

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120325\
 Data File : VW032567.D
 Acq On : 03 Dec 2025 12:58
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC100

Quant Time: Dec 04 03:50:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W120325S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 04 03:43:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	355203	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	654581	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	597470	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	290228	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	521850	98.721	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 197.440%#	
35) Dibromofluoromethane	7.898	113	427652	99.279	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 198.560%#	
50) Toluene-d8	10.325	98	1655104	102.111	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 204.220%#	
62) 4-Bromofluorobenzene	12.617	95	595747	99.481	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 198.960%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	203149	92.397	ug/l	96
3) Chloromethane	2.253	50	362579	89.707	ug/l	100
4) Vinyl Chloride	2.405	62	450163	91.801	ug/l	98
5) Bromomethane	2.820	94	301861	92.693	ug/l	98
6) Chloroethane	2.966	64	297323	93.873	ug/l	100
7) Trichlorofluoromethane	3.301	101	376929	99.170	ug/l	100
8) Diethyl Ether	3.722	74	273717	97.416	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.100	101	365839	91.043	ug/l	98
10) Methyl Iodide	4.314	142	572513	94.467	ug/l	99
11) Tert butyl alcohol	5.216	59	186905	459.693	ug/l #	87
12) 1,1-Dichloroethene	4.076	96	421607	93.057	ug/l	97
13) Acrolein	3.929	56	351593	487.892	ug/l	98
14) Allyl chloride	4.704	41	828097	99.848	ug/l	99
15) Acrylonitrile	5.399	53	754679	511.456	ug/l	100
16) Acetone	4.161	43	859493	520.335	ug/l	99
17) Carbon Disulfide	4.417	76	1285257	95.755	ug/l	98
18) Methyl Acetate	4.710	43	343471	100.959	ug/l	100
19) Methyl tert-butyl Ether	5.466	73	866662	102.626	ug/l	98
20) Methylene Chloride	4.954	84	508033	86.002	ug/l	93
21) trans-1,2-Dichloroethene	5.466	96	472773	95.503	ug/l	97
22) Diisopropyl ether	6.344	45	1673162	101.087	ug/l	99
23) Vinyl Acetate	6.283	43	5815618	530.258	ug/l	99
24) 1,1-Dichloroethane	6.246	63	932402	97.027	ug/l	99
25) 2-Butanone	7.191	43	1096796	517.390	ug/l	98
26) 2,2-Dichloropropane	7.185	77	504116	90.493	ug/l	99
27) cis-1,2-Dichloroethene	7.191	96	571756	99.208	ug/l	98
28) Bromochloromethane	7.532	49	437111	101.259	ug/l	100
29) Tetrahydrofuran	7.551	42	669455	528.903	ug/l	100
30) Chloroform	7.691	83	918136	96.270	ug/l	94
31) Cyclohexane	7.971	56	791297	93.383	ug/l	97
32) 1,1,1-Trichloroethane	7.892	97	655289	94.670	ug/l	100
36) 1,1-Dichloropropene	8.099	75	651958	99.227	ug/l	100
37) Ethyl Acetate	7.270	43	451708	99.343	ug/l	100
38) Carbon Tetrachloride	8.087	117	587658	96.272	ug/l	98
39) Methylcyclohexane	9.343	83	806349	100.505	ug/l	96
40) Benzene	8.337	78	2024351	96.683	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120325\
 Data File : VW032567.D
 Acq On : 03 Dec 2025 12:58
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC100

Quant Time: Dec 04 03:50:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W120325S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 04 03:43:50 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	249877	101.564	ug/l #	90
42) 1,2-Dichloroethane	8.410	62	619919	96.566	ug/l	100
43) Isopropyl Acetate	8.435	43	817843	104.642	ug/l	100
44) Trichloroethene	9.099	130	462896	98.916	ug/l	94
45) 1,2-Dichloropropane	9.374	63	508740	97.822	ug/l	97
46) Dibromomethane	9.465	93	293795	97.691	ug/l	96
47) Bromodichloromethane	9.648	83	691027	98.034	ug/l	98
48) Methyl methacrylate	9.441	41	382547	107.676	ug/l	92
49) 1,4-Dioxane	9.465	88	78932	2196.494	ug/l #	99
51) 4-Methyl-2-Pentanone	10.215	43	2250833	520.473	ug/l	99
52) Toluene	10.392	92	1267483	100.465	ug/l	96
53) t-1,3-Dichloropropene	10.605	75	722211	106.799	ug/l	97
54) cis-1,3-Dichloropropene	10.075	75	820878	103.441	ug/l	98
55) 1,1,2-Trichloroethane	10.788	97	392301	97.393	ug/l	92
56) Ethyl methacrylate	10.648	69	620159	111.330	ug/l	99
57) 1,3-Dichloropropane	10.934	76	713294	99.224	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	1424360	488.002	ug/l	99
59) 2-Hexanone	10.971	43	1650921	536.038	ug/l	98
60) Dibromochloromethane	11.129	129	473163	104.808	ug/l	94
61) 1,2-Dibromoethane	11.239	107	377118	98.445	ug/l	99
64) Tetrachloroethene	10.861	164	373150	93.639	ug/l	94
65) Chlorobenzene	11.654	112	1379537	97.718	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.733	131	429702	98.411	ug/l	98
67) Ethyl Benzene	11.733	91	2417618	100.892	ug/l	98
68) m/p-Xylenes	11.837	106	1831269	201.010	ug/l	100
69) o-Xylene	12.166	106	866946	103.909	ug/l	97
70) Styrene	12.178	104	1517611	103.698	ug/l	99
71) Bromoform	12.349	173	245433	102.216	ug/l #	97
73) Isopropylbenzene	12.464	105	2170904	100.834	ug/l	98
74) N-amyl acetate	12.269	43	752525	105.593	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	483298	95.361	ug/l	100
76) 1,2,3-Trichloropropane	12.763	75	633706	160.218	ug/l	38
77) Bromobenzene	12.745	156	482804	94.867	ug/l	100
78) n-propylbenzene	12.800	91	2698089	98.232	ug/l	99
79) 2-Chlorotoluene	12.891	91	1593521	97.306	ug/l	100
80) 1,3,5-Trimethylbenzene	12.940	105	1824501	99.319	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.513	75	175153	104.898	ug/l	99
82) 4-Chlorotoluene	12.989	91	1684574	96.182	ug/l	99
83) tert-Butylbenzene	13.202	119	1539645	101.622	ug/l	100
84) 1,2,4-Trimethylbenzene	13.245	105	1828139	99.624	ug/l	99
85) sec-Butylbenzene	13.379	105	2308200	98.775	ug/l	98
86) p-Isopropyltoluene	13.495	119	1904035	98.926	ug/l	100
87) 1,3-Dichlorobenzene	13.495	146	989559	95.097	ug/l	100
88) 1,4-Dichlorobenzene	13.574	146	948878	91.872	ug/l	99
89) n-Butylbenzene	13.818	91	1963816	100.472	ug/l	98
90) Hexachloroethane	14.092	117	350927	95.199	ug/l	93
91) 1,2-Dichlorobenzene	13.867	146	850657	93.198	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.476	75	85051	97.332	ug/l	92
93) 1,2,4-Trichlorobenzene	15.129	180	551129	99.142	ug/l	97
94) Hexachlorobutadiene	15.232	225	244226	95.444	ug/l	96
95) Naphthalene	15.360	128	1375528	110.334	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	519329	102.833	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120325\
Data File : VW032567.D
Acq On : 03 Dec 2025 12:58
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

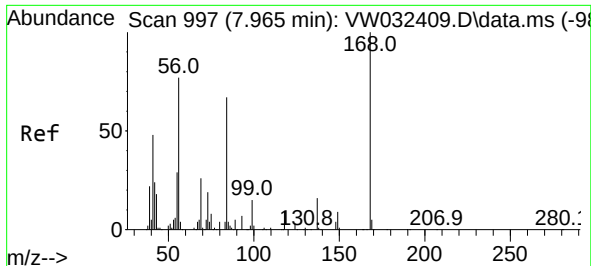
Quant Time: Dec 04 03:50:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W120325S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 04 03:43:50 2025
Response via : Initial Calibration

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

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

Quant Time: Dec 04 03:50:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W120325S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 04 03:43:50 2025
Response via : Initial Calibration

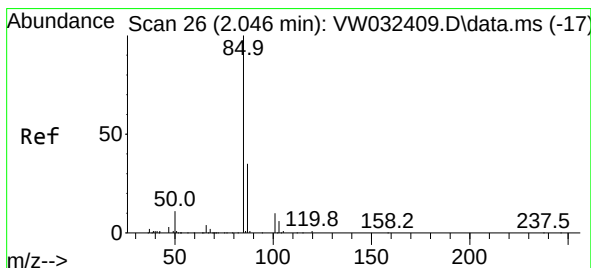
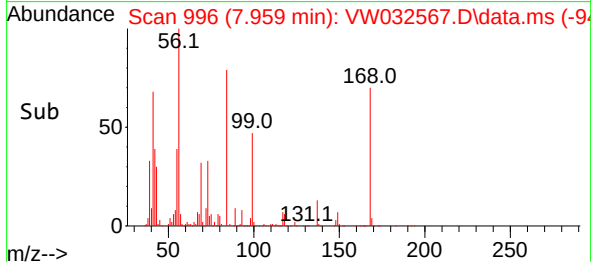
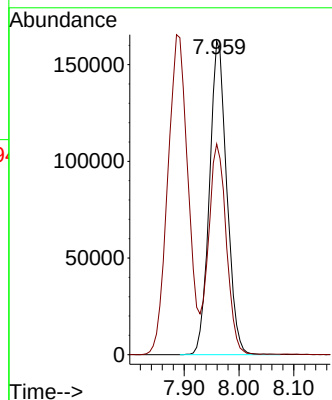
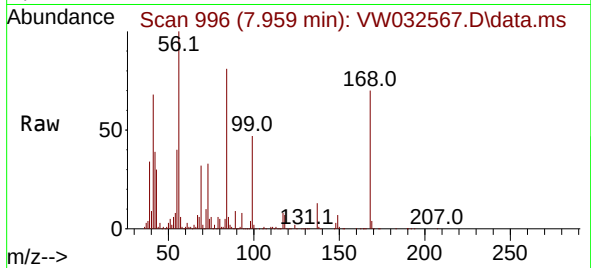




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
Lab File: VW032567.D
Acq: 03 Dec 2025 12:58

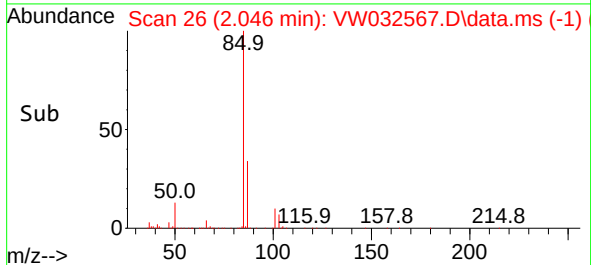
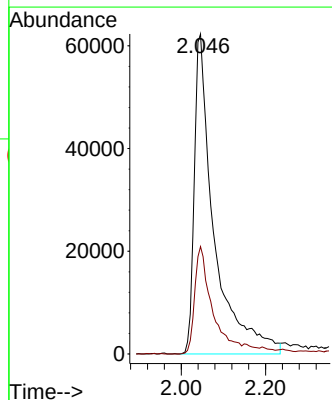
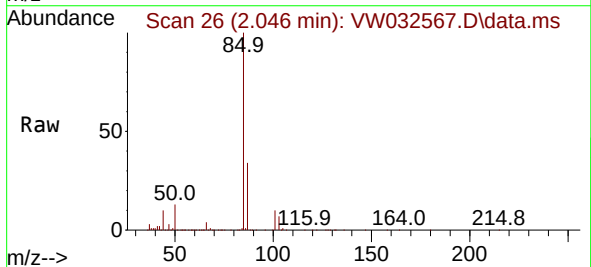
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

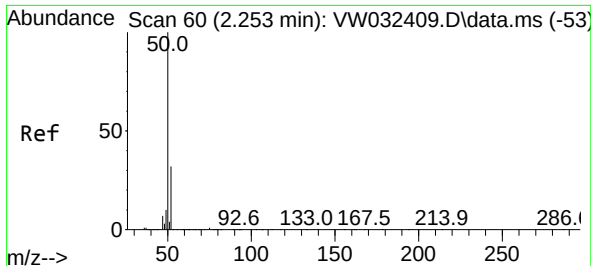
Tgt Ion:168 Resp: 355203
Ion Ratio Lower Upper
168 100
99 67.1 51.8 77.8



#2
Dichlorodifluoromethane
Concen: 92.397 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.006 min
Lab File: VW032567.D
Acq: 03 Dec 2025 12:58

Tgt Ion: 85 Resp: 203149
Ion Ratio Lower Upper
85 100
87 33.5 17.9 53.8

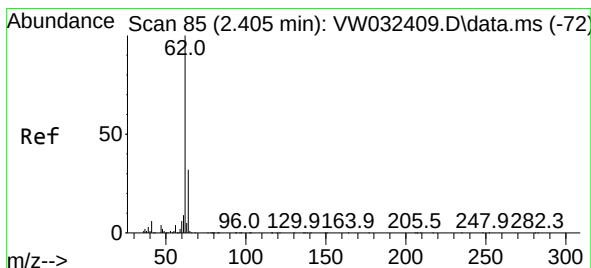
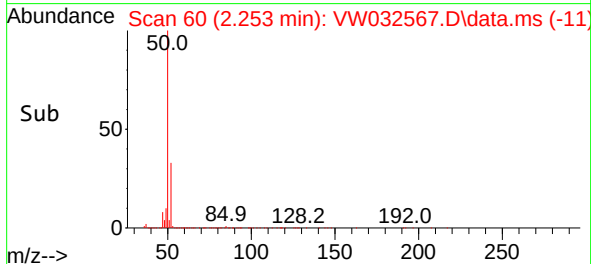
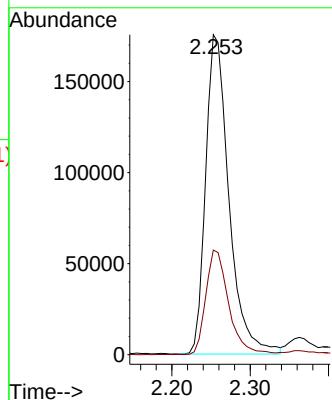
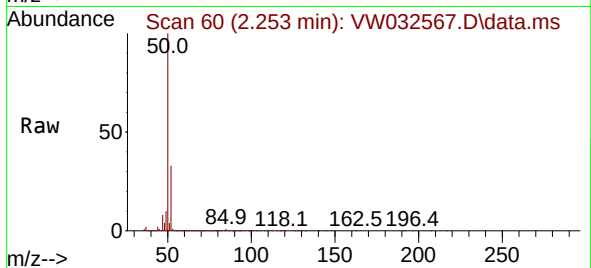




#3
Chloromethane
Concen: 89.707 ug/l
RT: 2.253 min Scan# 60
Delta R.T. -0.000 min
Lab File: VW032567.D
Acq: 03 Dec 2025 12:58

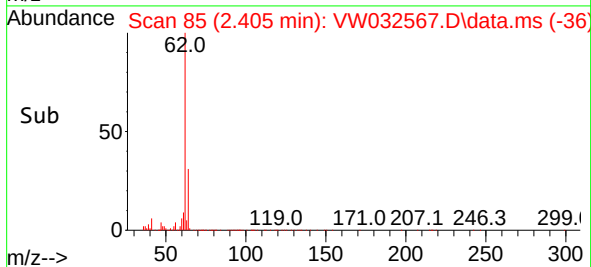
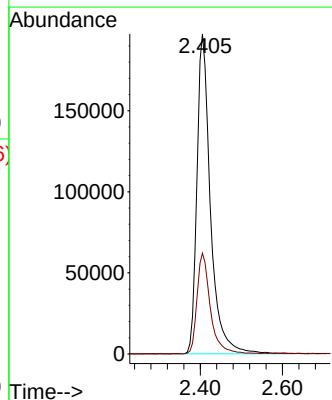
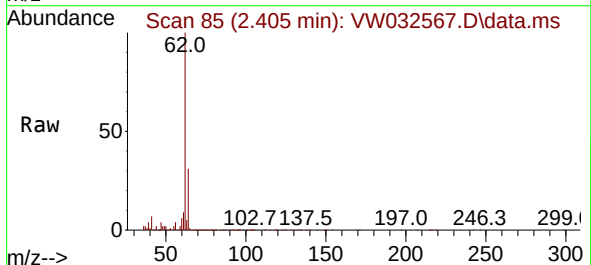
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

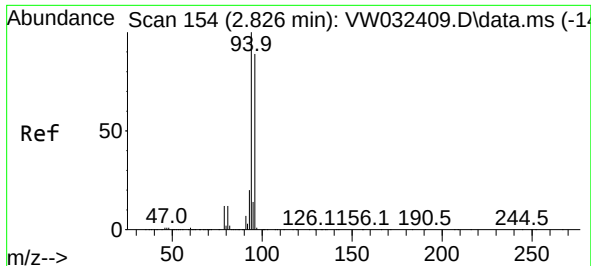
Tgt Ion: 50 Resp: 362579
Ion Ratio Lower Upper
50 100
52 32.7 26.2 39.4



#4
Vinyl Chloride
Concen: 91.801 ug/l
RT: 2.405 min Scan# 85
Delta R.T. -0.000 min
Lab File: VW032567.D
Acq: 03 Dec 2025 12:58

Tgt Ion: 62 Resp: 450163
Ion Ratio Lower Upper
62 100
64 31.4 24.2 36.4

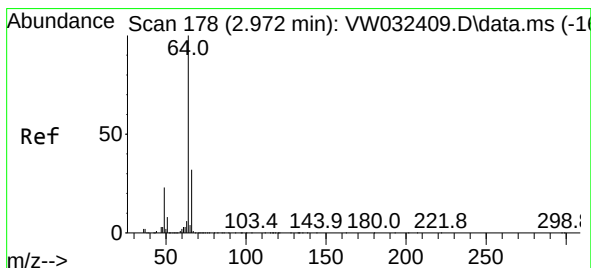
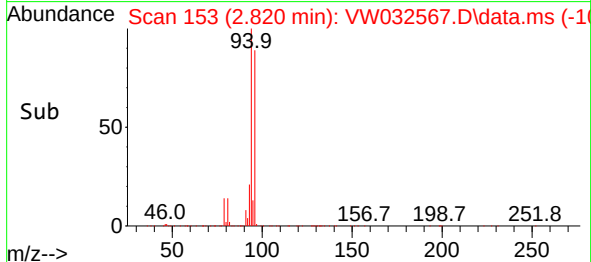
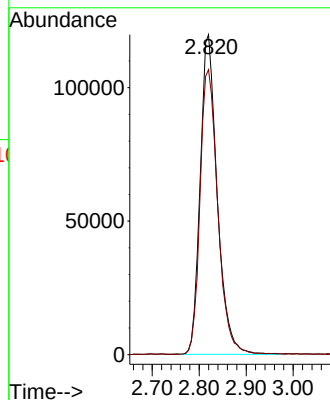
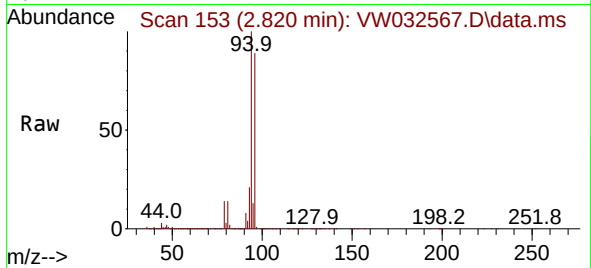




#5
Bromomethane
Concen: 92.693 ug/l
RT: 2.820 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032567.D
Acq: 03 Dec 2025 12:58

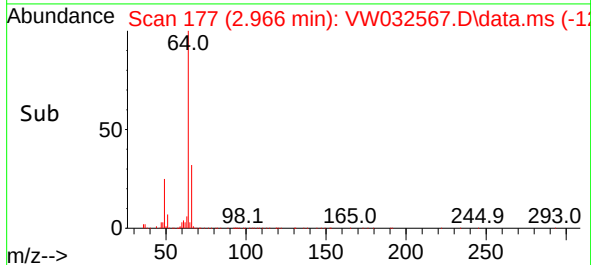
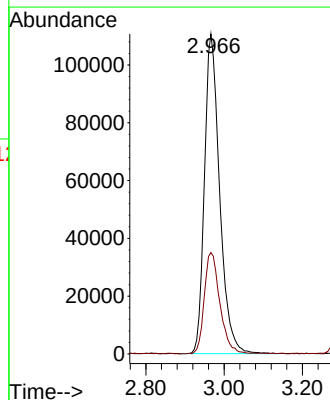
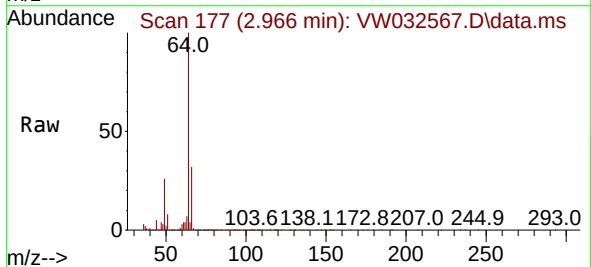
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

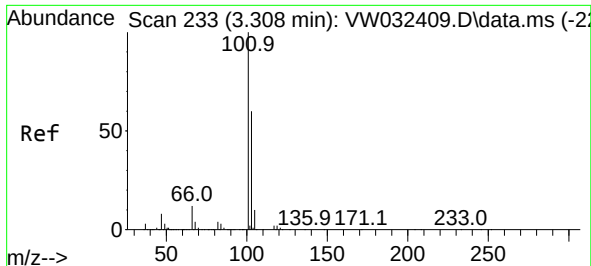
Tgt Ion: 94 Resp: 301861
Ion Ratio Lower Upper
94 100
96 88.9 69.9 104.9



#6
Chloroethane
Concen: 93.873 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.000 min
Lab File: VW032567.D
Acq: 03 Dec 2025 12:58

Tgt Ion: 64 Resp: 297323
Ion Ratio Lower Upper
64 100
66 31.7 25.4 38.2

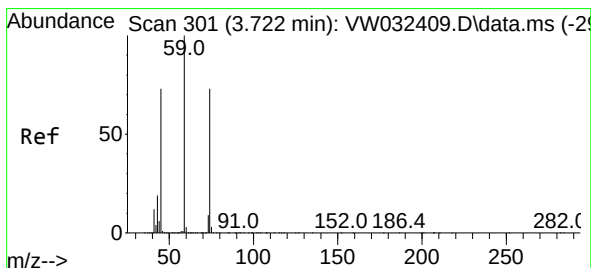
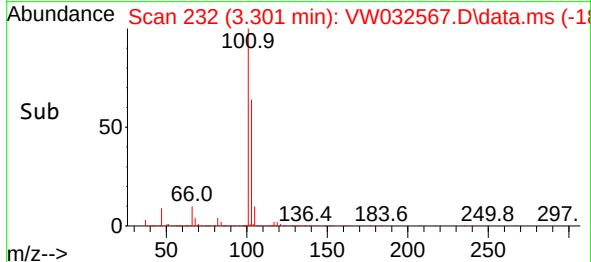
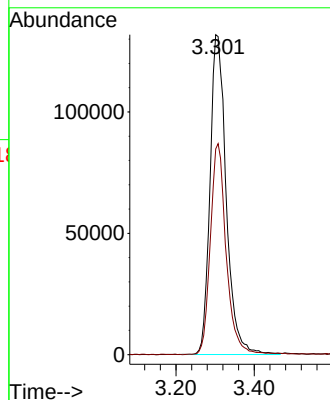
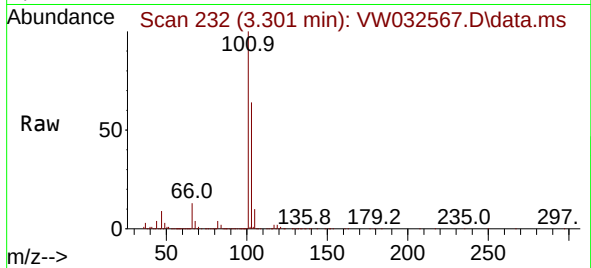




#7
 Trichlorofluoromethane
 Concen: 99.170 ug/l
 RT: 3.301 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW032567.D
 Acq: 03 Dec 2025 12:58

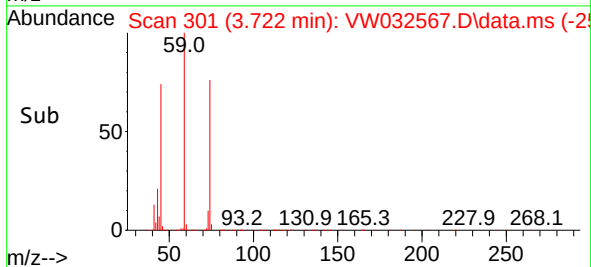
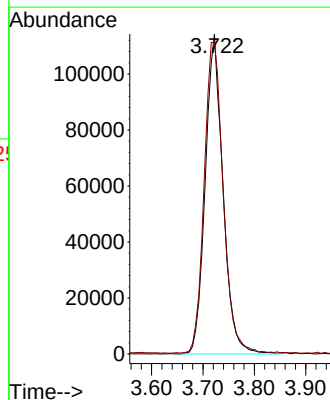
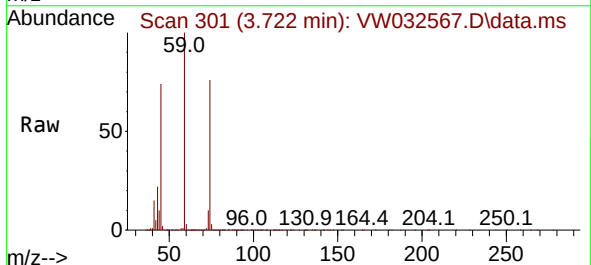
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

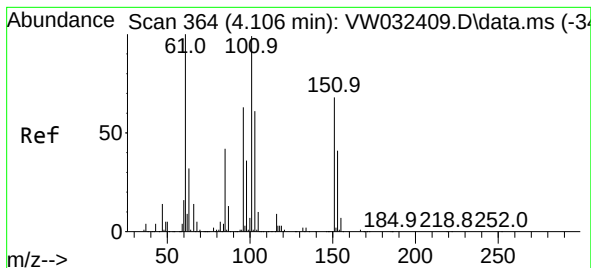
Tgt Ion:101 Resp: 376929
 Ion Ratio Lower Upper
 101 100
 103 64.3 51.1 76.7



#8
 Diethyl Ether
 Concen: 97.416 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. -0.000 min
 Lab File: VW032567.D
 Acq: 03 Dec 2025 12:58

Tgt Ion: 74 Resp: 273717
 Ion Ratio Lower Upper
 74 100
 45 104.2 53.4 160.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 91.043 ug/l

RT: 4.100 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW032567.D

Acq: 03 Dec 2025 12:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC100

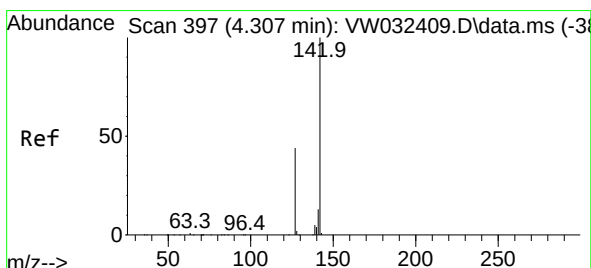
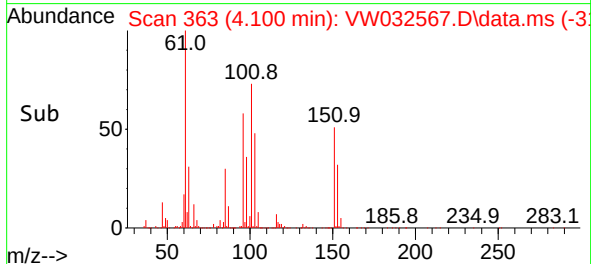
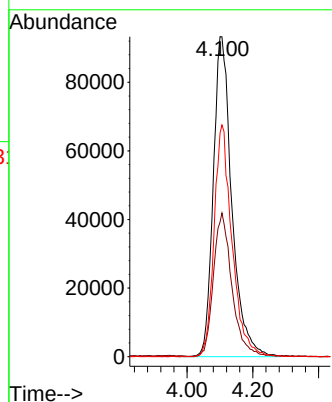
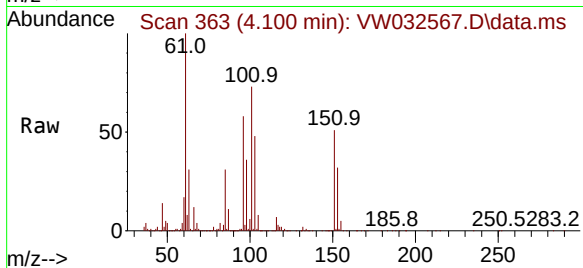
Tgt Ion:101 Resp: 365839

