

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR080425\
 Data File : VR026689.D
 Acq On : 4 Aug 2025 11:08
 Operator : SY/MD
 Sample : VSTDIC010
 Misc : 5mL/MSVOA_R/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDIC010

Quant Time: Aug 05 01:54:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_R\methods\82R080425W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 05 01:53:00 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.301	168	714346	50.000	ug/l	0.00
33) 1,4-Difluorobenzene	8.331	114	1272822	50.000	ug/l	0.00
62) Chlorobenzene-d5	11.540	117	932422	50.000	ug/l	0.00
71) 1,4-Dichlorobenzene-d4	13.748	152	414540	50.000	ug/l	0.00
System Monitoring Compounds						
32) 1,2-Dichloroethane-d4	7.699	65	90595	10.020	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	20.040%#		
34) Dibromofluoromethane	7.205	113	79503	10.099	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	20.200%#		
49) Toluene-d8	10.038	98	279496	9.910	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	19.820%#		
61) 4-Bromofluorobenzene	12.673	95	80057	9.980	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	19.960%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.666	85	55017	10.567	ug/l	87
3) Chloromethane	1.849	50	82276	10.631	ug/l	100
4) Vinyl Chloride	1.962	62	82399	10.419	ug/l	100
5) Bromomethane	2.311	94	42320	10.982	ug/l	88
6) Chloroethane	2.433	64	57518	11.296	ug/l	98
7) Trichlorofluoromethane	2.719	101	154421	10.833	ug/l	97
8) Diethyl Ether	3.078	74	64039	10.126	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.386	101	76783	9.982	ug/l #	84
10) Methyl Iodide	3.556	142	74559	10.047	ug/l #	49
11) Tert butyl alcohol	4.333	59	69584	49.191	ug/l #	91
12) 1,1-Dichloroethene	3.370	96	80264	10.563	ug/l	88
13) Acrolein	3.252	56	102083	49.368	ug/l	93
14) Allyl chloride	3.897	41	163967	10.968	ug/l	92
15) Acrylonitrile	4.484	53	289103	51.486	ug/l	98
16) Acetone	3.444	43	216306	50.974	ug/l	90
17) Carbon Disulfide	3.653	76	112197	9.975	ug/l	96
18) Methyl Acetate	3.903	43	185735	10.487	ug/l	99
19) Methyl tert-butyl Ether	4.558	73	317326	10.435	ug/l	96
20) Methylene Chloride	4.092	84	105650	10.491	ug/l #	80
21) trans-1,2-Dichloroethene	4.532	96	87408	10.464	ug/l	85
22) Diisopropyl ether	5.475	45	361699	10.325	ug/l #	89
23) Vinyl Acetate	5.398	43	1079611	54.050	ug/l #	93
24) 1,1-Dichloroethane	5.337	63	188338	10.616	ug/l	95
25) 2-Butanone	6.380	43	337627	51.405	ug/l	91
26) 2,2-Dichloropropane	6.358	77	124294	10.135	ug/l	99
27) cis-1,2-Dichloroethene	6.367	96	112052	10.426	ug/l	100
28) Bromochloromethane	6.756	49	66597	10.418	ug/l	95
29) Chloroform	6.964	83	154389	10.046	ug/l	95
30) Cyclohexane	7.288	56	152250	10.627	ug/l #	86
31) 1,1,1-Trichloroethane	7.189	97	114615	10.322	ug/l	97
35) 1,1-Dichloropropene	7.439	75	104996	10.572	ug/l	86
36) Ethyl Acetate	6.489	43	121405	10.211	ug/l #	69
37) Carbon Tetrachloride	7.417	117	78036	9.648	ug/l	90
38) Methylcyclohexane	8.896	83	114174	10.043	ug/l	90
39) Benzene	7.715	78	359620	10.055	ug/l	99
40) Methacrylonitrile	6.724	41	73547	9.954	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) 1,2-Dichloroethane	7.795	62	49248	5.414	ug/l #	67
42) Isopropyl Acetate	7.876	43	192905	10.090	ug/l #	91
43) Trichloroethene	8.610	130	71844	10.445	ug/l	94
44) 1,2-Dichloropropane	8.918	63	84337	9.965	ug/l	99
45) Dibromomethane	9.021	93	49095	10.430	ug/l	95
46) Bromodichloromethane	9.252	83	91729	10.058	ug/l	90
47) Methyl methacrylate	9.037	41	80703	9.645	ug/l	96
48) 1,4-Dioxane	9.028	88	23055	171.052	ug/l	90
50) 4-Methyl-2-Pentanone	9.923	43	512756	51.373	ug/l	96
51) Toluene	10.112	92	184555	10.108	ug/l	99
52) t-1,3-Dichloropropene	10.372	75	86058	9.627	ug/l	97
53) cis-1,3-Dichloropropene	9.753	75	105026	9.795	ug/l	99
54) 1,1,2-Trichloroethane	10.571	97	66385	9.956	ug/l	92
55) Ethyl methacrylate	10.439	69	104277	9.470	ug/l	95
56) 1,3-Dichloropropane	10.738	76	112913	9.942	ug/l	99
57) 2-Chloroethyl Vinyl ether	9.596	63	23120	37.995	ug/l	97
58) 2-Hexanone	10.802	43	327300	48.643	ug/l	99
59) Dibromochloromethane	10.959	129	53441	9.470	ug/l	98
60) 1,2-Dibromoethane	11.072	107	58884	10.261	ug/l	96
63) Tetrachloroethene	10.654	164	53719	10.546	ug/l	96
64) Chlorobenzene	11.566	112	203672	10.496	ug/l	95
65) 1,1,1,2-Tetrachloroethane	11.662	131	51981	9.807	ug/l	96
66) Ethyl Benzene	11.662	91	327558	10.109	ug/l	100
67) m/p-Xylenes	11.790	106	263190	20.331	ug/l	99
68) o-Xylene	12.159	106	126845	10.094	ug/l	99
69) Styrene	12.182	104	212066	10.099	ug/l	96
70) Bromoform	12.362	173	27247	9.083	ug/l #	86
72) Isopropylbenzene	12.509	105	308820	10.452	ug/l	100
73) N-amyl acetate	12.307	43	116027	9.904	ug/l	98
74) 1,1,2,2-Tetrachloroethane	12.792	83	90136	10.398	ug/l	98
75) 1,2,3-Trichloropropane	12.849	75	100016	14.400	ug/l #	100
76) Bromobenzene	12.820	156	71338	10.433	ug/l	95
77) n-propylbenzene	12.898	91	365007	10.355	ug/l	99
78) 2-Chlorotoluene	12.987	91	208498	10.425	ug/l	99
79) 1,3,5-Trimethylbenzene	13.058	105	237903	10.297	ug/l	100
80) trans-1,4-Dichloro-2-b...	12.564	75	22433	9.509	ug/l	94
81) 4-Chlorotoluene	13.096	91	218285	10.684	ug/l	99
82) tert-Butylbenzene	13.353	119	221561	10.543	ug/l	98
83) 1,2,4-Trimethylbenzene	13.405	105	234424	10.250	ug/l	99
84) sec-Butylbenzene	13.555	105	329220	10.563	ug/l	99
85) p-Isopropyltoluene	13.687	119	251493	9.897	ug/l	97
86) 1,3-Dichlorobenzene	13.684	146	136448	10.179	ug/l	99
87) 1,4-Dichlorobenzene	13.767	146	139283	10.352	ug/l	98
88) n-Butylbenzene	14.053	91	237954	10.160	ug/l	97
89) Hexachloroethane	14.354	117	34023	9.324	ug/l	92
90) 1,2-Dichlorobenzene	14.098	146	133834	10.630	ug/l	98
91) 1,2-Dibromo-3-Chloropr...	14.788	75	12096	10.478	ug/l #	61
92) 1,2,4-Trichlorobenzene	15.558	180	73478	9.760	ug/l	95
93) Hexachlorobutadiene	15.686	225	24694	10.095	ug/l	95
94) Naphthalene	15.843	128	233137	10.105	ug/l #	89
95) 1,2,3-Trichlorobenzene	16.061	180	35549	4.974	ug/l #	2

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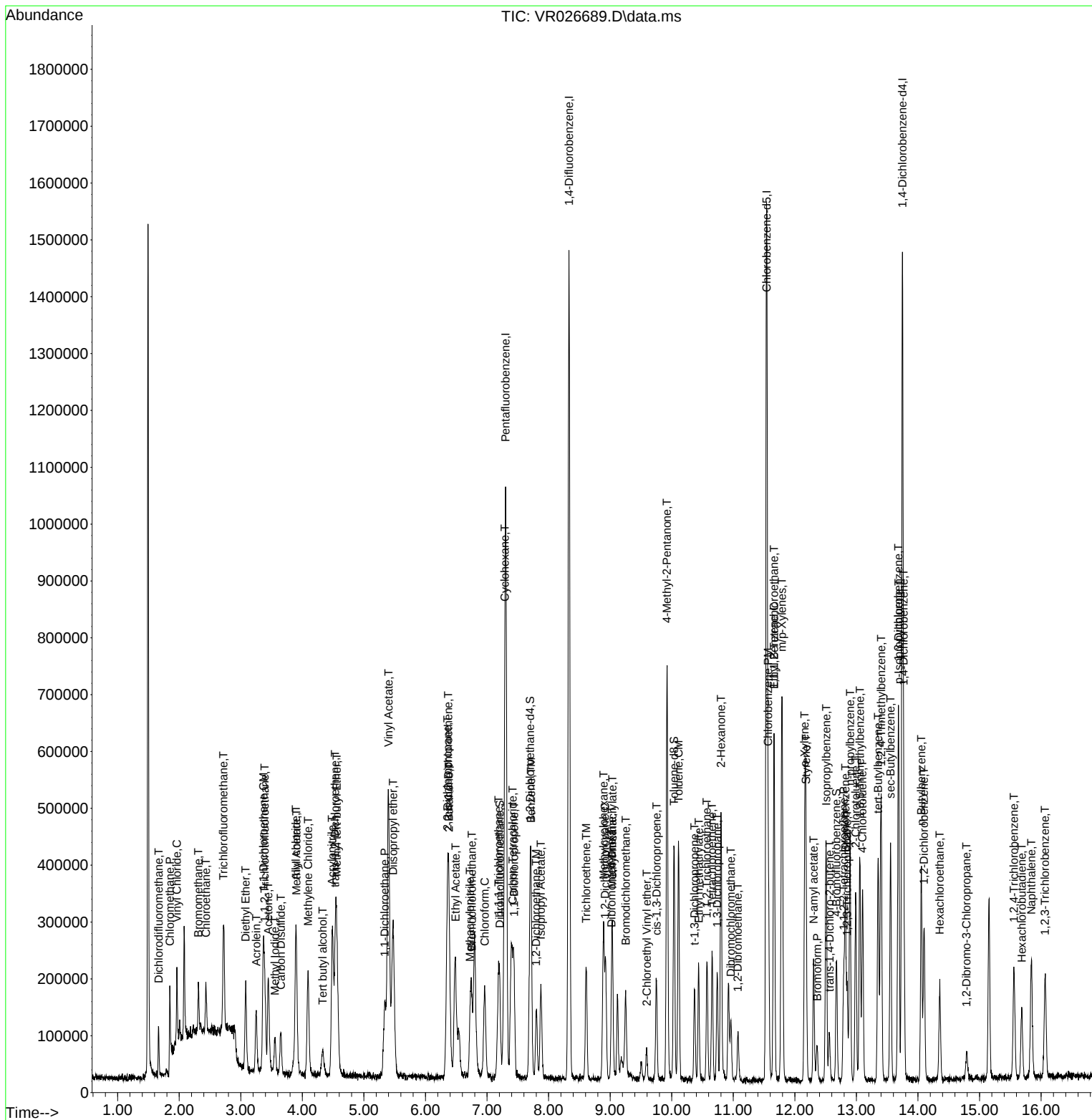
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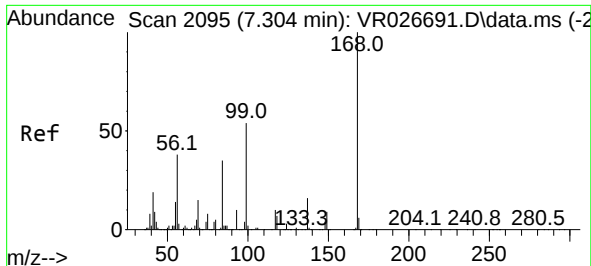
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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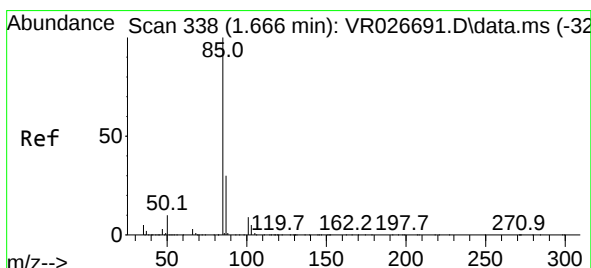
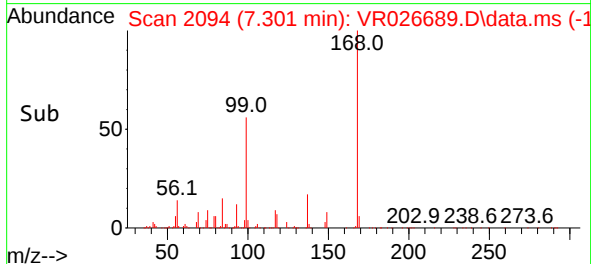
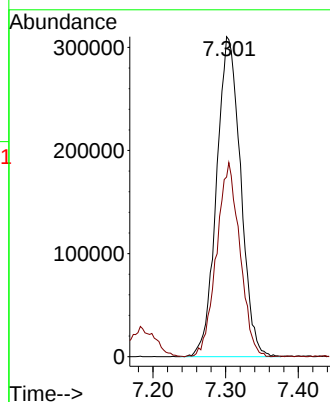
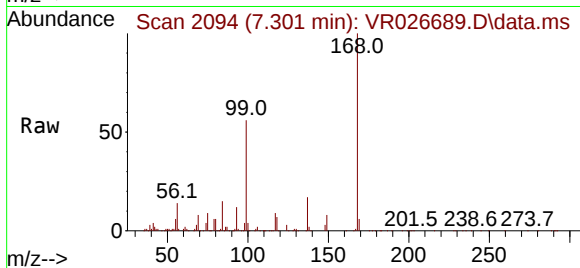




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.301 min Scan# 2095
Delta R.T. -0.003 min
Lab File: VR026689.D
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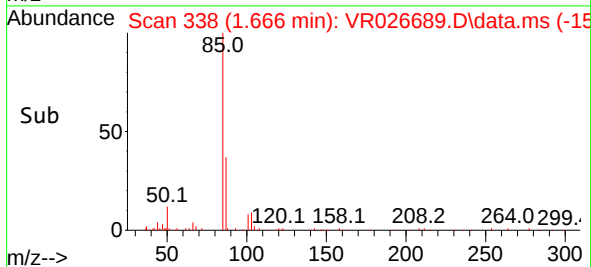
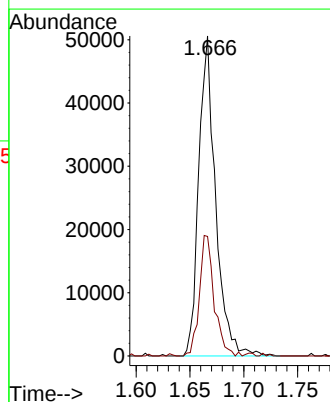
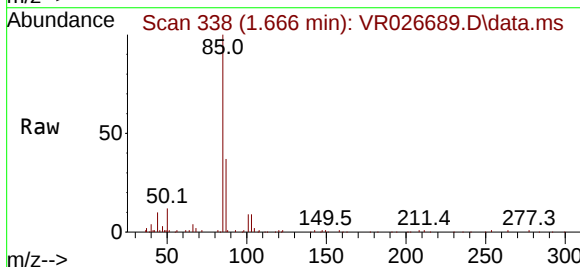
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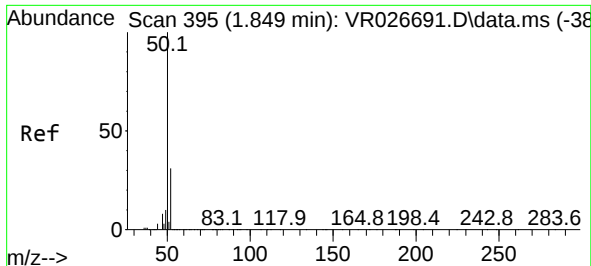
Tgt Ion:168 Resp: 714346
Ion Ratio Lower Upper
168 100
99 56.0 43.8 65.8



#2
Dichlorodifluoromethane
Concen: 10.567 ug/l
RT: 1.666 min Scan# 338
Delta R.T. -0.000 min
Lab File: VR026689.D
Acq: 4 Aug 2025 11:08

Tgt Ion: 85 Resp: 55017
Ion Ratio Lower Upper
85 100
87 37.4 15.2 45.5

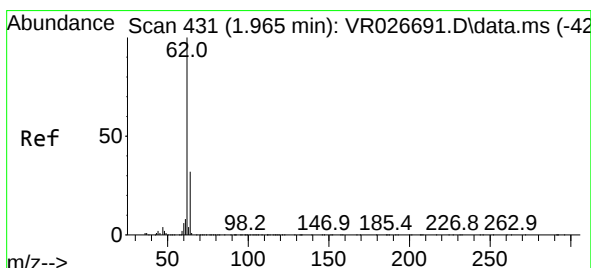
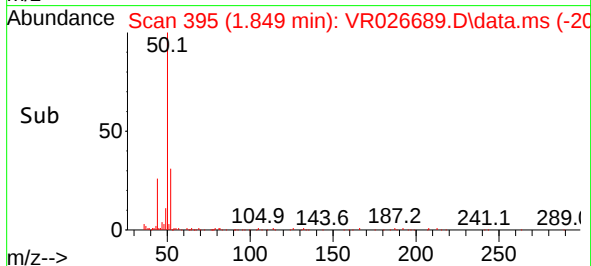
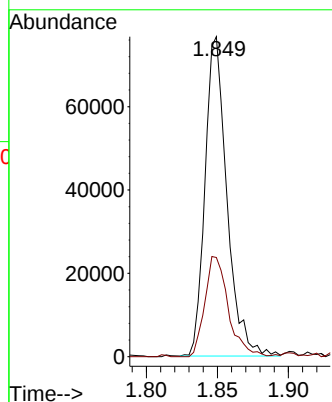
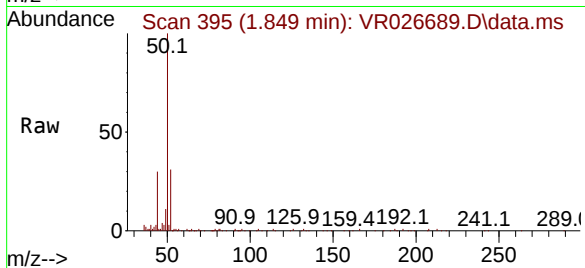




#3
Chloromethane
Concen: 10.631 ug/l
RT: 1.849 min Scan# 395
Delta R.T. -0.000 min
Lab File: VR026689.D
Acq: 4 Aug 2025 11:08

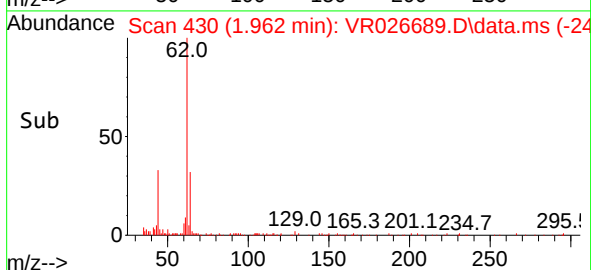
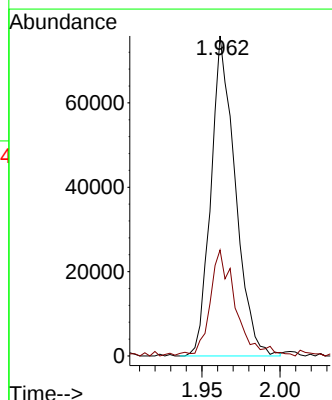
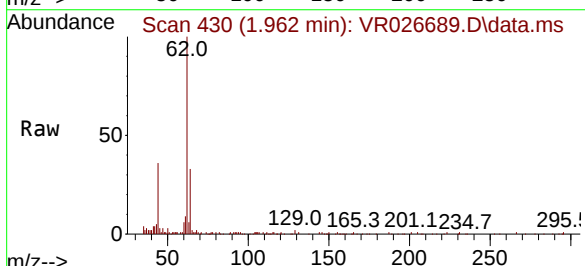
Instrument :
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ClientSampleId :
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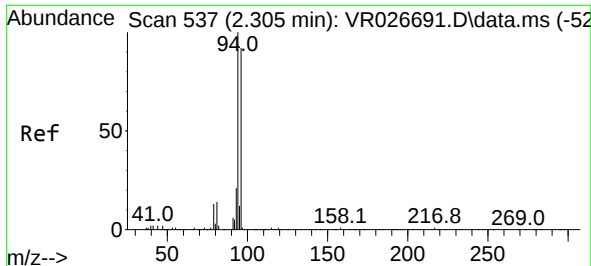
Tgt Ion: 50 Resp: 82276
Ion Ratio Lower Upper
50 100
52 31.1 25.0 37.4



#4
Vinyl Chloride
Concen: 10.419 ug/l
RT: 1.962 min Scan# 430
Delta R.T. -0.003 min
Lab File: VR026689.D
Acq: 4 Aug 2025 11:08

Tgt Ion: 62 Resp: 82399
Ion Ratio Lower Upper
62 100
64 32.3 25.9 38.9

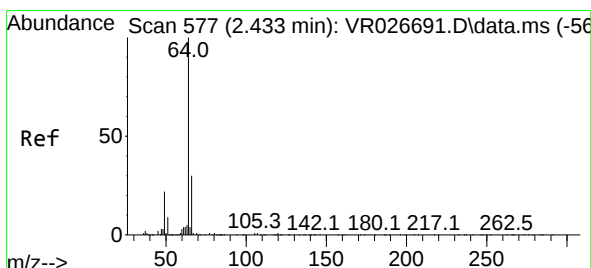
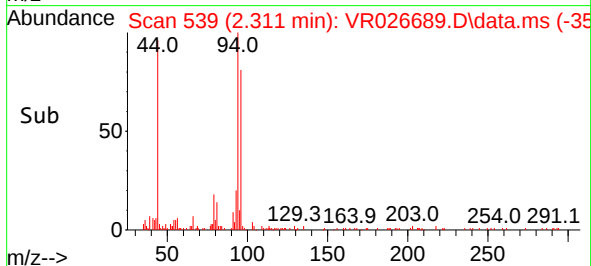
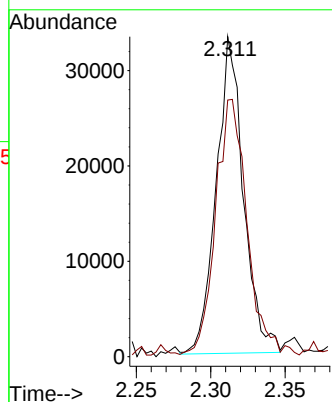
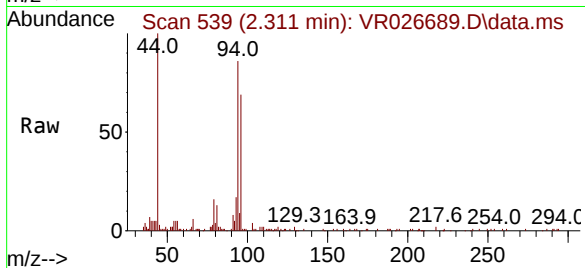




#5
Bromomethane
Concen: 10.982 ug/l
RT: 2.311 min Scan# 511
Delta R.T. 0.006 min
Lab File: VR026689.D
Acq: 4 Aug 2025 11:08

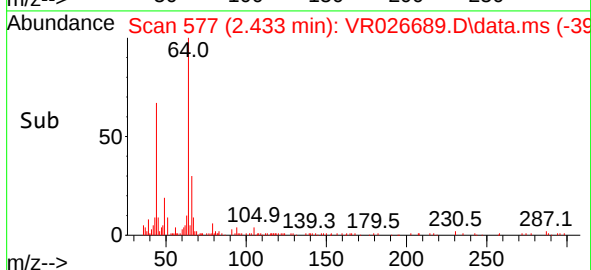
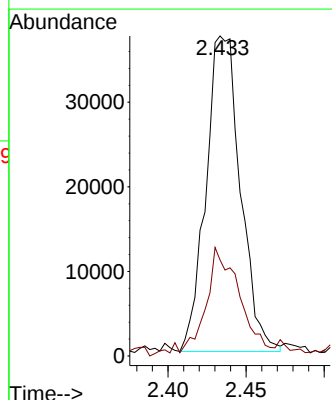
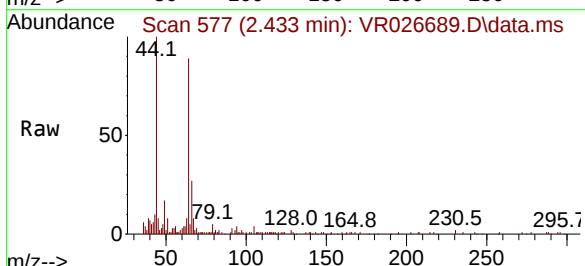
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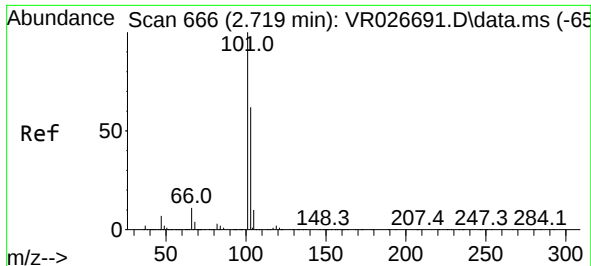
Tgt Ion: 94 Resp: 42320
Ion Ratio Lower Upper
94 100
96 80.6 73.3 109.9



#6
Chloroethane
Concen: 11.296 ug/l
RT: 2.433 min Scan# 577
Delta R.T. -0.000 min
Lab File: VR026689.D
Acq: 4 Aug 2025 11:08

Tgt Ion: 64 Resp: 57518
Ion Ratio Lower Upper
64 100
66 29.4 24.3 36.5

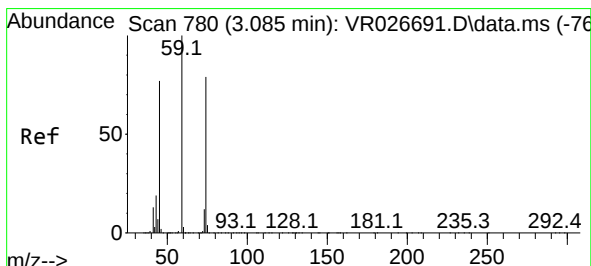
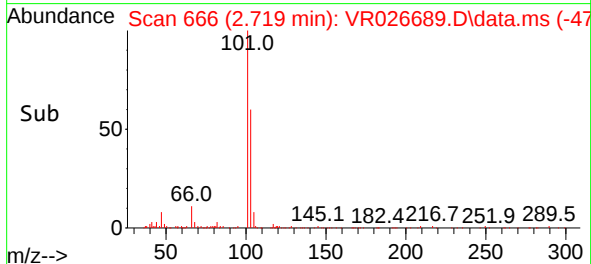
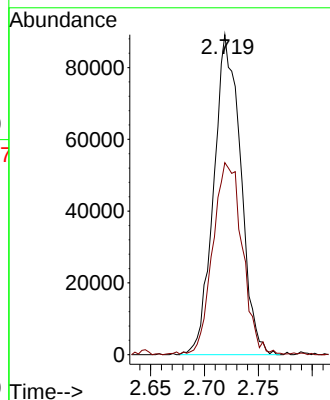
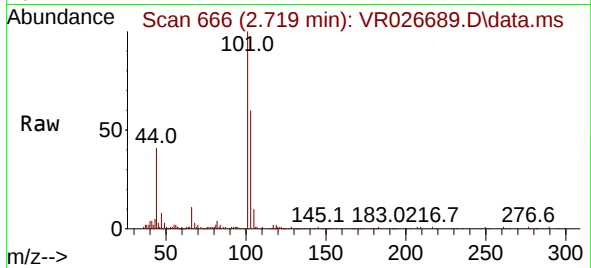




#7
Trichlorofluoromethane
Concen: 10.833 ug/l
RT: 2.719 min Scan# 666
Delta R.T. -0.000 min
Lab File: VR026689.D
Acq: 4 Aug 2025 11:08

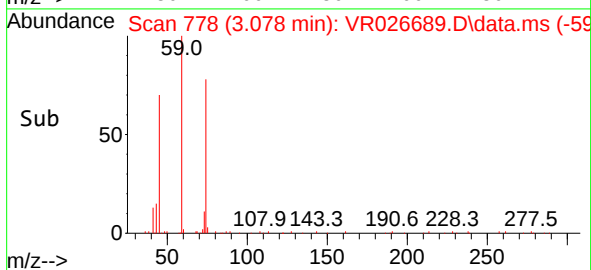
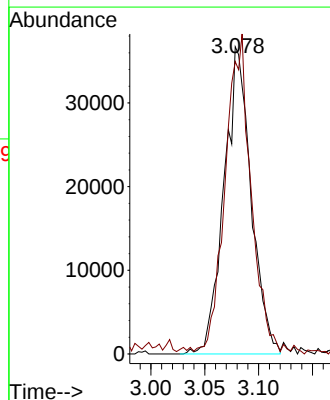
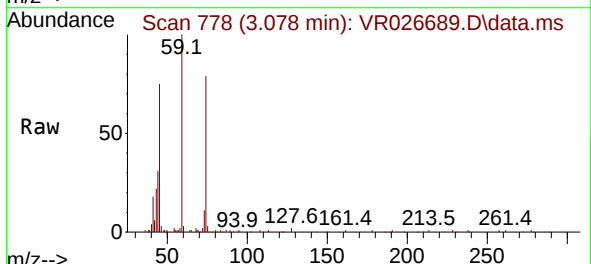
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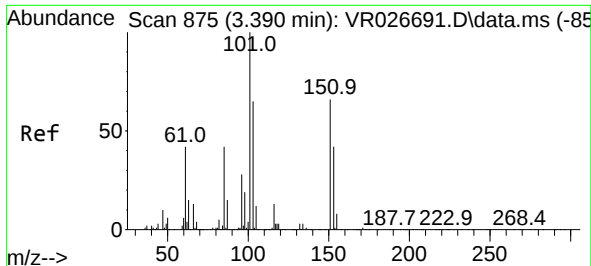
Tgt Ion:101 Resp: 154421
Ion Ratio Lower Upper
101 100
103 59.8 49.4 74.2



