

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121025\
 Data File : VW032615.D
 Acq On : 10 Dec 2025 14:09
 Operator : SY/MD
 Sample : VSTDCC020
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Quant Time: Dec 11 01:40:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W121025S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 11 01:34:27 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	344700	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	633033	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	574359	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	276822	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	111350	22.561	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	45.120%#
35) Dibromofluoromethane	7.898	113	89452	21.814	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	43.620%#
50) Toluene-d8	10.325	98	346384	21.321	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	42.640%#
62) 4-Bromofluorobenzene	12.617	95	126618	21.228	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	42.460%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.046	85	47114	22.011	ug/l	99
3) Chloromethane	2.253	50	77586	20.547	ug/l	99
4) Vinyl Chloride	2.405	62	92225	20.469	ug/l	100
5) Bromomethane	2.820	94	61394	20.459	ug/l	99
6) Chloroethane	2.966	64	58816	20.231	ug/l	91
7) Trichlorofluoromethane	3.308	101	74903	18.989	ug/l	94
8) Diethyl Ether	3.722	74	50812	19.238	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.100	101	75554	19.127	ug/l	99
10) Methyl Iodide	4.308	142	108837	19.787	ug/l	98
11) Tert butyl alcohol	5.210	59	33957	94.860	ug/l	97
12) 1,1-Dichloroethene	4.082	96	84366	20.162	ug/l	99
13) Acrolein	3.930	56	58529	97.131	ug/l	96
14) Allyl chloride	4.710	41	150663	19.368	ug/l	99
15) Acrylonitrile	5.399	53	138565	93.877	ug/l	99
16) Acetone	4.155	43	169362	93.786	ug/l	98
17) Carbon Disulfide	4.417	76	243142	19.993	ug/l	96
18) Methyl Acetate	4.710	43	62118	17.633	ug/l	99
19) Methyl tert-butyl Ether	5.460	73	162393	19.547	ug/l	99
20) Methylene Chloride	4.954	84	113598	20.605	ug/l	96
21) trans-1,2-Dichloroethene	5.460	96	90549	19.813	ug/l	91
22) Diisopropyl ether	6.338	45	317833	20.179	ug/l	98
23) Vinyl Acetate	6.283	43	1031391	96.842	ug/l	99
24) 1,1-Dichloroethane	6.246	63	179904	19.972	ug/l	98
25) 2-Butanone	7.191	43	201456	94.942	ug/l	99
26) 2,2-Dichloropropane	7.185	77	98477	19.470	ug/l	98
27) cis-1,2-Dichloroethene	7.191	96	105307	19.735	ug/l	100
28) Bromochloromethane	7.533	49	80637	22.534	ug/l	100
29) Tetrahydrofuran	7.551	42	120599	94.671	ug/l	98
30) Chloroform	7.691	83	176845	19.903	ug/l	97
31) Cyclohexane	7.971	56	162908	19.621	ug/l	97
32) 1,1,1-Trichloroethane	7.892	97	129026	19.748	ug/l	98
36) 1,1-Dichloropropene	8.093	75	126992	19.485	ug/l	99
37) Ethyl Acetate	7.270	43	84160	18.852	ug/l	99
38) Carbon Tetrachloride	8.087	117	114589	19.009	ug/l	95
39) Methylcyclohexane	9.343	83	152060	18.552	ug/l	99
40) Benzene	8.337	78	388506	19.650	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	42918	17.987	ug/l	96
42) 1,2-Dichloroethane	8.410	62	123190	19.569	ug/l	99
43) Isopropyl Acetate	8.435	43	145732	18.407	ug/l	99
44) Trichloroethene	9.099	130	86370	19.132	ug/l	100
45) 1,2-Dichloropropane	9.374	63	98669	19.722	ug/l	96
46) Dibromomethane	9.465	93	56442	19.256	ug/l	98
47) Bromodichloromethane	9.648	83	130758	19.178	ug/l	99
48) Methyl methacrylate	9.441	41	65560	17.544	ug/l	98
49) 1,4-Dioxane	9.465	88	14032	356.844	ug/l #	97
51) 4-Methyl-2-Pentanone	10.209	43	410418	92.980	ug/l	99
52) Toluene	10.392	92	235052	19.323	ug/l	99
53) t-1,3-Dichloropropene	10.611	75	122453	18.215	ug/l	97
54) cis-1,3-Dichloropropene	10.075	75	148069	19.100	ug/l	98
55) 1,1,2-Trichloroethane	10.788	97	75030	19.078	ug/l	96
56) Ethyl methacrylate	10.648	69	103443	18.219	ug/l	99
57) 1,3-Dichloropropane	10.934	76	132795	18.799	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.928	63	293615	192.247	ug/l	100
59) 2-Hexanone	10.965	43	299754	93.763	ug/l	98
60) Dibromochloromethane	11.129	129	82640	18.865	ug/l	96
61) 1,2-Dibromoethane	11.233	107	71866	18.897	ug/l	98
64) Tetrachloroethene	10.861	164	72003	19.552	ug/l #	88
65) Chlorobenzene	11.654	112	253945	19.363	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.733	131	78631	19.199	ug/l	96
67) Ethyl Benzene	11.727	91	438210	19.333	ug/l	95
68) m/p-Xylenes	11.837	106	338246	38.885	ug/l	99
69) o-Xylene	12.166	106	153806	19.172	ug/l	99
70) Styrene	12.178	104	273635	19.565	ug/l	100
71) Bromoform	12.343	173	44809	18.842	ug/l #	95
73) Isopropylbenzene	12.458	105	394907	18.756	ug/l	99
74) N-amyl acetate	12.269	43	132845	18.415	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.708	83	91831	18.116	ug/l	97
76) 1,2,3-Trichloropropane	12.763	75	117665	31.867	ug/l	36
77) Bromobenzene	12.745	156	92608	19.167	ug/l	98
78) n-propylbenzene	12.800	91	517295	19.234	ug/l	99
79) 2-Chlorotoluene	12.885	91	304047	19.259	ug/l	100
80) 1,3,5-Trimethylbenzene	12.940	105	344820	19.498	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.507	75	28643	21.735	ug/l	95
82) 4-Chlorotoluene	12.989	91	323871	19.316	ug/l	99
83) tert-Butylbenzene	13.202	119	281367	18.676	ug/l	98
84) 1,2,4-Trimethylbenzene	13.245	105	341488	19.146	ug/l	99
85) sec-Butylbenzene	13.379	105	444023	19.250	ug/l	98
86) p-Isopropyltoluene	13.495	119	358822	19.126	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	184413	18.648	ug/l	98
88) 1,4-Dichlorobenzene	13.574	146	190794	19.375	ug/l	98
89) n-Butylbenzene	13.818	91	353260	18.741	ug/l	99
90) Hexachloroethane	14.086	117	66009	18.837	ug/l	98
91) 1,2-Dichlorobenzene	13.867	146	172015	19.270	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.476	75	15856	17.612	ug/l	92
93) 1,2,4-Trichlorobenzene	15.129	180	94441	17.813	ug/l	99
94) Hexachlorobutadiene	15.232	225	40897	16.319	ug/l	86
95) Naphthalene	15.354	128	220667	23.002	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	90672	18.093	ug/l	99

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VSTDICC020

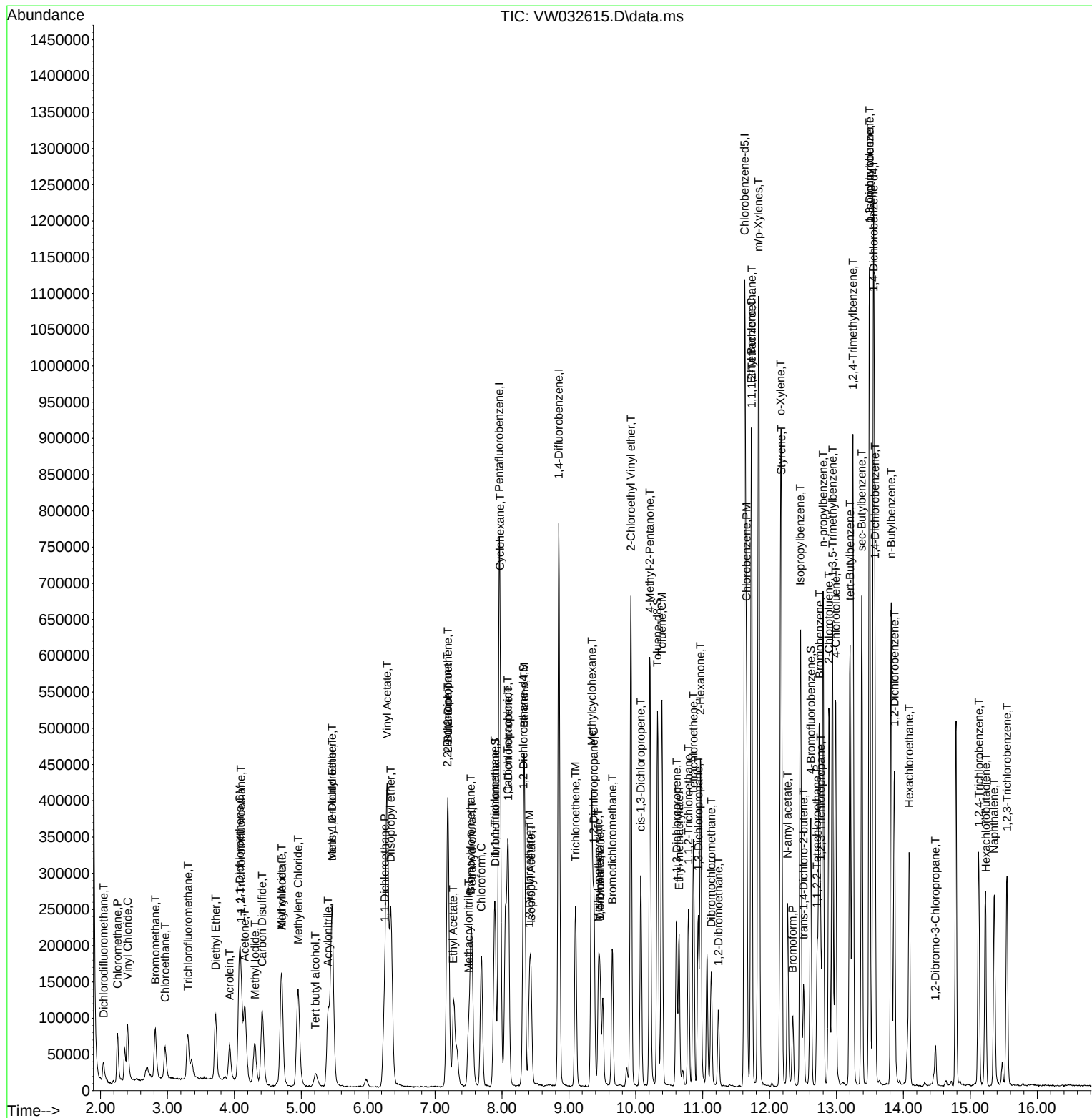
Quant Time: Dec 11 01:40:38 2025
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Quant Title : SW846 8260
QLast Update : Thu Dec 11 01:34:27 2025
Response via : Initial Calibration

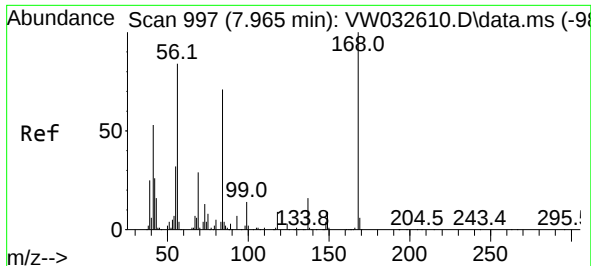
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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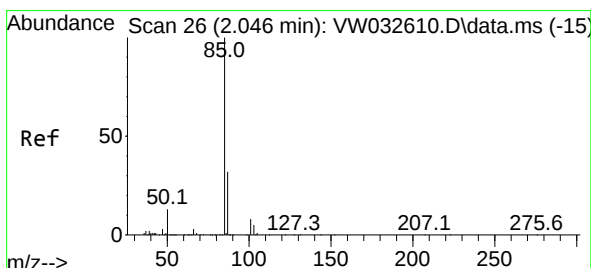
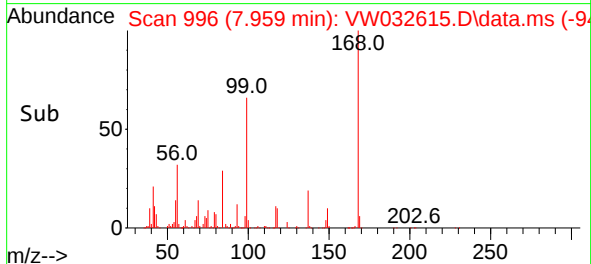
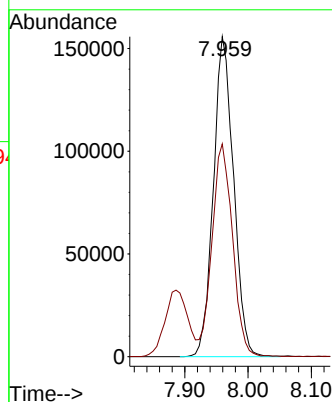
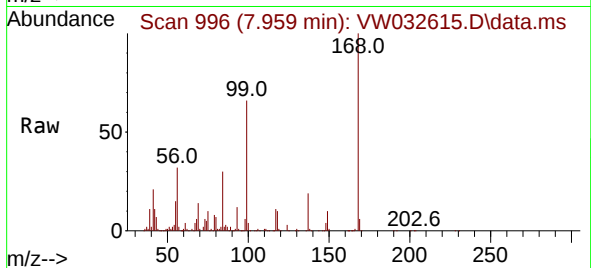




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
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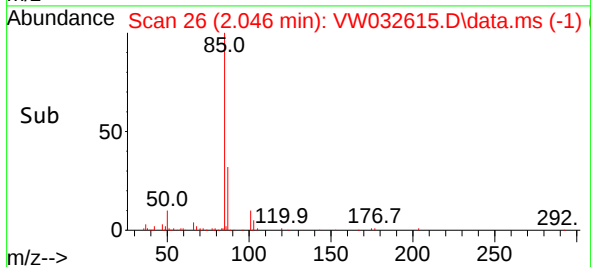
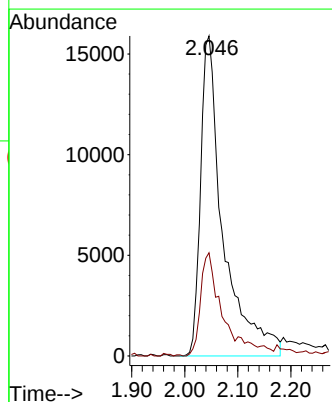
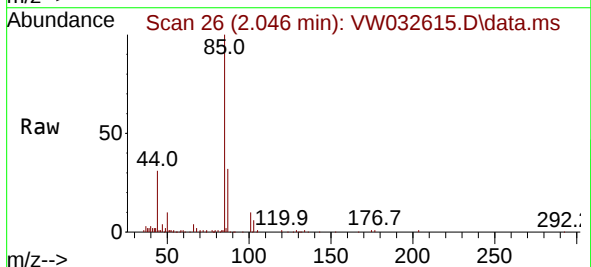
Instrument :
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ClientSampleId :
VSTDICC020

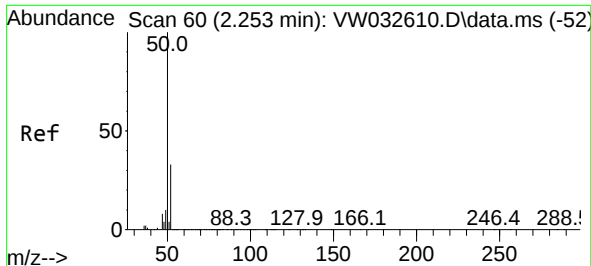
Tgt Ion:168 Resp: 344700
Ion Ratio Lower Upper
168 100
99 66.4 47.8 71.8



#2
Dichlorodifluoromethane
Concen: 22.011 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.000 min
Lab File: VW032615.D
Acq: 10 Dec 2025 14:09

Tgt Ion: 85 Resp: 47114
Ion Ratio Lower Upper
85 100
87 31.9 16.1 48.3

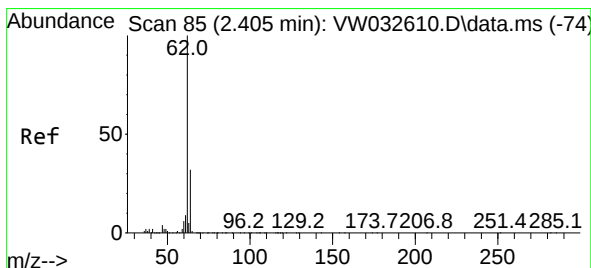
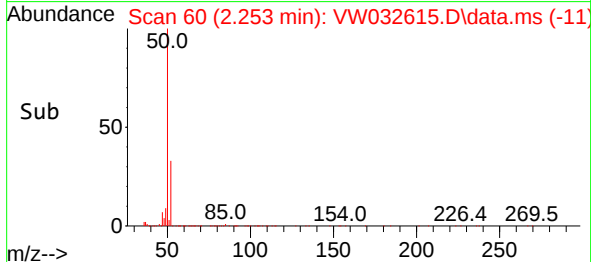
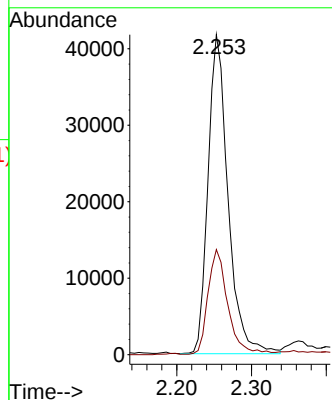
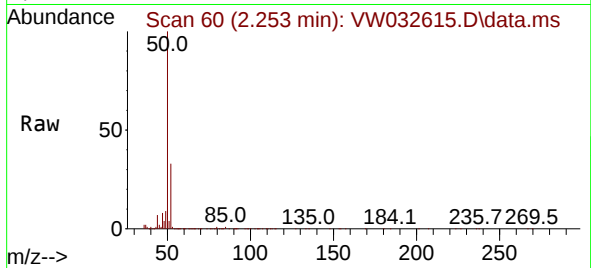




#3
Chloromethane
Concen: 20.547 ug/l
RT: 2.253 min Scan# 60
Delta R.T. 0.000 min
Lab File: VW032615.D
Acq: 10 Dec 2025 14:09

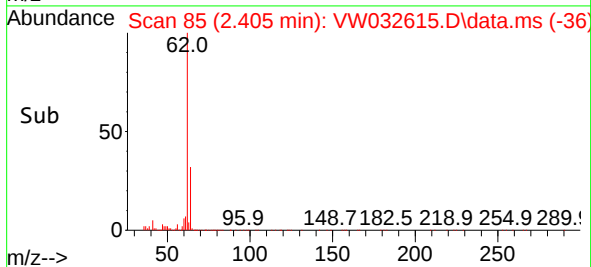
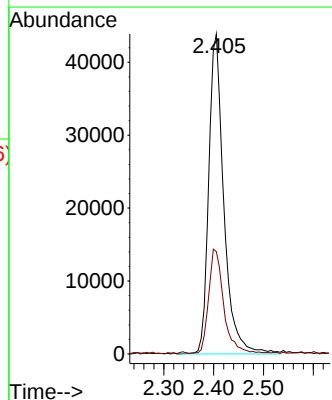
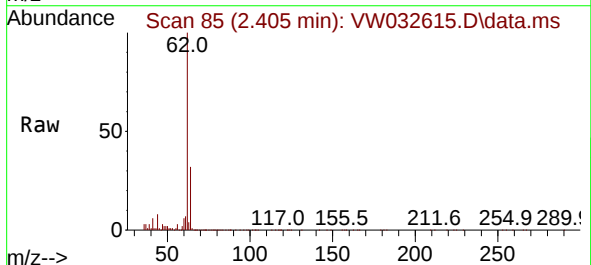
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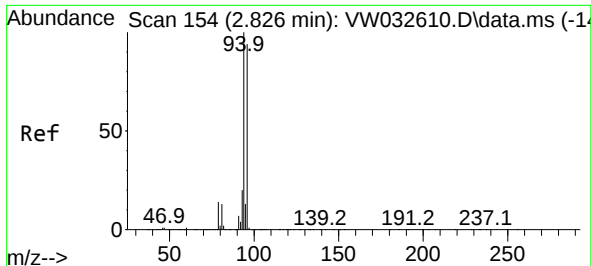
Tgt Ion: 50 Resp: 77586
Ion Ratio Lower Upper
50 100
52 32.8 26.6 40.0



#4
Vinyl Chloride
Concen: 20.469 ug/l
RT: 2.405 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW032615.D
Acq: 10 Dec 2025 14:09

Tgt Ion: 62 Resp: 92225
Ion Ratio Lower Upper
62 100
64 31.8 25.3 37.9

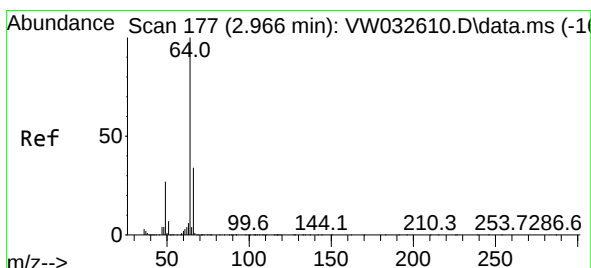
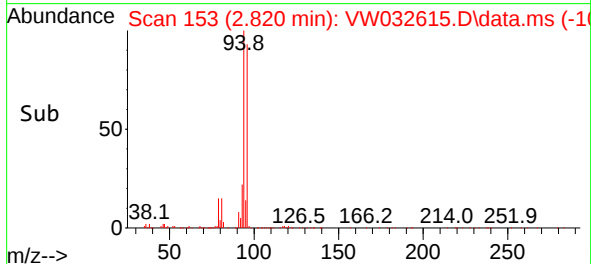
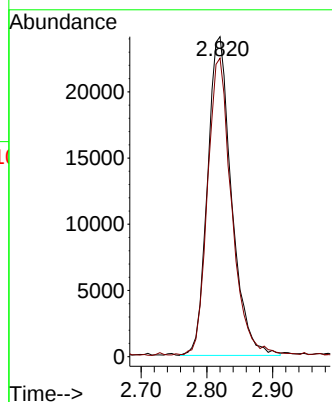
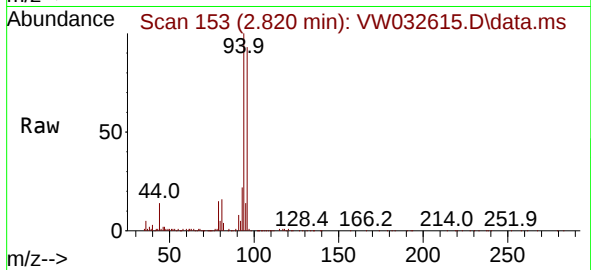




#5
Bromomethane
Concen: 20.459 ug/l
RT: 2.820 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032615.D
Acq: 10 Dec 2025 14:09

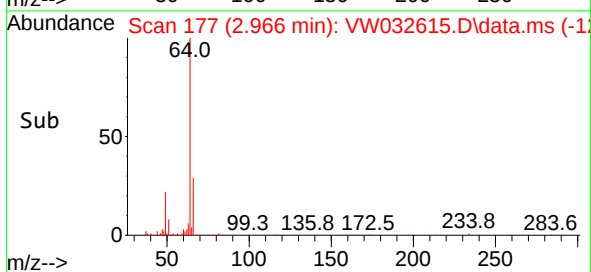
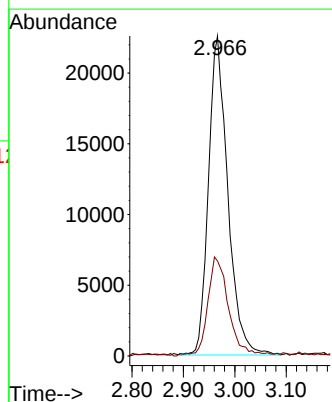
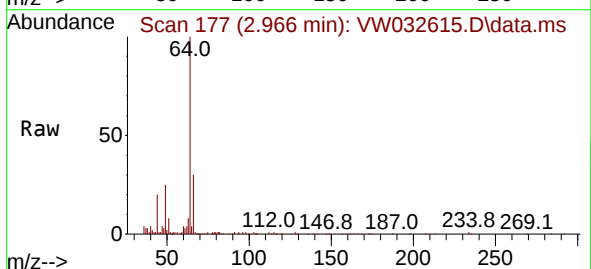
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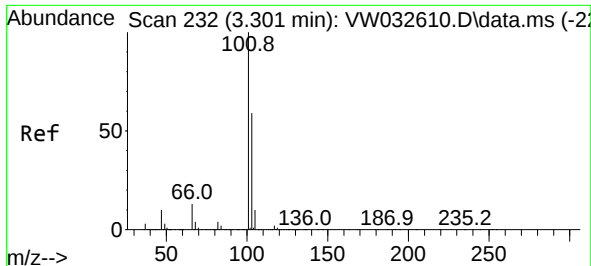
Tgt Ion: 94 Resp: 61394
Ion Ratio Lower Upper
94 100
96 93.0 75.4 113.2



#6
Chloroethane
Concen: 20.231 ug/l
RT: 2.966 min Scan# 177
Delta R.T. 0.000 min
Lab File: VW032615.D
Acq: 10 Dec 2025 14:09

Tgt Ion: 64 Resp: 58816
Ion Ratio Lower Upper
64 100
66 29.2 27.3 40.9

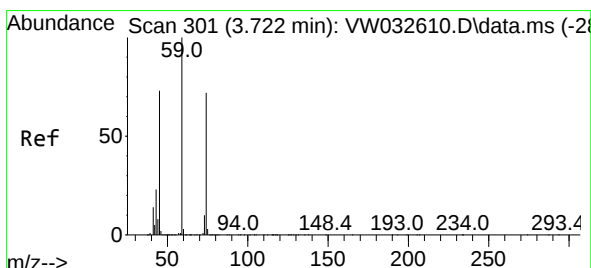
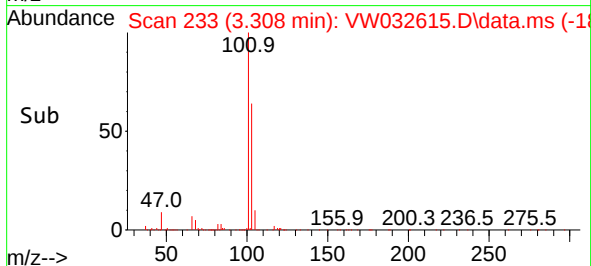
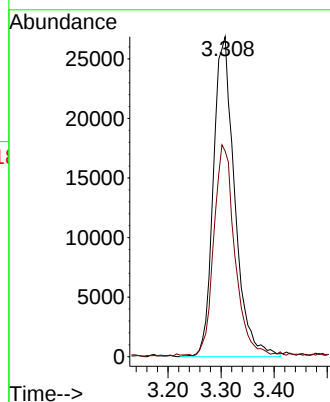
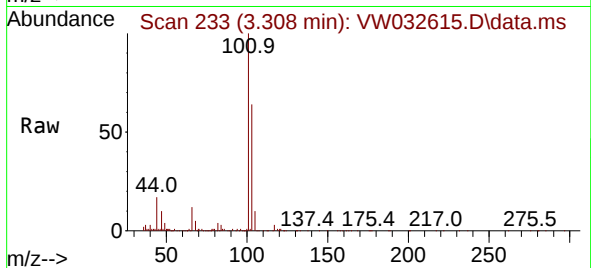




#7
 Trichlorofluoromethane
 Concen: 18.989 ug/l
 RT: 3.308 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW032615.D
 Acq: 10 Dec 2025 14:09

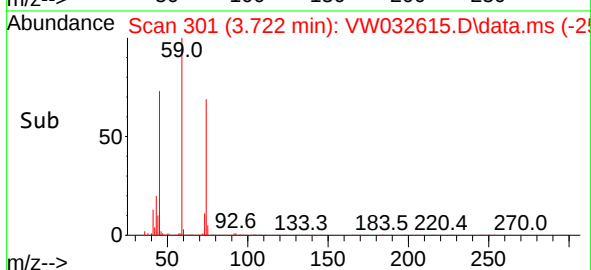
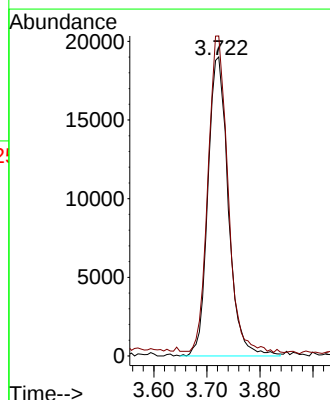
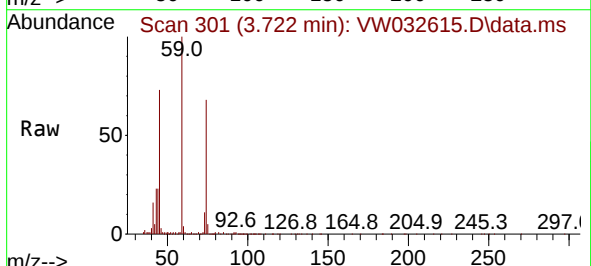
Instrument :
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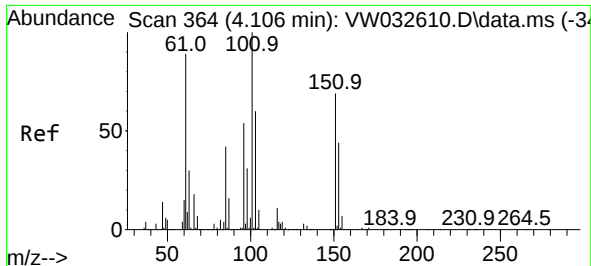
Tgt Ion:101 Resp: 74903
 Ion Ratio Lower Upper
 101 100
 103 63.8 47.3 70.9



