

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR080425\
 Data File : VR026690.D
 Acq On : 4 Aug 2025 11:35
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5mL/MSVOA_R/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDIC020

Quant Time: Aug 05 01:55:11 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	7.305	168	719531	50.000	ug/l	0.00
33) 1,4-Difluorobenzene	8.331	114	1312905	50.000	ug/l	0.00
62) Chlorobenzene-d5	11.543	117	954916	50.000	ug/l	0.00
71) 1,4-Dichlorobenzene-d4	13.748	152	434036	50.000	ug/l	0.00

System Monitoring Compounds						
32) 1,2-Dichloroethane-d4	7.693	65	181444	19.924	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	39.840%#
34) Dibromofluoromethane	7.208	113	151163	18.615	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	37.240%#
49) Toluene-d8	10.039	98	556543	19.130	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	38.260%#
61) 4-Bromofluorobenzene	12.676	95	153769	18.583	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	37.160%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.666	85	107890	20.574	ug/l	90
3) Chloromethane	1.849	50	160046	20.531	ug/l	99
4) Vinyl Chloride	1.965	62	164502	20.651	ug/l	98
5) Bromomethane	2.308	94	81047	20.880	ug/l	95
6) Chloroethane	2.433	64	103159	20.113	ug/l	99
7) Trichlorofluoromethane	2.719	101	297463	20.718	ug/l	99
8) Diethyl Ether	3.082	74	132596	20.815	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.383	101	89292	11.524	ug/l #	50
10) Methyl Iodide	3.557	142	154548	20.675	ug/l	99
11) Tert butyl alcohol	4.330	59	155018	108.797	ug/l #	86
12) 1,1-Dichloroethene	3.361	96	155596	20.329	ug/l	93
13) Acrolein	3.252	56	217295	104.327	ug/l	100
14) Allyl chloride	3.890	41	327206	21.730	ug/l	94
15) Acrylonitrile	4.490	53	594421	105.096	ug/l	97
16) Acetone	3.444	43	424340	99.279	ug/l	91
17) Carbon Disulfide	3.646	76	229745	20.278	ug/l	97
18) Methyl Acetate	3.903	43	384814	21.571	ug/l	99
19) Methyl tert-butyl Ether	4.558	73	635546	20.749	ug/l	98
20) Methylene Chloride	4.092	84	213485	21.047	ug/l	88
21) trans-1,2-Dichloroethene	4.542	96	174646	20.756	ug/l	93
22) Diisopropyl ether	5.472	45	766520	21.723	ug/l #	91
23) Vinyl Acetate	5.395	43	2229998	110.838	ug/l	96
24) 1,1-Dichloroethane	5.334	63	373639	20.909	ug/l	99
25) 2-Butanone	6.377	43	696145	105.228	ug/l	97
26) 2,2-Dichloropropane	6.361	77	247672	20.049	ug/l	99
27) cis-1,2-Dichloroethene	6.358	96	216620	20.011	ug/l	96
28) Bromochloromethane	6.759	49	132964	20.649	ug/l	94
29) Chloroform	6.961	83	322135	20.811	ug/l	100
30) Cyclohexane	7.285	56	290897	20.158	ug/l	98
31) 1,1,1-Trichloroethane	7.183	97	226206	20.226	ug/l	97
35) 1,1-Dichloropropene	7.439	75	200934	19.614	ug/l	95
36) Ethyl Acetate	6.486	43	254007	20.711	ug/l #	91
37) Carbon Tetrachloride	7.420	117	166030	19.900	ug/l	99
38) Methylcyclohexane	8.890	83	232298	19.810	ug/l	94
39) Benzene	7.712	78	749250	20.310	ug/l	99
40) Methacrylonitrile	6.724	41	159645	20.946	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) 1,2-Dichloroethane	7.805	62	192089	20.471	ug/l	98
42) Isopropyl Acetate	7.879	43	413545	20.971	ug/l	97
43) Trichloroethene	8.611	130	148411	20.919	ug/l	96
44) 1,2-Dichloropropane	8.925	63	175474	20.100	ug/l	96
45) Dibromomethane	9.028	93	98706	20.330	ug/l	97
46) Bromodichloromethane	9.249	83	189264	20.119	ug/l #	94
47) Methyl methacrylate	9.041	41	186017	21.552	ug/l	97
48) 1,4-Dioxane	9.037	88	60240	433.293	ug/l	94
50) 4-Methyl-2-Pentanone	9.923	43	1106981	107.522	ug/l	97
51) Toluene	10.112	92	375251	19.926	ug/l	99
52) t-1,3-Dichloropropene	10.369	75	182656	19.810	ug/l	95
53) cis-1,3-Dichloropropene	9.750	75	224892	20.335	ug/l	99
54) 1,1,2-Trichloroethane	10.574	97	141994	20.646	ug/l	98
55) Ethyl methacrylate	10.440	69	224921	19.803	ug/l	95
56) 1,3-Dichloropropane	10.741	76	232187	19.820	ug/l	96
57) 2-Chloroethyl Vinyl ether	9.596	63	57895	92.238	ug/l	98
58) 2-Hexanone	10.802	43	730182	105.205	ug/l	99
59) Dibromochloromethane	10.959	129	118203	20.308	ug/l	100
60) 1,2-Dibromoethane	11.078	107	119258	20.147	ug/l	100
63) Tetrachloroethene	10.655	164	102147	19.581	ug/l	95
64) Chlorobenzene	11.572	112	409083	20.584	ug/l	96
65) 1,1,1,2-Tetrachloroethane	11.659	131	108991	20.079	ug/l	96
66) Ethyl Benzene	11.662	91	689946	20.792	ug/l	98
67) m/p-Xylenes	11.791	106	548785	41.395	ug/l	99
68) o-Xylene	12.163	106	268657	20.876	ug/l	99
69) Styrene	12.179	104	442251	20.564	ug/l	98
70) Bromoform	12.359	173	63627	20.712	ug/l	98
72) Isopropylbenzene	12.506	105	640697	20.710	ug/l	100
73) N-amyl acetate	12.304	43	254032	20.710	ug/l	99
74) 1,1,2,2-Tetrachloroethane	12.792	83	186969	20.599	ug/l	100
75) 1,2,3-Trichloropropane	12.843	75	212502	29.221	ug/l #	100
76) Bromobenzene	12.817	156	143550	20.051	ug/l	97
77) n-propylbenzene	12.894	91	773343	20.953	ug/l	100
78) 2-Chlorotoluene	12.991	91	424142	20.255	ug/l	97
79) 1,3,5-Trimethylbenzene	13.055	105	498123	20.591	ug/l	98
80) trans-1,4-Dichloro-2-b...	12.557	75	47058	19.050	ug/l	89
81) 4-Chlorotoluene	13.100	91	427063	19.964	ug/l	98
82) tert-Butylbenzene	13.353	119	451969	20.540	ug/l	96
83) 1,2,4-Trimethylbenzene	13.401	105	489270	20.432	ug/l	100
84) sec-Butylbenzene	13.555	105	671588	20.581	ug/l	99
85) p-Isopropyltoluene	13.687	119	534274	20.080	ug/l	99
86) 1,3-Dichlorobenzene	13.681	146	277663	19.783	ug/l	99
87) 1,4-Dichlorobenzene	13.770	146	280913	19.940	ug/l	98
88) n-Butylbenzene	14.053	91	495932	20.223	ug/l	100
89) Hexachloroethane	14.354	117	79202	20.730	ug/l	99
90) 1,2-Dichlorobenzene	14.101	146	269150	20.417	ug/l	98
91) 1,2-Dibromo-3-Chloropr...	14.791	75	26423	21.861	ug/l	89
92) 1,2,4-Trichlorobenzene	15.564	180	163080	20.689	ug/l	94
93) Hexachlorobutadiene	15.686	225	49796	19.443	ug/l	99
94) Naphthalene	15.840	128	517072	21.406	ug/l	100
95) 1,2,3-Trichlorobenzene	16.068	180	151242	20.210	ug/l	93

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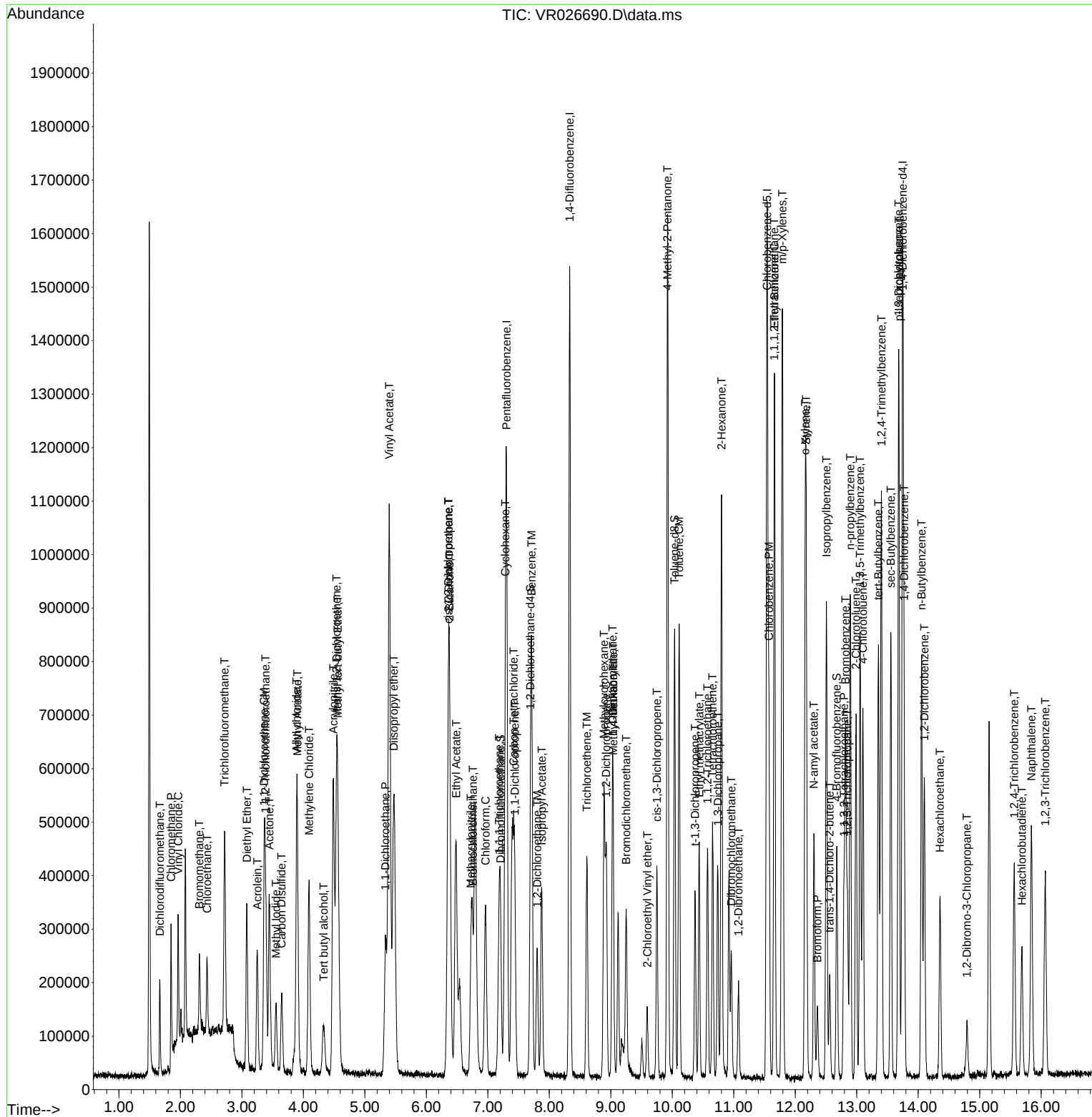
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

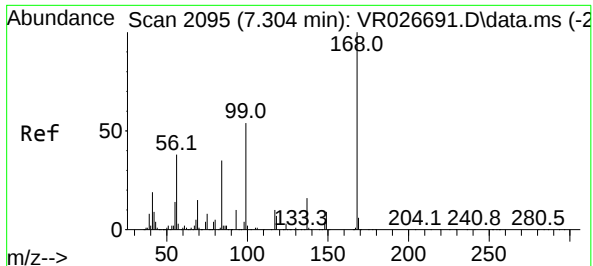
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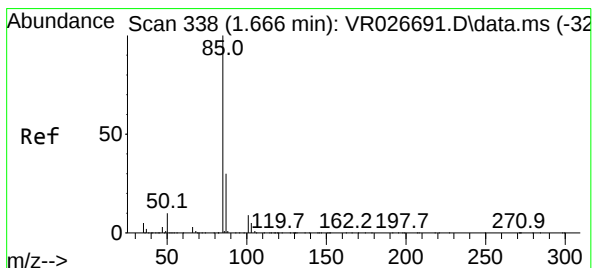
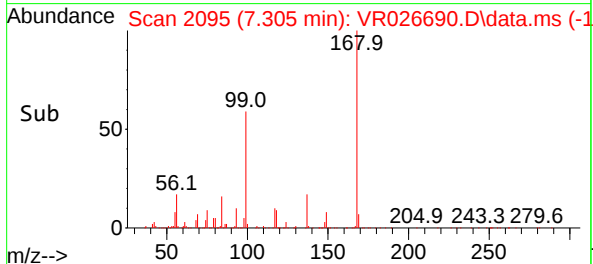
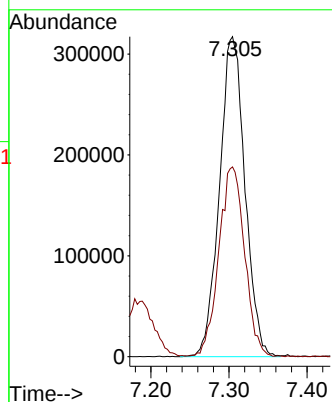
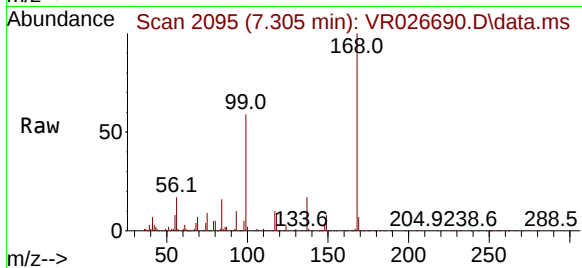




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.305 min Scan# 2095
Delta R.T. 0.001 min
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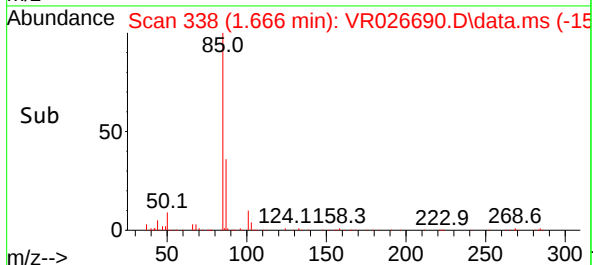
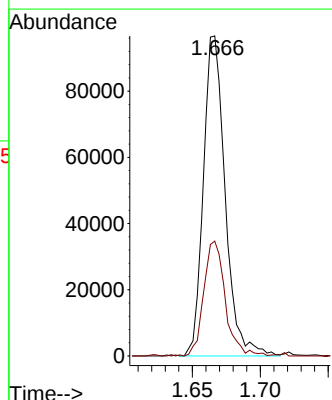
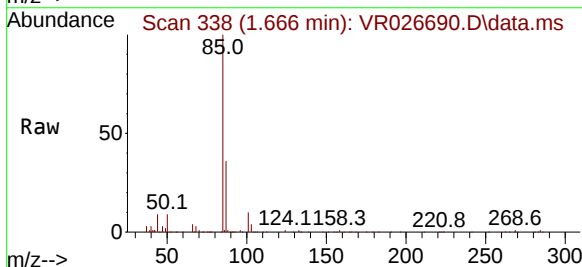
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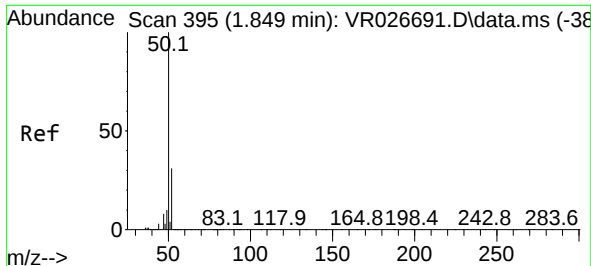
Tgt Ion:168 Resp: 719531
Ion Ratio Lower Upper
168 100
99 59.1 43.8 65.8



#2
Dichlorodifluoromethane
Concen: 20.574 ug/l
RT: 1.666 min Scan# 338
Delta R.T. 0.000 min
Lab File: VR026690.D
Acq: 4 Aug 2025 11:35

Tgt Ion: 85 Resp: 107890
Ion Ratio Lower Upper
85 100
87 35.8 15.2 45.5

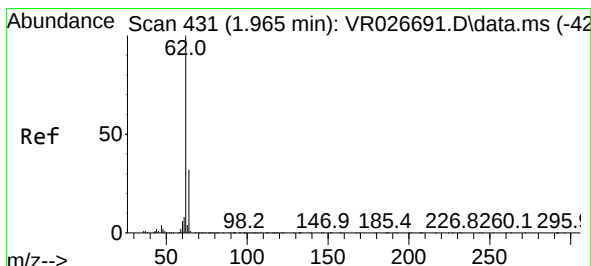
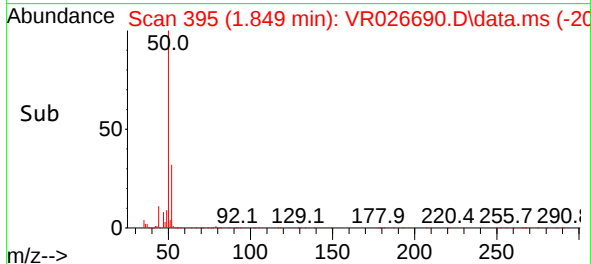
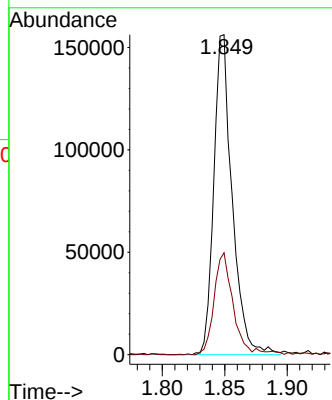
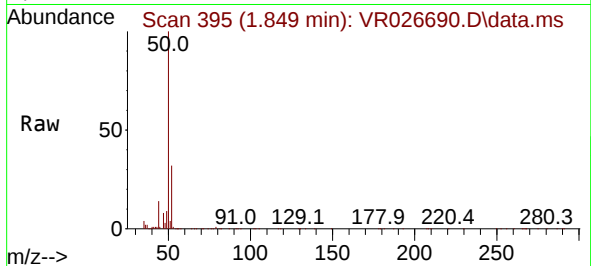




#3
Chloromethane
Concen: 20.531 ug/l
RT: 1.849 min Scan# 395
Delta R.T. 0.000 min
Lab File: VR026690.D
Acq: 4 Aug 2025 11:35

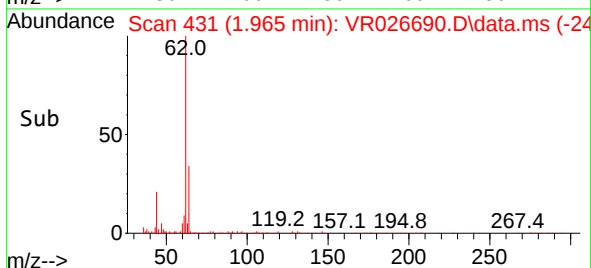
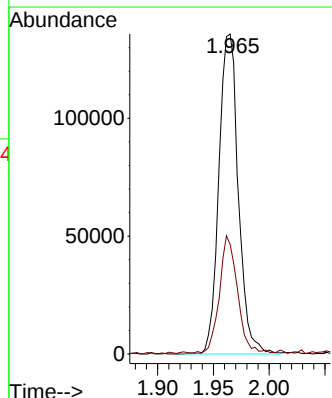
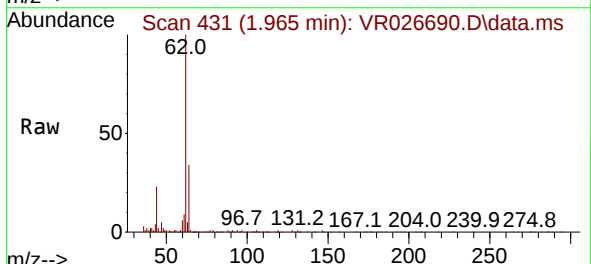
Instrument :
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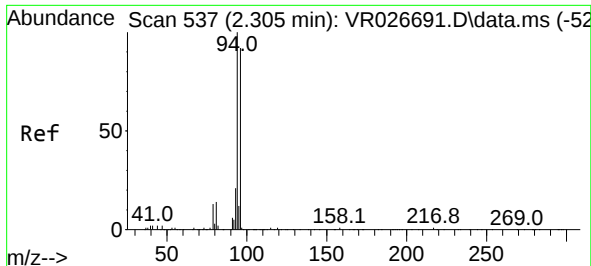
Tgt Ion: 50 Resp: 160046
Ion Ratio Lower Upper
50 100
52 31.7 25.0 37.4



#4
Vinyl Chloride
Concen: 20.651 ug/l
RT: 1.965 min Scan# 431
Delta R.T. 0.000 min
Lab File: VR026690.D
Acq: 4 Aug 2025 11:35

Tgt Ion: 62 Resp: 164502
Ion Ratio Lower Upper
62 100
64 33.8 25.9 38.9

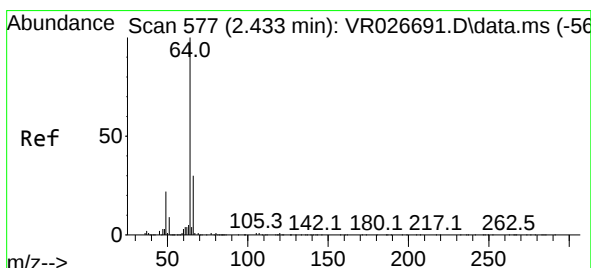
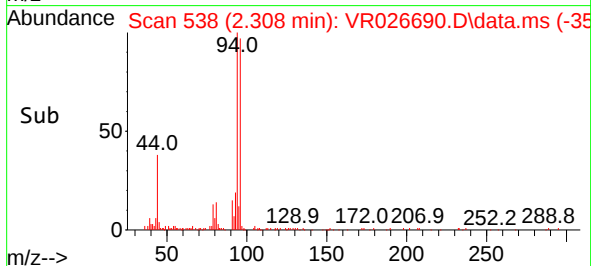
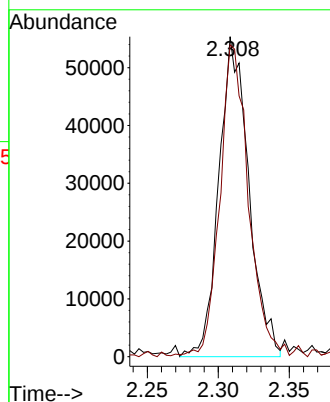
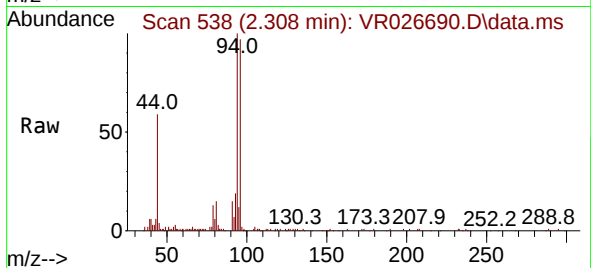




#5
Bromomethane
Concen: 20.880 ug/l
RT: 2.308 min Scan# 51
Delta R.T. 0.003 min
Lab File: VR026690.D
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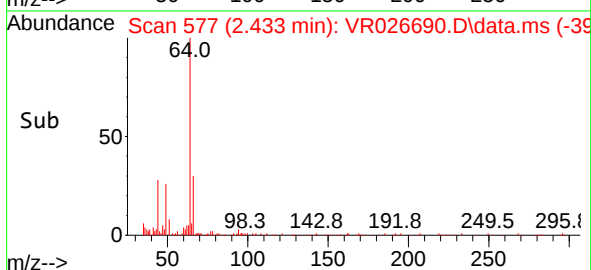
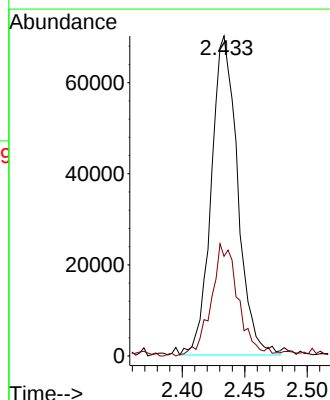
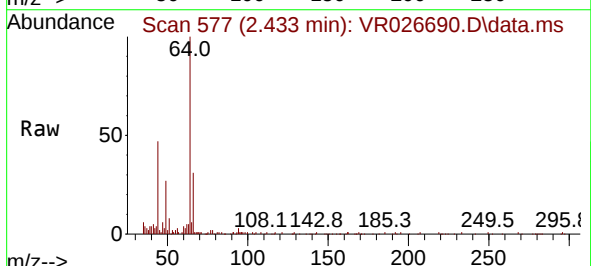
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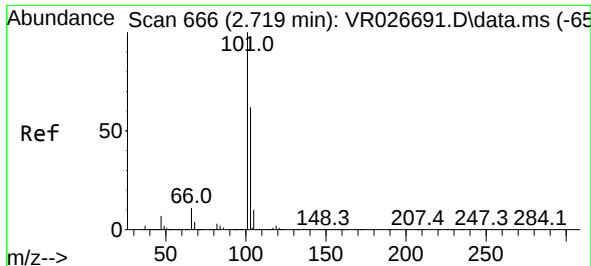
Tgt Ion: 94 Resp: 81047
Ion Ratio Lower Upper
94 100
96 96.8 73.3 109.9



#6
Chloroethane
Concen: 20.113 ug/l
RT: 2.433 min Scan# 577
Delta R.T. 0.000 min
Lab File: VR026690.D
Acq: 4 Aug 2025 11:35

Tgt Ion: 64 Resp: 103159
Ion Ratio Lower Upper
64 100
66 30.7 24.3 36.5

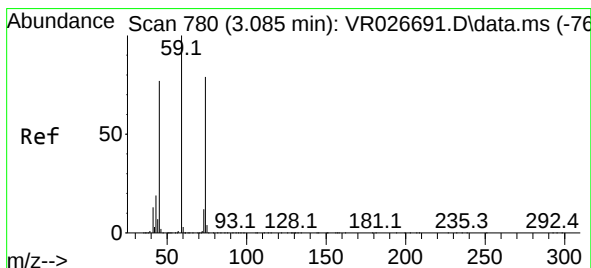
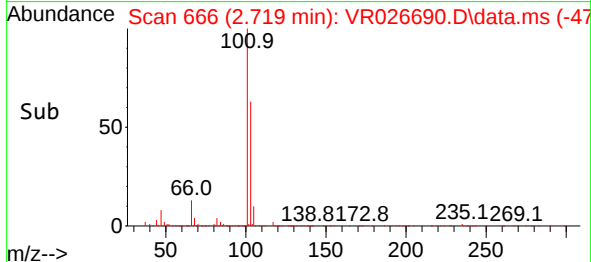
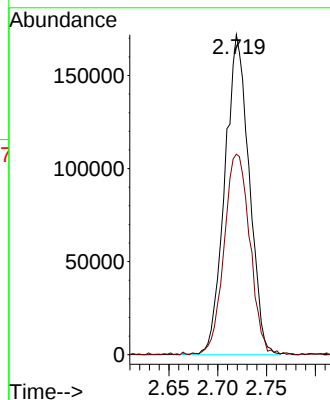
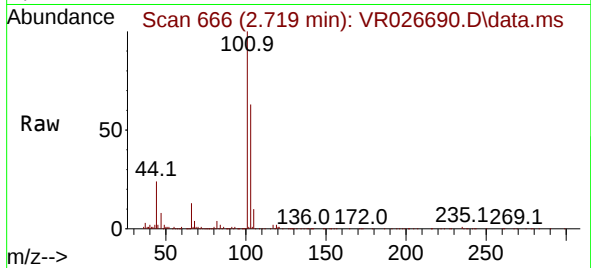




#7
Trichlorofluoromethane
Concen: 20.718 ug/l
RT: 2.719 min Scan# 666
Delta R.T. 0.000 min
Lab File: VR026690.D
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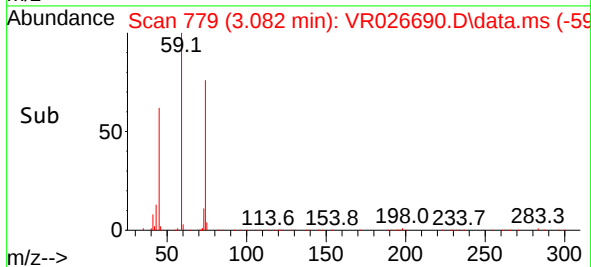
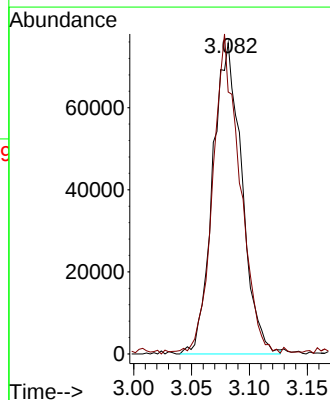
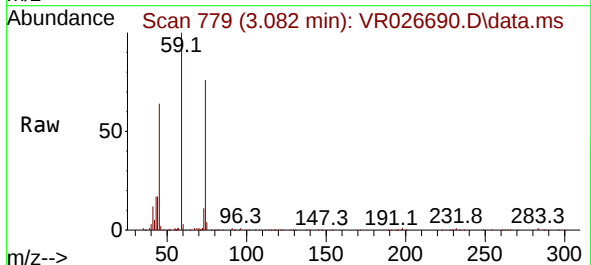
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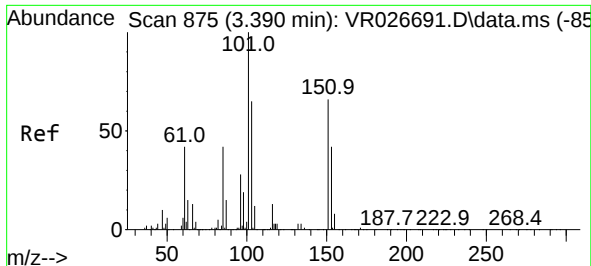
Tgt Ion:101 Resp: 297463
Ion Ratio Lower Upper
101 100
103 62.7 49.4 74.2