#8
Diethyl Ether
Concen: 10.126 ug/l
RT: 3.078 min Scan# 778
Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 64039
Ion Ratio Lower Upper
74 100
45 97.4 47.1 141.3

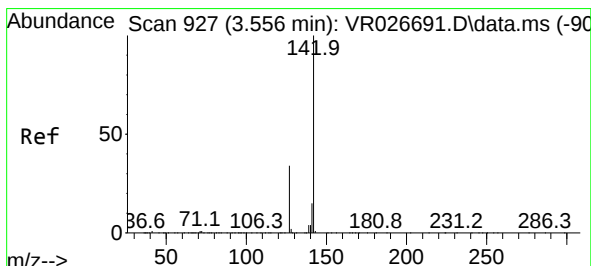
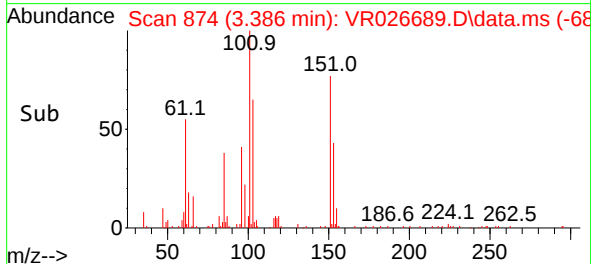
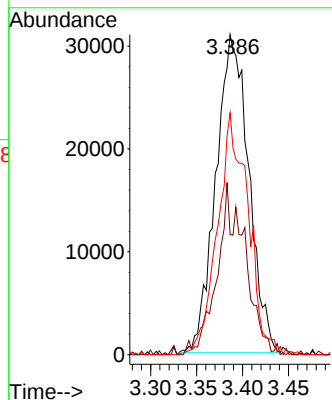
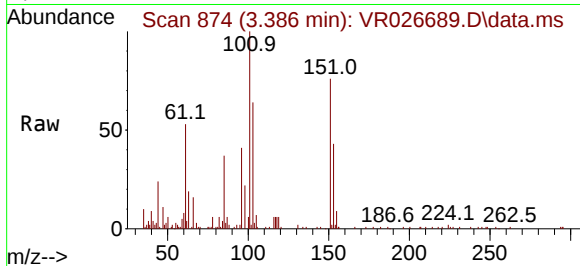




#9
1,1,2-Trichlorotrifluoroethane
Concen: 9.982 ug/l
RT: 3.386 min Scan# 81
Delta R.T. -0.003 min
Lab File: VR026689.D
Acq: 4 Aug 2025 11:08

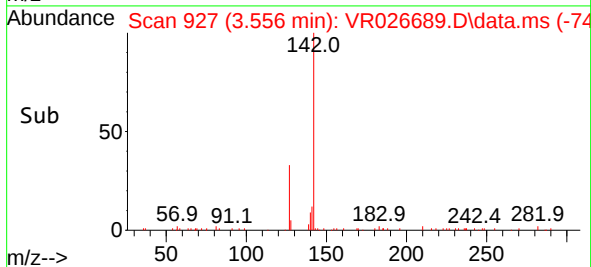
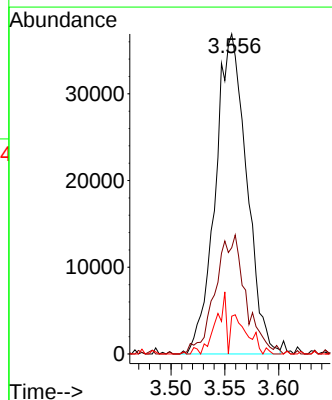
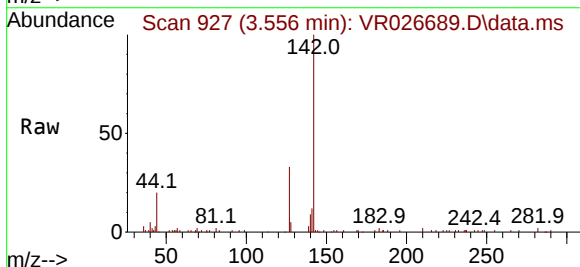
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC010

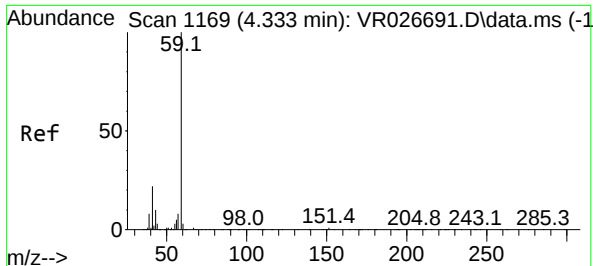
Tgt Ion:101 Resp: 76783
Ion Ratio Lower Upper
101 100
85 22.8 34.5 51.7#
151 71.0 53.4 80.0



#10
Methyl Iodide
Concen: 10.047 ug/l
RT: 3.556 min Scan# 927
Delta R.T. -0.000 min
Lab File: VR026689.D
Acq: 4 Aug 2025 11:08

Tgt Ion:142 Resp: 74559
Ion Ratio Lower Upper
142 100
127 0.0 30.1 45.1#
141 6.4 10.8 16.2#

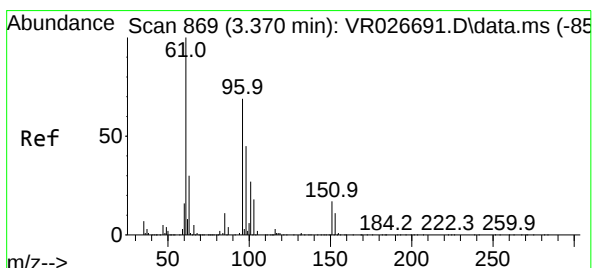
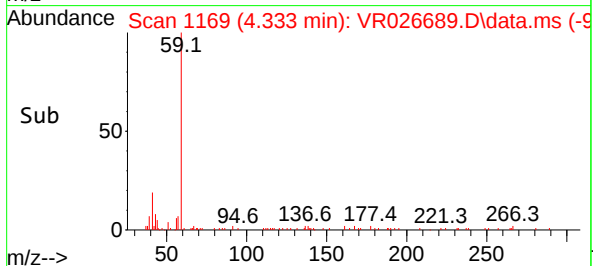
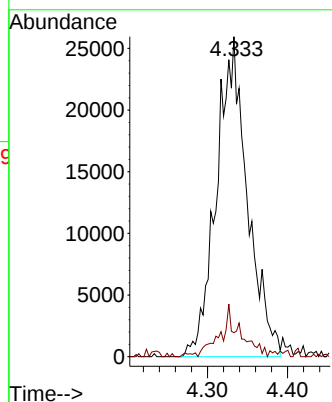
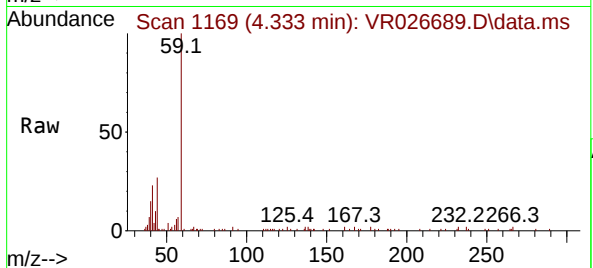




#11
Tert butyl alcohol
Concen: 49.191 ug/l
RT: 4.333 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VR026689.D
Acq: 4 Aug 2025 11:08

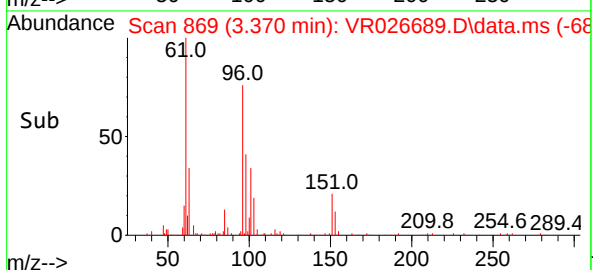
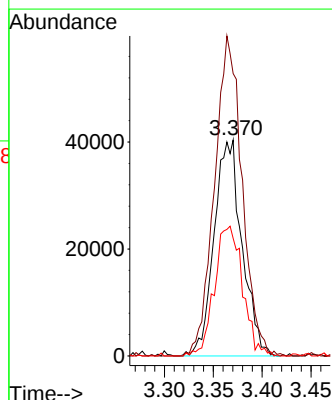
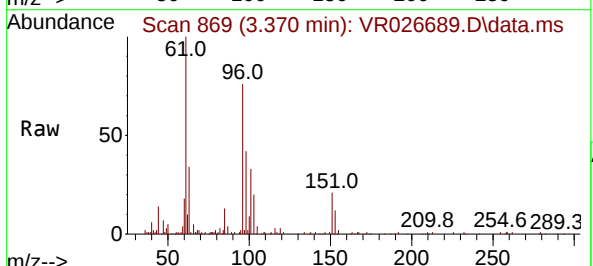
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC010

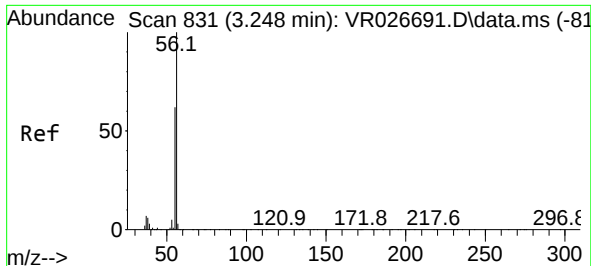
Tgt Ion: 59 Resp: 69584
Ion Ratio Lower Upper
59 100
57 6.2 7.7 11.5#



#12
1,1-Dichloroethene
Concen: 10.563 ug/l
RT: 3.370 min Scan# 869
Delta R.T. -0.000 min
Lab File: VR026689.D
Acq: 4 Aug 2025 11:08

Tgt Ion: 96 Resp: 80264
Ion Ratio Lower Upper
96 100
61 130.8 116.2 174.4
98 54.4 52.3 78.5

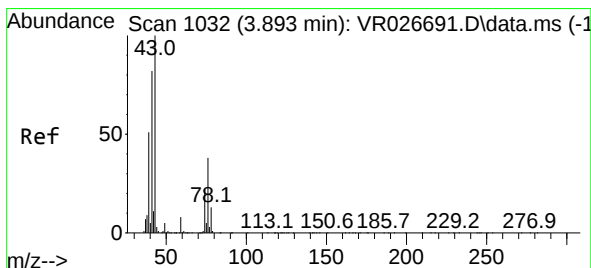
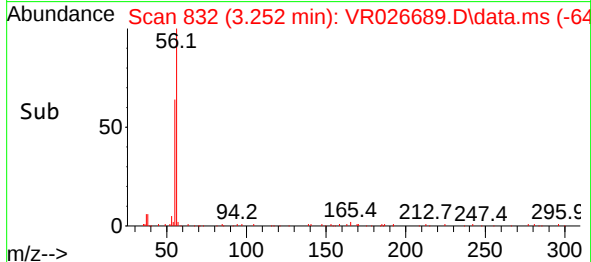
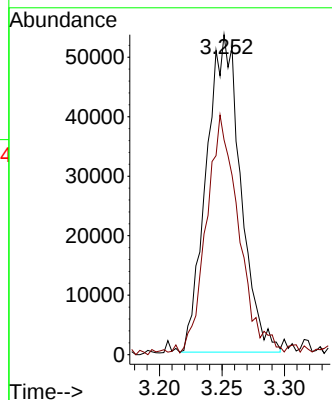
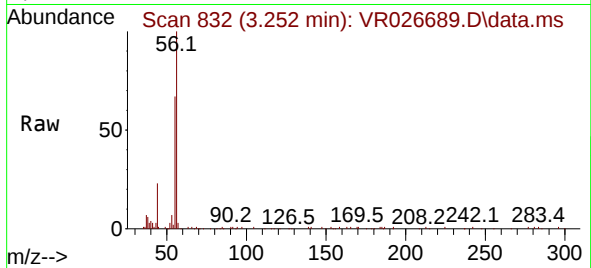




#13
Acrolein
Concen: 49.368 ug/l
RT: 3.252 min Scan# 81
Delta R.T. 0.003 min
Lab File: VR026689.D
Acq: 4 Aug 2025 11:08

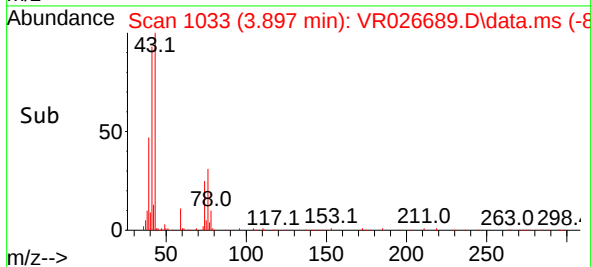
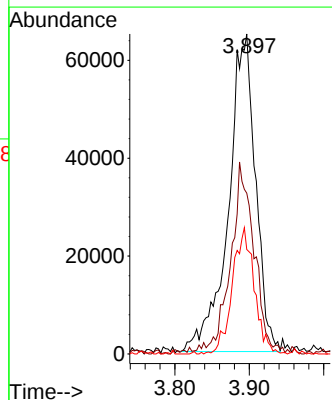
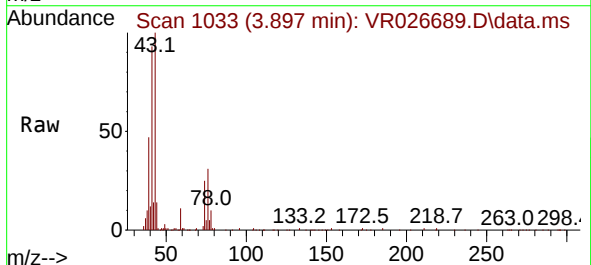
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC010

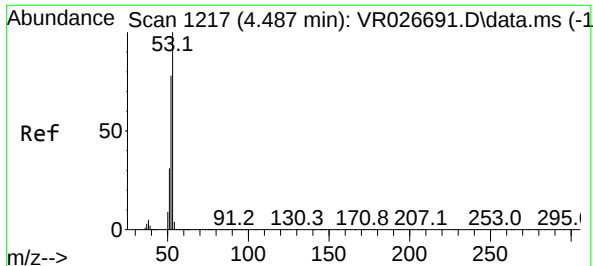
Tgt Ion: 56 Resp: 102083
Ion Ratio Lower Upper
56 100
55 72.8 53.8 80.8



#14
Allyl chloride
Concen: 10.968 ug/l
RT: 3.897 min Scan# 1033
Delta R.T. 0.003 min
Lab File: VR026689.D
Acq: 4 Aug 2025 11:08

Tgt Ion: 41 Resp: 163967
Ion Ratio Lower Upper
41 100
39 50.9 44.2 66.2
76 32.3 31.0 46.4





#15

Acrylonitrile

Concen: 51.486 ug/l

RT: 4.484 min Scan# 11

Delta R.T. -0.003 min

Lab File: VR026689.D

Acq: 4 Aug 2025 11:08

Instrument :

MSVOA_R

ClientSampleId :

VSTDIC010

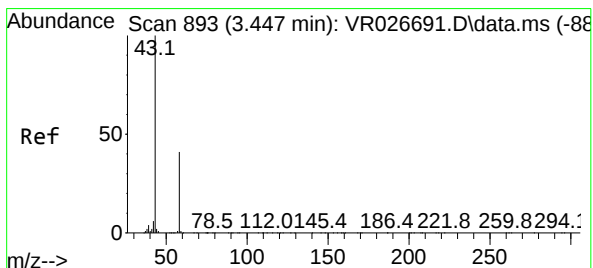
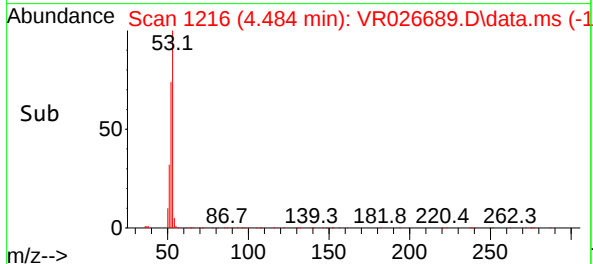
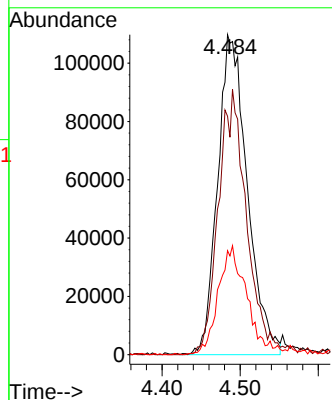
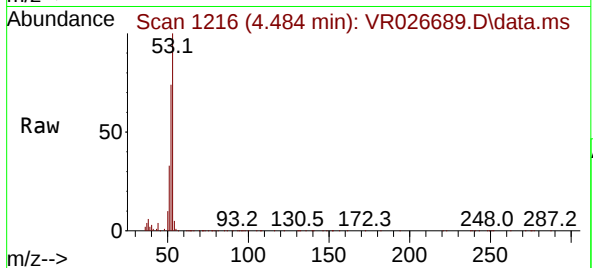
Tgt Ion: 53 Resp: 289103

Ion Ratio Lower Upper

53 100

52 78.8 61.4 92.2

51 32.8 25.8 38.6



#16

Acetone

Concen: 50.974 ug/l

RT: 3.444 min Scan# 892

Delta R.T. -0.003 min

Lab File: VR026689.D

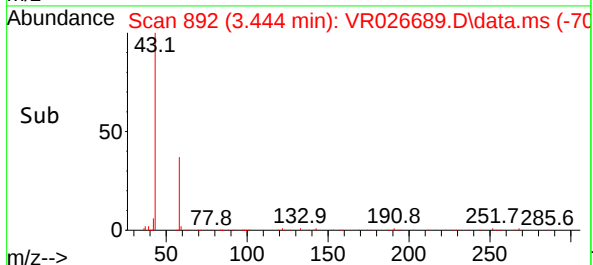
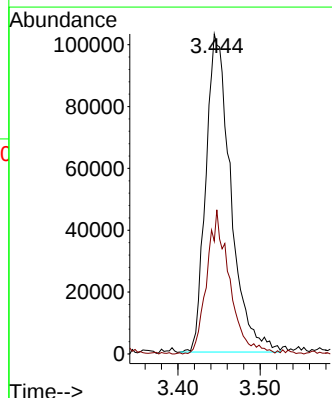
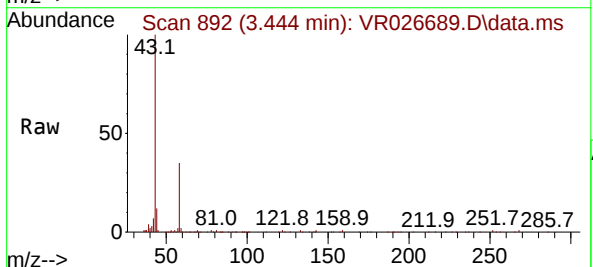
Acq: 4 Aug 2025 11:08

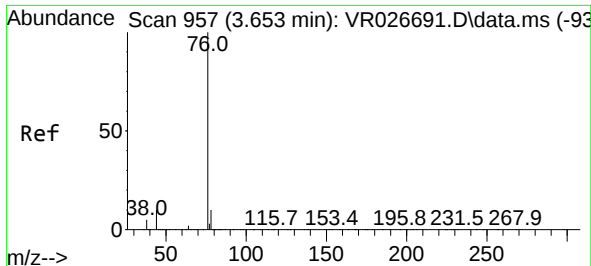
Tgt Ion: 43 Resp: 216306

Ion Ratio Lower Upper

43 100

58 35.2 32.9 49.3

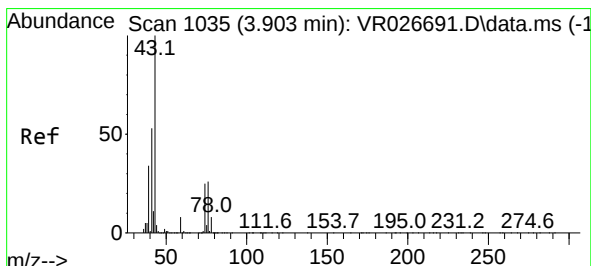
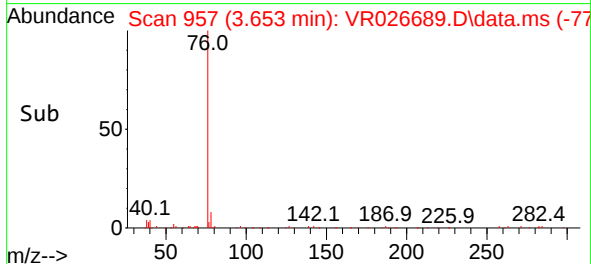
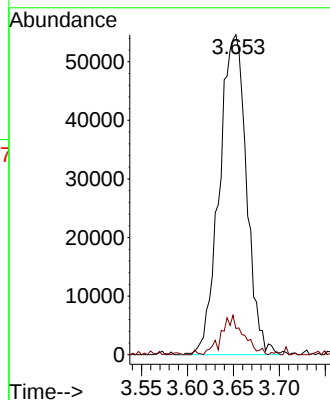
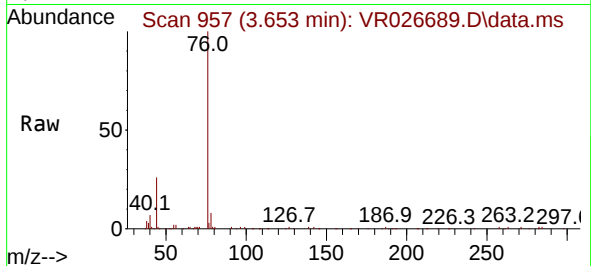




#17
Carbon Disulfide
Concen: 9.975 ug/l
RT: 3.653 min Scan# 911
Delta R.T. -0.000 min
Lab File: VR026689.D
Acq: 4 Aug 2025 11:08

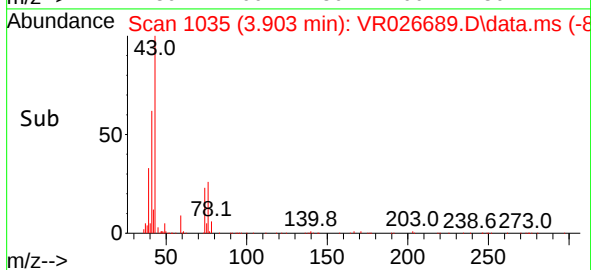
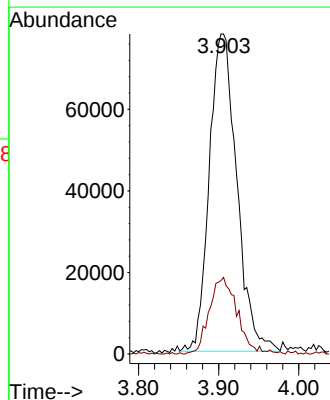
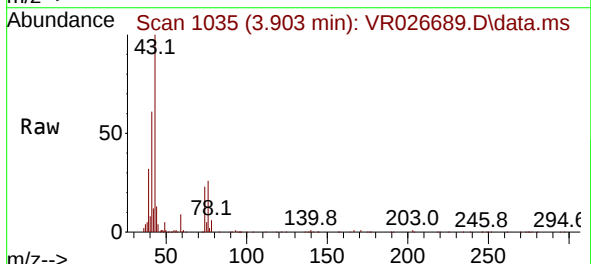
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC010

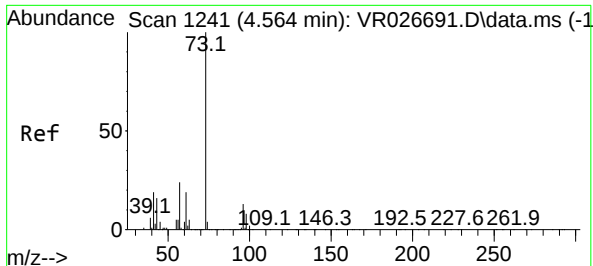
Tgt Ion: 76 Resp: 112197
Ion Ratio Lower Upper
76 100
78 8.2 7.8 11.6



#18
Methyl Acetate
Concen: 10.487 ug/l
RT: 3.903 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VR026689.D
Acq: 4 Aug 2025 11:08

Tgt Ion: 43 Resp: 185735
Ion Ratio Lower Upper
43 100
74 23.8 19.4 29.0

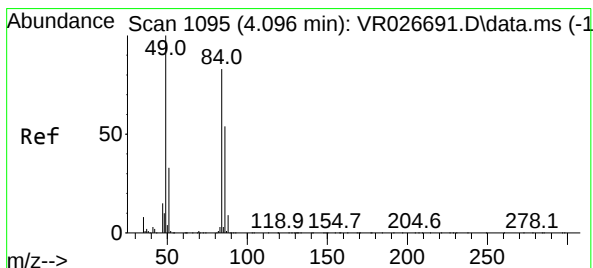
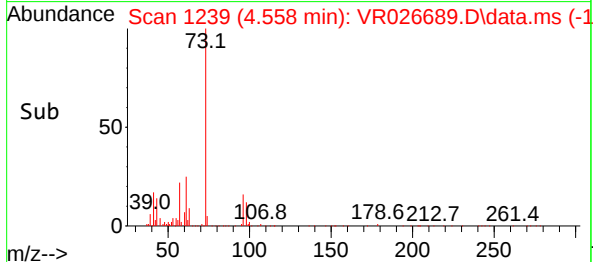
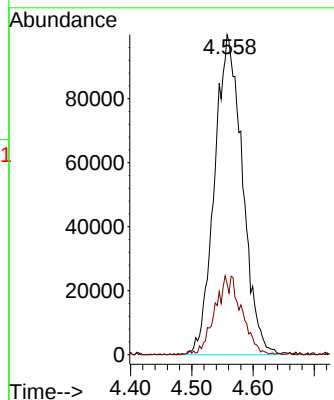
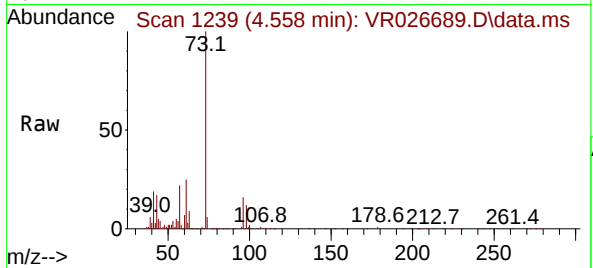




#19
Methyl tert-butyl Ether
Concen: 10.435 ug/l
RT: 4.558 min Scan# 11
Delta R.T. -0.006 min
Lab File: VR026689.D
Acq: 4 Aug 2025 11:08

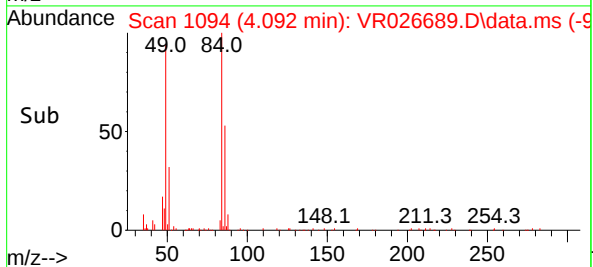
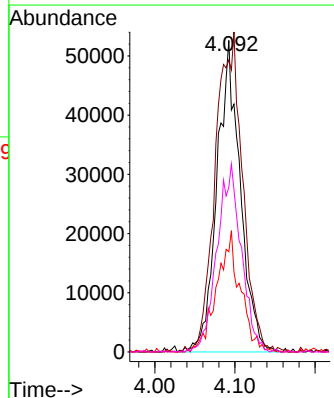
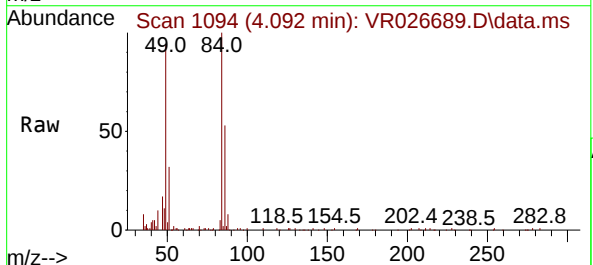
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC010

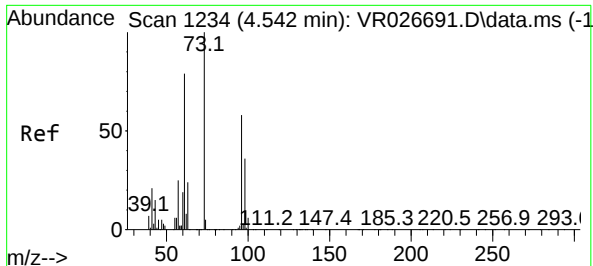
Tgt Ion: 73 Resp: 317326
Ion Ratio Lower Upper
73 100
57 22.1 19.4 29.0



#20
Methylene Chloride
Concen: 10.491 ug/l
RT: 4.092 min Scan# 1094
Delta R.T. -0.003 min
Lab File: VR026689.D
Acq: 4 Aug 2025 11:08

