

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR081125\
 Data File : VR026734.D
 Acq On : 11 Aug 2025 11:47
 Operator : SY/MD
 Sample : VR0811WBS01
 Misc : 5mL/MSVOA_R/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Aug 12 02:47:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_R\methods\82R080425W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 05 02:27:49 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.295	168	363375	50.000	ug/l	0.00
33) 1,4-Difluorobenzene	8.328	114	621942	50.000	ug/l	0.00
62) Chlorobenzene-d5	11.537	117	515742	50.000	ug/l	0.00
71) 1,4-Dichlorobenzene-d4	13.742	152	255172	50.000	ug/l	0.00
System Monitoring Compounds						
32) 1,2-Dichloroethane-d4	7.680	65	214703	46.683	ug/l	-0.02
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.360%
34) Dibromofluoromethane	7.195	113	188204	48.925	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.860%
49) Toluene-d8	10.032	98	753501	54.675	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	109.340%
61) 4-Bromofluorobenzene	12.673	95	213423	54.447	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	108.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.660	85	38591	14.572	ug/l	96
3) Chloromethane	1.843	50	67362	17.111	ug/l	96
4) Vinyl Chloride	1.958	62	80612	20.039	ug/l	100
5) Bromomethane	2.305	94	43784	22.336	ug/l	95
6) Chloroethane	2.424	64	54645	21.097	ug/l #	86
7) Trichlorofluoromethane	2.712	101	188974	26.062	ug/l	92
8) Diethyl Ether	3.072	74	50774	15.782	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.377	101	62739	16.039	ug/l #	75
10) Methyl Iodide	3.544	142	62851	16.649	ug/l	98
11) Tert butyl alcohol	4.317	59	51987	72.247	ug/l	99
12) 1,1-Dichloroethene	3.354	96	62172	16.084	ug/l	92
13) Acrolein	3.242	56	71821	68.280	ug/l	89
14) Allyl chloride	3.881	41	105221	13.837	ug/l	93
15) Acrylonitrile	4.474	53	246031	86.134	ug/l	95
16) Acetone	3.438	43	226472	104.918	ug/l #	86
17) Carbon Disulfide	3.637	76	76294	13.334	ug/l #	94
18) Methyl Acetate	3.893	43	182691	20.278	ug/l	99
19) Methyl tert-butyl Ether	4.558	73	234156	15.137	ug/l	99
20) Methylene Chloride	4.076	84	38375	7.491	ug/l	94
21) trans-1,2-Dichloroethene	4.532	96	63709	14.993	ug/l	89
22) Diisopropyl ether	5.463	45	290126	16.281	ug/l #	91
23) Vinyl Acetate	5.386	43	869081	85.534	ug/l	95
24) 1,1-Dichloroethane	5.325	63	145155	16.085	ug/l	97
25) 2-Butanone	6.367	43	329860	98.731	ug/l	96
26) 2,2-Dichloropropane	6.348	77	88012	14.108	ug/l	77
27) cis-1,2-Dichloroethene	6.348	96	90365	16.530	ug/l	97
28) Bromochloromethane	6.743	49	53971	16.597	ug/l #	19
29) Chloroform	6.948	83	138191	17.678	ug/l	98
30) Cyclohexane	7.276	56	113101	15.519	ug/l	95
31) 1,1,1-Trichloroethane	7.173	97	96572	17.102	ug/l	97
35) 1,1-Dichloropropene	7.426	75	88410	18.218	ug/l	95
36) Ethyl Acetate	6.473	43	104380	17.966	ug/l #	82
37) Carbon Tetrachloride	7.410	117	37657	9.528	ug/l	90
38) Methylcyclohexane	8.886	83	94443	17.002	ug/l	94
39) Benzene	7.699	78	326153	18.663	ug/l	99
40) Methacrylonitrile	6.717	41	68329	18.925	ug/l #	60

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) 1,2-Dichloroethane	7.792	62	89461	20.126	ug/l	98
42) Isopropyl Acetate	7.866	43	158912	17.011	ug/l #	92
43) Trichloroethene	8.598	130	37370	11.119	ug/l	86
44) 1,2-Dichloropropane	8.919	63	79184	19.147	ug/l #	88
45) Dibromomethane	9.015	93	43753	19.023	ug/l	93
46) Bromodichloromethane	9.246	83	91337	20.496	ug/l	94
47) Methyl methacrylate	9.037	41	79013	19.325	ug/l	97
48) 1,4-Dioxane	9.024	88	27786	421.897	ug/l #	78
50) 4-Methyl-2-Pentanone	9.916	43	554464	113.688	ug/l	93
51) Toluene	10.106	92	186666	20.924	ug/l	97
52) t-1,3-Dichloropropene	10.366	75	77487	17.740	ug/l	96
53) cis-1,3-Dichloropropene	9.743	75	98028	18.711	ug/l	96
54) 1,1,2-Trichloroethane	10.568	97	70838	21.742	ug/l	91
55) Ethyl methacrylate	10.433	69	107146	19.914	ug/l	97
56) 1,3-Dichloropropane	10.735	76	117198	21.119	ug/l	97
57) 2-Chloroethyl Vinyl ether	9.589	63	33600	113.004	ug/l	99
58) 2-Hexanone	10.793	43	373322	113.547	ug/l	99
59) Dibromochloromethane	10.953	129	55519	20.135	ug/l	94
60) 1,2-Dibromoethane	11.072	107	63463	22.632	ug/l	95
63) Tetrachloroethene	10.655	164	52146	18.508	ug/l #	87
64) Chlorobenzene	11.566	112	203805	18.988	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.653	131	56262	19.191	ug/l	99
66) Ethyl Benzene	11.659	91	330857	18.461	ug/l	97
67) m/p-Xylenes	11.787	106	258226	36.064	ug/l	98
68) o-Xylene	12.153	106	123837	17.817	ug/l	95
69) Styrene	12.176	104	221315	19.054	ug/l	98
70) Bromoform	12.352	173	33630	20.269	ug/l #	98
72) Isopropylbenzene	12.503	105	319142	17.547	ug/l	100
73) N-amyl acetate	12.301	43	113883	15.792	ug/l	96
74) 1,1,2,2-Tetrachloroethane	12.792	83	98479	18.455	ug/l	98
75) 1,2,3-Trichloropropane	12.840	75	103262	24.413	ug/l #	100
76) Bromobenzene	12.814	156	76075	18.075	ug/l	95
77) n-propylbenzene	12.891	91	392004	18.066	ug/l	99
78) 2-Chlorotoluene	12.984	91	215048	17.468	ug/l	96
79) 1,3,5-Trimethylbenzene	13.048	105	252844	17.778	ug/l	100
80) trans-1,4-Dichloro-2-b...	12.557	75	19123	13.168	ug/l #	71
81) 4-Chlorotoluene	13.093	91	218004	17.334	ug/l	93
82) tert-Butylbenzene	13.353	119	230392	17.810	ug/l	97
83) 1,2,4-Trimethylbenzene	13.401	105	258284	18.346	ug/l	99
84) sec-Butylbenzene	13.549	105	350605	18.275	ug/l	98
85) p-Isopropyltoluene	13.684	119	287598	18.386	ug/l	98
86) 1,3-Dichlorobenzene	13.671	146	158770	19.241	ug/l	97
87) 1,4-Dichlorobenzene	13.764	146	155870	18.820	ug/l	99
88) n-Butylbenzene	14.053	91	264640	18.356	ug/l	98
89) Hexachloroethane	14.354	117	36427	16.217	ug/l	95
90) 1,2-Dichlorobenzene	14.098	146	150756	19.452	ug/l	98
91) 1,2-Dibromo-3-Chloropr...	14.791	75	12407	17.460	ug/l	95
92) 1,2,4-Trichlorobenzene	15.551	180	87125	18.800	ug/l #	92
93) Hexachlorobutadiene	15.680	225	27917	18.541	ug/l #	42
94) Naphthalene	15.840	128	244451	17.213	ug/l	99
95) 1,2,3-Trichlorobenzene	16.071	180	85312	19.391	ug/l	98

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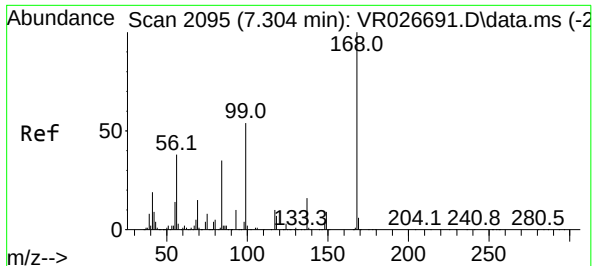
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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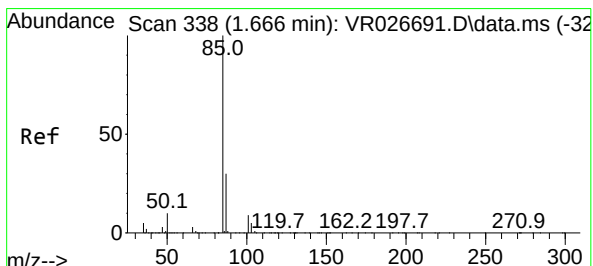
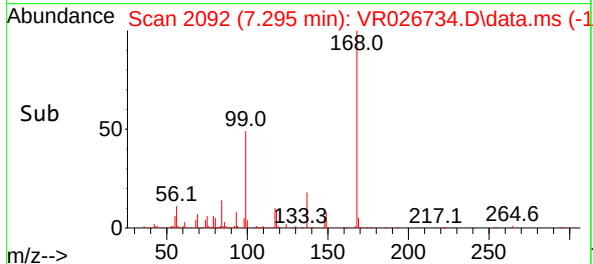
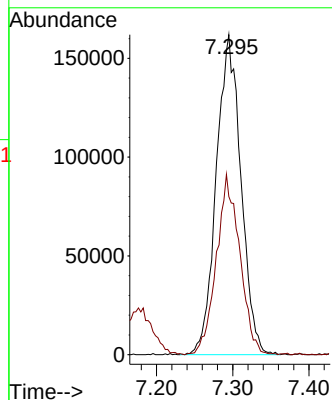
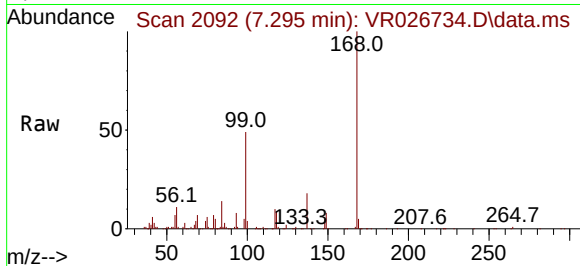




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.295 min Scan# 2095
Delta R.T. -0.009 min
Lab File: VR026734.D
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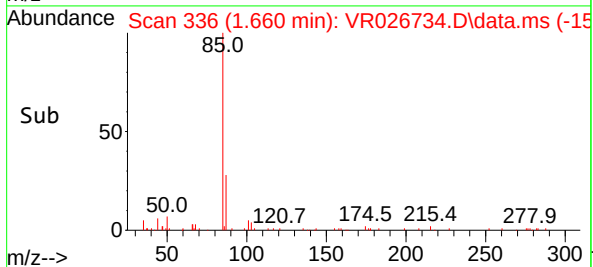
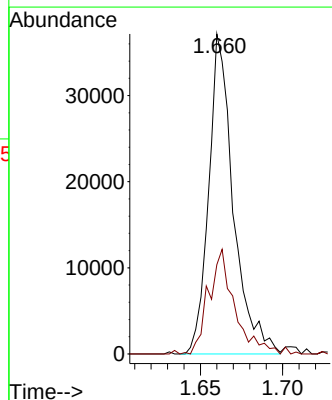
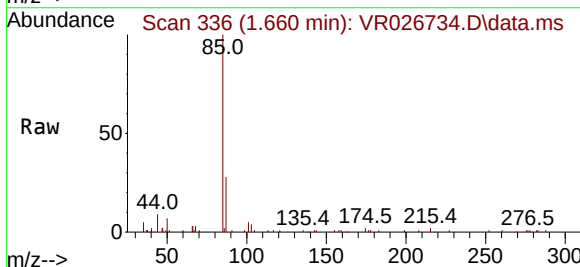
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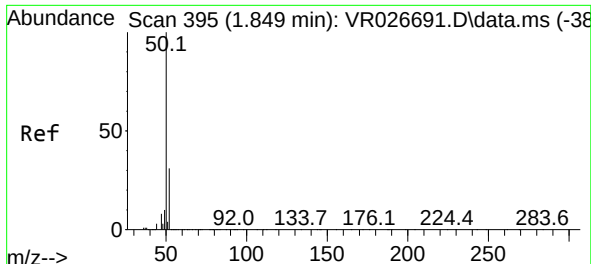
Tgt Ion:168 Resp: 363375
Ion Ratio Lower Upper
168 100
99 49.2 43.8 65.8



#2
Dichlorodifluoromethane
Concen: 14.572 ug/l
RT: 1.660 min Scan# 336
Delta R.T. -0.006 min
Lab File: VR026734.D
Acq: 11 Aug 2025 11:47

Tgt Ion: 85 Resp: 38591
Ion Ratio Lower Upper
85 100
87 27.9 15.2 45.5

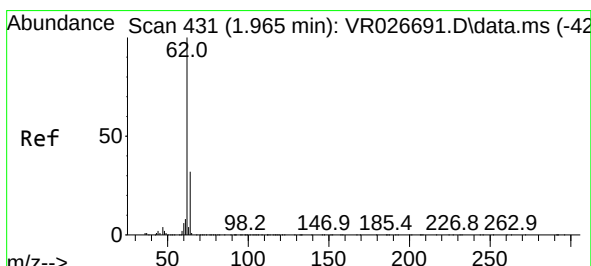
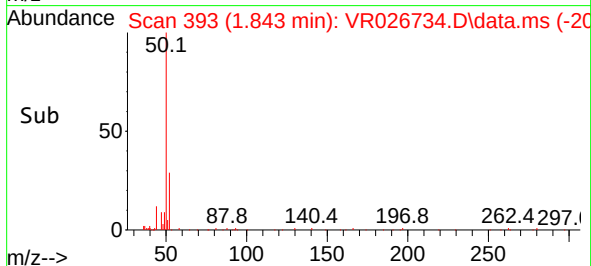
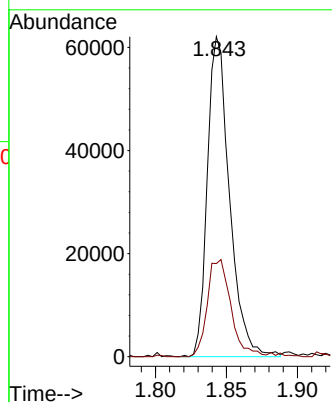
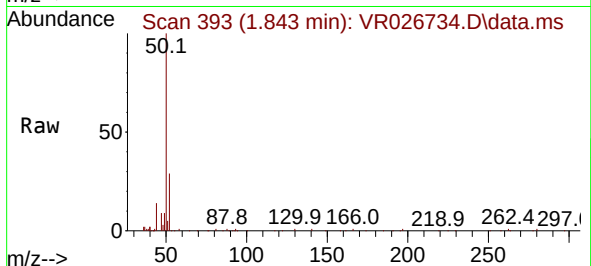




#3
Chloromethane
Concen: 17.111 ug/l
RT: 1.843 min Scan# 395
Delta R.T. -0.006 min
Lab File: VR026734.D
Acq: 11 Aug 2025 11:47

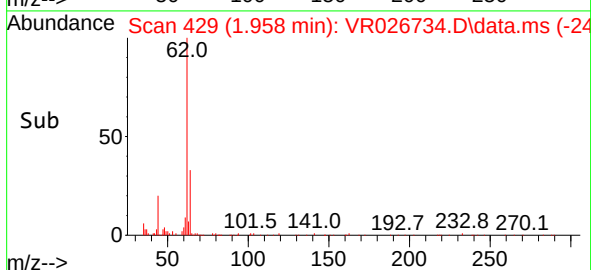
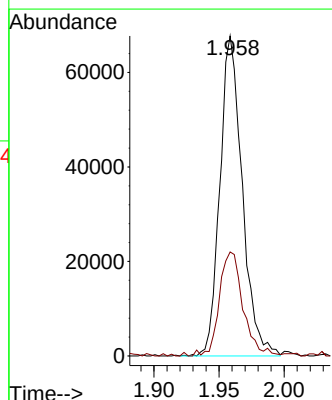
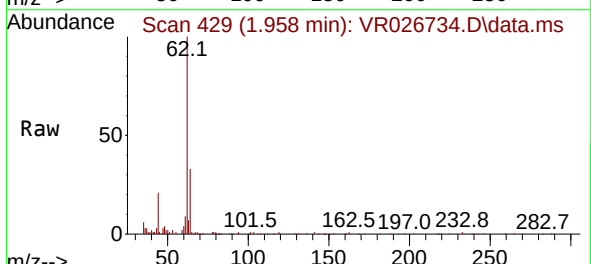
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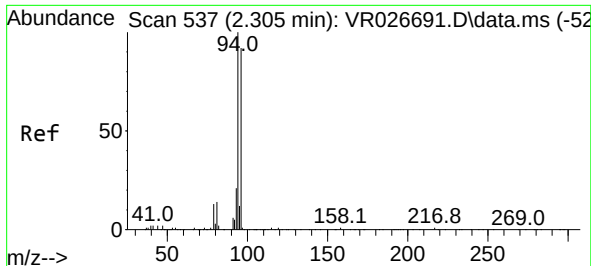
Tgt Ion: 50 Resp: 67362
Ion Ratio Lower Upper
50 100
52 28.8 25.0 37.4



#4
Vinyl Chloride
Concen: 20.039 ug/l
RT: 1.958 min Scan# 429
Delta R.T. -0.006 min
Lab File: VR026734.D
Acq: 11 Aug 2025 11:47

Tgt Ion: 62 Resp: 80612
Ion Ratio Lower Upper
62 100
64 32.5 25.9 38.9

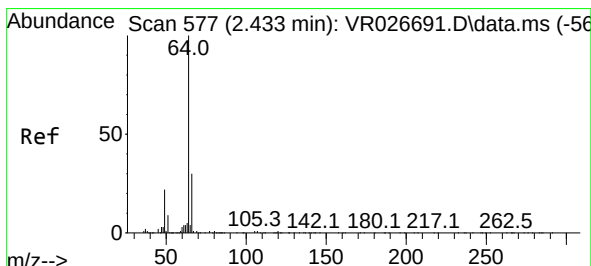
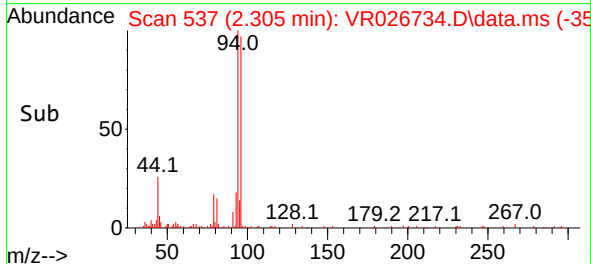
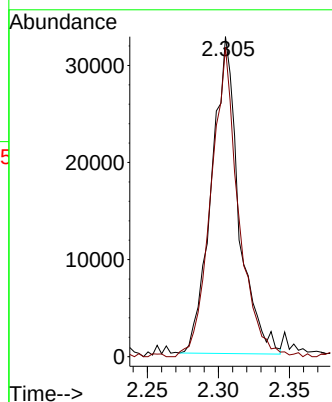
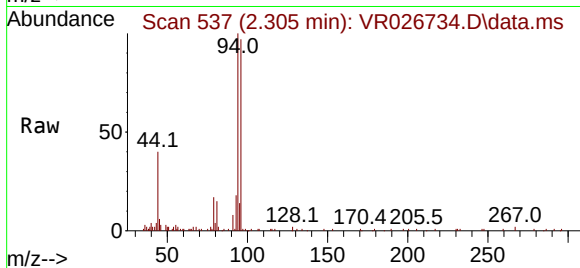




#5
Bromomethane
Concen: 22.336 ug/l
RT: 2.305 min Scan# 51
Delta R.T. -0.000 min
Lab File: VR026734.D
Acq: 11 Aug 2025 11:47

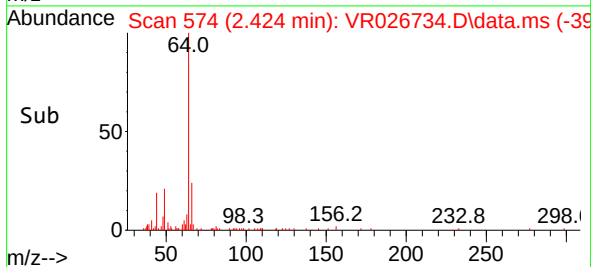
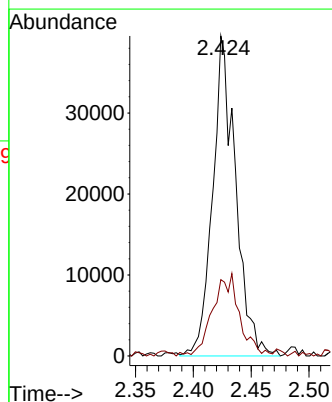
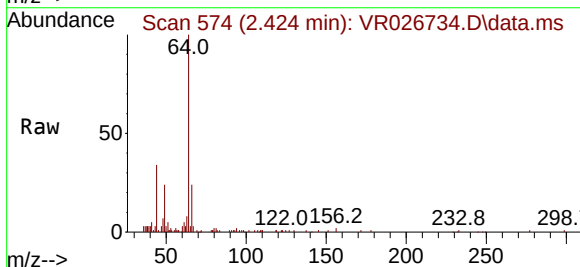
Instrument :
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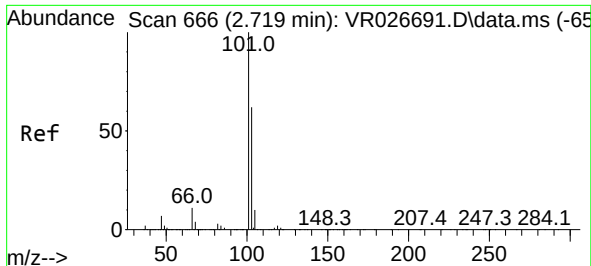
Tgt Ion: 94 Resp: 43784
Ion Ratio Lower Upper
94 100
96 96.4 73.3 109.9



#6
Chloroethane
Concen: 21.097 ug/l
RT: 2.424 min Scan# 574
Delta R.T. -0.010 min
Lab File: VR026734.D
Acq: 11 Aug 2025 11:47

Tgt Ion: 64 Resp: 54645
Ion Ratio Lower Upper
64 100
66 22.8 24.3 36.5#

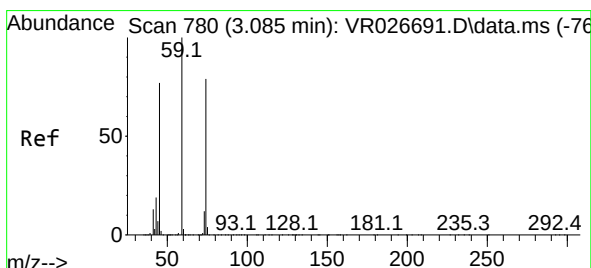
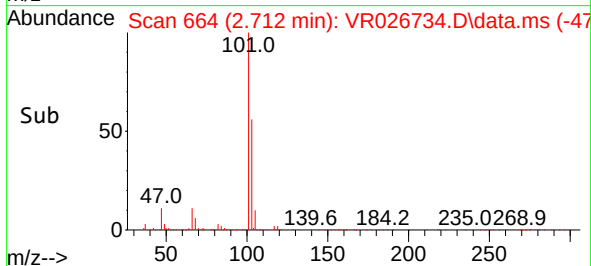
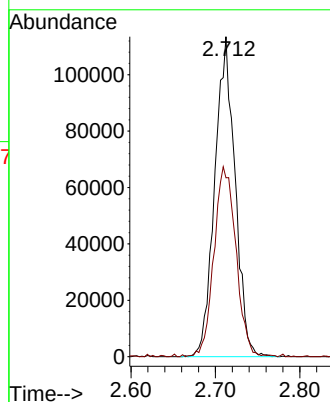
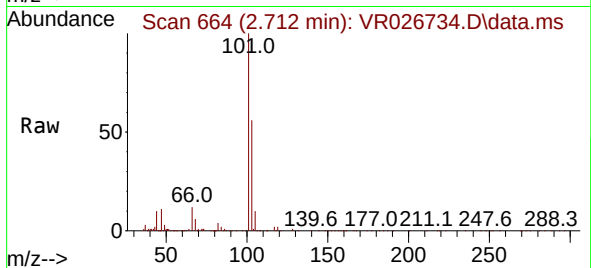




#7
 Trichlorofluoromethane
 Concen: 26.062 ug/l
 RT: 2.712 min Scan# 60
 Delta R.T. -0.006 min
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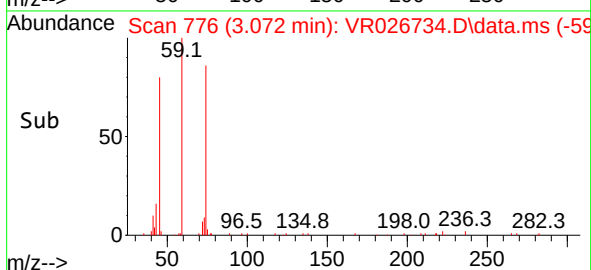
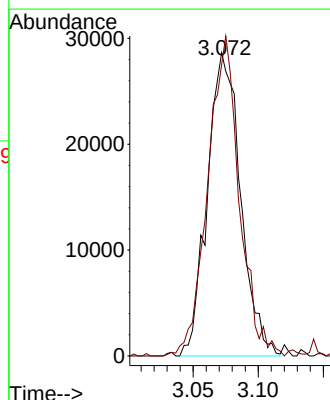
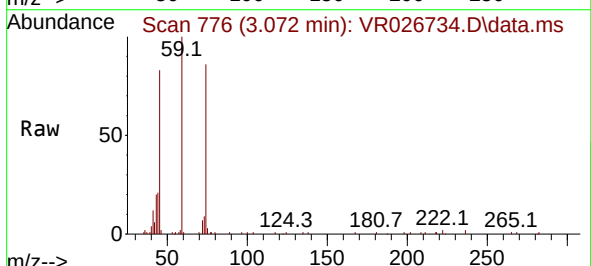
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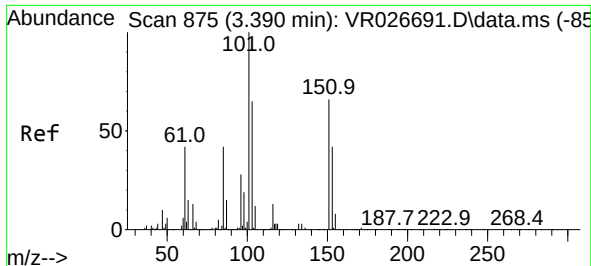
Tgt Ion:101 Resp: 188974
 Ion Ratio Lower Upper
 101 100
 103 55.9 49.4 74.2



#8
 Diethyl Ether
 Concen: 15.782 ug/l
 RT: 3.072 min Scan# 776
 Delta R.T. -0.013 min
 Lab File: VR026734.D
 Acq: 11 Aug 2025 11:47

Tgt Ion: 74 Resp: 50774
 Ion Ratio Lower Upper
 74 100
 45 100.3 47.1 141.3

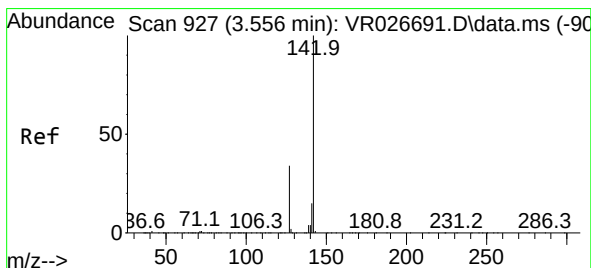
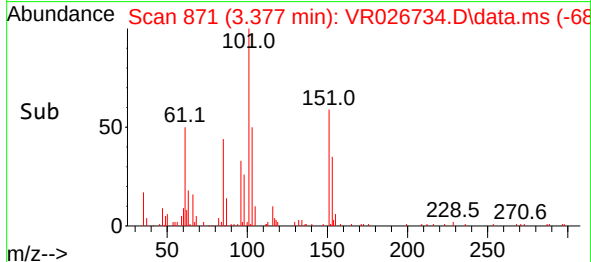
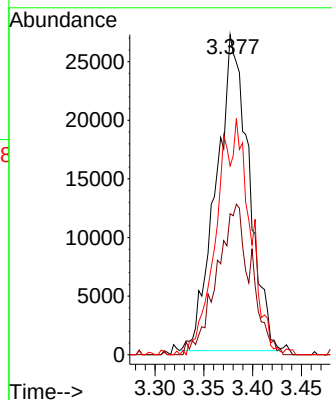
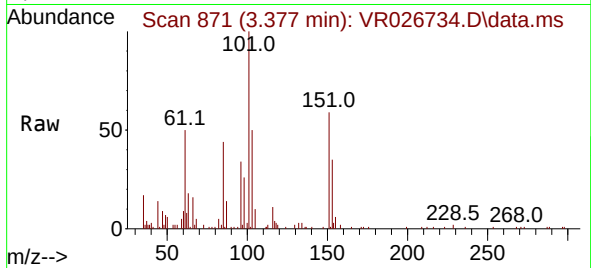




