
1,1,2,2-Tetrachloroethane
Concen: 10.339 ug/l
RT: 12.805 min Scan# 3809
Delta R.T. 0.000 min
Lab File: VR026742.D
Acq: 20 Aug 2025 15:22

Tgt Ion: 83 Resp: 251360

Ion	Ratio	Lower	Upper
83	100		
131	9.0	4.6	13.8
85	62.1	31.7	95.1

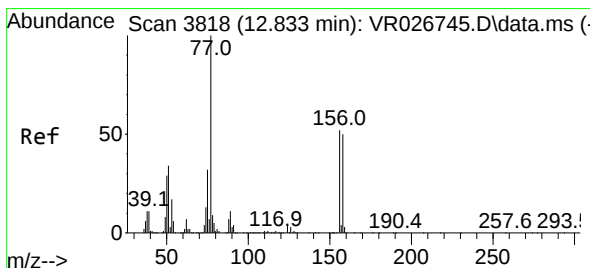
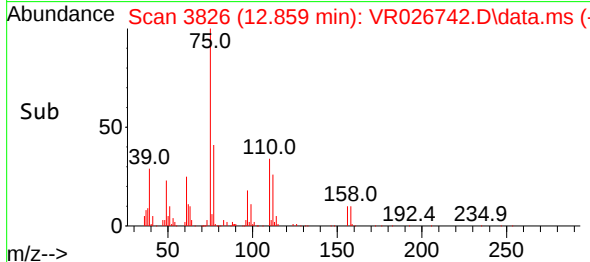
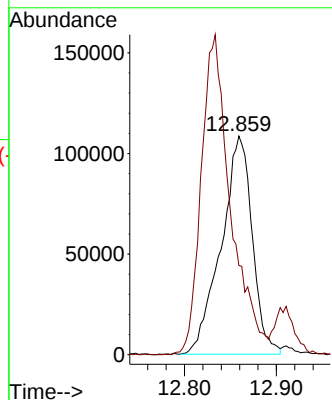
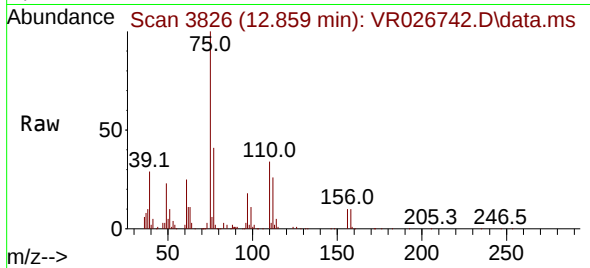




#75
1,2,3-Trichloropropane
Concen: 14.474 ug/l
RT: 12.859 min Scan# 3826
Delta R.T. -0.006 min
Lab File: VR026742.D
Acq: 20 Aug 2025 15:22

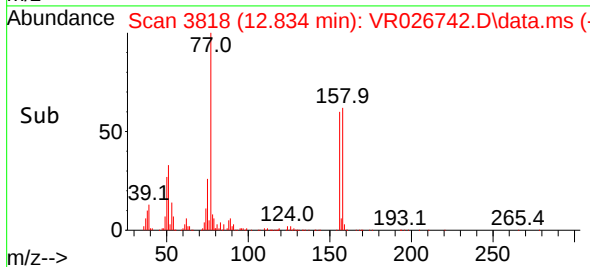
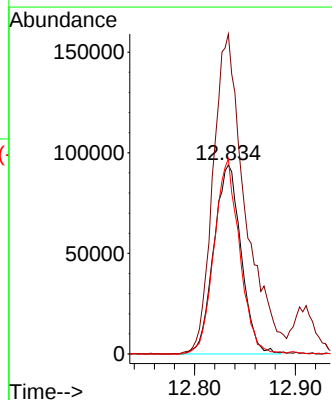
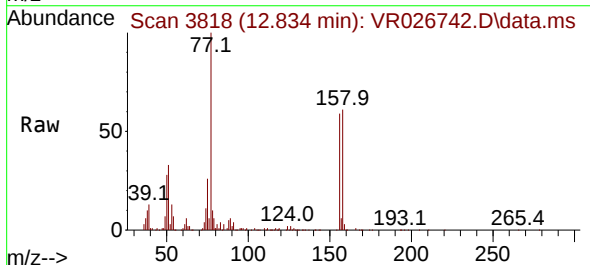
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC010

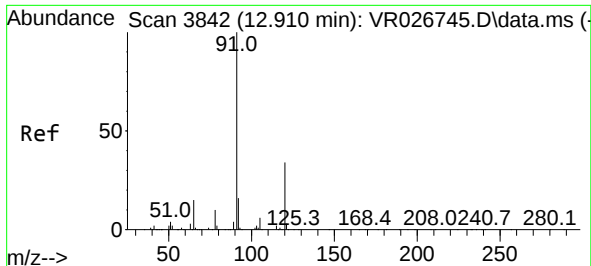
Tgt Ion: 75 Resp: 254879
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#76
Bromobenzene
Concen: 9.509 ug/l
RT: 12.834 min Scan# 3818
Delta R.T. 0.000 min
Lab File: VR026742.D
Acq: 20 Aug 2025 15:22

Tgt Ion:156 Resp: 176777
Ion Ratio Lower Upper
156 100
77 199.7 109.8 329.4
158 96.5 47.5 142.6