Tgt Ion: 84 Resp: 105650
Ion Ratio Lower Upper
84 100
49 93.1 96.2 144.4#
51 32.2 31.8 47.6
86 52.9 52.3 78.5

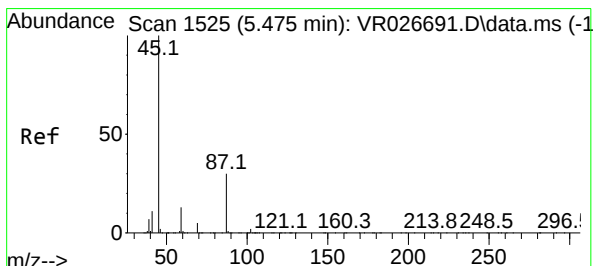
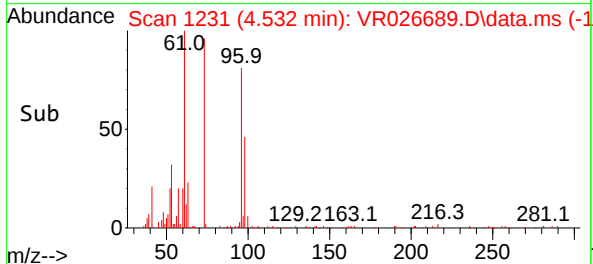
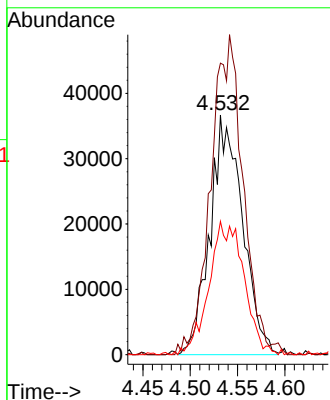
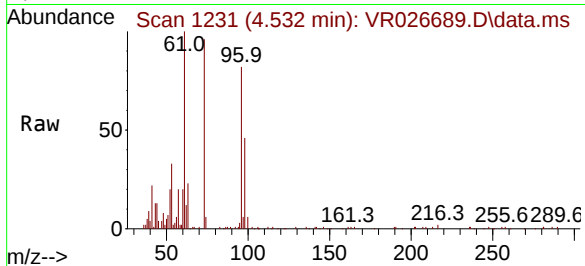




#21
trans-1,2-Dichloroethene
Concen: 10.464 ug/l
RT: 4.532 min Scan# 11
Delta R.T. -0.010 min
Lab File: VR026689.D
Acq: 4 Aug 2025 11:08

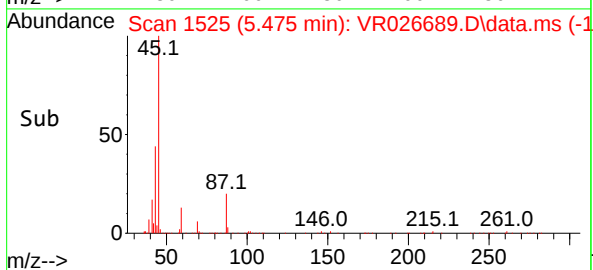
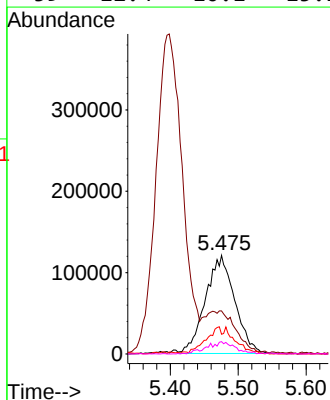
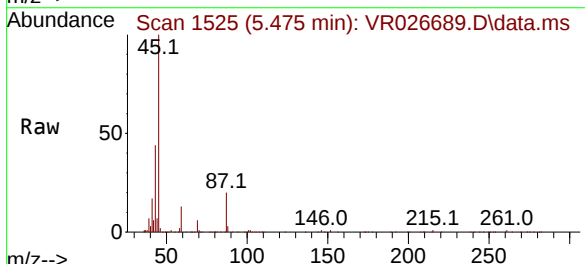
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC010

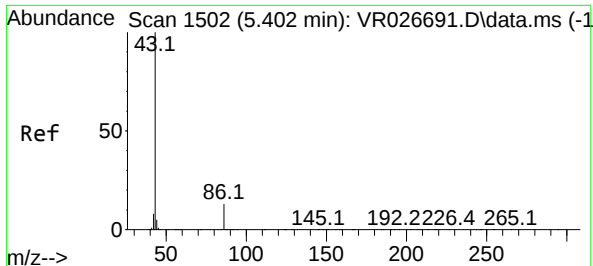
Tgt Ion: 96 Resp: 87408
Ion Ratio Lower Upper
96 100
61 117.3 110.3 165.5
98 55.6 50.2 75.4



#22
Diisopropyl ether
Concen: 10.325 ug/l
RT: 5.475 min Scan# 1525
Delta R.T. -0.000 min
Lab File: VR026689.D
Acq: 4 Aug 2025 11:08

Tgt Ion: 45 Resp: 361699
Ion Ratio Lower Upper
45 100
43 42.1 38.2 57.2
87 20.1 24.0 36.0#
59 12.4 10.1 15.1

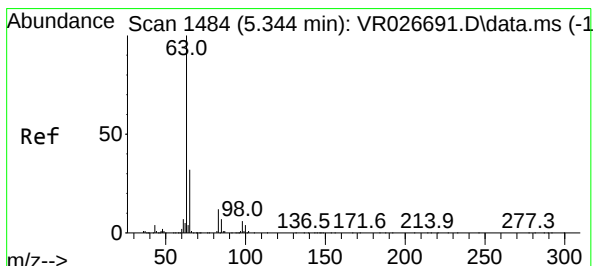
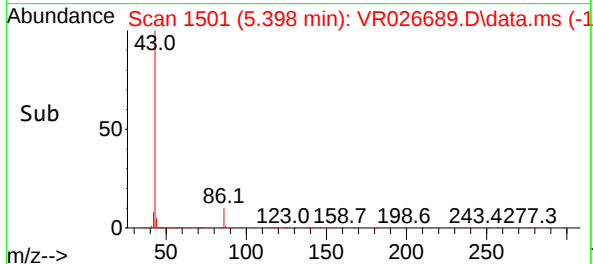
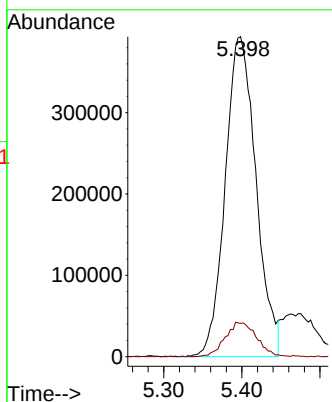
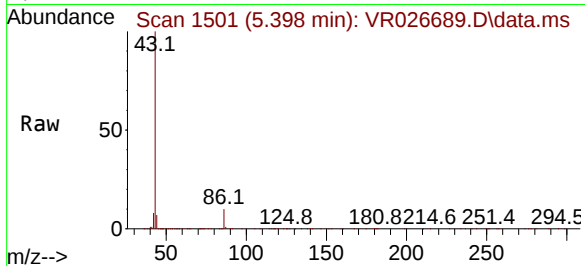




#23
 Vinyl Acetate
 Concen: 54.050 ug/l
 RT: 5.398 min Scan# 1501
 Delta R.T. -0.003 min
 Lab File: VR026689.D
 Acq: 4 Aug 2025 11:08

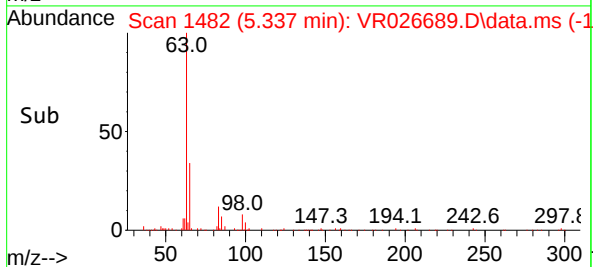
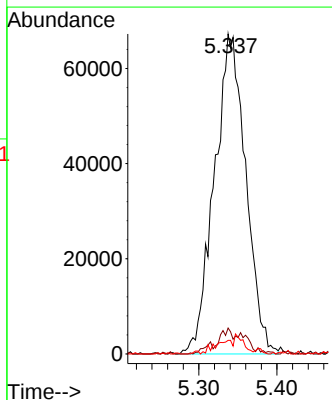
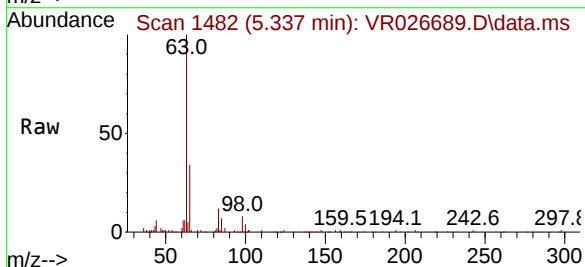
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDIC010

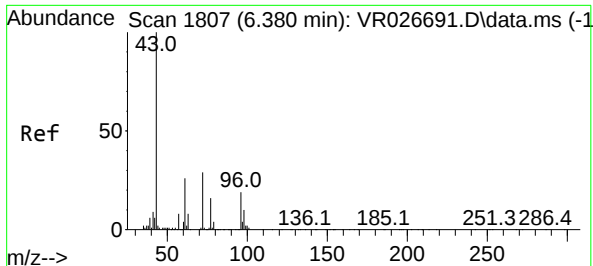
Tgt Ion: 43 Resp: 1079611
 Ion Ratio Lower Upper
 43 100
 86 10.4 10.7 16.1#



#24
 1,1-Dichloroethane
 Concen: 10.616 ug/l
 RT: 5.337 min Scan# 1482
 Delta R.T. -0.006 min
 Lab File: VR026689.D
 Acq: 4 Aug 2025 11:08

Tgt Ion: 63 Resp: 188338
 Ion Ratio Lower Upper
 63 100
 98 8.1 2.9 8.8
 100 4.0 1.8 5.4





#25

2-Butanone

Concen: 51.405 ug/l

RT: 6.380 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VR026689.D

Acq: 4 Aug 2025 11:08

Instrument :

MSVOA_R

ClientSampleId :

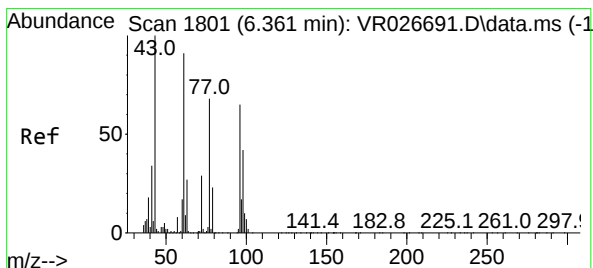
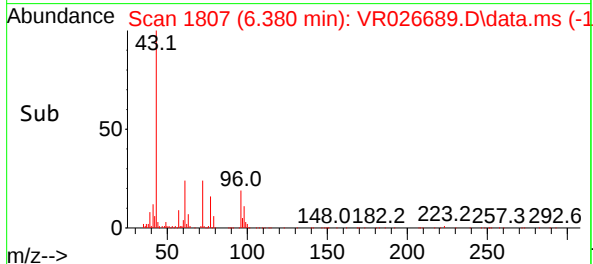
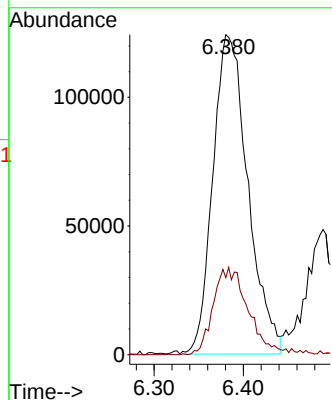
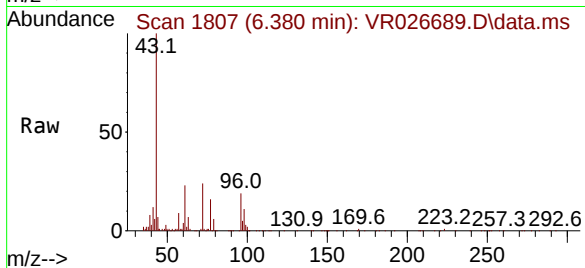
VSTDIC010

Tgt Ion: 43 Resp: 337627

Ion Ratio Lower Upper

43 100

72 24.1 23.1 34.7



#26

2,2-Dichloropropane

Concen: 10.135 ug/l

RT: 6.358 min Scan# 1800

Delta R.T. -0.003 min

Lab File: VR026689.D

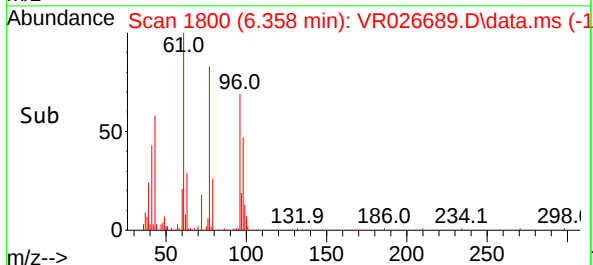
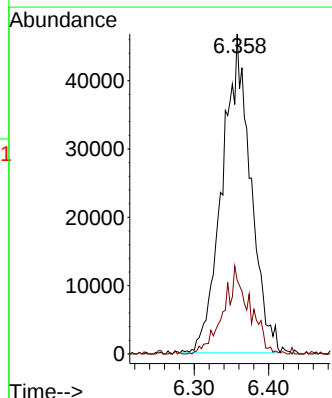
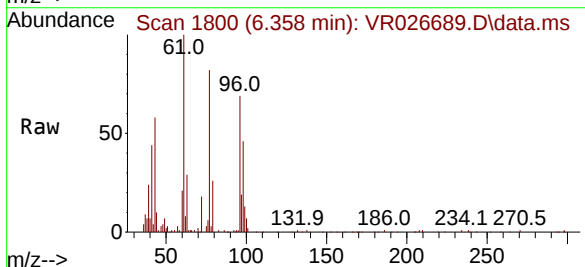
Acq: 4 Aug 2025 11:08

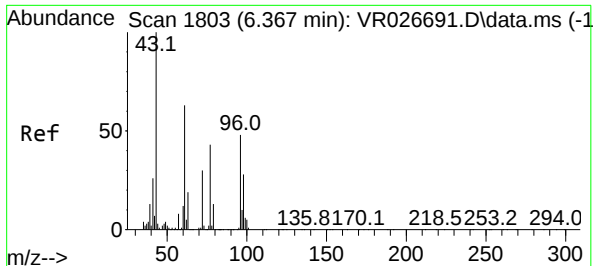
Tgt Ion: 77 Resp: 124294

Ion Ratio Lower Upper

77 100

97 25.2 12.3 36.8

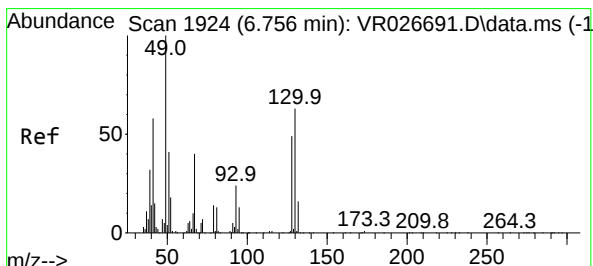
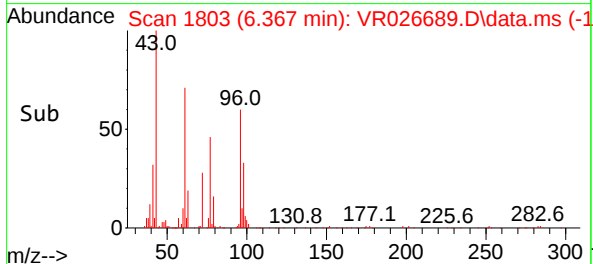
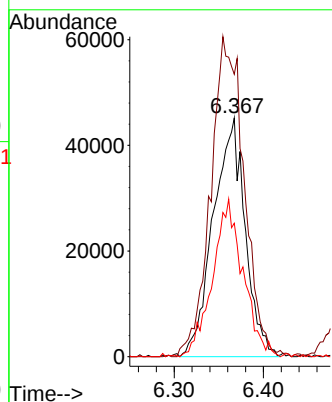
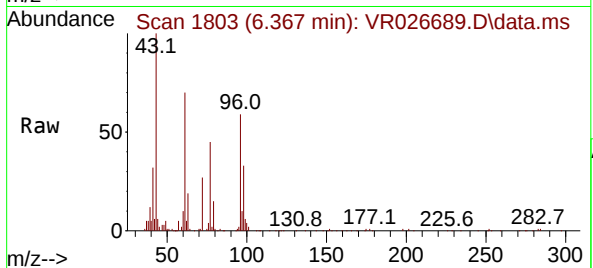




#27
 cis-1,2-Dichloroethene
 Concen: 10.426 ug/l
 RT: 6.367 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VR026689.D
 Acq: 4 Aug 2025 11:08

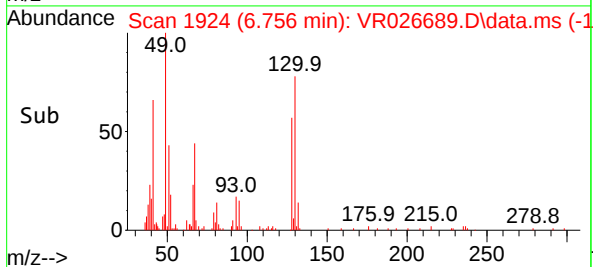
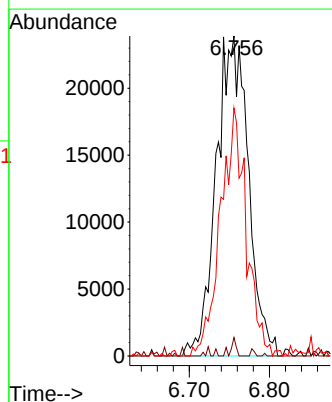
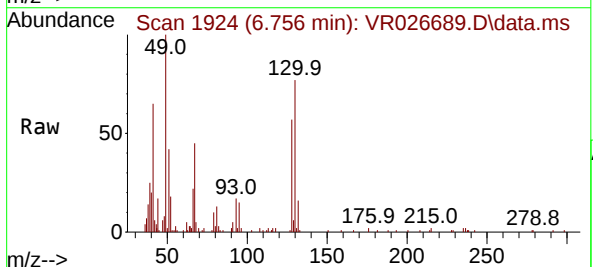
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDIC010

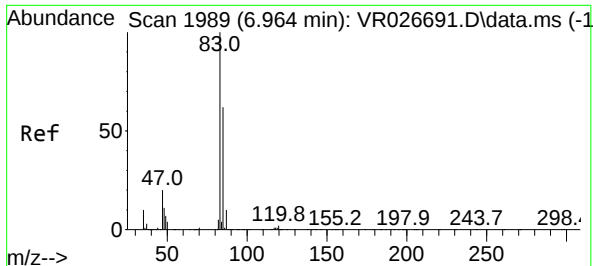
Tgt Ion: 96 Resp: 112052
 Ion Ratio Lower Upper
 96 100
 61 140.3 0.0 279.8
 98 63.0 0.0 125.2



#28
 Bromochloromethane
 Concen: 10.418 ug/l
 RT: 6.756 min Scan# 1924
 Delta R.T. -0.000 min
 Lab File: VR026689.D
 Acq: 4 Aug 2025 11:08

Tgt Ion: 49 Resp: 66597
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 3.4
 130 61.6 52.2 78.4

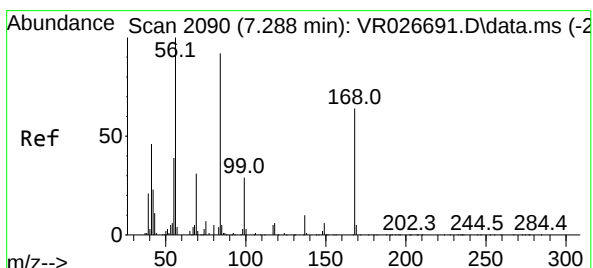
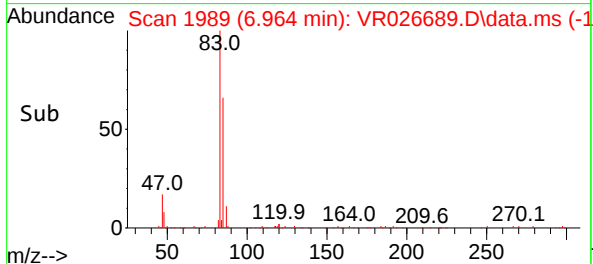
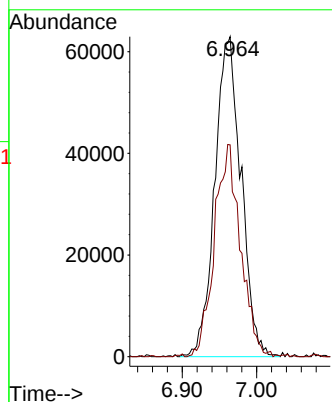
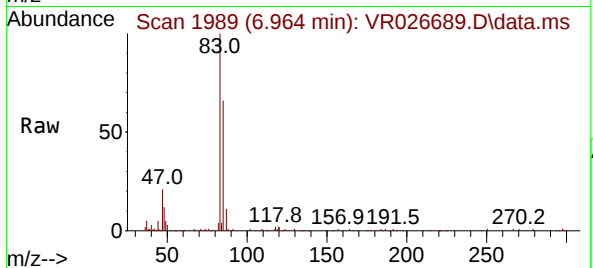




#29
Chloroform
Concen: 10.046 ug/l
RT: 6.964 min Scan# 1989
Delta R.T. -0.000 min
Lab File: VR026689.D
Acq: 4 Aug 2025 11:08

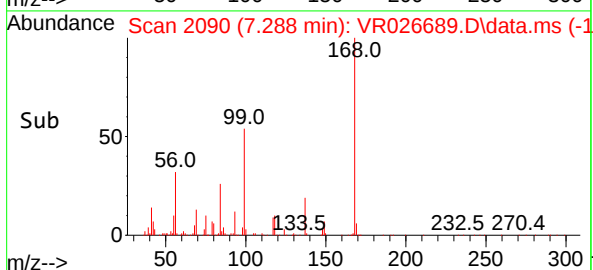
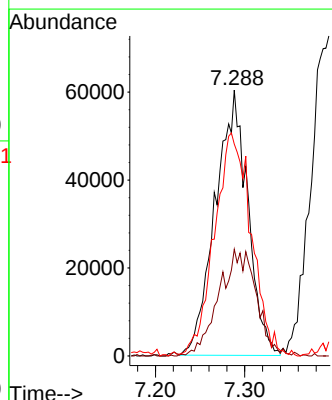
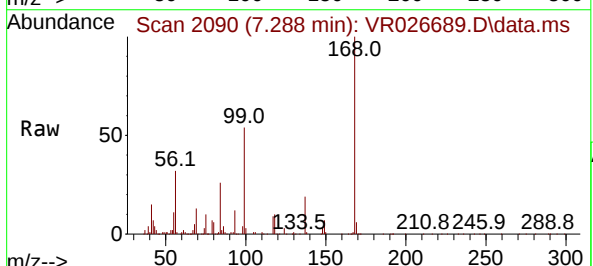
Instrument :
MSVOA_R
ClientSampleId :
VSTDICC010

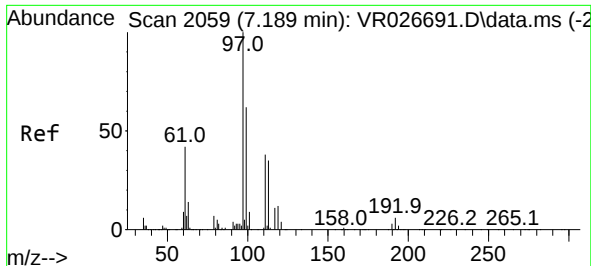
Tgt Ion: 83 Resp: 154389
Ion Ratio Lower Upper
83 100
85 66.0 49.6 74.4



#30
Cyclohexane
Concen: 10.627 ug/l
RT: 7.288 min Scan# 2090
Delta R.T. -0.000 min
Lab File: VR026689.D
Acq: 4 Aug 2025 11:08

Tgt Ion: 56 Resp: 152250
Ion Ratio Lower Upper
56 100
69 39.7 24.8 37.2#
84 79.2 73.1 109.7

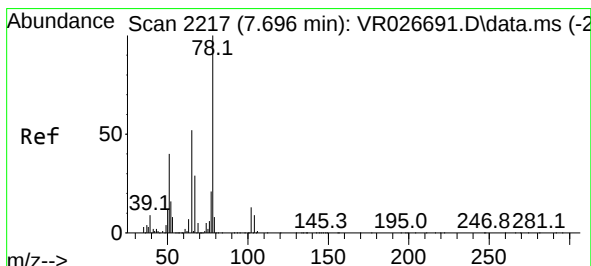
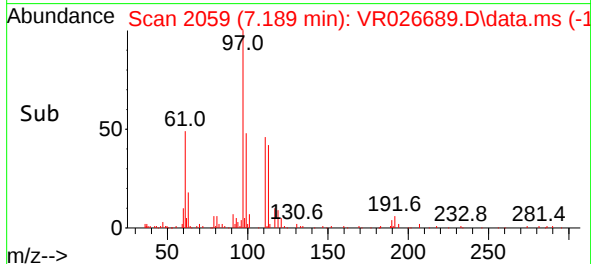
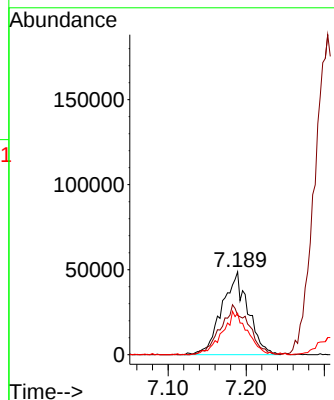
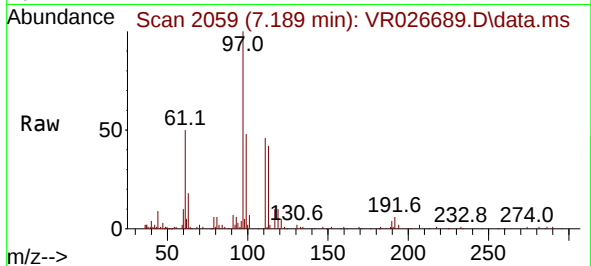




#31
 1,1,1-Trichloroethane
 Concen: 10.322 ug/l
 RT: 7.189 min Scan# 2059
 Delta R.T. -0.000 min
 Lab File: VR026689.D
 Acq: 4 Aug 2025 11:08

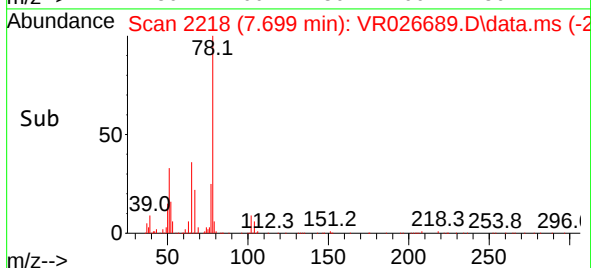
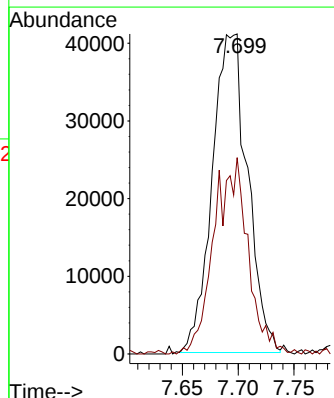
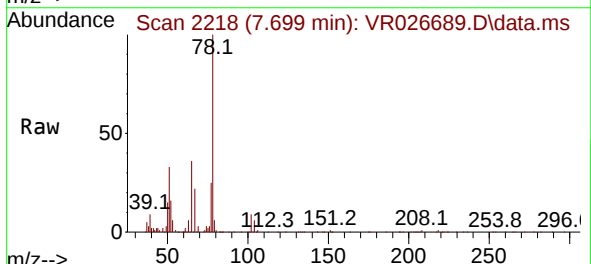
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDIC010

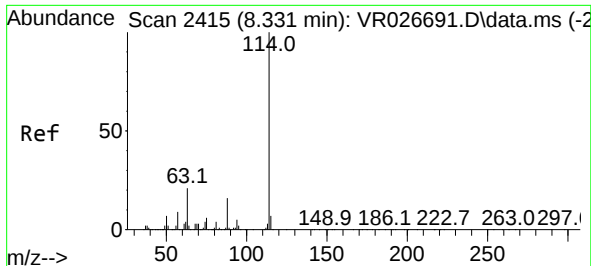
Tgt Ion: 97 Resp: 114615
 Ion Ratio Lower Upper
 97 100
 99 63.3 51.0 76.6
 61 49.4 36.3 54.5



#32
 1,2-Dichloroethane-d4
 Concen: 10.020 ug/l
 RT: 7.699 min Scan# 2218
 Delta R.T. 0.003 min
 Lab File: VR026689.D
 Acq: 4 Aug 2025 11:08

Tgt Ion: 65 Resp: 90595
 Ion Ratio Lower Upper
 65 100
 67 21.6 0.0 118.4





#33

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.331 min Scan# 2415

Delta R.T. -0.000 min

Lab File: VR026689.D

Acq: 4 Aug 2025 11:08

Instrument :

MSVOA_R

ClientSampleId :