#9
1,1,2-Trichlorotrifluoroethane
Concen: 16.039 ug/l
RT: 3.377 min Scan# 81
Delta R.T. -0.013 min
Lab File: VR026734.D
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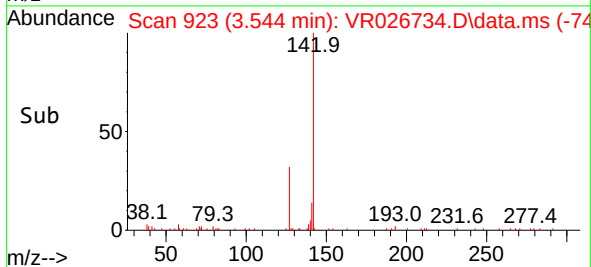
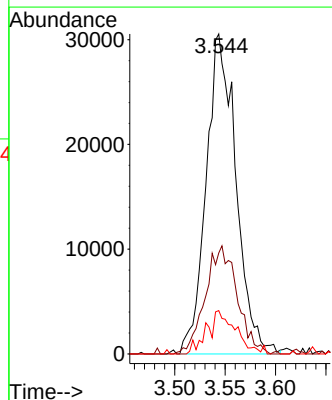
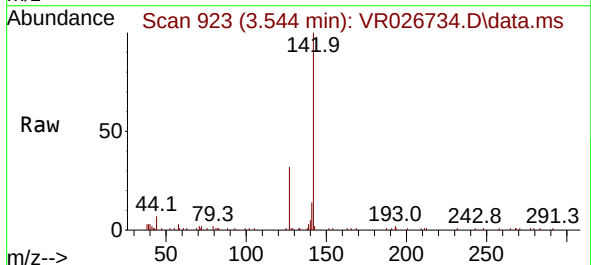
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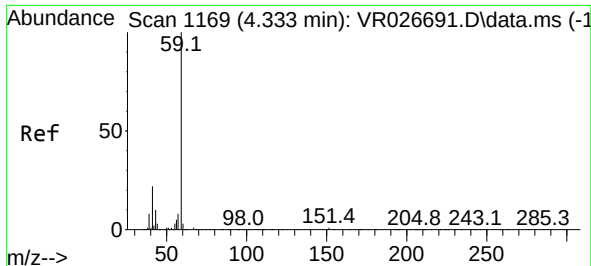
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Ion Ratio Lower Upper
101 100
85 40.5 34.5 51.7
151 35.5 53.4 80.0#



#10
Methyl Iodide
Concen: 16.649 ug/l
RT: 3.544 min Scan# 923
Delta R.T. -0.013 min
Lab File: VR026734.D
Acq: 11 Aug 2025 11:47

Tgt Ion:142 Resp: 62851
Ion Ratio Lower Upper
142 100
127 36.0 30.1 45.1
141 12.9 10.8 16.2

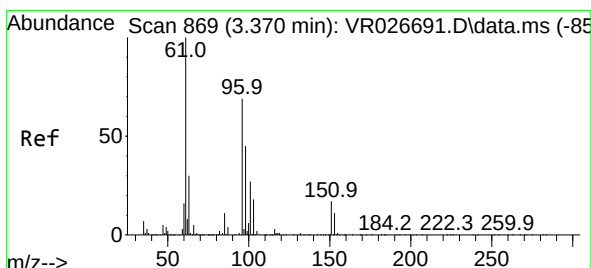
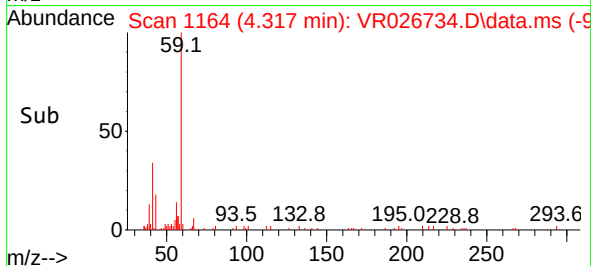
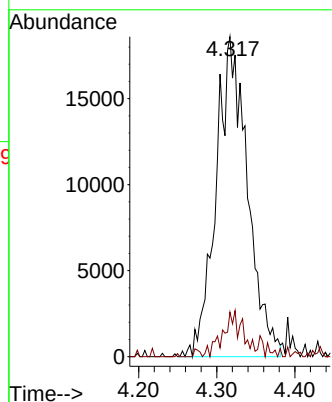
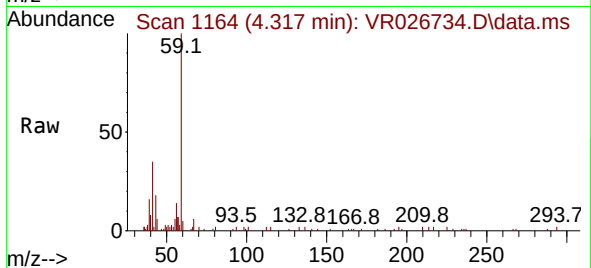




#11
Tert butyl alcohol
Concen: 72.247 ug/l
RT: 4.317 min Scan# 1164
Delta R.T. -0.016 min
Lab File: VR026734.D
Acq: 11 Aug 2025 11:47

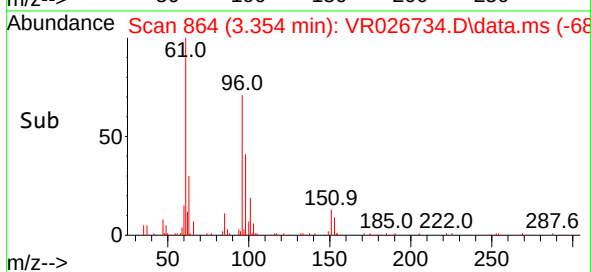
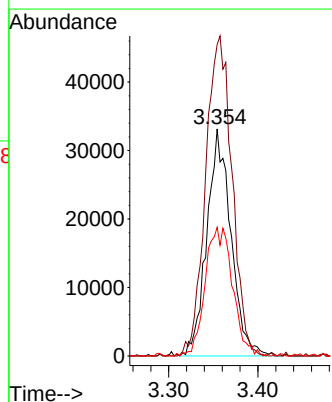
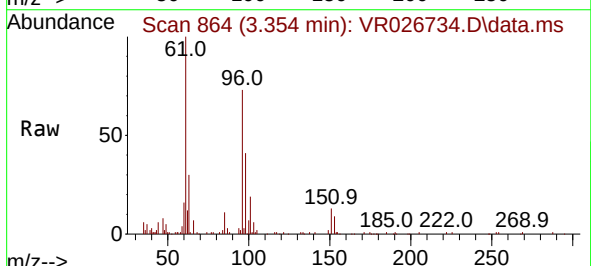
Instrument :
MSVOA_R
ClientSampleId :

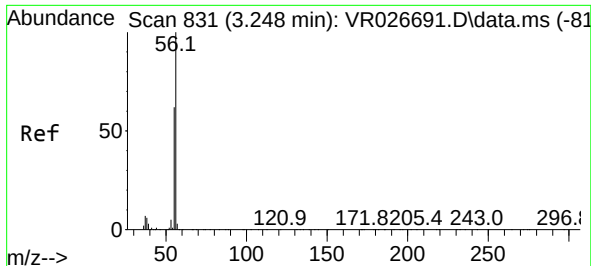
Tgt Ion: 59 Resp: 51987
Ion Ratio Lower Upper
59 100
57 9.1 7.7 11.5



#12
1,1-Dichloroethene
Concen: 16.084 ug/l
RT: 3.354 min Scan# 864
Delta R.T. -0.016 min
Lab File: VR026734.D
Acq: 11 Aug 2025 11:47

Tgt Ion: 96 Resp: 62172
Ion Ratio Lower Upper
96 100
61 136.6 116.2 174.4
98 56.7 52.3 78.5

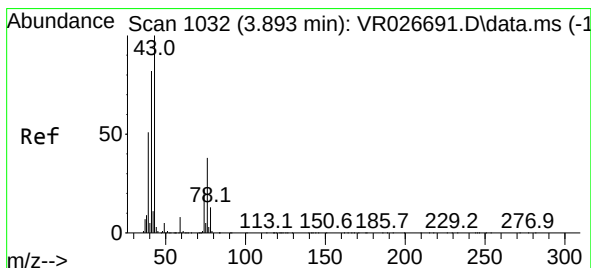
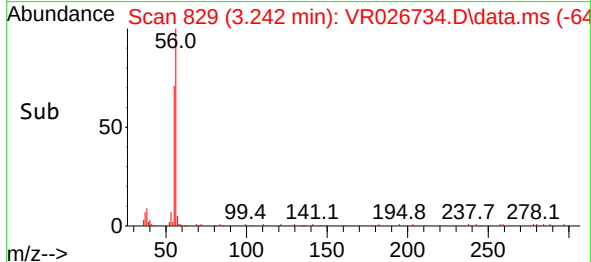
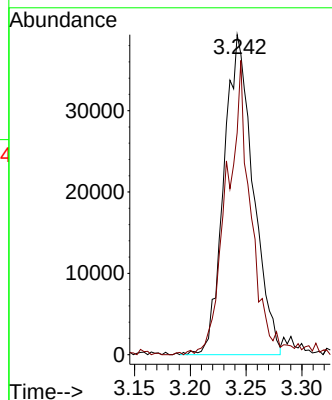
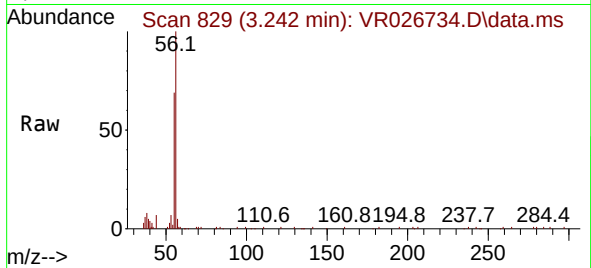




#13
Acrolein
Concen: 68.280 ug/l
RT: 3.242 min Scan# 81
Delta R.T. -0.006 min
Lab File: VR026734.D
Acq: 11 Aug 2025 11:47

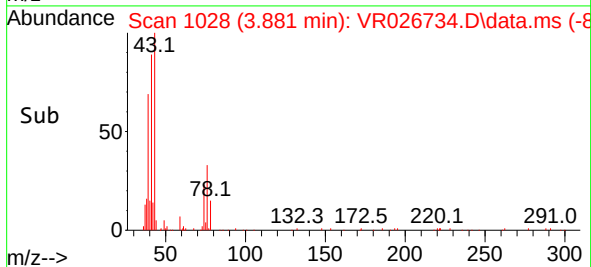
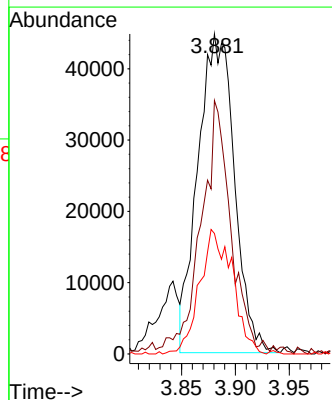
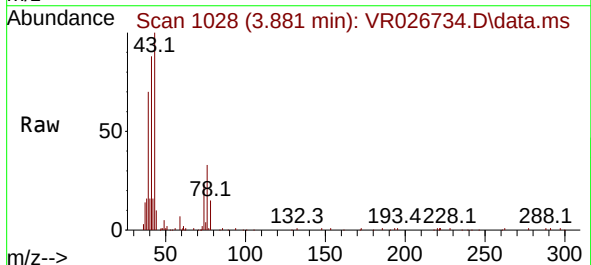
Instrument :
MSVOA_R
ClientSampleId :

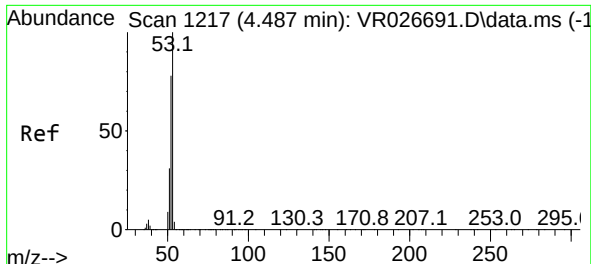
Tgt Ion: 56 Resp: 71821
Ion Ratio Lower Upper
56 100
55 76.2 53.8 80.8



#14
Allyl chloride
Concen: 13.837 ug/l
RT: 3.881 min Scan# 1028
Delta R.T. -0.013 min
Lab File: VR026734.D
Acq: 11 Aug 2025 11:47

Tgt Ion: 41 Resp: 105221
Ion Ratio Lower Upper
41 100
39 61.1 44.2 66.2
76 35.2 31.0 46.4

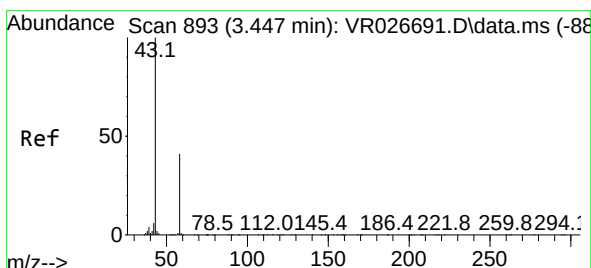
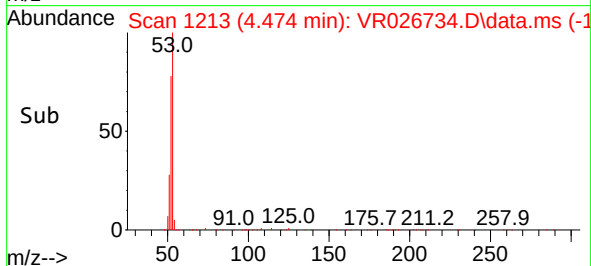
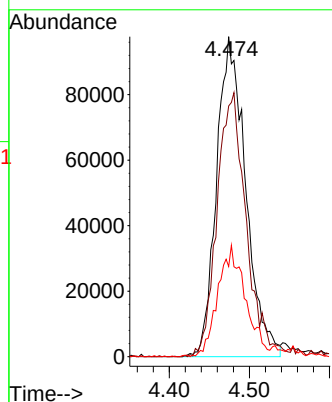
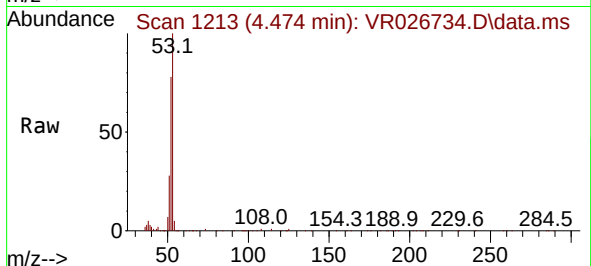




#15
Acrylonitrile
Concen: 86.134 ug/l
RT: 4.474 min Scan# 11
Delta R.T. -0.013 min
Lab File: VR026734.D
Acq: 11 Aug 2025 11:47

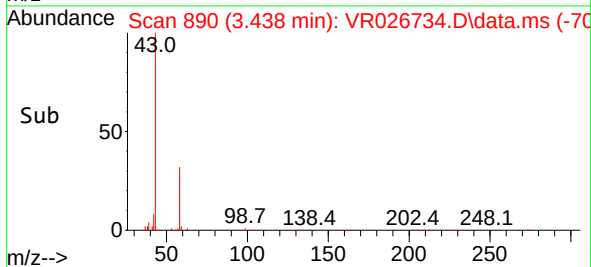
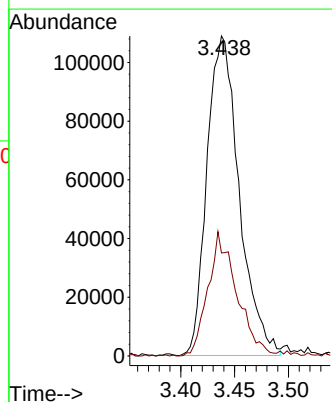
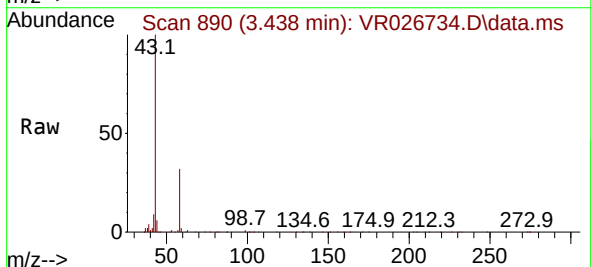
Instrument :
MSVOA_R
ClientSampleId :

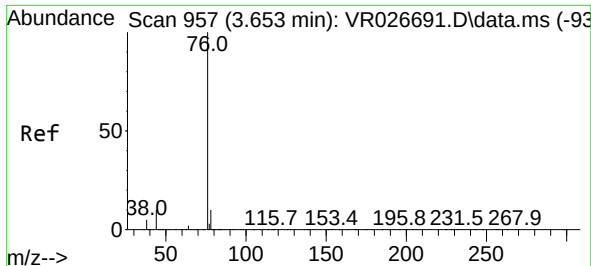
Tgt Ion: 53 Resp: 246031
Ion Ratio Lower Upper
53 100
52 82.4 61.4 92.2
51 33.0 25.8 38.6



#16
Acetone
Concen: 104.918 ug/l
RT: 3.438 min Scan# 890
Delta R.T. -0.010 min
Lab File: VR026734.D
Acq: 11 Aug 2025 11:47

Tgt Ion: 43 Resp: 226472
Ion Ratio Lower Upper
43 100
58 32.2 32.9 49.3#

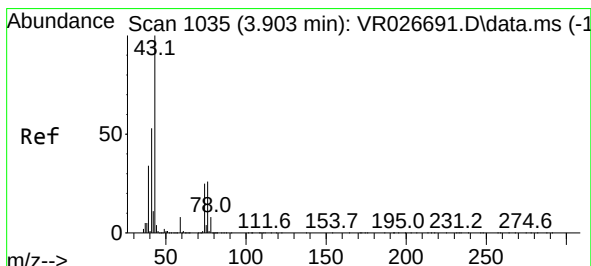
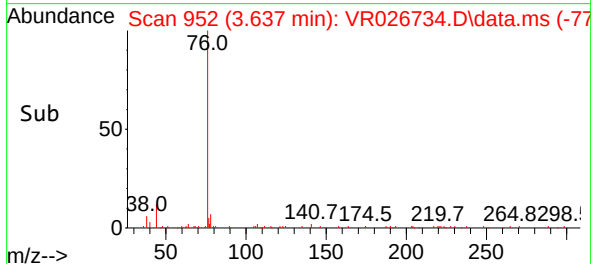
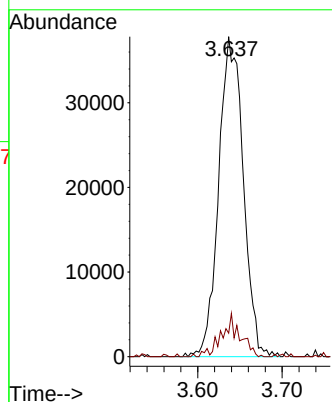
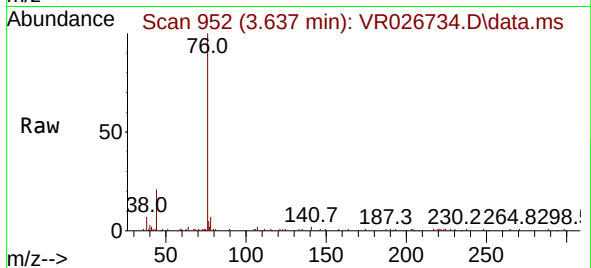




#17
Carbon Disulfide
Concen: 13.334 ug/l
RT: 3.637 min Scan# 91
Delta R.T. -0.016 min
Lab File: VR026734.D
Acq: 11 Aug 2025 11:47

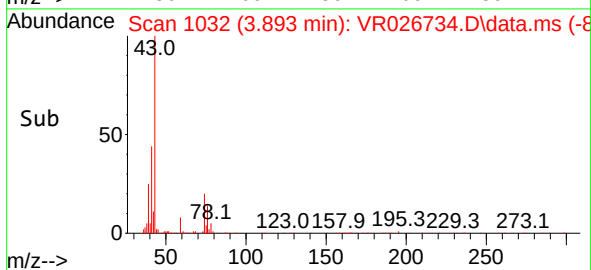
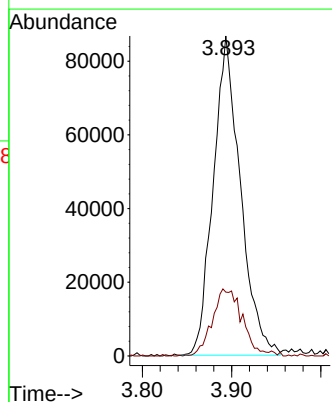
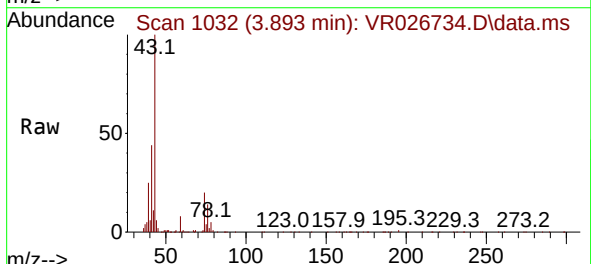
Instrument :
MSVOA_R
ClientSampleId :

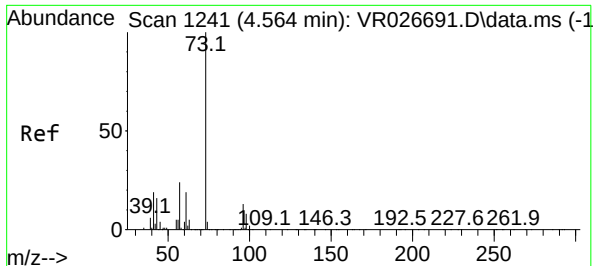
Tgt Ion: 76 Resp: 76294
Ion Ratio Lower Upper
76 100
78 7.4 7.8 11.6#



#18
Methyl Acetate
Concen: 20.278 ug/l
RT: 3.893 min Scan# 1032
Delta R.T. -0.010 min
Lab File: VR026734.D
Acq: 11 Aug 2025 11:47

Tgt Ion: 43 Resp: 182691
Ion Ratio Lower Upper
43 100
74 23.5 19.4 29.0





#19

Methyl tert-butyl Ether

Concen: 15.137 ug/l

RT: 4.558 min Scan# 11

Delta R.T. -0.006 min

Lab File: VR026734.D

Acq: 11 Aug 2025 11:47

Instrument :

MSVOA_R

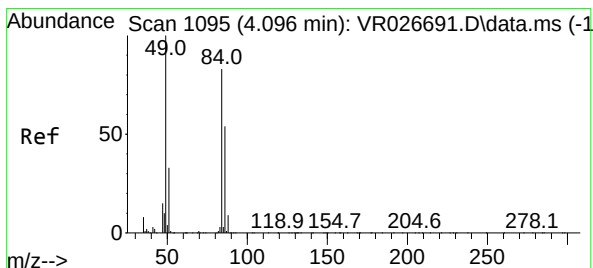
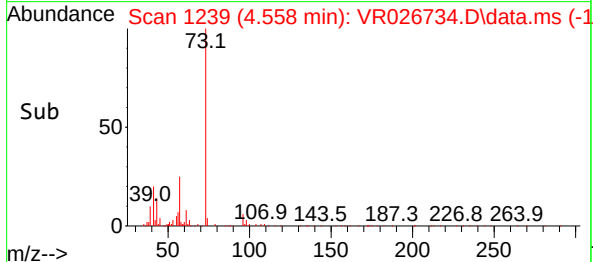
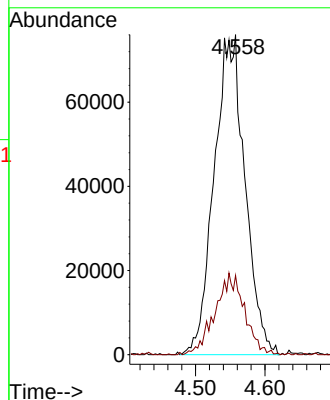
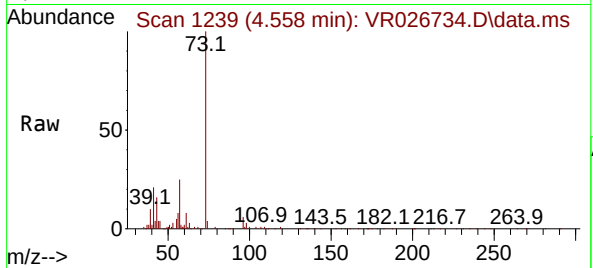
ClientSampleId :

Tgt Ion: 73 Resp: 234156

Ion Ratio Lower Upper

73 100

57 24.8 19.4 29.0



#20

Methylene Chloride

Concen: 7.491 ug/l

RT: 4.076 min Scan# 1089

Delta R.T. -0.019 min

Lab File: VR026734.D

Acq: 11 Aug 2025 11:47

Tgt Ion: 84 Resp: 38375

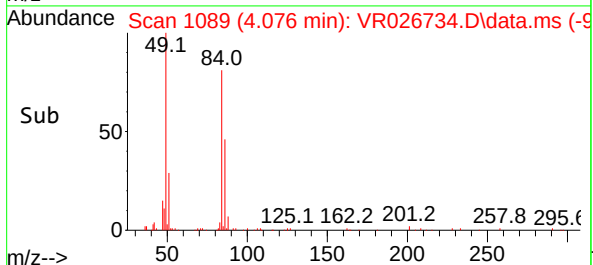
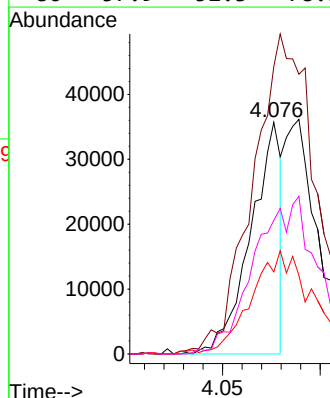
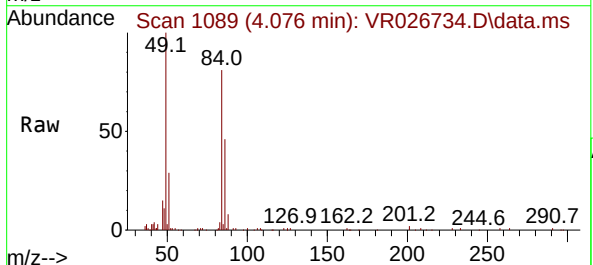
Ion Ratio Lower Upper

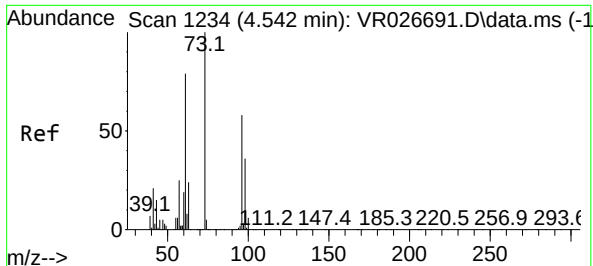
84 100

49 123.6 96.2 144.4

51 34.4 31.8 47.6

86 57.9 52.3 78.5

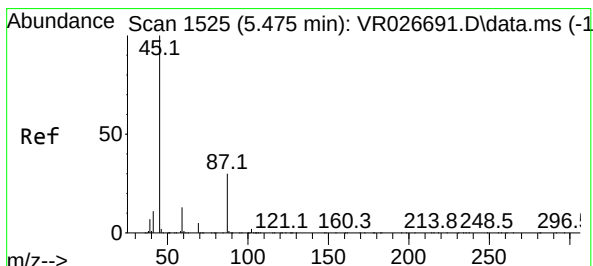
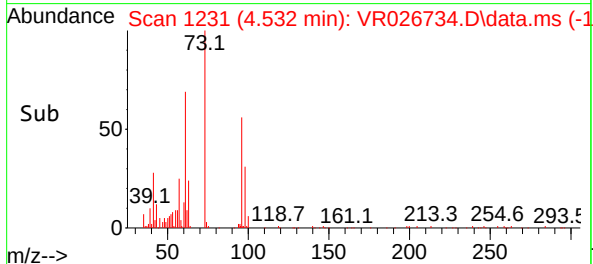
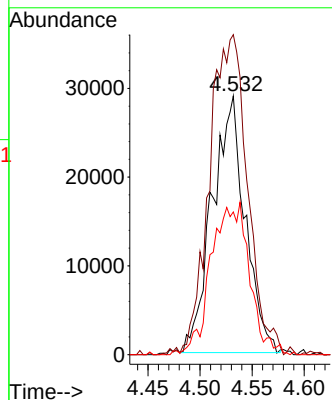
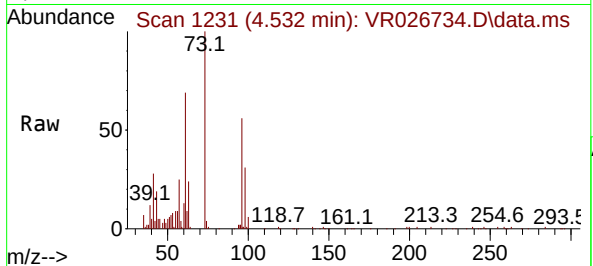




#21
trans-1,2-Dichloroethene
Concen: 14.993 ug/l
RT: 4.532 min Scan# 11
Delta R.T. -0.010 min
Lab File: VR026734.D
Acq: 11 Aug 2025 11:47

