

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL120825\
 Data File : VL043307.D
 Acq On : 08 Dec 2025 10:24
 Operator : SY/MD
 Sample : VL1208ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1208ABS01

Quant Time: Dec 09 00:09:13 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111825AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

QLast Update : Wed Nov 19 01:11:25 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.777	49	128373	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.946	114	319254	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.869	117	250711	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.364	95	185879	10.115	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.100%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.496	85	195547	10.800	ppbv	100
3) Chlorodifluoromethane	1.473	51	181736	10.206	ppbv	97
4) Chloromethane	1.531	50	70563	10.423	ppbv	100
5) Vinyl Chloride	1.577	62	67921	9.174	ppbv	93
6) Bromomethane	1.664	94	33521	9.340	ppbv	98
7) Chloroethane	1.700	64	28601	9.919	ppbv	91
8) Dichlorotetrafluoroethane	1.551	85	159668	10.601	ppbv	97
9) Propene	1.479	41	71417	9.445	ppbv #	1
10) Heptane	4.962	43	210516	9.355	ppbv	98
11) Trichlorofluoromethane	1.874	101	196801	11.219	ppbv	99
12) 1,1,2-Trichlorotrifluo...	2.133	101	153996	11.244	ppbv	97
13) Ethanol	1.716	45	23202	8.726	ppbv	97
14) Bromoethene	1.777	108	55304	10.533	ppbv	94
15) Acetone	1.829	43	152789	8.567	ppbv	99
16) 1,3-Butadiene	1.606	39	76687	9.645	ppbv	97
17) tert-Butyl alcohol	2.033	59	209336	8.942	ppbv	100
18) 1,1-Dichloroethene	2.030	96	65282	10.237	ppbv	93
19) Isopropyl Alcohol	1.881	45	85723	8.506	ppbv #	86
20) Methylene Chloride	2.056	84	60065	11.551	ppbv	95
21) Allyl Chloride	2.091	41	105272	8.773	ppbv	100
22) trans-1,2-Dichloroethene	2.334	96	75422	10.348	ppbv	95
23) Vinyl Acetate	2.454	43	197206	9.159	ppbv #	98
24) 1,1-Dichloroethane	2.402	63	147058	10.453	ppbv	98
25) Ethyl Acetate	2.826	43	372295	9.678	ppbv	99
26) Hexane	2.816	57	166920	9.898	ppbv	98
27) Carbon Disulfide	2.146	76	190369	11.057	ppbv	99
28) Methyl tert-Butyl Ether	2.431	73	77723	9.389	ppbv	98
29) Chloroform	2.839	83	280544	11.703	ppbv	98
30) Cyclohexane	3.842	84	136887	9.681	ppbv	95
31) cis-1,2-Dichloroethene	2.713	61	166197	9.915	ppbv	94
32) 1,1,1-Trichloroethane	3.357	97	278163	10.886	ppbv	99
34) 2-Butanone	2.548	43	232285	10.307	ppbv	99
35) Carbon Tetrachloride	3.752	117	293430	12.109	ppbv	100
36) Benzene	3.645	78	342251	11.194	ppbv	99
37) 1,2-Dichloroethane	3.208	62	212457	11.880	ppbv	98
38) Trichloroethene	4.532	130	137474	11.493	ppbv	98
39) 1,2-Dichloropropane	4.295	63	122348	10.934	ppbv	92
40) 1,4-Dioxane	4.564	88	43982	8.743	ppbv #	97
41) Tetrahydrofuran	3.043	42	121301	9.747	ppbv	98
42) Bromodichloromethane	4.473	83	296233	12.008	ppbv	97
43) Methyl Methacrylate	4.862	69	156667	9.654	ppbv	95
44) 2,2,4-Trimethylpentane	4.625	57	569168	10.839	ppbv	98
45) t-1,3-Dichloropropene	6.393	75	118391	7.826	ppbv	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL120825\
 Data File : VL043307.D
 Acq On : 08 Dec 2025 10:24
 Operator : SY/MD
 Sample : VL1208ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

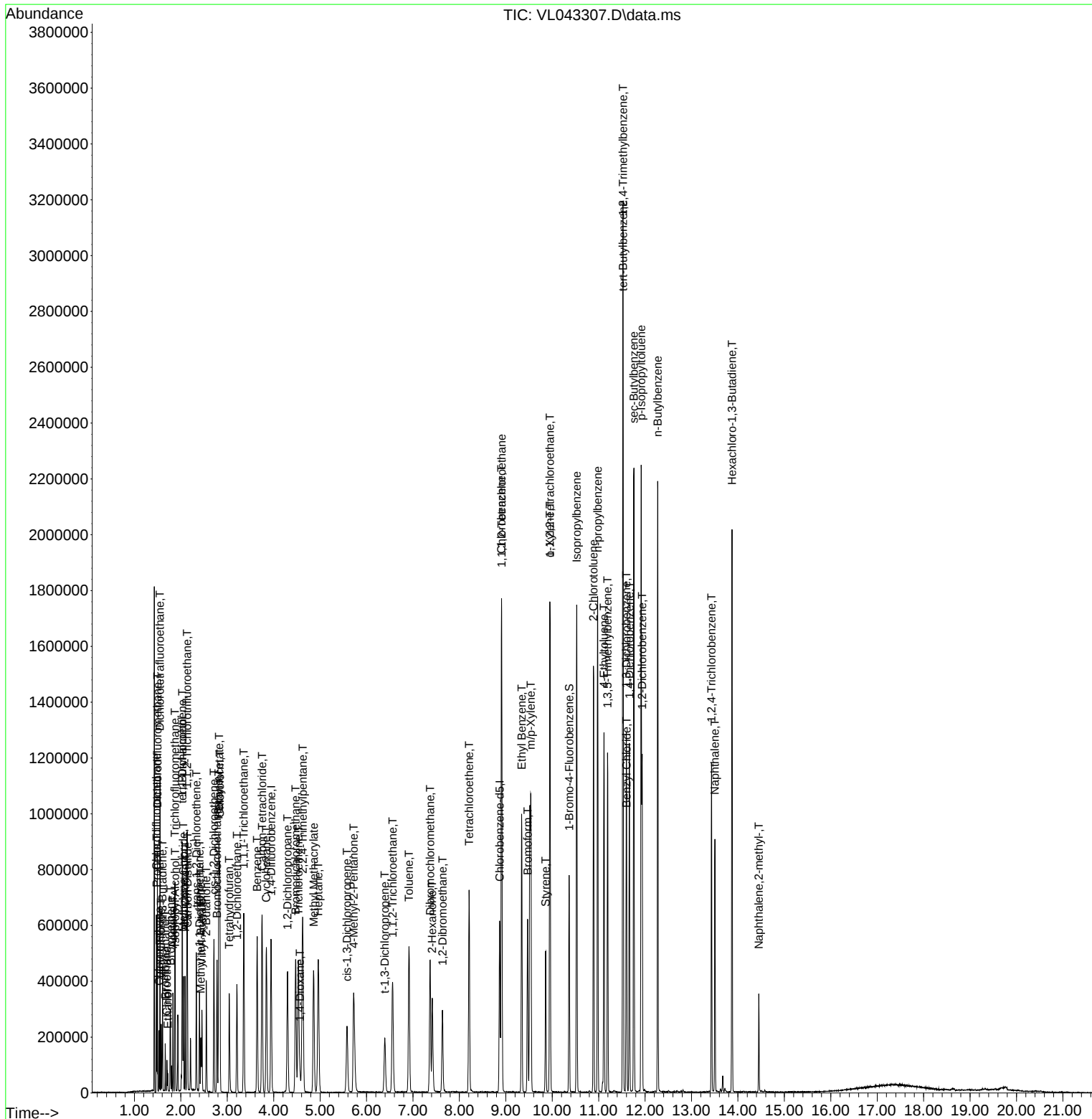
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1208ABS01

