

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR080425\
 Data File : VR026692.D
 Acq On : 4 Aug 2025 12:28
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5mL/MSVOA_R/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDICC100

Quant Time: Aug 05 01:56:51 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	7.298	168	809961	50.000	ug/l	0.00
33) 1,4-Difluorobenzene	8.331	114	1413446	50.000	ug/l	0.00
62) Chlorobenzene-d5	11.540	117	1050758	50.000	ug/l	0.00
71) 1,4-Dichlorobenzene-d4	13.745	152	504720	50.000	ug/l	0.00
System Monitoring Compounds						
32) 1,2-Dichloroethane-d4	7.689	65	1012712	98.787	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	197.580%#
34) Dibromofluoromethane	7.205	113	894796	102.353	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	204.700%#
49) Toluene-d8	10.038	98	3183408	101.640	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	203.280%#
61) 4-Bromofluorobenzene	12.679	95	932225	104.646	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	209.300%#
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.663	85	574848	97.380	ug/l	100
3) Chloromethane	1.846	50	828847	94.457	ug/l	94
4) Vinyl Chloride	1.962	62	808944	90.214	ug/l	99
5) Bromomethane	2.292	94	356107	81.500	ug/l	95
6) Chloroethane	2.424	64	480092	83.154	ug/l	98
7) Trichlorofluoromethane	2.712	101	1431451	88.569	ug/l	98
8) Diethyl Ether	3.078	74	699489	97.544	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.386	101	868413	99.567	ug/l	99
10) Methyl Iodide	3.553	142	860439	102.255	ug/l	98
11) Tert butyl alcohol	4.327	59	802471	500.320	ug/l	99
12) 1,1-Dichloroethene	3.357	96	864137	100.295	ug/l	95
13) Acrolein	3.242	56	1179528	503.084	ug/l	98
14) Allyl chloride	3.887	41	1544032	91.090	ug/l	99
15) Acrylonitrile	4.484	53	3118807	489.853	ug/l	97
16) Acetone	3.441	43	2408198	500.519	ug/l	99
17) Carbon Disulfide	3.646	76	1329722	104.260	ug/l	97
18) Methyl Acetate	3.897	43	1928895	96.054	ug/l	97
19) Methyl tert-butyl Ether	4.558	73	3404079	98.725	ug/l	99
20) Methylene Chloride	4.086	84	1086352	95.143	ug/l	97
21) trans-1,2-Dichloroethene	4.535	96	913747	96.472	ug/l	98
22) Diisopropyl ether	5.469	45	3837843	96.620	ug/l	98
23) Vinyl Acetate	5.395	43	9281822	409.830	ug/l #	89
24) 1,1-Dichloroethane	5.337	63	1927190	95.807	ug/l	97
25) 2-Butanone	6.374	43	3692110	495.781	ug/l	96
26) 2,2-Dichloropropane	6.351	77	1444721	103.894	ug/l	100
27) cis-1,2-Dichloroethene	6.361	96	1242859	101.995	ug/l	98
28) Bromochloromethane	6.756	49	653864	90.207	ug/l	96
29) Chloroform	6.958	83	1724234	98.955	ug/l	96
30) Cyclohexane	7.282	56	1472478	90.644	ug/l	92
31) 1,1,1-Trichloroethane	7.186	97	1292978	102.701	ug/l	99
35) 1,1-Dichloropropene	7.433	75	1152925	104.538	ug/l	98
36) Ethyl Acetate	6.483	43	1316413	99.702	ug/l	98
37) Carbon Tetrachloride	7.414	117	978357	108.923	ug/l	88
38) Methylcyclohexane	8.893	83	1315252	104.184	ug/l	95
39) Benzene	7.712	78	4024378	101.328	ug/l	96
40) Methacrylonitrile	6.730	41	846974	103.222	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) 1,2-Dichloroethane	7.802	62	1005146	99.502	ug/l	99
42) Isopropyl Acetate	7.876	43	2187929	103.057	ug/l	99
43) Trichloroethene	8.610	130	769240	100.712	ug/l	98
44) 1,2-Dichloropropane	8.925	63	951502	101.237	ug/l	98
45) Dibromomethane	9.024	93	540289	103.365	ug/l	98
46) Bromodichloromethane	9.249	83	1102669	108.877	ug/l	99
47) Methyl methacrylate	9.034	41	1000420	107.666	ug/l	98
48) 1,4-Dioxane	9.028	88	347068	2318.811	ug/l	94
50) 4-Methyl-2-Pentanone	9.923	43	5300376	478.211	ug/l	90
51) Toluene	10.112	92	2134315	105.270	ug/l	93
52) t-1,3-Dichloropropene	10.369	75	1140834	114.928	ug/l	96
53) cis-1,3-Dichloropropene	9.750	75	1308267	109.878	ug/l	96
54) 1,1,2-Trichloroethane	10.574	97	775417	104.724	ug/l	96
55) Ethyl methacrylate	10.436	69	1376469	112.569	ug/l	99
56) 1,3-Dichloropropane	10.738	76	1327972	105.294	ug/l	99
57) 2-Chloroethyl Vinyl ether	9.592	63	538132	796.365	ug/l	98
58) 2-Hexanone	10.799	43	3962170	530.267	ug/l	94
59) Dibromochloromethane	10.959	129	704057	112.355	ug/l	99
60) 1,2-Dibromoethane	11.078	107	680467	106.779	ug/l	98
63) Tetrachloroethene	10.658	164	572480	99.733	ug/l	95
64) Chlorobenzene	11.569	112	2167542	99.119	ug/l	96
65) 1,1,1,2-Tetrachloroethane	11.659	131	657811	110.133	ug/l	98
66) Ethyl Benzene	11.665	91	3681035	100.812	ug/l #	88
67) m/p-Xylenes	11.790	106	3004787	205.977	ug/l	93
68) o-Xylene	12.163	106	1510725	106.683	ug/l	99
69) Styrene	12.179	104	2544062	107.508	ug/l	99
70) Bromoform	12.358	173	389740	115.295	ug/l	100
72) Isopropylbenzene	12.509	105	3425131	95.212	ug/l	97
73) N-amyl acetate	12.304	43	1514717	106.195	ug/l	100
74) 1,1,2,2-Tetrachloroethane	12.792	83	1055818	100.032	ug/l	99
75) 1,2,3-Trichloropropane	12.846	75	1283115	151.730	ug/l #	100
76) Bromobenzene	12.817	156	814497	97.836	ug/l	95
77) n-propylbenzene	12.898	91	4047792	94.312	ug/l	96
78) 2-Chlorotoluene	12.987	91	2376999	97.615	ug/l	99
79) 1,3,5-Trimethylbenzene	13.055	105	2788972	99.142	ug/l	97
80) trans-1,4-Dichloro-2-b...	12.561	75	347391	120.937	ug/l	97
81) 4-Chlorotoluene	13.103	91	2430985	97.726	ug/l	98
82) tert-Butylbenzene	13.353	119	2542752	99.376	ug/l	97
83) 1,2,4-Trimethylbenzene	13.405	105	2850967	102.383	ug/l	99
84) sec-Butylbenzene	13.555	105	3724301	98.147	ug/l	98
85) p-Isopropyltoluene	13.684	119	3235498	104.574	ug/l	97
86) 1,3-Dichlorobenzene	13.681	146	1672036	102.444	ug/l	98
87) 1,4-Dichlorobenzene	13.767	146	1612430	98.427	ug/l	99
88) n-Butylbenzene	14.053	91	2951924	103.516	ug/l	97
89) Hexachloroethane	14.358	117	482216	108.536	ug/l	94
90) 1,2-Dichlorobenzene	14.098	146	1531948	99.936	ug/l	98
91) 1,2-Dibromo-3-Chloropr...	14.797	75	144514	102.821	ug/l	98
92) 1,2,4-Trichlorobenzene	15.561	180	957030	104.408	ug/l	98
93) Hexachlorobutadiene	15.689	225	290226	97.449	ug/l	98
94) Naphthalene	15.843	128	2980191	106.096	ug/l	99
95) 1,2,3-Trichlorobenzene	16.071	180	903459	103.820	ug/l	99

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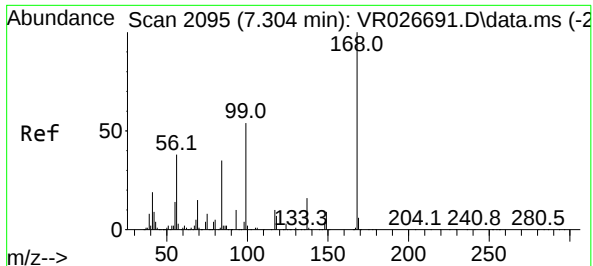
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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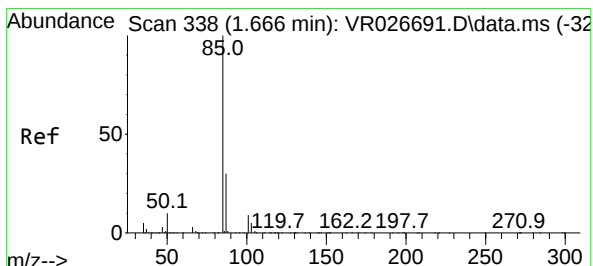
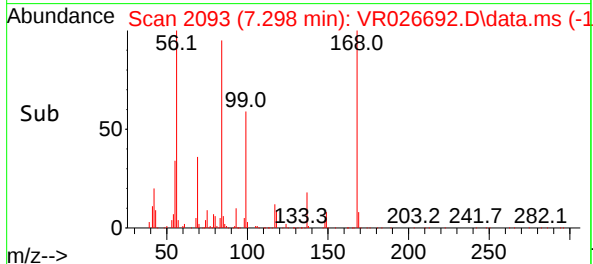
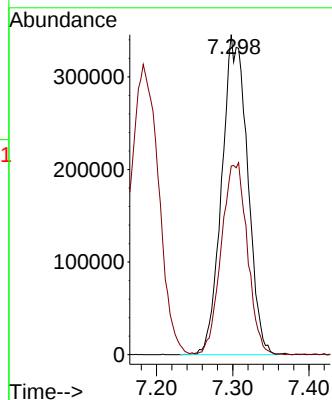
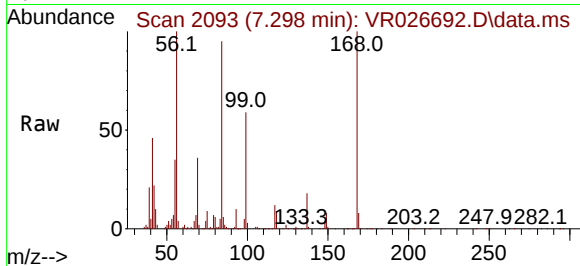




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.298 min Scan# 2095
Delta R.T. -0.006 min
Lab File: VR026692.D
Acq: 4 Aug 2025 12:28

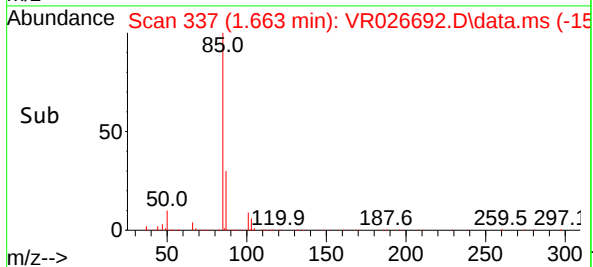
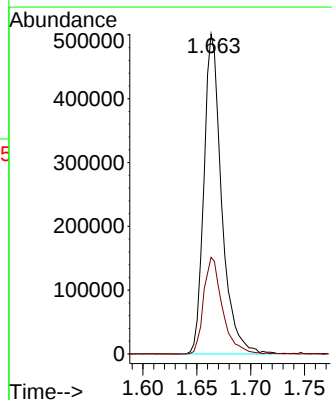
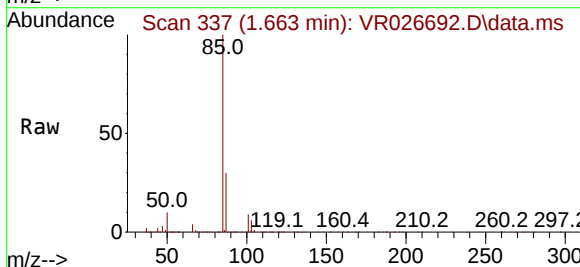
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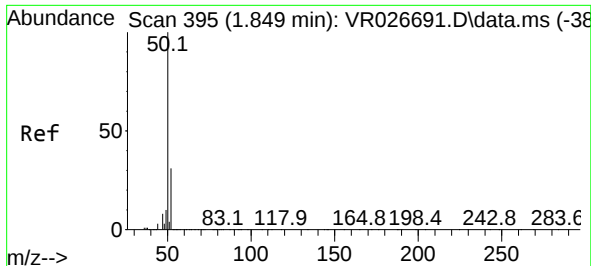
Tgt Ion:168 Resp: 809961
Ion Ratio Lower Upper
168 100
99 58.8 43.8 65.8



#2
Dichlorodifluoromethane
Concen: 97.380 ug/l
RT: 1.663 min Scan# 337
Delta R.T. -0.003 min
Lab File: VR026692.D
Acq: 4 Aug 2025 12:28

Tgt Ion: 85 Resp: 574848
Ion Ratio Lower Upper
85 100
87 30.2 15.2 45.5

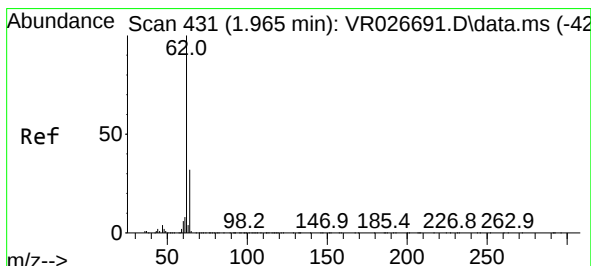
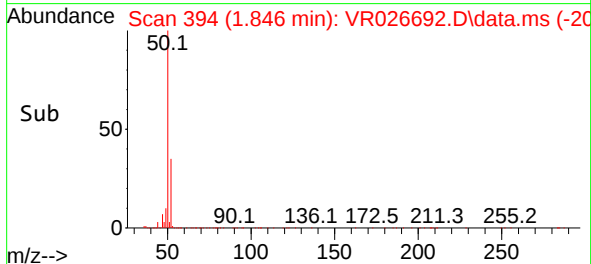
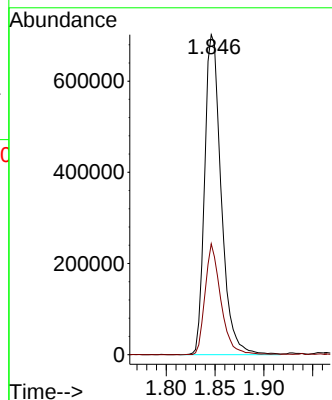
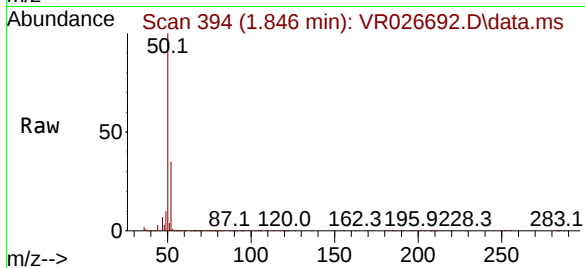




#3
Chloromethane
Concen: 94.457 ug/l
RT: 1.846 min Scan# 394
Delta R.T. -0.003 min
Lab File: VR026692.D
Acq: 4 Aug 2025 12:28

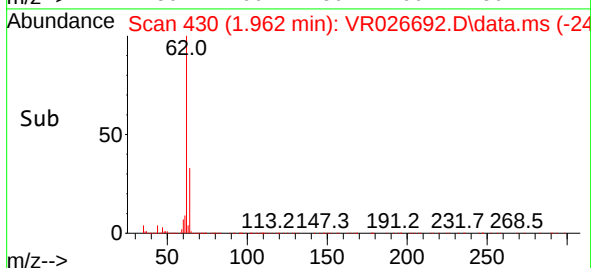
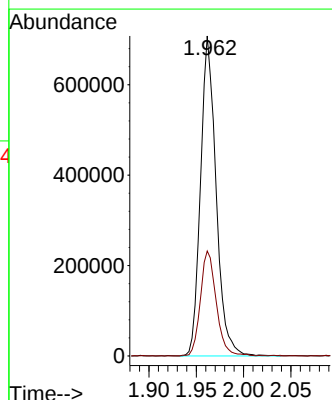
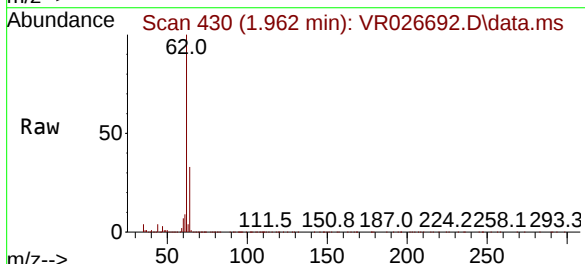
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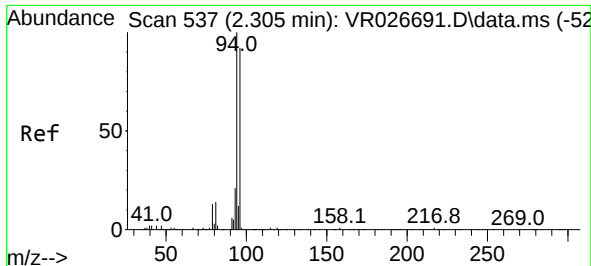
Tgt Ion: 50 Resp: 828847
Ion Ratio Lower Upper
50 100
52 34.6 25.0 37.4



#4
Vinyl Chloride
Concen: 90.214 ug/l
RT: 1.962 min Scan# 430
Delta R.T. -0.003 min
Lab File: VR026692.D
Acq: 4 Aug 2025 12:28

Tgt Ion: 62 Resp: 808944
Ion Ratio Lower Upper
62 100
64 32.8 25.9 38.9

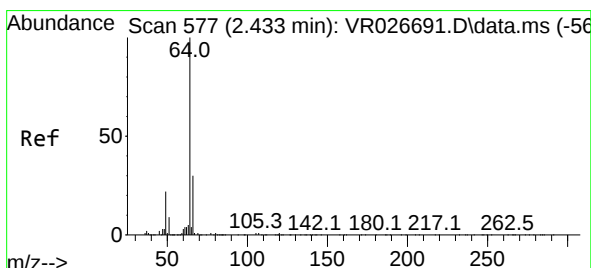
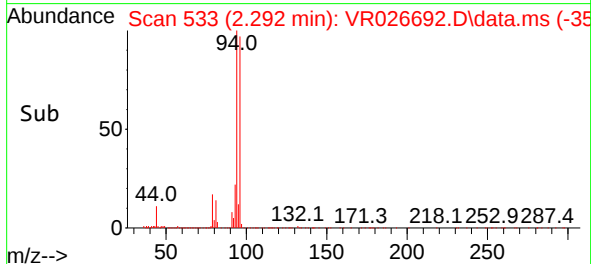
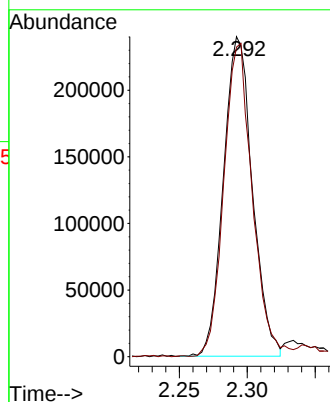
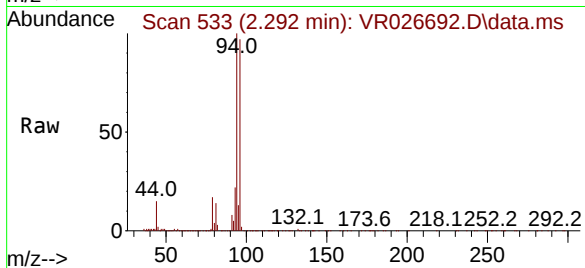




#5
Bromomethane
Concen: 81.500 ug/l
RT: 2.292 min Scan# 51
Delta R.T. -0.013 min
Lab File: VR026692.D
Acq: 4 Aug 2025 12:28

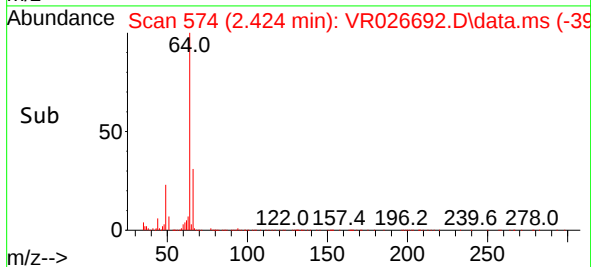
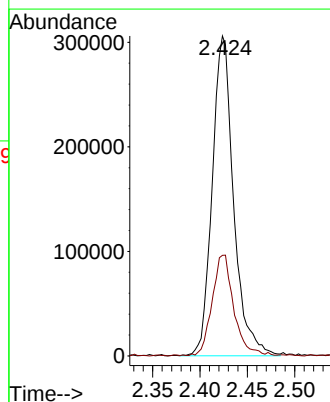
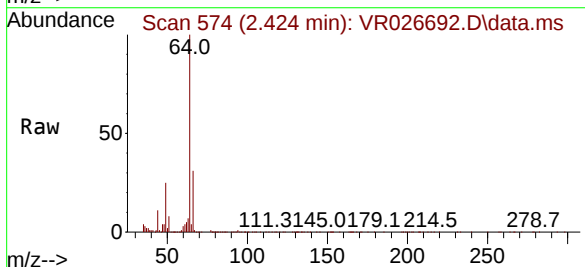
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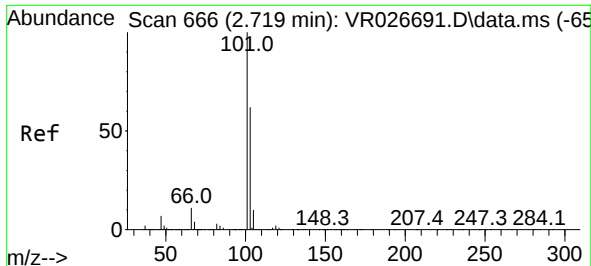
Tgt Ion: 94 Resp: 356107
Ion Ratio Lower Upper
94 100
96 96.6 73.3 109.9



#6
Chloroethane
Concen: 83.154 ug/l
RT: 2.424 min Scan# 574
Delta R.T. -0.010 min
Lab File: VR026692.D
Acq: 4 Aug 2025 12:28

Tgt Ion: 64 Resp: 480092
Ion Ratio Lower Upper
64 100
66 31.3 24.3 36.5

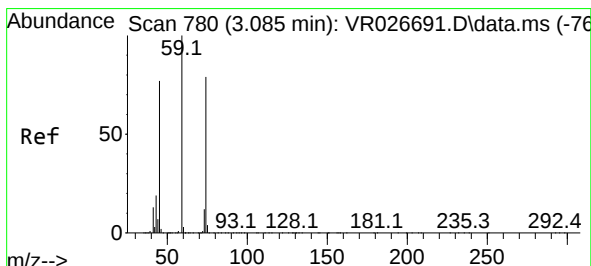
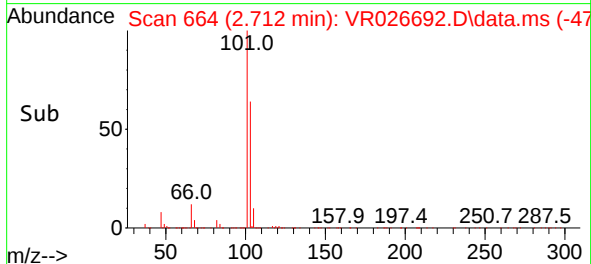
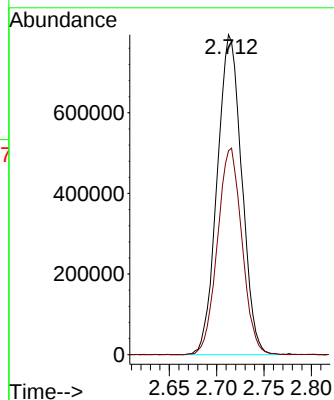
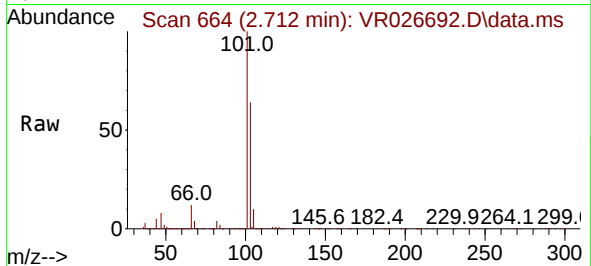




#7
 Trichlorofluoromethane
 Concen: 88.569 ug/l
 RT: 2.712 min Scan# 60
 Delta R.T. -0.006 min
 Lab File: VR026692.D
 Acq: 4 Aug 2025 12:28

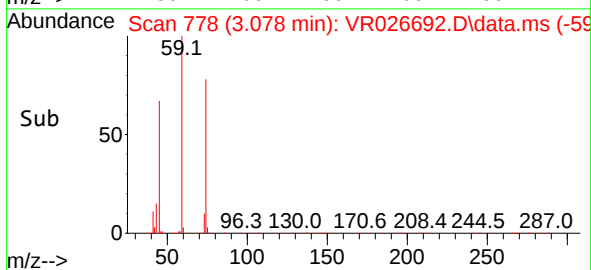
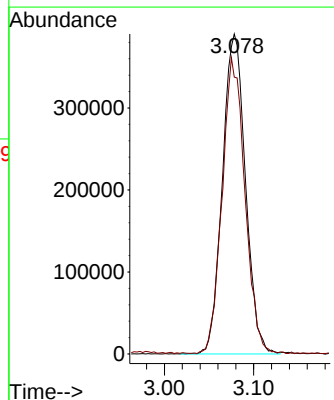
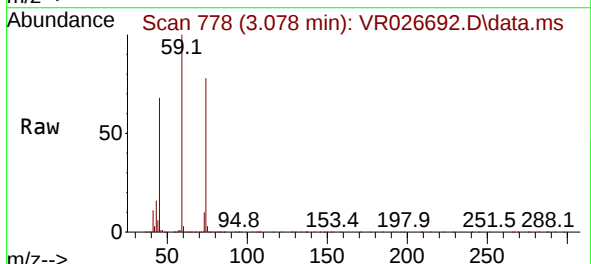
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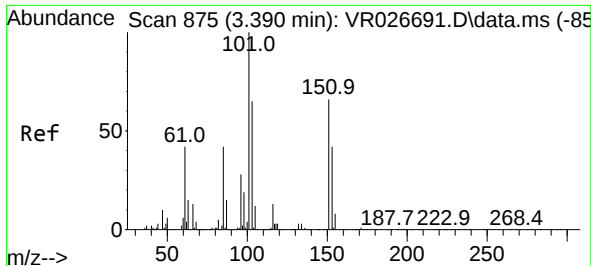
Tgt Ion:101 Resp: 1431451
 Ion Ratio Lower Upper
 101 100
 103 63.7 49.4 74.2



#8
 Diethyl Ether
 Concen: 97.544 ug/l
 RT: 3.078 min Scan# 778
 Delta R.T. -0.006 min
 Lab File: VR026692.D
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Tgt Ion: 74 Resp: 699489
 Ion Ratio Lower Upper
 74 100
 45 91.0 47.1 141.3

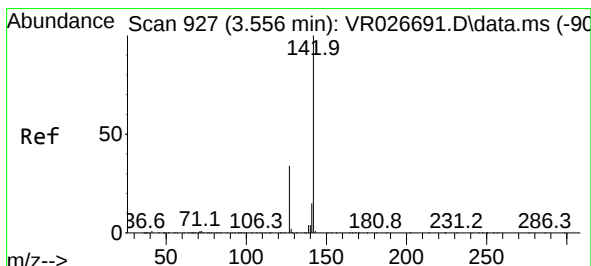
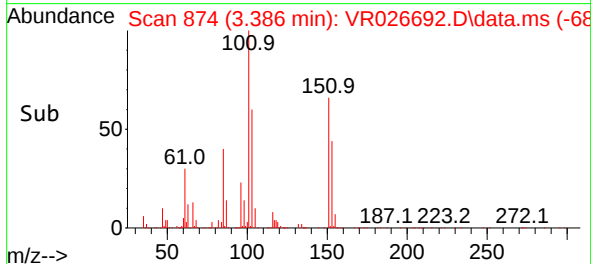
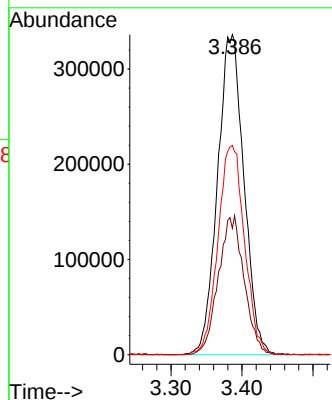
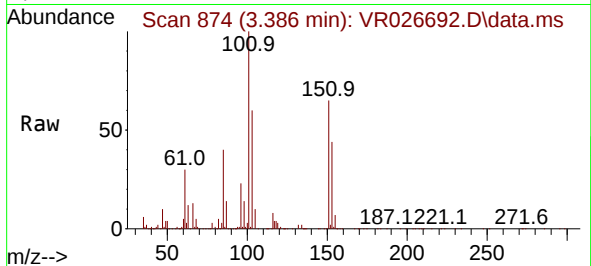