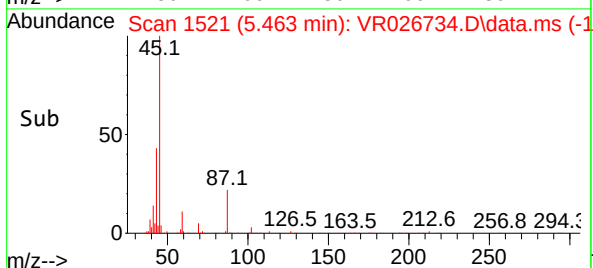
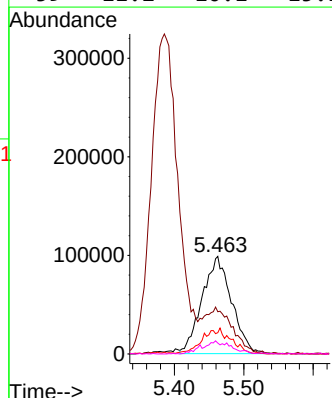
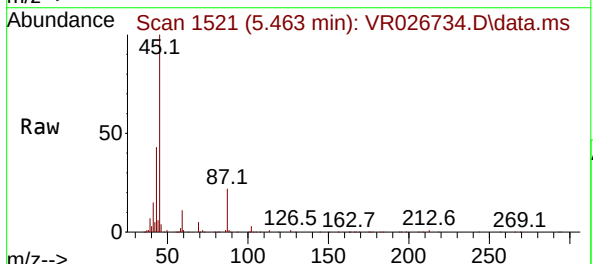
Instrument :
MSVOA_R
ClientSampleId :

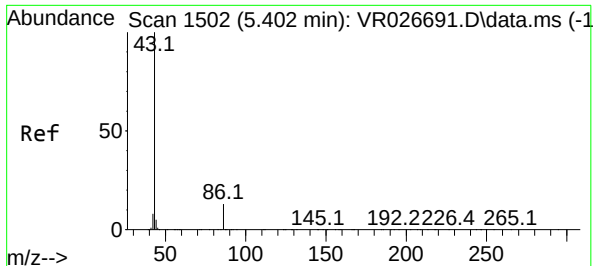
Tgt Ion: 96 Resp: 63709
Ion Ratio Lower Upper
96 100
61 124.2 110.3 165.5
98 55.0 50.2 75.4



#22
Diisopropyl ether
Concen: 16.281 ug/l
RT: 5.463 min Scan# 1521
Delta R.T. -0.013 min
Lab File: VR026734.D
Acq: 11 Aug 2025 11:47

Tgt Ion: 45 Resp: 290126
Ion Ratio Lower Upper
45 100
43 42.9 38.2 57.2
87 21.6 24.0 36.0#
59 11.2 10.1 15.1





#23

Vinyl Acetate

Concen: 85.534 ug/l

RT: 5.386 min Scan# 1497

Delta R.T. -0.016 min

Lab File: VR026734.D

Acq: 11 Aug 2025 11:47

Instrument :

MSVOA_R

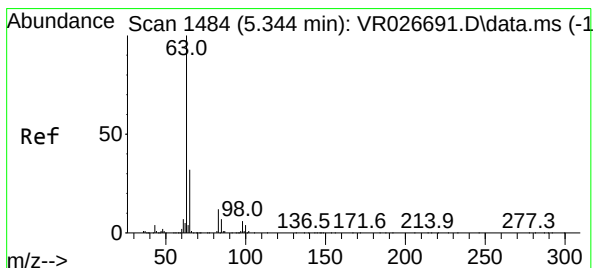
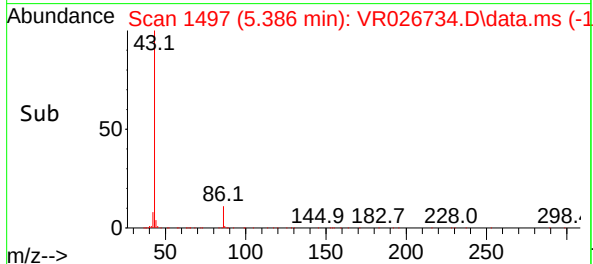
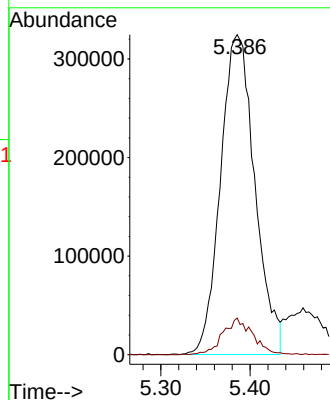
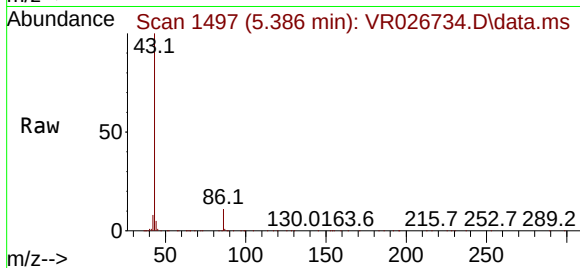
ClientSampleId :

Tgt Ion: 43 Resp: 869081

Ion Ratio Lower Upper

43 100

86 11.5 10.7 16.1



#24

1,1-Dichloroethane

Concen: 16.085 ug/l

RT: 5.325 min Scan# 1478

Delta R.T. -0.019 min

Lab File: VR026734.D

Acq: 11 Aug 2025 11:47

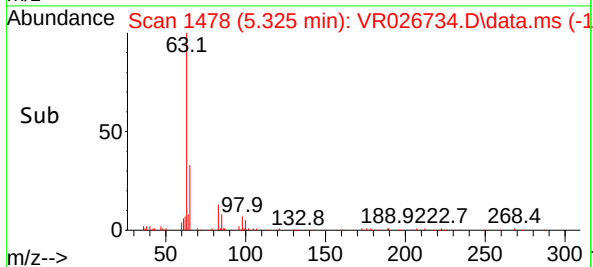
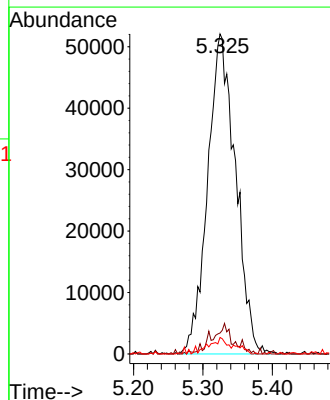
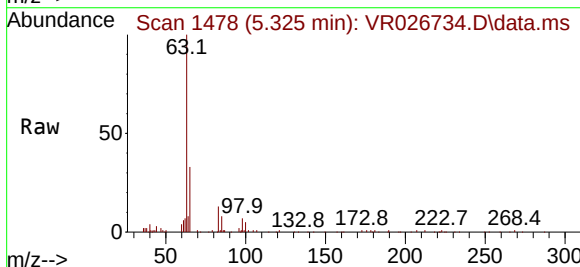
Tgt Ion: 63 Resp: 145155

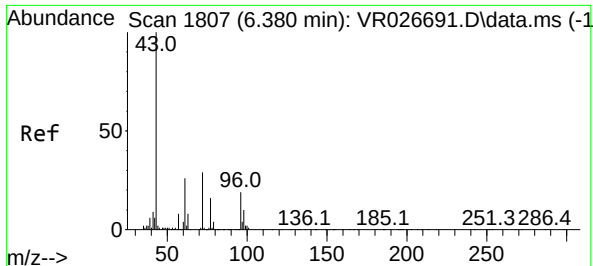
Ion Ratio Lower Upper

63 100

98 6.6 2.9 8.8

100 5.1 1.8 5.4





#25

2-Butanone

Concen: 98.731 ug/l

RT: 6.367 min Scan# 11

Delta R.T. -0.013 min

Lab File: VR026734.D

Acq: 11 Aug 2025 11:47

Instrument :

MSVOA_R

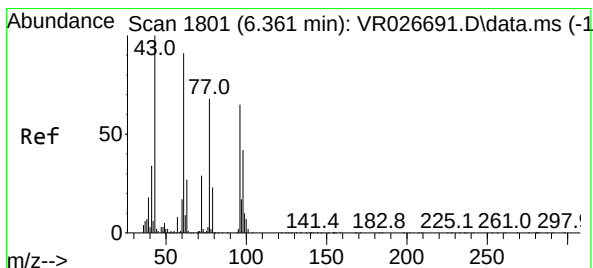
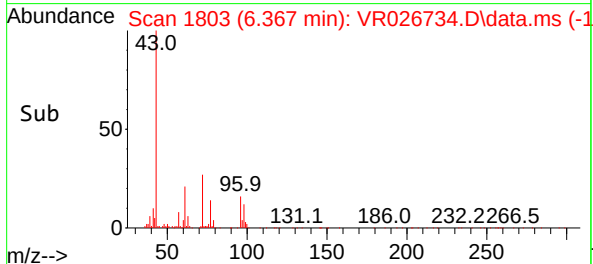
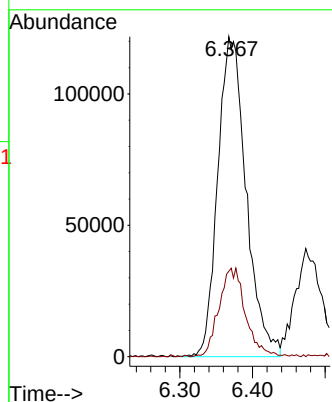
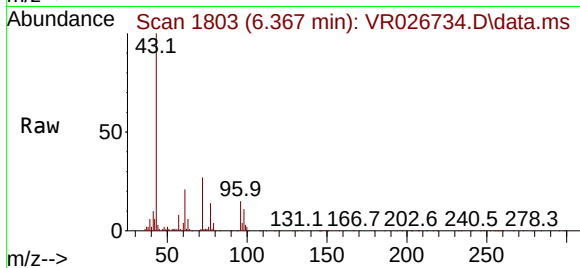
ClientSampleId :

Tgt Ion: 43 Resp: 329860

Ion Ratio Lower Upper

43 100

72 26.5 23.1 34.7



#26

2,2-Dichloropropane

Concen: 14.108 ug/l

RT: 6.348 min Scan# 1797

Delta R.T. -0.013 min

Lab File: VR026734.D

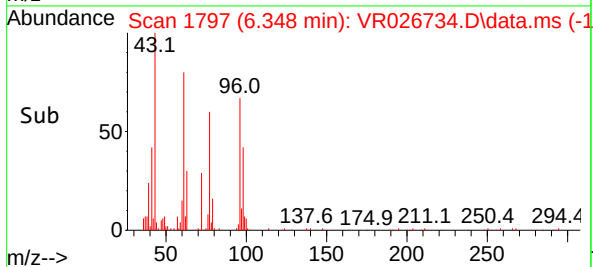
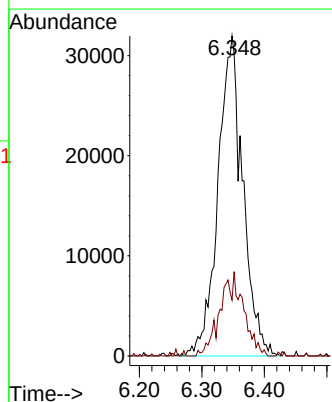
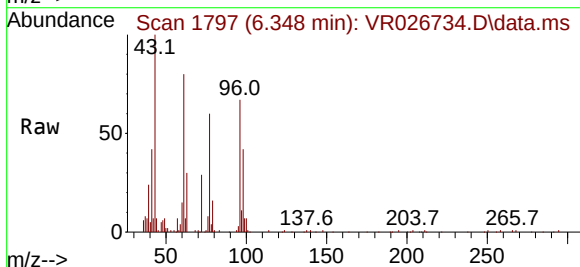
Acq: 11 Aug 2025 11:47

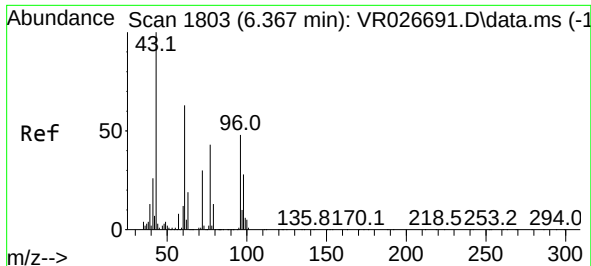
Tgt Ion: 77 Resp: 88012

Ion Ratio Lower Upper

77 100

97 13.2 12.3 36.8

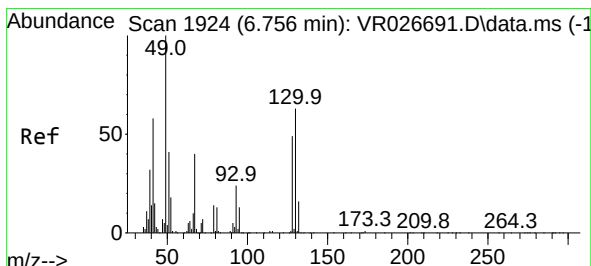
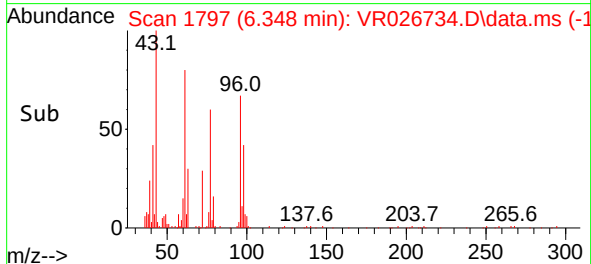
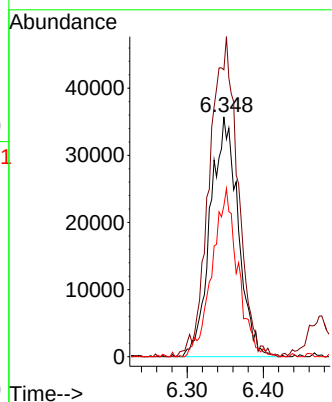
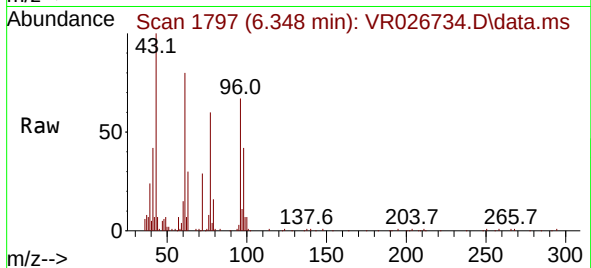




#27
 cis-1,2-Dichloroethene
 Concen: 16.530 ug/l
 RT: 6.348 min Scan# 11
 Delta R.T. -0.019 min
 Lab File: VR026734.D
 Acq: 11 Aug 2025 11:47

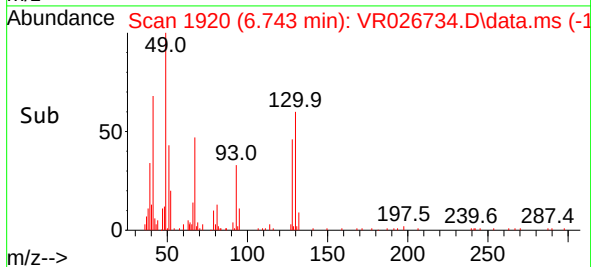
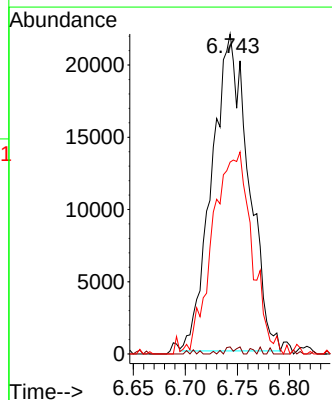
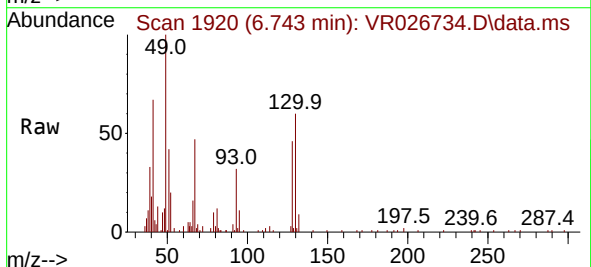
Instrument :
 MSVOA_R
 ClientSampleId :

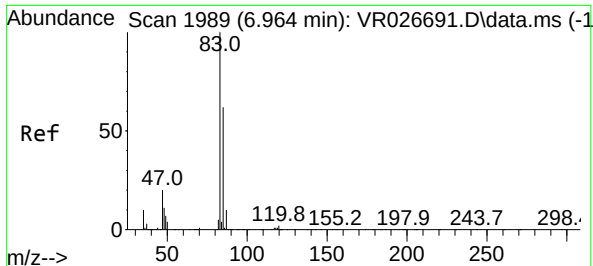
Tgt Ion: 96 Resp: 90365
 Ion Ratio Lower Upper
 96 100
 61 136.8 0.0 279.8
 98 65.2 0.0 125.2



#28
 Bromochloromethane
 Concen: 16.597 ug/l
 RT: 6.743 min Scan# 1920
 Delta R.T. -0.013 min
 Lab File: VR026734.D
 Acq: 11 Aug 2025 11:47

Tgt Ion: 49 Resp: 53971
 Ion Ratio Lower Upper
 49 100
 129 0.5 0.0 3.4
 130 0.0 52.2 78.4#





#29

Chloroform

Concen: 17.678 ug/l

RT: 6.948 min Scan# 1989

Delta R.T. -0.016 min

Lab File: VR026734.D

Acq: 11 Aug 2025 11:47

Instrument :

MSVOA_R

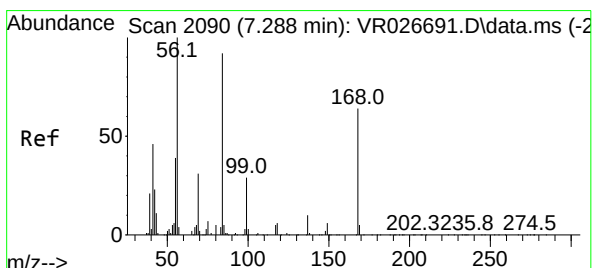
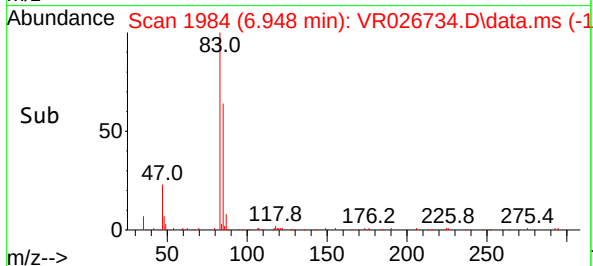
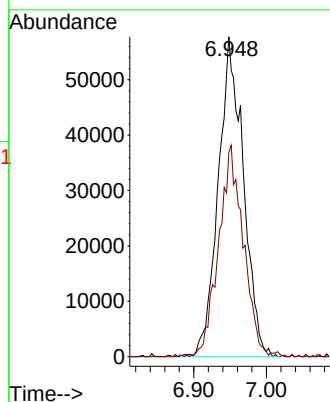
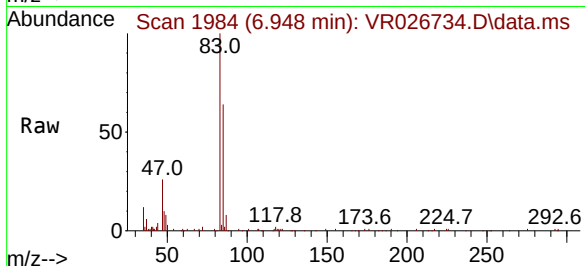
ClientSampleId :

Tgt Ion: 83 Resp: 138191

Ion Ratio Lower Upper

83 100

85 63.3 49.6 74.4



#30

Cyclohexane

Concen: 15.519 ug/l

RT: 7.276 min Scan# 2086

Delta R.T. -0.013 min

Lab File: VR026734.D

Acq: 11 Aug 2025 11:47

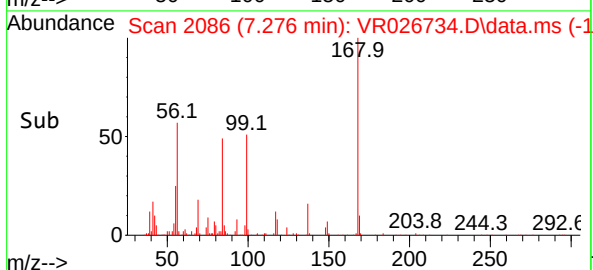
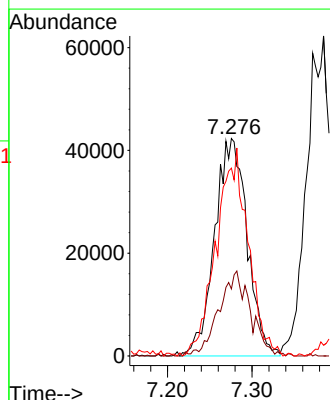
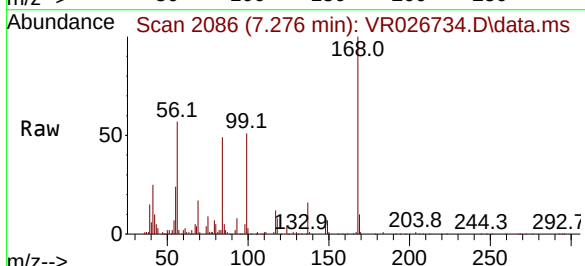
Tgt Ion: 56 Resp: 113101

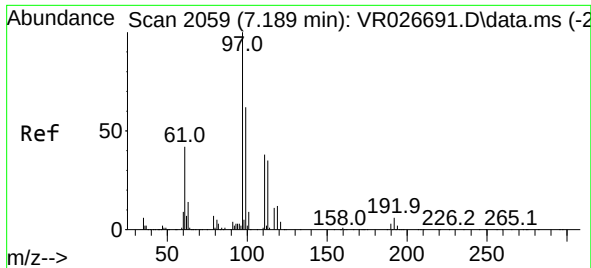
Ion Ratio Lower Upper

56 100

69 30.8 24.8 37.2

84 85.0 73.1 109.7

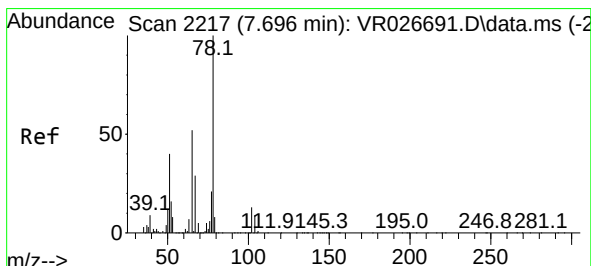
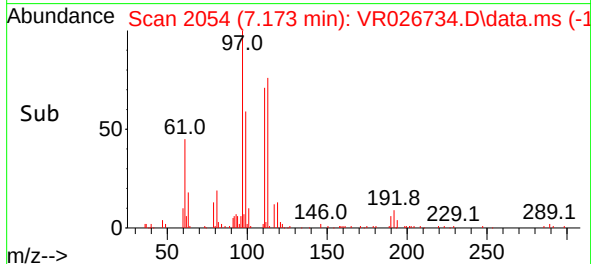
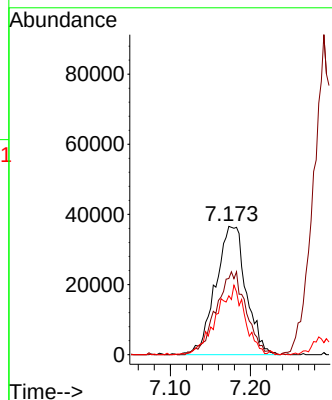
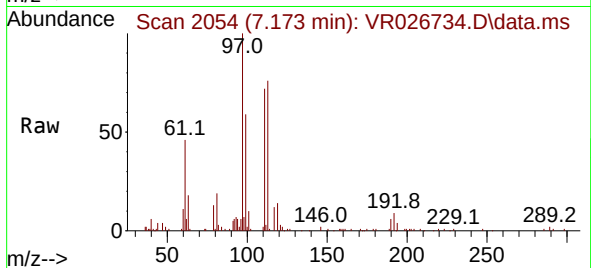




#31
 1,1,1-Trichloroethane
 Concen: 17.102 ug/l
 RT: 7.173 min Scan# 2059
 Delta R.T. -0.016 min
 Lab File: VR026734.D
 Acq: 11 Aug 2025 11:47

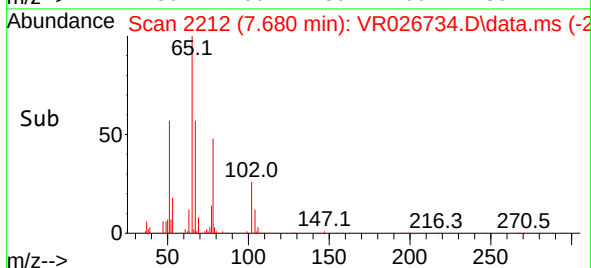
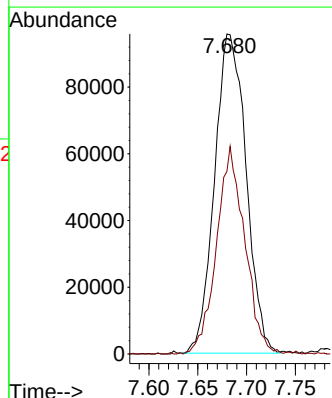
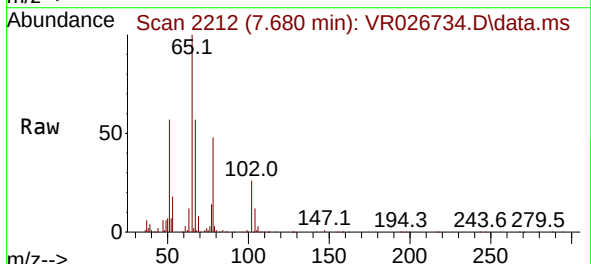
Instrument :
 MSVOA_R
 ClientSampleId :

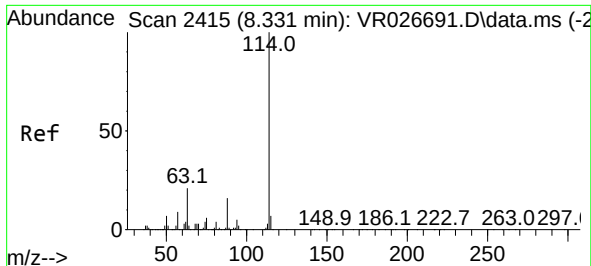
Tgt Ion: 97 Resp: 96572
 Ion Ratio Lower Upper
 97 100
 99 63.8 51.0 76.6
 61 50.5 36.3 54.5



#32
 1,2-Dichloroethane-d4
 Concen: 46.683 ug/l
 RT: 7.680 min Scan# 2212
 Delta R.T. -0.016 min
 Lab File: VR026734.D
 Acq: 11 Aug 2025 11:47

Tgt Ion: 65 Resp: 214703
 Ion Ratio Lower Upper
 65 100
 67 58.1 0.0 118.4





#33

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.328 min Scan# 2414

Delta R.T. -0.003 min

Lab File: VR026734.D

Acq: 11 Aug 2025 11:47

Instrument :

MSVOA_R

ClientSampleId :

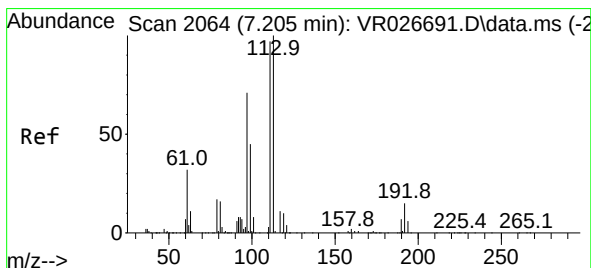
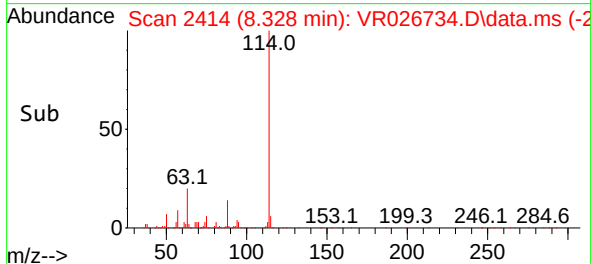
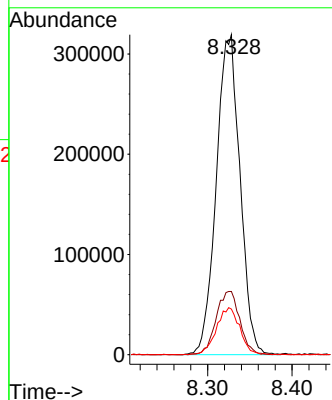
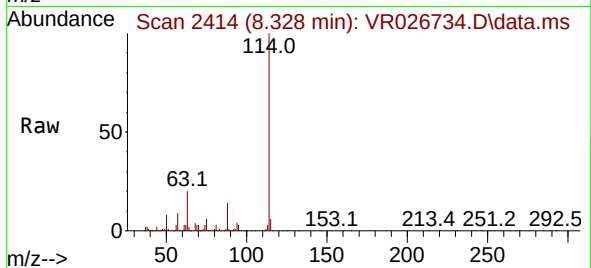
Tgt Ion:114 Resp: 621942

Ion Ratio Lower Upper

114 100

63 19.7 0.0 41.6

88 14.2 0.0 32.6



#34

Dibromofluoromethane

Concen: 48.925 ug/l

RT: 7.195 min Scan# 2061

Delta R.T. -0.010 min

Lab File: VR026734.D

Acq: 11 Aug 2025 11:47

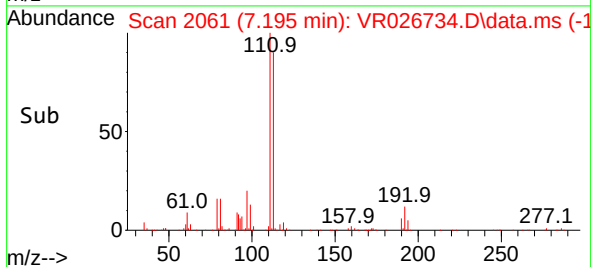
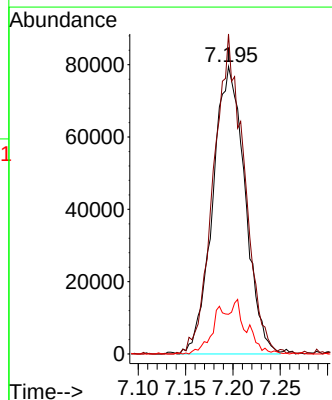
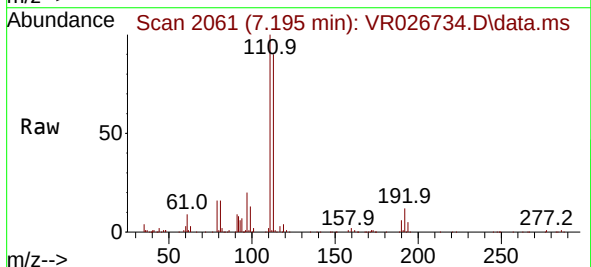
Tgt Ion:113 Resp: 188204