#8
Diethyl Ether
Concen: 20.815 ug/l
RT: 3.082 min Scan# 779
Delta R.T. -0.003 min
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Tgt Ion: 74 Resp: 132596
Ion Ratio Lower Upper
74 100
45 95.3 47.1 141.3

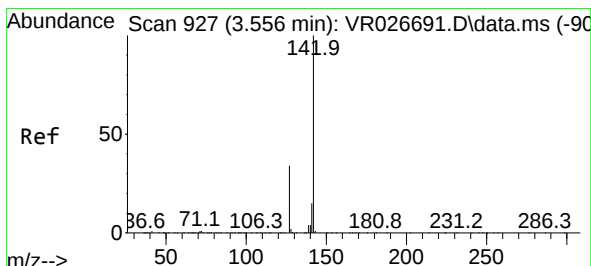
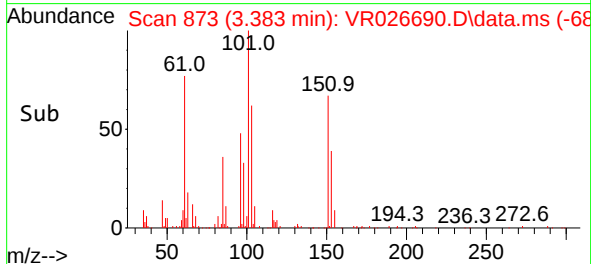
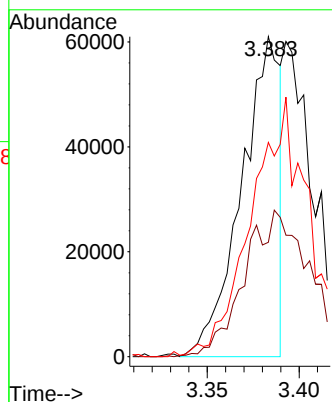
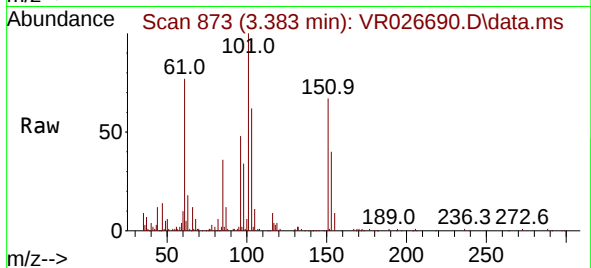




#9
1,1,2-Trichlorotrifluoroethane
Concen: 11.524 ug/l
RT: 3.383 min Scan# 81
Delta R.T. -0.006 min
Lab File: VR026690.D
Acq: 4 Aug 2025 11:35

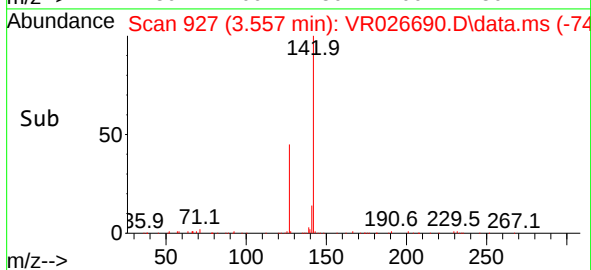
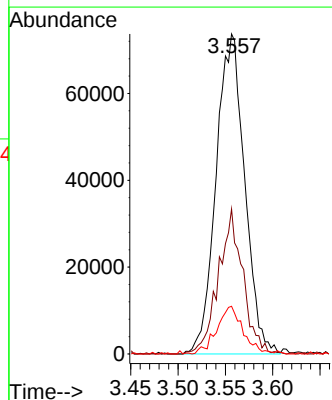
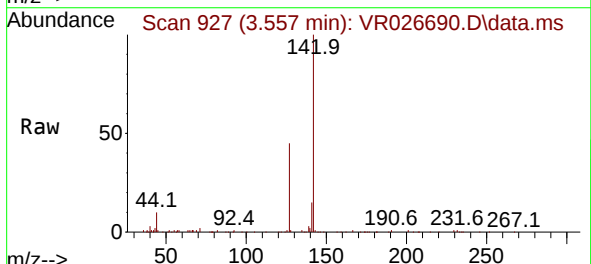
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC020

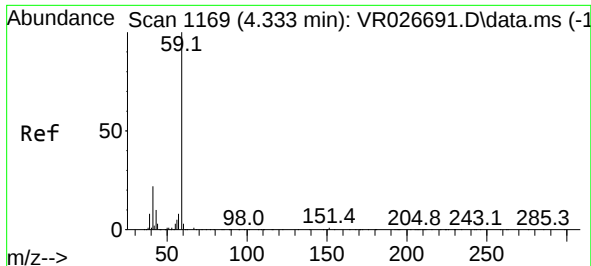
Tgt Ion:101 Resp: 89292
Ion Ratio Lower Upper
101 100
85 27.1 34.5 51.7#
151 119.4 53.4 80.0#



#10
Methyl Iodide
Concen: 20.675 ug/l
RT: 3.557 min Scan# 927
Delta R.T. 0.000 min
Lab File: VR026690.D
Acq: 4 Aug 2025 11:35

Tgt Ion:142 Resp: 154548
Ion Ratio Lower Upper
142 100
127 38.7 30.1 45.1
141 13.6 10.8 16.2





#11

Tert butyl alcohol

Concen: 108.797 ug/l

RT: 4.330 min Scan# 1169

Delta R.T. -0.003 min

Lab File: VR026690.D

Acq: 4 Aug 2025 11:35

Instrument :

MSVOA_R

ClientSampleId :

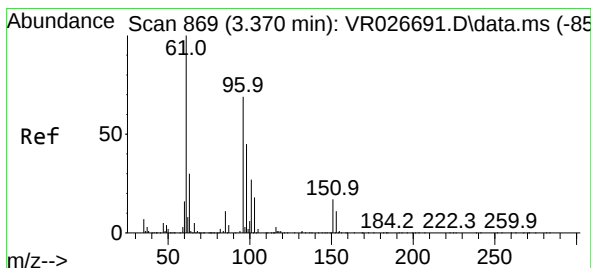
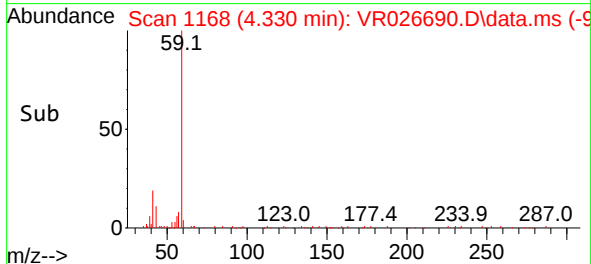
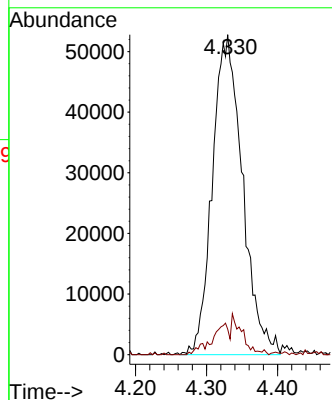
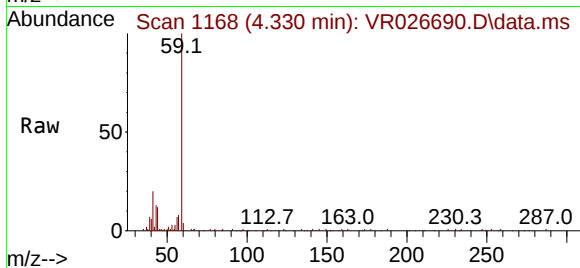
VSTDICC020

Tgt Ion: 59 Resp: 155018

Ion Ratio Lower Upper

59 100

57 4.5 7.7 11.5#



#12

1,1-Dichloroethene

Concen: 20.329 ug/l

RT: 3.361 min Scan# 866

Delta R.T. -0.010 min

Lab File: VR026690.D

Acq: 4 Aug 2025 11:35

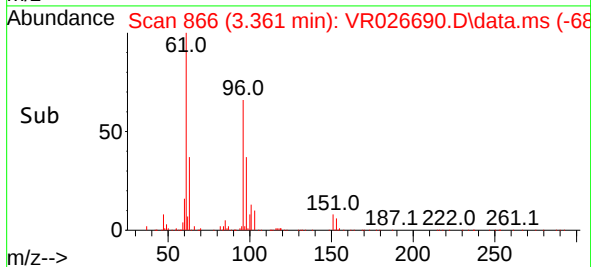
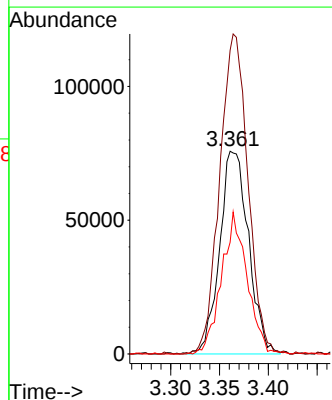
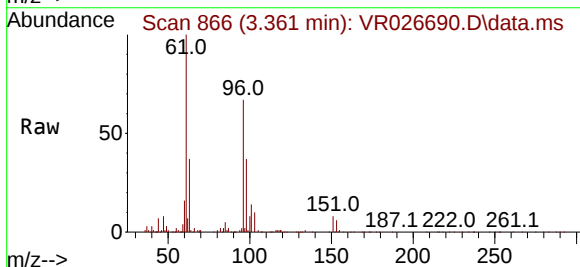
Tgt Ion: 96 Resp: 155596

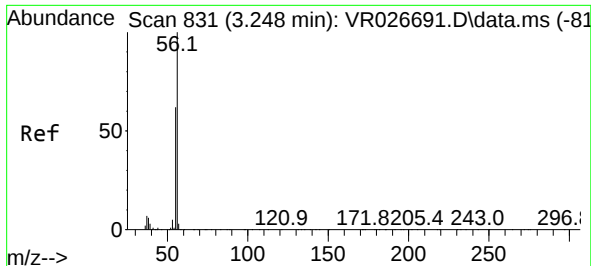
Ion Ratio Lower Upper

96 100

61 149.8 116.2 174.4

98 55.1 52.3 78.5

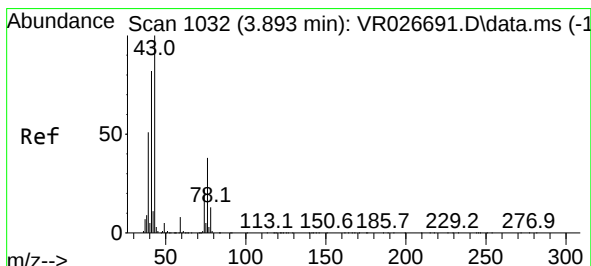
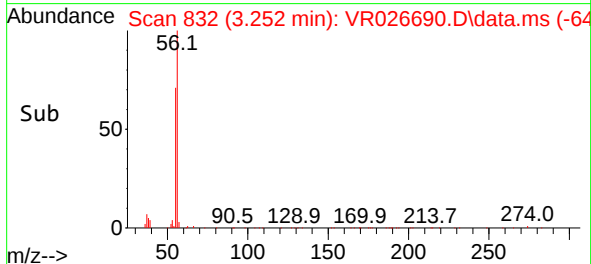
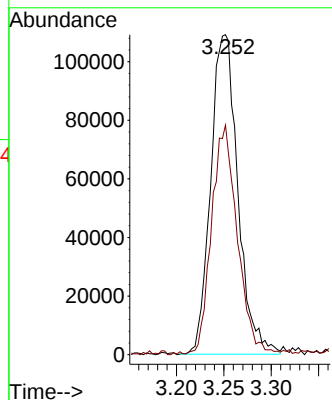
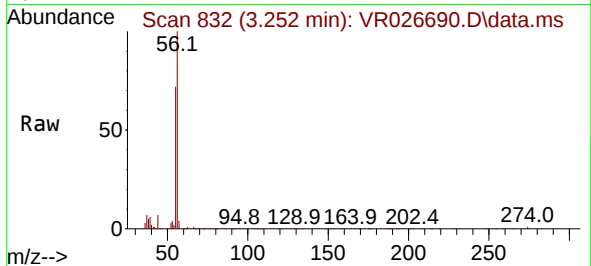




#13
Acrolein
Concen: 104.327 ug/l
RT: 3.252 min Scan# 81
Delta R.T. 0.003 min
Lab File: VR026690.D
Acq: 4 Aug 2025 11:35

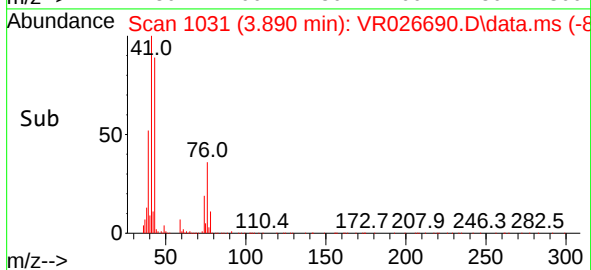
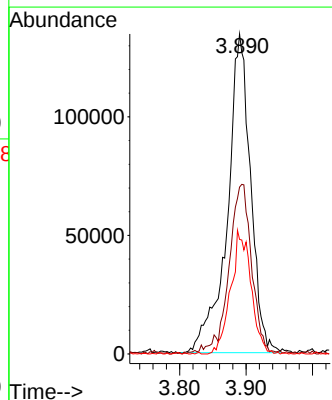
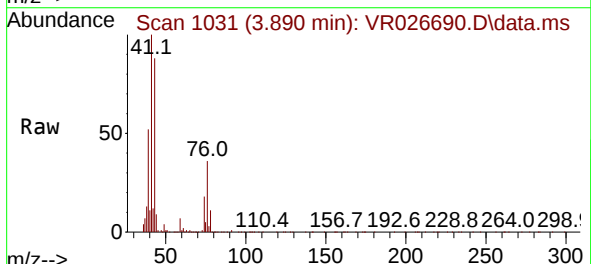
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC020

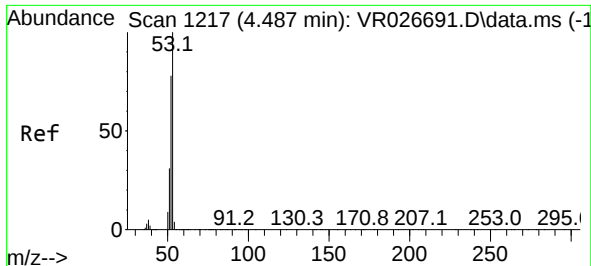
Tgt Ion: 56 Resp: 217295
Ion Ratio Lower Upper
56 100
55 67.5 53.8 80.8



#14
Allyl chloride
Concen: 21.730 ug/l
RT: 3.890 min Scan# 1031
Delta R.T. -0.003 min
Lab File: VR026690.D
Acq: 4 Aug 2025 11:35

Tgt Ion: 41 Resp: 327206
Ion Ratio Lower Upper
41 100
39 52.2 44.2 66.2
76 33.8 31.0 46.4

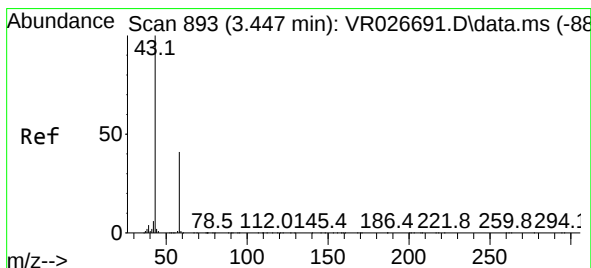
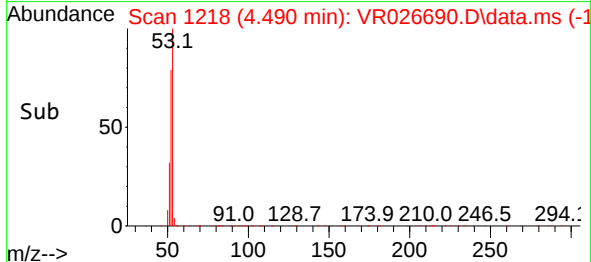
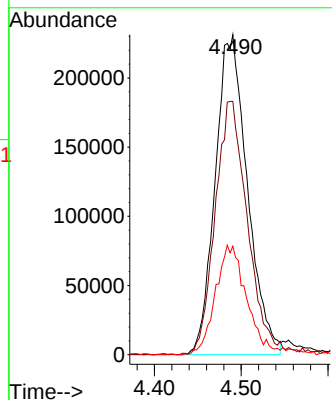
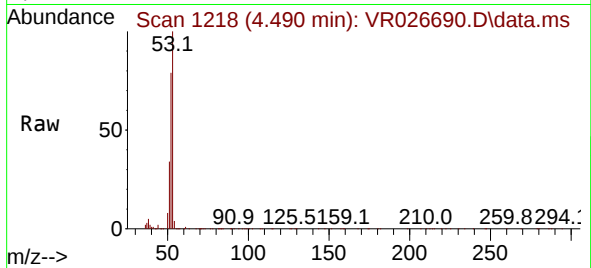




#15
Acrylonitrile
Concen: 105.096 ug/l
RT: 4.490 min Scan# 1218
Delta R.T. 0.003 min
Lab File: VR026690.D
Acq: 4 Aug 2025 11:35

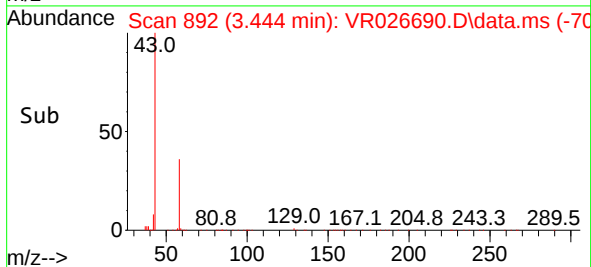
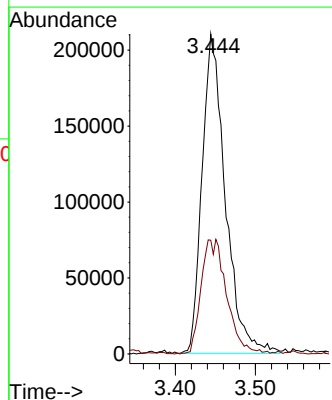
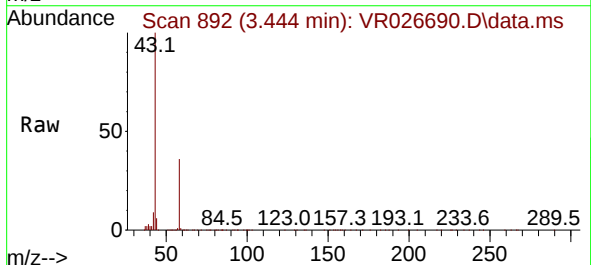
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC020

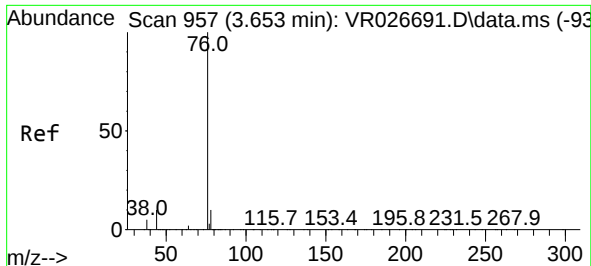
Tgt Ion: 53 Resp: 594421
Ion Ratio Lower Upper
53 100
52 79.4 61.4 92.2
51 33.1 25.8 38.6



#16
Acetone
Concen: 99.279 ug/l
RT: 3.444 min Scan# 892
Delta R.T. -0.003 min
Lab File: VR026690.D
Acq: 4 Aug 2025 11:35

Tgt Ion: 43 Resp: 424340
Ion Ratio Lower Upper
43 100
58 35.6 32.9 49.3

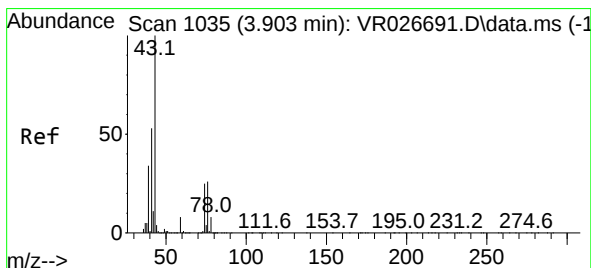
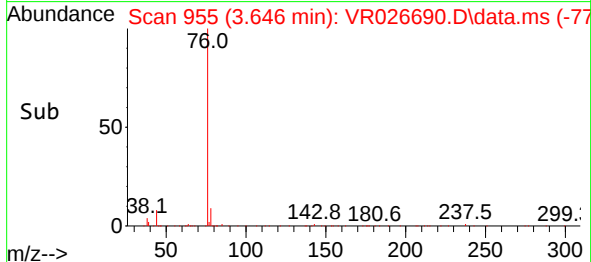
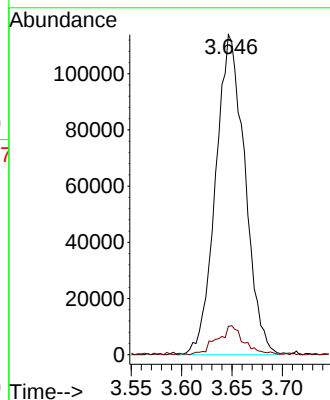
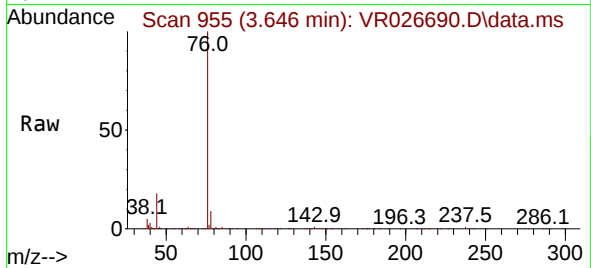




#17
Carbon Disulfide
Concen: 20.278 ug/l
RT: 3.646 min Scan# 91
Delta R.T. -0.006 min
Lab File: VR026690.D
Acq: 4 Aug 2025 11:35

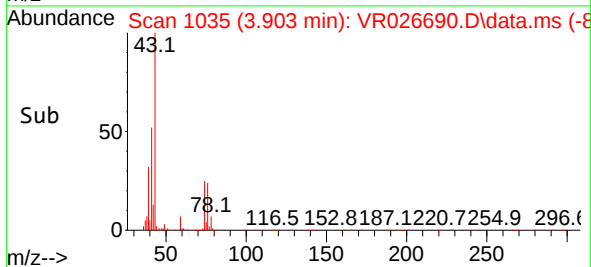
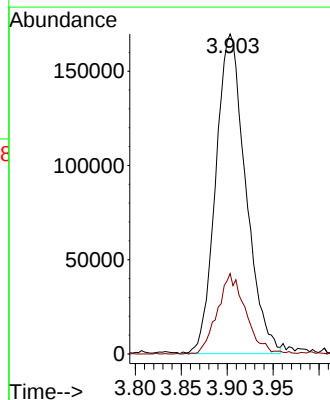
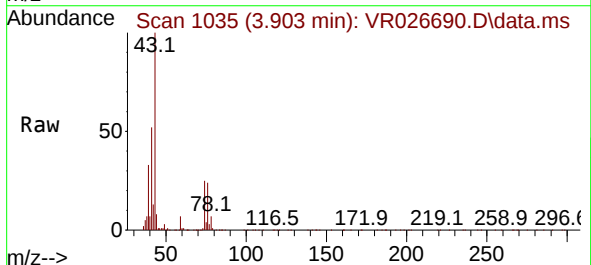
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC020

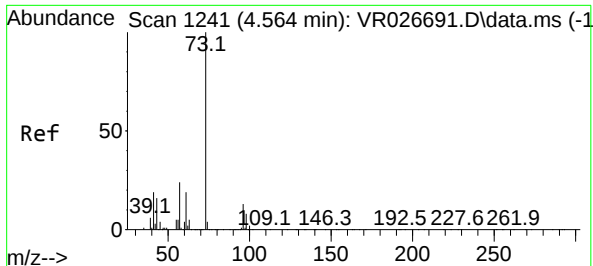
Tgt Ion: 76 Resp: 229745
Ion Ratio Lower Upper
76 100
78 8.7 7.8 11.6



#18
Methyl Acetate
Concen: 21.571 ug/l
RT: 3.903 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VR026690.D
Acq: 4 Aug 2025 11:35

Tgt Ion: 43 Resp: 384814
Ion Ratio Lower Upper
43 100
74 23.8 19.4 29.0





#19

Methyl tert-butyl Ether

Concen: 20.749 ug/l

RT: 4.558 min Scan# 11

Delta R.T. -0.006 min

Lab File: VR026690.D

Acq: 4 Aug 2025 11:35

Instrument :

MSVOA_R

ClientSampleId :

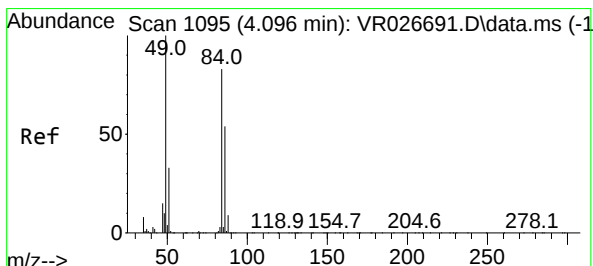
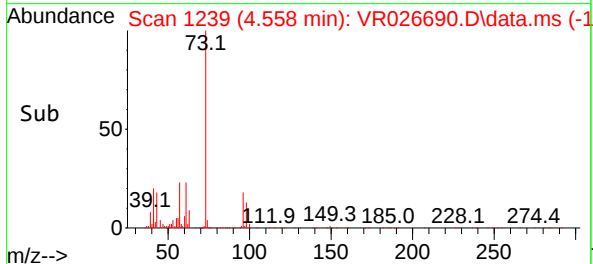
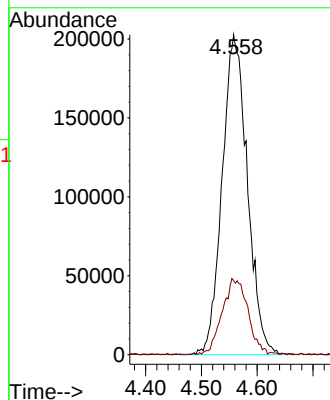
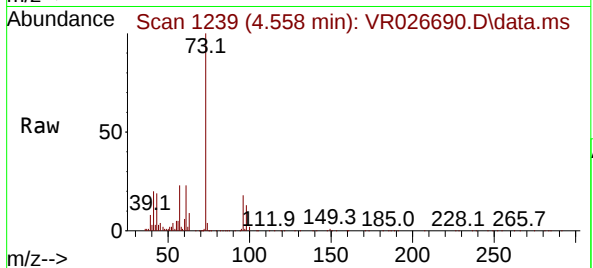
VSTDIC020

Tgt Ion: 73 Resp: 635546

Ion Ratio Lower Upper

73 100

57 23.0 19.4 29.0



#20

Methylene Chloride

Concen: 21.047 ug/l

RT: 4.092 min Scan# 1094

Delta R.T. -0.003 min

Lab File: VR026690.D

Acq: 4 Aug 2025 11:35

Tgt Ion: 84 Resp: 213485

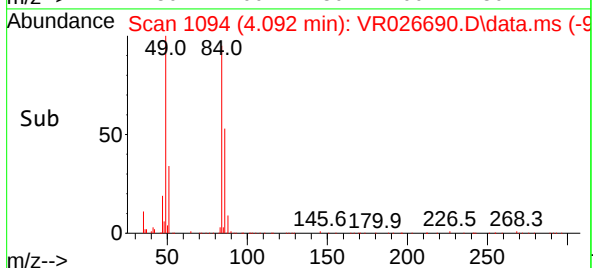
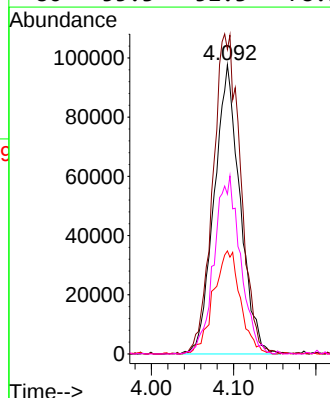
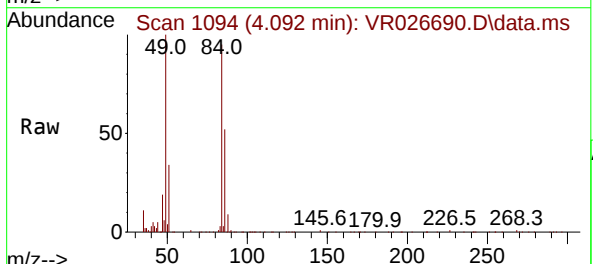
Ion Ratio Lower Upper