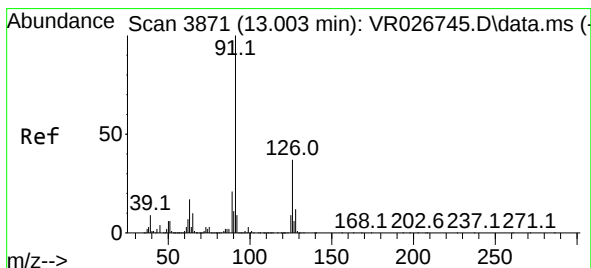
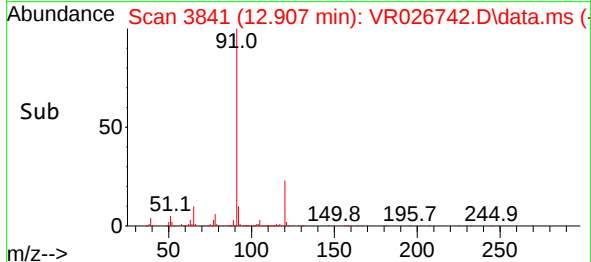
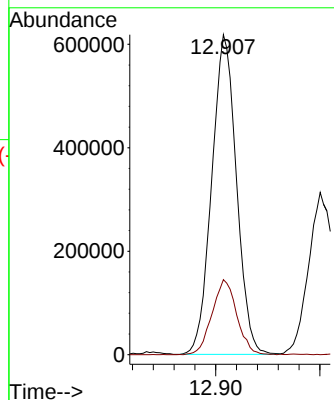
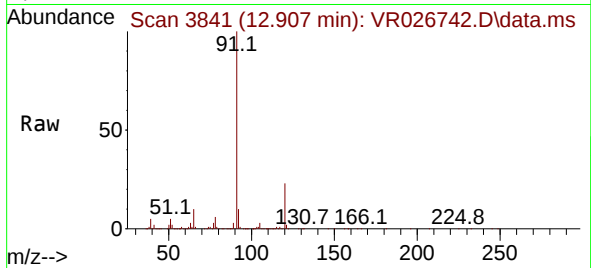




#77
n-propylbenzene
Concen: 11.189 ug/l
RT: 12.907 min Scan# 3841
Delta R.T. -0.003 min
Lab File: VR026742.D
Acq: 20 Aug 2025 15:22

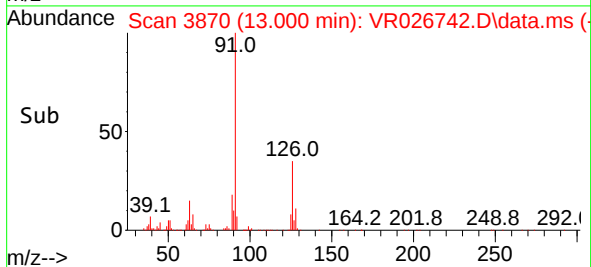
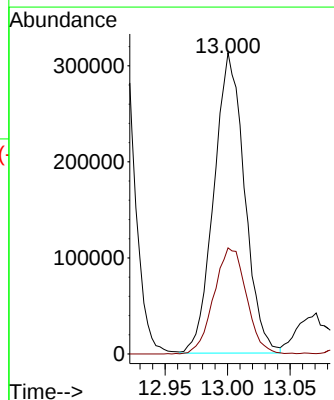
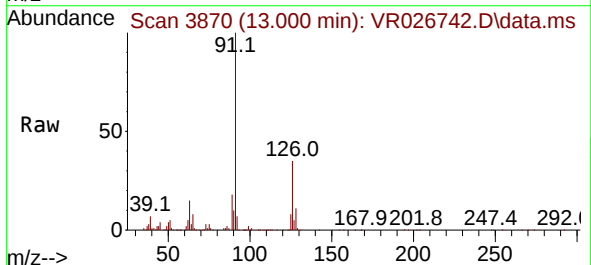
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC010

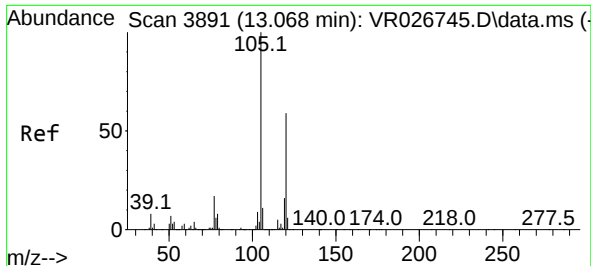
Tgt Ion: 91 Resp: 1018792
Ion Ratio Lower Upper
91 100
120 23.5 14.2 42.8



#78
2-Chlorotoluene
Concen: 9.940 ug/l
RT: 13.000 min Scan# 3870
Delta R.T. -0.003 min
Lab File: VR026742.D
Acq: 20 Aug 2025 15:22

Tgt Ion: 91 Resp: 534464
Ion Ratio Lower Upper
91 100
126 37.3 18.0 54.0

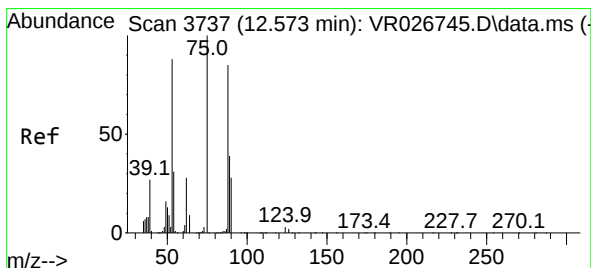
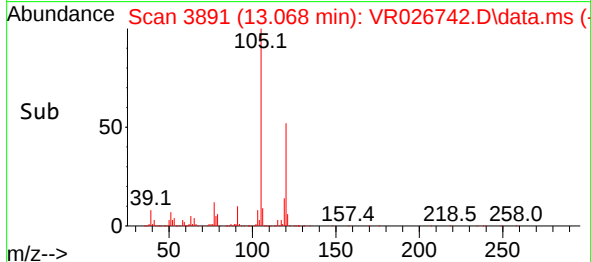
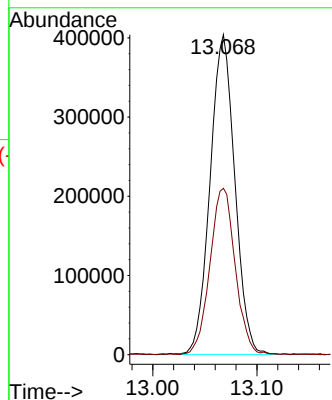
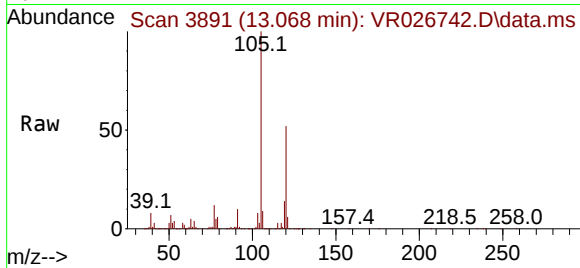




#79
 1,3,5-Trimethylbenzene
 Concen: 10.475 ug/l
 RT: 13.068 min Scan# 3891
 Delta R.T. 0.000 min
 Lab File: VR026742.D
 Acq: 20 Aug 2025 15:22