#9
1,1,2-Trichlorotrifluoroethane
Concen: 99.567 ug/l
RT: 3.386 min Scan# 81
Delta R.T. -0.003 min
Lab File: VR026692.D
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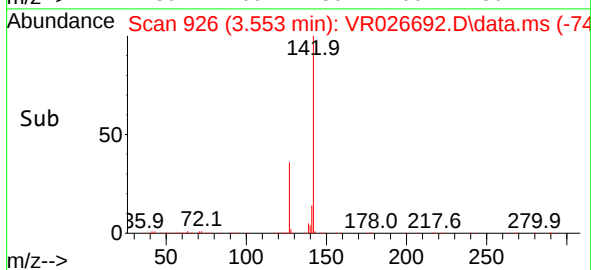
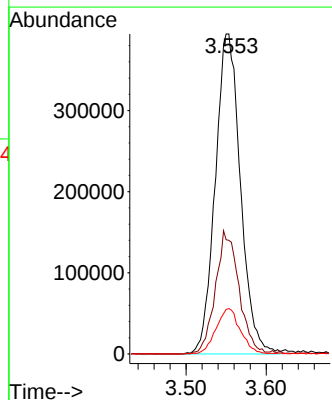
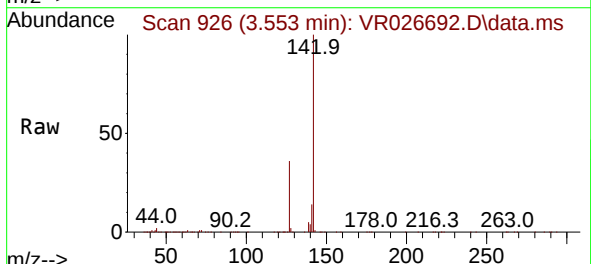
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC100

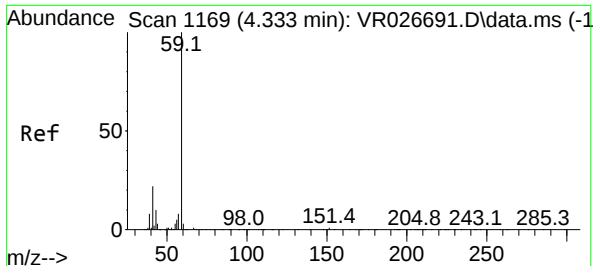
Tgt Ion:101 Resp: 868413
Ion Ratio Lower Upper
101 100
85 42.5 34.5 51.7
151 66.0 53.4 80.0



#10
Methyl Iodide
Concen: 102.255 ug/l
RT: 3.553 min Scan# 926
Delta R.T. -0.003 min
Lab File: VR026692.D
Acq: 4 Aug 2025 12:28

Tgt Ion:142 Resp: 860439
Ion Ratio Lower Upper
142 100
127 35.9 30.1 45.1
141 13.7 10.8 16.2





#11

Tert butyl alcohol

Concen: 500.320 ug/l

RT: 4.327 min Scan# 1167

Delta R.T. -0.006 min

Lab File: VR026692.D

Acq: 4 Aug 2025 12:28

Instrument :

MSVOA_R

ClientSampleId :

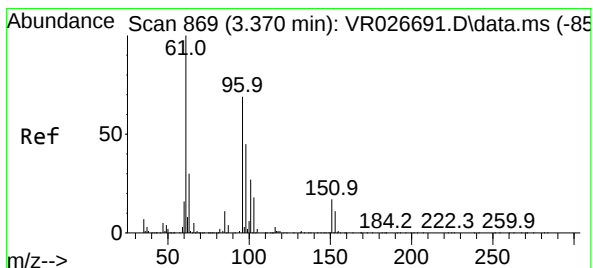
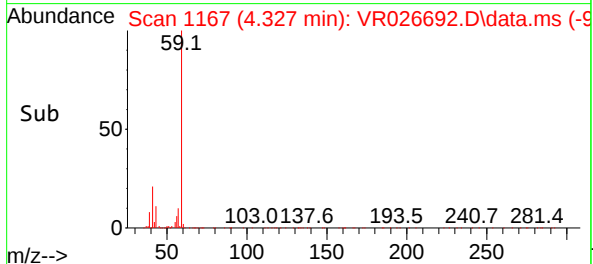
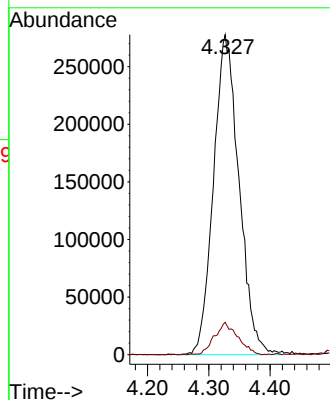
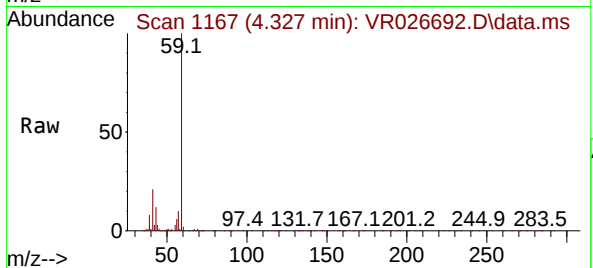
VSTDIC100

Tgt Ion: 59 Resp: 802471

Ion Ratio Lower Upper

59 100

57 9.2 7.7 11.5



#12

1,1-Dichloroethene

Concen: 100.295 ug/l

RT: 3.357 min Scan# 865

Delta R.T. -0.013 min

Lab File: VR026692.D

Acq: 4 Aug 2025 12:28

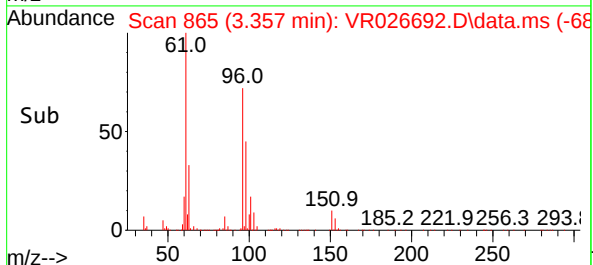
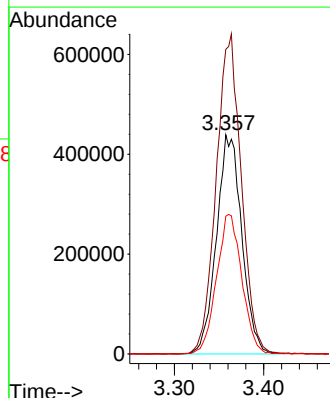
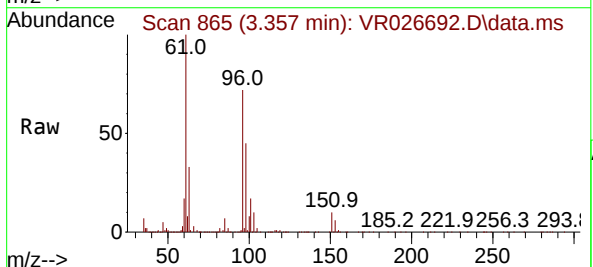
Tgt Ion: 96 Resp: 864137

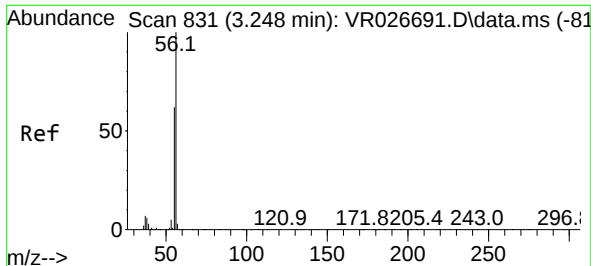
Ion Ratio Lower Upper

96 100

61 138.9 116.2 174.4

98 62.7 52.3 78.5

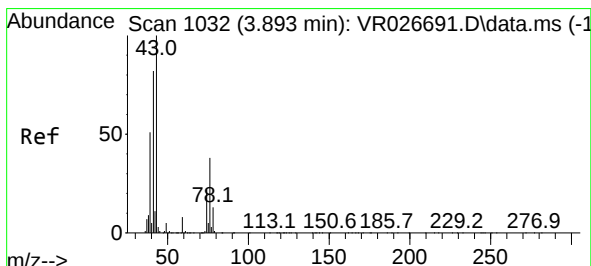
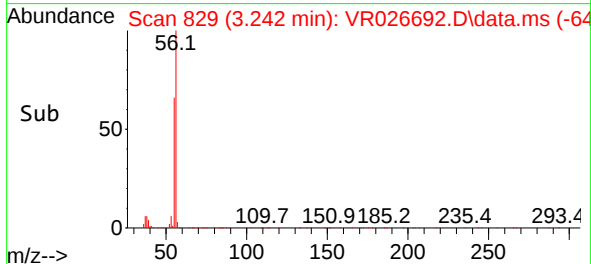
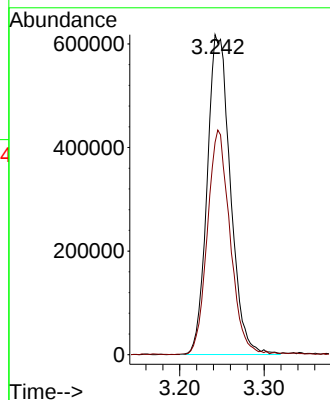
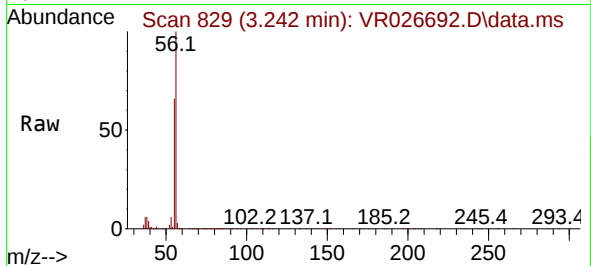




#13
Acrolein
Concen: 503.084 ug/l
RT: 3.242 min Scan# 81
Delta R.T. -0.006 min
Lab File: VR026692.D
Acq: 4 Aug 2025 12:28

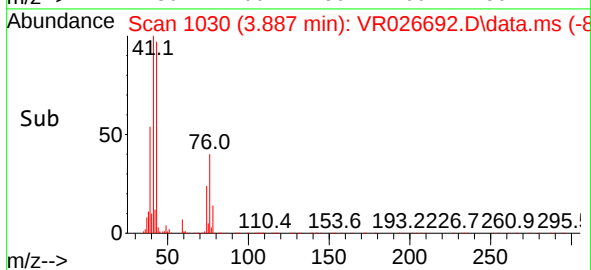
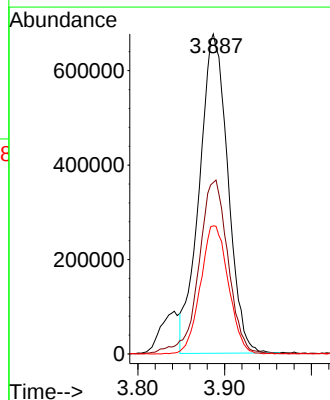
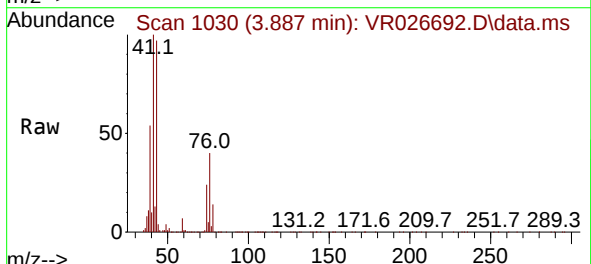
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC100

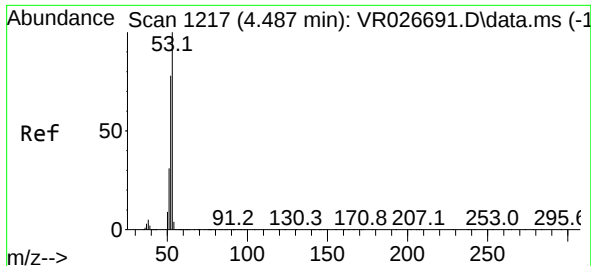
Tgt Ion: 56 Resp: 1179528
Ion Ratio Lower Upper
56 100
55 68.6 53.8 80.8



#14
Allyl chloride
Concen: 91.090 ug/l
RT: 3.887 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VR026692.D
Acq: 4 Aug 2025 12:28

Tgt Ion: 41 Resp: 1544032
Ion Ratio Lower Upper
41 100
39 56.0 44.2 66.2
76 39.3 31.0 46.4

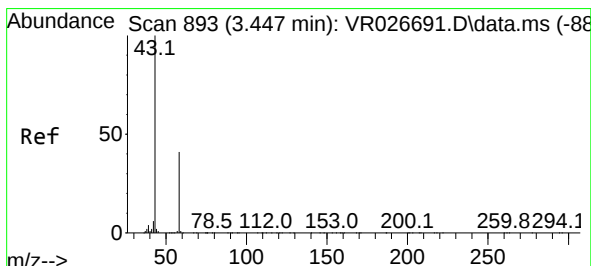
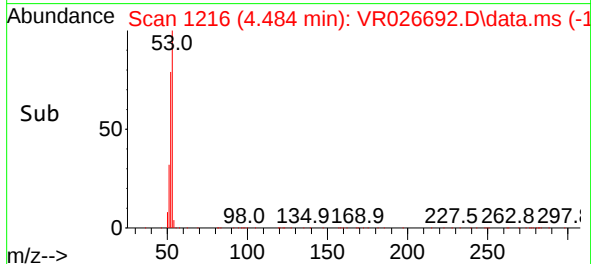
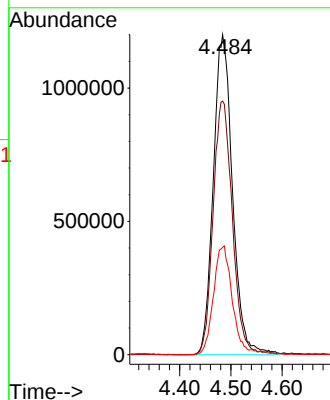
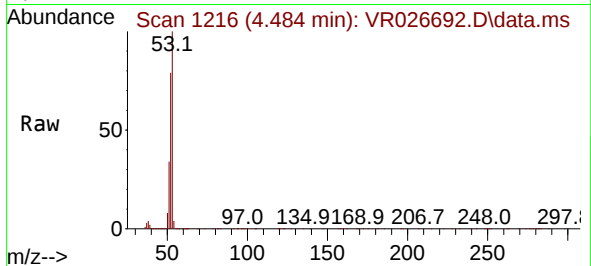




#15
Acrylonitrile
Concen: 489.853 ug/l
RT: 4.484 min Scan# 11
Delta R.T. -0.003 min
Lab File: VR026692.D
Acq: 4 Aug 2025 12:28

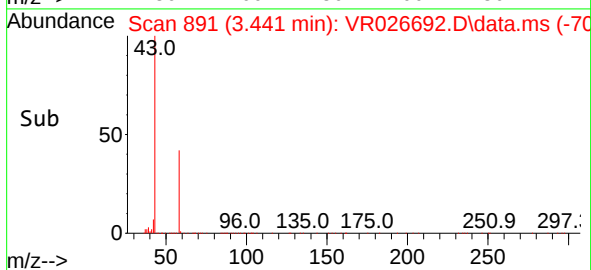
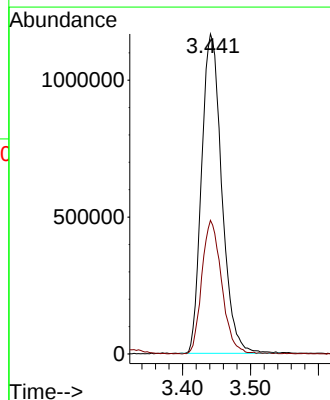
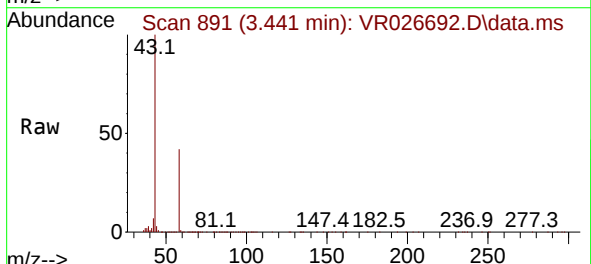
Instrument :
MSVOA_R
ClientSampleId :
VSTDICC100

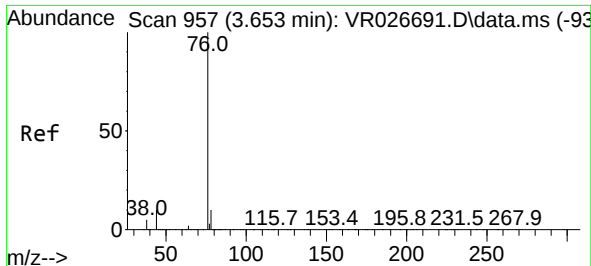
Tgt Ion: 53 Resp: 3118807
Ion Ratio Lower Upper
53 100
52 79.4 61.4 92.2
51 33.3 25.8 38.6



#16
Acetone
Concen: 500.519 ug/l
RT: 3.441 min Scan# 891
Delta R.T. -0.006 min
Lab File: VR026692.D
Acq: 4 Aug 2025 12:28

Tgt Ion: 43 Resp: 2408198
Ion Ratio Lower Upper
43 100
58 41.7 32.9 49.3

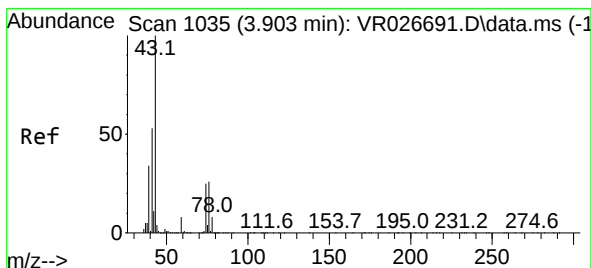
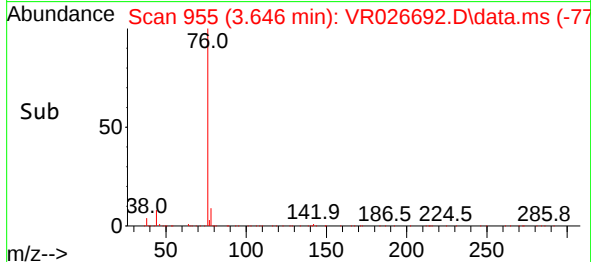
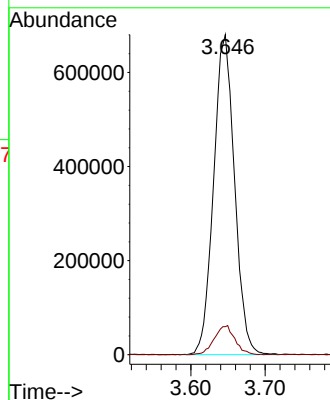
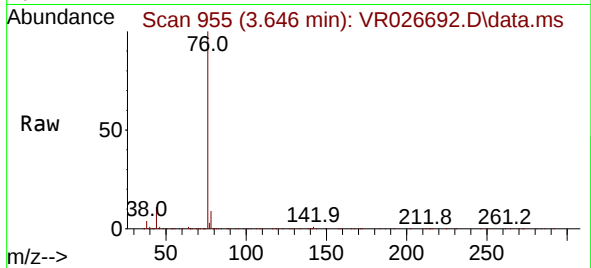




#17
Carbon Disulfide
Concen: 104.260 ug/l
RT: 3.646 min Scan# 91
Delta R.T. -0.006 min
Lab File: VR026692.D
Acq: 4 Aug 2025 12:28

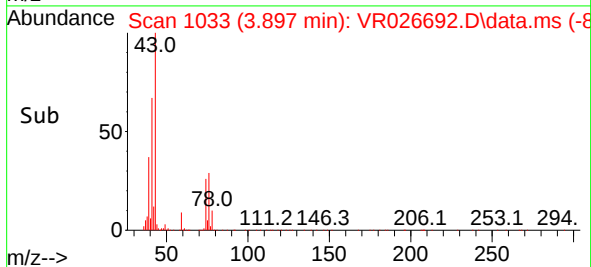
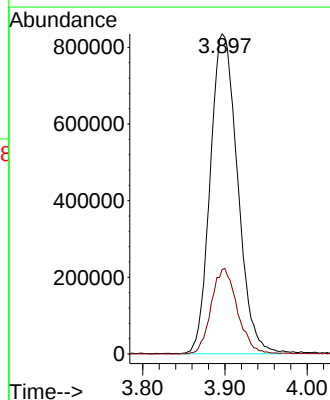
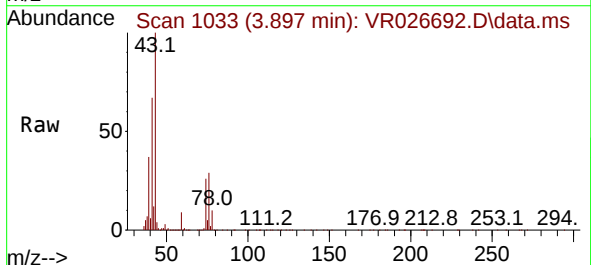
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC100

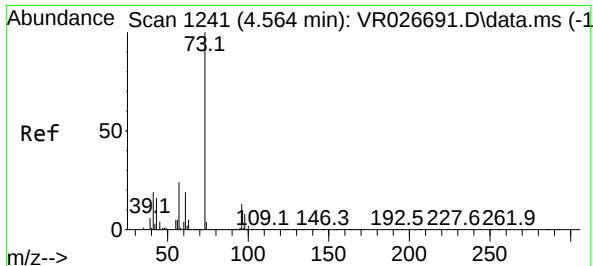
Tgt Ion: 76 Resp: 1329722
Ion Ratio Lower Upper
76 100
78 8.8 7.8 11.6



#18
Methyl Acetate
Concen: 96.054 ug/l
RT: 3.897 min Scan# 1033
Delta R.T. -0.006 min
Lab File: VR026692.D
Acq: 4 Aug 2025 12:28

Tgt Ion: 43 Resp: 1928895
Ion Ratio Lower Upper
43 100
74 25.5 19.4 29.0





#19

Methyl tert-butyl Ether

Concen: 98.725 ug/l

RT: 4.558 min Scan# 11

Delta R.T. -0.006 min

Lab File: VR026692.D

Acq: 4 Aug 2025 12:28

Instrument :

MSVOA_R

ClientSampleId :

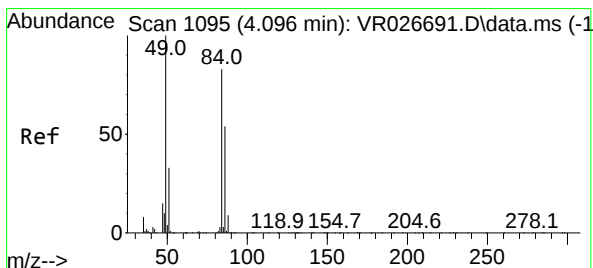
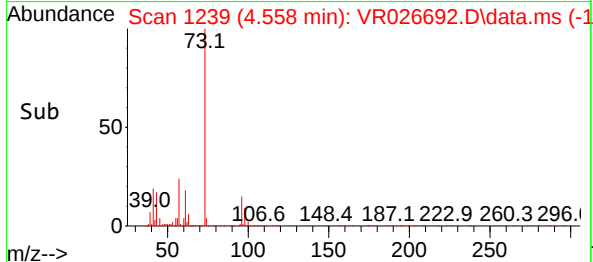
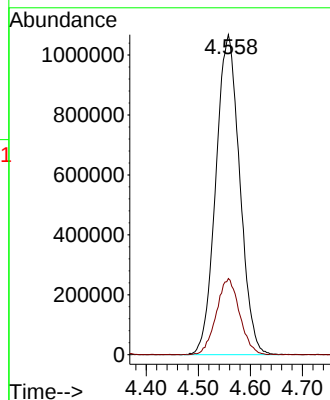
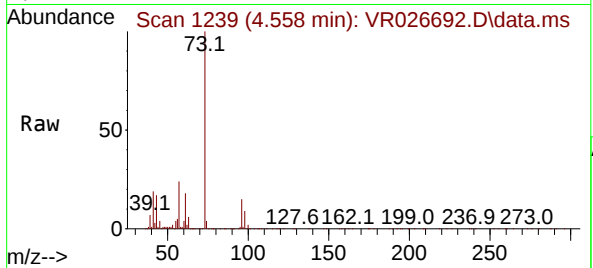
VSTDIC100

Tgt Ion: 73 Resp: 3404079

Ion Ratio Lower Upper

73 100

57 23.8 19.4 29.0



#20

Methylene Chloride

Concen: 95.143 ug/l

RT: 4.086 min Scan# 1092

Delta R.T. -0.010 min

Lab File: VR026692.D

Acq: 4 Aug 2025 12:28

Tgt Ion: 84 Resp: 1086352

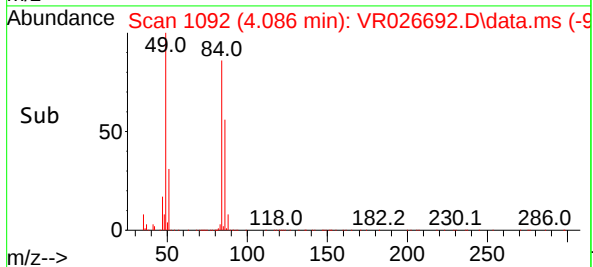
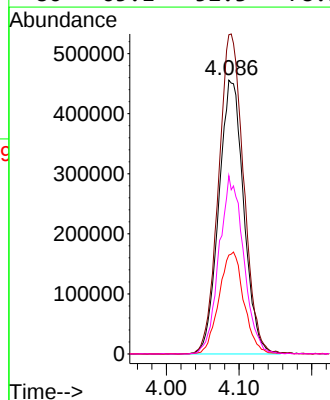
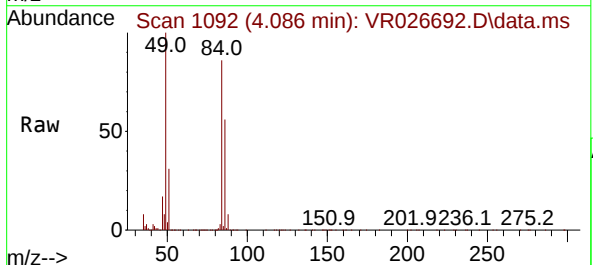
Ion Ratio Lower Upper

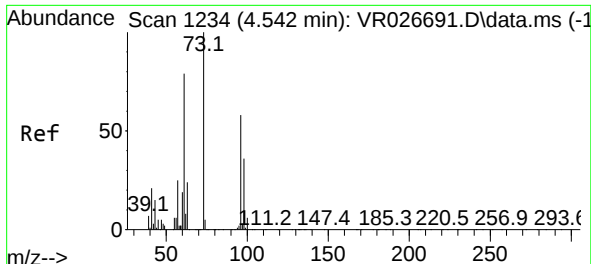
84 100

49 116.6 96.2 144.4

51 36.1 31.8 47.6

86 65.1 52.3 78.5

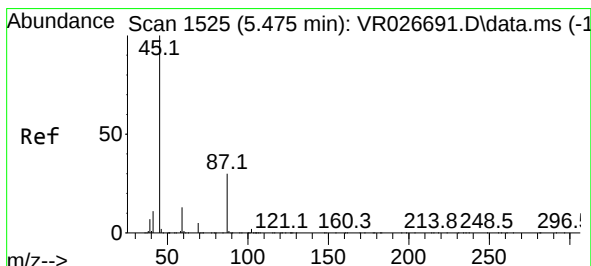
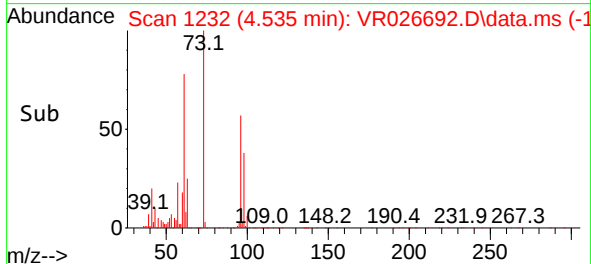
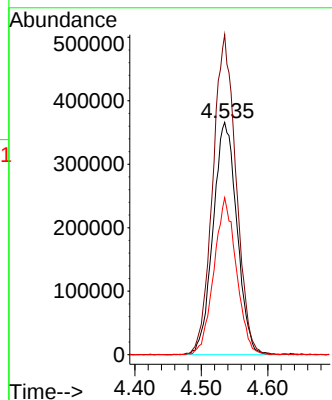
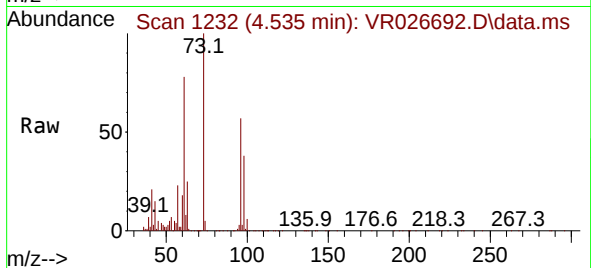




#21
trans-1,2-Dichloroethene
Concen: 96.472 ug/l
RT: 4.535 min Scan# 11
Delta R.T. -0.006 min
Lab File: VR026692.D
Acq: 4 Aug 2025 12:28