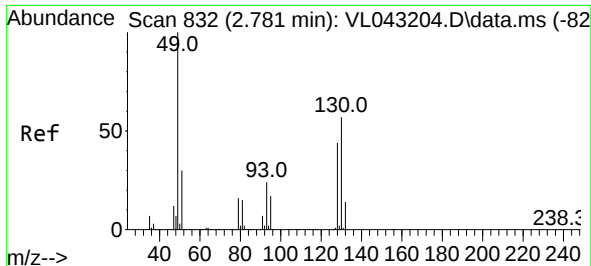
Quant Time: Dec 09 00:09:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111825AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Nov 19 01:11:25 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.580	75	146637	8.255	ppbv	94
47) 1,1,2-Trichloroethane	6.561	97	137247	11.557	ppbv	98
48) Dibromochloromethane	7.370	129	240784	11.793	ppbv	99
49) Bromoform	9.471	173	220417	12.188	ppbv	99
50) 4-Methyl-2-Pentanone	5.723	43	315888	9.951	ppbv	98
51) 2-Hexanone	7.415	43	223708	9.075	ppbv #	98
52) Tetrachloroethene	8.208	164	125681	11.051	ppbv	96
53) Toluene	6.914	91	374608	10.347	ppbv	99
54) 1,2-Dibromoethane	7.636	107	183811	10.518	ppbv	95
56) 1,1,1,2-Tetrachloroethane	8.911	131	229368	12.449	ppbv	99
57) Chlorobenzene	8.908	112	305509	11.869	ppbv	99
58) Ethyl Benzene	9.341	91	538550	11.161	ppbv	97
59) m/p-Xylene	9.539	91	420640	10.873	ppbv #	20
60) o-Xylene	9.950	91	446789	11.560	ppbv	98
61) Styrene	9.859	104	167877	9.925	ppbv	99
62) Isopropylbenzene	10.529	105	805674	11.652	ppbv	98
63) 1,1,2,2-Tetrachloroethane	9.950	83	285542	11.611	ppbv	99
64) n-propylbenzene	10.979	120	208180	11.718	ppbv	96
65) tert-Butylbenzene	11.523	119	696094	11.273	ppbv	100
66) Benzyl Chloride	11.604	91	31638	5.049	ppbv	98
67) sec-Butylbenzene	11.759	105	973259	11.291	ppbv	99
69) p-Isopropyltoluene	11.914	119	808286	11.070	ppbv	99
70) n-Butylbenzene	12.270	91	780553	11.019	ppbv	100
71) 2-Chlorotoluene	10.888	91	584474	10.997	ppbv	99
72) 4-Ethyltoluene	11.115	105	540638	11.487	ppbv	99
73) 1,3,5-Trimethylbenzene	11.193	105	451214	11.424	ppbv	96
74) 1,2,4-Trimethylbenzene	11.526	105	496984	11.530	ppbv	100
75) 1,3-Dichlorobenzene	11.597	146	297680	11.834	ppbv	98
76) 1,4-Dichlorobenzene	11.662	146	298352	11.859	ppbv	98
77) 1,2-Dichlorobenzene	11.937	146	285835	11.819	ppbv	98
78) Hexachloro-1,3-Butadiene	13.873	225	220056	10.903	ppbv	99
79) Naphthalene	13.504	128	409312	10.692	ppbv	97
80) Naphthalene,2-methyl-	14.449	142	92975	9.252	ppbv	99
81) 1,2,4-Trichlorobenzene	13.432	180	204005	11.915	ppbv	98

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

Quant Time: Dec 09 00:09:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111825AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Wed Nov 19 01:11:25 2025
Response via : Initial Calibration

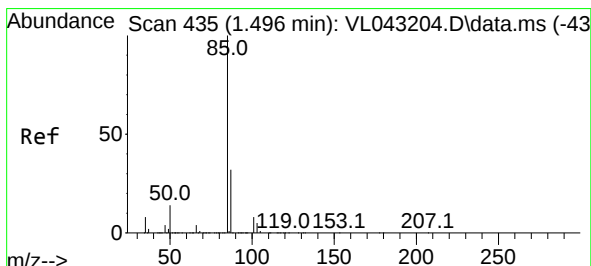
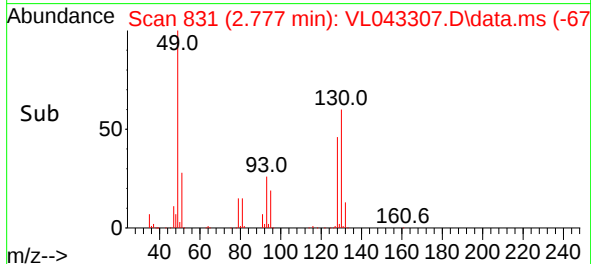
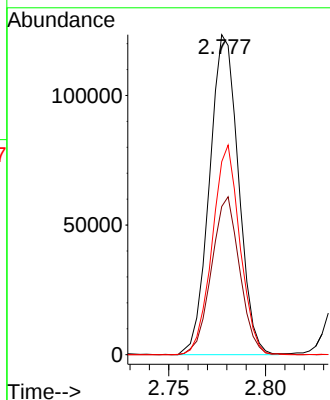
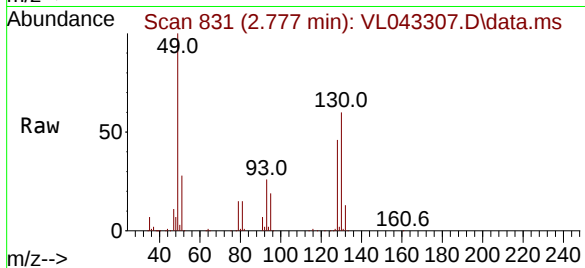




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.777 min Scan# 831
Delta R.T. -0.004 min
Lab File: VL043307.D
Acq: 08 Dec 2025 10:24