Ion Ratio Lower Upper

101 100

85 45.0 35.0 52.4

151 69.9 54.6 82.0



#10

Methyl Iodide

Concen: 94.467 ug/l

RT: 4.314 min Scan# 398

Delta R.T. -0.000 min

Lab File: VW032567.D

Acq: 03 Dec 2025 12:58

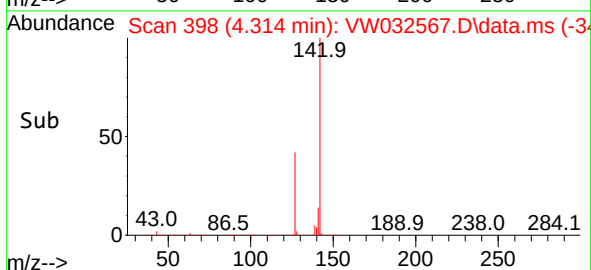
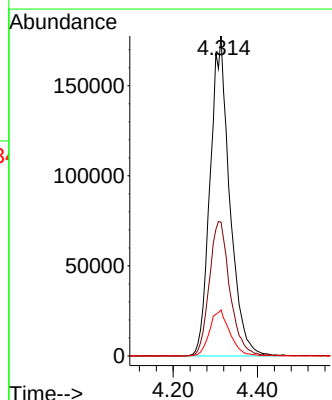
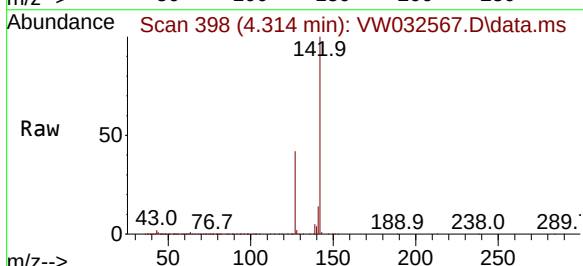
Tgt Ion:142 Resp: 572513

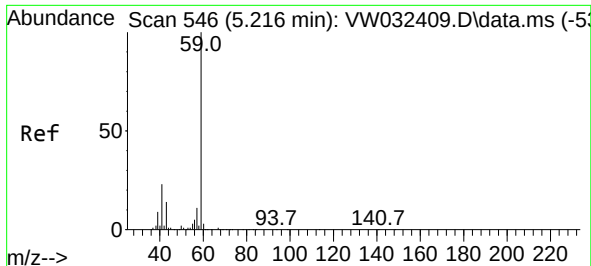
Ion Ratio Lower Upper

142 100

127 44.3 36.2 54.2

141 14.8 11.9 17.9

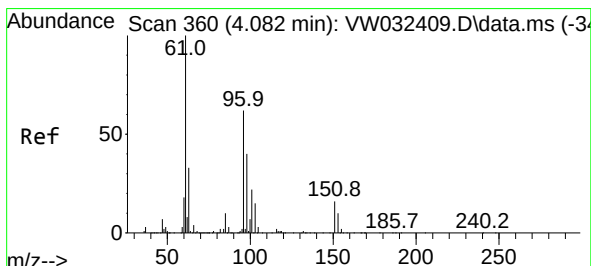
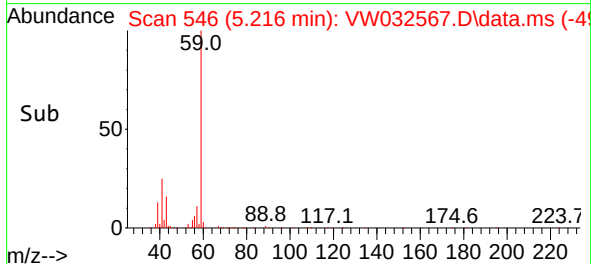
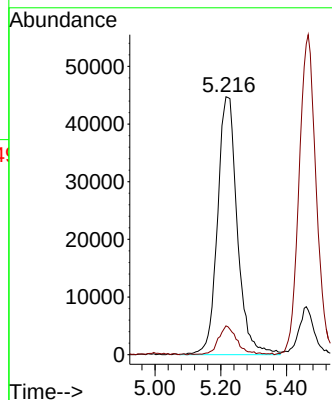
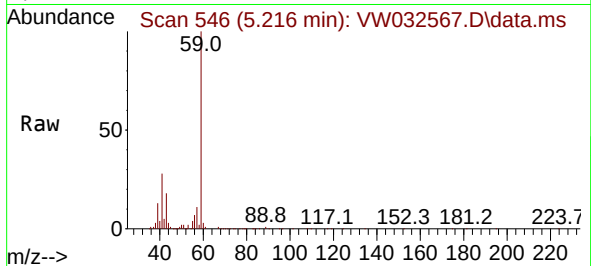




#11
Tert butyl alcohol
Concen: 459.693 ug/l
RT: 5.216 min Scan# 546
Delta R.T. 0.006 min
Lab File: VW032567.D
Acq: 03 Dec 2025 12:58

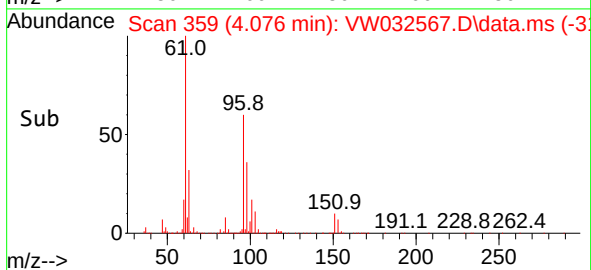
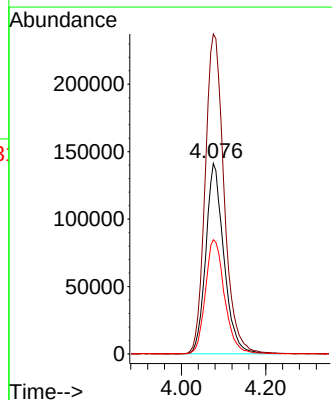
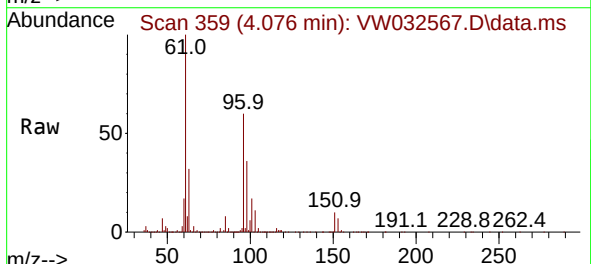
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

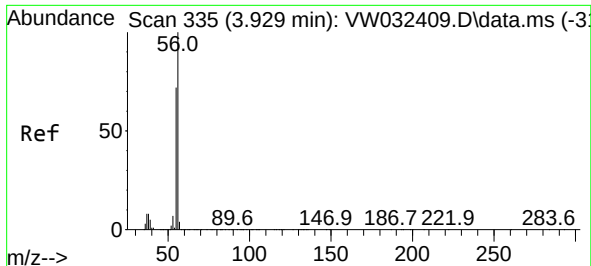
Tgt Ion: 59 Resp: 186905
Ion Ratio Lower Upper
59 100
57 10.1 4.6 6.8#



#12
1,1-Dichloroethene
Concen: 93.057 ug/l
RT: 4.076 min Scan# 359
Delta R.T. -0.006 min
Lab File: VW032567.D
Acq: 03 Dec 2025 12:58

Tgt Ion: 96 Resp: 421607
Ion Ratio Lower Upper
96 100
61 167.8 136.6 205.0
98 59.9 51.4 77.2

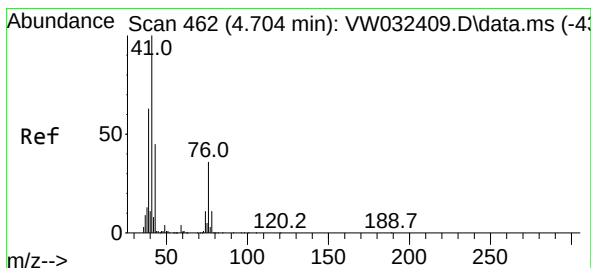
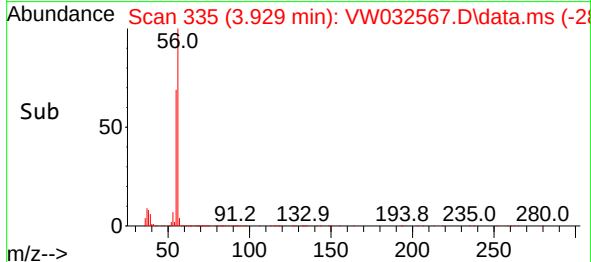
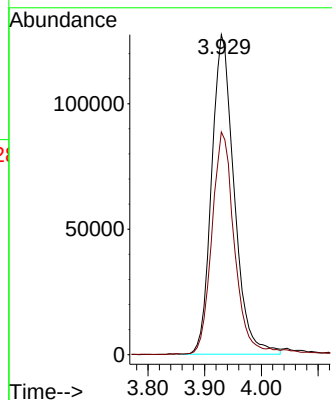
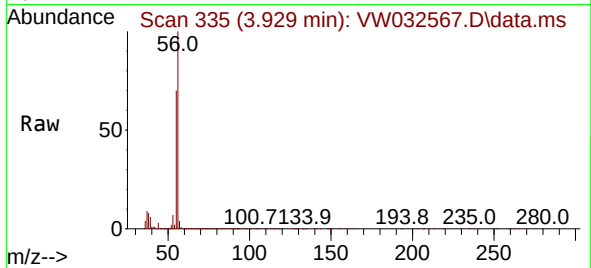




#13
Acrolein
Concen: 487.892 ug/l
RT: 3.929 min Scan# 31
Delta R.T. -0.006 min
Lab File: VW032567.D
Acq: 03 Dec 2025 12:58

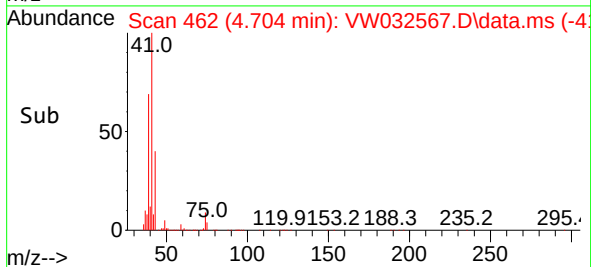
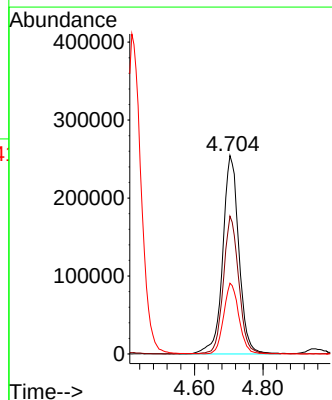
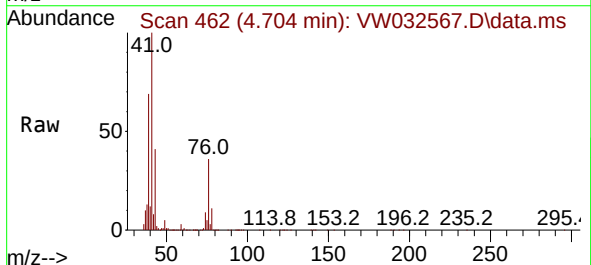
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

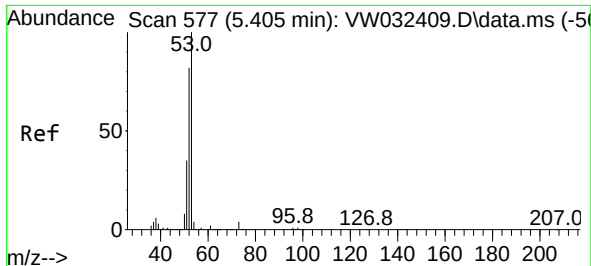
Tgt Ion: 56 Resp: 351593
Ion Ratio Lower Upper
56 100
55 70.2 55.2 82.8



#14
Allyl chloride
Concen: 99.848 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.006 min
Lab File: VW032567.D
Acq: 03 Dec 2025 12:58

Tgt Ion: 41 Resp: 828097
Ion Ratio Lower Upper
41 100
39 66.2 52.9 79.3
76 33.3 25.8 38.6

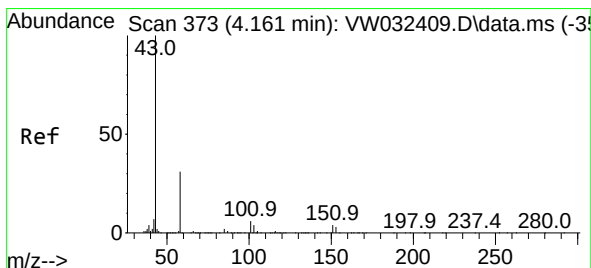
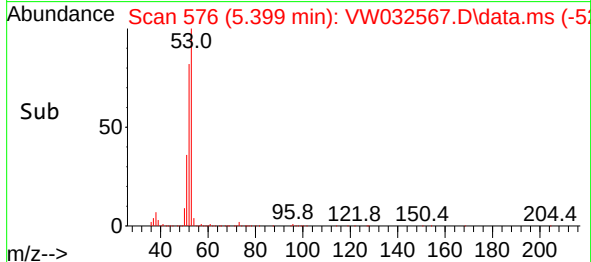
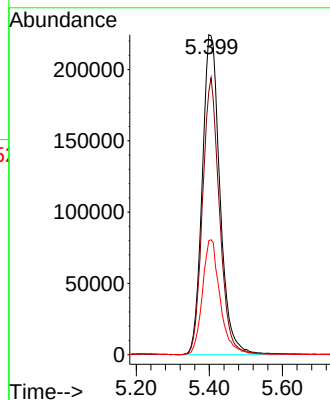
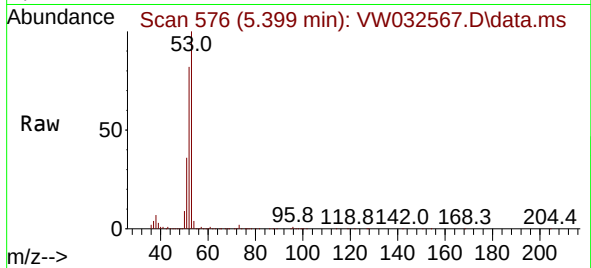




#15
Acrylonitrile
Concen: 511.456 ug/l
RT: 5.399 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW032567.D
Acq: 03 Dec 2025 12:58

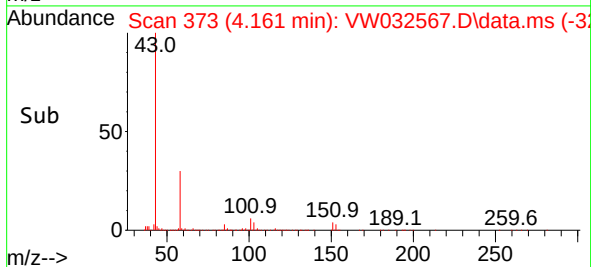
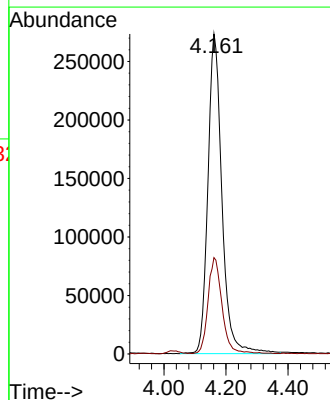
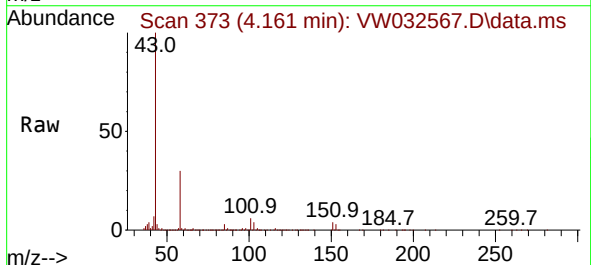
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

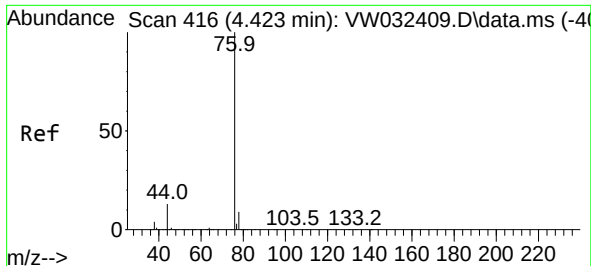
Tgt Ion	Ratio	Lower	Upper
53	100		
52	82.7	66.2	99.2
51	36.0	29.3	43.9



#16
Acetone
Concen: 520.335 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.000 min
Lab File: VW032567.D
Acq: 03 Dec 2025 12:58

Tgt Ion	Ratio	Lower	Upper
43	100		
58	30.0	23.5	35.3

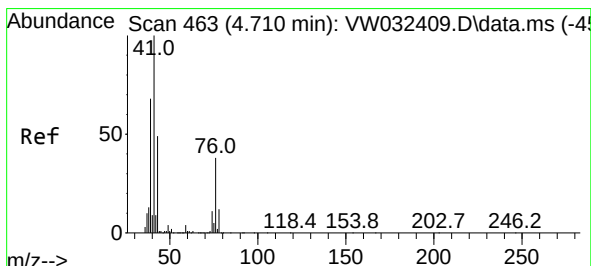
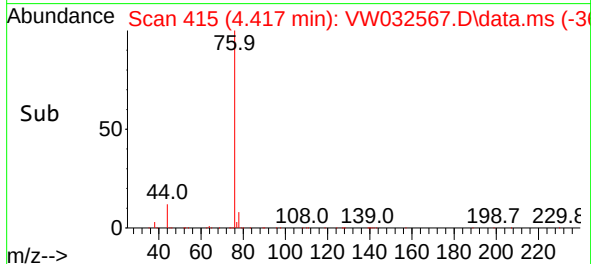
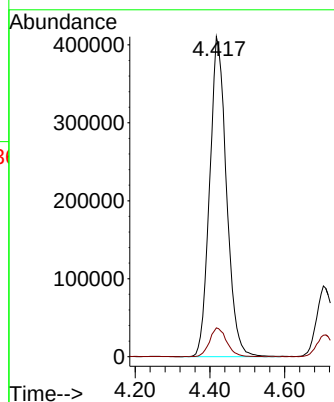
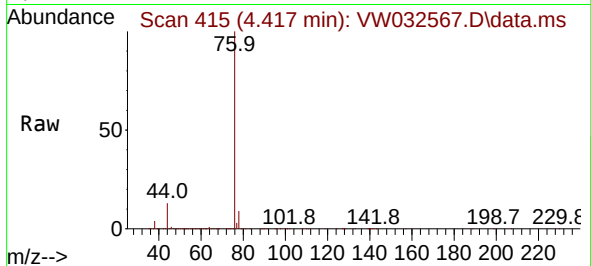




#17
Carbon Disulfide
Concen: 95.755 ug/l
RT: 4.417 min Scan# 416
Delta R.T. -0.006 min
Lab File: VW032567.D
Acq: 03 Dec 2025 12:58

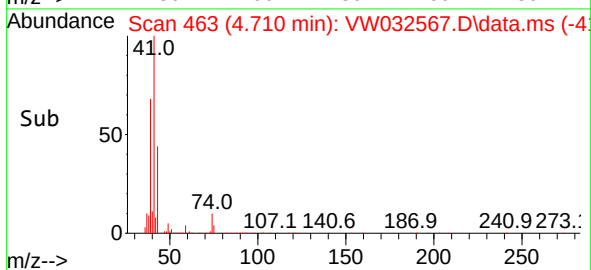
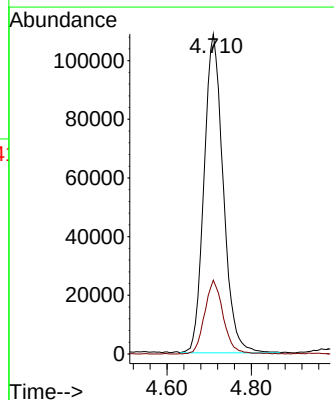
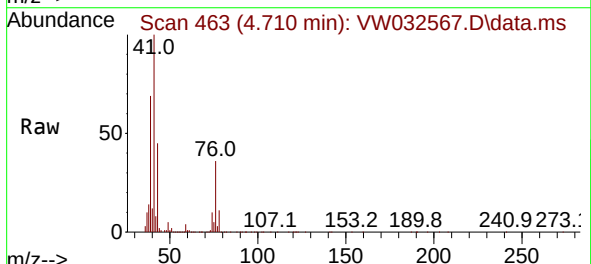
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

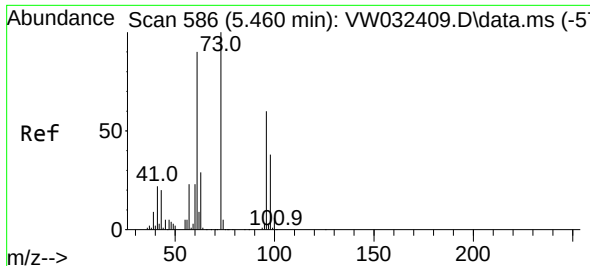
Tgt Ion: 76 Resp: 1285257
Ion Ratio Lower Upper
76 100
78 9.0 6.6 9.8



#18
Methyl Acetate
Concen: 100.959 ug/l
RT: 4.710 min Scan# 463
Delta R.T. -0.000 min
Lab File: VW032567.D
Acq: 03 Dec 2025 12:58

Tgt Ion: 43 Resp: 343471
Ion Ratio Lower Upper
43 100
74 22.4 17.9 26.9

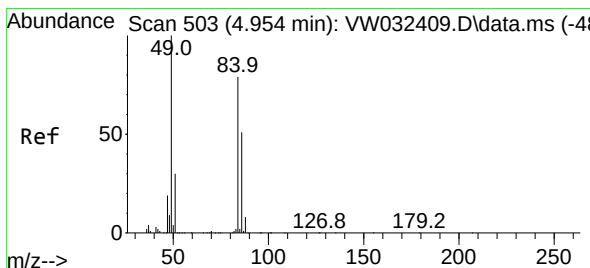
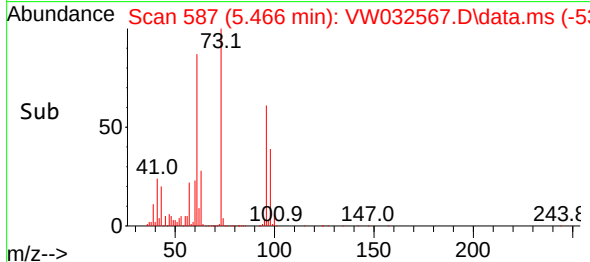
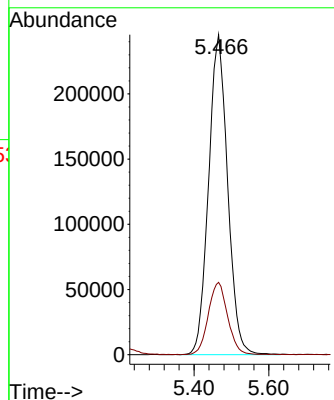
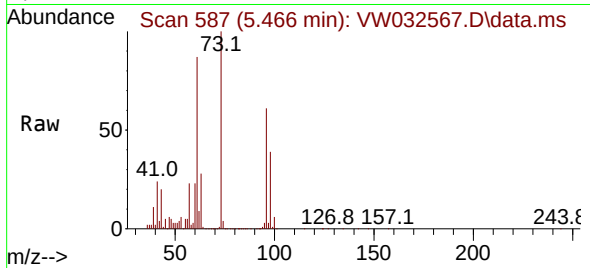




#19
Methyl tert-butyl Ether
Concen: 102.626 ug/l
RT: 5.466 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW032567.D
Acq: 03 Dec 2025 12:58

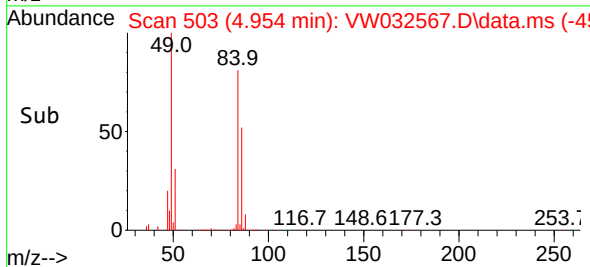
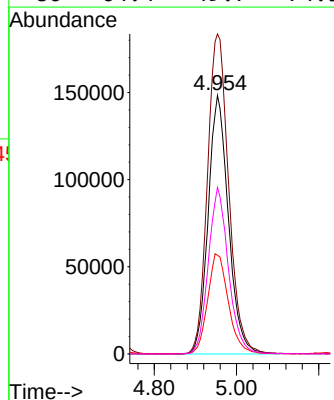
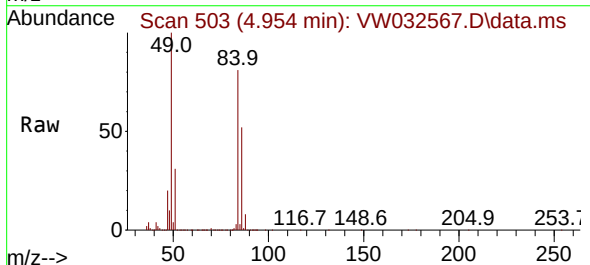
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

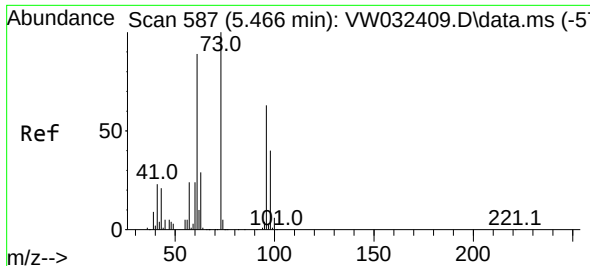
Tgt Ion: 73 Resp: 866662
Ion Ratio Lower Upper
73 100
57 22.6 19.0 28.4



#20
Methylene Chloride
Concen: 86.002 ug/l
RT: 4.954 min Scan# 503
Delta R.T. -0.000 min
Lab File: VW032567.D
Acq: 03 Dec 2025 12:58

Tgt Ion: 84 Resp: 508033
Ion Ratio Lower Upper
84 100
49 123.6 107.6 161.4
51 38.1 33.9 50.9
86 64.4 49.7 74.5



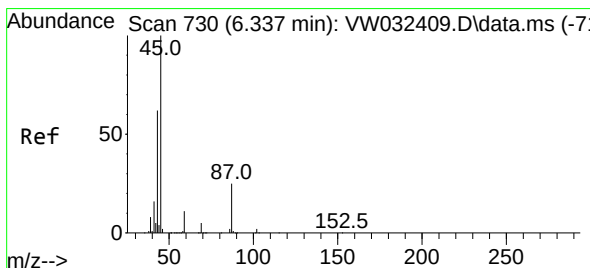
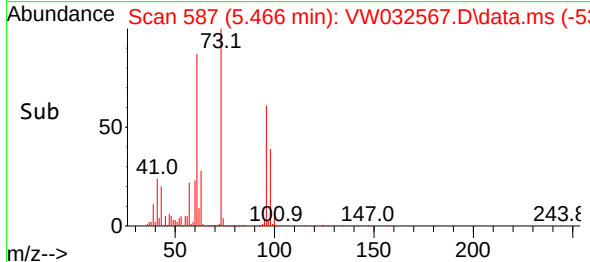
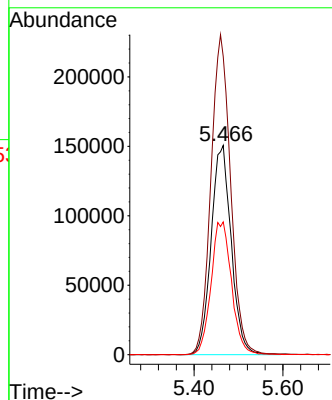
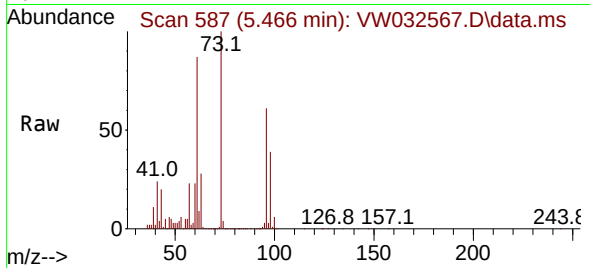


#21
trans-1,2-Dichloroethene
Concen: 95.503 ug/l
RT: 5.466 min Scan# 587
Delta R.T. 0.006 min
Lab File: VW032567.D
Acq: 03 Dec 2025 12:58