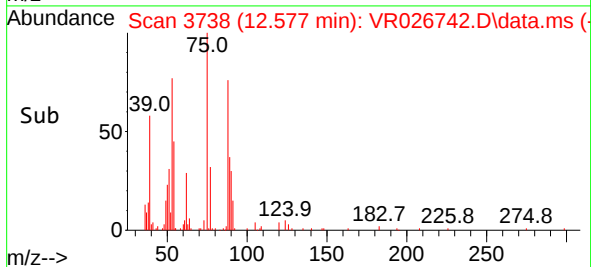
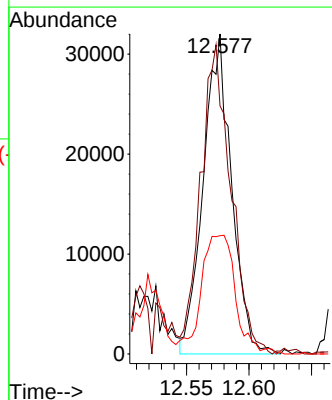
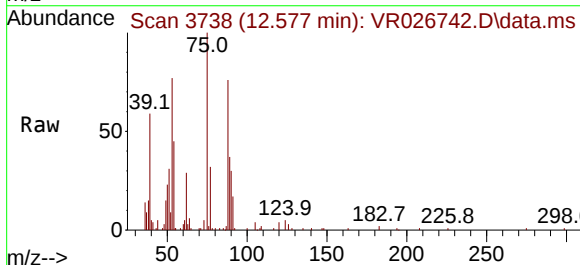
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDIC010

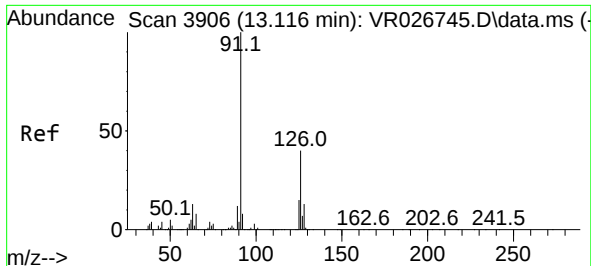
Tgt Ion:105 Resp: 664346
 Ion Ratio Lower Upper
 105 100
 120 53.1 27.8 83.4



#80
 trans-1,4-Dichloro-2-butene
 Concen: 10.965 ug/l
 RT: 12.577 min Scan# 3738
 Delta R.T. 0.004 min
 Lab File: VR026742.D
 Acq: 20 Aug 2025 15:22

Tgt Ion: 75 Resp: 50300
 Ion Ratio Lower Upper
 75 100
 53 103.0 70.9 106.3
 89 45.1 33.4 50.0

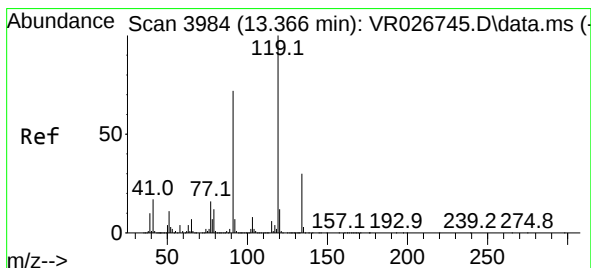
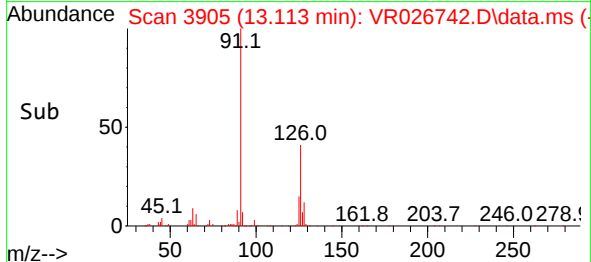
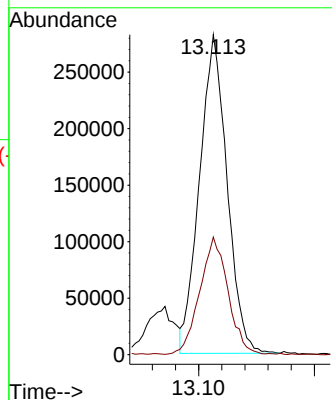
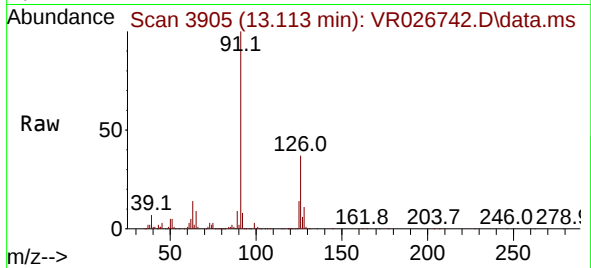




#81
4-Chlorotoluene
Concen: 9.458 ug/l
RT: 13.113 min Scan# 3905
Delta R.T. -0.003 min
Lab File: VR026742.D
Acq: 20 Aug 2025 15:22

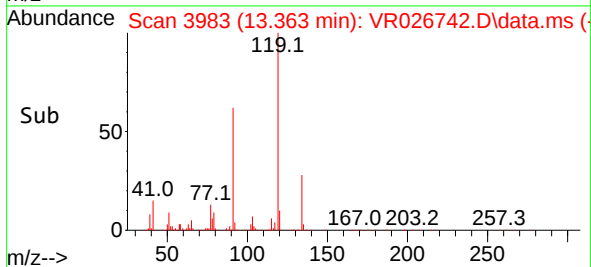
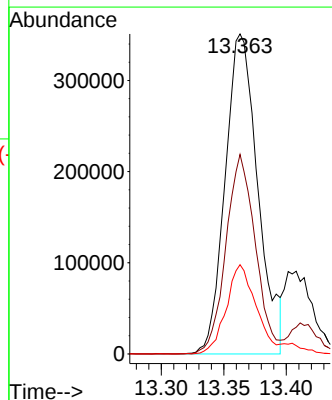
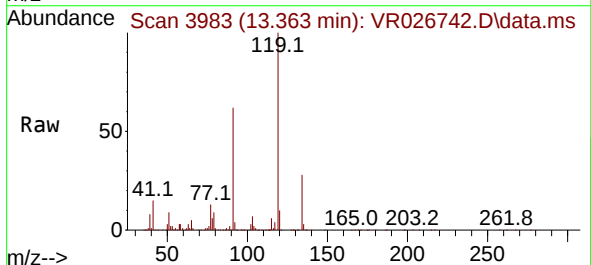
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC010