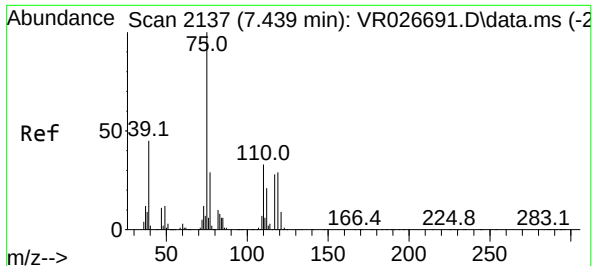
Ion Ratio Lower Upper

113 100

111 105.9 81.7 122.5

192 9.1 12.3 18.5#





#35

1,1-Dichloropropene

Concen: 18.218 ug/l

RT: 7.426 min Scan# 2137

Delta R.T. -0.013 min

Lab File: VR026734.D

Acq: 11 Aug 2025 11:47

Instrument :

MSVOA_R

ClientSampleId :

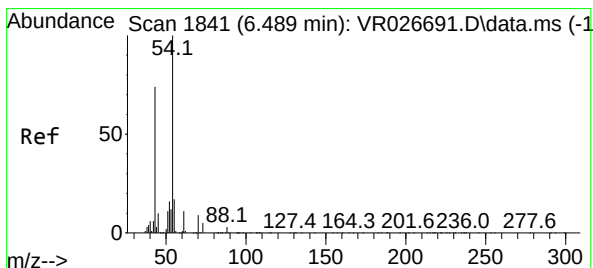
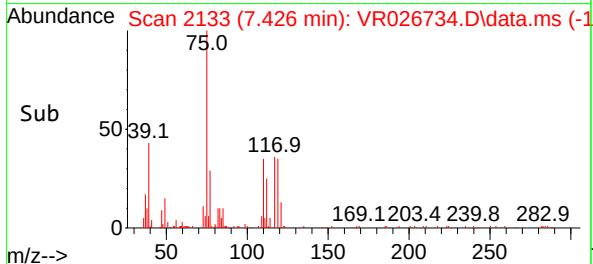
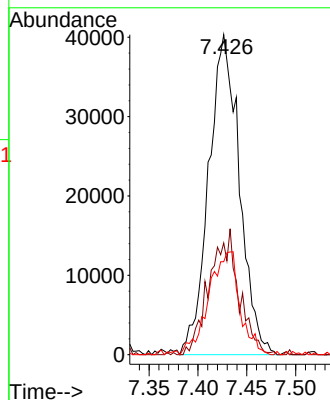
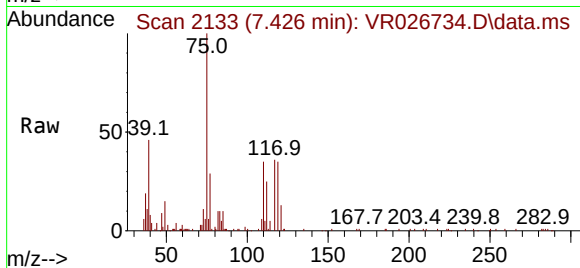
Tgt Ion: 75 Resp: 88410

Ion Ratio Lower Upper

75 100

110 37.3 17.0 50.9

77 32.8 24.6 37.0



#36

Ethyl Acetate

Concen: 17.966 ug/l

RT: 6.473 min Scan# 1836

Delta R.T. -0.016 min

Lab File: VR026734.D

Acq: 11 Aug 2025 11:47

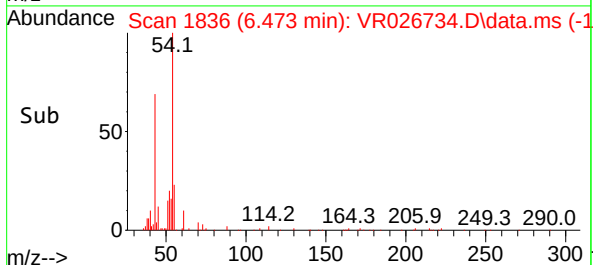
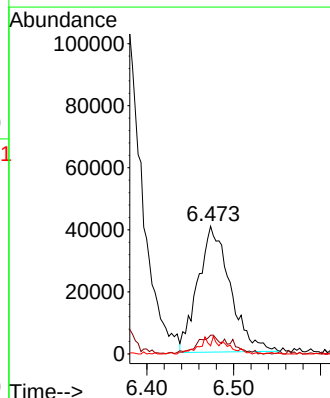
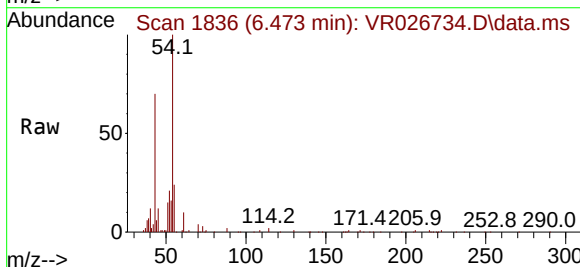
Tgt Ion: 43 Resp: 104380

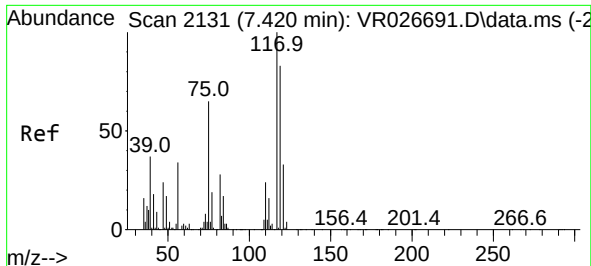
Ion Ratio Lower Upper

43 100

61 10.2 12.0 18.0#

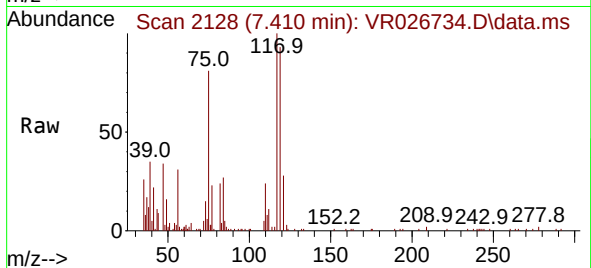
70 0.8 9.0 13.6#



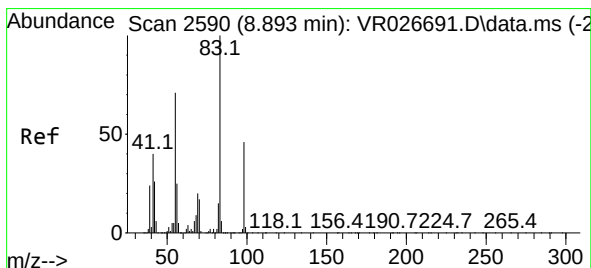
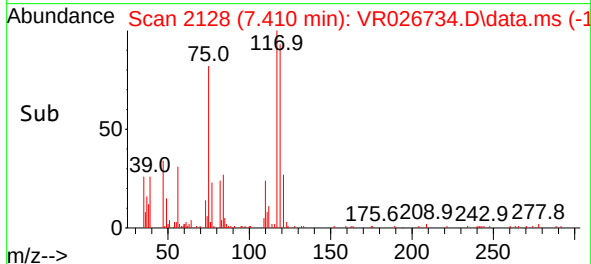
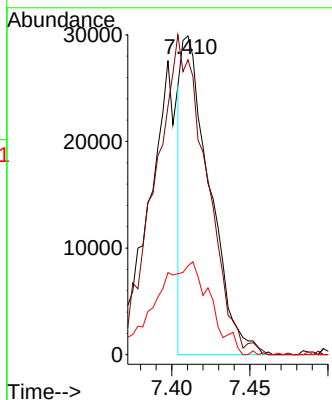


#37
Carbon Tetrachloride
Concen: 9.528 ug/l
RT: 7.410 min Scan# 2131
Delta R.T. -0.010 min
Lab File: VR026734.D
Acq: 11 Aug 2025 11:47

Instrument :
MSVOA_R
ClientSampleId :

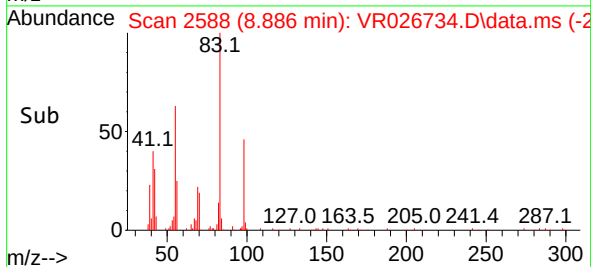
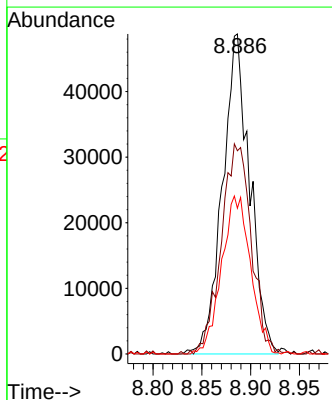
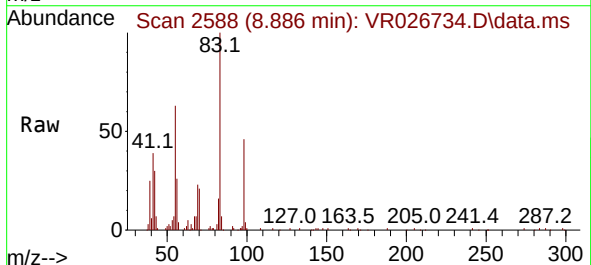


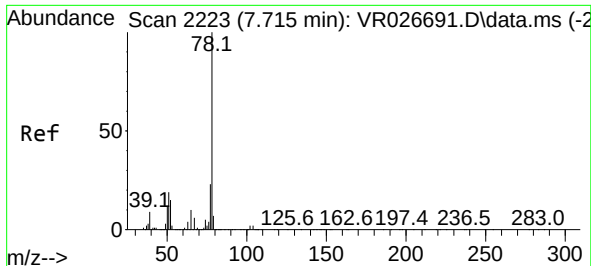
Tgt Ion: 117 Resp: 37657
Ion Ratio Lower Upper
117 100
119 92.5 67.0 100.4
121 27.3 26.3 39.5



#38
Methylcyclohexane
Concen: 17.002 ug/l
RT: 8.886 min Scan# 2588
Delta R.T. -0.006 min
Lab File: VR026734.D
Acq: 11 Aug 2025 11:47

Tgt Ion: 83 Resp: 94443
Ion Ratio Lower Upper
83 100
55 63.5 56.7 85.1
98 45.6 36.7 55.1

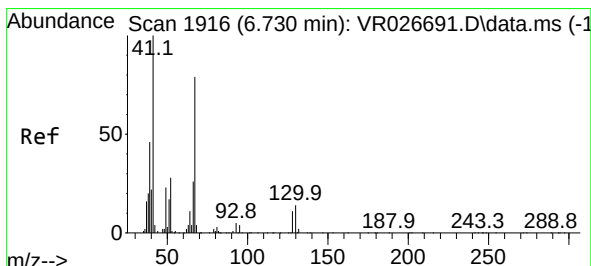
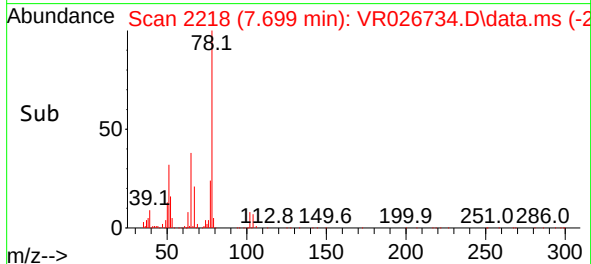
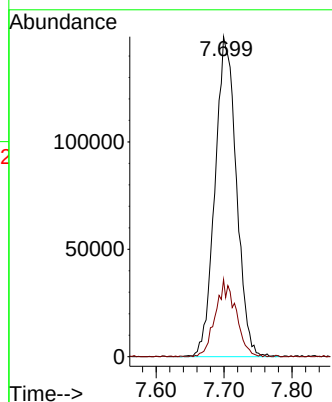
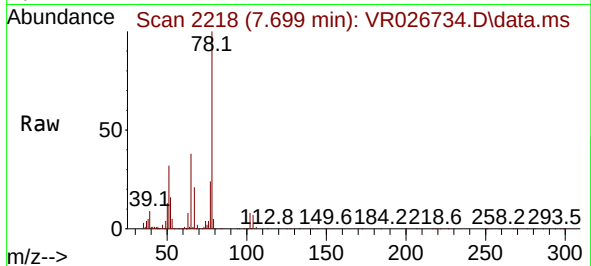




#39
Benzene
Concen: 18.663 ug/l
RT: 7.699 min Scan# 21
Delta R.T. -0.016 min
Lab File: VR026734.D
Acq: 11 Aug 2025 11:47

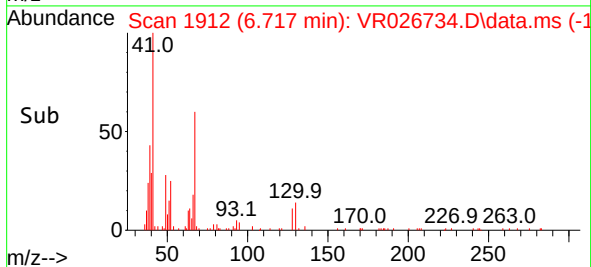
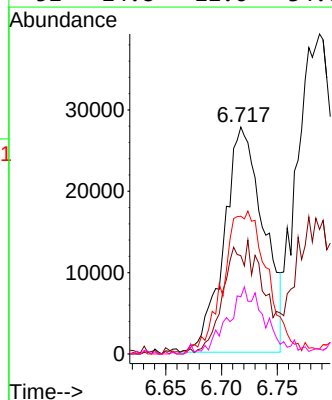
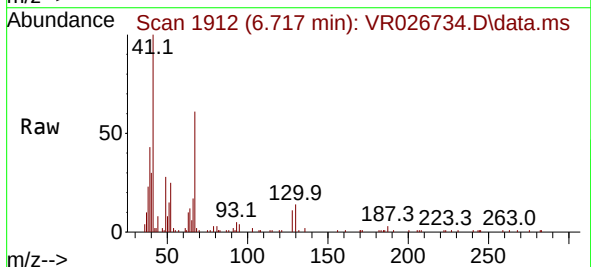
Instrument :
MSVOA_R
ClientSampleId :

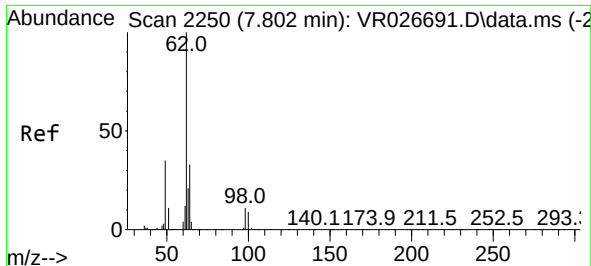
Tgt Ion: 78 Resp: 326153
Ion Ratio Lower Upper
78 100
77 24.1 18.8 28.2



#40
Methacrylonitrile
Concen: 18.925 ug/l
RT: 6.717 min Scan# 1912
Delta R.T. -0.013 min
Lab File: VR026734.D
Acq: 11 Aug 2025 11:47

Tgt Ion: 41 Resp: 68329
Ion Ratio Lower Upper
41 100
39 25.5 42.4 63.6#
67 35.9 65.6 98.4#
52 24.8 22.6 34.0





#41

1,2-Dichloroethane

Concen: 20.126 ug/l

RT: 7.792 min Scan# 21

Delta R.T. -0.010 min

Lab File: VR026734.D

Acq: 11 Aug 2025 11:47

Instrument :

MSVOA_R

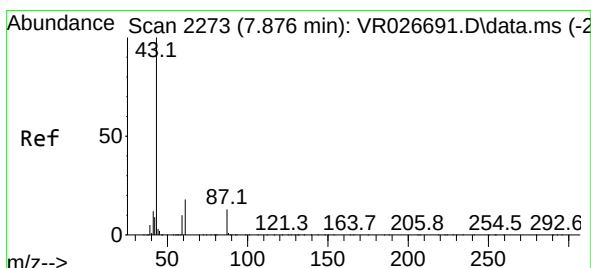
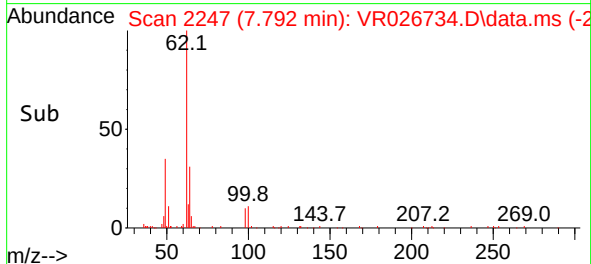
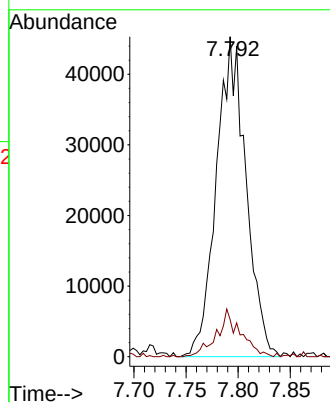
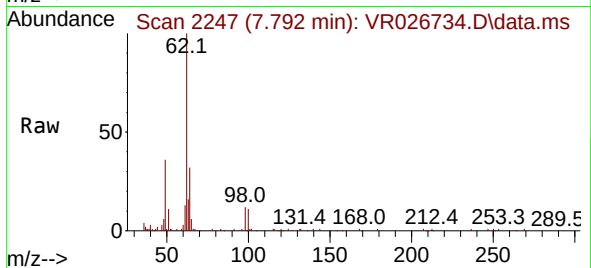
ClientSampleId :

Tgt Ion: 62 Resp: 89461

Ion Ratio Lower Upper

62 100

98 12.0 0.0 22.2



#42

Isopropyl Acetate

Concen: 17.011 ug/l

RT: 7.866 min Scan# 2270

Delta R.T. -0.010 min

Lab File: VR026734.D

Acq: 11 Aug 2025 11:47

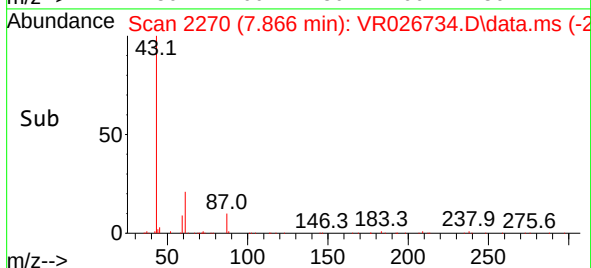
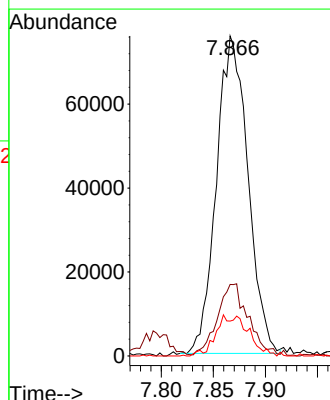
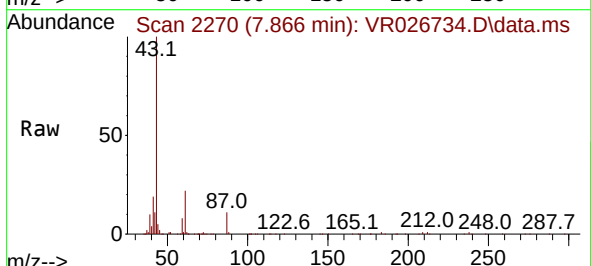
Tgt Ion: 43 Resp: 158912

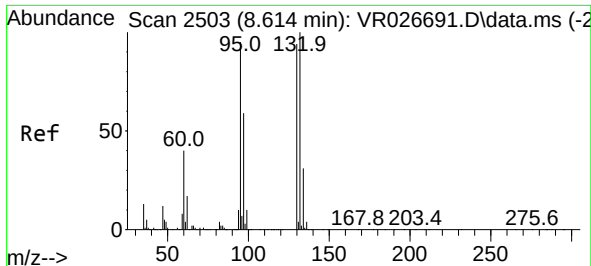
Ion Ratio Lower Upper

43 100

61 21.5 17.9 26.9

87 6.2 10.8 16.2#

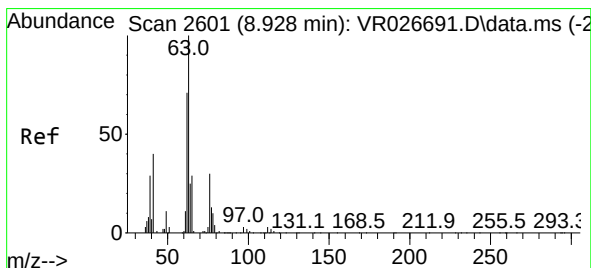
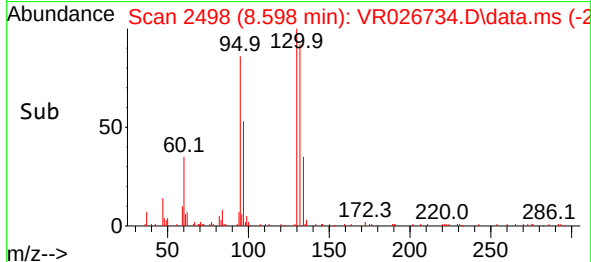
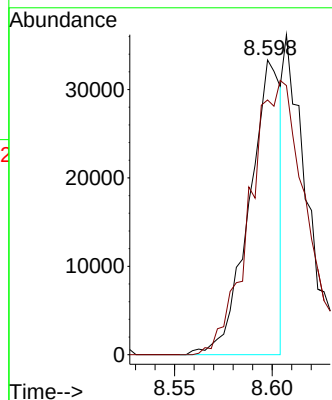
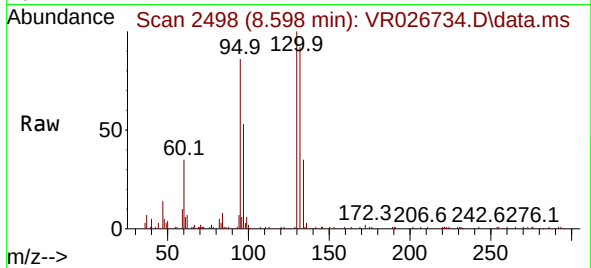




#43
Trichloroethene
Concen: 11.119 ug/l
RT: 8.598 min Scan# 2498
Delta R.T. -0.016 min
Lab File: VR026734.D
Acq: 11 Aug 2025 11:47

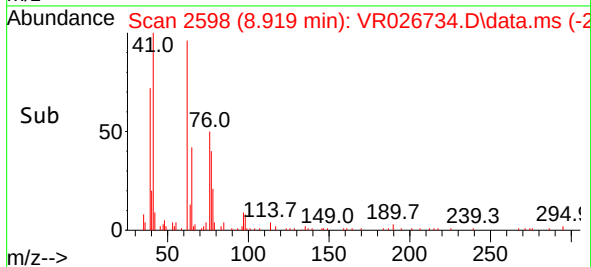
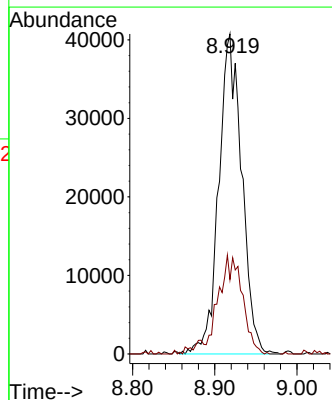
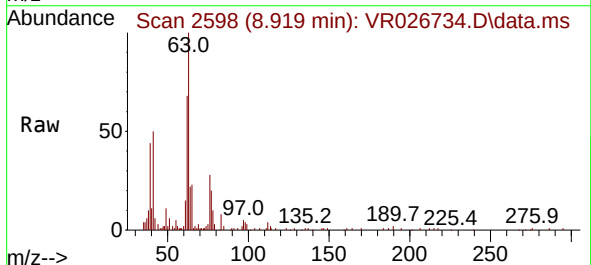
Instrument :
MSVOA_R
ClientSampleId :

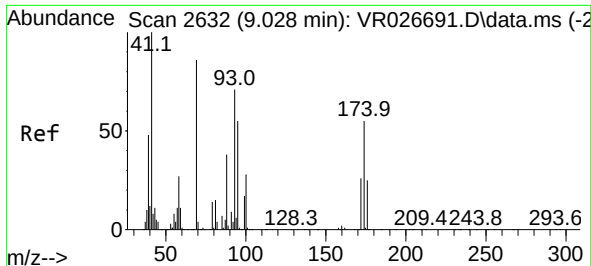
Tgt Ion:130 Resp: 37370
Ion Ratio Lower Upper
130 100
95 86.4 0.0 200.6



#44
1,2-Dichloropropane
Concen: 19.147 ug/l
RT: 8.919 min Scan# 2598
Delta R.T. -0.010 min
Lab File: VR026734.D
Acq: 11 Aug 2025 11:47

Tgt Ion: 63 Resp: 79184
Ion Ratio Lower Upper
63 100
65 23.3 23.8 35.8#

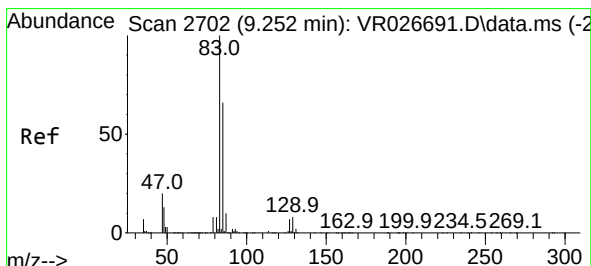
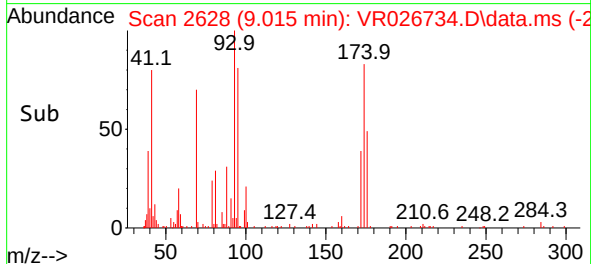
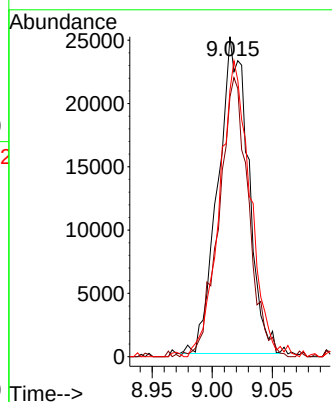
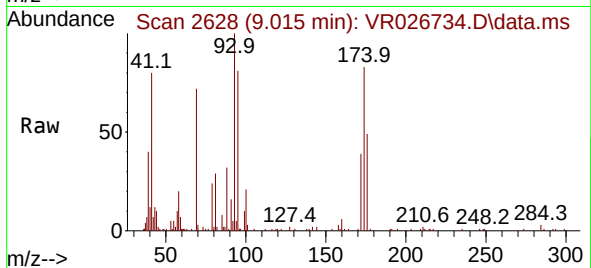




#45
Dibromomethane
Concen: 19.023 ug/l
RT: 9.015 min Scan# 21
Delta R.T. -0.013 min
Lab File: VR026734.D
Acq: 11 Aug 2025 11:47

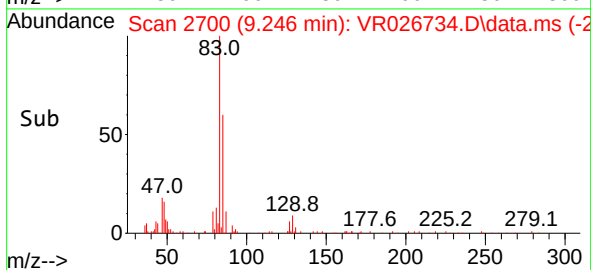
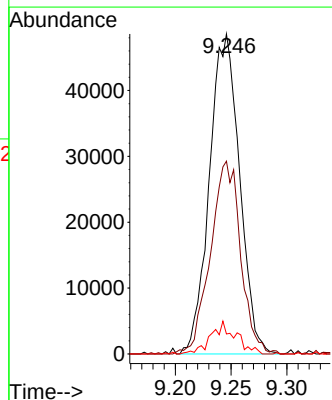
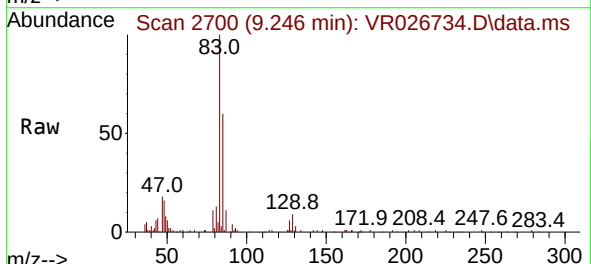
Instrument :
MSVOA_R
ClientSampleId :