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Tgt Ion: 96 Resp: 472773

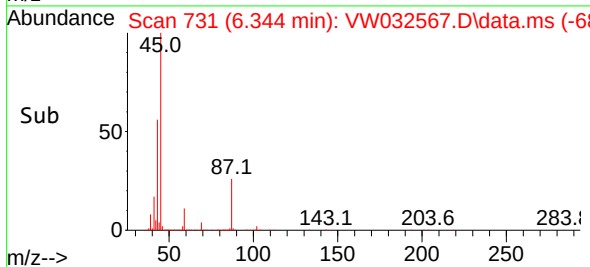
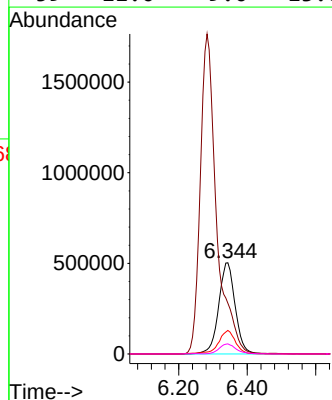
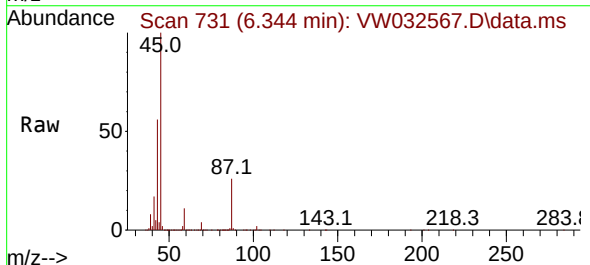
Ion	Ratio	Lower	Upper
96	100		
61	142.4	111.0	166.4
98	63.4	48.4	72.6

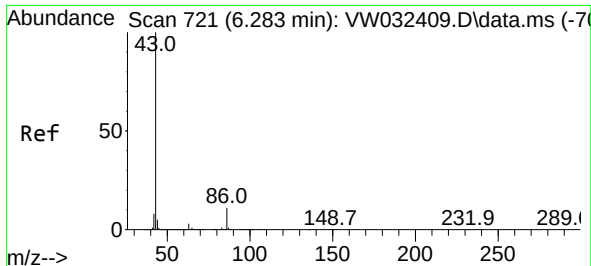


#22
Diisopropyl ether
Concen: 101.087 ug/l
RT: 6.344 min Scan# 731
Delta R.T. -0.000 min
Lab File: VW032567.D
Acq: 03 Dec 2025 12:58

Tgt Ion: 45 Resp: 1673162

Ion	Ratio	Lower	Upper
45	100		
43	55.6	44.5	66.7
87	25.9	19.7	29.5
59	11.0	9.0	13.6

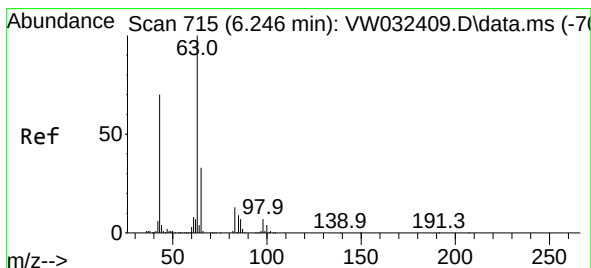
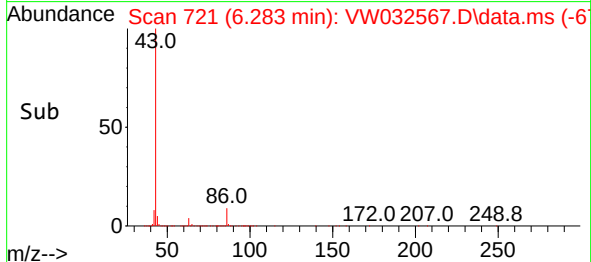
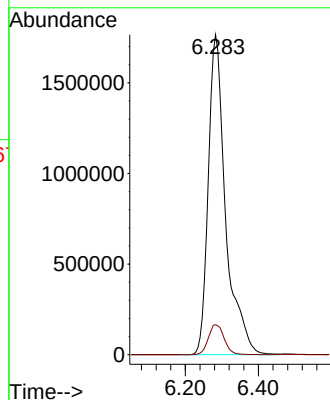
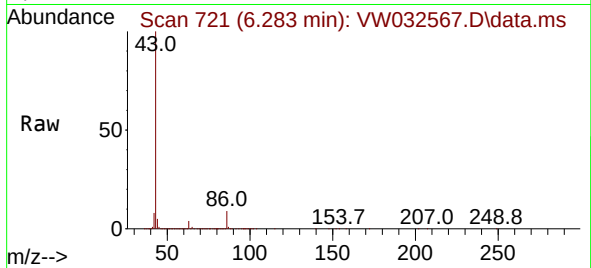




#23
 Vinyl Acetate
 Concen: 530.258 ug/l
 RT: 6.283 min Scan# 721
 Delta R.T. -0.000 min
 Lab File: VW032567.D
 Acq: 03 Dec 2025 12:58

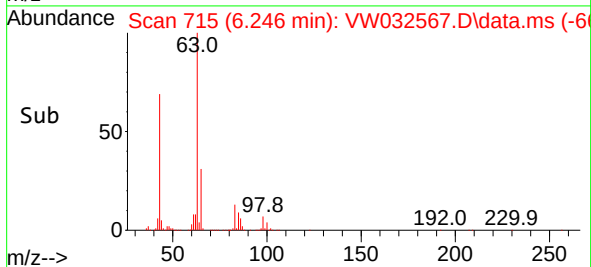
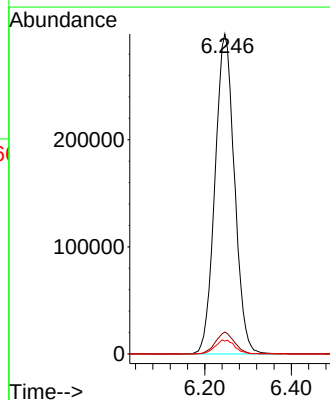
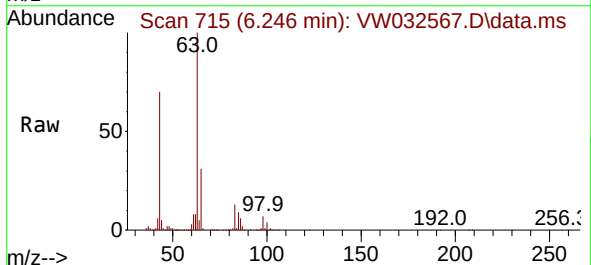
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

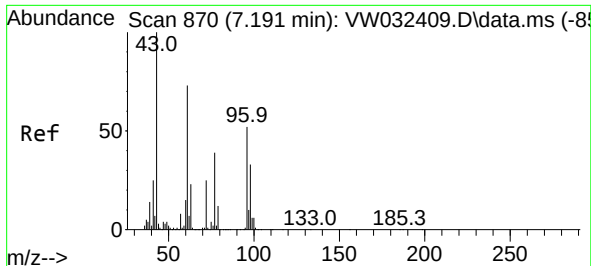
Tgt Ion: 43 Resp: 5815618
 Ion Ratio Lower Upper
 43 100
 86 9.4 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 97.027 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. -0.000 min
 Lab File: VW032567.D
 Acq: 03 Dec 2025 12:58

Tgt Ion: 63 Resp: 932402
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.4 10.2
 100 4.1 2.3 6.8

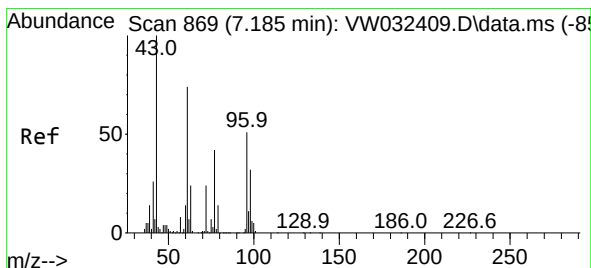
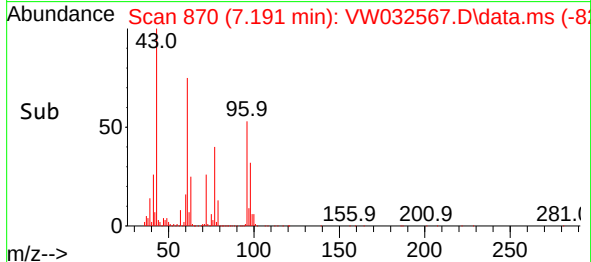
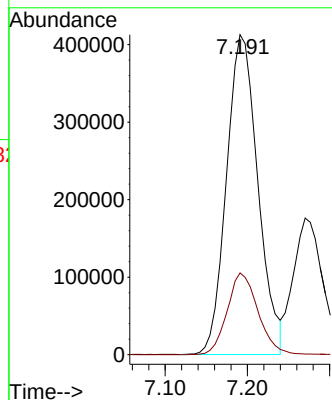
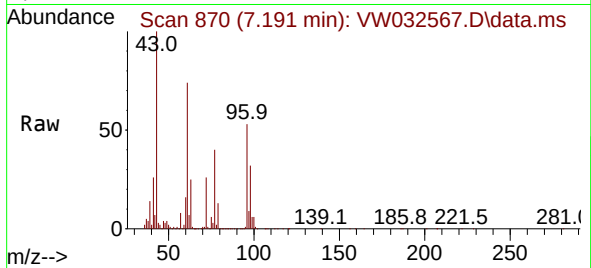




#25
2-Butanone
Concen: 517.390 ug/l
RT: 7.191 min Scan# 870
Delta R.T. -0.000 min
Lab File: VW032567.D
Acq: 03 Dec 2025 12:58

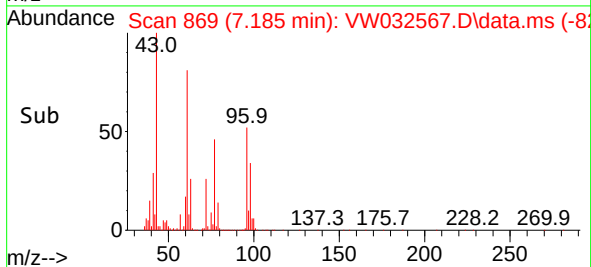
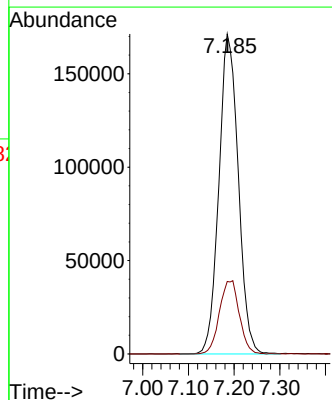
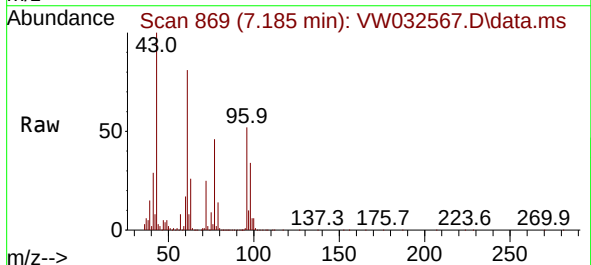
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

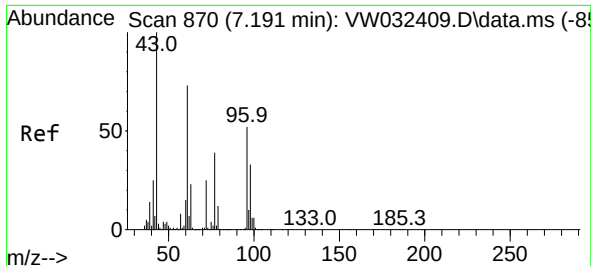
Tgt Ion: 43 Resp: 1096796
Ion Ratio Lower Upper
43 100
72 25.5 19.7 29.5



#26
2,2-Dichloropropane
Concen: 90.493 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.000 min
Lab File: VW032567.D
Acq: 03 Dec 2025 12:58

Tgt Ion: 77 Resp: 504116
Ion Ratio Lower Upper
77 100
97 23.5 11.6 34.7

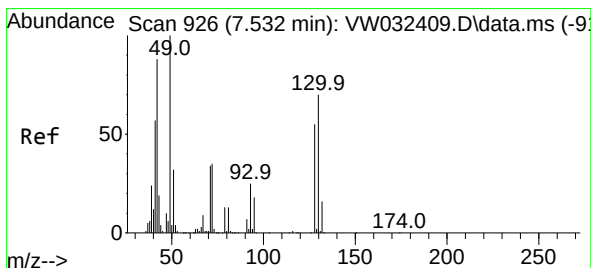
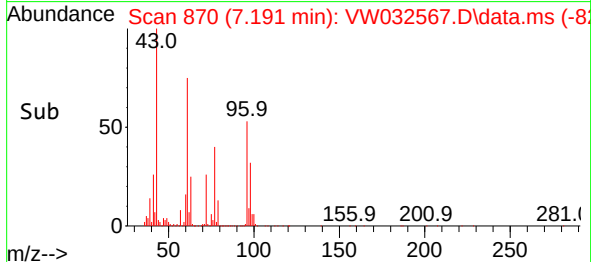
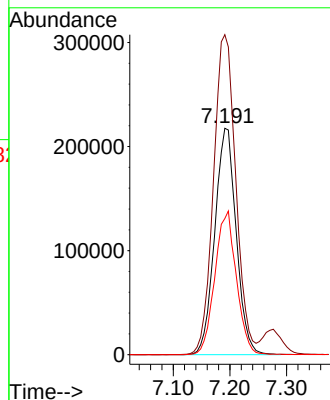
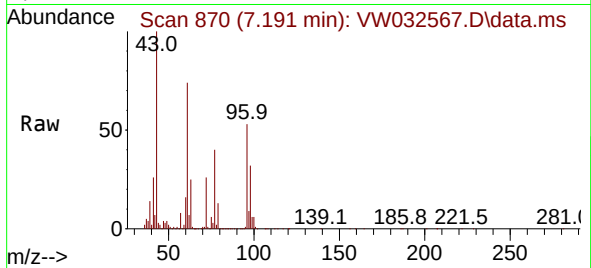




#27
 cis-1,2-Dichloroethene
 Concen: 99.208 ug/l
 RT: 7.191 min Scan# 870
 Delta R.T. -0.000 min
 Lab File: VW032567.D
 Acq: 03 Dec 2025 12:58

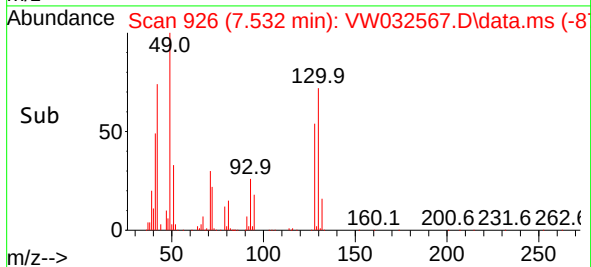
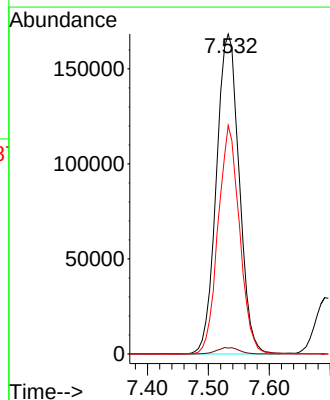
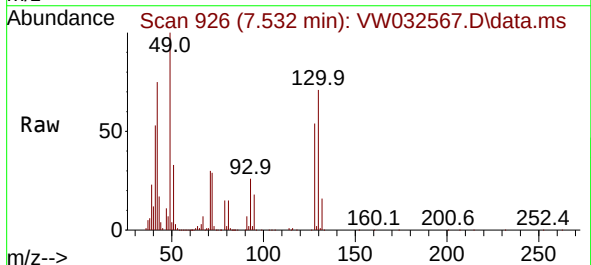
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

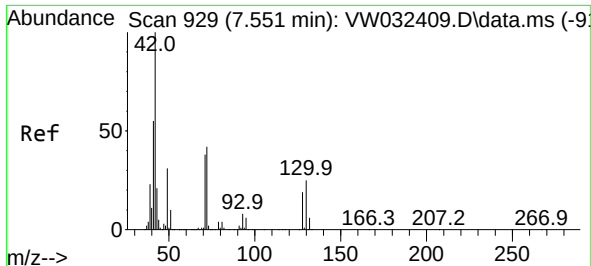
Tgt Ion: 96 Resp: 571756
 Ion Ratio Lower Upper
 96 100
 61 146.9 0.0 298.6
 98 63.7 0.0 129.2



#28
 Bromochloromethane
 Concen: 101.259 ug/l
 RT: 7.532 min Scan# 926
 Delta R.T. -0.000 min
 Lab File: VW032567.D
 Acq: 03 Dec 2025 12:58

Tgt Ion: 49 Resp: 437111
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.6
 130 67.3 54.1 81.1





#29

Tetrahydrofuran

Concen: 528.903 ug/l

RT: 7.551 min Scan# 91

Delta R.T. -0.000 min

Lab File: VW032567.D

Acq: 03 Dec 2025 12:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

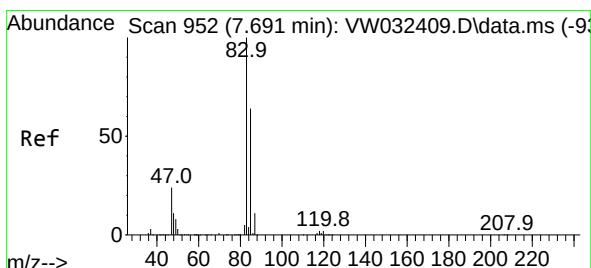
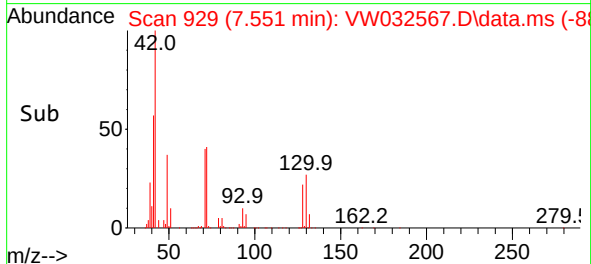
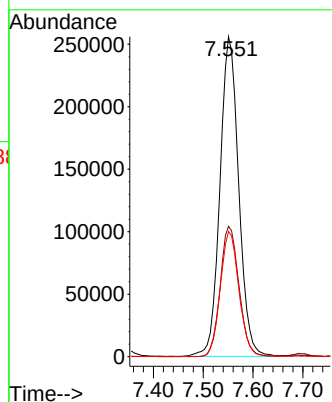
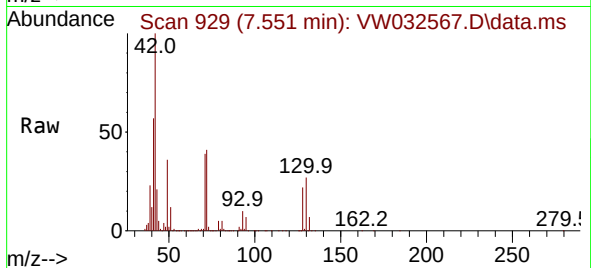
Tgt Ion: 42 Resp: 669455

Ion Ratio Lower Upper

42 100

72 40.7 32.4 48.6

71 38.9 31.1 46.7



#30

Chloroform

Concen: 96.270 ug/l

RT: 7.691 min Scan# 952

Delta R.T. -0.006 min

Lab File: VW032567.D

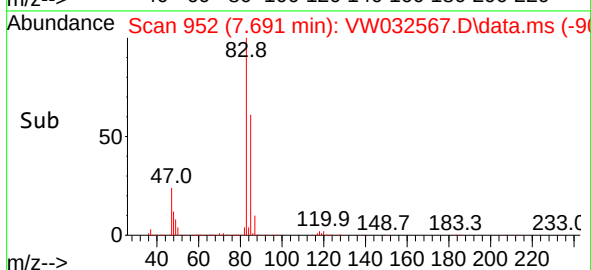
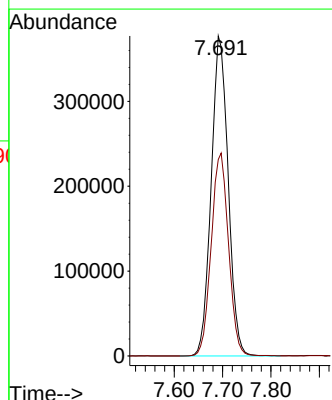
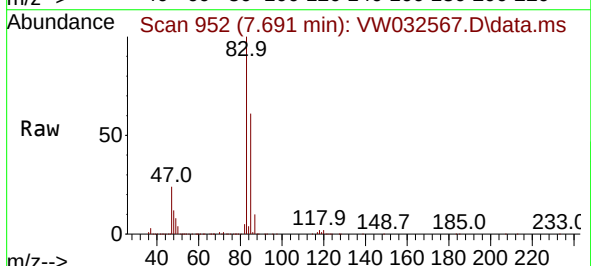
Acq: 03 Dec 2025 12:58

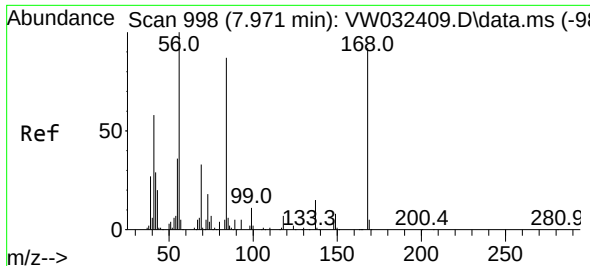
Tgt Ion: 83 Resp: 918136

Ion Ratio Lower Upper

83 100

85 61.4 53.1 79.7

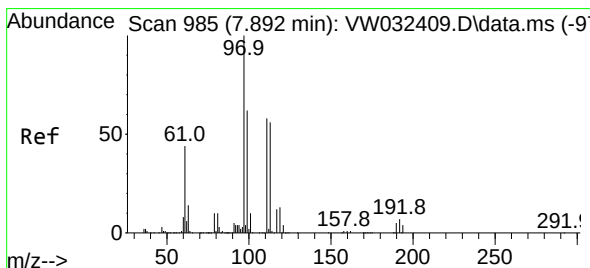
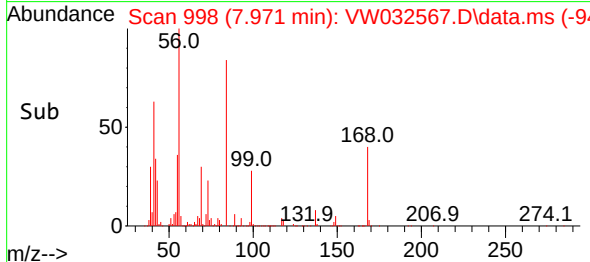
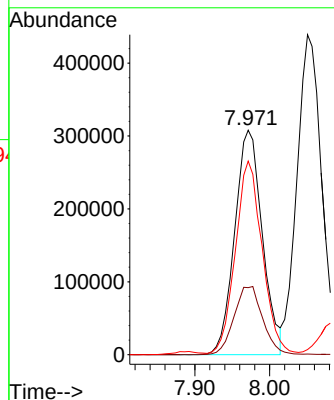
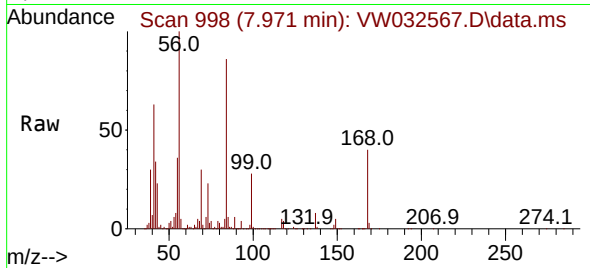




#31
Cyclohexane
Concen: 93.383 ug/l
RT: 7.971 min Scan# 998
Delta R.T. -0.000 min
Lab File: VW032567.D
Acq: 03 Dec 2025 12:58

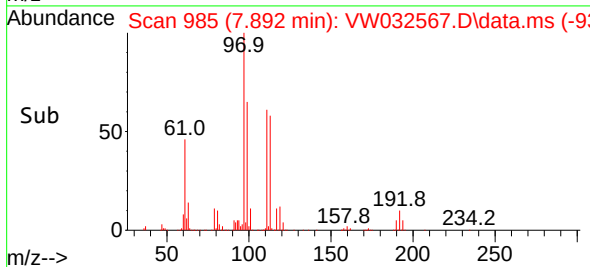
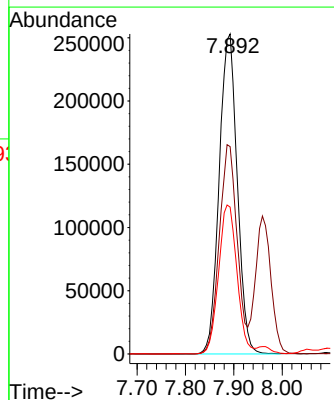
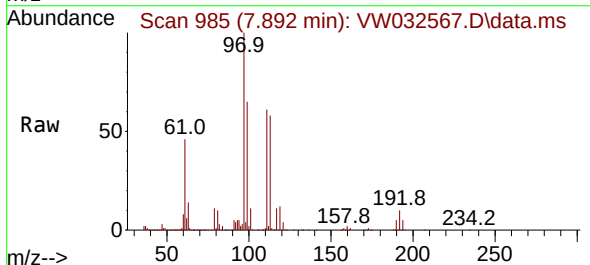
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

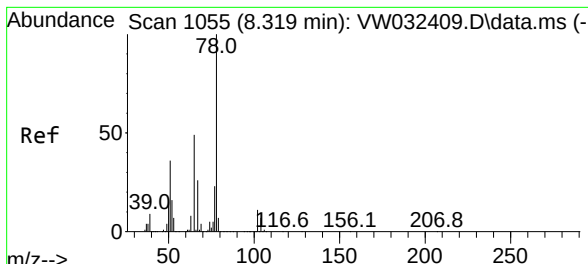
Tgt Ion: 56 Resp: 791297
Ion Ratio Lower Upper
56 100
69 29.9 27.3 40.9
84 84.9 67.5 101.3



#32
1,1,1-Trichloroethane
Concen: 94.670 ug/l
RT: 7.892 min Scan# 985
Delta R.T. 0.006 min
Lab File: VW032567.D
Acq: 03 Dec 2025 12:58

Tgt Ion: 97 Resp: 655289
Ion Ratio Lower Upper
97 100
99 64.9 51.8 77.8
61 47.4 37.8 56.8

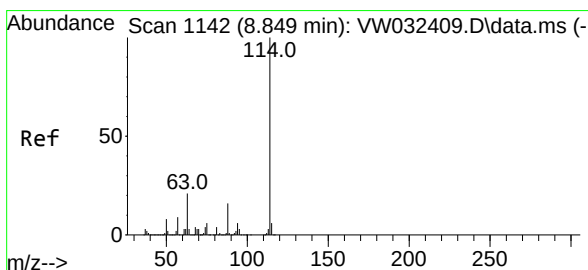
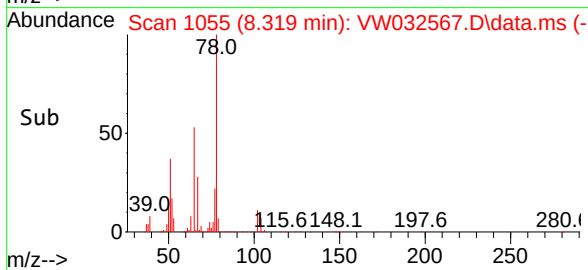
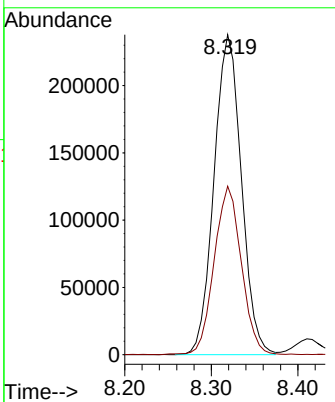
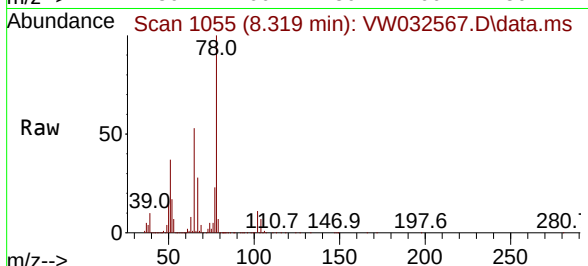




#33
 1,2-Dichloroethane-d4
 Concen: 98.721 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. -0.000 min
 Lab File: VW032567.D
 Acq: 03 Dec 2025 12:58