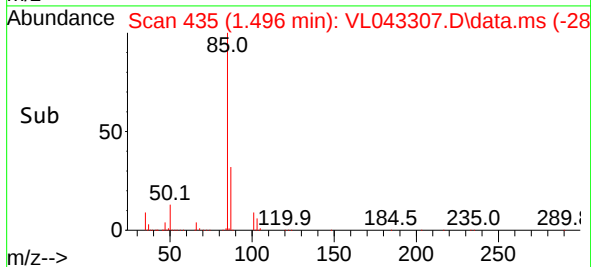
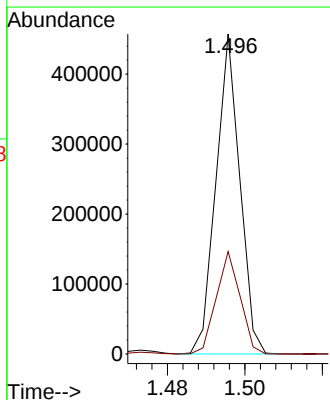
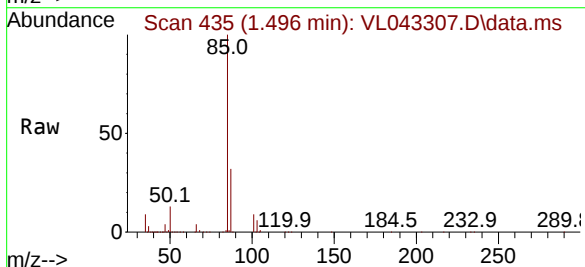
Instrument :
MSVOA_L
ClientSampleId :
VL1208ABS01

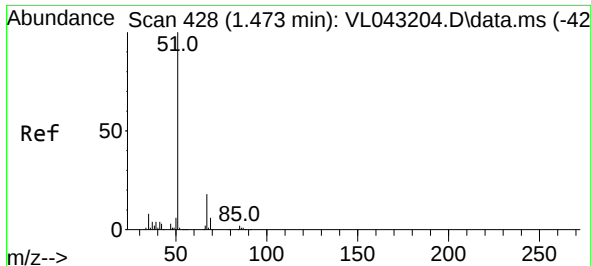
Tgt Ion: 49 Resp: 128373
Ion Ratio Lower Upper
49 100
128 48.0 23.0 69.0
130 62.5 29.9 89.7



#2
Dichlorodifluoromethane
Concen: 10.800 ppbv
RT: 1.496 min Scan# 435
Delta R.T. -0.000 min
Lab File: VL043307.D
Acq: 08 Dec 2025 10:24

Tgt Ion: 85 Resp: 195547
Ion Ratio Lower Upper
85 100
87 32.0 25.4 38.2

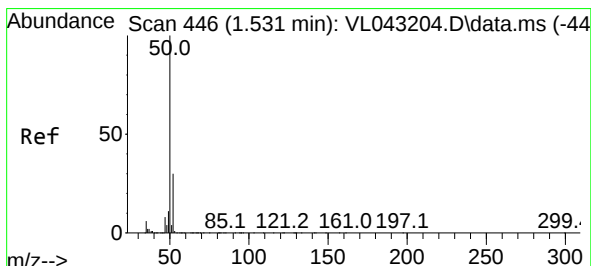
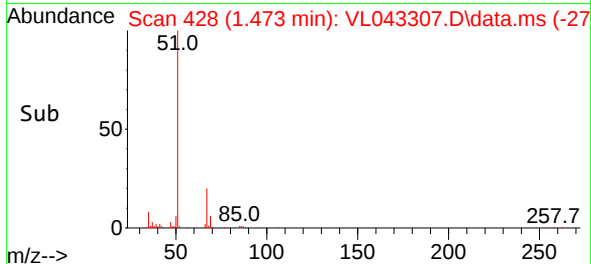
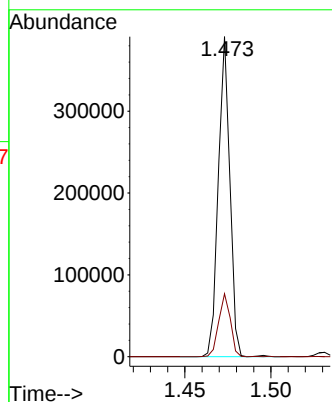
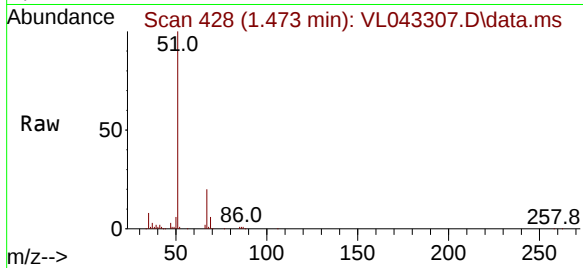




#3
Chlorodifluoromethane
Concen: 10.206 ppbv
RT: 1.473 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL043307.D
Acq: 08 Dec 2025 10:24

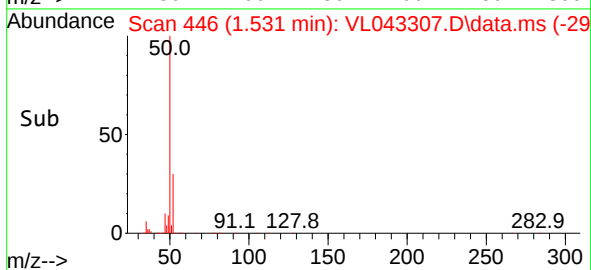
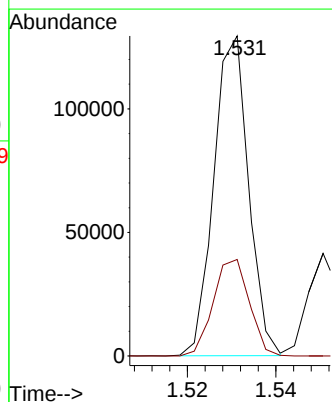
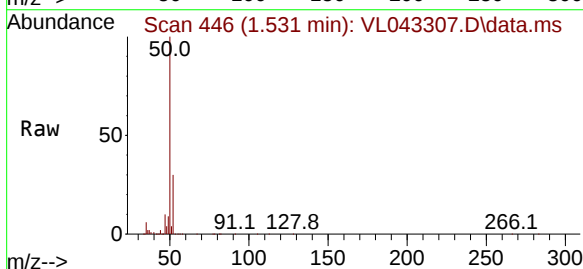
Instrument :
MSVOA_1
ClientSampleId :
VL1208ABS01

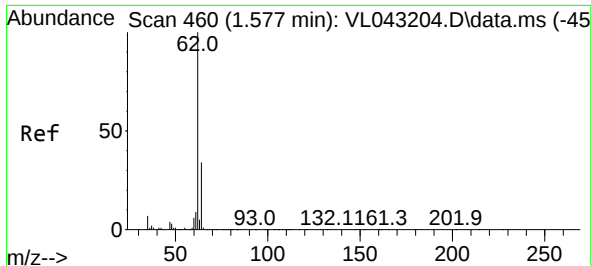
Tgt Ion: 51 Resp: 181736
Ion Ratio Lower Upper
51 100
67 19.9 14.9 22.3



#4
Chloromethane
Concen: 10.423 ppbv
RT: 1.531 min Scan# 446
Delta R.T. -0.000 min
Lab File: VL043307.D
Acq: 08 Dec 2025 10:24