VSTDIC010

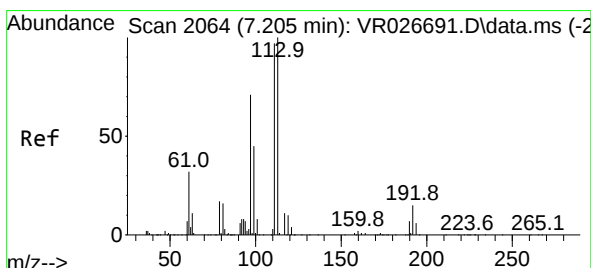
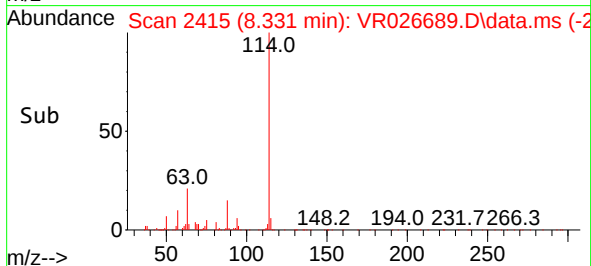
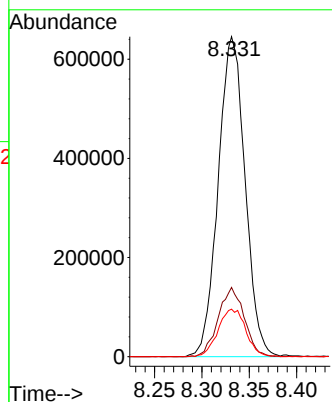
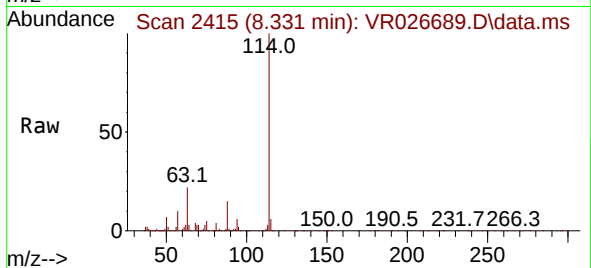
Tgt Ion:114 Resp: 1272822

Ion Ratio Lower Upper

114 100

63 21.6 0.0 41.6

88 14.9 0.0 32.6



#34

Dibromofluoromethane

Concen: 10.099 ug/l

RT: 7.205 min Scan# 2064

Delta R.T. -0.000 min

Lab File: VR026689.D

Acq: 4 Aug 2025 11:08

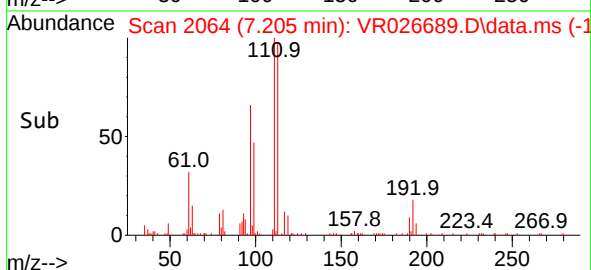
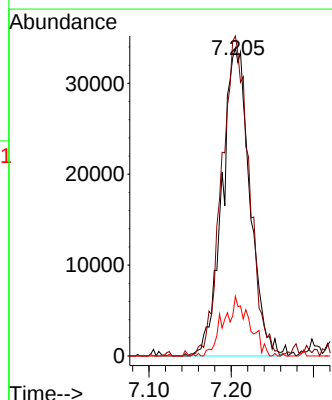
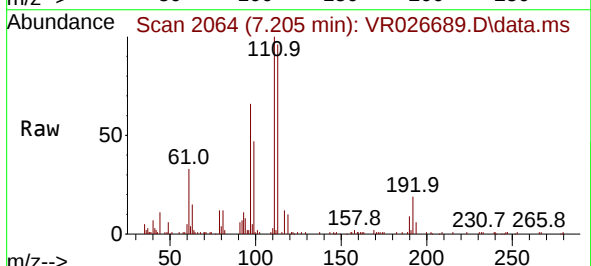
Tgt Ion:113 Resp: 79503

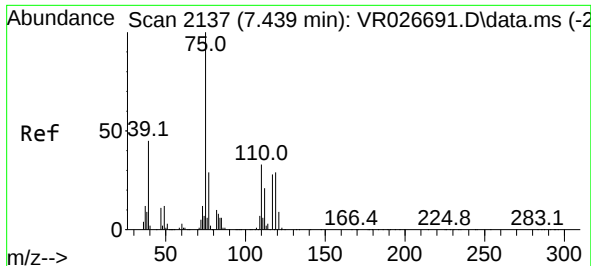
Ion Ratio Lower Upper

113 100

111 103.2 81.7 122.5

192 17.9 12.3 18.5





#35

1,1-Dichloropropene

Concen: 10.572 ug/l

RT: 7.439 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VR026689.D

Acq: 4 Aug 2025 11:08

Instrument :

MSVOA_R

ClientSampleId :

VSTDIC010

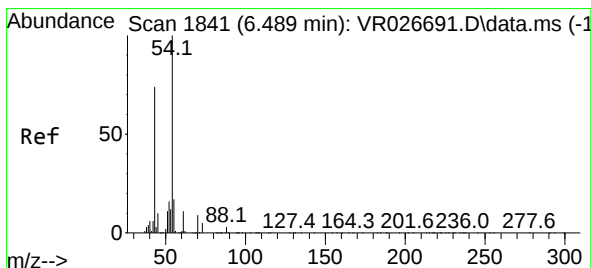
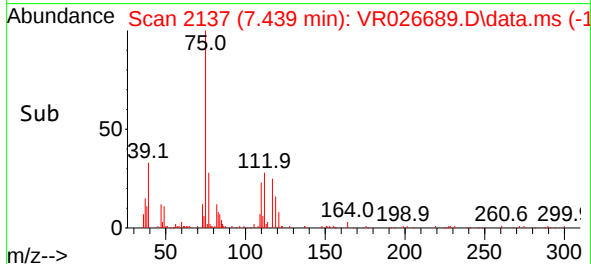
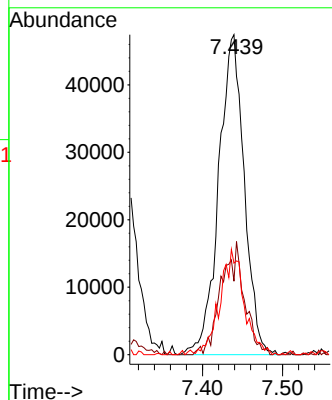
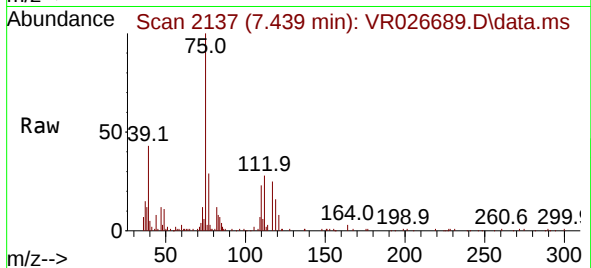
Tgt Ion: 75 Resp: 104996

Ion Ratio Lower Upper

75 100

110 18.6 17.0 50.9

77 30.9 24.6 37.0



#36

Ethyl Acetate

Concen: 10.211 ug/l

RT: 6.489 min Scan# 1841

Delta R.T. -0.000 min

Lab File: VR026689.D

Acq: 4 Aug 2025 11:08

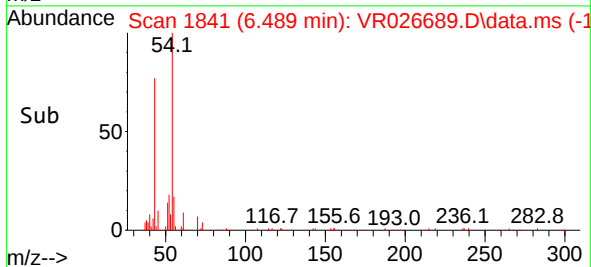
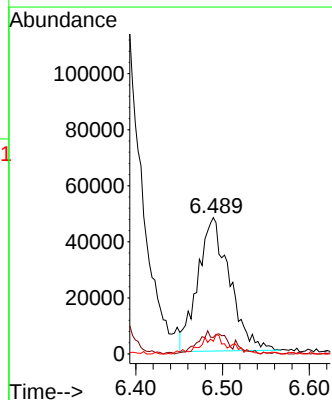
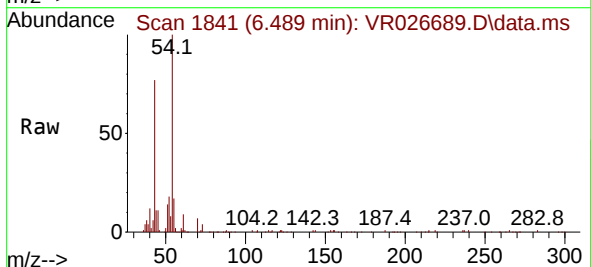
Tgt Ion: 43 Resp: 121405

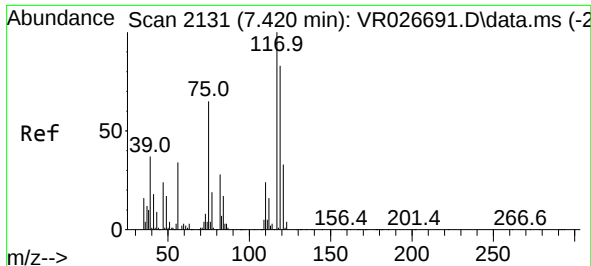
Ion Ratio Lower Upper

43 100

61 0.0 12.0 18.0#

70 2.1 9.0 13.6#

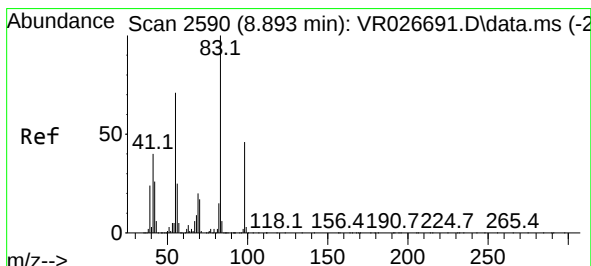
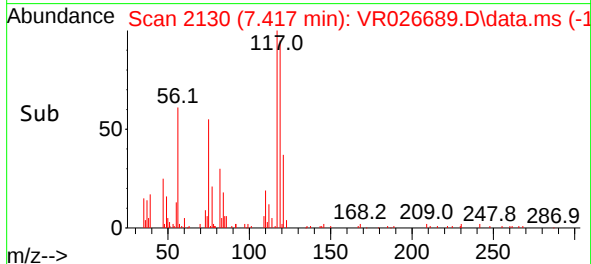
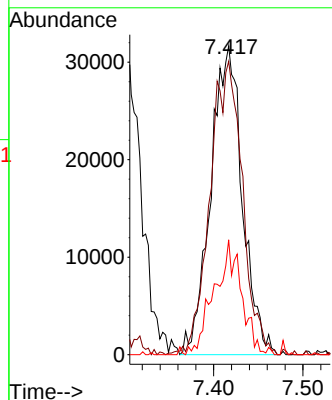
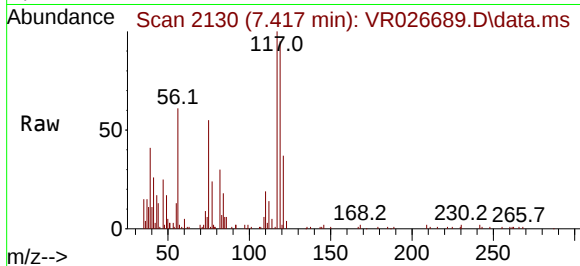




#37
Carbon Tetrachloride
Concen: 9.648 ug/l
RT: 7.417 min Scan# 2130
Delta R.T. -0.003 min
Lab File: VR026689.D
Acq: 4 Aug 2025 11:08

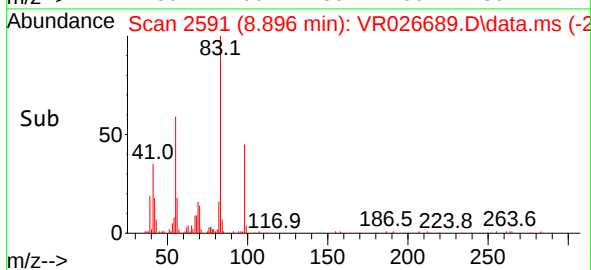
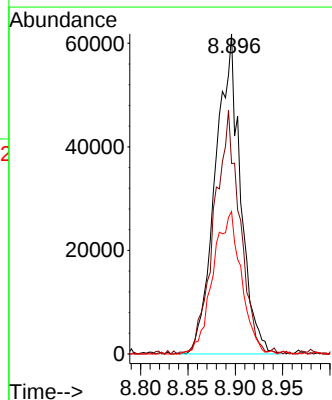
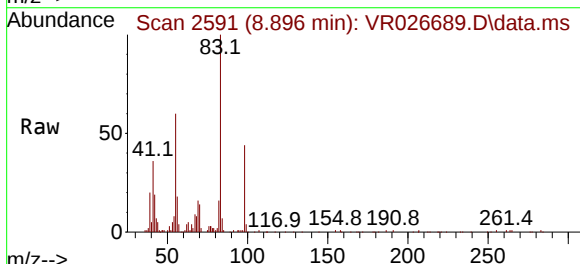
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC010

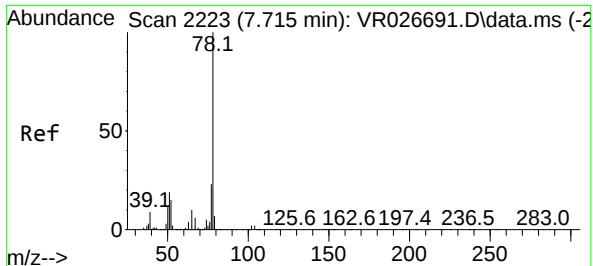
Tgt Ion:117 Resp: 78036
Ion Ratio Lower Upper
117 100
119 93.4 67.0 100.4
121 37.2 26.3 39.5



#38
Methylcyclohexane
Concen: 10.043 ug/l
RT: 8.896 min Scan# 2591
Delta R.T. 0.003 min
Lab File: VR026689.D
Acq: 4 Aug 2025 11:08

Tgt Ion: 83 Resp: 114174
Ion Ratio Lower Upper
83 100
55 59.0 56.7 85.1
98 44.5 36.7 55.1

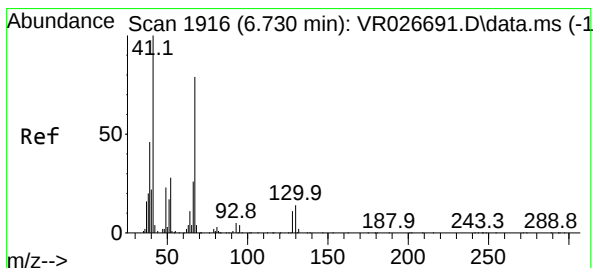
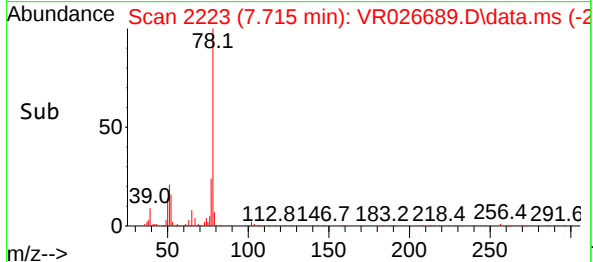
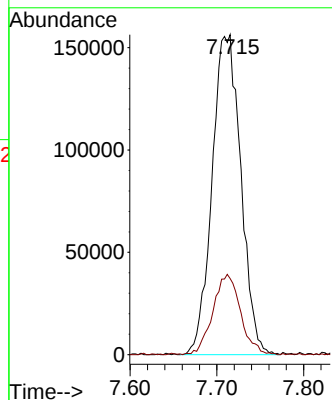
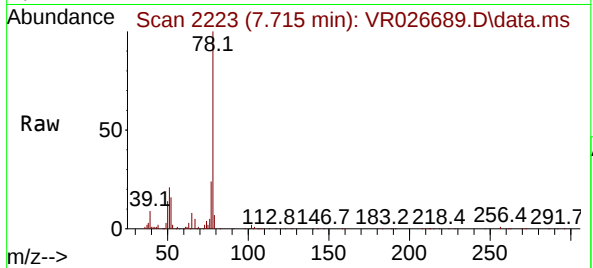




#39
Benzene
Concen: 10.055 ug/l
RT: 7.715 min Scan# 21
Delta R.T. -0.000 min
Lab File: VR026689.D
Acq: 4 Aug 2025 11:08

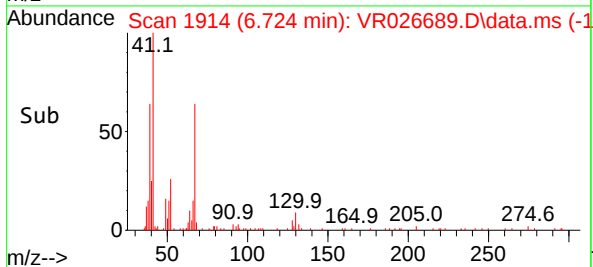
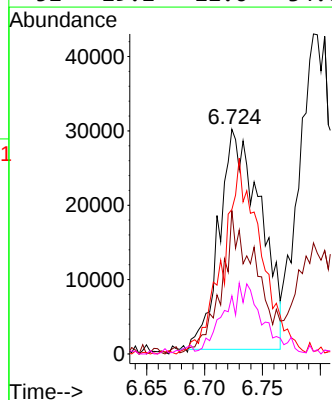
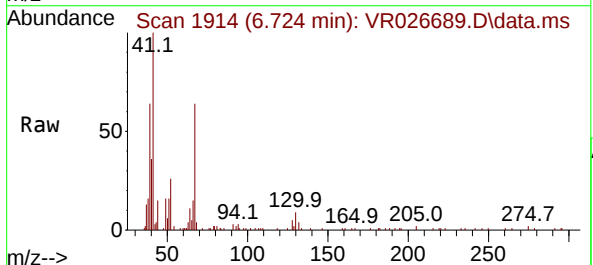
Instrument :
MSVOA_R
ClientSampleId :
VSTDICC010

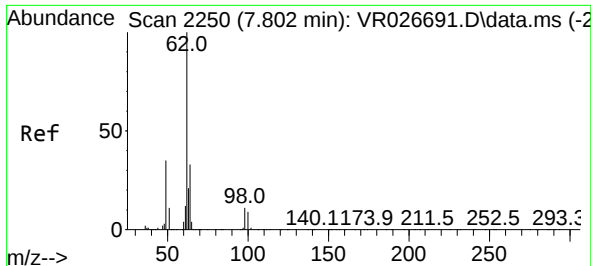
Tgt Ion: 78 Resp: 359620
Ion Ratio Lower Upper
78 100
77 23.8 18.8 28.2



#40
Methacrylonitrile
Concen: 9.954 ug/l
RT: 6.724 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VR026689.D
Acq: 4 Aug 2025 11:08

Tgt Ion: 41 Resp: 73547
Ion Ratio Lower Upper
41 100
39 51.0 42.4 63.6
67 81.3 65.6 98.4
52 29.2 22.6 34.0

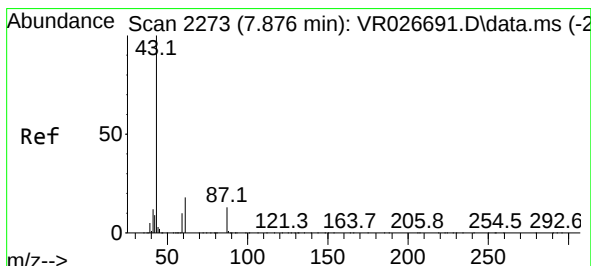
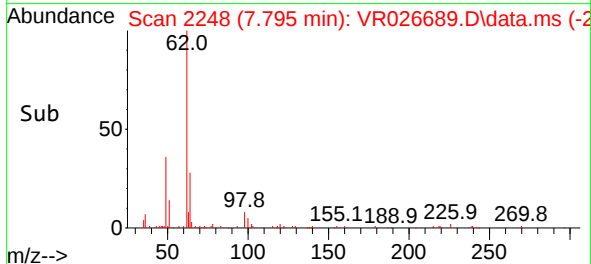
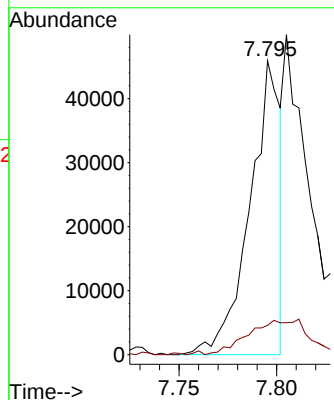
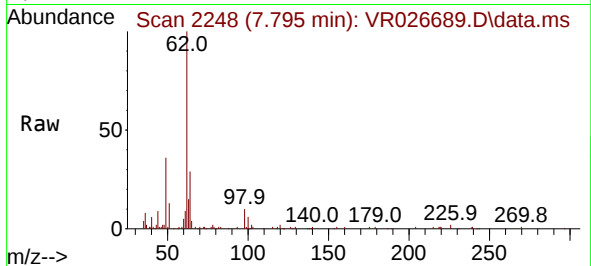




#41
1,2-Dichloroethane
Concen: 5.414 ug/l
RT: 7.795 min Scan# 21
Delta R.T. -0.006 min
Lab File: VR026689.D
Acq: 4 Aug 2025 11:08

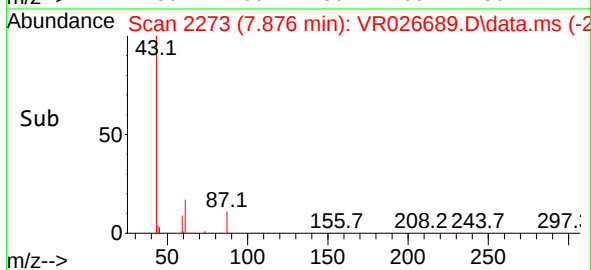
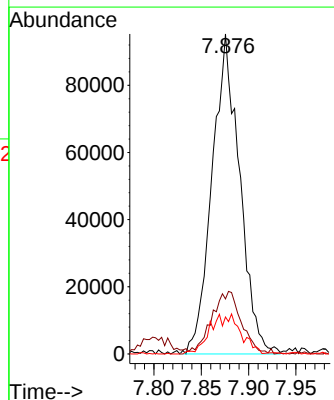
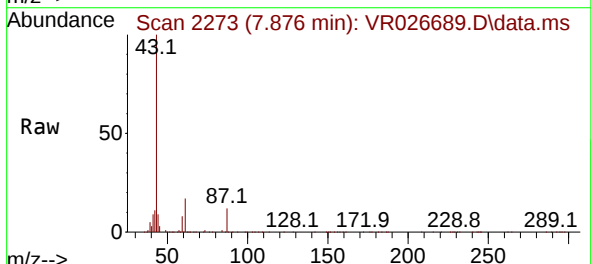
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC010

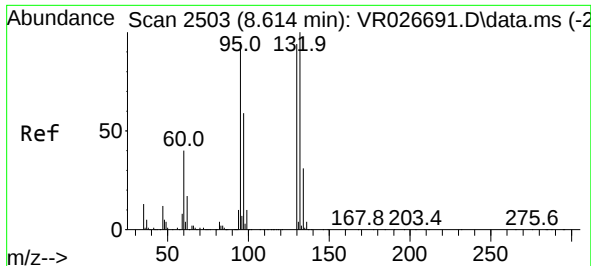
Tgt Ion: 62 Resp: 49248
Ion Ratio Lower Upper
62 100
98 23.7 0.0 22.2#



#42
Isopropyl Acetate
Concen: 10.090 ug/l
RT: 7.876 min Scan# 2273
Delta R.T. -0.000 min
Lab File: VR026689.D
Acq: 4 Aug 2025 11:08

Tgt Ion: 43 Resp: 192905
Ion Ratio Lower Upper
43 100
61 20.4 17.9 26.9
87 6.4 10.8 16.2#

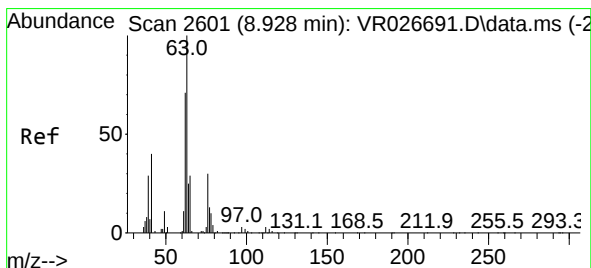
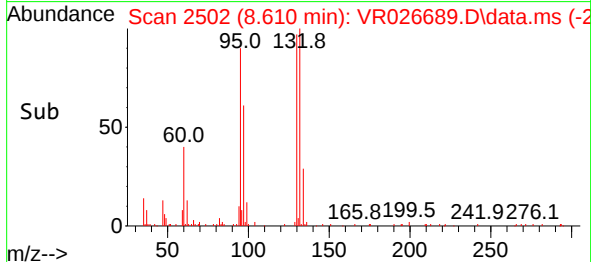
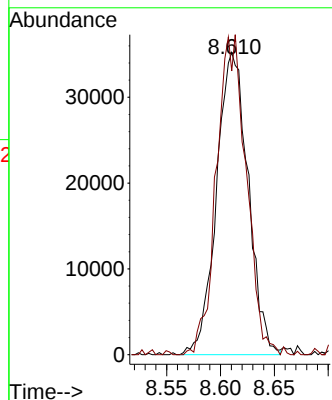
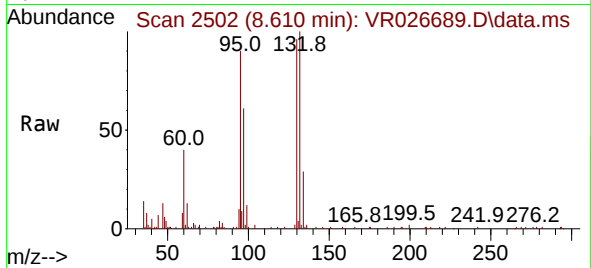




#43
 Trichloroethene
 Concen: 10.445 ug/l
 RT: 8.610 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VR026689.D
 Acq: 4 Aug 2025 11:08

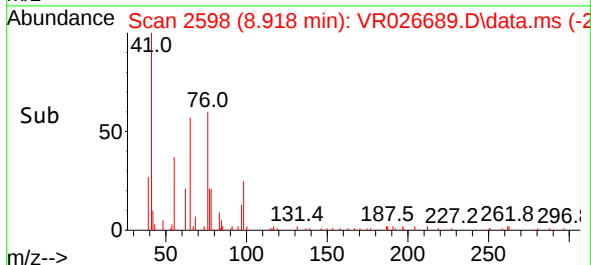
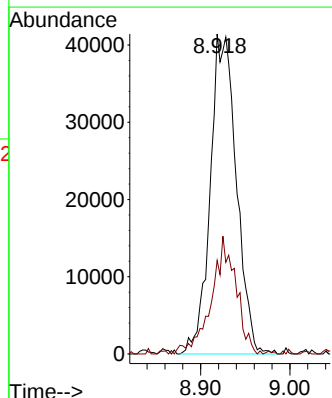
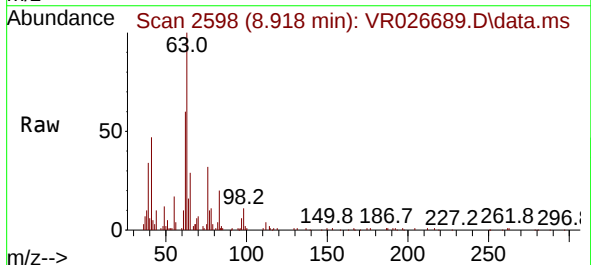
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDIC010

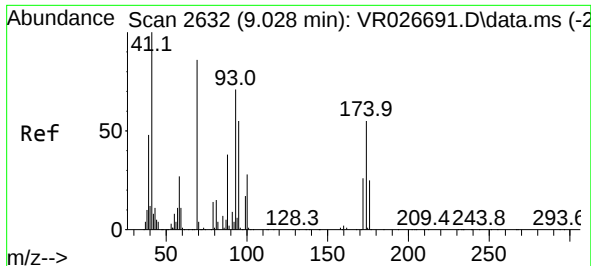
Tgt Ion:130 Resp: 71844
 Ion Ratio Lower Upper
 130 100
 95 93.9 0.0 200.6



#44
 1,2-Dichloropropane
 Concen: 9.965 ug/l
 RT: 8.918 min Scan# 2598
 Delta R.T. -0.010 min
 Lab File: VR026689.D
 Acq: 4 Aug 2025 11:08

Tgt Ion: 63 Resp: 84337
 Ion Ratio Lower Upper
 63 100
 65 29.2 23.8 35.8

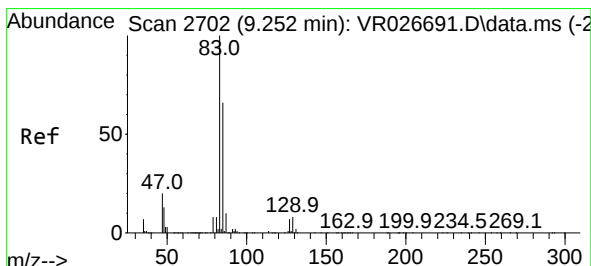
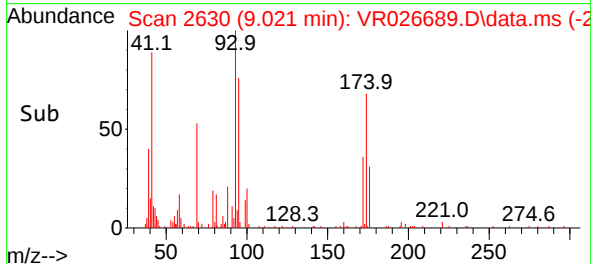
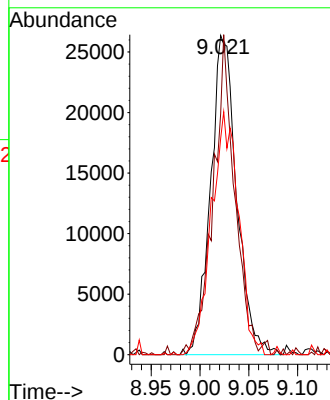
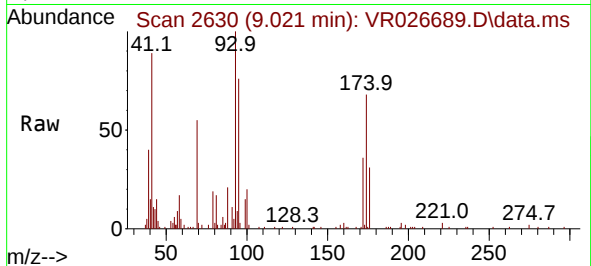