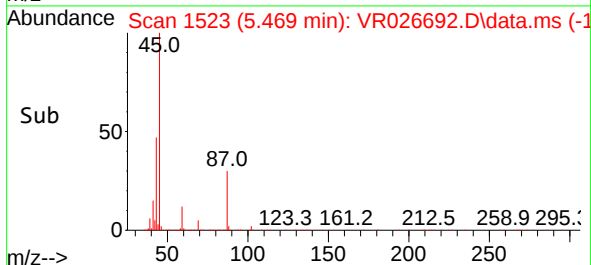
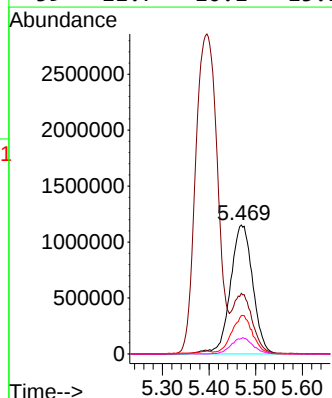
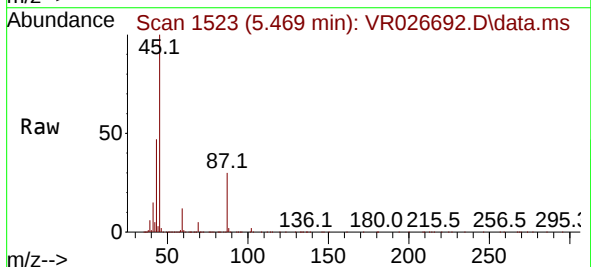
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC100

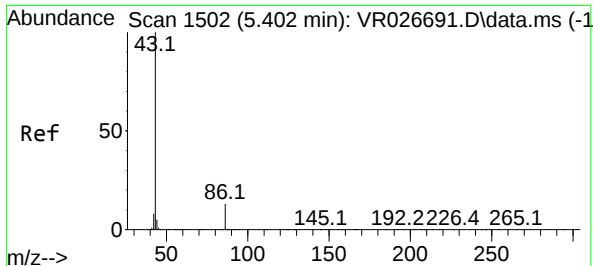
Tgt Ion: 96 Resp: 913747
Ion Ratio Lower Upper
96 100
61 137.6 110.3 165.5
98 67.5 50.2 75.4



#22
Diisopropyl ether
Concen: 96.620 ug/l
RT: 5.469 min Scan# 1523
Delta R.T. -0.006 min
Lab File: VR026692.D
Acq: 4 Aug 2025 12:28

Tgt Ion: 45 Resp: 3837843
Ion Ratio Lower Upper
45 100
43 46.3 38.2 57.2
87 29.8 24.0 36.0
59 11.7 10.1 15.1

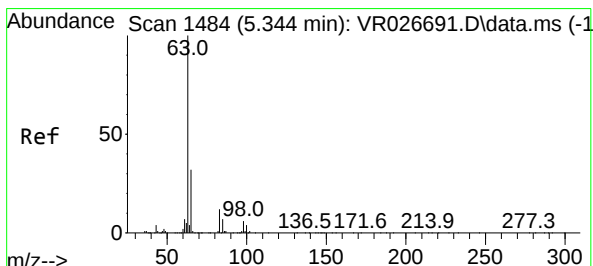
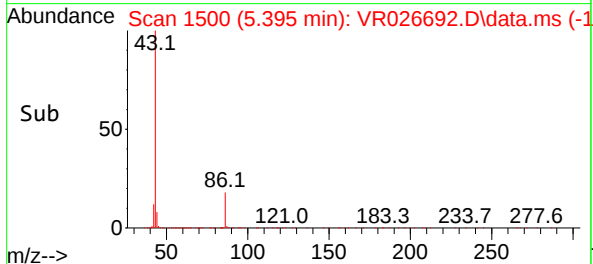
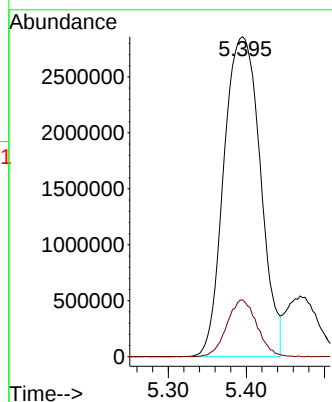
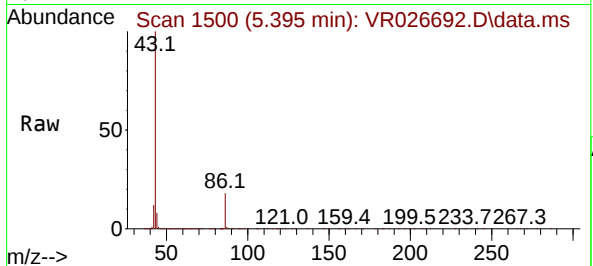




#23
 Vinyl Acetate
 Concen: 409.830 ug/l
 RT: 5.395 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VR026692.D
 Acq: 4 Aug 2025 12:28

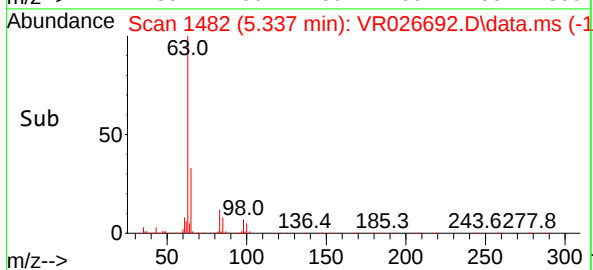
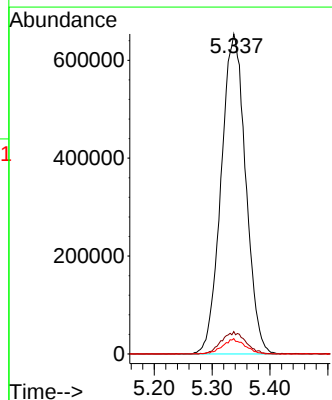
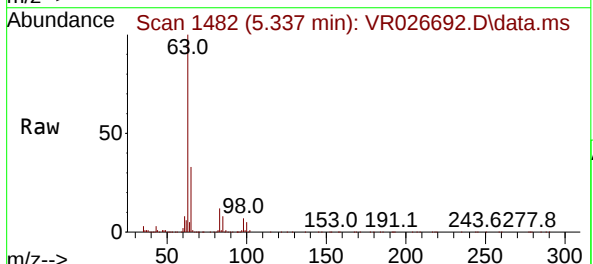
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDIC100

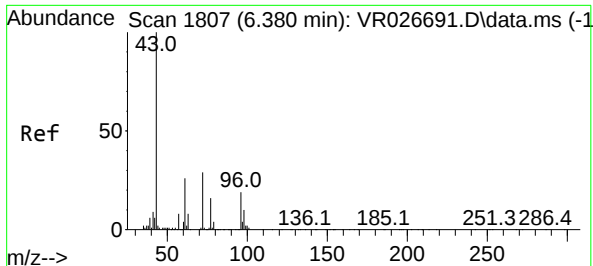
Tgt Ion: 43 Resp: 9281822
 Ion Ratio Lower Upper
 43 100
 86 17.7 10.7 16.1#



#24
 1,1-Dichloroethane
 Concen: 95.807 ug/l
 RT: 5.337 min Scan# 1482
 Delta R.T. -0.006 min
 Lab File: VR026692.D
 Acq: 4 Aug 2025 12:28

Tgt Ion: 63 Resp: 1927190
 Ion Ratio Lower Upper
 63 100
 98 7.0 2.9 8.8
 100 4.8 1.8 5.4





#25

2-Butanone

Concen: 495.781 ug/l

RT: 6.374 min Scan# 1798

Delta R.T. -0.006 min

Lab File: VR026692.D

Acq: 4 Aug 2025 12:28

Instrument :

MSVOA_R

ClientSampleId :

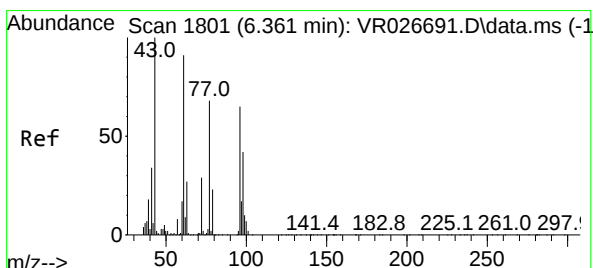
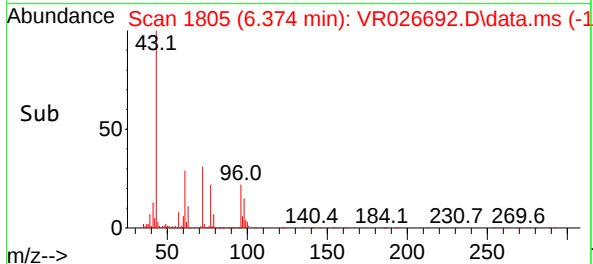
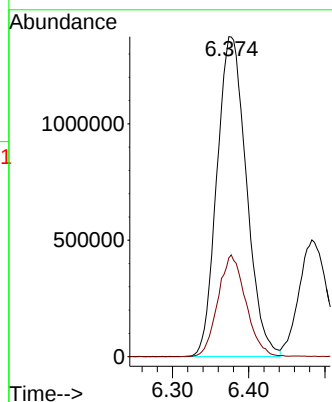
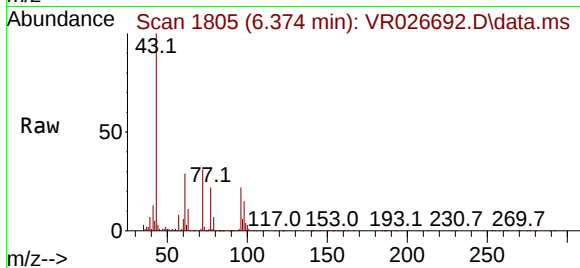
VSTDIC100

Tgt Ion: 43 Resp: 3692110

Ion Ratio Lower Upper

43 100

72 30.9 23.1 34.7



#26

2,2-Dichloropropane

Concen: 103.894 ug/l

RT: 6.351 min Scan# 1798

Delta R.T. -0.010 min

Lab File: VR026692.D

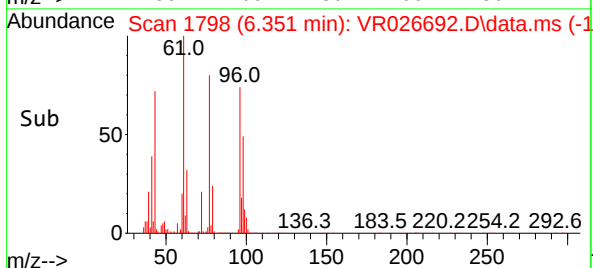
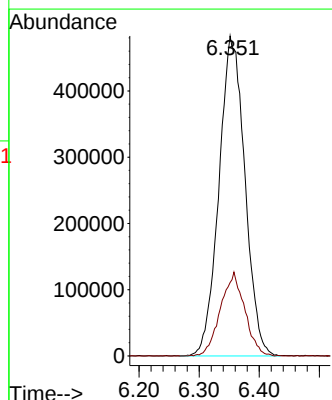
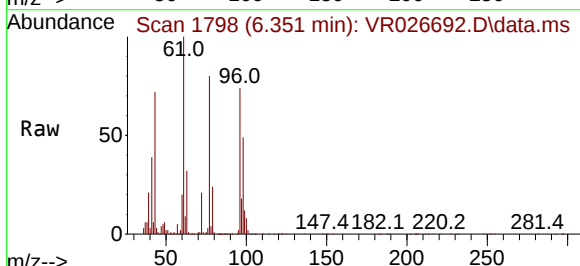
Acq: 4 Aug 2025 12:28

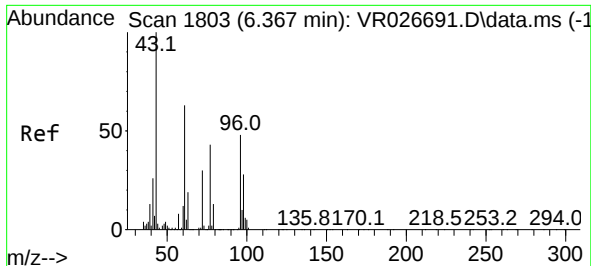
Tgt Ion: 77 Resp: 1444721

Ion Ratio Lower Upper

77 100

97 24.5 12.3 36.8





#27

cis-1,2-Dichloroethene

Concen: 101.995 ug/l

RT: 6.361 min Scan# 1803

Delta R.T. -0.006 min

Lab File: VR026692.D

Acq: 4 Aug 2025 12:28

Instrument :

MSVOA_R

ClientSampleId :

VSTDIC100

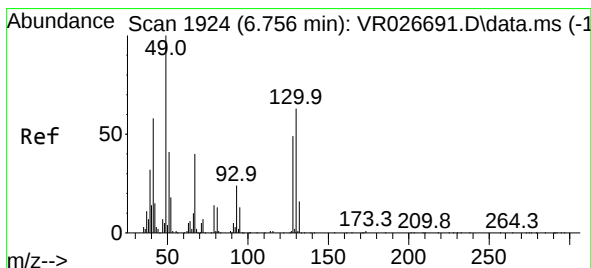
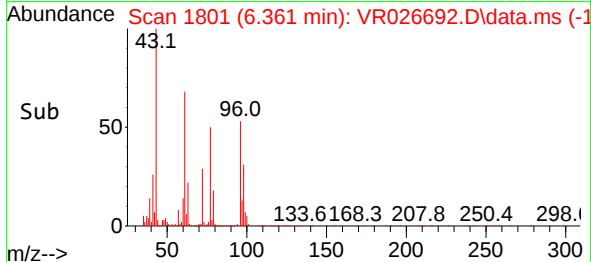
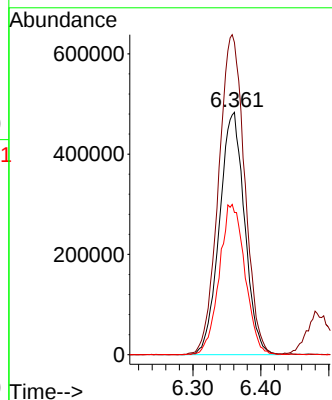
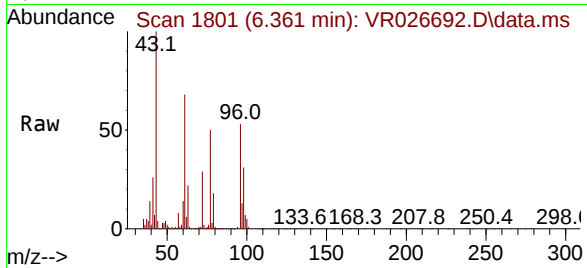
Tgt Ion: 96 Resp: 1242859

Ion Ratio Lower Upper

96 100

61 137.1 0.0 279.8

98 63.4 0.0 125.2



#28

Bromochloromethane

Concen: 90.207 ug/l

RT: 6.756 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VR026692.D

Acq: 4 Aug 2025 12:28

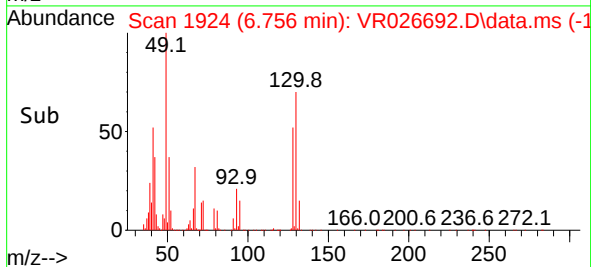
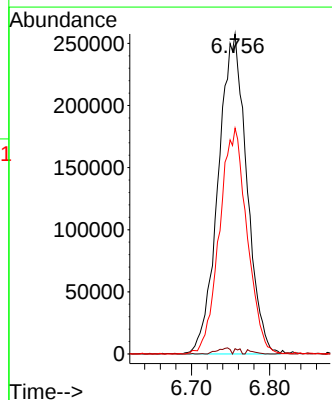
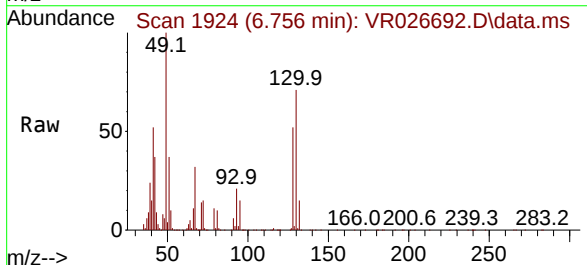
Tgt Ion: 49 Resp: 653864

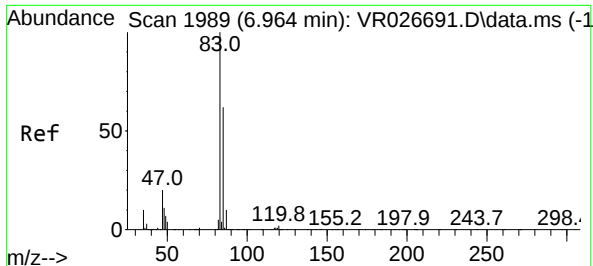
Ion Ratio Lower Upper

49 100

129 0.3 0.0 3.4

130 68.4 52.2 78.4





#29

Chloroform

Concen: 98.955 ug/l

RT: 6.958 min Scan# 1989

Delta R.T. -0.006 min

Lab File: VR026692.D

Acq: 4 Aug 2025 12:28

Instrument :

MSVOA_R

ClientSampleId :

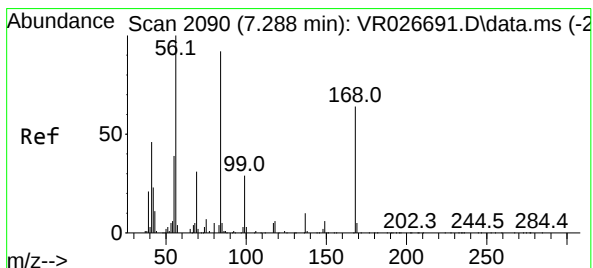
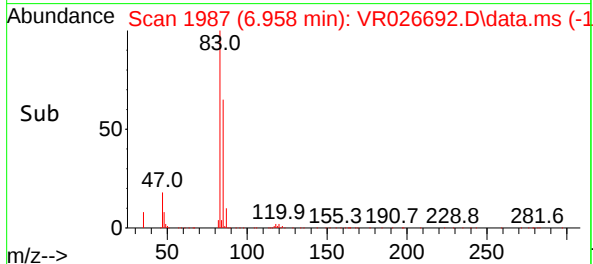
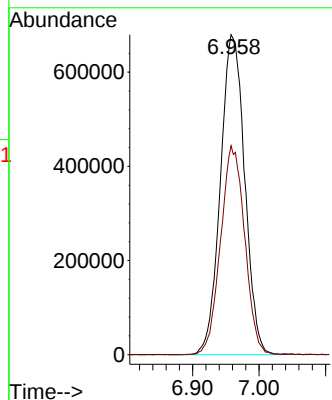
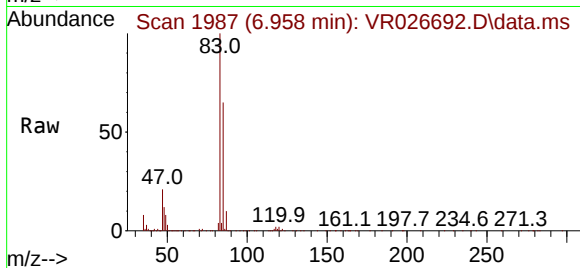
VSTDIC100

Tgt Ion: 83 Resp: 1724234

Ion Ratio Lower Upper

83 100

85 65.2 49.6 74.4



#30

Cyclohexane

Concen: 90.644 ug/l

RT: 7.282 min Scan# 2088

Delta R.T. -0.006 min

Lab File: VR026692.D

Acq: 4 Aug 2025 12:28

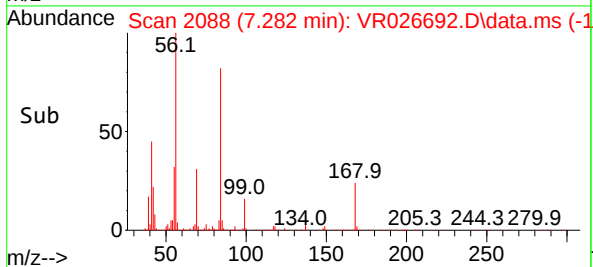
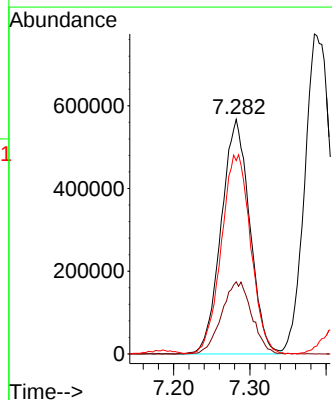
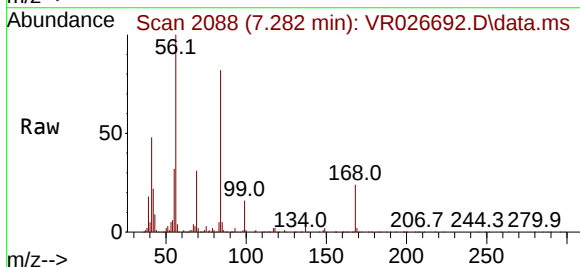
Tgt Ion: 56 Resp: 1472478

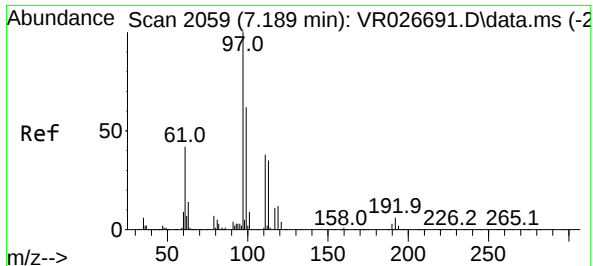
Ion Ratio Lower Upper

56 100

69 30.6 24.8 37.2

84 82.0 73.1 109.7

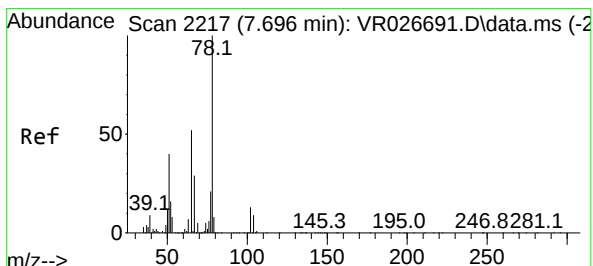
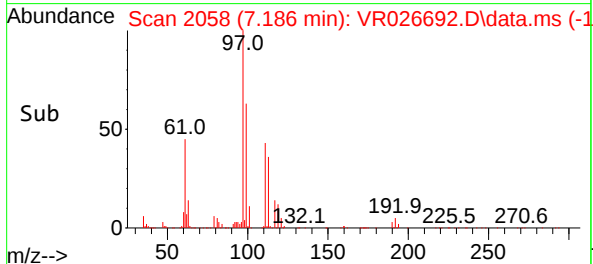
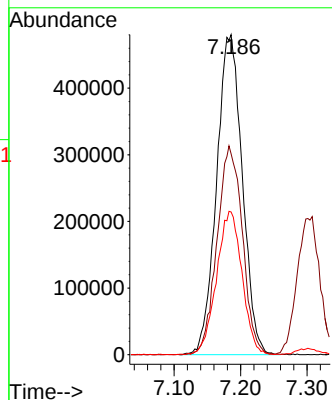
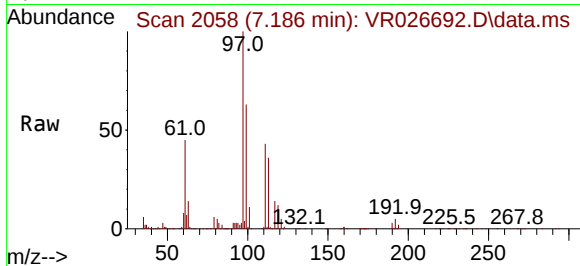




#31
1,1,1-Trichloroethane
Concen: 102.701 ug/l
RT: 7.186 min Scan# 2058
Delta R.T. -0.003 min
Lab File: VR026692.D
Acq: 4 Aug 2025 12:28

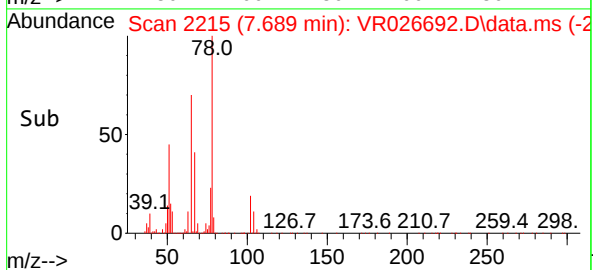
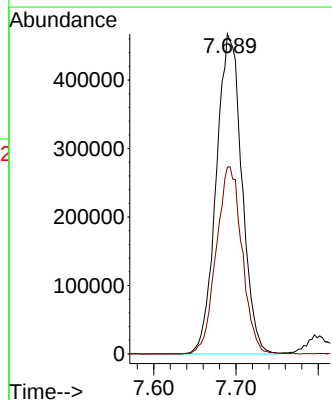
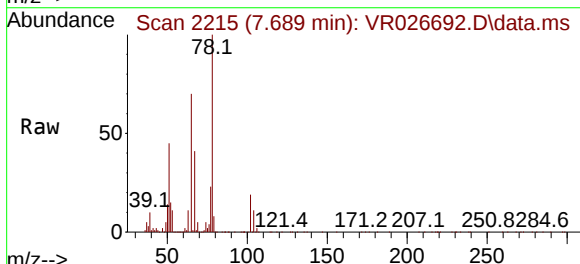
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC100

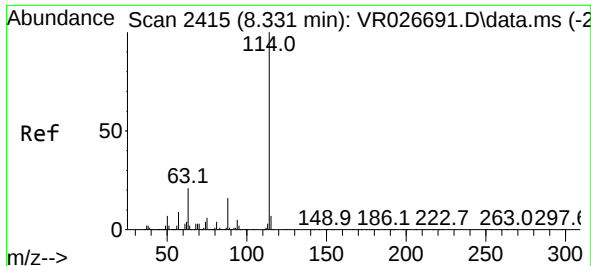
Tgt Ion: 97 Resp: 1292978
Ion Ratio Lower Upper
97 100
99 64.2 51.0 76.6
61 44.4 36.3 54.5



#32
1,2-Dichloroethane-d4
Concen: 98.787 ug/l
RT: 7.689 min Scan# 2215
Delta R.T. -0.006 min
Lab File: VR026692.D
Acq: 4 Aug 2025 12:28

Tgt Ion: 65 Resp: 1012712
Ion Ratio Lower Upper
65 100
67 59.0 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: VR026692.D

Acq: 4 Aug 2025 12:28

Instrument :

MSVOA_R

ClientSampleId :

VSTDIC100

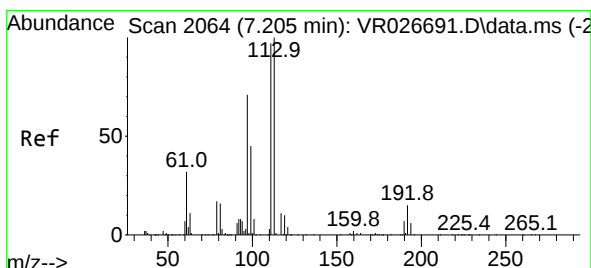
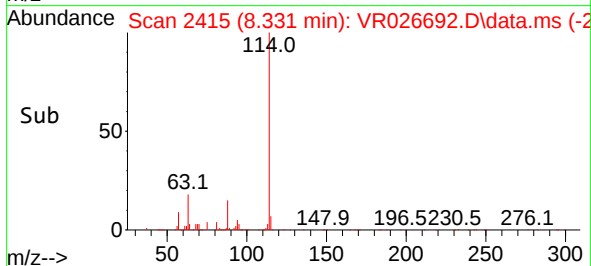
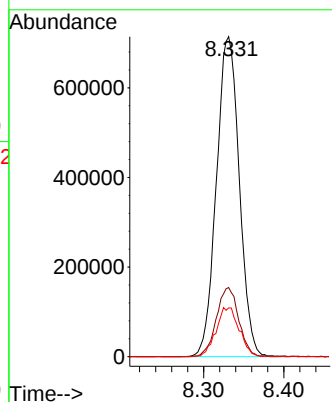
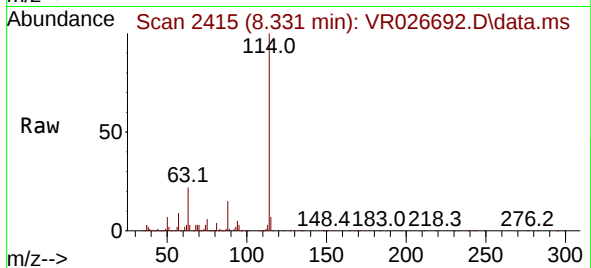
Tgt Ion:114 Resp: 1413446