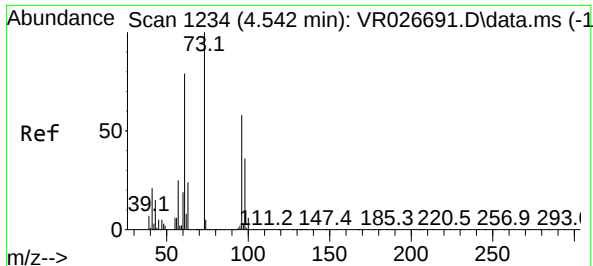
84 100

49 105.4 96.2 144.4

51 35.7 31.8 47.6

86 55.3 52.3 78.5

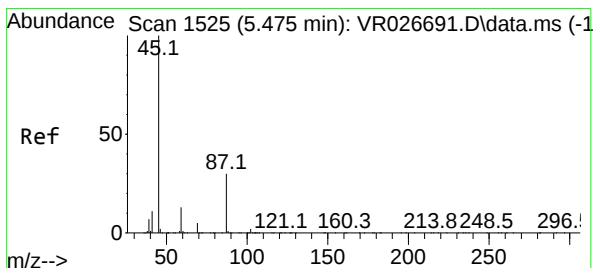
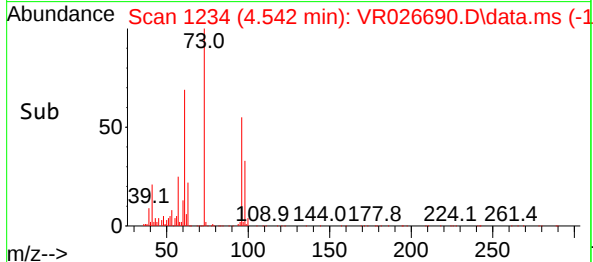
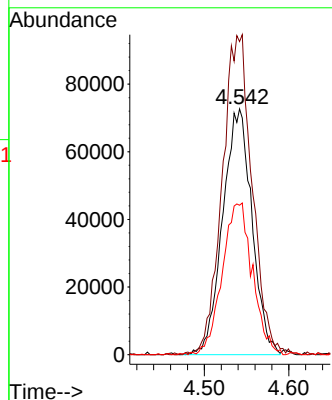
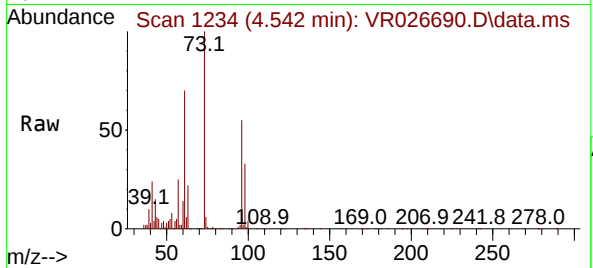




#21
trans-1,2-Dichloroethene
Concen: 20.756 ug/l
RT: 4.542 min Scan# 11
Delta R.T. 0.000 min
Lab File: VR026690.D
Acq: 4 Aug 2025 11:35

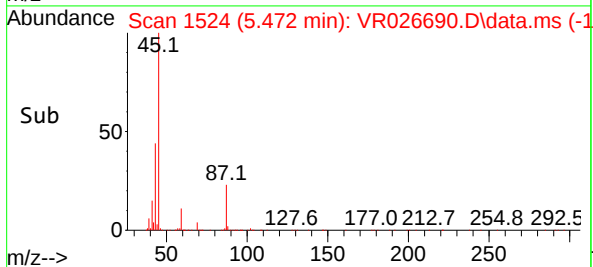
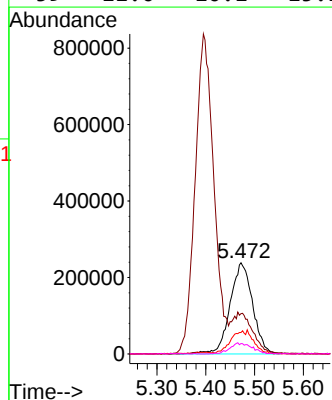
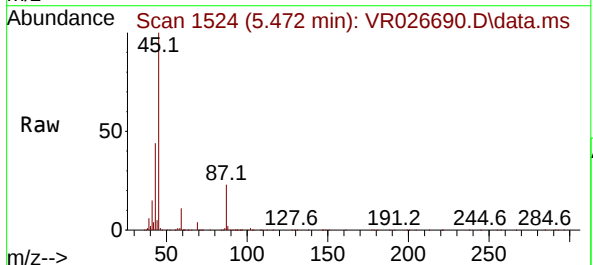
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC020

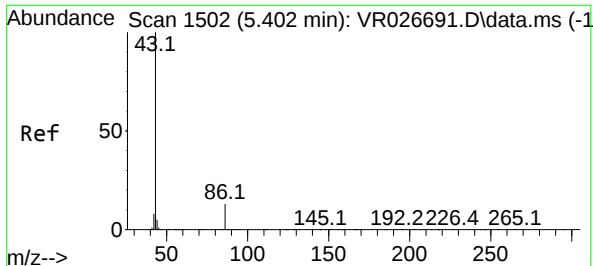
Tgt Ion: 96 Resp: 174646
Ion Ratio Lower Upper
96 100
61 127.4 110.3 165.5
98 60.3 50.2 75.4



#22
Diisopropyl ether
Concen: 21.723 ug/l
RT: 5.472 min Scan# 1524
Delta R.T. -0.003 min
Lab File: VR026690.D
Acq: 4 Aug 2025 11:35

Tgt Ion: 45 Resp: 766520
Ion Ratio Lower Upper
45 100
43 42.8 38.2 57.2
87 23.1 24.0 36.0#
59 11.0 10.1 15.1

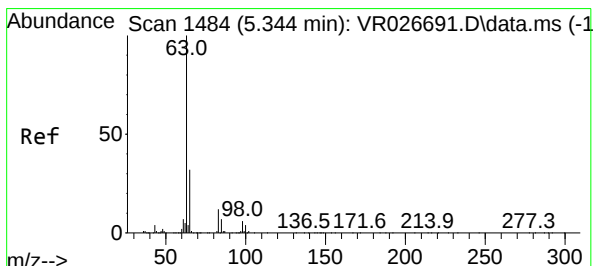
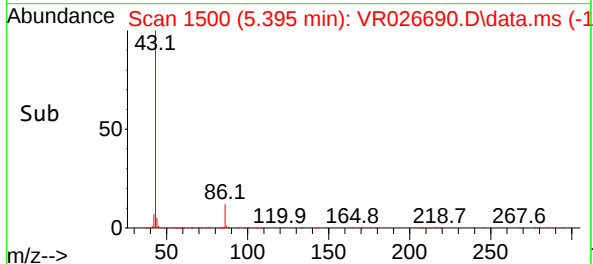
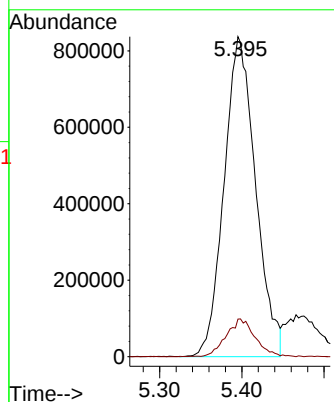
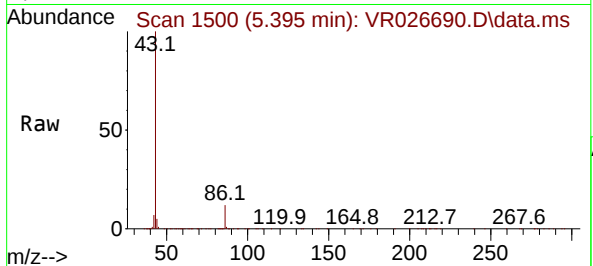




#23
 Vinyl Acetate
 Concen: 110.838 ug/l
 RT: 5.395 min Scan# 1500
 Delta R.T. -0.006 min
 Lab File: VR026690.D
 Acq: 4 Aug 2025 11:35

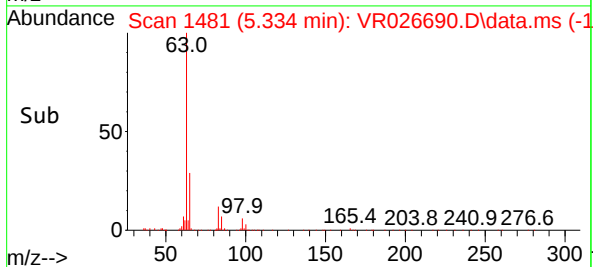
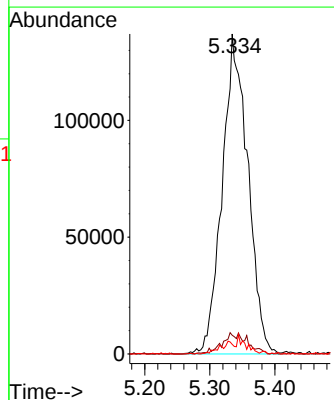
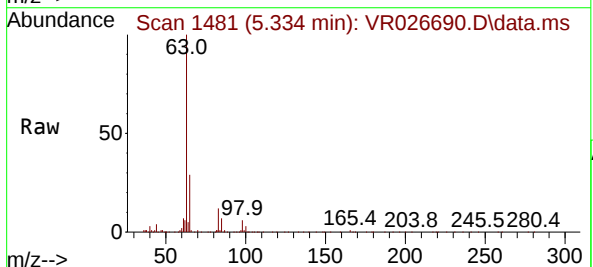
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDIC020

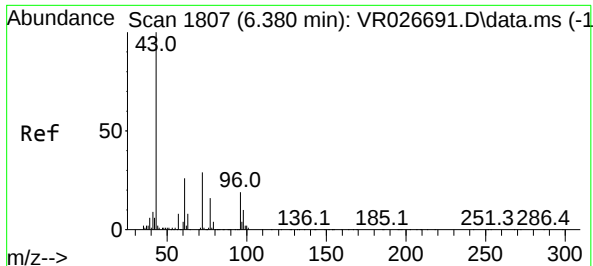
Tgt Ion: 43 Resp: 2229998
 Ion Ratio Lower Upper
 43 100
 86 11.7 10.7 16.1



#24
 1,1-Dichloroethane
 Concen: 20.909 ug/l
 RT: 5.334 min Scan# 1481
 Delta R.T. -0.010 min
 Lab File: VR026690.D
 Acq: 4 Aug 2025 11:35

Tgt Ion: 63 Resp: 373639
 Ion Ratio Lower Upper
 63 100
 98 5.8 2.9 8.8
 100 3.0 1.8 5.4





#25

2-Butanone

Concen: 105.228 ug/l

RT: 6.377 min Scan# 1806

Delta R.T. -0.003 min

Lab File: VR026690.D

Acq: 4 Aug 2025 11:35

Instrument :

MSVOA_R

ClientSampleId :

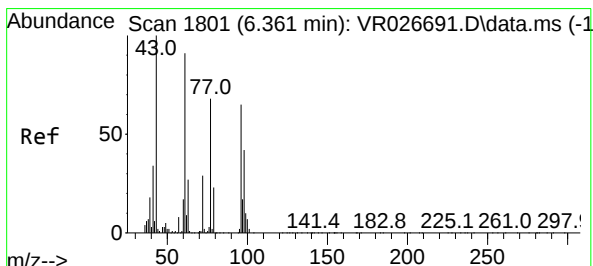
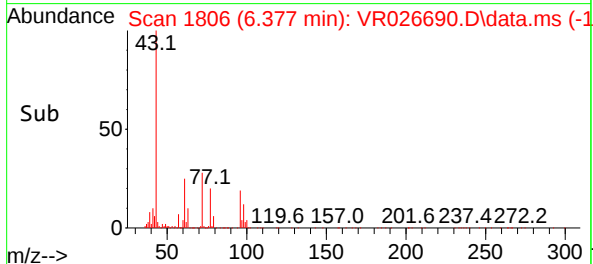
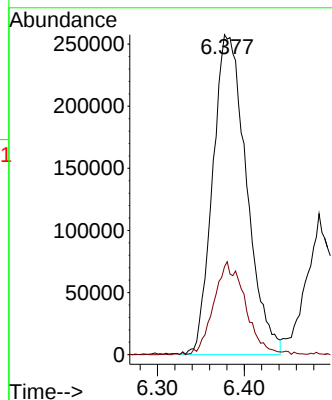
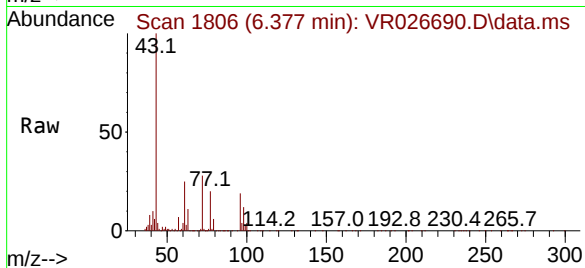
VSTDIC020

Tgt Ion: 43 Resp: 696145

Ion Ratio Lower Upper

43 100

72 27.4 23.1 34.7



#26

2,2-Dichloropropane

Concen: 20.049 ug/l

RT: 6.361 min Scan# 1801

Delta R.T. 0.000 min

Lab File: VR026690.D

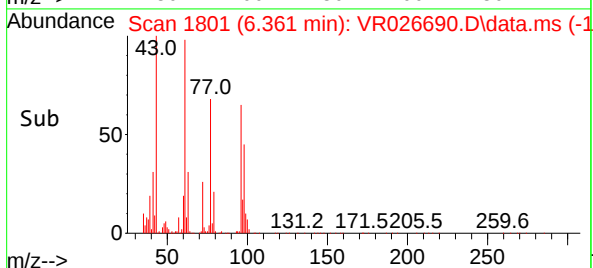
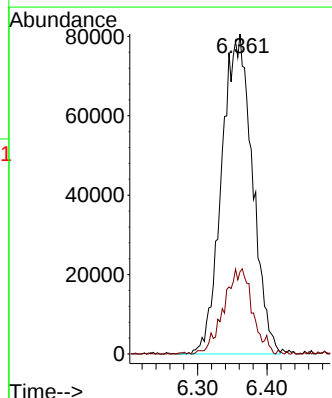
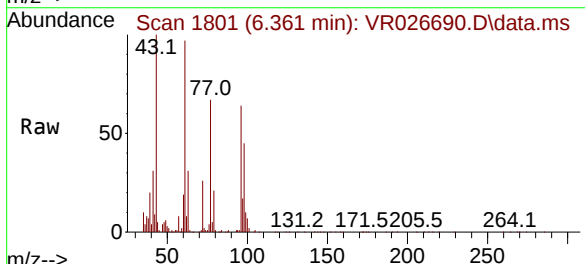
Acq: 4 Aug 2025 11:35

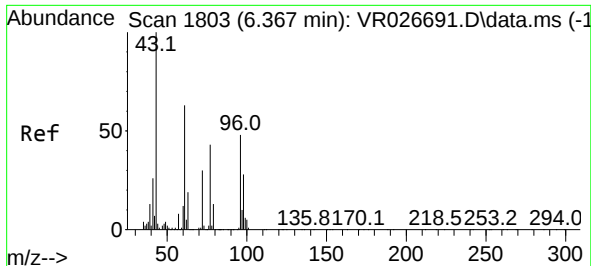
Tgt Ion: 77 Resp: 247672

Ion Ratio Lower Upper

77 100

97 24.8 12.3 36.8





#27

cis-1,2-Dichloroethene

Concen: 20.011 ug/l

RT: 6.358 min Scan# 1800

Delta R.T. -0.010 min

Lab File: VR026690.D

Acq: 4 Aug 2025 11:35

Instrument :

MSVOA_R

ClientSampleId :

VSTDIC020

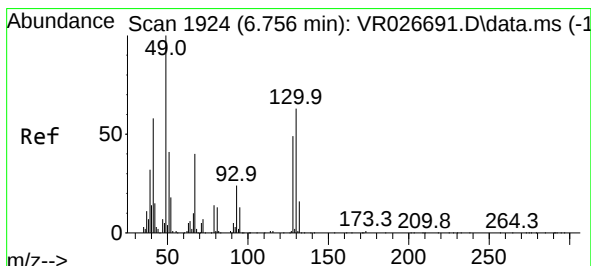
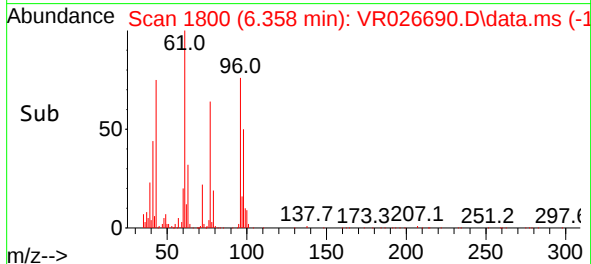
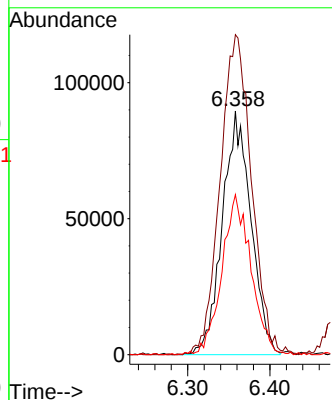
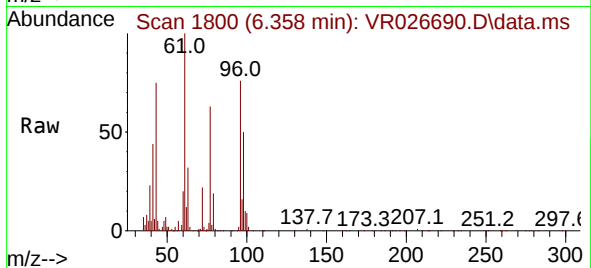
Tgt Ion: 96 Resp: 216620

Ion Ratio Lower Upper

96 100

61 143.8 0.0 279.8

98 65.9 0.0 125.2



#28

Bromochloromethane

Concen: 20.649 ug/l

RT: 6.759 min Scan# 1925

Delta R.T. 0.003 min

Lab File: VR026690.D

Acq: 4 Aug 2025 11:35

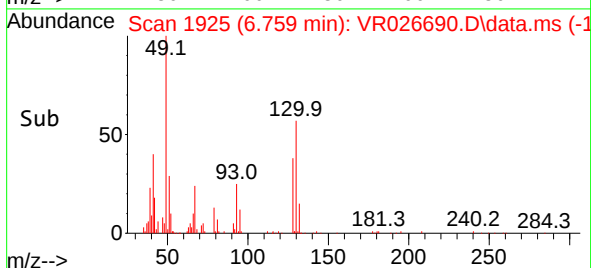
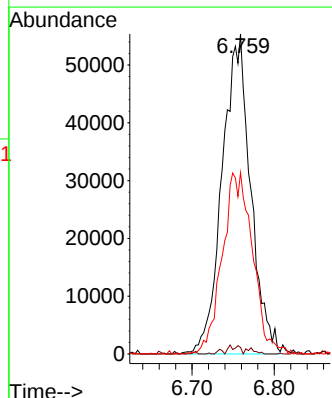
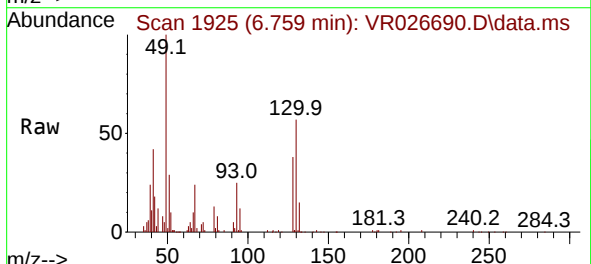
Tgt Ion: 49 Resp: 132964

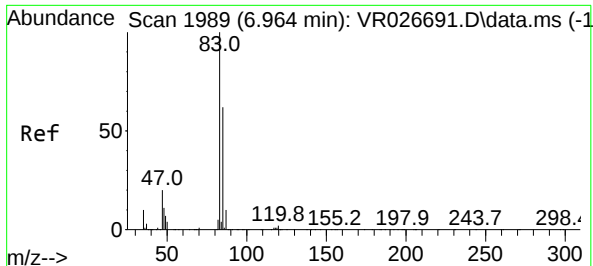
Ion Ratio Lower Upper

49 100

129 0.6 0.0 3.4

130 60.7 52.2 78.4





#29

Chloroform

Concen: 20.811 ug/l

RT: 6.961 min Scan# 1989

Delta R.T. -0.003 min

Lab File: VR026690.D

Acq: 4 Aug 2025 11:35

Instrument :

MSVOA_R

ClientSampleId :

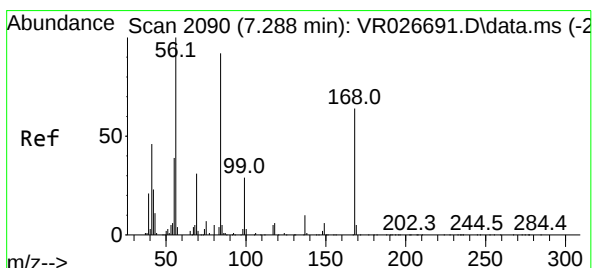
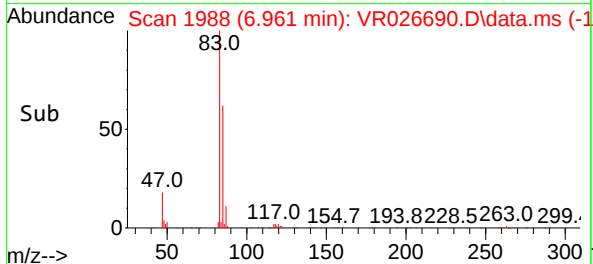
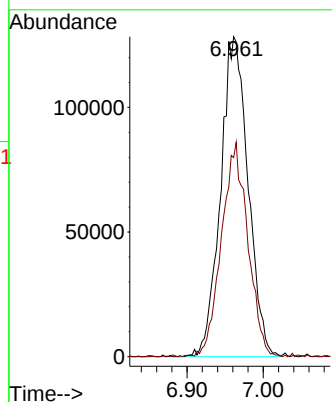
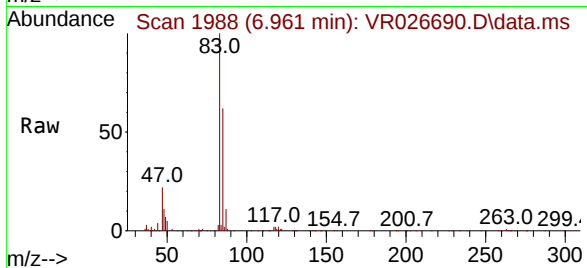
VSTDIC020

Tgt Ion: 83 Resp: 322135

Ion Ratio Lower Upper

83 100

85 62.0 49.6 74.4



#30

Cyclohexane

Concen: 20.158 ug/l

RT: 7.285 min Scan# 2089

Delta R.T. -0.003 min

Lab File: VR026690.D

Acq: 4 Aug 2025 11:35

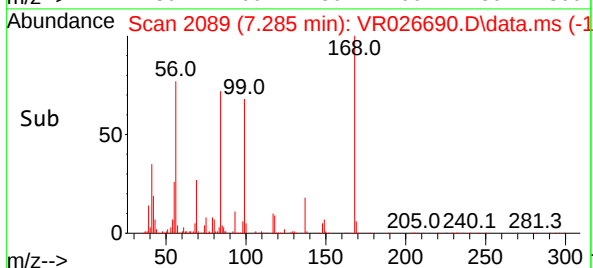
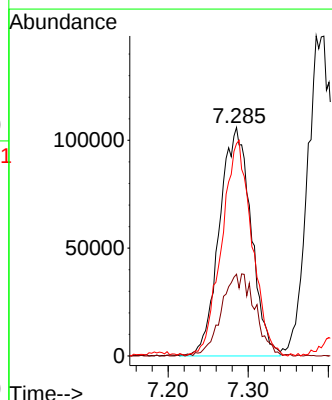
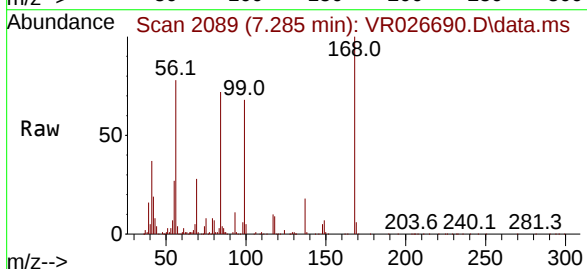
Tgt Ion: 56 Resp: 290897

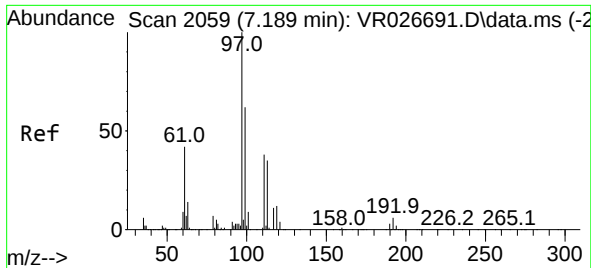
Ion Ratio Lower Upper

56 100

69 34.9 24.8 37.2

84 91.9 73.1 109.7

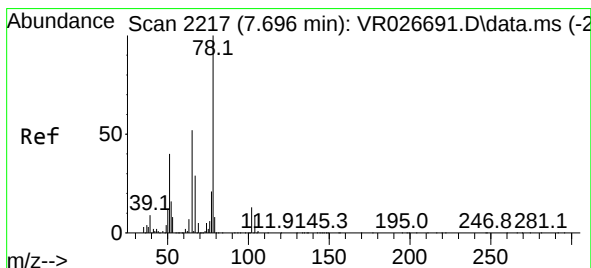
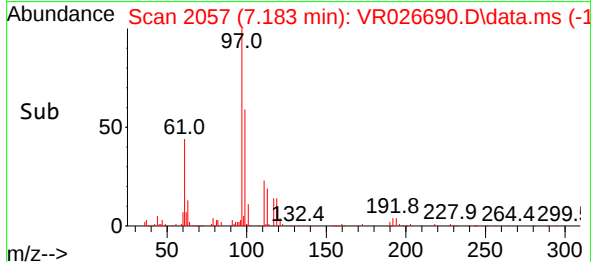
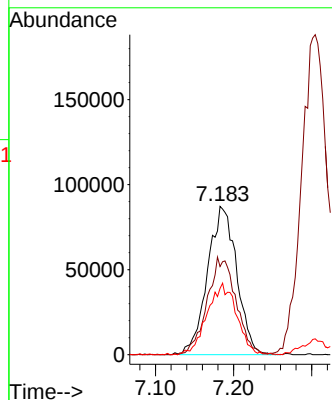
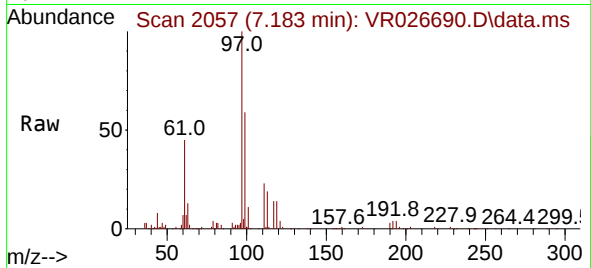




#31
1,1,1-Trichloroethane
Concen: 20.226 ug/l
RT: 7.183 min Scan# 2059
Delta R.T. -0.006 min
Lab File: VR026690.D
Acq: 4 Aug 2025 11:35

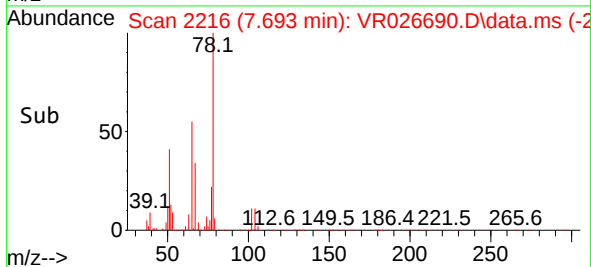
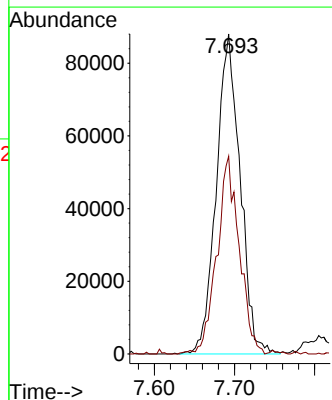
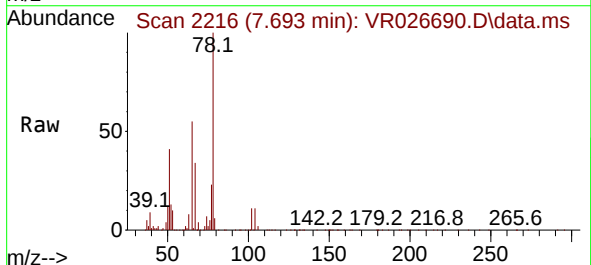
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC020

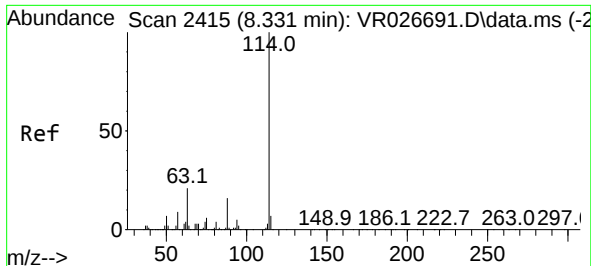
Tgt Ion: 97 Resp: 226206
Ion Ratio Lower Upper
97 100
99 65.1 51.0 76.6
61 48.5 36.3 54.5



#32
1,2-Dichloroethane-d4
Concen: 19.924 ug/l
RT: 7.693 min Scan# 2216
Delta R.T. -0.003 min
Lab File: VR026690.D
Acq: 4 Aug 2025 11:35