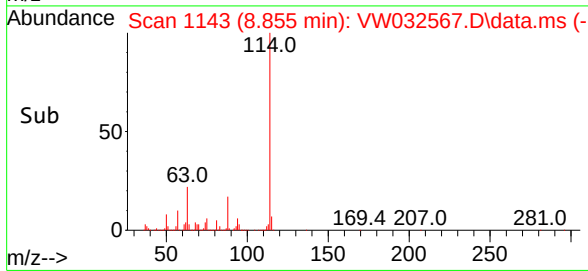
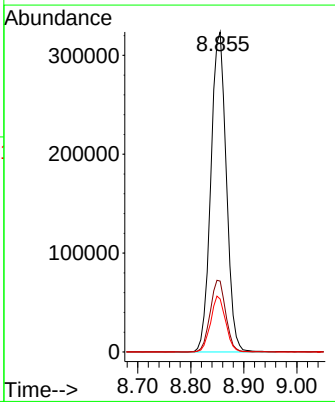
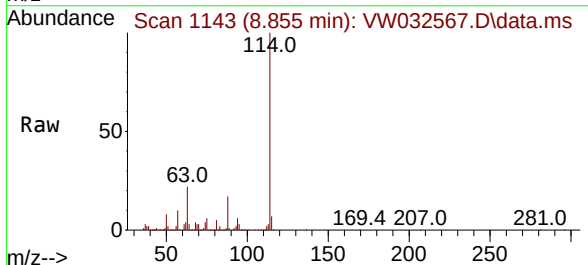
Instrument : MSVOA_W
 ClientSampleId : VSTDIC100

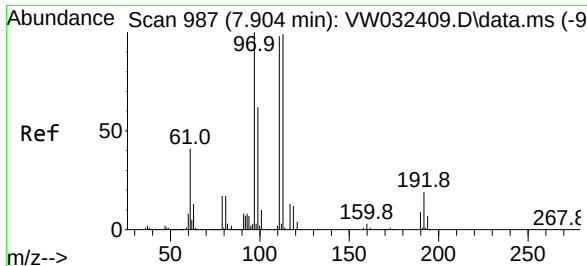
Tgt Ion:	65	Resp:	521850
Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	108.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.855 min Scan# 1143
 Delta R.T. -0.000 min
 Lab File: VW032567.D
 Acq: 03 Dec 2025 12:58

Tgt Ion:	114	Resp:	654581
Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	40.6
88	16.5	0.0	31.2

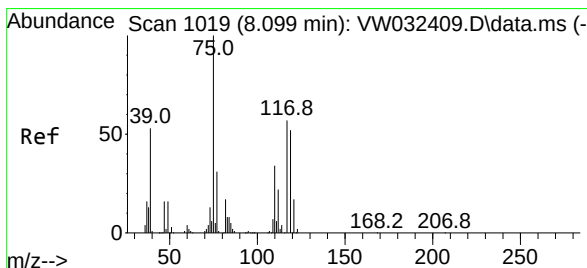
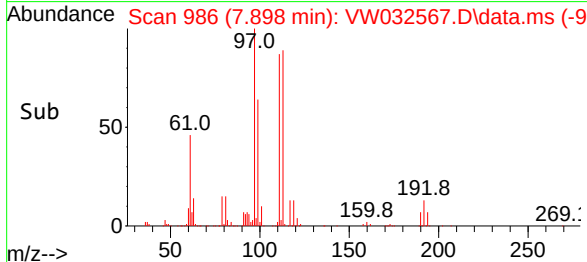
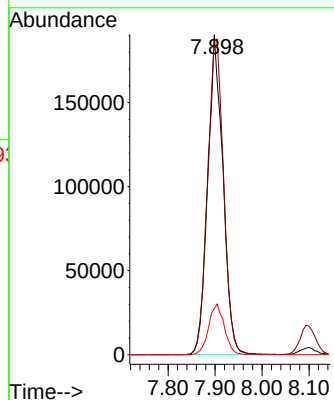
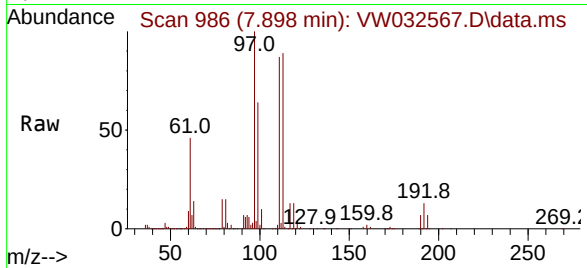




#35
 Dibromofluoromethane
 Concen: 99.279 ug/l
 RT: 7.898 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VW032567.D
 Acq: 03 Dec 2025 12:58

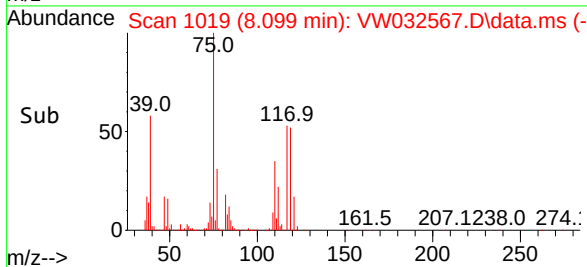
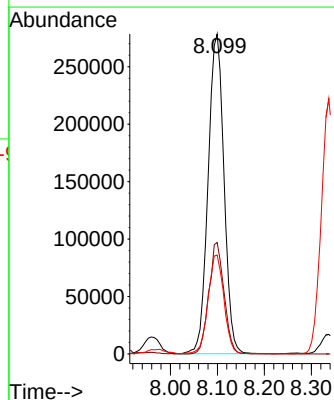
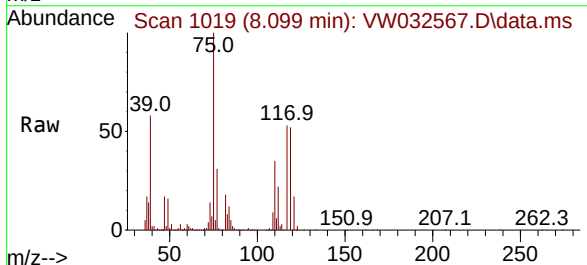
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

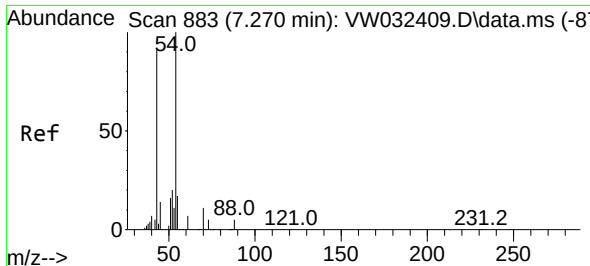
Tgt Ion:113 Resp: 427652
 Ion Ratio Lower Upper
 113 100
 111 104.2 83.4 125.0
 192 16.3 13.4 20.2



#36
 1,1-Dichloropropene
 Concen: 99.227 ug/l
 RT: 8.099 min Scan# 1019
 Delta R.T. 0.006 min
 Lab File: VW032567.D
 Acq: 03 Dec 2025 12:58

Tgt Ion: 75 Resp: 651958
 Ion Ratio Lower Upper
 75 100
 110 33.4 16.9 50.6
 77 30.8 24.6 37.0

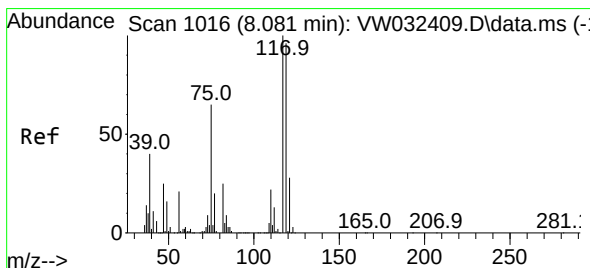
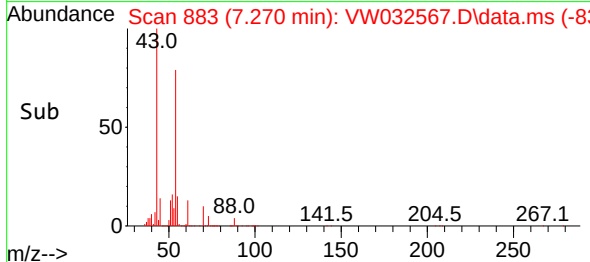
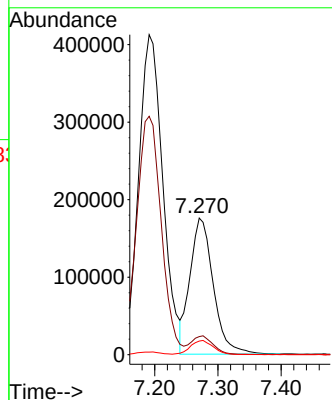
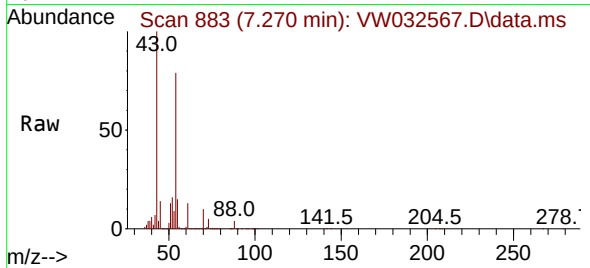




#37
Ethyl Acetate
Concen: 99.343 ug/l
RT: 7.270 min Scan# 883
Delta R.T. -0.006 min
Lab File: VW032567.D
Acq: 03 Dec 2025 12:58

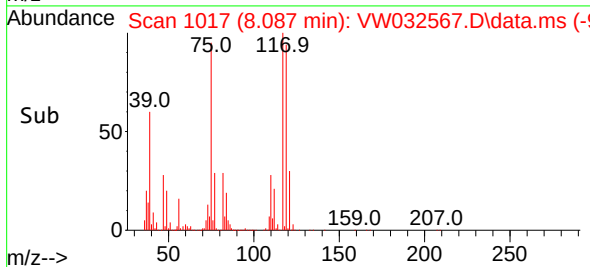
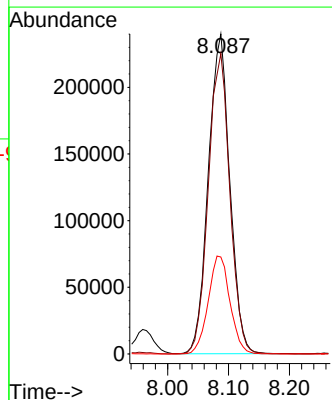
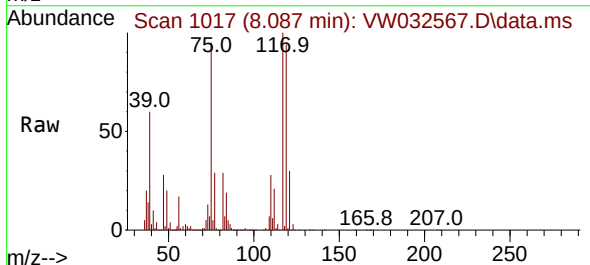
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

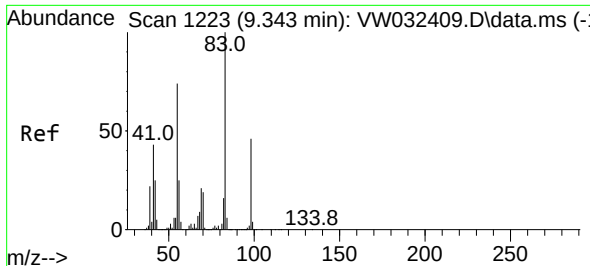
Tgt Ion: 43 Resp: 451708
Ion Ratio Lower Upper
43 100
61 13.3 10.6 16.0
70 10.2 7.9 11.9



#38
Carbon Tetrachloride
Concen: 96.272 ug/l
RT: 8.087 min Scan# 1017
Delta R.T. 0.006 min
Lab File: VW032567.D
Acq: 03 Dec 2025 12:58

Tgt Ion: 117 Resp: 587658
Ion Ratio Lower Upper
117 100
119 93.9 76.9 115.3
121 30.3 25.4 38.2

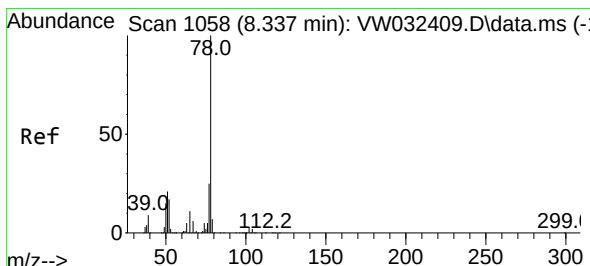
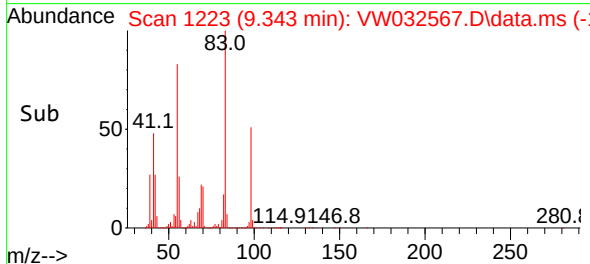
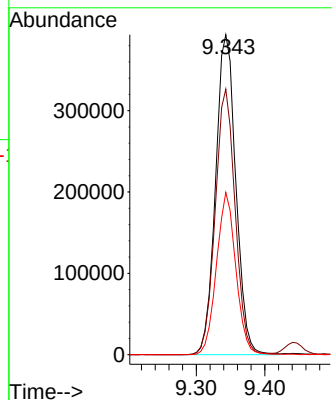
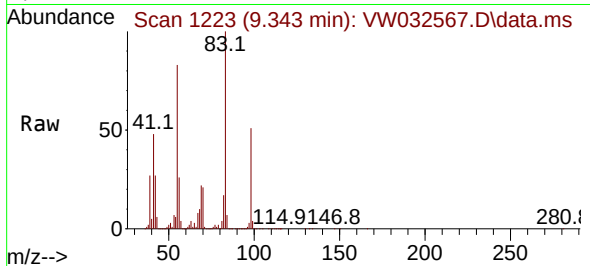




#39
Methylcyclohexane
Concen: 100.505 ug/l
RT: 9.343 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032567.D
Acq: 03 Dec 2025 12:58

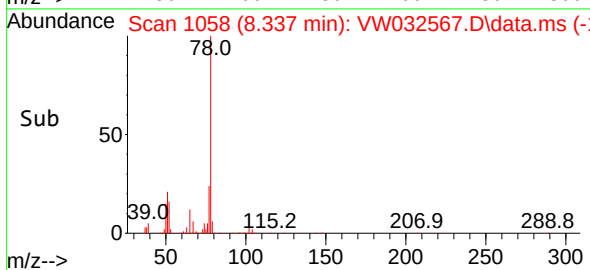
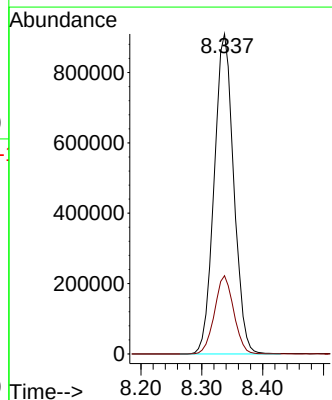
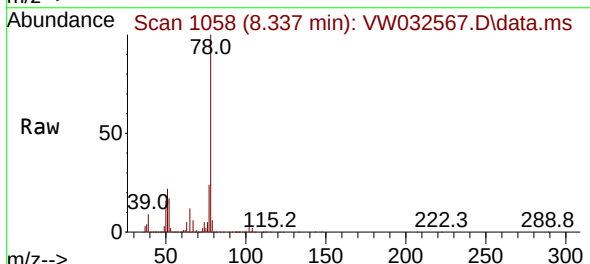
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

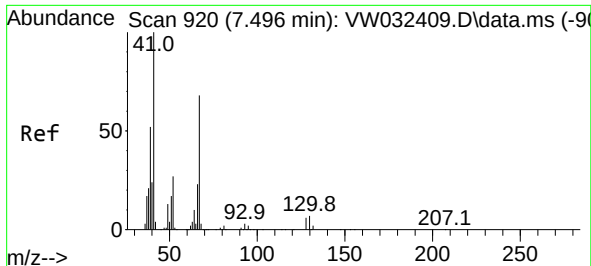
Tgt Ion: 83 Resp: 806349
Ion Ratio Lower Upper
83 100
55 83.0 64.9 97.3
98 50.7 36.2 54.4



#40
Benzene
Concen: 96.683 ug/l
RT: 8.337 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VW032567.D
Acq: 03 Dec 2025 12:58

Tgt Ion: 78 Resp: 2024351
Ion Ratio Lower Upper
78 100
77 24.4 20.0 30.0



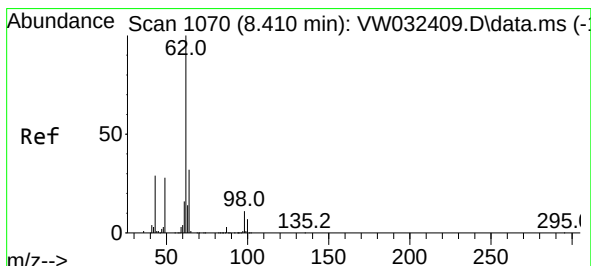
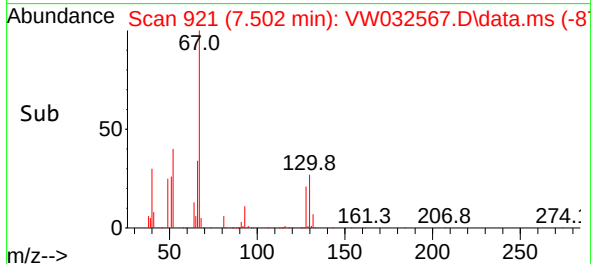
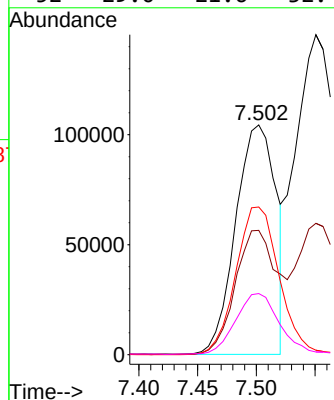
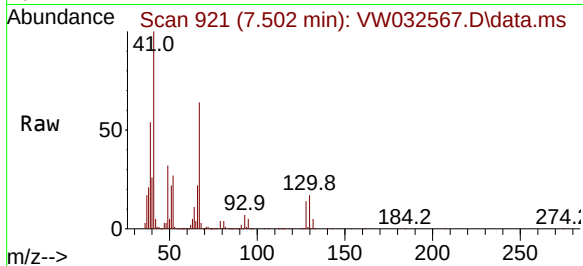


#41
Methacrylonitrile
Concen: 101.564 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW032567.D
Acq: 03 Dec 2025 12:58

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion: 41 Resp: 249877

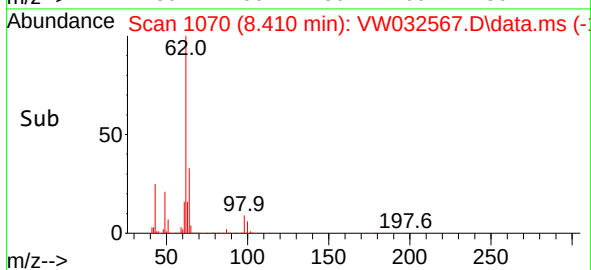
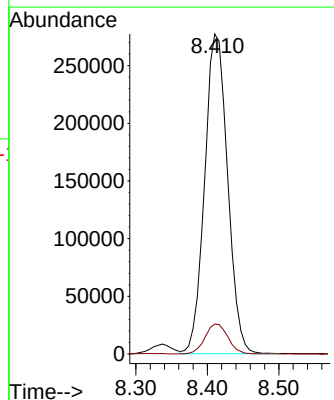
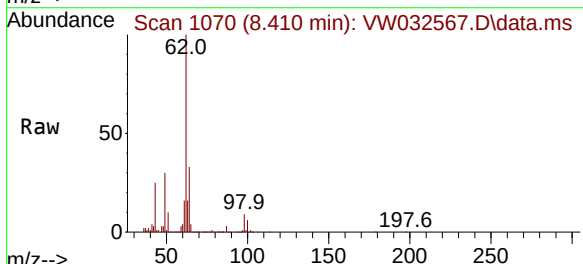
Ion	Ratio	Lower	Upper
41	100		
39	58.5	38.5	57.7#
67	69.6	49.8	74.6
52	29.0	21.6	32.4

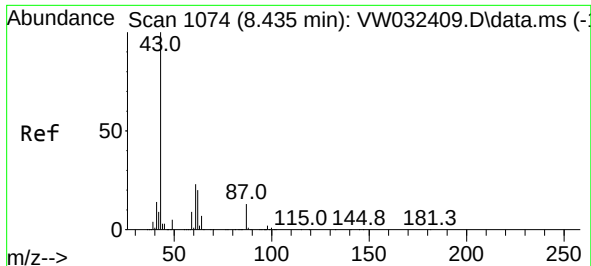


#42
1,2-Dichloroethane
Concen: 96.566 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VW032567.D
Acq: 03 Dec 2025 12:58

Tgt Ion: 62 Resp: 619919

Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.0

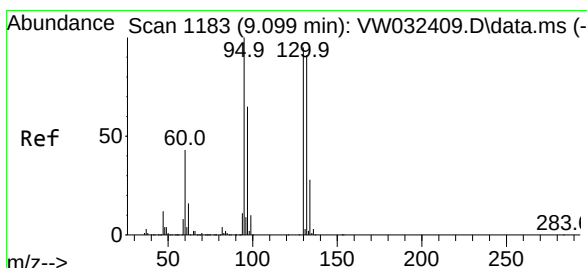
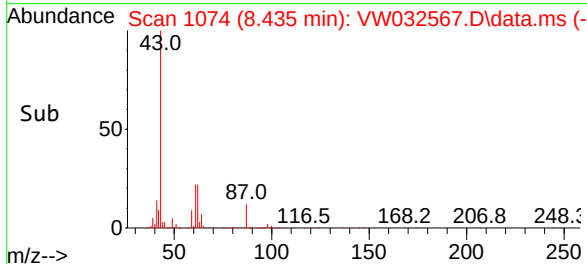
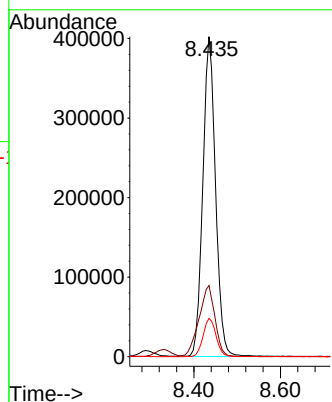
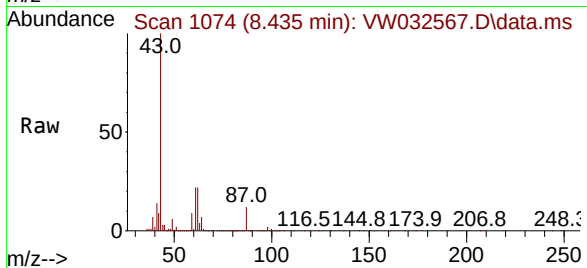




#43
Isopropyl Acetate
Concen: 104.642 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. -0.000 min
Lab File: VW032567.D
Acq: 03 Dec 2025 12:58

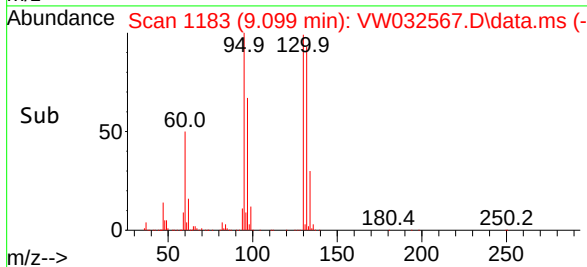
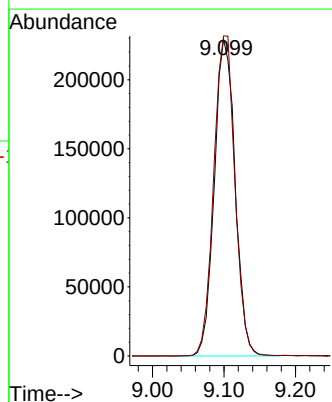
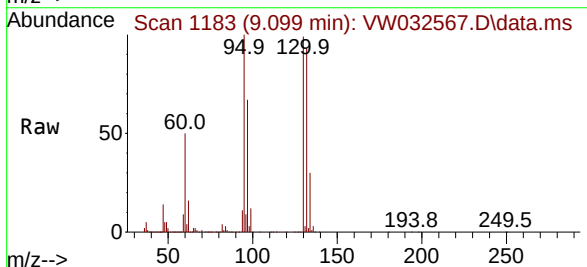
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

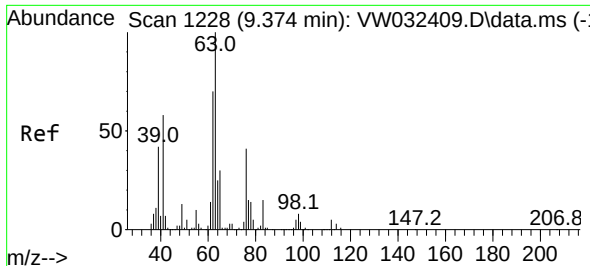
Tgt Ion: 43 Resp: 817843
Ion Ratio Lower Upper
43 100
61 27.9 22.3 33.5
87 12.3 9.9 14.9



#44
Trichloroethene
Concen: 98.916 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. -0.006 min
Lab File: VW032567.D
Acq: 03 Dec 2025 12:58

Tgt Ion:130 Resp: 462896
Ion Ratio Lower Upper
130 100
95 101.0 0.0 190.4

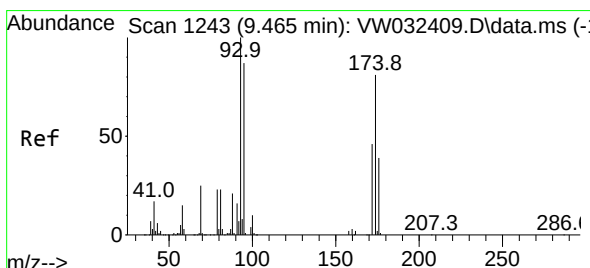
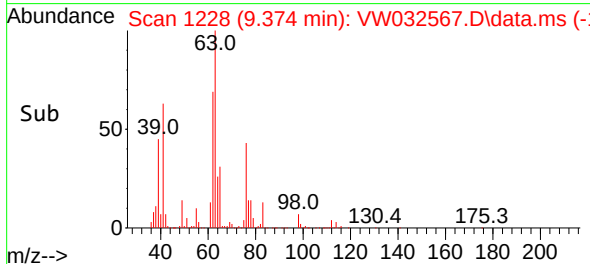
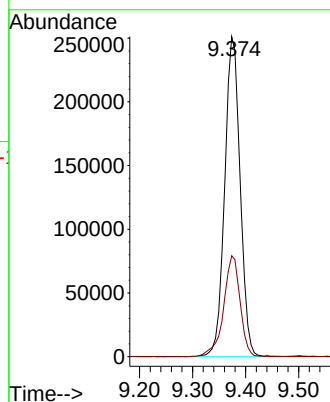
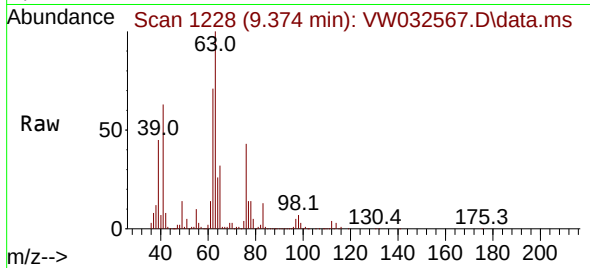




#45
1,2-Dichloropropane
Concen: 97.822 ug/l
RT: 9.374 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VW032567.D
Acq: 03 Dec 2025 12:58

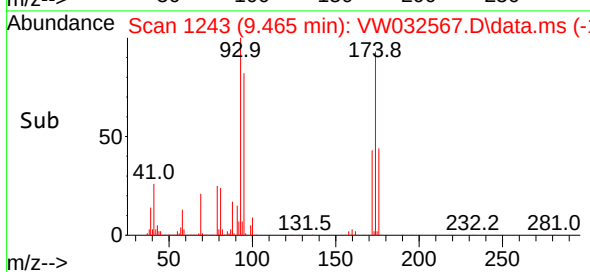
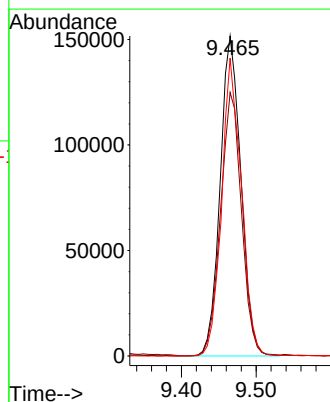
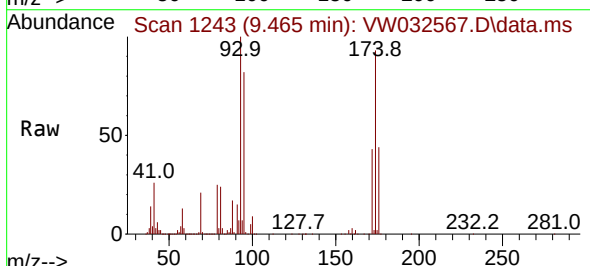
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