Tgt Ion: 50 Resp: 70563
Ion Ratio Lower Upper
50 100
52 30.2 24.1 36.1

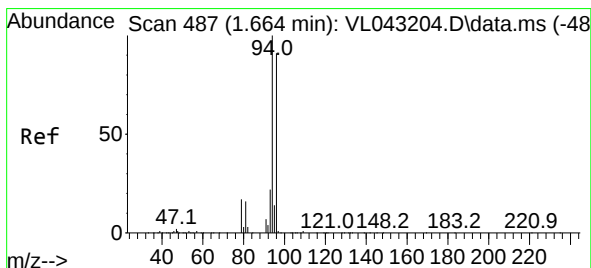
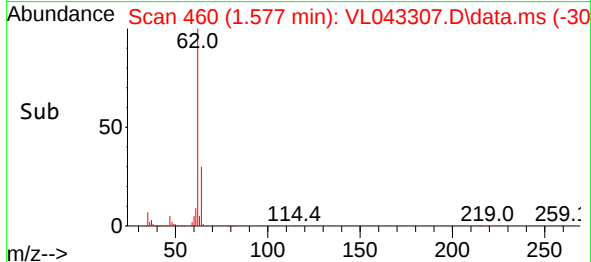
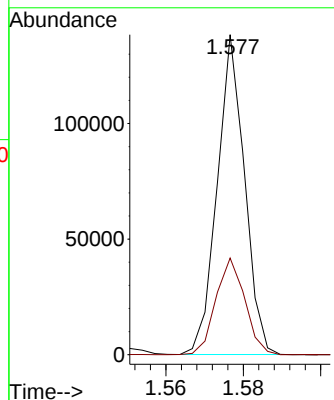
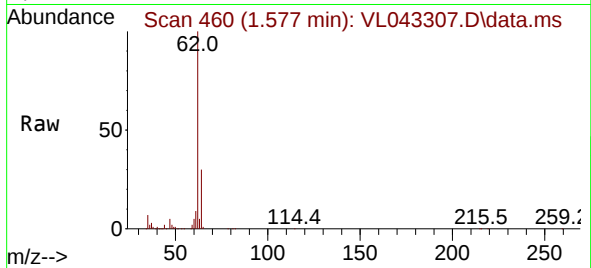




#5
 Vinyl Chloride
 Concen: 9.174 ppbv
 RT: 1.577 min Scan# 460
 Delta R.T. -0.000 min
 Lab File: VL043307.D
 Acq: 08 Dec 2025 10:24

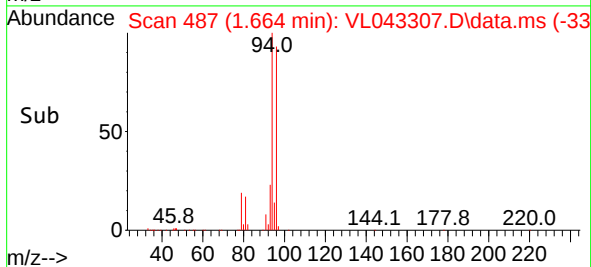
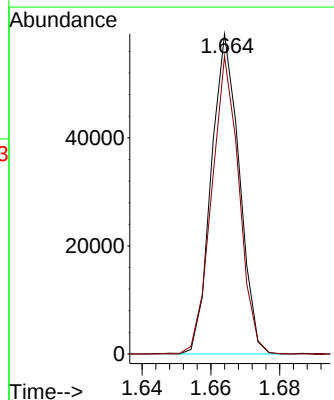
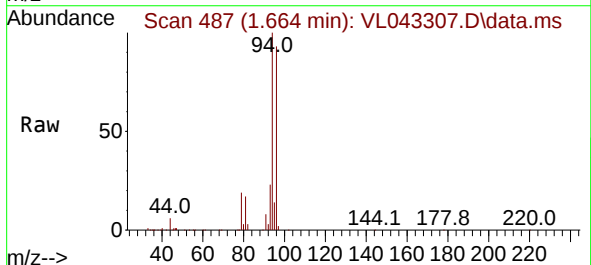
Instrument :
 MSVOA_1
 ClientSampleId :
 VL1208ABS01

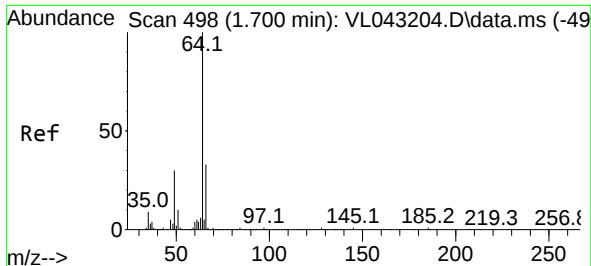
Tgt Ion: 62 Resp: 67921
 Ion Ratio Lower Upper
 62 100
 64 30.2 27.3 40.9



#6
 Bromomethane
 Concen: 9.340 ppbv
 RT: 1.664 min Scan# 487
 Delta R.T. -0.000 min
 Lab File: VL043307.D
 Acq: 08 Dec 2025 10:24

Tgt Ion: 94 Resp: 33521
 Ion Ratio Lower Upper
 94 100
 96 93.0 72.9 109.3

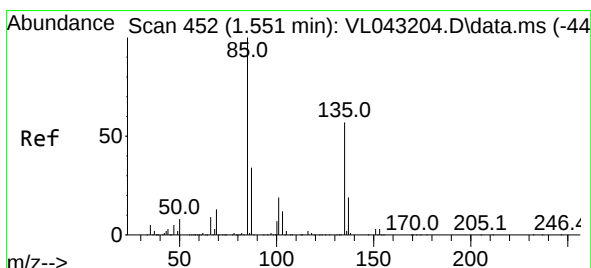
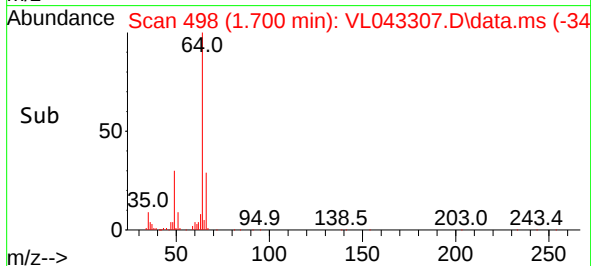
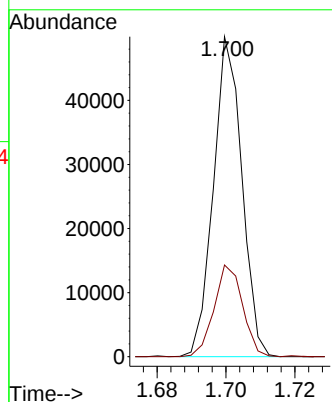
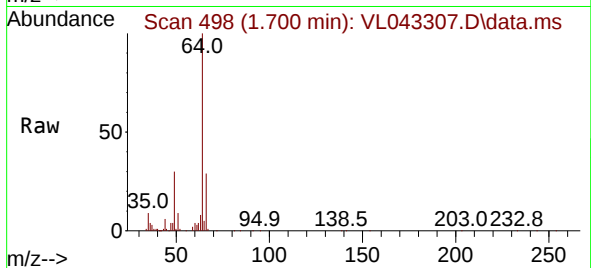