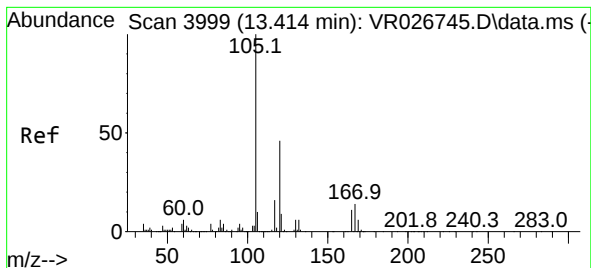
Tgt Ion: 91 Resp: 466010
Ion Ratio Lower Upper
91 100
126 37.5 18.2 54.6



#82
tert-Butylbenzene
Concen: 10.772 ug/l
RT: 13.363 min Scan# 3983
Delta R.T. -0.003 min
Lab File: VR026742.D
Acq: 20 Aug 2025 15:22

Tgt Ion: 119 Resp: 638725
Ion Ratio Lower Upper
119 100
91 56.1 33.5 100.5
134 25.5 14.9 44.9





#83

1,2,4-Trimethylbenzene

Concen: 10.060 ug/l

RT: 13.414 min Scan# 3999

Delta R.T. 0.000 min

Lab File: VR026742.D

Acq: 20 Aug 2025 15:22

Instrument :

MSVOA_R

ClientSampleId :

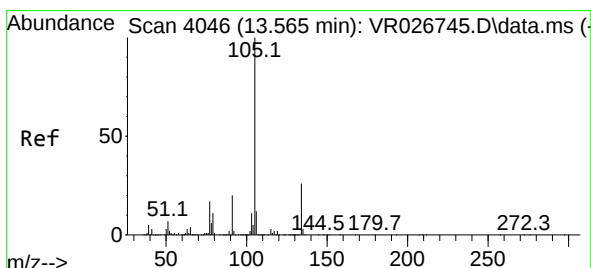
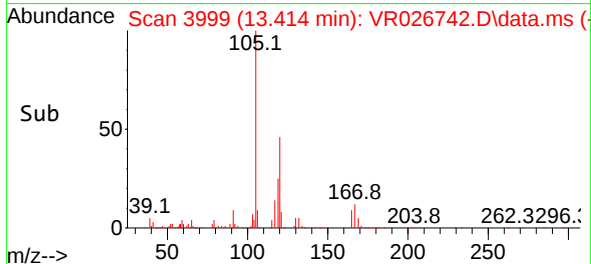
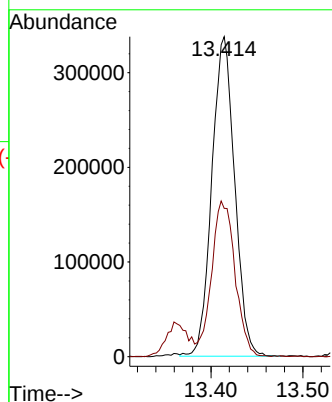
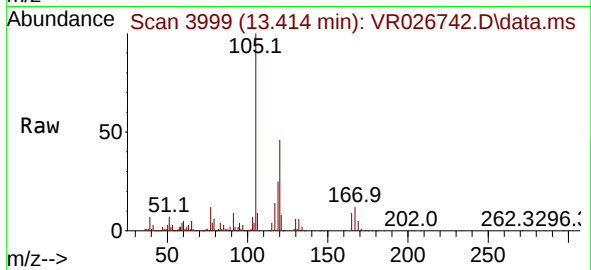
VSTDIC010

Tgt Ion:105 Resp: 581788

Ion Ratio Lower Upper

105 100

120 50.3 25.3 75.9



#84

sec-Butylbenzene

Concen: 10.920 ug/l

RT: 13.565 min Scan# 4046

Delta R.T. 0.000 min

Lab File: VR026742.D

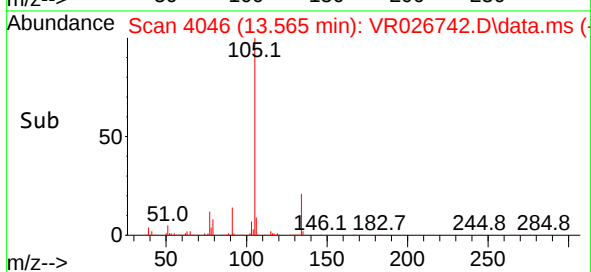
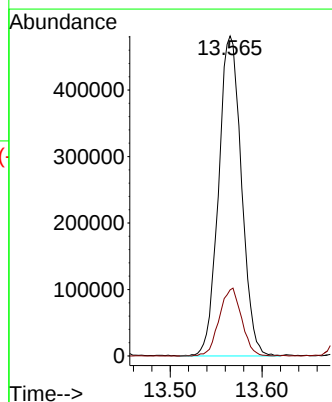
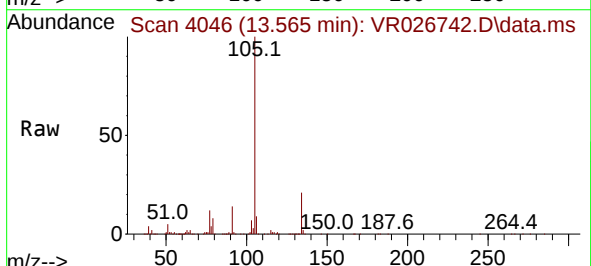
Acq: 20 Aug 2025 15:22

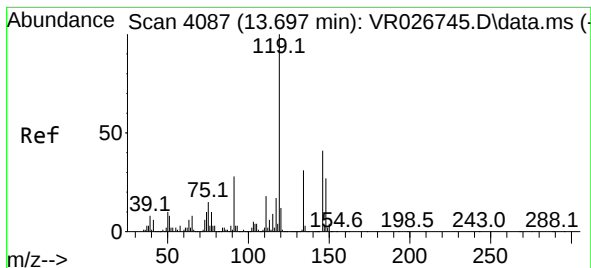
Tgt Ion:105 Resp: 832806

Ion Ratio Lower Upper

105 100

134 20.7 11.6 34.7





#85

p-Isopropyltoluene

Concen: 10.199 ug/l

RT: 13.693 min Scan# 4086

Delta R.T. -0.003 min

Lab File: VR026742.D

Acq: 20 Aug 2025 15:22

Instrument :