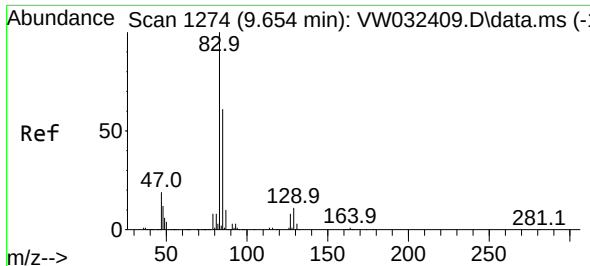
Tgt Ion: 63 Resp: 508740
Ion Ratio Lower Upper
63 100
65 31.5 26.5 39.7



#46
Dibromomethane
Concen: 97.691 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. -0.000 min
Lab File: VW032567.D
Acq: 03 Dec 2025 12:58

Tgt Ion: 93 Resp: 293795
Ion Ratio Lower Upper
93 100
95 82.8 66.4 99.6
174 88.5 65.3 97.9

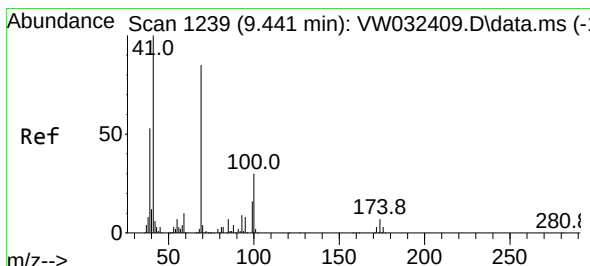
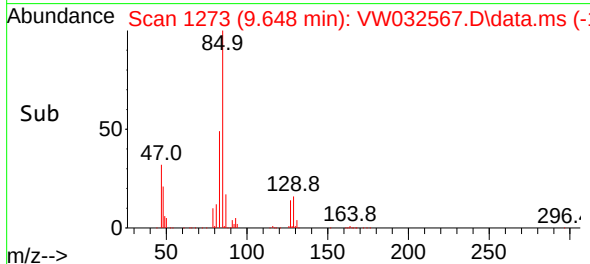
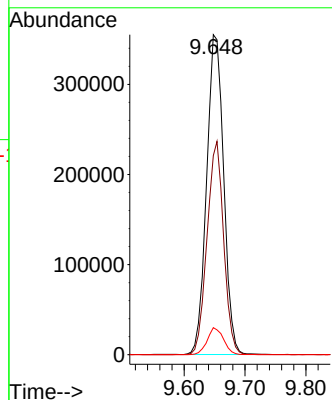
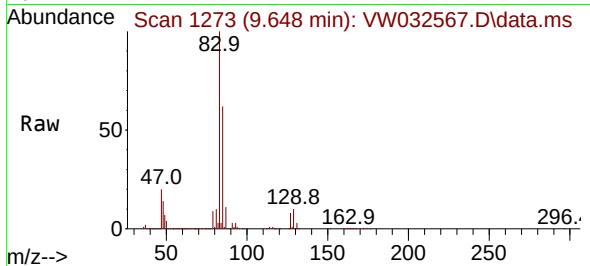




#47
Bromodichloromethane
Concen: 98.034 ug/l
RT: 9.648 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032567.D
Acq: 03 Dec 2025 12:58

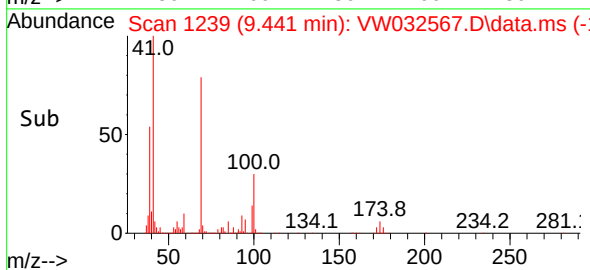
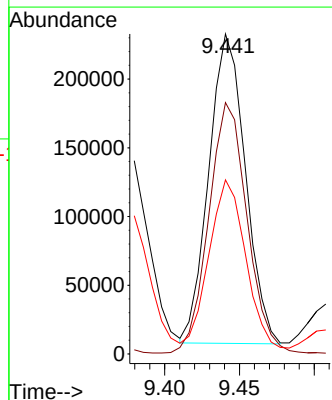
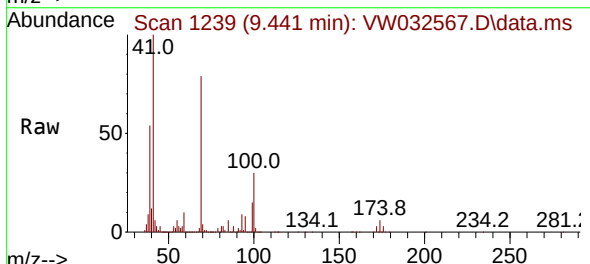
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

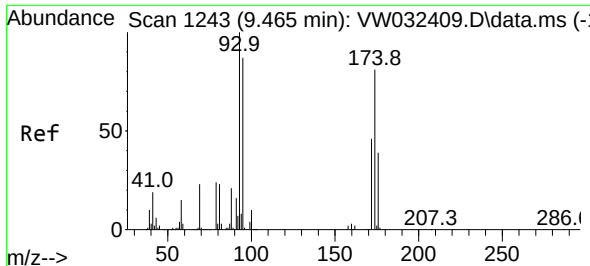
Tgt Ion: 83 Resp: 691027
Ion Ratio Lower Upper
83 100
85 62.2 50.8 76.2
127 8.5 7.0 10.6



#48
Methyl methacrylate
Concen: 107.676 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VW032567.D
Acq: 03 Dec 2025 12:58

Tgt Ion: 41 Resp: 382547
Ion Ratio Lower Upper
41 100
69 85.7 62.1 93.1
39 53.7 39.1 58.7

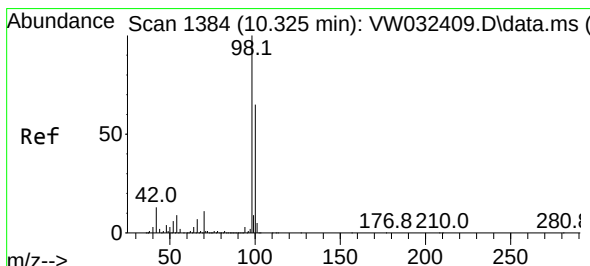
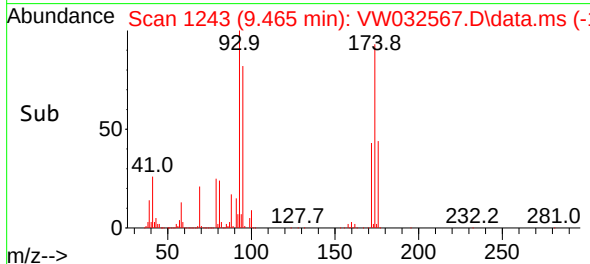
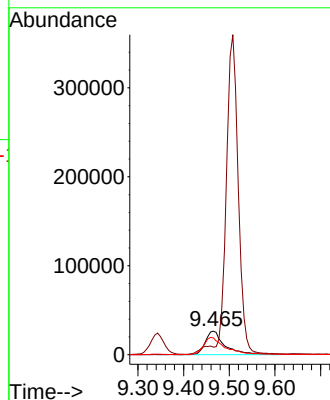
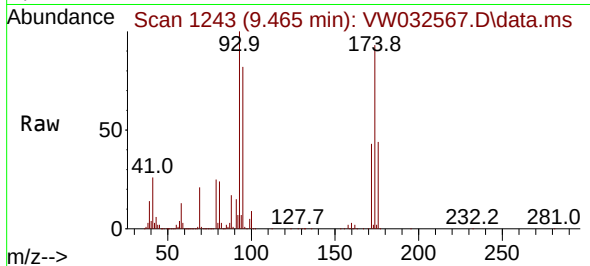




#49
1,4-Dioxane
Concen: 2196.494 ug/l
RT: 9.465 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032567.D
Acq: 03 Dec 2025 12:58

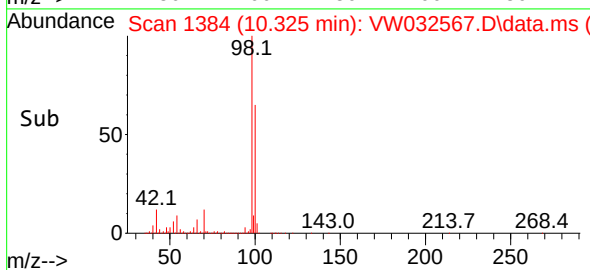
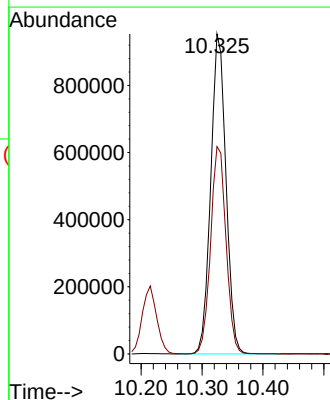
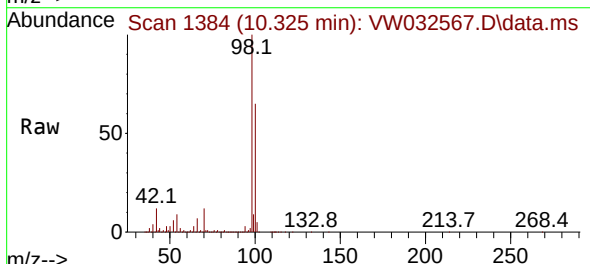
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

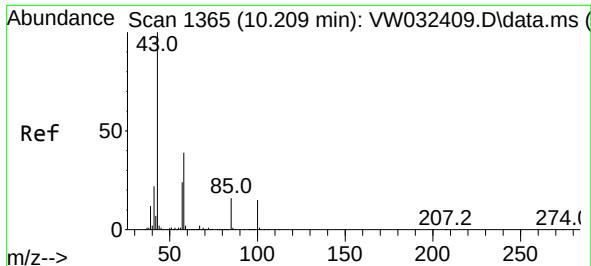
Tgt Ion: 88 Resp: 78932
Ion Ratio Lower Upper
88 100
43 24.8 0.0 0.0#
58 80.7 65.2 97.8



#50
Toluene-d8
Concen: 102.111 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VW032567.D
Acq: 03 Dec 2025 12:58

Tgt Ion: 98 Resp: 1655104
Ion Ratio Lower Upper
98 100
100 65.6 54.7 82.1

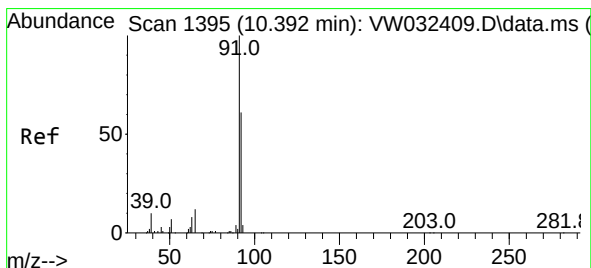
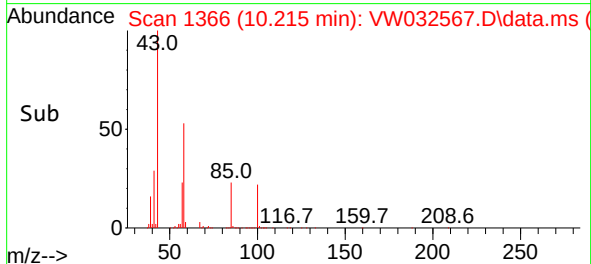
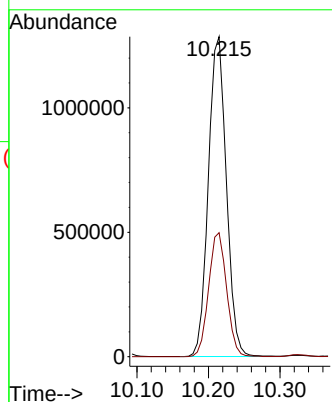
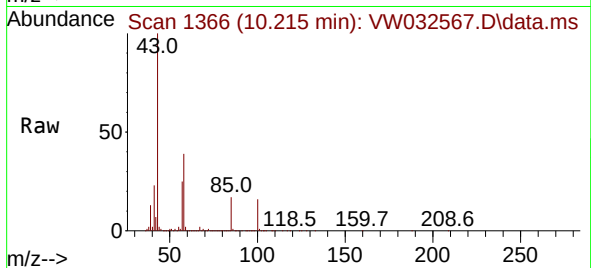




#51
4-Methyl-2-Pentanone
Concen: 520.473 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VW032567.D
Acq: 03 Dec 2025 12:58

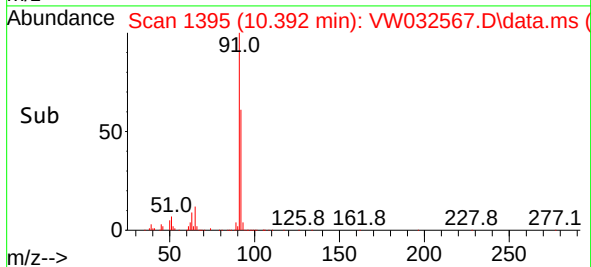
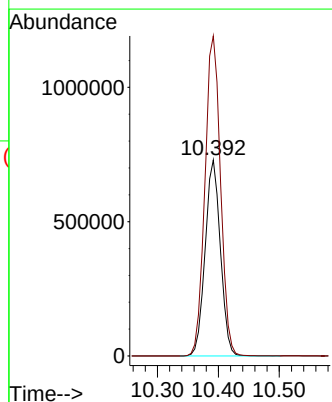
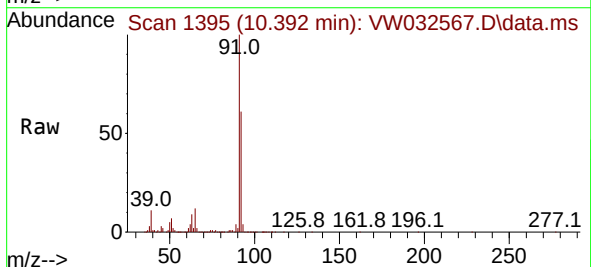
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

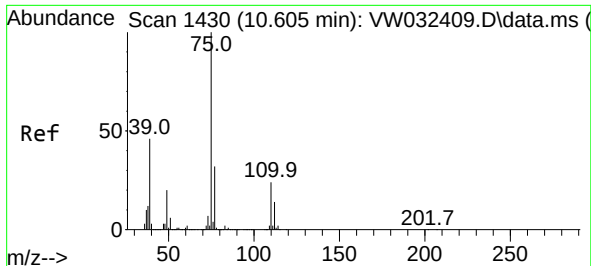
Tgt Ion: 43 Resp: 2250833
Ion Ratio Lower Upper
43 100
58 38.7 30.5 45.7



#52
Toluene
Concen: 100.465 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VW032567.D
Acq: 03 Dec 2025 12:58

Tgt Ion: 92 Resp: 1267483
Ion Ratio Lower Upper
92 100
91 167.0 138.6 207.8

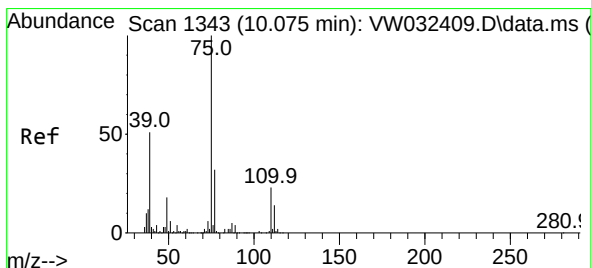
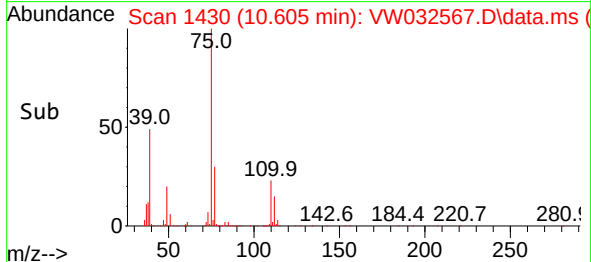
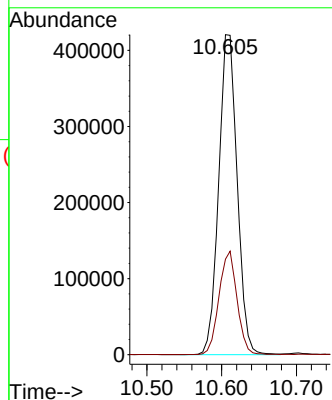
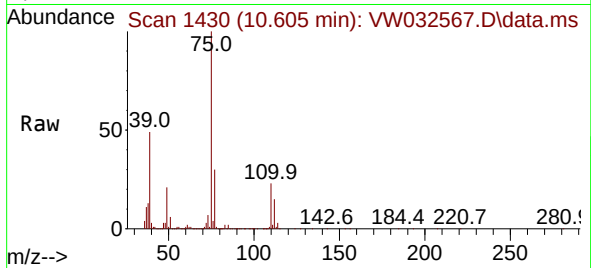




#53
t-1,3-Dichloropropene
Concen: 106.799 ug/l
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW032567.D
Acq: 03 Dec 2025 12:58

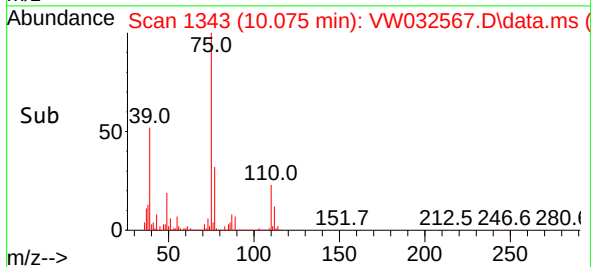
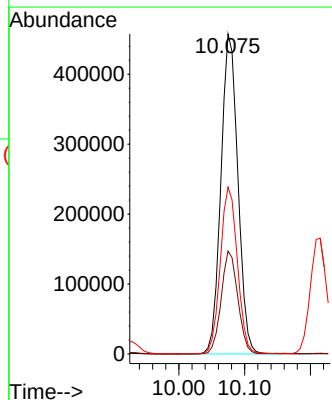
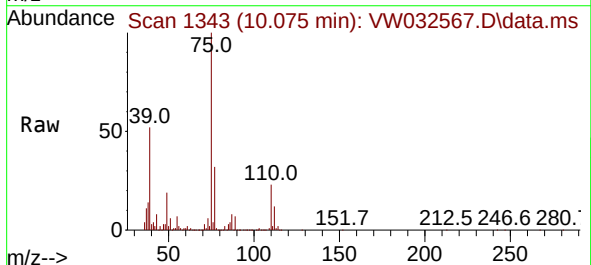
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

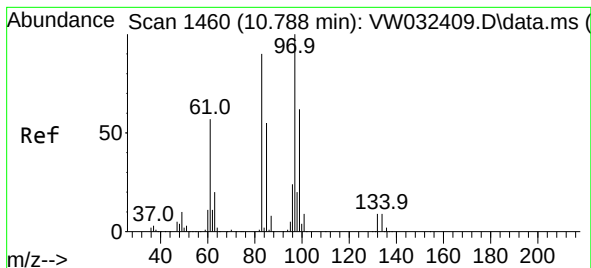
Tgt Ion: 75 Resp: 722211
Ion Ratio Lower Upper
75 100
77 29.8 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 103.441 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VW032567.D
Acq: 03 Dec 2025 12:58

Tgt Ion: 75 Resp: 820878
Ion Ratio Lower Upper
75 100
77 32.1 26.5 39.7
39 52.0 42.9 64.3



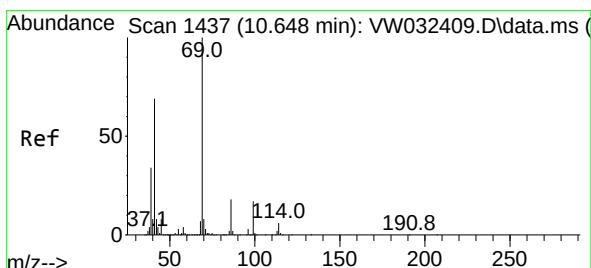
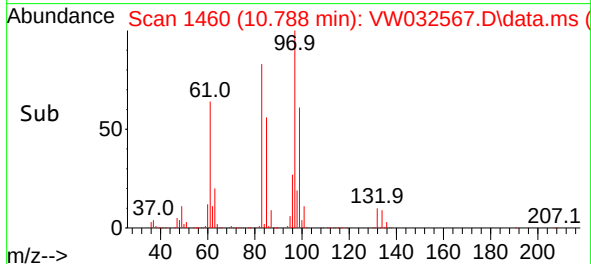
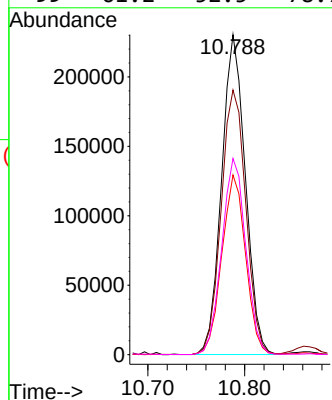
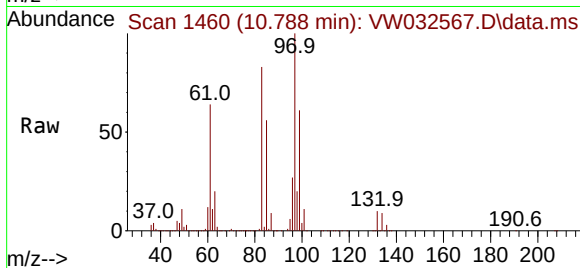


#55
1,1,2-Trichloroethane
Concen: 97.393 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW032567.D
Acq: 03 Dec 2025 12:58

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion: 97 Resp: 392301

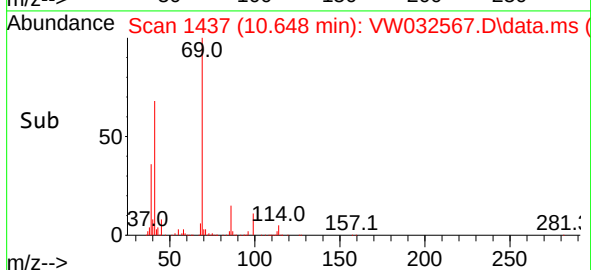
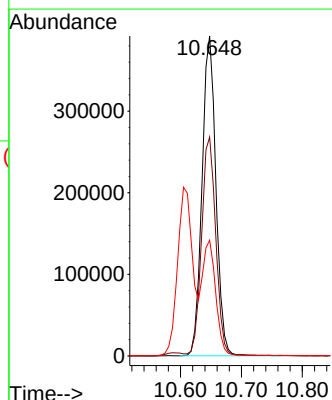
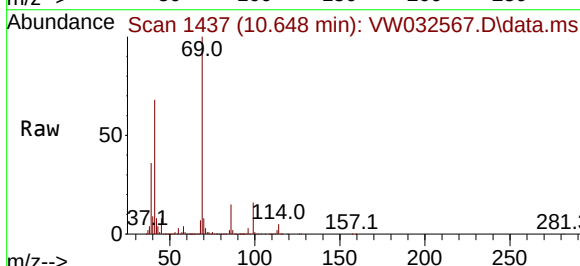
Ion	Ratio	Lower	Upper
97	100		
83	82.7	76.3	114.5
85	56.2	46.1	69.1
99	61.2	52.5	78.7

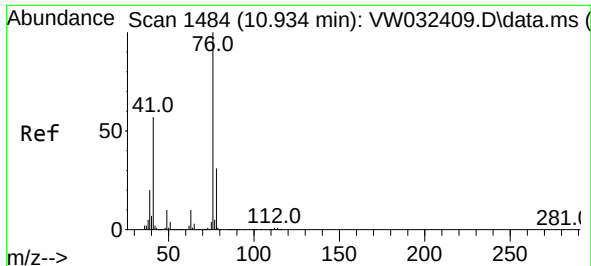


#56
Ethyl methacrylate
Concen: 111.330 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VW032567.D
Acq: 03 Dec 2025 12:58

Tgt Ion: 69 Resp: 620159

Ion	Ratio	Lower	Upper
69	100		
41	69.8	56.2	84.4
39	34.1	26.9	40.3

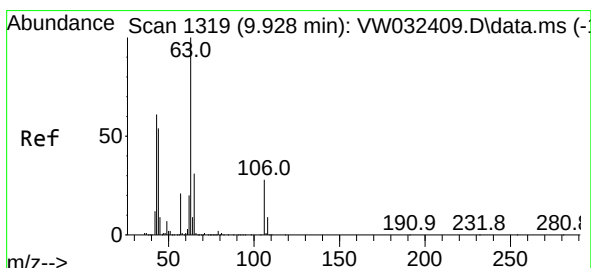
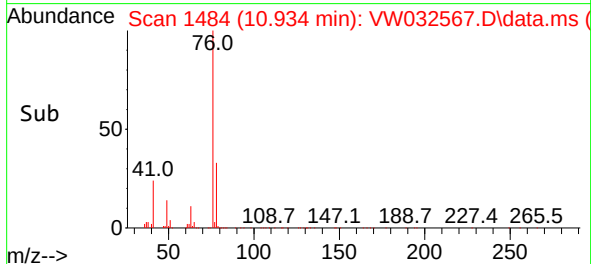
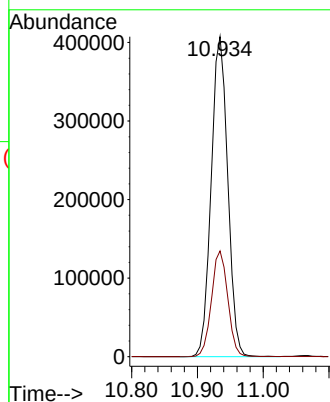
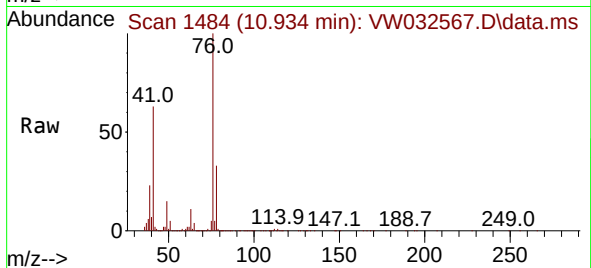




#57
1,3-Dichloropropane
Concen: 99.224 ug/l
RT: 10.934 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VW032567.D
Acq: 03 Dec 2025 12:58

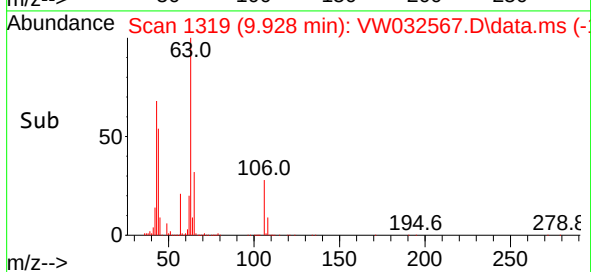
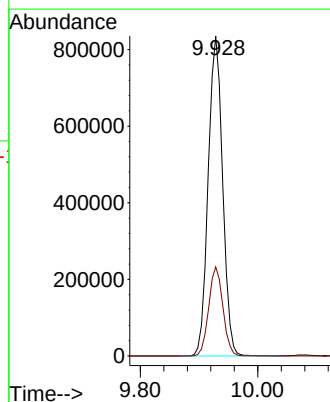
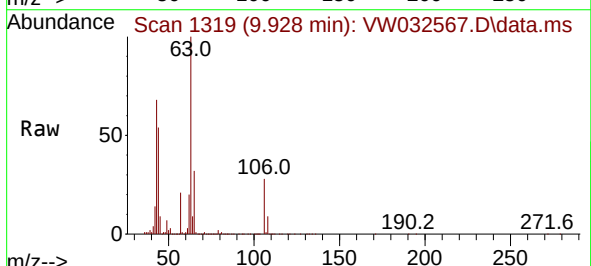
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

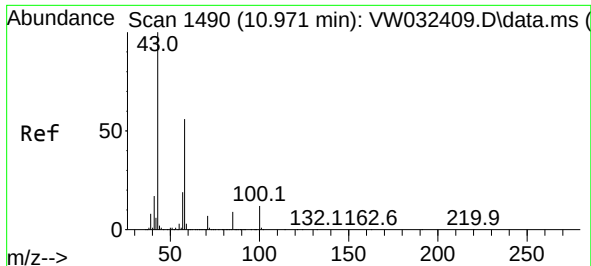
Tgt Ion: 76 Resp: 713294
Ion Ratio Lower Upper
76 100
78 32.5 25.4 38.0