#7
Chloroethane
Concen: 9.919 ppbv
RT: 1.700 min Scan# 498
Delta R.T. -0.000 min
Lab File: VL043307.D
Acq: 08 Dec 2025 10:24

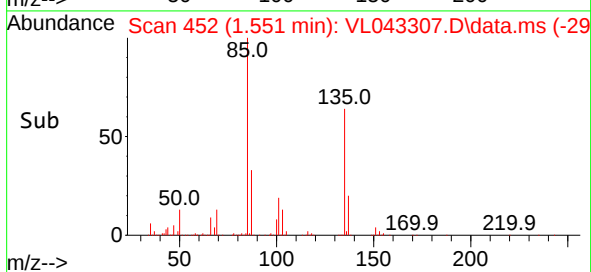
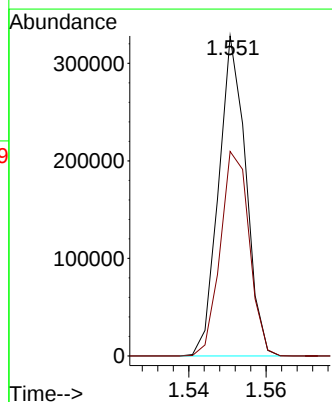
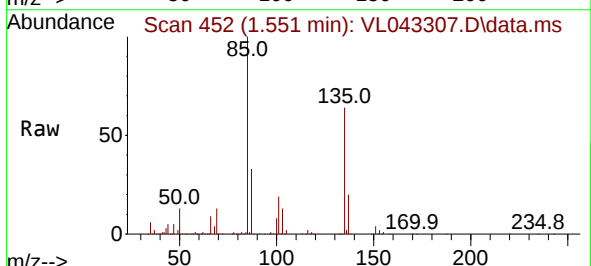
Instrument :
MSVOA_1
ClientSampleId :
VL1208ABS01

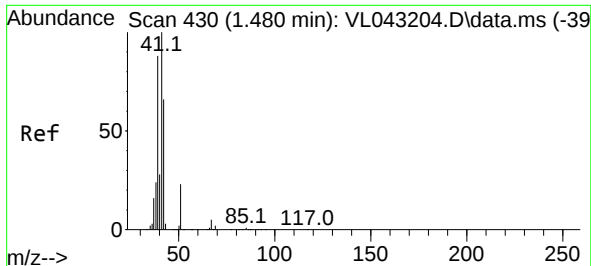
Tgt Ion: 64 Resp: 28601
Ion Ratio Lower Upper
64 100
66 28.6 26.8 40.2



#8
Dichlorotetrafluoroethane
Concen: 10.601 ppbv
RT: 1.551 min Scan# 452
Delta R.T. -0.000 min
Lab File: VL043307.D
Acq: 08 Dec 2025 10:24

Tgt Ion: 85 Resp: 159668
Ion Ratio Lower Upper
85 100
135 68.3 52.6 79.0





#9

Propene

Concen: 9.445 ppbv

RT: 1.479 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL043307.D

Acq: 08 Dec 2025 10:24

Instrument :

MSVOA_L

ClientSampleId :

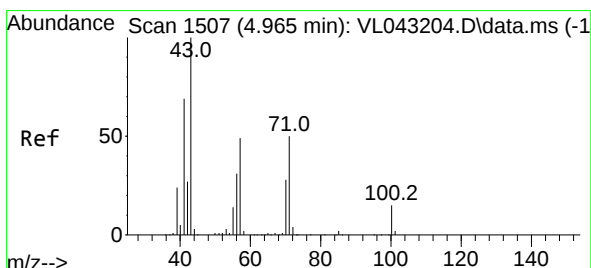
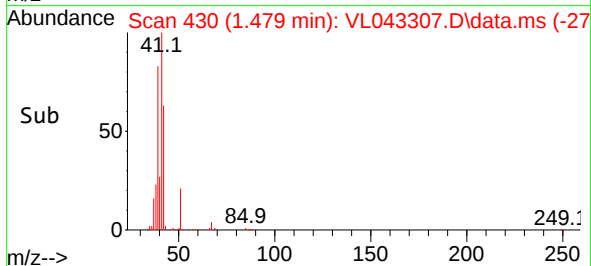
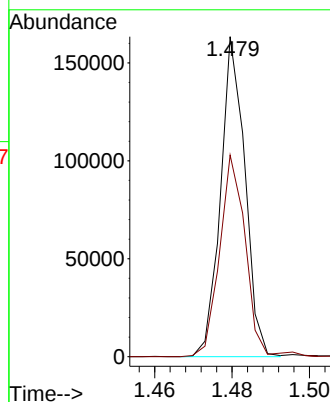
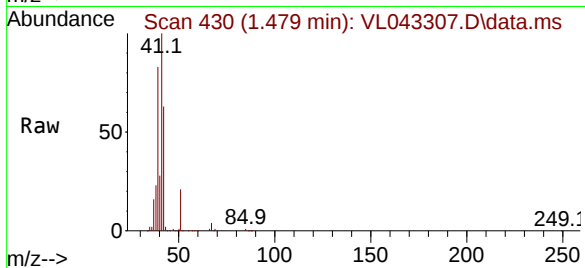
VL1208ABS01

Tgt Ion: 41 Resp: 71417

Ion Ratio Lower Upper

41 100

42 67.1 3.7 5.5#



#10

Heptane

Concen: 9.355 ppbv

RT: 4.962 min Scan# 1506

Delta R.T. -0.003 min

Lab File: VL043307.D

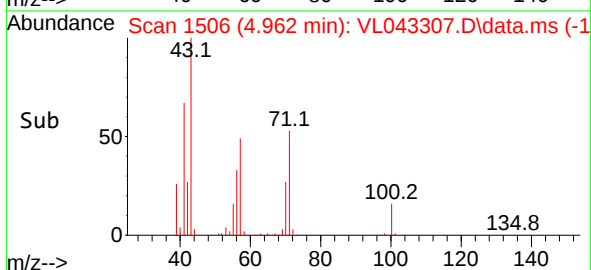
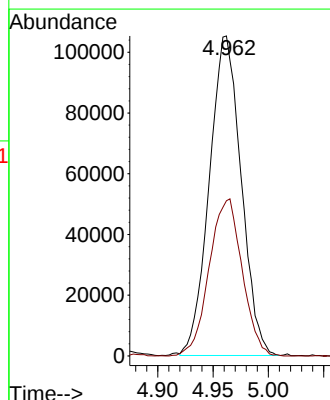
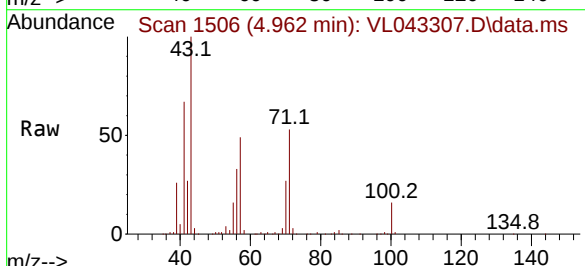
Acq: 08 Dec 2025 10:24