MSVOA_R

ClientSampleId :

VSTDICC010

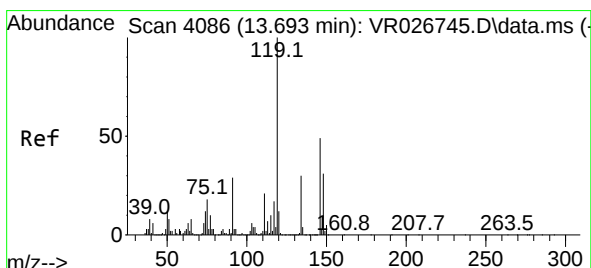
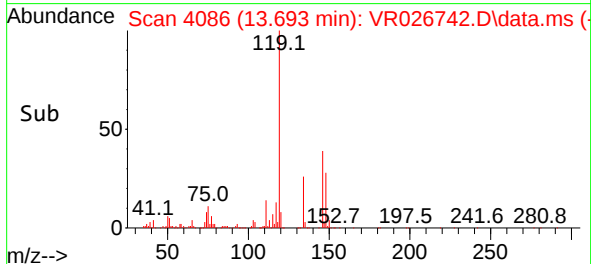
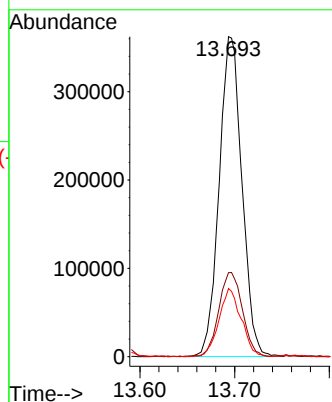
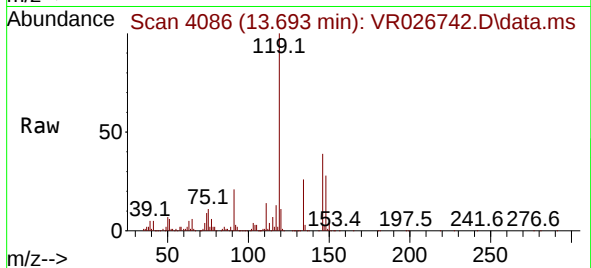
Tgt Ion:119 Resp: 604442

Ion Ratio Lower Upper

119 100

134 27.4 14.4 43.2

91 20.9 12.7 38.0



#86

1,3-Dichlorobenzene

Concen: 9.701 ug/l

RT: 13.690 min Scan# 4085

Delta R.T. -0.003 min

Lab File: VR026742.D

Acq: 20 Aug 2025 15:22

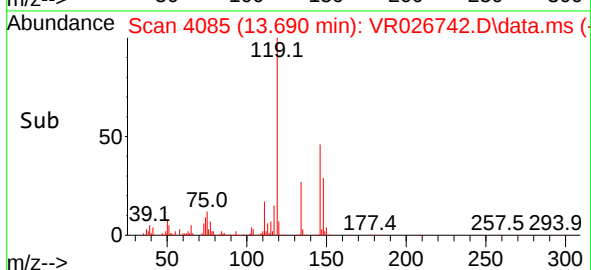
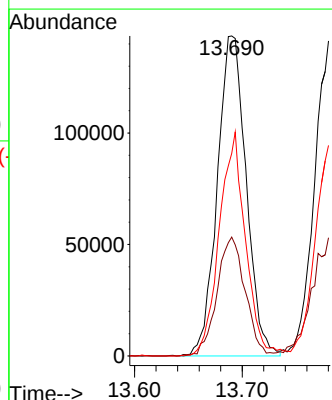
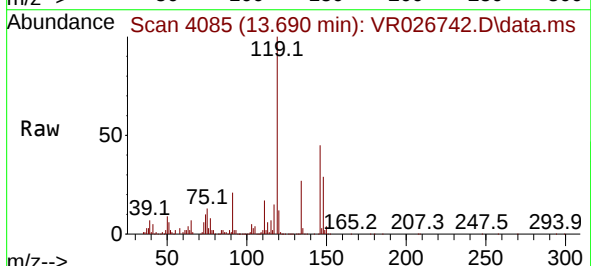
Tgt Ion:146 Resp: 267845

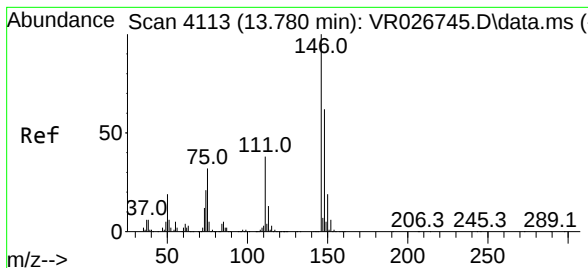
Ion Ratio Lower Upper

146 100

111 36.2 20.9 62.7

148 63.8 31.8 95.3





#87

1,4-Dichlorobenzene

Concen: 9.842 ug/l

RT: 13.780 min Scan# 4113

Delta R.T. 0.000 min

Lab File: VR026742.D

Acq: 20 Aug 2025 15:22

Instrument :

MSVOA_R

ClientSampleId :

VSTDIC010

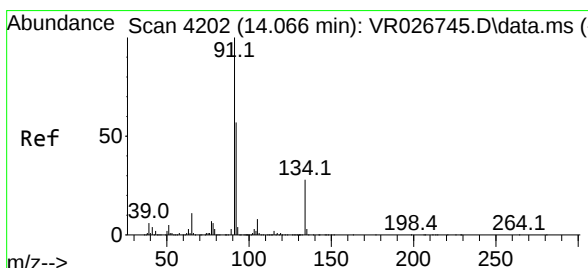
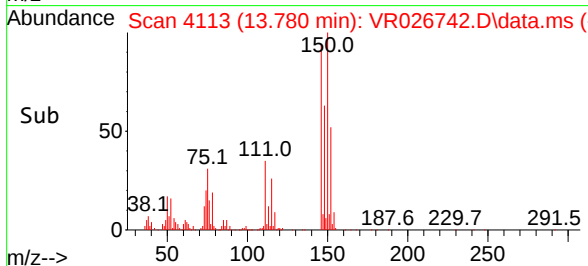
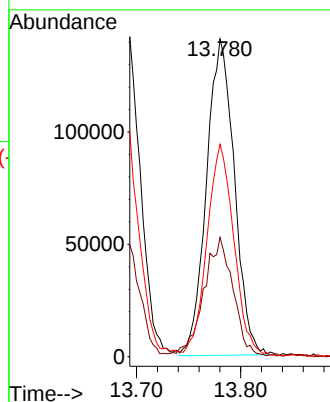
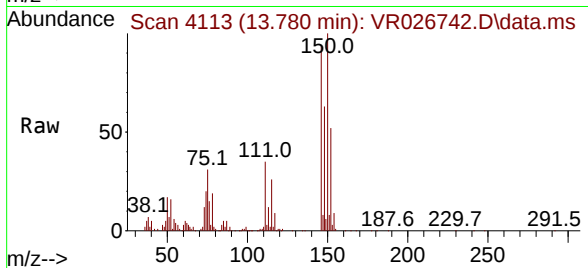
Tgt Ion:146 Resp: 261772