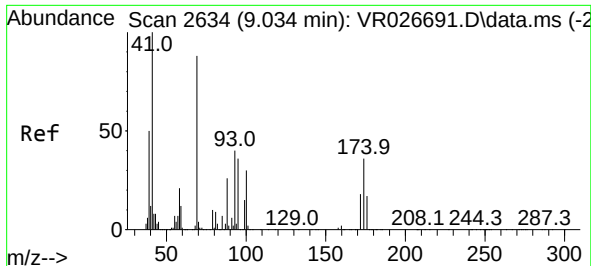
Tgt Ion: 93 Resp: 43753
Ion Ratio Lower Upper
93 100
95 86.2 69.4 104.0
174 95.3 66.9 100.3



#46
Bromodichloromethane
Concen: 20.496 ug/l
RT: 9.246 min Scan# 2700
Delta R.T. -0.006 min
Lab File: VR026734.D
Acq: 11 Aug 2025 11:47

Tgt Ion: 83 Resp: 91337
Ion Ratio Lower Upper
83 100
85 60.3 52.6 78.8
127 6.3 5.5 8.3

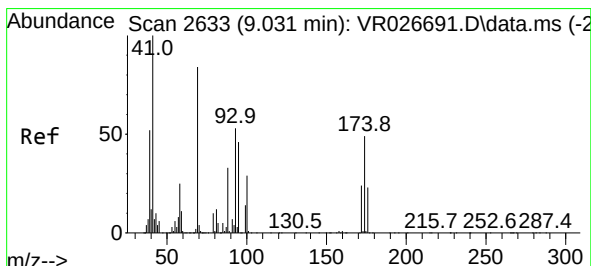
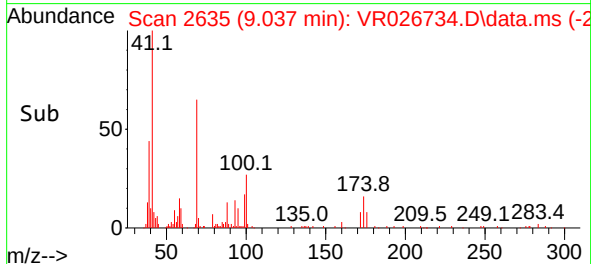
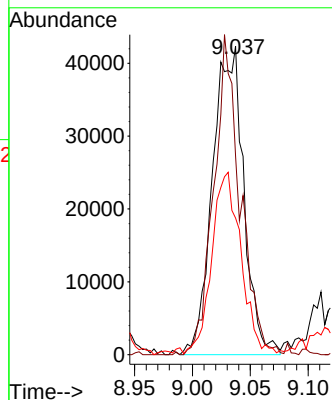
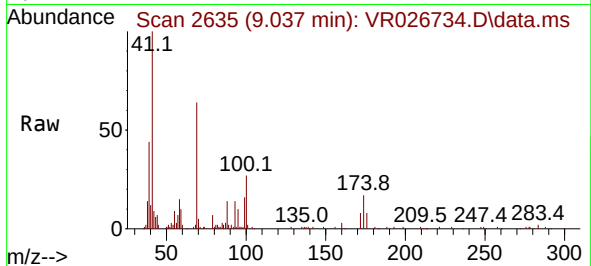




#47
Methyl methacrylate
Concen: 19.325 ug/l
RT: 9.037 min Scan# 2634
Delta R.T. 0.003 min
Lab File: VR026734.D
Acq: 11 Aug 2025 11:47

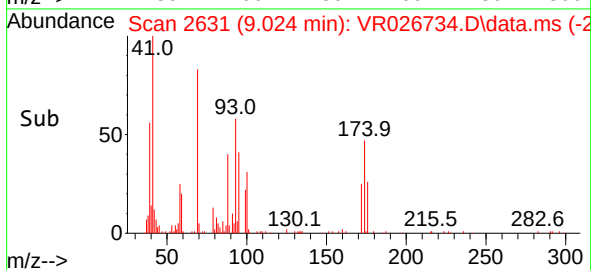
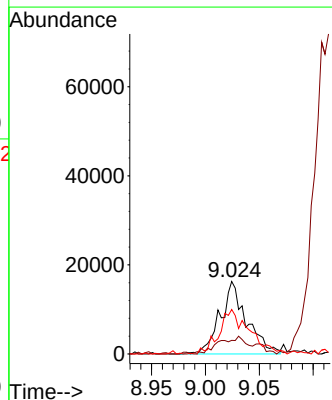
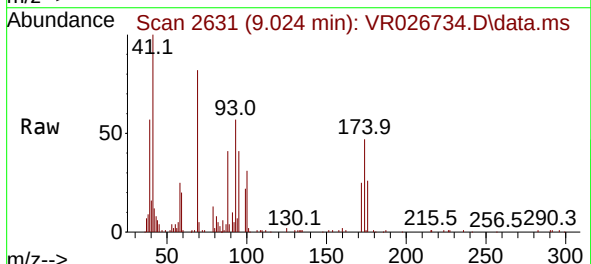
Instrument :
MSVOA_R
ClientSampleId :

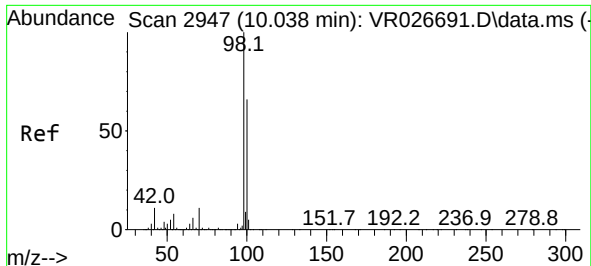
Tgt Ion: 41 Resp: 79013
Ion Ratio Lower Upper
41 100
69 88.0 69.8 104.6
39 54.8 39.4 59.2



#48
1,4-Dioxane
Concen: 421.897 ug/l
RT: 9.024 min Scan# 2631
Delta R.T. -0.006 min
Lab File: VR026734.D
Acq: 11 Aug 2025 11:47

Tgt Ion: 88 Resp: 27786
Ion Ratio Lower Upper
88 100
43 0.0 25.2 37.8#
58 69.5 60.8 91.2

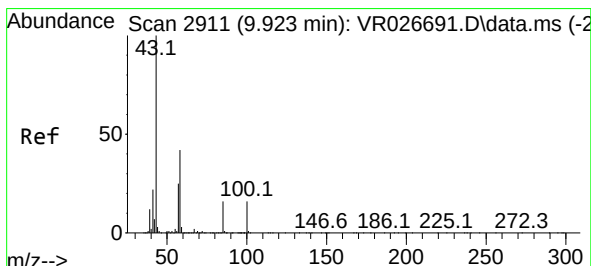
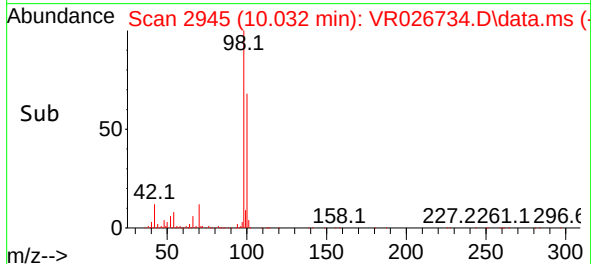
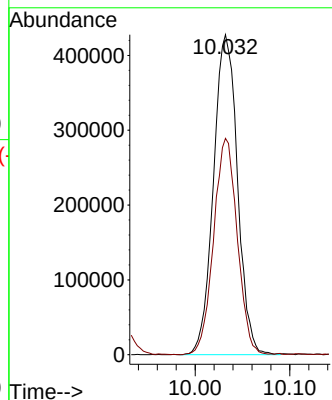
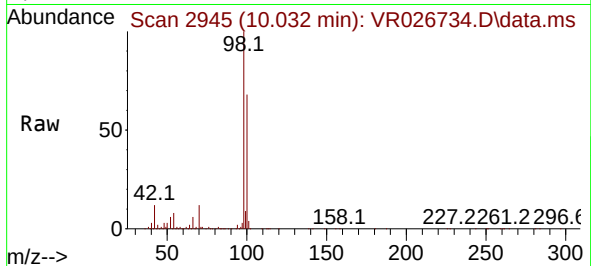




#49
Toluene-d8
Concen: 54.675 ug/l
RT: 10.032 min Scan# 2945
Delta R.T. -0.006 min
Lab File: VR026734.D
Acq: 11 Aug 2025 11:47

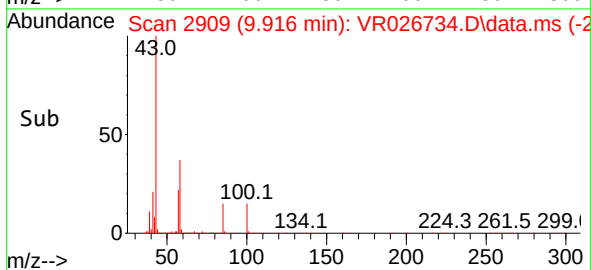
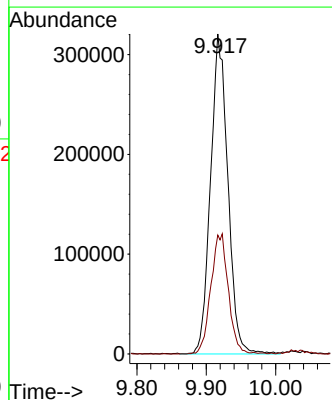
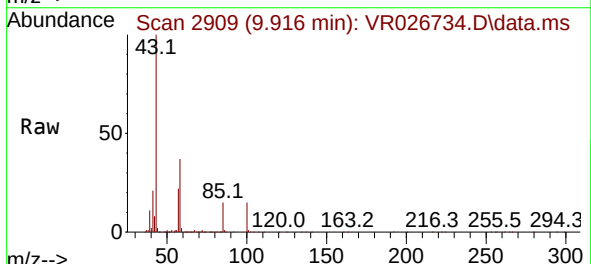
Instrument :
MSVOA_R
ClientSampleId :

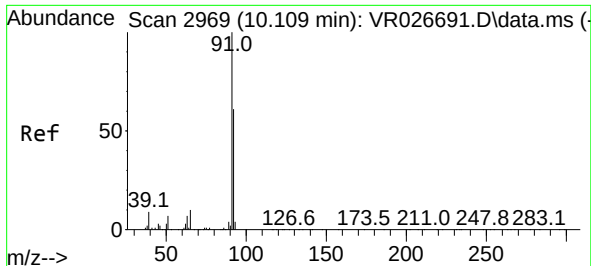
Tgt Ion: 98 Resp: 753501
Ion Ratio Lower Upper
98 100
100 66.5 53.9 80.9



#50
4-Methyl-2-Pentanone
Concen: 113.688 ug/l
RT: 9.916 min Scan# 2909
Delta R.T. -0.006 min
Lab File: VR026734.D
Acq: 11 Aug 2025 11:47

Tgt Ion: 43 Resp: 554464
Ion Ratio Lower Upper
43 100
58 37.8 33.7 50.5

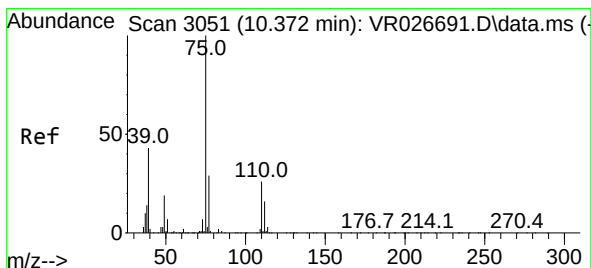
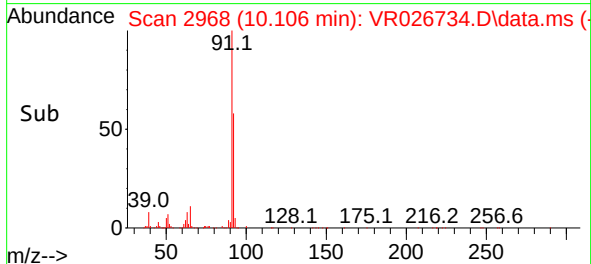
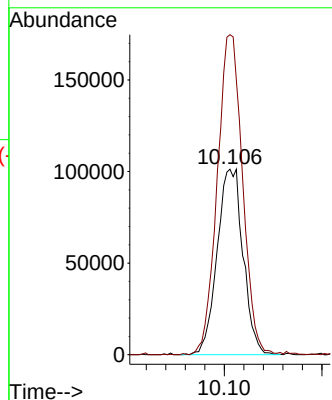
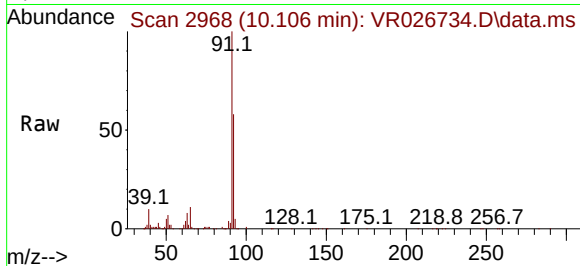




#51
Toluene
Concen: 20.924 ug/l
RT: 10.106 min Scan# 2968
Delta R.T. -0.003 min
Lab File: VR026734.D
Acq: 11 Aug 2025 11:47

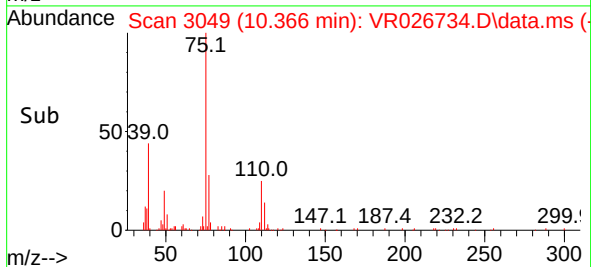
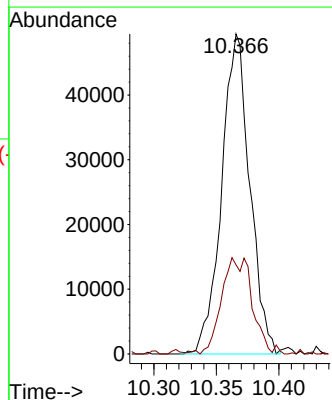
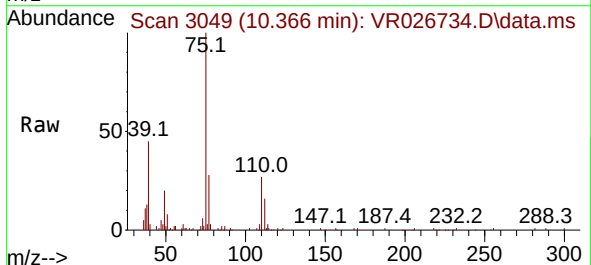
Instrument :
MSVOA_R
ClientSampleId :

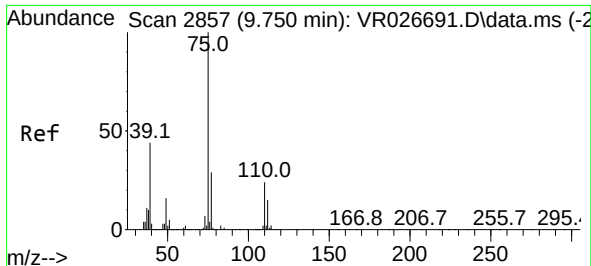
Tgt Ion: 92 Resp: 186666
Ion Ratio Lower Upper
92 100
91 168.1 137.8 206.6



#52
t-1,3-Dichloropropene
Concen: 17.740 ug/l
RT: 10.366 min Scan# 3049
Delta R.T. -0.006 min
Lab File: VR026734.D
Acq: 11 Aug 2025 11:47

Tgt Ion: 75 Resp: 77487
Ion Ratio Lower Upper
75 100
77 27.2 23.4 35.2

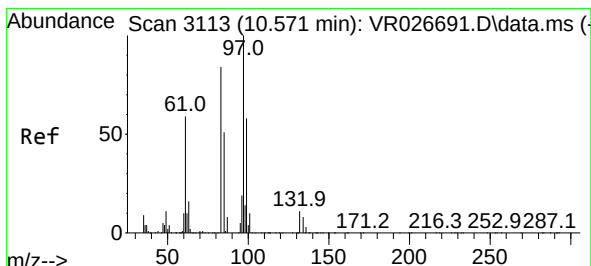
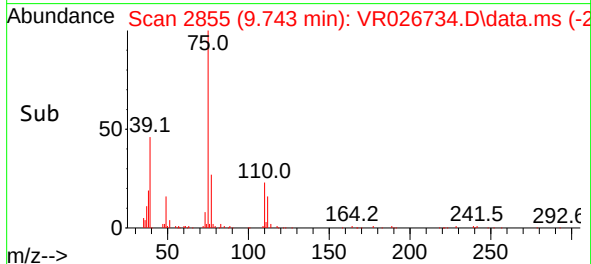
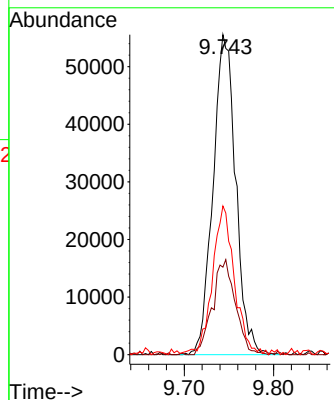
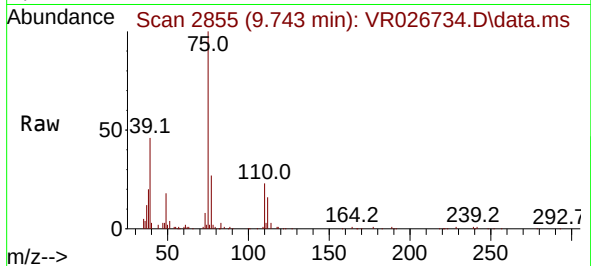




#53
 cis-1,3-Dichloropropene
 Concen: 18.711 ug/l
 RT: 9.743 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VR026734.D
 Acq: 11 Aug 2025 11:47

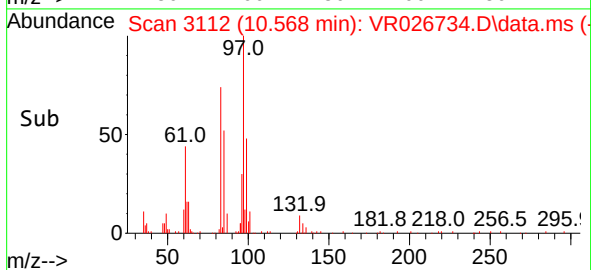
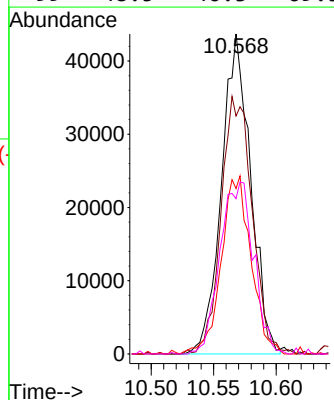
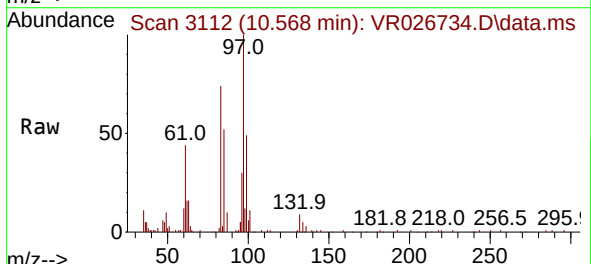
Instrument :
 MSVOA_R
 ClientSampleId :

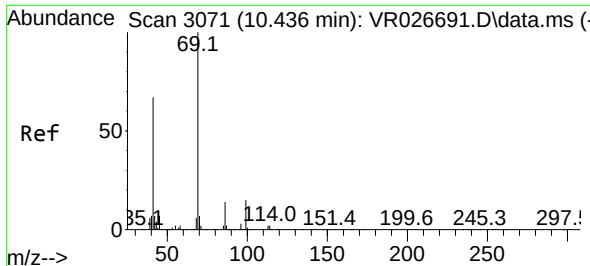
Tgt Ion: 75 Resp: 98028
 Ion Ratio Lower Upper
 75 100
 77 27.0 22.9 34.3
 39 46.4 34.8 52.2



#54
 1,1,2-Trichloroethane
 Concen: 21.742 ug/l
 RT: 10.568 min Scan# 3112
 Delta R.T. -0.003 min
 Lab File: VR026734.D
 Acq: 11 Aug 2025 11:47

Tgt Ion: 97 Resp: 70838
 Ion Ratio Lower Upper
 97 100
 83 74.3 67.4 101.2
 85 51.7 40.4 60.6
 99 48.5 46.3 69.5

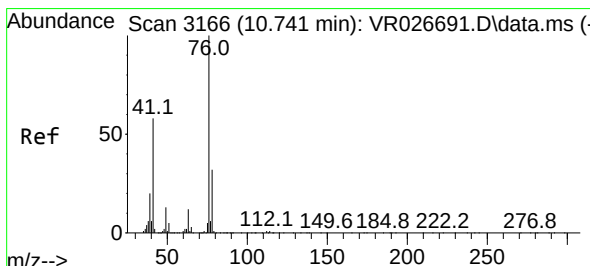
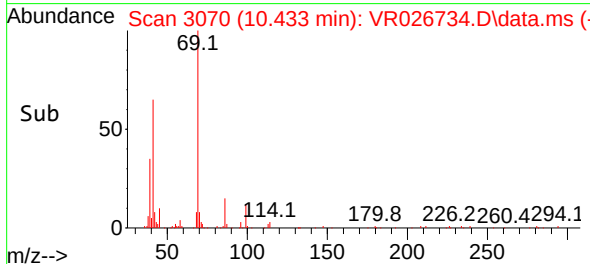
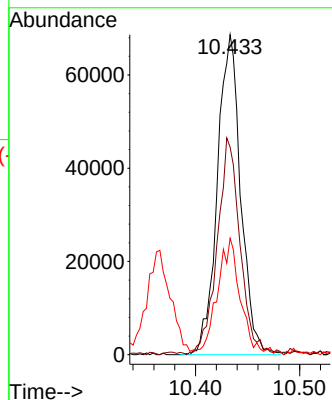
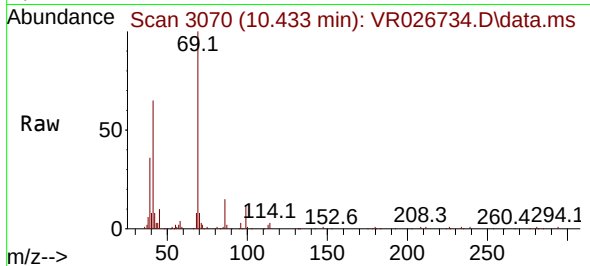




#55
Ethyl methacrylate
Concen: 19.914 ug/l
RT: 10.433 min Scan# 3071
Delta R.T. -0.003 min
Lab File: VR026734.D
Acq: 11 Aug 2025 11:47

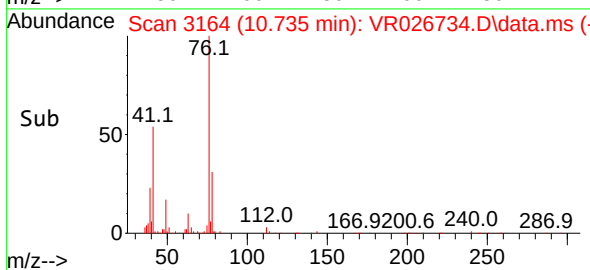
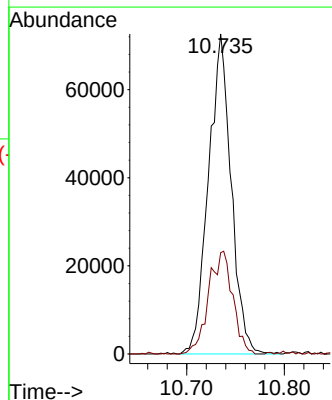
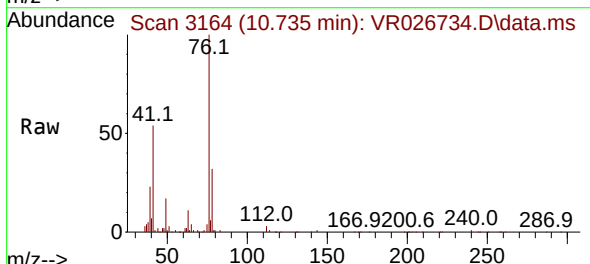
Instrument :
MSVOA_R
ClientSampleId :

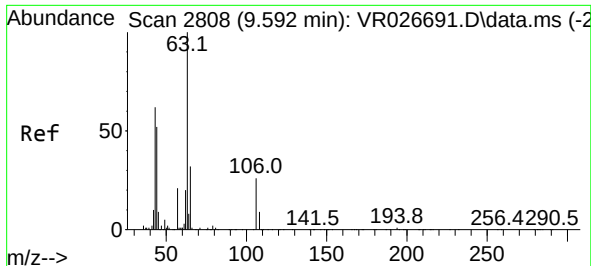
Tgt Ion: 69 Resp: 107146
Ion Ratio Lower Upper
69 100
41 66.0 51.5 77.3
39 33.1 24.7 37.1



#56
1,3-Dichloropropane
Concen: 21.119 ug/l
RT: 10.735 min Scan# 3164
Delta R.T. -0.006 min
Lab File: VR026734.D
Acq: 11 Aug 2025 11:47

Tgt Ion: 76 Resp: 117198
Ion Ratio Lower Upper
76 100
78 34.1 25.8 38.6

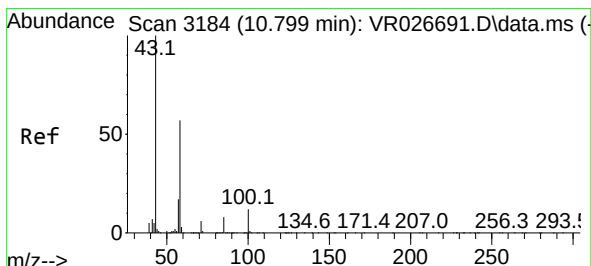
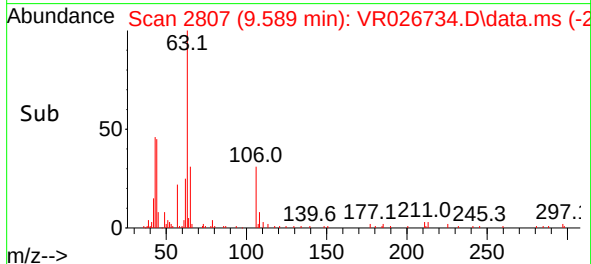
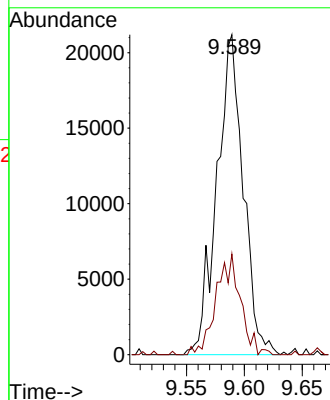
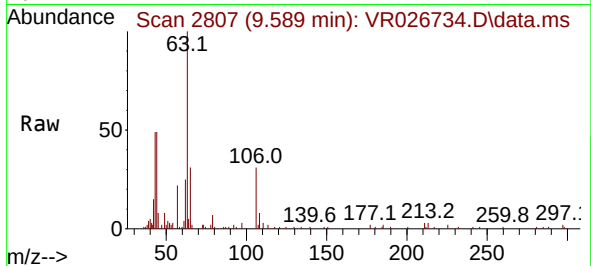




#57
2-Chloroethyl Vinyl ether
Concen: 113.004 ug/l
RT: 9.589 min Scan# 21
Delta R.T. -0.003 min
Lab File: VR026734.D
Acq: 11 Aug 2025 11:47

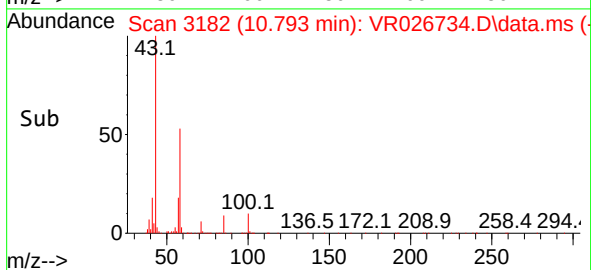
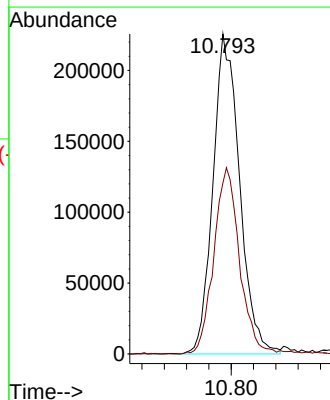
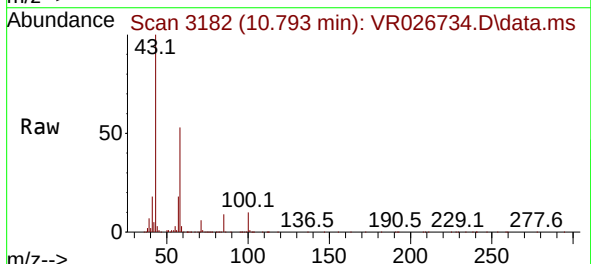
Instrument :
MSVOA_R
ClientSampleId :