#45
Dibromomethane
Concen: 10.430 ug/l
RT: 9.021 min Scan# 2630
Delta R.T. -0.006 min
Lab File: VR026689.D
Acq: 4 Aug 2025 11:08

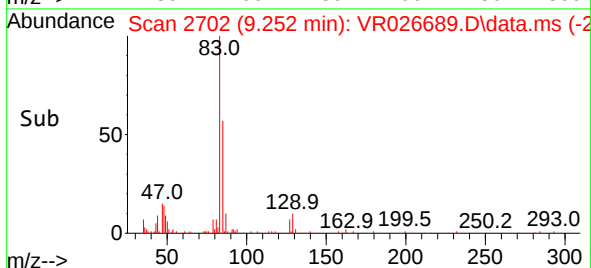
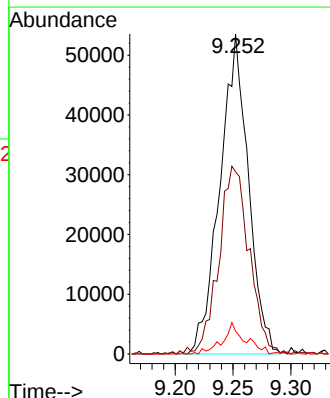
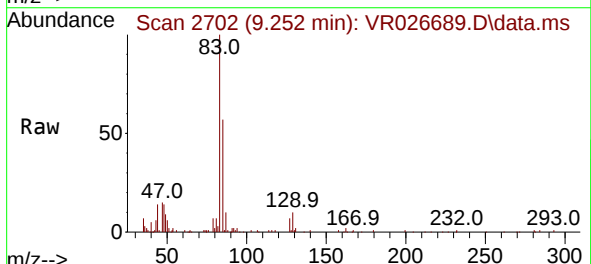
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC010

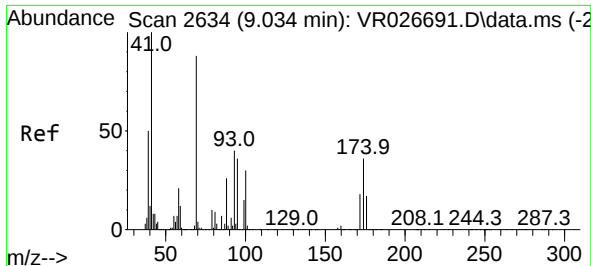
Tgt Ion: 93 Resp: 49095
Ion Ratio Lower Upper
93 100
95 82.3 69.4 104.0
174 79.3 66.9 100.3



#46
Bromodichloromethane
Concen: 10.058 ug/l
RT: 9.252 min Scan# 2702
Delta R.T. -0.000 min
Lab File: VR026689.D
Acq: 4 Aug 2025 11:08

Tgt Ion: 83 Resp: 91729
Ion Ratio Lower Upper
83 100
85 56.6 52.6 78.8
127 6.8 5.5 8.3





#47

Methyl methacrylate

Concen: 9.645 ug/l

RT: 9.037 min Scan# 2

Delta R.T. 0.003 min

Lab File: VR026689.D

Acq: 4 Aug 2025 11:08

Instrument :

MSVOA_R

ClientSampleId :

VSTDIC010

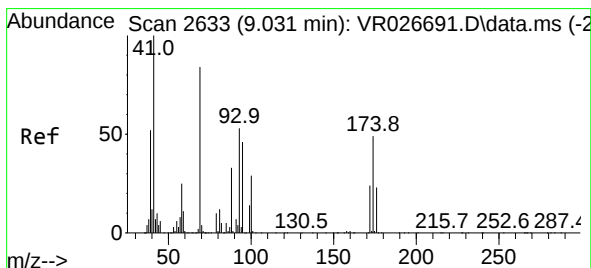
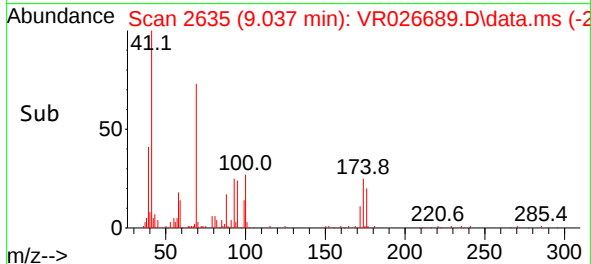
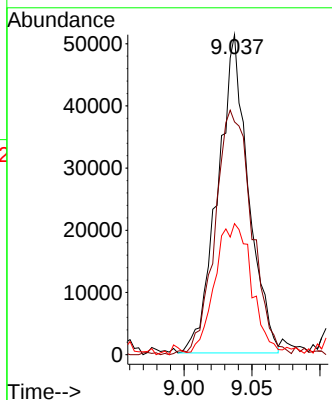
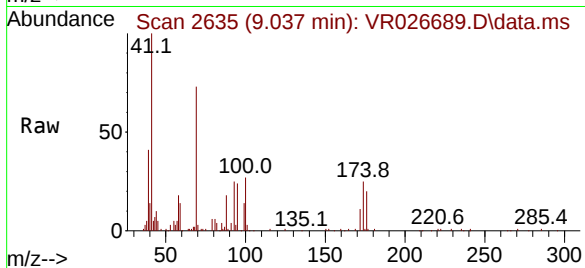
Tgt Ion: 41 Resp: 80703

Ion Ratio Lower Upper

41 100

69 91.3 69.8 104.6

39 47.6 39.4 59.2



#48

1,4-Dioxane

Concen: 171.052 ug/l

RT: 9.028 min Scan# 2632

Delta R.T. -0.003 min

Lab File: VR026689.D

Acq: 4 Aug 2025 11:08

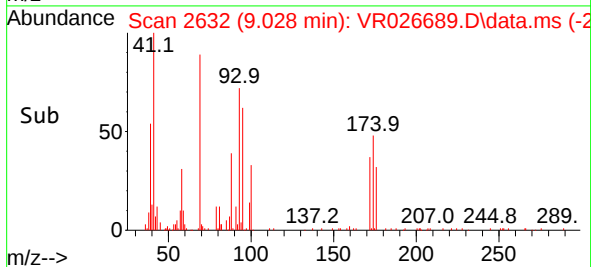
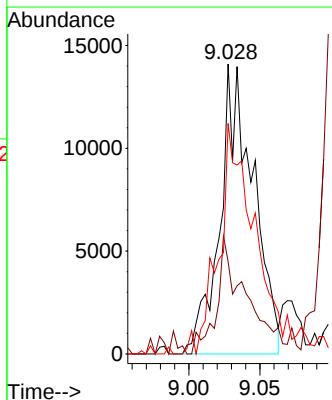
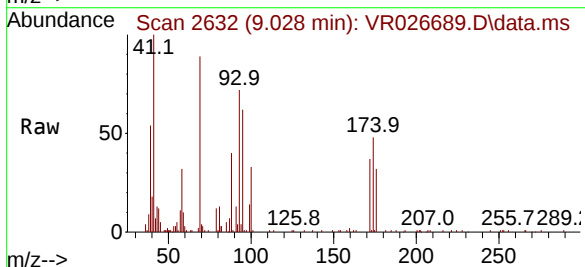
Tgt Ion: 88 Resp: 23055

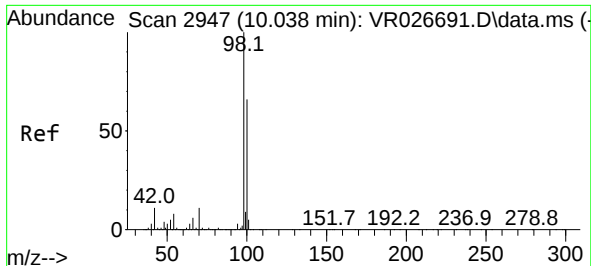
Ion Ratio Lower Upper

88 100

43 36.1 25.2 37.8

58 85.2 60.8 91.2

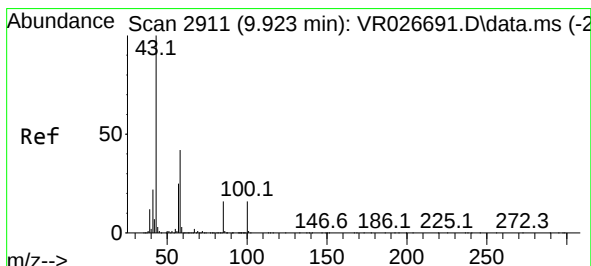
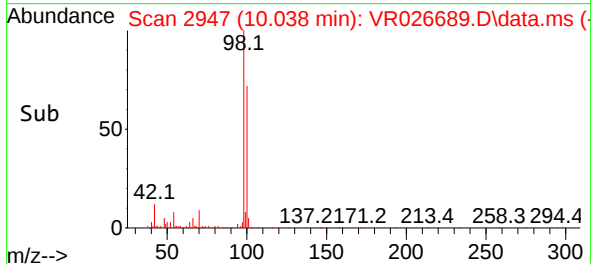
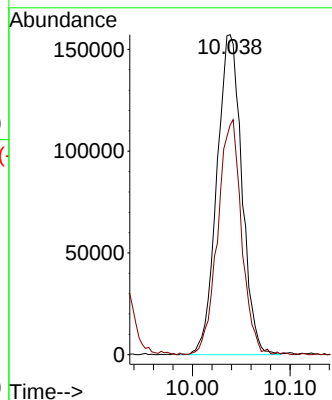
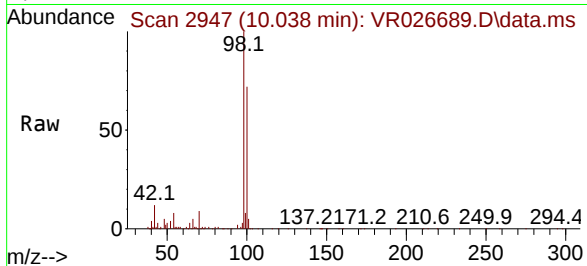




#49
Toluene-d8
Concen: 9.910 ug/l
RT: 10.038 min Scan# 2947
Delta R.T. -0.000 min
Lab File: VR026689.D
Acq: 4 Aug 2025 11:08

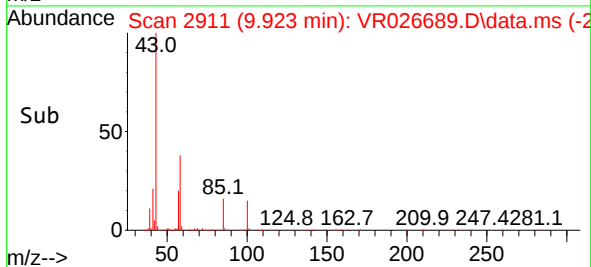
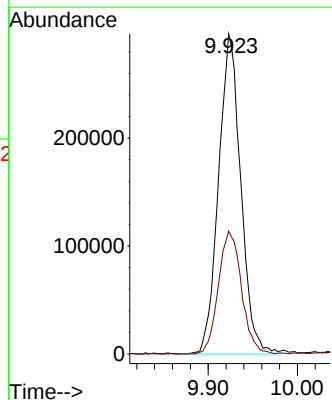
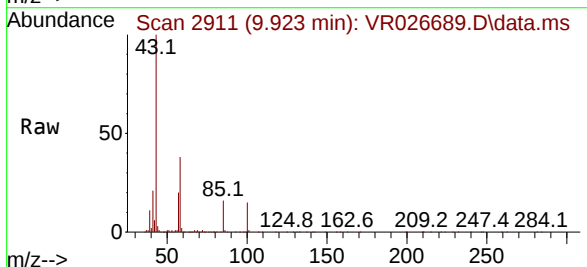
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC010

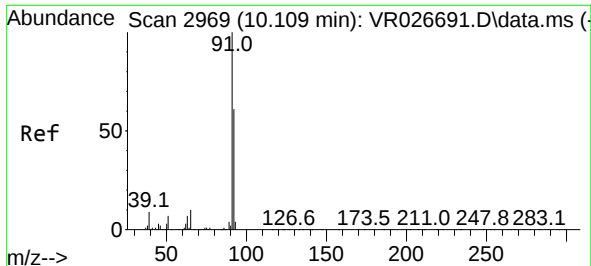
Tgt Ion: 98 Resp: 279496
Ion Ratio Lower Upper
98 100
100 70.1 53.9 80.9



#50
4-Methyl-2-Pentanone
Concen: 51.373 ug/l
RT: 9.923 min Scan# 2911
Delta R.T. -0.000 min
Lab File: VR026689.D
Acq: 4 Aug 2025 11:08

Tgt Ion: 43 Resp: 512756
Ion Ratio Lower Upper
43 100
58 39.8 33.7 50.5

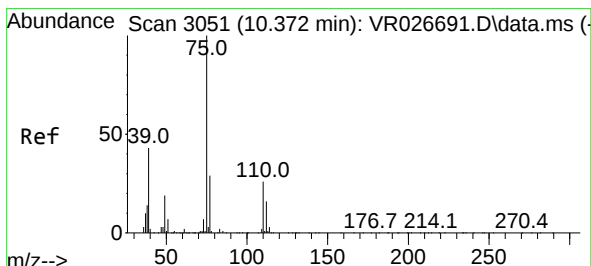
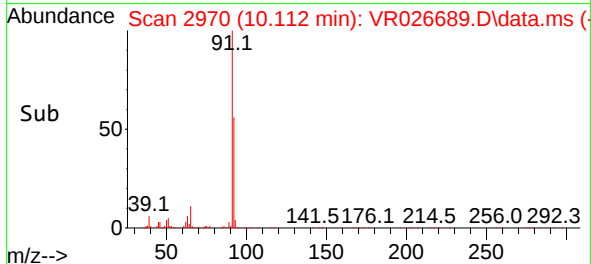
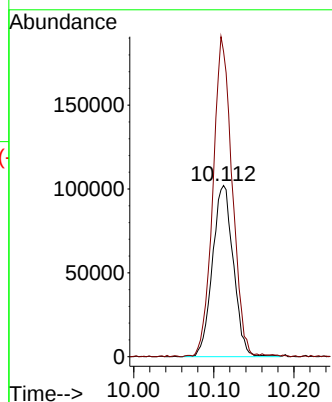
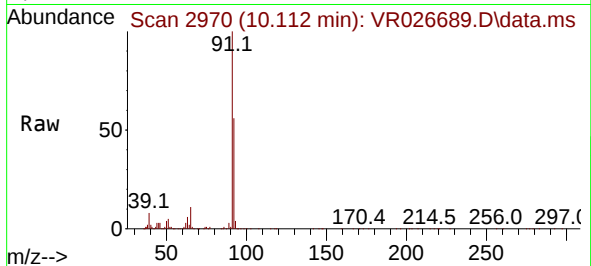




#51
Toluene
Concen: 10.108 ug/l
RT: 10.112 min Scan# 2969
Delta R.T. 0.003 min
Lab File: VR026689.D
Acq: 4 Aug 2025 11:08

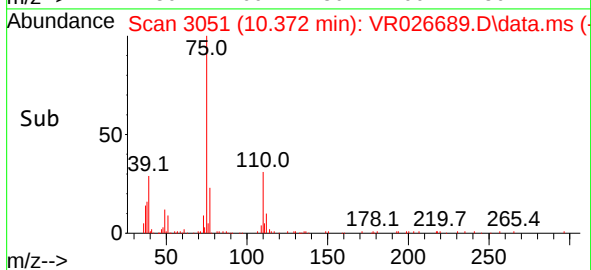
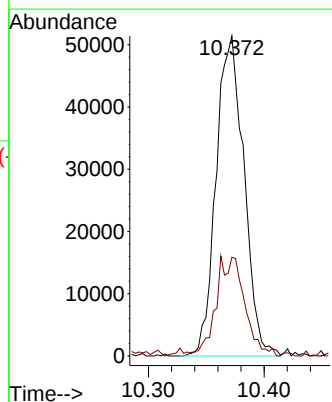
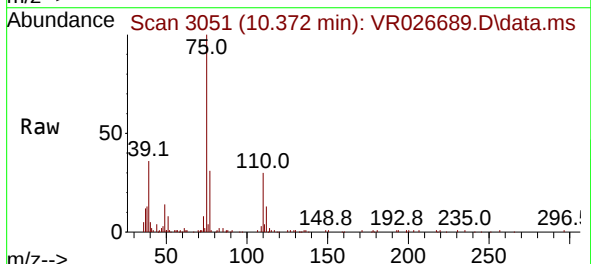
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC010

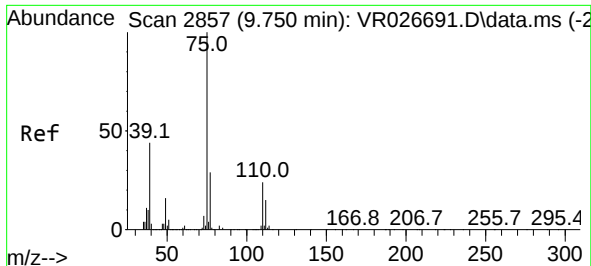
Tgt Ion: 92 Resp: 184555
Ion Ratio Lower Upper
92 100
91 173.0 137.8 206.6



#52
t-1,3-Dichloropropene
Concen: 9.627 ug/l
RT: 10.372 min Scan# 3051
Delta R.T. -0.000 min
Lab File: VR026689.D
Acq: 4 Aug 2025 11:08

Tgt Ion: 75 Resp: 86058
Ion Ratio Lower Upper
75 100
77 30.9 23.4 35.2

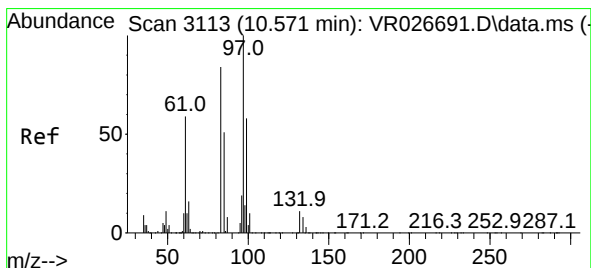
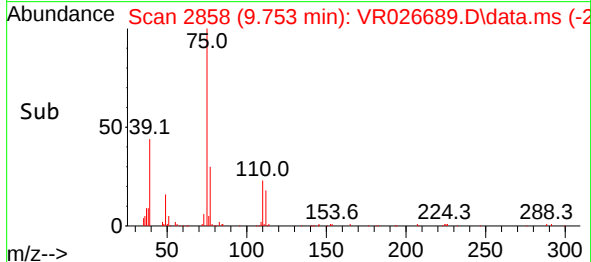
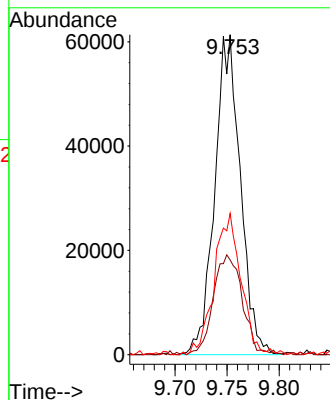
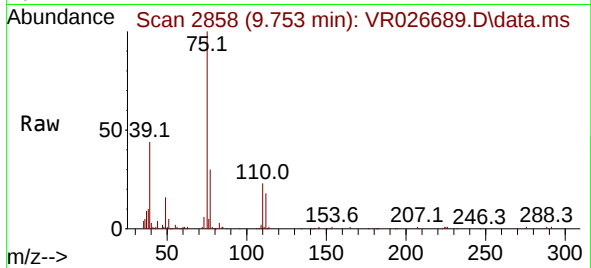




#53
 cis-1,3-Dichloropropene
 Concen: 9.795 ug/l
 RT: 9.753 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VR026689.D
 Acq: 4 Aug 2025 11:08

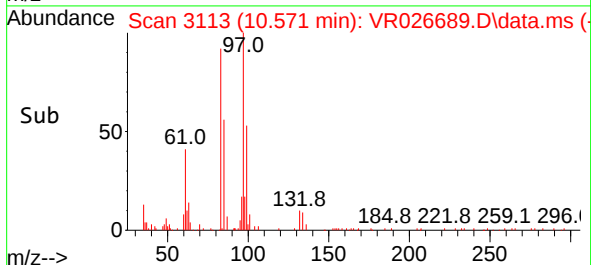
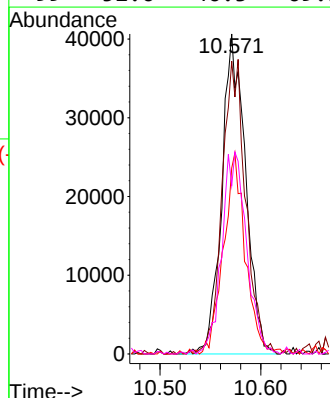
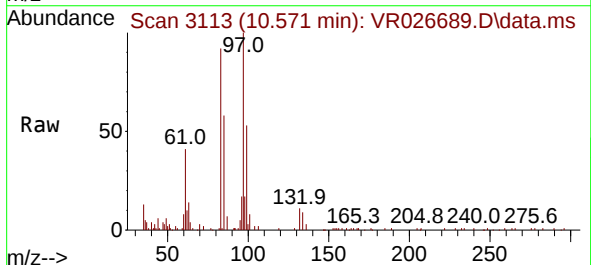
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDIC010

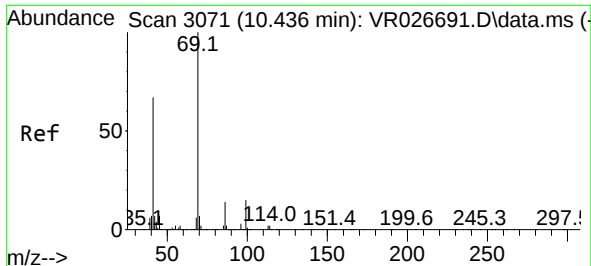
Tgt Ion: 75 Resp: 105026
 Ion Ratio Lower Upper
 75 100
 77 29.3 22.9 34.3
 39 44.1 34.8 52.2



#54
 1,1,2-Trichloroethane
 Concen: 9.956 ug/l
 RT: 10.571 min Scan# 3113
 Delta R.T. -0.000 min
 Lab File: VR026689.D
 Acq: 4 Aug 2025 11:08

Tgt Ion: 97 Resp: 66385
 Ion Ratio Lower Upper
 97 100
 83 90.9 67.4 101.2
 85 56.7 40.4 60.6
 99 52.6 46.3 69.5





#55

Ethyl methacrylate

Concen: 9.470 ug/l

RT: 10.439 min Scan# 3071

Delta R.T. 0.003 min

Lab File: VR026689.D

Acq: 4 Aug 2025 11:08

Instrument :

MSVOA_R

ClientSampleId :

VSTDIC010

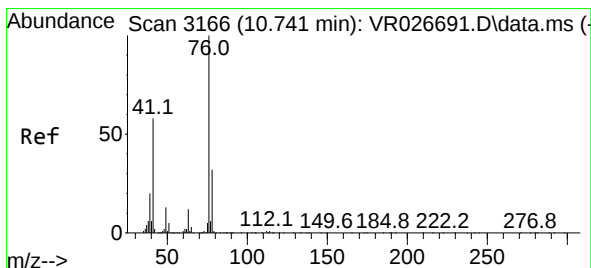
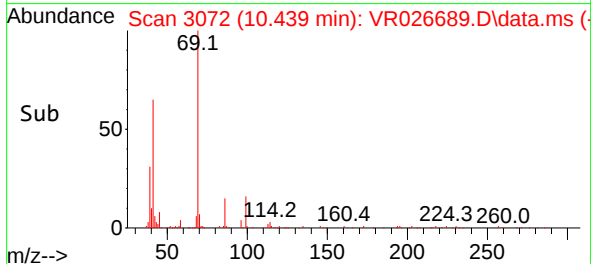
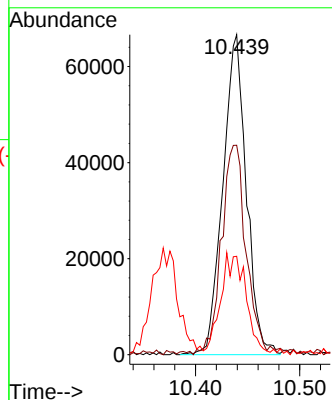
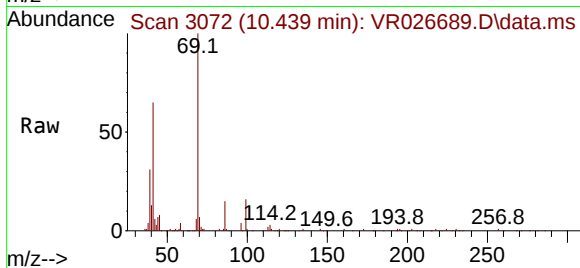
Tgt Ion: 69 Resp: 104277

Ion Ratio Lower Upper

69 100

41 69.4 51.5 77.3

39 32.9 24.7 37.1



#56

1,3-Dichloropropane

Concen: 9.942 ug/l

RT: 10.738 min Scan# 3165

Delta R.T. -0.003 min

Lab File: VR026689.D

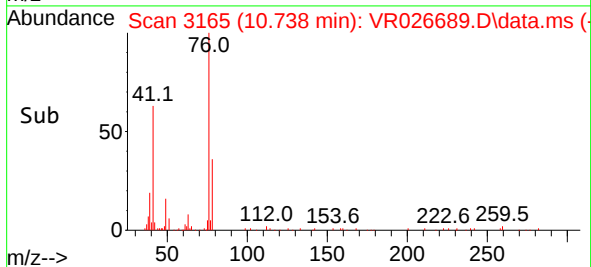
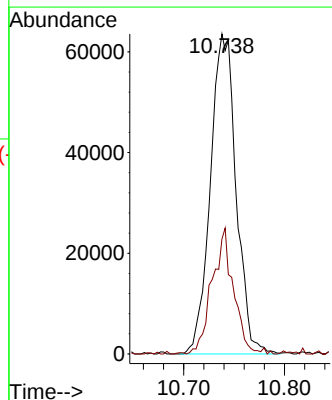
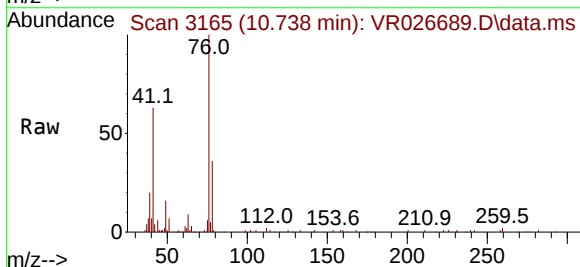
Acq: 4 Aug 2025 11:08

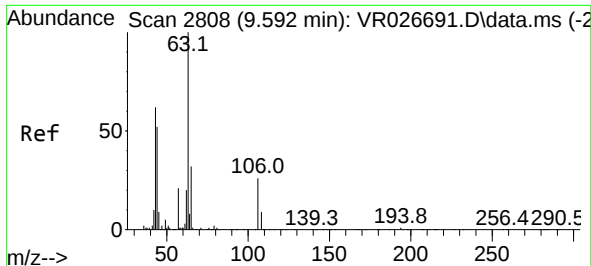
Tgt Ion: 76 Resp: 112913

Ion Ratio Lower Upper

76 100

78 32.5 25.8 38.6





#57

2-Chloroethyl Vinyl ether

Concen: 37.995 ug/l

RT: 9.596 min Scan# 2809

Delta R.T. 0.003 min

Lab File: VR026689.D

Acq: 4 Aug 2025 11:08

Instrument :

MSVOA_R

ClientSampleId :

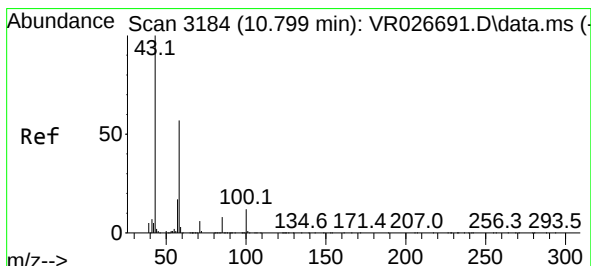
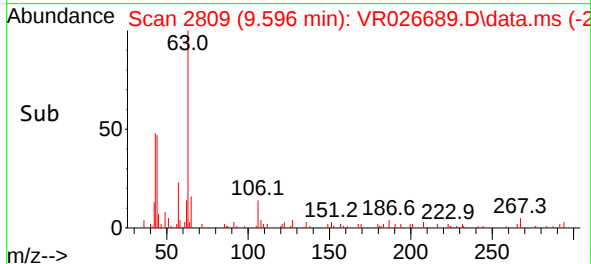
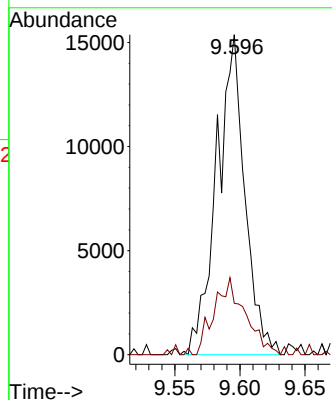
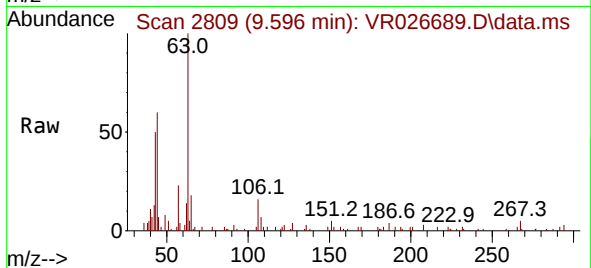
VSTDIC010