Ion Ratio Lower Upper

114 100

63 21.6 0.0 41.6

88 15.3 0.0 32.6



#34

Dibromofluoromethane

Concen: 102.353 ug/l

RT: 7.205 min Scan# 2064

Delta R.T. -0.000 min

Lab File: VR026692.D

Acq: 4 Aug 2025 12:28

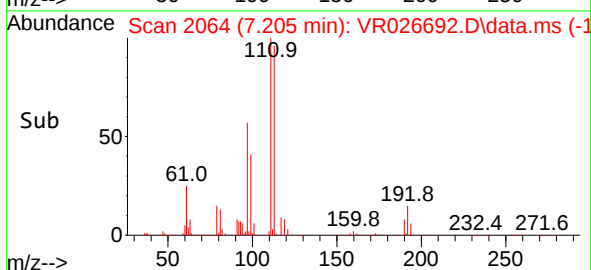
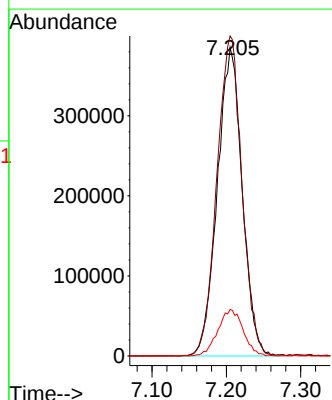
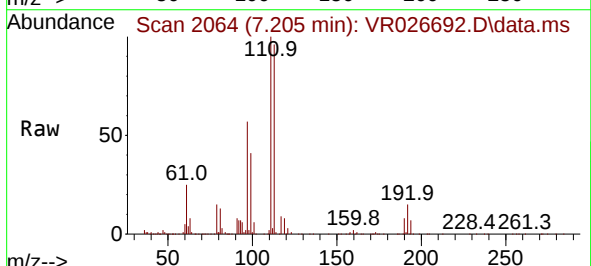
Tgt Ion:113 Resp: 894796

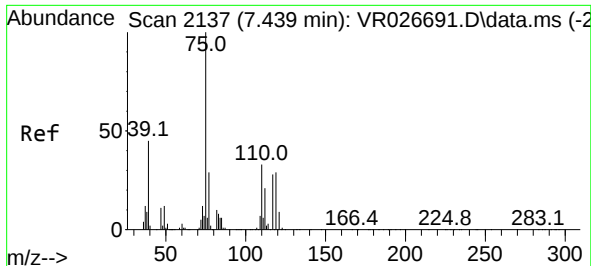
Ion Ratio Lower Upper

113 100

111 104.1 81.7 122.5

192 15.4 12.3 18.5





#35

1,1-Dichloropropene

Concen: 104.538 ug/l

RT: 7.433 min Scan# 2135

Delta R.T. -0.006 min

Lab File: VR026692.D

Acq: 4 Aug 2025 12:28

Instrument :

MSVOA_R

ClientSampleId :

VSTDICC100

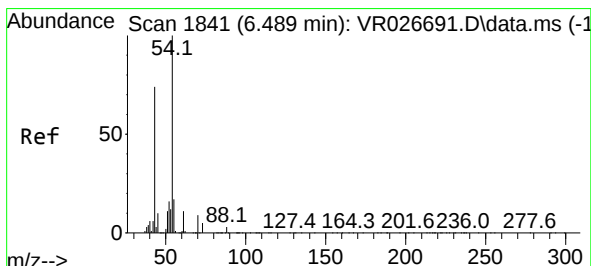
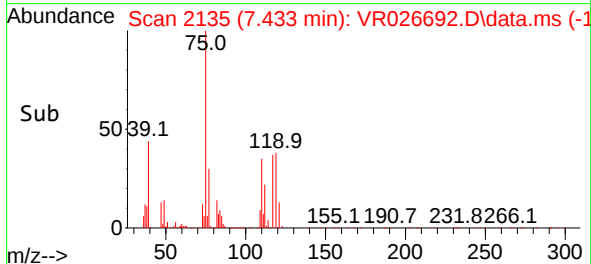
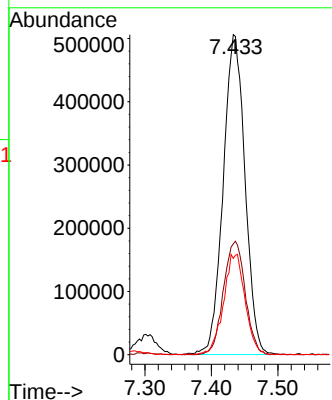
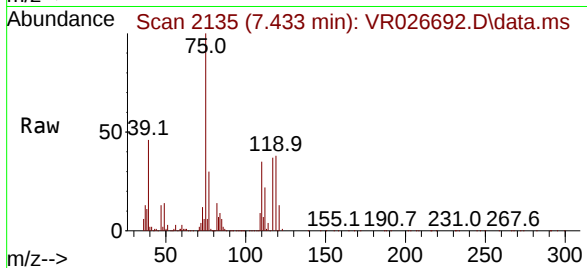
Tgt Ion: 75 Resp: 1152925

Ion Ratio Lower Upper

75 100

110 35.5 17.0 50.9

77 31.1 24.6 37.0



#36

Ethyl Acetate

Concen: 99.702 ug/l

RT: 6.483 min Scan# 1839

Delta R.T. -0.006 min

Lab File: VR026692.D

Acq: 4 Aug 2025 12:28

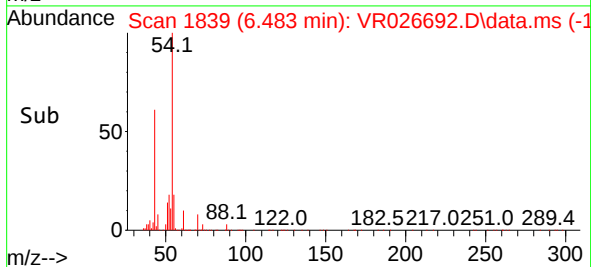
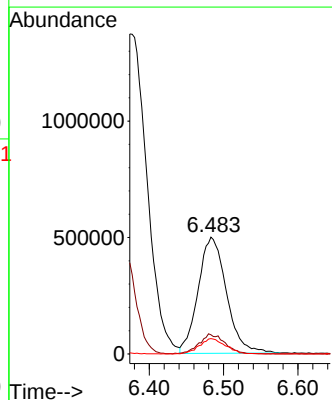
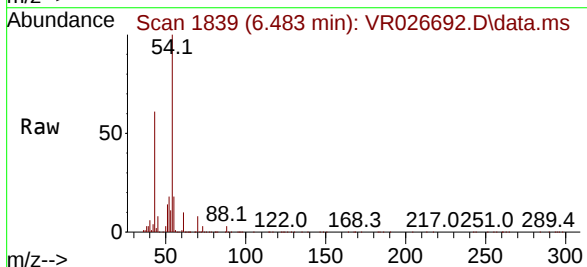
Tgt Ion: 43 Resp: 1316413

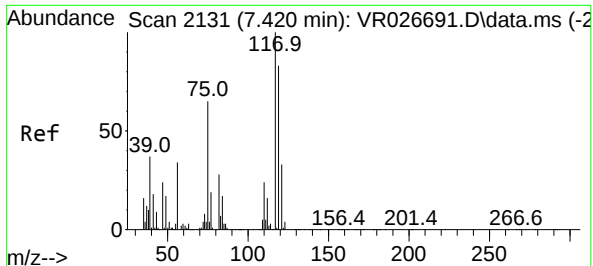
Ion Ratio Lower Upper

43 100

61 15.5 12.0 18.0

70 12.3 9.0 13.6

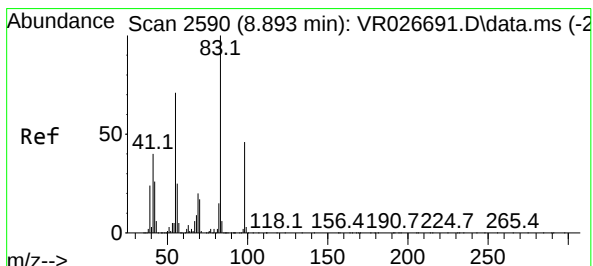
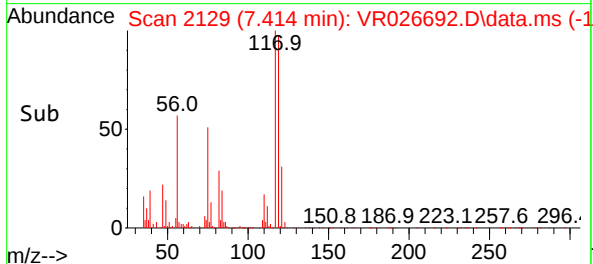
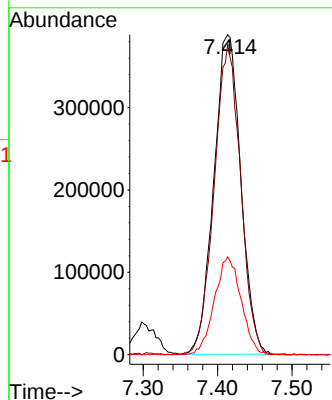
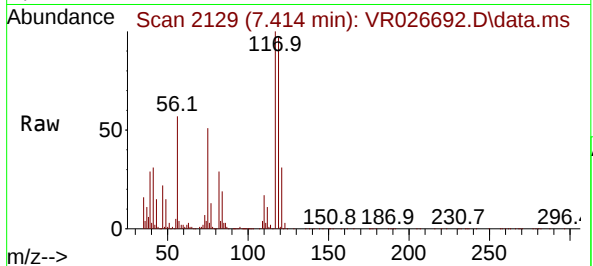




#37
Carbon Tetrachloride
Concen: 108.923 ug/l
RT: 7.414 min Scan# 2131
Delta R.T. -0.006 min
Lab File: VR026692.D
Acq: 4 Aug 2025 12:28

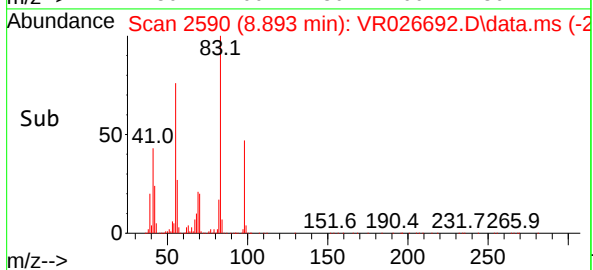
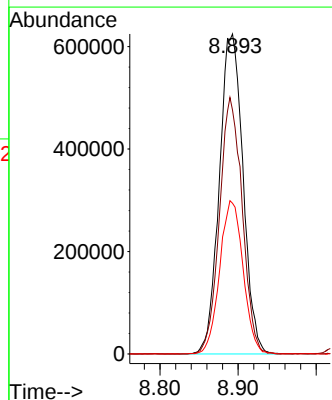
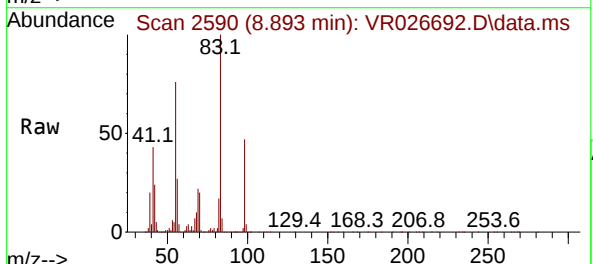
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC100

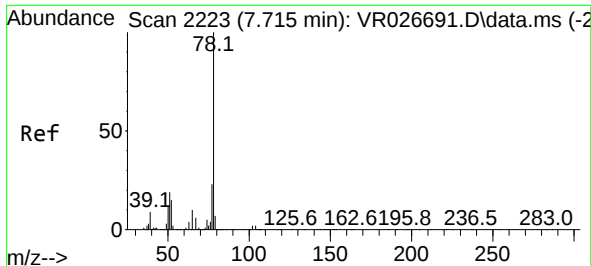
Tgt Ion:117 Resp: 978357
Ion Ratio Lower Upper
117 100
119 96.9 67.0 100.4
121 30.6 26.3 39.5



#38
Methylcyclohexane
Concen: 104.184 ug/l
RT: 8.893 min Scan# 2590
Delta R.T. -0.000 min
Lab File: VR026692.D
Acq: 4 Aug 2025 12:28

Tgt Ion: 83 Resp: 1315252
Ion Ratio Lower Upper
83 100
55 76.2 56.7 85.1
98 47.1 36.7 55.1

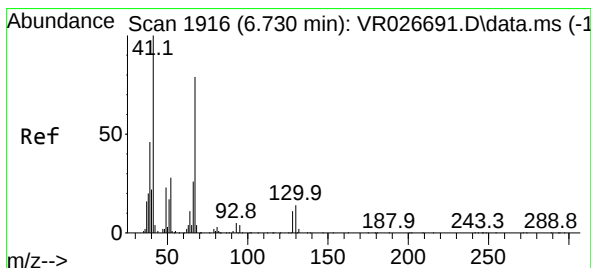
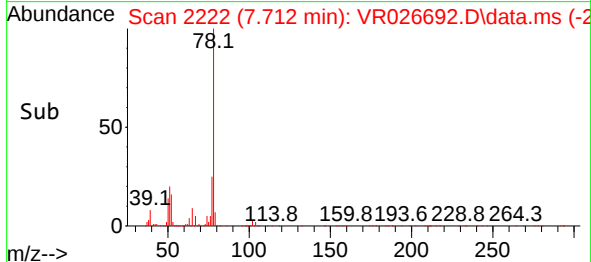
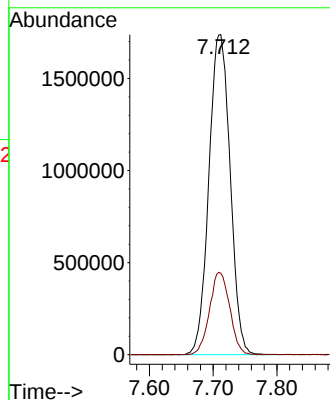
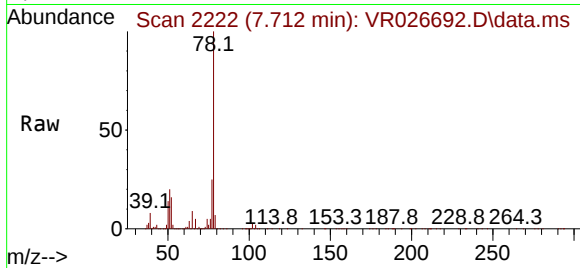




#39
Benzene
Concen: 101.328 ug/l
RT: 7.712 min Scan# 21
Delta R.T. -0.003 min
Lab File: VR026692.D
Acq: 4 Aug 2025 12:28

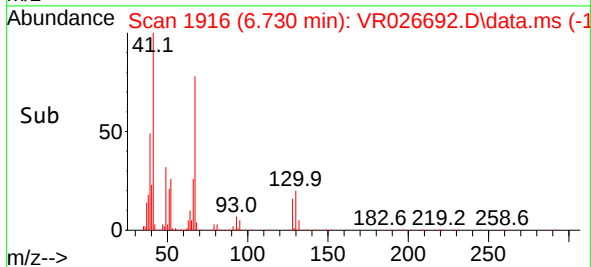
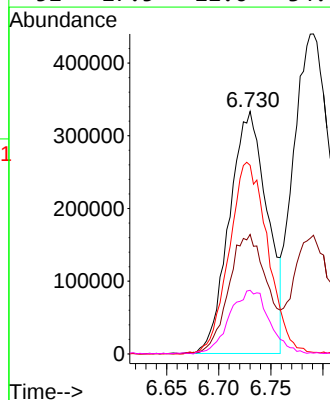
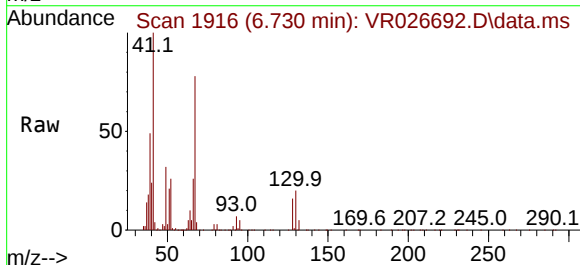
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC100

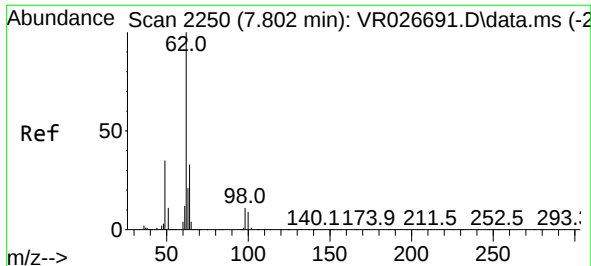
Tgt Ion: 78 Resp: 4024378
Ion Ratio Lower Upper
78 100
77 25.4 18.8 28.2



#40
Methacrylonitrile
Concen: 103.222 ug/l
RT: 6.730 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VR026692.D
Acq: 4 Aug 2025 12:28

Tgt Ion: 41 Resp: 846974
Ion Ratio Lower Upper
41 100
39 49.7 42.4 63.6
67 80.7 65.6 98.4
52 27.5 22.6 34.0

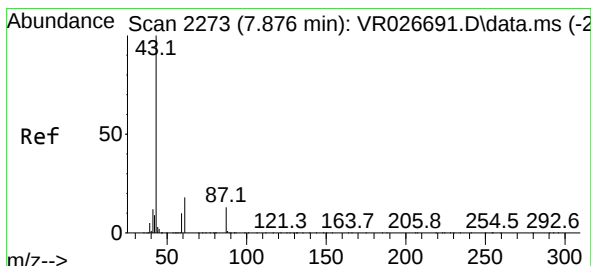
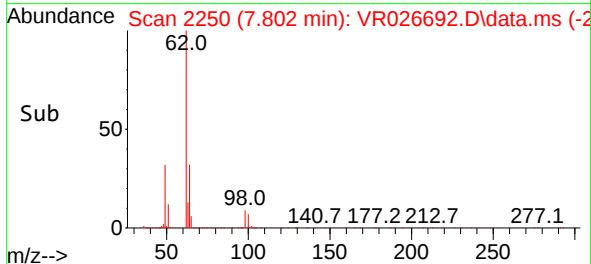
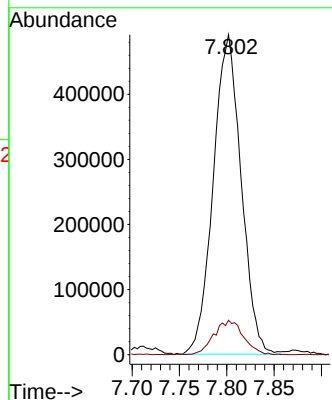
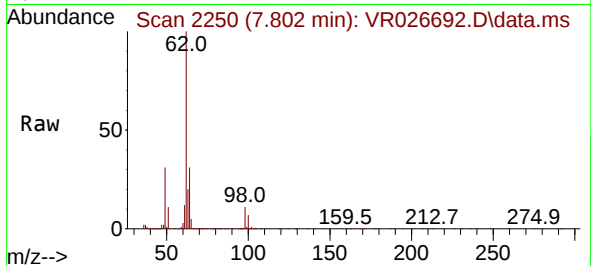




#41
1,2-Dichloroethane
Concen: 99.502 ug/l
RT: 7.802 min Scan# 21
Delta R.T. -0.000 min
Lab File: VR026692.D
Acq: 4 Aug 2025 12:28

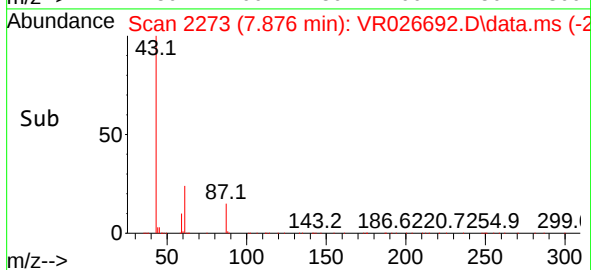
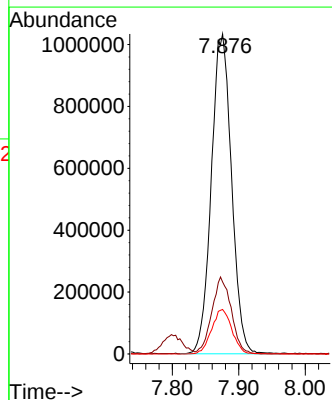
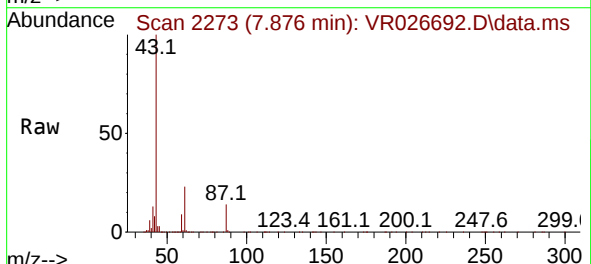
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC100

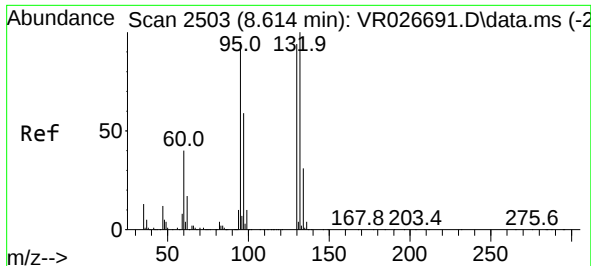
Tgt Ion: 62 Resp: 1005146
Ion Ratio Lower Upper
62 100
98 11.3 0.0 22.2



#42
Isopropyl Acetate
Concen: 103.057 ug/l
RT: 7.876 min Scan# 2273
Delta R.T. -0.000 min
Lab File: VR026692.D
Acq: 4 Aug 2025 12:28

Tgt Ion: 43 Resp: 2187929
Ion Ratio Lower Upper
43 100
61 23.0 17.9 26.9
87 13.9 10.8 16.2

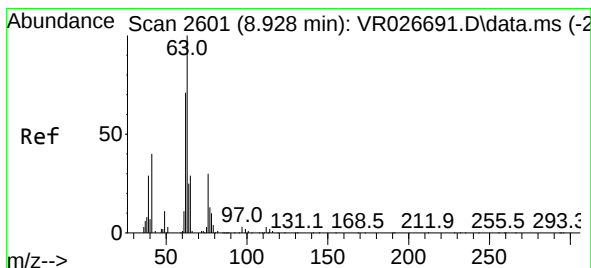
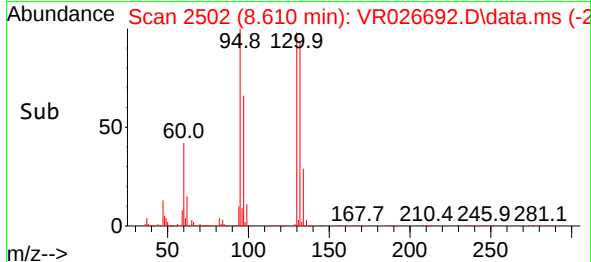
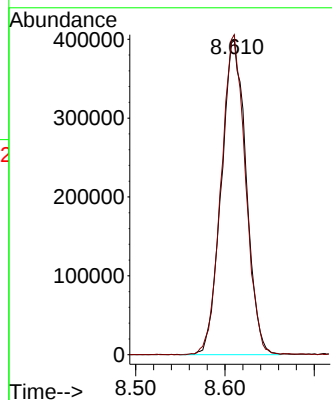
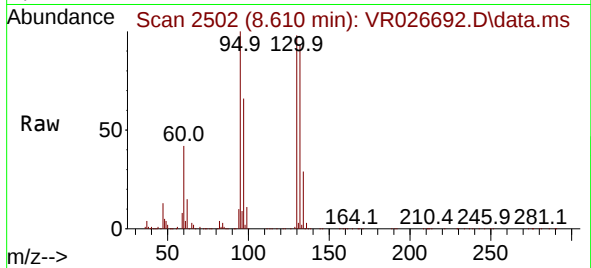




#43
Trichloroethene
Concen: 100.712 ug/l
RT: 8.610 min Scan# 210
Delta R.T. -0.003 min
Lab File: VR026692.D
Acq: 4 Aug 2025 12:28

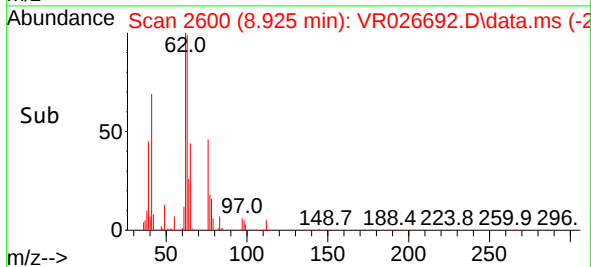
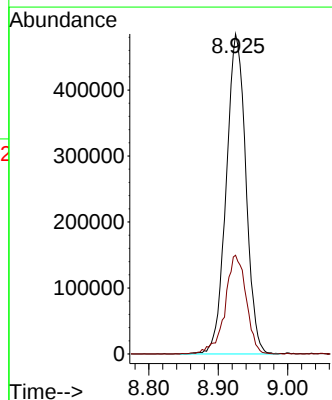
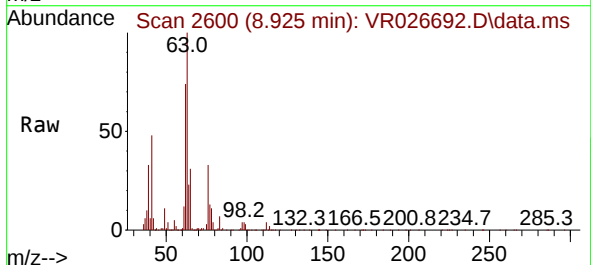
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC100

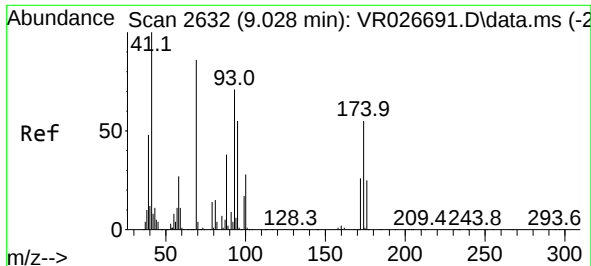
Tgt Ion:130 Resp: 769240
Ion Ratio Lower Upper
130 100
95 101.8 0.0 200.6



#44
1,2-Dichloropropane
Concen: 101.237 ug/l
RT: 8.925 min Scan# 2600
Delta R.T. -0.003 min
Lab File: VR026692.D
Acq: 4 Aug 2025 12:28

Tgt Ion: 63 Resp: 951502
Ion Ratio Lower Upper
63 100
65 30.8 23.8 35.8

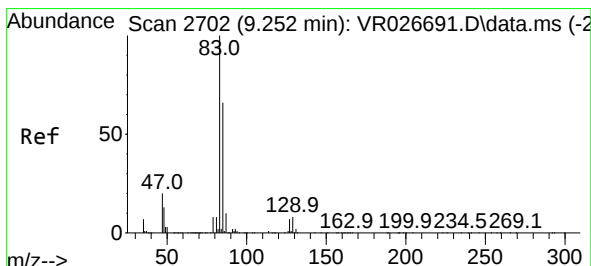
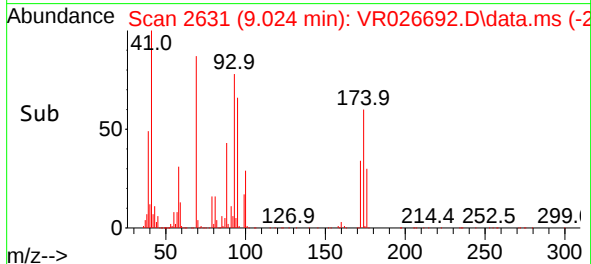
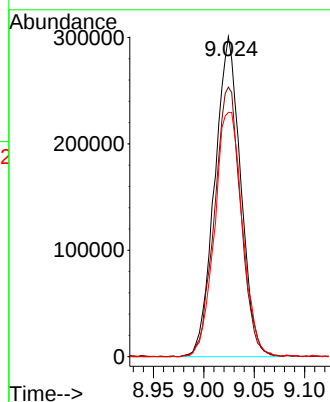
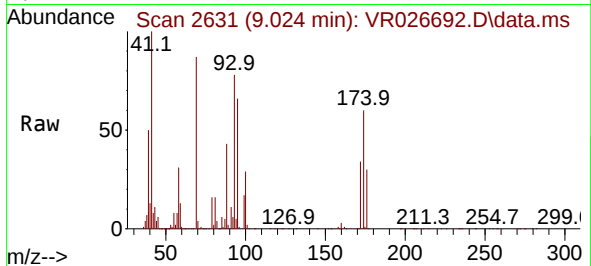




#45
Dibromomethane
Concen: 103.365 ug/l
RT: 9.024 min Scan# 2631
Delta R.T. -0.003 min
Lab File: VR026692.D
Acq: 4 Aug 2025 12:28

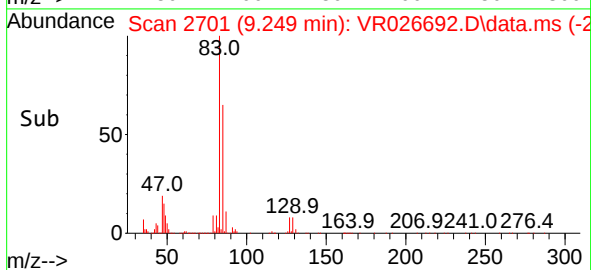
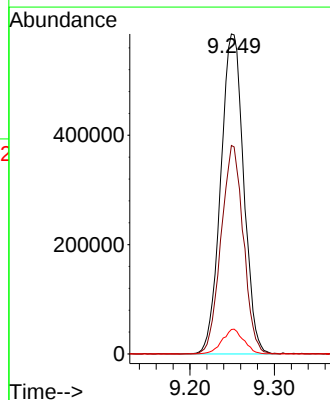
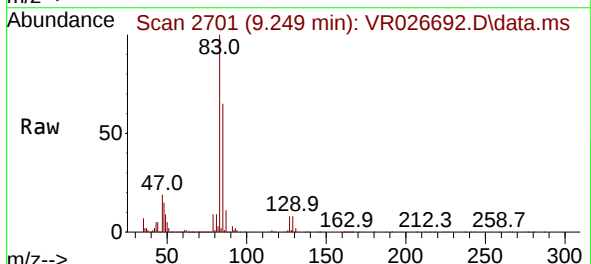
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC100

