

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR080425\
 Data File : VR026691.D
 Acq On : 4 Aug 2025 12:00
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5mL/MSVOA_R/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDICCC050

Quant Time: Aug 05 01:56:02 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	7.304	168	773917	50.000	ug/l	0.00
33) 1,4-Difluorobenzene	8.331	114	1385026	50.000	ug/l	0.00
62) Chlorobenzene-d5	11.543	117	1021787	50.000	ug/l	0.00
71) 1,4-Dichlorobenzene-d4	13.748	152	481907	50.000	ug/l	0.00

System Monitoring Compounds						
32) 1,2-Dichloroethane-d4	7.696	65	496576	50.696	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.400%	
34) Dibromofluoromethane	7.205	113	443674	51.792	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.580%	
49) Toluene-d8	10.038	98	1589979	51.807	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.620%	
61) 4-Bromofluorobenzene	12.676	95	448000	51.322	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 102.640%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.666	85	275988	48.930	ug/l	100
3) Chloromethane	1.849	50	396570	47.299	ug/l	100
4) Vinyl Chloride	1.965	62	401149	46.820	ug/l	100
5) Bromomethane	2.305	94	199516	47.789	ug/l	100
6) Chloroethane	2.433	64	251078	45.513	ug/l	100
7) Trichlorofluoromethane	2.719	101	747729	48.419	ug/l	100
8) Diethyl Ether	3.085	74	335840	49.014	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.390	101	407735	48.926	ug/l	100
10) Methyl Iodide	3.556	142	407416	50.672	ug/l	100
11) Tert butyl alcohol	4.333	59	385341	251.439	ug/l	100
12) 1,1-Dichloroethene	3.370	96	405203	49.220	ug/l	100
13) Acrolein	3.248	56	563158	251.381	ug/l	100
14) Allyl chloride	3.893	41	751525	46.401	ug/l	100
15) Acrylonitrile	4.487	53	1570304	258.125	ug/l	100
16) Acetone	3.447	43	1202681	261.606	ug/l	100
17) Carbon Disulfide	3.653	76	610782	50.120	ug/l	100
18) Methyl Acetate	3.903	43	965569	50.322	ug/l	100
19) Methyl tert-butyl Ether	4.564	73	1632663	49.556	ug/l	100
20) Methylene Chloride	4.096	84	521533	47.803	ug/l	100
21) trans-1,2-Dichloroethene	4.542	96	441700	48.806	ug/l	100
22) Diisopropyl ether	5.475	45	1879095	49.511	ug/l	100
23) Vinyl Acetate	5.402	43	5450918	251.889	ug/l	100
24) 1,1-Dichloroethane	5.344	63	928260	48.296	ug/l	100
25) 2-Butanone	6.380	43	1843323	259.052	ug/l	100
26) 2,2-Dichloropropane	6.361	77	673403	50.681	ug/l	100
27) cis-1,2-Dichloroethene	6.367	96	584943	50.239	ug/l	100
28) Bromochloromethane	6.756	49	312834	45.169	ug/l	100
29) Chloroform	6.964	83	829764	49.839	ug/l	100
30) Cyclohexane	7.288	56	712555	45.907	ug/l	100
31) 1,1,1-Trichloroethane	7.189	97	608873	50.615	ug/l	100
35) 1,1-Dichloropropene	7.439	75	548488	50.753	ug/l	100
36) Ethyl Acetate	6.489	43	658269	50.879	ug/l	100
37) Carbon Tetrachloride	7.420	117	452217	51.380	ug/l	100
38) Methylcyclohexane	8.893	83	621519	50.242	ug/l	100
39) Benzene	7.715	78	1960331	50.371	ug/l	100
40) Methacrylonitrile	6.730	41	397142	49.393	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) 1,2-Dichloroethane	7.802	62	485214	49.018	ug/l	100
42) Isopropyl Acetate	7.876	43	1063162	51.105	ug/l	100
43) Trichloroethene	8.614	130	364656	48.722	ug/l	100
44) 1,2-Dichloropropane	8.928	63	451455	49.019	ug/l	100
45) Dibromomethane	9.028	93	249415	48.696	ug/l	100
46) Bromodichloromethane	9.252	83	509344	51.324	ug/l	100
47) Methyl methacrylate	9.034	41	477535	52.447	ug/l	100
48) 1,4-Dioxane	9.031	88	150821	1028.333	ug/l	100
50) 4-Methyl-2-Pentanone	9.923	43	2855515	262.917	ug/l	100
51) Toluene	10.109	92	995055	50.086	ug/l	100
52) t-1,3-Dichloropropene	10.372	75	508697	52.298	ug/l	100
53) cis-1,3-Dichloropropene	9.750	75	607813	52.096	ug/l	100
54) 1,1,2-Trichloroethane	10.571	97	367870	50.702	ug/l	100
55) Ethyl methacrylate	10.436	69	642927	53.658	ug/l	100
56) 1,3-Dichloropropane	10.741	76	631039	51.061	ug/l	100
57) 2-Chloroethyl Vinyl ether	9.592	63	191957	289.900	ug/l	100
58) 2-Hexanone	10.799	43	2019641	275.840	ug/l	100
59) Dibromochloromethane	10.959	129	320178	52.143	ug/l	100
60) 1,2-Dibromoethane	11.078	107	315814	50.574	ug/l	100
63) Tetrachloroethene	10.661	164	273048	48.917	ug/l	100
64) Chlorobenzene	11.572	112	1048836	49.322	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.659	131	306972	52.852	ug/l	100
66) Ethyl Benzene	11.665	91	1801806	50.745	ug/l	100
67) m/p-Xylenes	11.791	106	1430648	100.851	ug/l	100
68) o-Xylene	12.163	106	701631	50.952	ug/l	100
69) Styrene	12.179	104	1175810	51.097	ug/l	100
70) Bromoform	12.362	173	179870	54.719	ug/l	100
72) Isopropylbenzene	12.506	105	1692283	49.269	ug/l	100
73) N-amyl acetate	12.307	43	693686	50.936	ug/l	100
74) 1,1,2,2-Tetrachloroethane	12.792	83	499949	49.609	ug/l	100
75) 1,2,3-Trichloropropane	12.846	75	572751	70.935	ug/l #	100
76) Bromobenzene	12.817	156	385051	48.441	ug/l	100
77) n-propylbenzene	12.894	91	2042247	49.836	ug/l	100
78) 2-Chlorotoluene	12.991	91	1124939	48.384	ug/l	100
79) 1,3,5-Trimethylbenzene	13.055	105	1335998	49.740	ug/l	100
80) trans-1,4-Dichloro-2-b...	12.561	75	150112	54.732	ug/l	100
81) 4-Chlorotoluene	13.103	91	1143596	48.149	ug/l	100
82) tert-Butylbenzene	13.353	119	1219463	49.915	ug/l	100
83) 1,2,4-Trimethylbenzene	13.405	105	1371587	51.588	ug/l	100
84) sec-Butylbenzene	13.555	105	1840353	50.795	ug/l	100
85) p-Isopropyltoluene	13.684	119	1536909	52.026	ug/l	100
86) 1,3-Dichlorobenzene	13.677	146	782412	50.207	ug/l	100
87) 1,4-Dichlorobenzene	13.770	146	760751	48.637	ug/l	100
88) n-Butylbenzene	14.053	91	1405537	51.622	ug/l	100
89) Hexachloroethane	14.358	117	219076	51.643	ug/l	100
90) 1,2-Dichlorobenzene	14.098	146	709292	48.461	ug/l	100
91) 1,2-Dibromo-3-Chloropr...	14.791	75	64907	48.367	ug/l	100
92) 1,2,4-Trichlorobenzene	15.561	180	421758	48.190	ug/l	100
93) Hexachlorobutadiene	15.686	225	131139	46.117	ug/l	100
94) Naphthalene	15.843	128	1334977	49.775	ug/l	100
95) 1,2,3-Trichlorobenzene	16.065	180	414662	49.906	ug/l	100

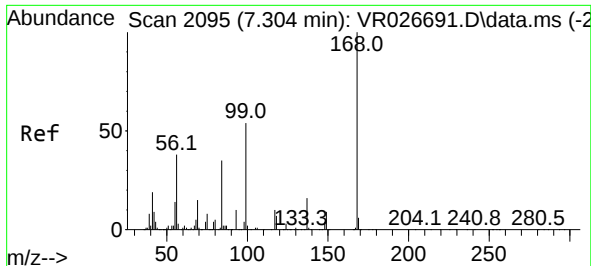
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

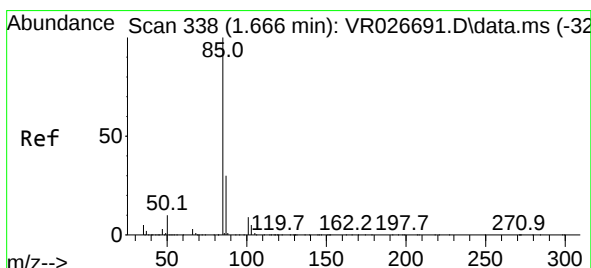
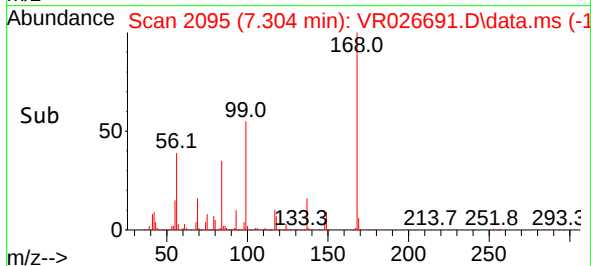
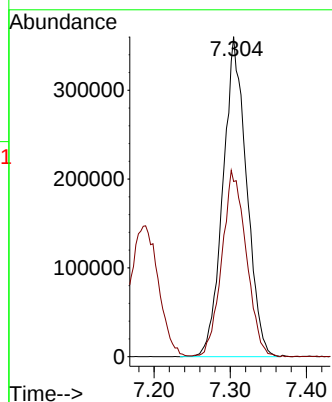
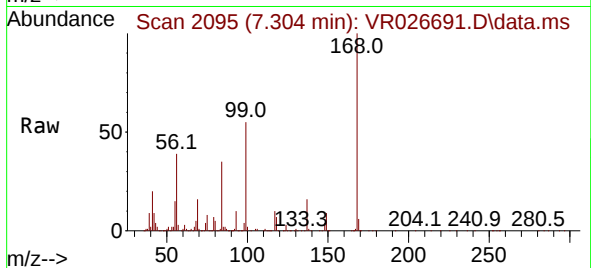
(#)=qualifier out of range (m)=manual integration (+)=signals summed						



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.304 min Scan# 2095
Delta R.T. 0.000 min
Lab File: VR026691.D
Acq: 4 Aug 2025 12:00

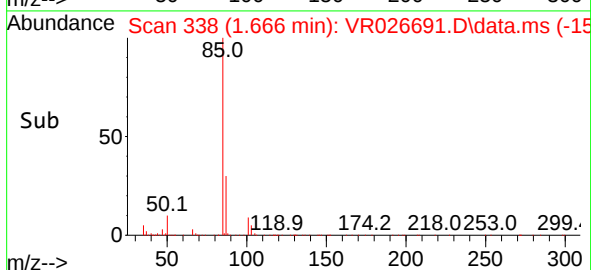
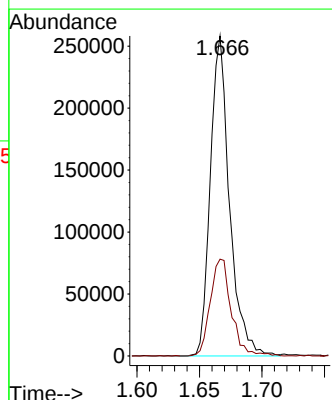
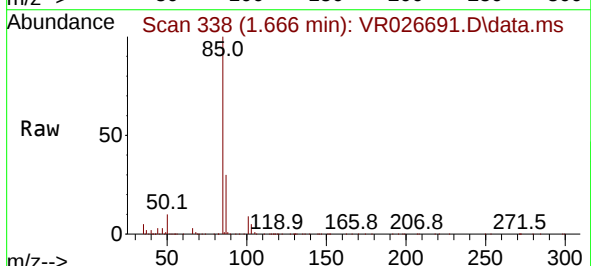
Instrument :
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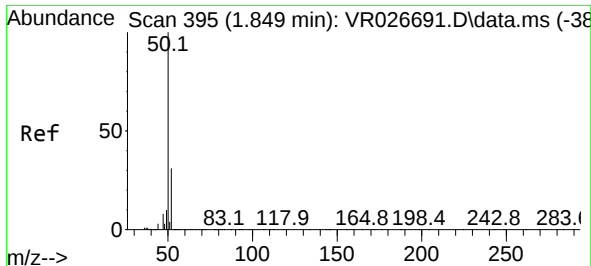
Tgt Ion:168 Resp: 773917
Ion Ratio Lower Upper
168 100
99 54.8 43.8 65.8



#2
Dichlorodifluoromethane
Concen: 48.930 ug/l
RT: 1.666 min Scan# 338
Delta R.T. 0.000 min
Lab File: VR026691.D
Acq: 4 Aug 2025 12:00

Tgt Ion: 85 Resp: 275988
Ion Ratio Lower Upper
85 100
87 30.3 15.2 45.5

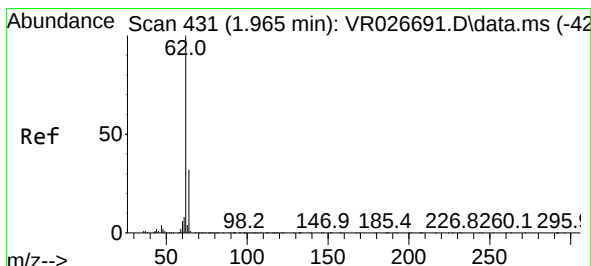
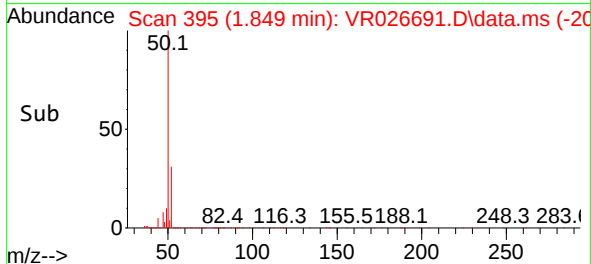
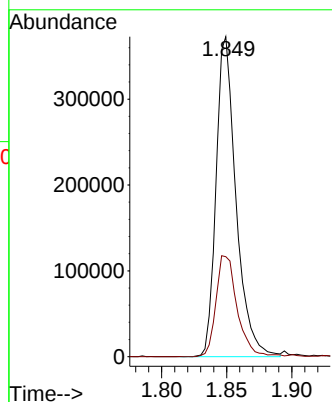
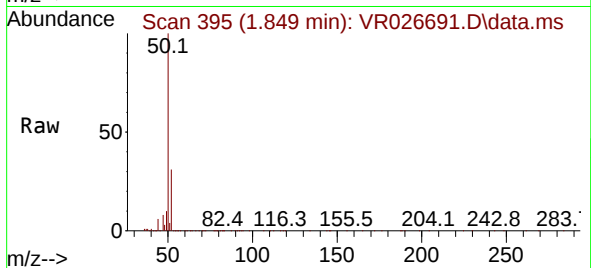




#3
Chloromethane
Concen: 47.299 ug/l
RT: 1.849 min Scan# 395
Delta R.T. 0.000 min
Lab File: VR026691.D
Acq: 4 Aug 2025 12:00

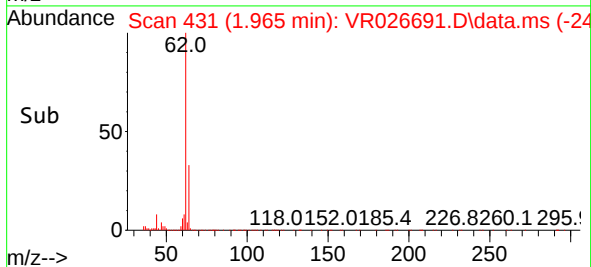
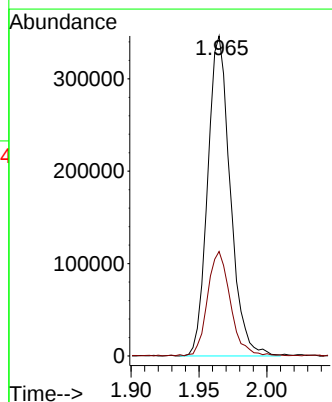
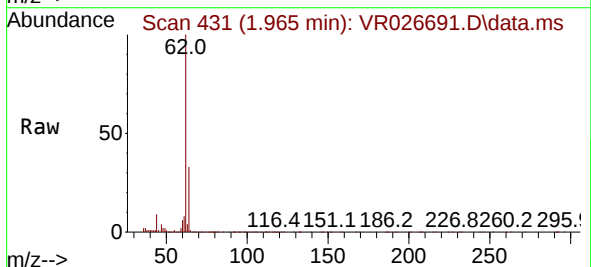
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ClientSampleId :
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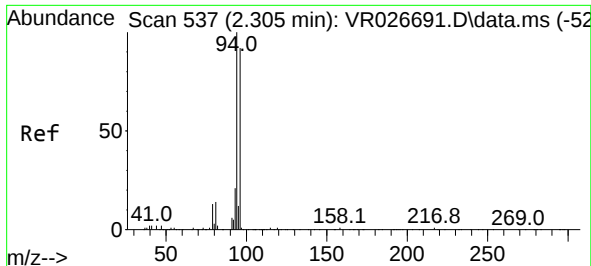
Tgt Ion: 50 Resp: 396570
Ion Ratio Lower Upper
50 100
52 31.2 25.0 37.4



#4
Vinyl Chloride
Concen: 46.820 ug/l
RT: 1.965 min Scan# 431
Delta R.T. 0.000 min
Lab File: VR026691.D
Acq: 4 Aug 2025 12:00

Tgt Ion: 62 Resp: 401149
Ion Ratio Lower Upper
62 100
64 32.4 25.9 38.9

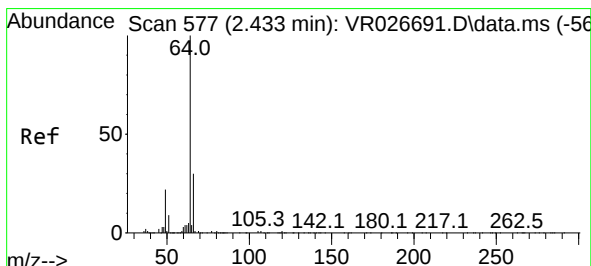
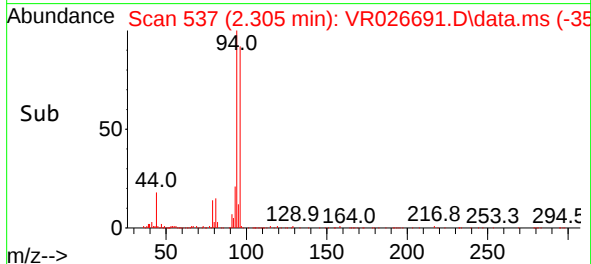
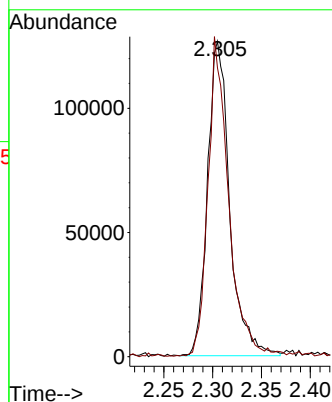
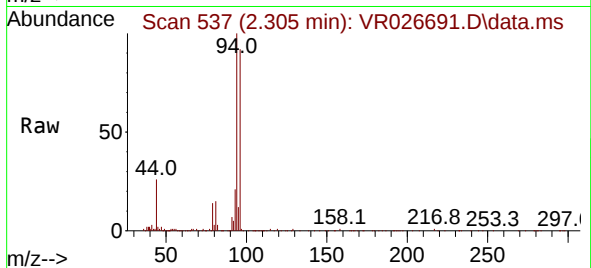




#5
Bromomethane
Concen: 47.789 ug/l
RT: 2.305 min Scan# 51
Delta R.T. 0.000 min
Lab File: VR026691.D
Acq: 4 Aug 2025 12:00

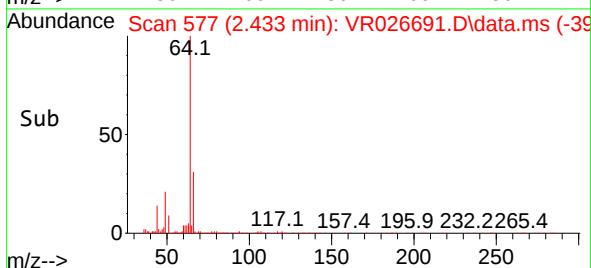
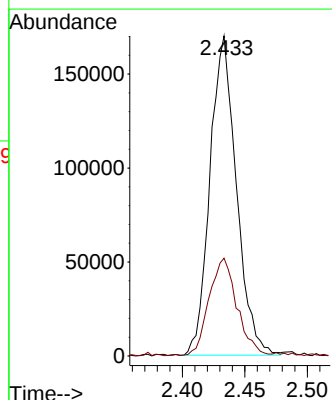
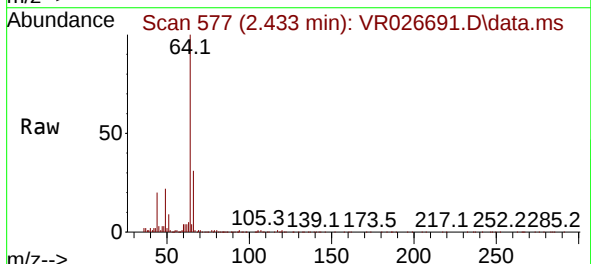
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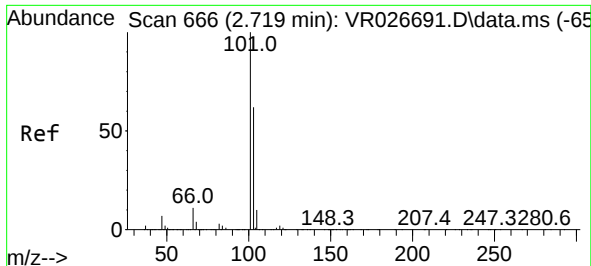
Tgt Ion: 94 Resp: 199516
Ion Ratio Lower Upper
94 100
96 91.6 73.3 109.9



#6
Chloroethane
Concen: 45.513 ug/l
RT: 2.433 min Scan# 577
Delta R.T. 0.000 min
Lab File: VR026691.D
Acq: 4 Aug 2025 12:00

Tgt Ion: 64 Resp: 251078
Ion Ratio Lower Upper
64 100
66 30.4 24.3 36.5

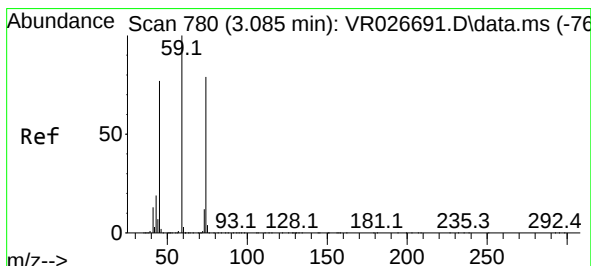
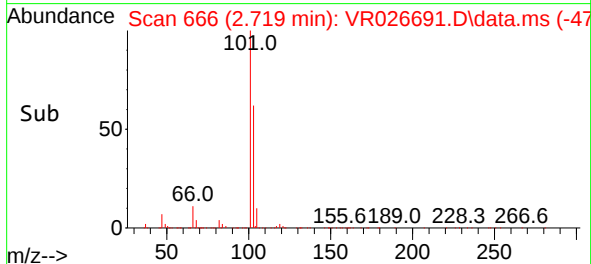
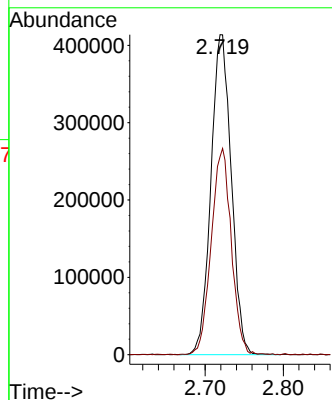
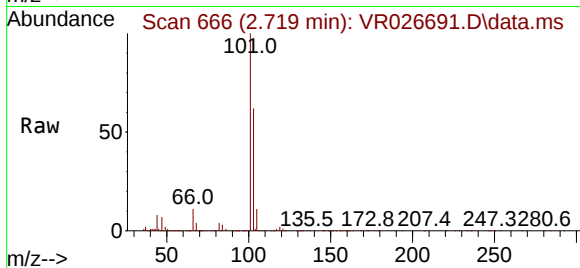




#7
Trichlorofluoromethane
Concen: 48.419 ug/l
RT: 2.719 min Scan# 666
Delta R.T. 0.000 min
Lab File: VR026691.D
Acq: 4 Aug 2025 12:00

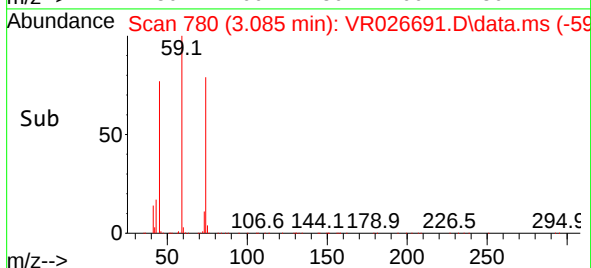
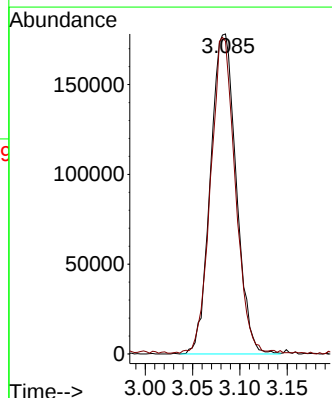
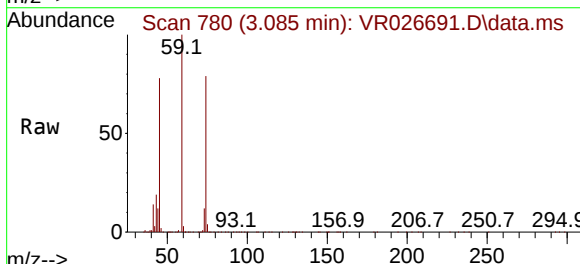
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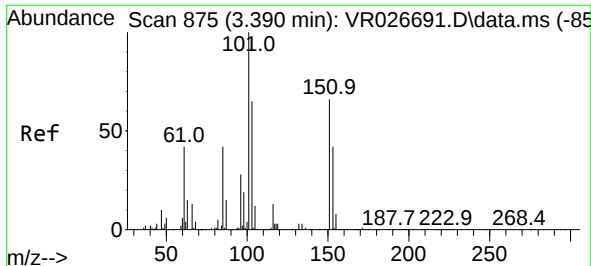
Tgt Ion:101 Resp: 747729
Ion Ratio Lower Upper
101 100
103 61.8 49.4 74.2



#8
Diethyl Ether
Concen: 49.014 ug/l
RT: 3.085 min Scan# 780
Delta R.T. 0.000 min
Lab File: VR026691.D
Acq: 4 Aug 2025 12:00

Tgt Ion: 74 Resp: 335840
Ion Ratio Lower Upper
74 100
45 94.2 47.1 141.3

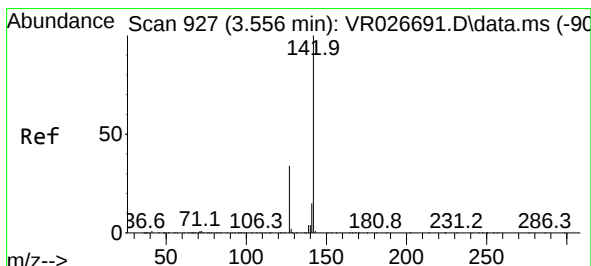
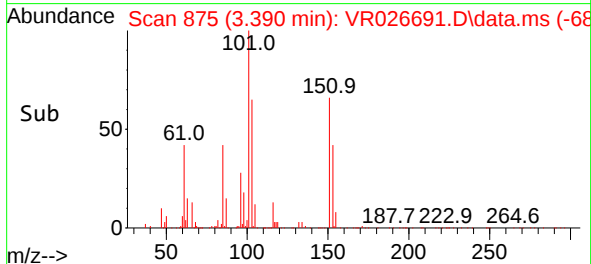
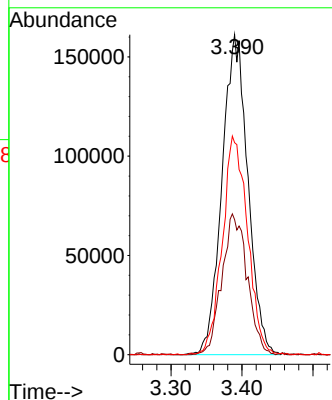
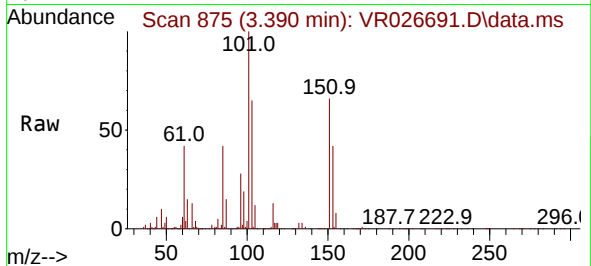