#8
 Diethyl Ether
 Concen: 19.238 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 50812
 Ion Ratio Lower Upper
 74 100
 45 103.3 52.4 157.2

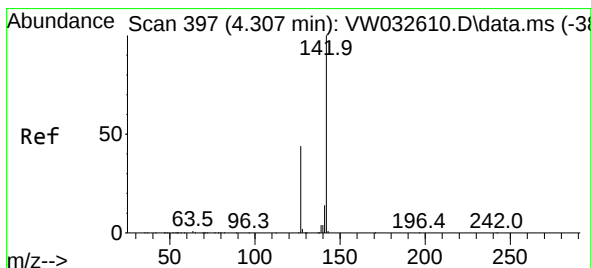
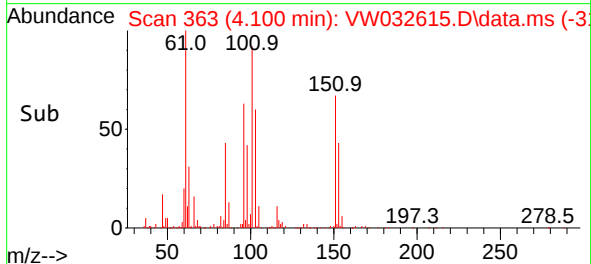
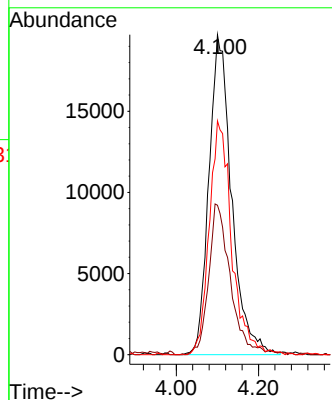
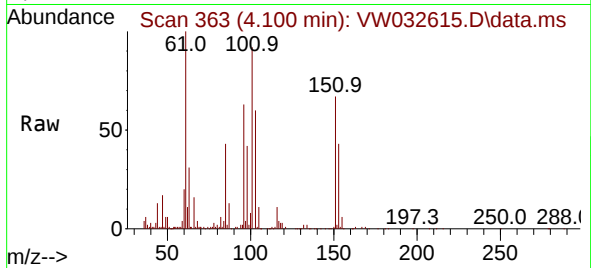




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.127 ug/l
RT: 4.100 min Scan# 364
Delta R.T. -0.006 min
Lab File: VW032615.D
Acq: 10 Dec 2025 14:09

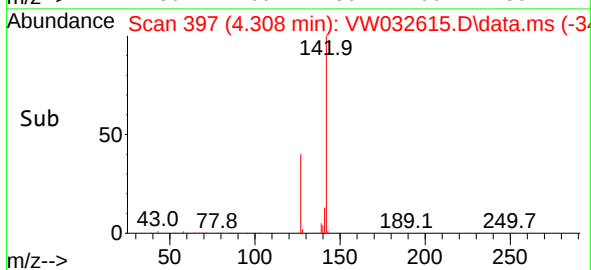
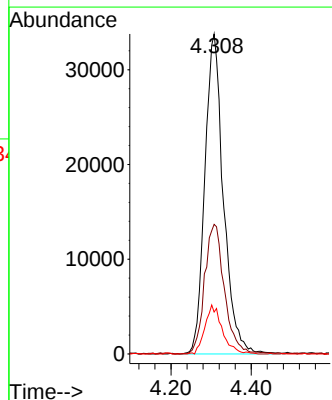
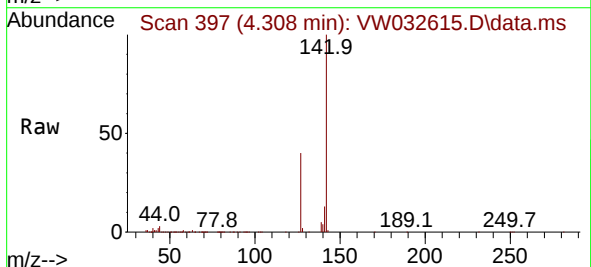
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

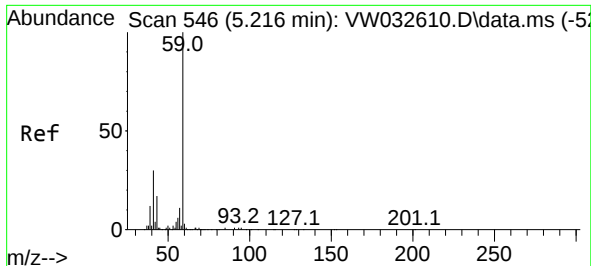
Tgt Ion:101 Resp: 75554
Ion Ratio Lower Upper
101 100
85 44.9 35.4 53.2
151 71.8 56.7 85.1



#10
Methyl Iodide
Concen: 19.787 ug/l
RT: 4.308 min Scan# 397
Delta R.T. 0.000 min
Lab File: VW032615.D
Acq: 10 Dec 2025 14:09

Tgt Ion:142 Resp: 108837
Ion Ratio Lower Upper
142 100
127 43.2 36.0 54.0
141 14.3 11.6 17.4

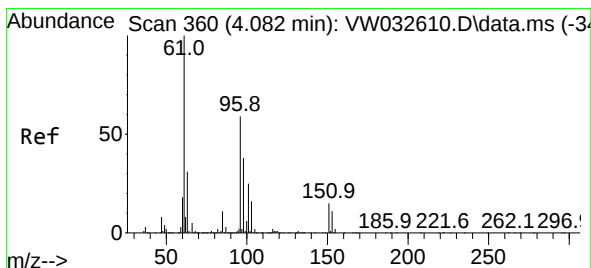
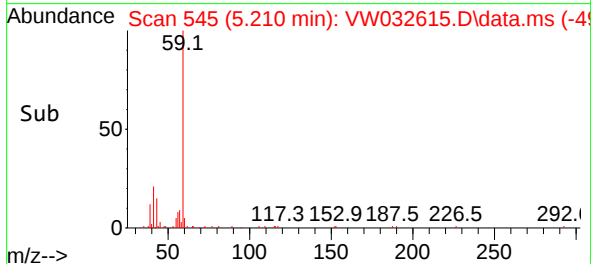
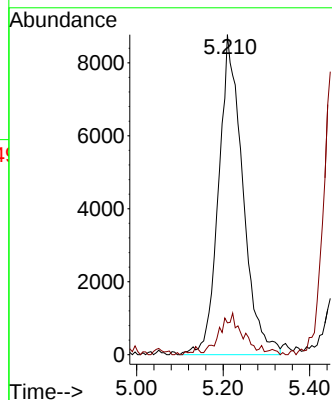
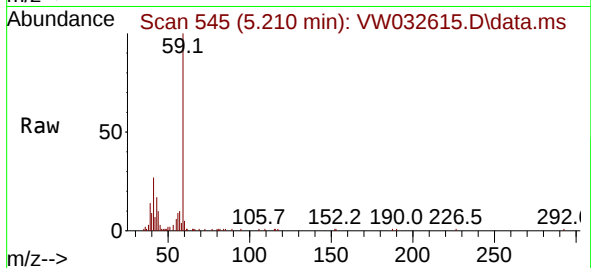




#11
Tert butyl alcohol
Concen: 94.860 ug/l
RT: 5.210 min Scan# 546
Delta R.T. -0.006 min
Lab File: VW032615.D
Acq: 10 Dec 2025 14:09

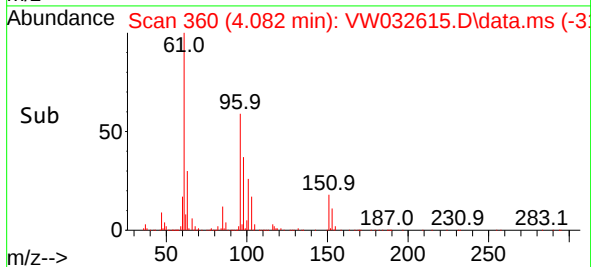
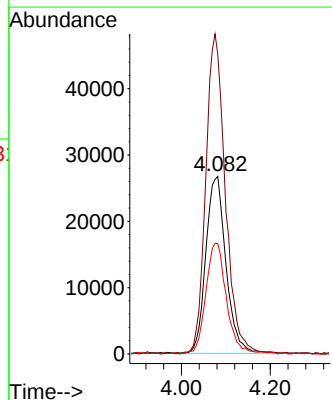
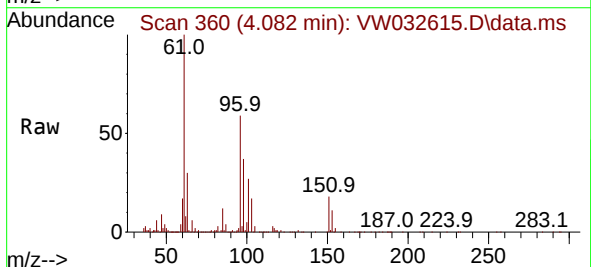
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

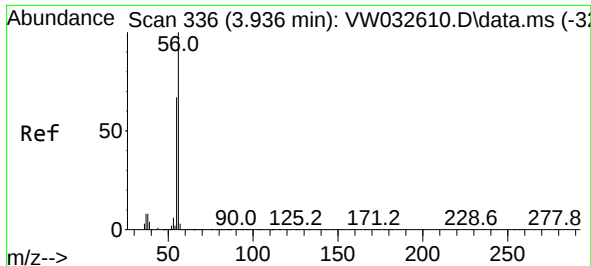
Tgt Ion: 59 Resp: 33957
Ion Ratio Lower Upper
59 100
57 10.6 9.4 14.0



#12
1,1-Dichloroethene
Concen: 20.162 ug/l
RT: 4.082 min Scan# 360
Delta R.T. 0.000 min
Lab File: VW032615.D
Acq: 10 Dec 2025 14:09

Tgt Ion: 96 Resp: 84366
Ion Ratio Lower Upper
96 100
61 169.1 134.6 202.0
98 62.2 51.1 76.7

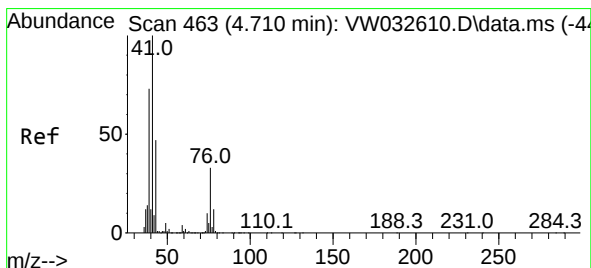
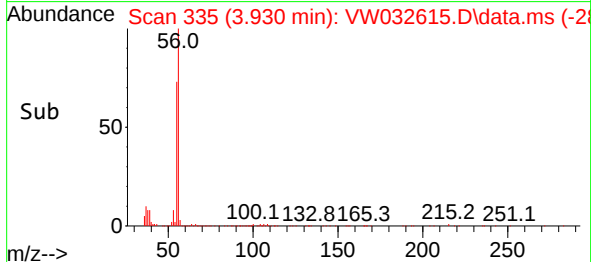
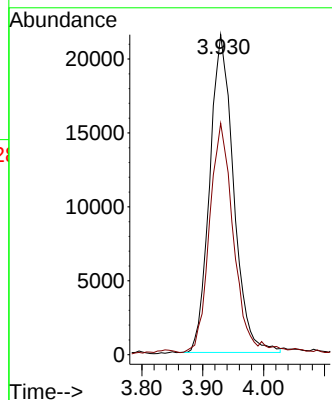
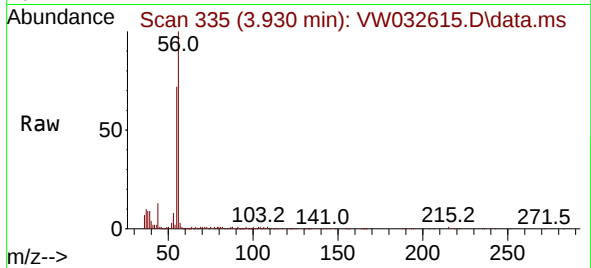




#13
Acrolein
Concen: 97.131 ug/l
RT: 3.930 min Scan# 31
Delta R.T. -0.006 min
Lab File: VW032615.D
Acq: 10 Dec 2025 14:09

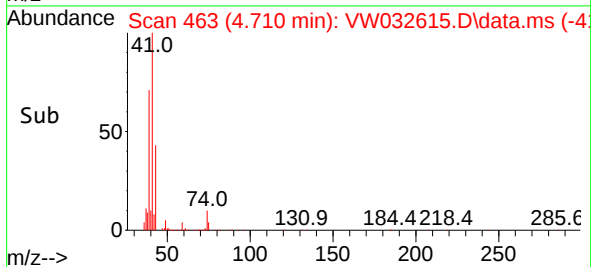
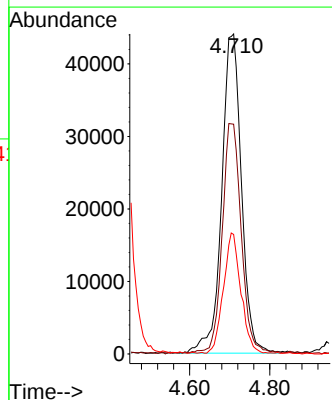
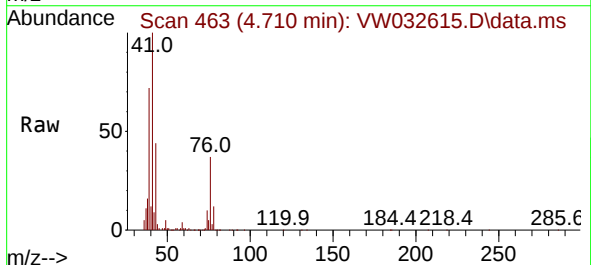
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

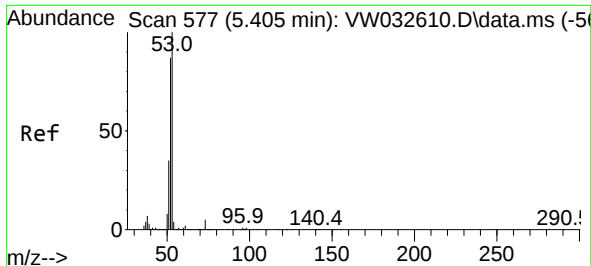
Tgt Ion: 56 Resp: 58529
Ion Ratio Lower Upper
56 100
55 73.0 56.0 84.0



#14
Allyl chloride
Concen: 19.368 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.000 min
Lab File: VW032615.D
Acq: 10 Dec 2025 14:09

Tgt Ion: 41 Resp: 150663
Ion Ratio Lower Upper
41 100
39 69.1 54.2 81.2
76 33.1 26.3 39.5

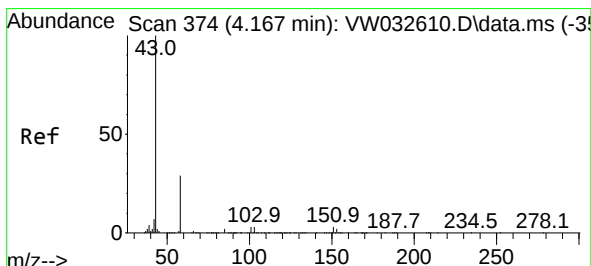
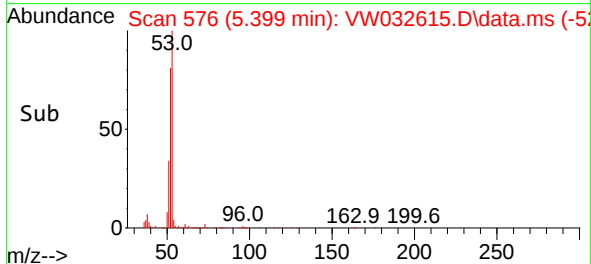
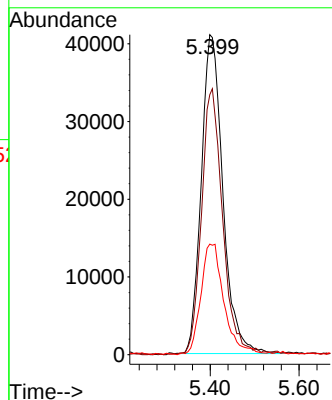
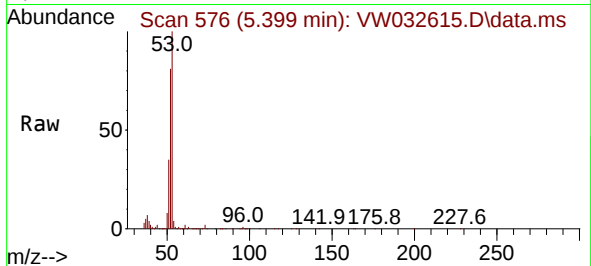




#15
Acrylonitrile
Concen: 93.877 ug/l
RT: 5.399 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW032615.D
Acq: 10 Dec 2025 14:09

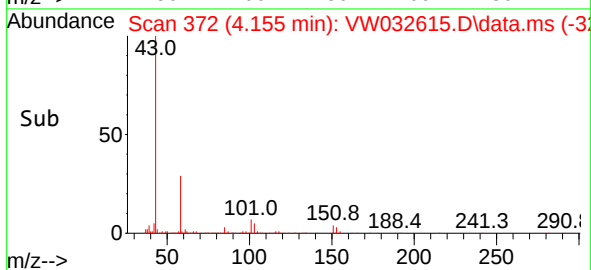
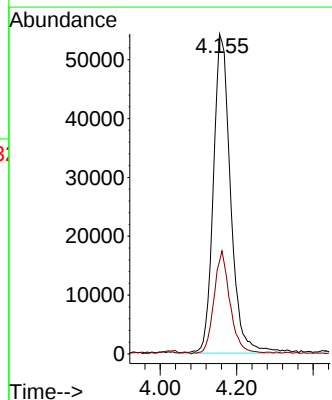
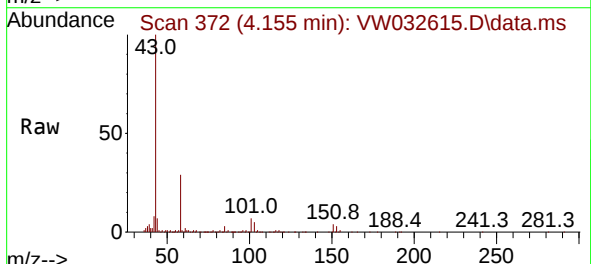
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

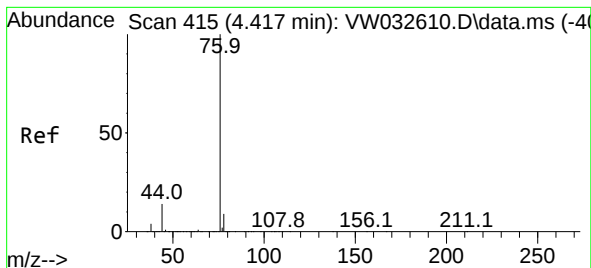
Tgt Ion: 53 Resp: 138565
Ion Ratio Lower Upper
53 100
52 81.8 66.7 100.1
51 37.2 29.8 44.6



#16
Acetone
Concen: 93.786 ug/l
RT: 4.155 min Scan# 372
Delta R.T. -0.012 min
Lab File: VW032615.D
Acq: 10 Dec 2025 14:09

Tgt Ion: 43 Resp: 169362
Ion Ratio Lower Upper
43 100
58 28.7 23.9 35.9





#17

Carbon Disulfide

Concen: 19.993 ug/l

RT: 4.417 min Scan# 415

Delta R.T. 0.000 min

Lab File: VW032615.D

Acq: 10 Dec 2025 14:09

Instrument :

MSVOA_W

ClientSampleId :

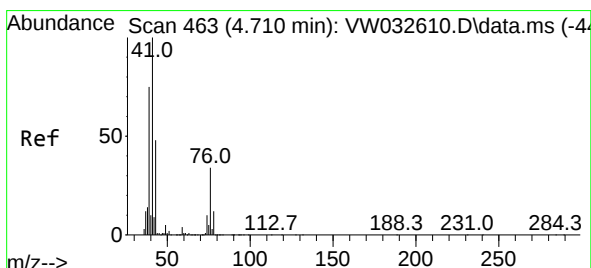
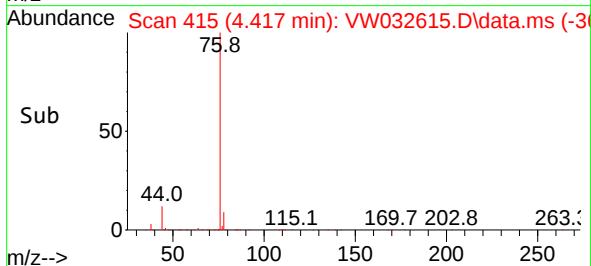
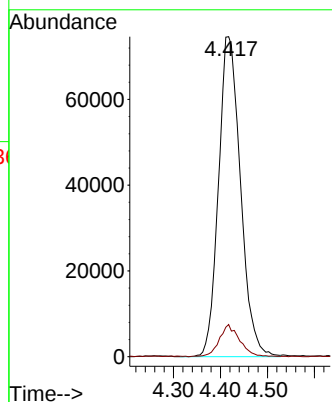
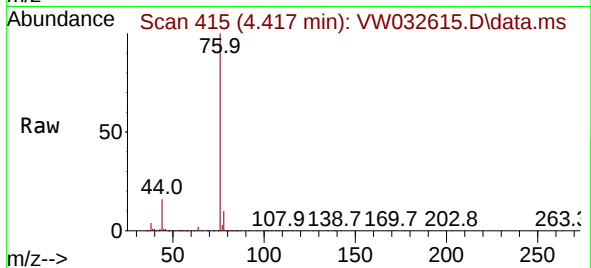
VSTDICC020

Tgt Ion: 76 Resp: 243142

Ion Ratio Lower Upper

76 100

78 9.9 6.8 10.2



#18

Methyl Acetate

Concen: 17.633 ug/l

RT: 4.710 min Scan# 463

Delta R.T. 0.000 min

Lab File: VW032615.D

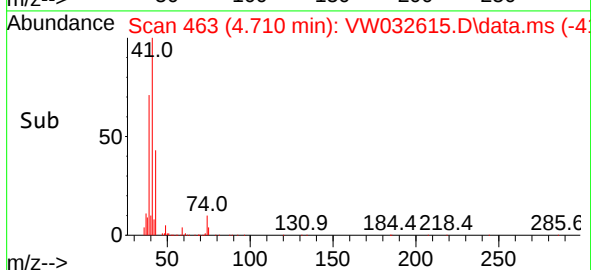
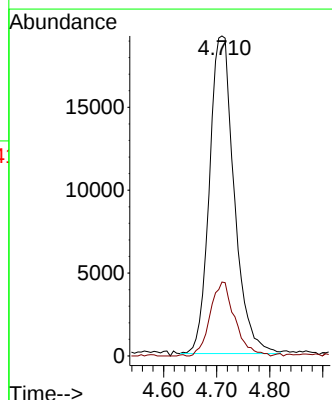
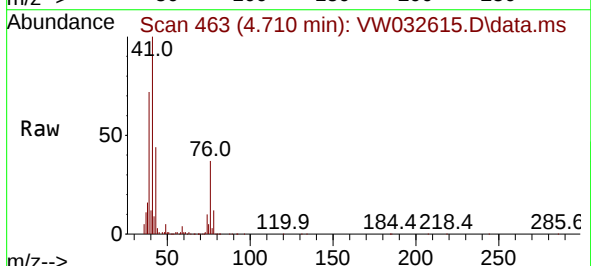
Acq: 10 Dec 2025 14:09

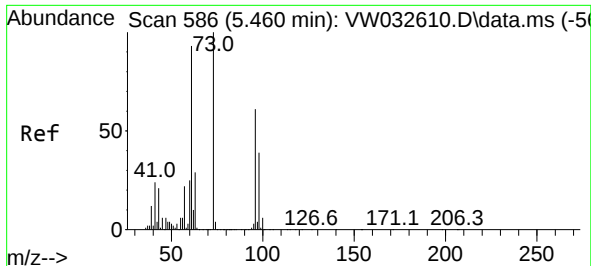
Tgt Ion: 43 Resp: 62118

Ion Ratio Lower Upper

43 100

74 23.2 18.2 27.4

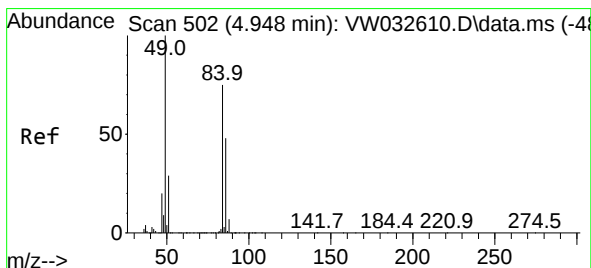
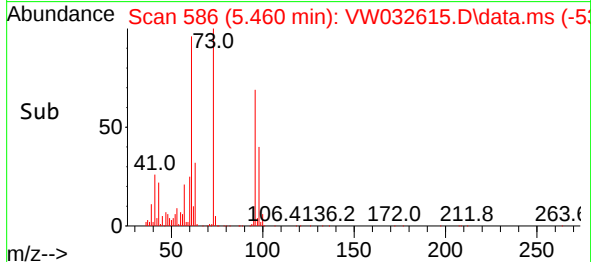
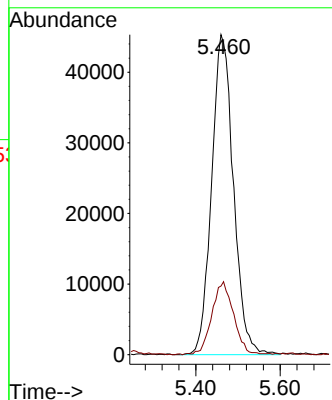
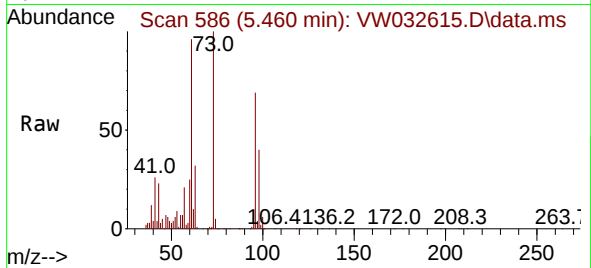




#19
Methyl tert-butyl Ether
Concen: 19.547 ug/l
RT: 5.460 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW032615.D
Acq: 10 Dec 2025 14:09

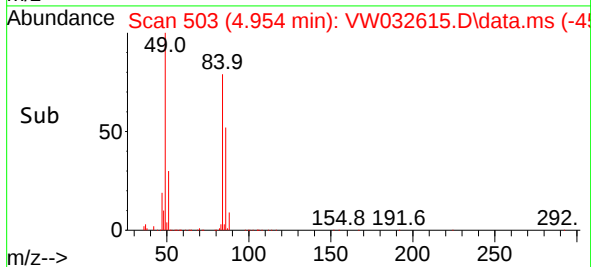
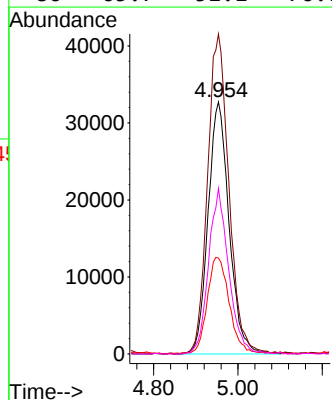
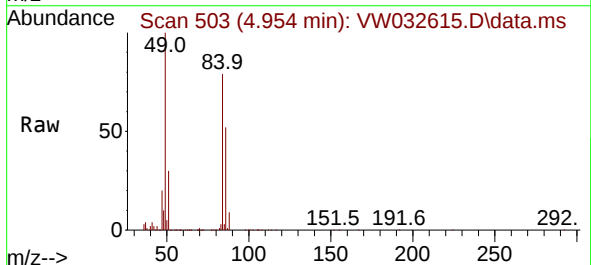
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

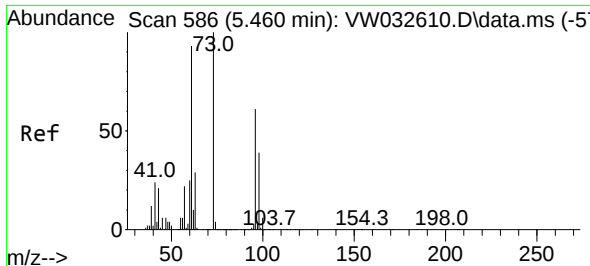
Tgt Ion: 73 Resp: 162393
Ion Ratio Lower Upper
73 100
57 21.2 17.3 25.9



#20
Methylene Chloride
Concen: 20.605 ug/l
RT: 4.954 min Scan# 503
Delta R.T. 0.006 min
Lab File: VW032615.D
Acq: 10 Dec 2025 14:09