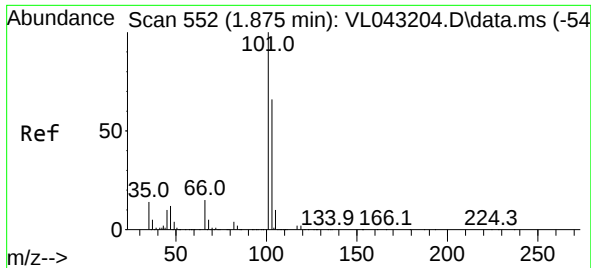
Tgt Ion: 43 Resp: 210516

Ion Ratio Lower Upper

43 100

57 50.9 39.7 59.5

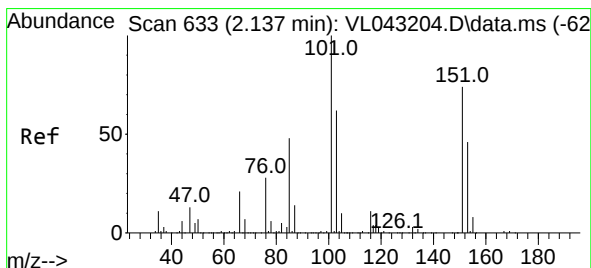
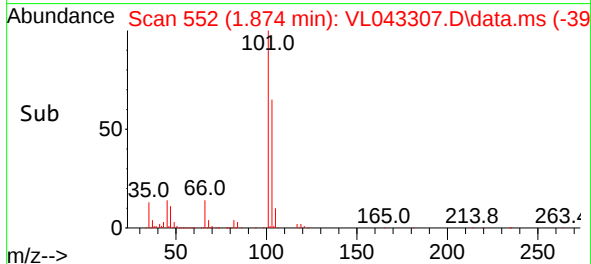
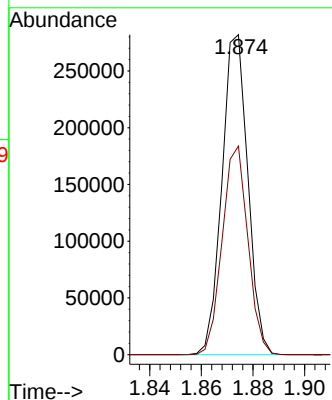
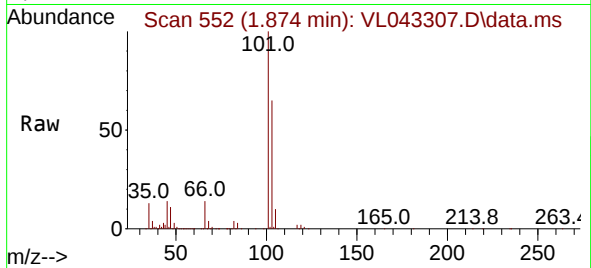




#11
Trichlorofluoromethane
Concen: 11.219 ppbv
RT: 1.874 min Scan# 51
Delta R.T. -0.000 min
Lab File: VL043307.D
Acq: 08 Dec 2025 10:24

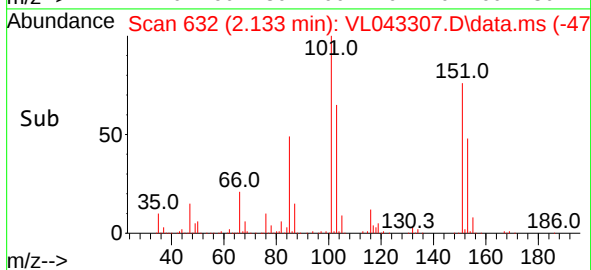
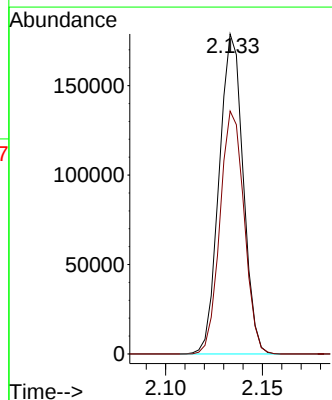
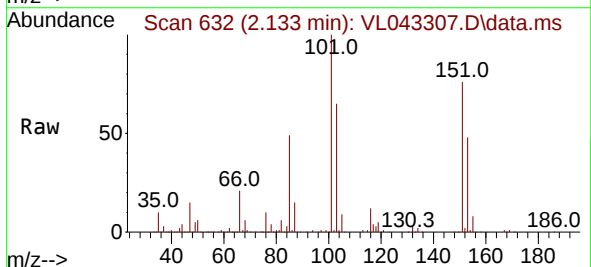
Instrument :
MSVOA_L
ClientSampleId :
VL1208ABS01

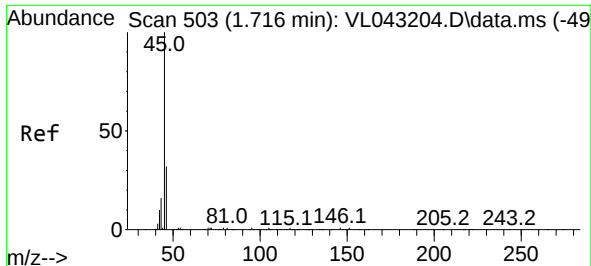
Tgt Ion:101 Resp: 196801
Ion Ratio Lower Upper
101 100
103 65.2 52.6 79.0



#12
1,1,2-Trichlorotrifluoroethane
Concen: 11.244 ppbv
RT: 2.133 min Scan# 632
Delta R.T. -0.003 min
Lab File: VL043307.D
Acq: 08 Dec 2025 10:24

Tgt Ion:101 Resp: 153996
Ion Ratio Lower Upper
101 100
151 76.4 59.2 88.8

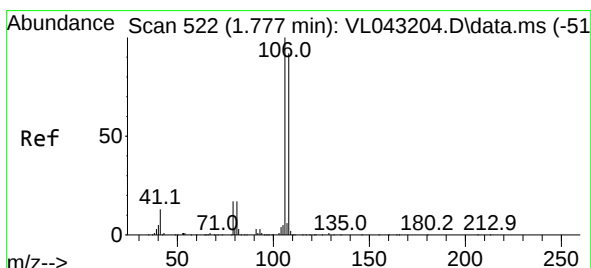
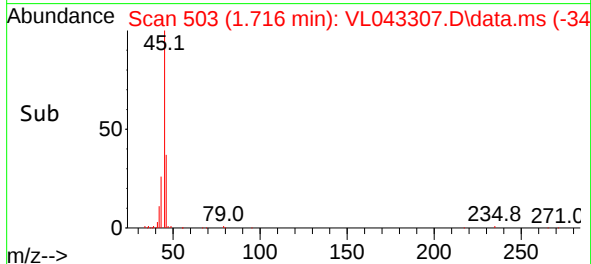
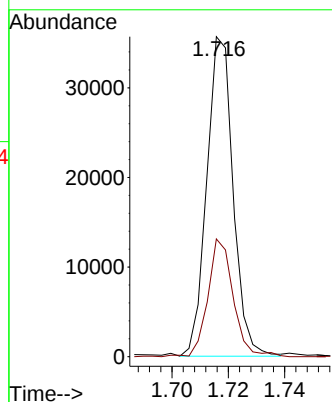
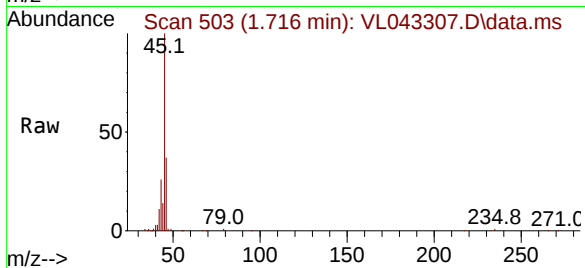