Tgt Ion: 63 Resp: 23120

Ion Ratio Lower Upper

63 100

106 26.5 22.5 33.7



#58

2-Hexanone

Concen: 48.643 ug/l

RT: 10.802 min Scan# 3185

Delta R.T. 0.003 min

Lab File: VR026689.D

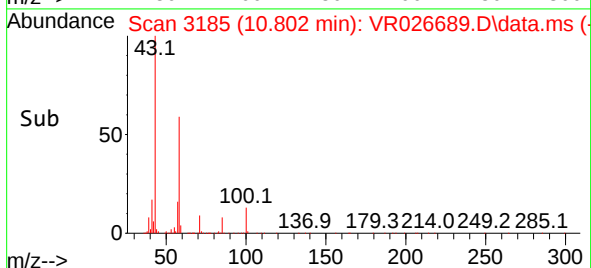
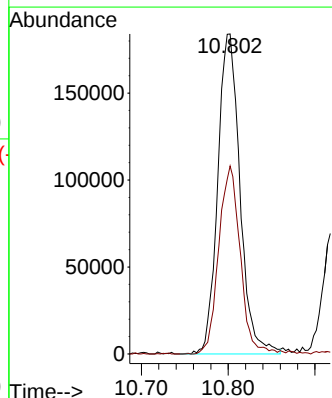
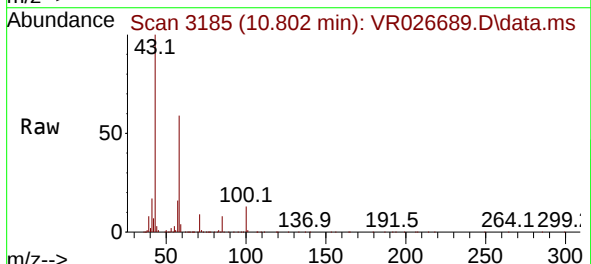
Acq: 4 Aug 2025 11:08

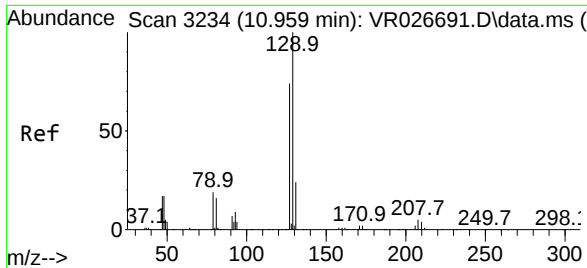
Tgt Ion: 43 Resp: 327300

Ion Ratio Lower Upper

43 100

58 56.9 28.8 86.4

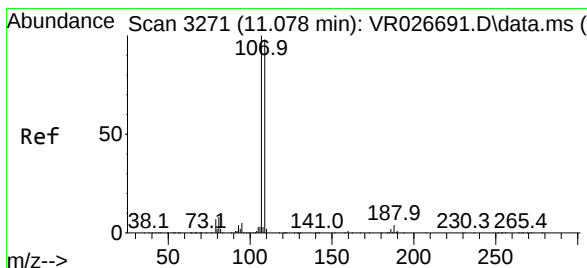
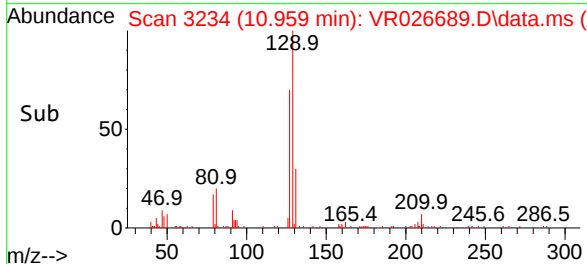
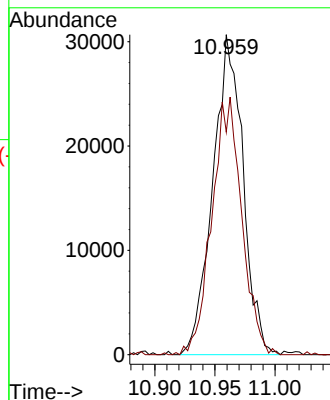
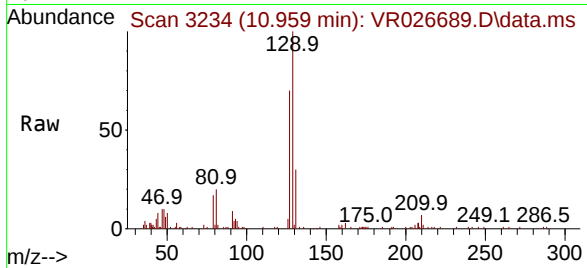




#59
 Dibromochloromethane
 Concen: 9.470 ug/l
 RT: 10.959 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VR026689.D
 Acq: 4 Aug 2025 11:08

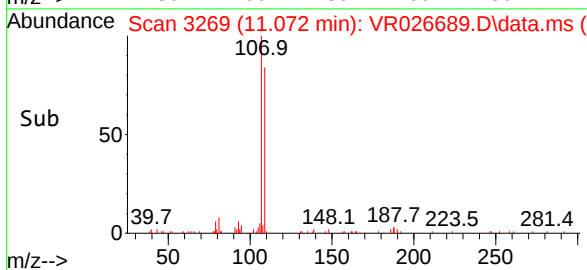
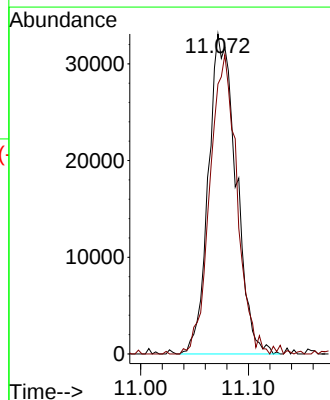
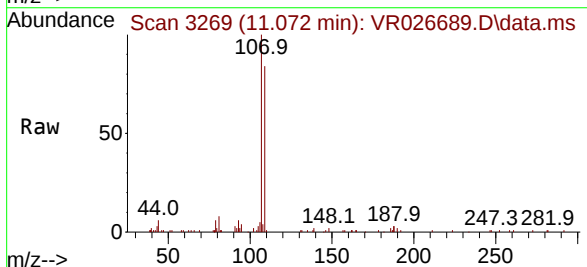
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDIC010

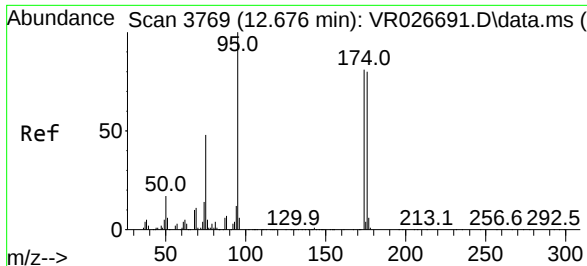
Tgt Ion:129 Resp: 53441
 Ion Ratio Lower Upper
 129 100
 127 79.8 38.9 116.6



#60
 1,2-Dibromoethane
 Concen: 10.261 ug/l
 RT: 11.072 min Scan# 3269
 Delta R.T. -0.006 min
 Lab File: VR026689.D
 Acq: 4 Aug 2025 11:08

Tgt Ion:107 Resp: 58884
 Ion Ratio Lower Upper
 107 100
 109 91.1 75.9 113.9

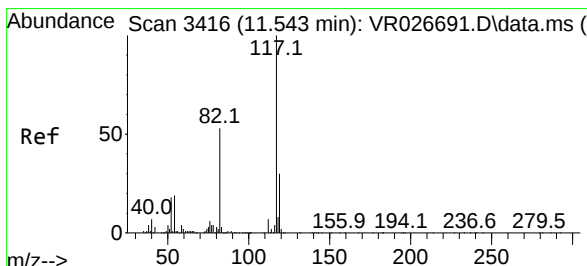
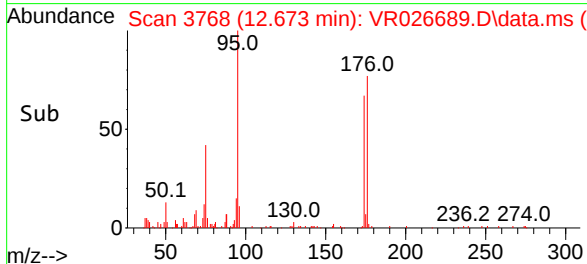
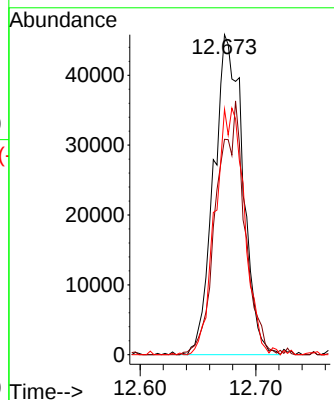
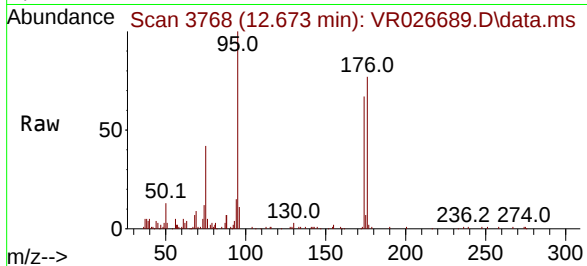




#61
4-Bromofluorobenzene
Concen: 9.980 ug/l
RT: 12.673 min Scan# 31
Delta R.T. -0.003 min
Lab File: VR026689.D
Acq: 4 Aug 2025 11:08

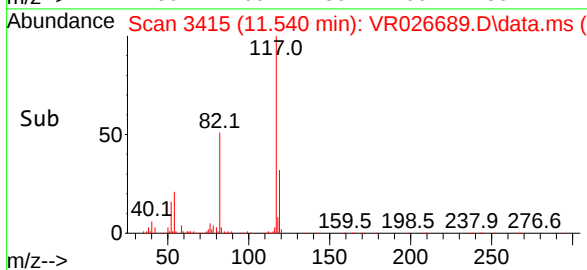
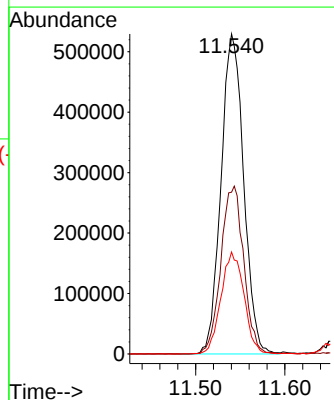
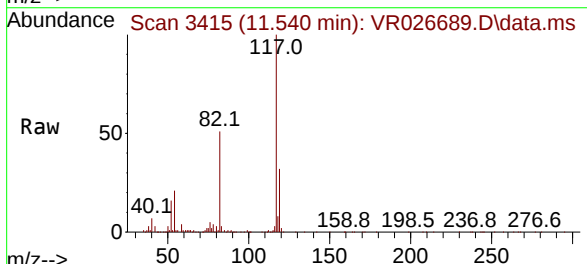
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC010

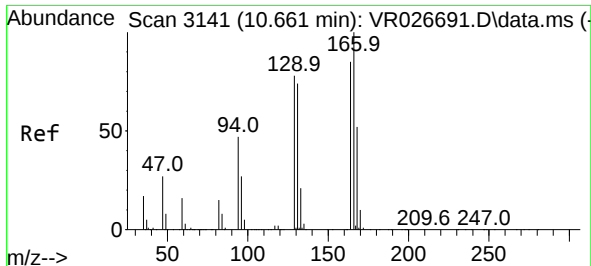
Tgt Ion: 95 Resp: 80057
Ion Ratio Lower Upper
95 100
174 76.1 0.0 158.4
176 77.5 0.0 149.0



#62
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.540 min Scan# 3415
Delta R.T. -0.003 min
Lab File: VR026689.D
Acq: 4 Aug 2025 11:08

Tgt Ion: 117 Resp: 932422
Ion Ratio Lower Upper
117 100
82 50.6 42.0 63.0
119 31.8 23.9 35.9

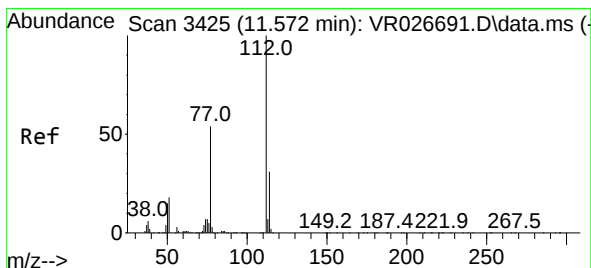
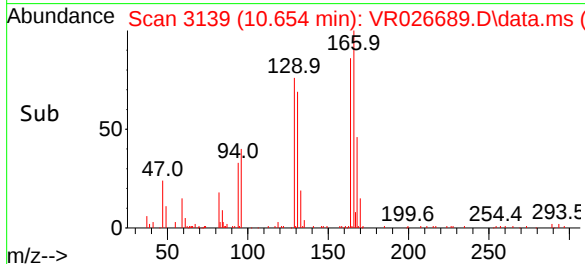
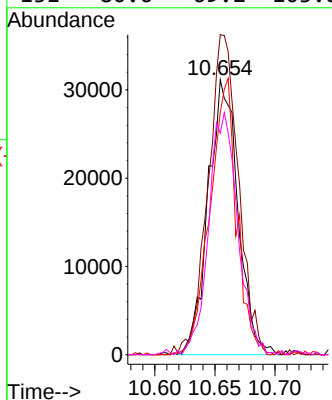
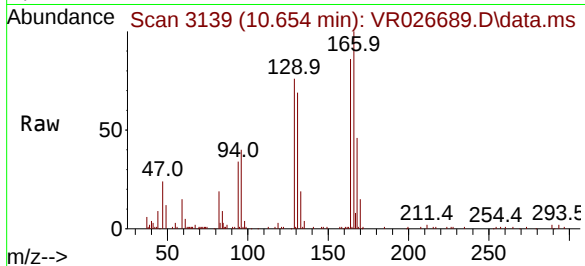




#63
Tetrachloroethene
Concen: 10.546 ug/l
RT: 10.654 min Scan# 3141
Delta R.T. -0.006 min
Lab File: VR026689.D
Acq: 4 Aug 2025 11:08

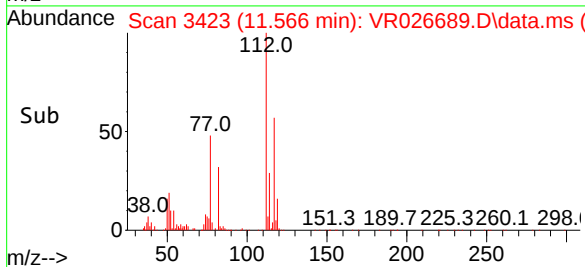
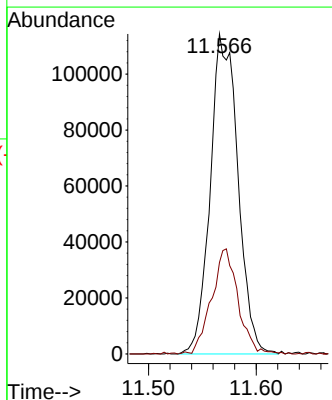
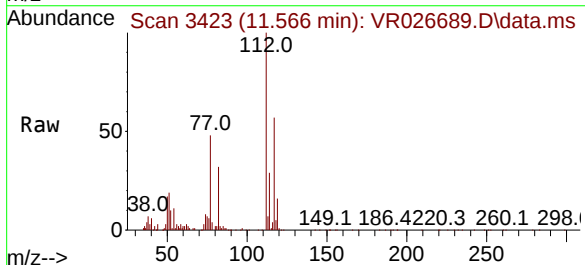
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC010

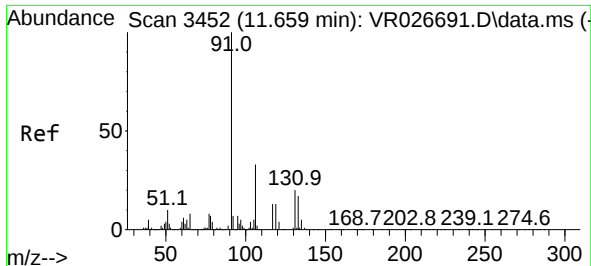
Tgt	Ion:164	Resp:	53719
Ion	Ratio	Lower	Upper
164	100		
166	115.7	93.7	140.5
129	87.6	73.4	110.2
131	80.6	69.2	103.8



#64
Chlorobenzene
Concen: 10.496 ug/l
RT: 11.566 min Scan# 3423
Delta R.T. -0.006 min
Lab File: VR026689.D
Acq: 4 Aug 2025 11:08

Tgt	Ion:112	Resp:	203672
Ion	Ratio	Lower	Upper
112	100		
114	28.6	25.0	37.6

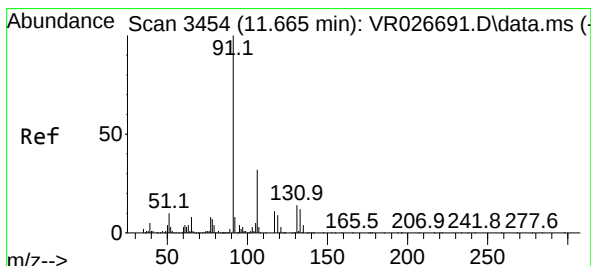
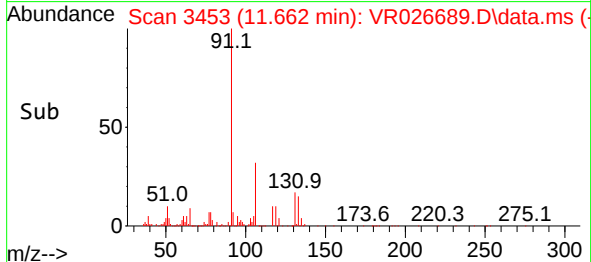
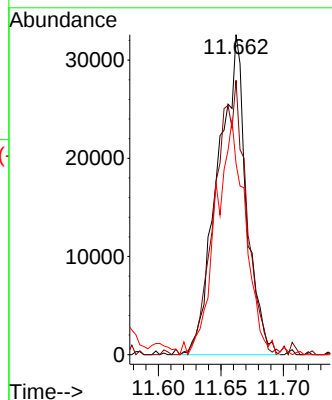
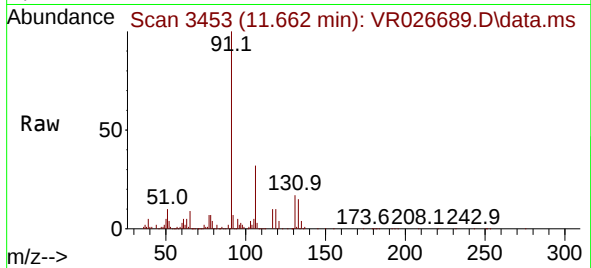




#65
1,1,1,2-Tetrachloroethane
Concen: 9.807 ug/l
RT: 11.662 min Scan# 3453
Delta R.T. 0.003 min
Lab File: VR026689.D
Acq: 4 Aug 2025 11:08

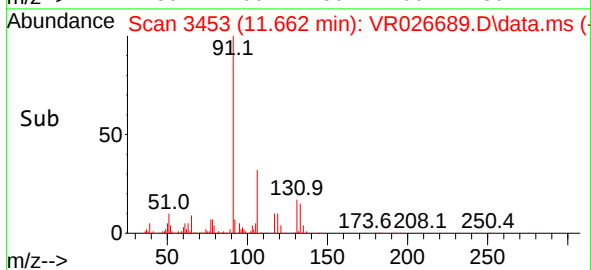
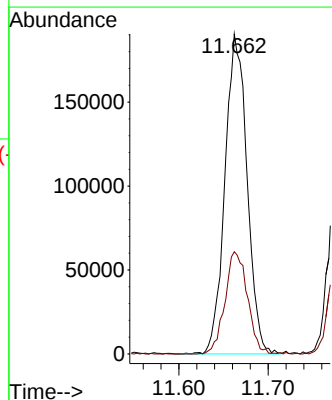
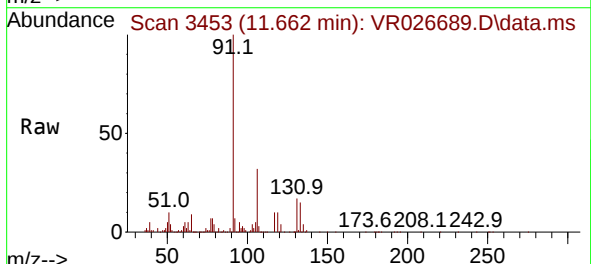
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC010

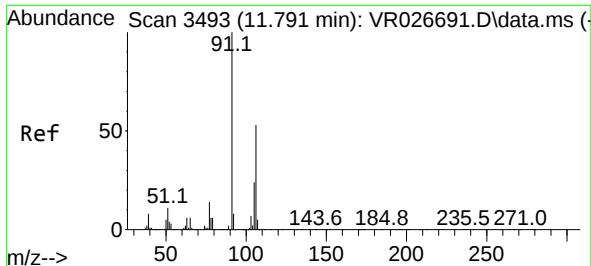
Tgt Ion:131 Resp: 51981
Ion Ratio Lower Upper
131 100
133 93.4 46.2 138.5
119 76.9 35.7 107.1



#66
Ethyl Benzene
Concen: 10.109 ug/l
RT: 11.662 min Scan# 3453
Delta R.T. -0.003 min
Lab File: VR026689.D
Acq: 4 Aug 2025 11:08

Tgt Ion: 91 Resp: 327558
Ion Ratio Lower Upper
91 100
106 32.0 25.4 38.0

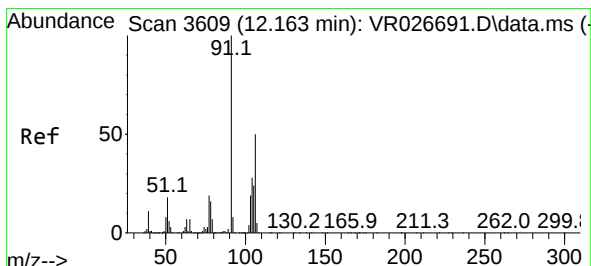
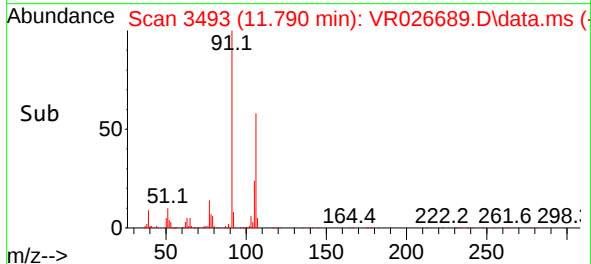
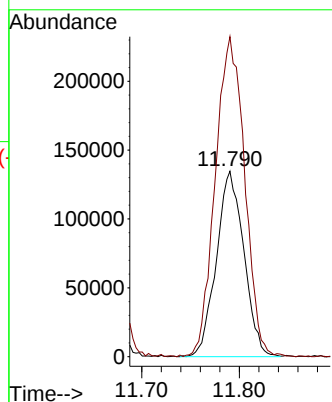
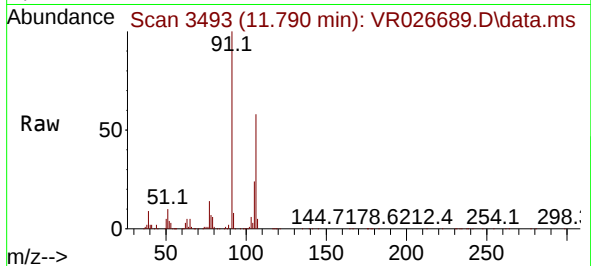




#67
m/p-Xylenes
Concen: 20.331 ug/l
RT: 11.790 min Scan# 3493
Delta R.T. -0.000 min
Lab File: VR026689.D
Acq: 4 Aug 2025 11:08

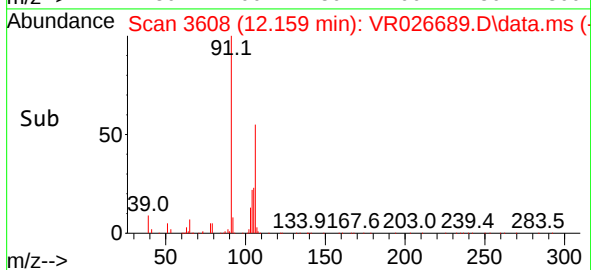
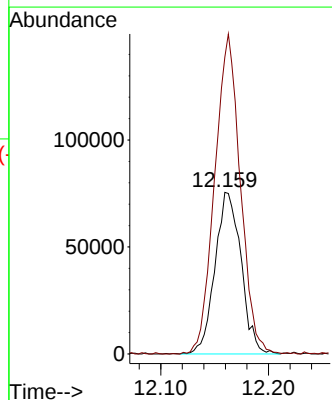
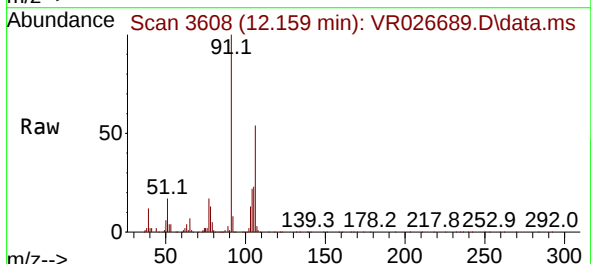
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC010

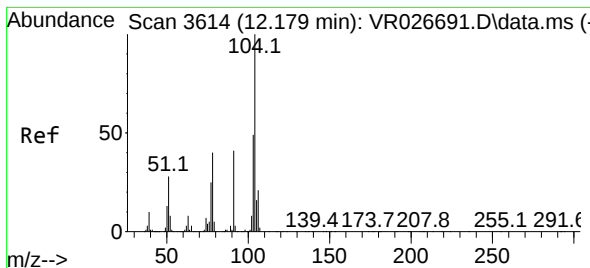
Tgt Ion:106 Resp: 263190
Ion Ratio Lower Upper
106 100
91 184.5 146.8 220.2



#68
o-Xylene
Concen: 10.094 ug/l
RT: 12.159 min Scan# 3608
Delta R.T. -0.003 min
Lab File: VR026689.D
Acq: 4 Aug 2025 11:08

Tgt Ion:106 Resp: 126845
Ion Ratio Lower Upper
106 100
91 194.9 97.9 293.6





#69

Styrene

Concen: 10.099 ug/l

RT: 12.182 min Scan# 3615

Delta R.T. 0.003 min

Lab File: VR026689.D

Acq: 4 Aug 2025 11:08

Instrument :

MSVOA_R

ClientSampleId :

VSTDIC010

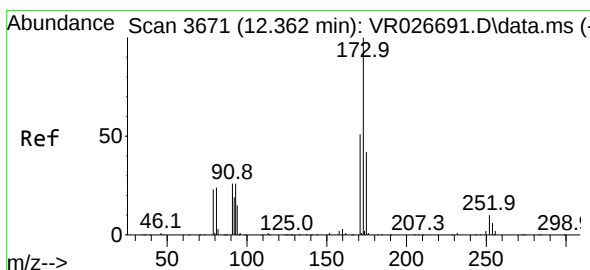
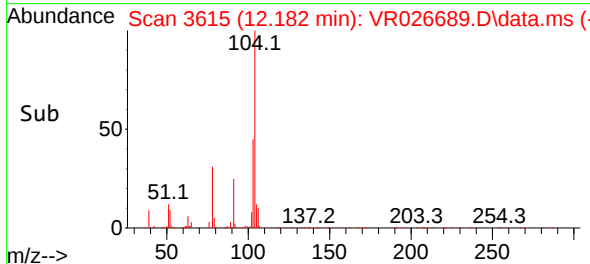
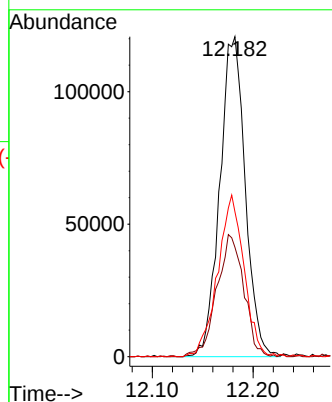
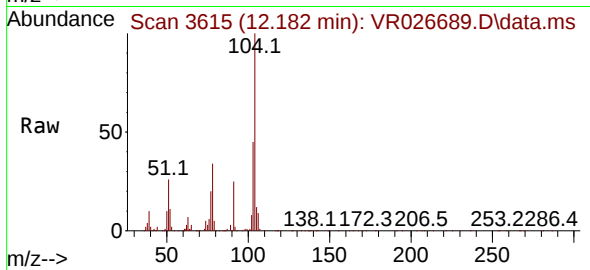
Tgt Ion:104 Resp: 212066

Ion Ratio Lower Upper

104 100

78 40.3 34.5 51.7

103 51.9 43.2 64.8



#70

Bromoform

Concen: 9.083 ug/l

RT: 12.362 min Scan# 3671

Delta R.T. -0.000 min

Lab File: VR026689.D

Acq: 4 Aug 2025 11:08

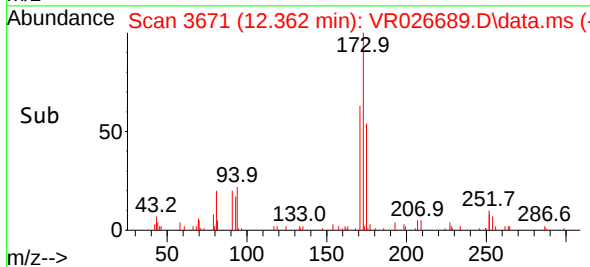
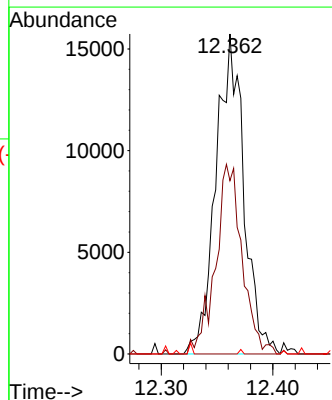
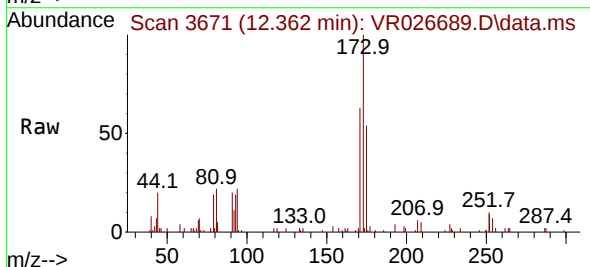
Tgt Ion:173 Resp: 27247