Tgt Ion: 84 Resp: 113598
Ion Ratio Lower Upper
84 100
49 127.0 106.9 160.3
51 37.9 31.4 47.2
86 65.7 51.1 76.7

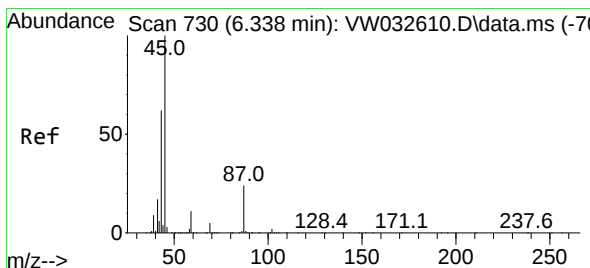
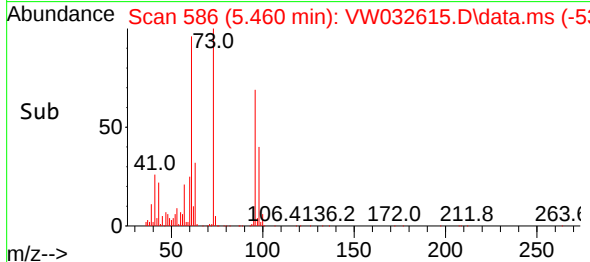
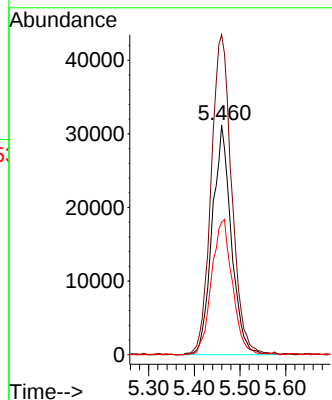
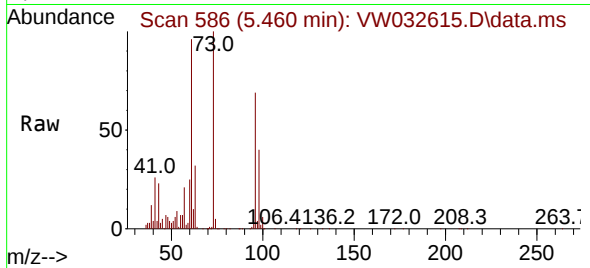




#21
trans-1,2-Dichloroethene
Concen: 19.813 ug/l
RT: 5.460 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW032615.D
Acq: 10 Dec 2025 14:09

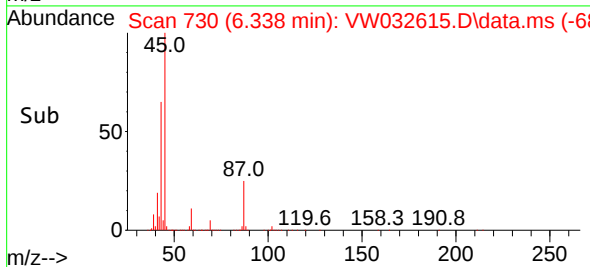
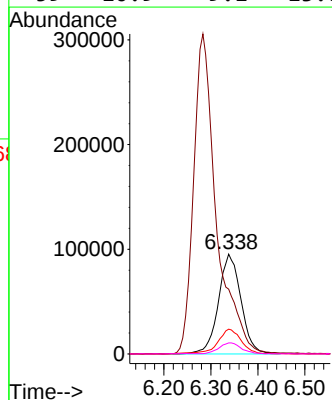
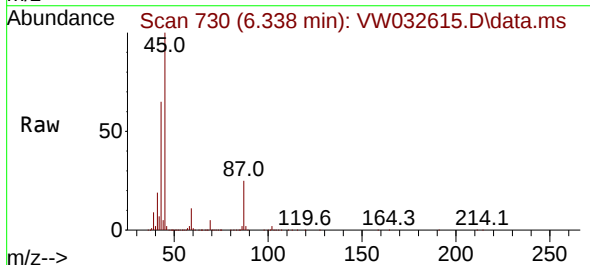
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

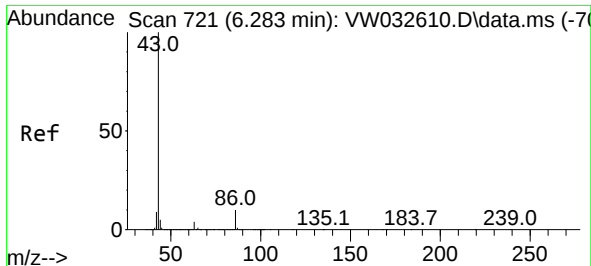
Tgt Ion: 96 Resp: 90549
Ion Ratio Lower Upper
96 100
61 139.3 121.7 182.5
98 57.7 50.6 76.0



#22
Diisopropyl ether
Concen: 20.179 ug/l
RT: 6.338 min Scan# 730
Delta R.T. 0.000 min
Lab File: VW032615.D
Acq: 10 Dec 2025 14:09

Tgt Ion: 45 Resp: 317833
Ion Ratio Lower Upper
45 100
43 63.9 49.1 73.7
87 24.6 19.7 29.5
59 10.9 9.1 13.7

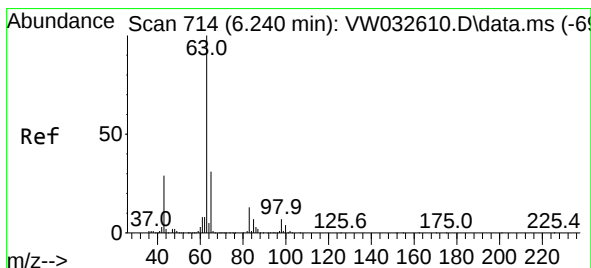
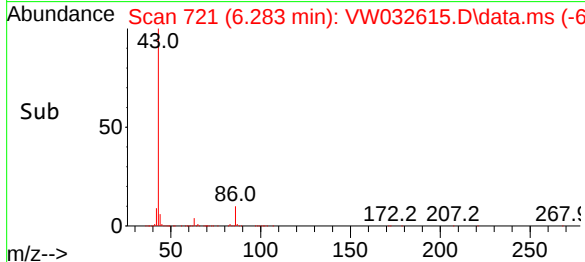
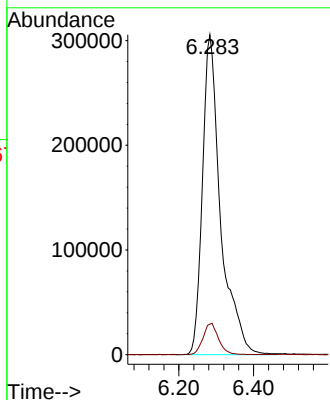
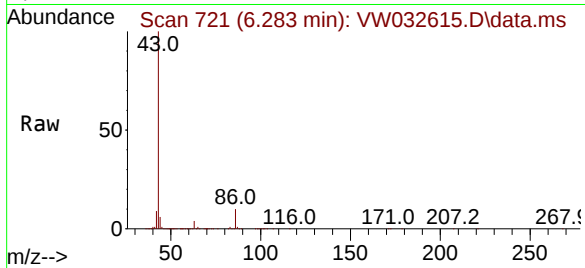




#23
 Vinyl Acetate
 Concen: 96.842 ug/l
 RT: 6.283 min Scan# 715
 Delta R.T. 0.000 min
 Lab File: VW032615.D
 Acq: 10 Dec 2025 14:09

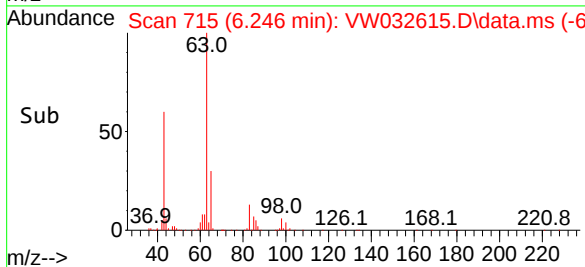
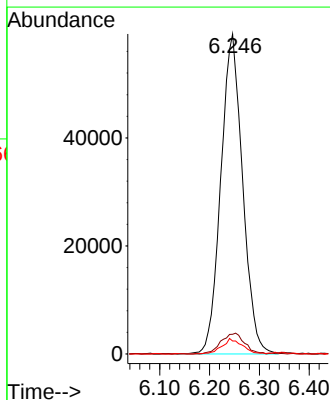
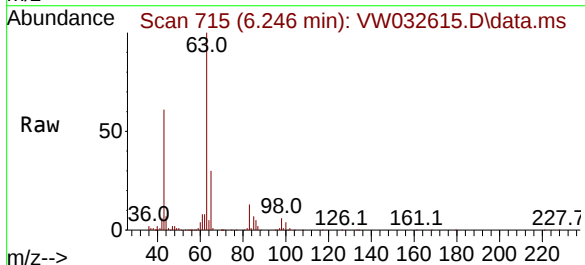
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

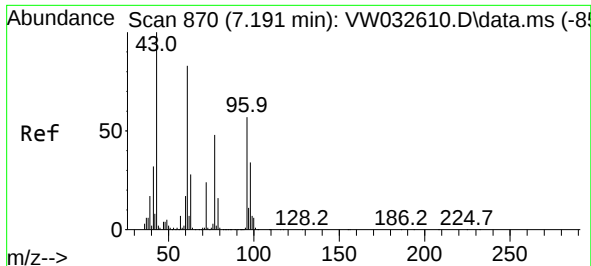
Tgt Ion: 43 Resp: 1031391
 Ion Ratio Lower Upper
 43 100
 86 9.6 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 19.972 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. 0.006 min
 Lab File: VW032615.D
 Acq: 10 Dec 2025 14:09

Tgt Ion: 63 Resp: 179904
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.5 10.4
 100 3.9 2.1 6.5

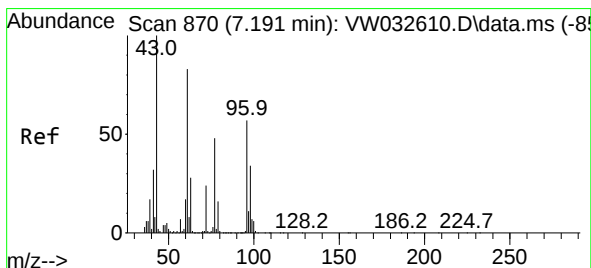
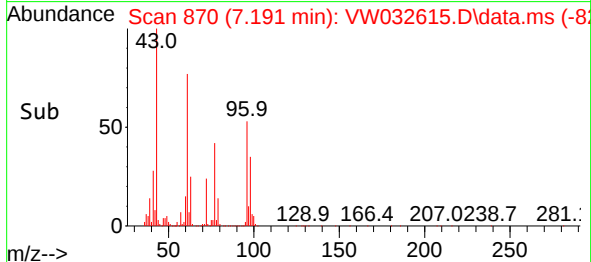
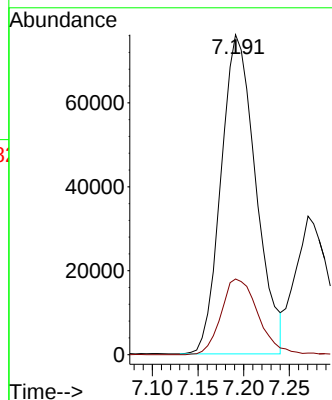
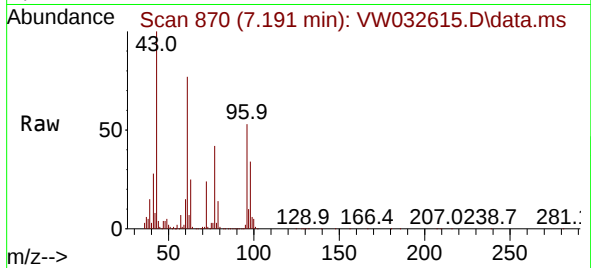




#25
2-Butanone
Concen: 94.942 ug/l
RT: 7.191 min Scan# 81
Delta R.T. 0.000 min
Lab File: VW032615.D
Acq: 10 Dec 2025 14:09

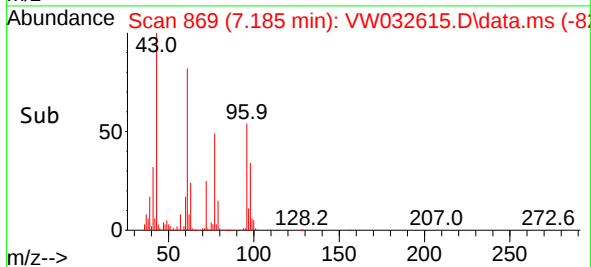
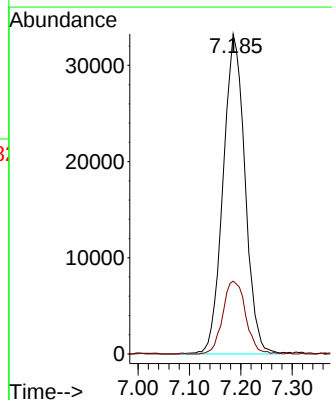
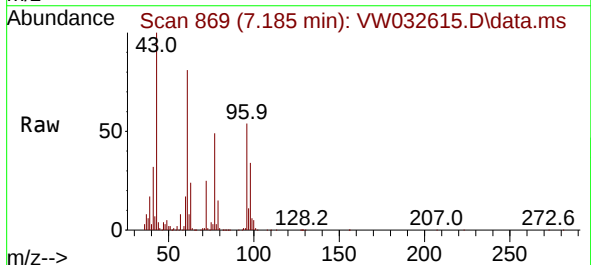
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

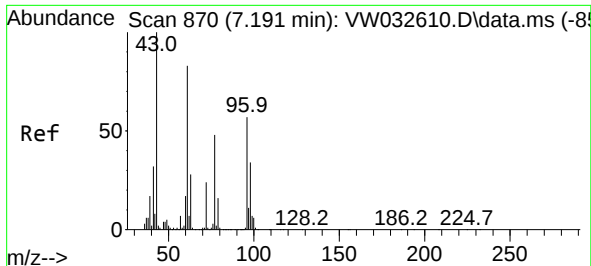
Tgt Ion: 43 Resp: 201456
Ion Ratio Lower Upper
43 100
72 23.7 19.4 29.0



#26
2,2-Dichloropropane
Concen: 19.470 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.006 min
Lab File: VW032615.D
Acq: 10 Dec 2025 14:09

Tgt Ion: 77 Resp: 98477
Ion Ratio Lower Upper
77 100
97 23.8 11.3 33.9



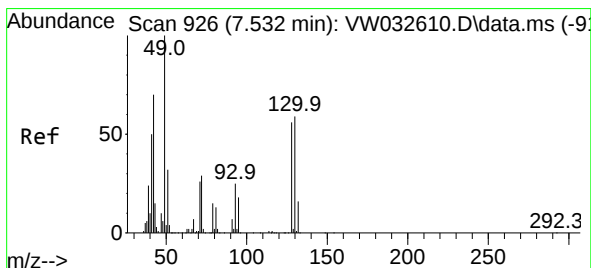
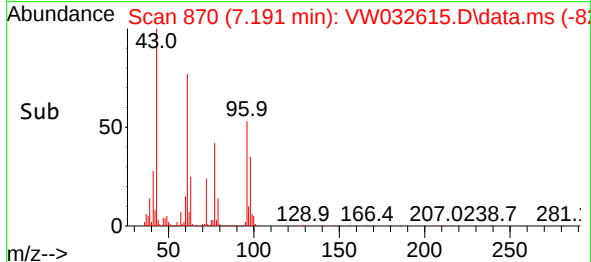
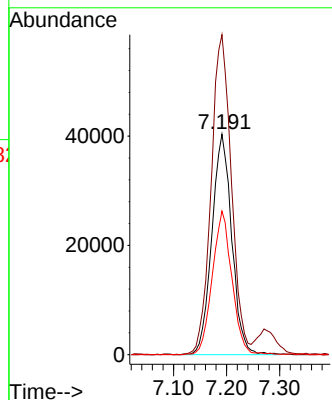
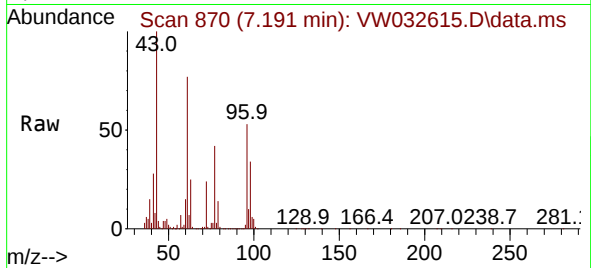


#27
 cis-1,2-Dichloroethene
 Concen: 19.735 ug/l
 RT: 7.191 min Scan# 870
 Delta R.T. 0.000 min
 Lab File: VW032615.D
 Acq: 10 Dec 2025 14:09

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC020

Tgt Ion: 96 Resp: 105307

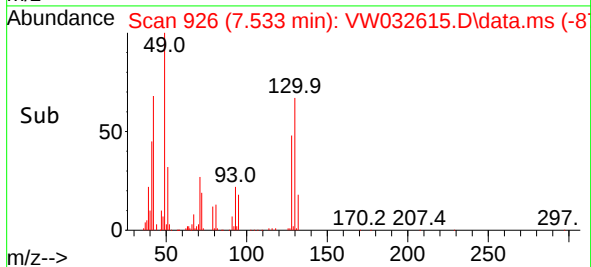
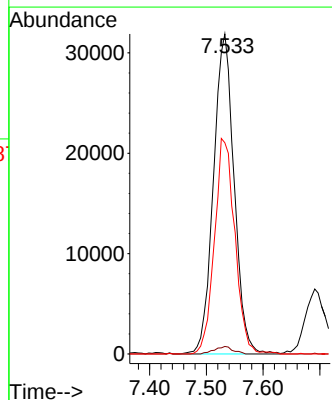
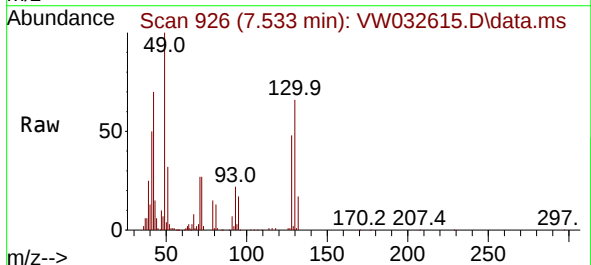
Ion	Ratio	Lower	Upper
96	100		
61	147.5	0.0	295.8
98	64.2	0.0	127.2

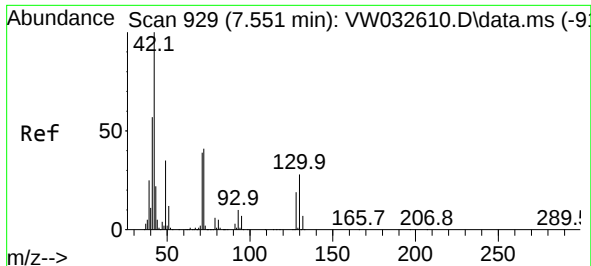


#28
 Bromochloromethane
 Concen: 22.534 ug/l
 RT: 7.533 min Scan# 926
 Delta R.T. 0.000 min
 Lab File: VW032615.D
 Acq: 10 Dec 2025 14:09

Tgt Ion: 49 Resp: 80637

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	3.6
130	66.6	53.3	79.9





#29

Tetrahydrofuran

Concen: 94.671 ug/l

RT: 7.551 min Scan# 91

Delta R.T. 0.000 min

Lab File: VW032615.D

Acq: 10 Dec 2025 14:09

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC020

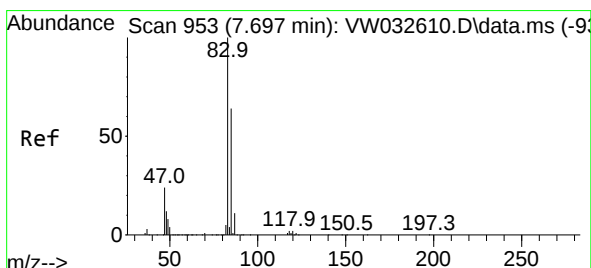
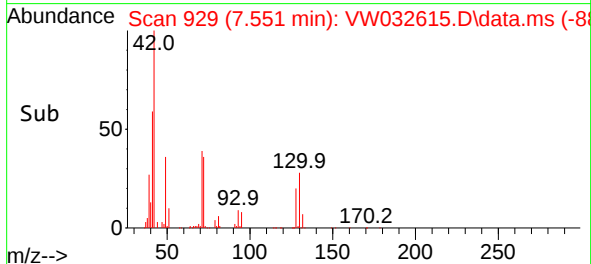
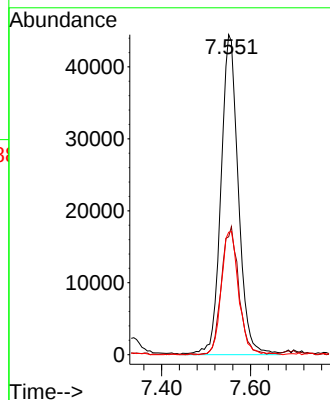
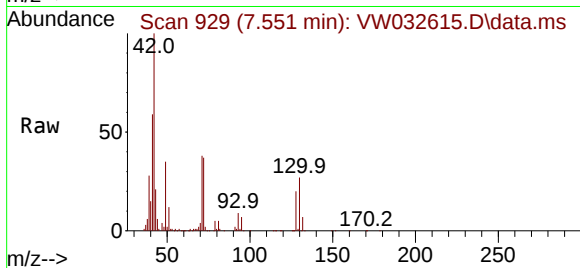
Tgt Ion: 42 Resp: 120599

Ion Ratio Lower Upper

42 100

72 39.9 33.2 49.8

71 38.6 30.7 46.1



#30

Chloroform

Concen: 19.903 ug/l

RT: 7.691 min Scan# 952

Delta R.T. -0.006 min

Lab File: VW032615.D

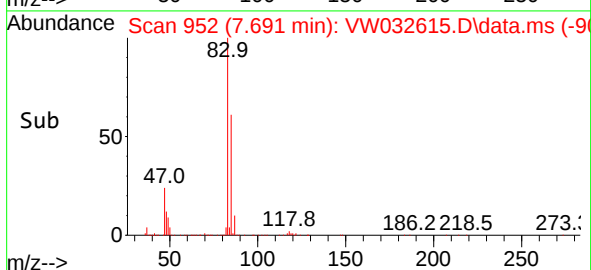
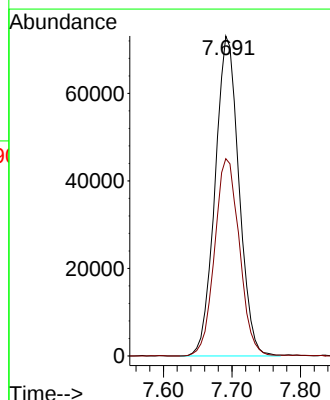
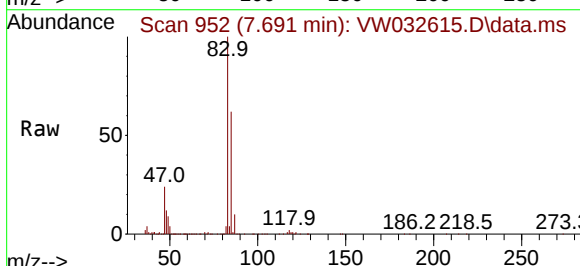
Acq: 10 Dec 2025 14:09

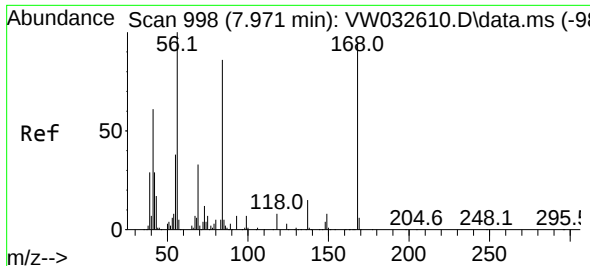
Tgt Ion: 83 Resp: 176845

Ion Ratio Lower Upper

83 100

85 61.6 51.4 77.2

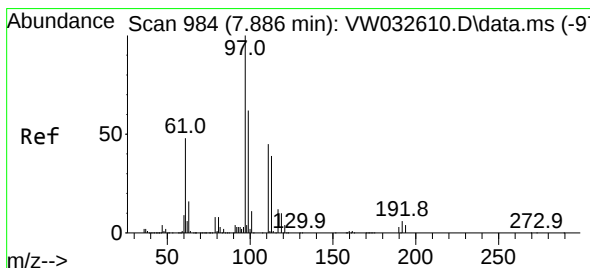
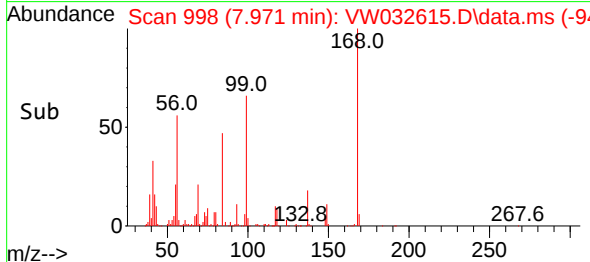
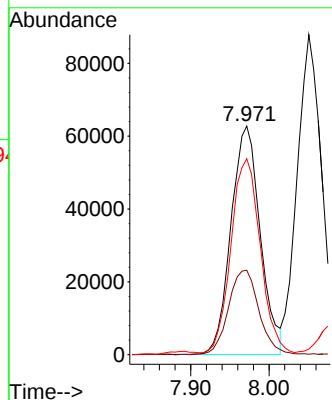
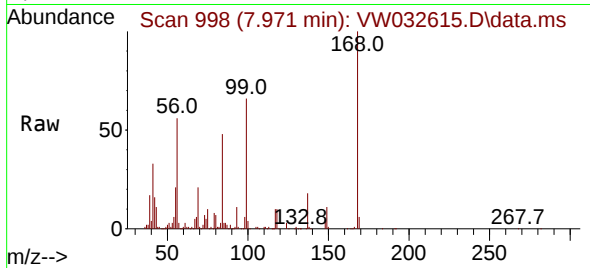




#31
Cyclohexane
Concen: 19.621 ug/l
RT: 7.971 min Scan# 998
Delta R.T. 0.000 min
Lab File: VW032615.D
Acq: 10 Dec 2025 14:09

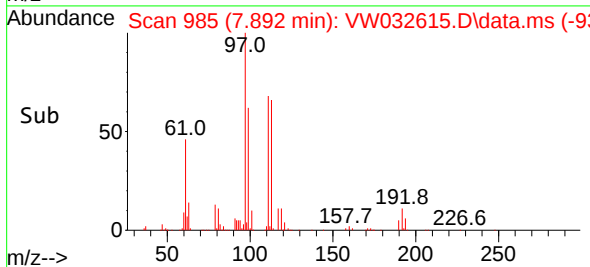
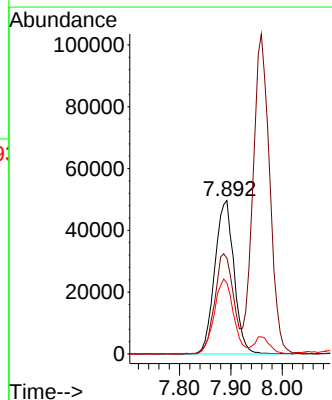
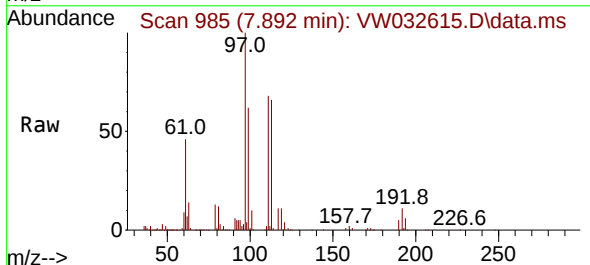
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

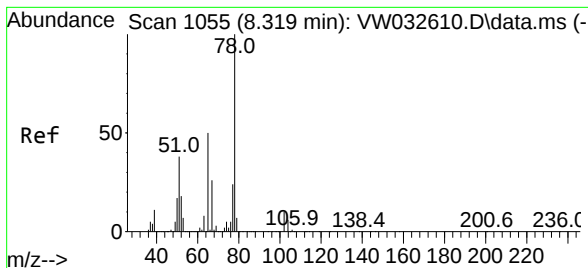
Tgt Ion: 56 Resp: 162908
Ion Ratio Lower Upper
56 100
69 36.6 26.2 39.2
84 84.2 68.9 103.3



#32
1,1,1-Trichloroethane
Concen: 19.748 ug/l
RT: 7.892 min Scan# 985
Delta R.T. 0.006 min
Lab File: VW032615.D
Acq: 10 Dec 2025 14:09

Tgt Ion: 97 Resp: 129026
Ion Ratio Lower Upper
97 100
99 62.8 50.8 76.2
61 49.0 37.8 56.8