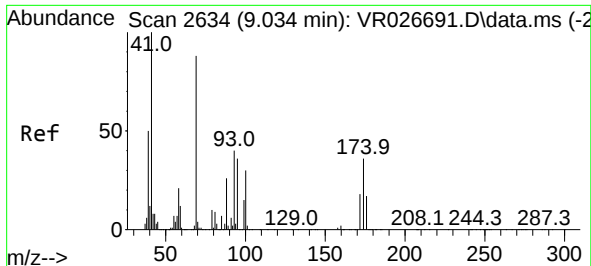
Tgt Ion: 93 Resp: 540289
Ion Ratio Lower Upper
93 100
95 85.2 69.4 104.0
174 81.6 66.9 100.3



#46
Bromodichloromethane
Concen: 108.877 ug/l
RT: 9.249 min Scan# 2701
Delta R.T. -0.003 min
Lab File: VR026692.D
Acq: 4 Aug 2025 12:28

Tgt Ion: 83 Resp: 1102669
Ion Ratio Lower Upper
83 100
85 65.2 52.6 78.8
127 7.6 5.5 8.3





#47

Methyl methacrylate

Concen: 107.666 ug/l

RT: 9.034 min Scan# 2

Delta R.T. -0.000 min

Lab File: VR026692.D

Acq: 4 Aug 2025 12:28

Instrument :

MSVOA_R

ClientSampleId :

VSTDICC100

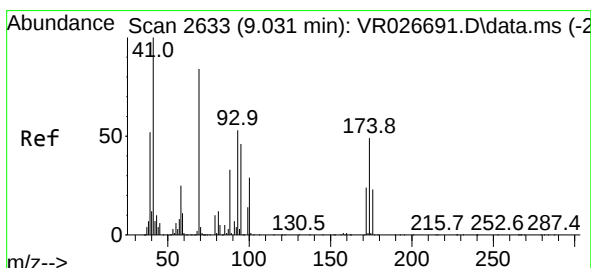
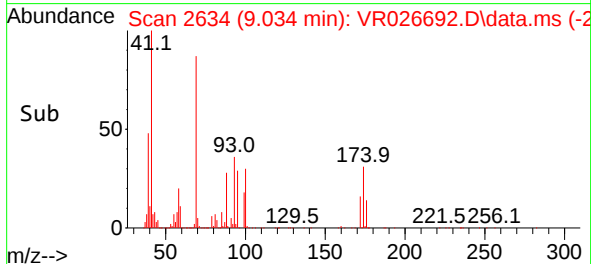
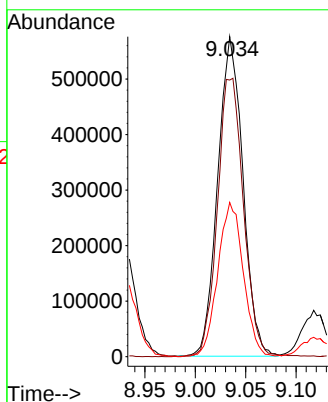
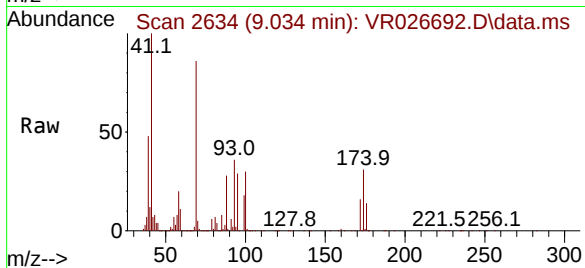
Tgt Ion: 41 Resp: 1000420

Ion Ratio Lower Upper

41 100

69 90.2 69.8 104.6

39 49.0 39.4 59.2



#48

1,4-Dioxane

Concen: 2318.811 ug/l

RT: 9.028 min Scan# 2632

Delta R.T. -0.003 min

Lab File: VR026692.D

Acq: 4 Aug 2025 12:28

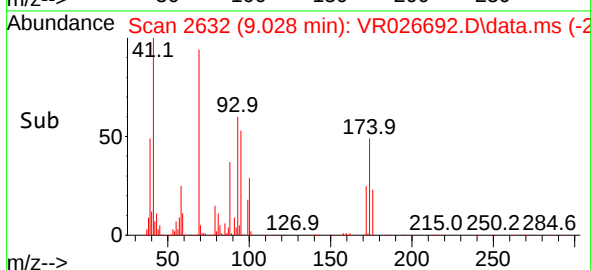
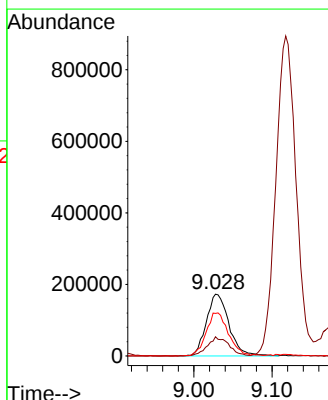
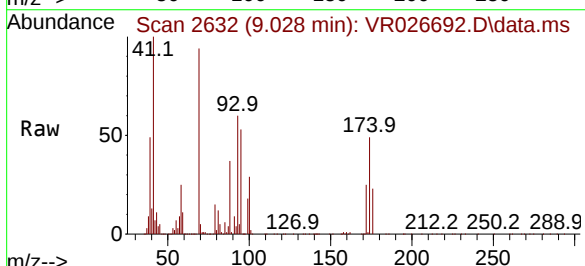
Tgt Ion: 88 Resp: 347068

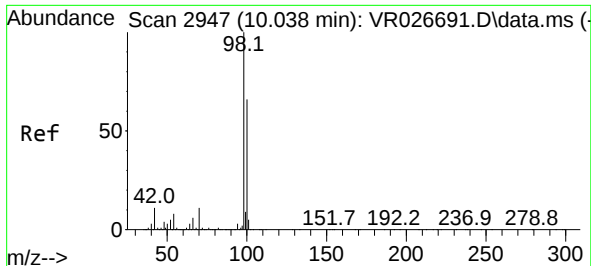
Ion Ratio Lower Upper

88 100

43 29.5 25.2 37.8

58 69.5 60.8 91.2

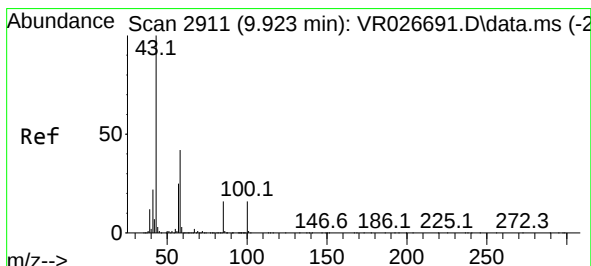
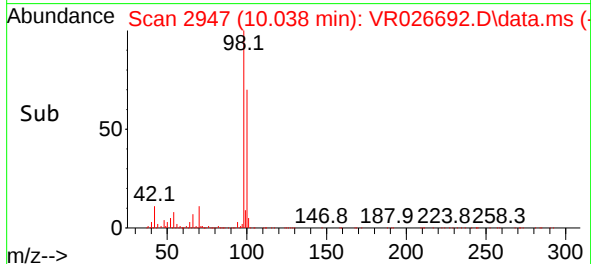
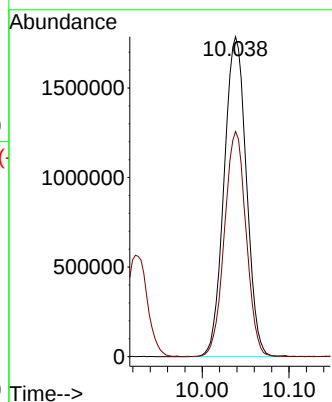
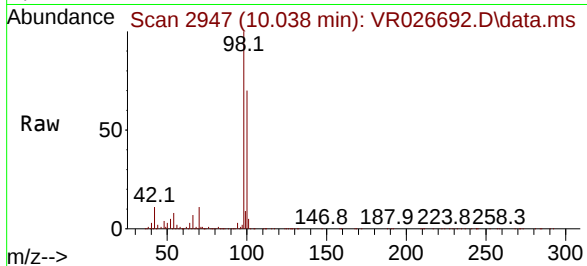




#49
Toluene-d8
Concen: 101.640 ug/l
RT: 10.038 min Scan# 2947
Delta R.T. -0.000 min
Lab File: VR026692.D
Acq: 4 Aug 2025 12:28

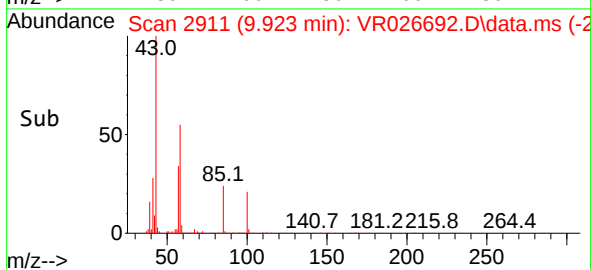
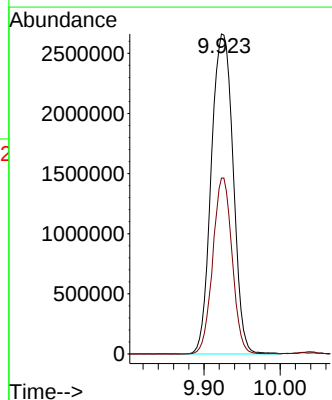
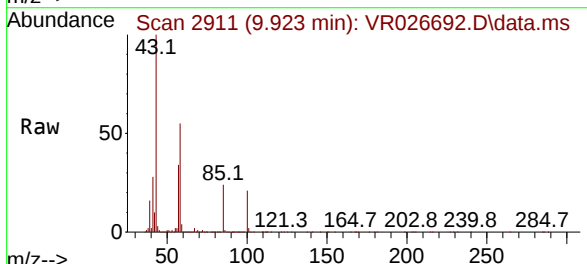
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC100

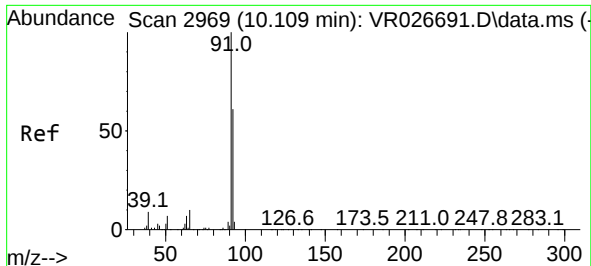
Tgt Ion: 98 Resp: 3183408
Ion Ratio Lower Upper
98 100
100 68.4 53.9 80.9



#50
4-Methyl-2-Pentanone
Concen: 478.211 ug/l
RT: 9.923 min Scan# 2911
Delta R.T. -0.000 min
Lab File: VR026692.D
Acq: 4 Aug 2025 12:28

Tgt Ion: 43 Resp: 5300376
Ion Ratio Lower Upper
43 100
58 48.6 33.7 50.5

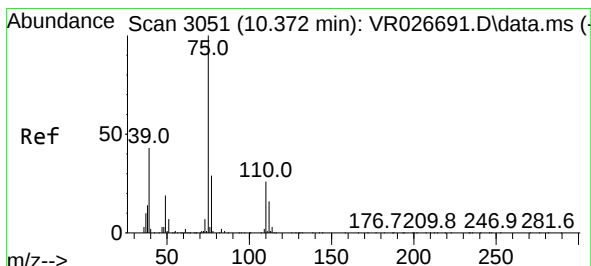
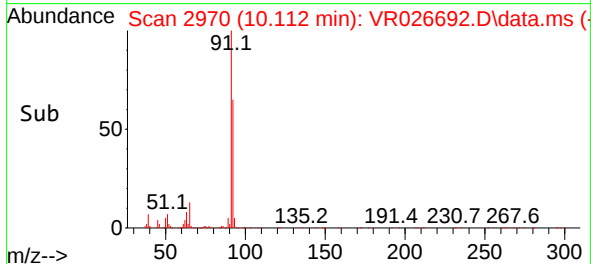
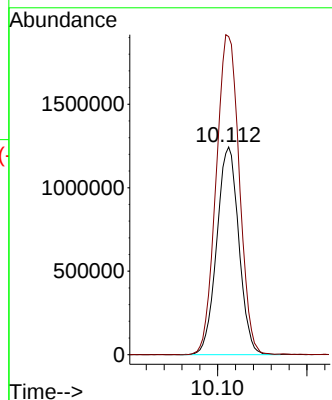
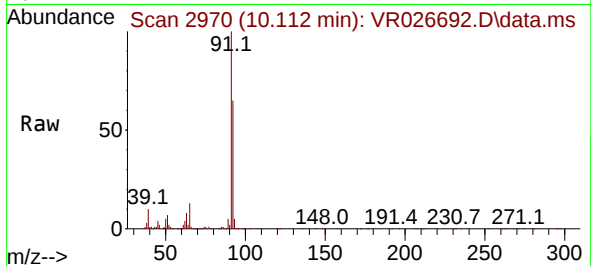




#51
Toluene
Concen: 105.270 ug/l
RT: 10.112 min Scan# 2969
Delta R.T. 0.003 min
Lab File: VR026692.D
Acq: 4 Aug 2025 12:28

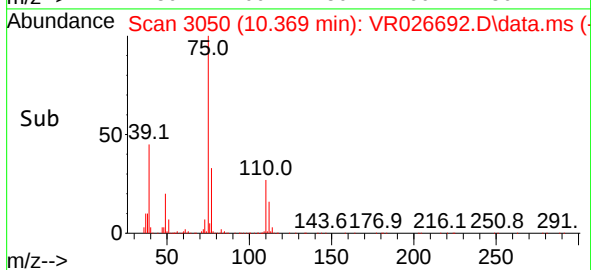
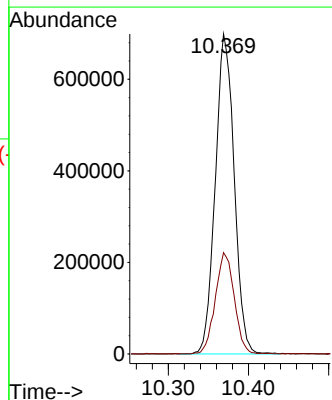
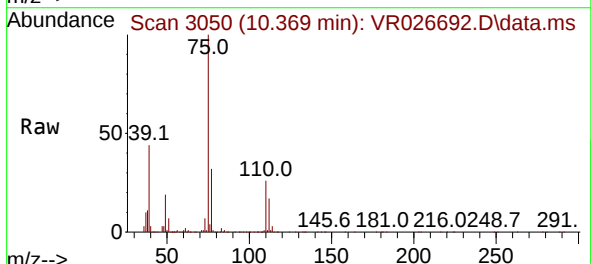
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC100

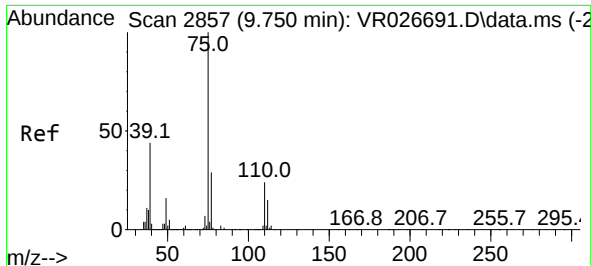
Tgt Ion: 92 Resp: 2134315
Ion Ratio Lower Upper
92 100
91 162.0 137.8 206.6



#52
t-1,3-Dichloropropene
Concen: 114.928 ug/l
RT: 10.369 min Scan# 3050
Delta R.T. -0.003 min
Lab File: VR026692.D
Acq: 4 Aug 2025 12:28

Tgt Ion: 75 Resp: 1140834
Ion Ratio Lower Upper
75 100
77 31.6 23.4 35.2

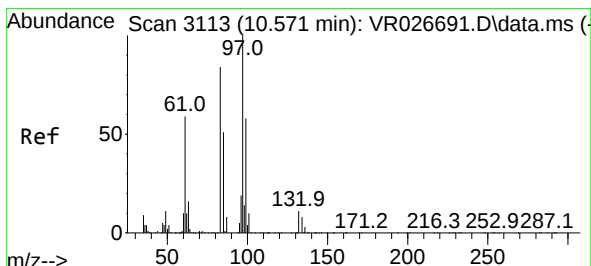
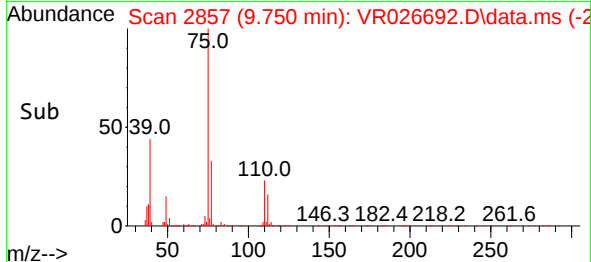
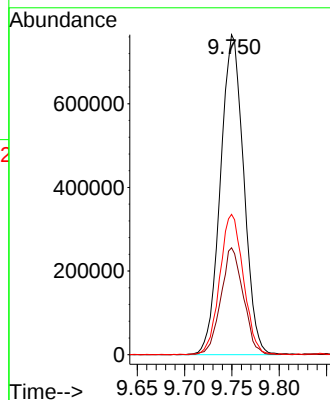
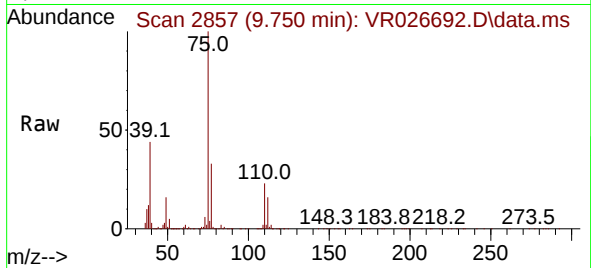




#53
cis-1,3-Dichloropropene
Concen: 109.878 ug/l
RT: 9.750 min Scan# 21
Delta R.T. -0.000 min
Lab File: VR026692.D
Acq: 4 Aug 2025 12:28

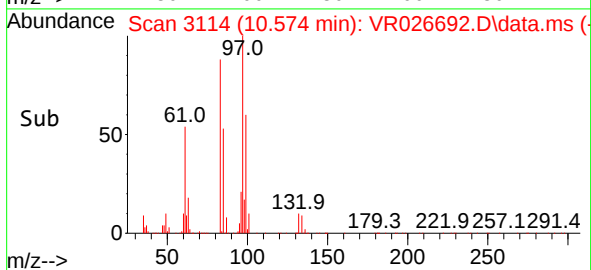
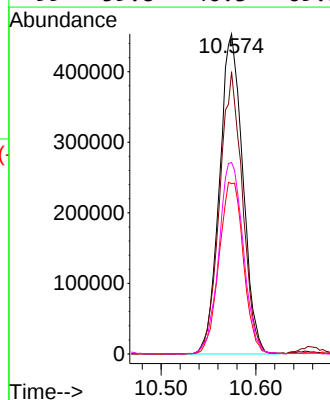
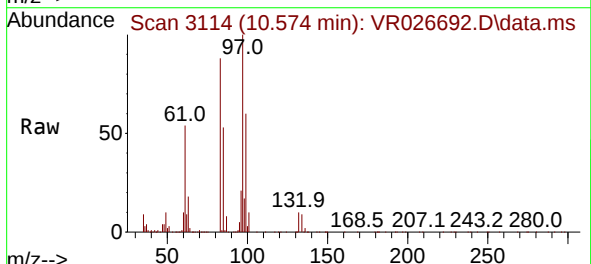
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC100

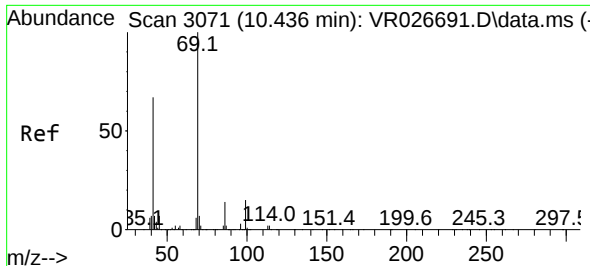
Tgt Ion: 75 Resp: 1308267
Ion Ratio Lower Upper
75 100
77 33.4 22.9 34.3
39 43.7 34.8 52.2



#54
1,1,2-Trichloroethane
Concen: 104.724 ug/l
RT: 10.574 min Scan# 3114
Delta R.T. 0.003 min
Lab File: VR026692.D
Acq: 4 Aug 2025 12:28

Tgt Ion: 97 Resp: 775417
Ion Ratio Lower Upper
97 100
83 88.2 67.4 101.2
85 53.2 40.4 60.6
99 59.8 46.3 69.5

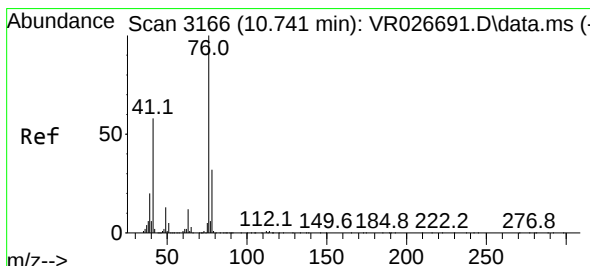
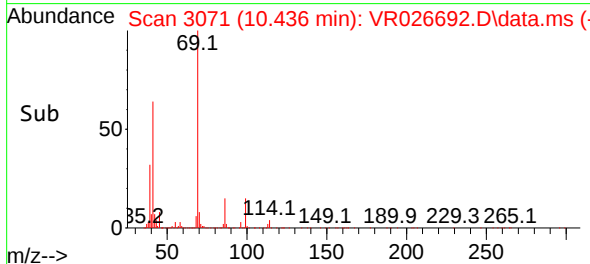
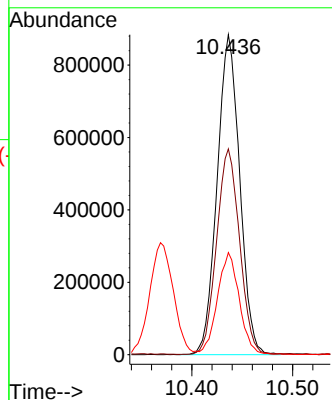
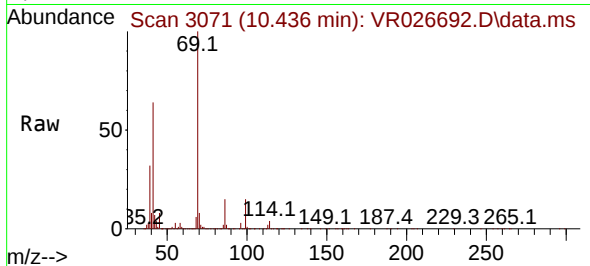




#55
Ethyl methacrylate
Concen: 112.569 ug/l
RT: 10.436 min Scan# 3071
Delta R.T. -0.000 min
Lab File: VR026692.D
Acq: 4 Aug 2025 12:28

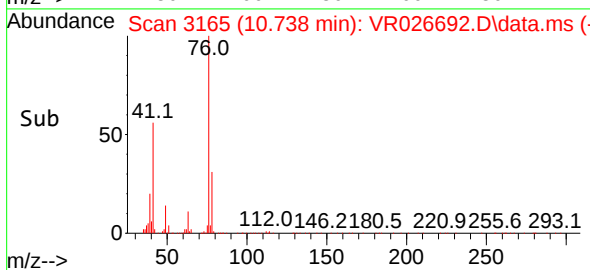
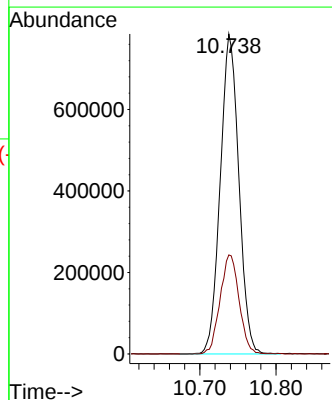
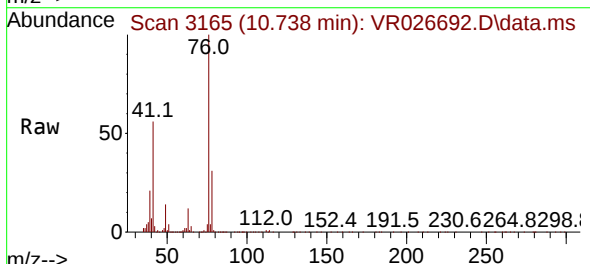
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC100

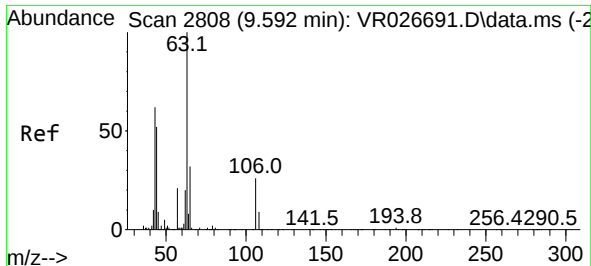
Tgt Ion: 69 Resp: 1376469
Ion Ratio Lower Upper
69 100
41 65.4 51.5 77.3
39 30.6 24.7 37.1



#56
1,3-Dichloropropane
Concen: 105.294 ug/l
RT: 10.738 min Scan# 3165
Delta R.T. -0.003 min
Lab File: VR026692.D
Acq: 4 Aug 2025 12:28

Tgt Ion: 76 Resp: 1327972
Ion Ratio Lower Upper
76 100
78 31.6 25.8 38.6

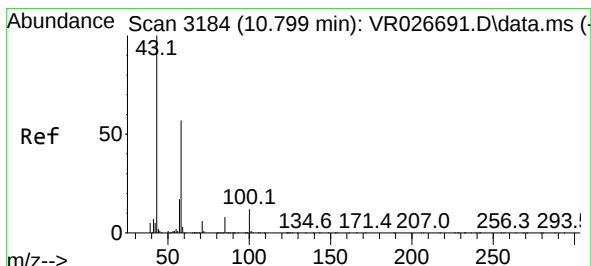
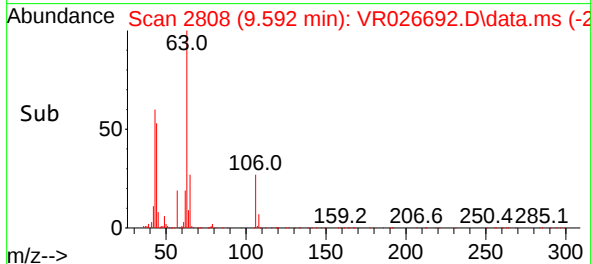
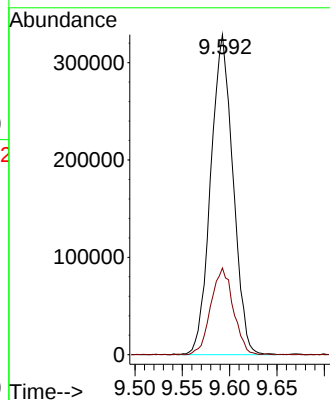
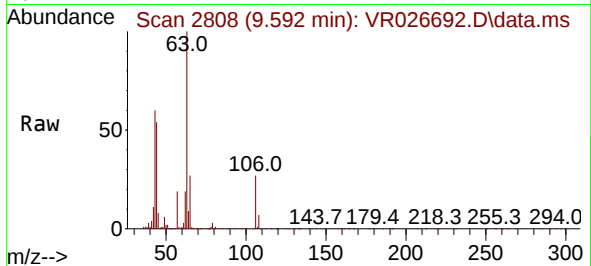




#57
2-Chloroethyl Vinyl ether
Concen: 796.365 ug/l
RT: 9.592 min Scan# 2808
Delta R.T. -0.000 min
Lab File: VR026692.D
Acq: 4 Aug 2025 12:28

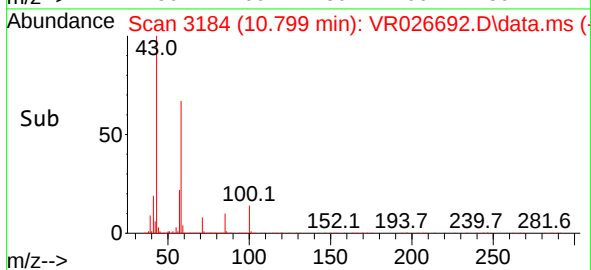
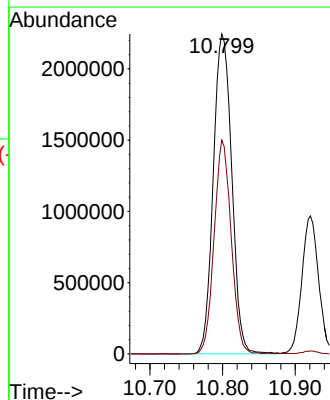
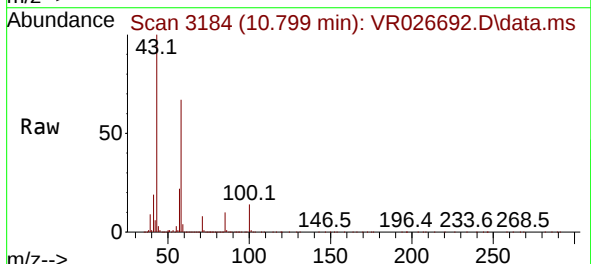
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC100