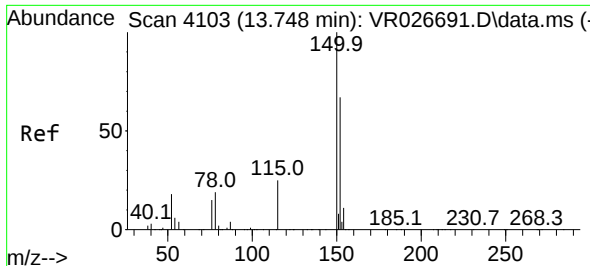
Ion Ratio Lower Upper

173 100

175 56.6 23.6 71.0

254 0.2 0.1 0.1#

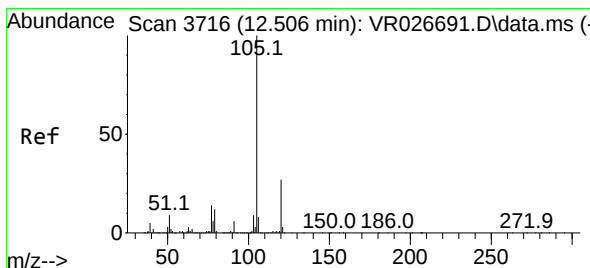
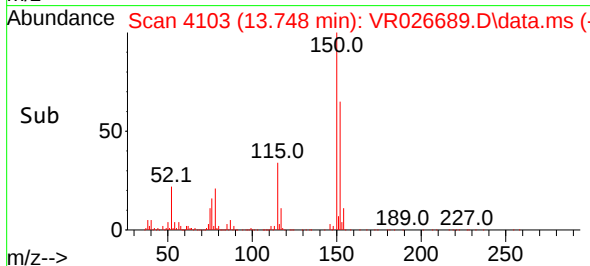
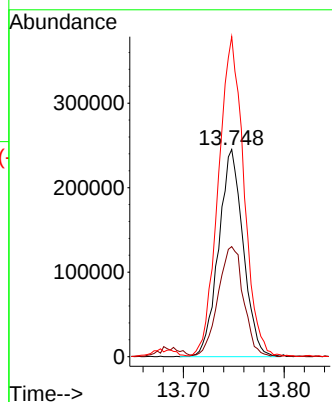
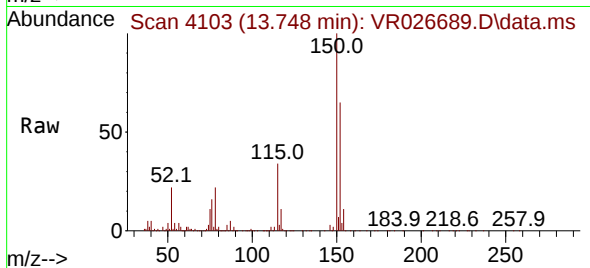




#71
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.748 min Scan# 4103
Delta R.T. -0.000 min
Lab File: VR026689.D
Acq: 4 Aug 2025 11:08

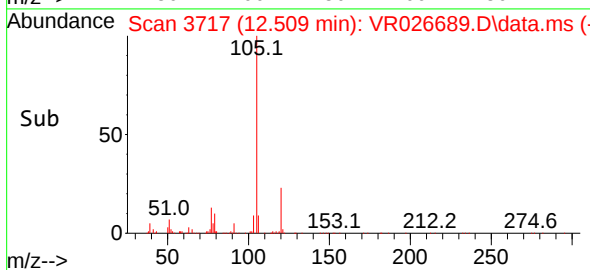
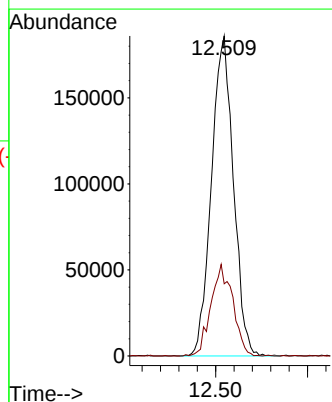
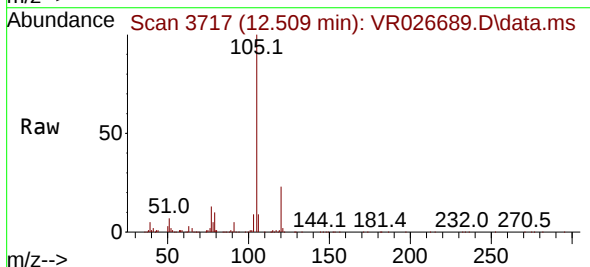
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC010

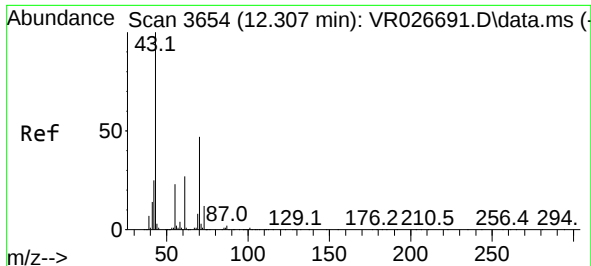
Tgt Ion:152 Resp: 414540
Ion Ratio Lower Upper
152 100
115 54.9 27.8 83.4
150 160.9 0.0 350.4



#72
Isopropylbenzene
Concen: 10.452 ug/l
RT: 12.509 min Scan# 3717
Delta R.T. 0.003 min
Lab File: VR026689.D
Acq: 4 Aug 2025 11:08

Tgt Ion:105 Resp: 308820
Ion Ratio Lower Upper
105 100
120 28.4 14.2 42.8



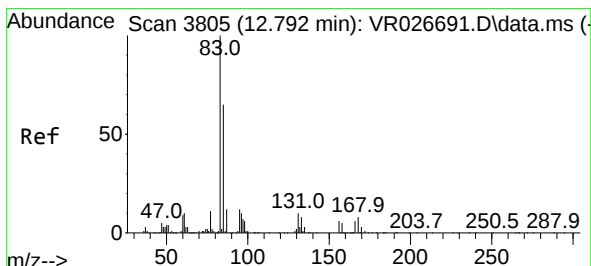
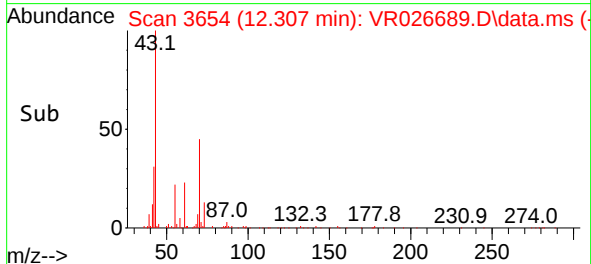
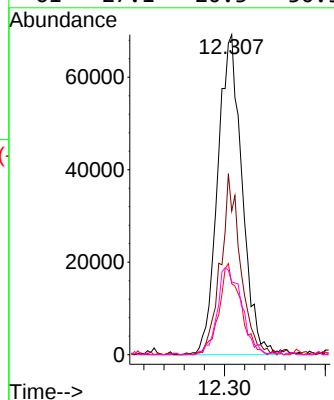
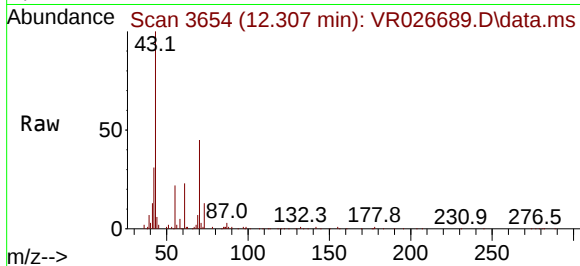


#73
N-ethyl acetate
Concen: 9.904 ug/l
RT: 12.307 min Scan# 30
Delta R.T. -0.000 min
Lab File: VR026689.D
Acq: 4 Aug 2025 11:08

Instrument :
MSVOA_R
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 116027

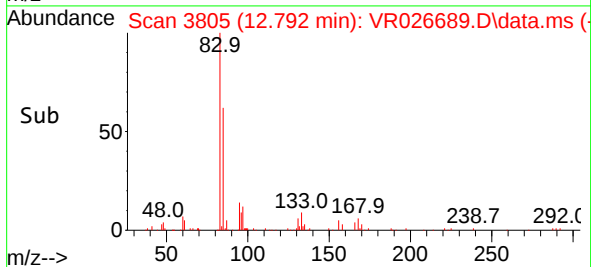
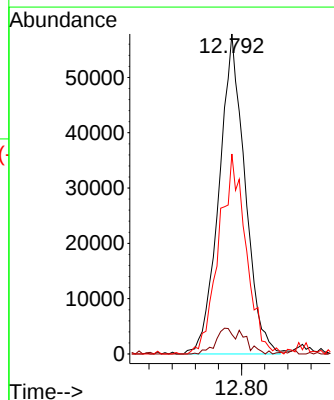
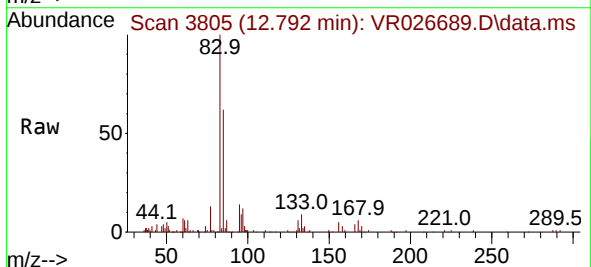
Ion	Ratio	Lower	Upper
43	100		
70	46.2	36.4	54.6
55	25.2	18.7	28.1
61	27.1	20.3	30.5

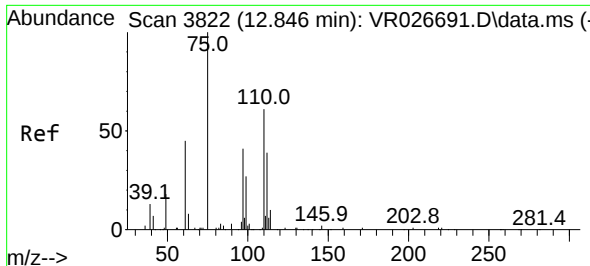


#74
1,1,2,2-Tetrachloroethane
Concen: 10.398 ug/l
RT: 12.792 min Scan# 3805
Delta R.T. -0.000 min
Lab File: VR026689.D
Acq: 4 Aug 2025 11:08

Tgt Ion: 83 Resp: 90136

Ion	Ratio	Lower	Upper
83	100		
131	5.6	4.2	12.4
85	65.1	32.3	96.8

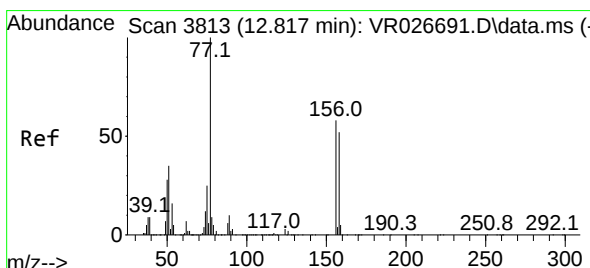
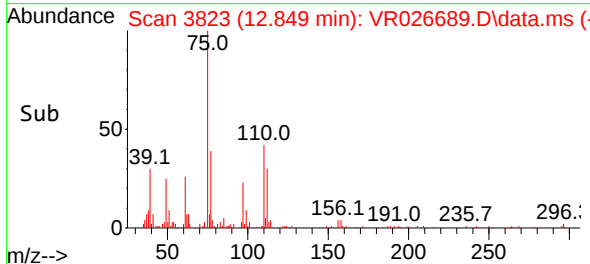
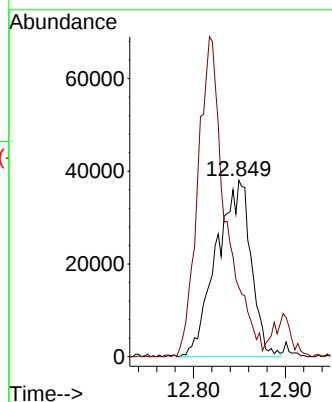
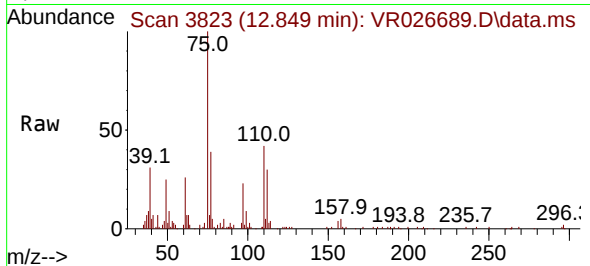




#75
1,2,3-Trichloropropane
Concen: 14.400 ug/l
RT: 12.849 min Scan# 3822
Delta R.T. 0.003 min
Lab File: VR026689.D
Acq: 4 Aug 2025 11:08

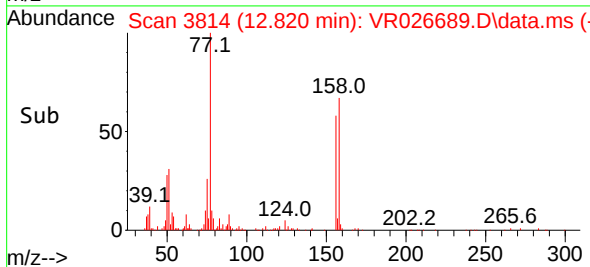
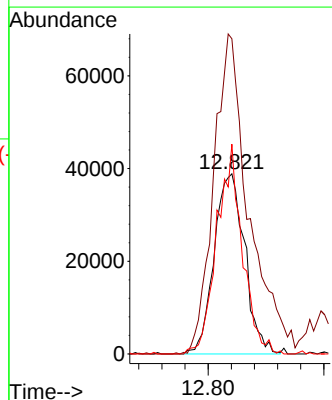
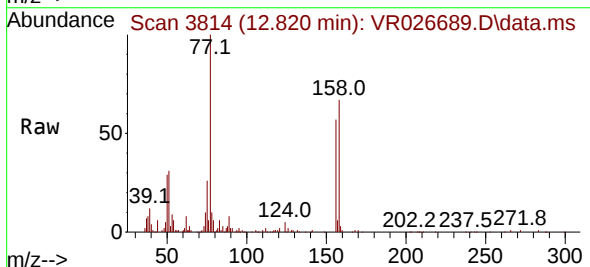
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC010

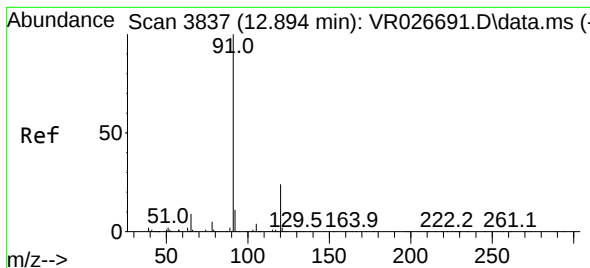
Tgt Ion: 75 Resp: 100016
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#76
Bromobenzene
Concen: 10.433 ug/l
RT: 12.820 min Scan# 3814
Delta R.T. 0.003 min
Lab File: VR026689.D
Acq: 4 Aug 2025 11:08

Tgt Ion:156 Resp: 71338
Ion Ratio Lower Upper
156 100
77 203.4 105.5 316.4
158 97.3 46.4 139.1





#77

n-propylbenzene

Concen: 10.355 ug/l

RT: 12.898 min Scan# 3838

Delta R.T. 0.003 min

Lab File: VR026689.D

Acq: 4 Aug 2025 11:08

Instrument :

MSVOA_R

ClientSampleId :

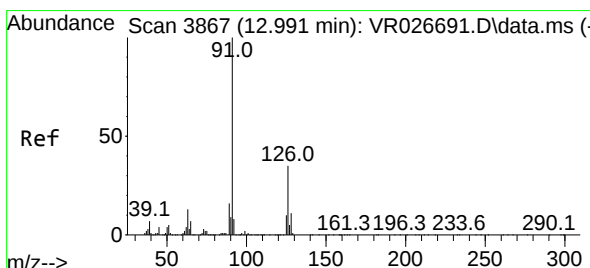
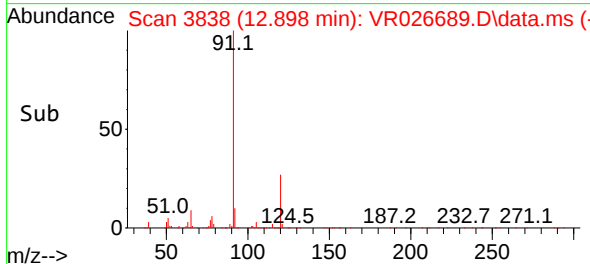
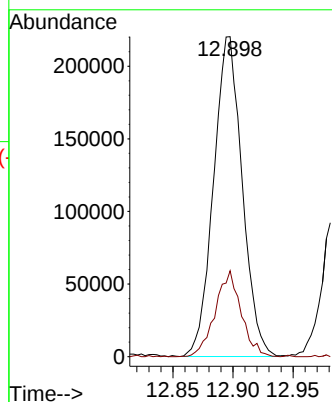
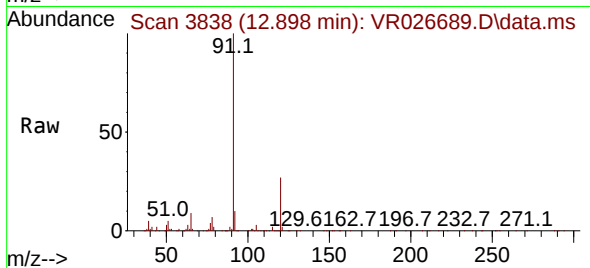
VSTDIC010

Tgt Ion: 91 Resp: 365007

Ion Ratio Lower Upper

91 100

120 24.3 11.9 35.9



#78

2-Chlorotoluene

Concen: 10.425 ug/l

RT: 12.987 min Scan# 3866

Delta R.T. -0.003 min

Lab File: VR026689.D

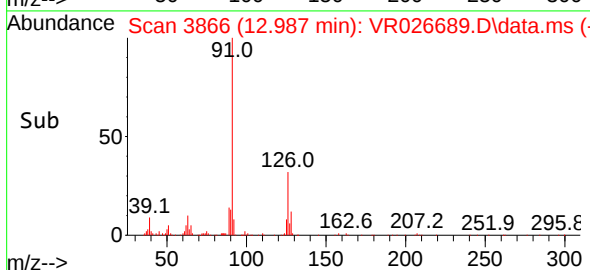
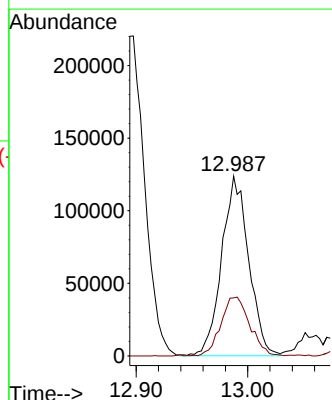
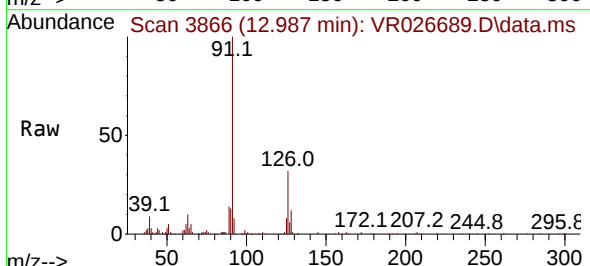
Acq: 4 Aug 2025 11:08

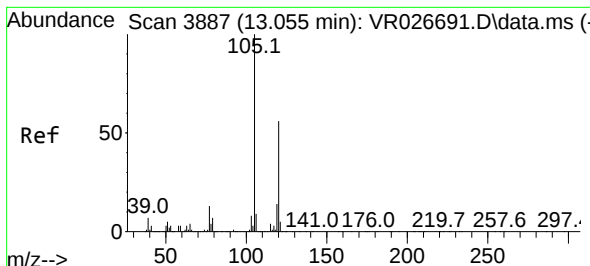
Tgt Ion: 91 Resp: 208498

Ion Ratio Lower Upper

91 100

126 34.6 17.5 52.6





#79

1,3,5-Trimethylbenzene

Concen: 10.297 ug/l

RT: 13.058 min Scan# 3888

Delta R.T. 0.003 min

Lab File: VR026689.D

Acq: 4 Aug 2025 11:08

Instrument :

MSVOA_R

ClientSampleId :

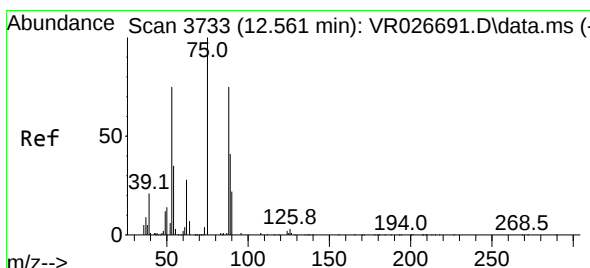
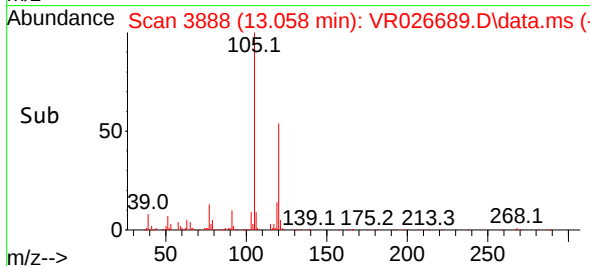
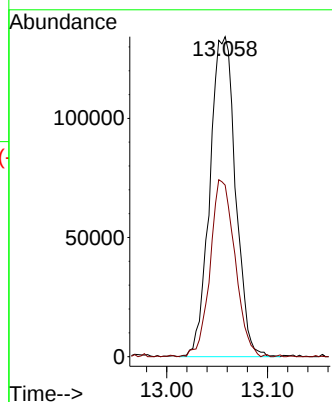
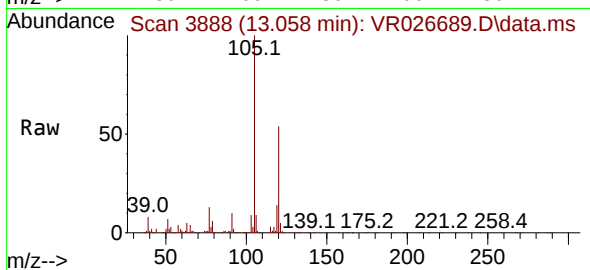
VSTDIC010

Tgt Ion:105 Resp: 237903

Ion Ratio Lower Upper

105 100

120 53.2 26.6 79.7



#80

trans-1,4-Dichloro-2-butene

Concen: 9.509 ug/l

RT: 12.564 min Scan# 3734

Delta R.T. 0.003 min

Lab File: VR026689.D

Acq: 4 Aug 2025 11:08

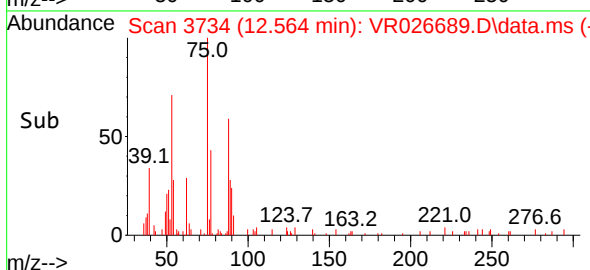
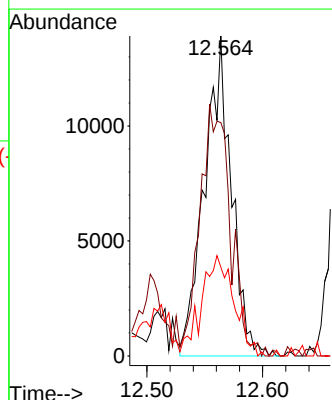
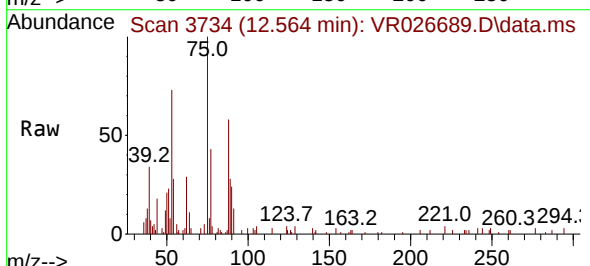
Tgt Ion: 75 Resp: 22433

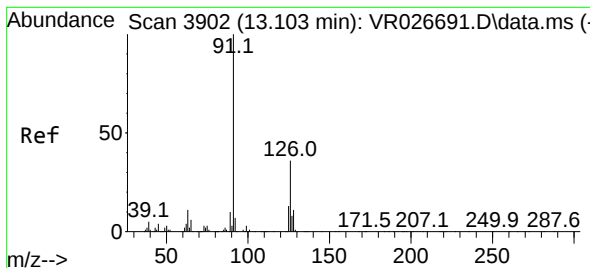
Ion Ratio Lower Upper

75 100

53 89.0 67.8 101.6

89 37.9 34.6 52.0

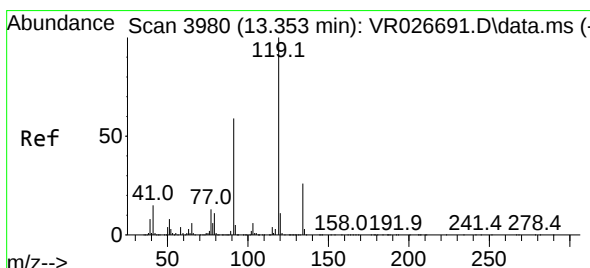
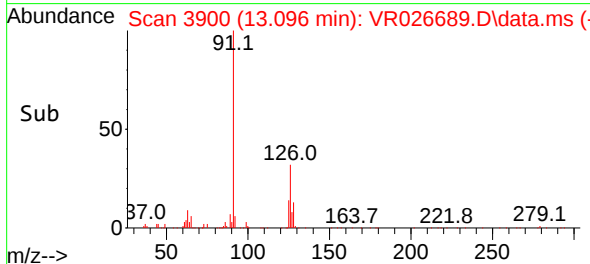
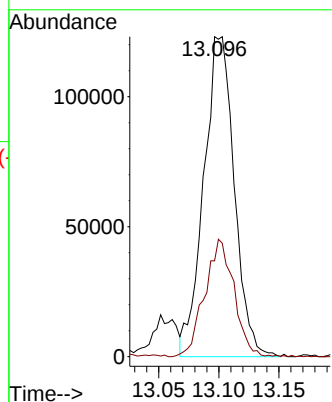
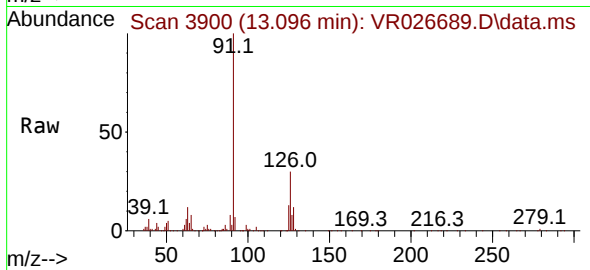




#81
4-Chlorotoluene
Concen: 10.684 ug/l
RT: 13.096 min Scan# 3900
Delta R.T. -0.006 min
Lab File: VR026689.D
Acq: 4 Aug 2025 11:08

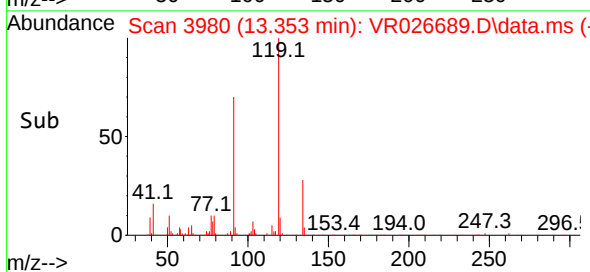
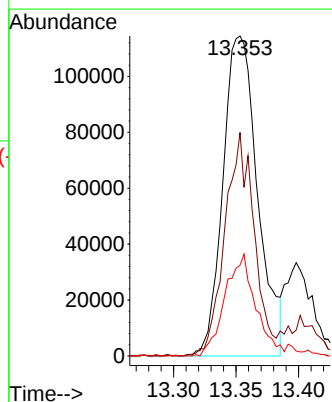
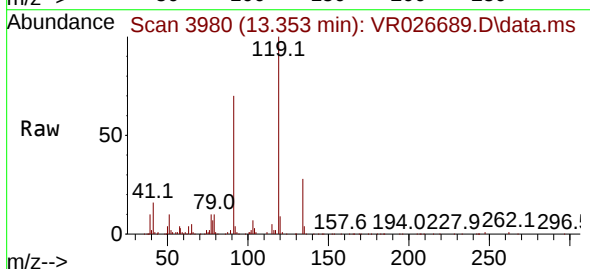
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC010

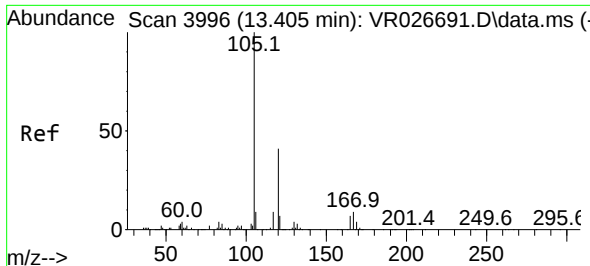
Tgt Ion: 91 Resp: 218285
Ion Ratio Lower Upper
91 100
126 35.0 17.8 53.3