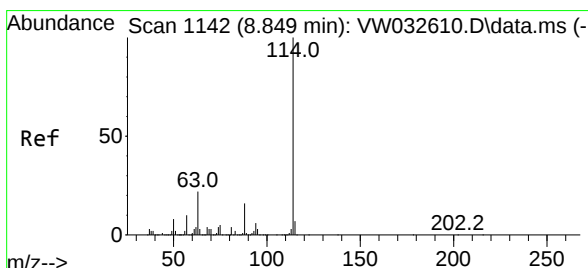
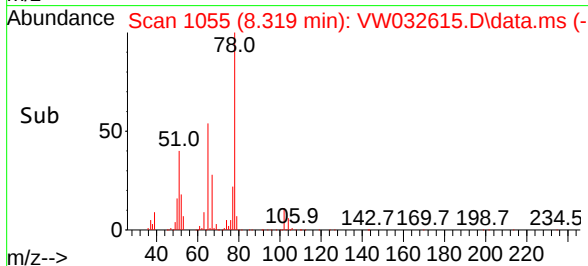
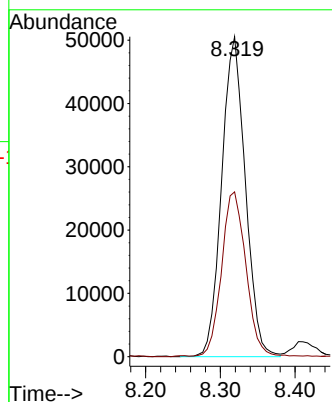
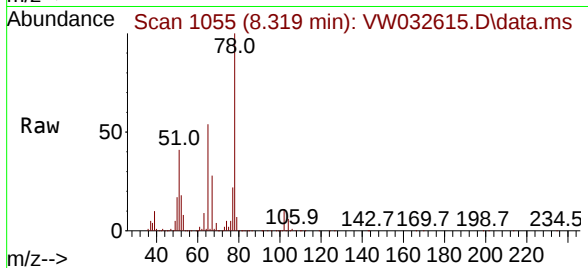




#33
1,2-Dichloroethane-d4
Concen: 22.561 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW032615.D
Acq: 10 Dec 2025 14:09

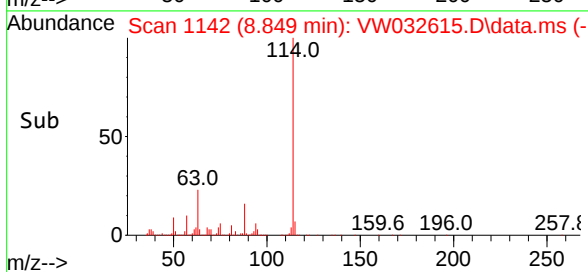
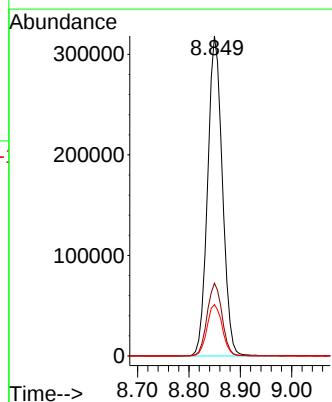
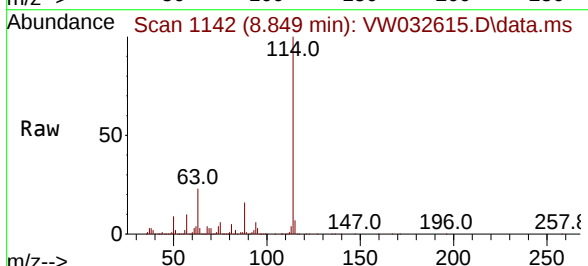
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

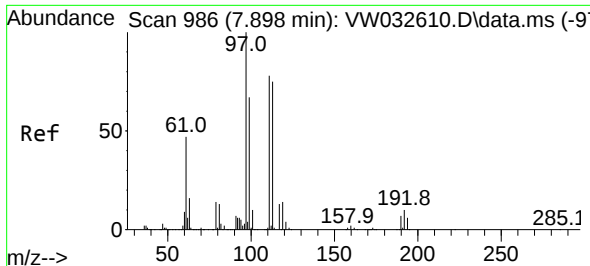
Tgt Ion: 65 Resp: 111350
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VW032615.D
Acq: 10 Dec 2025 14:09

Tgt Ion: 114 Resp: 633033
Ion Ratio Lower Upper
114 100
63 22.8 0.0 44.6
88 16.1 0.0 31.8

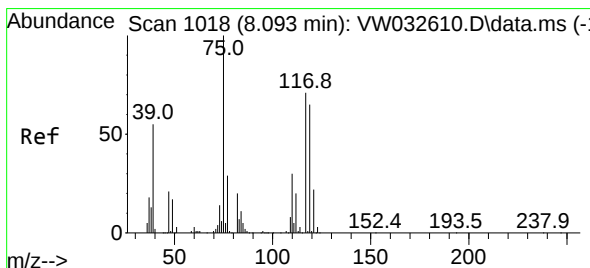
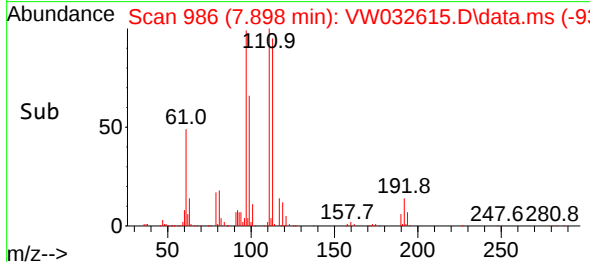
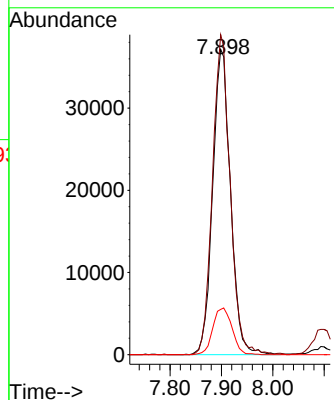
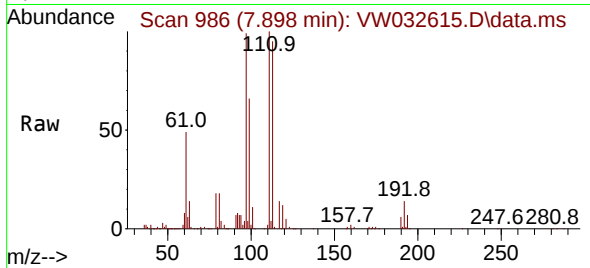




#35
Dibromofluoromethane
Concen: 21.814 ug/l
RT: 7.898 min Scan# 986
Delta R.T. 0.000 min
Lab File: VW032615.D
Acq: 10 Dec 2025 14:09

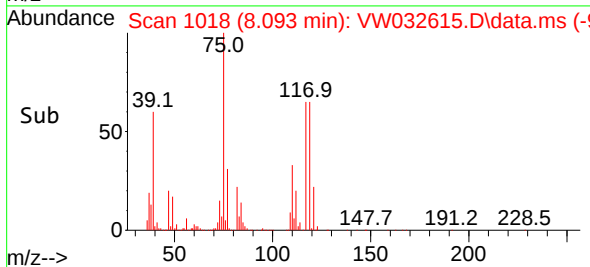
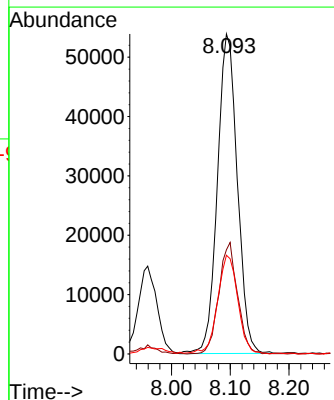
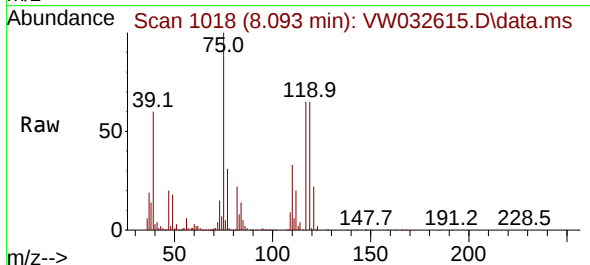
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

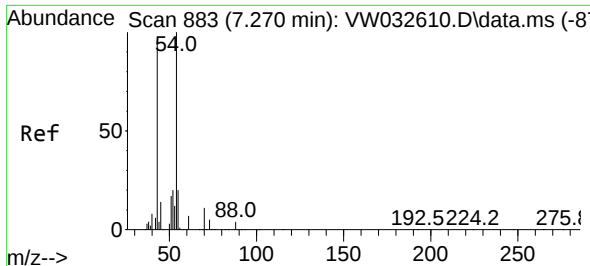
Tgt Ion:113 Resp: 89452
Ion Ratio Lower Upper
113 100
111 103.7 85.2 127.8
192 16.5 13.3 19.9



#36
1,1-Dichloropropene
Concen: 19.485 ug/l
RT: 8.093 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VW032615.D
Acq: 10 Dec 2025 14:09

Tgt Ion: 75 Resp: 126992
Ion Ratio Lower Upper
75 100
110 32.9 16.3 48.9
77 31.4 24.6 37.0

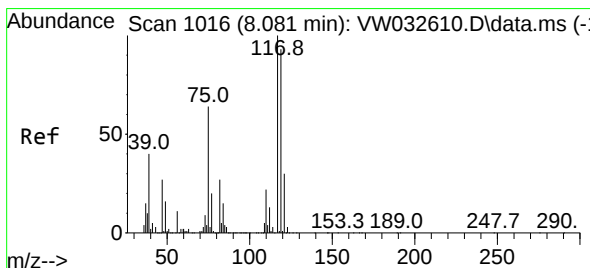
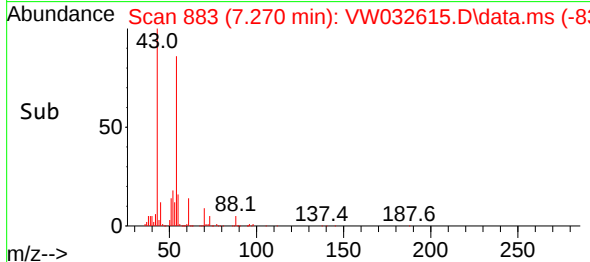
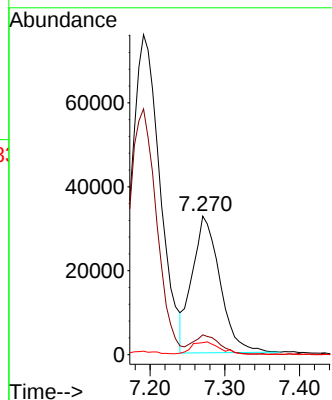
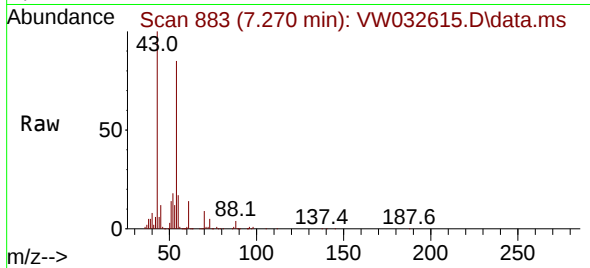




#37
Ethyl Acetate
Concen: 18.852 ug/l
RT: 7.270 min Scan# 883
Delta R.T. 0.000 min
Lab File: VW032615.D
Acq: 10 Dec 2025 14:09

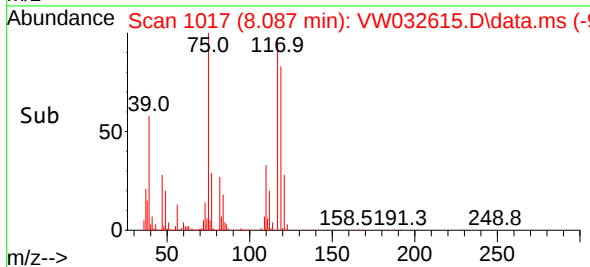
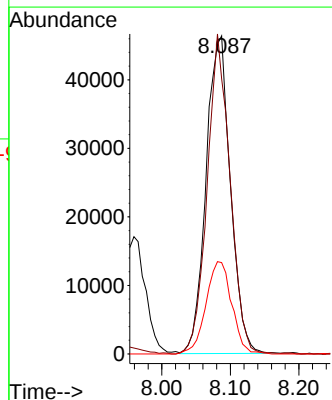
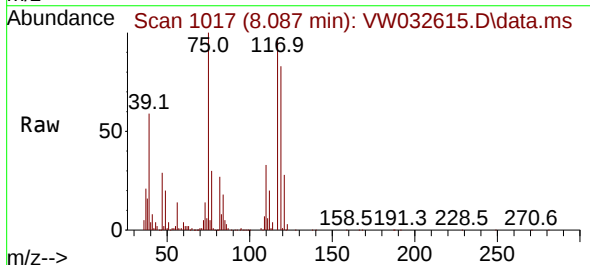
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

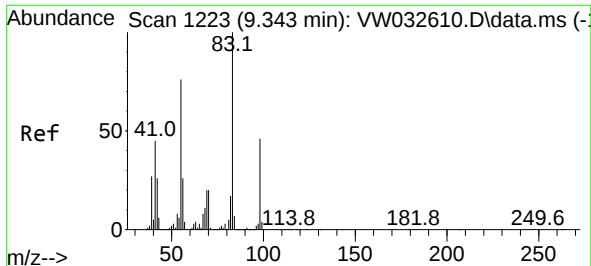
Tgt Ion: 43 Resp: 84160
Ion Ratio Lower Upper
43 100
61 13.5 10.3 15.5
70 9.3 7.7 11.5



#38
Carbon Tetrachloride
Concen: 19.009 ug/l
RT: 8.087 min Scan# 1017
Delta R.T. 0.006 min
Lab File: VW032615.D
Acq: 10 Dec 2025 14:09

Tgt Ion: 117 Resp: 114589
Ion Ratio Lower Upper
117 100
119 86.5 74.3 111.5
121 28.8 23.6 35.4





#39

Methylcyclohexane

Concen: 18.552 ug/l

RT: 9.343 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW032615.D

Acq: 10 Dec 2025 14:09

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC020

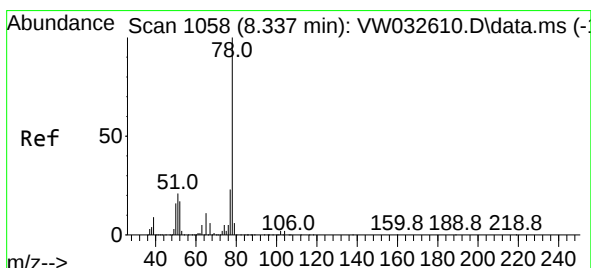
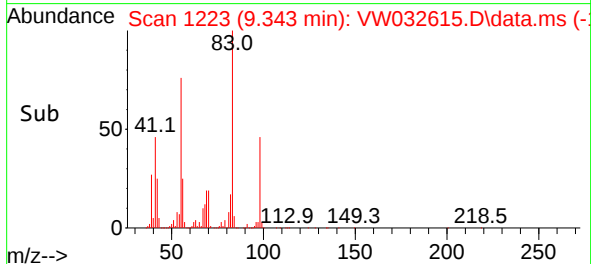
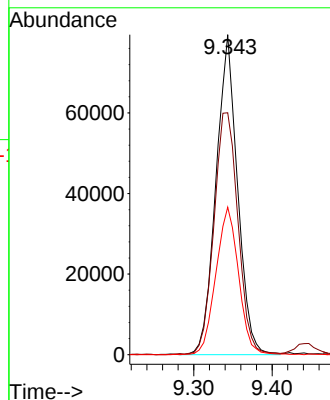
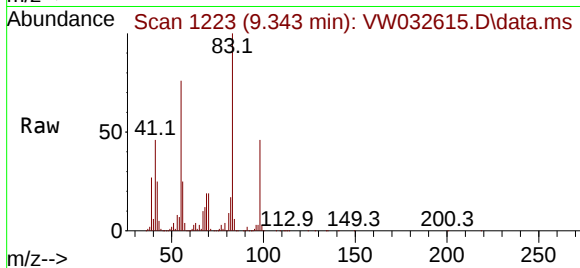
Tgt Ion: 83 Resp: 152060

Ion Ratio Lower Upper

83 100

55 75.3 61.2 91.8

98 46.0 37.0 55.4



#40

Benzene

Concen: 19.650 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VW032615.D

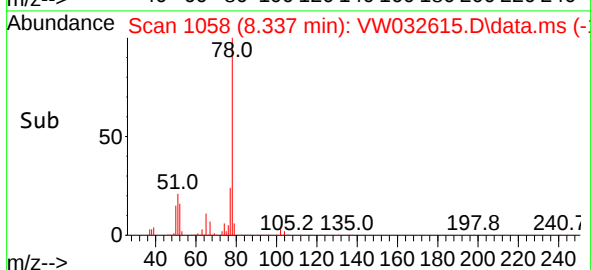
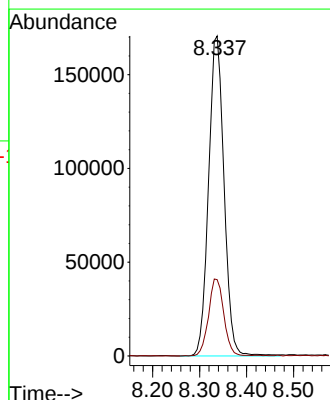
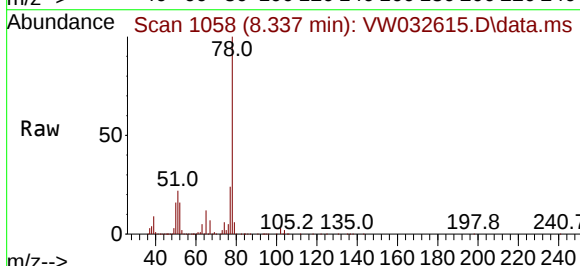
Acq: 10 Dec 2025 14:09

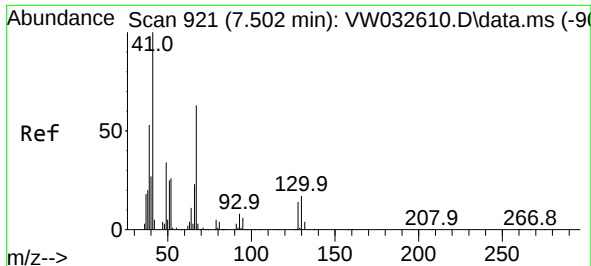
Tgt Ion: 78 Resp: 388506

Ion Ratio Lower Upper

78 100

77 23.9 18.6 28.0

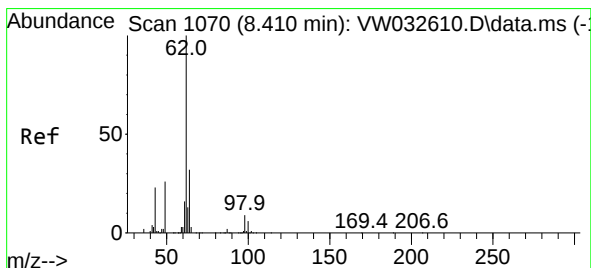
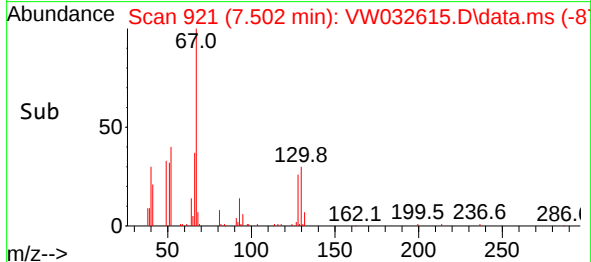
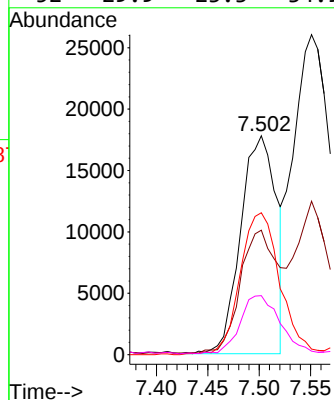
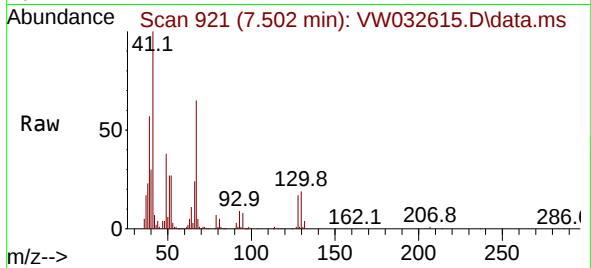




#41
Methacrylonitrile
Concen: 17.987 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW032615.D
Acq: 10 Dec 2025 14:09

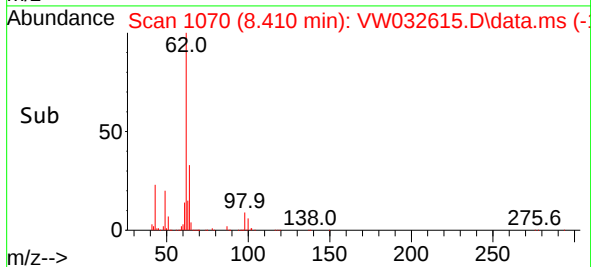
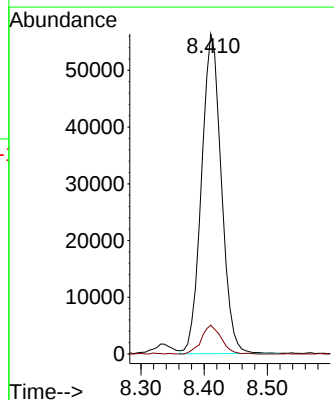
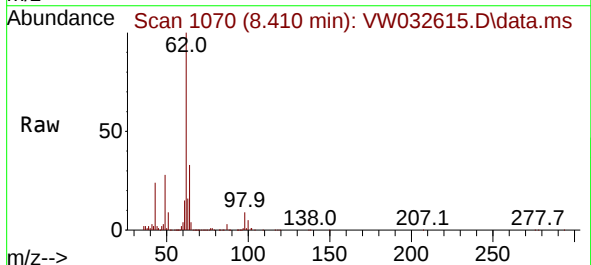
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

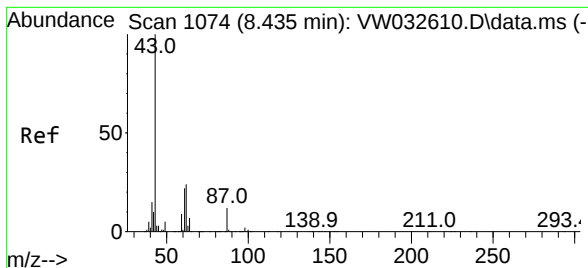
Tgt Ion:	41	Resp:	42918
Ion	Ratio	Lower	Upper
41	100		
39	62.6	47.3	70.9
67	72.7	55.9	83.9
52	29.9	23.3	34.9



#42
1,2-Dichloroethane
Concen: 19.569 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW032615.D
Acq: 10 Dec 2025 14:09

Tgt Ion:	62	Resp:	123190
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.8





#43

Isopropyl Acetate

Concen: 18.407 ug/l

RT: 8.435 min Scan# 1074

Delta R.T. 0.000 min

Lab File: VW032615.D

Acq: 10 Dec 2025 14:09

Instrument :

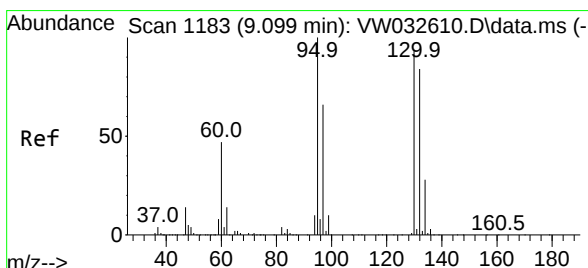
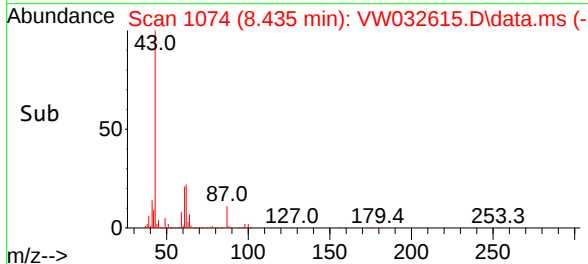
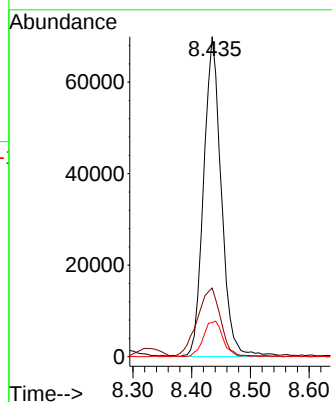
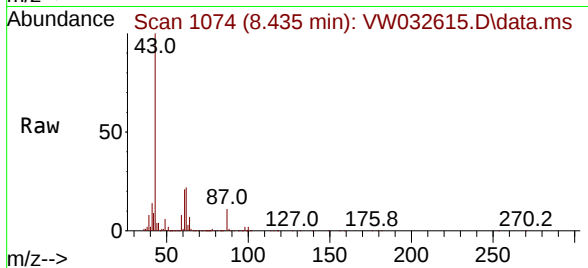
MSVOA_W

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 145732

Ion	Ratio	Lower	Upper
43	100		
61	27.7	22.7	34.1
87	12.3	9.6	14.4



#44

Trichloroethene

Concen: 19.132 ug/l

RT: 9.099 min Scan# 1183

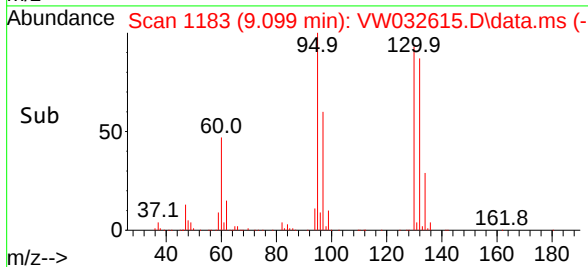
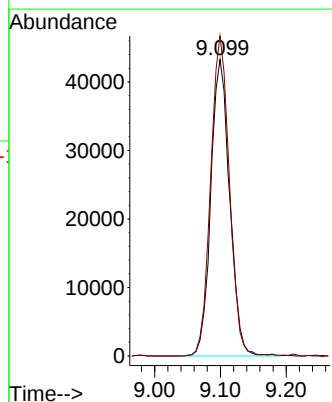
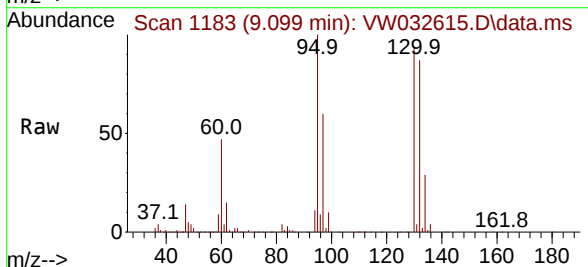
Delta R.T. 0.000 min

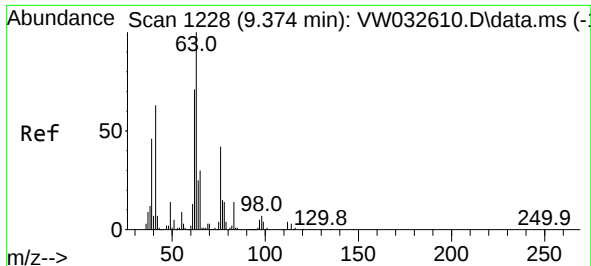
Lab File: VW032615.D

Acq: 10 Dec 2025 14:09

Tgt Ion:130 Resp: 86370

Ion	Ratio	Lower	Upper
130	100		
95	107.9	0.0	215.6





#45

1,2-Dichloropropane

Concen: 19.722 ug/l

RT: 9.374 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VW032615.D

Acq: 10 Dec 2025 14:09

Instrument :

MSVOA_W

ClientSampleId :

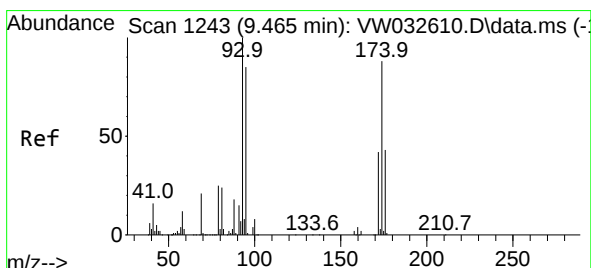
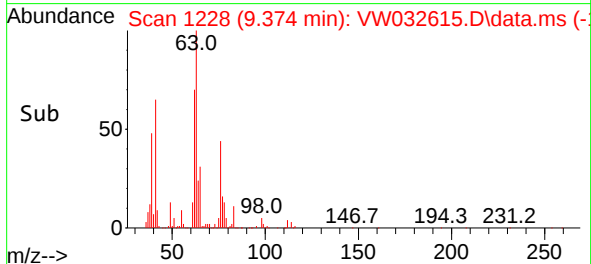
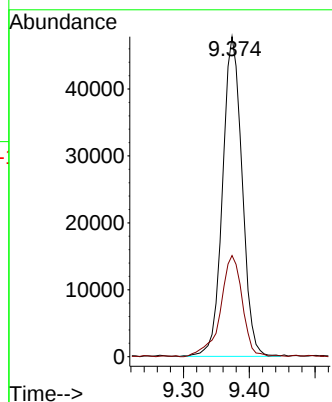
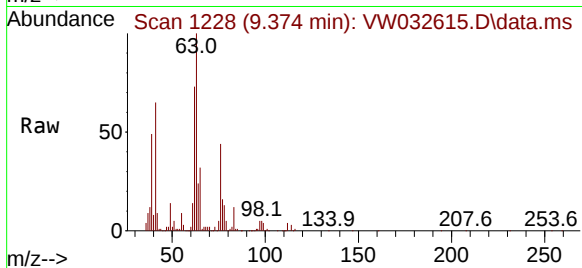
VSTDICC020