Tgt Ion: 65 Resp: 181444
Ion Ratio Lower Upper
65 100
67 58.1 0.0 118.4

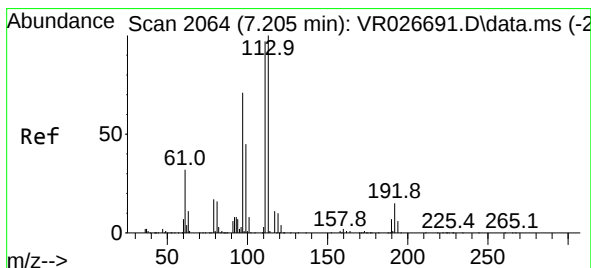
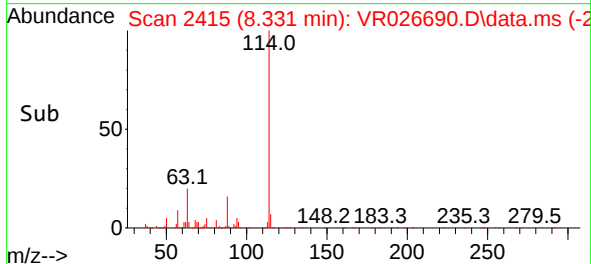
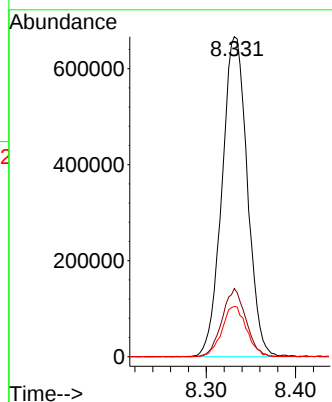
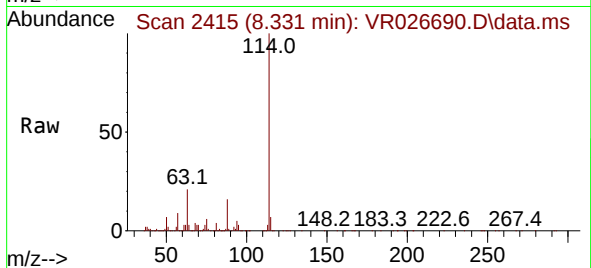




#33
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.331 min Scan# 2415
Delta R.T. 0.000 min
Lab File: VR026690.D
Acq: 4 Aug 2025 11:35

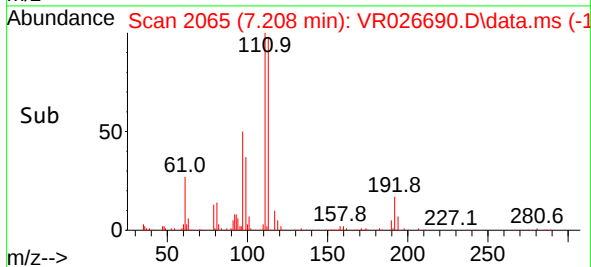
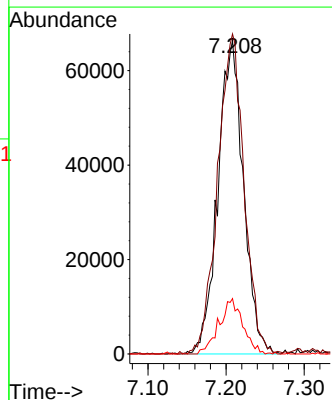
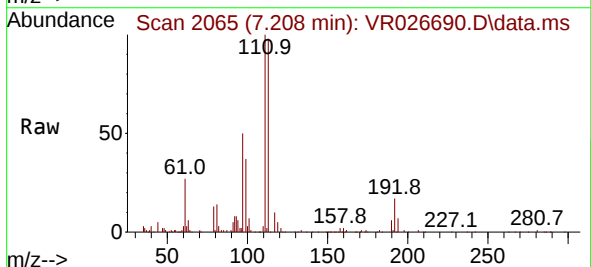
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC020

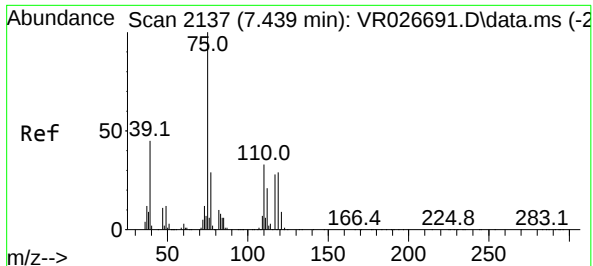
Tgt Ion:114 Resp: 1312905
Ion Ratio Lower Upper
114 100
63 21.3 0.0 41.6
88 15.7 0.0 32.6



#34
Dibromofluoromethane
Concen: 18.615 ug/l
RT: 7.208 min Scan# 2065
Delta R.T. 0.003 min
Lab File: VR026690.D
Acq: 4 Aug 2025 11:35

Tgt Ion:113 Resp: 151163
Ion Ratio Lower Upper
113 100
111 104.9 81.7 122.5
192 16.4 12.3 18.5

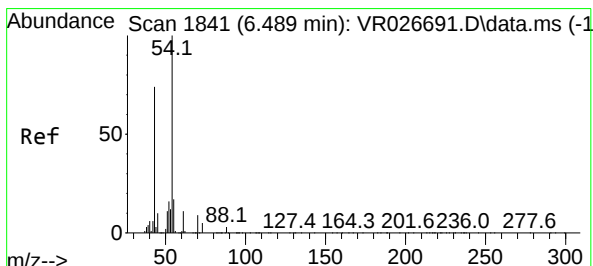
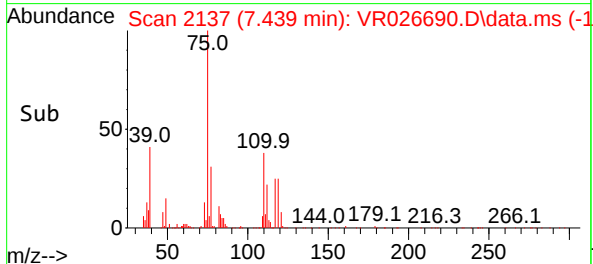
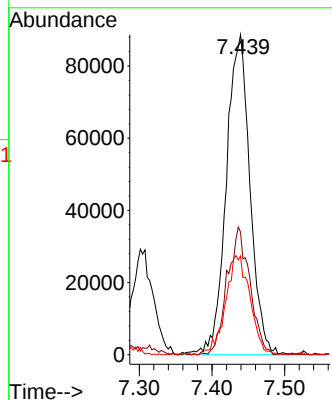
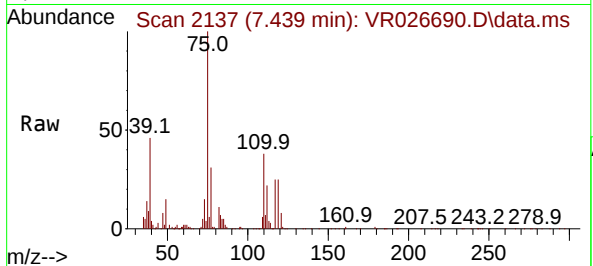




#35
1,1-Dichloropropene
Concen: 19.614 ug/l
RT: 7.439 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VR026690.D
Acq: 4 Aug 2025 11:35

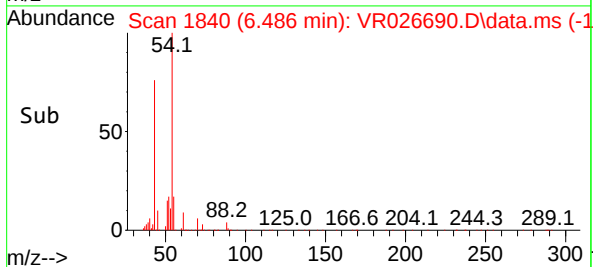
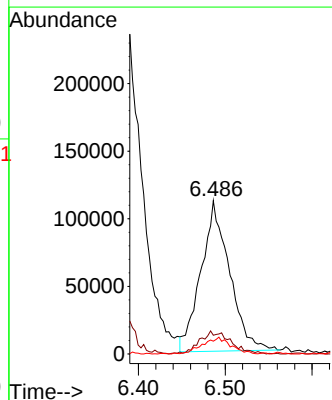
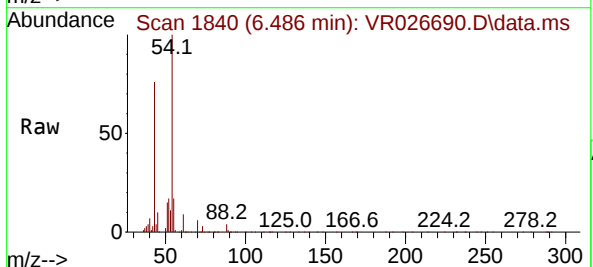
Instrument :
MSVOA_R
ClientSampleId :
VSTDICC020

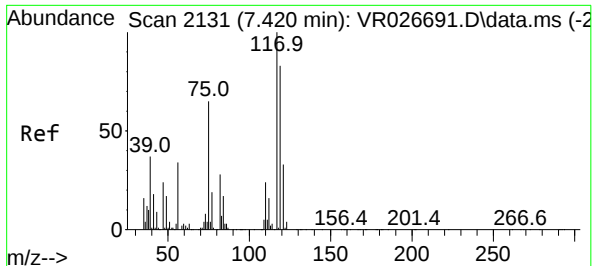
Tgt Ion: 75 Resp: 200934
Ion Ratio Lower Upper
75 100
110 38.0 17.0 50.9
77 31.9 24.6 37.0



#36
Ethyl Acetate
Concen: 20.711 ug/l
RT: 6.486 min Scan# 1840
Delta R.T. -0.003 min
Lab File: VR026690.D
Acq: 4 Aug 2025 11:35

Tgt Ion: 43 Resp: 254007
Ion Ratio Lower Upper
43 100
61 8.8 12.0 18.0#
70 10.6 9.0 13.6

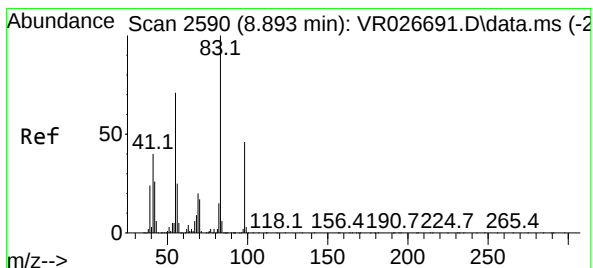
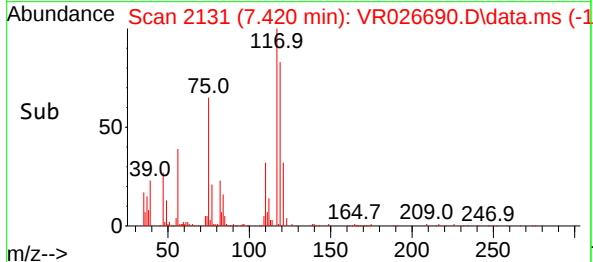
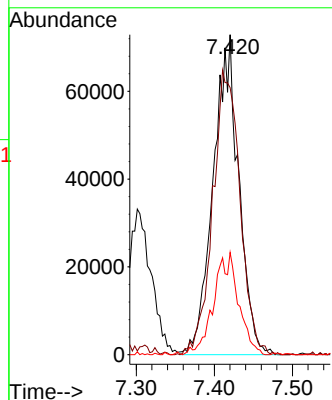
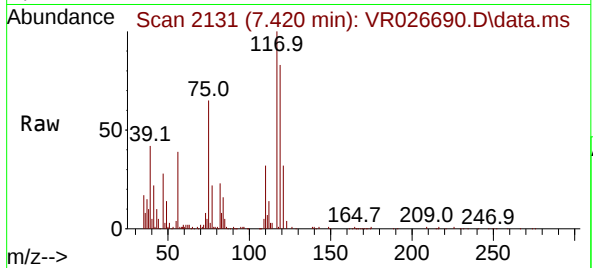




#37
Carbon Tetrachloride
Concen: 19.900 ug/l
RT: 7.420 min Scan# 2131
Delta R.T. 0.000 min
Lab File: VR026690.D
Acq: 4 Aug 2025 11:35

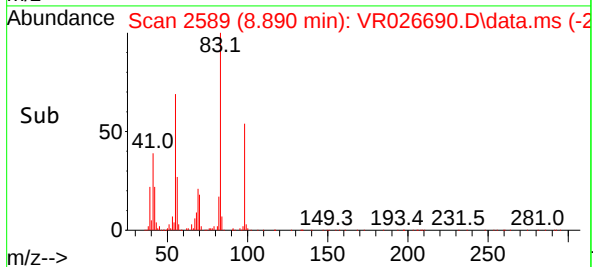
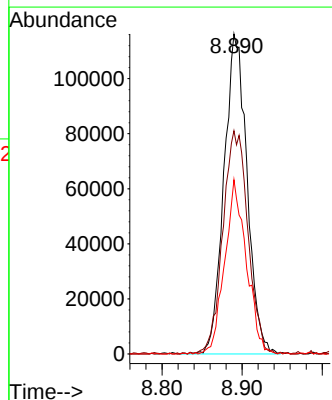
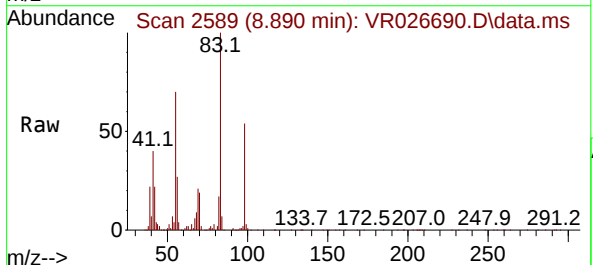
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC020

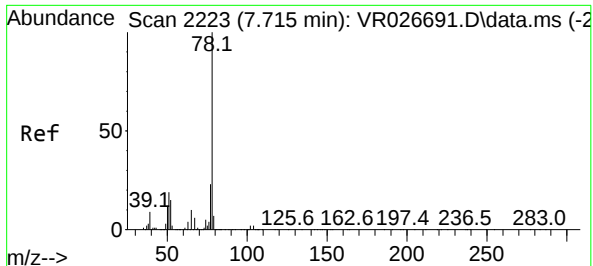
Tgt Ion:117 Resp: 166030
Ion Ratio Lower Upper
117 100
119 83.5 67.0 100.4
121 31.6 26.3 39.5



#38
Methylcyclohexane
Concen: 19.810 ug/l
RT: 8.890 min Scan# 2589
Delta R.T. -0.003 min
Lab File: VR026690.D
Acq: 4 Aug 2025 11:35

Tgt Ion: 83 Resp: 232298
Ion Ratio Lower Upper
83 100
55 69.7 56.7 85.1
98 54.5 36.7 55.1

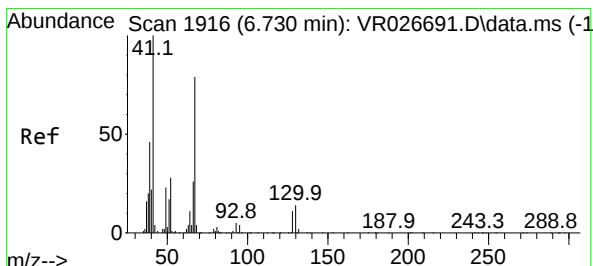
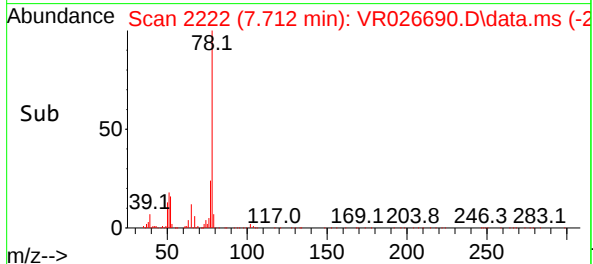
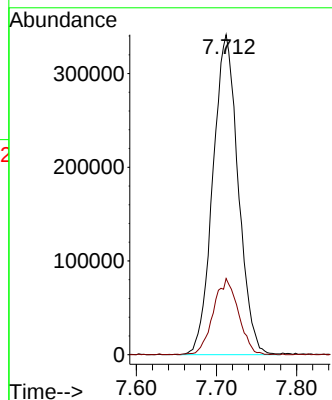
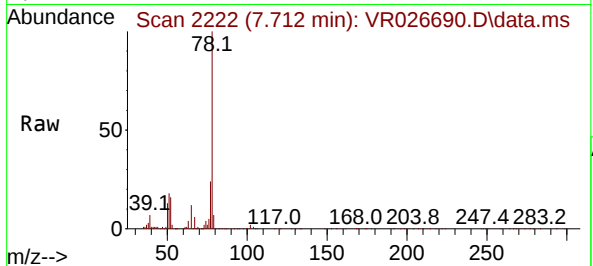




#39
Benzene
Concen: 20.310 ug/l
RT: 7.712 min Scan# 21
Delta R.T. -0.003 min
Lab File: VR026690.D
Acq: 4 Aug 2025 11:35

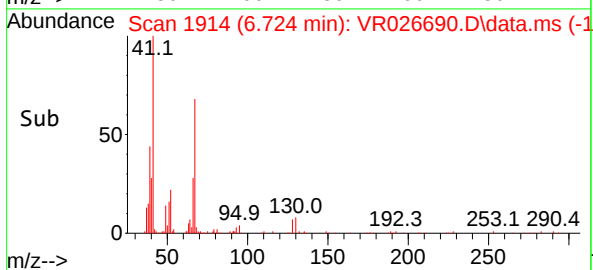
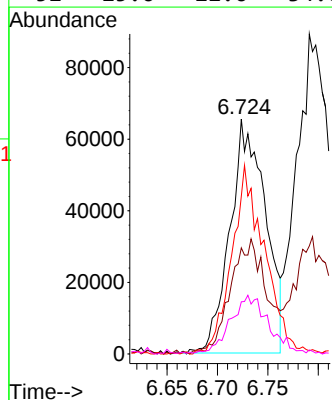
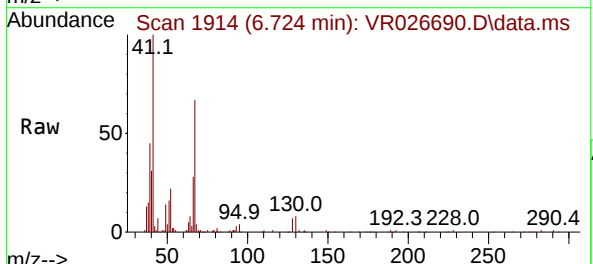
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC020

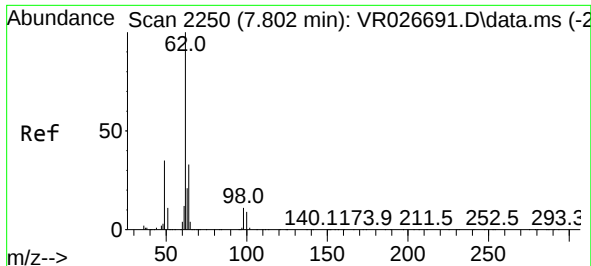
Tgt Ion: 78 Resp: 749250
Ion Ratio Lower Upper
78 100
77 23.8 18.8 28.2



#40
Methacrylonitrile
Concen: 20.946 ug/l
RT: 6.724 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VR026690.D
Acq: 4 Aug 2025 11:35

Tgt Ion: 41 Resp: 159645
Ion Ratio Lower Upper
41 100
39 49.8 42.4 63.6
67 75.0 65.6 98.4
52 25.6 22.6 34.0

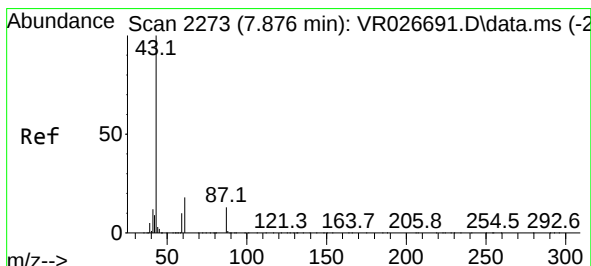
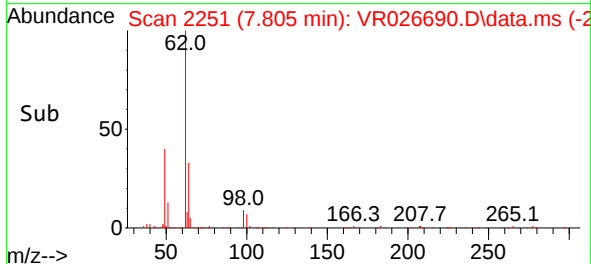
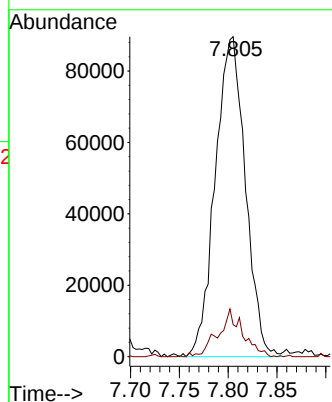
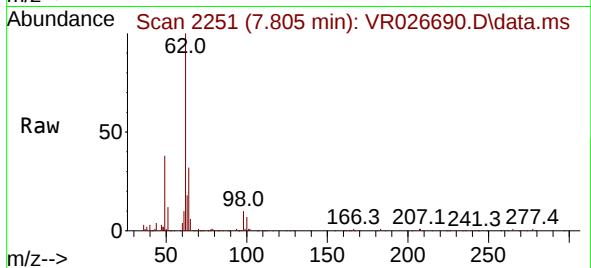




#41
1,2-Dichloroethane
Concen: 20.471 ug/l
RT: 7.805 min Scan# 21
Delta R.T. 0.003 min
Lab File: VR026690.D
Acq: 4 Aug 2025 11:35

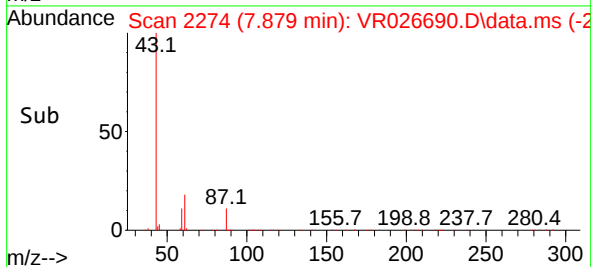
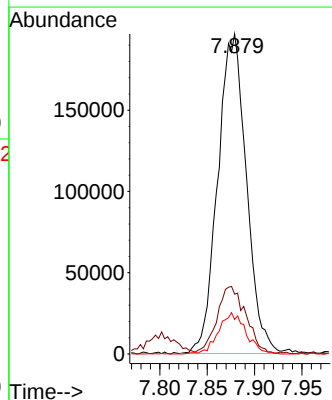
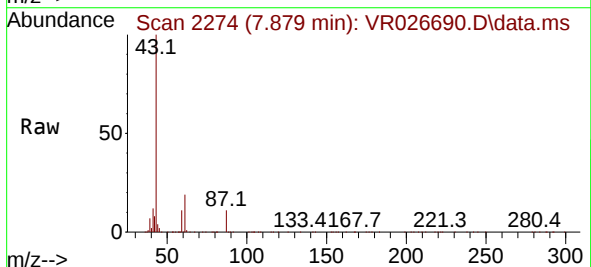
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC020

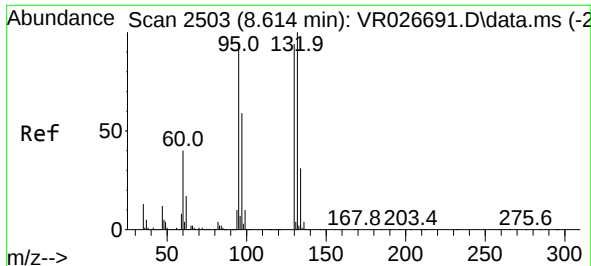
Tgt Ion: 62 Resp: 192089
Ion Ratio Lower Upper
62 100
98 11.8 0.0 22.2



#42
Isopropyl Acetate
Concen: 20.971 ug/l
RT: 7.879 min Scan# 2274
Delta R.T. 0.003 min
Lab File: VR026690.D
Acq: 4 Aug 2025 11:35

Tgt Ion: 43 Resp: 413545
Ion Ratio Lower Upper
43 100
61 20.8 17.9 26.9
87 12.3 10.8 16.2

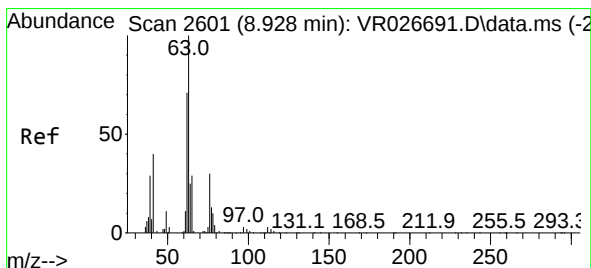
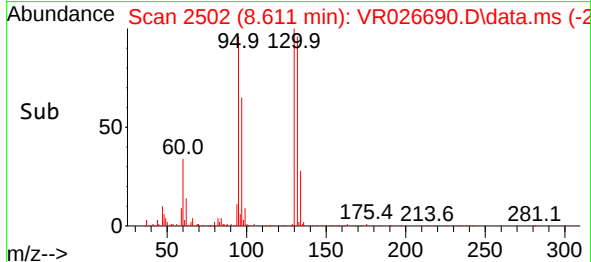
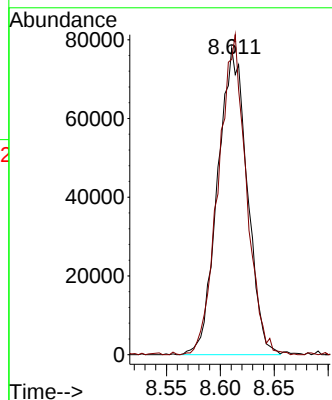
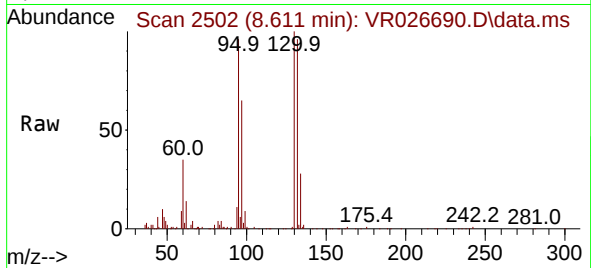




#43
Trichloroethene
Concen: 20.919 ug/l
RT: 8.611 min Scan# 21
Delta R.T. -0.003 min
Lab File: VR026690.D
Acq: 4 Aug 2025 11:35

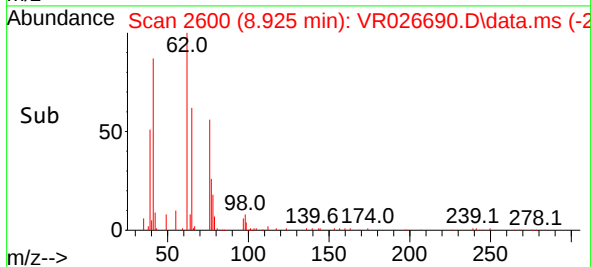
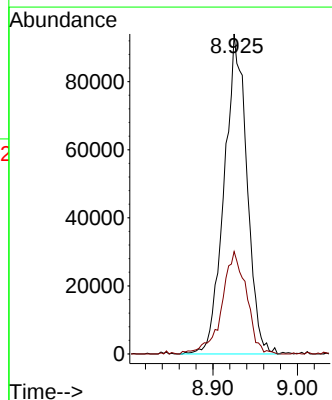
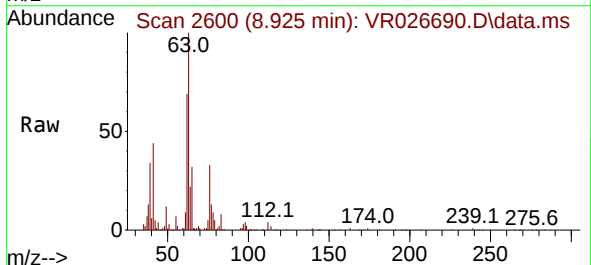
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC020

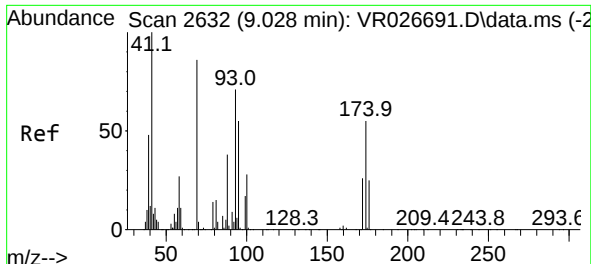
Tgt Ion:130 Resp: 148411
Ion Ratio Lower Upper
130 100
95 96.4 0.0 200.6



#44
1,2-Dichloropropane
Concen: 20.100 ug/l
RT: 8.925 min Scan# 2600
Delta R.T. -0.003 min
Lab File: VR026690.D
Acq: 4 Aug 2025 11:35

Tgt Ion: 63 Resp: 175474
Ion Ratio Lower Upper
63 100
65 32.0 23.8 35.8

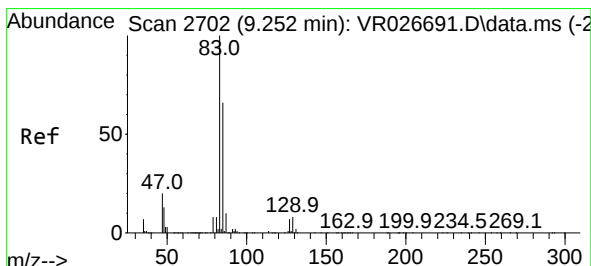
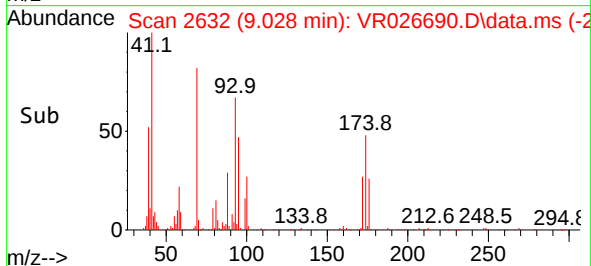
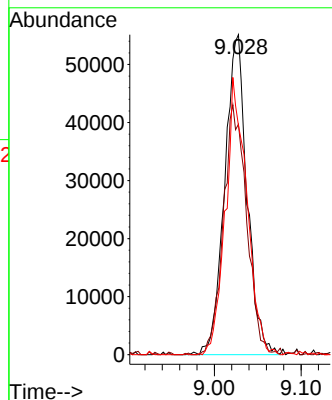
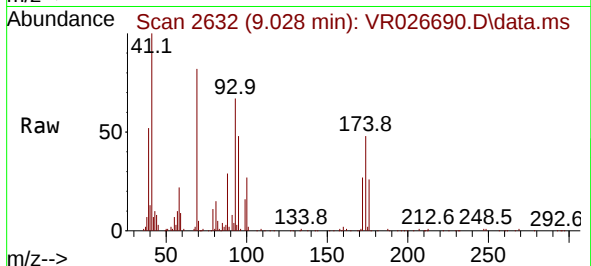