#58
2-Chloroethyl Vinyl ether
Concen: 488.002 ug/l
RT: 9.928 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VW032567.D
Acq: 03 Dec 2025 12:58

Tgt Ion: 63 Resp: 1424360
Ion Ratio Lower Upper
63 100
106 27.4 21.5 32.3

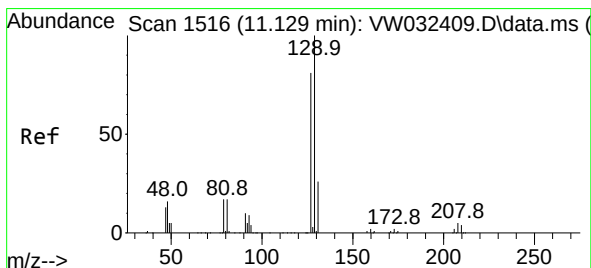
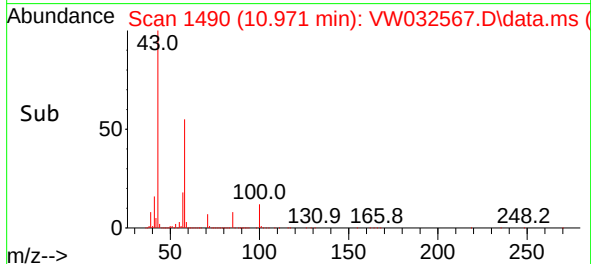
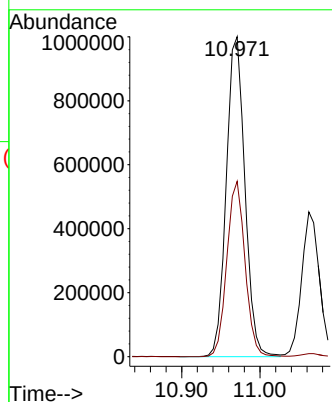
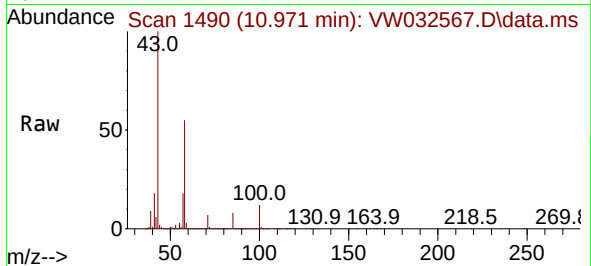




#59
2-Hexanone
Concen: 536.038 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VW032567.D
Acq: 03 Dec 2025 12:58

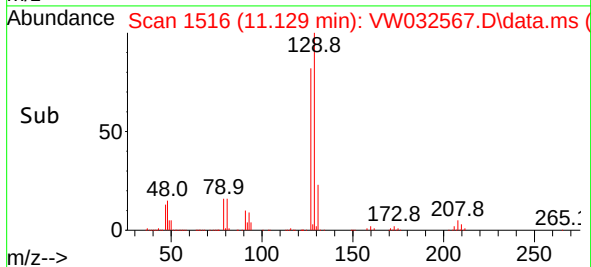
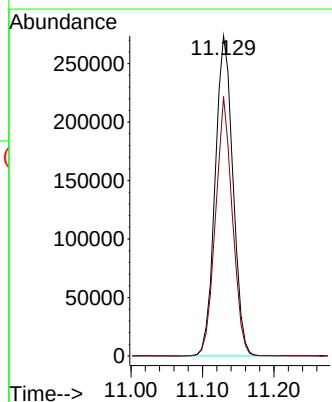
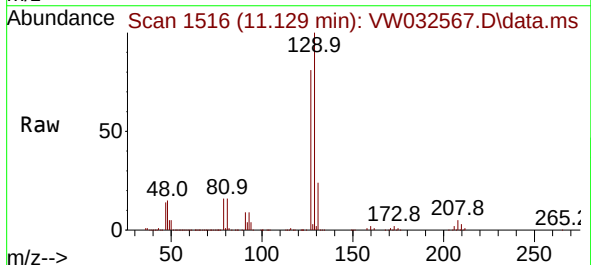
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

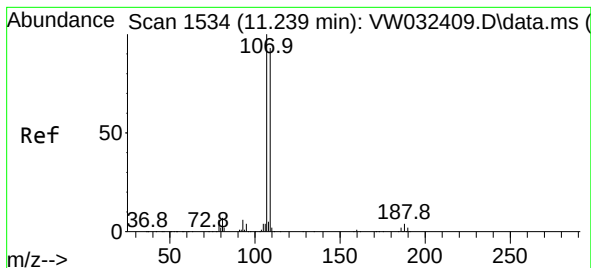
Tgt Ion: 43 Resp: 1650921
Ion Ratio Lower Upper
43 100
58 53.8 26.2 78.6



#60
Dibromochloromethane
Concen: 104.808 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW032567.D
Acq: 03 Dec 2025 12:58

Tgt Ion:129 Resp: 473163
Ion Ratio Lower Upper
129 100
127 76.8 40.9 122.8

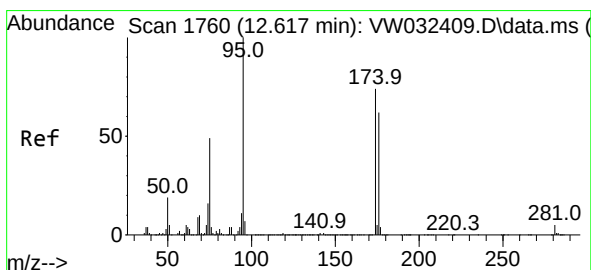
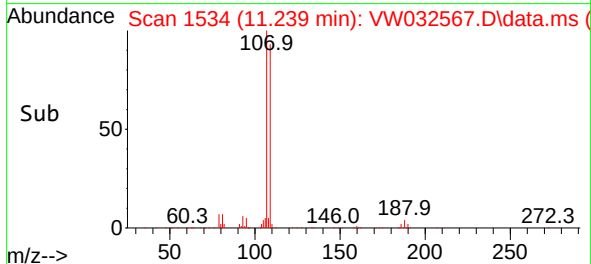
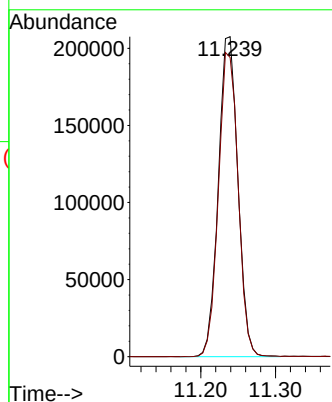
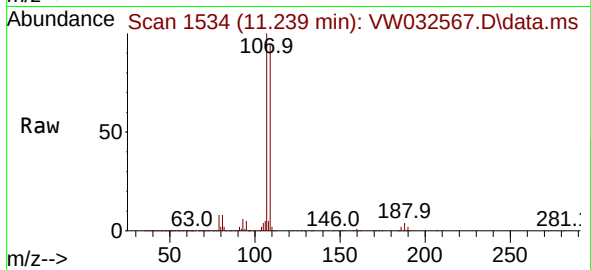




#61
1,2-Dibromoethane
Concen: 98.445 ug/l
RT: 11.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032567.D
Acq: 03 Dec 2025 12:58

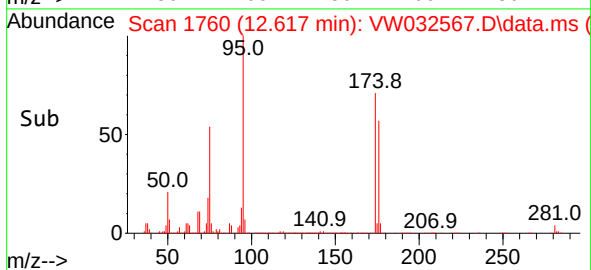
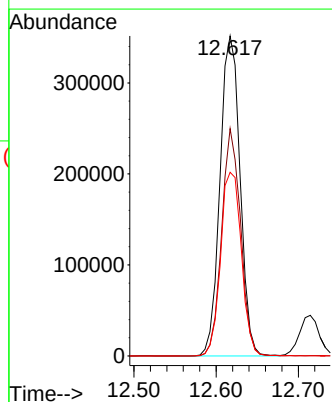
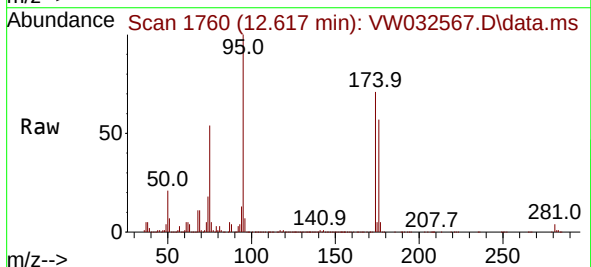
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

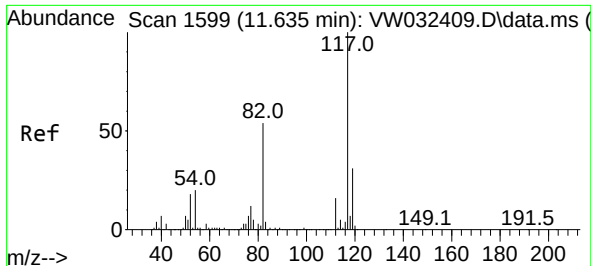
Tgt Ion:107 Resp: 377118
Ion Ratio Lower Upper
107 100
109 95.8 77.5 116.3



#62
4-Bromofluorobenzene
Concen: 99.481 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032567.D
Acq: 03 Dec 2025 12:58

Tgt Ion: 95 Resp: 595747
Ion Ratio Lower Upper
95 100
174 67.0 0.0 141.2
176 59.6 0.0 130.8

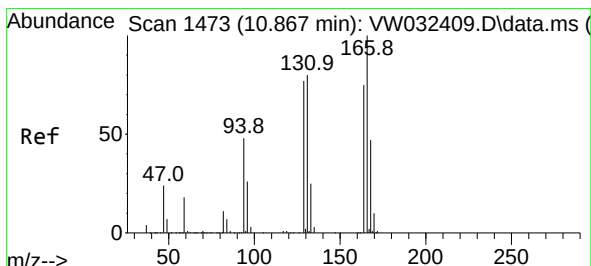
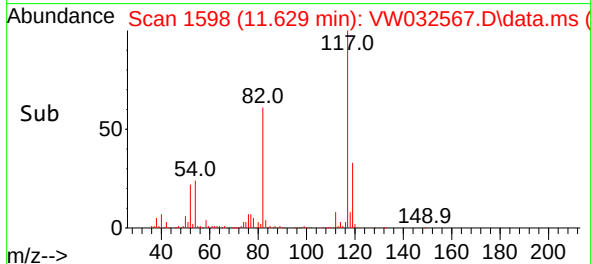
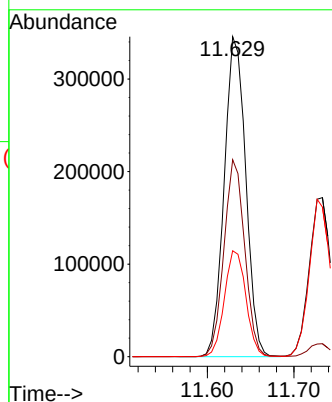
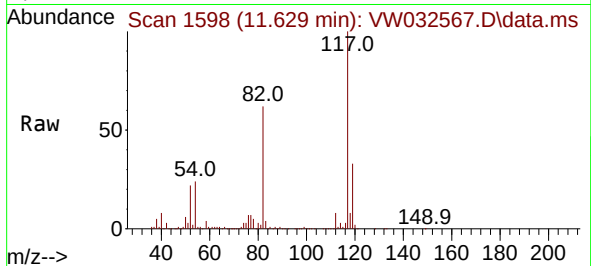




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032567.D
Acq: 03 Dec 2025 12:58

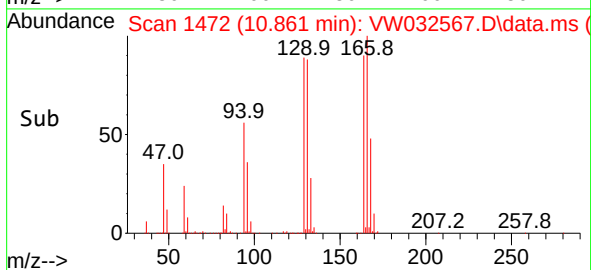
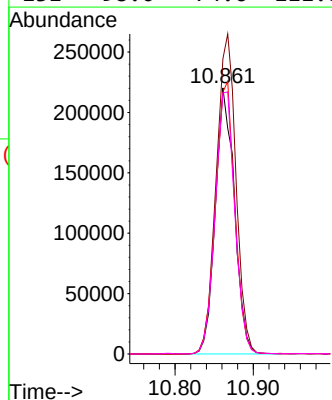
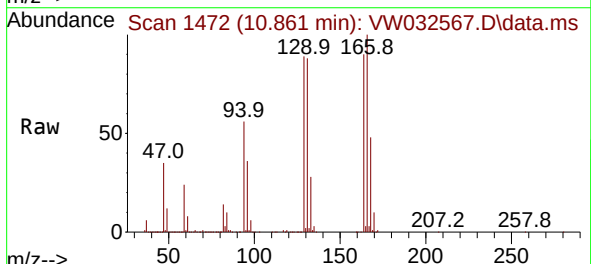
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

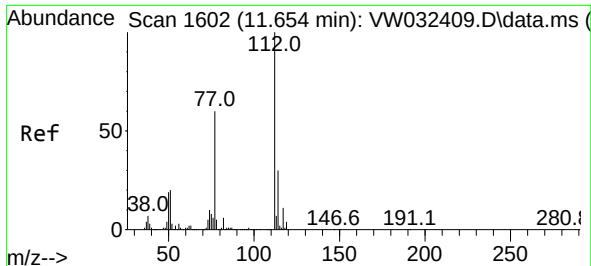
Tgt Ion:117 Resp: 597470
Ion Ratio Lower Upper
117 100
82 61.5 45.9 68.9
119 33.1 26.3 39.5



#64
Tetrachloroethene
Concen: 93.639 ug/l
RT: 10.861 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VW032567.D
Acq: 03 Dec 2025 12:58

Tgt Ion:164 Resp: 373150
Ion Ratio Lower Upper
164 100
166 110.9 97.3 145.9
129 98.4 75.7 113.5
131 98.0 74.6 111.8

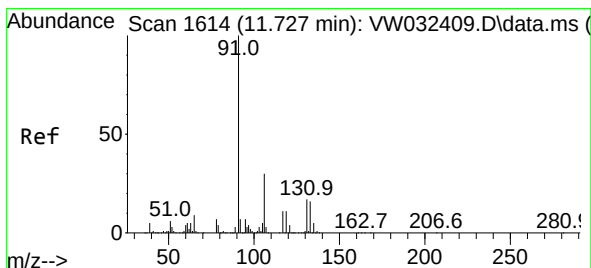
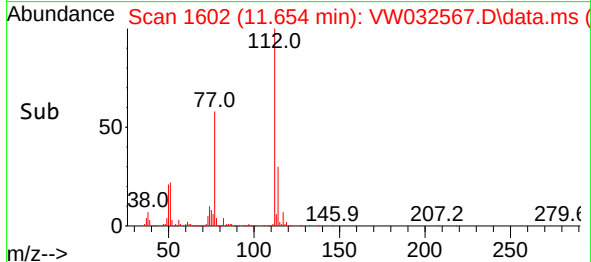
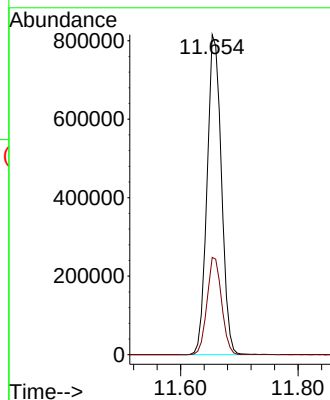
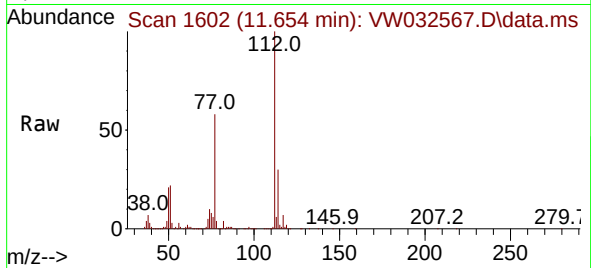




#65
Chlorobenzene
Concen: 97.718 ug/l
RT: 11.654 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VW032567.D
Acq: 03 Dec 2025 12:58

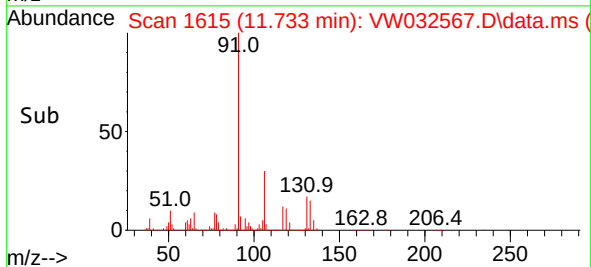
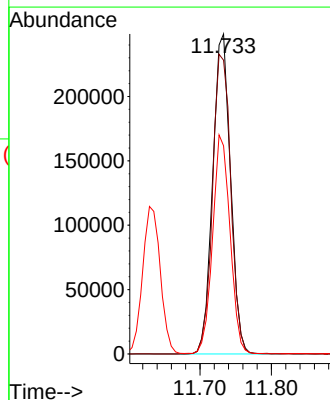
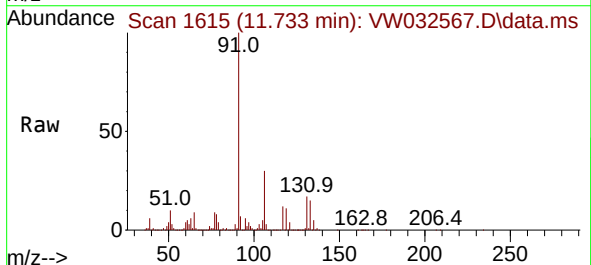
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

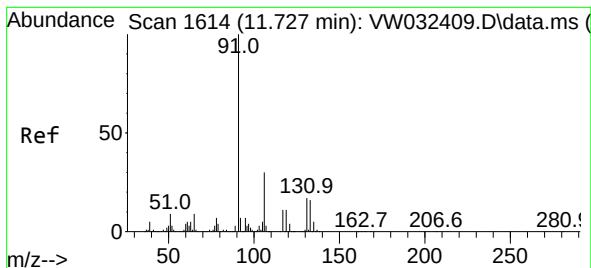
Tgt Ion:112 Resp: 1379537
Ion Ratio Lower Upper
112 100
114 30.4 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 98.411 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. -0.000 min
Lab File: VW032567.D
Acq: 03 Dec 2025 12:58

Tgt Ion:131 Resp: 429702
Ion Ratio Lower Upper
131 100
133 96.2 47.4 142.3
119 67.0 32.2 96.6

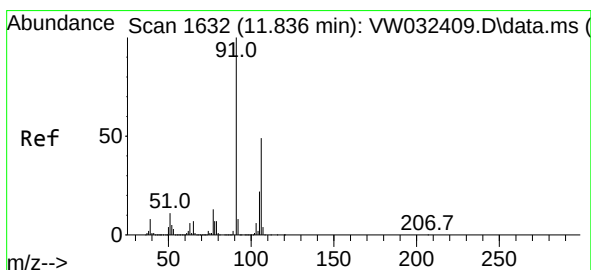
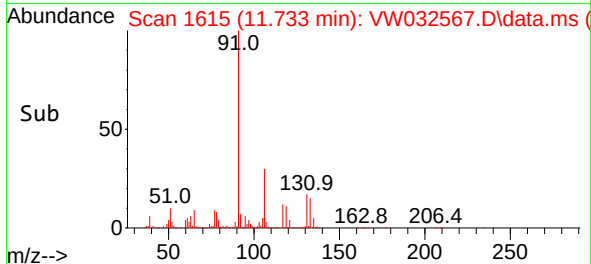
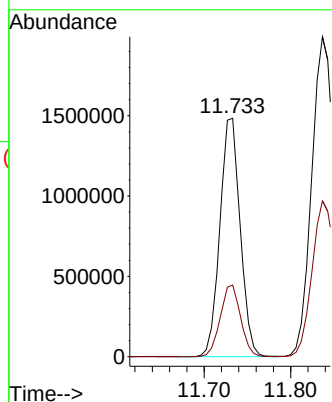
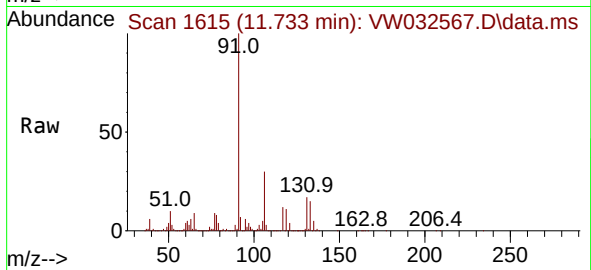




#67
Ethyl Benzene
Concen: 100.892 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. -0.000 min
Lab File: VW032567.D
Acq: 03 Dec 2025 12:58

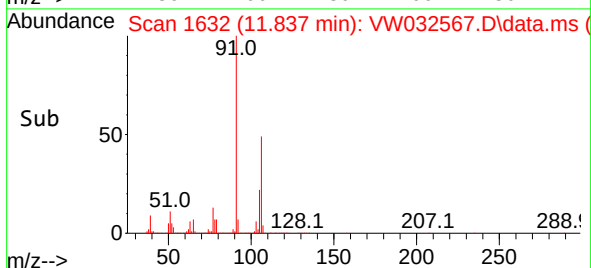
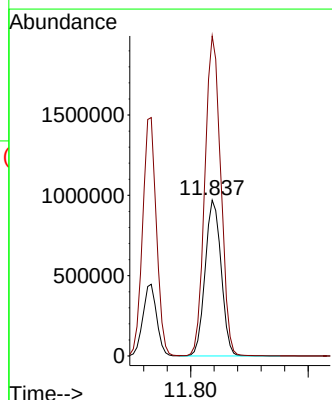
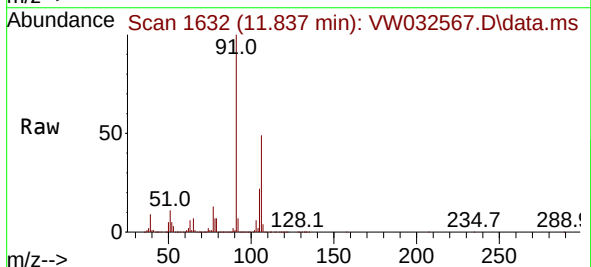
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

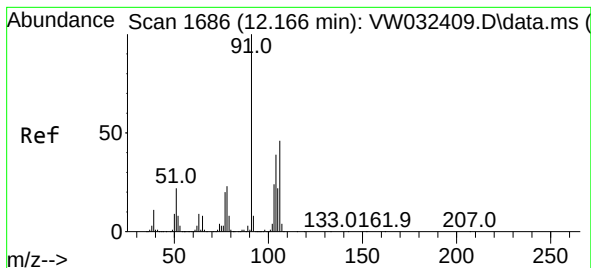
Tgt Ion: 91 Resp: 2417618
Ion Ratio Lower Upper
91 100
106 30.1 23.0 34.6



#68
m/p-Xylenes
Concen: 201.010 ug/l
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW032567.D
Acq: 03 Dec 2025 12:58

Tgt Ion: 106 Resp: 1831269
Ion Ratio Lower Upper
106 100
91 204.8 163.3 244.9

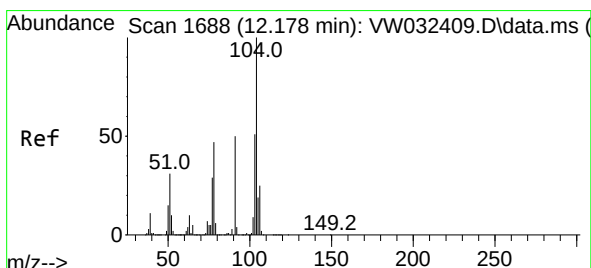
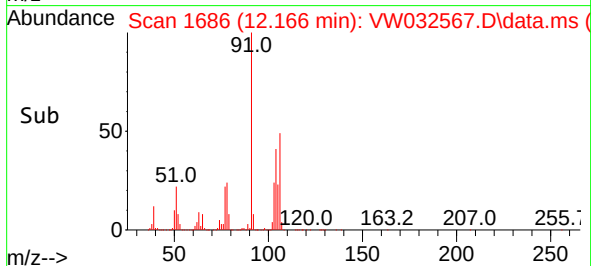
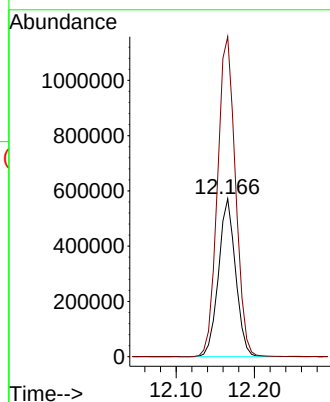
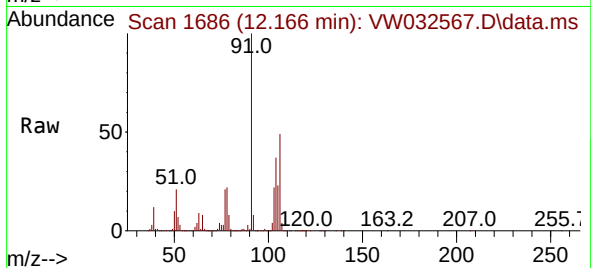




#69
o-Xylene
Concen: 103.909 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW032567.D
Acq: 03 Dec 2025 12:58

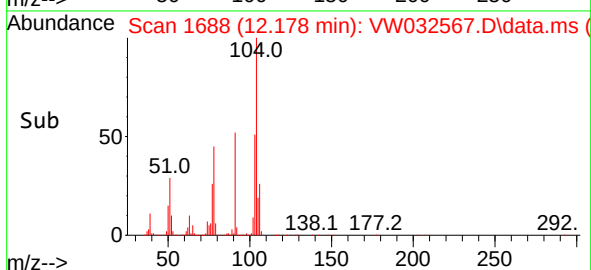
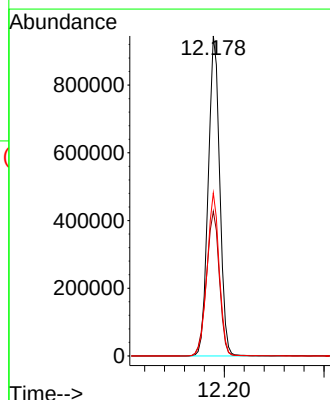
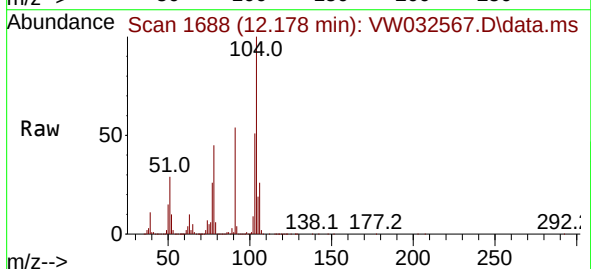
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

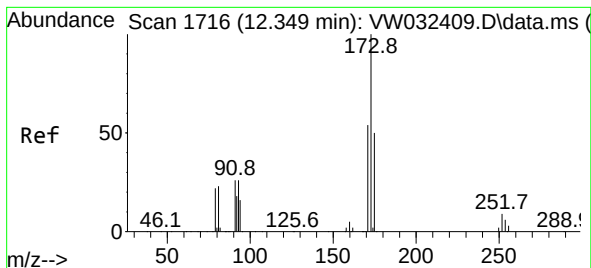
Tgt Ion:106 Resp: 866946
Ion Ratio Lower Upper
106 100
91 213.1 104.1 312.3



#70
Styrene
Concen: 103.698 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW032567.D
Acq: 03 Dec 2025 12:58

Tgt Ion:104 Resp: 1517611
Ion Ratio Lower Upper
104 100
78 50.3 40.8 61.2
103 53.7 43.3 64.9