Tgt Ion: 63 Resp: 98669

Ion Ratio Lower Upper

63 100

65 31.6 23.8 35.6



#46

Dibromomethane

Concen: 19.256 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VW032615.D

Acq: 10 Dec 2025 14:09

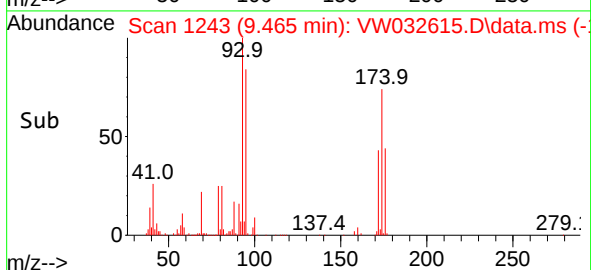
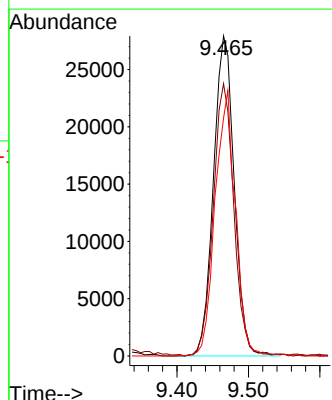
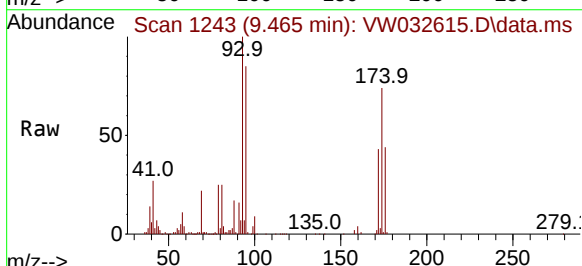
Tgt Ion: 93 Resp: 56442

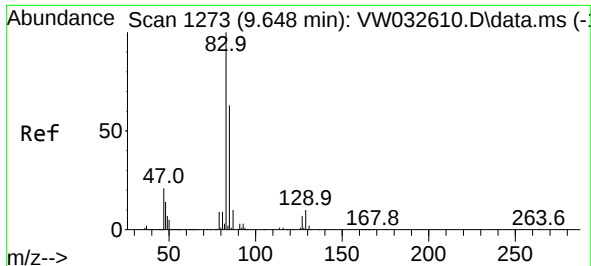
Ion Ratio Lower Upper

93 100

95 84.9 67.0 100.4

174 81.4 67.6 101.4

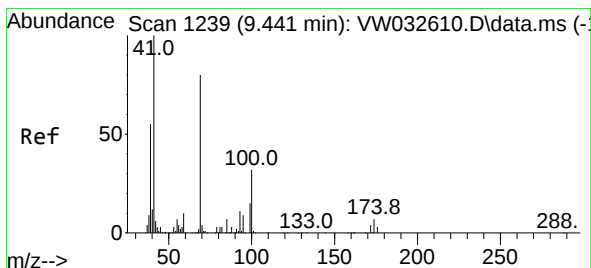
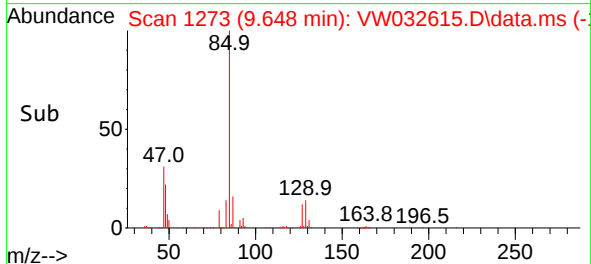
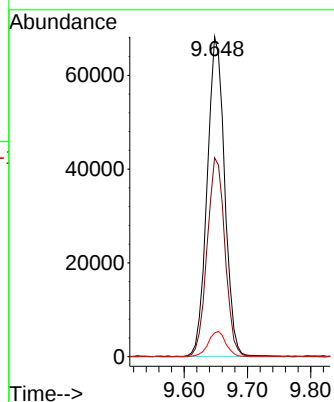
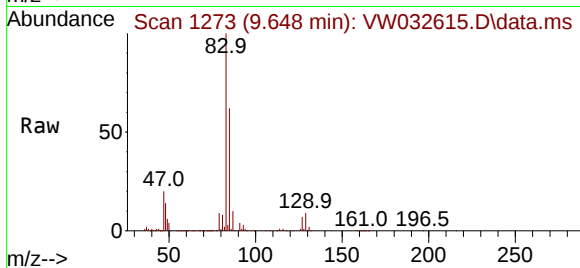




#47
Bromodichloromethane
Concen: 19.178 ug/l
RT: 9.648 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VW032615.D
Acq: 10 Dec 2025 14:09

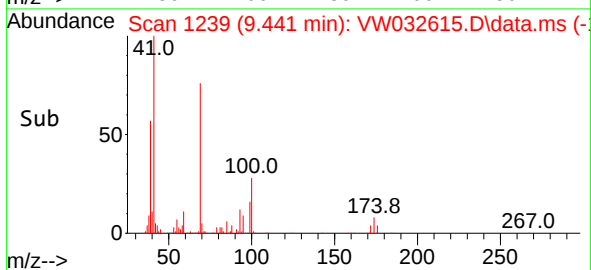
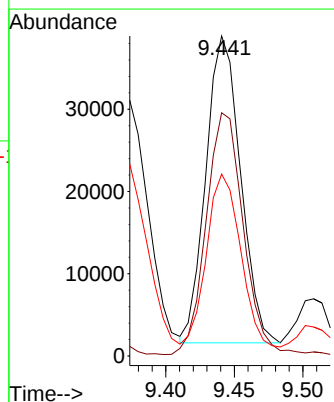
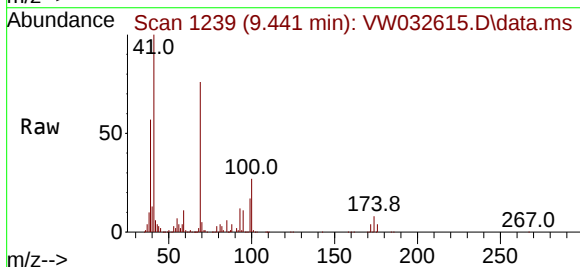
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

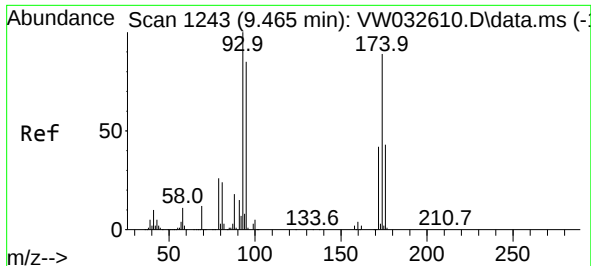
Tgt Ion: 83 Resp: 130758
Ion Ratio Lower Upper
83 100
85 62.2 50.7 76.1
127 7.4 6.0 9.0



#48
Methyl methacrylate
Concen: 17.544 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW032615.D
Acq: 10 Dec 2025 14:09

Tgt Ion: 41 Resp: 65560
Ion Ratio Lower Upper
41 100
69 86.7 67.9 101.9
39 55.7 43.8 65.8

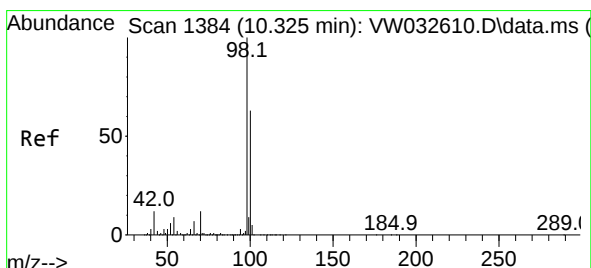
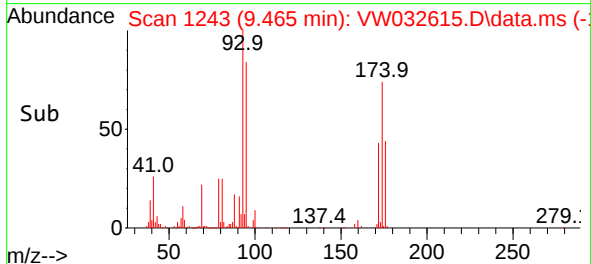
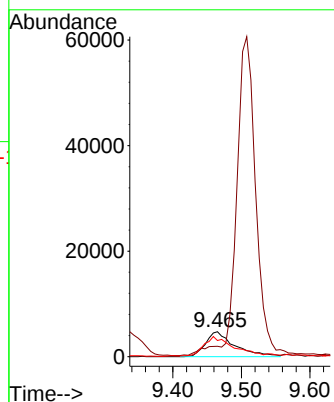
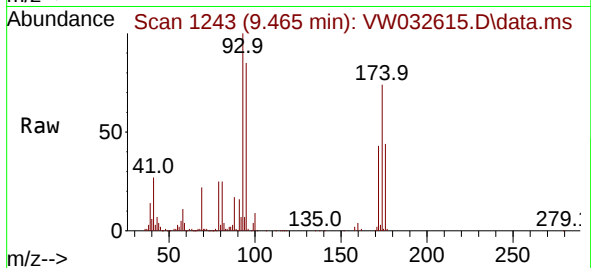




#49
1,4-Dioxane
Concen: 356.844 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VW032615.D
Acq: 10 Dec 2025 14:09

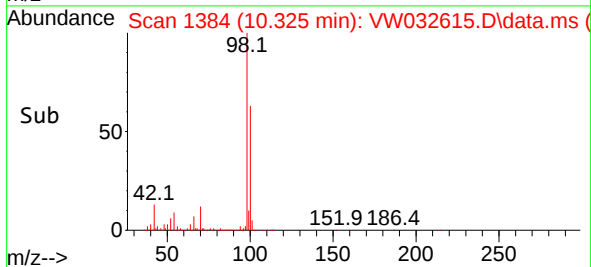
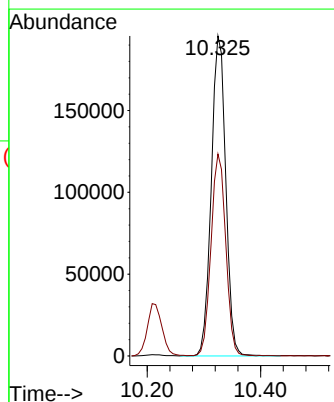
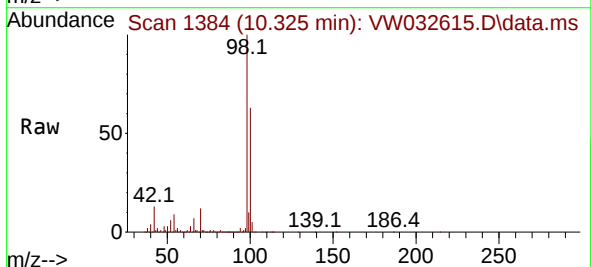
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

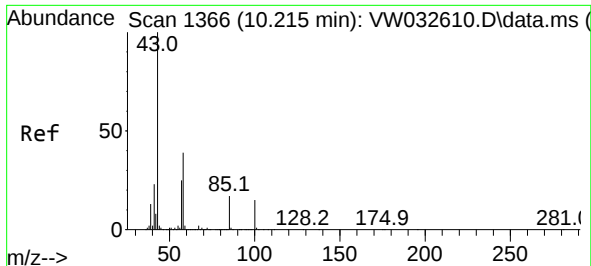
Tgt Ion: 88 Resp: 14032
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 77.3 63.8 95.8



#50
Toluene-d8
Concen: 21.321 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VW032615.D
Acq: 10 Dec 2025 14:09

Tgt Ion: 98 Resp: 346384
Ion Ratio Lower Upper
98 100
100 63.9 52.2 78.2

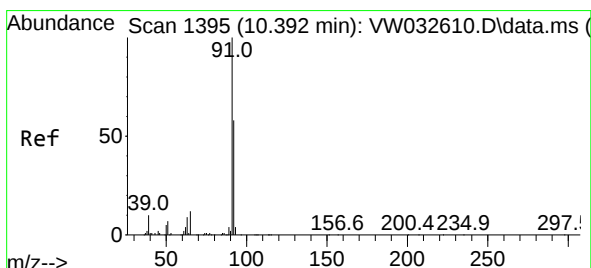
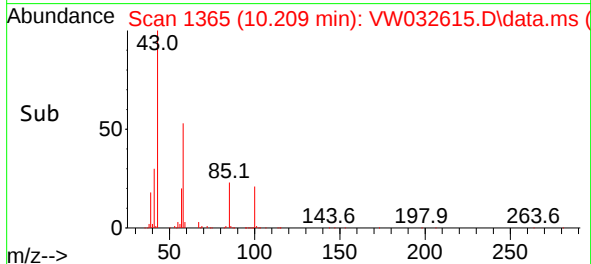
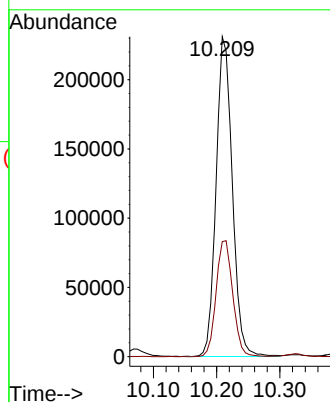
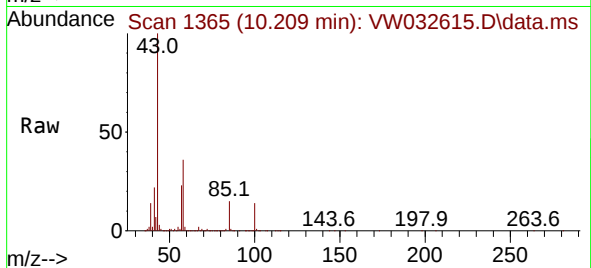




#51
4-Methyl-2-Pentanone
Concen: 92.980 ug/l
RT: 10.209 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032615.D
Acq: 10 Dec 2025 14:09

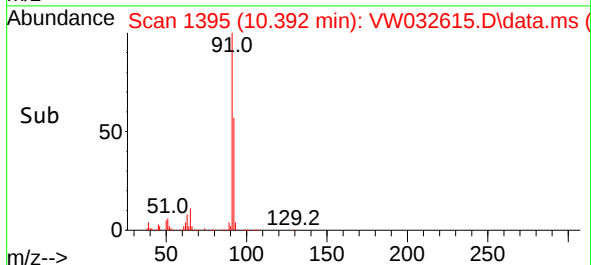
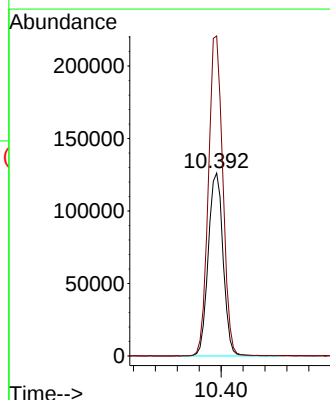
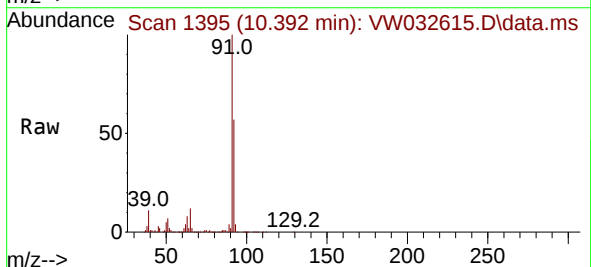
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

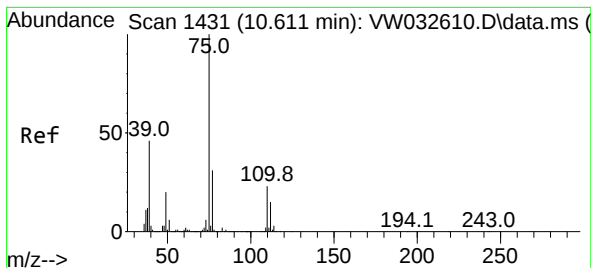
Tgt Ion: 43 Resp: 410418
Ion Ratio Lower Upper
43 100
58 37.3 30.6 45.8



#52
Toluene
Concen: 19.323 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW032615.D
Acq: 10 Dec 2025 14:09

Tgt Ion: 92 Resp: 235052
Ion Ratio Lower Upper
92 100
91 170.8 137.6 206.4

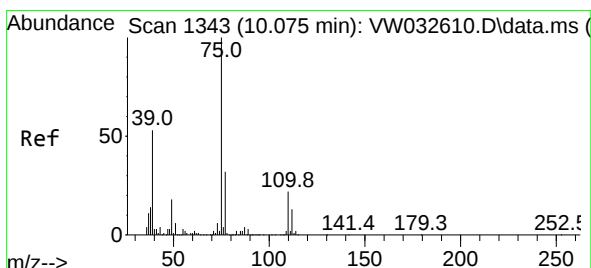
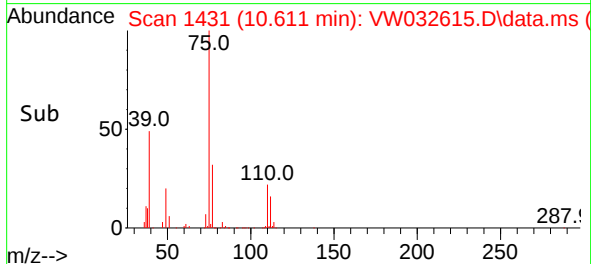
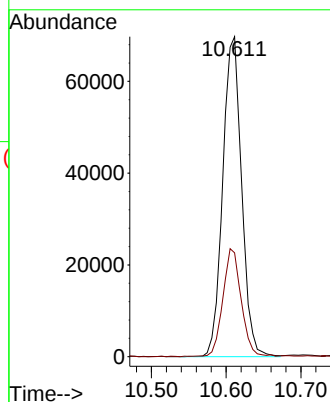
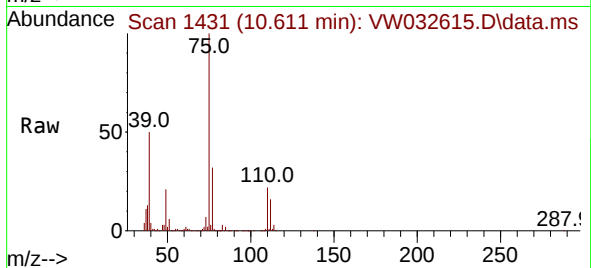




#53
t-1,3-Dichloropropene
Concen: 18.215 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VW032615.D
Acq: 10 Dec 2025 14:09

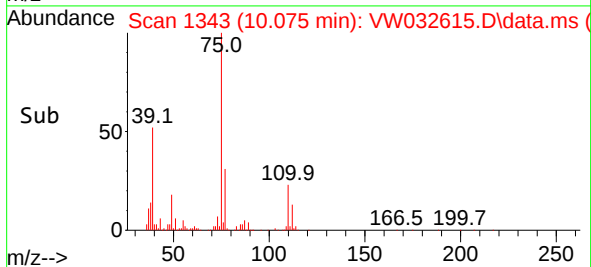
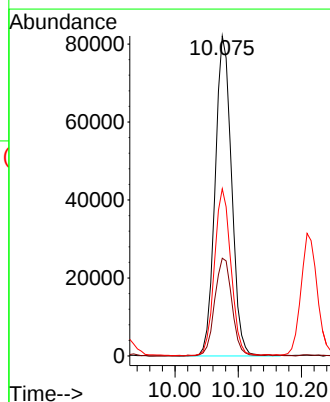
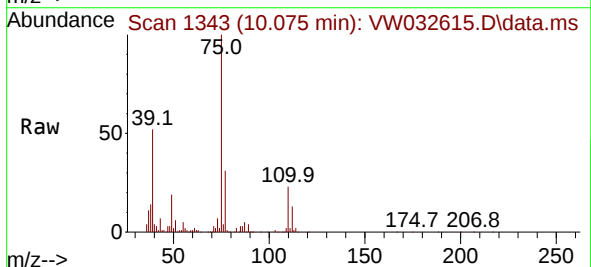
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

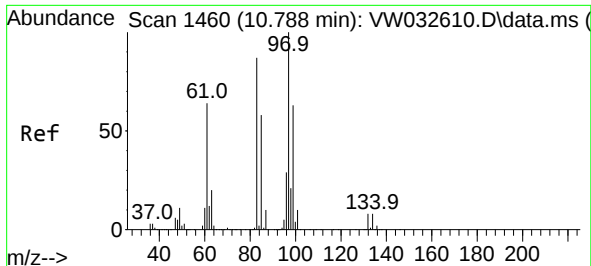
Tgt Ion: 75 Resp: 122453
Ion Ratio Lower Upper
75 100
77 32.4 24.6 36.8



#54
cis-1,3-Dichloropropene
Concen: 19.100 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VW032615.D
Acq: 10 Dec 2025 14:09

Tgt Ion: 75 Resp: 148069
Ion Ratio Lower Upper
75 100
77 30.6 26.0 39.0
39 52.0 42.5 63.7

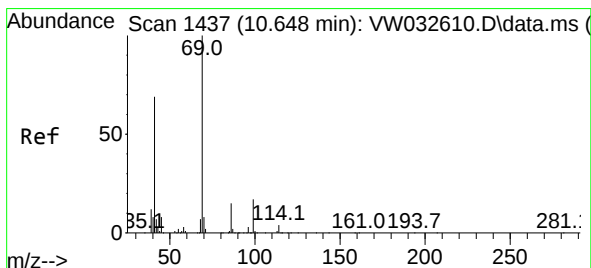
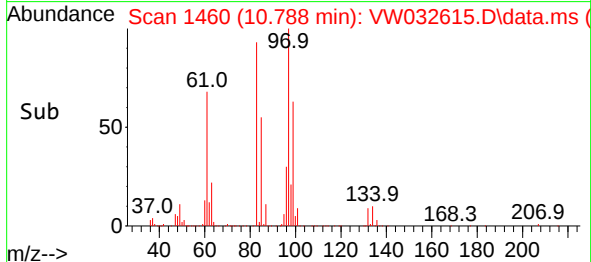
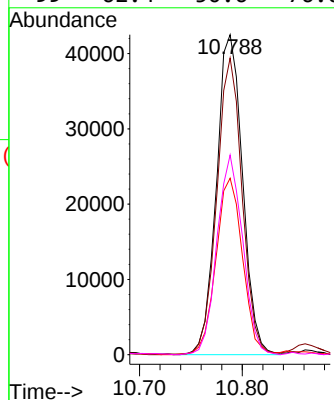
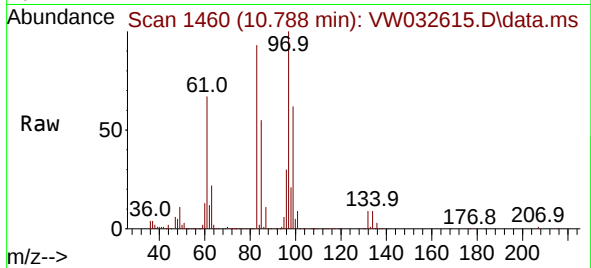




#55
1,1,2-Trichloroethane
Concen: 19.078 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW032615.D
Acq: 10 Dec 2025 14:09

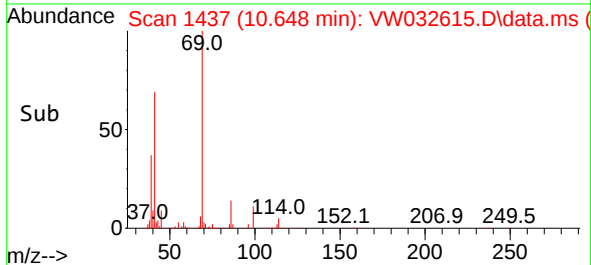
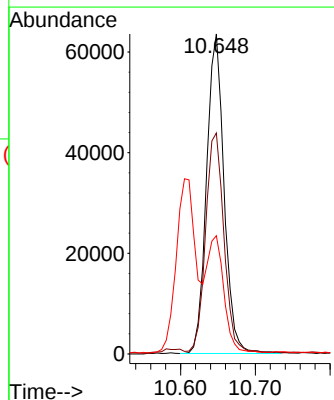
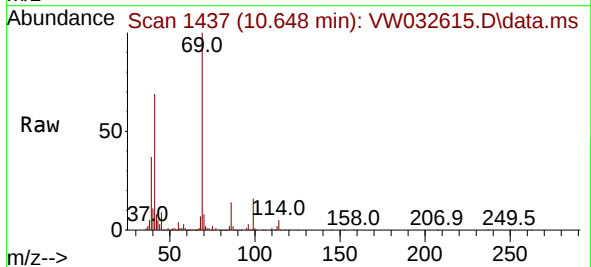
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

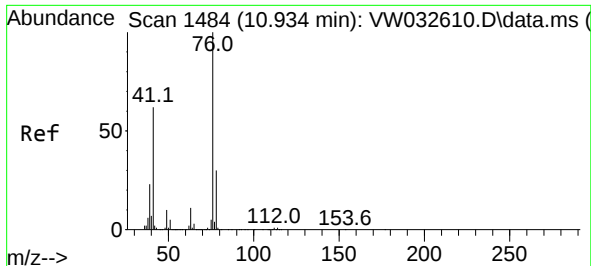
Tgt Ion:	97	Resp:	75030
Ion	Ratio	Lower	Upper
97	100		
83	92.5	69.3	103.9
85	54.9	46.1	69.1
99	62.4	50.6	76.0



#56
Ethyl methacrylate
Concen: 18.219 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW032615.D
Acq: 10 Dec 2025 14:09

Tgt Ion:	69	Resp:	103443
Ion	Ratio	Lower	Upper
69	100		
41	72.1	57.0	85.6
39	34.4	27.2	40.8





#57

1,3-Dichloropropane

Concen: 18.799 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW032615.D

Acq: 10 Dec 2025 14:09

Instrument :

MSVOA_W

ClientSampleId :

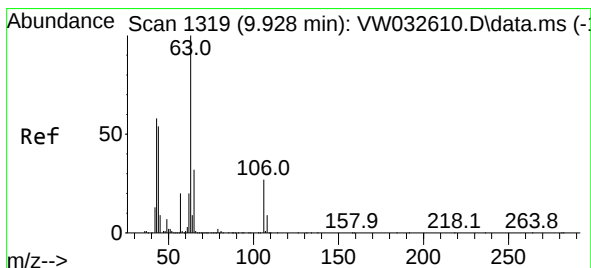
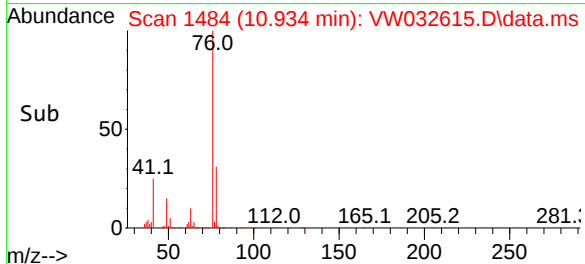
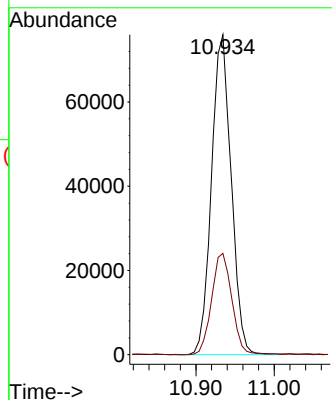
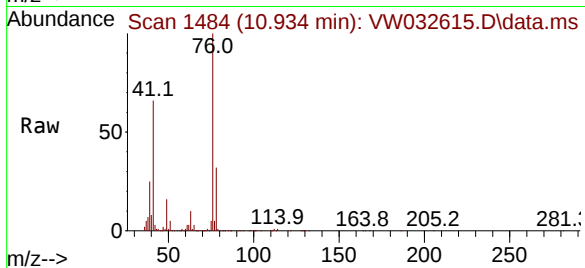
VSTDIC020

Tgt Ion: 76 Resp: 132795

Ion Ratio Lower Upper

76 100

78 32.6 25.2 37.8



#58

2-Chloroethyl Vinyl ether

Concen: 192.247 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW032615.D

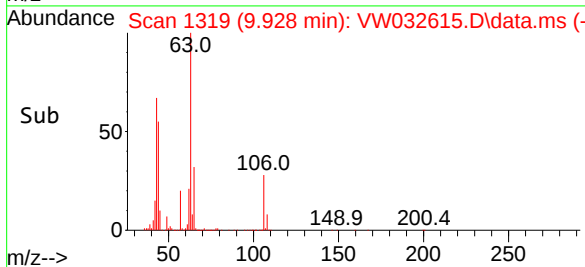
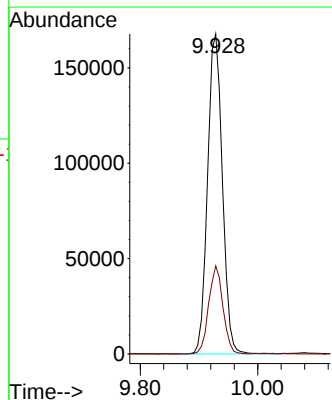
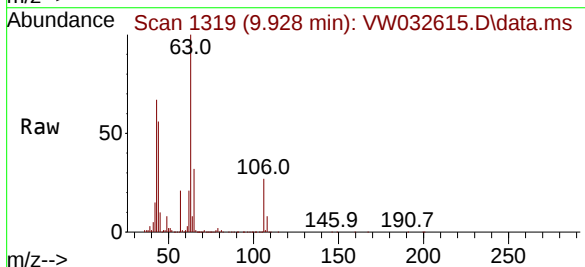
Acq: 10 Dec 2025 14:09