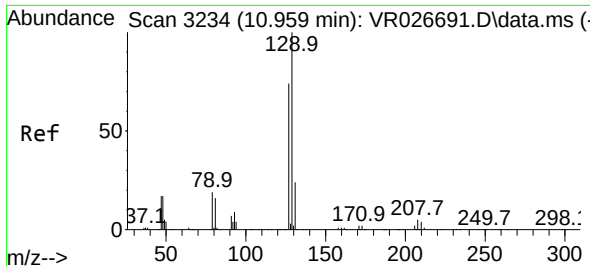
Tgt Ion: 63 Resp: 33600
Ion Ratio Lower Upper
63 100
106 28.9 22.5 33.7



#58
2-Hexanone
Concen: 113.547 ug/l
RT: 10.793 min Scan# 3182
Delta R.T. -0.006 min
Lab File: VR026734.D
Acq: 11 Aug 2025 11:47

Tgt Ion: 43 Resp: 373322
Ion Ratio Lower Upper
43 100
58 56.7 28.8 86.4

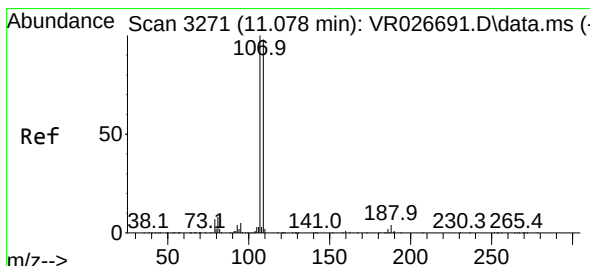
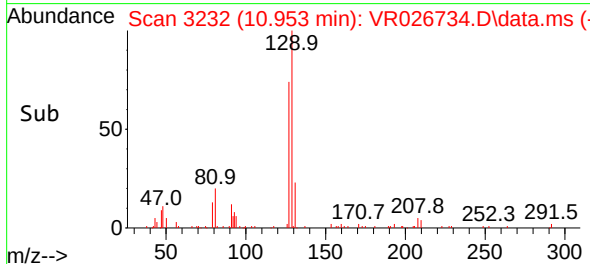
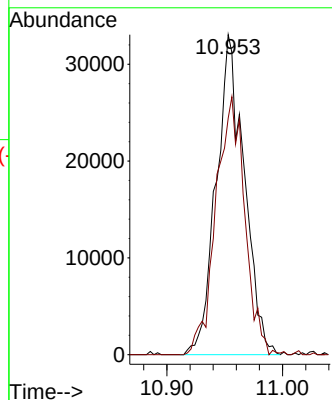
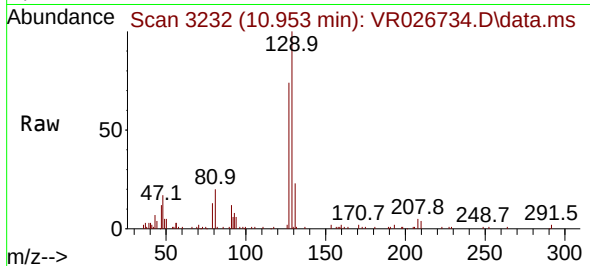




#59
 Dibromochloromethane
 Concen: 20.135 ug/l
 RT: 10.953 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VR026734.D
 Acq: 11 Aug 2025 11:47

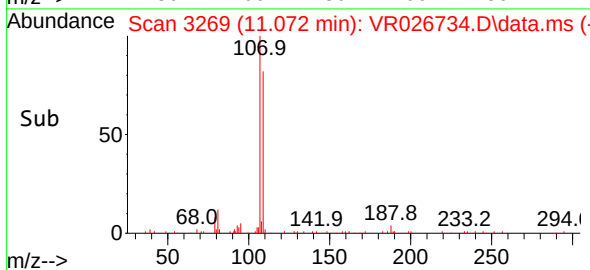
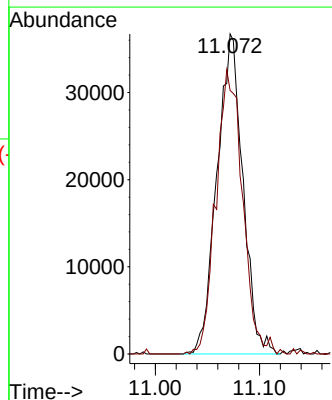
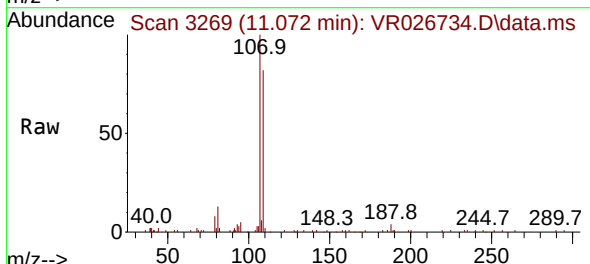
Instrument :
 MSVOA_R
 ClientSampleId :

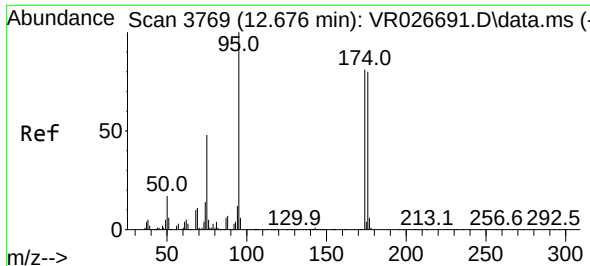
Tgt Ion:129 Resp: 55519
 Ion Ratio Lower Upper
 129 100
 127 83.2 38.9 116.6



#60
 1,2-Dibromoethane
 Concen: 22.632 ug/l
 RT: 11.072 min Scan# 3269
 Delta R.T. -0.006 min
 Lab File: VR026734.D
 Acq: 11 Aug 2025 11:47

Tgt Ion:107 Resp: 63463
 Ion Ratio Lower Upper
 107 100
 109 90.4 75.9 113.9

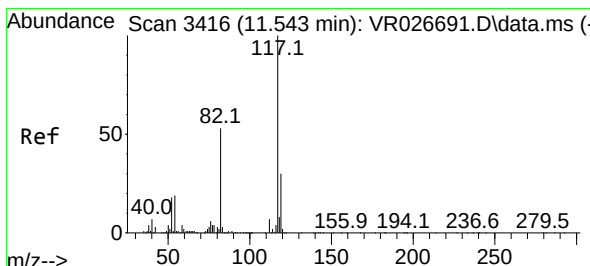
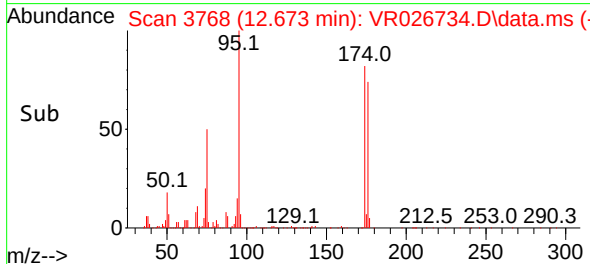
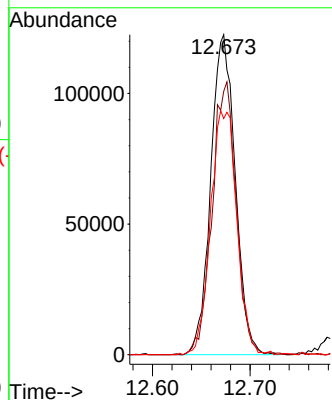
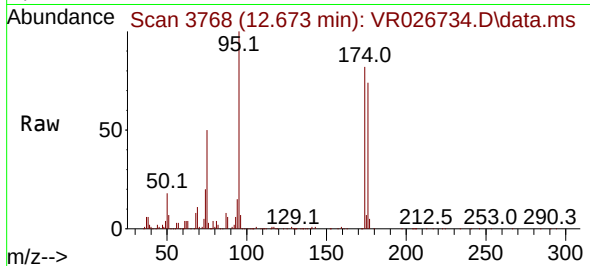




#61
4-Bromofluorobenzene
Concen: 54.447 ug/l
RT: 12.673 min Scan# 31
Delta R.T. -0.003 min
Lab File: VR026734.D
Acq: 11 Aug 2025 11:47

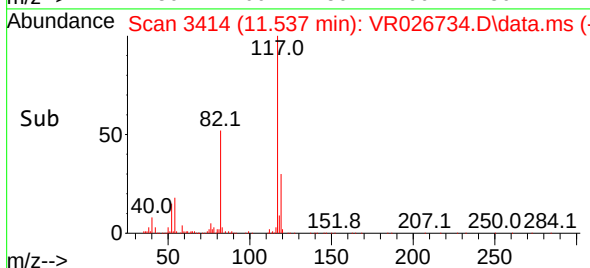
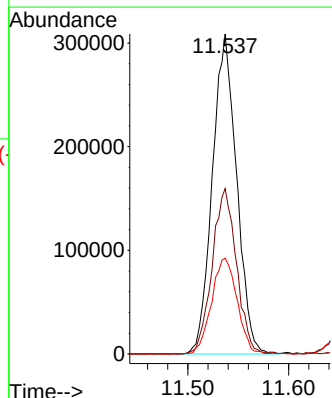
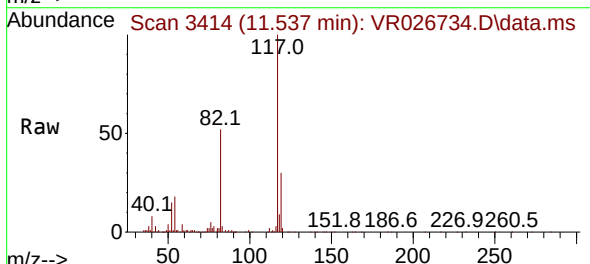
Instrument :
MSVOA_R
ClientSampleId :

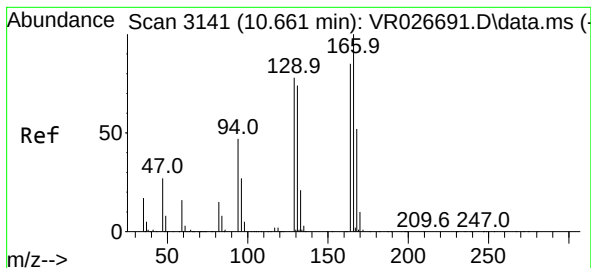
Tgt Ion: 95 Resp: 213423
Ion Ratio Lower Upper
95 100
174 84.2 0.0 158.4
176 81.3 0.0 149.0



#62
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.537 min Scan# 3414
Delta R.T. -0.006 min
Lab File: VR026734.D
Acq: 11 Aug 2025 11:47

Tgt Ion: 117 Resp: 515742
Ion Ratio Lower Upper
117 100
82 51.7 42.0 63.0
119 29.9 23.9 35.9





#63

Tetrachloroethene

Concen: 18.508 ug/l

RT: 10.655 min Scan# 3141

Delta R.T. -0.006 min

Lab File: VR026734.D

Acq: 11 Aug 2025 11:47

Instrument :

MSVOA_R

ClientSampleId :

Tgt Ion:164 Resp: 52146

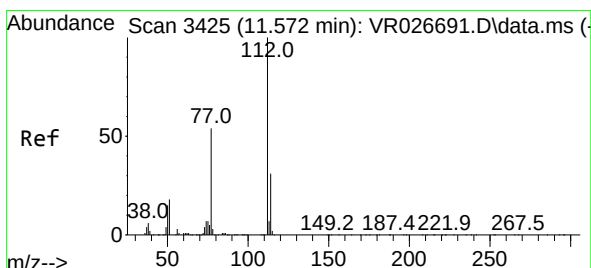
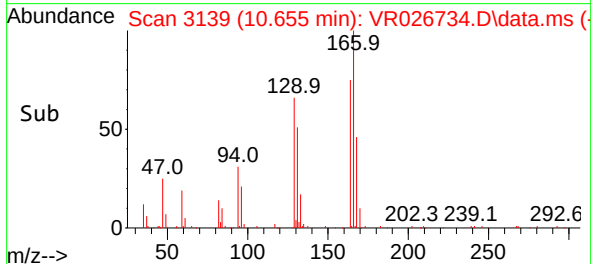
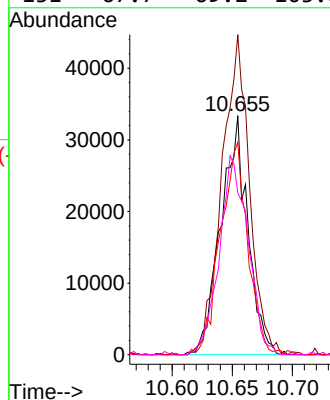
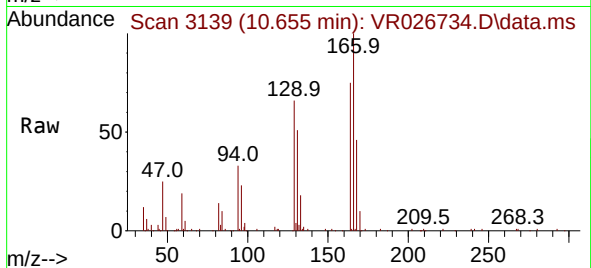
Ion Ratio Lower Upper

164 100

166 132.8 93.7 140.5

129 88.8 73.4 110.2

131 67.7 69.2 103.8#



#64

Chlorobenzene

Concen: 18.988 ug/l

RT: 11.566 min Scan# 3423

Delta R.T. -0.006 min

Lab File: VR026734.D

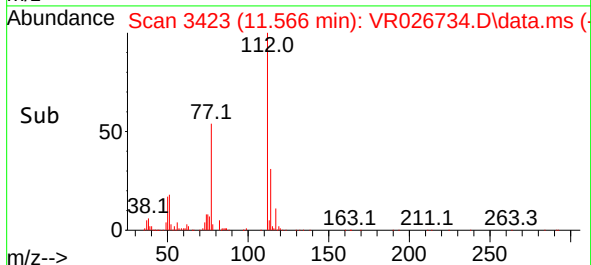
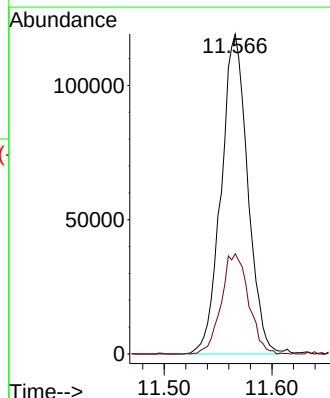
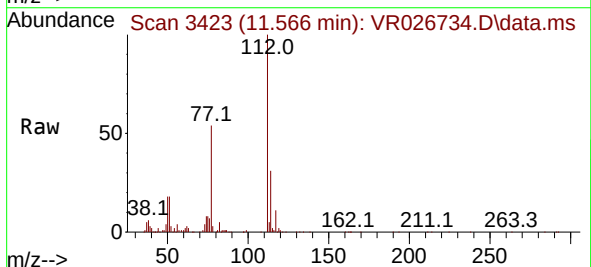
Acq: 11 Aug 2025 11:47

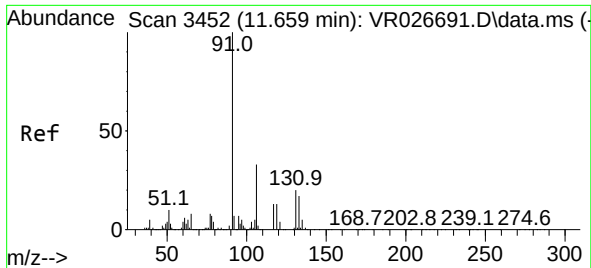
Tgt Ion:112 Resp: 203805

Ion Ratio Lower Upper

112 100

114 31.3 25.0 37.6

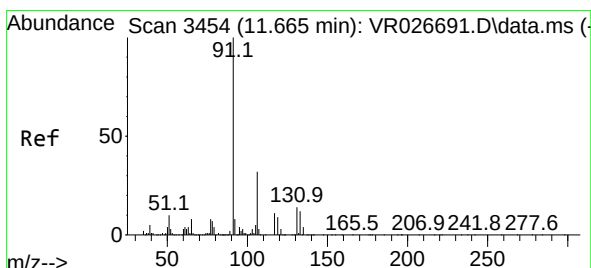
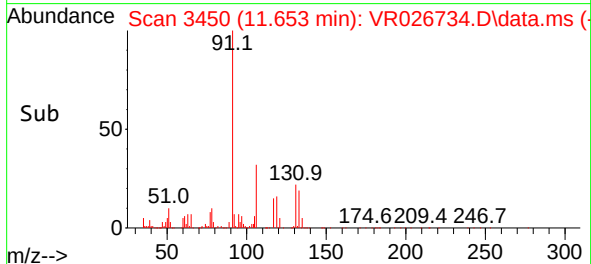
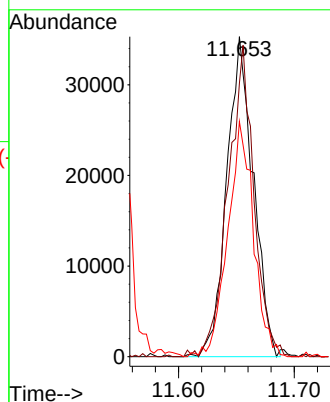
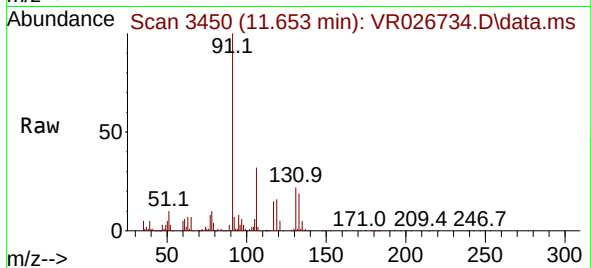




#65
1,1,1,2-Tetrachloroethane
Concen: 19.191 ug/l
RT: 11.653 min Scan# 3450
Delta R.T. -0.006 min
Lab File: VR026734.D
Acq: 11 Aug 2025 11:47

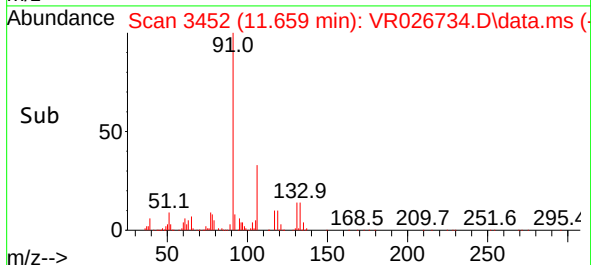
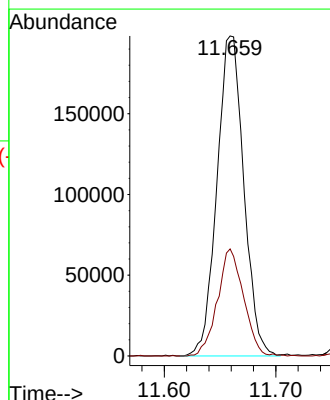
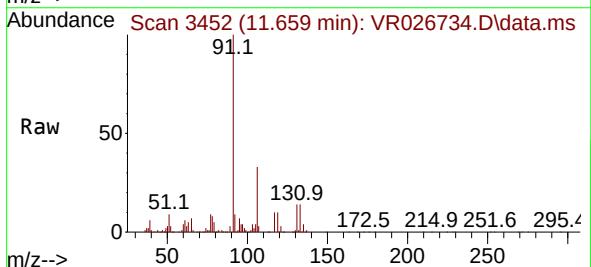
Instrument :
MSVOA_R
ClientSampleId :

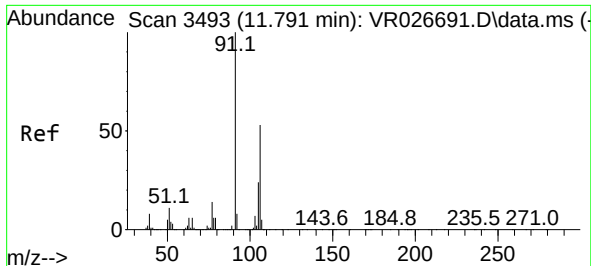
Tgt Ion:131 Resp: 56262
Ion Ratio Lower Upper
131 100
133 94.4 46.2 138.5
119 71.3 35.7 107.1



#66
Ethyl Benzene
Concen: 18.461 ug/l
RT: 11.659 min Scan# 3452
Delta R.T. -0.006 min
Lab File: VR026734.D
Acq: 11 Aug 2025 11:47

Tgt Ion: 91 Resp: 330857
Ion Ratio Lower Upper
91 100
106 33.5 25.4 38.0

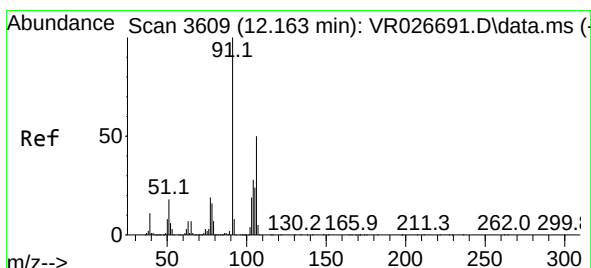
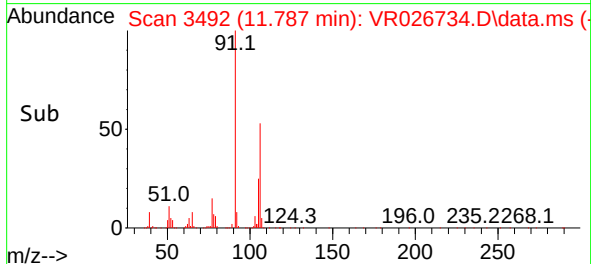
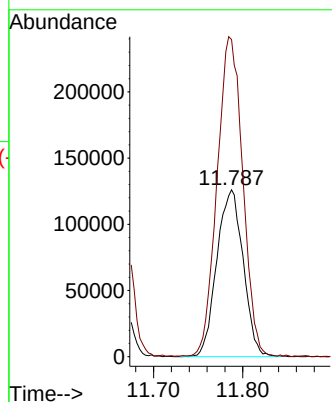
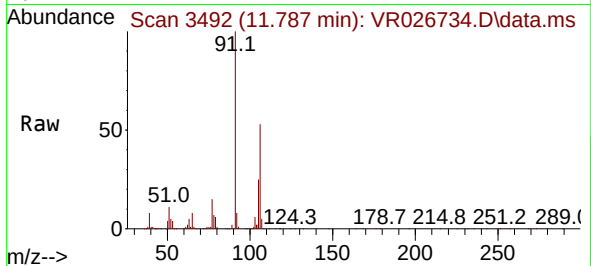




#67
m/p-Xylenes
Concen: 36.064 ug/l
RT: 11.787 min Scan# 3493
Delta R.T. -0.003 min
Lab File: VR026734.D
Acq: 11 Aug 2025 11:47

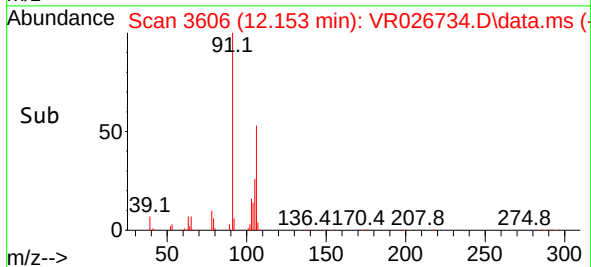
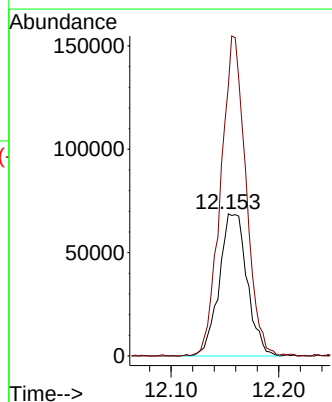
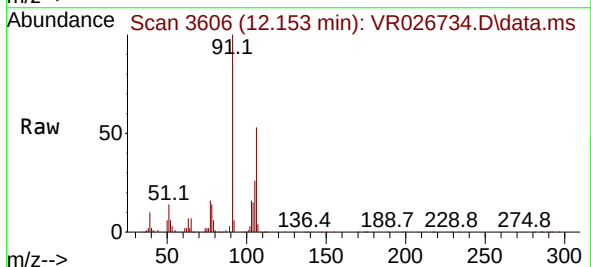
Instrument :
MSVOA_R
ClientSampleId :

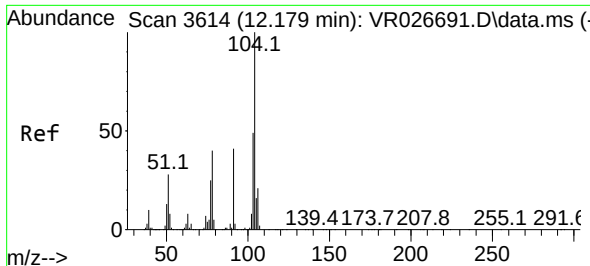
Tgt Ion:106 Resp: 258226
Ion Ratio Lower Upper
106 100
91 186.4 146.8 220.2



#68
o-Xylene
Concen: 17.817 ug/l
RT: 12.153 min Scan# 3606
Delta R.T. -0.010 min
Lab File: VR026734.D
Acq: 11 Aug 2025 11:47

Tgt Ion:106 Resp: 123837
Ion Ratio Lower Upper
106 100
91 202.9 97.9 293.6

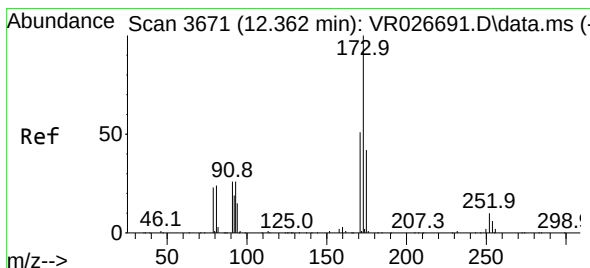
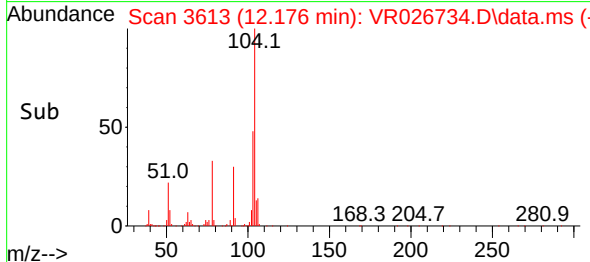
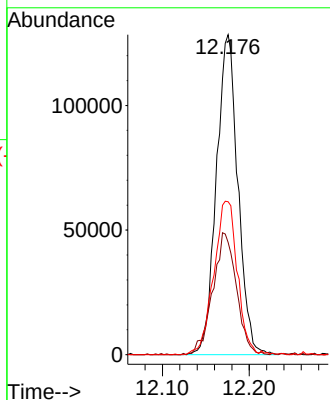
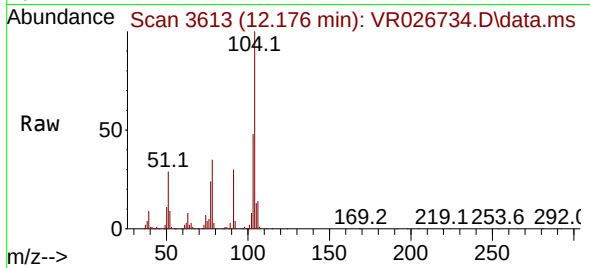




#69
Styrene
Concen: 19.054 ug/l
RT: 12.176 min Scan# 3613
Delta R.T. -0.003 min
Lab File: VR026734.D
Acq: 11 Aug 2025 11:47

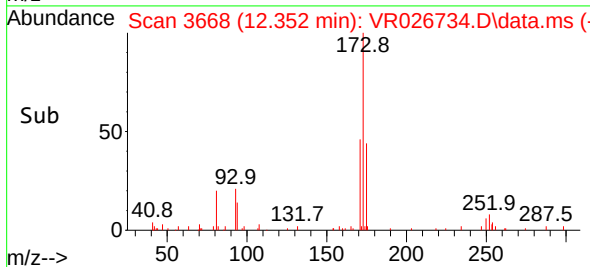
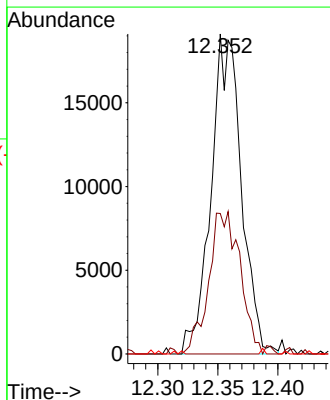
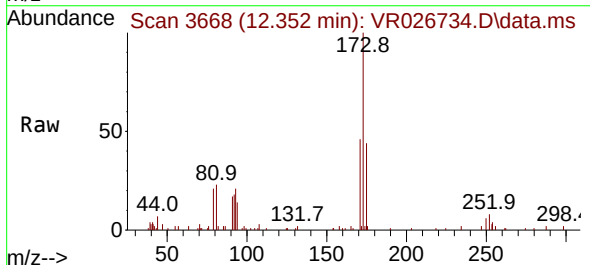
Instrument :
MSVOA_R
ClientSampleId :

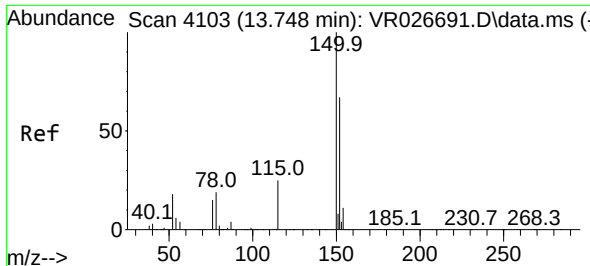
Tgt Ion:104 Resp: 221315
Ion Ratio Lower Upper
104 100
78 41.6 34.5 51.7
103 52.3 43.2 64.8



#70
Bromoform
Concen: 20.269 ug/l
RT: 12.352 min Scan# 3668
Delta R.T. -0.010 min
Lab File: VR026734.D
Acq: 11 Aug 2025 11:47