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 48.926 ug/l
 RT: 3.390 min Scan# 875
 Delta R.T. 0.000 min
 Lab File: VR026691.D
 Acq: 4 Aug 2025 12:00

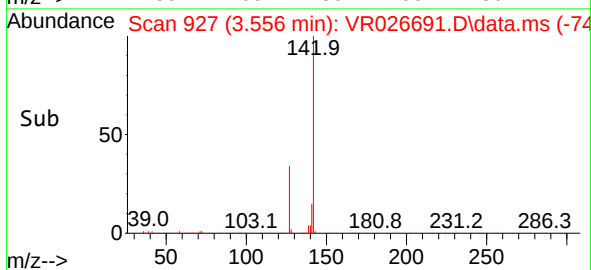
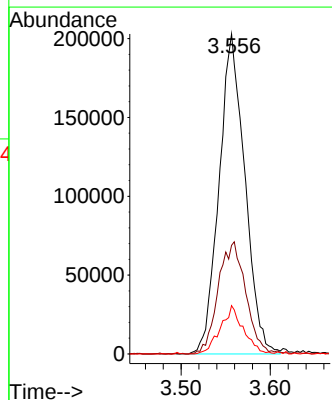
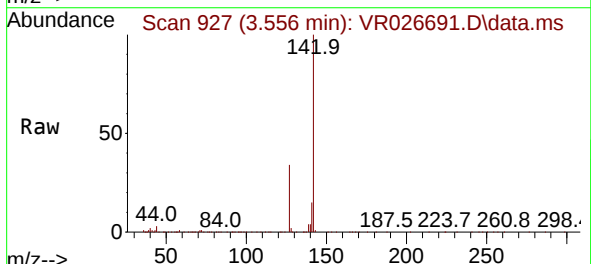
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 MSVOA_R
 ClientSampleId :
 VSTDICCC050

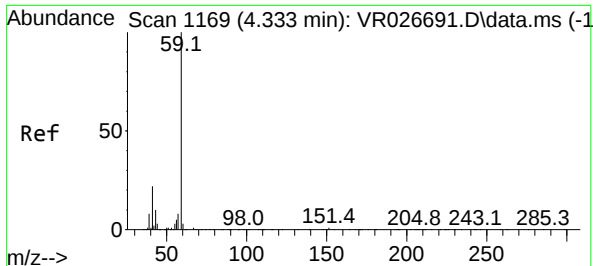
Tgt Ion:101 Resp: 407735
 Ion Ratio Lower Upper
 101 100
 85 43.1 34.5 51.7
 151 66.7 53.4 80.0



#10
 Methyl Iodide
 Concen: 50.672 ug/l
 RT: 3.556 min Scan# 927
 Delta R.T. 0.000 min
 Lab File: VR026691.D
 Acq: 4 Aug 2025 12:00

Tgt Ion:142 Resp: 407416
 Ion Ratio Lower Upper
 142 100
 127 37.6 30.1 45.1
 141 13.5 10.8 16.2

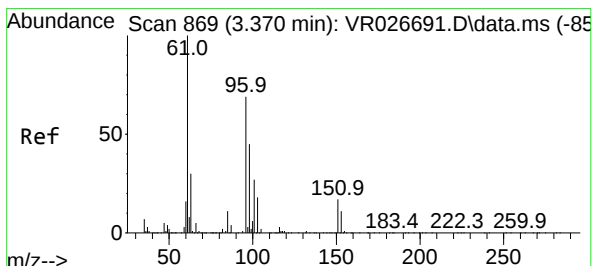
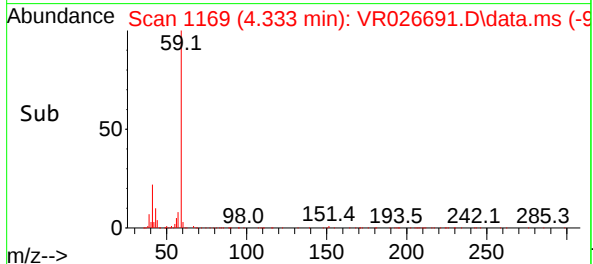
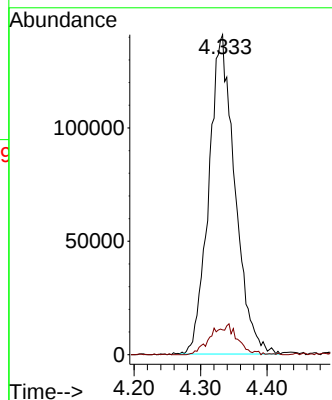
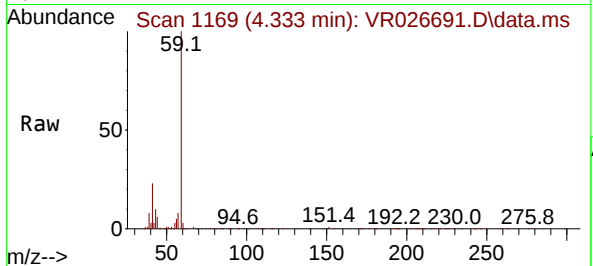




#11
Tert butyl alcohol
Concen: 251.439 ug/l
RT: 4.333 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VR026691.D
Acq: 4 Aug 2025 12:00

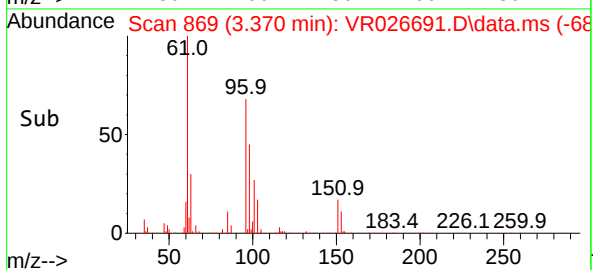
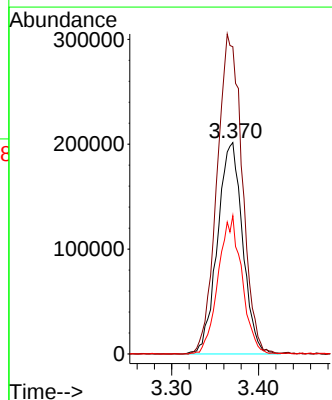
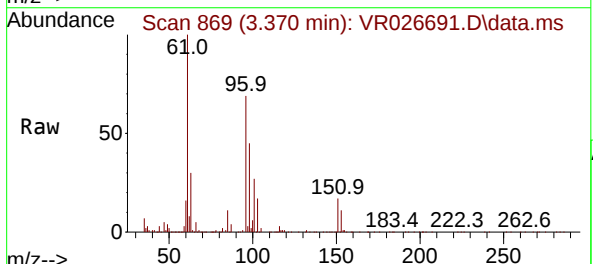
Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050

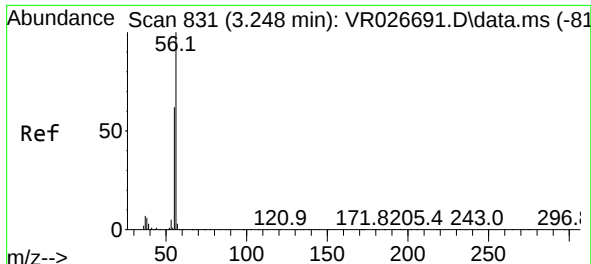
Tgt Ion: 59 Resp: 385341
Ion Ratio Lower Upper
59 100
57 9.6 7.7 11.5



#12
1,1-Dichloroethene
Concen: 49.220 ug/l
RT: 3.370 min Scan# 869
Delta R.T. 0.000 min
Lab File: VR026691.D
Acq: 4 Aug 2025 12:00

Tgt Ion: 96 Resp: 405203
Ion Ratio Lower Upper
96 100
61 145.3 116.2 174.4
98 65.4 52.3 78.5

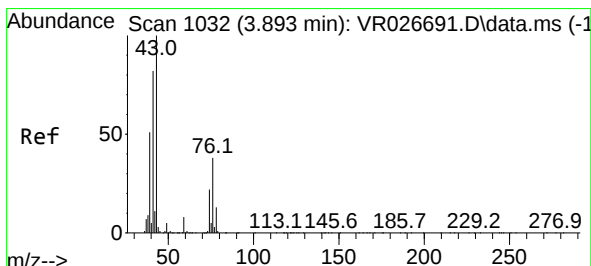
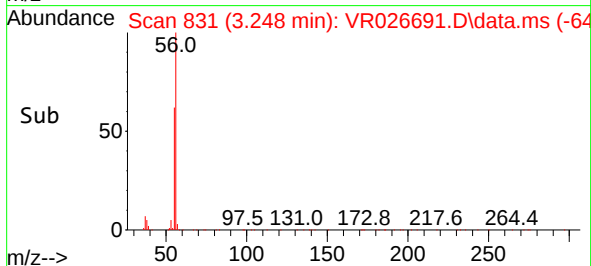
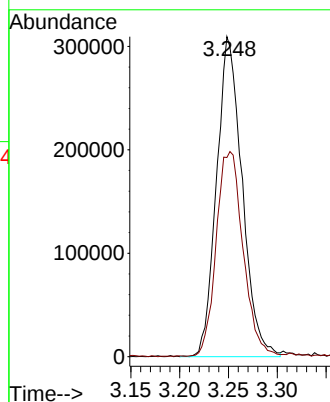
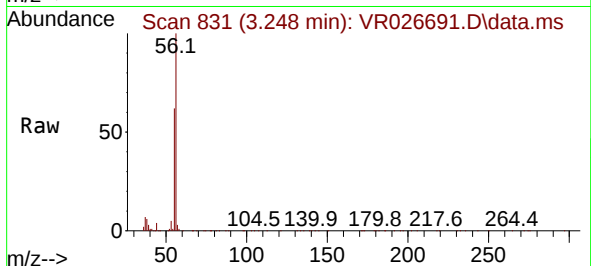




#13
Acrolein
Concen: 251.381 ug/l
RT: 3.248 min Scan# 831
Delta R.T. 0.000 min
Lab File: VR026691.D
Acq: 4 Aug 2025 12:00

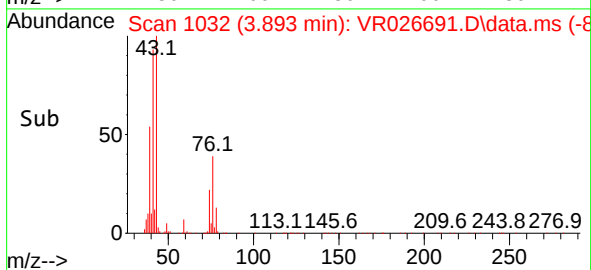
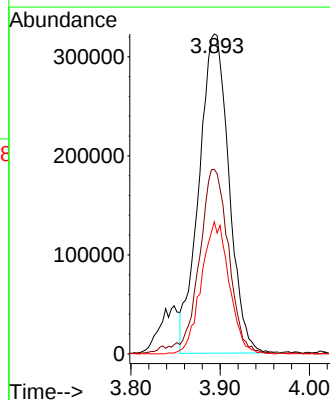
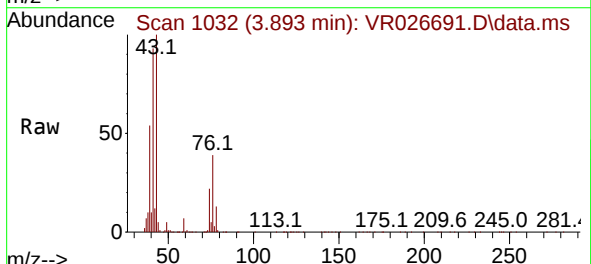
Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050

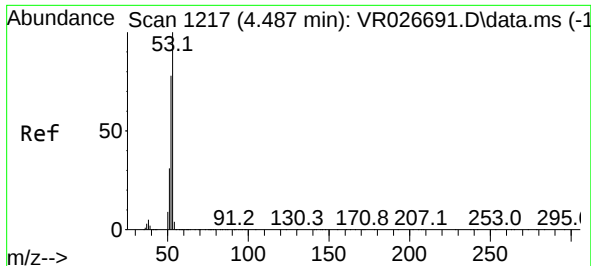
Tgt Ion: 56 Resp: 563158
Ion Ratio Lower Upper
56 100
55 67.3 53.8 80.8



#14
Allyl chloride
Concen: 46.401 ug/l
RT: 3.893 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VR026691.D
Acq: 4 Aug 2025 12:00

Tgt Ion: 41 Resp: 751525
Ion Ratio Lower Upper
41 100
39 55.2 44.2 66.2
76 38.7 31.0 46.4

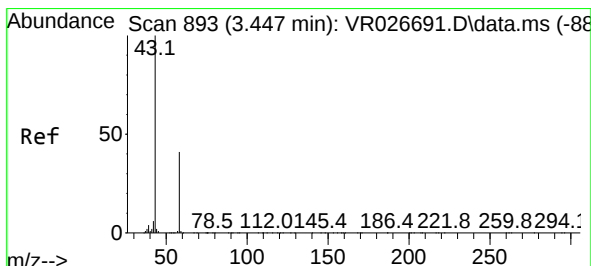
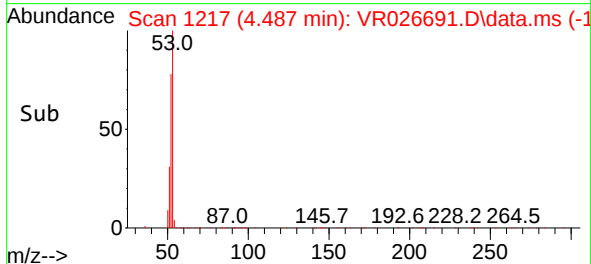
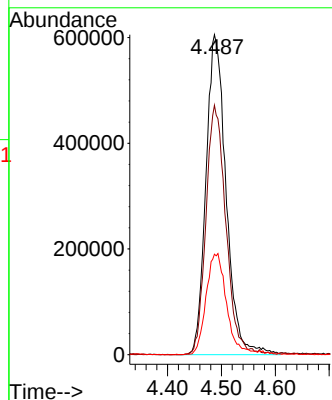
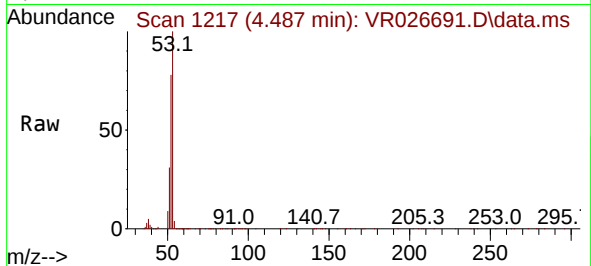




#15
Acrylonitrile
Concen: 258.125 ug/l
RT: 4.487 min Scan# 1217
Delta R.T. 0.000 min
Lab File: VR026691.D
Acq: 4 Aug 2025 12:00

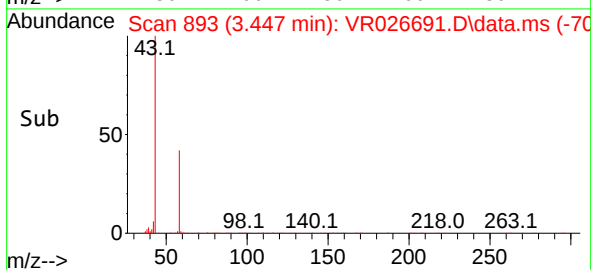
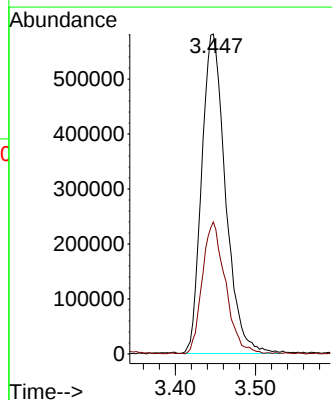
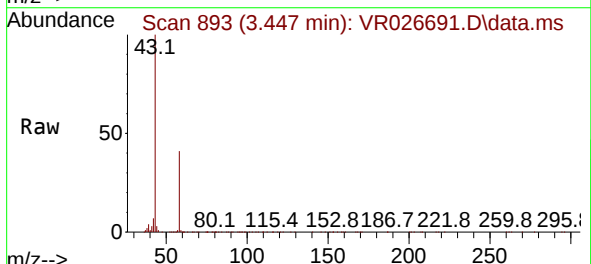
Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050

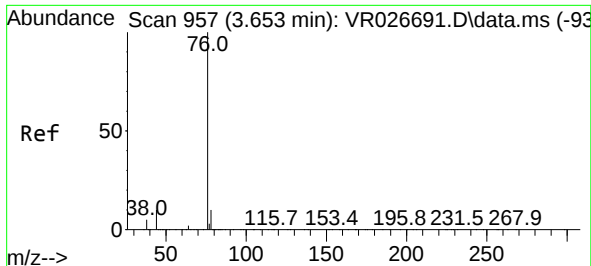
Tgt Ion: 53 Resp: 1570304
Ion Ratio Lower Upper
53 100
52 76.8 61.4 92.2
51 32.2 25.8 38.6



#16
Acetone
Concen: 261.606 ug/l
RT: 3.447 min Scan# 893
Delta R.T. 0.000 min
Lab File: VR026691.D
Acq: 4 Aug 2025 12:00

Tgt Ion: 43 Resp: 1202681
Ion Ratio Lower Upper
43 100
58 41.1 32.9 49.3

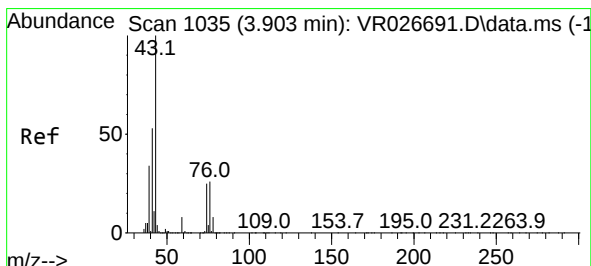
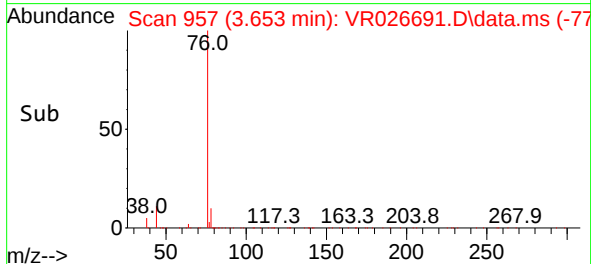
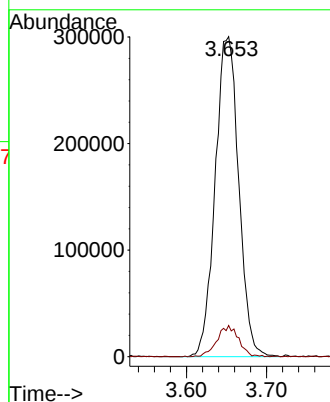
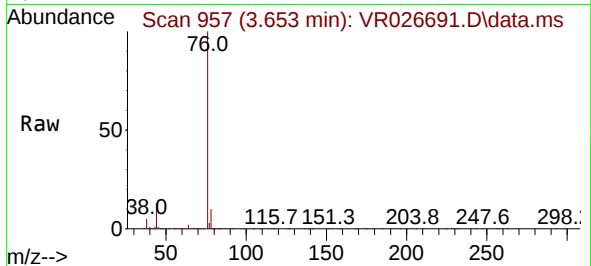




#17
Carbon Disulfide
Concen: 50.120 ug/l
RT: 3.653 min Scan# 91
Delta R.T. 0.000 min
Lab File: VR026691.D
Acq: 4 Aug 2025 12:00

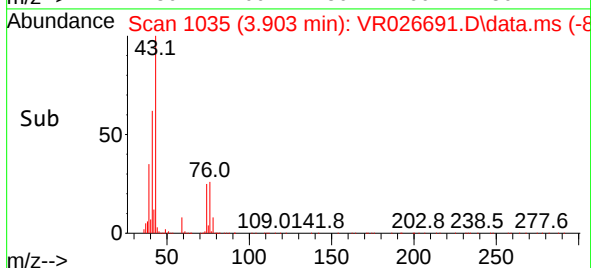
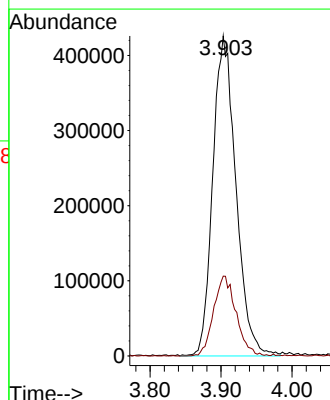
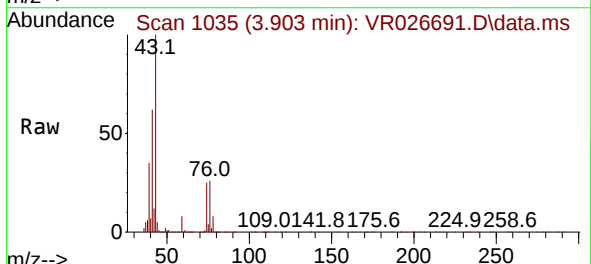
Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050

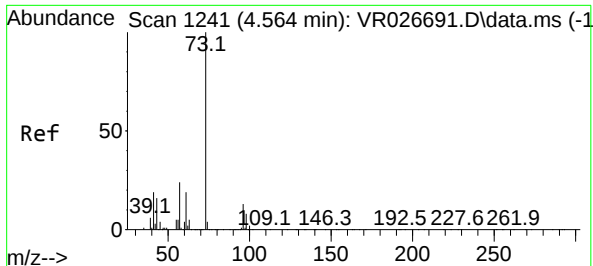
Tgt Ion: 76 Resp: 610782
Ion Ratio Lower Upper
76 100
78 9.7 7.8 11.6



#18
Methyl Acetate
Concen: 50.322 ug/l
RT: 3.903 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VR026691.D
Acq: 4 Aug 2025 12:00

Tgt Ion: 43 Resp: 965569
Ion Ratio Lower Upper
43 100
74 24.2 19.4 29.0





#19

Methyl tert-butyl Ether

Concen: 49.556 ug/l

RT: 4.564 min Scan# 1

Delta R.T. 0.000 min

Lab File: VR026691.D

Acq: 4 Aug 2025 12:00

Instrument :

MSVOA_R

ClientSampleId :

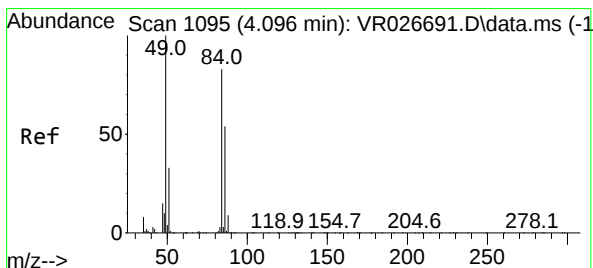
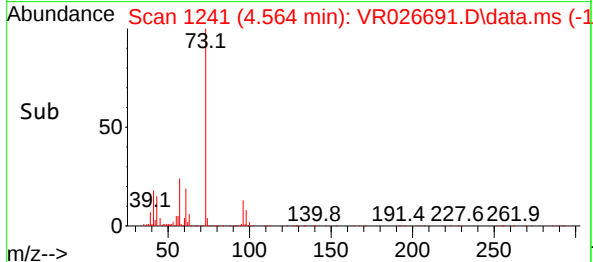
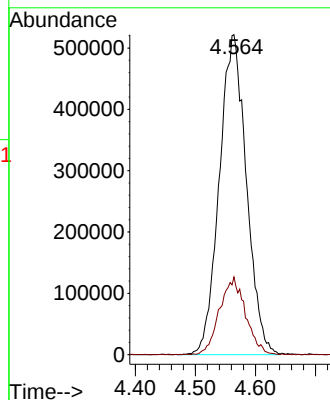
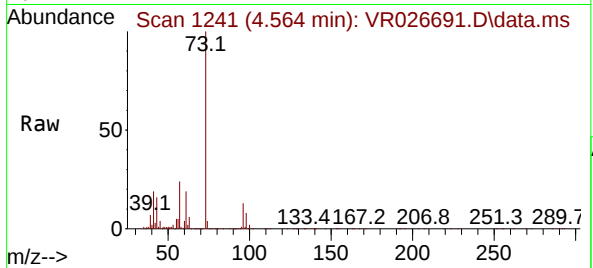
VSTDICCC050

Tgt Ion: 73 Resp: 1632663

Ion Ratio Lower Upper

73 100

57 24.2 19.4 29.0



#20

Methylene Chloride

Concen: 47.803 ug/l

RT: 4.096 min Scan# 1095

Delta R.T. 0.000 min

Lab File: VR026691.D

Acq: 4 Aug 2025 12:00

Tgt Ion: 84 Resp: 521533

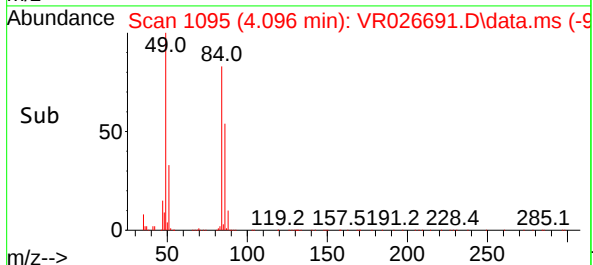
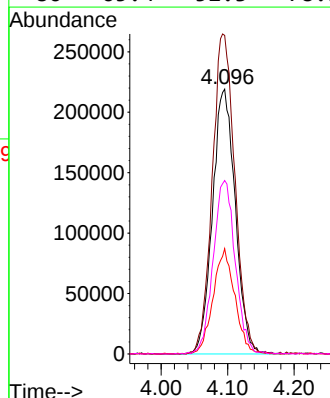
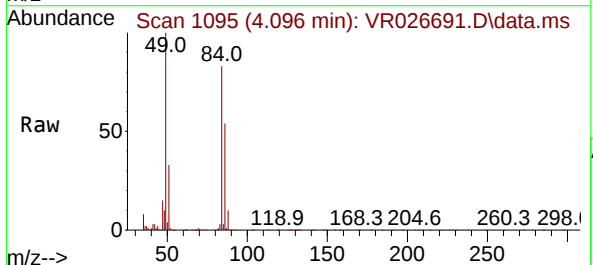
Ion Ratio Lower Upper

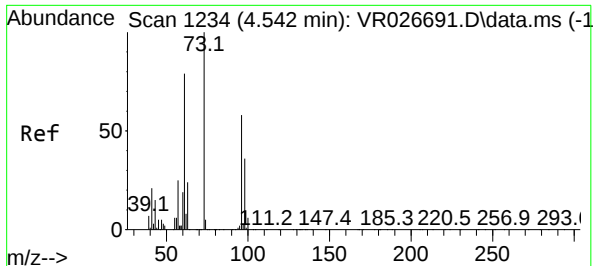
84 100

49 120.3 96.2 144.4

51 39.7 31.8 47.6

86 65.4 52.3 78.5

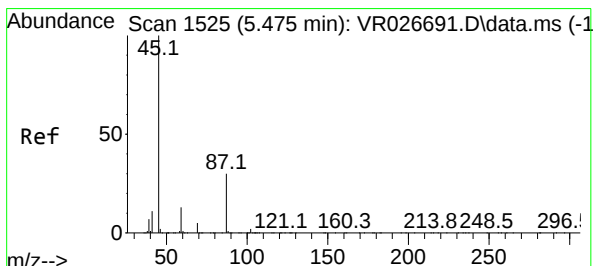
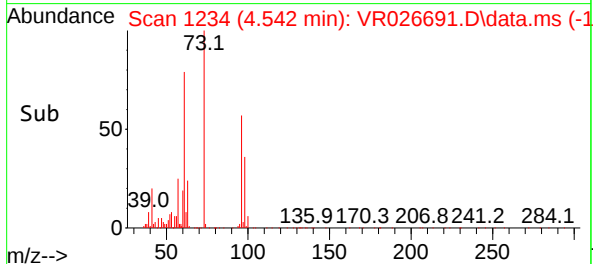
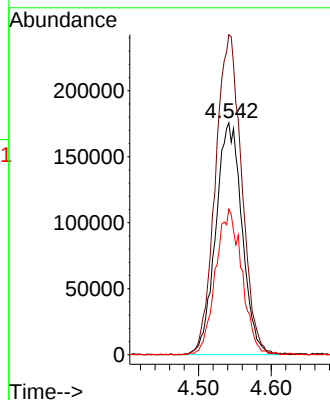
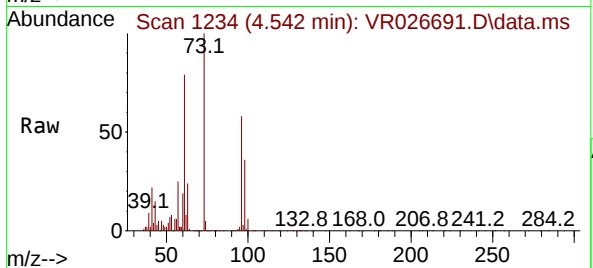




#21
trans-1,2-Dichloroethene
Concen: 48.806 ug/l
RT: 4.542 min Scan# 1234
Delta R.T. 0.000 min
Lab File: VR026691.D
Acq: 4 Aug 2025 12:00