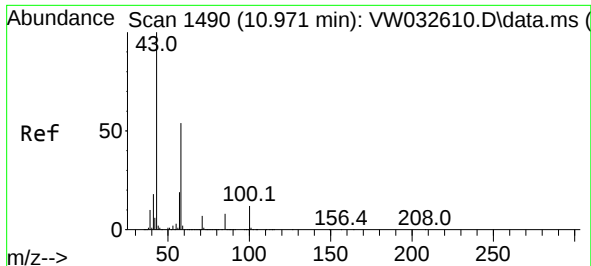
Tgt Ion: 63 Resp: 293615

Ion Ratio Lower Upper

63 100

106 26.5 21.3 31.9

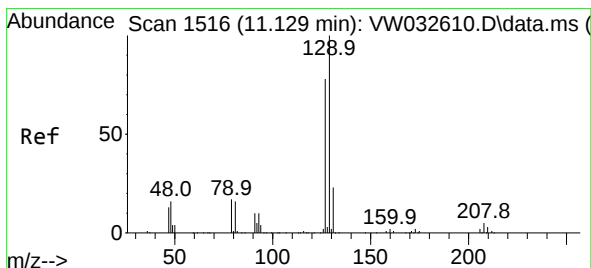
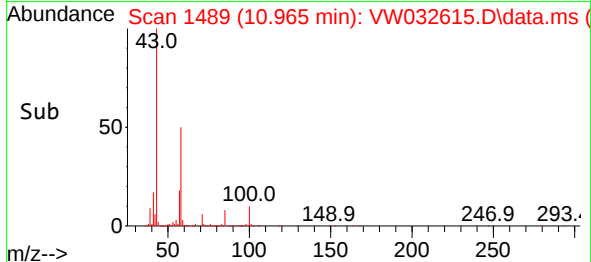
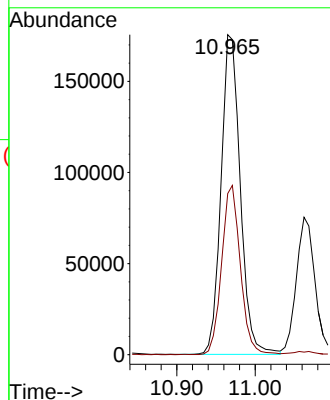
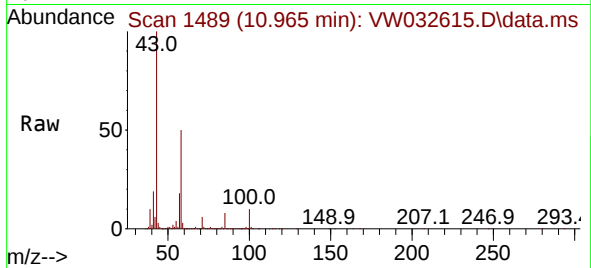




#59
2-Hexanone
Concen: 93.763 ug/l
RT: 10.965 min Scan# 1490
Delta R.T. -0.006 min
Lab File: VW032615.D
Acq: 10 Dec 2025 14:09

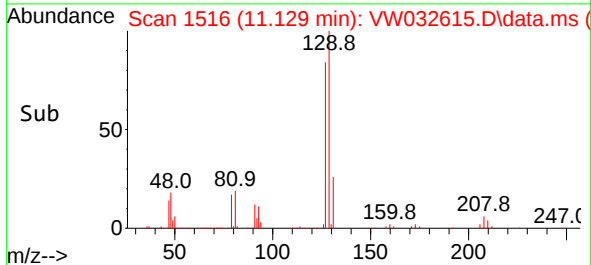
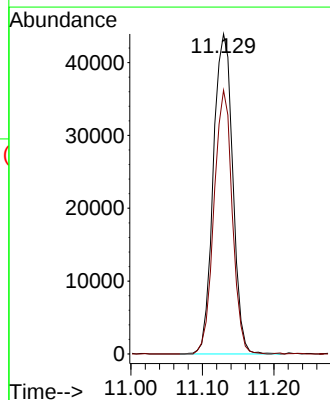
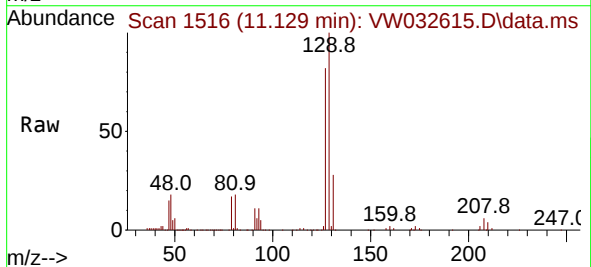
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

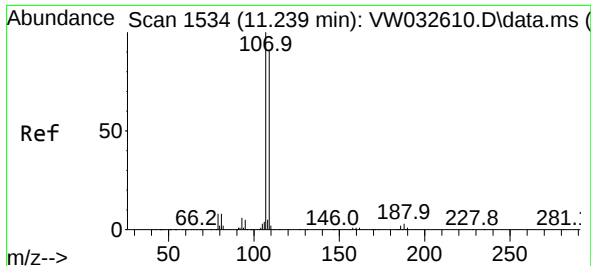
Tgt Ion: 43 Resp: 299754
Ion Ratio Lower Upper
43 100
58 51.4 26.3 78.9



#60
Dibromochloromethane
Concen: 18.865 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW032615.D
Acq: 10 Dec 2025 14:09

Tgt Ion: 129 Resp: 82640
Ion Ratio Lower Upper
129 100
127 77.8 37.2 111.6

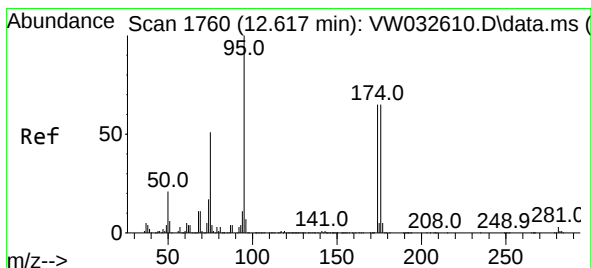
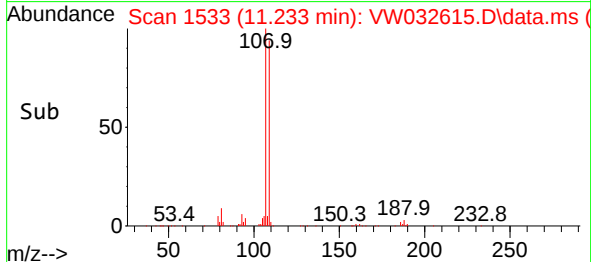
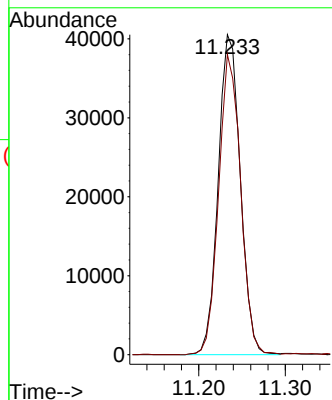
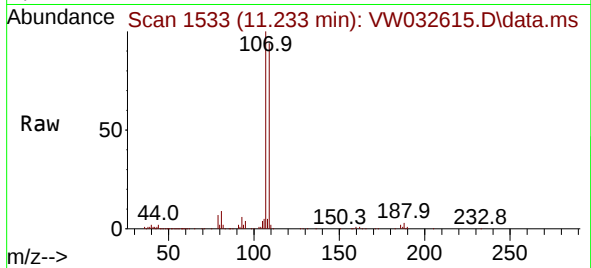




#61
1,2-Dibromoethane
Concen: 18.897 ug/l
RT: 11.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032615.D
Acq: 10 Dec 2025 14:09

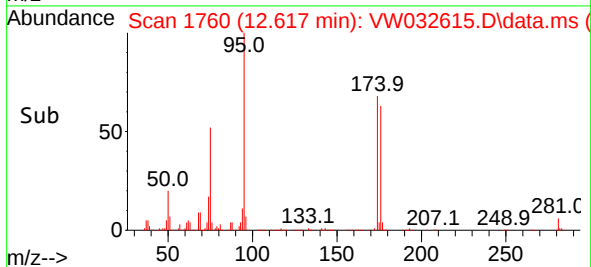
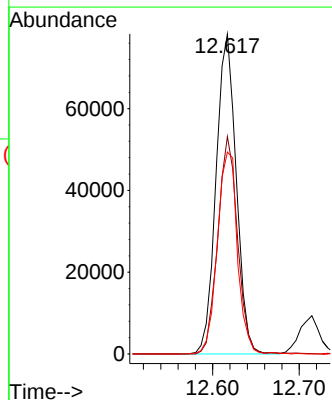
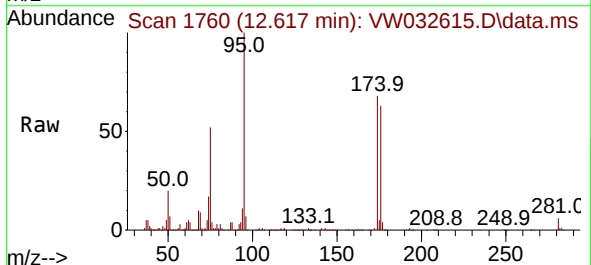
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

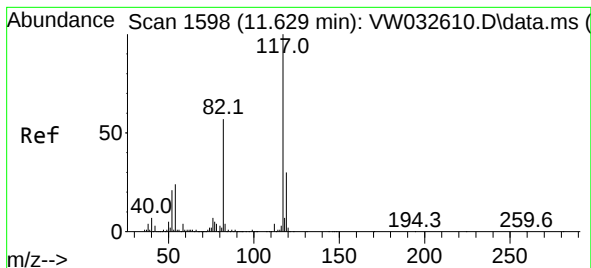
Tgt Ion:107 Resp: 71866
Ion Ratio Lower Upper
107 100
109 93.5 73.0 109.4



#62
4-Bromofluorobenzene
Concen: 21.228 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032615.D
Acq: 10 Dec 2025 14:09

Tgt Ion: 95 Resp: 126618
Ion Ratio Lower Upper
95 100
174 66.2 0.0 135.0
176 62.9 0.0 123.4

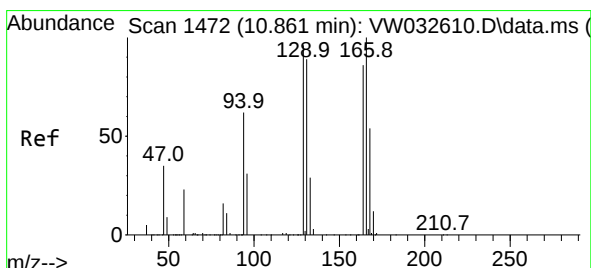
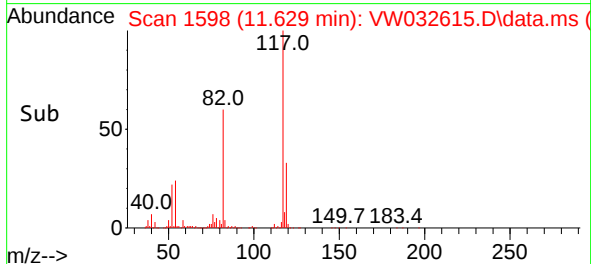
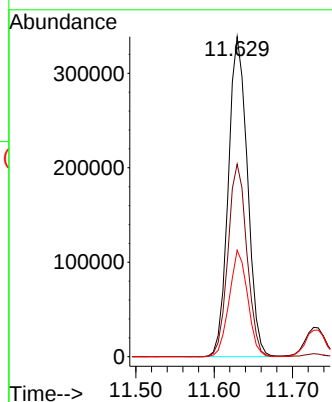
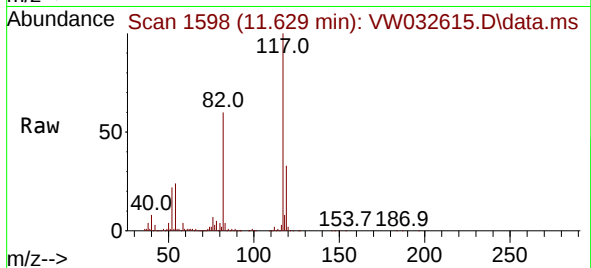




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032615.D
Acq: 10 Dec 2025 14:09

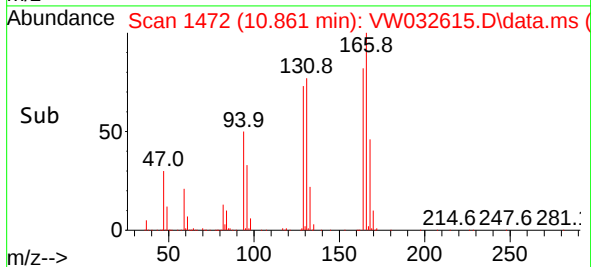
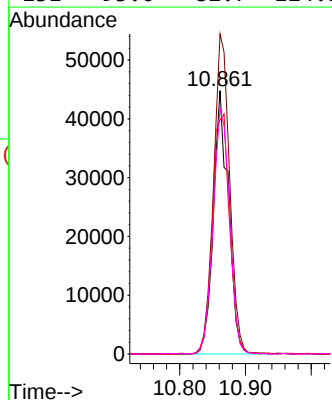
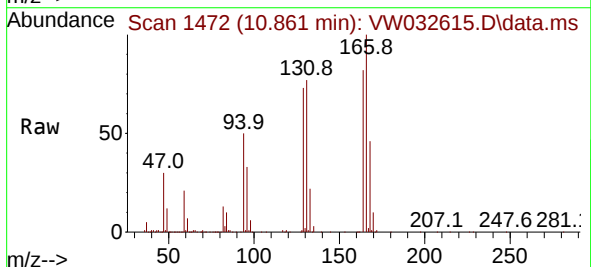
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

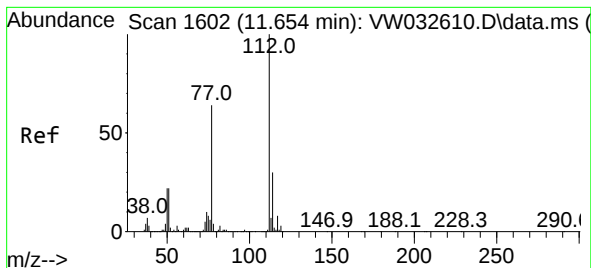
Tgt Ion:117 Resp: 574359
Ion Ratio Lower Upper
117 100
82 60.2 45.5 68.3
119 33.2 23.8 35.8



#64
Tetrachloroethene
Concen: 19.552 ug/l
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW032615.D
Acq: 10 Dec 2025 14:09

Tgt Ion:164 Resp: 72003
Ion Ratio Lower Upper
164 100
166 121.5 93.0 139.6
129 88.8 89.2 133.8#
131 93.0 82.7 124.1





#65

Chlorobenzene

Concen: 19.363 ug/l

RT: 11.654 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032615.D

Acq: 10 Dec 2025 14:09

Instrument :

MSVOA_W

ClientSampleId :

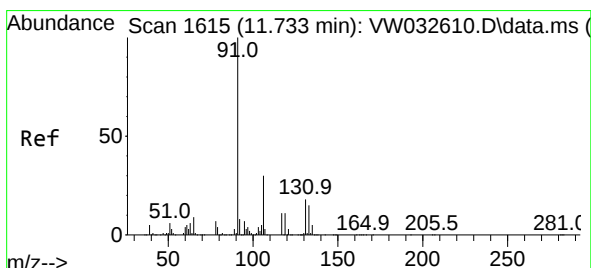
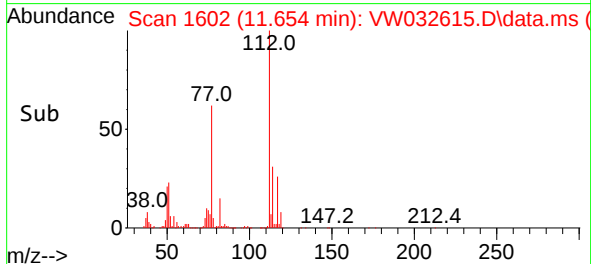
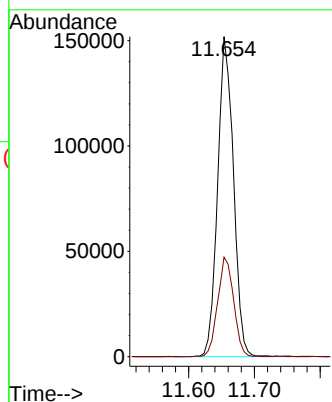
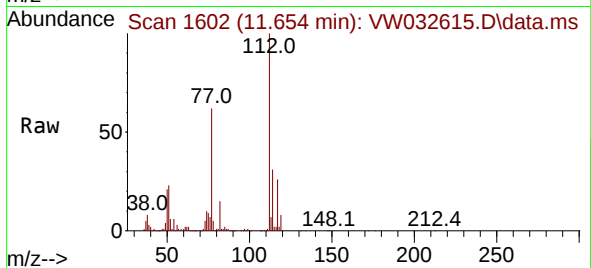
VSTDICC020

Tgt Ion:112 Resp: 253945

Ion Ratio Lower Upper

112 100

114 31.1 23.8 35.8



#66

1,1,1,2-Tetrachloroethane

Concen: 19.199 ug/l

RT: 11.733 min Scan# 1615

Delta R.T. 0.000 min

Lab File: VW032615.D

Acq: 10 Dec 2025 14:09

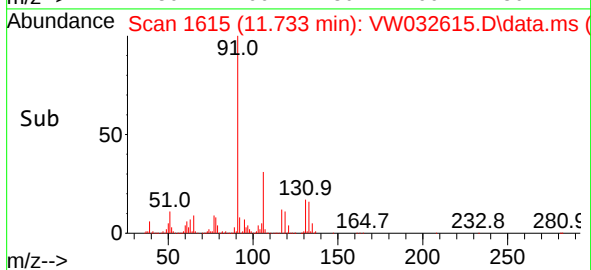
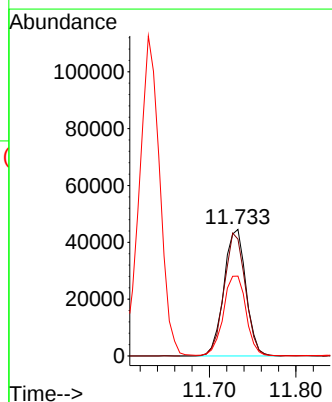
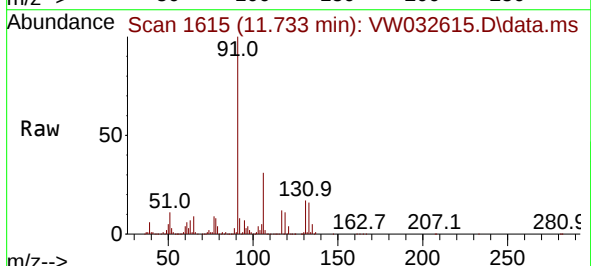
Tgt Ion:131 Resp: 78631

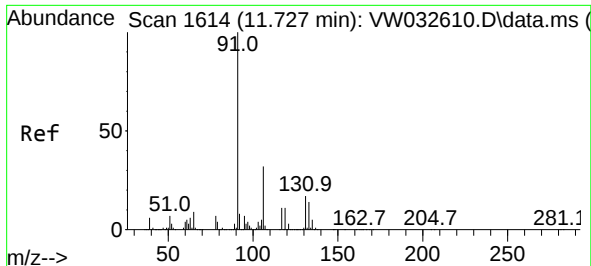
Ion Ratio Lower Upper

131 100

133 94.6 44.0 132.1

119 64.9 32.0 96.2





#67

Ethyl Benzene

Concen: 19.333 ug/l

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032615.D

Acq: 10 Dec 2025 14:09

Instrument :

MSVOA_W

ClientSampleId :

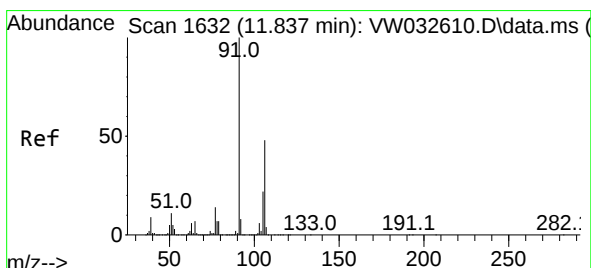
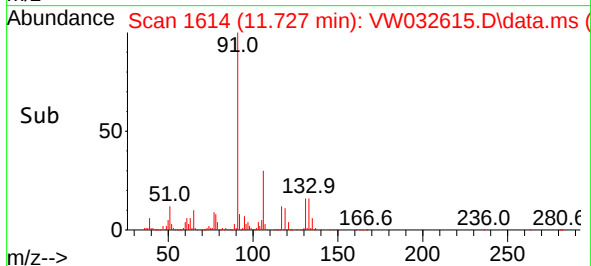
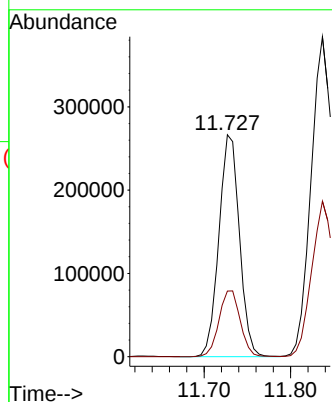
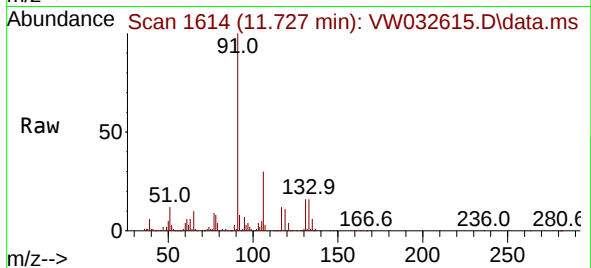
VSTDIC020

Tgt Ion: 91 Resp: 438210

Ion Ratio Lower Upper

91 100

106 29.6 25.8 38.6



#68

m/p-Xylenes

Concen: 38.885 ug/l

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW032615.D

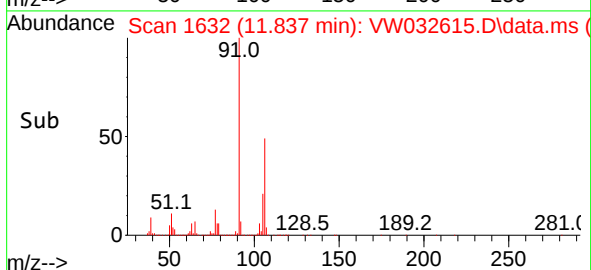
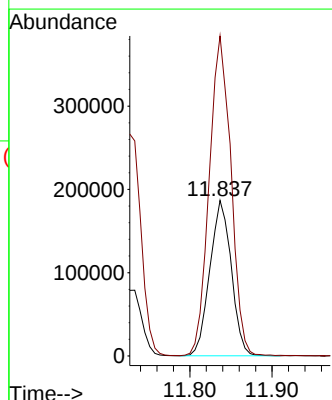
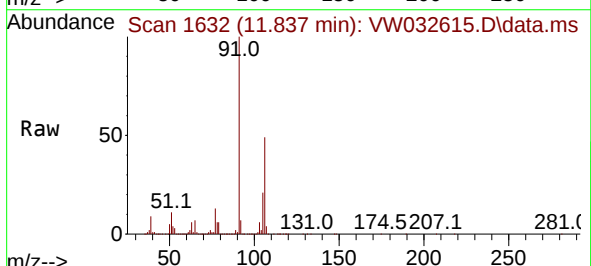
Acq: 10 Dec 2025 14:09

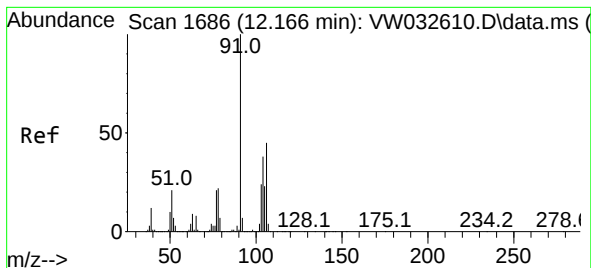
Tgt Ion:106 Resp: 338246

Ion Ratio Lower Upper

106 100

91 209.2 165.6 248.4

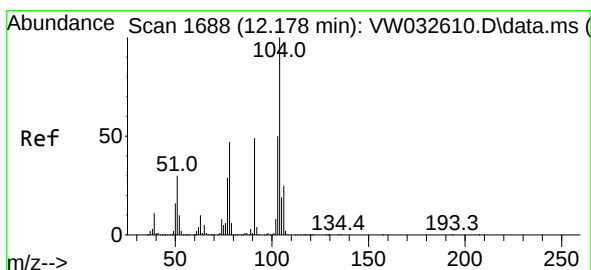
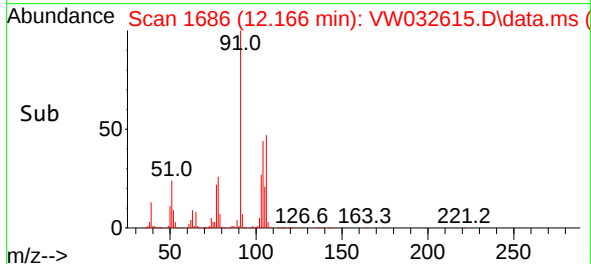
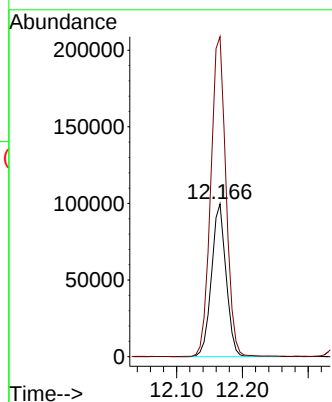
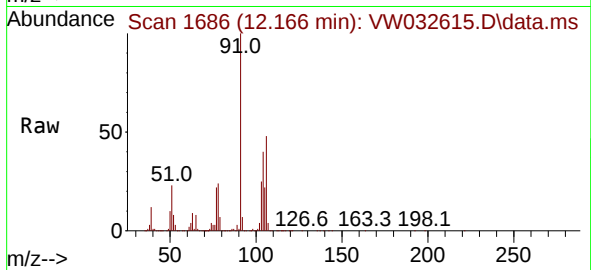




#69
o-Xylene
Concen: 19.172 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW032615.D
Acq: 10 Dec 2025 14:09

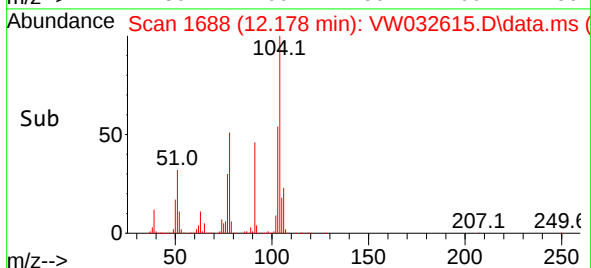
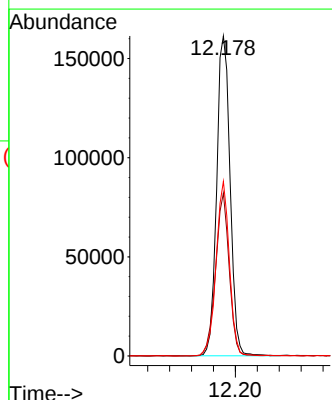
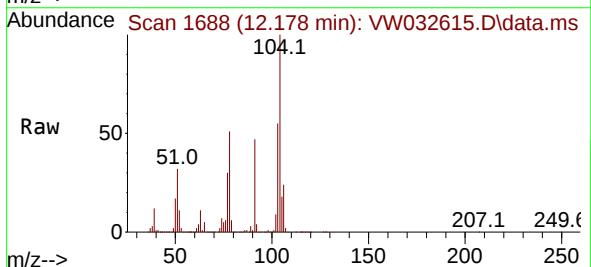
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

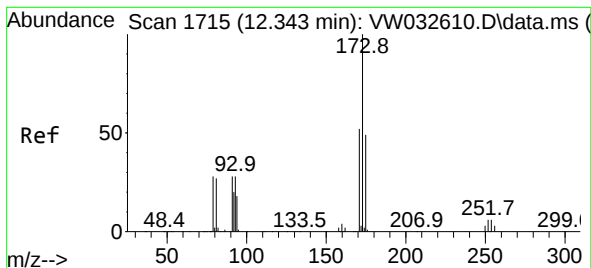
Tgt Ion:106 Resp: 153806
Ion Ratio Lower Upper
106 100
91 218.6 108.3 324.8



#70
Styrene
Concen: 19.565 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW032615.D
Acq: 10 Dec 2025 14:09

Tgt Ion:104 Resp: 273635
Ion Ratio Lower Upper
104 100
78 51.6 41.5 62.3
103 54.3 43.8 65.6