Ion Ratio Lower Upper

146 100

111 39.1 18.6 55.6

148 64.6 31.5 94.5



#88

n-Butylbenzene

Concen: 9.885 ug/l

RT: 14.063 min Scan# 4201

Delta R.T. -0.004 min

Lab File: VR026742.D

Acq: 20 Aug 2025 15:22

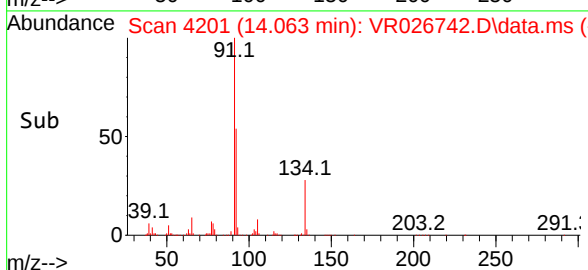
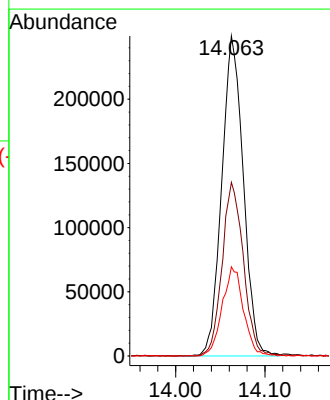
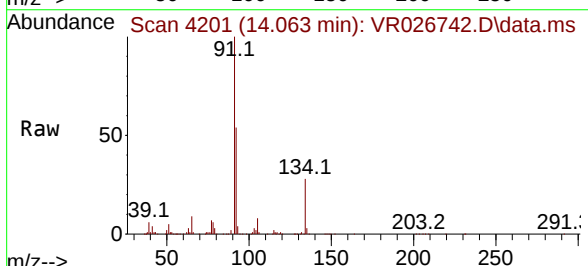
Tgt Ion: 91 Resp: 418585

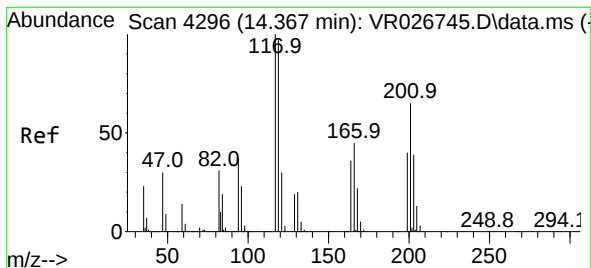
Ion Ratio Lower Upper

91 100

92 53.5 27.7 83.0

134 27.4 13.5 40.5





#89

Hexachloroethane

Concen: 9.788 ug/l

RT: 14.361 min Scan# 4296

Delta R.T. -0.006 min

Lab File: VR026742.D

Acq: 20 Aug 2025 15:22

Instrument :

MSVOA_R

ClientSampleId :

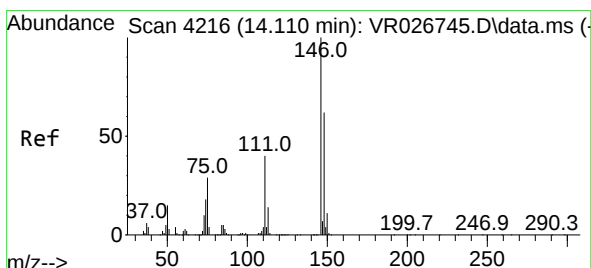
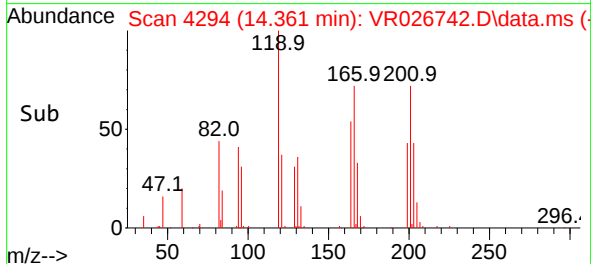
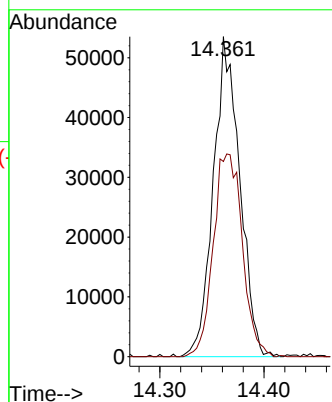
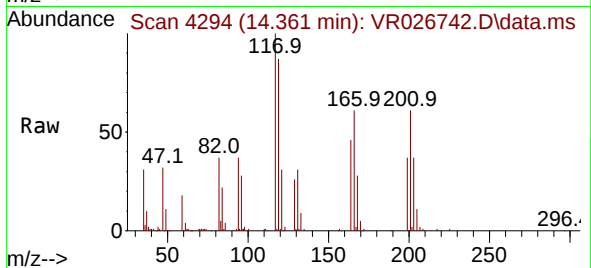
VSTDIC010