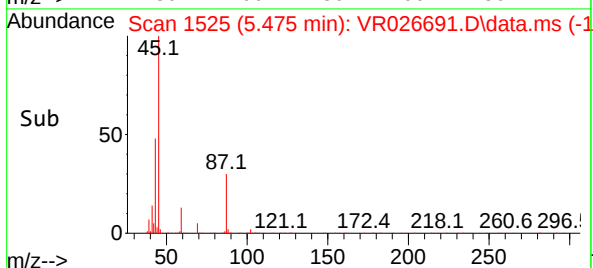
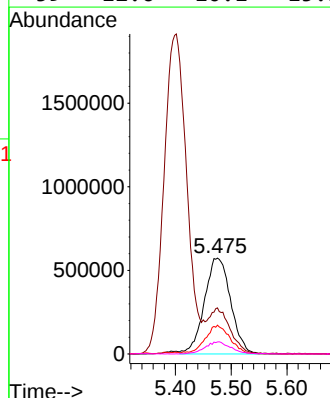
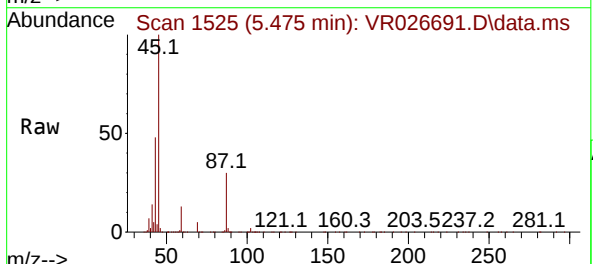
Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050

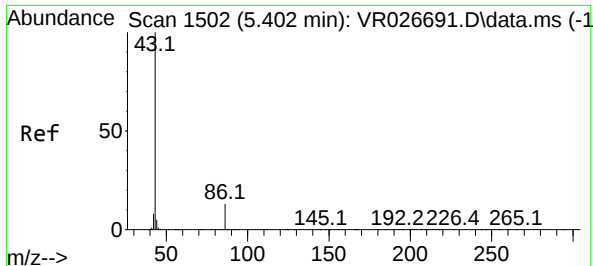
Tgt Ion: 96 Resp: 441700
Ion Ratio Lower Upper
96 100
61 137.9 110.3 165.5
98 62.8 50.2 75.4



#22
Diisopropyl ether
Concen: 49.511 ug/l
RT: 5.475 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VR026691.D
Acq: 4 Aug 2025 12:00

Tgt Ion: 45 Resp: 1879095
Ion Ratio Lower Upper
45 100
43 47.7 38.2 57.2
87 30.0 24.0 36.0
59 12.6 10.1 15.1

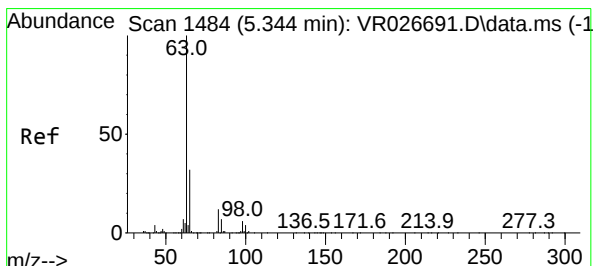
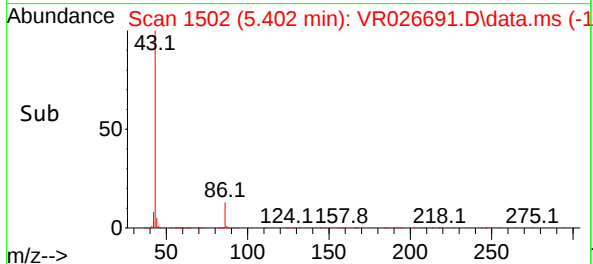
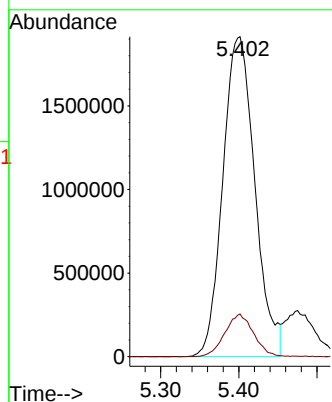
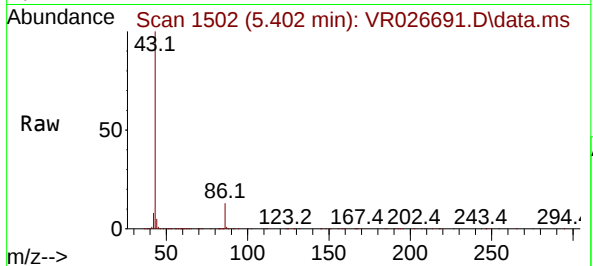




#23
 Vinyl Acetate
 Concen: 251.889 ug/l
 RT: 5.402 min Scan# 1502
 Delta R.T. 0.000 min
 Lab File: VR026691.D
 Acq: 4 Aug 2025 12:00

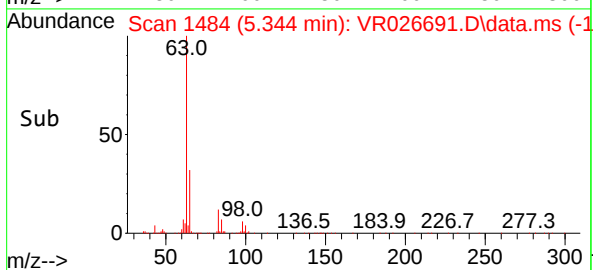
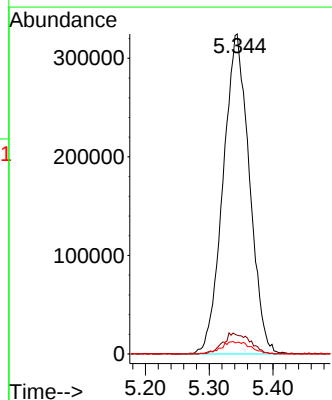
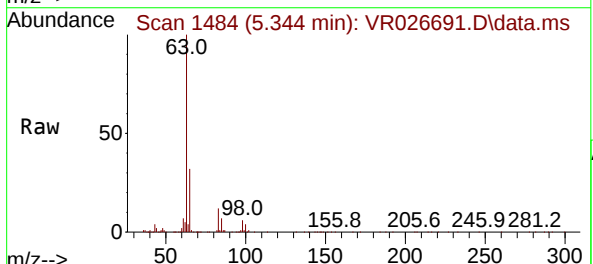
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDICCC050

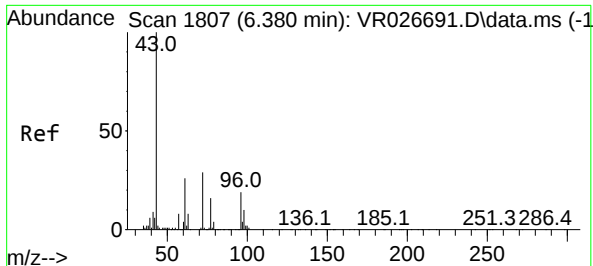
Tgt Ion: 43 Resp: 5450918
 Ion Ratio Lower Upper
 43 100
 86 13.4 10.7 16.1



#24
 1,1-Dichloroethane
 Concen: 48.296 ug/l
 RT: 5.344 min Scan# 1484
 Delta R.T. 0.000 min
 Lab File: VR026691.D
 Acq: 4 Aug 2025 12:00

Tgt Ion: 63 Resp: 928260
 Ion Ratio Lower Upper
 63 100
 98 5.9 2.9 8.8
 100 3.6 1.8 5.4





#25

2-Butanone

Concen: 259.052 ug/l

RT: 6.380 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VR026691.D

Acq: 4 Aug 2025 12:00

Instrument :

MSVOA_R

ClientSampleId :

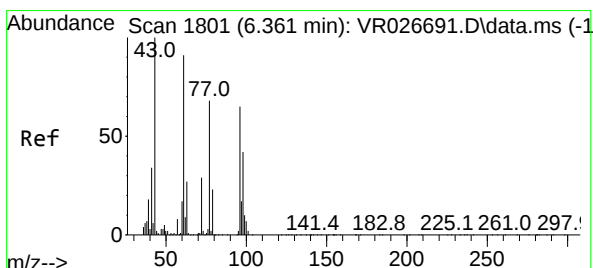
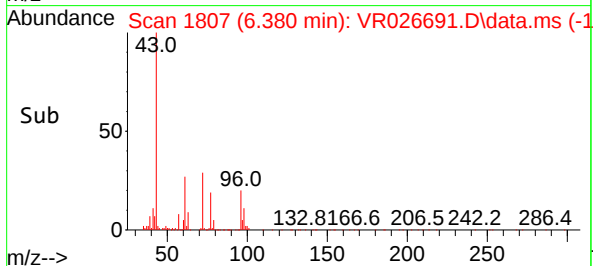
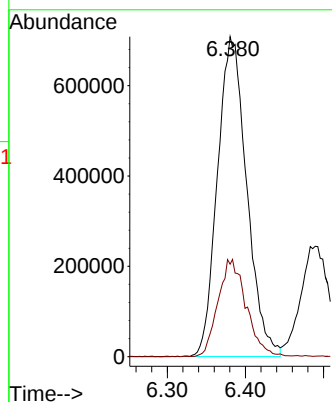
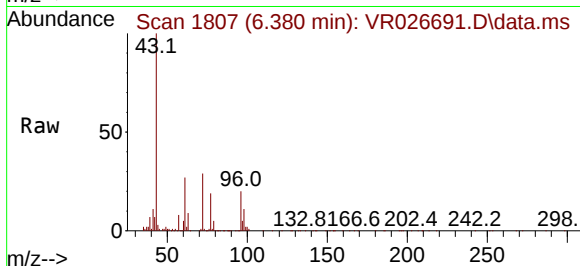
VSTDICCC050

Tgt Ion: 43 Resp: 1843323

Ion Ratio Lower Upper

43 100

72 28.9 23.1 34.7



#26

2,2-Dichloropropane

Concen: 50.681 ug/l

RT: 6.361 min Scan# 1801

Delta R.T. 0.000 min

Lab File: VR026691.D

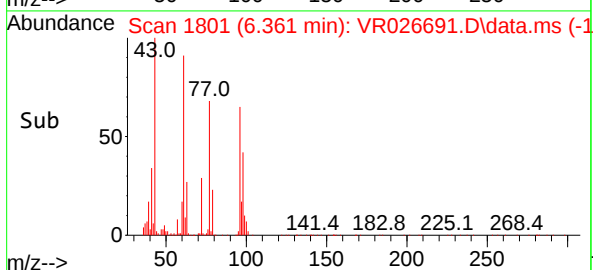
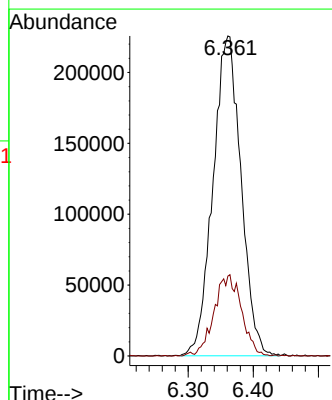
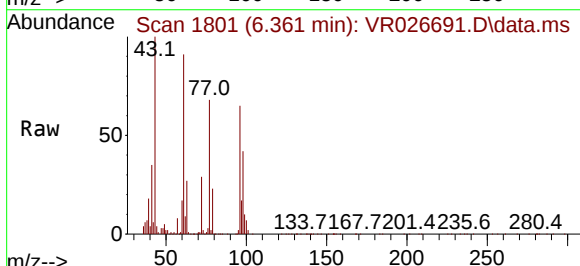
Acq: 4 Aug 2025 12:00

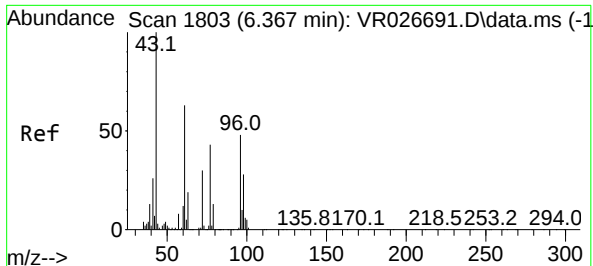
Tgt Ion: 77 Resp: 673403

Ion Ratio Lower Upper

77 100

97 24.5 12.3 36.8

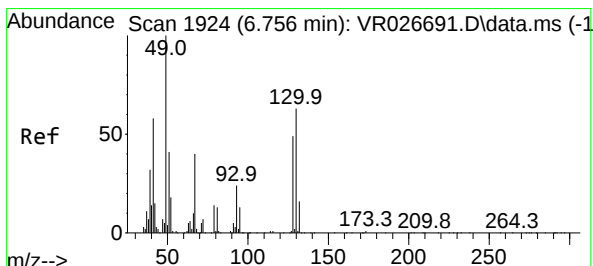
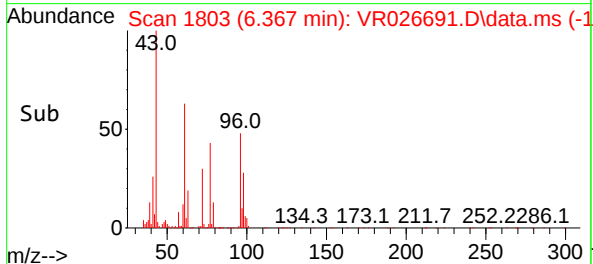
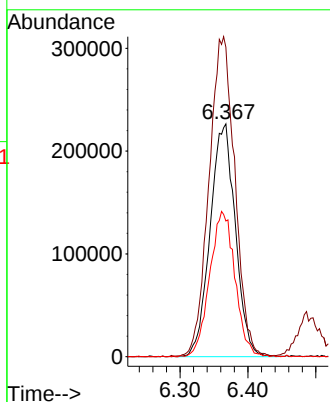
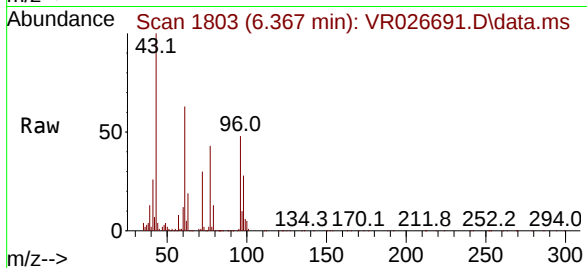




#27
 cis-1,2-Dichloroethene
 Concen: 50.239 ug/l
 RT: 6.367 min Scan# 1803
 Delta R.T. 0.000 min
 Lab File: VR026691.D
 Acq: 4 Aug 2025 12:00

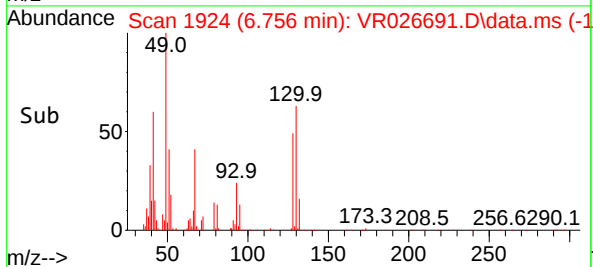
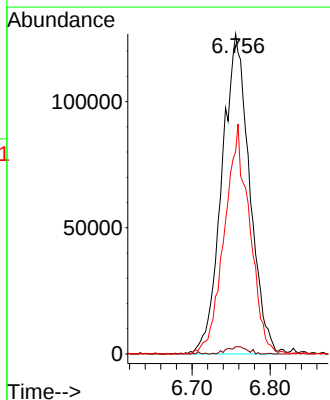
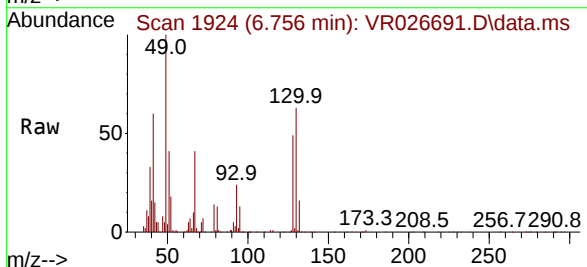
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDICCC050

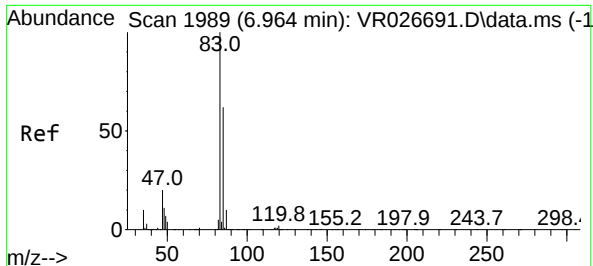
Tgt Ion: 96 Resp: 584943
 Ion Ratio Lower Upper
 96 100
 61 139.9 0.0 279.8
 98 62.6 0.0 125.2



#28
 Bromochloromethane
 Concen: 45.169 ug/l
 RT: 6.756 min Scan# 1924
 Delta R.T. 0.000 min
 Lab File: VR026691.D
 Acq: 4 Aug 2025 12:00

Tgt Ion: 49 Resp: 312834
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.4
 130 65.3 52.2 78.4





#29

Chloroform

Concen: 49.839 ug/l

RT: 6.964 min Scan# 1989

Delta R.T. 0.000 min

Lab File: VR026691.D

Acq: 4 Aug 2025 12:00

Instrument :

MSVOA_R

ClientSampleId :

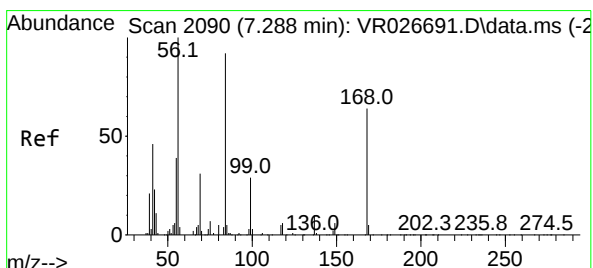
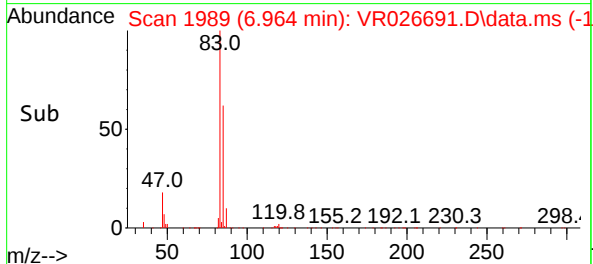
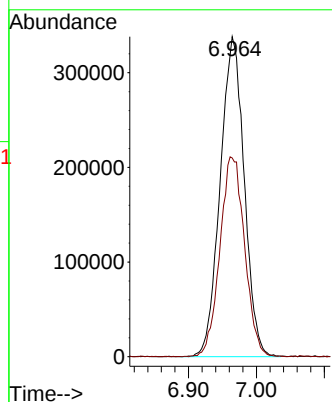
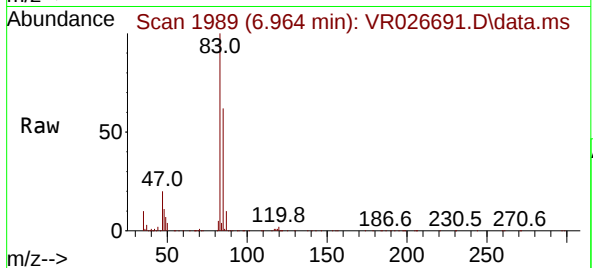
VSTDICCC050

Tgt Ion: 83 Resp: 829764

Ion Ratio Lower Upper

83 100

85 62.0 49.6 74.4



#30

Cyclohexane

Concen: 45.907 ug/l

RT: 7.288 min Scan# 2090

Delta R.T. 0.000 min

Lab File: VR026691.D

Acq: 4 Aug 2025 12:00

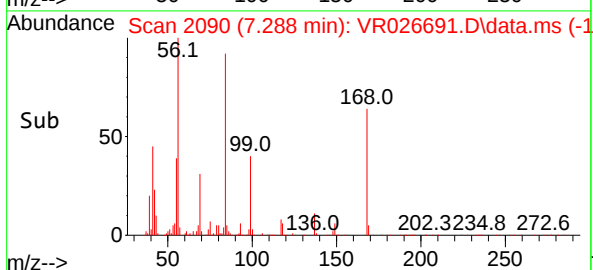
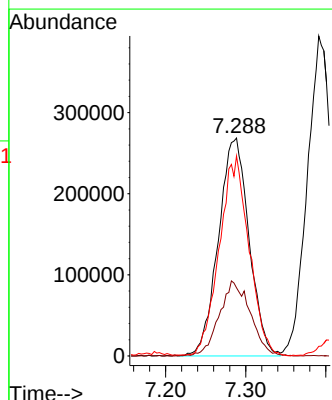
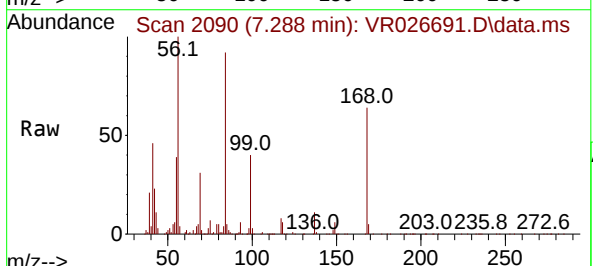
Tgt Ion: 56 Resp: 712555

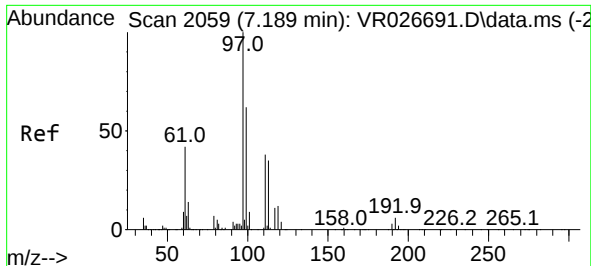
Ion Ratio Lower Upper

56 100

69 31.0 24.8 37.2

84 91.4 73.1 109.7



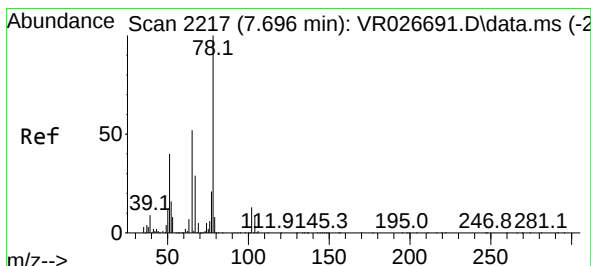
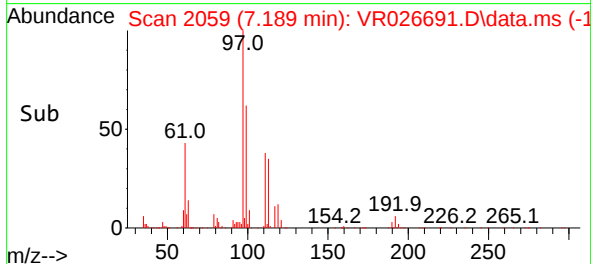
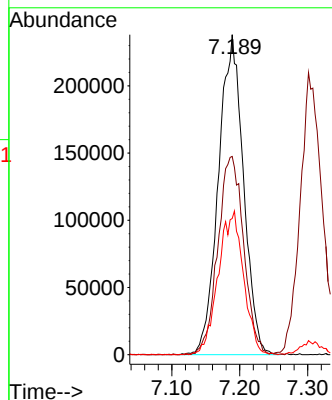
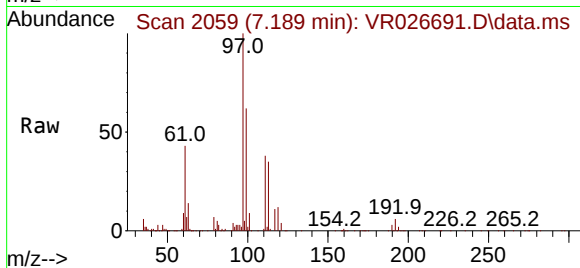


#31
 1,1,1-Trichloroethane
 Concen: 50.615 ug/l
 RT: 7.189 min Scan# 2059
 Delta R.T. 0.000 min
 Lab File: VR026691.D
 Acq: 4 Aug 2025 12:00

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 97 Resp: 608873

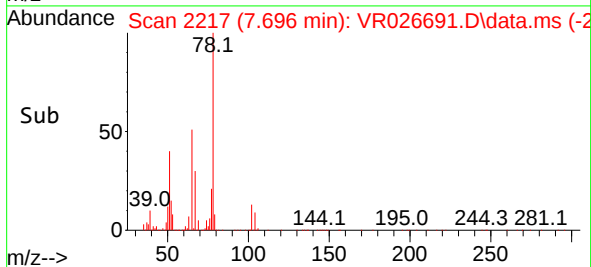
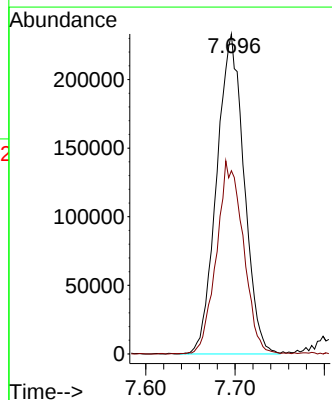
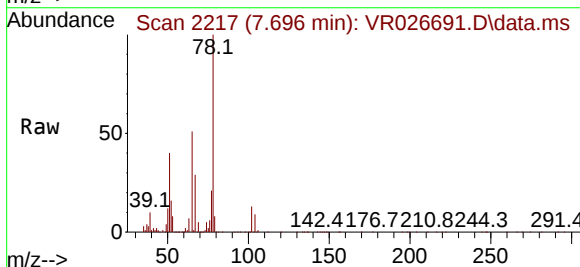
Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.0	76.6
61	45.4	36.3	54.5

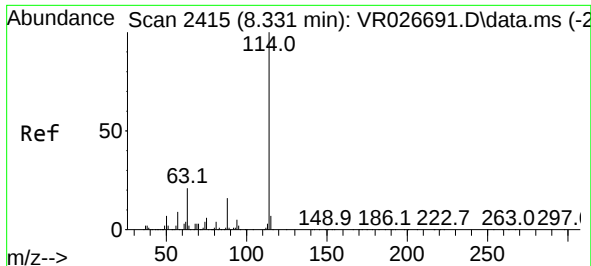


#32
 1,2-Dichloroethane-d4
 Concen: 50.696 ug/l
 RT: 7.696 min Scan# 2217
 Delta R.T. 0.000 min
 Lab File: VR026691.D
 Acq: 4 Aug 2025 12:00

Tgt Ion: 65 Resp: 496576

Ion	Ratio	Lower	Upper
65	100		
67	59.2	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: VR026691.D

Acq: 4 Aug 2025 12:00

Instrument :

MSVOA_R

ClientSampleId :

VSTDICCC050

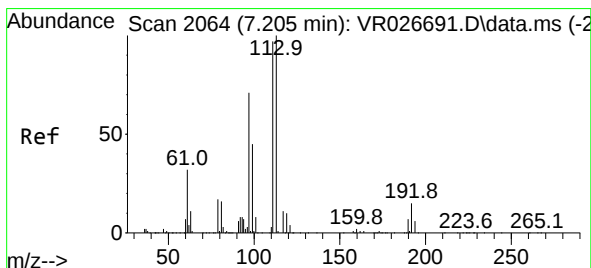
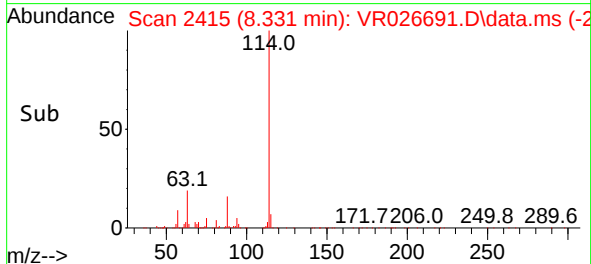
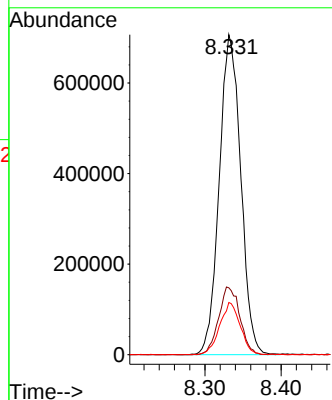
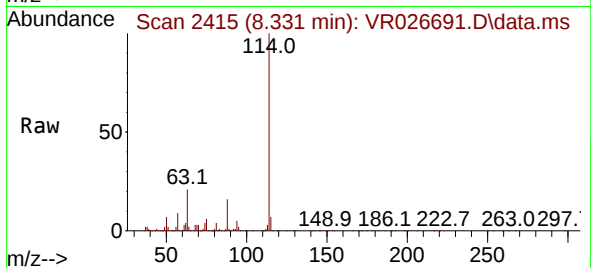
Tgt Ion:114 Resp: 1385026