Tgt Ion:173 Resp: 33630
Ion Ratio Lower Upper
173 100
175 45.8 23.6 71.0
254 0.0 0.1 0.1#

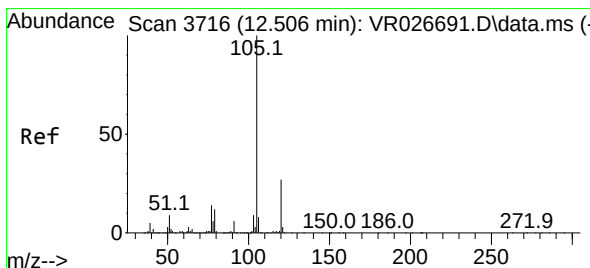
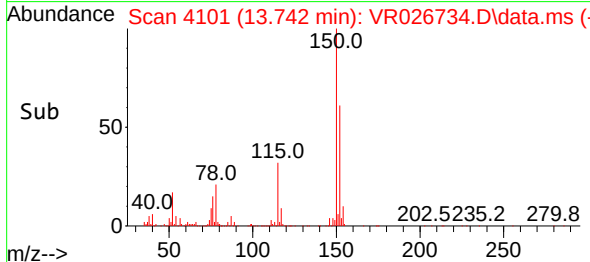
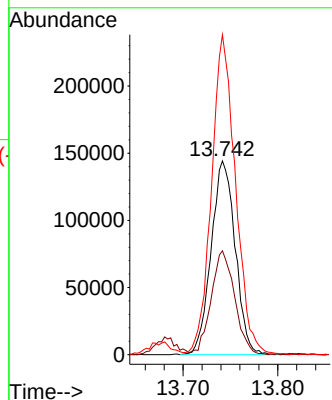
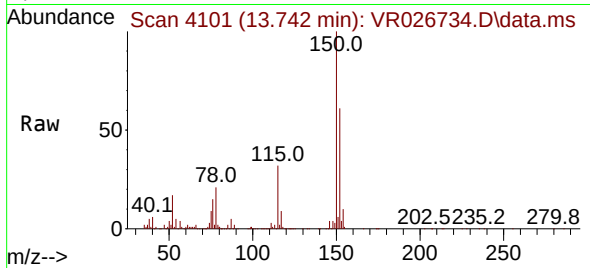




#71
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.742 min Scan# 4103
 Delta R.T. -0.006 min
 Lab File: VR026734.D
 Acq: 11 Aug 2025 11:47

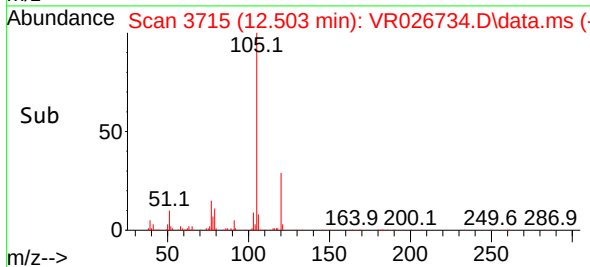
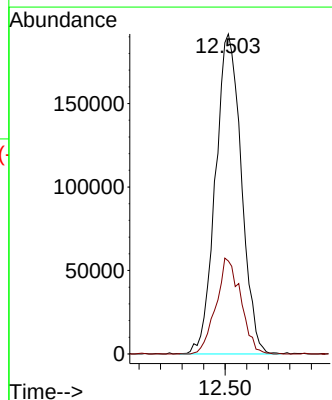
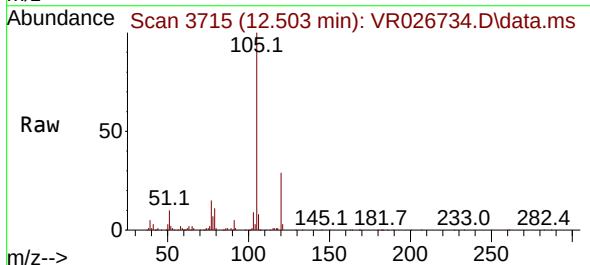
Instrument :
 MSVOA_R
 ClientSampleId :

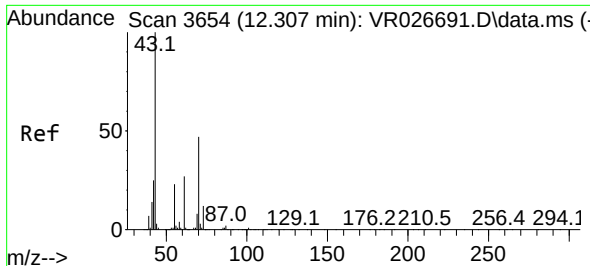
Tgt Ion:152 Resp: 255172
 Ion Ratio Lower Upper
 152 100
 115 52.3 27.8 83.4
 150 164.2 0.0 350.4



#72
 Isopropylbenzene
 Concen: 17.547 ug/l
 RT: 12.503 min Scan# 3715
 Delta R.T. -0.003 min
 Lab File: VR026734.D
 Acq: 11 Aug 2025 11:47

Tgt Ion:105 Resp: 319142
 Ion Ratio Lower Upper
 105 100
 120 28.6 14.2 42.8



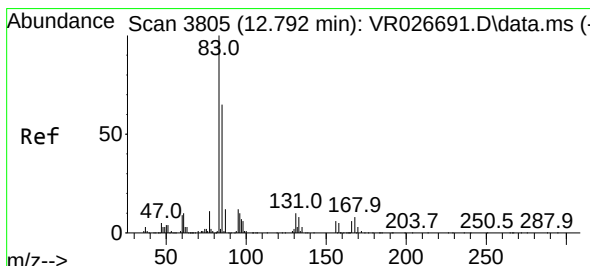
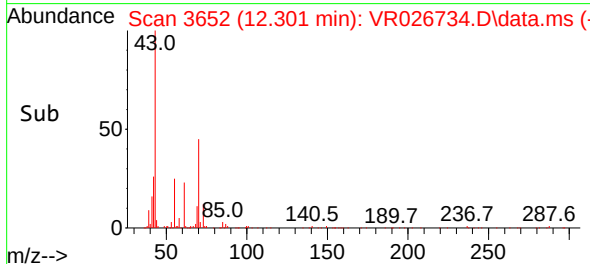
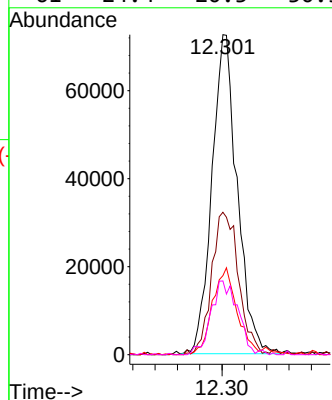
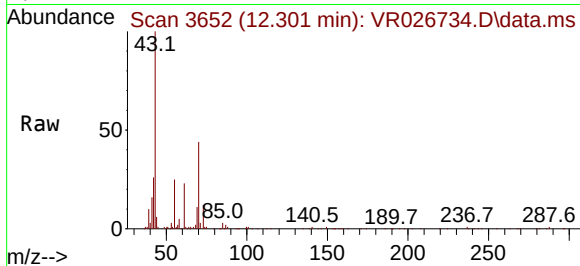


#73
N-amy1 acetate
Concen: 15.792 ug/l
RT: 12.301 min Scan# 30
Delta R.T. -0.006 min
Lab File: VR026734.D
Acq: 11 Aug 2025 11:47

Instrument :
MSVOA_R
ClientSampleId :

Tgt Ion: 43 Resp: 113883

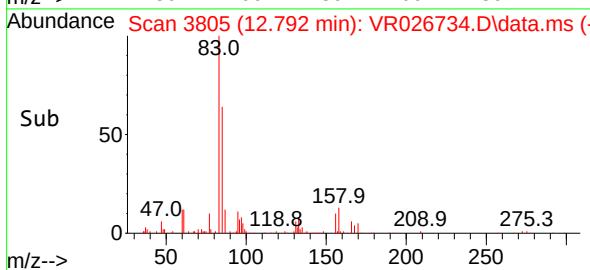
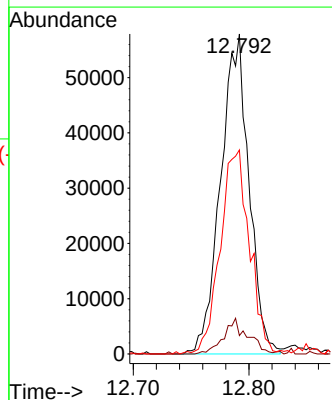
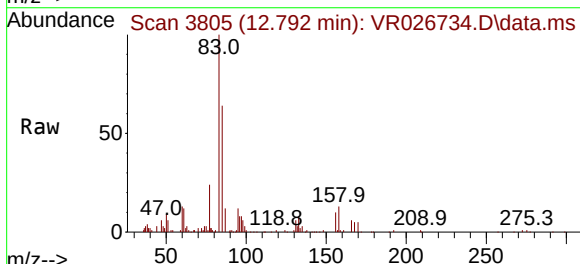
Ion	Ratio	Lower	Upper
43	100		
70	47.7	36.4	54.6
55	26.5	18.7	28.1
61	24.4	20.3	30.5

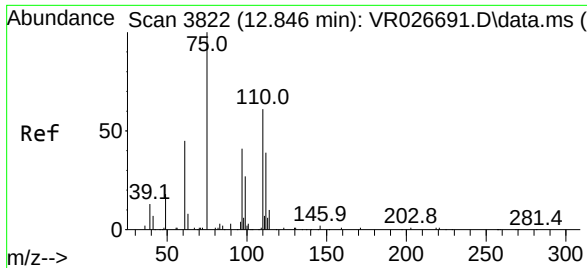


#74
1,1,2,2-Tetrachloroethane
Concen: 18.455 ug/l
RT: 12.792 min Scan# 3805
Delta R.T. -0.000 min
Lab File: VR026734.D
Acq: 11 Aug 2025 11:47

Tgt Ion: 83 Resp: 98479

Ion	Ratio	Lower	Upper
83	100		
131	9.4	4.2	12.4
85	65.7	32.3	96.8

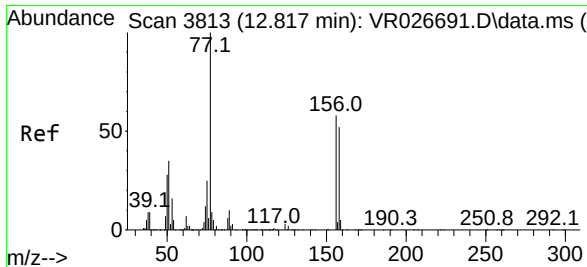
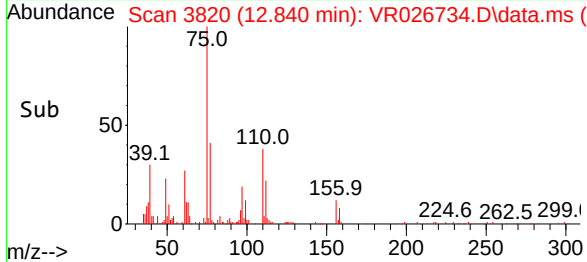
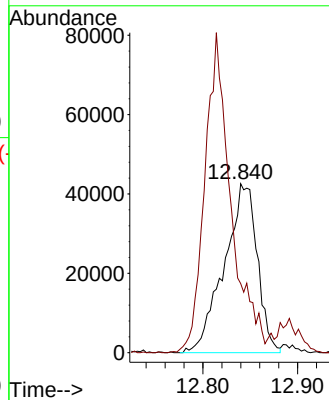
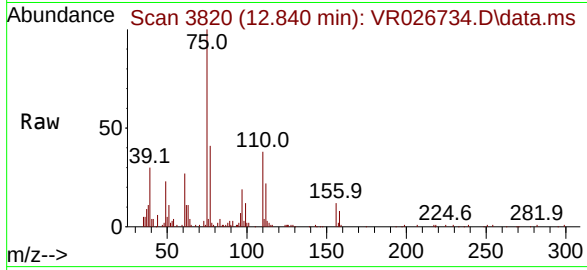




#75
1,2,3-Trichloropropane
Concen: 24.413 ug/l
RT: 12.840 min Scan# 3822
Delta R.T. -0.006 min
Lab File: VR026734.D
Acq: 11 Aug 2025 11:47

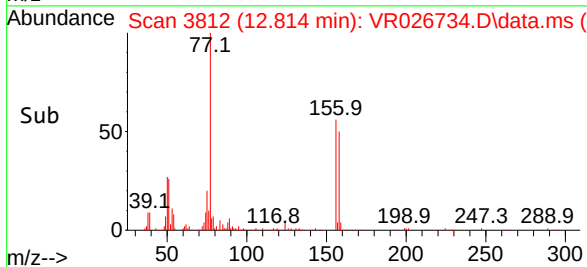
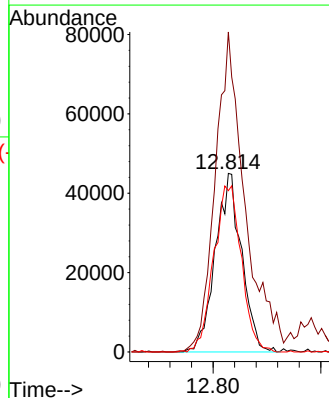
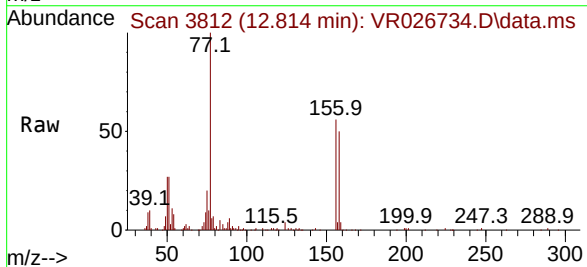
Instrument :
MSVOA_R
ClientSampleId :

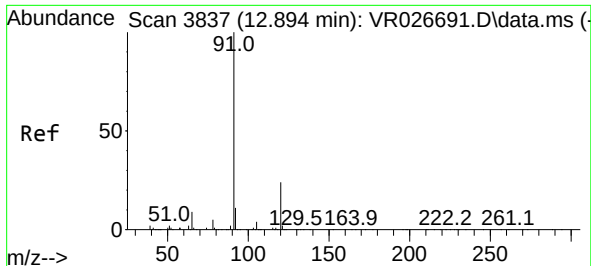
Tgt Ion: 75 Resp: 103262
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#76
Bromobenzene
Concen: 18.075 ug/l
RT: 12.814 min Scan# 3812
Delta R.T. -0.003 min
Lab File: VR026734.D
Acq: 11 Aug 2025 11:47

Tgt Ion:156 Resp: 76075
Ion Ratio Lower Upper
156 100
77 202.6 105.5 316.4
158 98.4 46.4 139.1

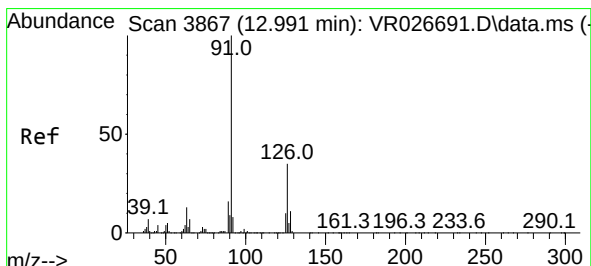
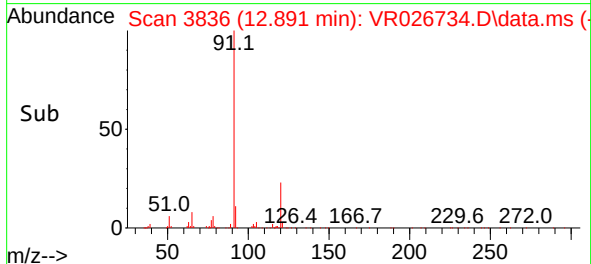
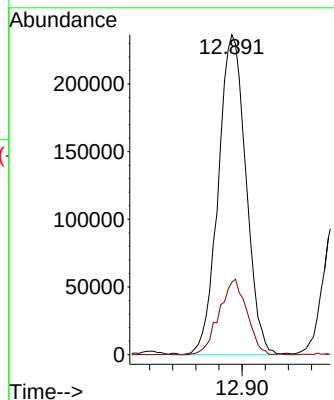
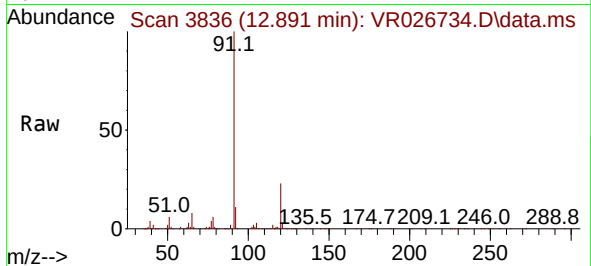




#77
n-propylbenzene
Concen: 18.066 ug/l
RT: 12.891 min Scan# 3836
Delta R.T. -0.003 min
Lab File: VR026734.D
Acq: 11 Aug 2025 11:47

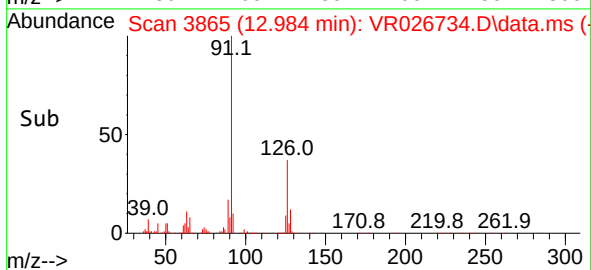
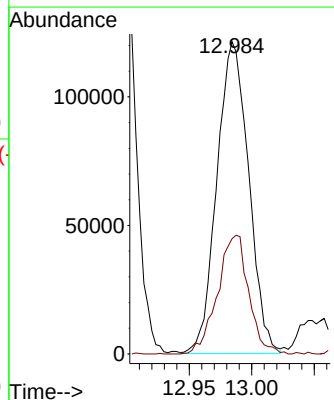
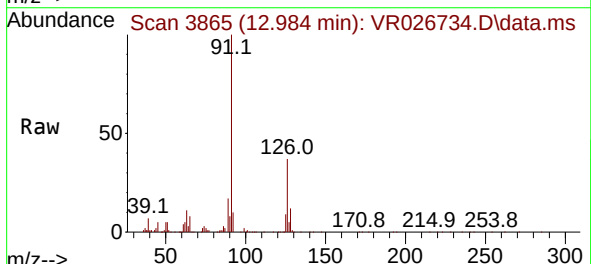
Instrument :
MSVOA_R
ClientSampleId :

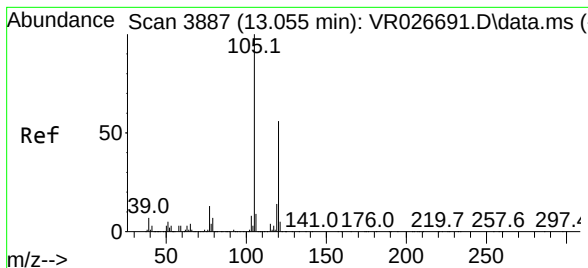
Tgt Ion: 91 Resp: 392004
Ion Ratio Lower Upper
91 100
120 23.6 11.9 35.9



#78
2-Chlorotoluene
Concen: 17.468 ug/l
RT: 12.984 min Scan# 3865
Delta R.T. -0.006 min
Lab File: VR026734.D
Acq: 11 Aug 2025 11:47

Tgt Ion: 91 Resp: 215048
Ion Ratio Lower Upper
91 100
126 37.2 17.5 52.6





#79

1,3,5-Trimethylbenzene

Concen: 17.778 ug/l

RT: 13.048 min Scan# 3885

Delta R.T. -0.006 min

Lab File: VR026734.D

Acq: 11 Aug 2025 11:47

Instrument :

MSVOA_R

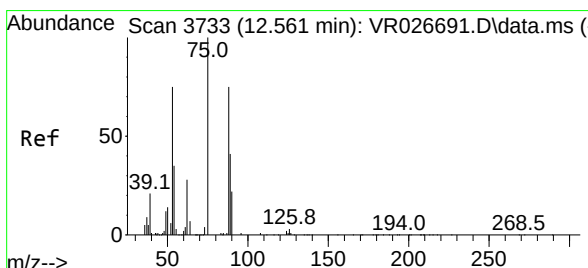
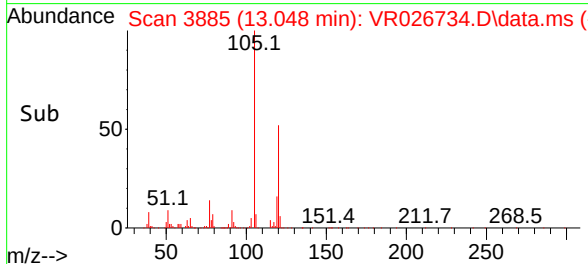
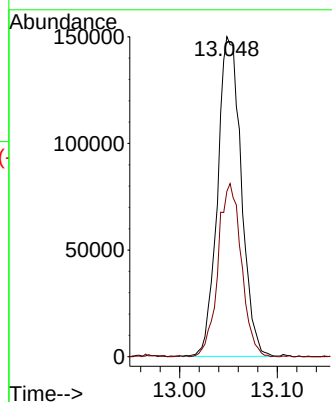
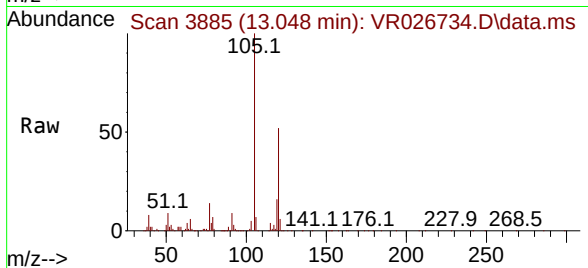
ClientSampleId :

Tgt Ion:105 Resp: 252844

Ion Ratio Lower Upper

105 100

120 53.3 26.6 79.7



#80

trans-1,4-Dichloro-2-butene

Concen: 13.168 ug/l

RT: 12.557 min Scan# 3732

Delta R.T. -0.003 min

Lab File: VR026734.D

Acq: 11 Aug 2025 11:47

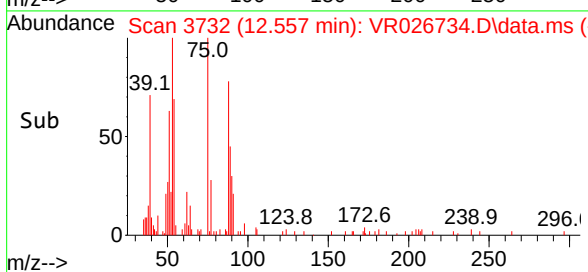
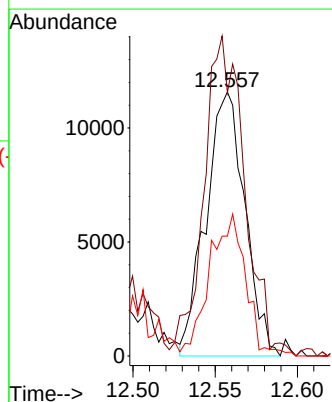
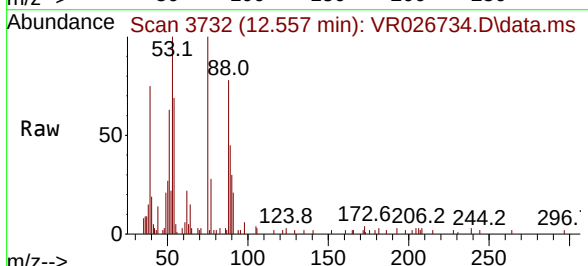
Tgt Ion: 75 Resp: 19123

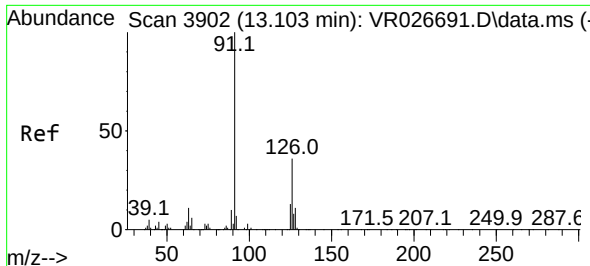
Ion Ratio Lower Upper

75 100

53 119.5 67.8 101.6#

89 49.7 34.6 52.0

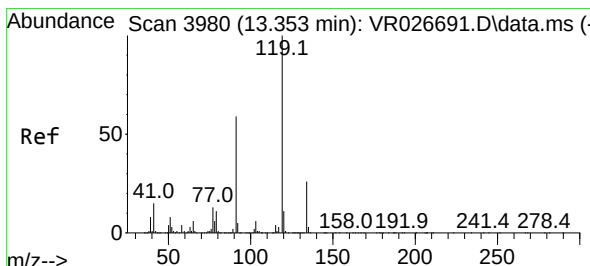
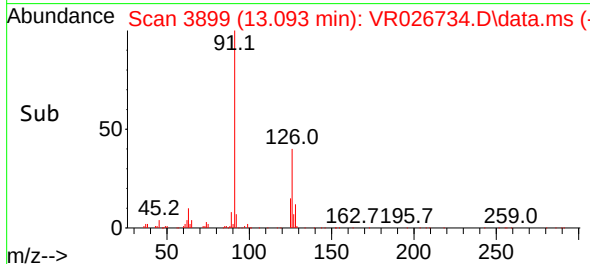
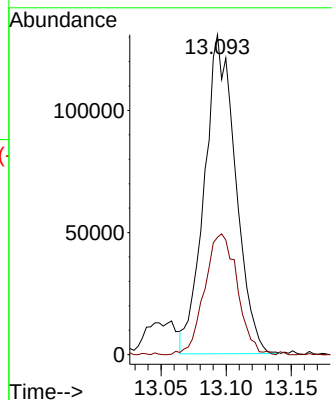
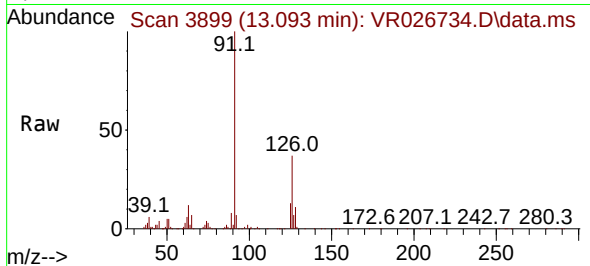




#81
4-Chlorotoluene
Concen: 17.334 ug/l
RT: 13.093 min Scan# 3902
Delta R.T. -0.010 min
Lab File: VR026734.D
Acq: 11 Aug 2025 11:47

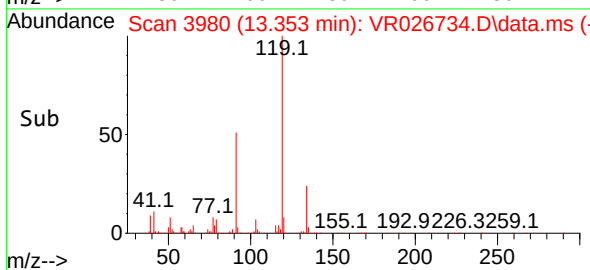
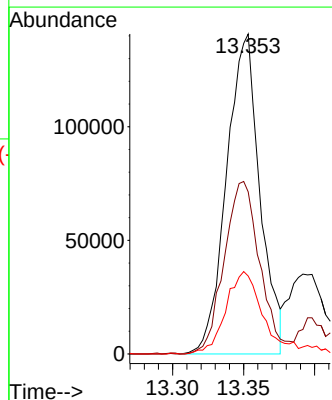
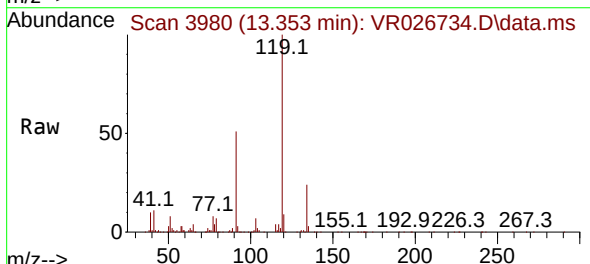
Instrument :
MSVOA_R
ClientSampleId :

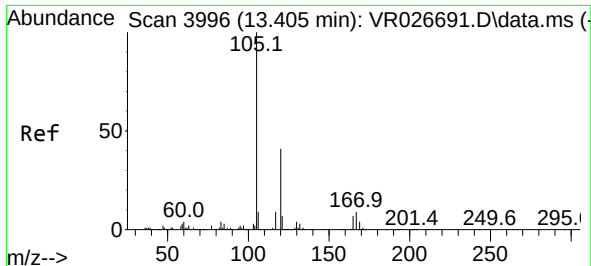
Tgt Ion: 91 Resp: 218004
Ion Ratio Lower Upper
91 100
126 39.6 17.8 53.3



#82
tert-Butylbenzene
Concen: 17.810 ug/l
RT: 13.353 min Scan# 3980
Delta R.T. 0.000 min
Lab File: VR026734.D
Acq: 11 Aug 2025 11:47

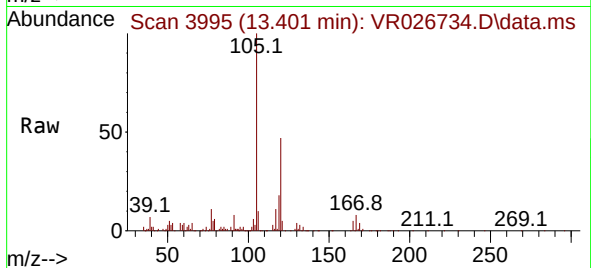
Tgt Ion: 119 Resp: 230392
Ion Ratio Lower Upper
119 100
91 57.6 29.9 89.7
134 28.5 13.5 40.4