#45
Dibromomethane
Concen: 20.330 ug/l
RT: 9.028 min Scan# 20
Delta R.T. 0.000 min
Lab File: VR026690.D
Acq: 4 Aug 2025 11:35

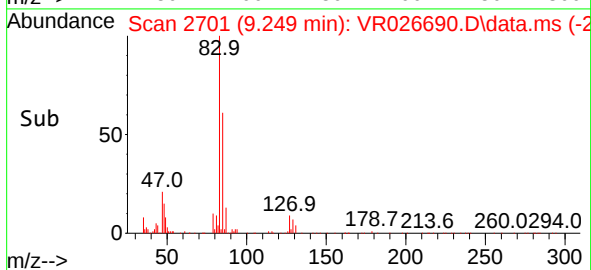
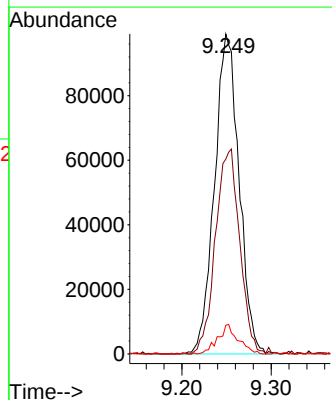
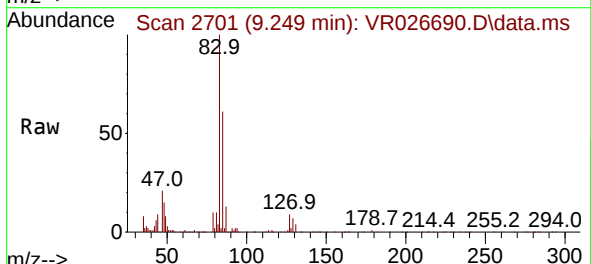
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC020

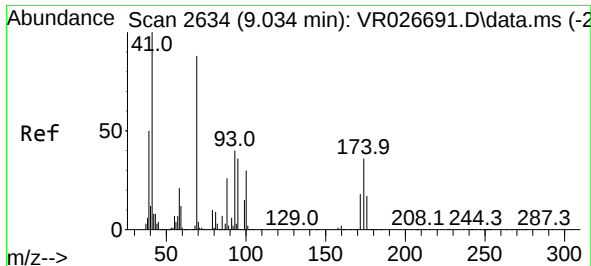
Tgt Ion: 93 Resp: 98706
Ion Ratio Lower Upper
93 100
95 81.1 69.4 104.0
174 83.0 66.9 100.3



#46
Bromodichloromethane
Concen: 20.119 ug/l
RT: 9.249 min Scan# 2701
Delta R.T. -0.003 min
Lab File: VR026690.D
Acq: 4 Aug 2025 11:35

Tgt Ion: 83 Resp: 189264
Ion Ratio Lower Upper
83 100
85 60.9 52.6 78.8
127 9.0 5.5 8.3





#47

Methyl methacrylate

Concen: 21.552 ug/l

RT: 9.041 min Scan# 2

Delta R.T. 0.006 min

Lab File: VR026690.D

Acq: 4 Aug 2025 11:35

Instrument :

MSVOA_R

ClientSampleId :

VSTDIC020

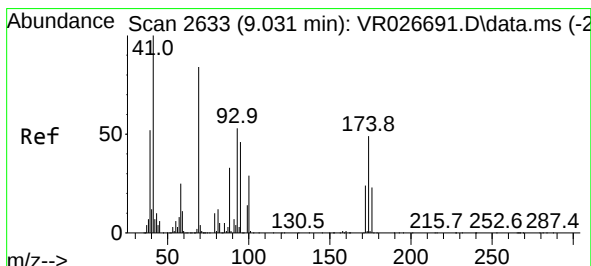
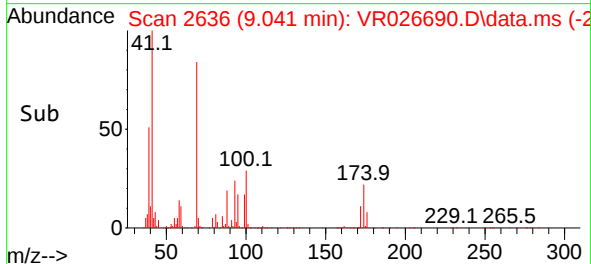
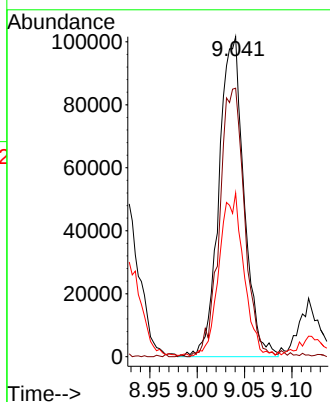
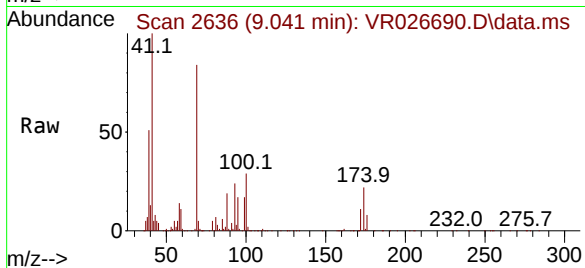
Tgt Ion: 41 Resp: 186017

Ion Ratio Lower Upper

41 100

69 83.7 69.8 104.6

39 49.7 39.4 59.2



#48

1,4-Dioxane

Concen: 433.293 ug/l

RT: 9.037 min Scan# 2635

Delta R.T. 0.006 min

Lab File: VR026690.D

Acq: 4 Aug 2025 11:35

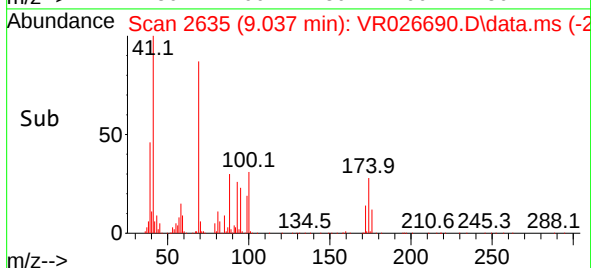
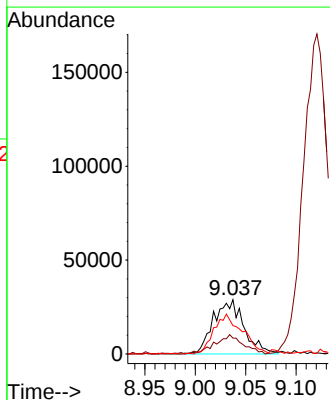
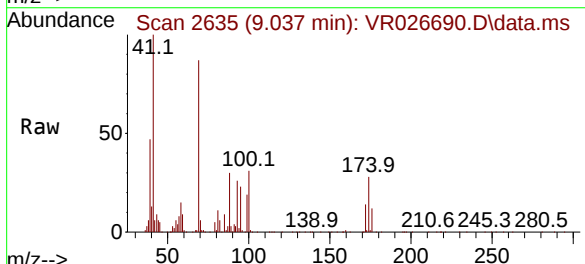
Tgt Ion: 88 Resp: 60240

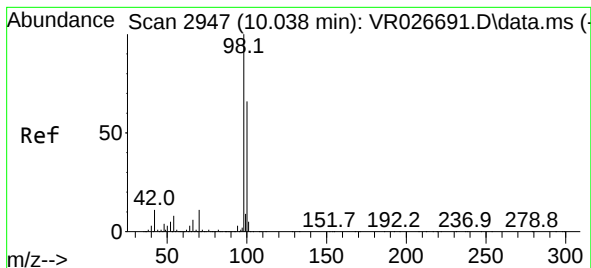
Ion Ratio Lower Upper

88 100

43 32.8 25.2 37.8

58 69.4 60.8 91.2





#49

Toluene-d8

Concen: 19.130 ug/l

RT: 10.039 min Scan# 2947

Delta R.T. 0.000 min

Lab File: VR026690.D

Acq: 4 Aug 2025 11:35

Instrument :

MSVOA_R

ClientSampleId :

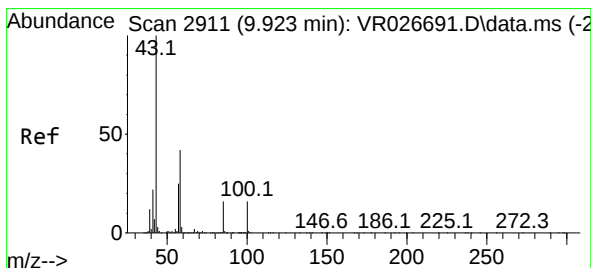
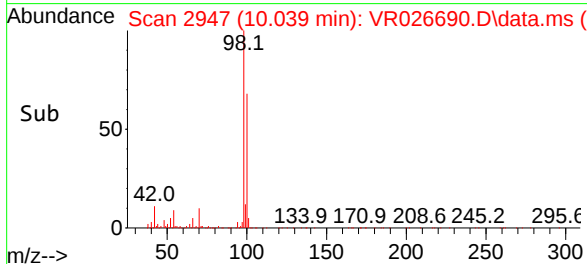
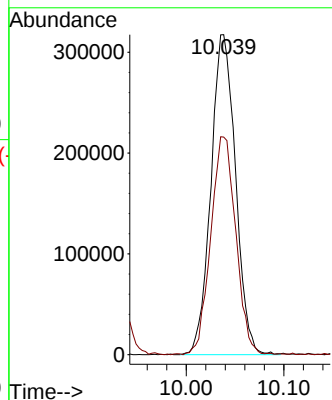
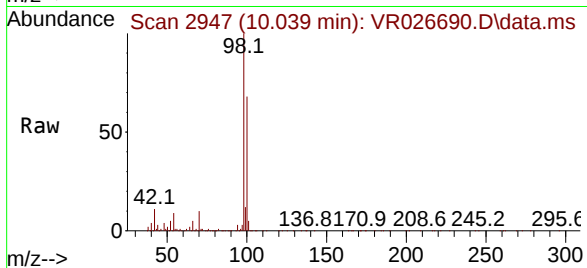
VSTDIC020

Tgt Ion: 98 Resp: 556543

Ion Ratio Lower Upper

98 100

100 69.2 53.9 80.9



#50

4-Methyl-2-Pentanone

Concen: 107.522 ug/l

RT: 9.923 min Scan# 2911

Delta R.T. 0.000 min

Lab File: VR026690.D

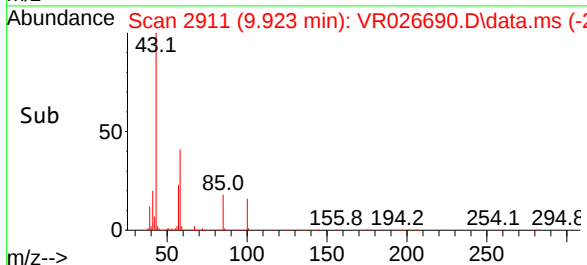
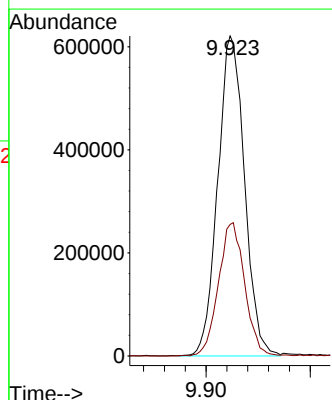
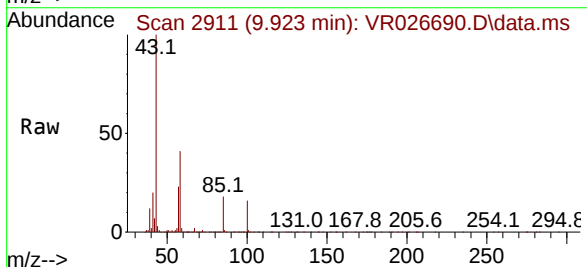
Acq: 4 Aug 2025 11:35

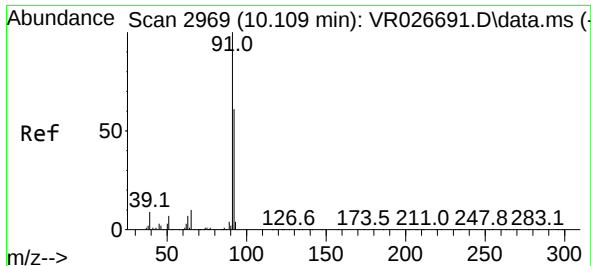
Tgt Ion: 43 Resp: 1106981

Ion Ratio Lower Upper

43 100

58 40.5 33.7 50.5

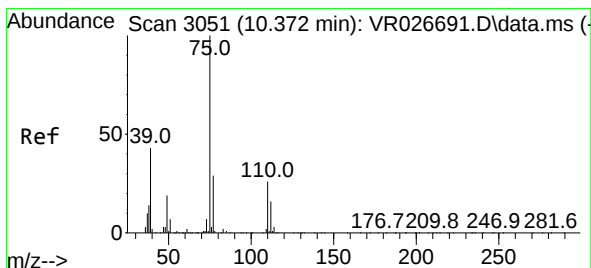
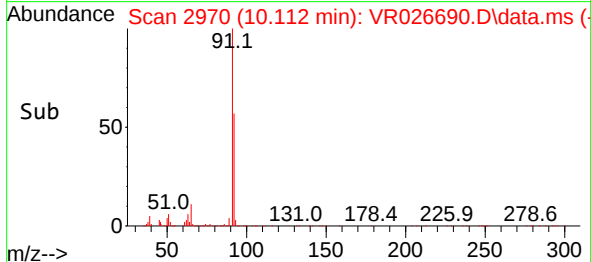
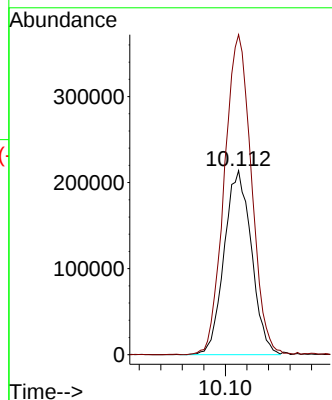
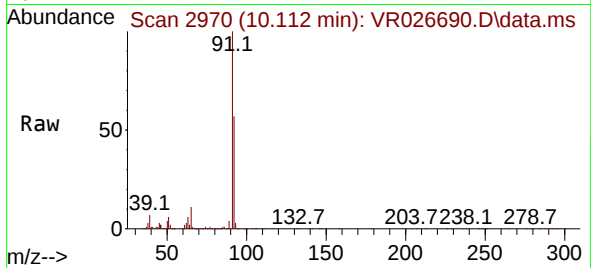




#51
Toluene
Concen: 19.926 ug/l
RT: 10.112 min Scan# 2969
Delta R.T. 0.003 min
Lab File: VR026690.D
Acq: 4 Aug 2025 11:35

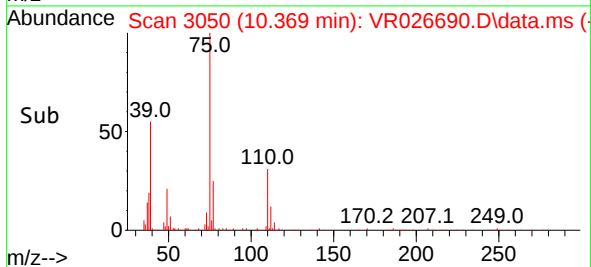
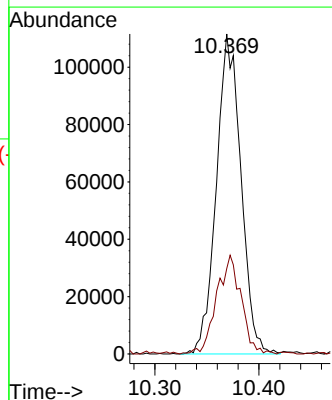
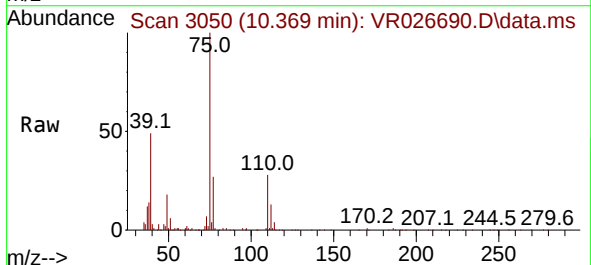
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC020

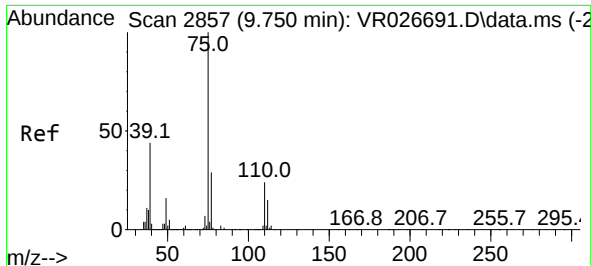
Tgt Ion: 92 Resp: 375251
Ion Ratio Lower Upper
92 100
91 173.1 137.8 206.6



#52
t-1,3-Dichloropropene
Concen: 19.810 ug/l
RT: 10.369 min Scan# 3050
Delta R.T. -0.003 min
Lab File: VR026690.D
Acq: 4 Aug 2025 11:35

Tgt Ion: 75 Resp: 182656
Ion Ratio Lower Upper
75 100
77 26.7 23.4 35.2

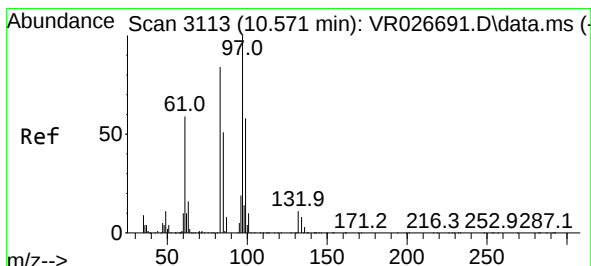
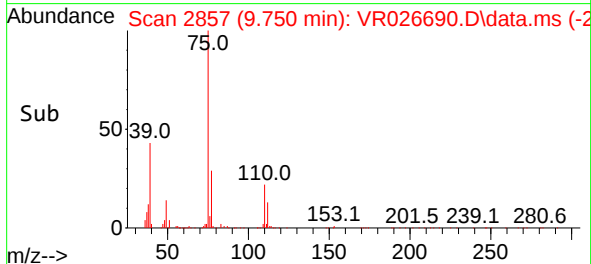
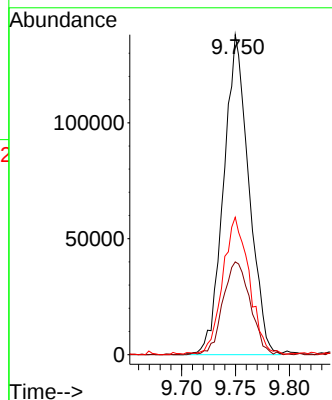
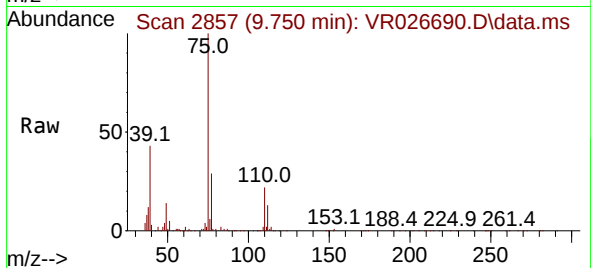




#53
cis-1,3-Dichloropropene
Concen: 20.335 ug/l
RT: 9.750 min Scan# 21
Delta R.T. 0.000 min
Lab File: VR026690.D
Acq: 4 Aug 2025 11:35

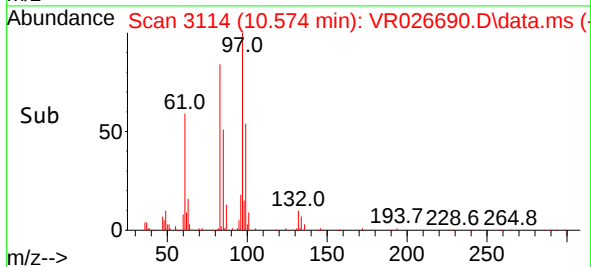
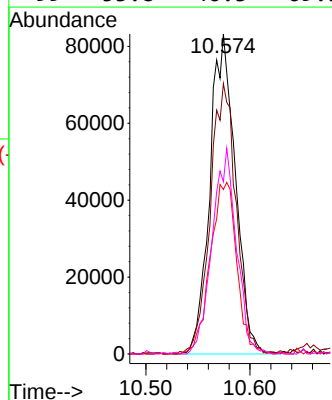
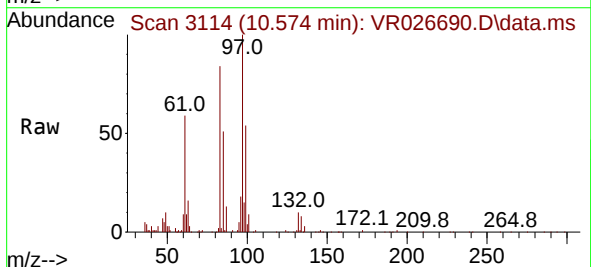
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC020

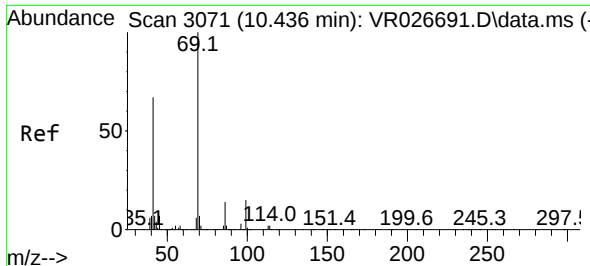
Tgt Ion: 75 Resp: 224892
Ion Ratio Lower Upper
75 100
77 29.0 22.9 34.3
39 42.6 34.8 52.2



#54
1,1,2-Trichloroethane
Concen: 20.646 ug/l
RT: 10.574 min Scan# 3114
Delta R.T. 0.003 min
Lab File: VR026690.D
Acq: 4 Aug 2025 11:35

Tgt Ion: 97 Resp: 141994
Ion Ratio Lower Upper
97 100
83 83.7 67.4 101.2
85 51.2 40.4 60.6
99 53.8 46.3 69.5

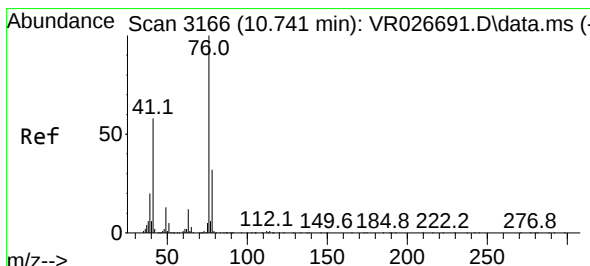
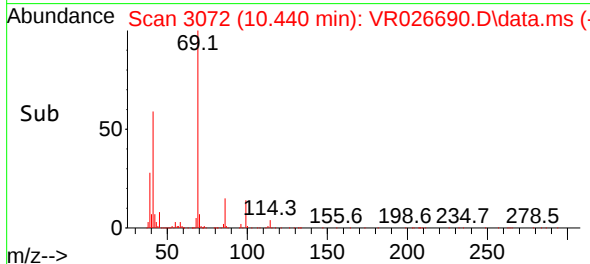
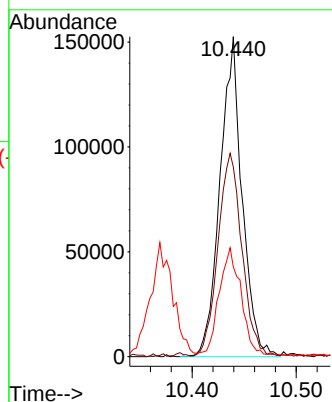
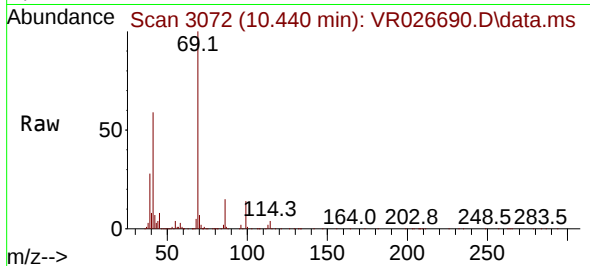




#55
Ethyl methacrylate
Concen: 19.803 ug/l
RT: 10.440 min Scan# 3071
Delta R.T. 0.003 min
Lab File: VR026690.D
Acq: 4 Aug 2025 11:35

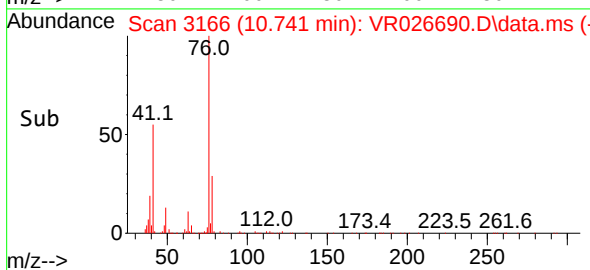
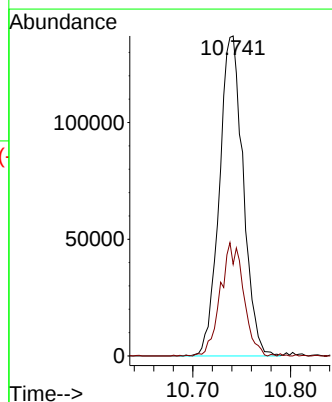
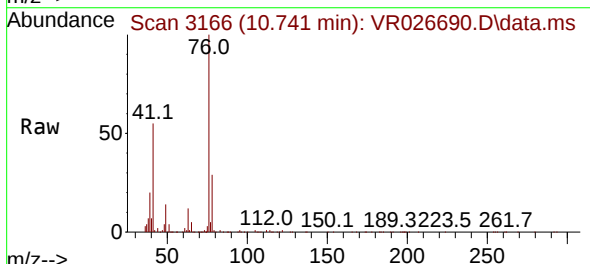
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC020

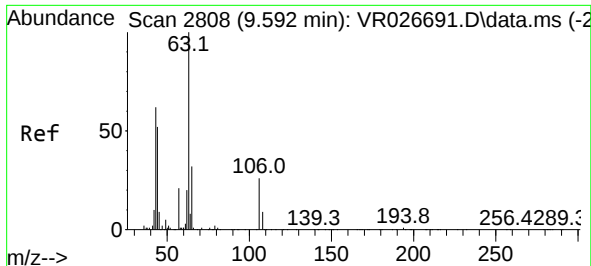
Tgt Ion: 69 Resp: 224921
Ion Ratio Lower Upper
69 100
41 68.6 51.5 77.3
39 33.2 24.7 37.1



#56
1,3-Dichloropropane
Concen: 19.820 ug/l
RT: 10.741 min Scan# 3166
Delta R.T. 0.000 min
Lab File: VR026690.D
Acq: 4 Aug 2025 11:35

Tgt Ion: 76 Resp: 232187
Ion Ratio Lower Upper
76 100
78 34.4 25.8 38.6

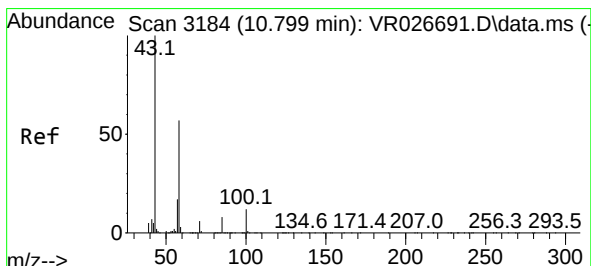
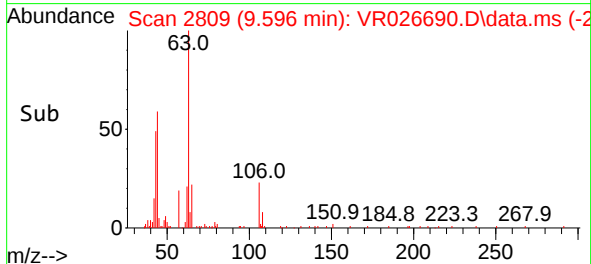
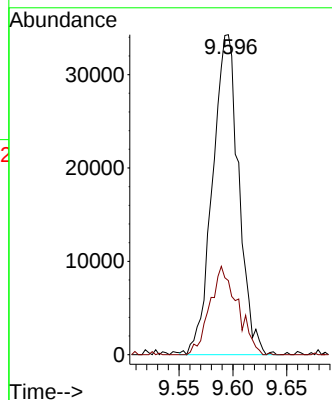
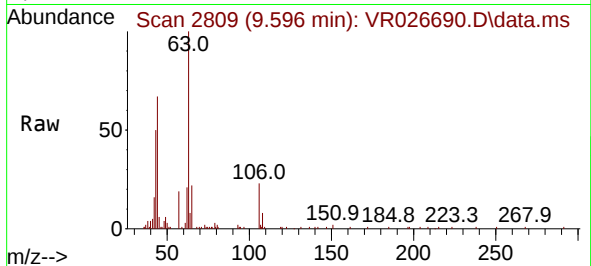




#57
2-Chloroethyl Vinyl ether
Concen: 92.238 ug/l
RT: 9.596 min Scan# 21
Delta R.T. 0.003 min
Lab File: VR026690.D
Acq: 4 Aug 2025 11:35