Ion Ratio Lower Upper

114 100

63 20.8 0.0 41.6

88 16.3 0.0 32.6



#34

Dibromofluoromethane

Concen: 51.792 ug/l

RT: 7.205 min Scan# 2064

Delta R.T. 0.000 min

Lab File: VR026691.D

Acq: 4 Aug 2025 12:00

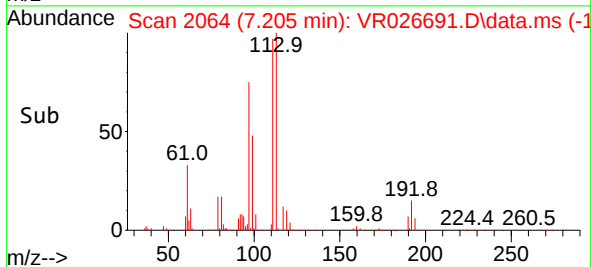
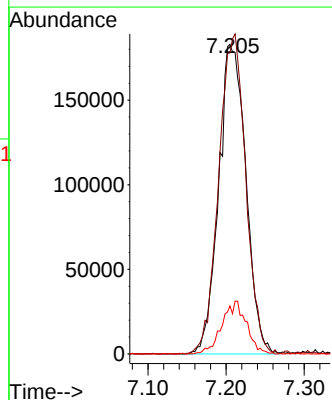
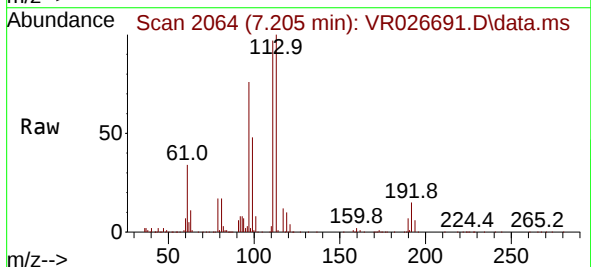
Tgt Ion:113 Resp: 443674

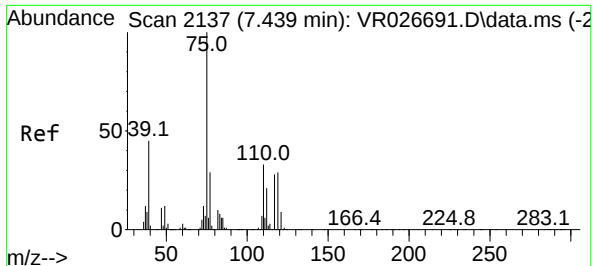
Ion Ratio Lower Upper

113 100

111 102.1 81.7 122.5

192 15.4 12.3 18.5

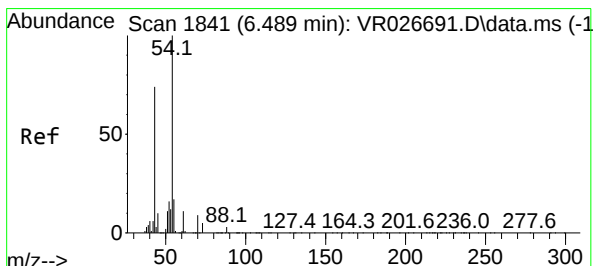
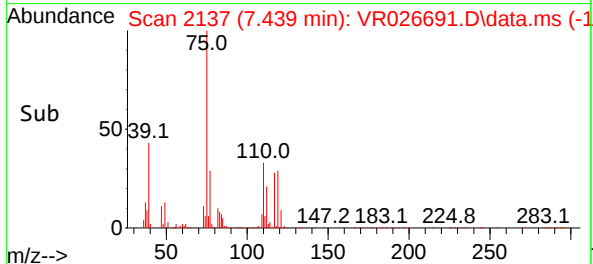
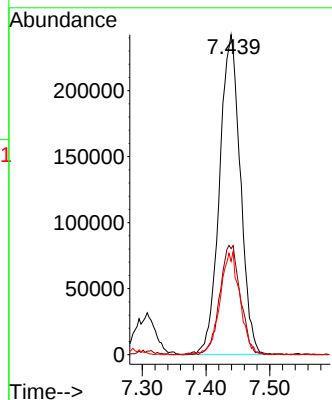
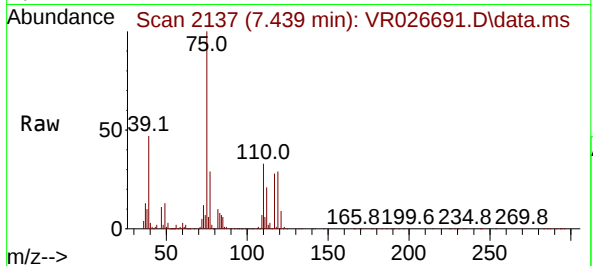




#35
1,1-Dichloropropene
Concen: 50.753 ug/l
RT: 7.439 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VR026691.D
Acq: 4 Aug 2025 12:00

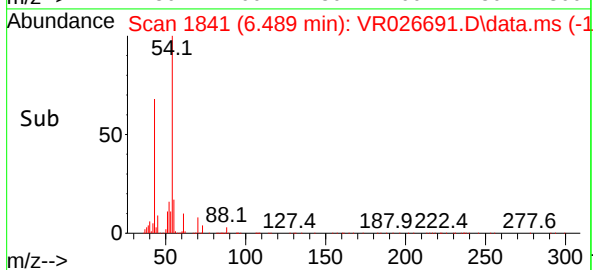
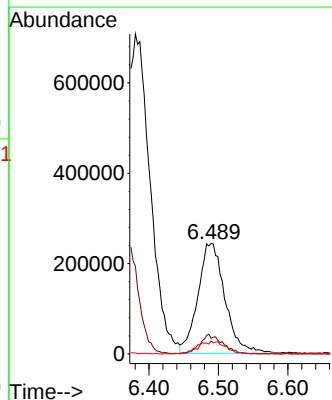
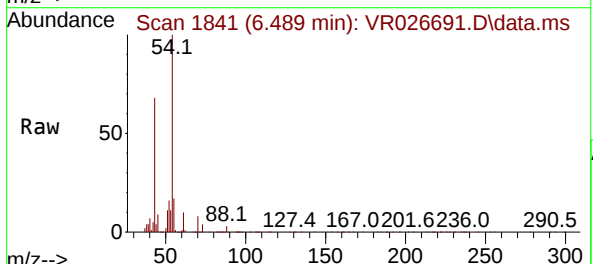
Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050

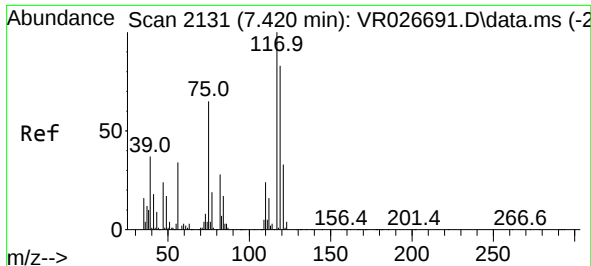
Tgt Ion: 75 Resp: 548488
Ion Ratio Lower Upper
75 100
110 33.9 17.0 50.9
77 30.8 24.6 37.0



#36
Ethyl Acetate
Concen: 50.879 ug/l
RT: 6.489 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VR026691.D
Acq: 4 Aug 2025 12:00

Tgt Ion: 43 Resp: 658269
Ion Ratio Lower Upper
43 100
61 15.0 12.0 18.0
70 11.3 9.0 13.6

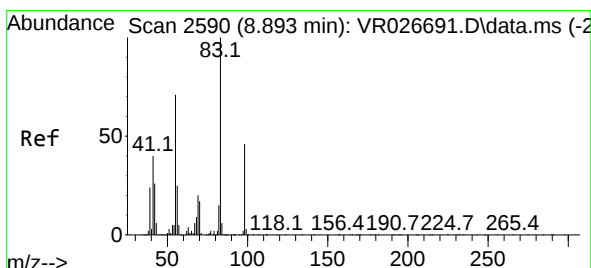
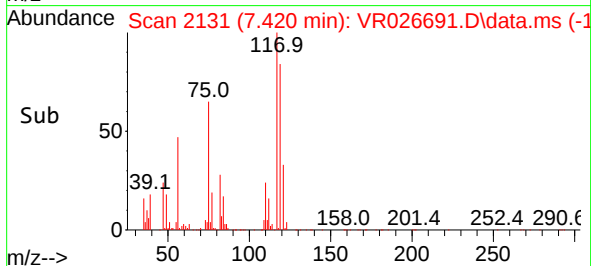
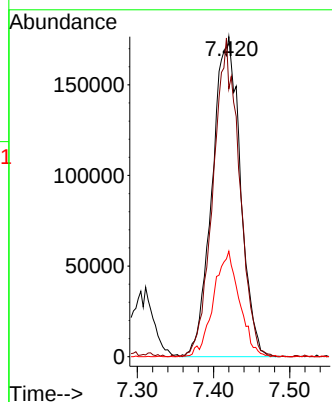
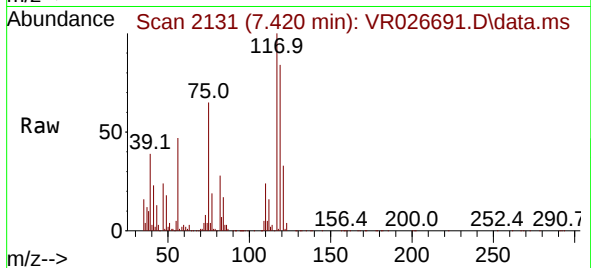




#37
Carbon Tetrachloride
Concen: 51.380 ug/l
RT: 7.420 min Scan# 2131
Delta R.T. 0.000 min
Lab File: VR026691.D
Acq: 4 Aug 2025 12:00

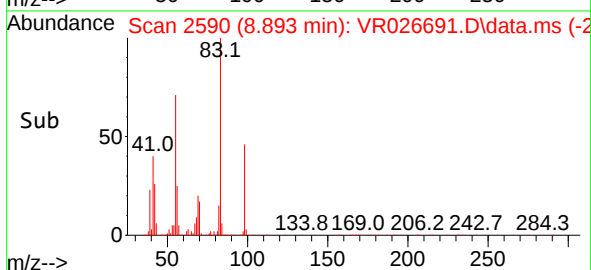
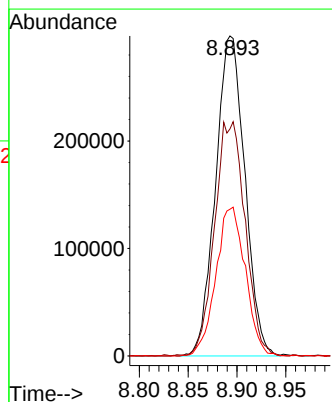
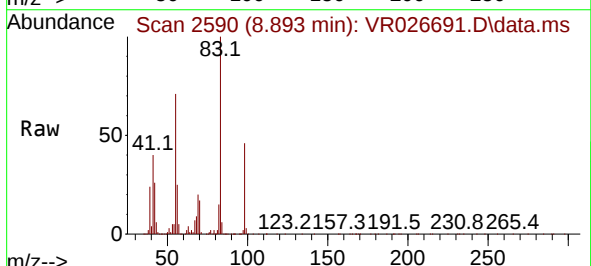
Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050

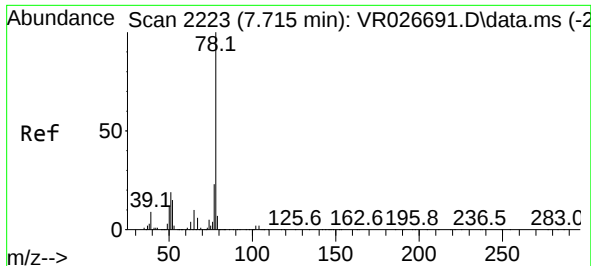
Tgt Ion: 117 Resp: 452217
Ion Ratio Lower Upper
117 100
119 83.7 67.0 100.4
121 32.9 26.3 39.5



#38
Methylcyclohexane
Concen: 50.242 ug/l
RT: 8.893 min Scan# 2590
Delta R.T. 0.000 min
Lab File: VR026691.D
Acq: 4 Aug 2025 12:00

Tgt Ion: 83 Resp: 621519
Ion Ratio Lower Upper
83 100
55 70.9 56.7 85.1
98 45.9 36.7 55.1

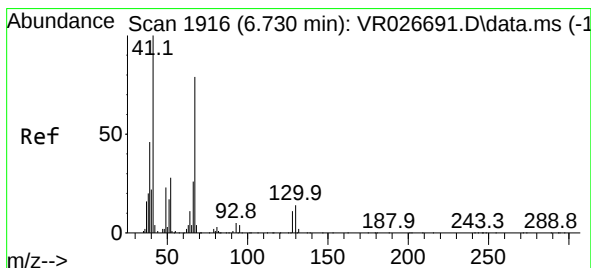
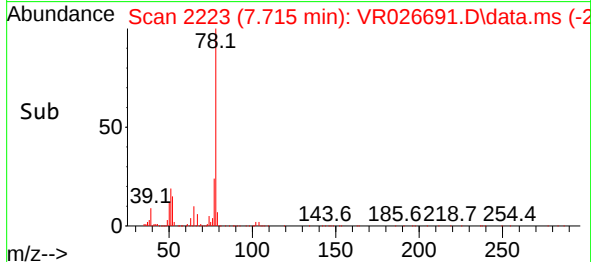
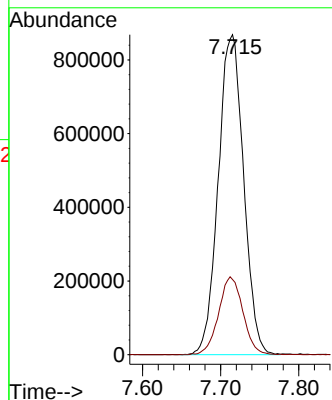
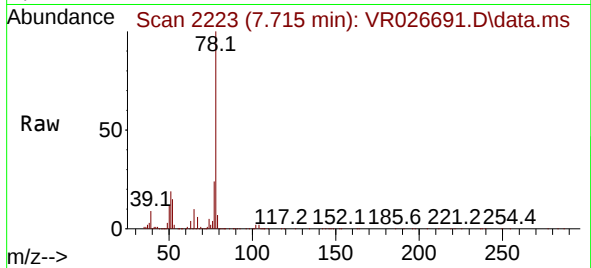




#39
Benzene
Concen: 50.371 ug/l
RT: 7.715 min Scan# 211
Delta R.T. 0.000 min
Lab File: VR026691.D
Acq: 4 Aug 2025 12:00

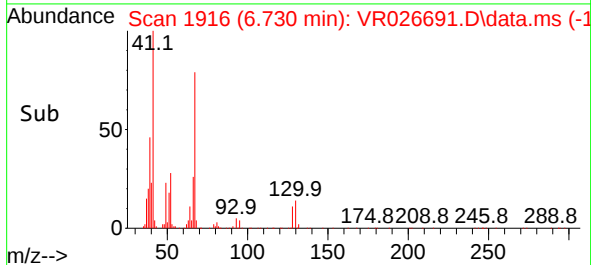
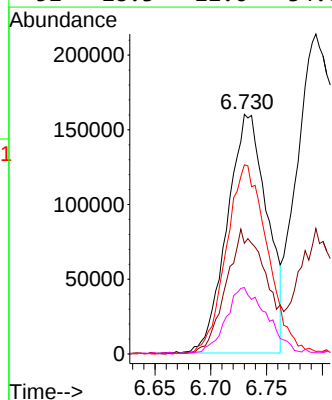
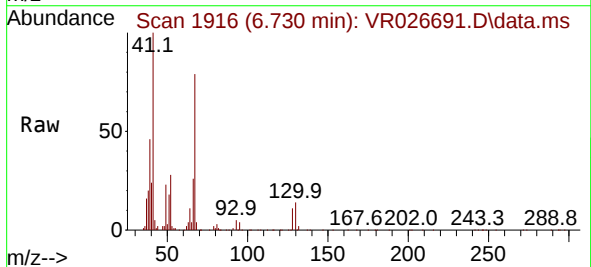
Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050

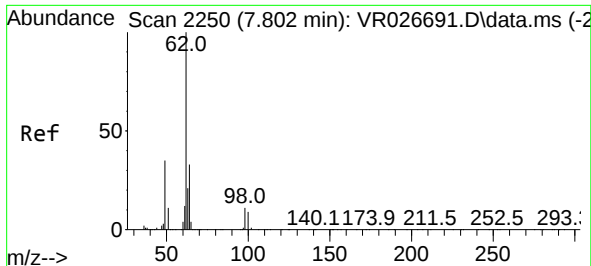
Tgt Ion: 78 Resp: 1960331
Ion Ratio Lower Upper
78 100
77 23.5 18.8 28.2



#40
Methacrylonitrile
Concen: 49.393 ug/l
RT: 6.730 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VR026691.D
Acq: 4 Aug 2025 12:00

Tgt Ion: 41 Resp: 397142
Ion Ratio Lower Upper
41 100
39 53.0 42.4 63.6
67 82.0 65.6 98.4
52 28.3 22.6 34.0

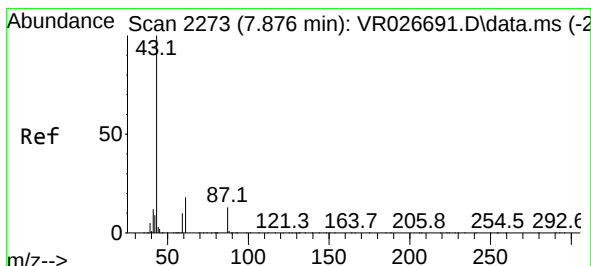
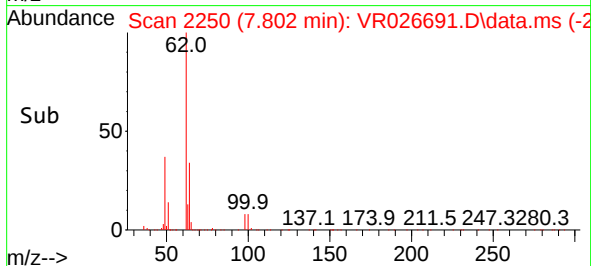
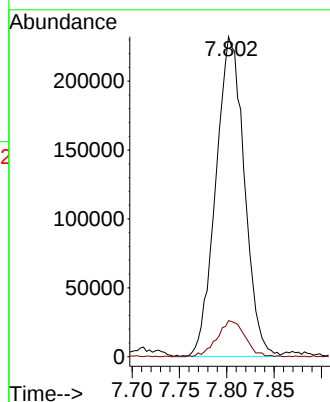
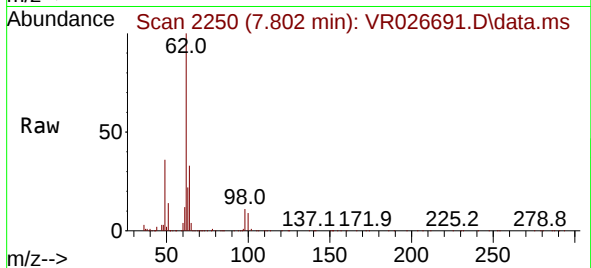




#41
1,2-Dichloroethane
Concen: 49.018 ug/l
RT: 7.802 min Scan# 21
Delta R.T. 0.000 min
Lab File: VR026691.D
Acq: 4 Aug 2025 12:00

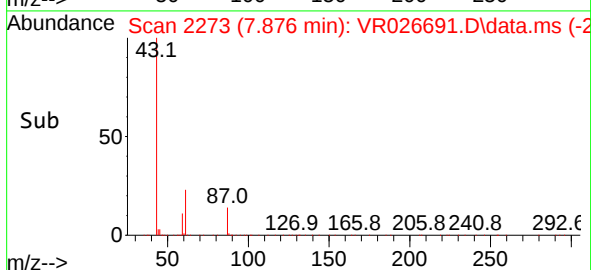
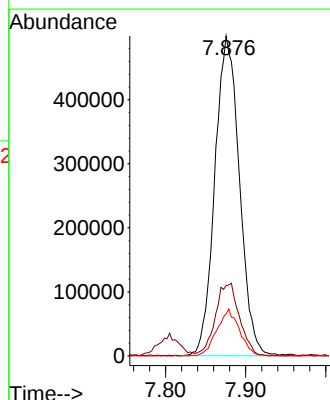
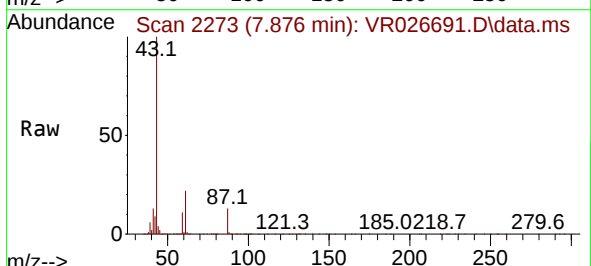
Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050

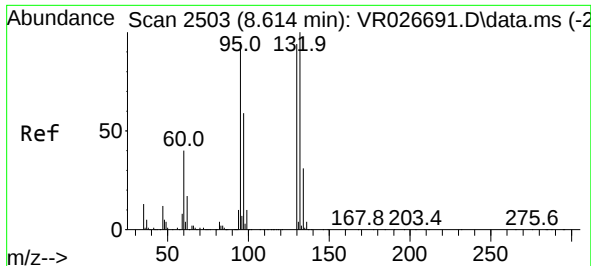
Tgt Ion: 62 Resp: 485214
Ion Ratio Lower Upper
62 100
98 11.1 0.0 22.2



#42
Isopropyl Acetate
Concen: 51.105 ug/l
RT: 7.876 min Scan# 2273
Delta R.T. 0.000 min
Lab File: VR026691.D
Acq: 4 Aug 2025 12:00

Tgt Ion: 43 Resp: 1063162
Ion Ratio Lower Upper
43 100
61 22.4 17.9 26.9
87 13.5 10.8 16.2





#43

Trichloroethene

Concen: 48.722 ug/l

RT: 8.614 min Scan# 2503

Delta R.T. 0.000 min

Lab File: VR026691.D

Acq: 4 Aug 2025 12:00

Instrument :

MSVOA_R

ClientSampleId :

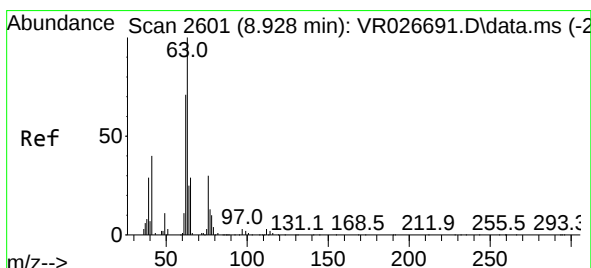
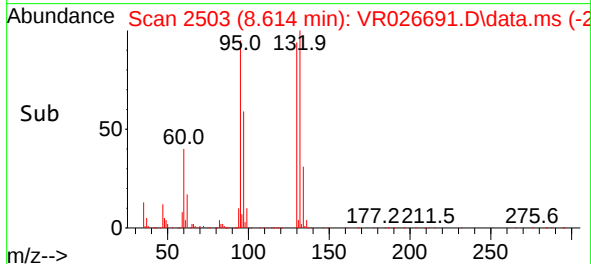
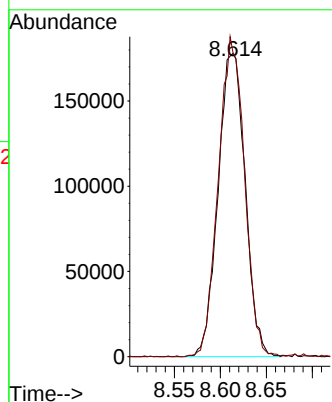
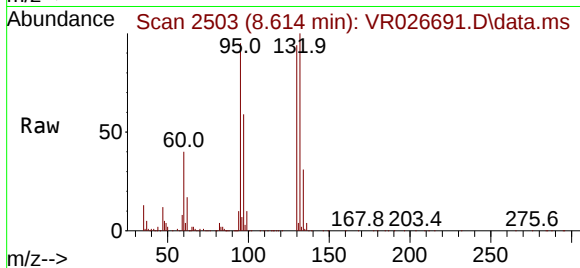
VSTDICCC050

Tgt Ion:130 Resp: 364656

Ion Ratio Lower Upper

130 100

95 100.3 0.0 200.6



#44

1,2-Dichloropropane

Concen: 49.019 ug/l

RT: 8.928 min Scan# 2601

Delta R.T. 0.000 min

Lab File: VR026691.D

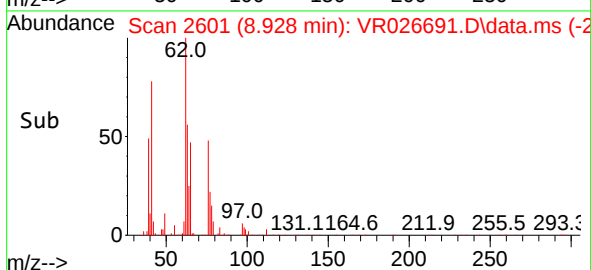
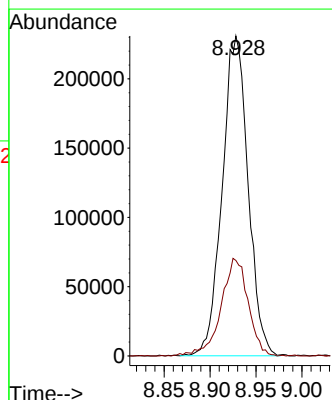
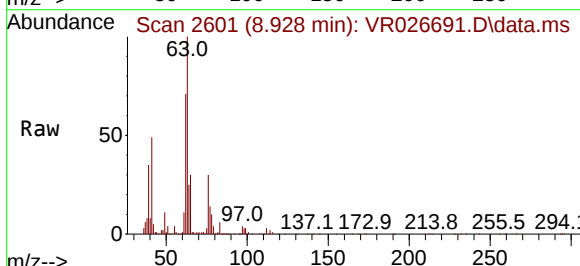
Acq: 4 Aug 2025 12:00

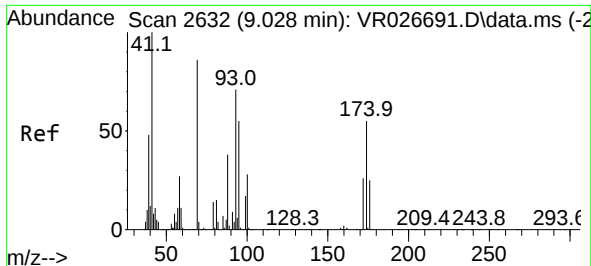
Tgt Ion: 63 Resp: 451455

Ion Ratio Lower Upper

63 100

65 29.8 23.8 35.8

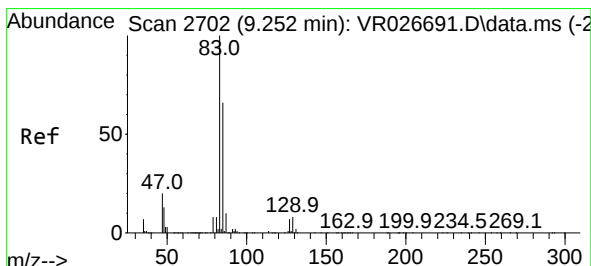
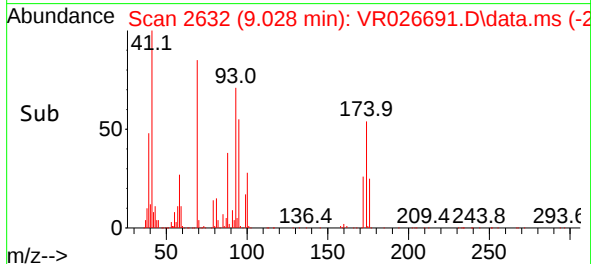
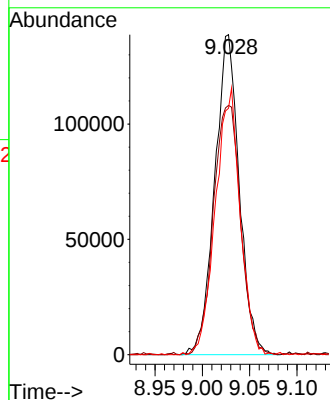
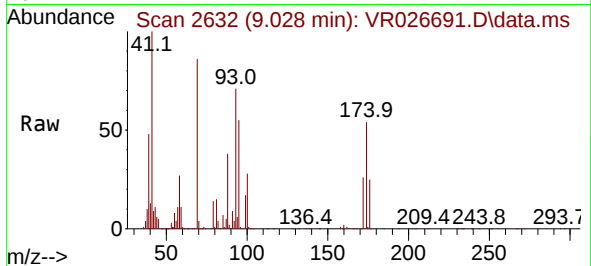




#45
Dibromomethane
Concen: 48.696 ug/l
RT: 9.028 min Scan# 2632
Delta R.T. 0.000 min
Lab File: VR026691.D
Acq: 4 Aug 2025 12:00

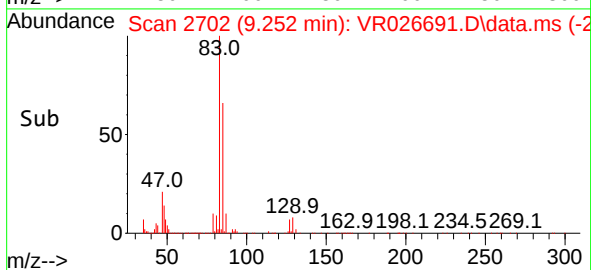
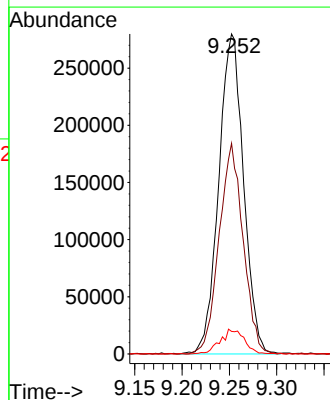
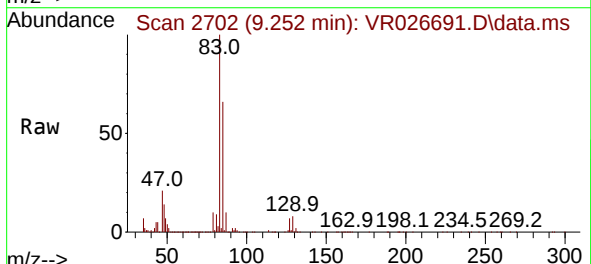
Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050