#13
Ethanol
Concen: 8.726 ppbv
RT: 1.716 min Scan# 503
Delta R.T. -0.000 min
Lab File: VL043307.D
Acq: 08 Dec 2025 10:24

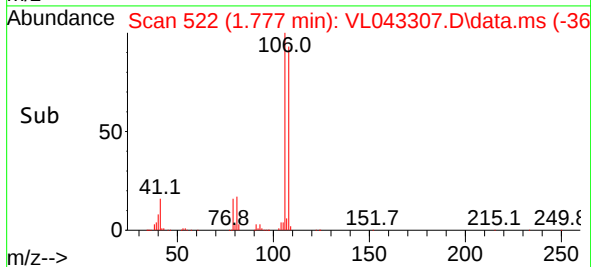
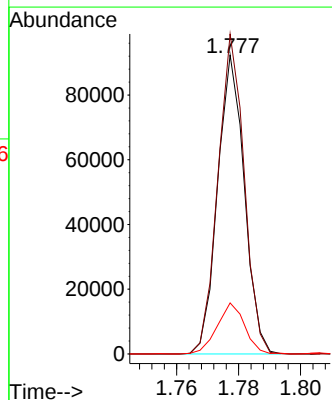
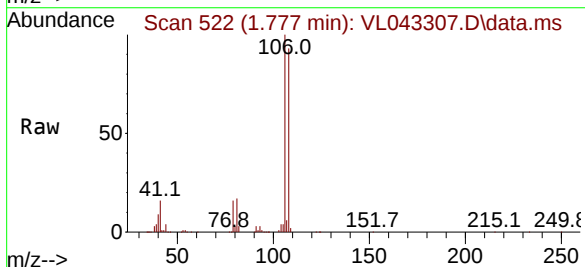
Instrument :
MSVOA_L
ClientSampleId :
VL1208ABS01

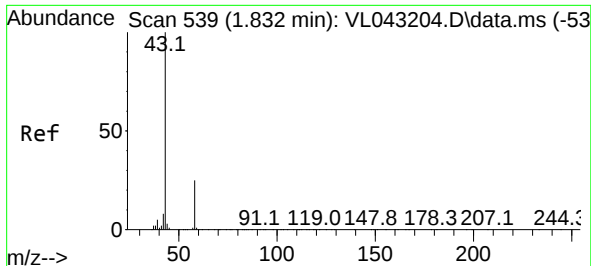
Tgt Ion: 45 Resp: 23202
Ion Ratio Lower Upper
45 100
46 35.5 15.0 59.8



#14
Bromoethene
Concen: 10.533 ppbv
RT: 1.777 min Scan# 522
Delta R.T. -0.000 min
Lab File: VL043307.D
Acq: 08 Dec 2025 10:24

Tgt Ion: 108 Resp: 55304
Ion Ratio Lower Upper
108 100
106 104.9 88.9 133.3
79 17.7 16.5 24.7

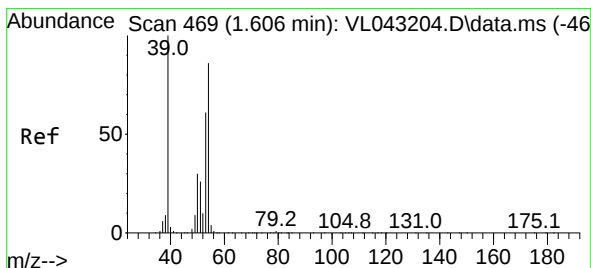
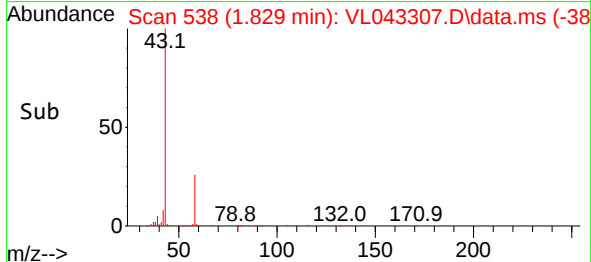
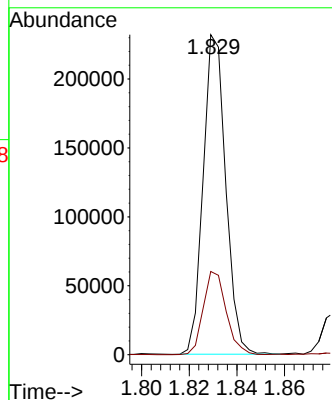
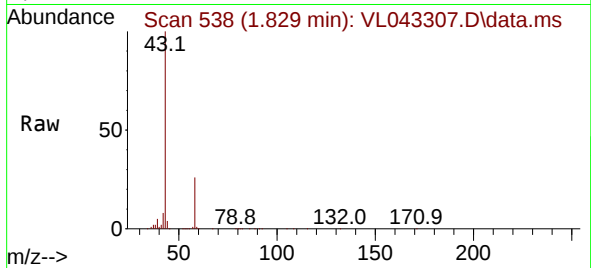




#15
Acetone
Concen: 8.567 ppbv
RT: 1.829 min Scan# 51
Delta R.T. -0.003 min
Lab File: VL043307.D
Acq: 08 Dec 2025 10:24

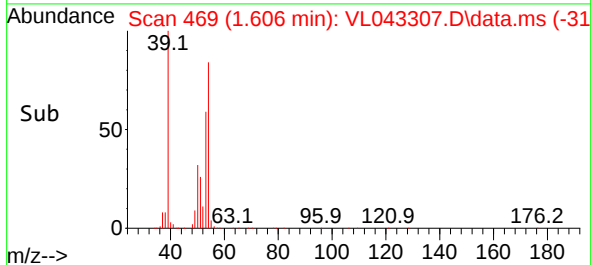
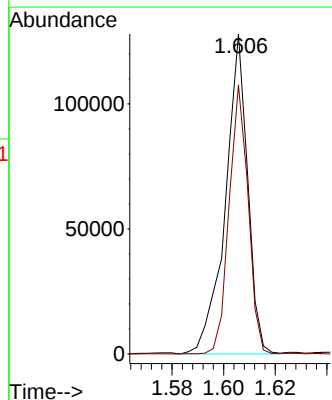
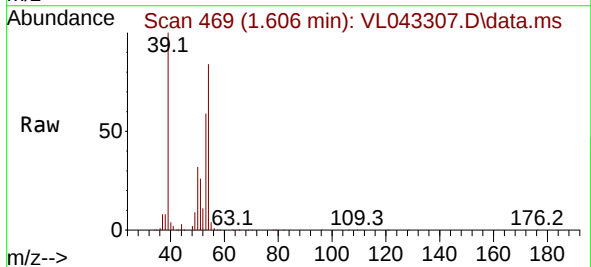
Instrument :
MSVOA_L
ClientSampleId :
VL1208ABS01