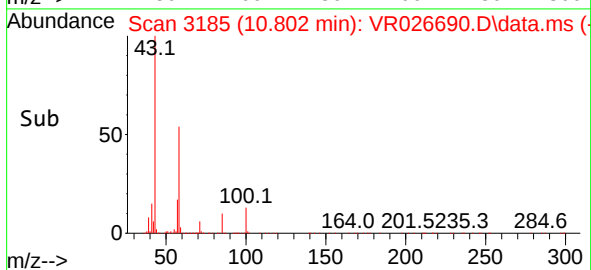
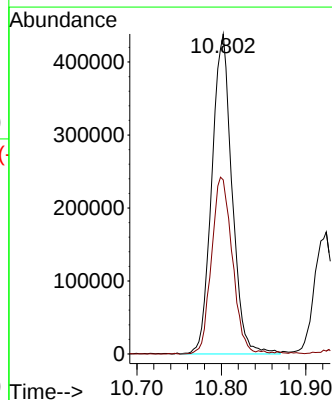
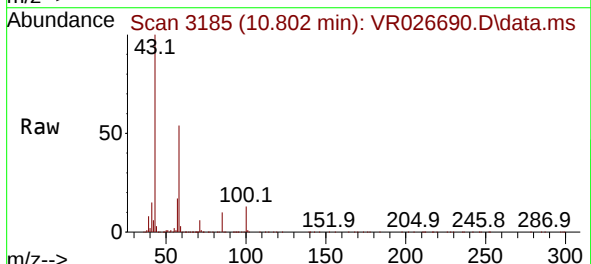
Instrument :
MSVOA_R
ClientSampleId :
VSTDICC020

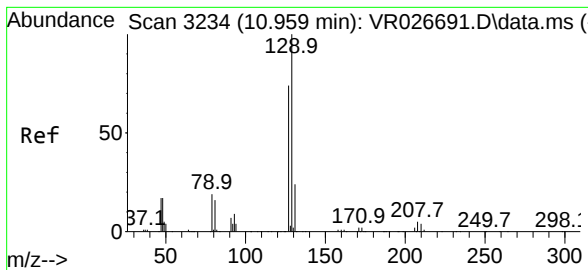
Tgt Ion: 63 Resp: 57895
Ion Ratio Lower Upper
63 100
106 29.3 22.5 33.7



#58
2-Hexanone
Concen: 105.205 ug/l
RT: 10.802 min Scan# 3185
Delta R.T. 0.003 min
Lab File: VR026690.D
Acq: 4 Aug 2025 11:35

Tgt Ion: 43 Resp: 730182
Ion Ratio Lower Upper
43 100
58 56.5 28.8 86.4

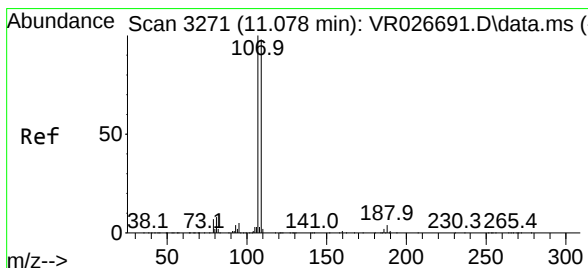
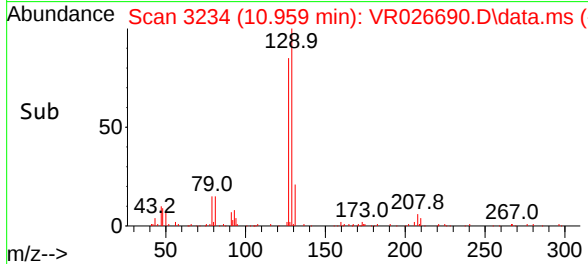
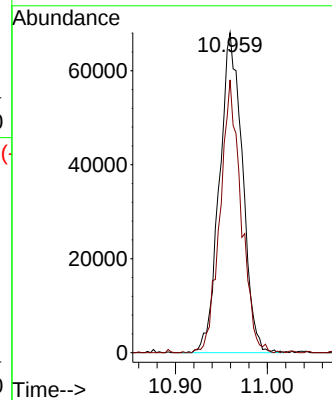
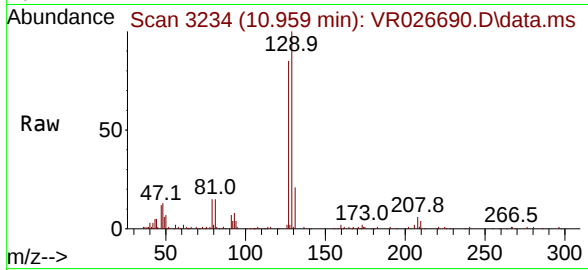




#59
 Dibromochloromethane
 Concen: 20.308 ug/l
 RT: 10.959 min Scan# 3234
 Delta R.T. 0.000 min
 Lab File: VR026690.D
 Acq: 4 Aug 2025 11:35

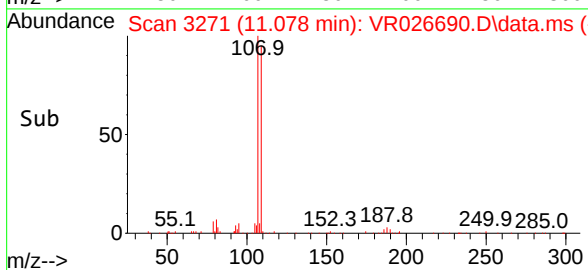
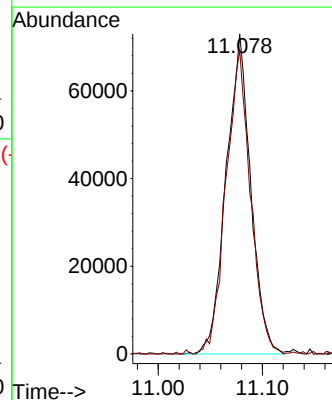
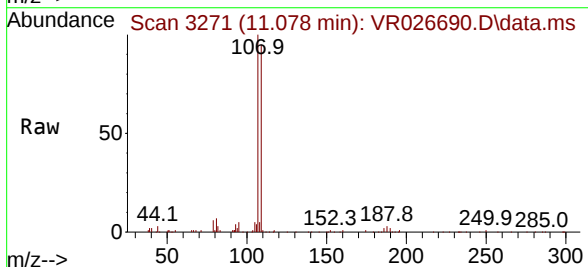
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDIC020

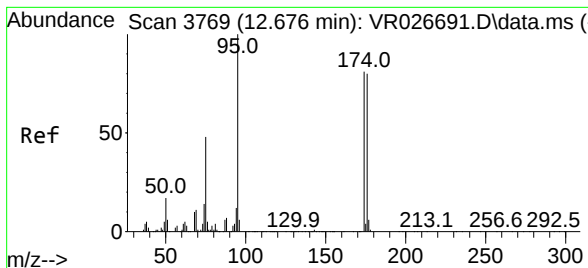
Tgt Ion:129 Resp: 118203
 Ion Ratio Lower Upper
 129 100
 127 78.1 38.9 116.6



#60
 1,2-Dibromoethane
 Concen: 20.147 ug/l
 RT: 11.078 min Scan# 3271
 Delta R.T. 0.000 min
 Lab File: VR026690.D
 Acq: 4 Aug 2025 11:35

Tgt Ion:107 Resp: 119258
 Ion Ratio Lower Upper
 107 100
 109 95.0 75.9 113.9

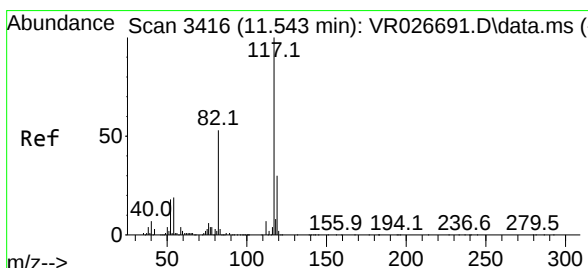
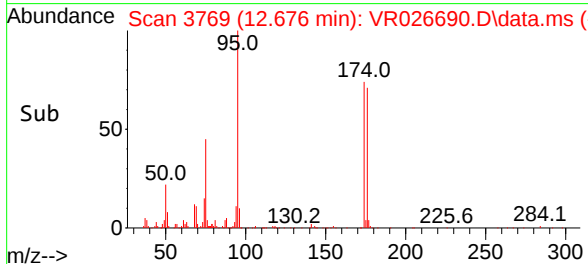
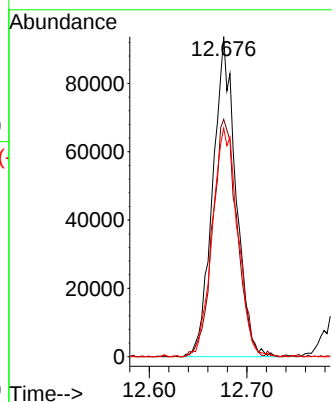
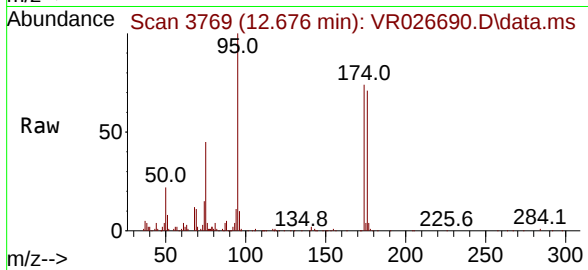




#61
4-Bromofluorobenzene
Concen: 18.583 ug/l
RT: 12.676 min Scan# 3769
Delta R.T. 0.000 min
Lab File: VR026690.D
Acq: 4 Aug 2025 11:35

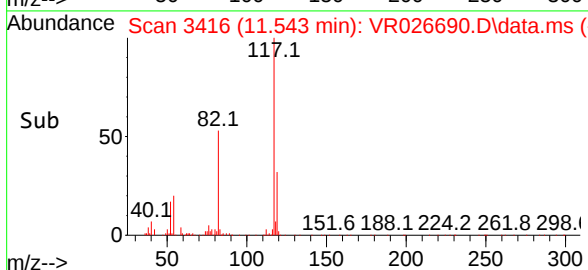
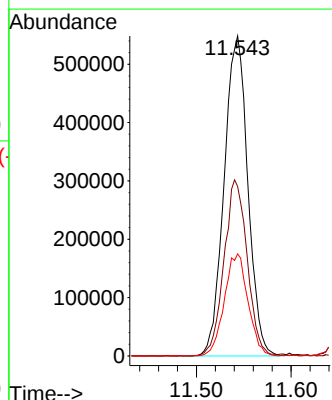
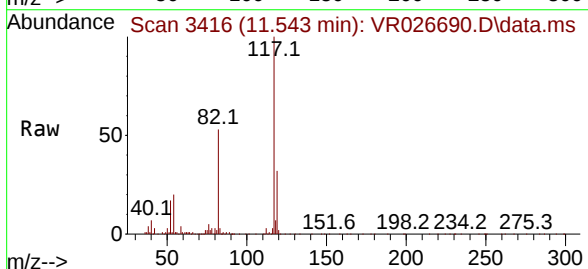
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC020

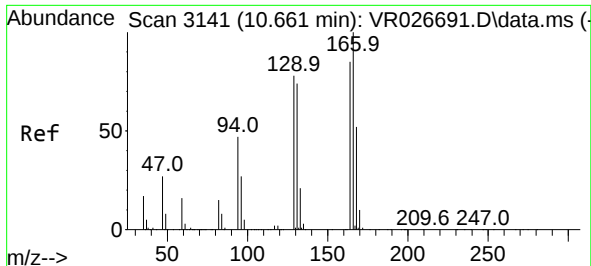
Tgt Ion: 95 Resp: 153769
Ion Ratio Lower Upper
95 100
174 78.8 0.0 158.4
176 78.8 0.0 149.0



#62
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.543 min Scan# 3416
Delta R.T. 0.000 min
Lab File: VR026690.D
Acq: 4 Aug 2025 11:35

Tgt Ion: 117 Resp: 954916
Ion Ratio Lower Upper
117 100
82 52.8 42.0 63.0
119 31.9 23.9 35.9

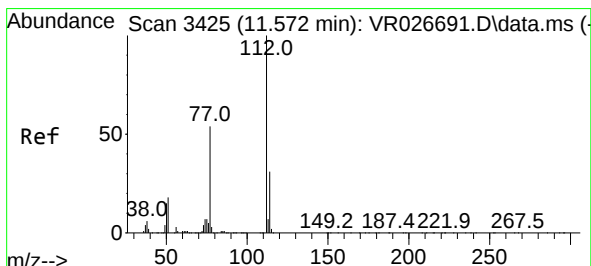
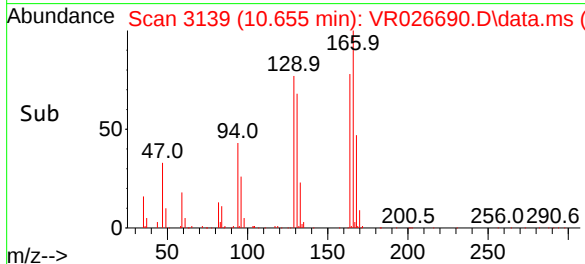
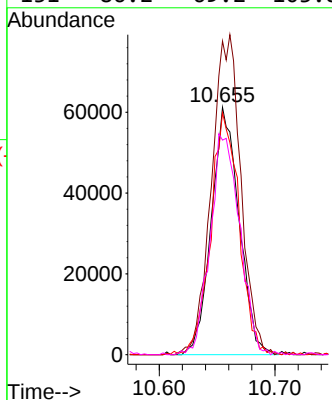
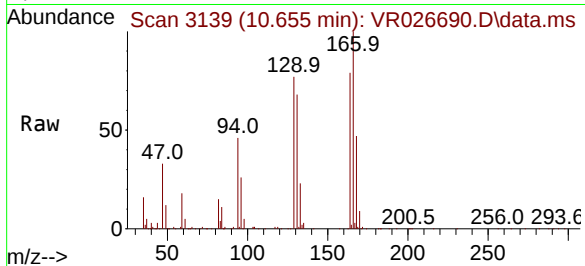




#63
Tetrachloroethene
Concen: 19.581 ug/l
RT: 10.655 min Scan# 3141
Delta R.T. -0.006 min
Lab File: VR026690.D
Acq: 4 Aug 2025 11:35

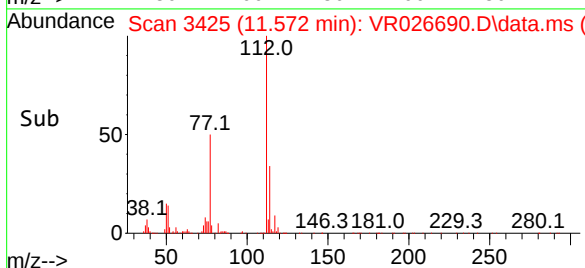
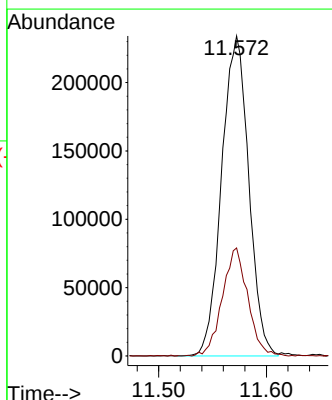
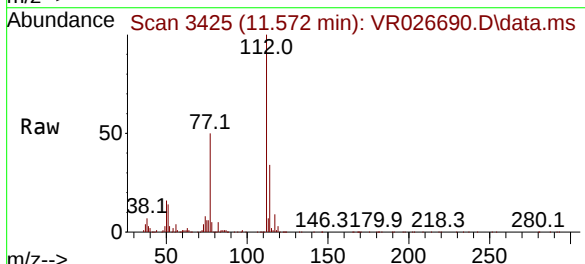
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC020

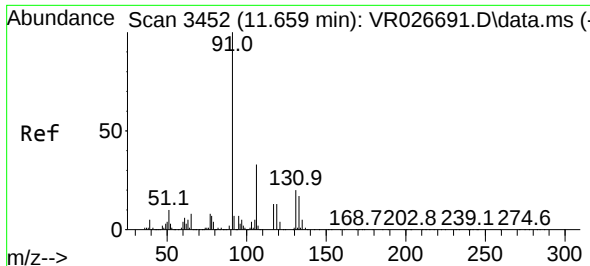
Tgt Ion:164 Resp: 102147
Ion Ratio Lower Upper
164 100
166 126.3 93.7 140.5
129 97.4 73.4 110.2
131 86.2 69.2 103.8



#64
Chlorobenzene
Concen: 20.584 ug/l
RT: 11.572 min Scan# 3425
Delta R.T. 0.000 min
Lab File: VR026690.D
Acq: 4 Aug 2025 11:35

Tgt Ion:112 Resp: 409083
Ion Ratio Lower Upper
112 100
114 33.7 25.0 37.6

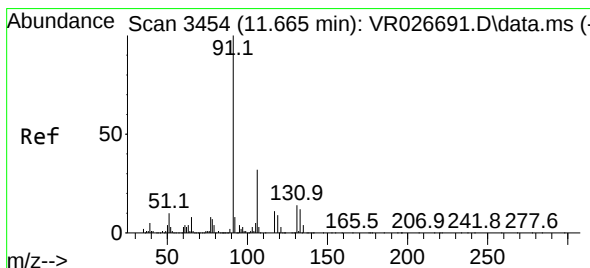
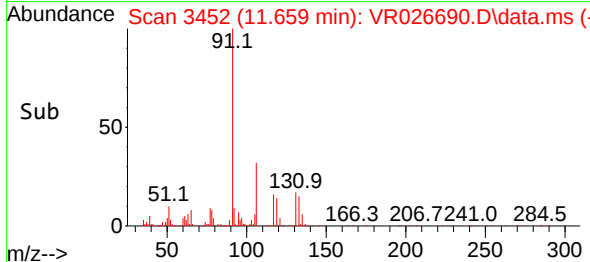
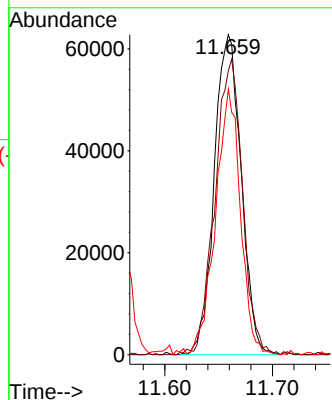
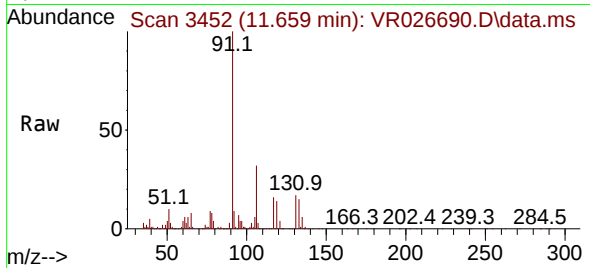




#65
1,1,1,2-Tetrachloroethane
Concen: 20.079 ug/l
RT: 11.659 min Scan# 3452
Delta R.T. 0.000 min
Lab File: VR026690.D
Acq: 4 Aug 2025 11:35

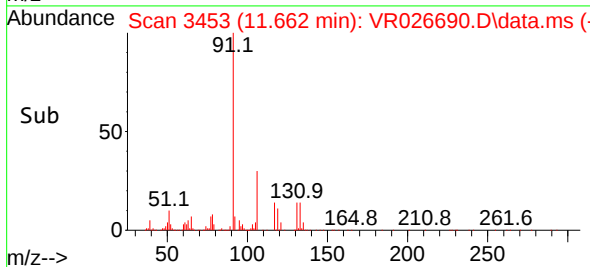
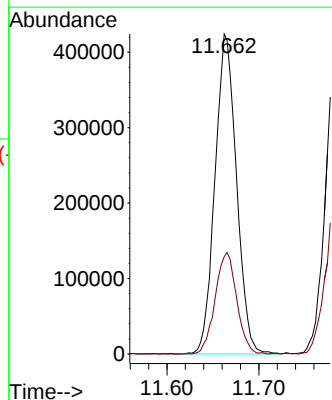
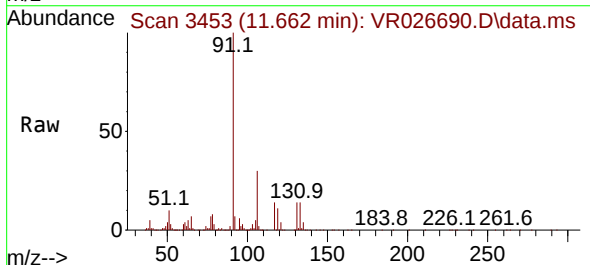
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC020

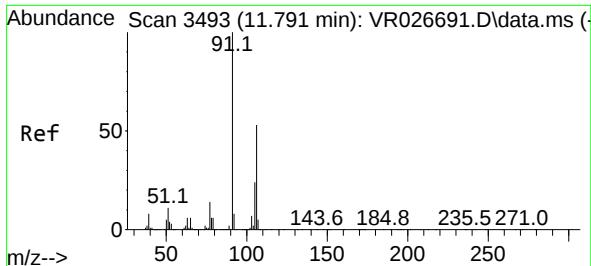
Tgt Ion:131 Resp: 108991
Ion Ratio Lower Upper
131 100
133 94.5 46.2 138.5
119 77.0 35.7 107.1



#66
Ethyl Benzene
Concen: 20.792 ug/l
RT: 11.662 min Scan# 3453
Delta R.T. -0.003 min
Lab File: VR026690.D
Acq: 4 Aug 2025 11:35

Tgt Ion: 91 Resp: 689946
Ion Ratio Lower Upper
91 100
106 30.4 25.4 38.0

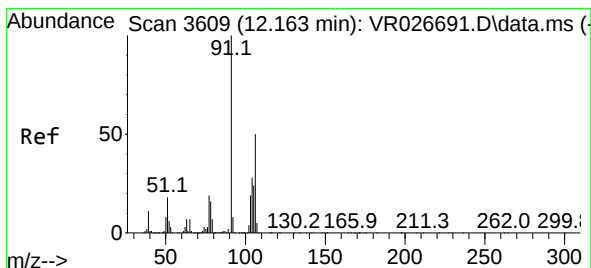
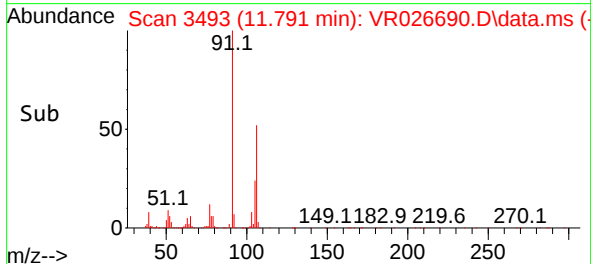
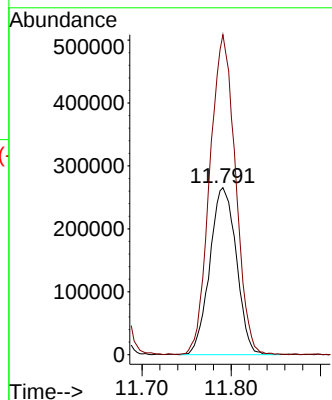
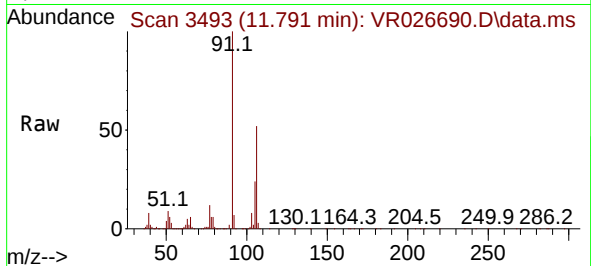




#67
m/p-Xylenes
Concen: 41.395 ug/l
RT: 11.791 min Scan# 3493
Delta R.T. 0.000 min
Lab File: VR026690.D
Acq: 4 Aug 2025 11:35

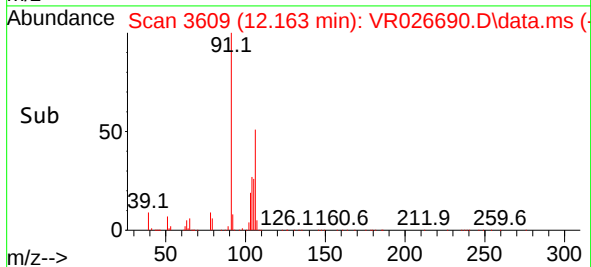
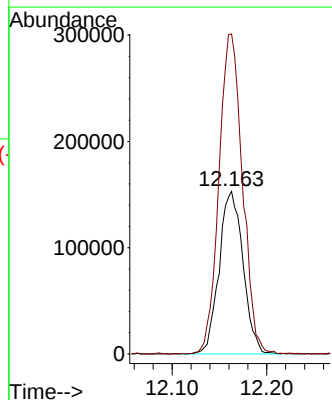
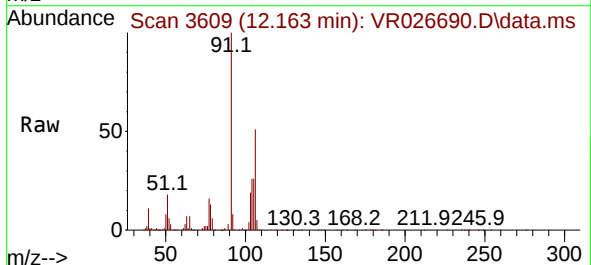
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC020

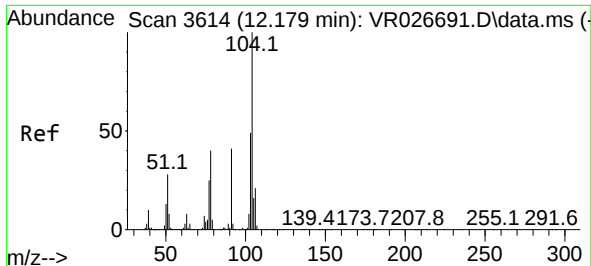
Tgt Ion:106 Resp: 548785
Ion Ratio Lower Upper
106 100
91 185.5 146.8 220.2



#68
o-Xylene
Concen: 20.876 ug/l
RT: 12.163 min Scan# 3609
Delta R.T. 0.000 min
Lab File: VR026690.D
Acq: 4 Aug 2025 11:35

Tgt Ion:106 Resp: 268657
Ion Ratio Lower Upper
106 100
91 194.0 97.9 293.6

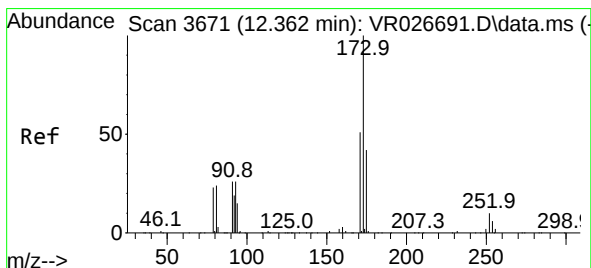
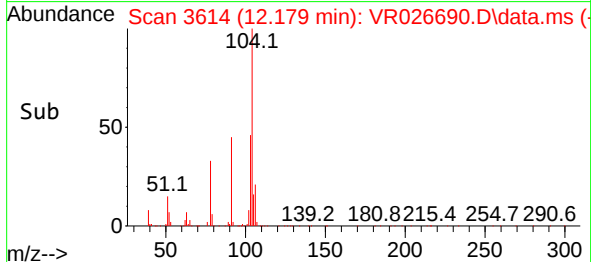
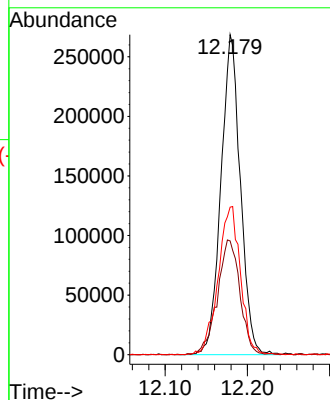
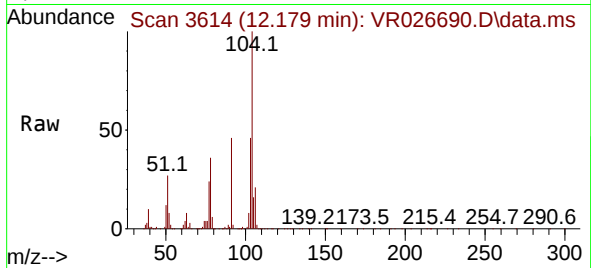




#69
Styrene
Concen: 20.564 ug/l
RT: 12.179 min Scan# 3614
Delta R.T. 0.000 min
Lab File: VR026690.D
Acq: 4 Aug 2025 11:35

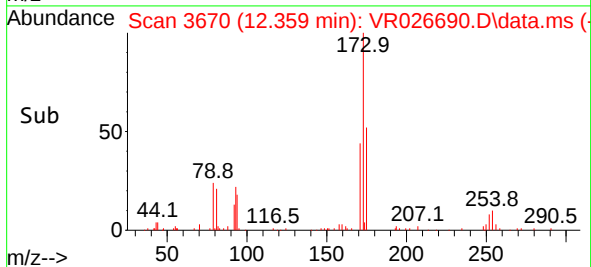
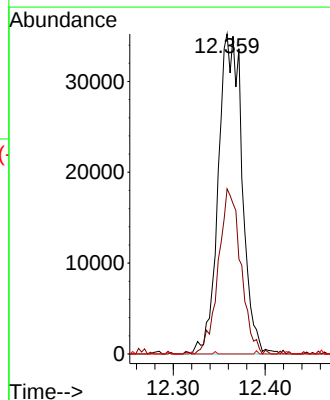
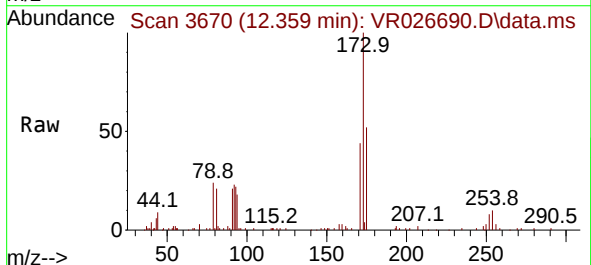
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC020