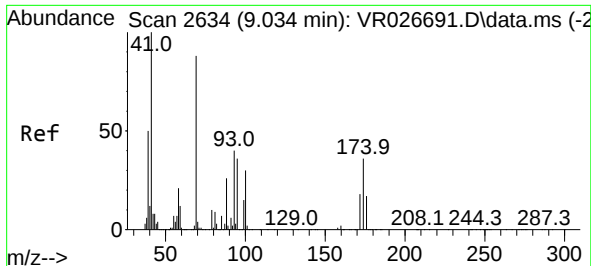
Tgt Ion: 93 Resp: 249415
Ion Ratio Lower Upper
93 100
95 86.7 69.4 104.0
174 83.6 66.9 100.3



#46
Bromodichloromethane
Concen: 51.324 ug/l
RT: 9.252 min Scan# 2702
Delta R.T. 0.000 min
Lab File: VR026691.D
Acq: 4 Aug 2025 12:00

Tgt Ion: 83 Resp: 509344
Ion Ratio Lower Upper
83 100
85 65.7 52.6 78.8
127 6.9 5.5 8.3

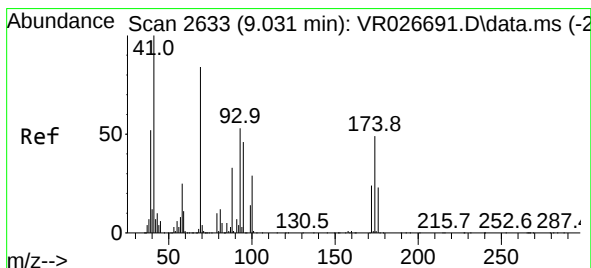
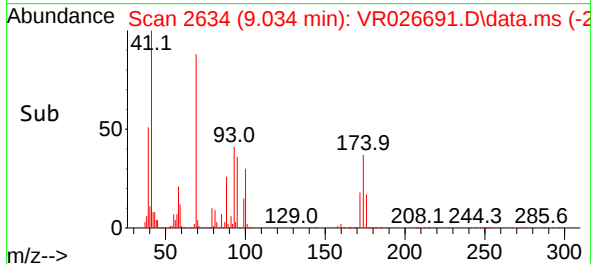
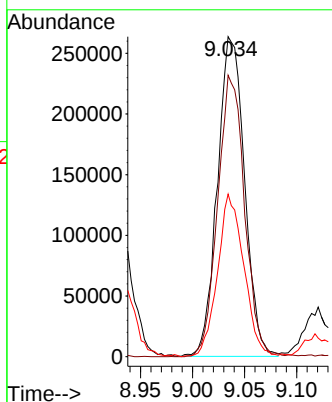
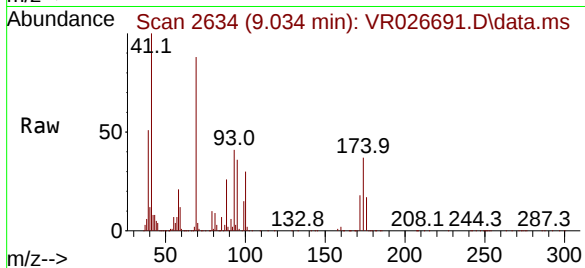




#47
Methyl methacrylate
Concen: 52.447 ug/l
RT: 9.034 min Scan# 2634
Delta R.T. 0.000 min
Lab File: VR026691.D
Acq: 4 Aug 2025 12:00

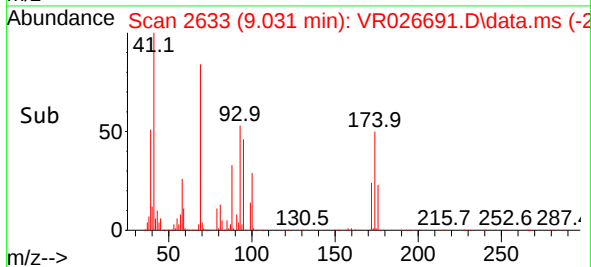
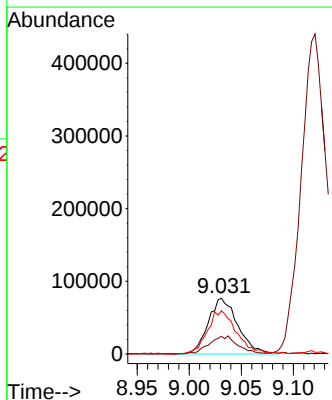
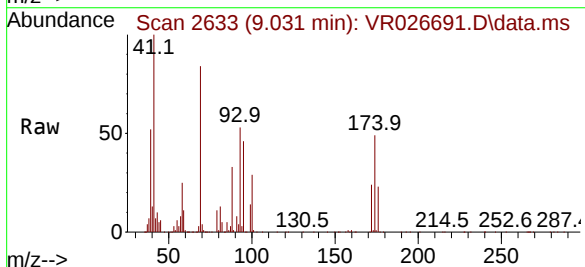
Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050

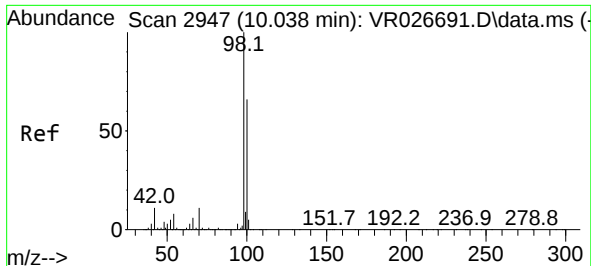
Tgt Ion: 41 Resp: 477535
Ion Ratio Lower Upper
41 100
69 87.2 69.8 104.6
39 49.3 39.4 59.2



#48
1,4-Dioxane
Concen: 1028.333 ug/l
RT: 9.031 min Scan# 2633
Delta R.T. 0.000 min
Lab File: VR026691.D
Acq: 4 Aug 2025 12:00

Tgt Ion: 88 Resp: 150821
Ion Ratio Lower Upper
88 100
43 31.5 25.2 37.8
58 76.0 60.8 91.2

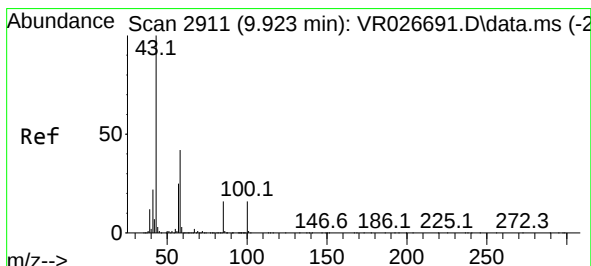
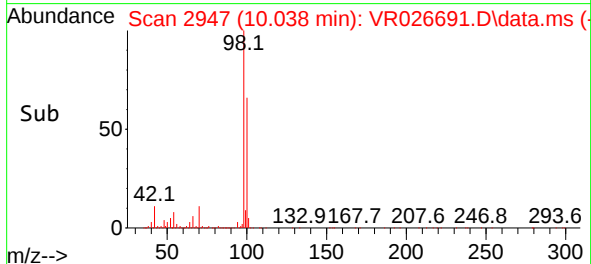
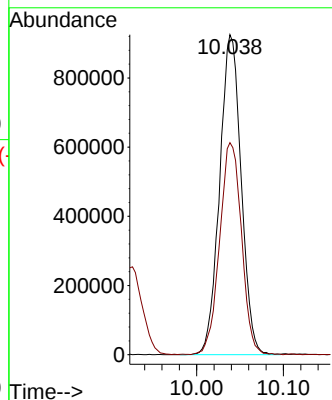
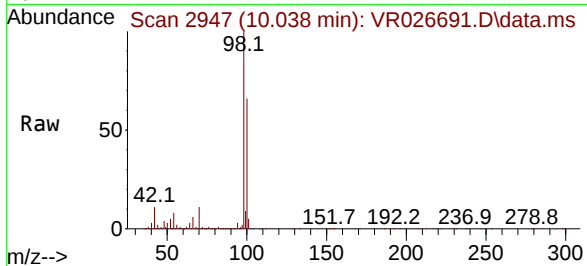




#49
Toluene-d8
Concen: 51.807 ug/l
RT: 10.038 min Scan# 2947
Delta R.T. 0.000 min
Lab File: VR026691.D
Acq: 4 Aug 2025 12:00

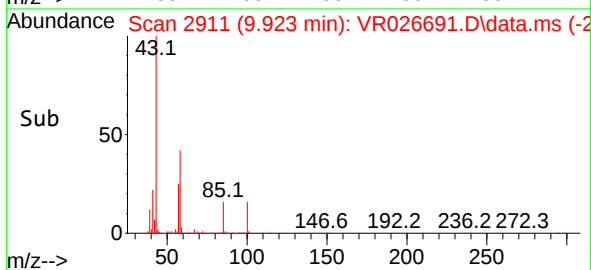
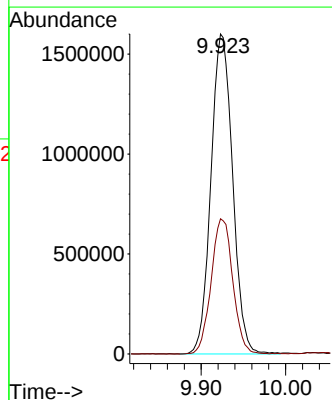
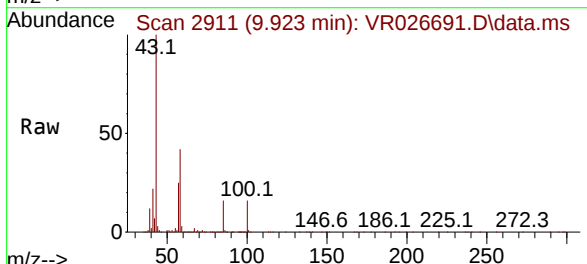
Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050

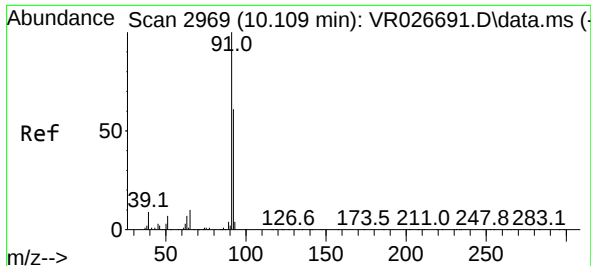
Tgt Ion: 98 Resp: 1589979
Ion Ratio Lower Upper
98 100
100 67.4 53.9 80.9



#50
4-Methyl-2-Pentanone
Concen: 262.917 ug/l
RT: 9.923 min Scan# 2911
Delta R.T. 0.000 min
Lab File: VR026691.D
Acq: 4 Aug 2025 12:00

Tgt Ion: 43 Resp: 2855515
Ion Ratio Lower Upper
43 100
58 42.1 33.7 50.5

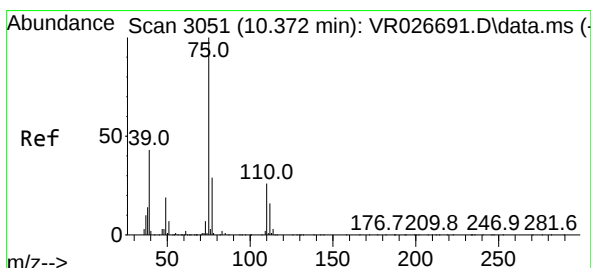
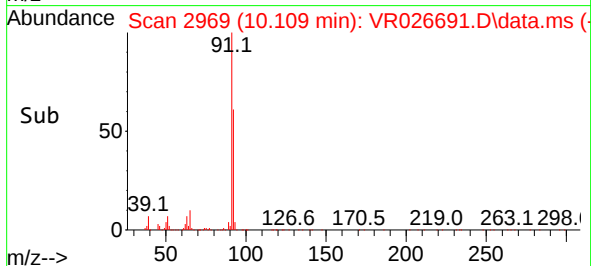
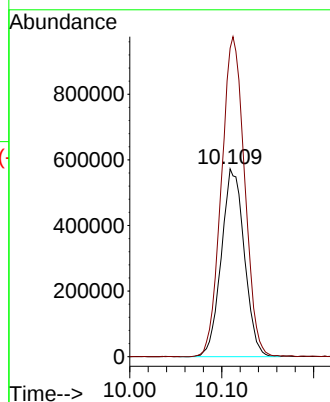
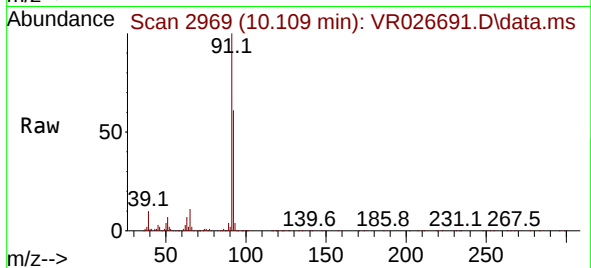




#51
Toluene
Concen: 50.086 ug/l
RT: 10.109 min Scan# 2969
Delta R.T. 0.000 min
Lab File: VR026691.D
Acq: 4 Aug 2025 12:00

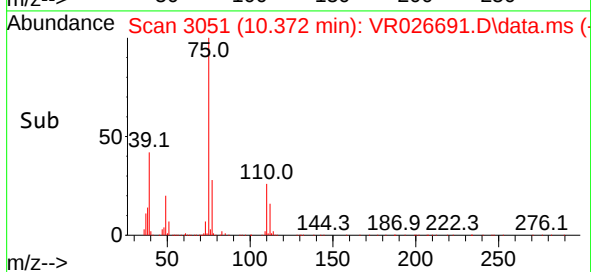
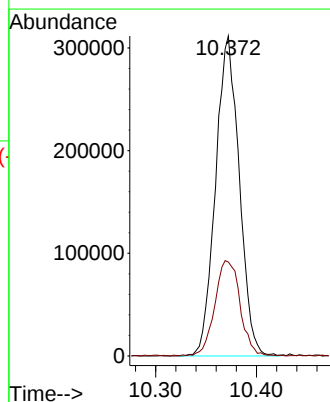
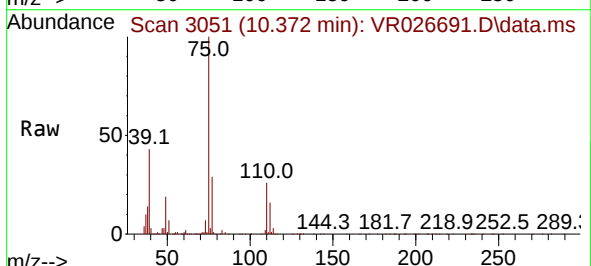
Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050

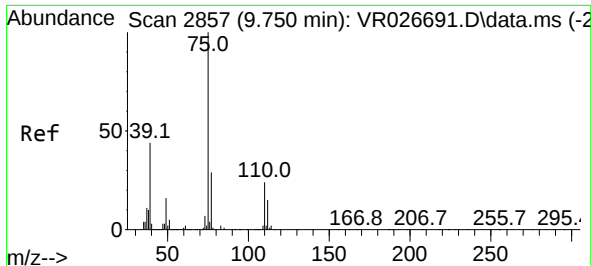
Tgt Ion: 92 Resp: 995055
Ion Ratio Lower Upper
92 100
91 172.2 137.8 206.6



#52
t-1,3-Dichloropropene
Concen: 52.298 ug/l
RT: 10.372 min Scan# 3051
Delta R.T. 0.000 min
Lab File: VR026691.D
Acq: 4 Aug 2025 12:00

Tgt Ion: 75 Resp: 508697
Ion Ratio Lower Upper
75 100
77 29.3 23.4 35.2

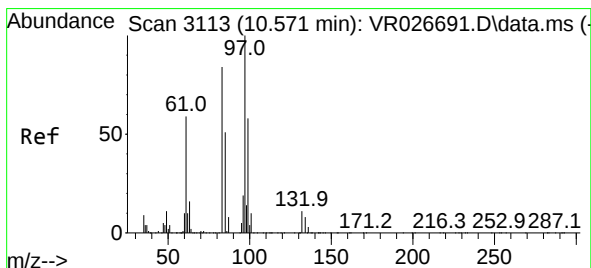
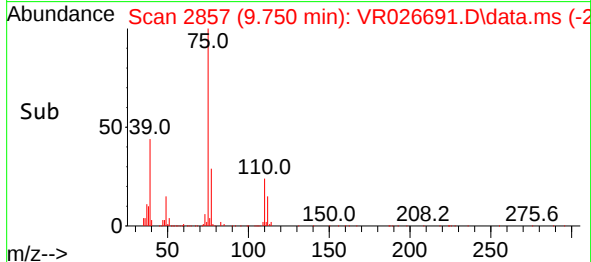
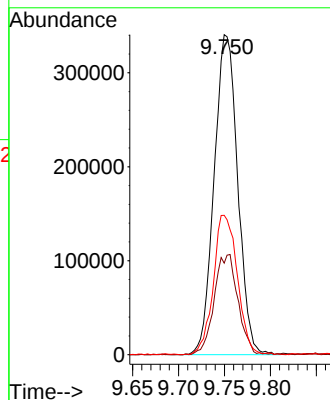
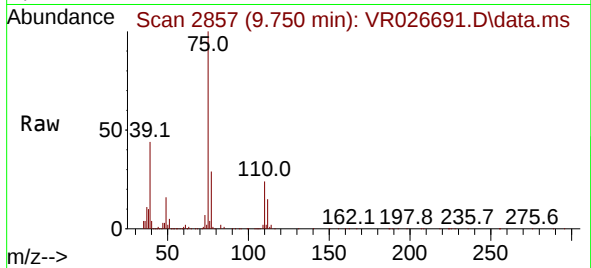




#53
 cis-1,3-Dichloropropene
 Concen: 52.096 ug/l
 RT: 9.750 min Scan# 2857
 Delta R.T. 0.000 min
 Lab File: VR026691.D
 Acq: 4 Aug 2025 12:00

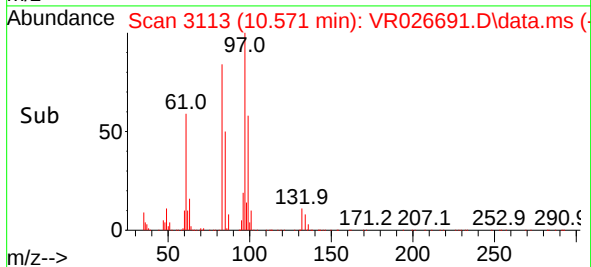
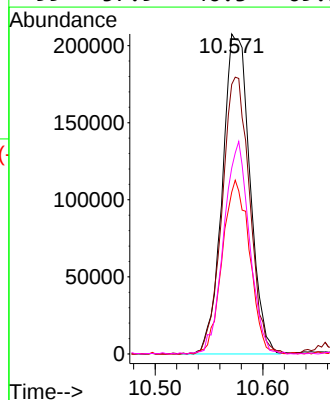
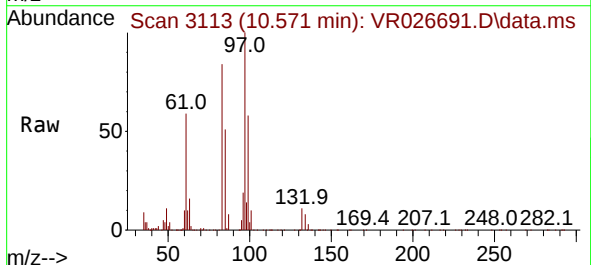
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDICCC050

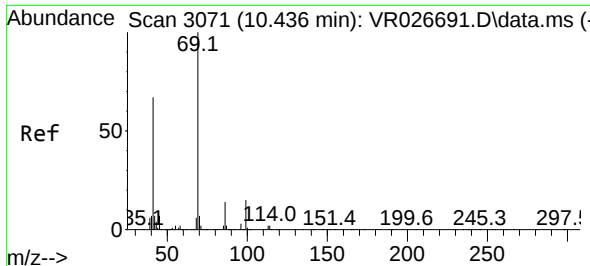
Tgt Ion: 75 Resp: 607813
 Ion Ratio Lower Upper
 75 100
 77 28.6 22.9 34.3
 39 43.5 34.8 52.2



#54
 1,1,2-Trichloroethane
 Concen: 50.702 ug/l
 RT: 10.571 min Scan# 3113
 Delta R.T. 0.000 min
 Lab File: VR026691.D
 Acq: 4 Aug 2025 12:00

Tgt Ion: 97 Resp: 367870
 Ion Ratio Lower Upper
 97 100
 83 84.3 67.4 101.2
 85 50.5 40.4 60.6
 99 57.9 46.3 69.5

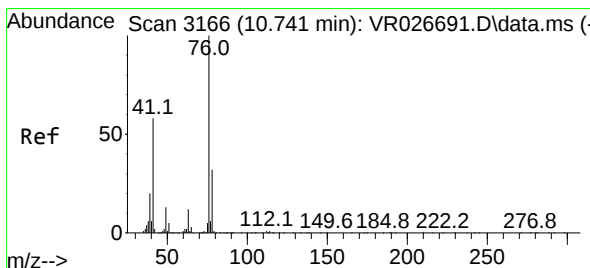
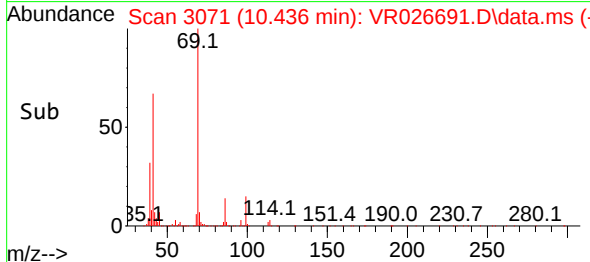
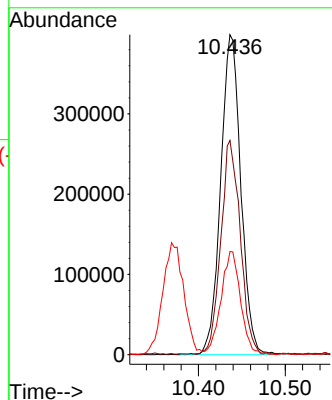
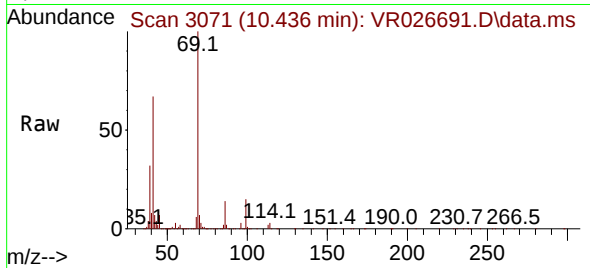




#55
 Ethyl methacrylate
 Concen: 53.658 ug/l
 RT: 10.436 min Scan# 3071
 Delta R.T. 0.000 min
 Lab File: VR026691.D
 Acq: 4 Aug 2025 12:00

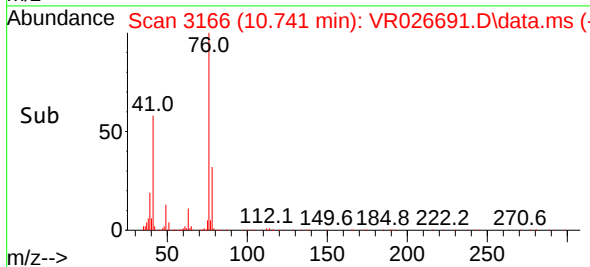
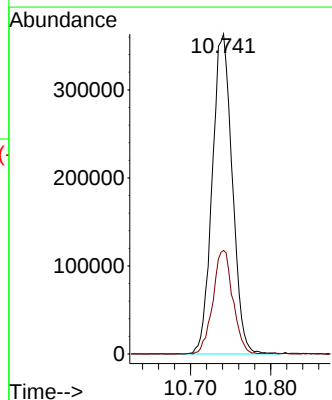
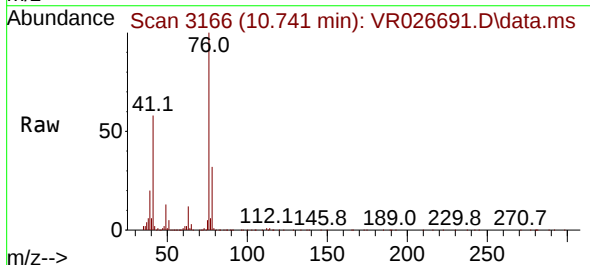
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDICCC050

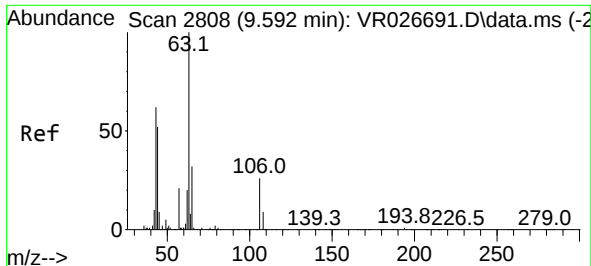
Tgt Ion: 69 Resp: 642927
 Ion Ratio Lower Upper
 69 100
 41 64.4 51.5 77.3
 39 30.9 24.7 37.1



#56
 1,3-Dichloropropane
 Concen: 51.061 ug/l
 RT: 10.741 min Scan# 3166
 Delta R.T. 0.000 min
 Lab File: VR026691.D
 Acq: 4 Aug 2025 12:00

Tgt Ion: 76 Resp: 631039
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.8 38.6

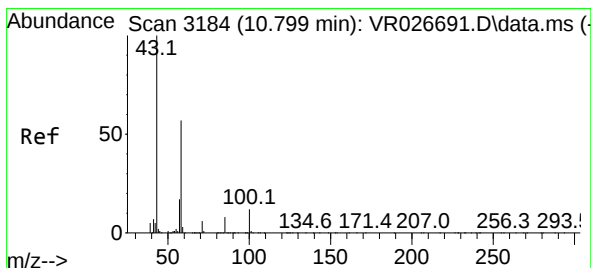
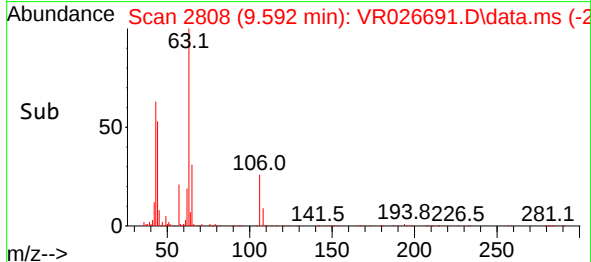
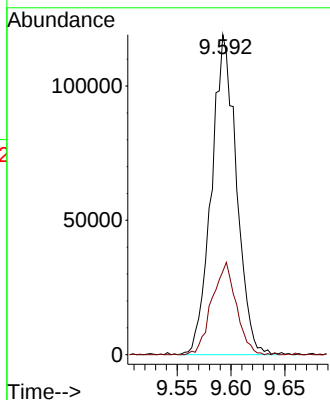
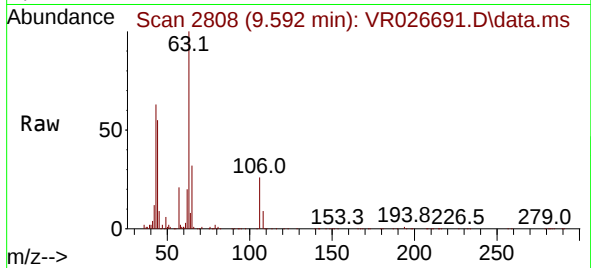




#57
2-Chloroethyl Vinyl ether
Concen: 289.900 ug/l
RT: 9.592 min Scan# 2808
Delta R.T. 0.000 min
Lab File: VR026691.D
Acq: 4 Aug 2025 12:00

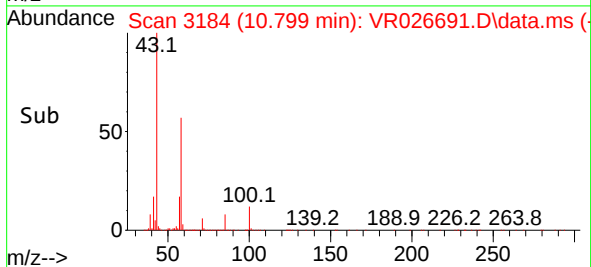
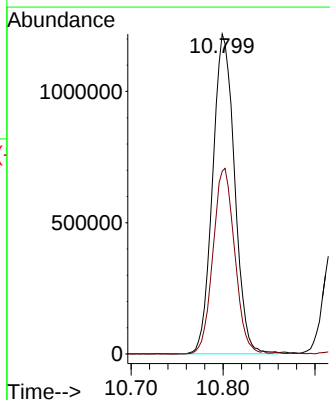
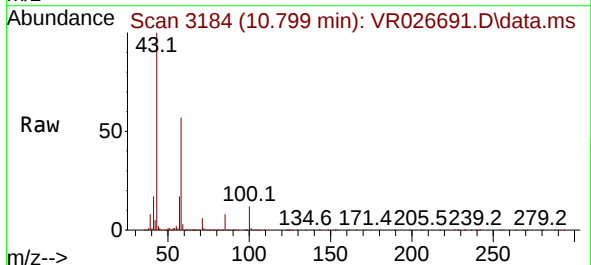
Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050