#71

Bromoform

Concen: 102.216 ug/l

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW032567.D

Acq: 03 Dec 2025 12:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

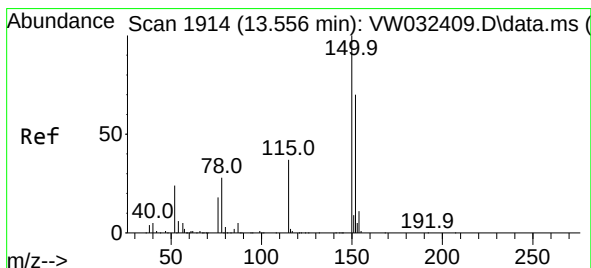
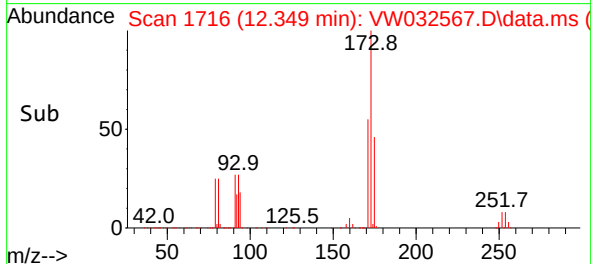
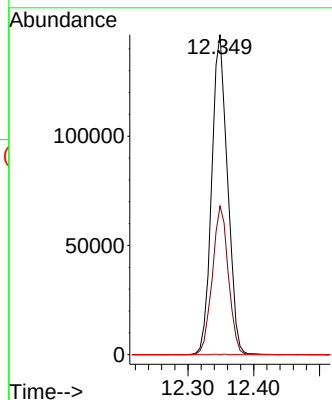
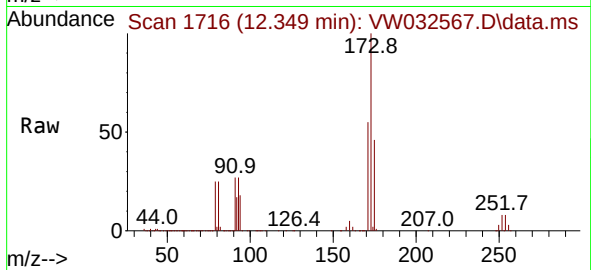
Tgt Ion:173 Resp: 245433

Ion Ratio Lower Upper

173 100

175 47.1 24.6 74.0

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. -0.000 min

Lab File: VW032567.D

Acq: 03 Dec 2025 12:58

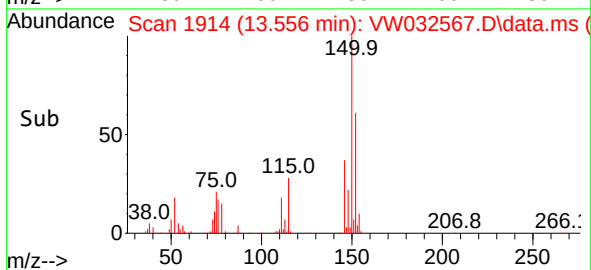
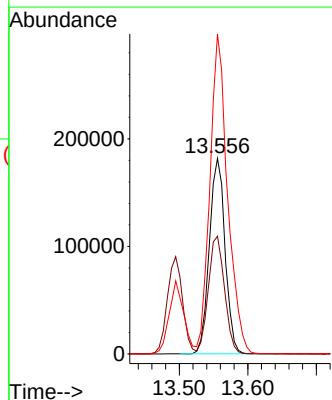
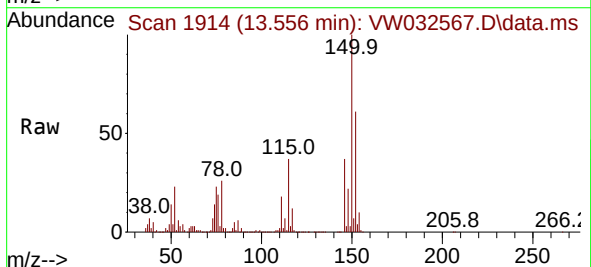
Tgt Ion:152 Resp: 290228

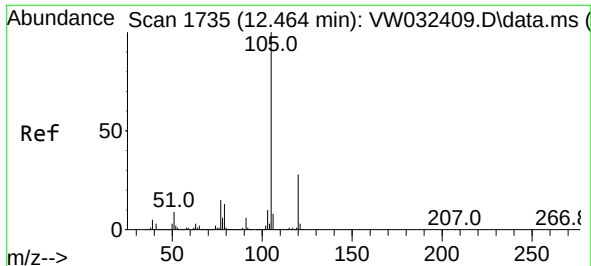
Ion Ratio Lower Upper

152 100

115 61.6 31.1 93.3

150 183.5 0.0 351.2

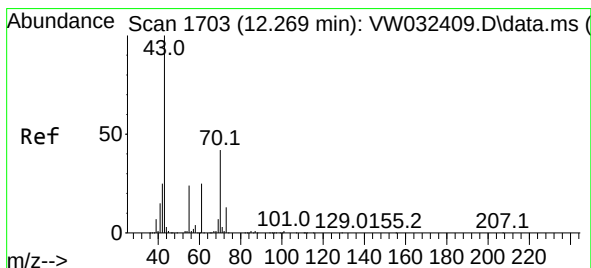
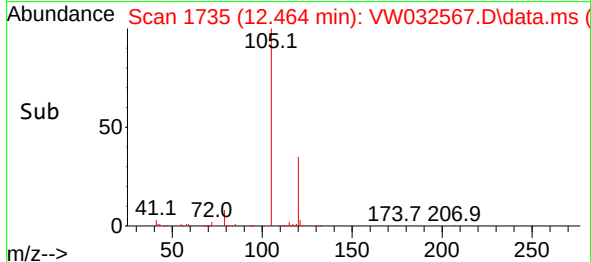
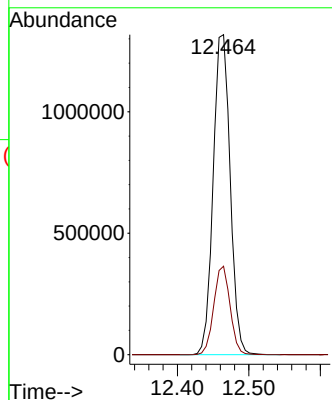
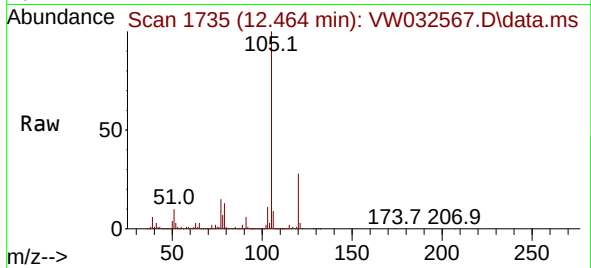




#73
Isopropylbenzene
Concen: 100.834 ug/l
RT: 12.464 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VW032567.D
Acq: 03 Dec 2025 12:58

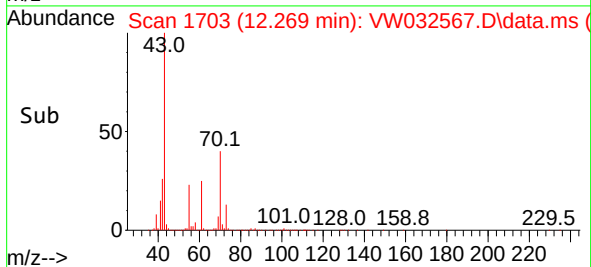
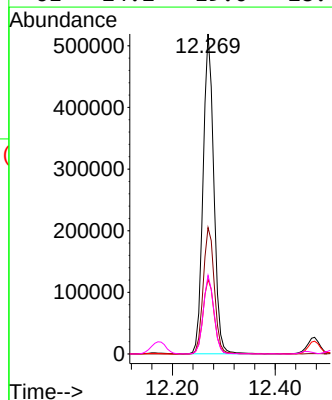
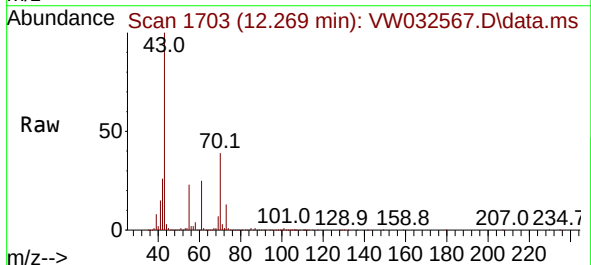
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

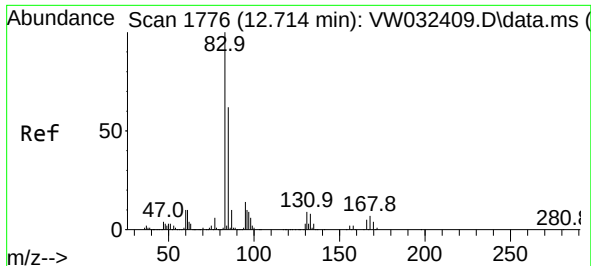
Tgt Ion:105 Resp: 2170904
Ion Ratio Lower Upper
105 100
120 26.5 12.8 38.4



#74
N-ethyl acetate
Concen: 105.593 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VW032567.D
Acq: 03 Dec 2025 12:58

Tgt Ion: 43 Resp: 752525
Ion Ratio Lower Upper
43 100
70 40.9 32.6 48.8
55 24.0 19.7 29.5
61 24.2 19.0 28.4

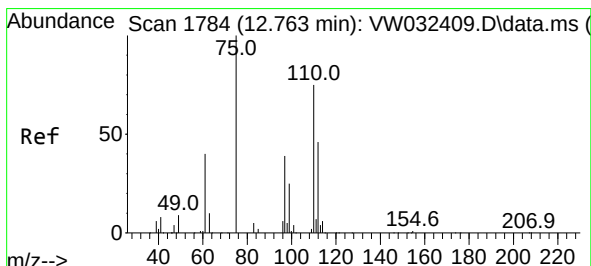
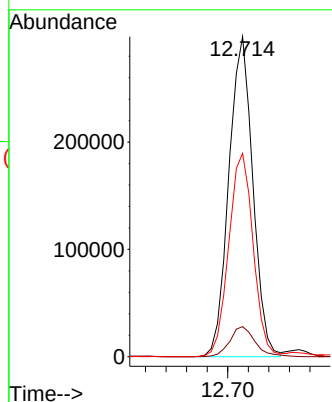
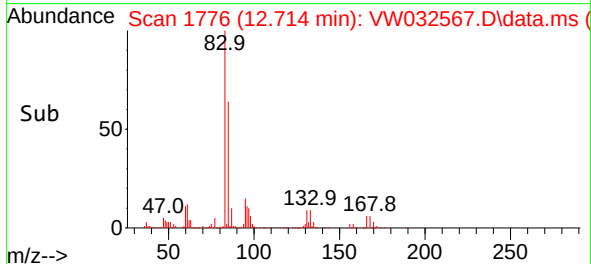
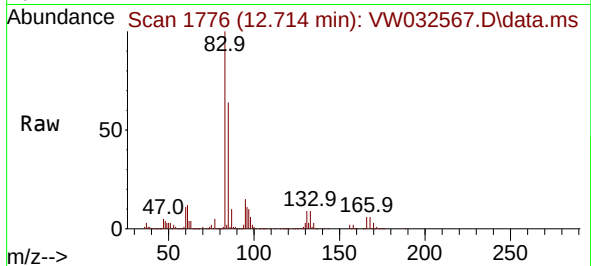




#75
1,1,2,2-Tetrachloroethane
Concen: 95.361 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VW032567.D
Acq: 03 Dec 2025 12:58

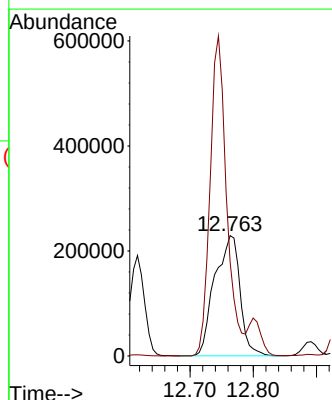
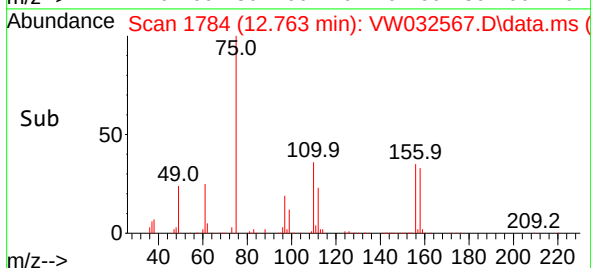
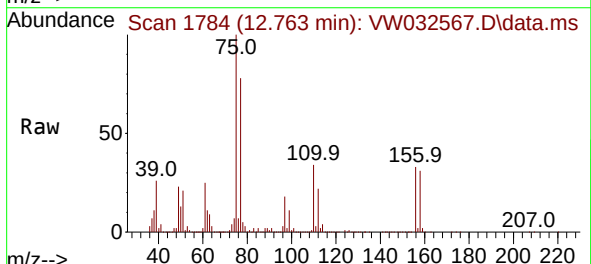
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

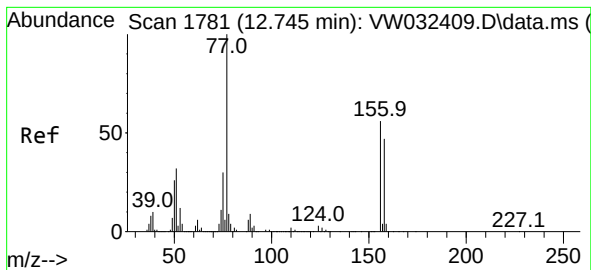
Tgt Ion: 83 Resp: 483298
Ion Ratio Lower Upper
83 100
131 9.9 4.8 14.3
85 64.6 32.5 97.4



#76
1,2,3-Trichloropropane
Concen: 160.218 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW032567.D
Acq: 03 Dec 2025 12:58

Tgt Ion: 75 Resp: 633706
Ion Ratio Lower Upper
75 100
77 176.1 148.2 444.4





#77

Bromobenzene

Concen: 94.867 ug/l

RT: 12.745 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032567.D

Acq: 03 Dec 2025 12:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC100

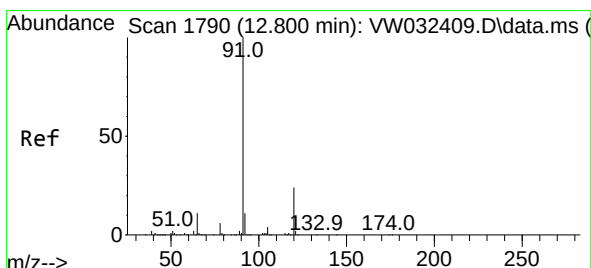
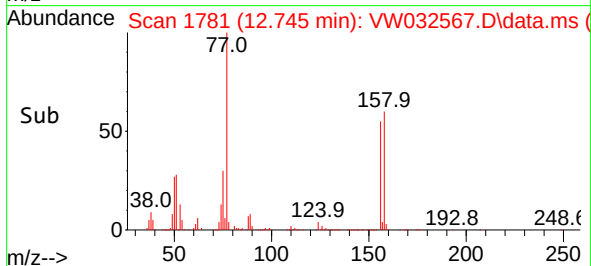
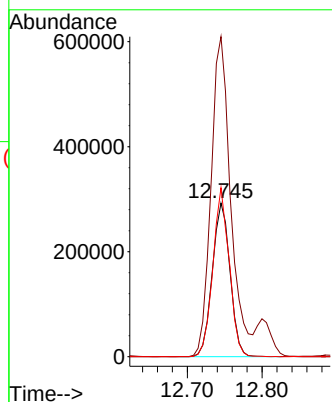
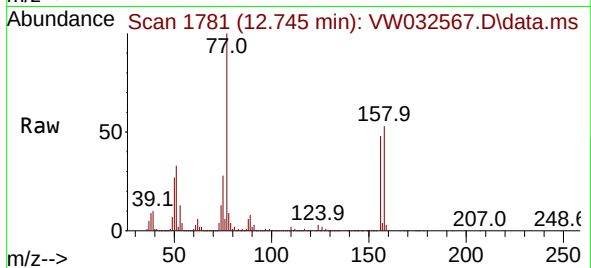
Tgt Ion:156 Resp: 482804

Ion Ratio Lower Upper

156 100

77 231.1 115.9 347.7

158 101.7 50.7 152.1



#78

n-propylbenzene

Concen: 98.232 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. -0.000 min

Lab File: VW032567.D

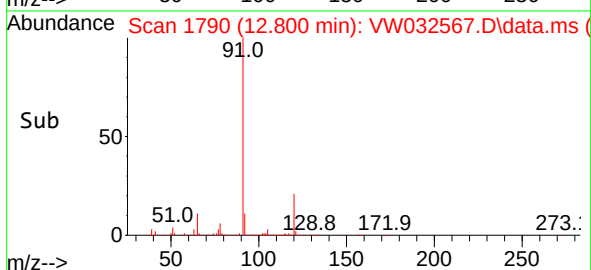
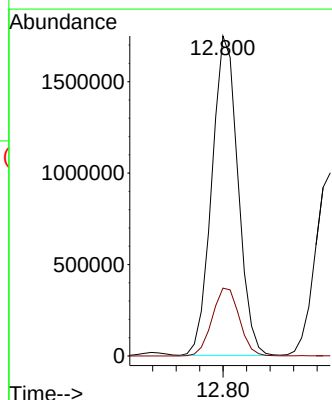
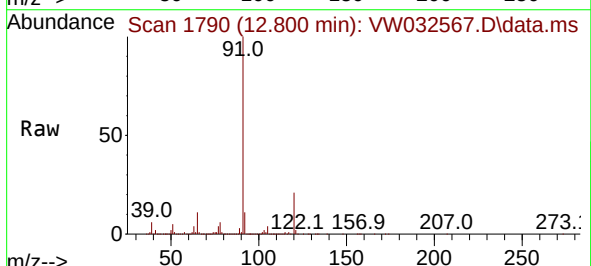
Acq: 03 Dec 2025 12:58

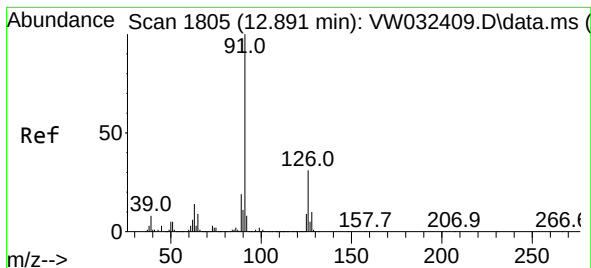
Tgt Ion: 91 Resp: 2698089

Ion Ratio Lower Upper

91 100

120 22.1 10.8 32.4

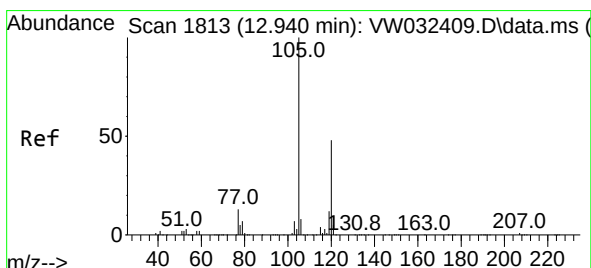
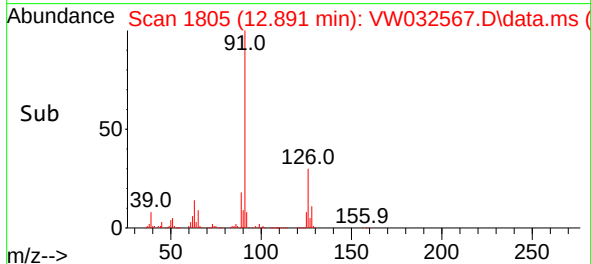
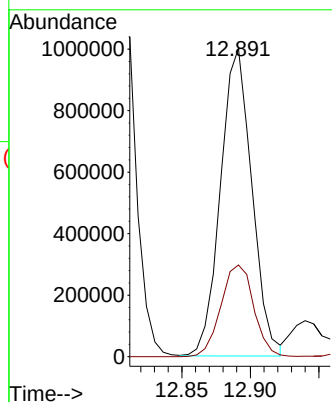
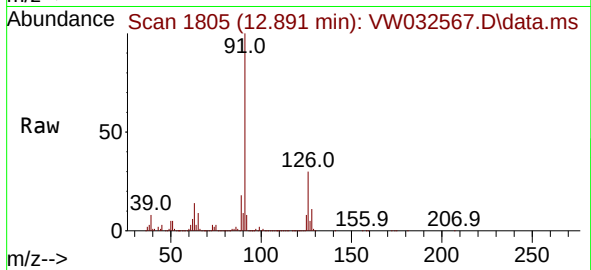




#79
2-Chlorotoluene
Concen: 97.306 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. -0.000 min
Lab File: VW032567.D
Acq: 03 Dec 2025 12:58

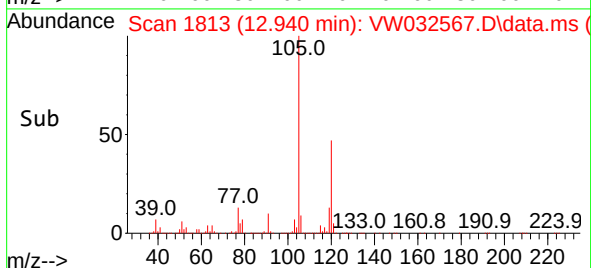
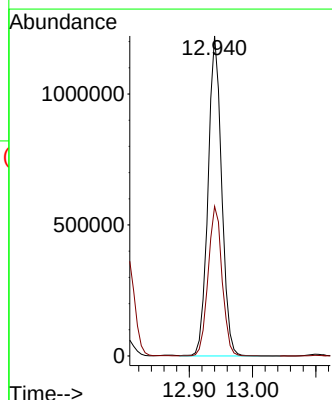
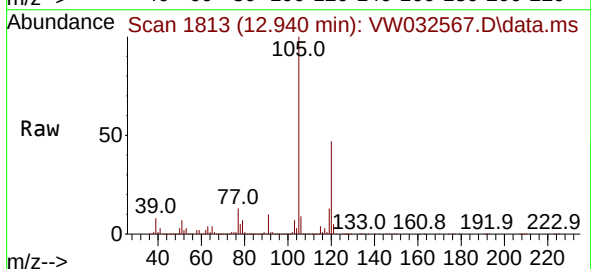
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

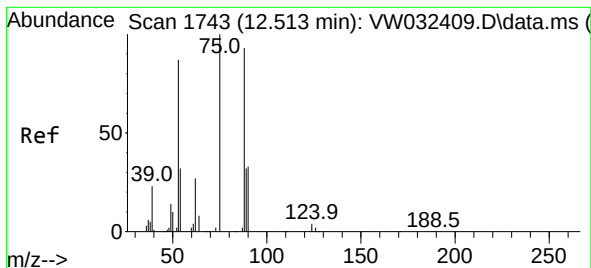
Tgt Ion: 91 Resp: 1593521
Ion Ratio Lower Upper
91 100
126 31.2 15.7 47.0



#80
1,3,5-Trimethylbenzene
Concen: 99.319 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW032567.D
Acq: 03 Dec 2025 12:58

Tgt Ion: 105 Resp: 1824501
Ion Ratio Lower Upper
105 100
120 48.1 23.8 71.4

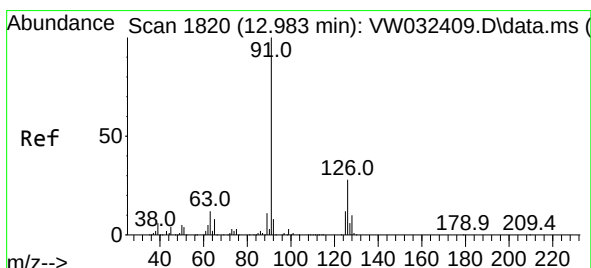
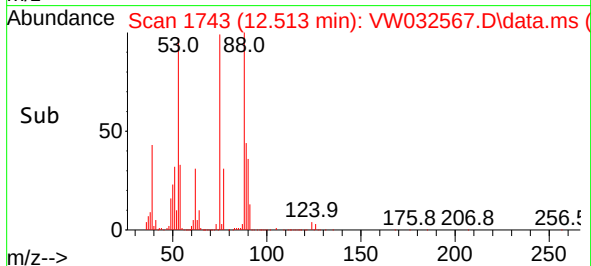
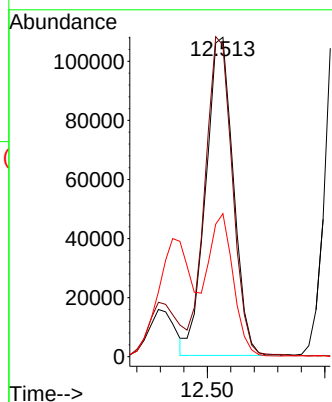
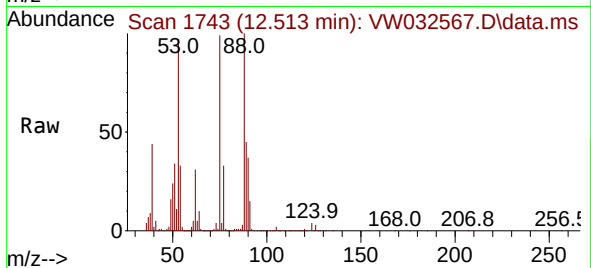




#81
trans-1,4-Dichloro-2-butene
Concen: 104.898 ug/l
RT: 12.513 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VW032567.D
Acq: 03 Dec 2025 12:58

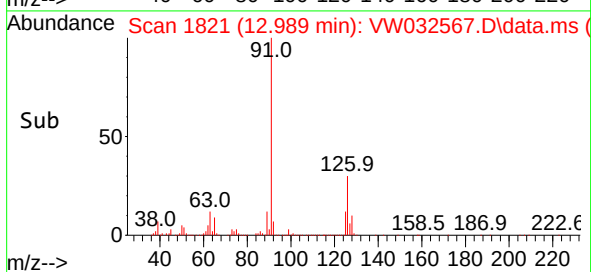
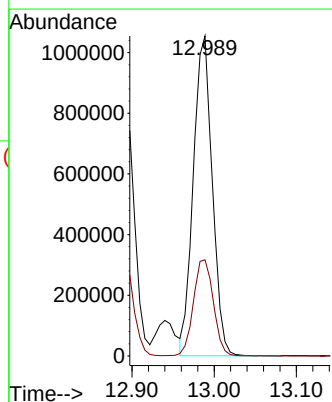
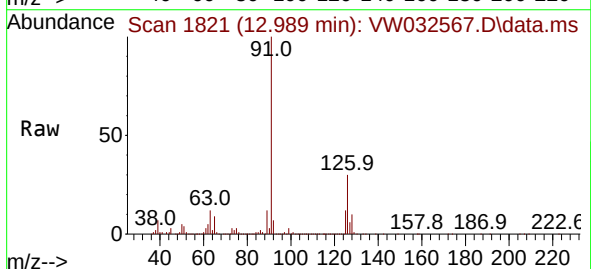
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

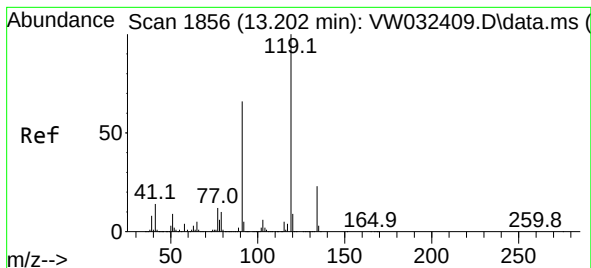
Tgt Ion: 75 Resp: 175153
Ion Ratio Lower Upper
75 100
53 99.3 80.8 121.2
89 38.9 31.4 47.2



#82
4-Chlorotoluene
Concen: 96.182 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VW032567.D
Acq: 03 Dec 2025 12:58

Tgt Ion: 91 Resp: 1684574
Ion Ratio Lower Upper
91 100
126 31.6 15.6 46.7

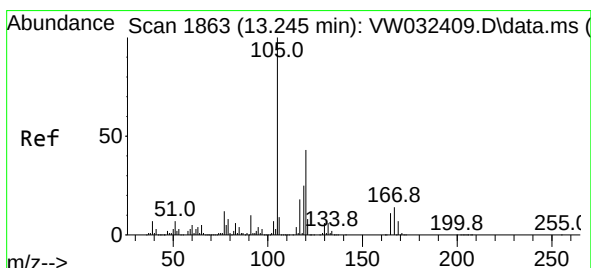
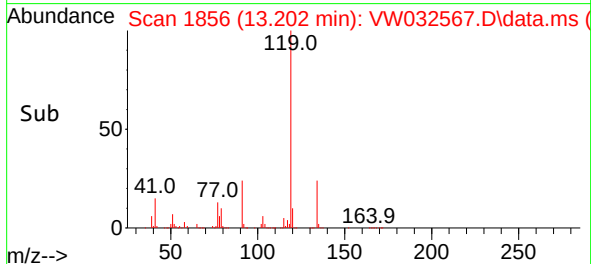
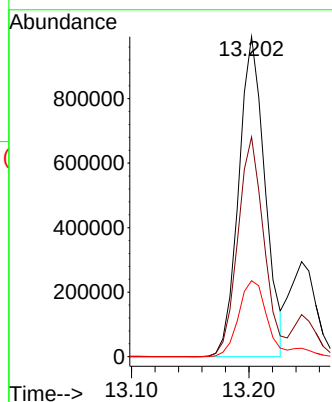
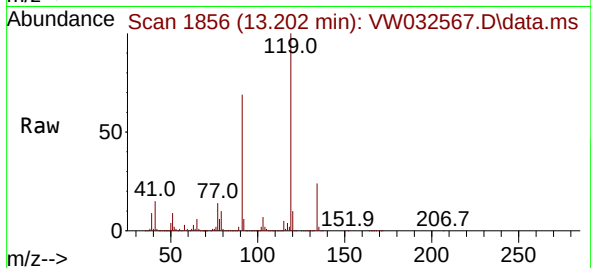