#82
tert-Butylbenzene
Concen: 10.543 ug/l
RT: 13.353 min Scan# 3980
Delta R.T. -0.000 min
Lab File: VR026689.D
Acq: 4 Aug 2025 11:08

Tgt Ion: 119 Resp: 221561
Ion Ratio Lower Upper
119 100
91 58.8 29.9 89.7
134 28.1 13.5 40.4

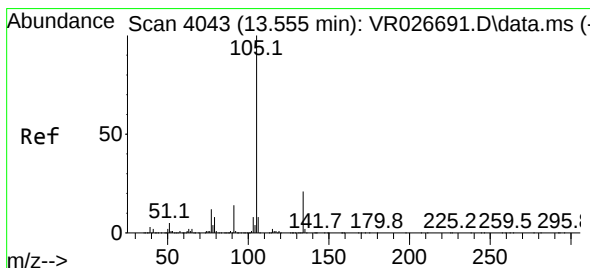
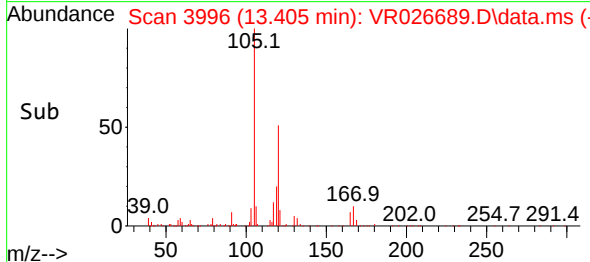
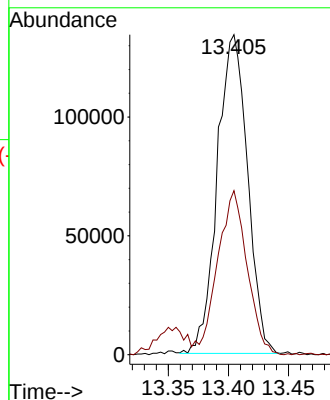
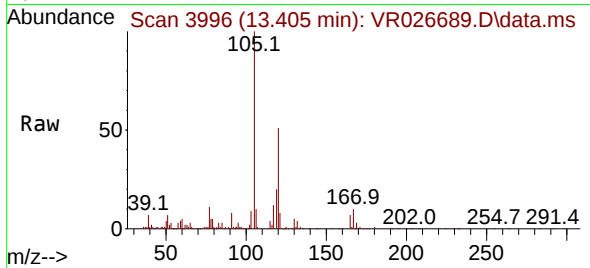




#83
1,2,4-Trimethylbenzene
Concen: 10.250 ug/l
RT: 13.405 min Scan# 3996
Delta R.T. -0.000 min
Lab File: VR026689.D
Acq: 4 Aug 2025 11:08

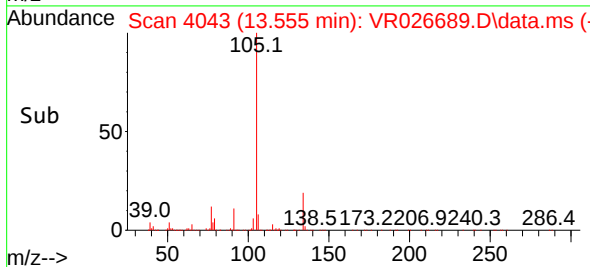
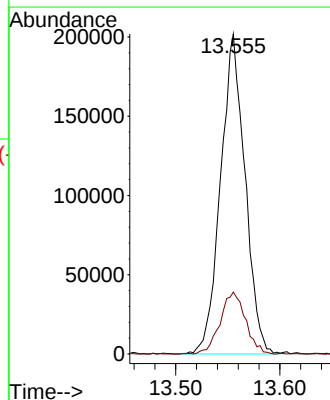
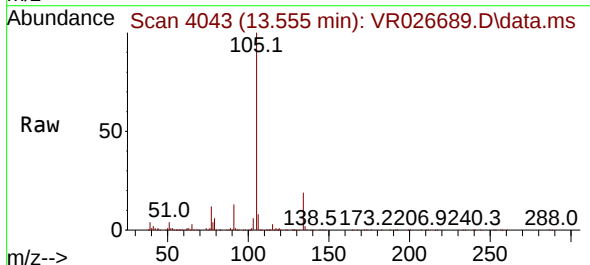
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC010

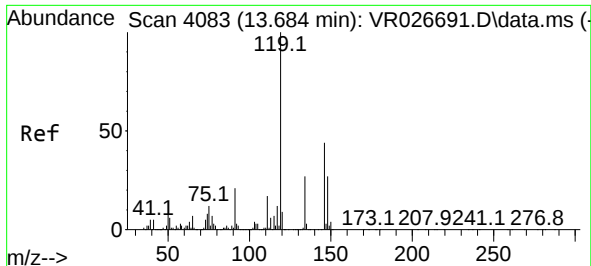
Tgt Ion:105 Resp: 234424
Ion Ratio Lower Upper
105 100
120 49.6 25.0 75.0



#84
sec-Butylbenzene
Concen: 10.563 ug/l
RT: 13.555 min Scan# 4043
Delta R.T. -0.000 min
Lab File: VR026689.D
Acq: 4 Aug 2025 11:08

Tgt Ion:105 Resp: 329220
Ion Ratio Lower Upper
105 100
134 20.0 10.4 31.1

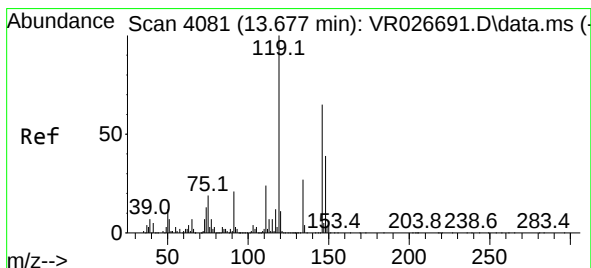
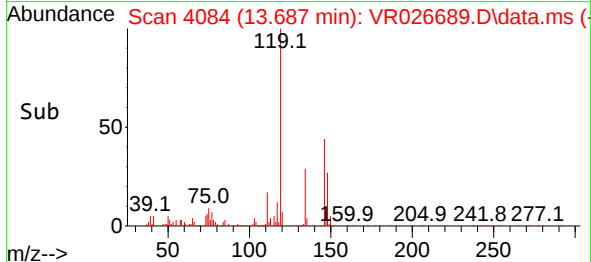
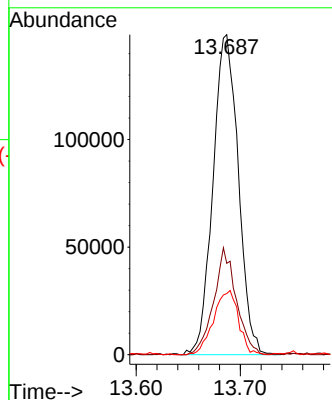
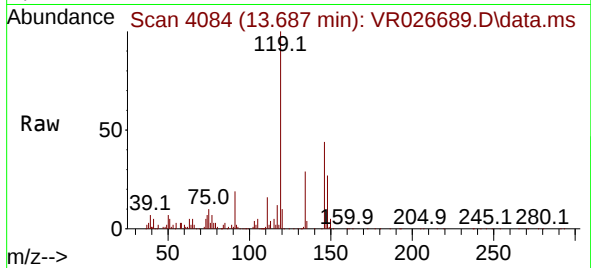




#85
p-Isopropyltoluene
Concen: 9.897 ug/l
RT: 13.687 min Scan# 4084
Delta R.T. 0.003 min
Lab File: VR026689.D
Acq: 4 Aug 2025 11:08

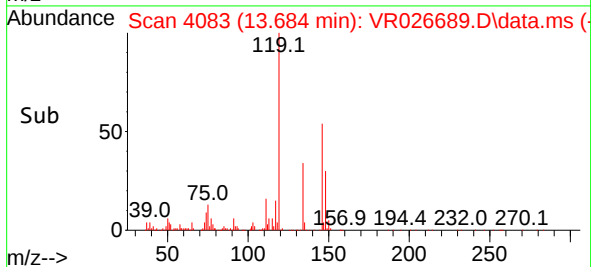
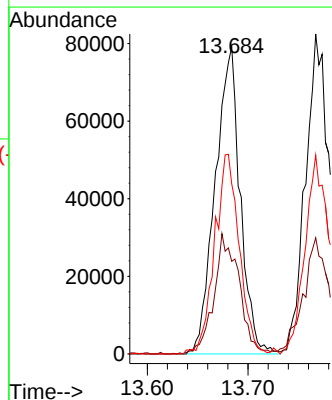
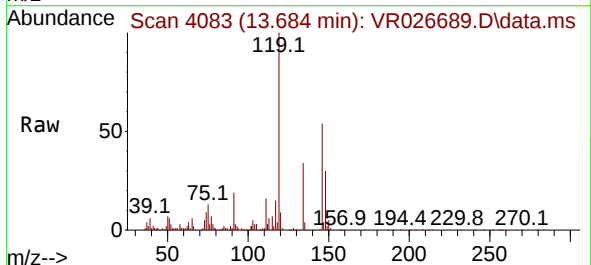
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC010

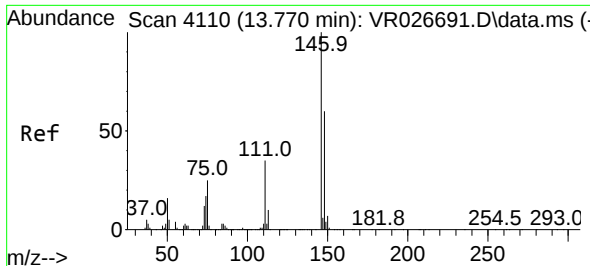
Tgt Ion:119 Resp: 251493
Ion Ratio Lower Upper
119 100
134 29.8 13.9 41.7
91 19.8 10.4 31.2



#86
1,3-Dichlorobenzene
Concen: 10.179 ug/l
RT: 13.684 min Scan# 4083
Delta R.T. 0.006 min
Lab File: VR026689.D
Acq: 4 Aug 2025 11:08

Tgt Ion:146 Resp: 136448
Ion Ratio Lower Upper
146 100
111 39.3 19.4 58.2
148 63.6 31.4 94.3

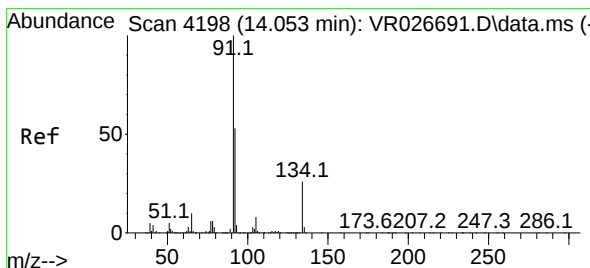
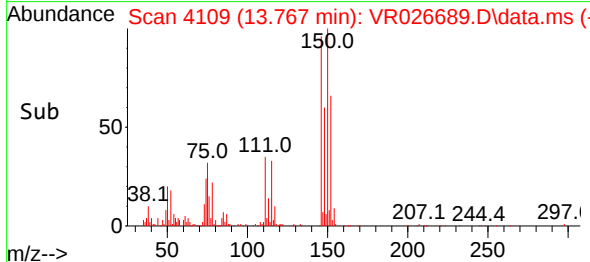
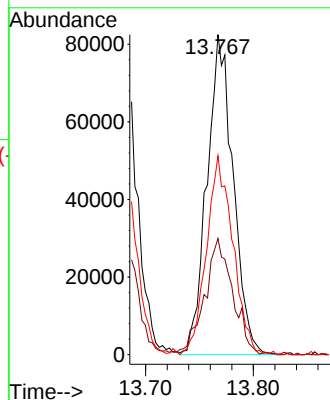
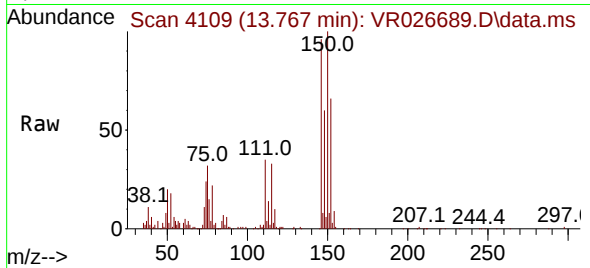




#87
 1,4-Dichlorobenzene
 Concen: 10.352 ug/l
 RT: 13.767 min Scan# 4110
 Delta R.T. -0.003 min
 Lab File: VR026689.D
 Acq: 4 Aug 2025 11:08

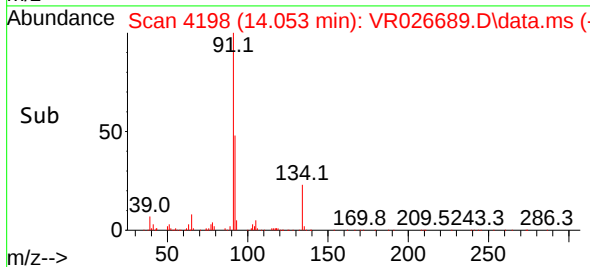
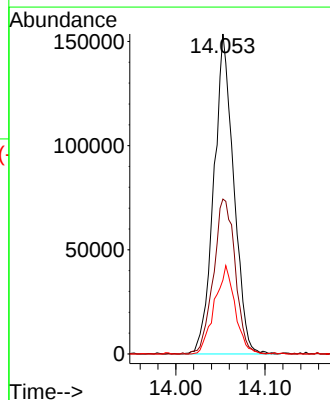
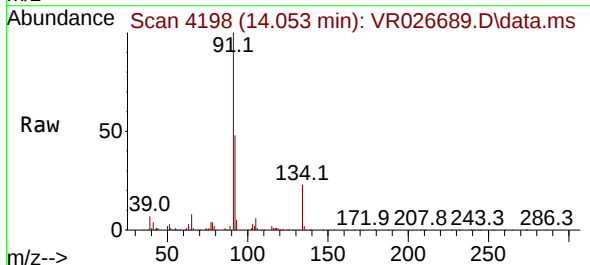
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDIC010

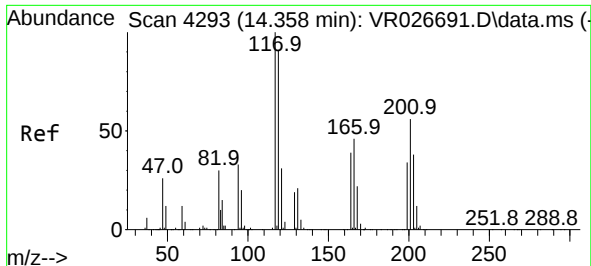
Tgt Ion:146 Resp: 139283
 Ion Ratio Lower Upper
 146 100
 111 37.7 19.1 57.3
 148 62.5 32.6 97.8



#88
 n-Butylbenzene
 Concen: 10.160 ug/l
 RT: 14.053 min Scan# 4198
 Delta R.T. -0.000 min
 Lab File: VR026689.D
 Acq: 4 Aug 2025 11:08

Tgt Ion: 91 Resp: 237954
 Ion Ratio Lower Upper
 91 100
 92 52.8 27.1 81.2
 134 28.5 13.1 39.3

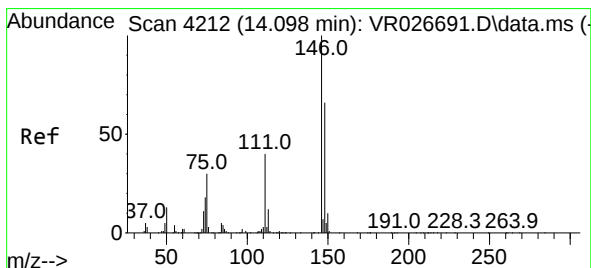
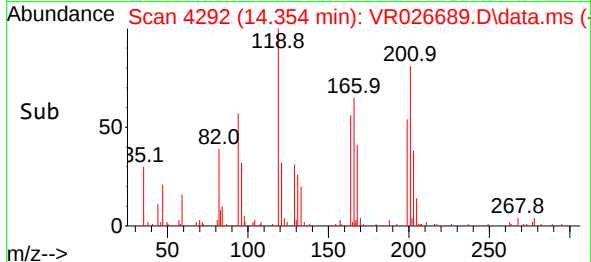
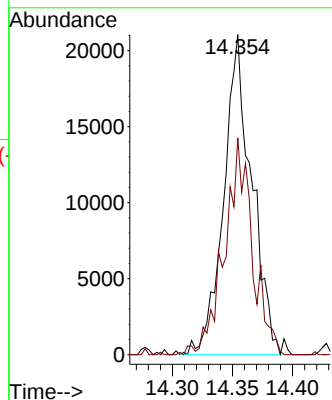
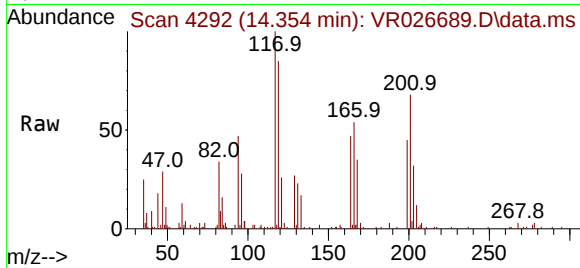




#89
Hexachloroethane
Concen: 9.324 ug/l
RT: 14.354 min Scan# 41
Delta R.T. -0.003 min
Lab File: VR026689.D
Acq: 4 Aug 2025 11:08

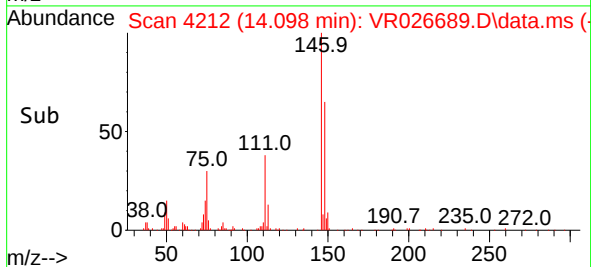
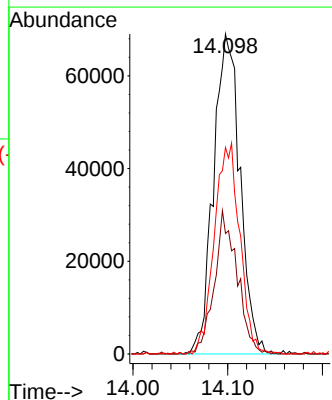
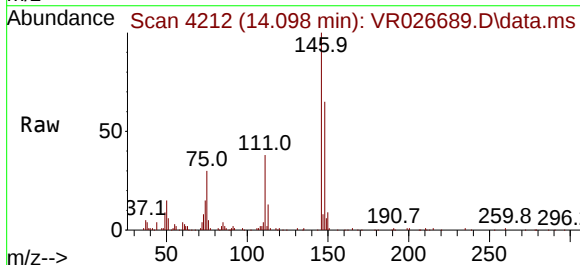
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC010

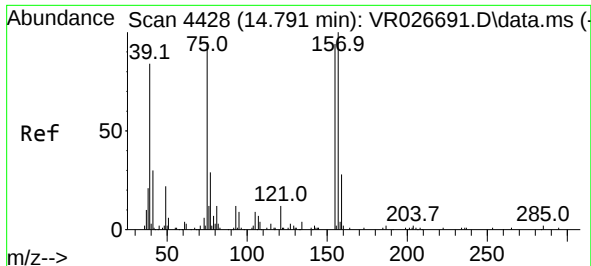
Tgt Ion:117 Resp: 34023
Ion Ratio Lower Upper
117 100
201 67.4 30.6 92.0



#90
1,2-Dichlorobenzene
Concen: 10.630 ug/l
RT: 14.098 min Scan# 4212
Delta R.T. -0.000 min
Lab File: VR026689.D
Acq: 4 Aug 2025 11:08

Tgt Ion:146 Resp: 133834
Ion Ratio Lower Upper
146 100
111 38.7 20.0 60.0
148 63.3 32.4 97.0





#91

1,2-Dibromo-3-Chloropropane

Concen: 10.478 ug/l

RT: 14.788 min Scan# 4428

Delta R.T. -0.003 min

Lab File: VR026689.D

Acq: 4 Aug 2025 11:08

Instrument :

MSVOA_R

ClientSampleId :

VSTDIC010

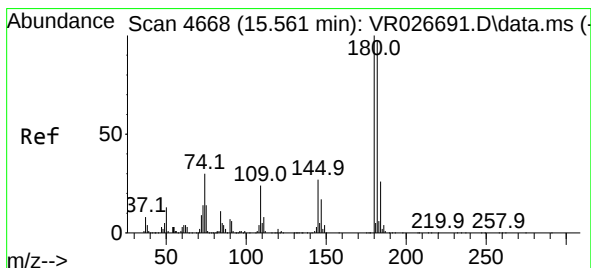
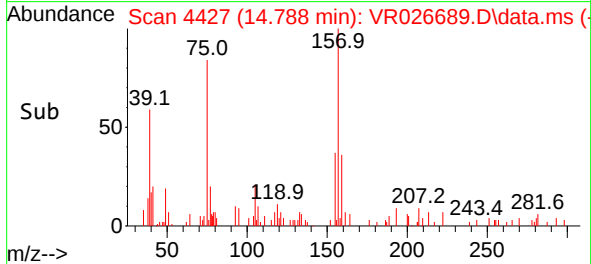
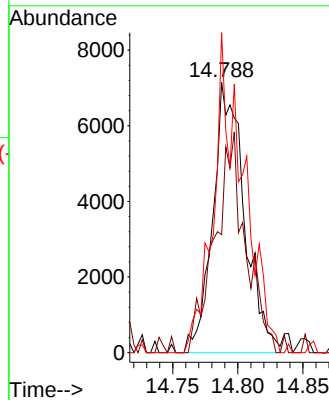
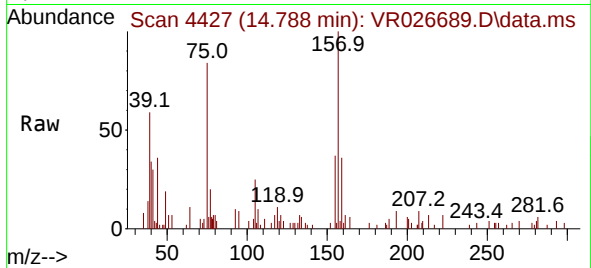
Tgt Ion: 75 Resp: 12096

Ion Ratio Lower Upper

75 100

155 78.7 48.0 144.2

157 57.5 59.5 178.4#



#92

1,2,4-Trichlorobenzene

Concen: 9.760 ug/l

RT: 15.558 min Scan# 4667

Delta R.T. -0.003 min

Lab File: VR026689.D

Acq: 4 Aug 2025 11:08

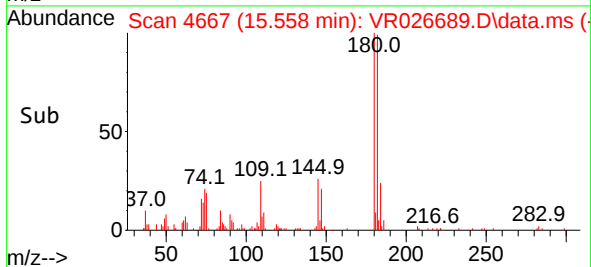
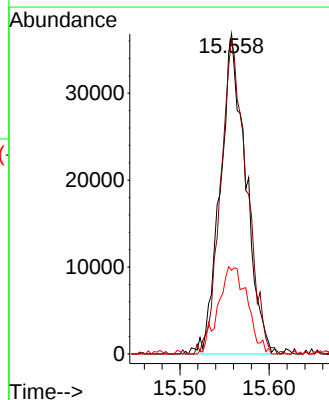
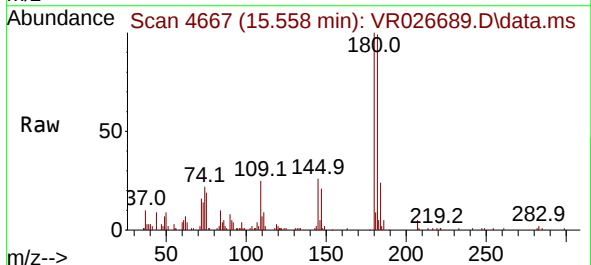
Tgt Ion:180 Resp: 73478

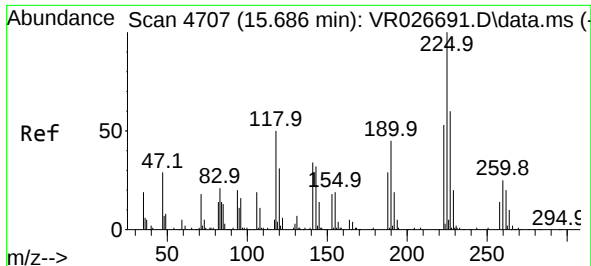
Ion Ratio Lower Upper

180 100

182 99.4 47.0 141.0

145 31.1 15.2 45.5

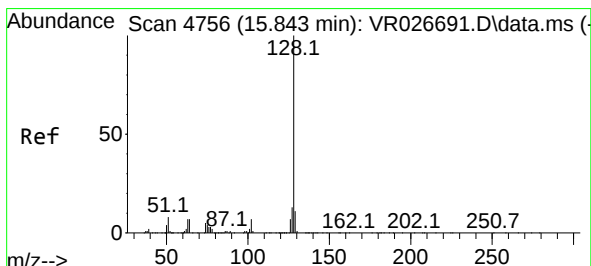
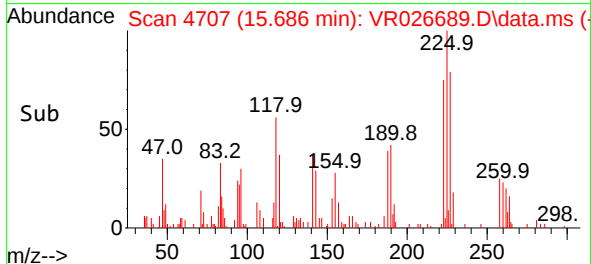
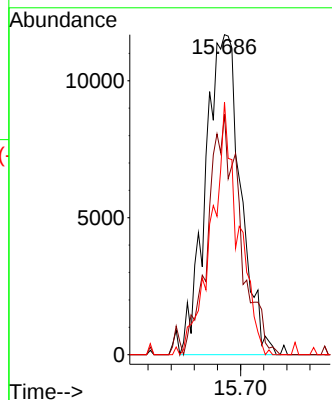
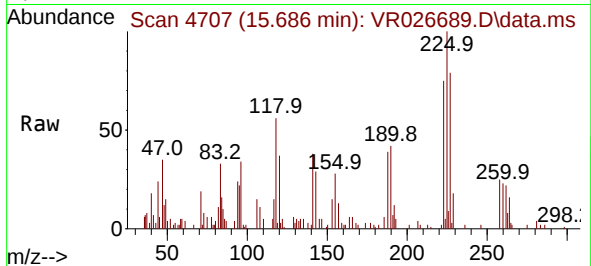




#93
Hexachlorobutadiene
Concen: 10.095 ug/l
RT: 15.686 min Scan# 4707
Delta R.T. -0.000 min
Lab File: VR026689.D
Acq: 4 Aug 2025 11:08

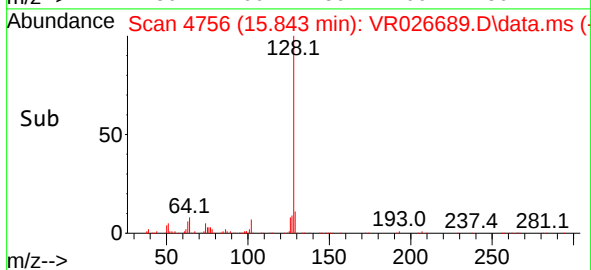
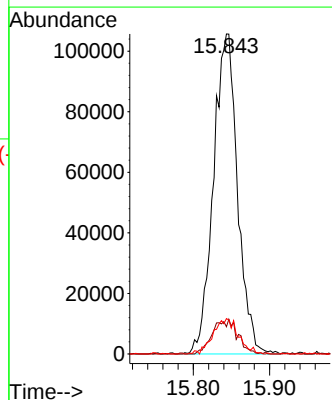
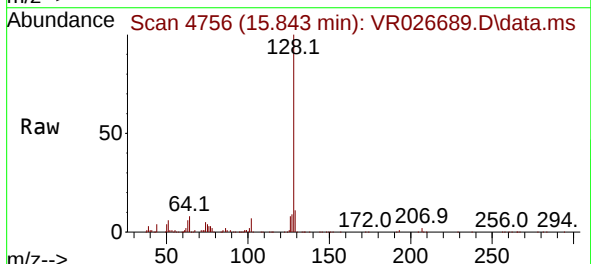
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC010

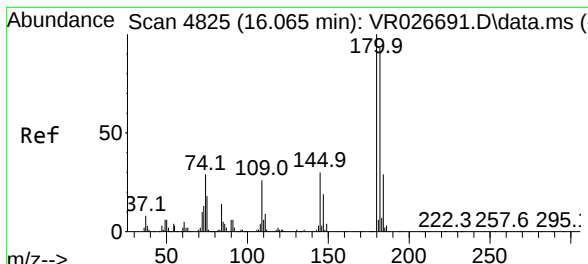
Tgt Ion:	225	Resp:	24694
Ion Ratio	Lower	Upper	
225	100		
223	68.5	31.4	94.2
227	60.6	31.6	95.0



#94
Naphthalene
Concen: 10.105 ug/l
RT: 15.843 min Scan# 4756
Delta R.T. -0.000 min
Lab File: VR026689.D
Acq: 4 Aug 2025 11:08

Tgt Ion:	128	Resp:	233137
Ion Ratio	Lower	Upper	
128	100		
127	4.8	9.8	14.8#
129	11.5	8.6	13.0





#95
 1,2,3-Trichlorobenzene
 Concen: 4.974 ug/l
 RT: 16.061 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VR026689.D
 Acq: 4 Aug 2025 11:08

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDIC010

Tgt Ion:180 Resp: 35549
 Ion Ratio Lower Upper
 180 100
 182 199.1 47.2 141.6#
 145 68.0 15.5 46.5#