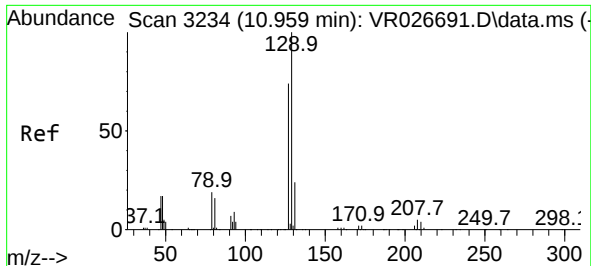
Tgt Ion: 63 Resp: 191957
Ion Ratio Lower Upper
63 100
106 28.1 22.5 33.7



#58
2-Hexanone
Concen: 275.840 ug/l
RT: 10.799 min Scan# 3184
Delta R.T. 0.000 min
Lab File: VR026691.D
Acq: 4 Aug 2025 12:00

Tgt Ion: 43 Resp: 2019641
Ion Ratio Lower Upper
43 100
58 57.6 28.8 86.4

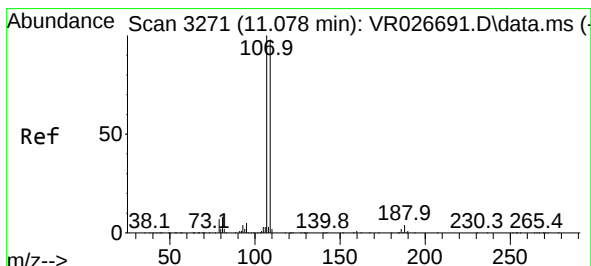
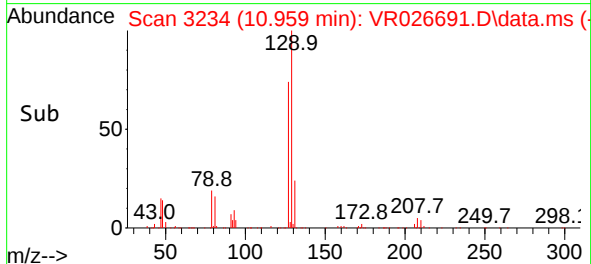
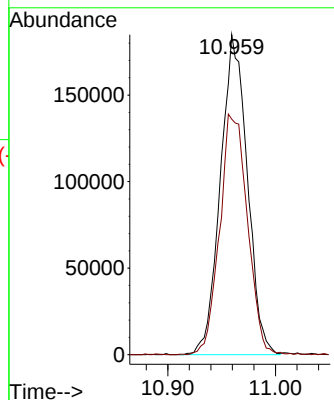
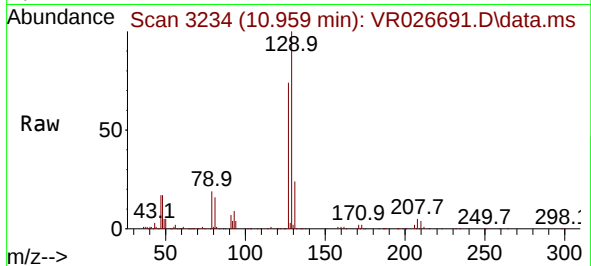




#59
Dibromochloromethane
Concen: 52.143 ug/l
RT: 10.959 min Scan# 3234
Delta R.T. 0.000 min
Lab File: VR026691.D
Acq: 4 Aug 2025 12:00

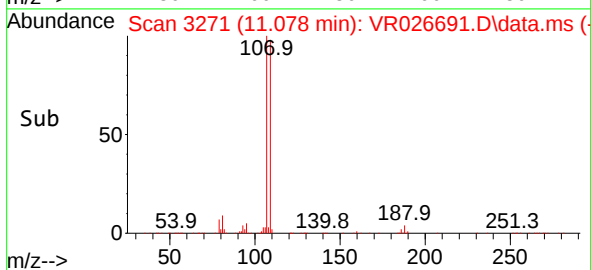
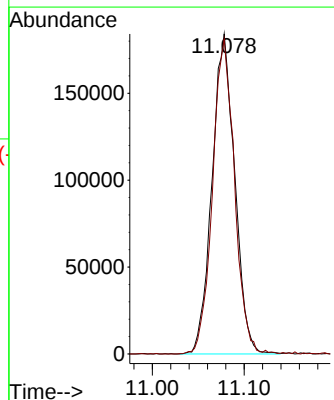
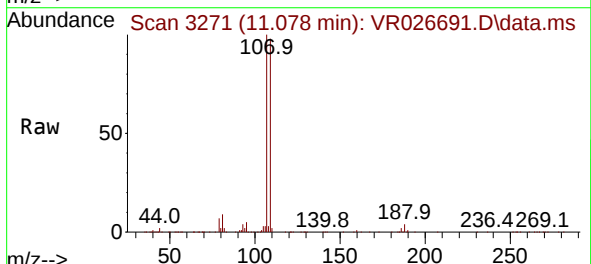
Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050

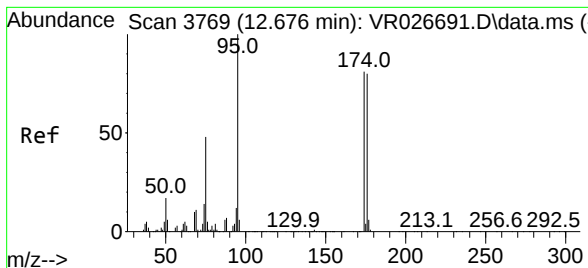
Tgt Ion:129 Resp: 320178
Ion Ratio Lower Upper
129 100
127 77.7 38.9 116.6



#60
1,2-Dibromoethane
Concen: 50.574 ug/l
RT: 11.078 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VR026691.D
Acq: 4 Aug 2025 12:00

Tgt Ion:107 Resp: 315814
Ion Ratio Lower Upper
107 100
109 94.9 75.9 113.9

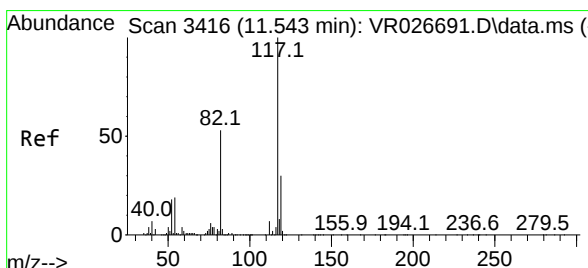
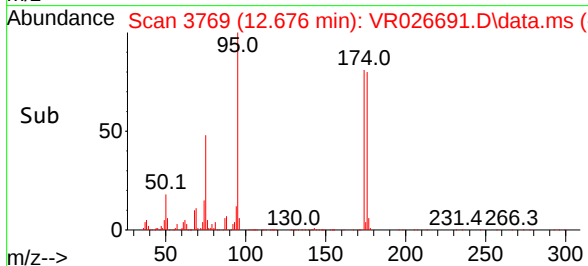
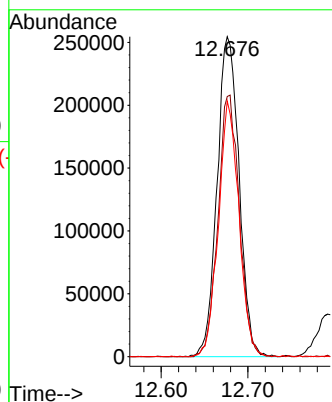
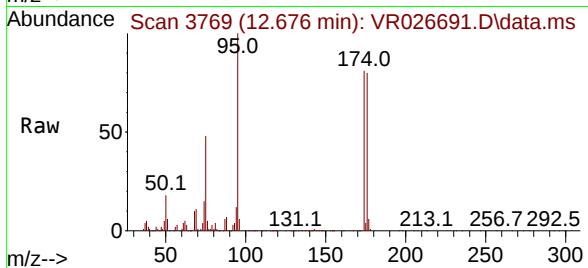




#61
4-Bromofluorobenzene
Concen: 51.322 ug/l
RT: 12.676 min Scan# 3769
Delta R.T. 0.000 min
Lab File: VR026691.D
Acq: 4 Aug 2025 12:00

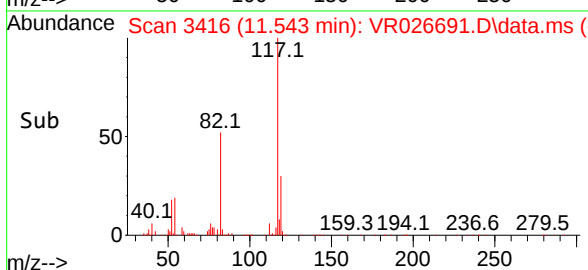
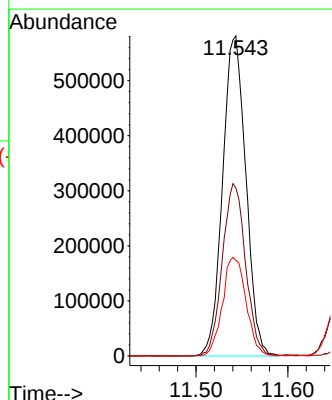
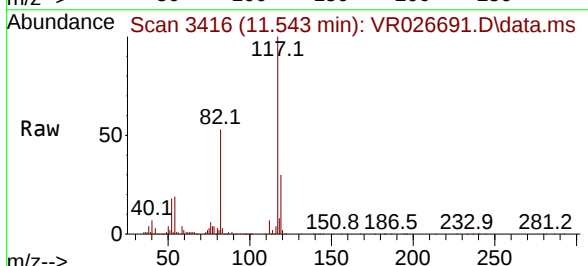
Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050

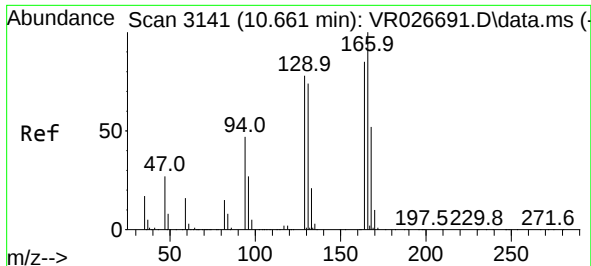
Tgt Ion: 95 Resp: 448000
Ion Ratio Lower Upper
95 100
174 79.2 0.0 158.4
176 74.5 0.0 149.0



#62
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.543 min Scan# 3416
Delta R.T. 0.000 min
Lab File: VR026691.D
Acq: 4 Aug 2025 12:00

Tgt Ion: 117 Resp: 1021787
Ion Ratio Lower Upper
117 100
82 52.5 42.0 63.0
119 29.9 23.9 35.9

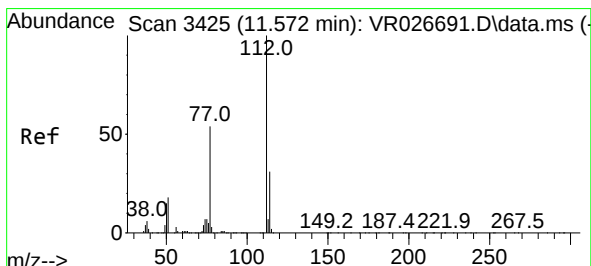
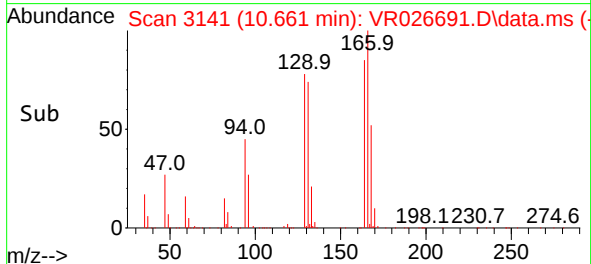
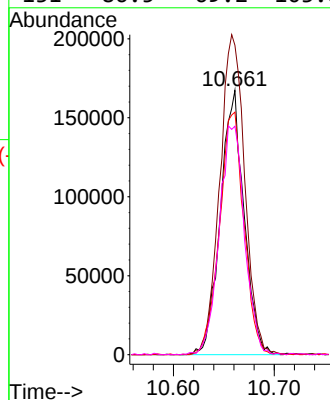
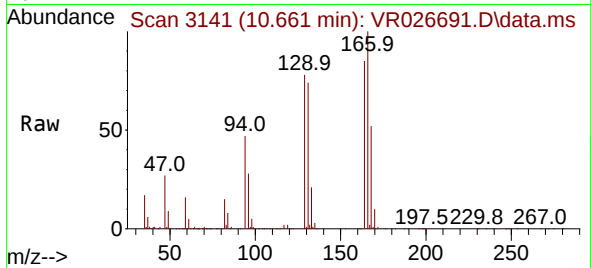




#63
Tetrachloroethene
Concen: 48.917 ug/l
RT: 10.661 min Scan# 3141
Delta R.T. 0.000 min
Lab File: VR026691.D
Acq: 4 Aug 2025 12:00

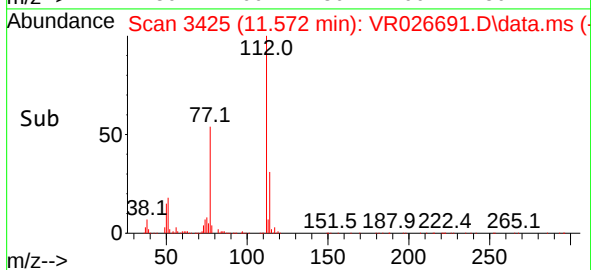
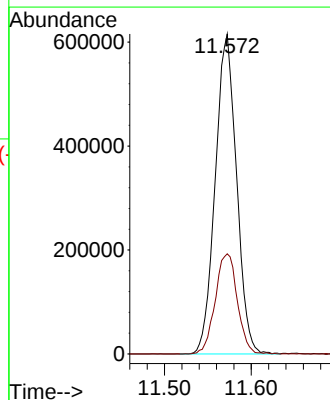
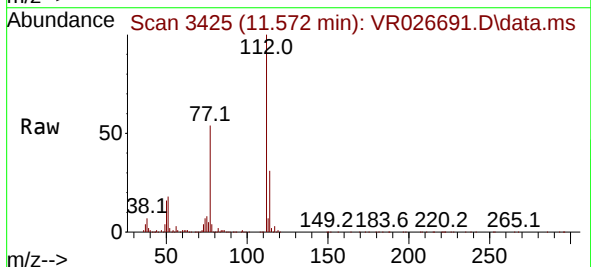
Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050

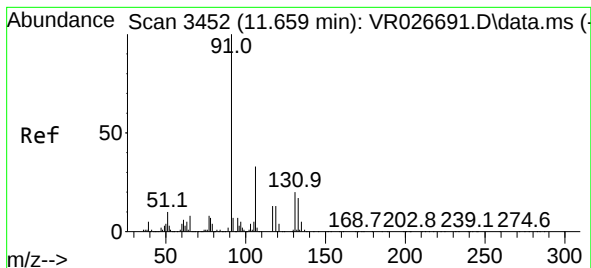
Tgt Ion:164 Resp: 273048
Ion Ratio Lower Upper
164 100
166 117.1 93.7 140.5
129 91.8 73.4 110.2
131 86.5 69.2 103.8



#64
Chlorobenzene
Concen: 49.322 ug/l
RT: 11.572 min Scan# 3425
Delta R.T. 0.000 min
Lab File: VR026691.D
Acq: 4 Aug 2025 12:00

Tgt Ion:112 Resp: 1048836
Ion Ratio Lower Upper
112 100
114 31.3 25.0 37.6

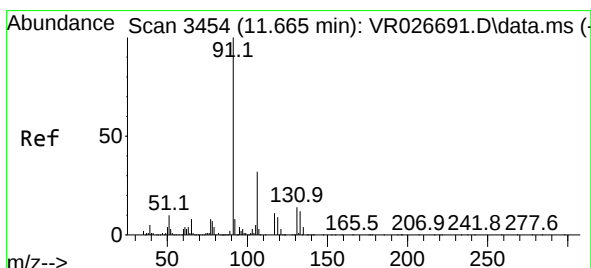
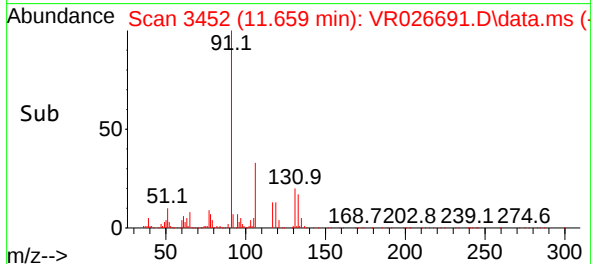
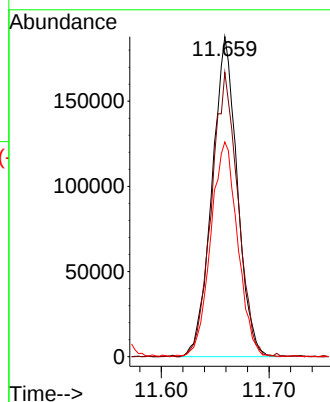
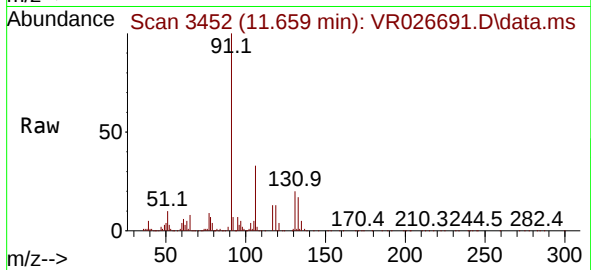




#65
1,1,1,2-Tetrachloroethane
Concen: 52.852 ug/l
RT: 11.659 min Scan# 3452
Delta R.T. 0.000 min
Lab File: VR026691.D
Acq: 4 Aug 2025 12:00

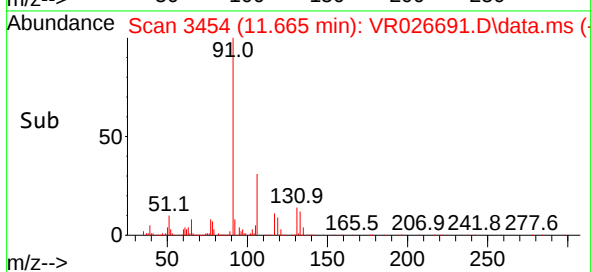
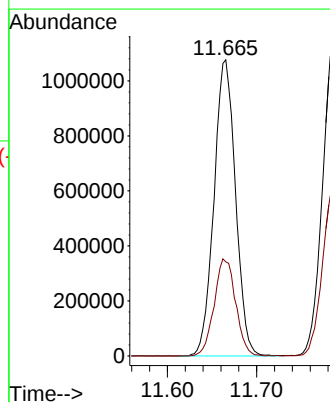
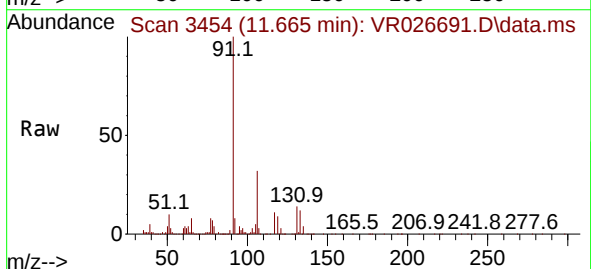
Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050

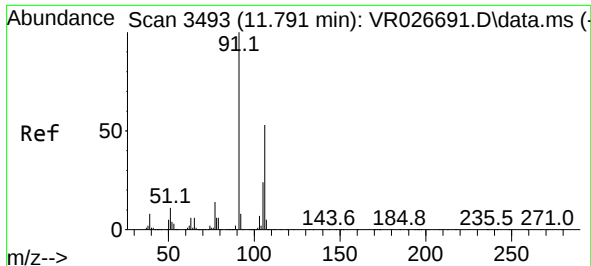
Tgt Ion:131 Resp: 306972
Ion Ratio Lower Upper
131 100
133 92.3 46.2 138.5
119 71.4 35.7 107.1



#66
Ethyl Benzene
Concen: 50.745 ug/l
RT: 11.665 min Scan# 3454
Delta R.T. 0.000 min
Lab File: VR026691.D
Acq: 4 Aug 2025 12:00

Tgt Ion: 91 Resp: 1801806
Ion Ratio Lower Upper
91 100
106 31.7 25.4 38.0

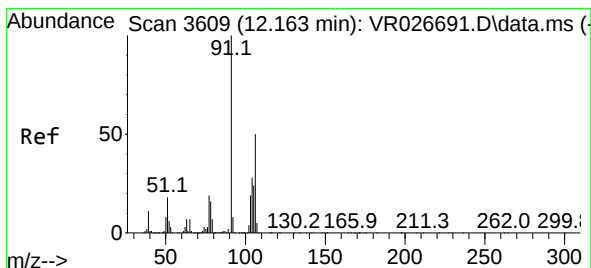
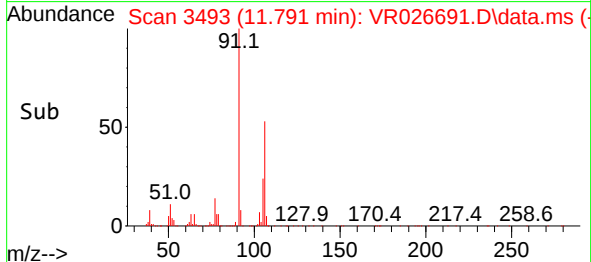
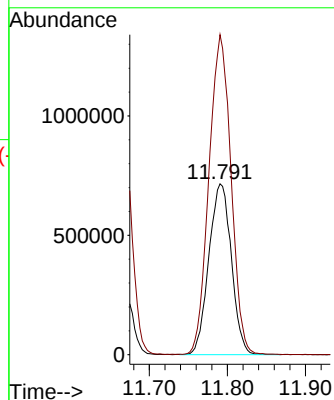
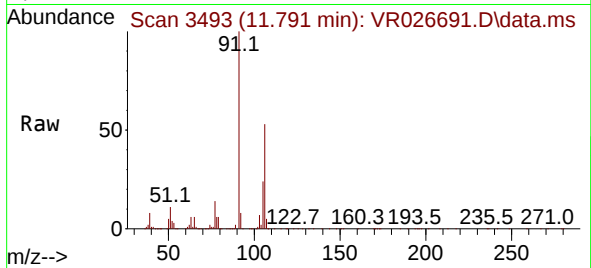




#67
m/p-Xylenes
Concen: 100.851 ug/l
RT: 11.791 min Scan# 3493
Delta R.T. 0.000 min
Lab File: VR026691.D
Acq: 4 Aug 2025 12:00

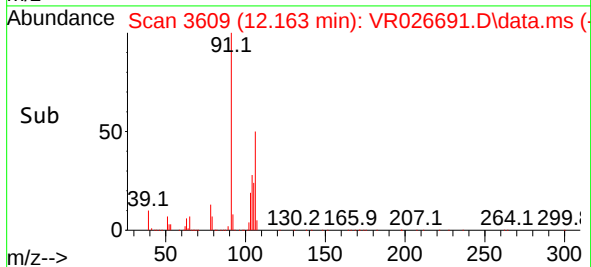
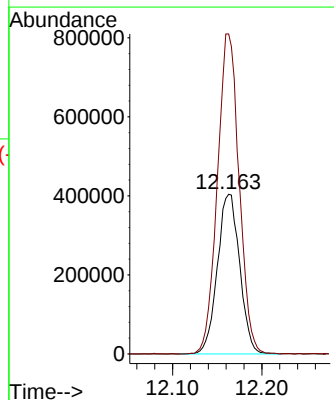
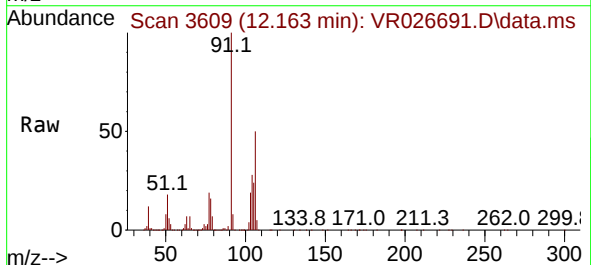
Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050

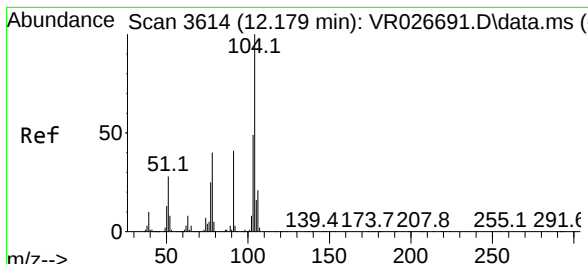
Tgt Ion:106 Resp: 1430648
Ion Ratio Lower Upper
106 100
91 183.5 146.8 220.2



#68
o-Xylene
Concen: 50.952 ug/l
RT: 12.163 min Scan# 3609
Delta R.T. 0.000 min
Lab File: VR026691.D
Acq: 4 Aug 2025 12:00

Tgt Ion:106 Resp: 701631
Ion Ratio Lower Upper
106 100
91 195.7 97.9 293.6

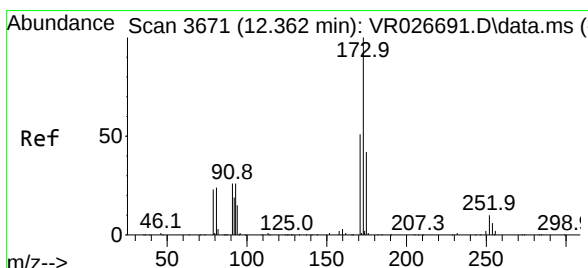
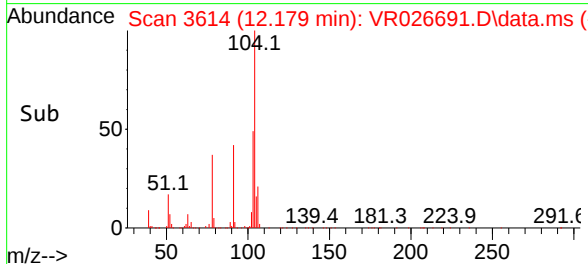
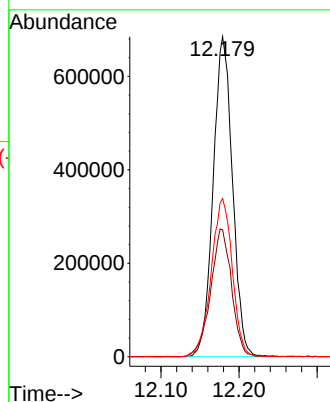
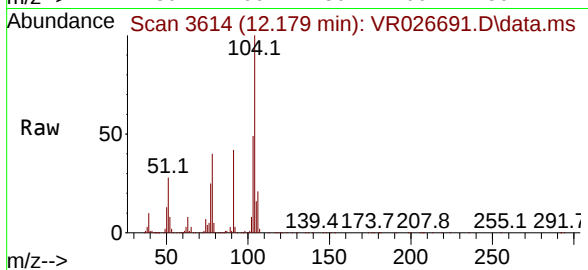




#69
Styrene
Concen: 51.097 ug/l
RT: 12.179 min Scan# 3614
Delta R.T. 0.000 min
Lab File: VR026691.D
Acq: 4 Aug 2025 12:00

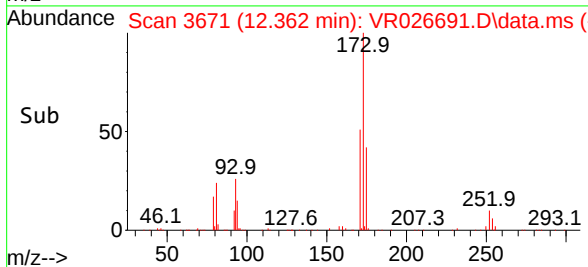
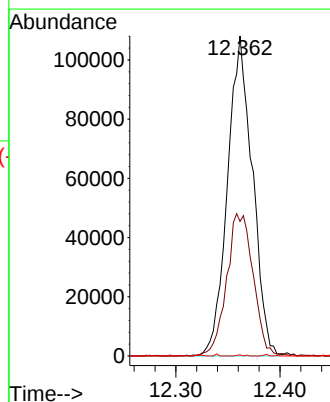
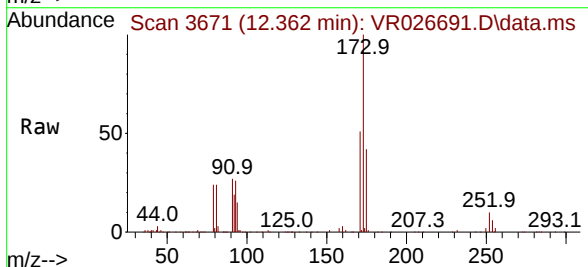
Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050

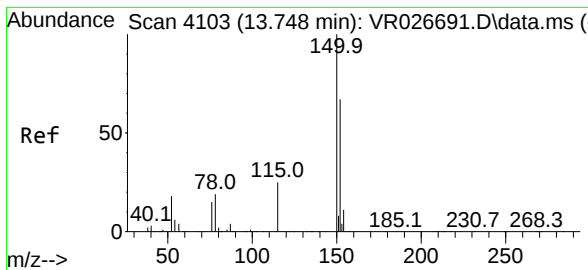
Tgt Ion:104 Resp: 1175810
Ion Ratio Lower Upper
104 100
78 43.1 34.5 51.7
103 54.0 43.2 64.8