Tgt Ion:117 Resp: 94085

Ion Ratio Lower Upper

117 100

201 69.7 33.3 99.9



#90

1,2-Dichlorobenzene

Concen: 10.153 ug/l

RT: 14.111 min Scan# 4216

Delta R.T. 0.001 min

Lab File: VR026742.D

Acq: 20 Aug 2025 15:22

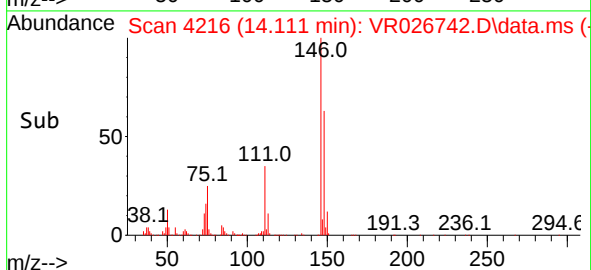
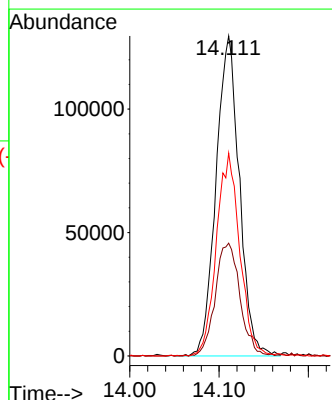
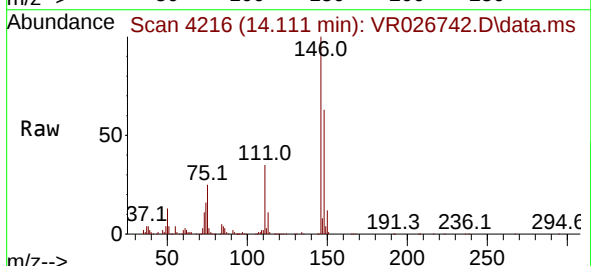
Tgt Ion:146 Resp: 235410

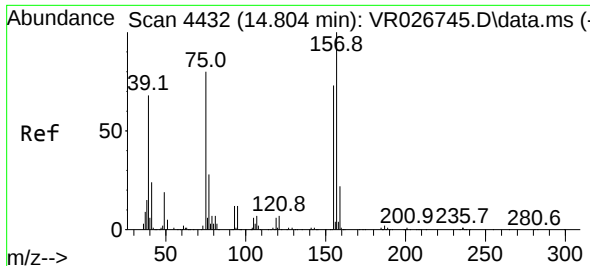
Ion Ratio Lower Upper

146 100

111 37.4 19.9 59.7

148 63.4 31.5 94.5

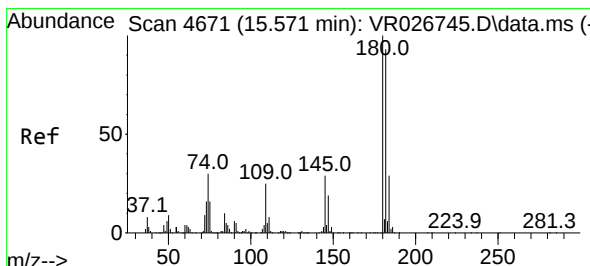
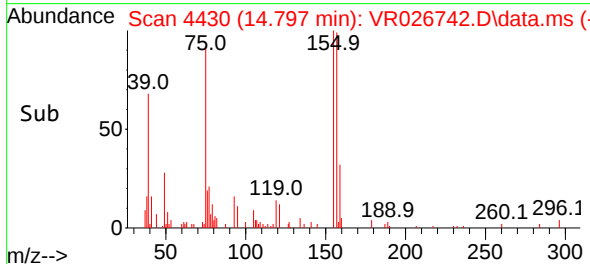
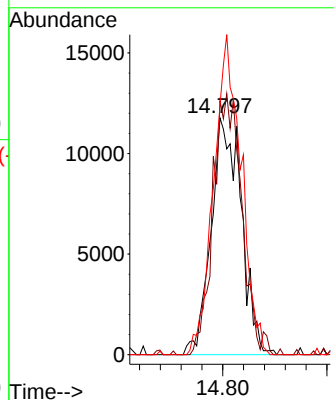
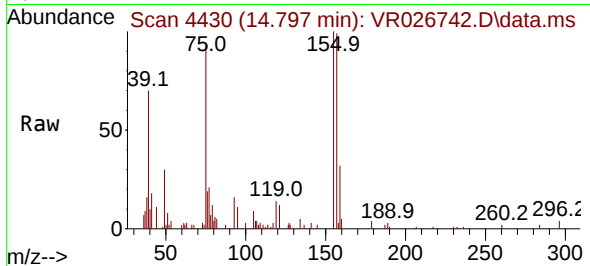




#91
 1,2-Dibromo-3-Chloropropane
 Concen: 11.319 ug/l
 RT: 14.797 min Scan# 4430
 Delta R.T. -0.007 min
 Lab File: VR026742.D
 Acq: 20 Aug 2025 15:22

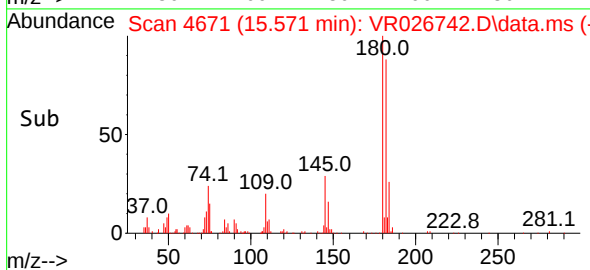
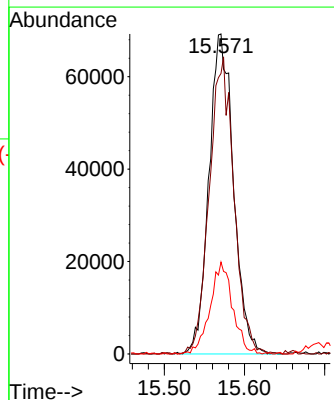
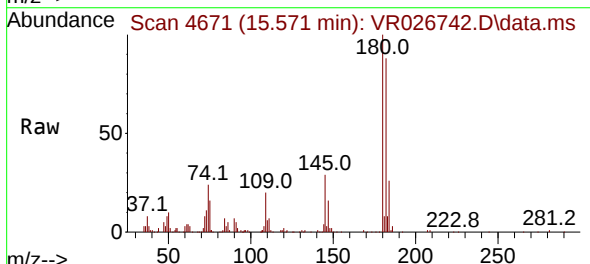
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDIC010