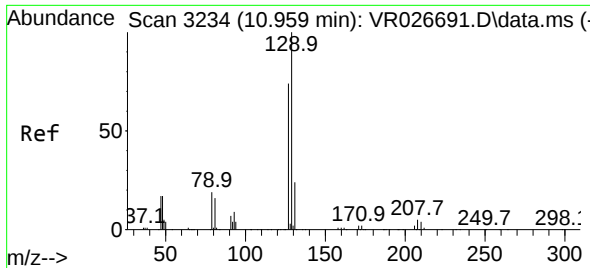
Tgt Ion: 63 Resp: 538132
Ion Ratio Lower Upper
63 100
106 27.2 22.5 33.7



#58
2-Hexanone
Concen: 530.267 ug/l
RT: 10.799 min Scan# 3184
Delta R.T. -0.000 min
Lab File: VR026692.D
Acq: 4 Aug 2025 12:28

Tgt Ion: 43 Resp: 3962170
Ion Ratio Lower Upper
43 100
58 61.8 28.8 86.4

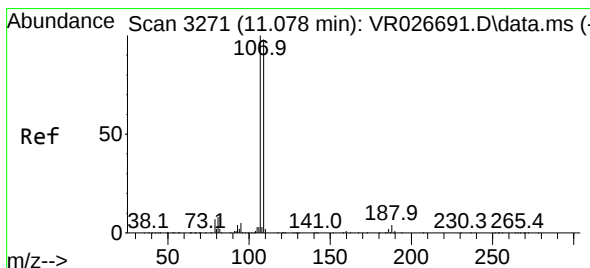
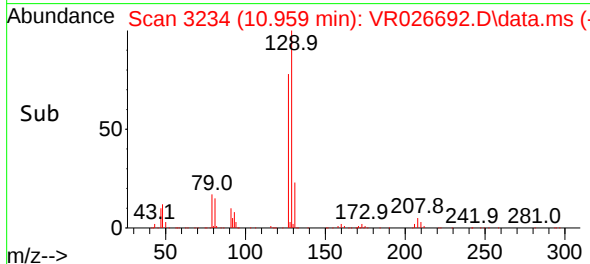
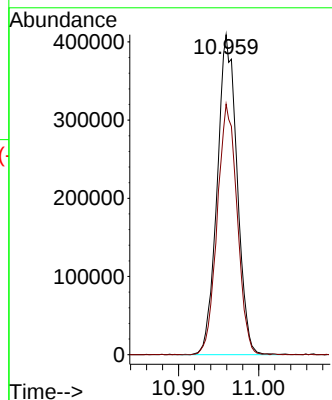
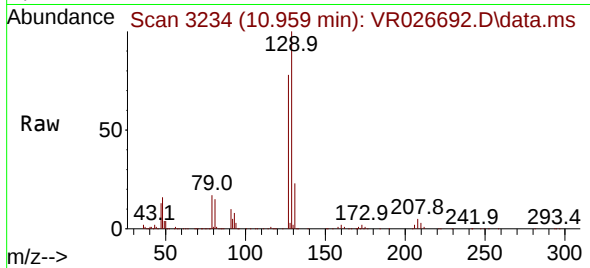




#59
Dibromochloromethane
Concen: 112.355 ug/l
RT: 10.959 min Scan# 31
Delta R.T. -0.000 min
Lab File: VR026692.D
Acq: 4 Aug 2025 12:28

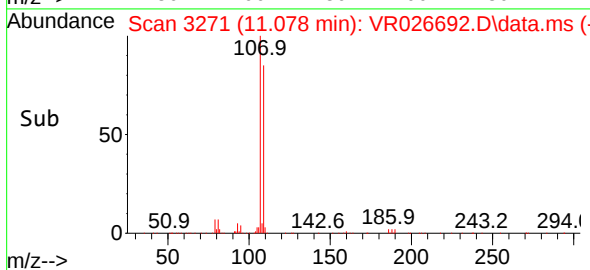
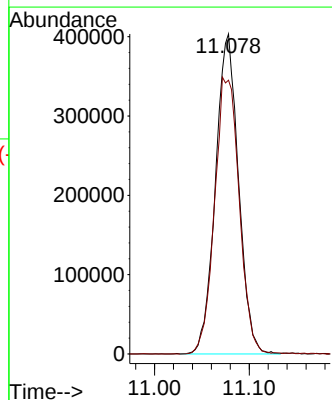
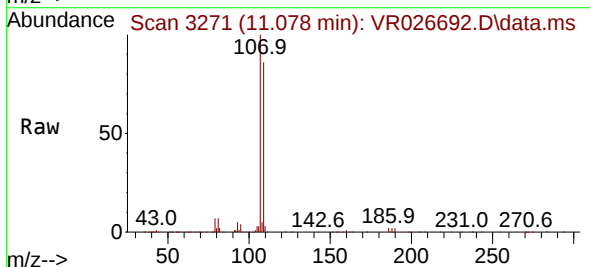
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC100

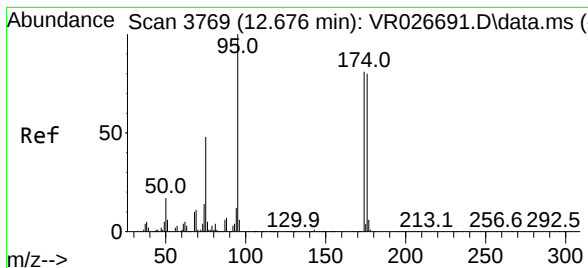
Tgt Ion:129 Resp: 704057
Ion Ratio Lower Upper
129 100
127 78.3 38.9 116.6



#60
1,2-Dibromoethane
Concen: 106.779 ug/l
RT: 11.078 min Scan# 3271
Delta R.T. -0.000 min
Lab File: VR026692.D
Acq: 4 Aug 2025 12:28

Tgt Ion:107 Resp: 680467
Ion Ratio Lower Upper
107 100
109 92.7 75.9 113.9

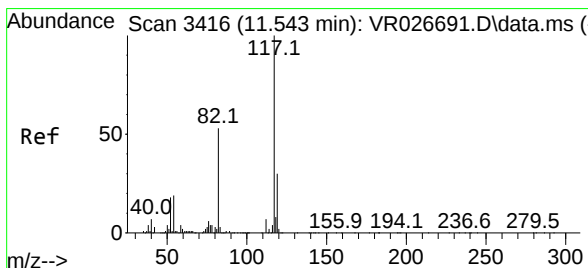
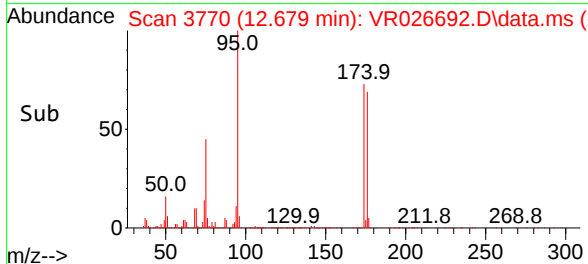
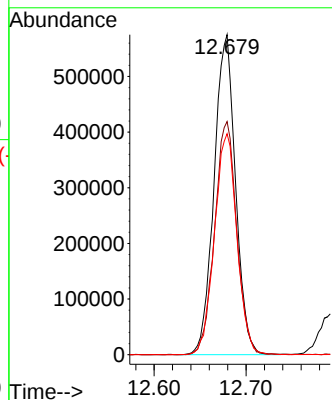
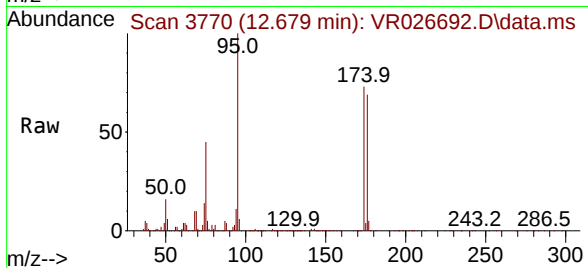




#61
4-Bromofluorobenzene
Concen: 104.646 ug/l
RT: 12.679 min Scan# 31
Delta R.T. 0.003 min
Lab File: VR026692.D
Acq: 4 Aug 2025 12:28

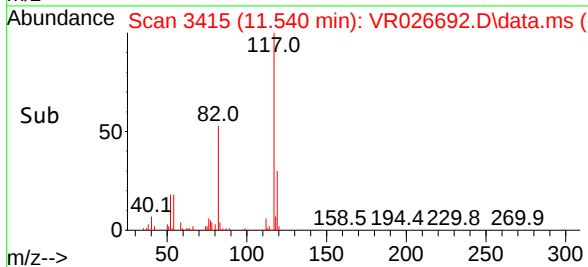
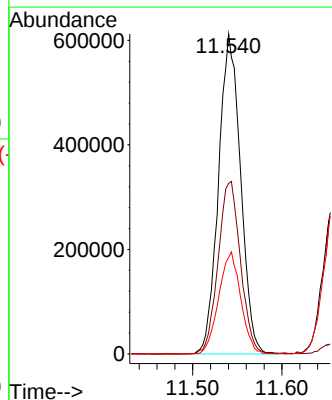
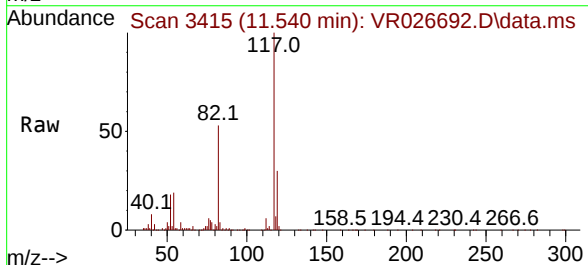
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC100

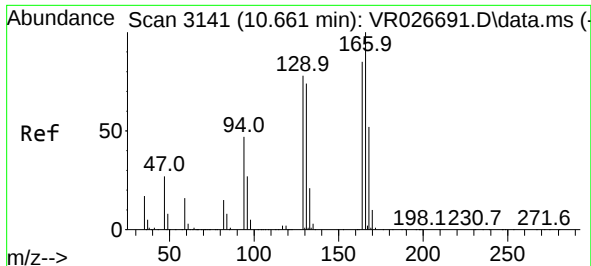
Tgt Ion: 95 Resp: 932225
Ion Ratio Lower Upper
95 100
174 75.1 0.0 158.4
176 72.2 0.0 149.0



#62
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.540 min Scan# 3415
Delta R.T. -0.003 min
Lab File: VR026692.D
Acq: 4 Aug 2025 12:28

Tgt Ion: 117 Resp: 1050758
Ion Ratio Lower Upper
117 100
82 53.2 42.0 63.0
119 30.2 23.9 35.9

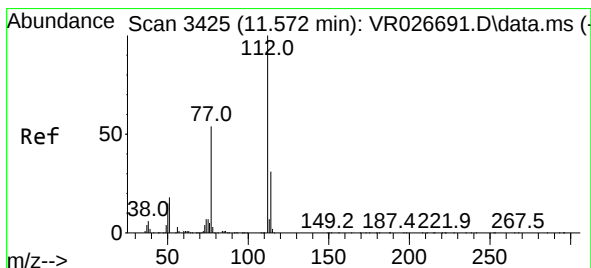
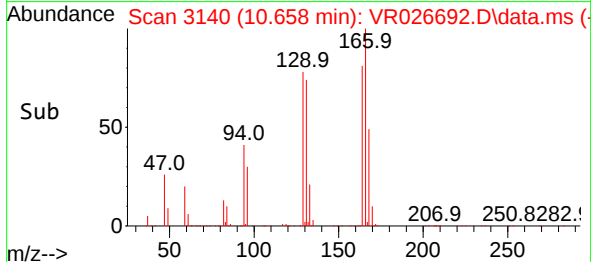
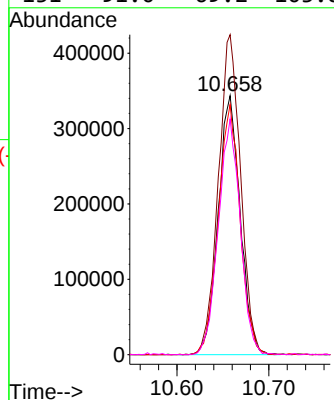
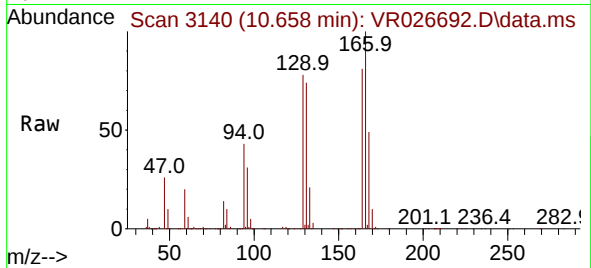




#63
Tetrachloroethene
Concen: 99.733 ug/l
RT: 10.658 min Scan# 3140
Delta R.T. -0.003 min
Lab File: VR026692.D
Acq: 4 Aug 2025 12:28

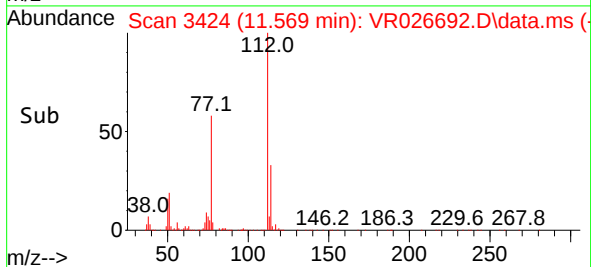
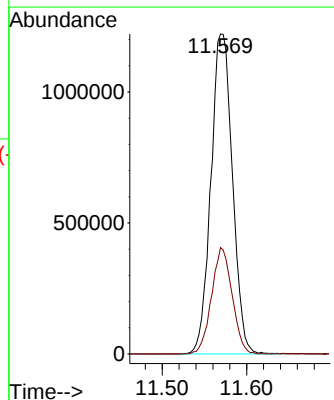
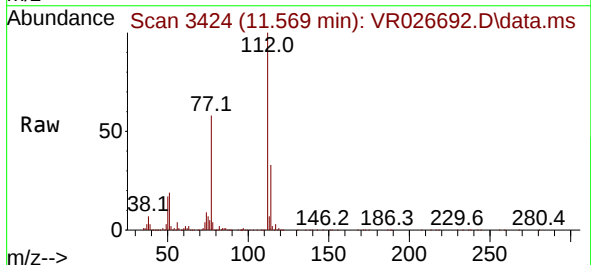
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC100

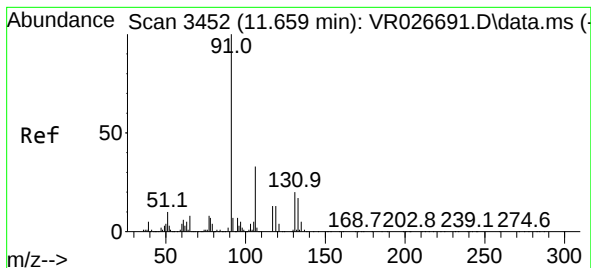
Tgt Ion:164 Resp: 572480
Ion Ratio Lower Upper
164 100
166 123.4 93.7 140.5
129 96.5 73.4 110.2
131 91.0 69.2 103.8



#64
Chlorobenzene
Concen: 99.119 ug/l
RT: 11.569 min Scan# 3424
Delta R.T. -0.003 min
Lab File: VR026692.D
Acq: 4 Aug 2025 12:28

Tgt Ion:112 Resp: 2167542
Ion Ratio Lower Upper
112 100
114 33.2 25.0 37.6

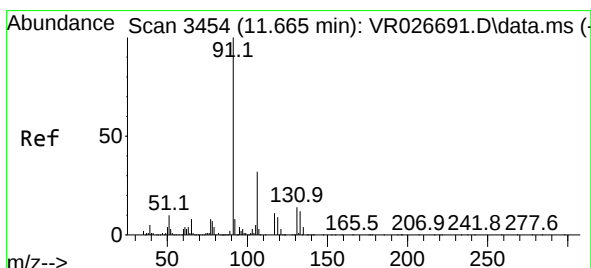
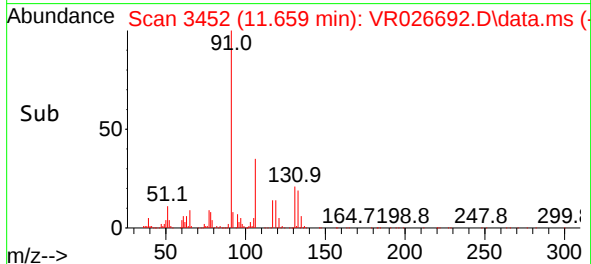
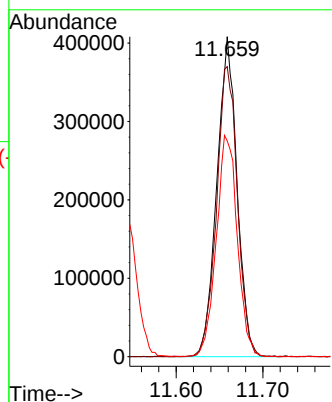
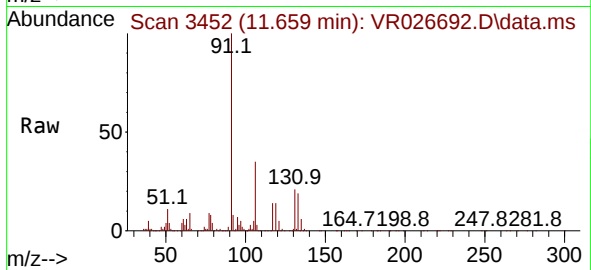




#65
1,1,1,2-Tetrachloroethane
Concen: 110.133 ug/l
RT: 11.659 min Scan# 3452
Delta R.T. -0.000 min
Lab File: VR026692.D
Acq: 4 Aug 2025 12:28

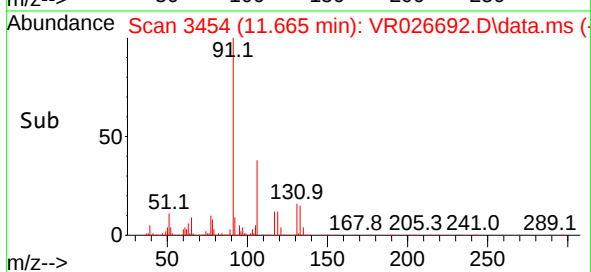
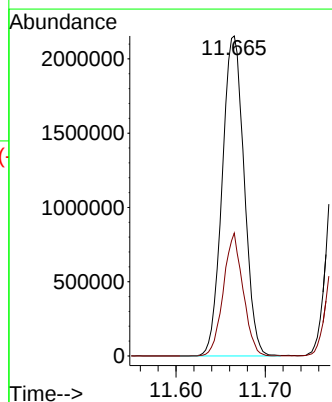
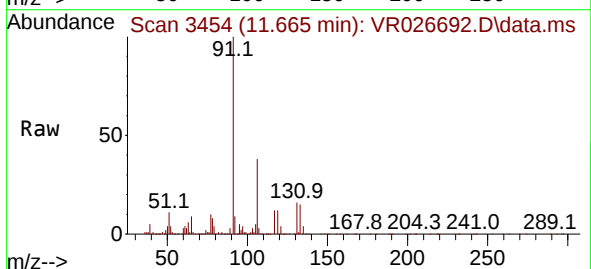
Instrument :
MSVOA_R
ClientSampleId :
VSTDICC100

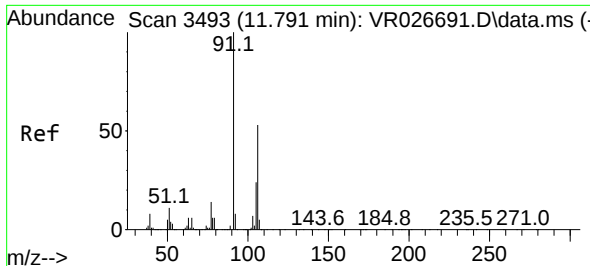
Tgt Ion:131 Resp: 657811
Ion Ratio Lower Upper
131 100
133 94.3 46.2 138.5
119 72.4 35.7 107.1



#66
Ethyl Benzene
Concen: 100.812 ug/l
RT: 11.665 min Scan# 3454
Delta R.T. -0.000 min
Lab File: VR026692.D
Acq: 4 Aug 2025 12:28

Tgt Ion: 91 Resp: 3681035
Ion Ratio Lower Upper
91 100
106 38.4 25.4 38.0#

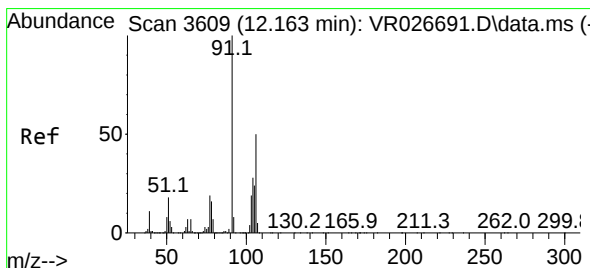
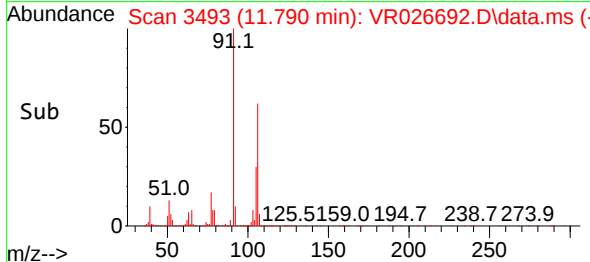
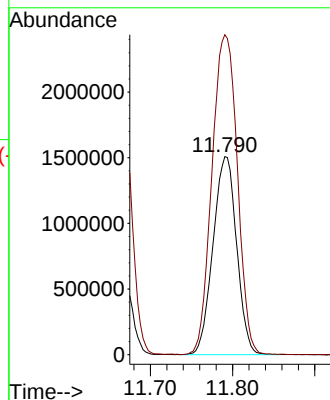
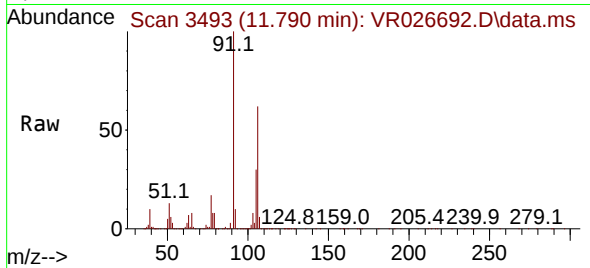




#67
m/p-Xylenes
Concen: 205.977 ug/l
RT: 11.790 min Scan# 3493
Delta R.T. -0.000 min
Lab File: VR026692.D
Acq: 4 Aug 2025 12:28

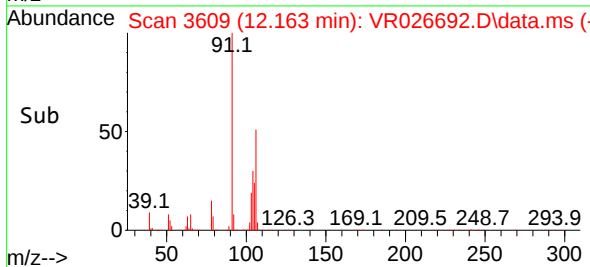
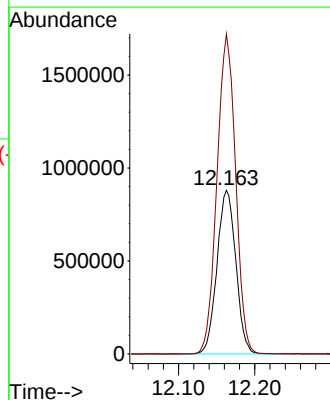
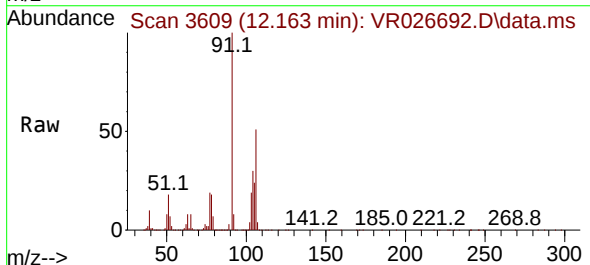
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC100

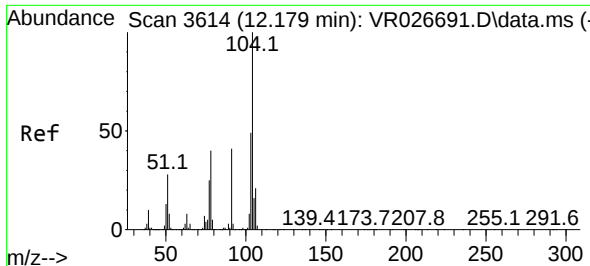
Tgt Ion:106 Resp: 3004787
Ion Ratio Lower Upper
106 100
91 173.7 146.8 220.2



#68
o-Xylene
Concen: 106.683 ug/l
RT: 12.163 min Scan# 3609
Delta R.T. -0.000 min
Lab File: VR026692.D
Acq: 4 Aug 2025 12:28

Tgt Ion:106 Resp: 1510725
Ion Ratio Lower Upper
106 100
91 193.7 97.9 293.6

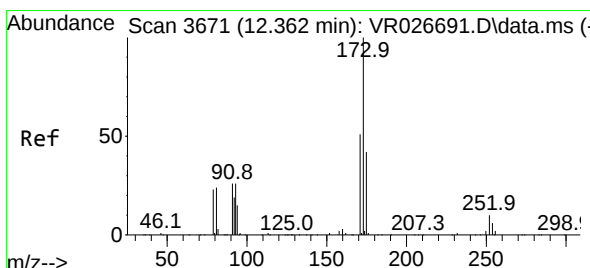
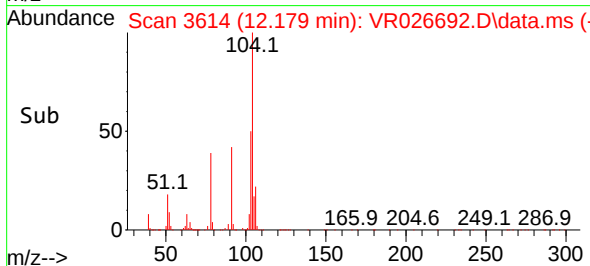
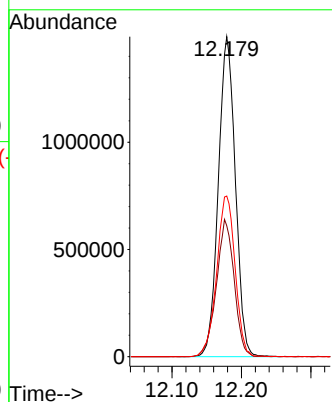
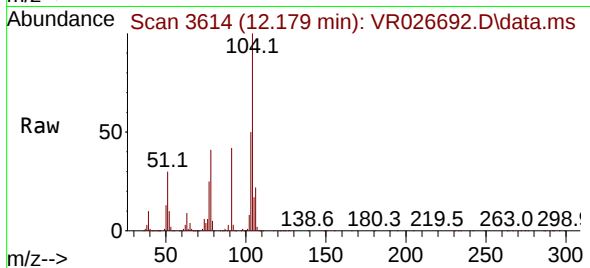




#69
Styrene
Concen: 107.508 ug/l
RT: 12.179 min Scan# 3614
Delta R.T. -0.000 min
Lab File: VR026692.D
Acq: 4 Aug 2025 12:28

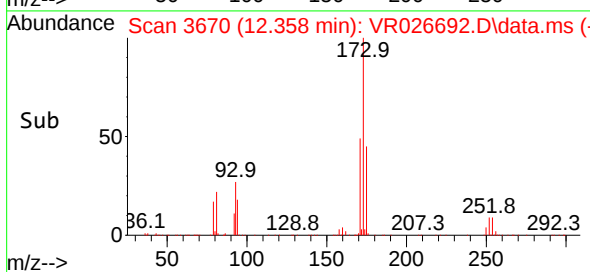
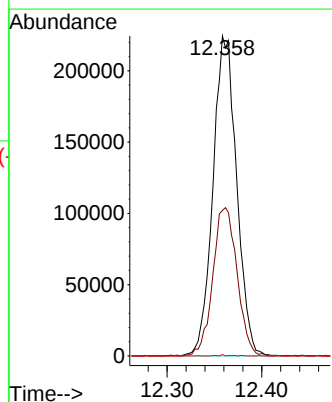
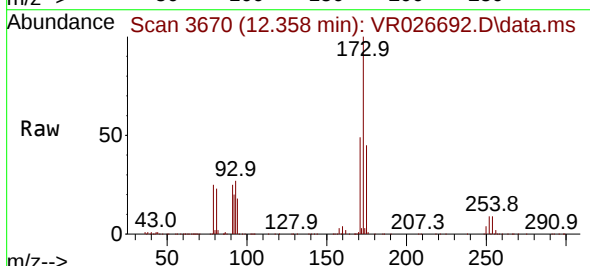
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC100