#70
Bromoform
Concen: 54.719 ug/l
RT: 12.362 min Scan# 3671
Delta R.T. 0.000 min
Lab File: VR026691.D
Acq: 4 Aug 2025 12:00

Tgt Ion:173 Resp: 179870
Ion Ratio Lower Upper
173 100
175 47.3 23.6 71.0
254 0.1 0.1 0.1

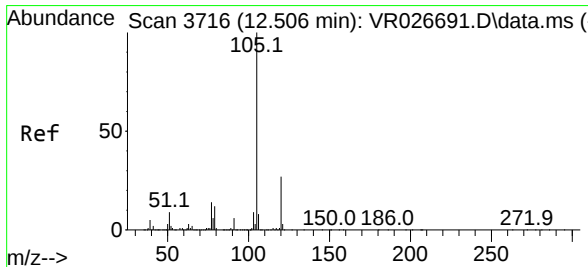
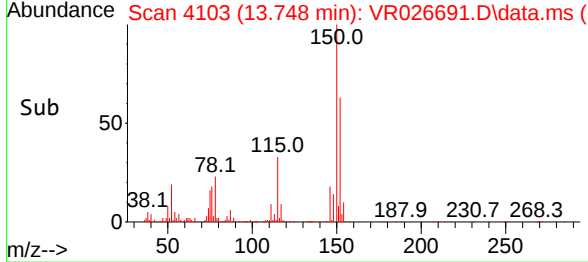
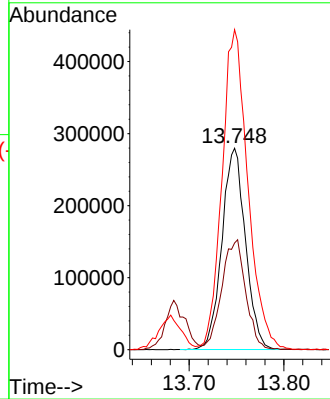
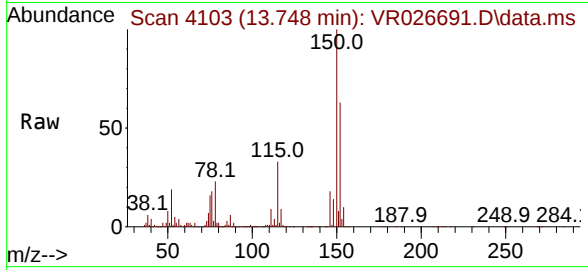




#71
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.748 min Scan# 4103
Delta R.T. 0.000 min
Lab File: VR026691.D
Acq: 4 Aug 2025 12:00

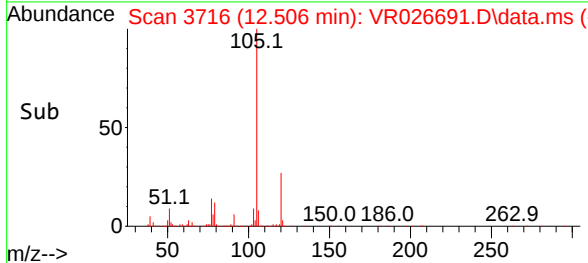
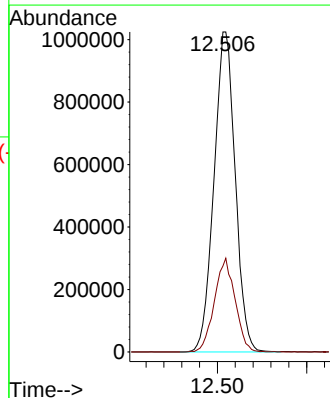
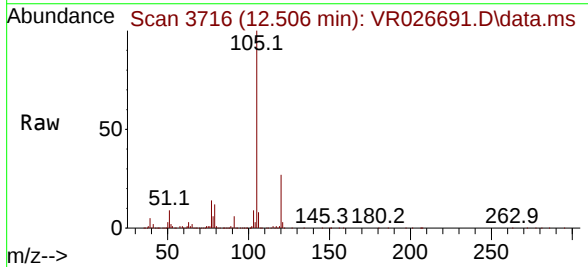
Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050

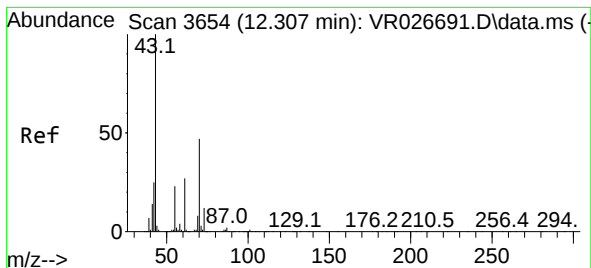
Tgt Ion:152 Resp: 481907
Ion Ratio Lower Upper
152 100
115 55.6 27.8 83.4
150 175.2 0.0 350.4



#72
Isopropylbenzene
Concen: 49.269 ug/l
RT: 12.506 min Scan# 3716
Delta R.T. 0.000 min
Lab File: VR026691.D
Acq: 4 Aug 2025 12:00

Tgt Ion:105 Resp: 1692283
Ion Ratio Lower Upper
105 100
120 28.5 14.2 42.8





#73

N-ethyl acetate

Concen: 50.936 ug/l

RT: 12.307 min Scan# 3654

Delta R.T. 0.000 min

Lab File: VR026691.D

Acq: 4 Aug 2025 12:00

Instrument :

MSVOA_R

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 693686

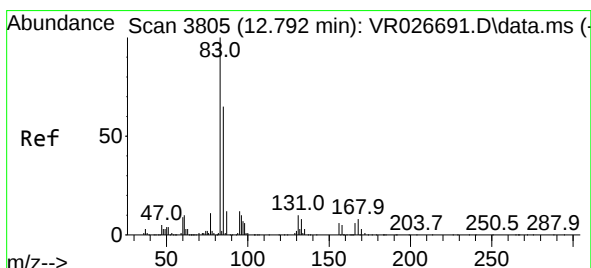
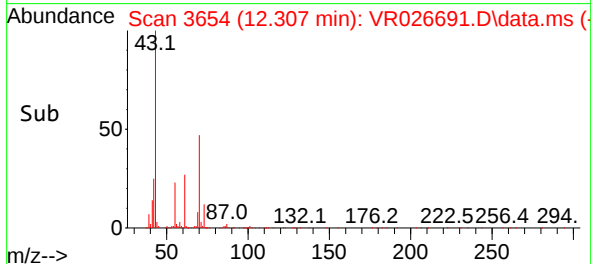
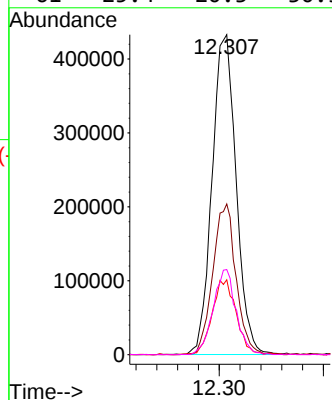
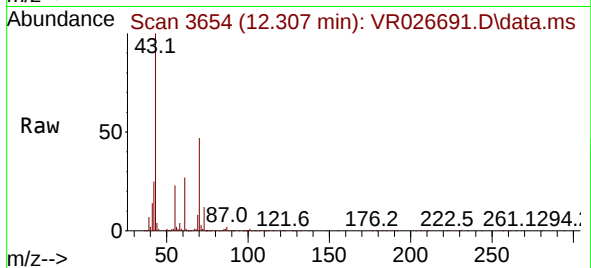
Ion Ratio Lower Upper

43 100

70 45.5 36.4 54.6

55 23.4 18.7 28.1

61 25.4 20.3 30.5



#74

1,1,2,2-Tetrachloroethane

Concen: 49.609 ug/l

RT: 12.792 min Scan# 3805

Delta R.T. 0.000 min

Lab File: VR026691.D

Acq: 4 Aug 2025 12:00

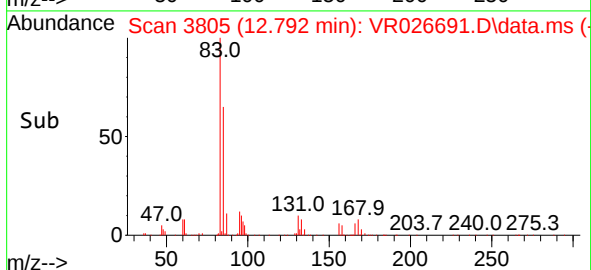
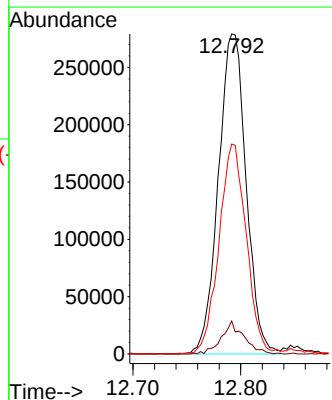
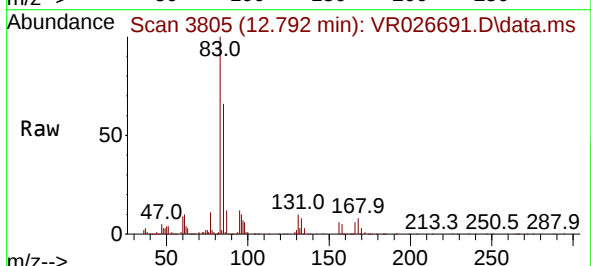
Tgt Ion: 83 Resp: 499949

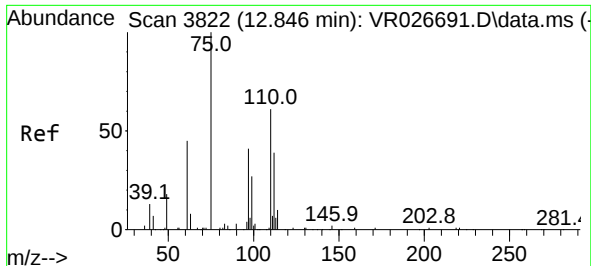
Ion Ratio Lower Upper

83 100

131 8.3 4.2 12.4

85 64.5 32.3 96.8

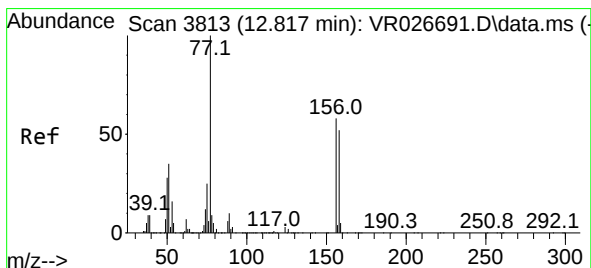
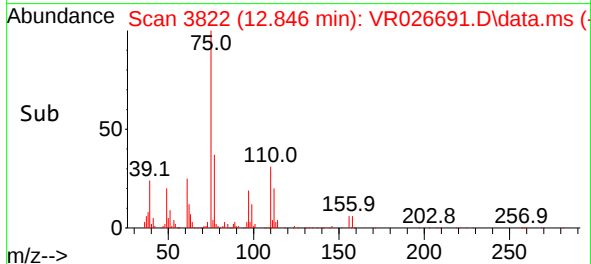
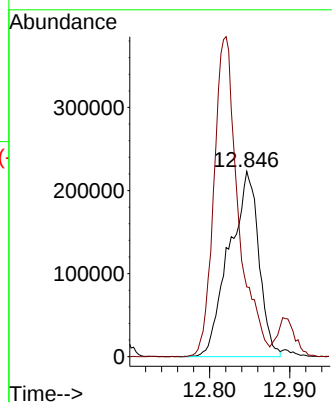
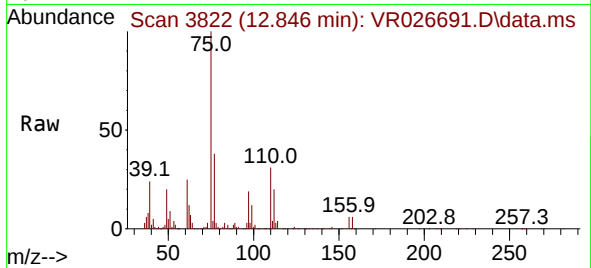




#75
1,2,3-Trichloropropane
Concen: 70.935 ug/l
RT: 12.846 min Scan# 3822
Delta R.T. 0.000 min
Lab File: VR026691.D
Acq: 4 Aug 2025 12:00

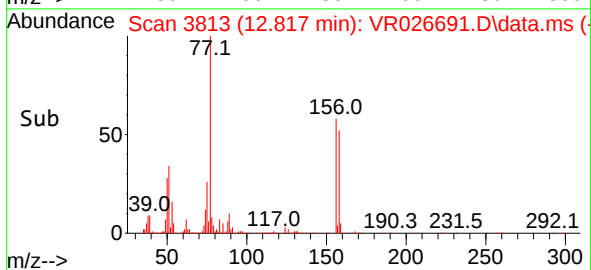
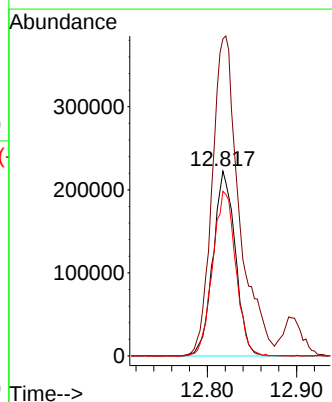
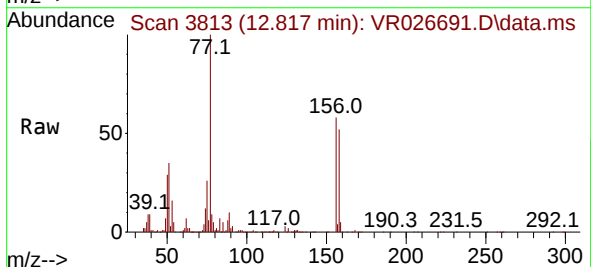
Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050

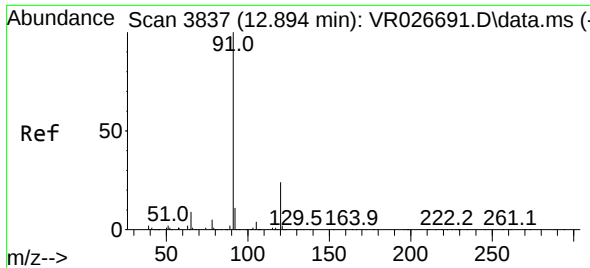
Tgt Ion: 75 Resp: 572751
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#76
Bromobenzene
Concen: 48.441 ug/l
RT: 12.817 min Scan# 3813
Delta R.T. 0.000 min
Lab File: VR026691.D
Acq: 4 Aug 2025 12:00

Tgt Ion:156 Resp: 385051
Ion Ratio Lower Upper
156 100
77 210.9 105.5 316.4
158 92.7 46.4 139.1

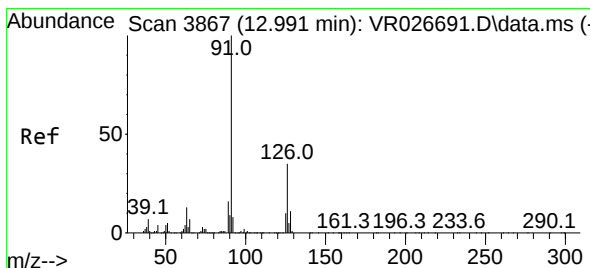
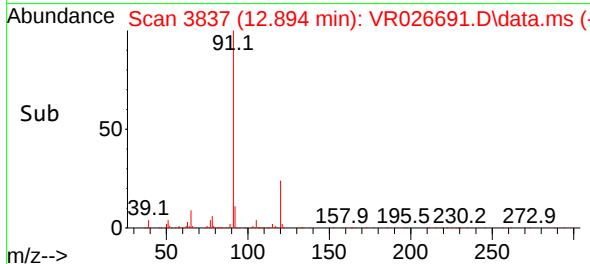
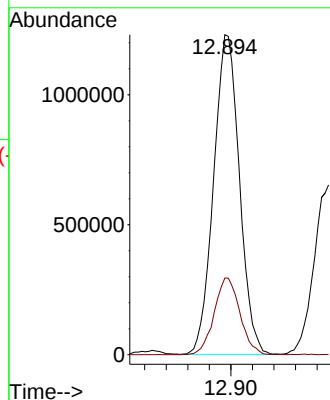
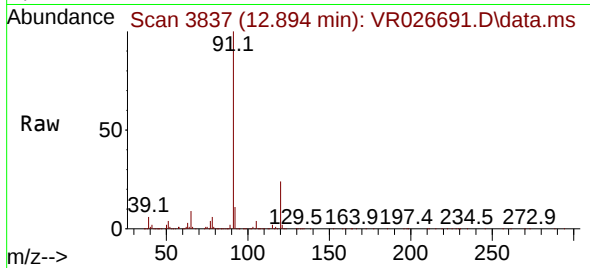




#77
n-propylbenzene
Concen: 49.836 ug/l
RT: 12.894 min Scan# 3837
Delta R.T. 0.000 min
Lab File: VR026691.D
Acq: 4 Aug 2025 12:00

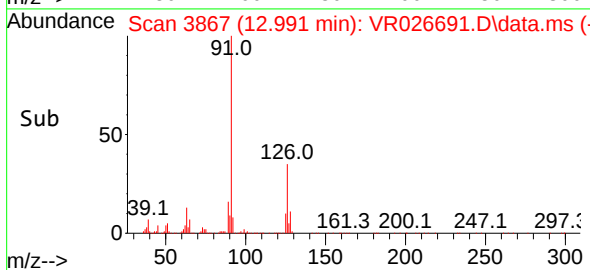
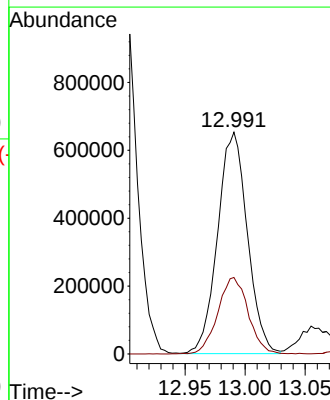
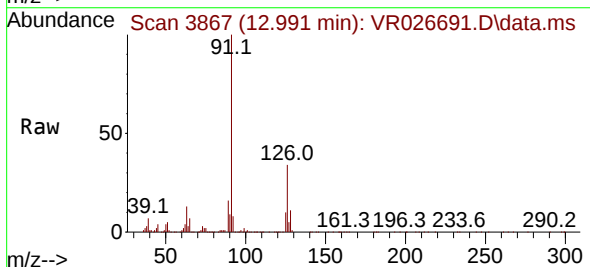
Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050

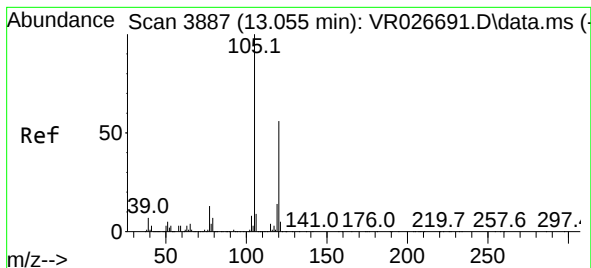
Tgt Ion: 91 Resp: 2042247
Ion Ratio Lower Upper
91 100
120 23.9 11.9 35.9



#78
2-Chlorotoluene
Concen: 48.384 ug/l
RT: 12.991 min Scan# 3867
Delta R.T. 0.000 min
Lab File: VR026691.D
Acq: 4 Aug 2025 12:00

Tgt Ion: 91 Resp: 1124939
Ion Ratio Lower Upper
91 100
126 35.1 17.5 52.6





#79

1,3,5-Trimethylbenzene

Concen: 49.740 ug/l

RT: 13.055 min Scan# 3887

Delta R.T. 0.000 min

Lab File: VR026691.D

Acq: 4 Aug 2025 12:00

Instrument :

MSVOA_R

ClientSampleId :

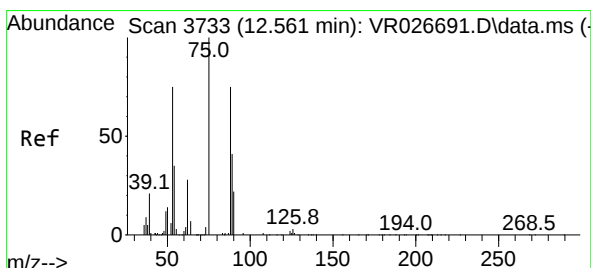
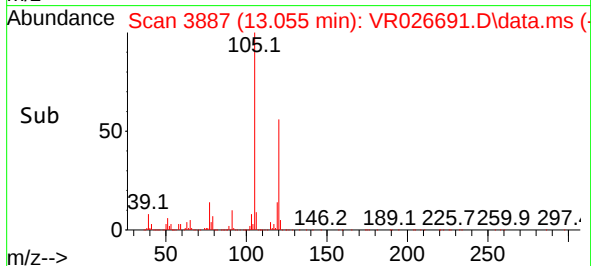
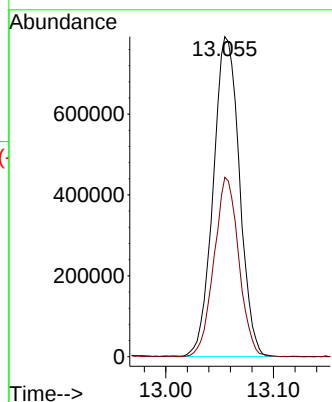
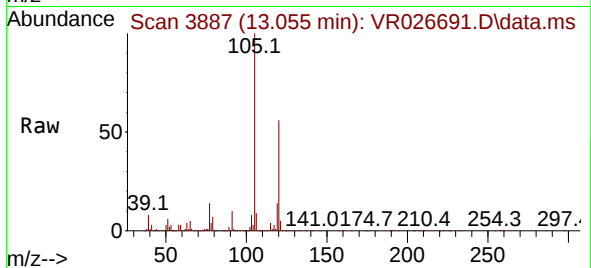
VSTDICCC050

Tgt Ion:105 Resp: 1335998

Ion Ratio Lower Upper

105 100

120 53.1 26.6 79.7



#80

trans-1,4-Dichloro-2-butene

Concen: 54.732 ug/l

RT: 12.561 min Scan# 3733

Delta R.T. 0.000 min

Lab File: VR026691.D

Acq: 4 Aug 2025 12:00

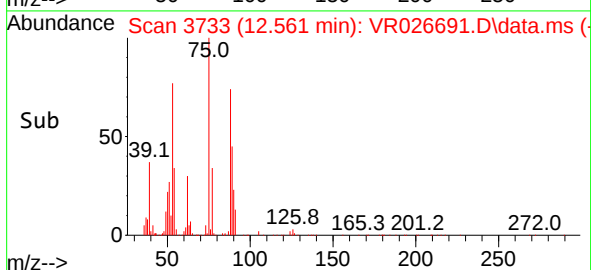
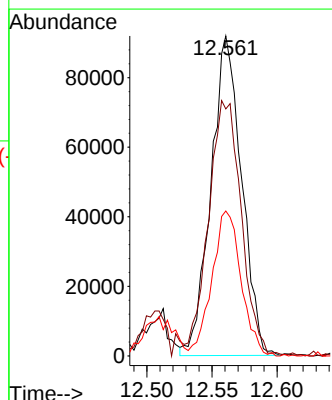
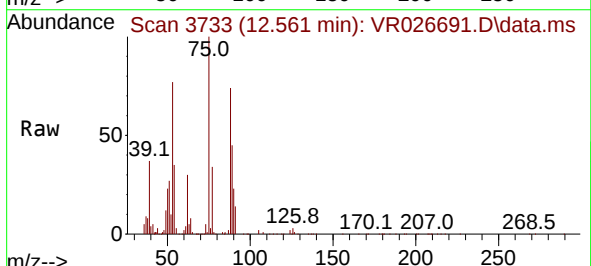
Tgt Ion: 75 Resp: 150112

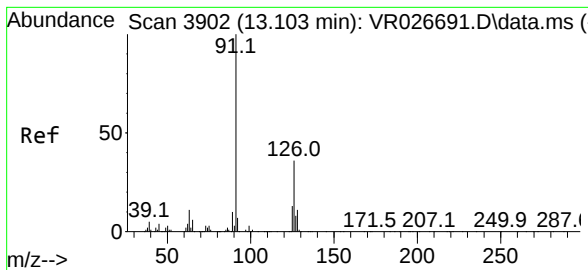
Ion Ratio Lower Upper

75 100

53 84.7 67.8 101.6

89 43.3 34.6 52.0

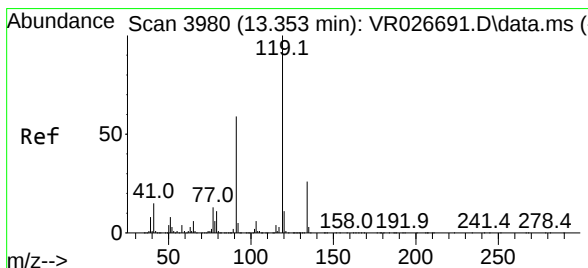
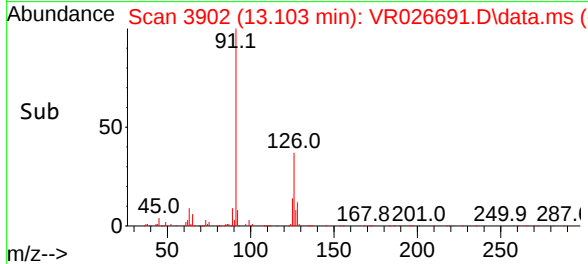
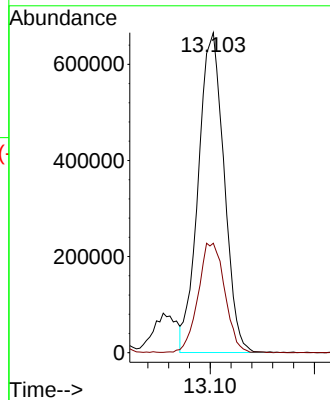
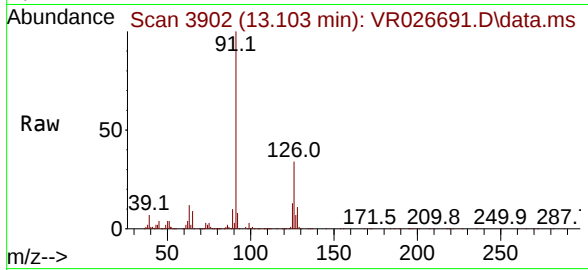




#81
4-Chlorotoluene
Concen: 48.149 ug/l
RT: 13.103 min Scan# 3902
Delta R.T. 0.000 min
Lab File: VR026691.D
Acq: 4 Aug 2025 12:00

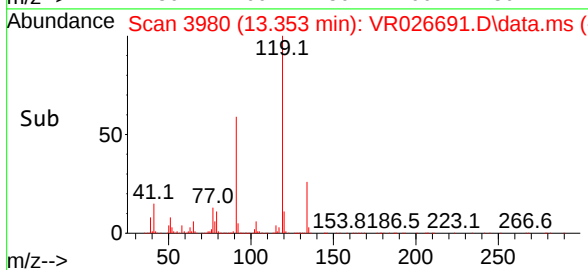
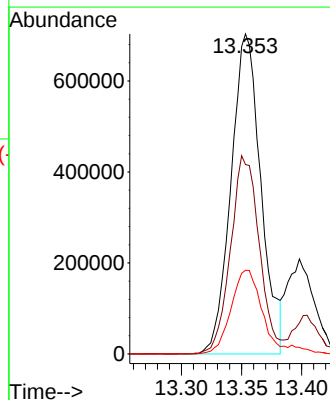
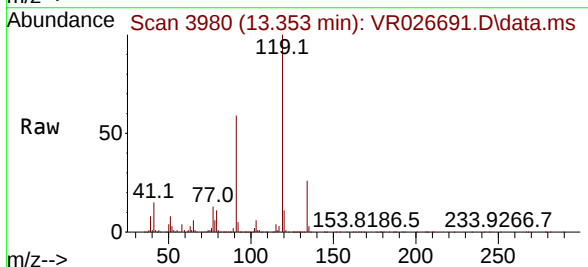
Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050

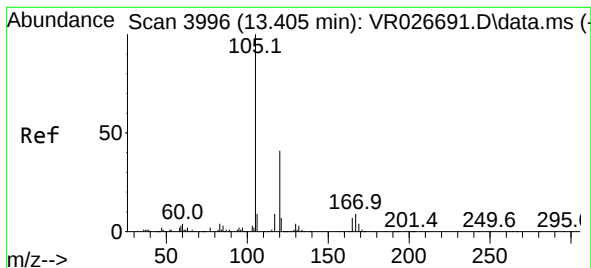
Tgt Ion: 91 Resp: 1143596
Ion Ratio Lower Upper
91 100
126 35.5 17.8 53.3



#82
tert-Butylbenzene
Concen: 49.915 ug/l
RT: 13.353 min Scan# 3980
Delta R.T. 0.000 min
Lab File: VR026691.D
Acq: 4 Aug 2025 12:00

Tgt Ion: 119 Resp: 1219463
Ion Ratio Lower Upper
119 100
91 59.8 29.9 89.7
134 26.9 13.5 40.4





#83

1,2,4-Trimethylbenzene

Concen: 51.588 ug/l

RT: 13.405 min Scan# 3996

Delta R.T. 0.000 min

Lab File: VR026691.D

Acq: 4 Aug 2025 12:00

Instrument :