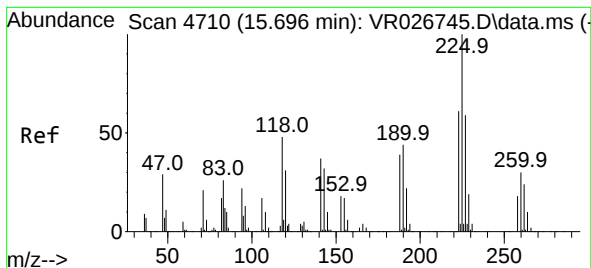
Tgt Ion: 75 Resp: 23656
 Ion Ratio Lower Upper
 75 100
 155 103.8 48.4 145.3
 157 122.8 62.3 186.8



#92
 1,2,4-Trichlorobenzene
 Concen: 9.665 ug/l
 RT: 15.571 min Scan# 4671
 Delta R.T. 0.000 min
 Lab File: VR026742.D
 Acq: 20 Aug 2025 15:22

Tgt Ion:180 Resp: 147227
 Ion Ratio Lower Upper
 180 100
 182 92.8 47.1 141.4
 145 26.3 14.4 43.4





#93

Hexachlorobutadiene

Concen: 10.019 ug/l

RT: 15.699 min Scan# 4710

Delta R.T. 0.003 min

Lab File: VR026742.D

Acq: 20 Aug 2025 15:22

Instrument :

MSVOA_R

ClientSampleId :

VSTDIC010

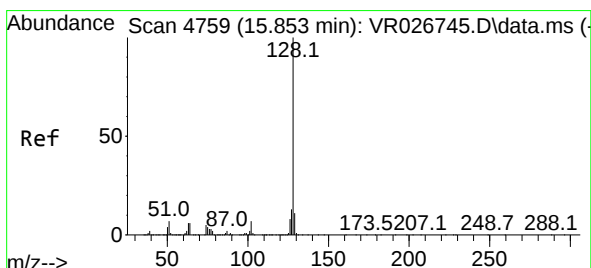
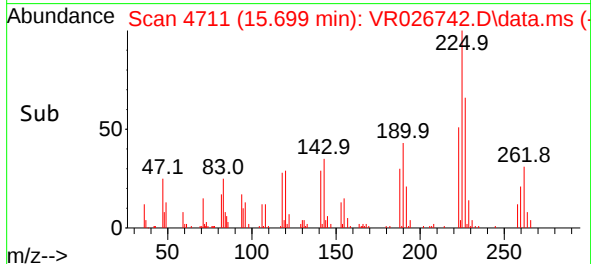
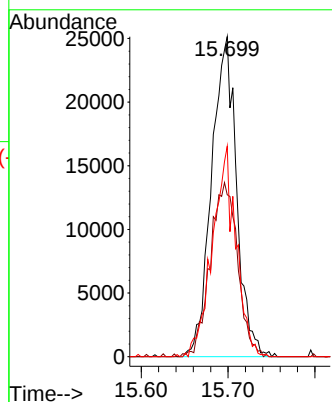
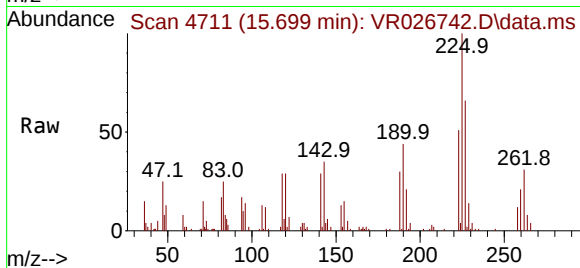
Tgt Ion:225 Resp: 50307

Ion Ratio Lower Upper

225 100

223 59.7 31.5 94.5

227 62.2 31.3 93.8



#94

Naphthalene

Concen: 9.147 ug/l

RT: 15.853 min Scan# 4759

Delta R.T. 0.000 min

Lab File: VR026742.D

Acq: 20 Aug 2025 15:22

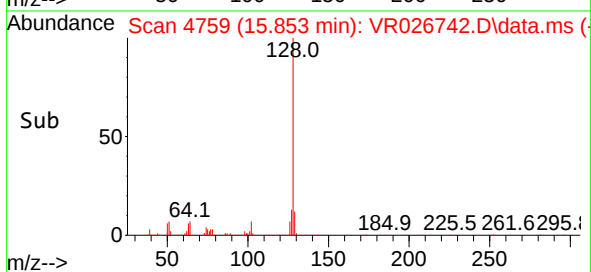
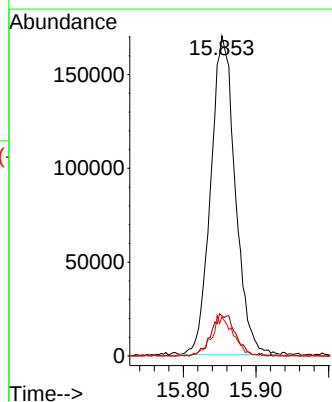
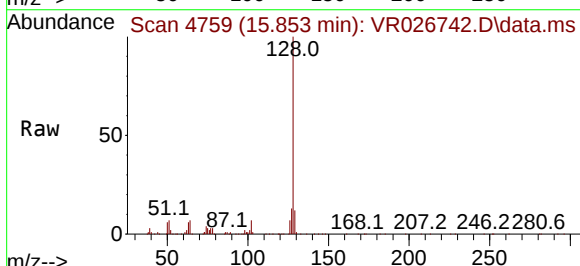
Tgt Ion:128 Resp: 398426

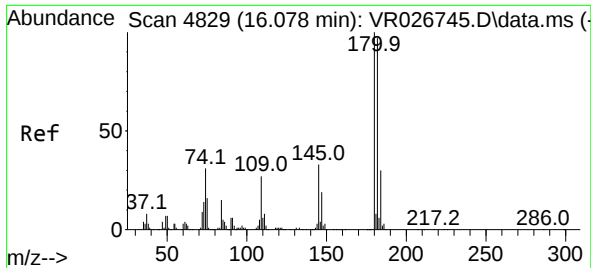
Ion Ratio Lower Upper

128 100

127 12.9 10.0 15.0

129 11.2 8.7 13.1





#95
 1,2,3-Trichlorobenzene
 Concen: 9.647 ug/l
 RT: 16.078 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VR026742.D
 Acq: 20 Aug 2025 15:22

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDIC010

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.8	47.5	142.6
145	30.3	15.6	46.8