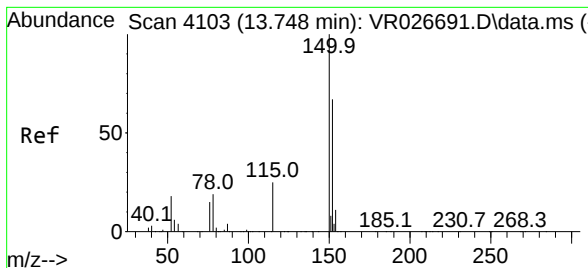
Tgt Ion:104 Resp: 2544062
Ion Ratio Lower Upper
104 100
78 44.7 34.5 51.7
103 54.5 43.2 64.8



#70
Bromoform
Concen: 115.295 ug/l
RT: 12.358 min Scan# 3670
Delta R.T. -0.003 min
Lab File: VR026692.D
Acq: 4 Aug 2025 12:28

Tgt Ion:173 Resp: 389740
Ion Ratio Lower Upper
173 100
175 47.5 23.6 71.0
254 0.1 0.1 0.1

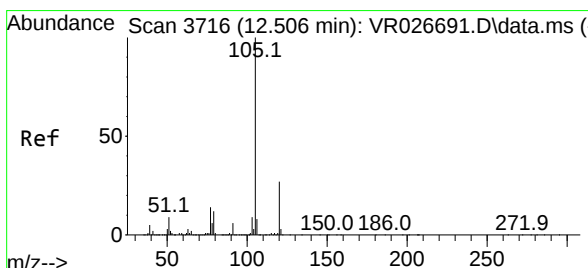
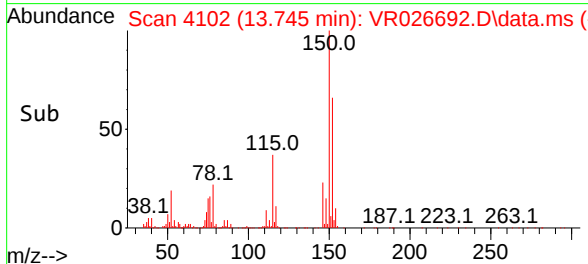
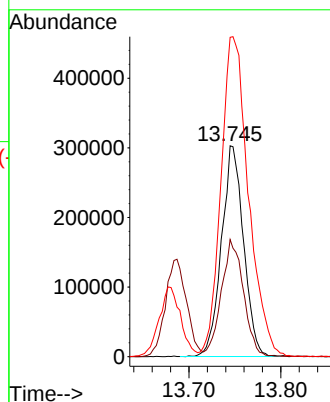
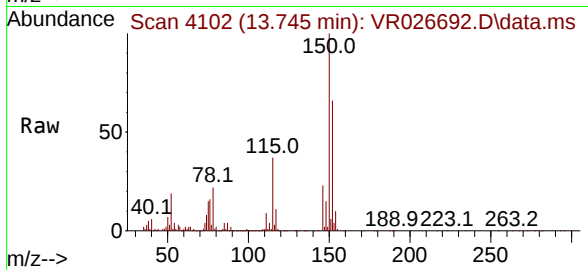




#71
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.745 min Scan# 4103
Delta R.T. -0.003 min
Lab File: VR026692.D
Acq: 4 Aug 2025 12:28

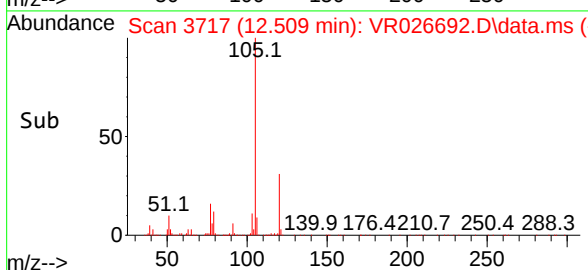
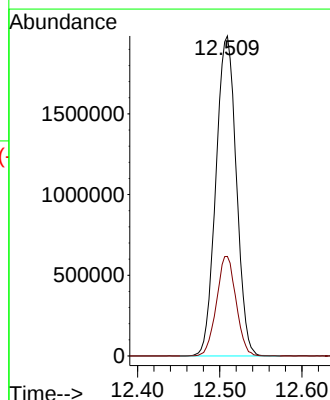
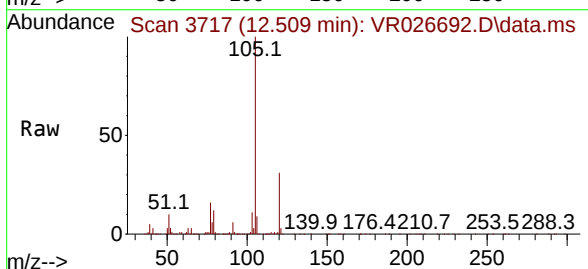
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC100

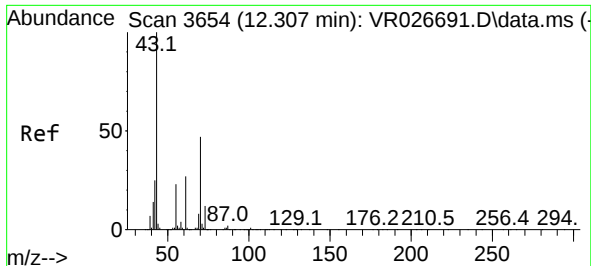
Tgt Ion:152 Resp: 504720
Ion Ratio Lower Upper
152 100
115 55.7 27.8 83.4
150 189.6 0.0 350.4



#72
Isopropylbenzene
Concen: 95.212 ug/l
RT: 12.509 min Scan# 3717
Delta R.T. 0.003 min
Lab File: VR026692.D
Acq: 4 Aug 2025 12:28

Tgt Ion:105 Resp: 3425131
Ion Ratio Lower Upper
105 100
120 29.8 14.2 42.8



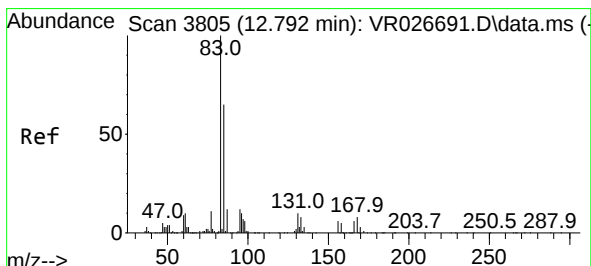
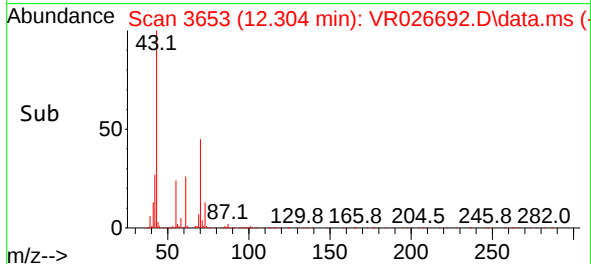
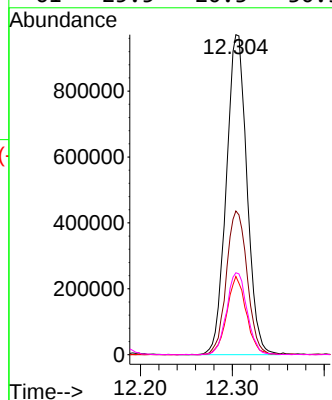
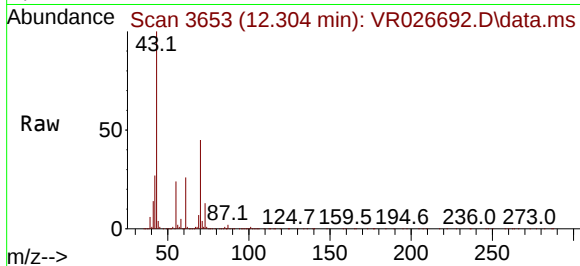


#73
N-amy1 acetate
Concen: 106.195 ug/l
RT: 12.304 min Scan# 30
Delta R.T. -0.003 min
Lab File: VR026692.D
Acq: 4 Aug 2025 12:28

Instrument :
MSVOA_R
ClientSampleId :
VSTDIC100

Tgt Ion: 43 Resp: 1514717

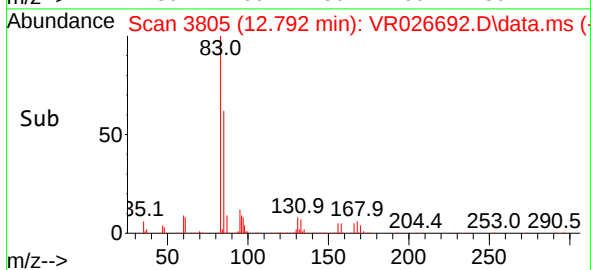
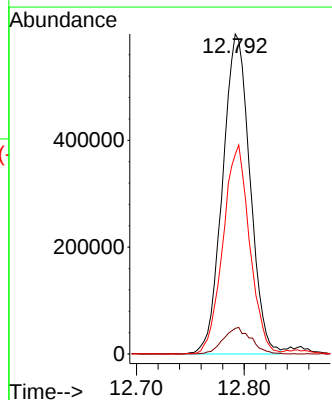
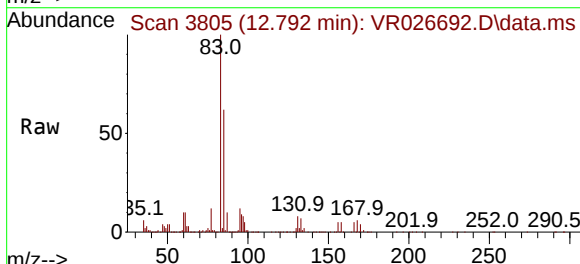
Ion	Ratio	Lower	Upper
43	100		
70	45.4	36.4	54.6
55	23.1	18.7	28.1
61	25.5	20.3	30.5

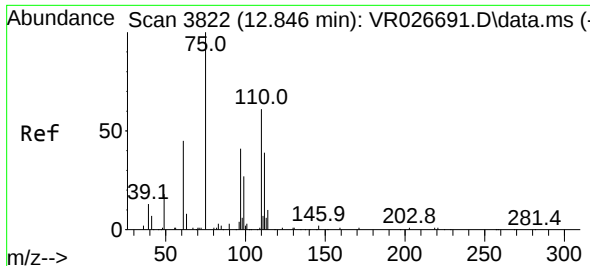


#74
1,1,2,2-Tetrachloroethane
Concen: 100.032 ug/l
RT: 12.792 min Scan# 3805
Delta R.T. -0.000 min
Lab File: VR026692.D
Acq: 4 Aug 2025 12:28

Tgt Ion: 83 Resp: 1055818

Ion	Ratio	Lower	Upper
83	100		
131	8.4	4.2	12.4
85	63.7	32.3	96.8

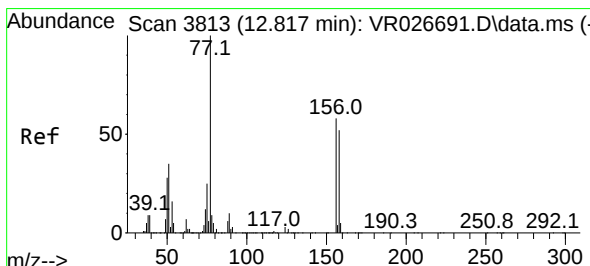
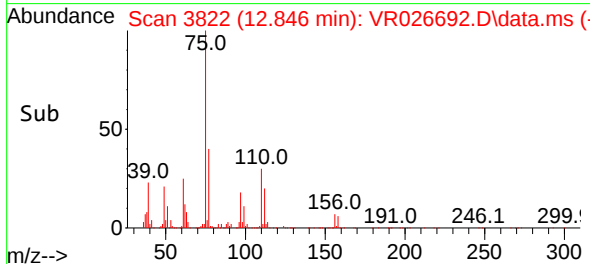
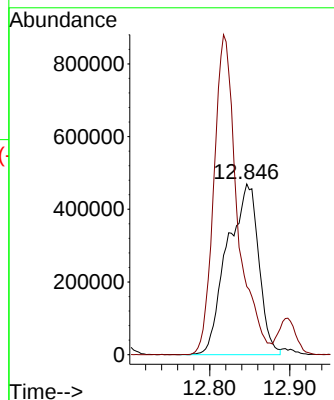
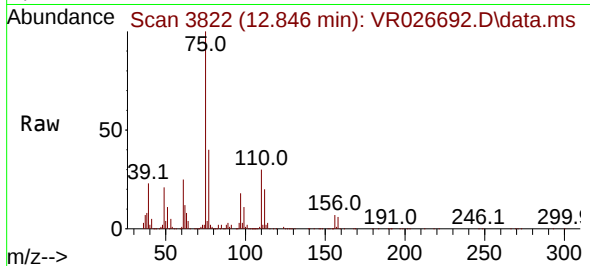




#75
1,2,3-Trichloropropane
Concen: 151.730 ug/l
RT: 12.846 min Scan# 3822
Delta R.T. -0.000 min
Lab File: VR026692.D
Acq: 4 Aug 2025 12:28

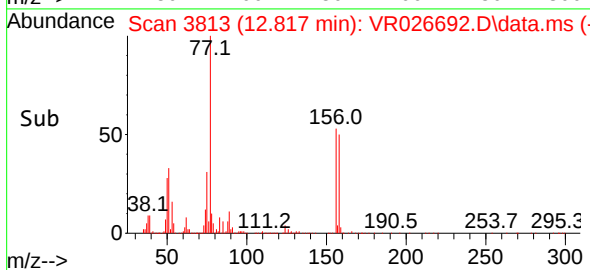
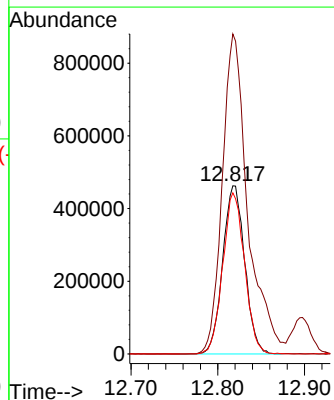
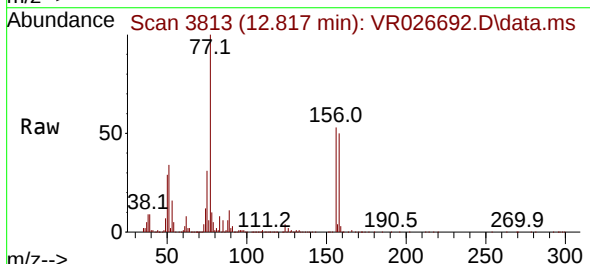
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC100

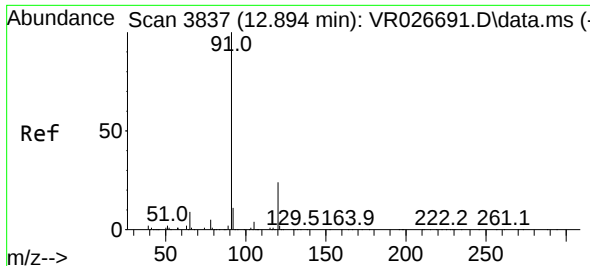
Tgt Ion: 75 Resp: 1283115
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#76
Bromobenzene
Concen: 97.836 ug/l
RT: 12.817 min Scan# 3813
Delta R.T. -0.000 min
Lab File: VR026692.D
Acq: 4 Aug 2025 12:28

Tgt Ion:156 Resp: 814497
Ion Ratio Lower Upper
156 100
77 220.7 105.5 316.4
158 95.0 46.4 139.1

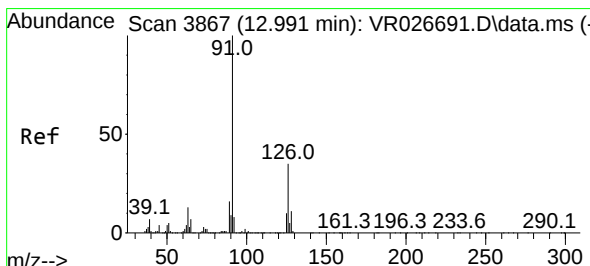
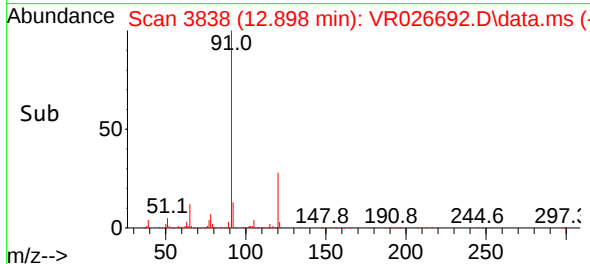
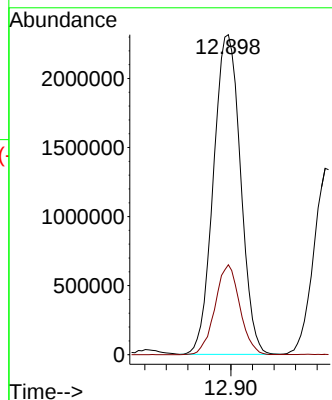
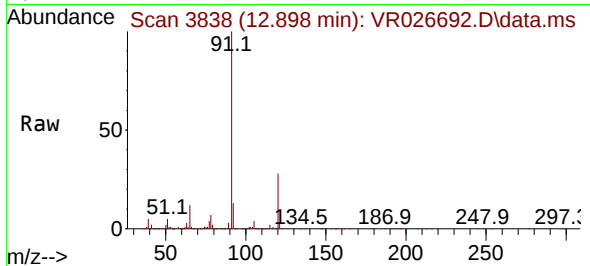




#77
n-propylbenzene
Concen: 94.312 ug/l
RT: 12.898 min Scan# 3837
Delta R.T. 0.003 min
Lab File: VR026692.D
Acq: 4 Aug 2025 12:28

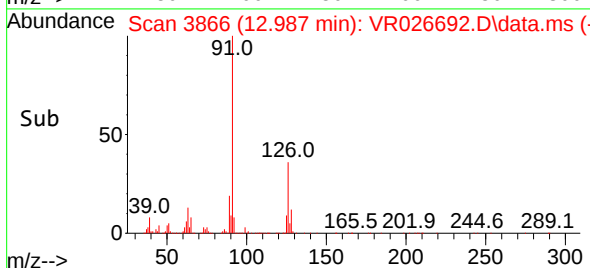
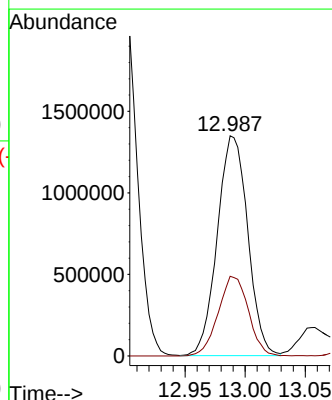
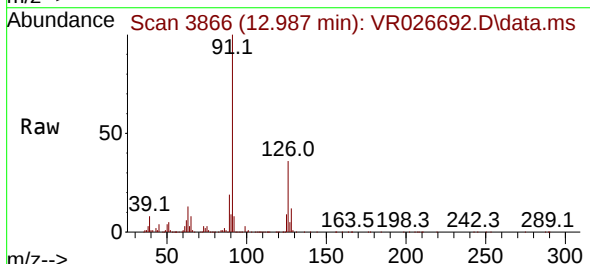
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC100

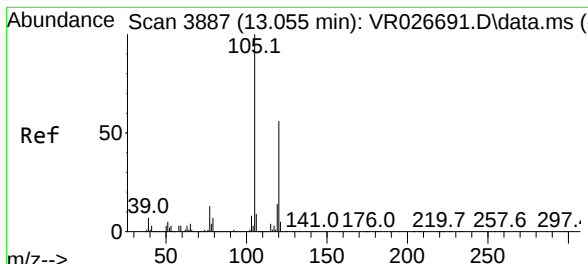
Tgt Ion: 91 Resp: 4047792
Ion Ratio Lower Upper
91 100
120 25.7 11.9 35.9



#78
2-Chlorotoluene
Concen: 97.615 ug/l
RT: 12.987 min Scan# 3866
Delta R.T. -0.003 min
Lab File: VR026692.D
Acq: 4 Aug 2025 12:28

Tgt Ion: 91 Resp: 2376999
Ion Ratio Lower Upper
91 100
126 35.9 17.5 52.6

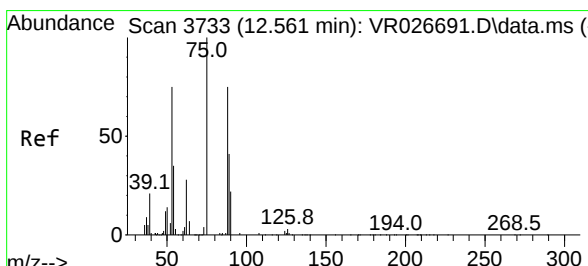
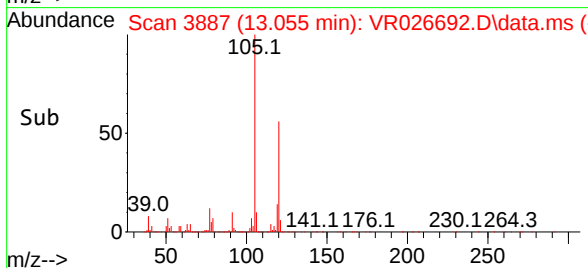
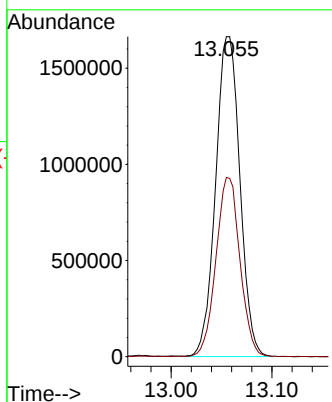
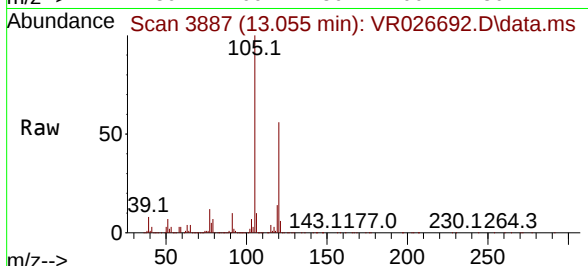




#79
 1,3,5-Trimethylbenzene
 Concen: 99.142 ug/l
 RT: 13.055 min Scan# 3887
 Delta R.T. -0.000 min
 Lab File: VR026692.D
 Acq: 4 Aug 2025 12:28

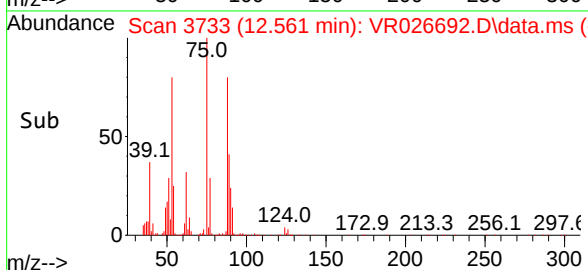
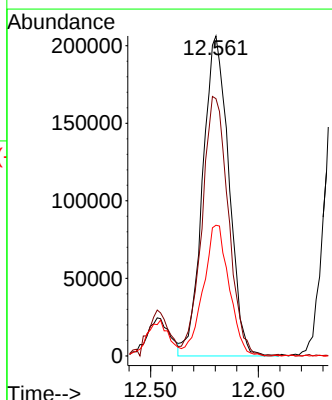
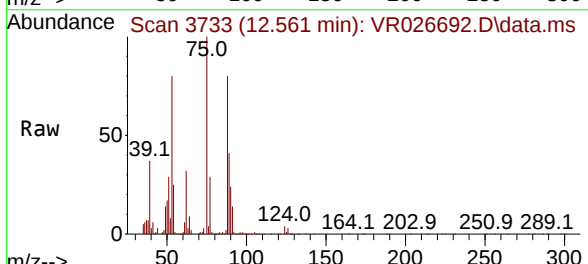
Instrument : MSVOA_R
 ClientSampleId : VSTDIC100

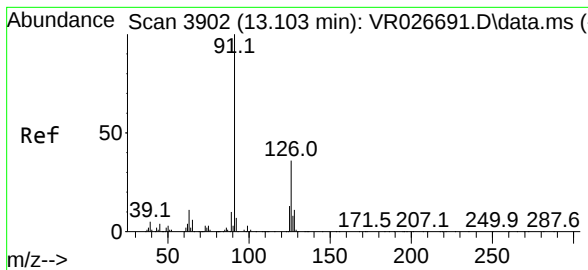
Tgt Ion:105 Resp: 2788972
 Ion Ratio Lower Upper
 105 100
 120 55.3 26.6 79.7



#80
 trans-1,4-Dichloro-2-butene
 Concen: 120.937 ug/l
 RT: 12.561 min Scan# 3733
 Delta R.T. -0.000 min
 Lab File: VR026692.D
 Acq: 4 Aug 2025 12:28

Tgt Ion: 75 Resp: 347391
 Ion Ratio Lower Upper
 75 100
 53 82.0 67.8 101.6
 89 40.6 34.6 52.0

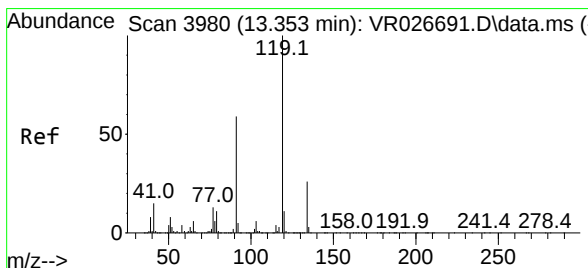
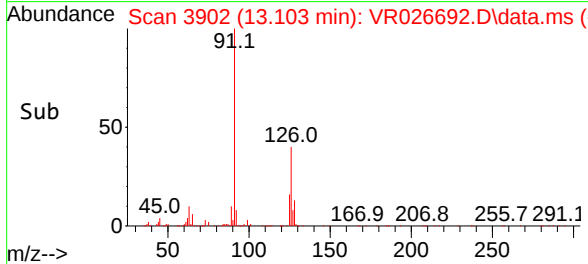
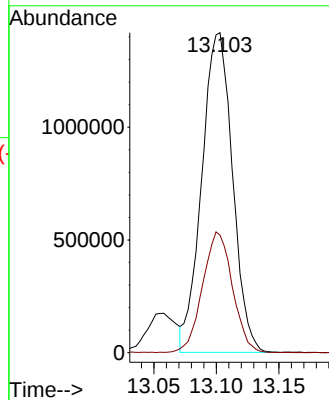
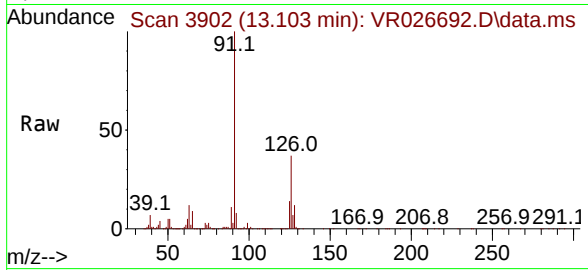




#81
4-Chlorotoluene
Concen: 97.726 ug/l
RT: 13.103 min Scan# 3902
Delta R.T. -0.000 min
Lab File: VR026692.D
Acq: 4 Aug 2025 12:28

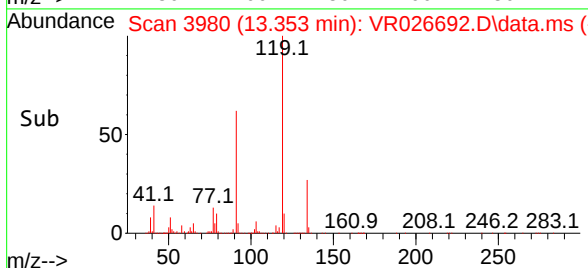
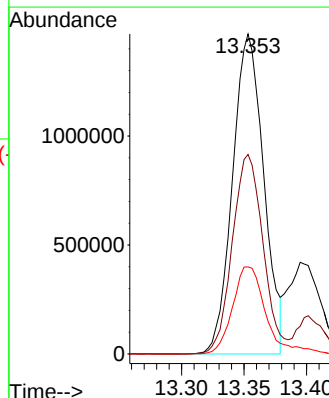
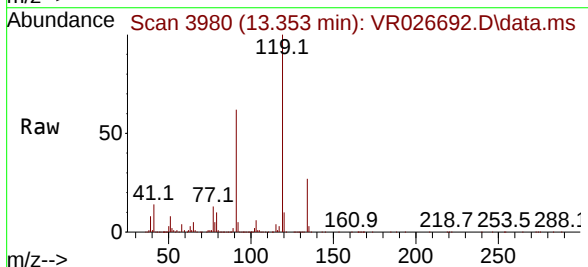
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC100

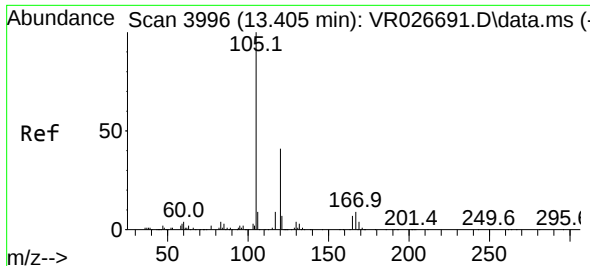
Tgt Ion: 91 Resp: 2430985
Ion Ratio Lower Upper
91 100
126 36.6 17.8 53.3



#82
tert-Butylbenzene
Concen: 99.376 ug/l
RT: 13.353 min Scan# 3980
Delta R.T. -0.000 min
Lab File: VR026692.D
Acq: 4 Aug 2025 12:28

Tgt Ion: 119 Resp: 2542752
Ion Ratio Lower Upper
119 100
91 61.8 29.9 89.7
134 29.2 13.5 40.4