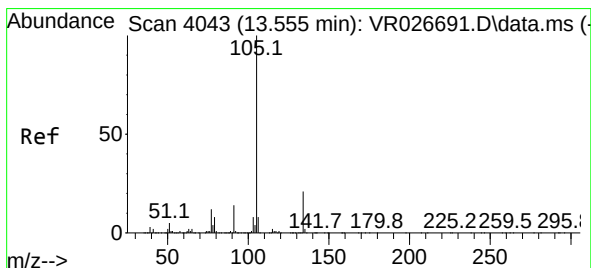
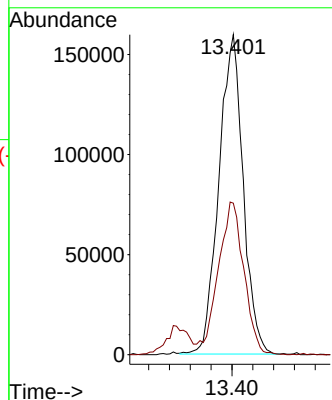
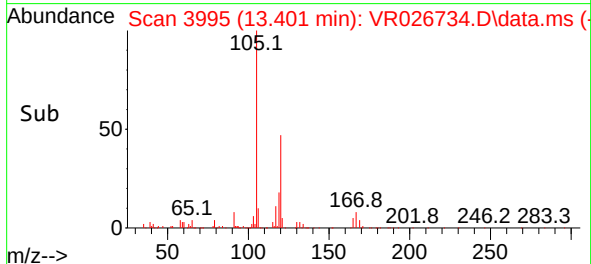


#83
1,2,4-Trimethylbenzene
Concen: 18.346 ug/l
RT: 13.401 min Scan# 3995
Delta R.T. -0.003 min
Lab File: VR026734.D
Acq: 11 Aug 2025 11:47

Instrument :
MSVOA_R
ClientSampleId :

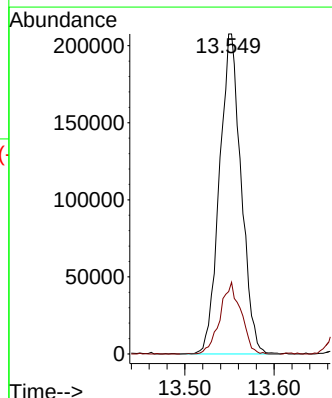
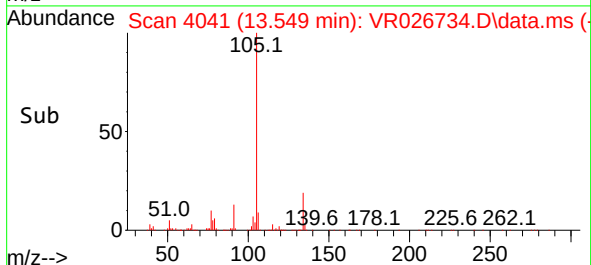
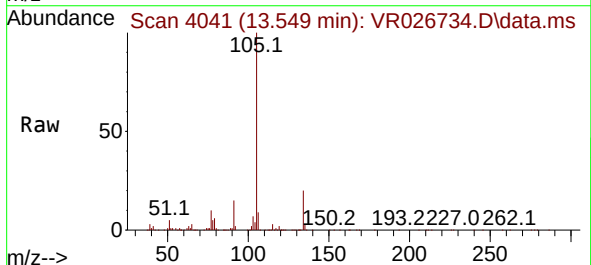


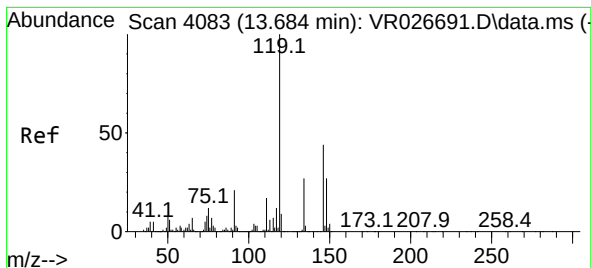
Tgt Ion:105 Resp: 258284
Ion Ratio Lower Upper
105 100
120 50.7 25.0 75.0



#84
sec-Butylbenzene
Concen: 18.275 ug/l
RT: 13.549 min Scan# 4041
Delta R.T. -0.006 min
Lab File: VR026734.D
Acq: 11 Aug 2025 11:47

Tgt Ion:105 Resp: 350605
Ion Ratio Lower Upper
105 100
134 21.7 10.4 31.1





#85

p-Isopropyltoluene

Concen: 18.386 ug/l

RT: 13.684 min Scan# 4083

Delta R.T. 0.000 min

Lab File: VR026734.D

Acq: 11 Aug 2025 11:47

Instrument :

MSVOA_R

ClientSampleId :

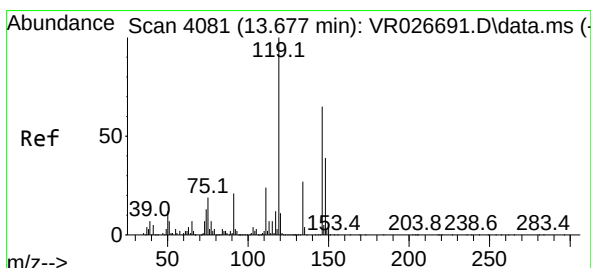
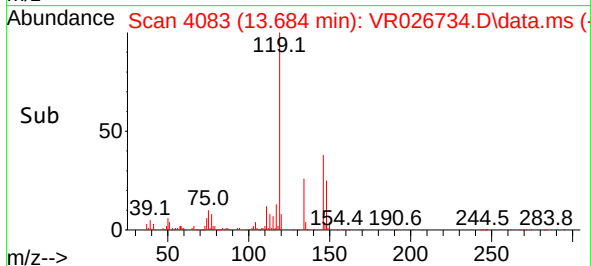
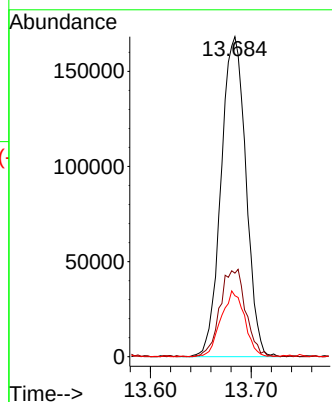
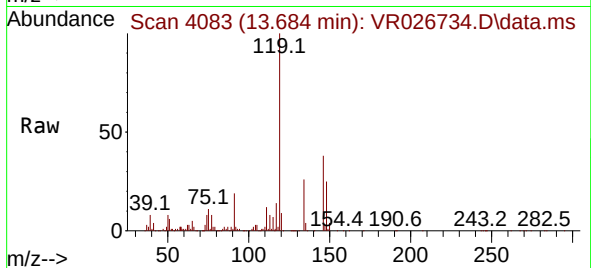
Tgt Ion:119 Resp: 287598

Ion Ratio Lower Upper

119 100

134 28.4 13.9 41.7

91 19.7 10.4 31.2



#86

1,3-Dichlorobenzene

Concen: 19.241 ug/l

RT: 13.671 min Scan# 4079

Delta R.T. -0.006 min

Lab File: VR026734.D

Acq: 11 Aug 2025 11:47

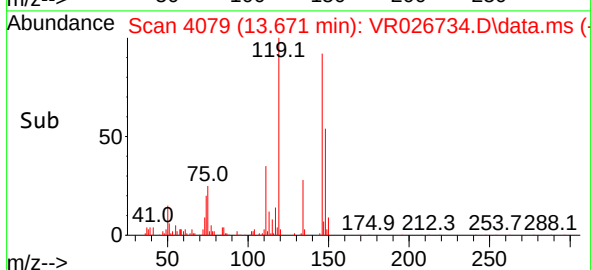
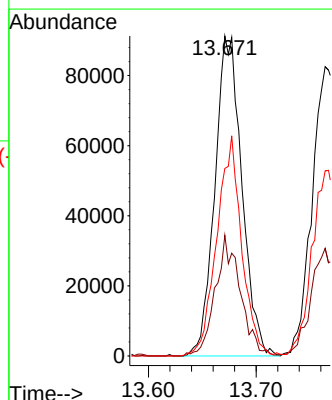
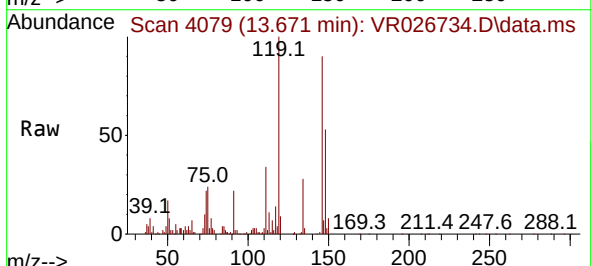
Tgt Ion:146 Resp: 158770

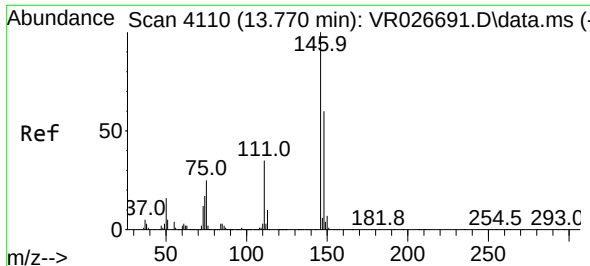
Ion Ratio Lower Upper

146 100

111 35.0 19.4 58.2

148 63.2 31.4 94.3

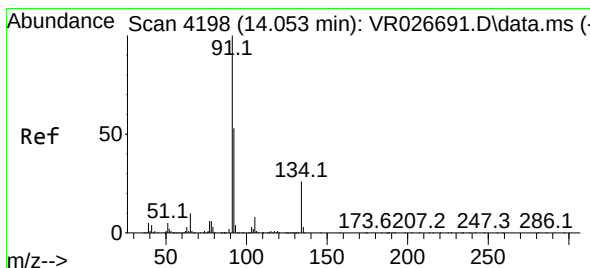
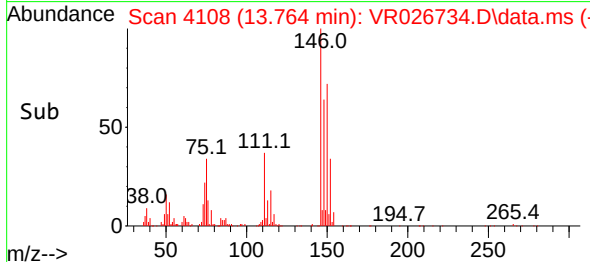
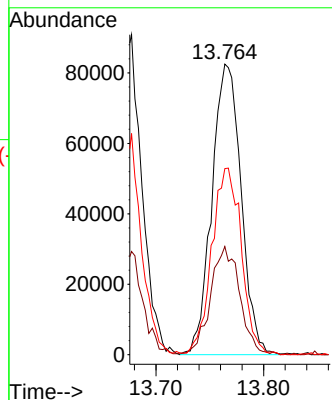
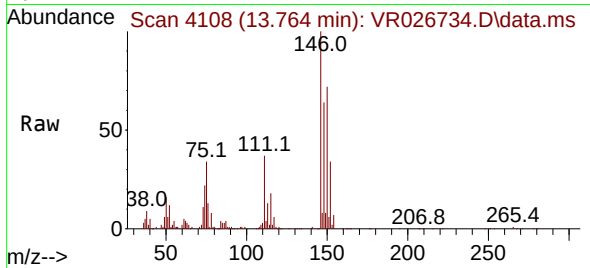




#87
1,4-Dichlorobenzene
Concen: 18.820 ug/l
RT: 13.764 min Scan# 4110
Delta R.T. -0.006 min
Lab File: VR026734.D
Acq: 11 Aug 2025 11:47

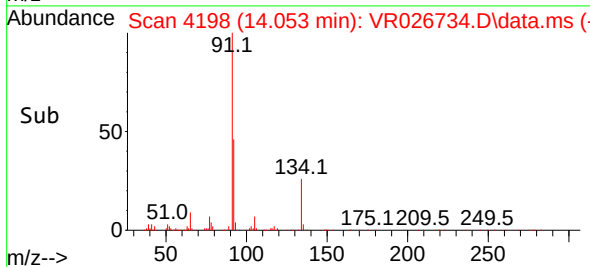
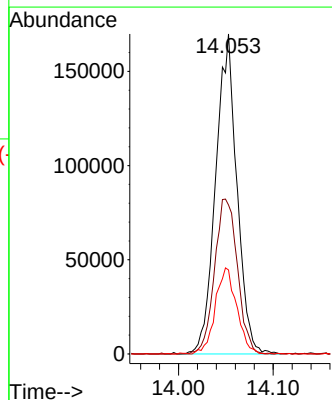
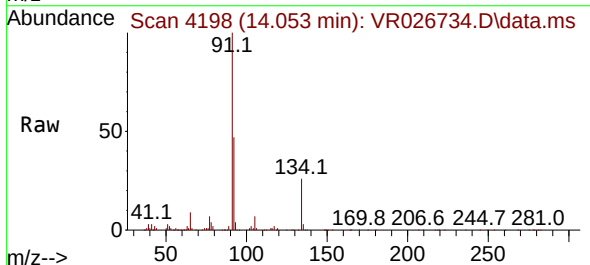
Instrument :
MSVOA_R
ClientSampleId :

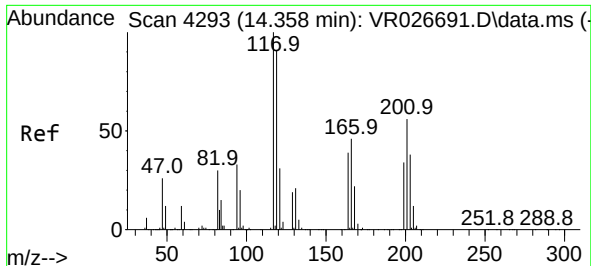
Tgt Ion:146 Resp: 155870
Ion Ratio Lower Upper
146 100
111 37.3 19.1 57.3
148 64.7 32.6 97.8



#88
n-Butylbenzene
Concen: 18.356 ug/l
RT: 14.053 min Scan# 4198
Delta R.T. -0.000 min
Lab File: VR026734.D
Acq: 11 Aug 2025 11:47

Tgt Ion: 91 Resp: 264640
Ion Ratio Lower Upper
91 100
92 52.2 27.1 81.2
134 27.1 13.1 39.3

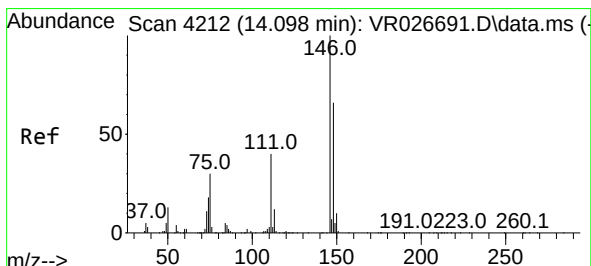
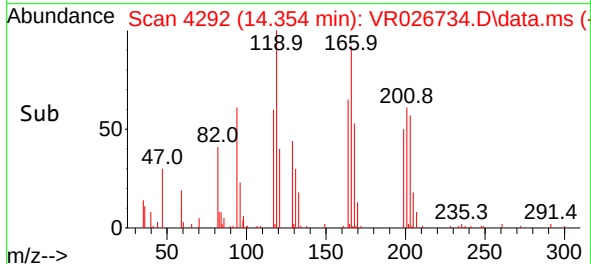
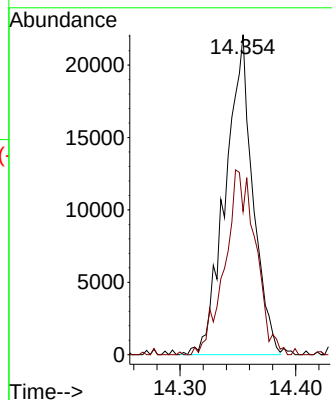
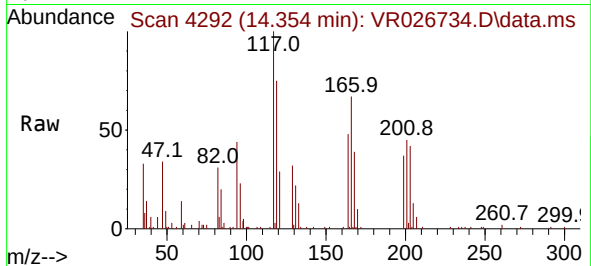




#89
Hexachloroethane
Concen: 16.217 ug/l
RT: 14.354 min Scan# 41
Delta R.T. -0.003 min
Lab File: VR026734.D
Acq: 11 Aug 2025 11:47

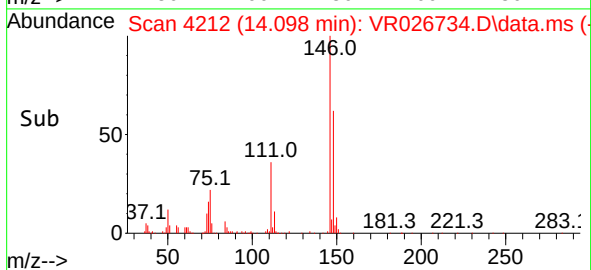
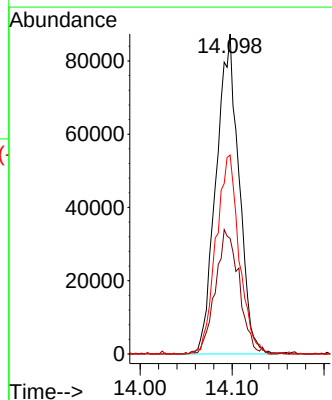
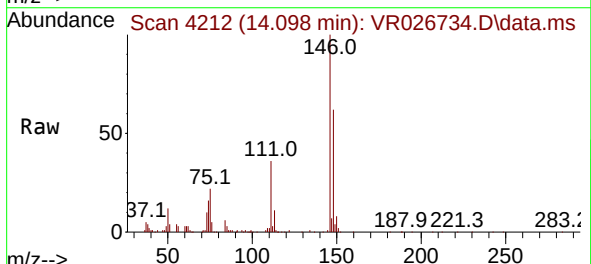
Instrument :
MSVOA_R
ClientSampleId :

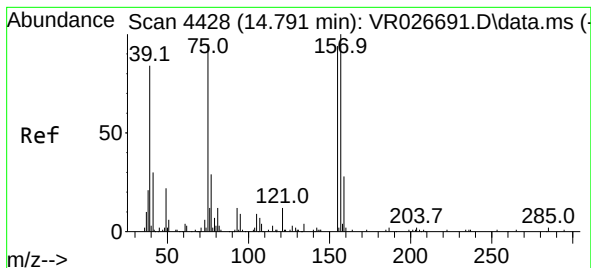
Tgt Ion:117 Resp: 36427
Ion Ratio Lower Upper
117 100
201 65.1 30.6 92.0



#90
1,2-Dichlorobenzene
Concen: 19.452 ug/l
RT: 14.098 min Scan# 4212
Delta R.T. 0.000 min
Lab File: VR026734.D
Acq: 11 Aug 2025 11:47

Tgt Ion:146 Resp: 150756
Ion Ratio Lower Upper
146 100
111 40.5 20.0 60.0
148 63.0 32.4 97.0

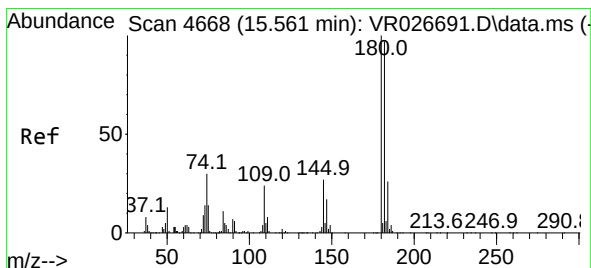
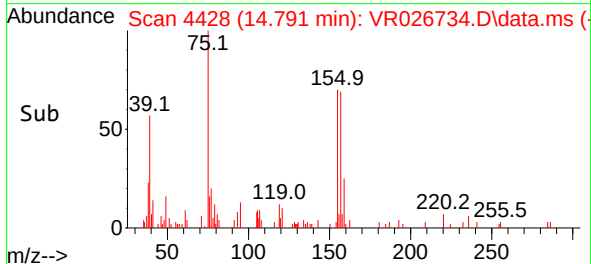
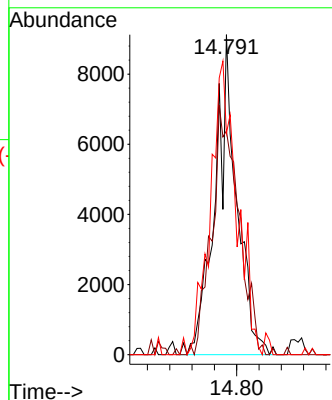
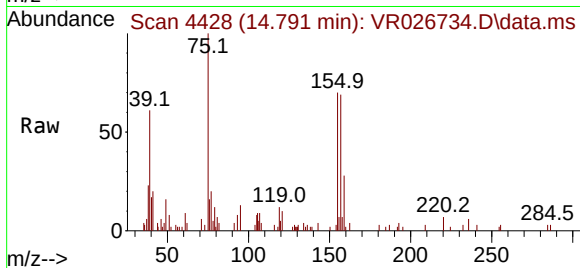




#91
 1,2-Dibromo-3-Chloropropane
 Concen: 17.460 ug/l
 RT: 14.791 min Scan# 4428
 Delta R.T. 0.000 min
 Lab File: VR026734.D
 Acq: 11 Aug 2025 11:47

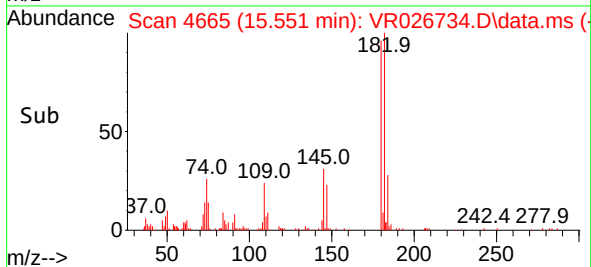
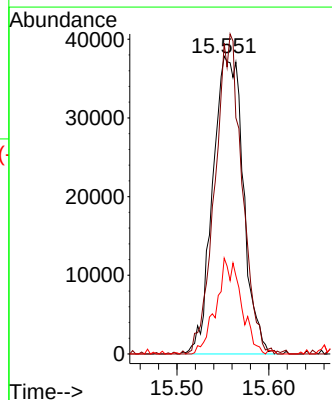
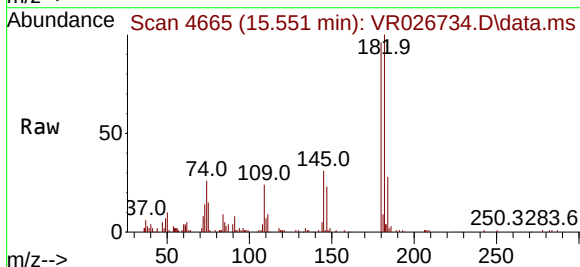
Instrument :
 MSVOA_R
 ClientSampleId :

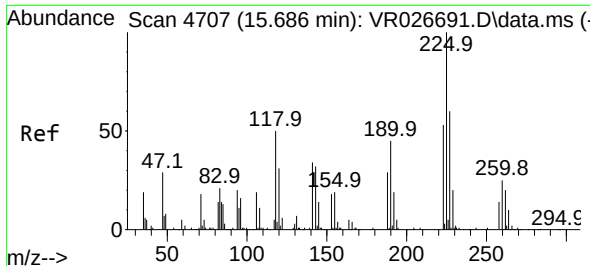
Tgt Ion: 75 Resp: 12407
 Ion Ratio Lower Upper
 75 100
 155 95.4 48.0 144.2
 157 109.9 59.5 178.4



#92
 1,2,4-Trichlorobenzene
 Concen: 18.800 ug/l
 RT: 15.551 min Scan# 4665
 Delta R.T. -0.010 min
 Lab File: VR026734.D
 Acq: 11 Aug 2025 11:47

Tgt Ion: 180 Resp: 87125
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.0 141.0
 145 15.1 15.2 45.5#

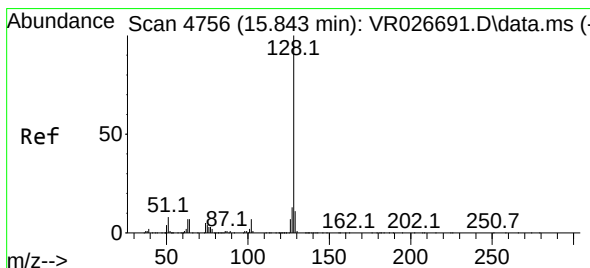
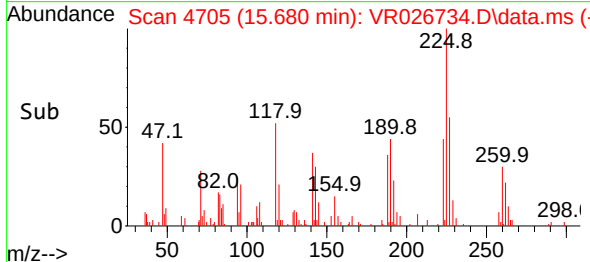
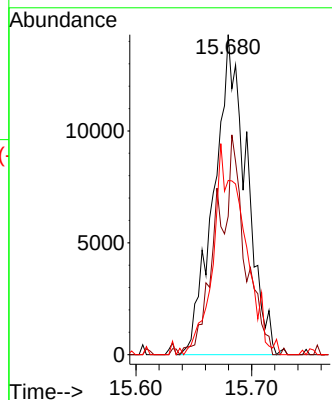
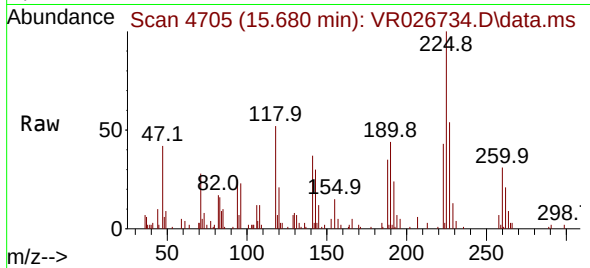




#93
Hexachlorobutadiene
Concen: 18.541 ug/l
RT: 15.680 min Scan# 4707
Delta R.T. -0.006 min
Lab File: VR026734.D
Acq: 11 Aug 2025 11:47

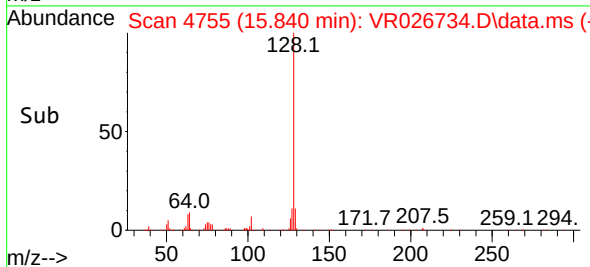
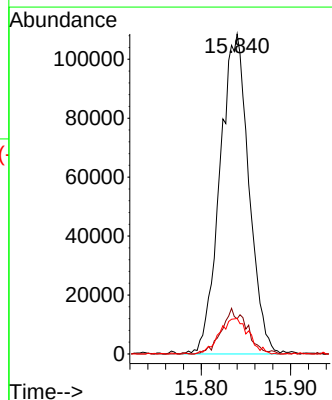
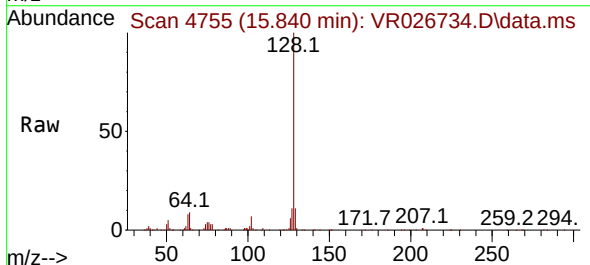
Instrument :
MSVOA_R
ClientSampleId :

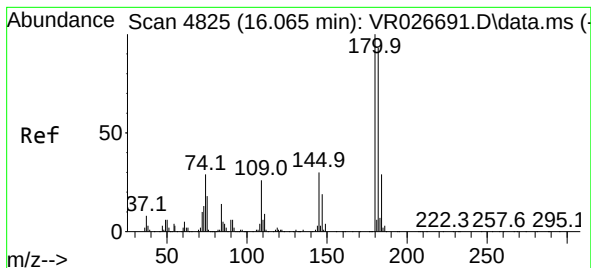
Tgt Ion:225 Resp: 27917
Ion Ratio Lower Upper
225 100
223 35.9 31.4 94.2
227 0.0 31.6 95.0#



#94
Naphthalene
Concen: 17.213 ug/l
RT: 15.840 min Scan# 4755
Delta R.T. -0.003 min
Lab File: VR026734.D
Acq: 11 Aug 2025 11:47

Tgt Ion:128 Resp: 244451
Ion Ratio Lower Upper
128 100
127 12.3 9.8 14.8
129 11.2 8.6 13.0





#95

1,2,3-Trichlorobenzene

Concen: 19.391 ug/l

RT: 16.071 min Scan# 4827

Delta R.T. 0.006 min

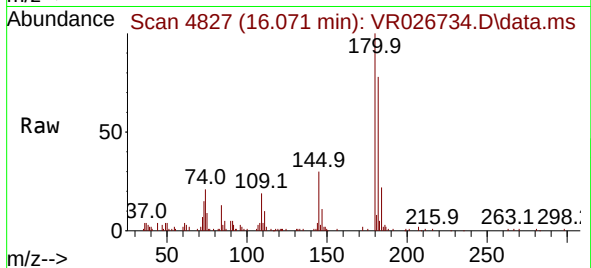
Lab File: VR026734.D

Acq: 11 Aug 2025 11:47

Instrument :

MSVOA_R

ClientSampleId :



Tgt Ion:180 Resp: 85312

Ion Ratio Lower Upper

180 100

182 93.2 47.2 141.6

145 32.5 15.5 46.5