MSVOA_R

ClientSampleId :

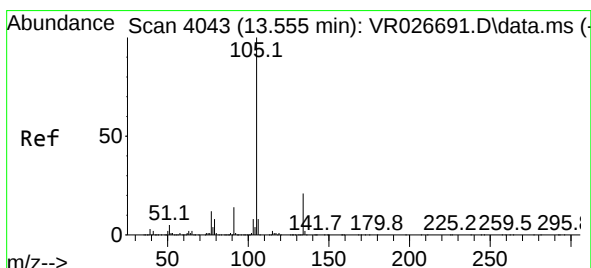
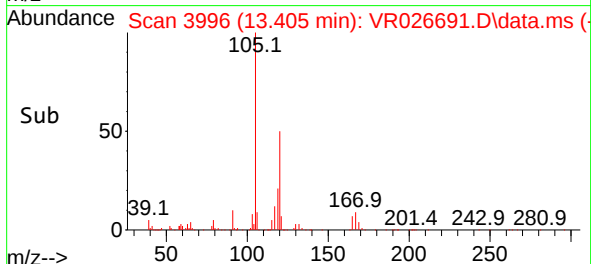
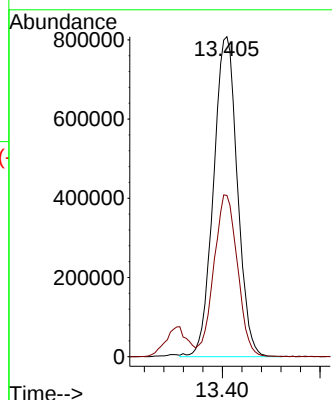
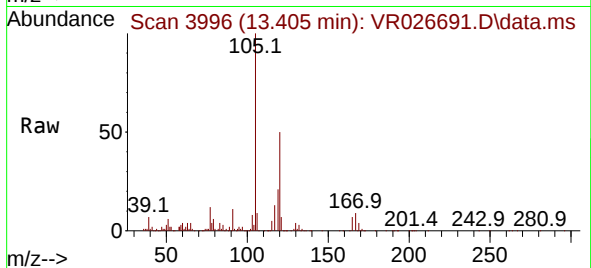
VSTDICCC050

Tgt Ion:105 Resp: 1371587

Ion Ratio Lower Upper

105 100

120 50.0 25.0 75.0



#84

sec-Butylbenzene

Concen: 50.795 ug/l

RT: 13.555 min Scan# 4043

Delta R.T. 0.000 min

Lab File: VR026691.D

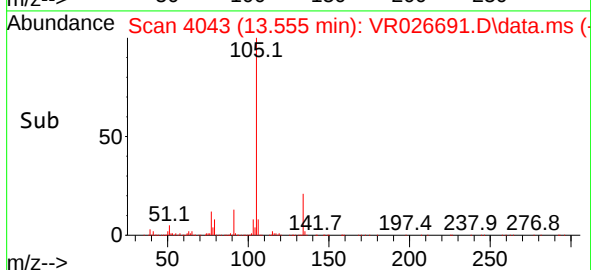
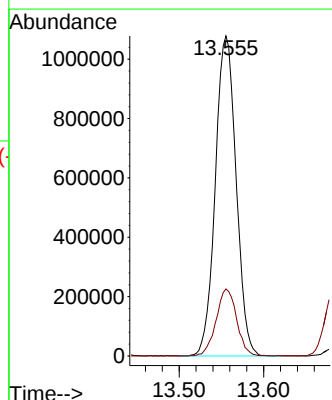
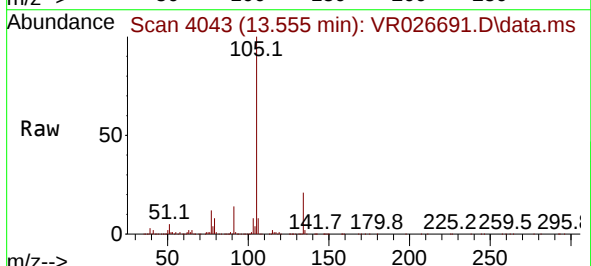
Acq: 4 Aug 2025 12:00

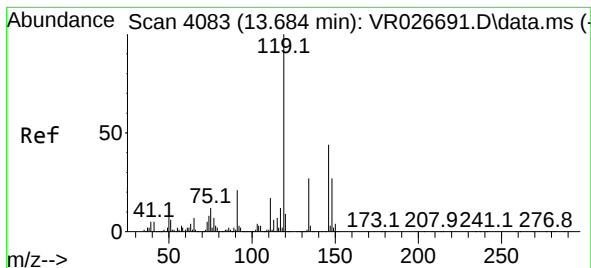
Tgt Ion:105 Resp: 1840353

Ion Ratio Lower Upper

105 100

134 20.7 10.4 31.1

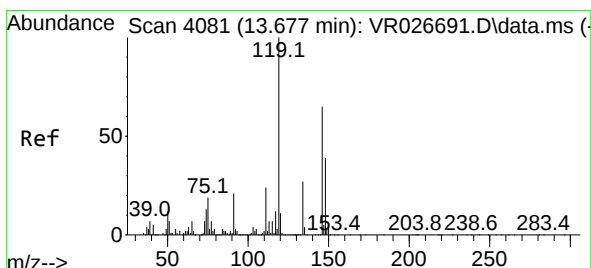
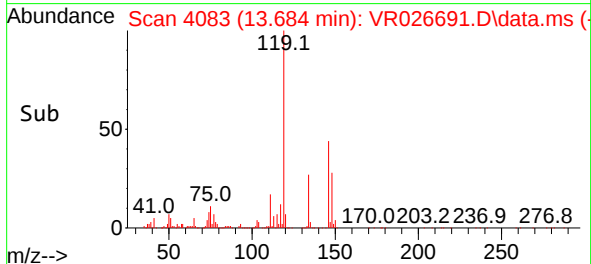
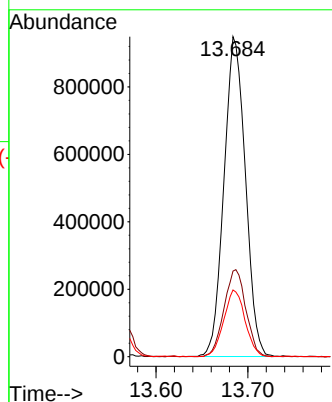
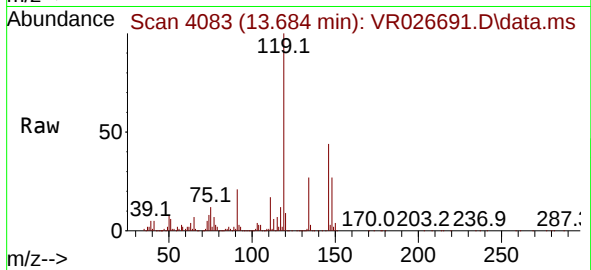




#85
 p-Isopropyltoluene
 Concen: 52.026 ug/l
 RT: 13.684 min Scan# 4083
 Delta R.T. 0.000 min
 Lab File: VR026691.D
 Acq: 4 Aug 2025 12:00

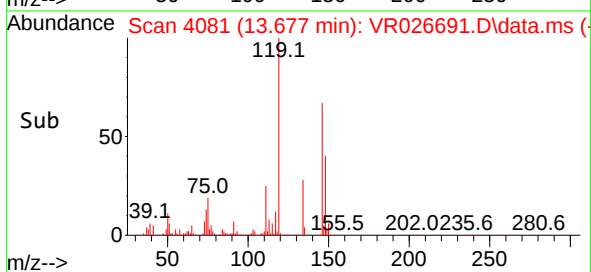
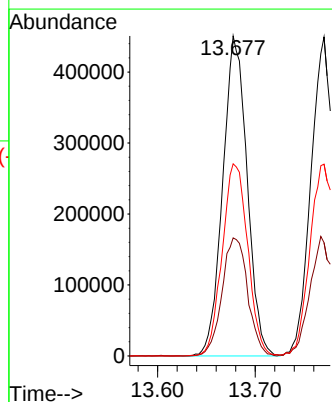
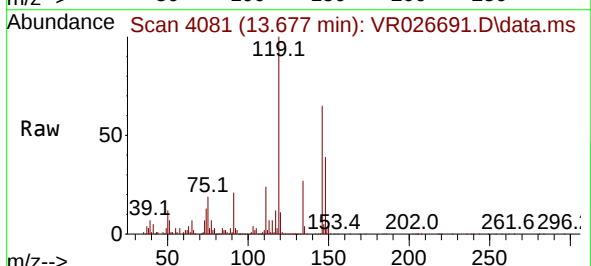
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDICCC050

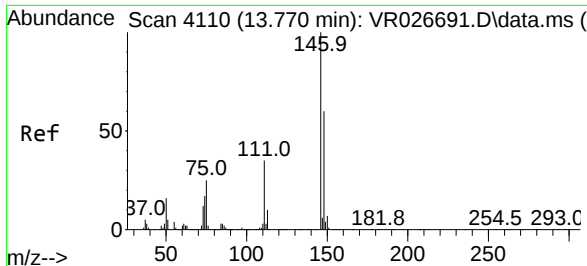
Tgt Ion:119 Resp: 1536909
 Ion Ratio Lower Upper
 119 100
 134 27.8 13.9 41.7
 91 20.8 10.4 31.2



#86
 1,3-Dichlorobenzene
 Concen: 50.207 ug/l
 RT: 13.677 min Scan# 4081
 Delta R.T. 0.000 min
 Lab File: VR026691.D
 Acq: 4 Aug 2025 12:00

Tgt Ion:146 Resp: 782412
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.4 58.2
 148 62.9 31.4 94.3



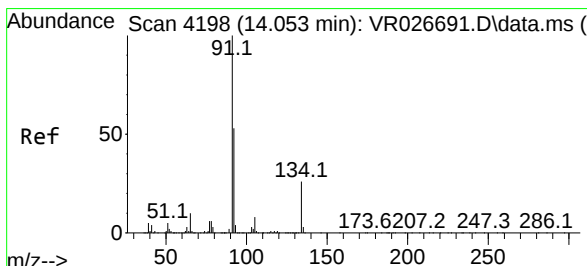
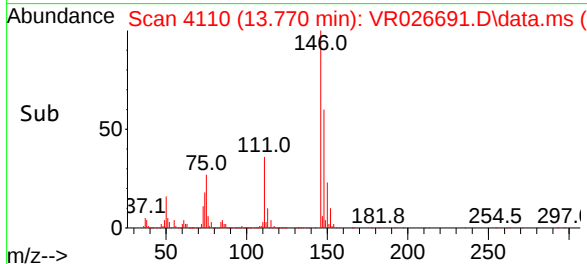
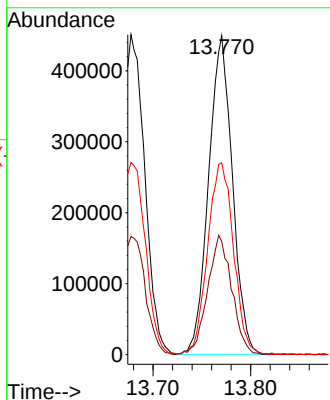
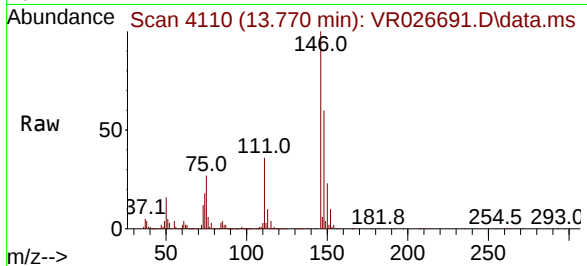


#87
 1,4-Dichlorobenzene
 Concen: 48.637 ug/l
 RT: 13.770 min Scan# 4110
 Delta R.T. 0.000 min
 Lab File: VR026691.D
 Acq: 4 Aug 2025 12:00

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDICCC050

Tgt Ion:146 Resp: 760751

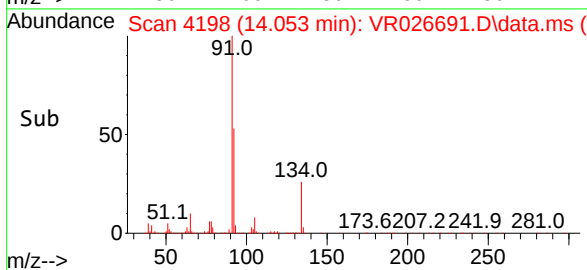
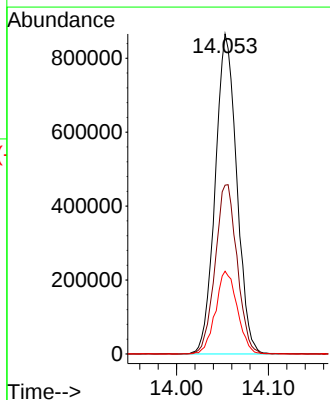
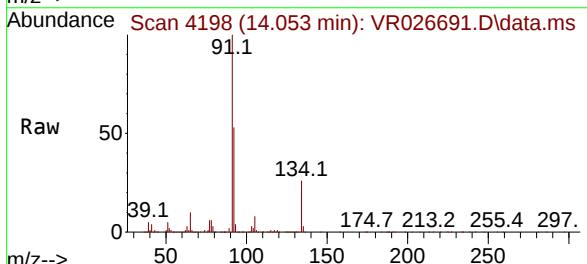
Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.1	57.3
148	65.2	32.6	97.8

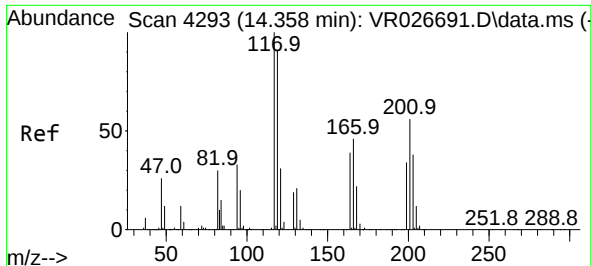


#88
 n-Butylbenzene
 Concen: 51.622 ug/l
 RT: 14.053 min Scan# 4198
 Delta R.T. 0.000 min
 Lab File: VR026691.D
 Acq: 4 Aug 2025 12:00

Tgt Ion: 91 Resp: 1405537

Ion	Ratio	Lower	Upper
91	100		
92	54.1	27.1	81.2
134	26.2	13.1	39.3

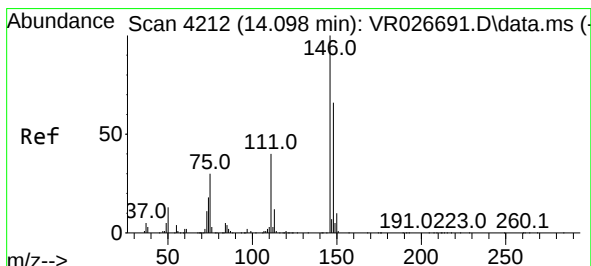
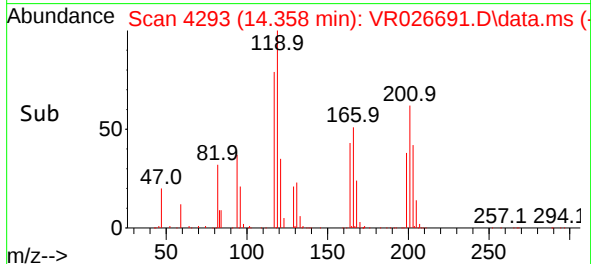
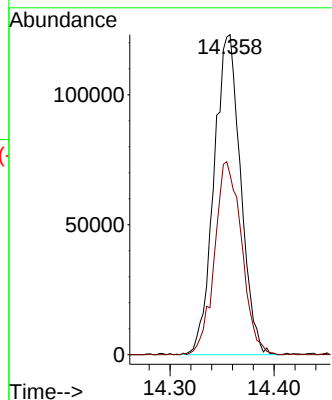
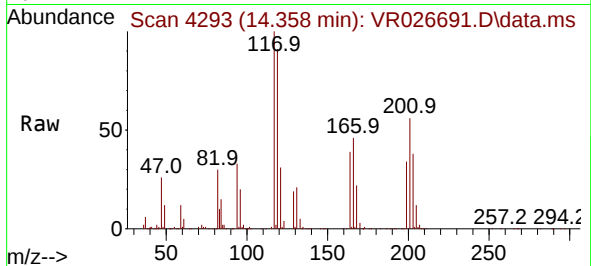




#89
Hexachloroethane
Concen: 51.643 ug/l
RT: 14.358 min Scan# 4293
Delta R.T. 0.000 min
Lab File: VR026691.D
Acq: 4 Aug 2025 12:00

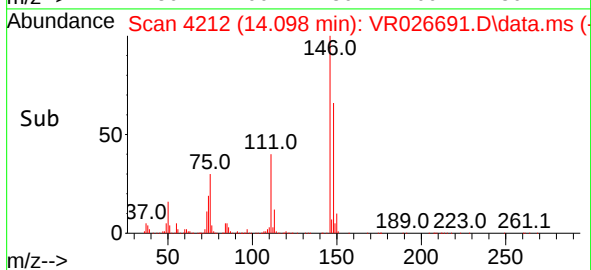
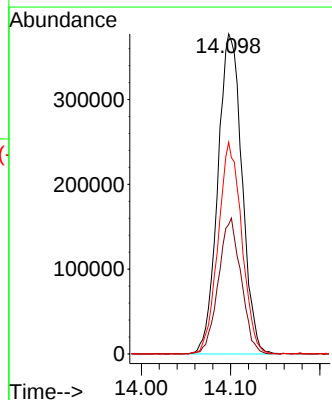
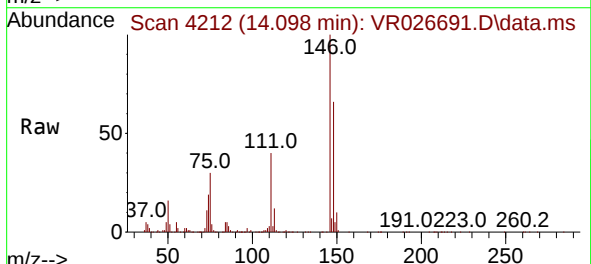
Instrument :
MSVOA_R
ClientSampleId :
VSTDICCC050

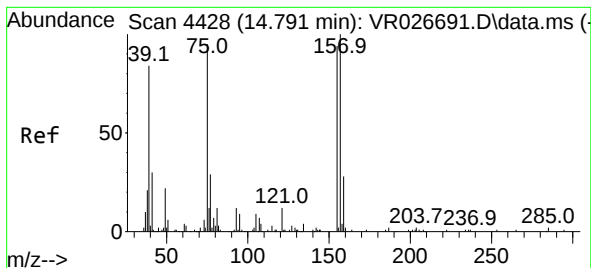
Tgt Ion:117 Resp: 219076
Ion Ratio Lower Upper
117 100
201 61.3 30.6 92.0



#90
1,2-Dichlorobenzene
Concen: 48.461 ug/l
RT: 14.098 min Scan# 4212
Delta R.T. 0.000 min
Lab File: VR026691.D
Acq: 4 Aug 2025 12:00

Tgt Ion:146 Resp: 709292
Ion Ratio Lower Upper
146 100
111 40.0 20.0 60.0
148 64.7 32.4 97.0



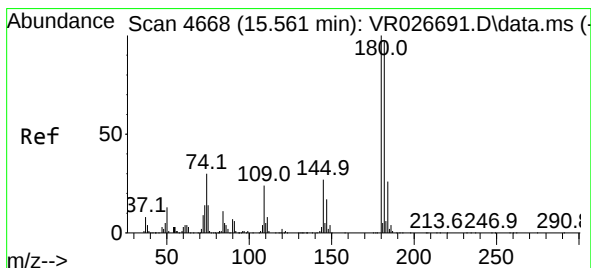
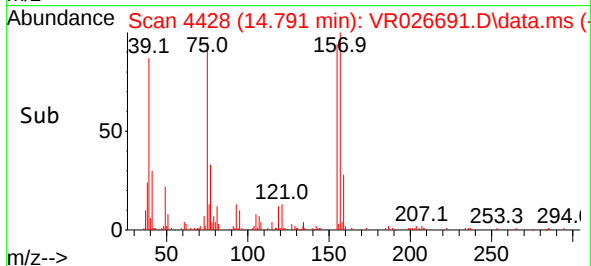
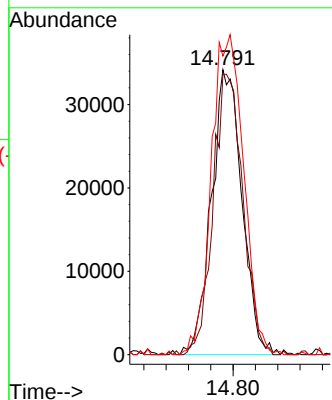
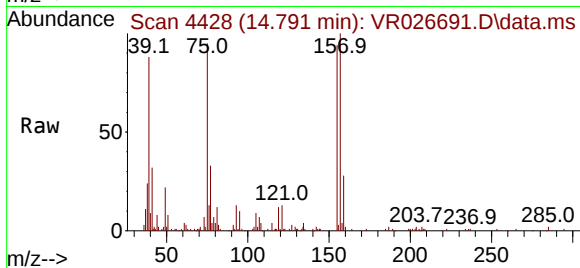


#91
 1,2-Dibromo-3-Chloropropane
 Concen: 48.367 ug/l
 RT: 14.791 min Scan# 4428
 Delta R.T. 0.000 min
 Lab File: VR026691.D
 Acq: 4 Aug 2025 12:00

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 75 Resp: 64907

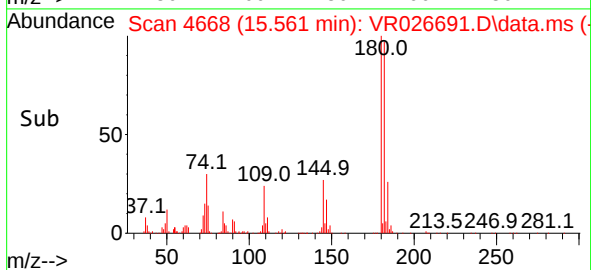
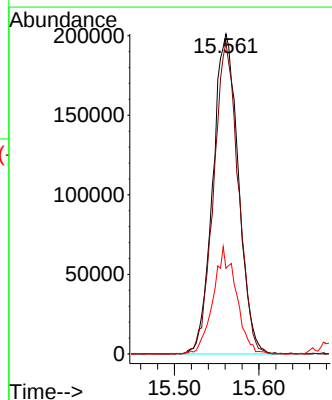
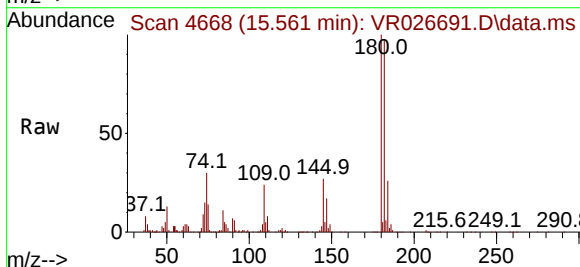
Ion	Ratio	Lower	Upper
75	100		
155	96.1	48.0	144.2
157	118.9	59.5	178.4

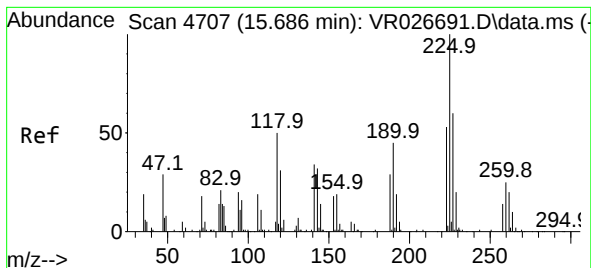


#92
 1,2,4-Trichlorobenzene
 Concen: 48.190 ug/l
 RT: 15.561 min Scan# 4668
 Delta R.T. 0.000 min
 Lab File: VR026691.D
 Acq: 4 Aug 2025 12:00

Tgt Ion: 180 Resp: 421758

Ion	Ratio	Lower	Upper
180	100		
182	94.0	47.0	141.0
145	30.3	15.2	45.5





#93

Hexachlorobutadiene

Concen: 46.117 ug/l

RT: 15.686 min Scan# 4707

Delta R.T. 0.000 min

Lab File: VR026691.D

Acq: 4 Aug 2025 12:00

Instrument :

MSVOA_R

ClientSampleId :

VSTDICCC050

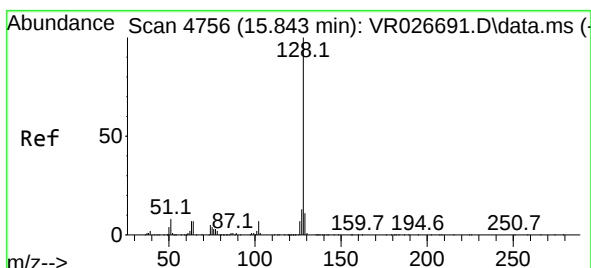
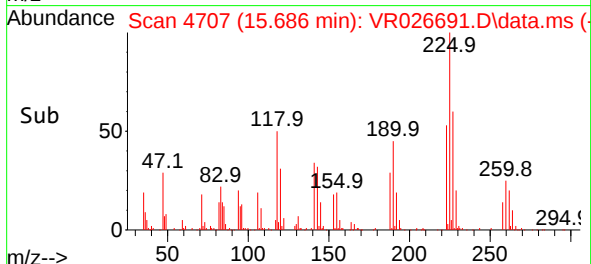
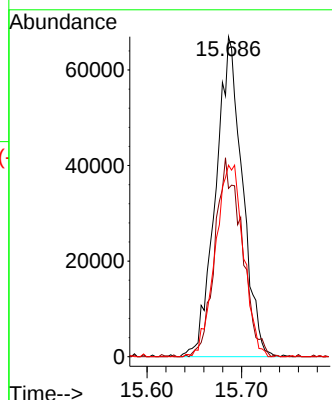
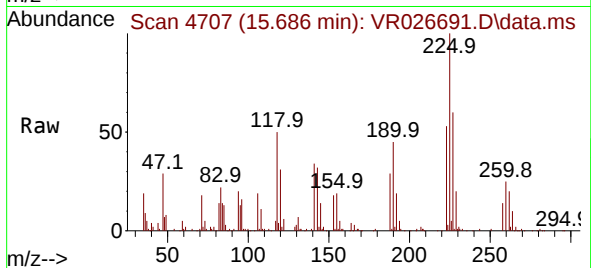
Tgt Ion:225 Resp: 131139

Ion Ratio Lower Upper

225 100

223 62.8 31.4 94.2

227 63.3 31.6 95.0



#94

Naphthalene

Concen: 49.775 ug/l

RT: 15.843 min Scan# 4756

Delta R.T. 0.000 min

Lab File: VR026691.D

Acq: 4 Aug 2025 12:00

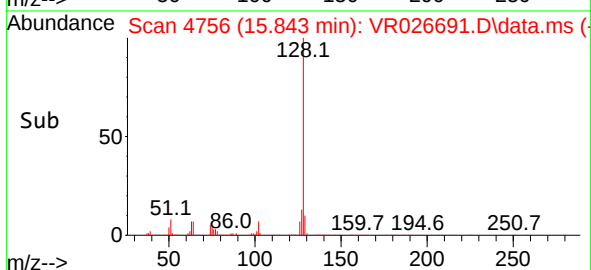
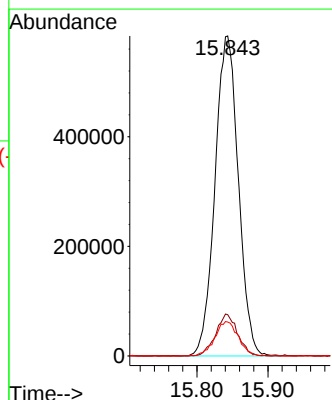
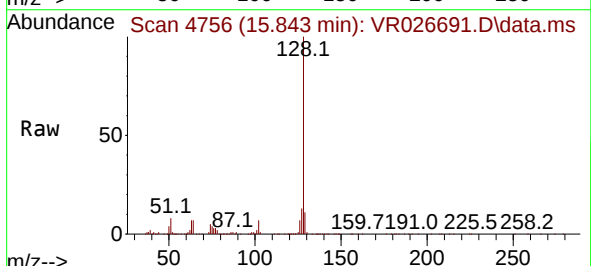
Tgt Ion:128 Resp: 1334977

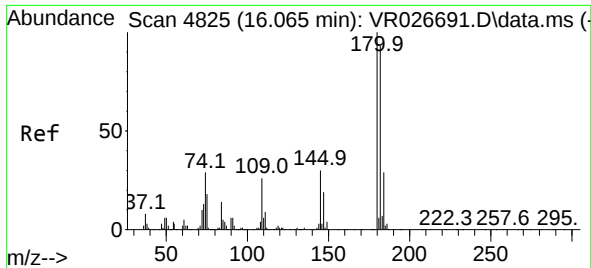
Ion Ratio Lower Upper

128 100

127 12.3 9.8 14.8

129 10.8 8.6 13.0





#95
 1,2,3-Trichlorobenzene
 Concen: 49.906 ug/l
 RT: 16.065 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VR026691.D
 Acq: 4 Aug 2025 12:00

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDICCC050

Tgt Ion:180 Resp: 414662

Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.2	141.6
145	31.0	15.5	46.5