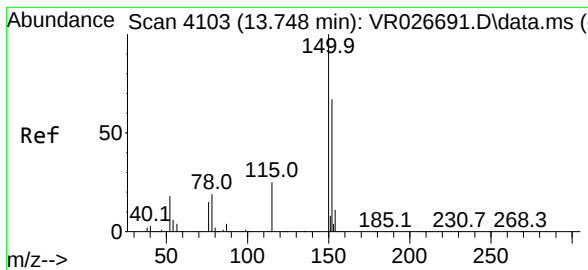
Tgt Ion:104 Resp: 442251
Ion Ratio Lower Upper
104 100
78 41.4 34.5 51.7
103 52.9 43.2 64.8



#70
Bromoform
Concen: 20.712 ug/l
RT: 12.359 min Scan# 3670
Delta R.T. -0.003 min
Lab File: VR026690.D
Acq: 4 Aug 2025 11:35

Tgt Ion:173 Resp: 63627
Ion Ratio Lower Upper
173 100
175 48.3 23.6 71.0
254 0.1 0.1 0.1

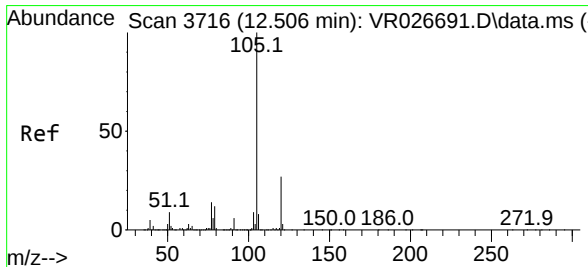
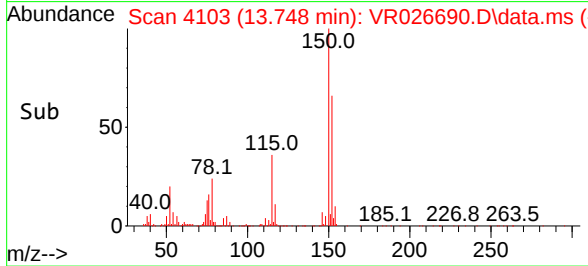
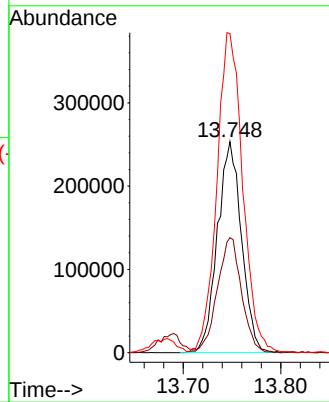
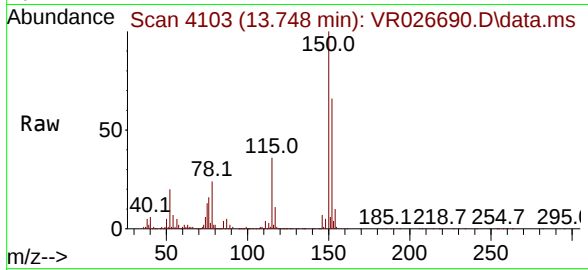




#71
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.748 min Scan# 4103
 Delta R.T. 0.000 min
 Lab File: VR026690.D
 Acq: 4 Aug 2025 11:35

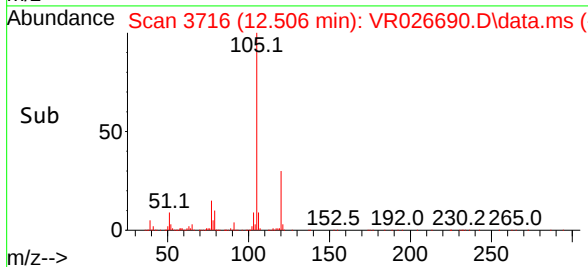
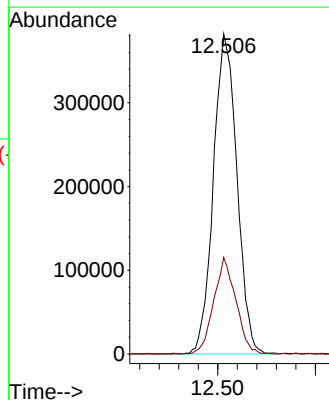
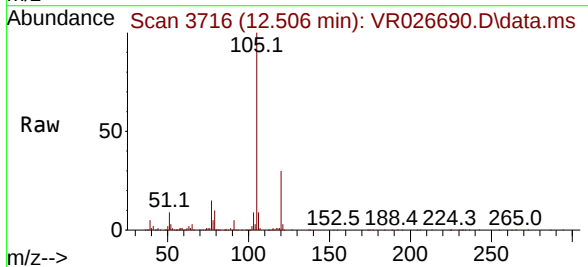
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDIC020

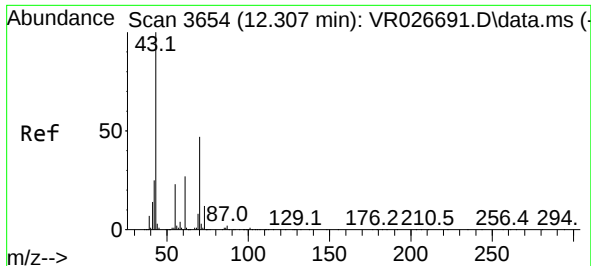
Tgt Ion:152 Resp: 434036
 Ion Ratio Lower Upper
 152 100
 115 54.8 27.8 83.4
 150 162.7 0.0 350.4



#72
 Isopropylbenzene
 Concen: 20.710 ug/l
 RT: 12.506 min Scan# 3716
 Delta R.T. 0.000 min
 Lab File: VR026690.D
 Acq: 4 Aug 2025 11:35

Tgt Ion:105 Resp: 640697
 Ion Ratio Lower Upper
 105 100
 120 28.3 14.2 42.8



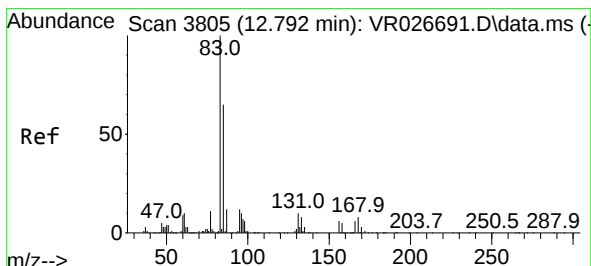
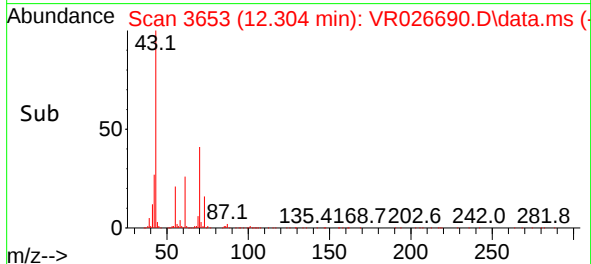
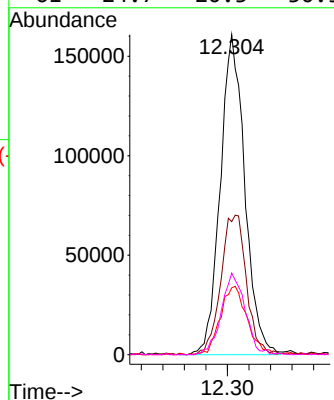
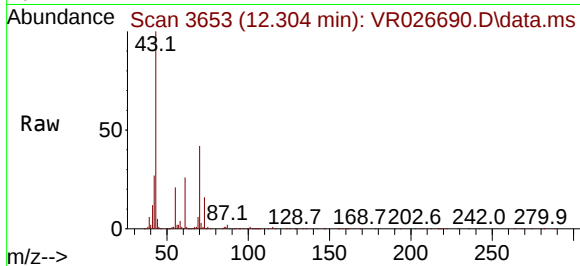


#73
N-ethyl acetate
Concen: 20.710 ug/l
RT: 12.304 min Scan# 3653
Delta R.T. -0.003 min
Lab File: VR026690.D
Acq: 4 Aug 2025 11:35

Instrument :
MSVOA_R
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 254032

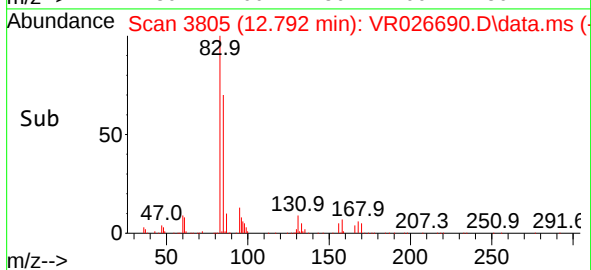
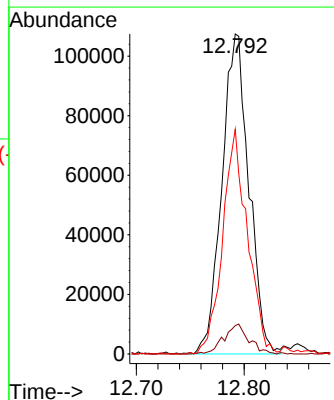
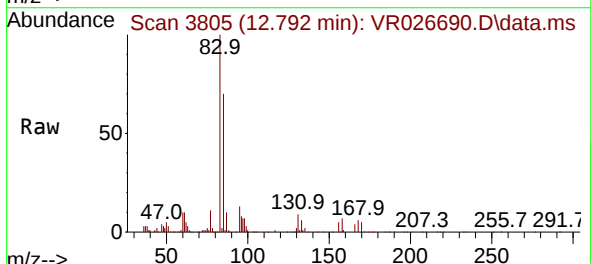
Ion	Ratio	Lower	Upper
43	100		
70	45.7	36.4	54.6
55	23.2	18.7	28.1
61	24.7	20.3	30.5

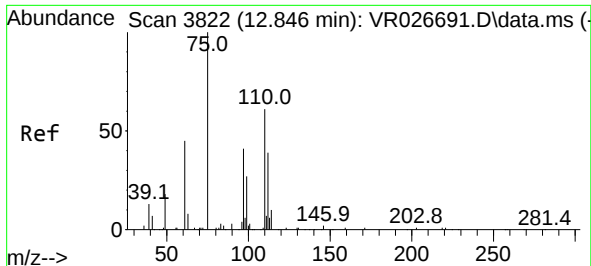


#74
1,1,2,2-Tetrachloroethane
Concen: 20.599 ug/l
RT: 12.792 min Scan# 3805
Delta R.T. 0.000 min
Lab File: VR026690.D
Acq: 4 Aug 2025 11:35

Tgt Ion: 83 Resp: 186969

Ion	Ratio	Lower	Upper
83	100		
131	8.6	4.2	12.4
85	64.6	32.3	96.8

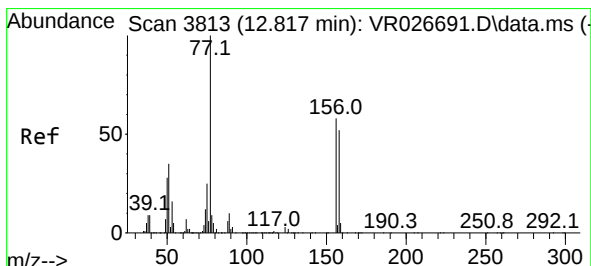
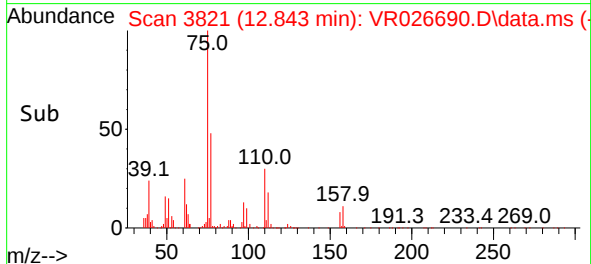
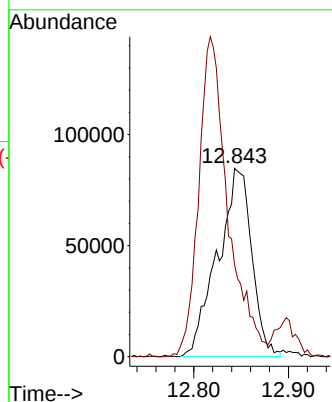
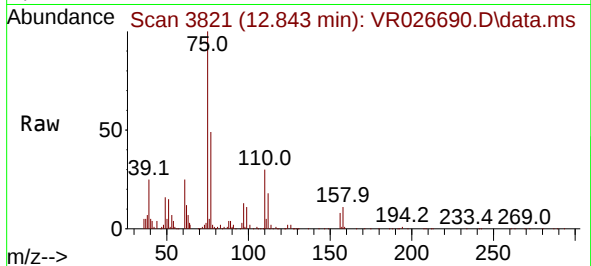




#75
1,2,3-Trichloropropane
Concen: 29.221 ug/l
RT: 12.843 min Scan# 3822
Delta R.T. -0.003 min
Lab File: VR026690.D
Acq: 4 Aug 2025 11:35

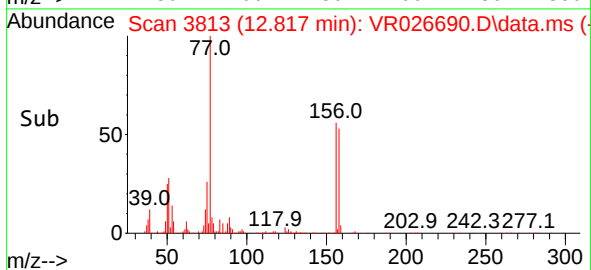
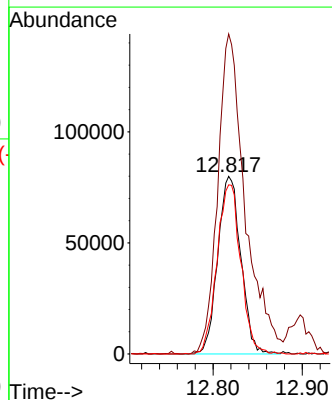
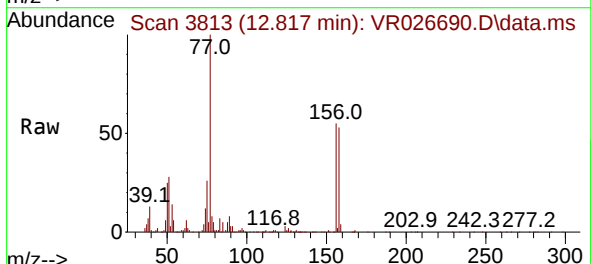
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC020

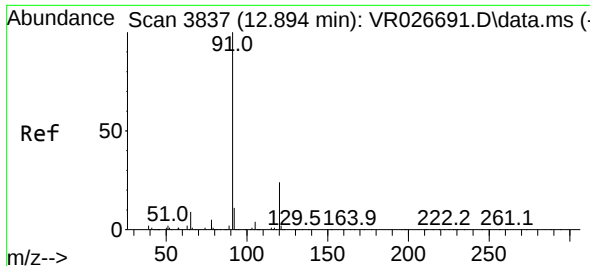
Tgt Ion: 75 Resp: 212502
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#76
Bromobenzene
Concen: 20.051 ug/l
RT: 12.817 min Scan# 3813
Delta R.T. 0.000 min
Lab File: VR026690.D
Acq: 4 Aug 2025 11:35

Tgt Ion:156 Resp: 143550
Ion Ratio Lower Upper
156 100
77 214.5 105.5 316.4
158 98.0 46.4 139.1

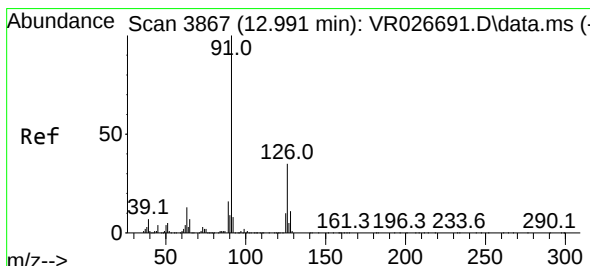
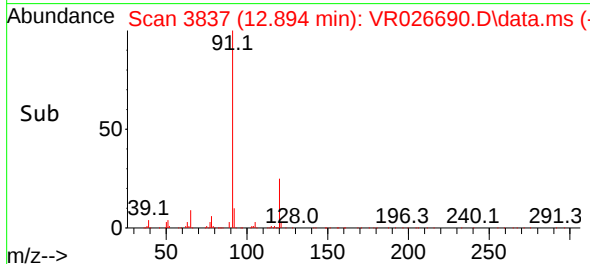
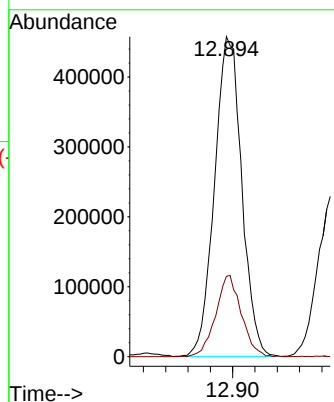
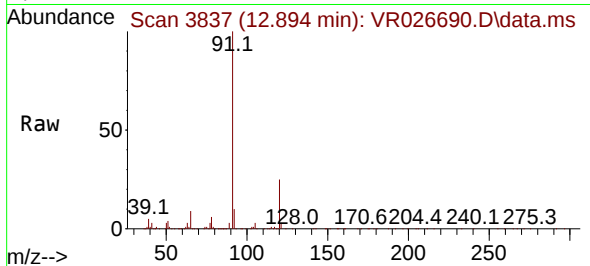




#77
n-propylbenzene
Concen: 20.953 ug/l
RT: 12.894 min Scan# 3837
Delta R.T. 0.000 min
Lab File: VR026690.D
Acq: 4 Aug 2025 11:35

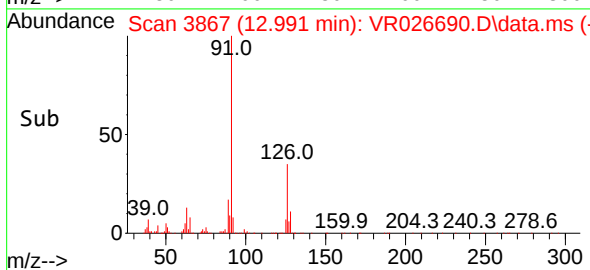
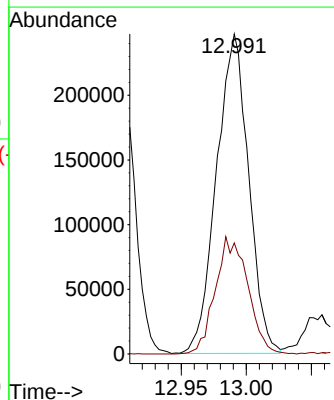
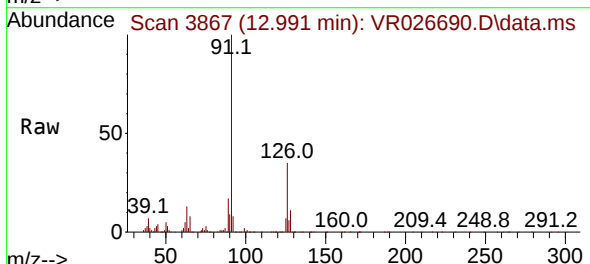
Instrument :
MSVOA_R
ClientSampleId :
VSTDICC020

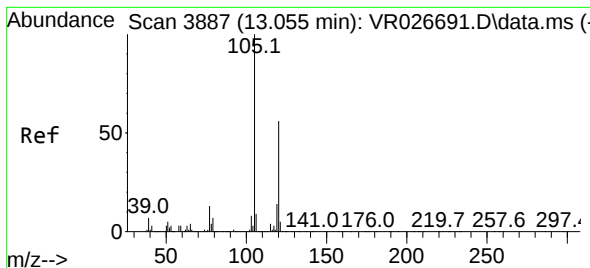
Tgt Ion: 91 Resp: 773343
Ion Ratio Lower Upper
91 100
120 24.0 11.9 35.9



#78
2-Chlorotoluene
Concen: 20.255 ug/l
RT: 12.991 min Scan# 3867
Delta R.T. 0.000 min
Lab File: VR026690.D
Acq: 4 Aug 2025 11:35

Tgt Ion: 91 Resp: 424142
Ion Ratio Lower Upper
91 100
126 37.0 17.5 52.6





#79

1,3,5-Trimethylbenzene

Concen: 20.591 ug/l

RT: 13.055 min Scan# 3887

Delta R.T. 0.000 min

Lab File: VR026690.D

Acq: 4 Aug 2025 11:35

Instrument :

MSVOA_R

ClientSampleId :

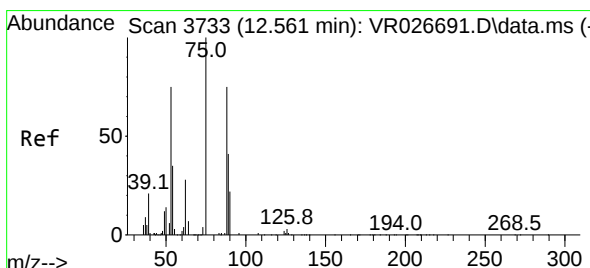
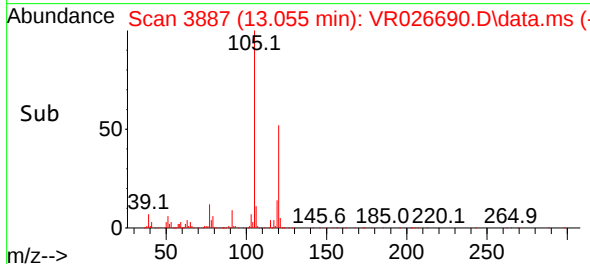
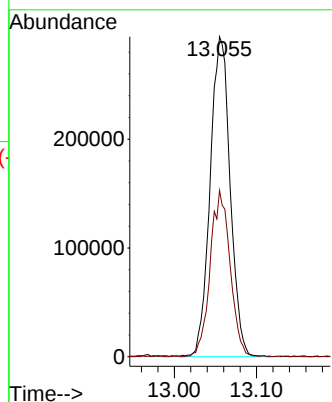
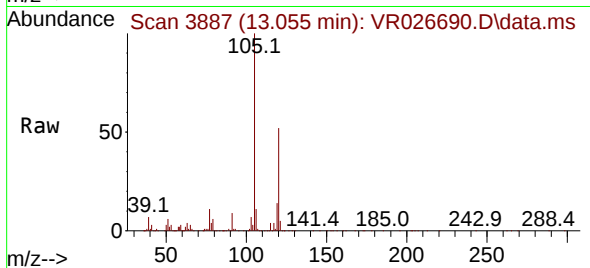
VSTDIC020

Tgt Ion:105 Resp: 498123

Ion Ratio Lower Upper

105 100

120 51.4 26.6 79.7



#80

trans-1,4-Dichloro-2-butene

Concen: 19.050 ug/l

RT: 12.557 min Scan# 3732

Delta R.T. -0.003 min

Lab File: VR026690.D

Acq: 4 Aug 2025 11:35

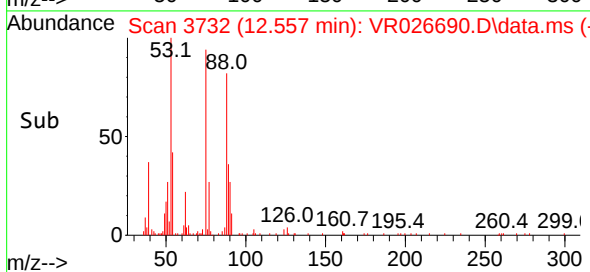
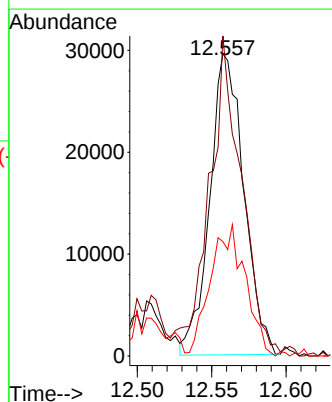
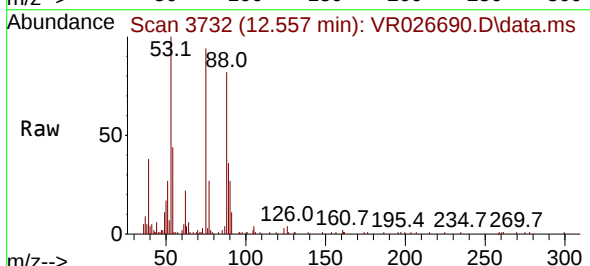
Tgt Ion: 75 Resp: 47058

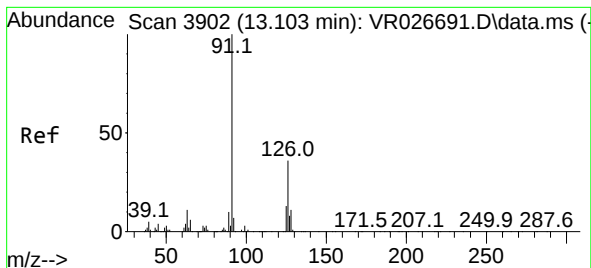
Ion Ratio Lower Upper

75 100

53 98.4 67.8 101.6

89 44.7 34.6 52.0





#81

4-Chlorotoluene

Concen: 19.964 ug/l

RT: 13.100 min Scan# 3902

Delta R.T. -0.003 min

Lab File: VR026690.D

Acq: 4 Aug 2025 11:35

Instrument :

MSVOA_R

ClientSampleId :

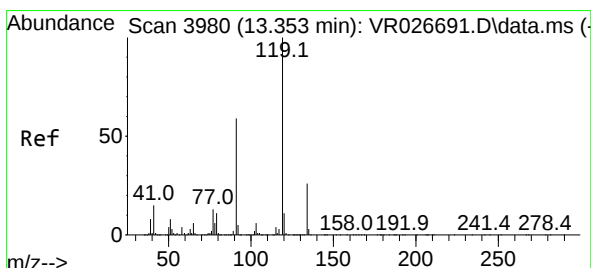
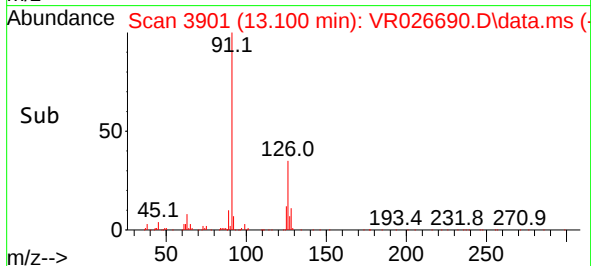
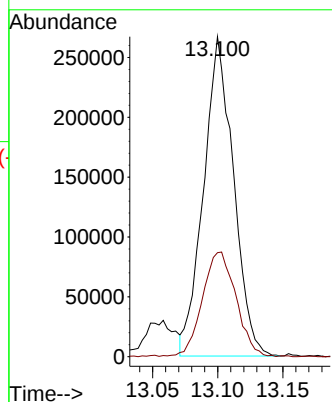
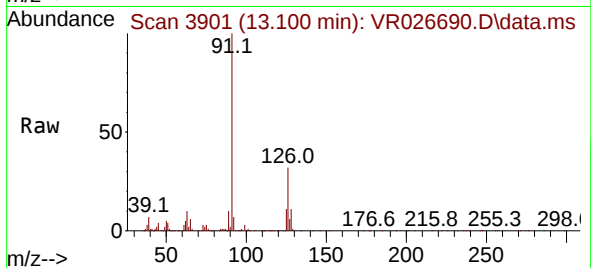
VSTDIC020

Tgt Ion: 91 Resp: 427063

Ion Ratio Lower Upper

91 100

126 36.6 17.8 53.3



#82

tert-Butylbenzene

Concen: 20.540 ug/l

RT: 13.353 min Scan# 3980

Delta R.T. 0.000 min

Lab File: VR026690.D

Acq: 4 Aug 2025 11:35

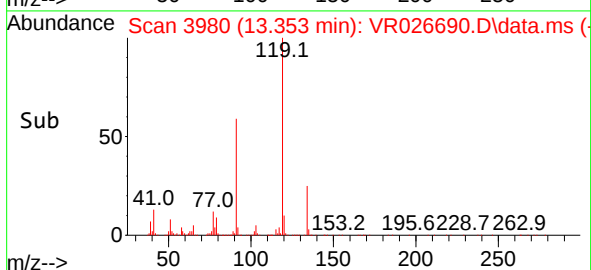
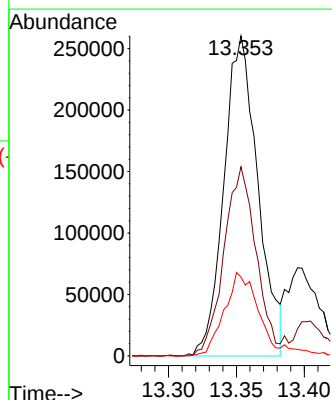
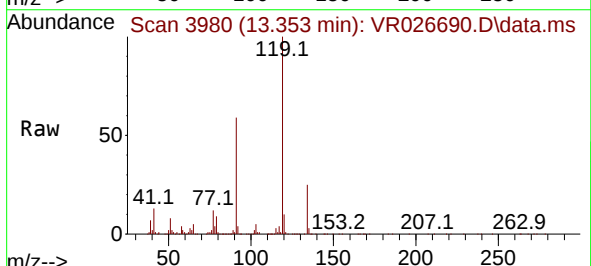
Tgt Ion: 119 Resp: 451969