#83
tert-Butylbenzene
Concen: 101.622 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VW032567.D
Acq: 03 Dec 2025 12:58

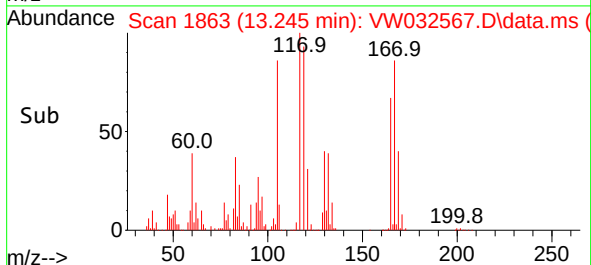
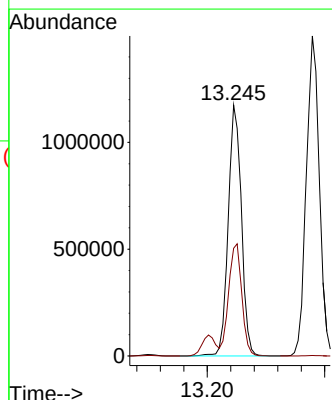
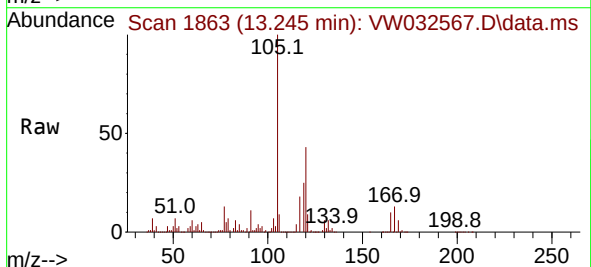
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

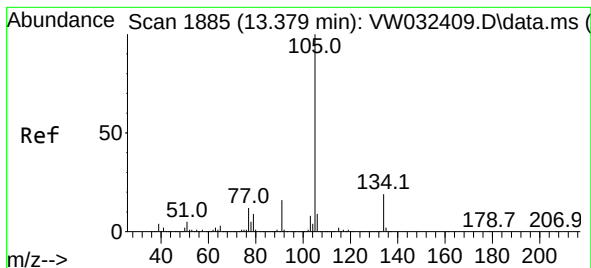
Tgt Ion:119 Resp: 1539645
Ion Ratio Lower Upper
119 100
91 69.0 34.6 103.9
134 25.4 12.5 37.5



#84
1,2,4-Trimethylbenzene
Concen: 99.624 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW032567.D
Acq: 03 Dec 2025 12:58

Tgt Ion:105 Resp: 1828139
Ion Ratio Lower Upper
105 100
120 44.7 22.7 68.1





#85

sec-Butylbenzene

Concen: 98.775 ug/l

RT: 13.379 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032567.D

Acq: 03 Dec 2025 12:58

Instrument :

MSVOA_W

ClientSampleId :

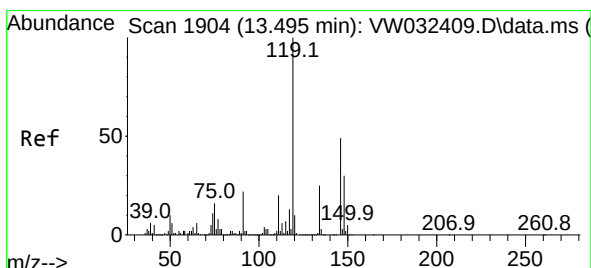
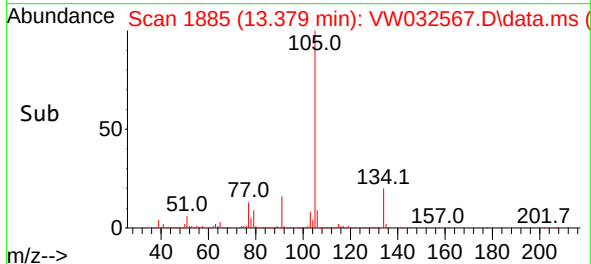
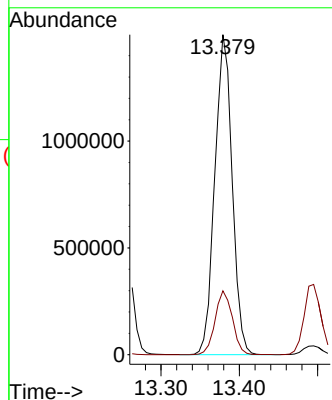
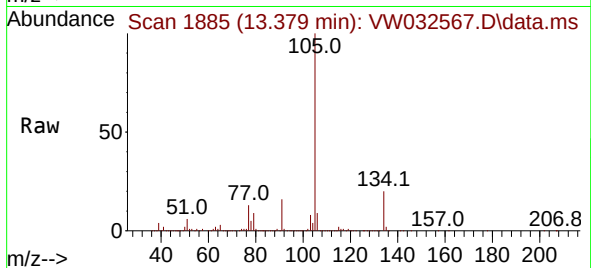
VSTDIC100

Tgt Ion:105 Resp: 2308200

Ion Ratio Lower Upper

105 100

134 19.9 9.4 28.3



#86

p-Isopropyltoluene

Concen: 98.926 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032567.D

Acq: 03 Dec 2025 12:58

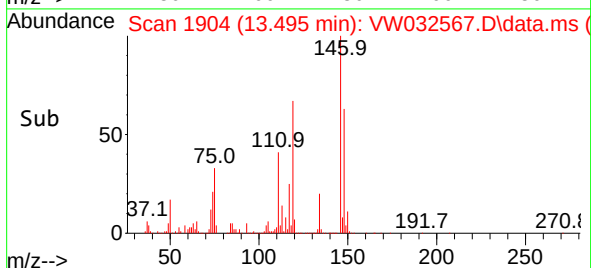
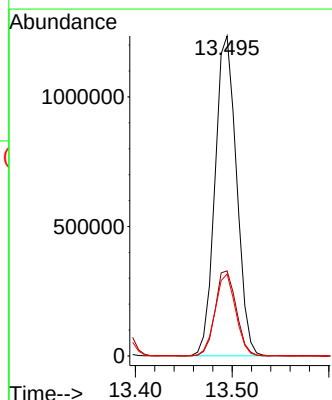
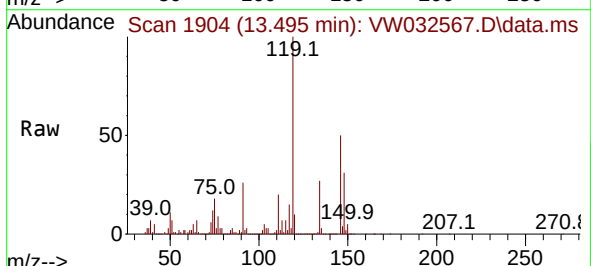
Tgt Ion:119 Resp: 1904035

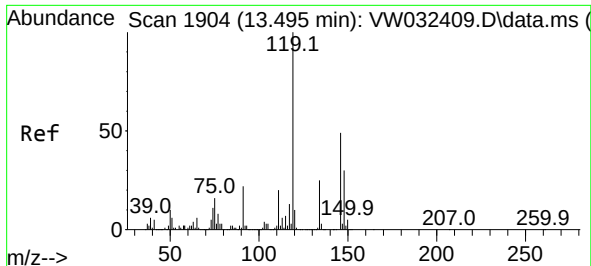
Ion Ratio Lower Upper

119 100

134 26.1 13.0 38.9

91 24.5 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 95.097 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032567.D

Acq: 03 Dec 2025 12:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

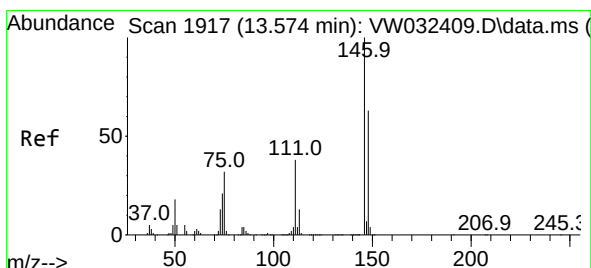
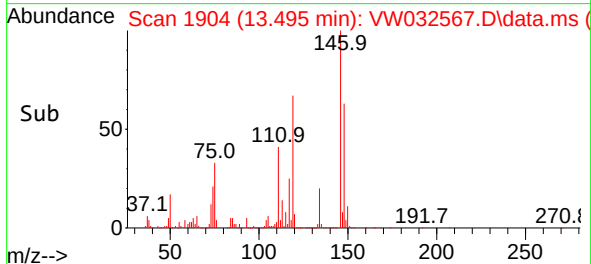
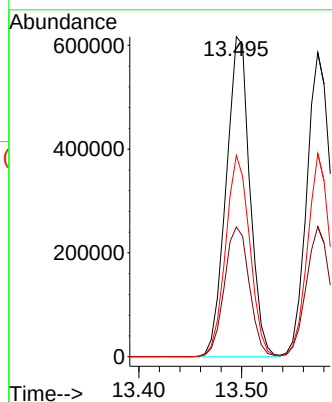
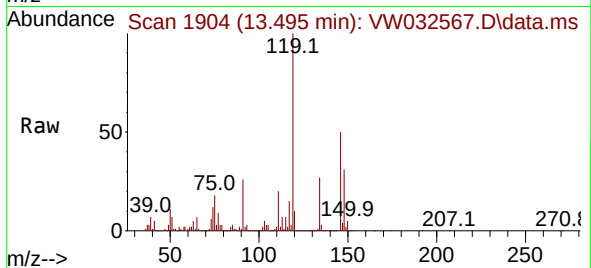
Tgt Ion:146 Resp: 989559

Ion Ratio Lower Upper

146 100

111 42.7 21.6 64.6

148 63.9 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 91.872 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW032567.D

Acq: 03 Dec 2025 12:58

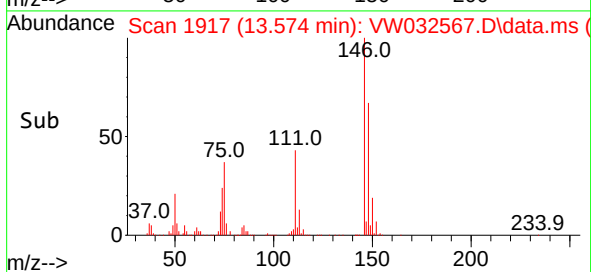
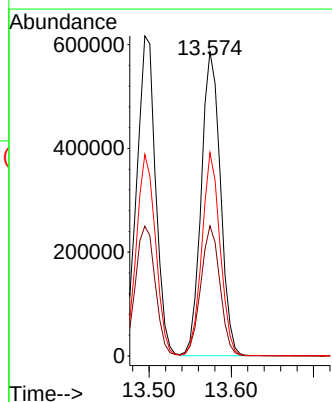
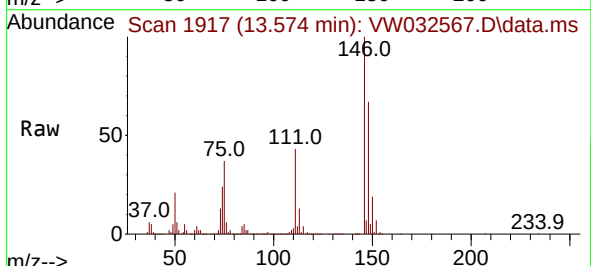
Tgt Ion:146 Resp: 948878

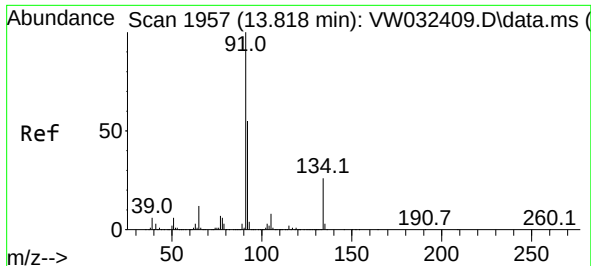
Ion Ratio Lower Upper

146 100

111 42.8 20.8 62.5

148 63.8 31.4 94.3

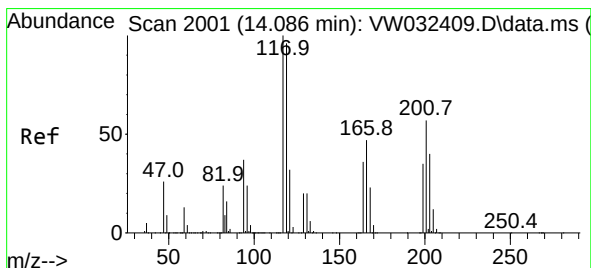
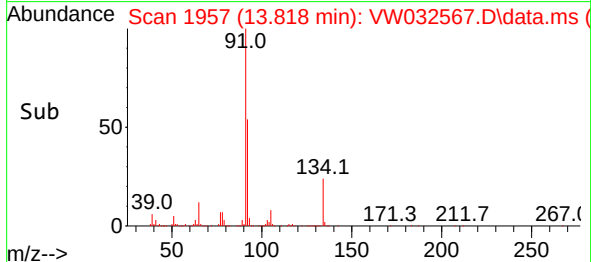
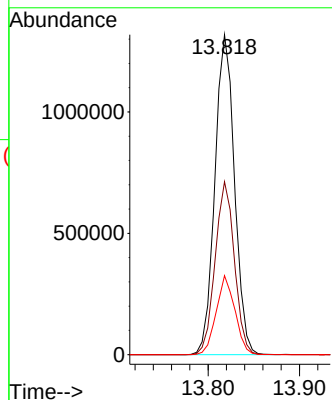
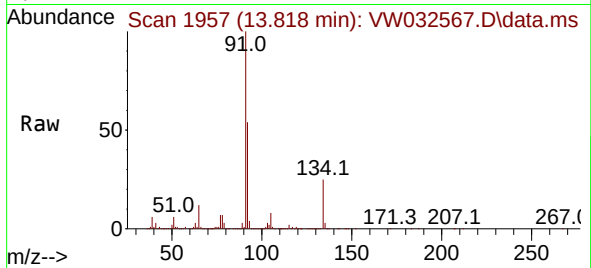




#89
n-Butylbenzene
Concen: 100.472 ug/l
RT: 13.818 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VW032567.D
Acq: 03 Dec 2025 12:58

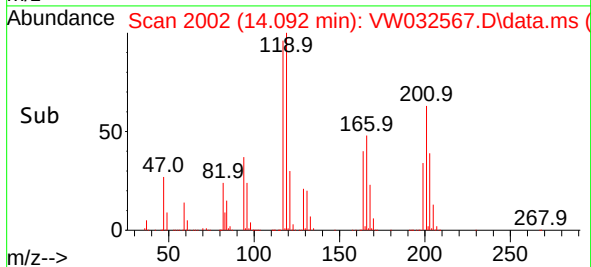
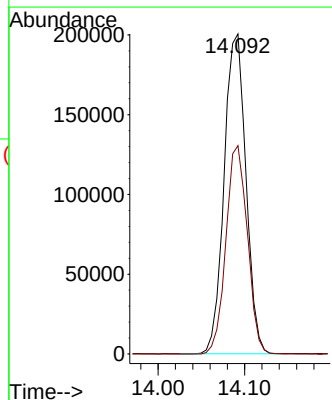
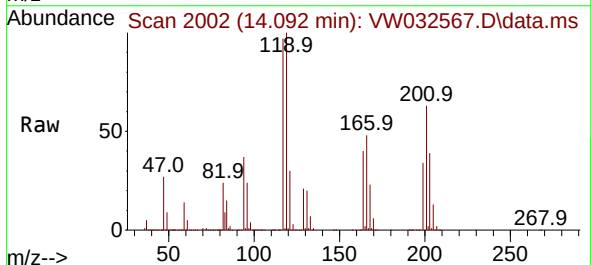
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

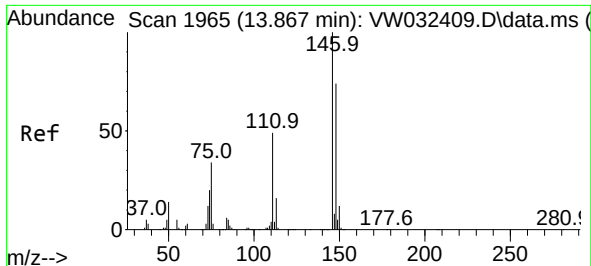
Tgt Ion: 91 Resp: 1963816
Ion Ratio Lower Upper
91 100
92 53.3 27.1 81.3
134 23.7 12.4 37.0



#90
Hexachloroethane
Concen: 95.199 ug/l
RT: 14.092 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VW032567.D
Acq: 03 Dec 2025 12:58

Tgt Ion: 117 Resp: 350927
Ion Ratio Lower Upper
117 100
201 64.0 29.5 88.6





#91

1,2-Dichlorobenzene

Concen: 93.198 ug/l

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW032567.D

Acq: 03 Dec 2025 12:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

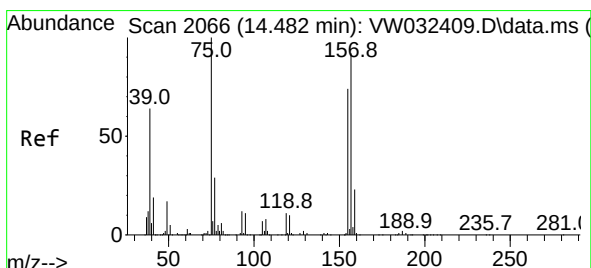
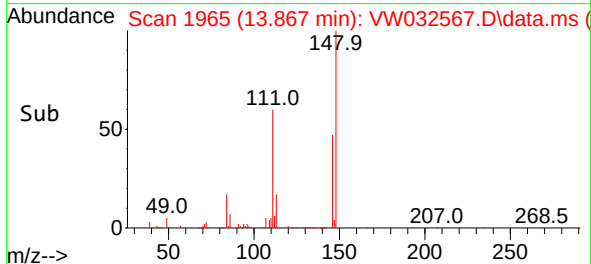
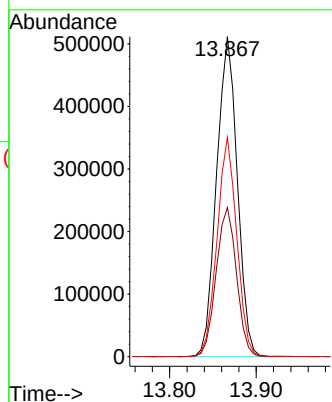
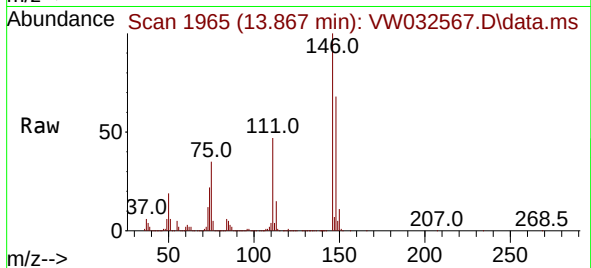
Tgt Ion:146 Resp: 850657

Ion Ratio Lower Upper

146 100

111 45.8 22.8 68.3

148 65.1 32.6 97.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 97.332 ug/l

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW032567.D

Acq: 03 Dec 2025 12:58

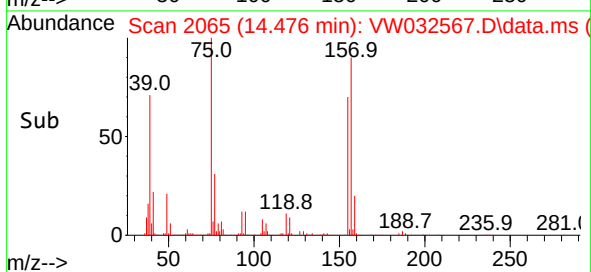
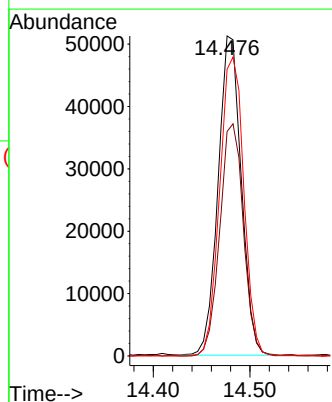
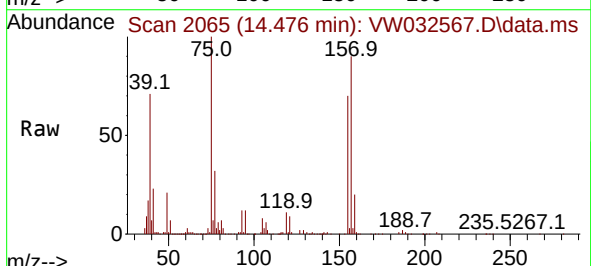
Tgt Ion: 75 Resp: 85051

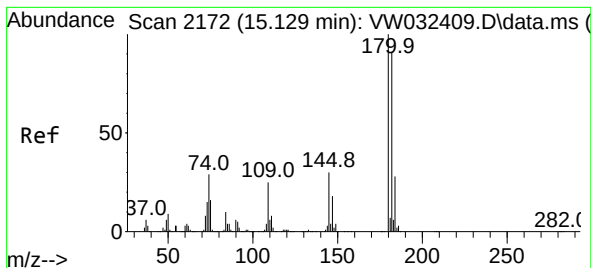
Ion Ratio Lower Upper

75 100

155 74.0 34.6 103.9

157 97.5 44.4 133.2





#93

1,2,4-Trichlorobenzene

Concen: 99.142 ug/l

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW032567.D

Acq: 03 Dec 2025 12:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC100

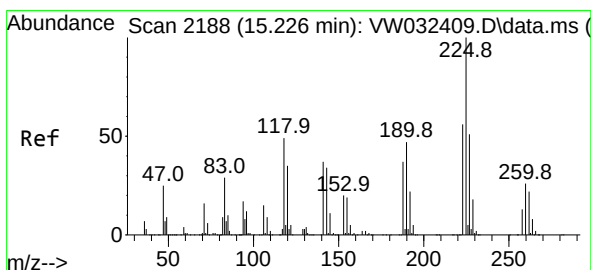
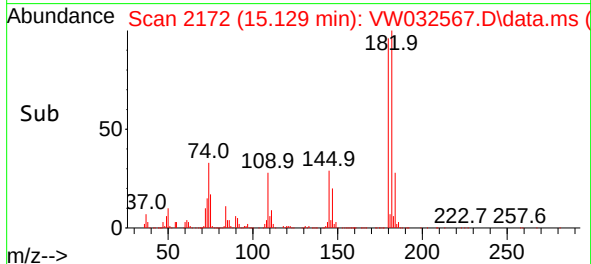
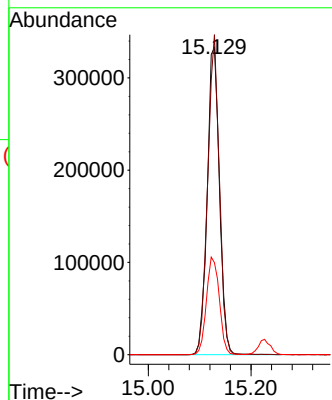
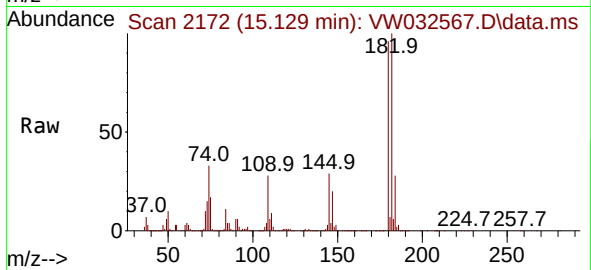
Tgt Ion:180 Resp: 551129

Ion Ratio Lower Upper

180 100

182 99.0 48.1 144.3

145 33.3 17.1 51.3



#94

Hexachlorobutadiene

Concen: 95.444 ug/l

RT: 15.232 min Scan# 2189

Delta R.T. -0.000 min

Lab File: VW032567.D

Acq: 03 Dec 2025 12:58

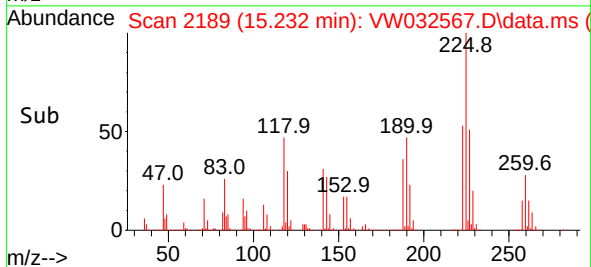
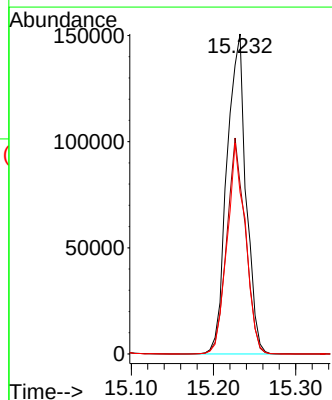
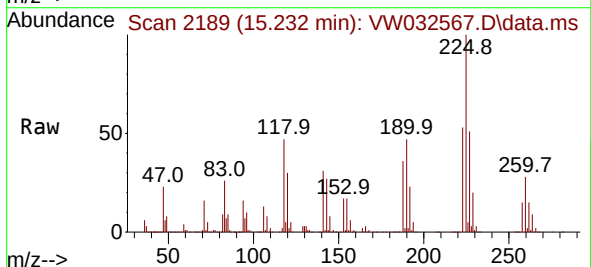
Tgt Ion:225 Resp: 244226

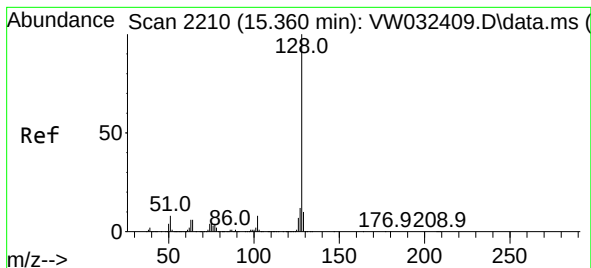
Ion Ratio Lower Upper

225 100

223 65.5 30.3 91.0

227 63.3 30.7 92.1





#95

Naphthalene

Concen: 110.334 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW032567.D

Acq: 03 Dec 2025 12:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

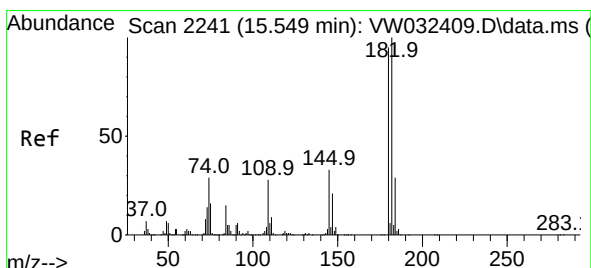
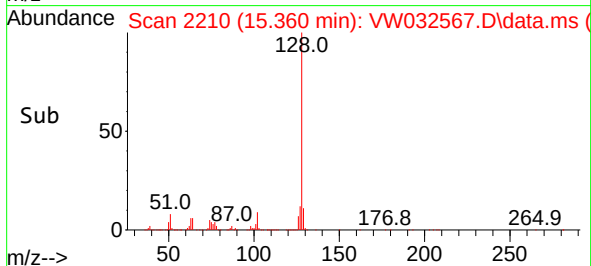
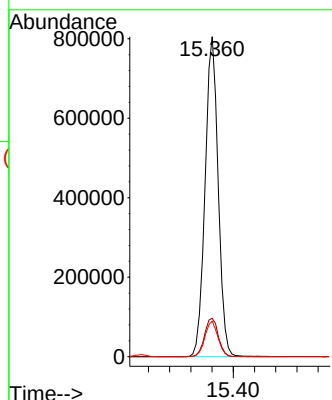
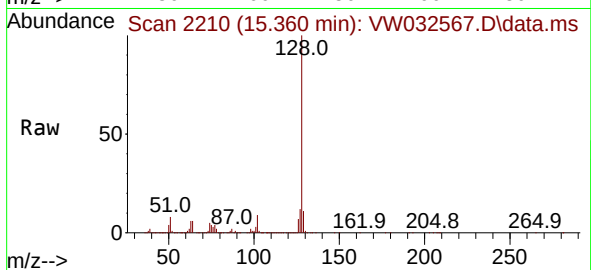
Tgt Ion:128 Resp: 1375528

Ion Ratio Lower Upper

128 100

127 12.7 10.6 15.8

129 11.0 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 102.833 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW032567.D

Acq: 03 Dec 2025 12:58

Tgt Ion:180 Resp: 519329

Ion Ratio Lower Upper

180 100

182 91.4 48.0 144.2

145 35.4 17.8 53.4