#71

Bromoform

Concen: 18.842 ug/l

RT: 12.343 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032615.D

Acq: 10 Dec 2025 14:09

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

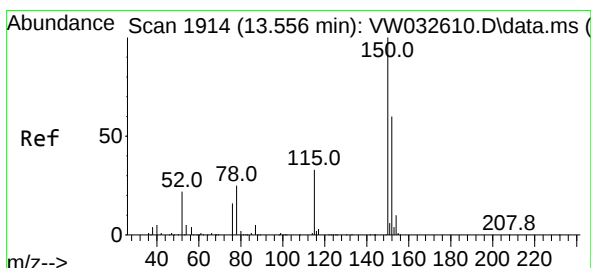
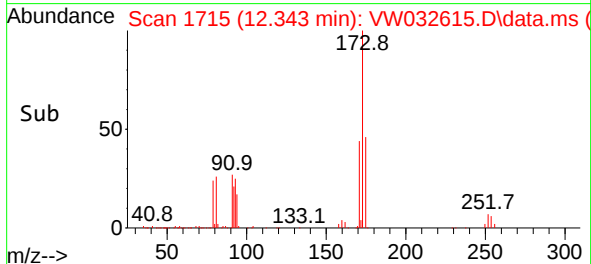
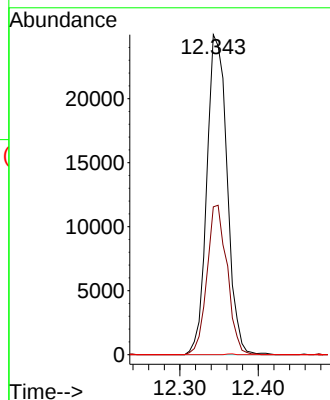
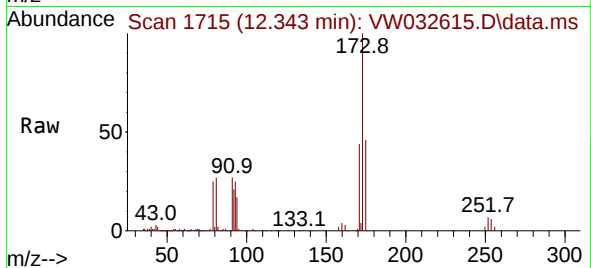
Tgt Ion:173 Resp: 44809

Ion Ratio Lower Upper

173 100

175 46.5 24.9 74.7

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW032615.D

Acq: 10 Dec 2025 14:09

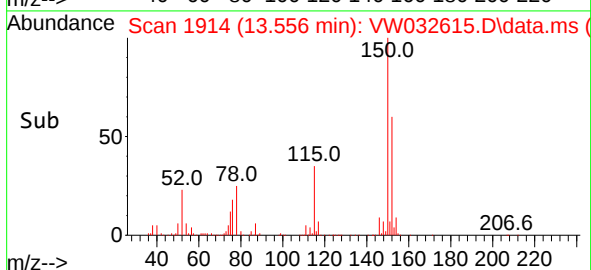
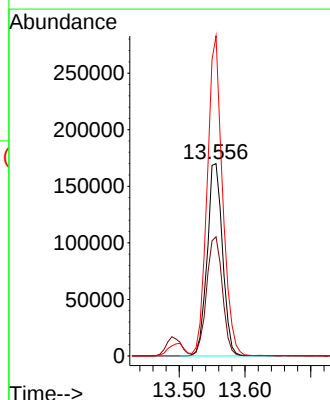
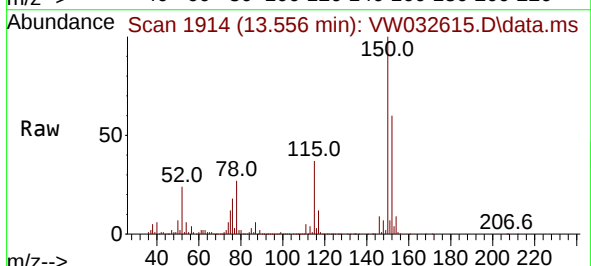
Tgt Ion:152 Resp: 276822

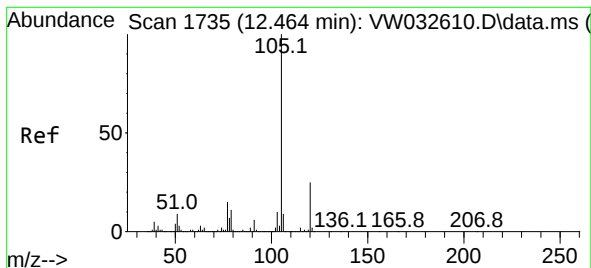
Ion Ratio Lower Upper

152 100

115 63.5 33.8 101.3

150 165.6 0.0 369.4





#73

Isopropylbenzene

Concen: 18.756 ug/l

RT: 12.458 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW032615.D

Acq: 10 Dec 2025 14:09

Instrument :

MSVOA_W

ClientSampleId :

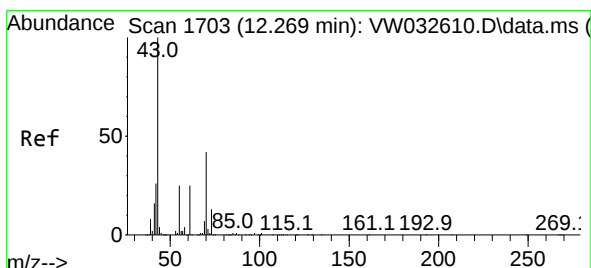
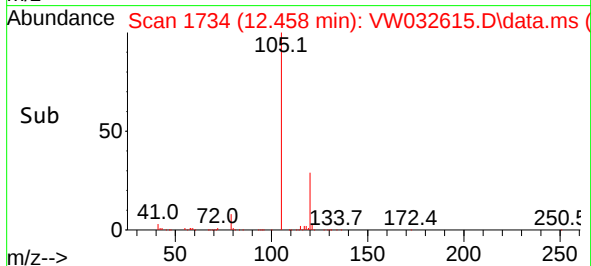
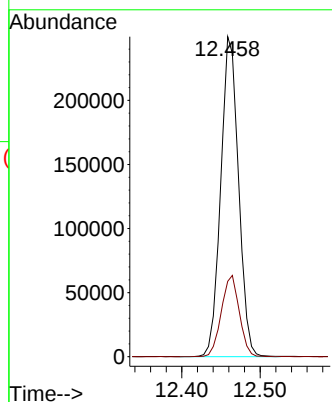
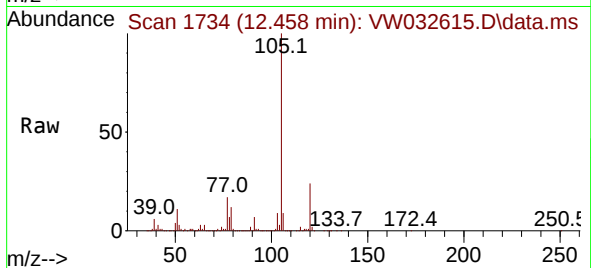
VSTDICC020

Tgt Ion:105 Resp: 394907

Ion Ratio Lower Upper

105 100

120 25.6 13.0 39.0



#74

N-ethyl acetate

Concen: 18.415 ug/l

RT: 12.269 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VW032615.D

Acq: 10 Dec 2025 14:09

Tgt Ion: 43 Resp: 132845

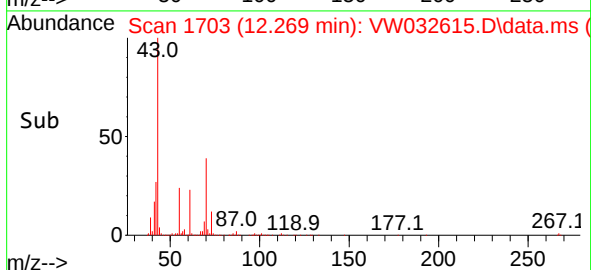
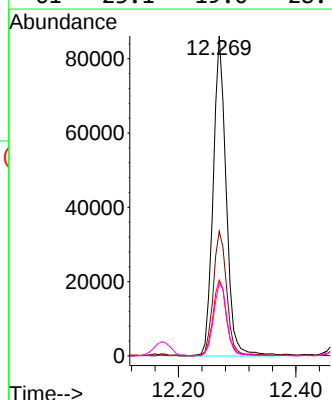
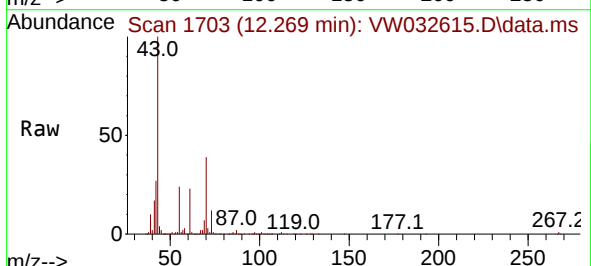
Ion Ratio Lower Upper

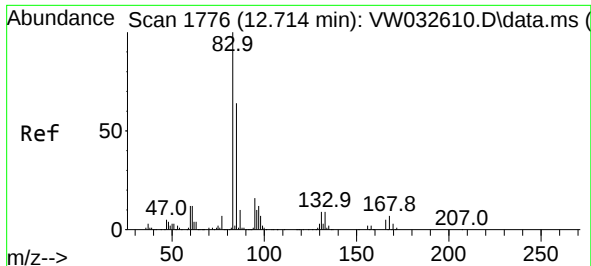
43 100

70 40.4 32.4 48.6

55 24.6 19.8 29.6

61 23.1 19.0 28.4

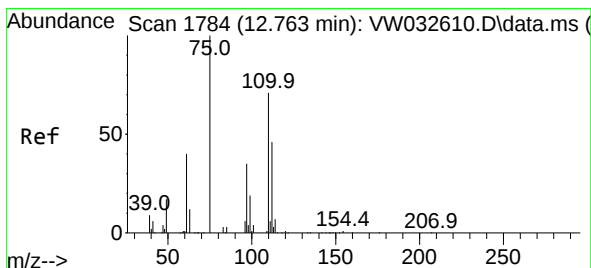
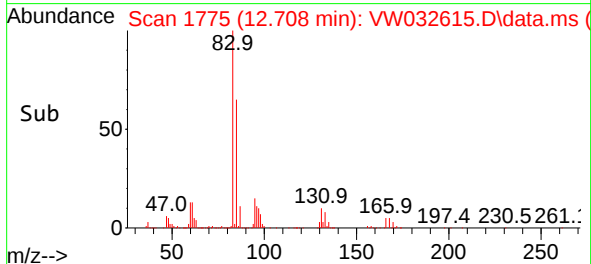
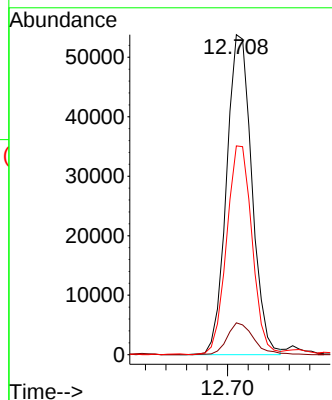
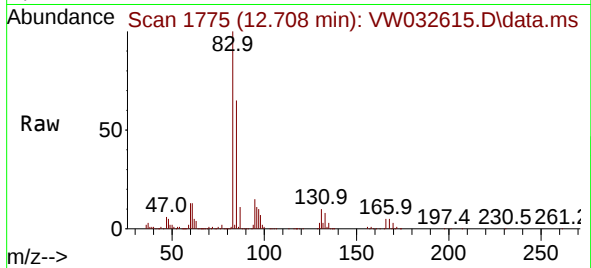




#75
1,1,2,2-Tetrachloroethane
Concen: 18.116 ug/l
RT: 12.708 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VW032615.D
Acq: 10 Dec 2025 14:09

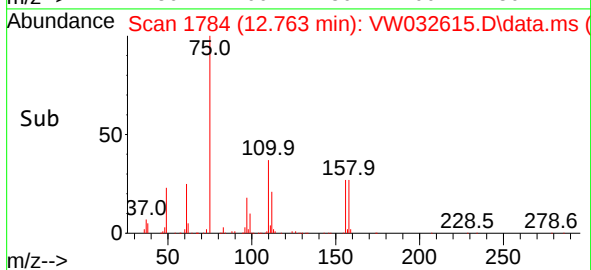
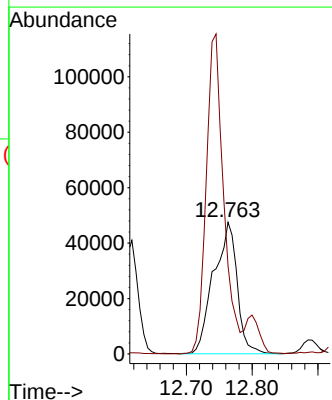
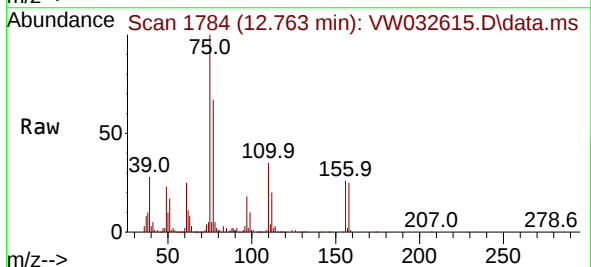
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

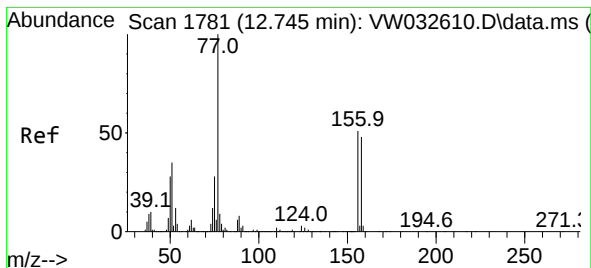
Tgt Ion: 83 Resp: 91831
Ion Ratio Lower Upper
83 100
131 10.5 5.0 14.9
85 65.6 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 31.867 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW032615.D
Acq: 10 Dec 2025 14:09

Tgt Ion: 75 Resp: 117665
Ion Ratio Lower Upper
75 100
77 180.0 154.0 462.0





#77

Bromobenzene

Concen: 19.167 ug/l

RT: 12.745 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VW032615.D

Acq: 10 Dec 2025 14:09

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

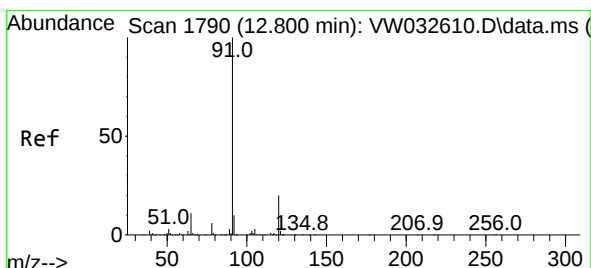
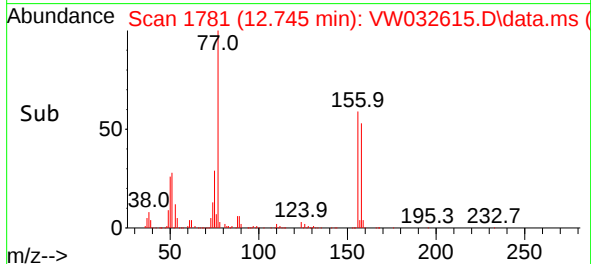
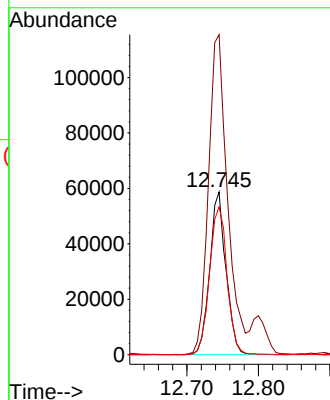
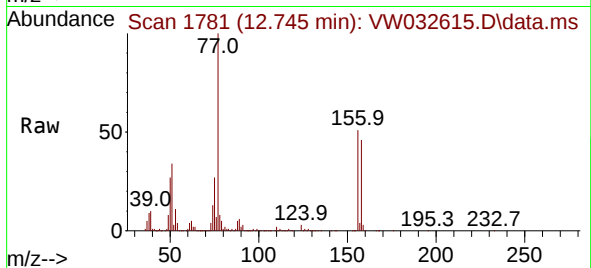
Tgt Ion:156 Resp: 92608

Ion Ratio Lower Upper

156 100

77 229.0 116.7 350.1

158 98.1 49.9 149.7



#78

n-propylbenzene

Concen: 19.234 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VW032615.D

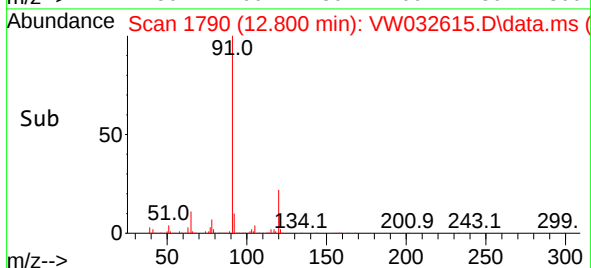
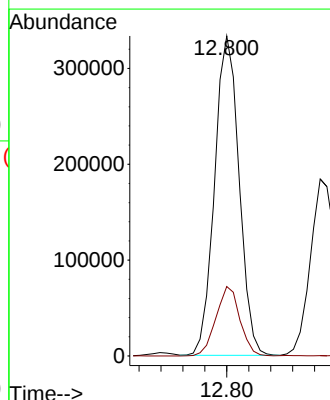
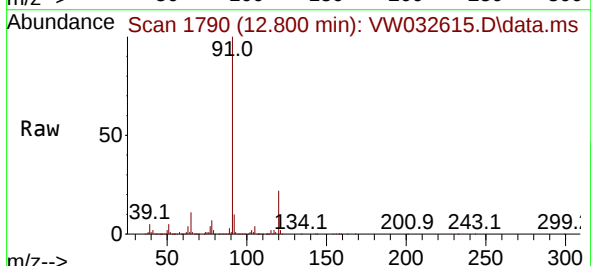
Acq: 10 Dec 2025 14:09

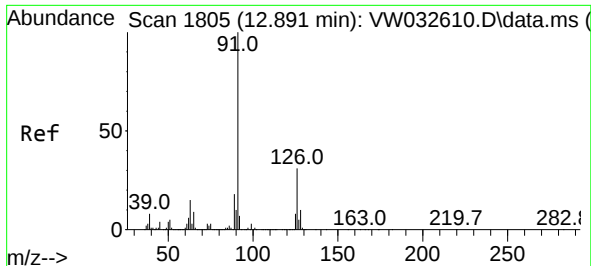
Tgt Ion: 91 Resp: 517295

Ion Ratio Lower Upper

91 100

120 21.2 10.9 32.6

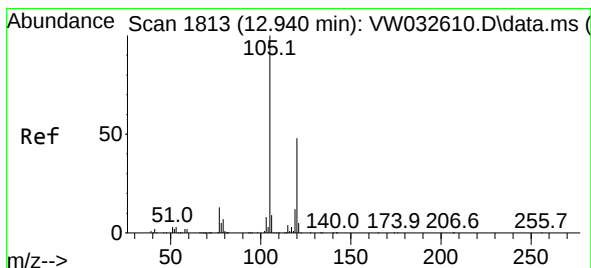
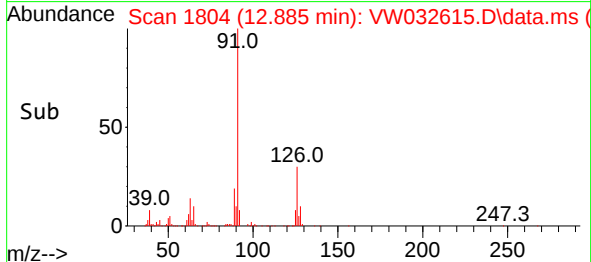
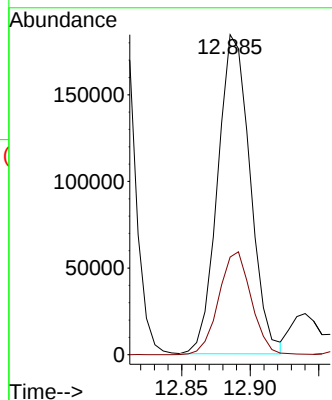
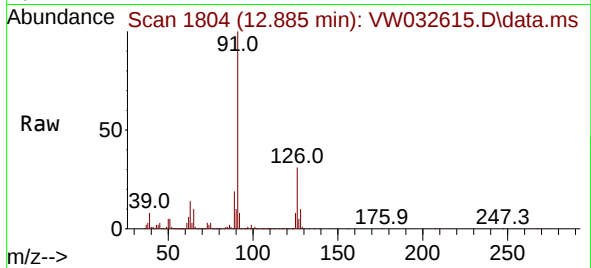




#79
2-Chlorotoluene
Concen: 19.259 ug/l
RT: 12.885 min Scan# 1804
Delta R.T. -0.006 min
Lab File: VW032615.D
Acq: 10 Dec 2025 14:09

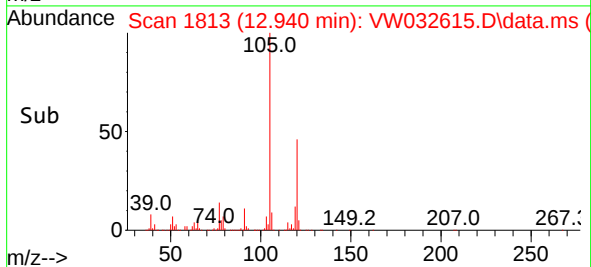
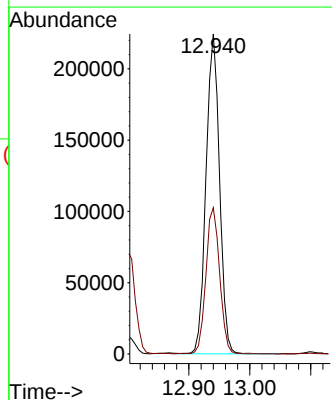
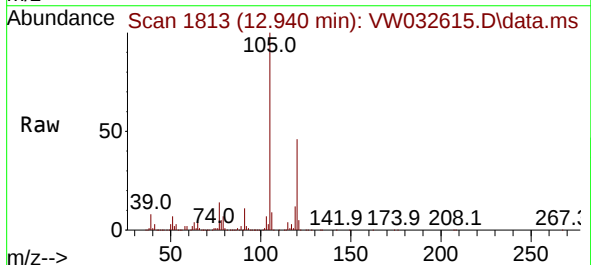
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

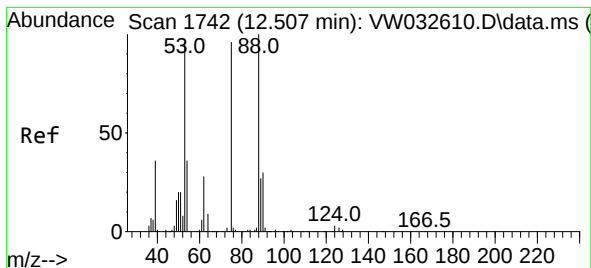
Tgt Ion: 91 Resp: 304047
Ion Ratio Lower Upper
91 100
126 32.3 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 19.498 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW032615.D
Acq: 10 Dec 2025 14:09

Tgt Ion: 105 Resp: 344820
Ion Ratio Lower Upper
105 100
120 46.6 24.3 72.8

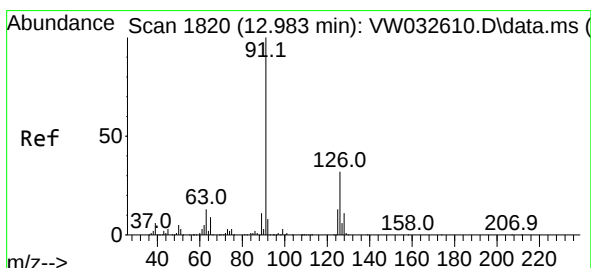
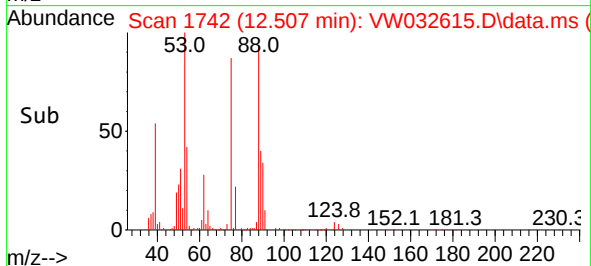
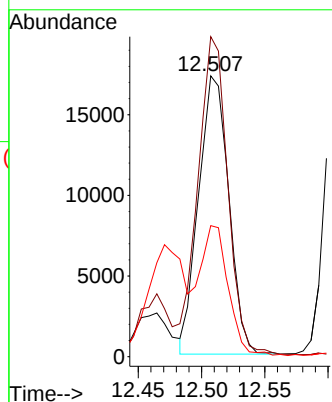
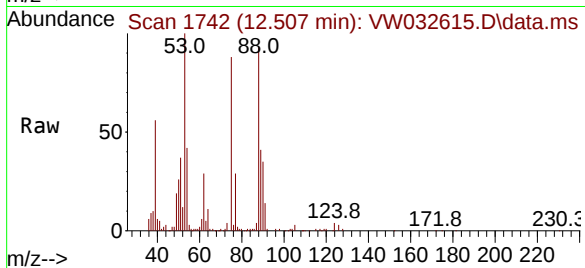




#81
trans-1,4-Dichloro-2-butene
Concen: 21.735 ug/l
RT: 12.507 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032615.D
Acq: 10 Dec 2025 14:09

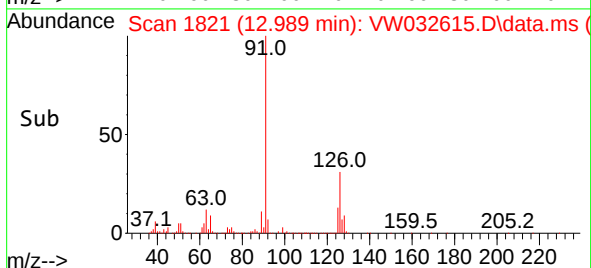
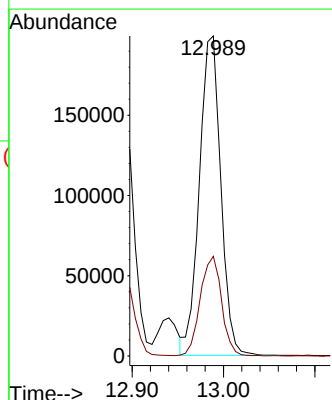
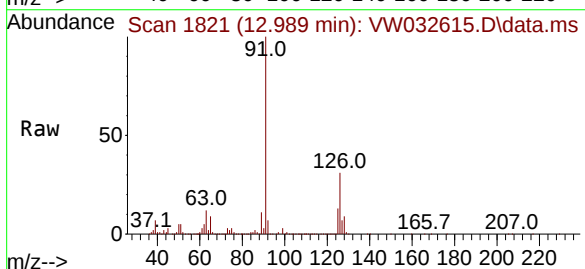
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

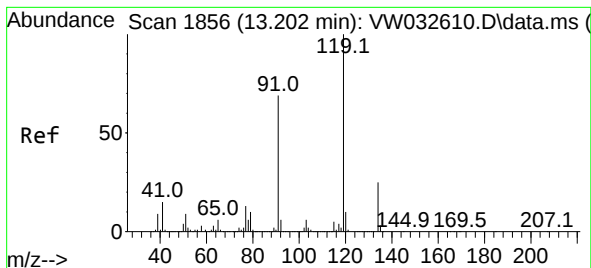
Tgt Ion: 75 Resp: 28643
Ion Ratio Lower Upper
75 100
53 114.5 86.1 129.1
89 46.2 37.4 56.2



#82
4-Chlorotoluene
Concen: 19.316 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VW032615.D
Acq: 10 Dec 2025 14:09

Tgt Ion: 91 Resp: 323871
Ion Ratio Lower Upper
91 100
126 31.0 15.8 47.4





#83

tert-Butylbenzene

Concen: 18.676 ug/l

RT: 13.202 min Scan# 1856

Delta R.T. 0.000 min

Lab File: VW032615.D

Acq: 10 Dec 2025 14:09

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

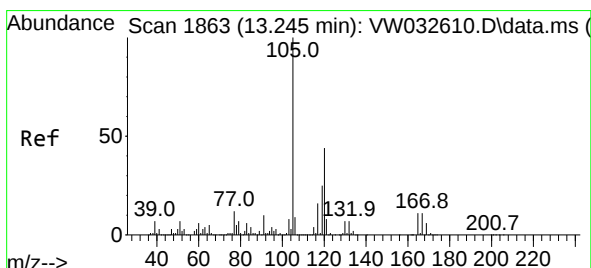
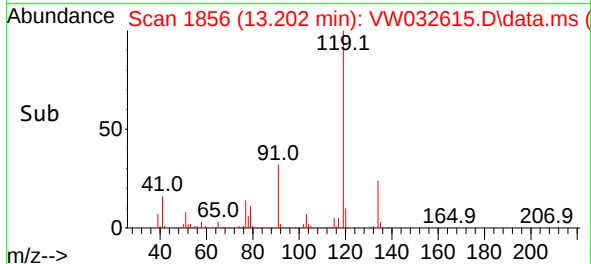
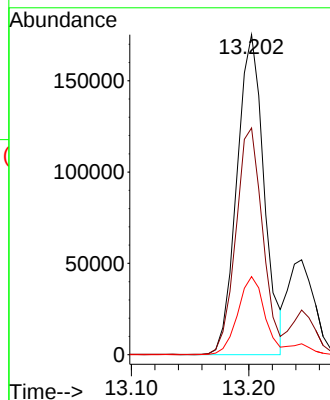
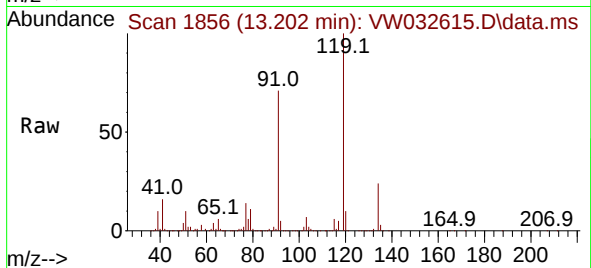
Tgt Ion:119 Resp: 281367