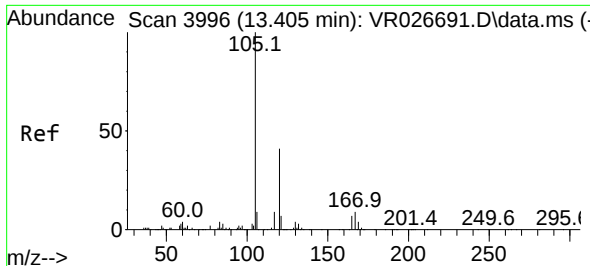
Ion Ratio Lower Upper

119 100

91 56.2 29.9 89.7

134 25.6 13.5 40.4

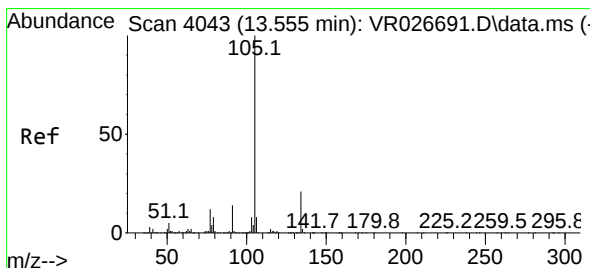
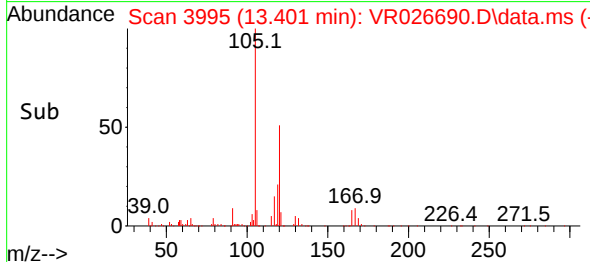
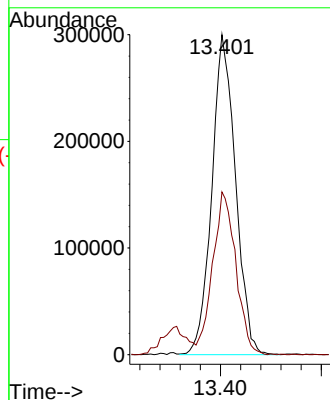
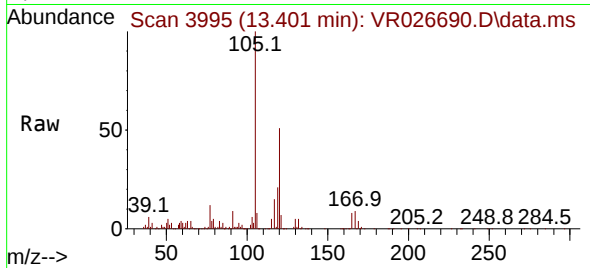




#83
1,2,4-Trimethylbenzene
Concen: 20.432 ug/l
RT: 13.401 min Scan# 3995
Delta R.T. -0.003 min
Lab File: VR026690.D
Acq: 4 Aug 2025 11:35

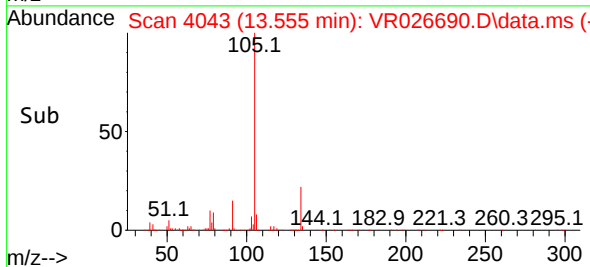
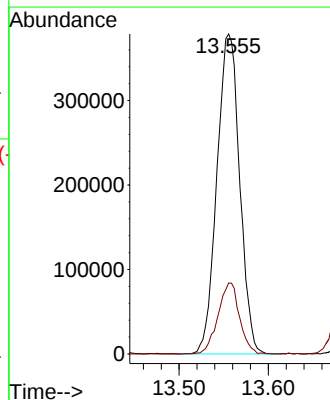
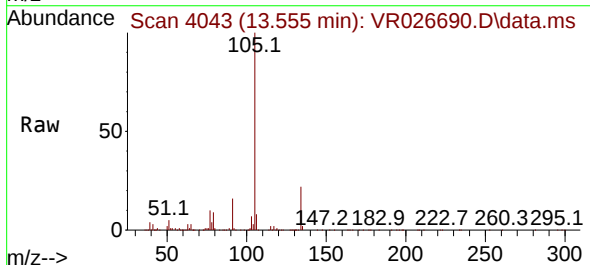
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC020

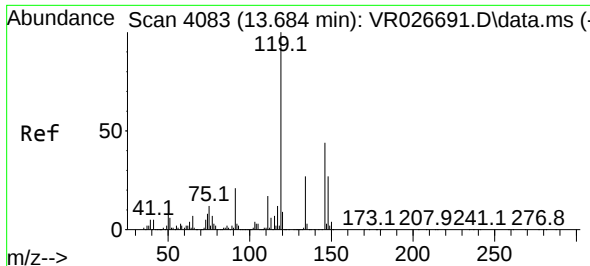
Tgt Ion:105 Resp: 489270
Ion Ratio Lower Upper
105 100
120 49.8 25.0 75.0



#84
sec-Butylbenzene
Concen: 20.581 ug/l
RT: 13.555 min Scan# 4043
Delta R.T. 0.000 min
Lab File: VR026690.D
Acq: 4 Aug 2025 11:35

Tgt Ion:105 Resp: 671588
Ion Ratio Lower Upper
105 100
134 21.0 10.4 31.1

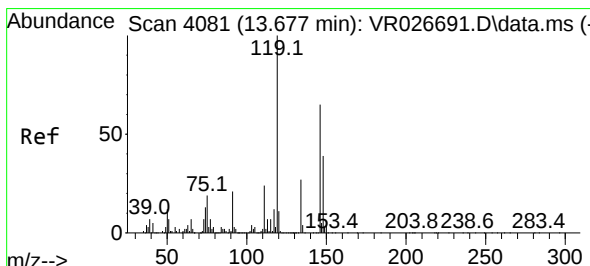
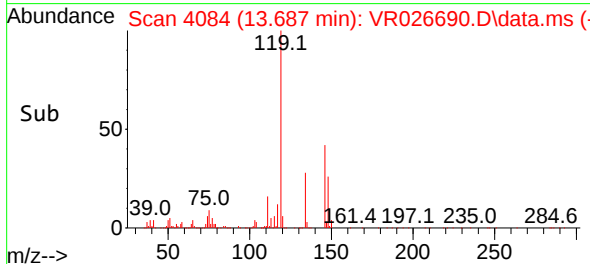
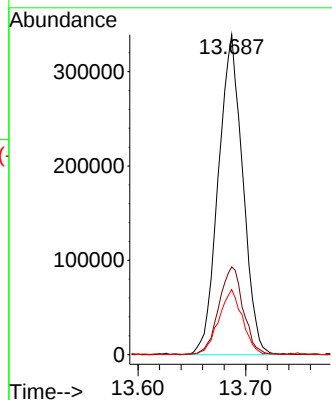
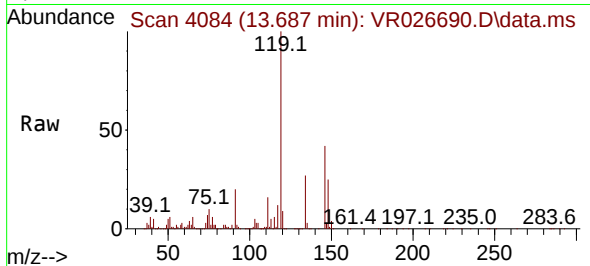




#85
p-Isopropyltoluene
Concen: 20.080 ug/l
RT: 13.687 min Scan# 4084
Delta R.T. 0.003 min
Lab File: VR026690.D
Acq: 4 Aug 2025 11:35

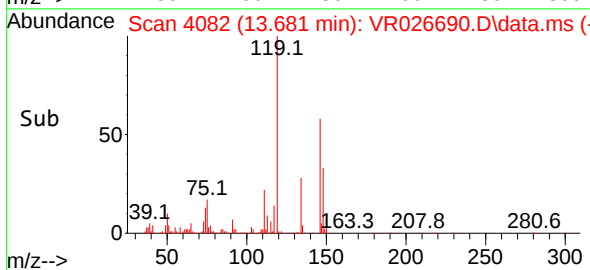
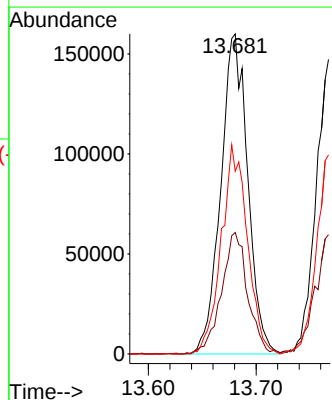
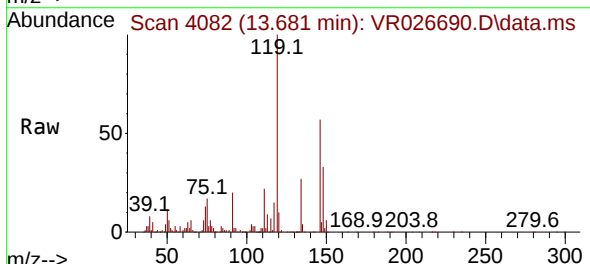
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC020

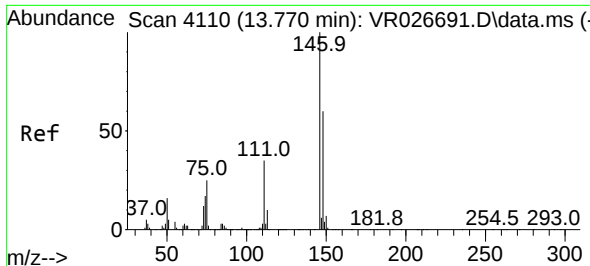
Tgt Ion:119 Resp: 534274
Ion Ratio Lower Upper
119 100
134 27.5 13.9 41.7
91 20.0 10.4 31.2



#86
1,3-Dichlorobenzene
Concen: 19.783 ug/l
RT: 13.681 min Scan# 4082
Delta R.T. 0.003 min
Lab File: VR026690.D
Acq: 4 Aug 2025 11:35

Tgt Ion:146 Resp: 277663
Ion Ratio Lower Upper
146 100
111 37.0 19.4 58.2
148 63.3 31.4 94.3

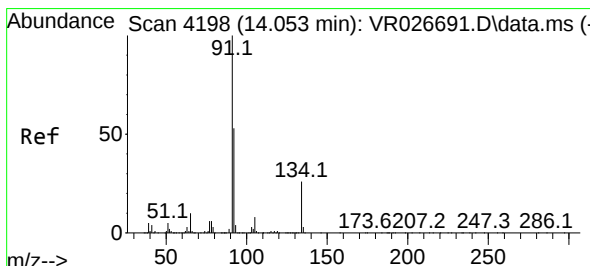
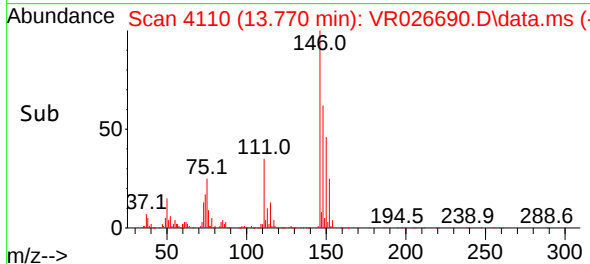
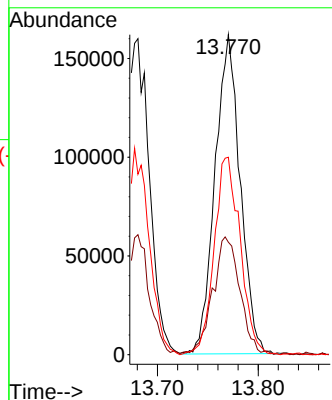
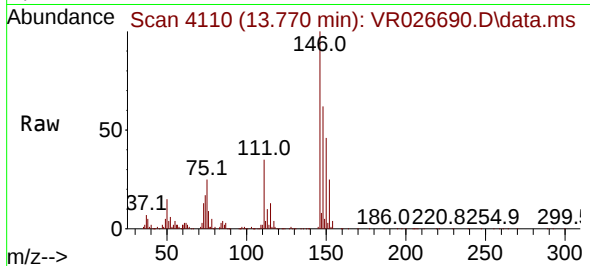




#87
1,4-Dichlorobenzene
Concen: 19.940 ug/l
RT: 13.770 min Scan# 4110
Delta R.T. 0.000 min
Lab File: VR026690.D
Acq: 4 Aug 2025 11:35

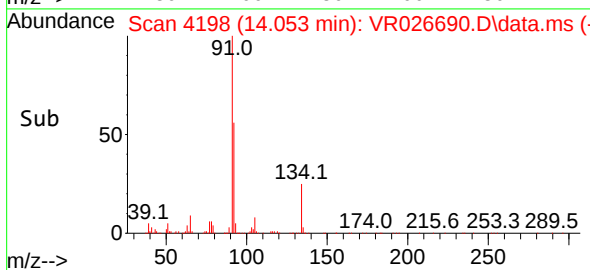
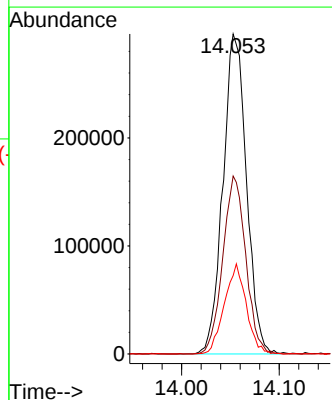
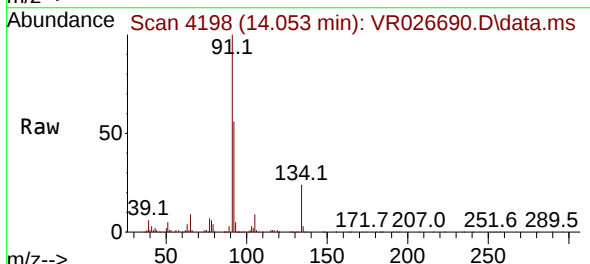
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC020

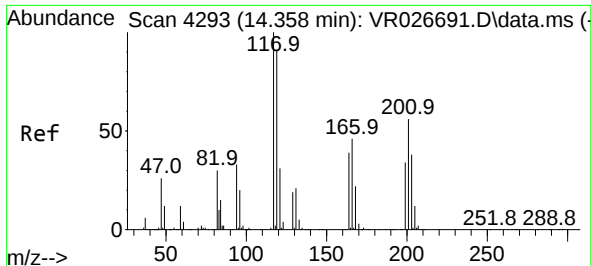
Tgt Ion:146 Resp: 280913
Ion Ratio Lower Upper
146 100
111 39.6 19.1 57.3
148 64.0 32.6 97.8



#88
n-Butylbenzene
Concen: 20.223 ug/l
RT: 14.053 min Scan# 4198
Delta R.T. 0.000 min
Lab File: VR026690.D
Acq: 4 Aug 2025 11:35

Tgt Ion: 91 Resp: 495932
Ion Ratio Lower Upper
91 100
92 54.3 27.1 81.2
134 26.2 13.1 39.3

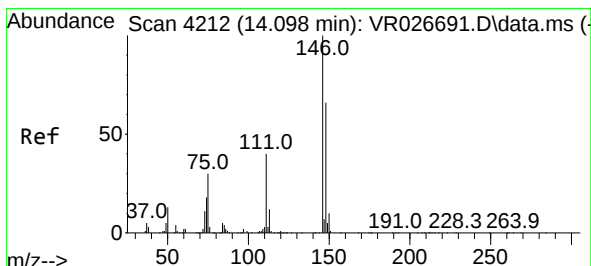
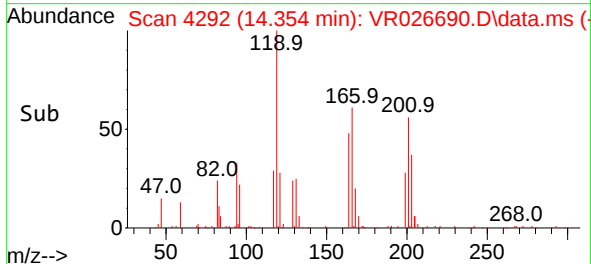
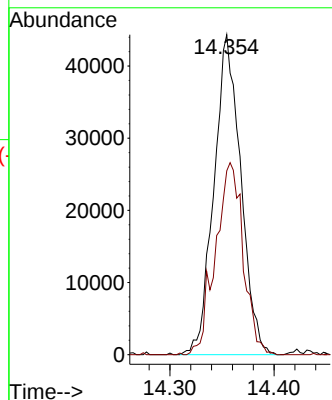
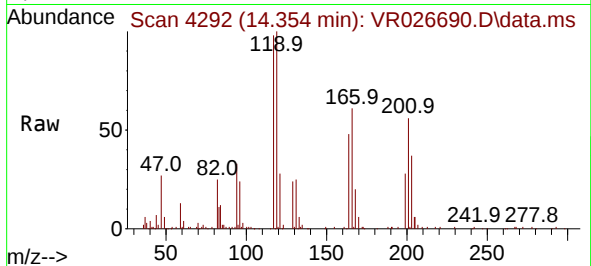




#89
Hexachloroethane
Concen: 20.730 ug/l
RT: 14.354 min Scan# 41
Delta R.T. -0.003 min
Lab File: VR026690.D
Acq: 4 Aug 2025 11:35

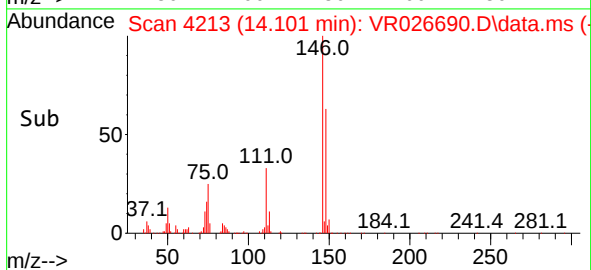
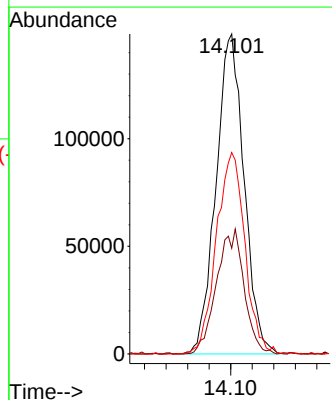
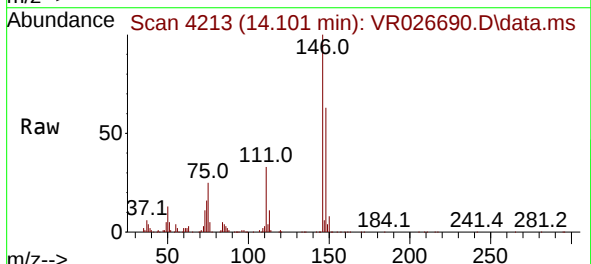
Instrument :
MSVOA_R
ClientSampleId :
VSTDICC020

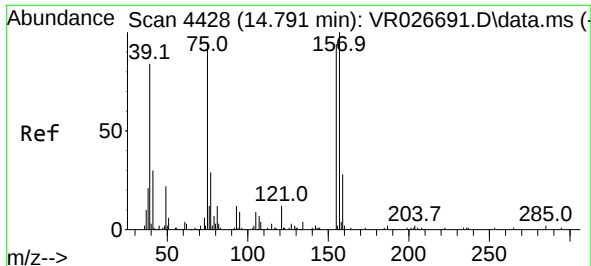
Tgt Ion:117 Resp: 79202
Ion Ratio Lower Upper
117 100
201 62.0 30.6 92.0



#90
1,2-Dichlorobenzene
Concen: 20.417 ug/l
RT: 14.101 min Scan# 4213
Delta R.T. 0.003 min
Lab File: VR026690.D
Acq: 4 Aug 2025 11:35

Tgt Ion:146 Resp: 269150
Ion Ratio Lower Upper
146 100
111 38.3 20.0 60.0
148 64.1 32.4 97.0





#91

1,2-Dibromo-3-Chloropropane

Concen: 21.861 ug/l

RT: 14.791 min Scan# 4428

Delta R.T. 0.000 min

Lab File: VR026690.D

Acq: 4 Aug 2025 11:35

Instrument :

MSVOA_R

ClientSampleId :

VSTDIC020

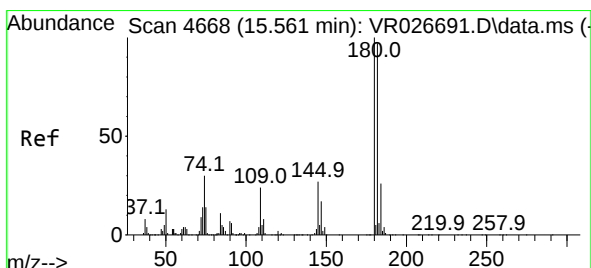
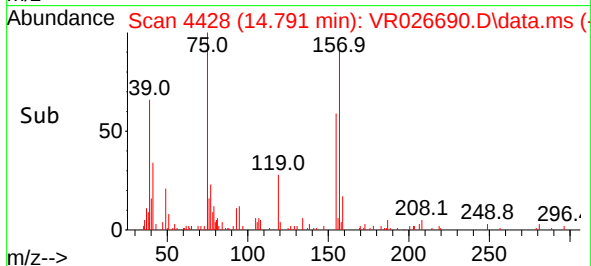
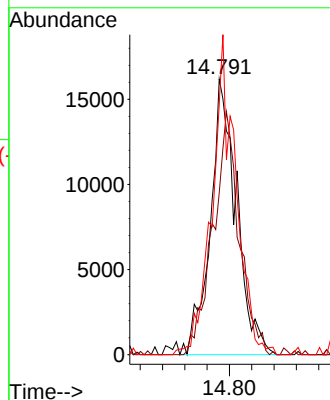
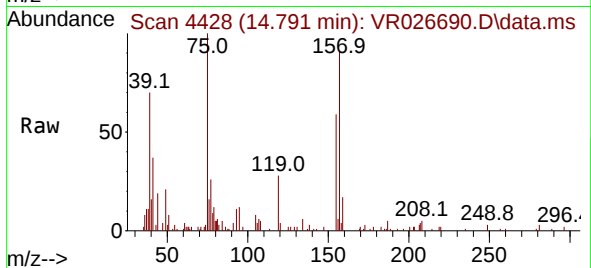
Tgt Ion: 75 Resp: 26423

Ion Ratio Lower Upper

75 100

155 88.2 48.0 144.2

157 105.1 59.5 178.4



#92

1,2,4-Trichlorobenzene

Concen: 20.689 ug/l

RT: 15.564 min Scan# 4669

Delta R.T. 0.003 min

Lab File: VR026690.D

Acq: 4 Aug 2025 11:35

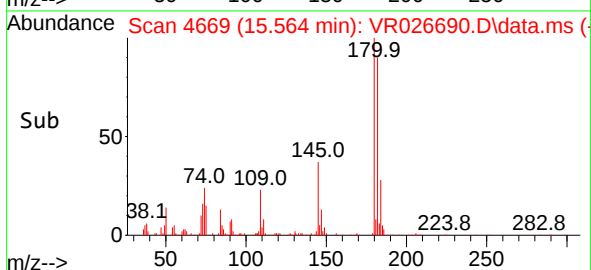
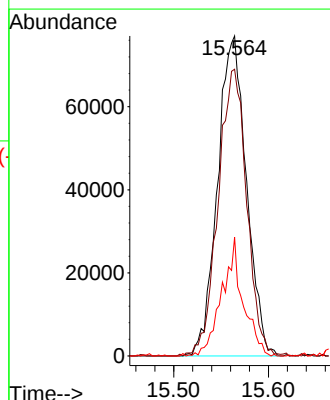
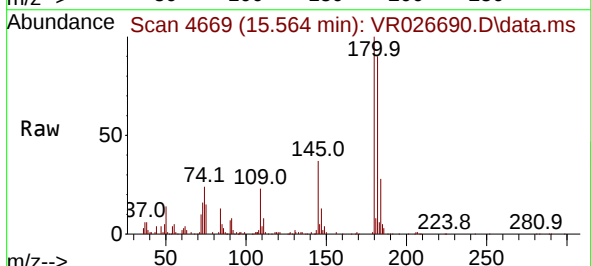
Tgt Ion:180 Resp: 163080

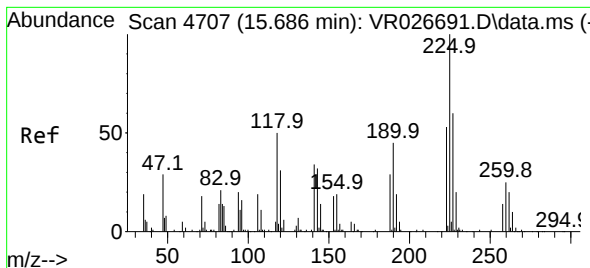
Ion Ratio Lower Upper

180 100

182 88.6 47.0 141.0

145 27.2 15.2 45.5





#93

Hexachlorobutadiene

Concen: 19.443 ug/l

RT: 15.686 min Scan# 41

Delta R.T. 0.000 min

Lab File: VR026690.D

Acq: 4 Aug 2025 11:35

Instrument :

MSVOA_R

ClientSampleId :

VSTDIC020

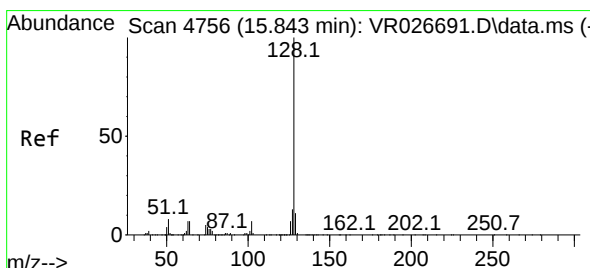
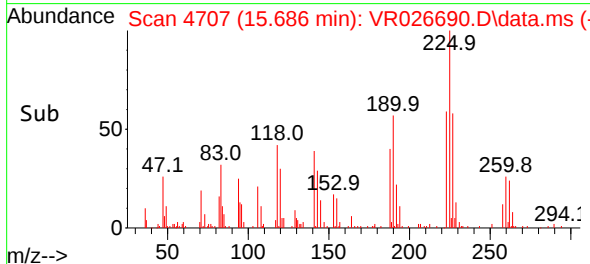
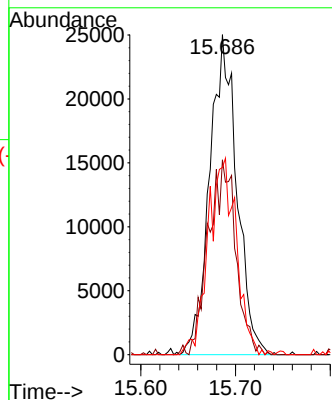
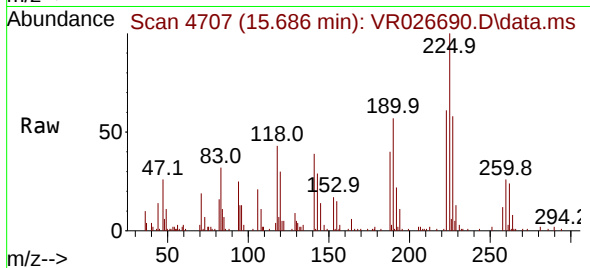
Tgt Ion:225 Resp: 49796

Ion Ratio Lower Upper

225 100

223 61.4 31.4 94.2

227 63.2 31.6 95.0



#94

Naphthalene

Concen: 21.406 ug/l

RT: 15.840 min Scan# 4755

Delta R.T. -0.003 min

Lab File: VR026690.D

Acq: 4 Aug 2025 11:35

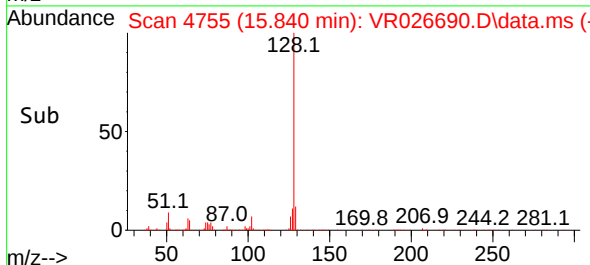
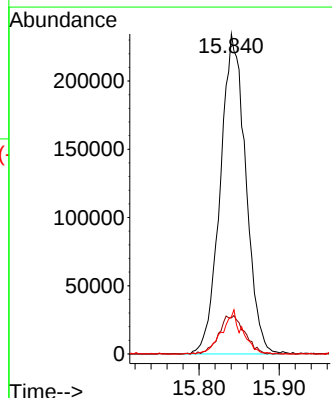
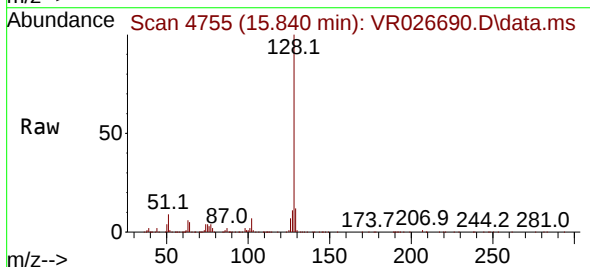
Tgt Ion:128 Resp: 517072

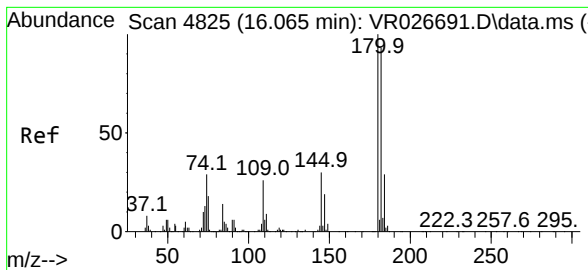
Ion Ratio Lower Upper

128 100

127 12.1 9.8 14.8

129 11.0 8.6 13.0





#95
 1,2,3-Trichlorobenzene
 Concen: 20.210 ug/l
 RT: 16.068 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VR026690.D
 Acq: 4 Aug 2025 11:35

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDICC020

Tgt Ion:	180	Resp:	151242
Ion	Ratio	Lower	Upper
180	100		
182	101.9	47.2	141.6
145	33.6	15.5	46.5