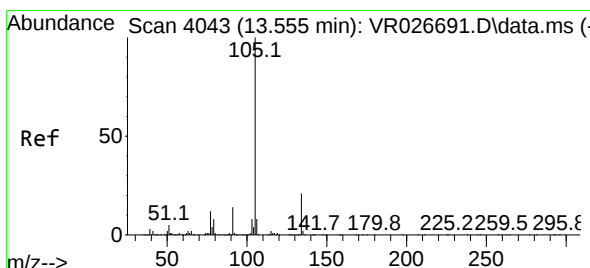
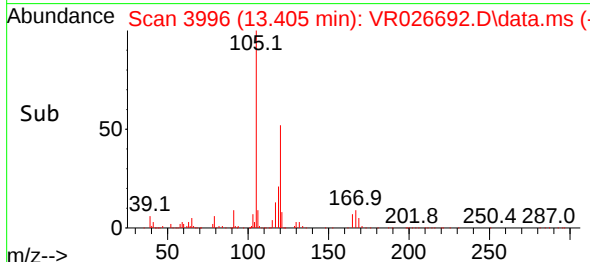
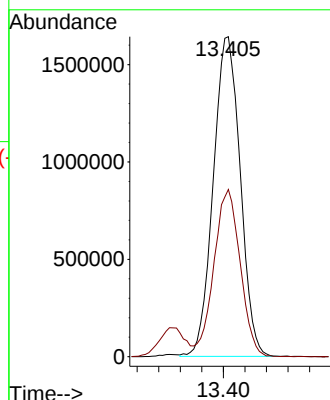
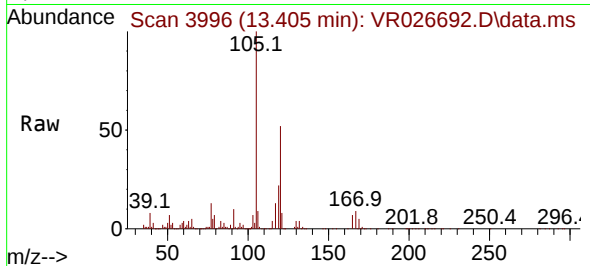




#83
1,2,4-Trimethylbenzene
Concen: 102.383 ug/l
RT: 13.405 min Scan# 3996
Delta R.T. -0.000 min
Lab File: VR026692.D
Acq: 4 Aug 2025 12:28

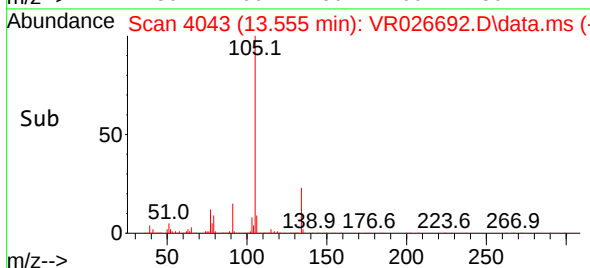
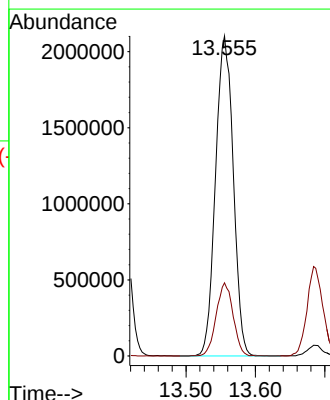
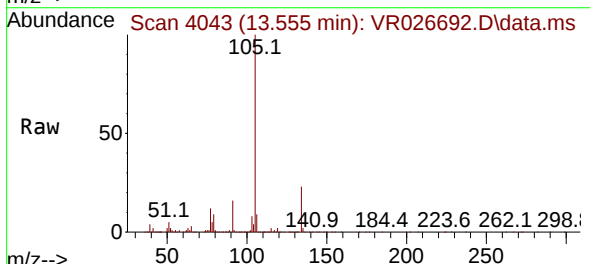
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC100

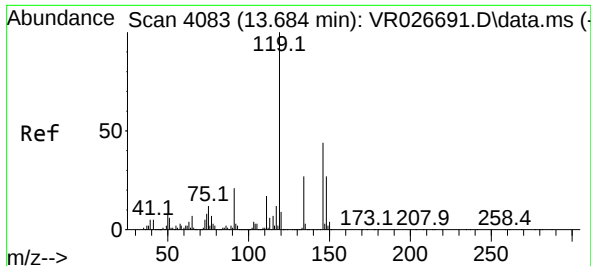
Tgt Ion:105 Resp: 2850967
Ion Ratio Lower Upper
105 100
120 51.0 25.0 75.0



#84
sec-Butylbenzene
Concen: 98.147 ug/l
RT: 13.555 min Scan# 4043
Delta R.T. -0.000 min
Lab File: VR026692.D
Acq: 4 Aug 2025 12:28

Tgt Ion:105 Resp: 3724301
Ion Ratio Lower Upper
105 100
134 21.8 10.4 31.1

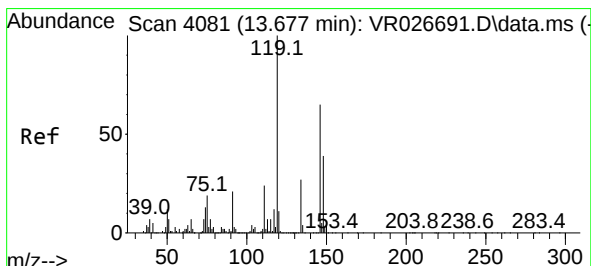
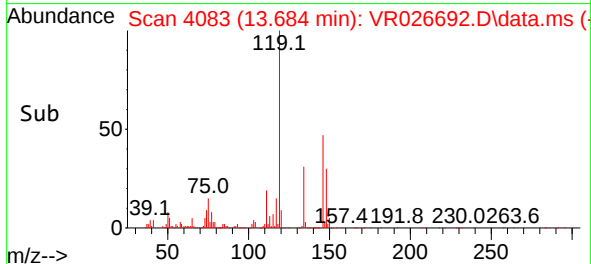
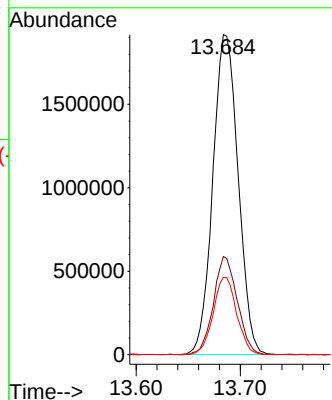
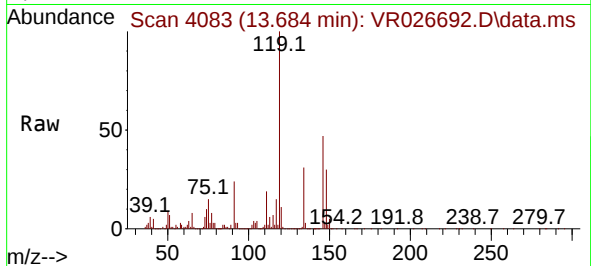




#85
 p-Isopropyltoluene
 Concen: 104.574 ug/l
 RT: 13.684 min Scan# 4083
 Delta R.T. -0.000 min
 Lab File: VR026692.D
 Acq: 4 Aug 2025 12:28

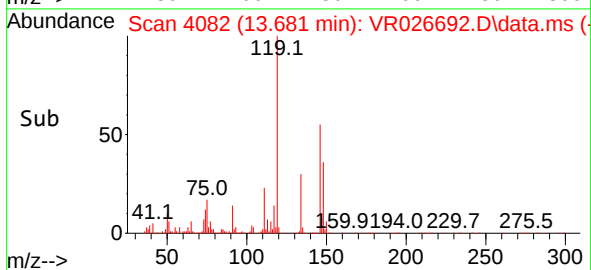
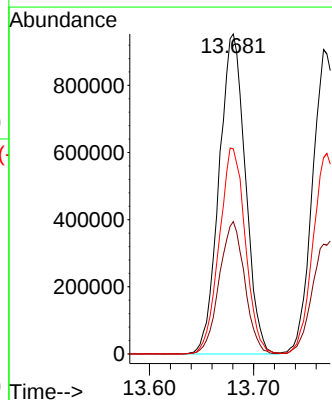
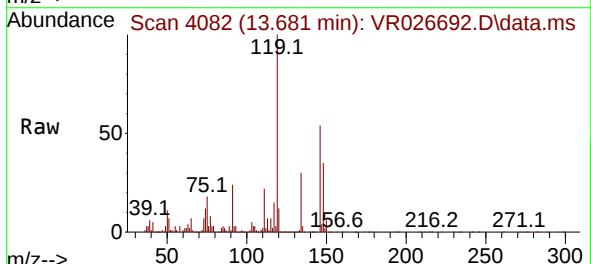
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDIC100

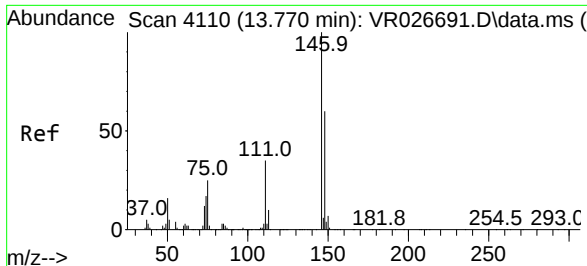
Tgt Ion:119 Resp: 3235498
 Ion Ratio Lower Upper
 119 100
 134 28.9 13.9 41.7
 91 22.5 10.4 31.2



#86
 1,3-Dichlorobenzene
 Concen: 102.444 ug/l
 RT: 13.681 min Scan# 4082
 Delta R.T. 0.003 min
 Lab File: VR026692.D
 Acq: 4 Aug 2025 12:28

Tgt Ion:146 Resp: 1672036
 Ion Ratio Lower Upper
 146 100
 111 40.1 19.4 58.2
 148 64.0 31.4 94.3

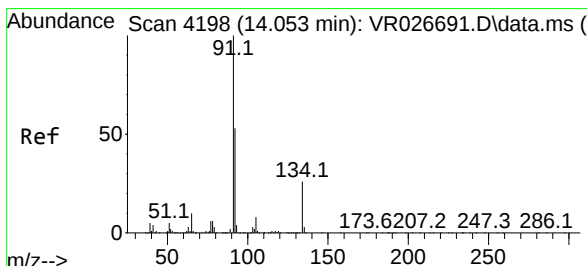
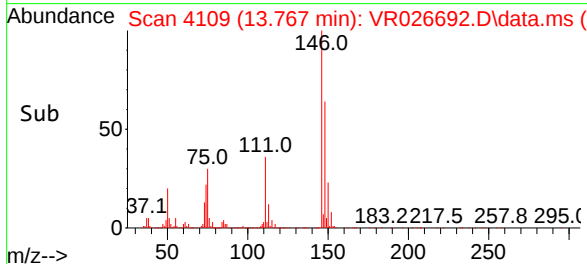
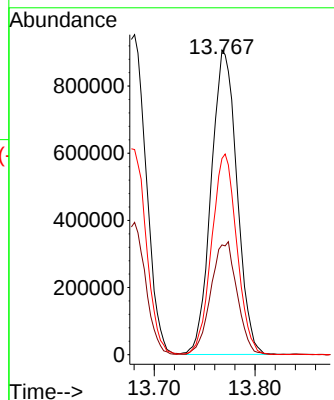
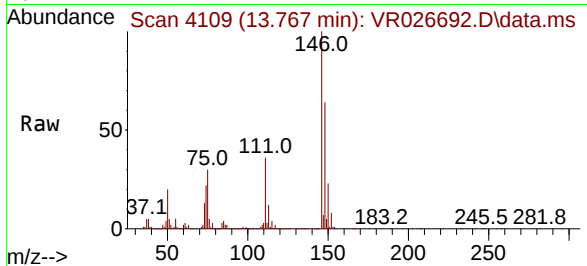




#87
1,4-Dichlorobenzene
Concen: 98.427 ug/l
RT: 13.767 min Scan# 4110
Delta R.T. -0.003 min
Lab File: VR026692.D
Acq: 4 Aug 2025 12:28

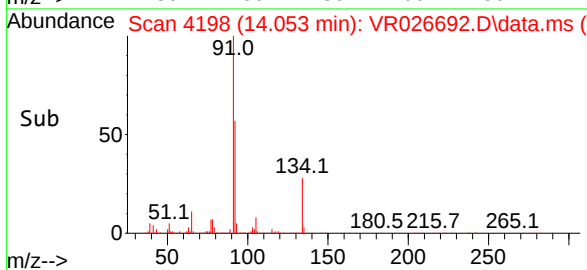
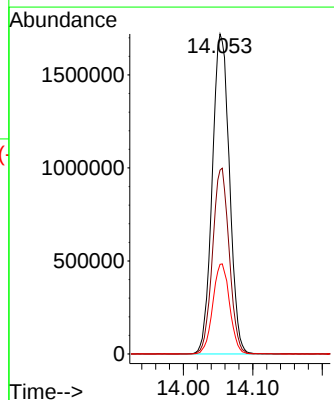
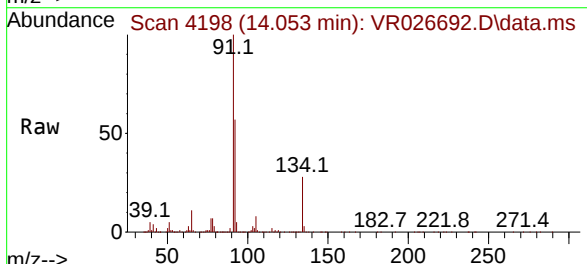
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC100

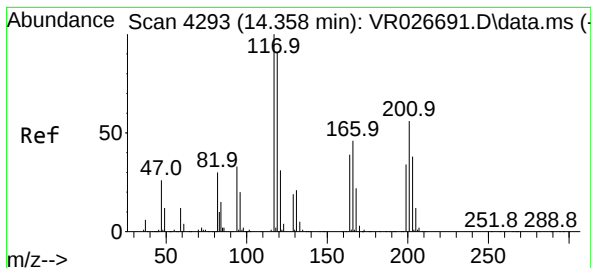
Tgt Ion:146 Resp: 1612430
Ion Ratio Lower Upper
146 100
111 37.6 19.1 57.3
148 64.5 32.6 97.8



#88
n-Butylbenzene
Concen: 103.516 ug/l
RT: 14.053 min Scan# 4198
Delta R.T. -0.000 min
Lab File: VR026692.D
Acq: 4 Aug 2025 12:28

Tgt Ion: 91 Resp: 2951924
Ion Ratio Lower Upper
91 100
92 56.1 27.1 81.2
134 27.5 13.1 39.3





#89

Hexachloroethane

Concen: 108.536 ug/l

RT: 14.358 min Scan# 4293

Delta R.T. -0.000 min

Lab File: VR026692.D

Acq: 4 Aug 2025 12:28

Instrument :

MSVOA_R

ClientSampleId :

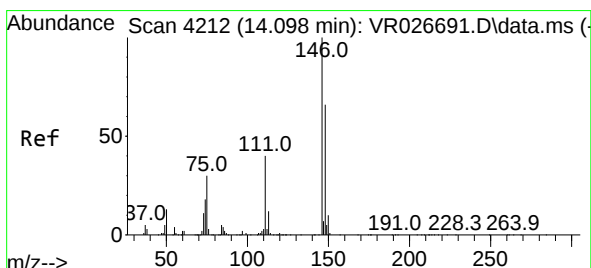
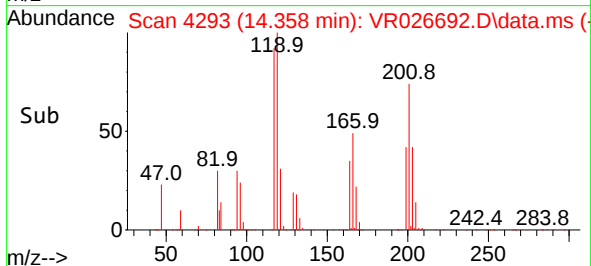
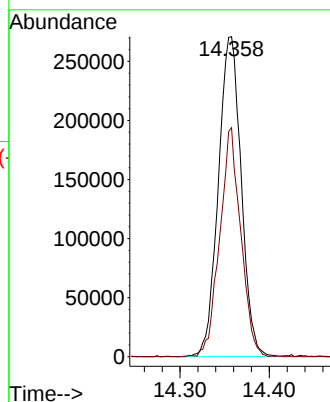
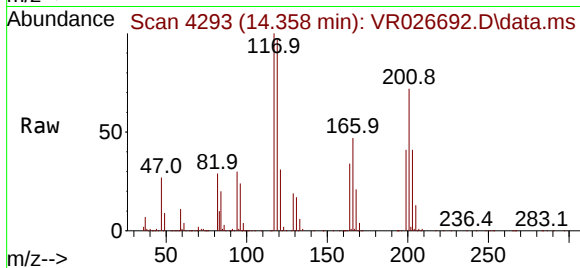
VSTDIC100

Tgt Ion:117 Resp: 482216

Ion Ratio Lower Upper

117 100

201 65.9 30.6 92.0



#90

1,2-Dichlorobenzene

Concen: 99.936 ug/l

RT: 14.098 min Scan# 4212

Delta R.T. -0.000 min

Lab File: VR026692.D

Acq: 4 Aug 2025 12:28

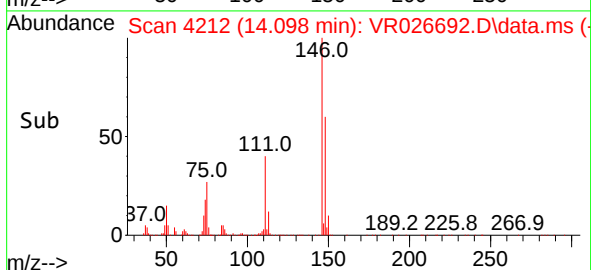
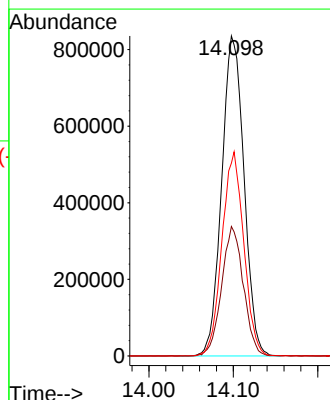
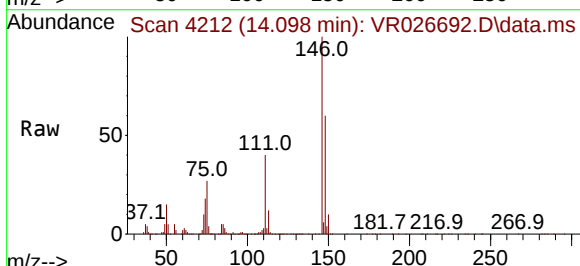
Tgt Ion:146 Resp: 1531948

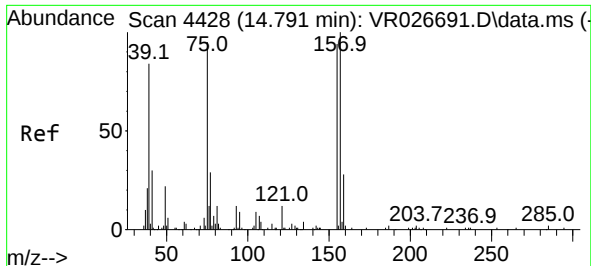
Ion Ratio Lower Upper

146 100

111 39.4 20.0 60.0

148 62.3 32.4 97.0

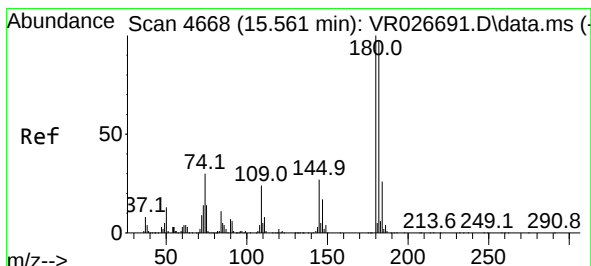
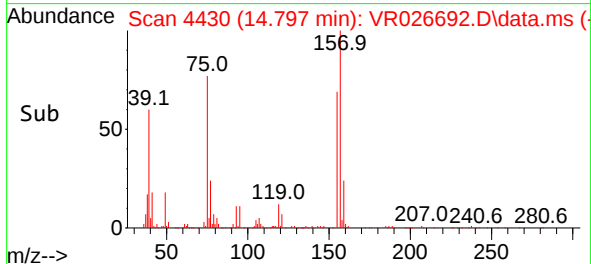
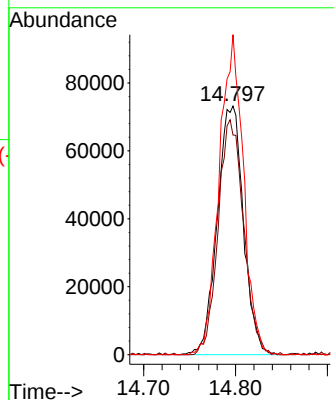
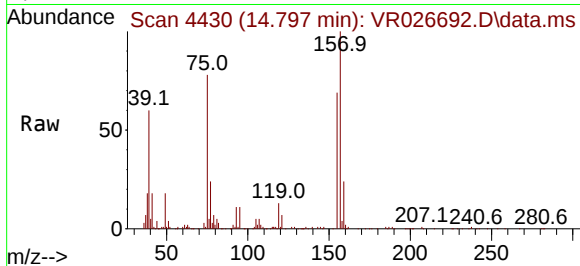




#91
 1,2-Dibromo-3-Chloropropane
 Concen: 102.821 ug/l
 RT: 14.797 min Scan# 4428
 Delta R.T. 0.006 min
 Lab File: VR026692.D
 Acq: 4 Aug 2025 12:28

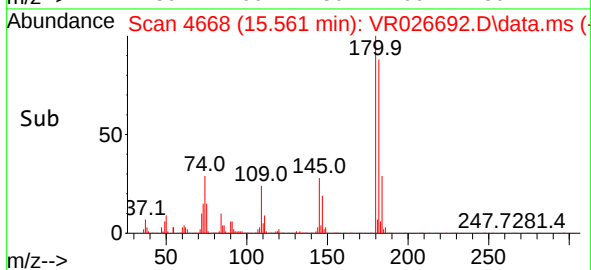
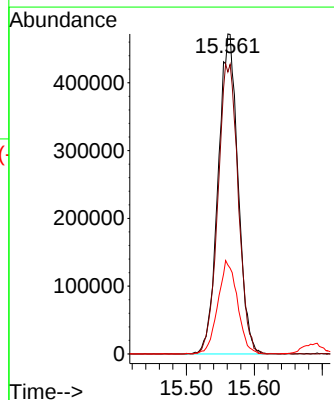
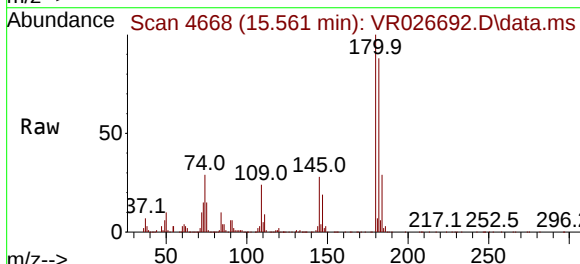
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDIC100

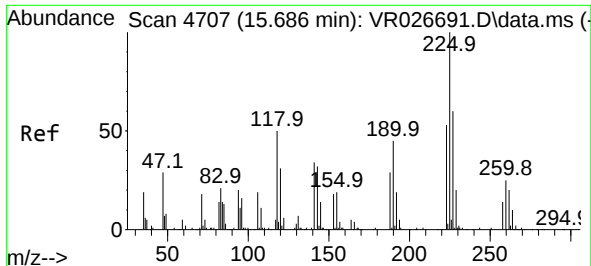
Tgt Ion: 75 Resp: 144514
 Ion Ratio Lower Upper
 75 100
 155 91.7 48.0 144.2
 157 118.8 59.5 178.4



#92
 1,2,4-Trichlorobenzene
 Concen: 104.408 ug/l
 RT: 15.561 min Scan# 4668
 Delta R.T. -0.000 min
 Lab File: VR026692.D
 Acq: 4 Aug 2025 12:28

Tgt Ion:180 Resp: 957030
 Ion Ratio Lower Upper
 180 100
 182 92.7 47.0 141.0
 145 28.8 15.2 45.5

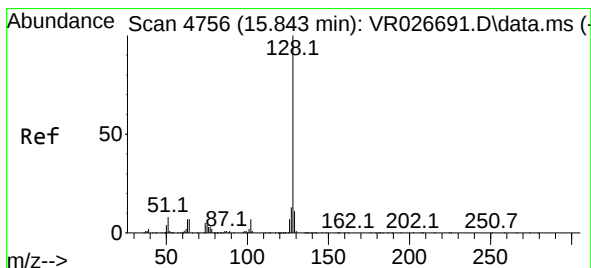
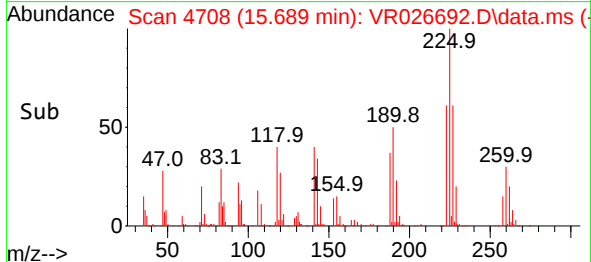
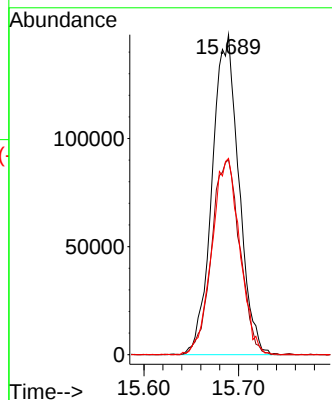
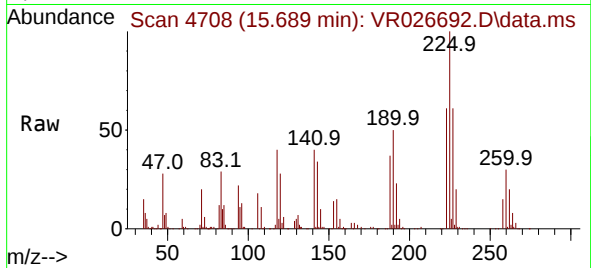




#93
Hexachlorobutadiene
Concen: 97.449 ug/l
RT: 15.689 min Scan# 41
Delta R.T. 0.003 min
Lab File: VR026692.D
Acq: 4 Aug 2025 12:28

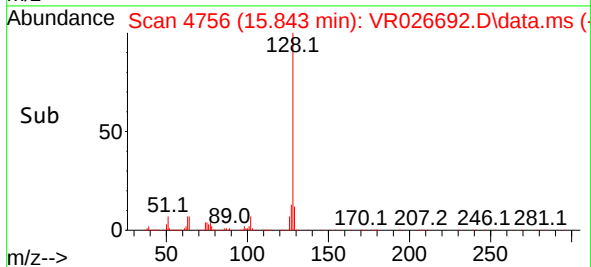
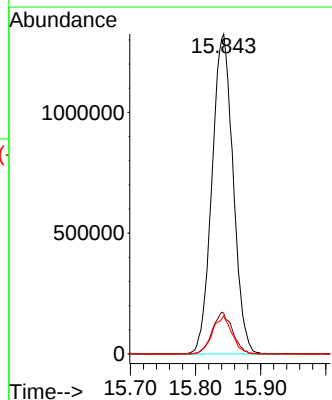
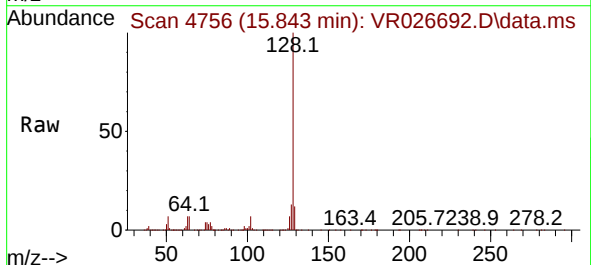
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC100

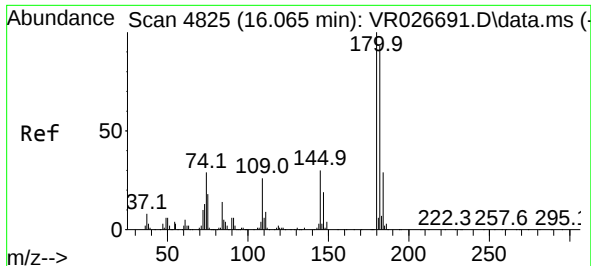
Tgt Ion:225 Resp: 290226
Ion Ratio Lower Upper
225 100
223 64.5 31.4 94.2
227 64.0 31.6 95.0



#94
Naphthalene
Concen: 106.096 ug/l
RT: 15.843 min Scan# 4756
Delta R.T. -0.000 min
Lab File: VR026692.D
Acq: 4 Aug 2025 12:28

Tgt Ion:128 Resp: 2980191
Ion Ratio Lower Upper
128 100
127 12.5 9.8 14.8
129 11.0 8.6 13.0





#95
 1,2,3-Trichlorobenzene
 Concen: 103.820 ug/l
 RT: 16.071 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VR026692.D
 Acq: 4 Aug 2025 12:28

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDIC100

Tgt Ion:180 Resp: 903459

Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.2	141.6
145	32.4	15.5	46.5