Ion Ratio Lower Upper

119 100

91 69.8 34.3 102.8

134 24.6 12.6 37.8



#84

1,2,4-Trimethylbenzene

Concen: 19.146 ug/l

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW032615.D

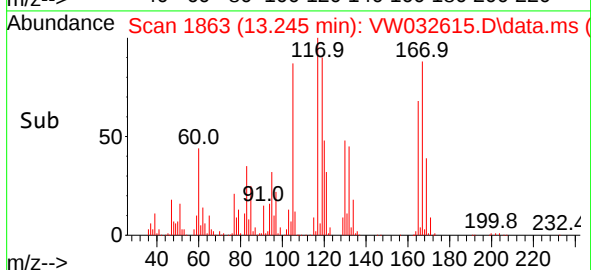
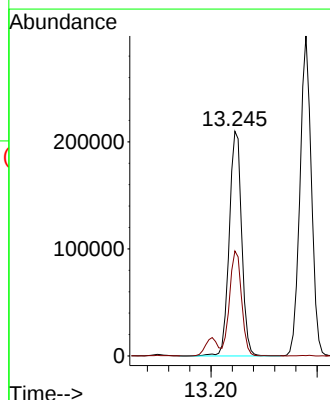
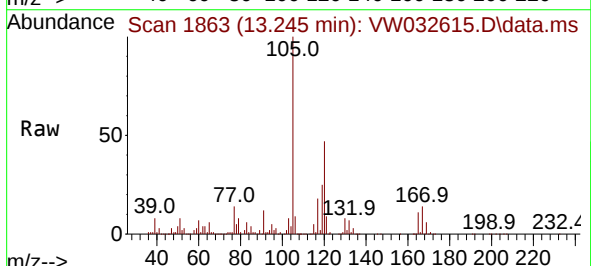
Acq: 10 Dec 2025 14:09

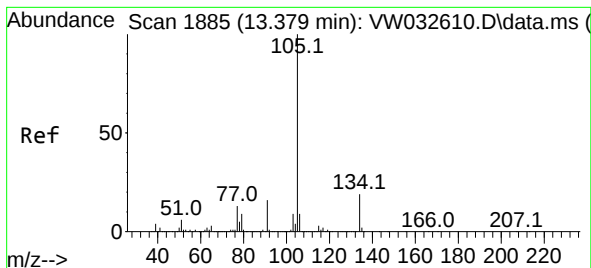
Tgt Ion:105 Resp: 341488

Ion Ratio Lower Upper

105 100

120 45.0 22.4 67.0





#85

sec-Butylbenzene

Concen: 19.250 ug/l

RT: 13.379 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VW032615.D

Acq: 10 Dec 2025 14:09

Instrument :

MSVOA_W

ClientSampleId :

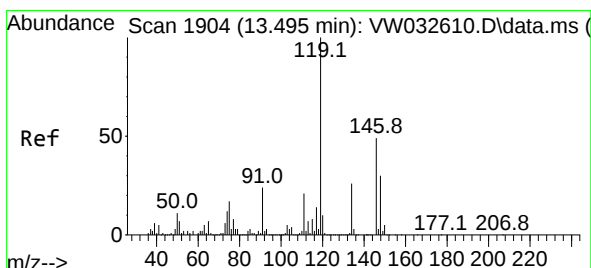
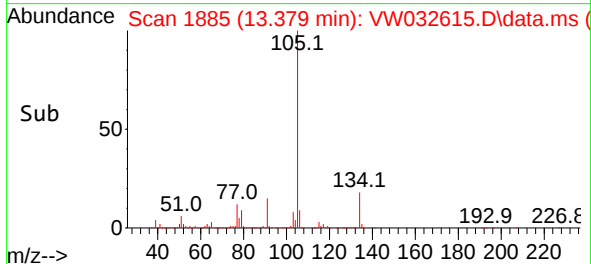
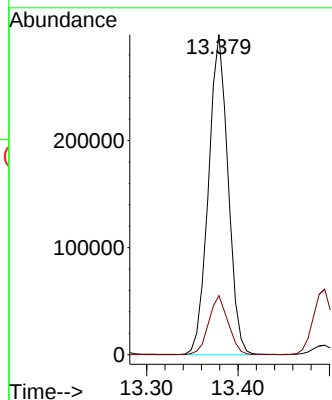
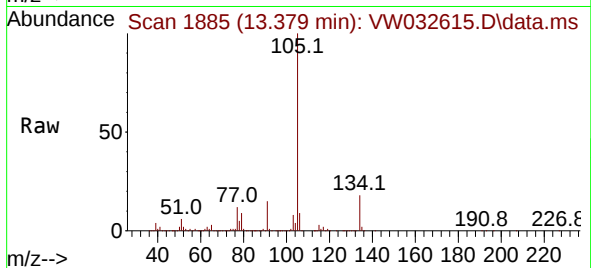
VSTDIC020

Tgt Ion:105 Resp: 444023

Ion Ratio Lower Upper

105 100

134 18.4 9.7 28.9



#86

p-Isopropyltoluene

Concen: 19.126 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW032615.D

Acq: 10 Dec 2025 14:09

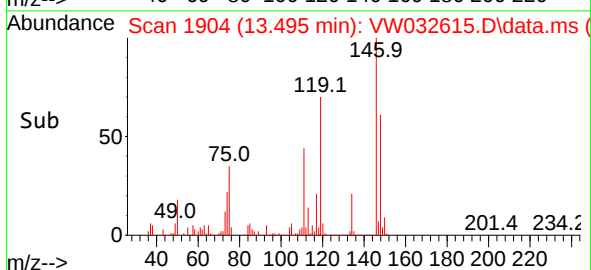
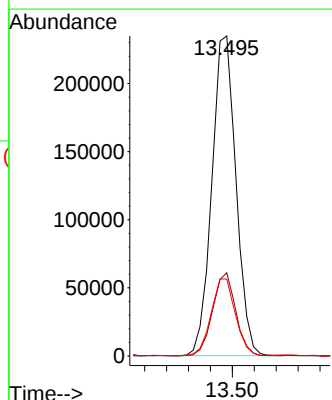
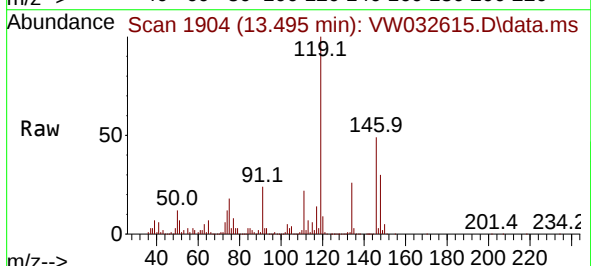
Tgt Ion:119 Resp: 358822

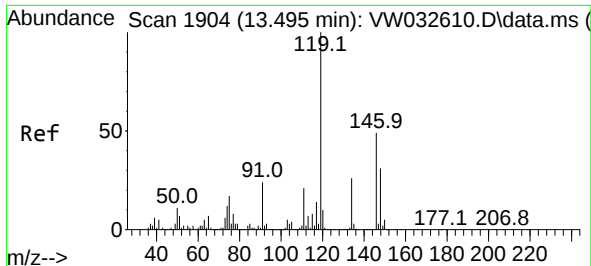
Ion Ratio Lower Upper

119 100

134 25.1 13.0 39.0

91 24.2 12.1 36.3

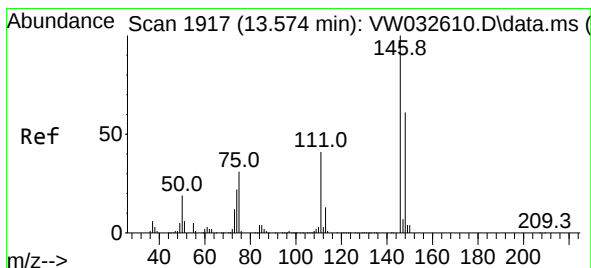
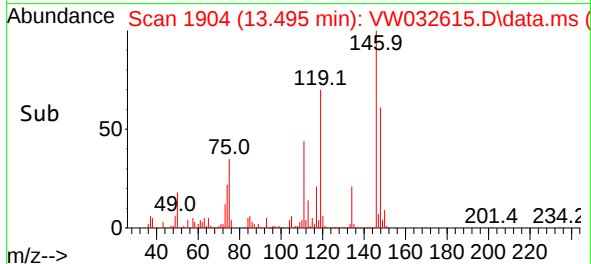
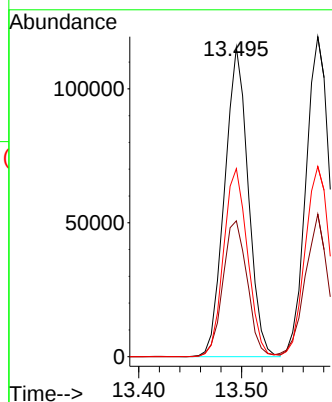
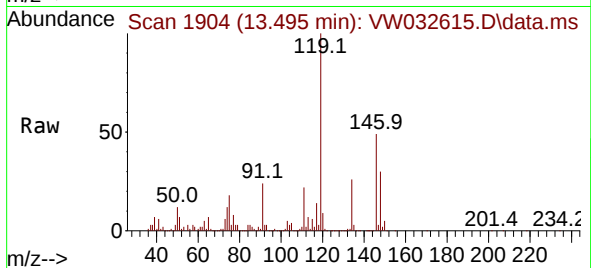




#87
1,3-Dichlorobenzene
Concen: 18.648 ug/l
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW032615.D
Acq: 10 Dec 2025 14:09

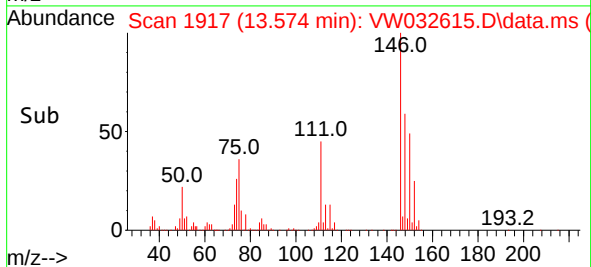
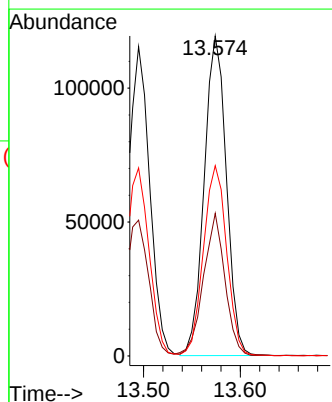
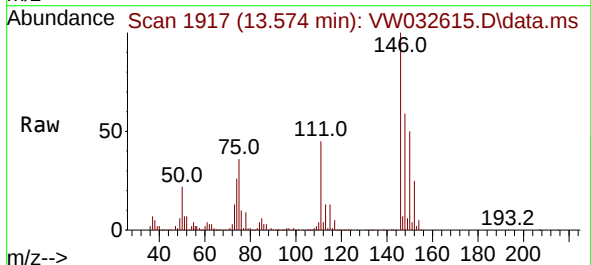
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

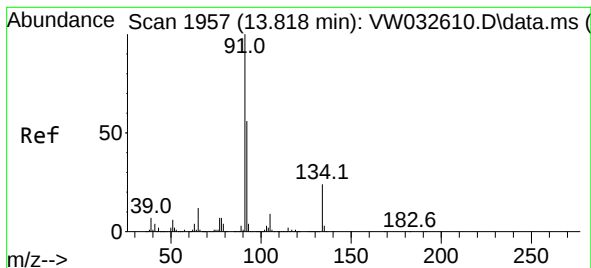
Tgt Ion:146 Resp: 184413
Ion Ratio Lower Upper
146 100
111 45.1 21.6 64.6
148 61.6 31.1 93.3



#88
1,4-Dichlorobenzene
Concen: 19.375 ug/l
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW032615.D
Acq: 10 Dec 2025 14:09

Tgt Ion:146 Resp: 190794
Ion Ratio Lower Upper
146 100
111 43.4 20.9 62.8
148 62.4 30.4 91.2





#89

n-Butylbenzene

Concen: 18.741 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VW032615.D

Acq: 10 Dec 2025 14:09

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC020

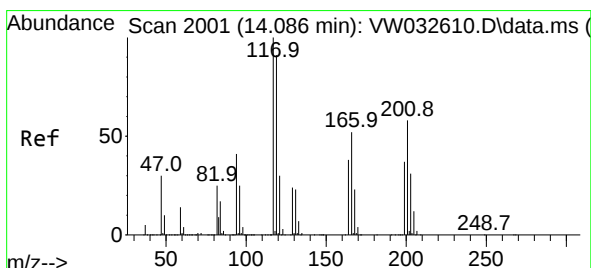
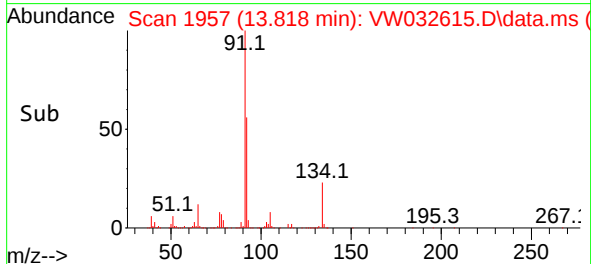
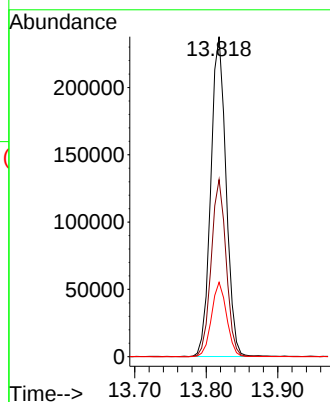
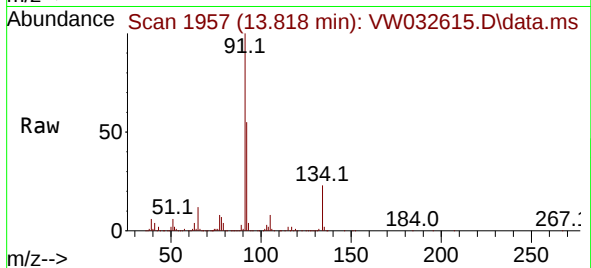
Tgt Ion: 91 Resp: 353260

Ion Ratio Lower Upper

91 100

92 54.2 27.4 82.0

134 23.0 11.8 35.4



#90

Hexachloroethane

Concen: 18.837 ug/l

RT: 14.086 min Scan# 2001

Delta R.T. 0.000 min

Lab File: VW032615.D

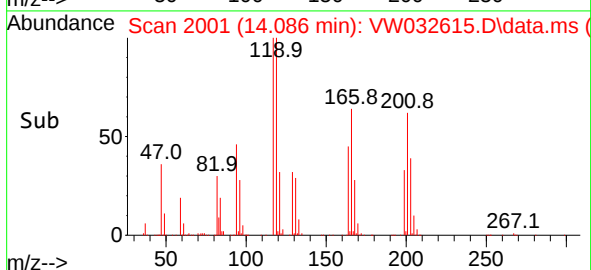
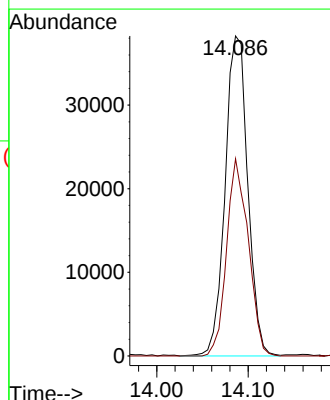
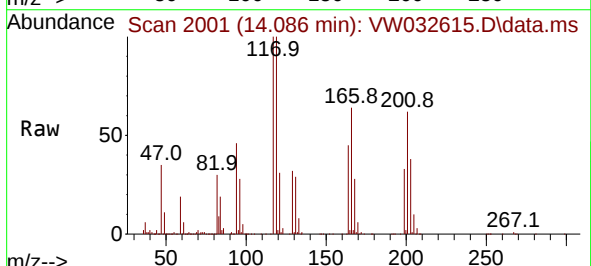
Acq: 10 Dec 2025 14:09

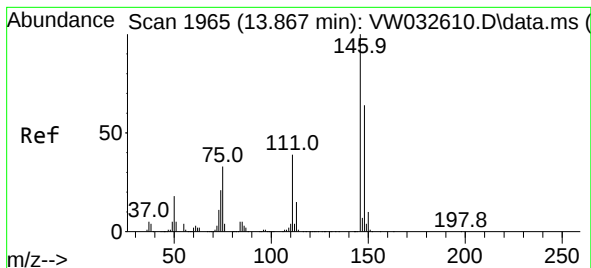
Tgt Ion: 117 Resp: 66009

Ion Ratio Lower Upper

117 100

201 59.0 30.4 91.2





#91

1,2-Dichlorobenzene

Concen: 19.270 ug/l

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW032615.D

Acq: 10 Dec 2025 14:09

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

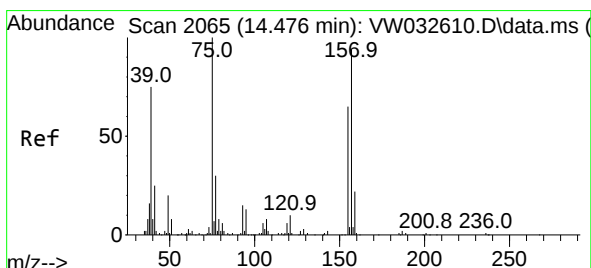
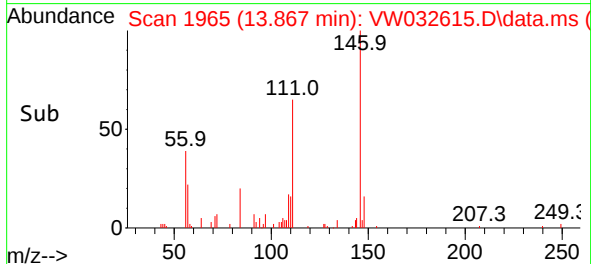
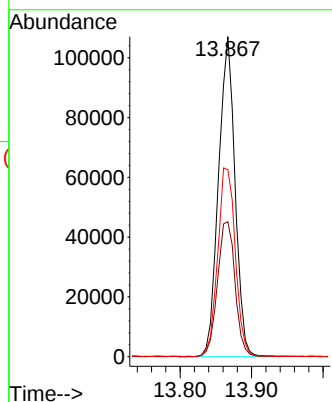
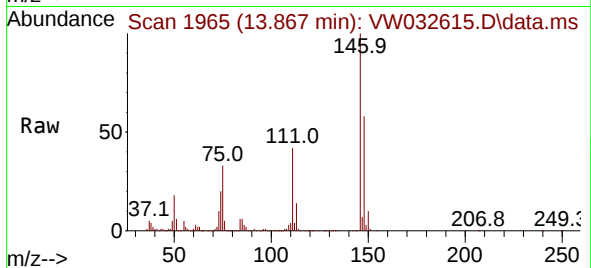
Tgt Ion:146 Resp: 172015

Ion Ratio Lower Upper

146 100

111 45.1 21.5 64.5

148 63.0 32.4 97.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.612 ug/l

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW032615.D

Acq: 10 Dec 2025 14:09

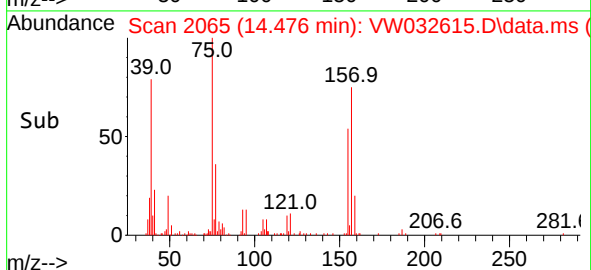
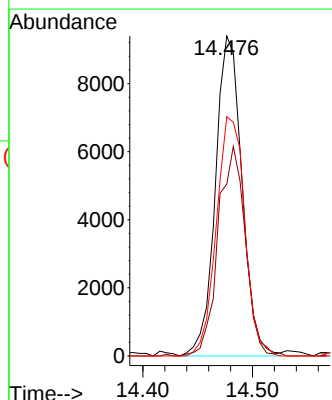
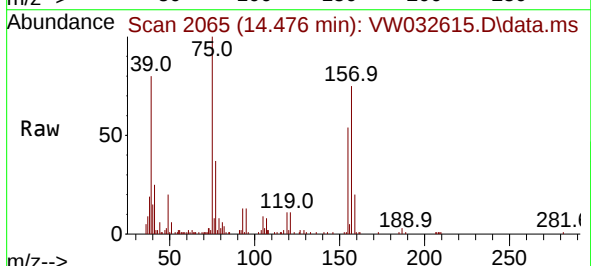
Tgt Ion: 75 Resp: 15856

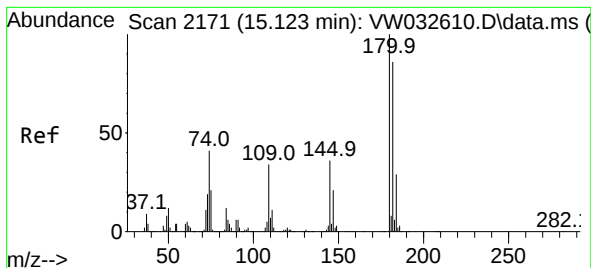
Ion Ratio Lower Upper

75 100

155 66.5 35.3 105.9

157 79.6 44.8 134.4





#93

1,2,4-Trichlorobenzene

Concen: 17.813 ug/l

RT: 15.129 min Scan# 2171

Delta R.T. 0.006 min

Lab File: VW032615.D

Acq: 10 Dec 2025 14:09

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC020

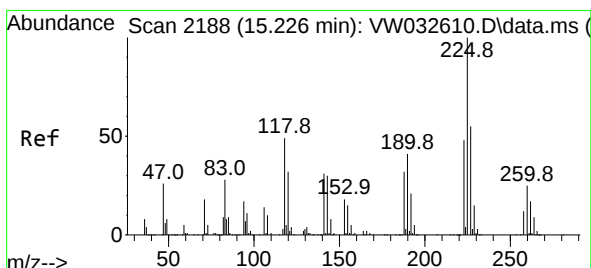
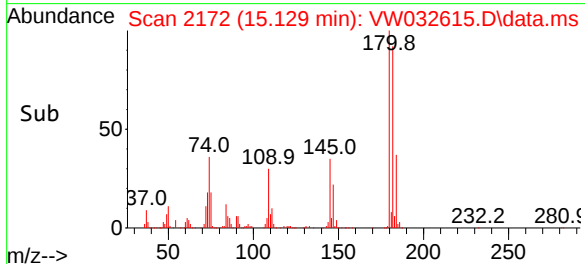
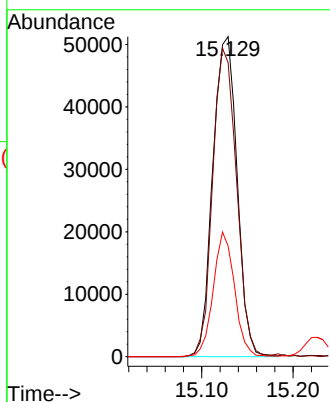
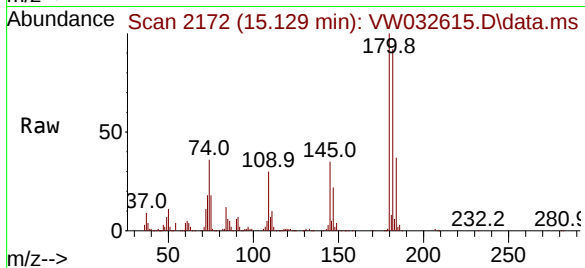
Tgt Ion:180 Resp: 94441

Ion Ratio Lower Upper

180 100

182 94.6 46.9 140.6

145 34.4 17.1 51.3



#94

Hexachlorobutadiene

Concen: 16.319 ug/l

RT: 15.232 min Scan# 2189

Delta R.T. 0.006 min

Lab File: VW032615.D

Acq: 10 Dec 2025 14:09

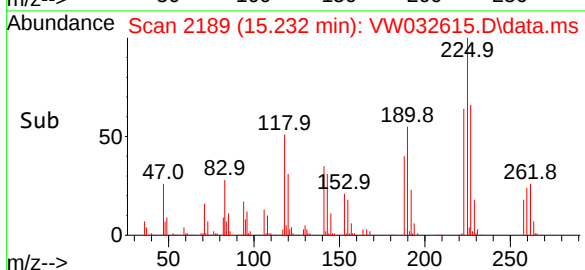
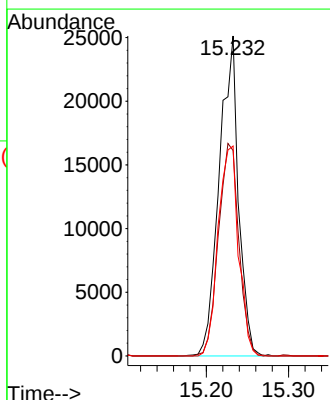
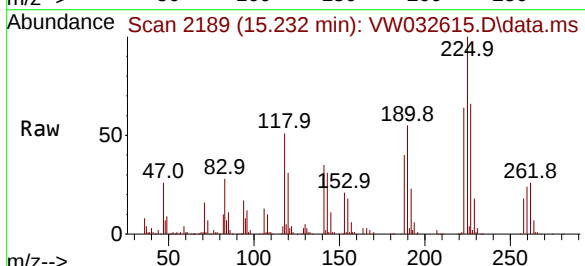
Tgt Ion:225 Resp: 40897

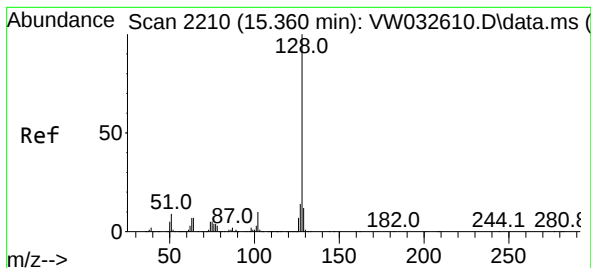
Ion Ratio Lower Upper

225 100

223 70.4 30.3 90.8

227 69.6 29.1 87.4





#95

Naphthalene

Concen: 23.002 ug/l

RT: 15.354 min Scan# 2210

Delta R.T. -0.006 min

Lab File: VW032615.D

Acq: 10 Dec 2025 14:09

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

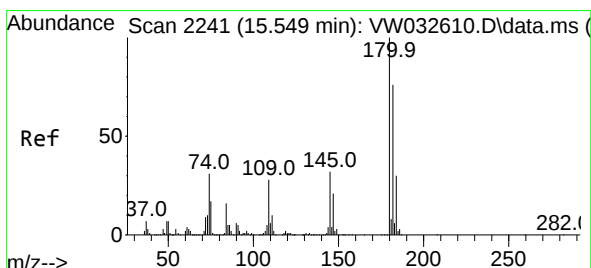
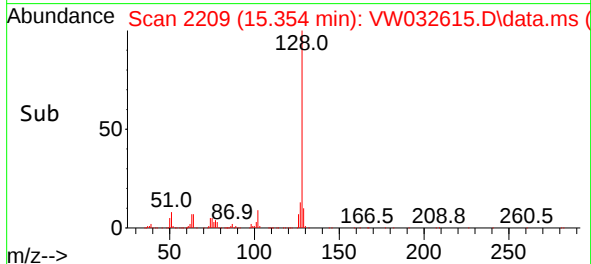
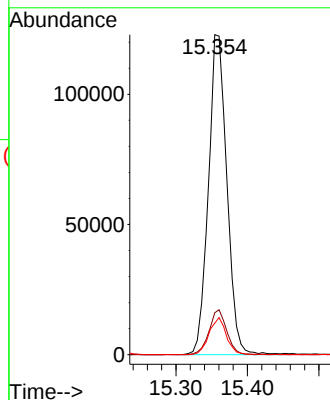
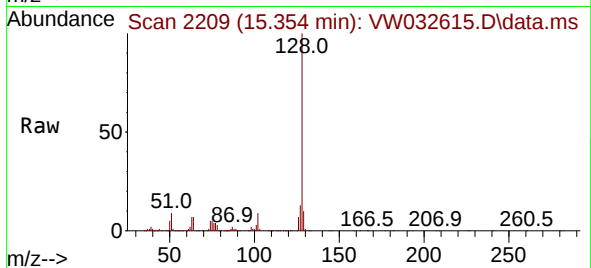
Tgt Ion:128 Resp: 220667

Ion Ratio Lower Upper

128 100

127 13.4 10.5 15.7

129 10.9 9.0 13.6



#96

1,2,3-Trichlorobenzene

Concen: 18.093 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW032615.D

Acq: 10 Dec 2025 14:09

Tgt Ion:180 Resp: 90672

Ion Ratio Lower Upper

180 100

182 92.6 45.9 137.6

145 35.0 17.0 51.0