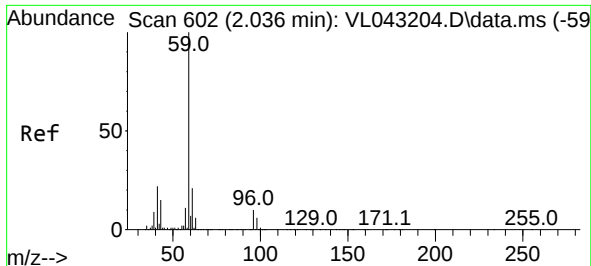
Tgt Ion: 43 Resp: 152789
Ion Ratio Lower Upper
43 100
58 26.6 20.7 31.1



#16
1,3-Butadiene
Concen: 9.645 ppbv
RT: 1.606 min Scan# 469
Delta R.T. -0.000 min
Lab File: VL043307.D
Acq: 08 Dec 2025 10:24

Tgt Ion: 39 Resp: 76687
Ion Ratio Lower Upper
39 100
54 71.8 59.4 89.2





#17

tert-Butyl alcohol

Concen: 8.942 ppbv

RT: 2.033 min Scan# 602

Delta R.T. -0.003 min

Lab File: VL043307.D

Acq: 08 Dec 2025 10:24

Instrument :

MSVOA_L

ClientSampleId :

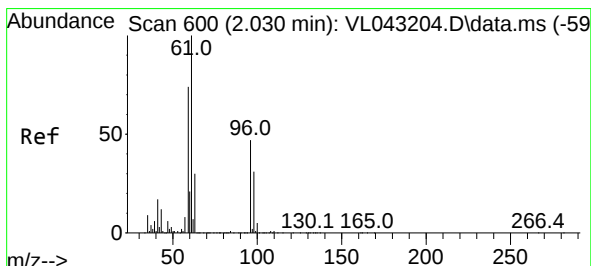
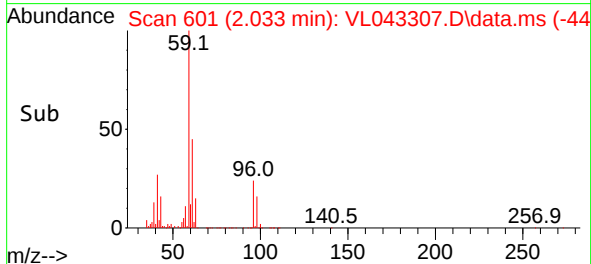
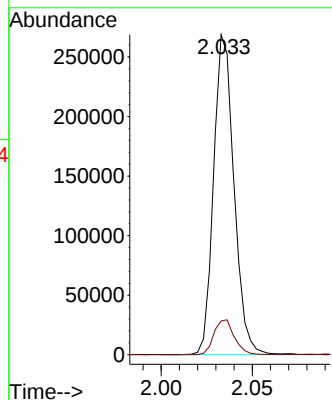
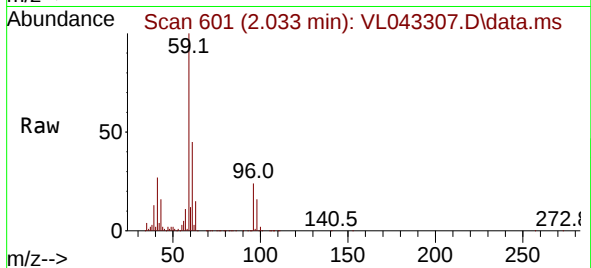
VL1208ABS01

Tgt Ion: 59 Resp: 209336

Ion Ratio Lower Upper

59 100

57 11.2 9.0 13.4



#18

1,1-Dichloroethene

Concen: 10.237 ppbv

RT: 2.030 min Scan# 600

Delta R.T. -0.000 min

Lab File: VL043307.D

Acq: 08 Dec 2025 10:24

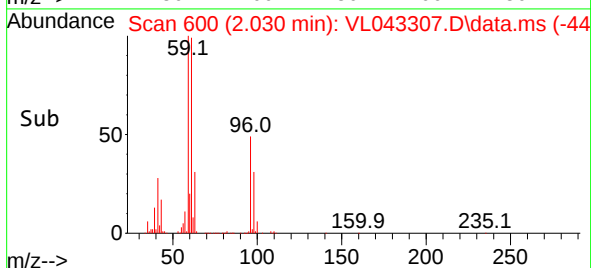
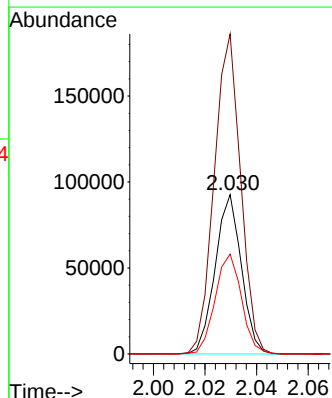
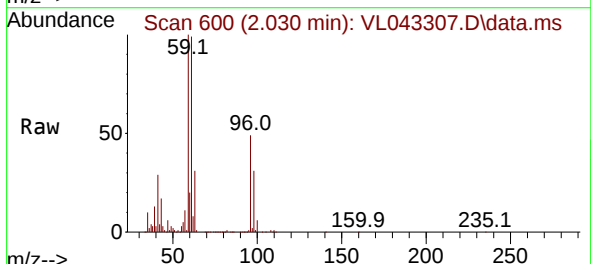
Tgt Ion: 96 Resp: 65282

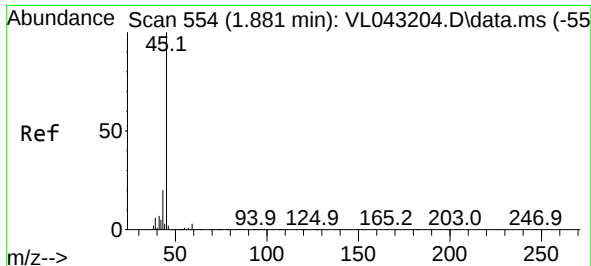
Ion Ratio Lower Upper

96 100

61 200.9 170.6 255.8

98 62.7 52.2 78.4

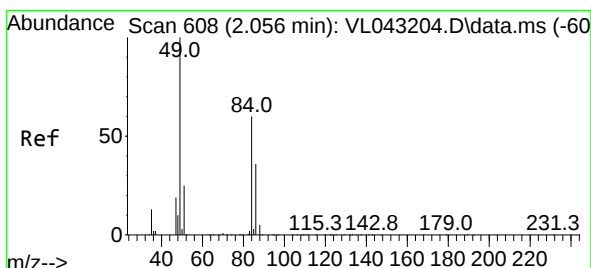
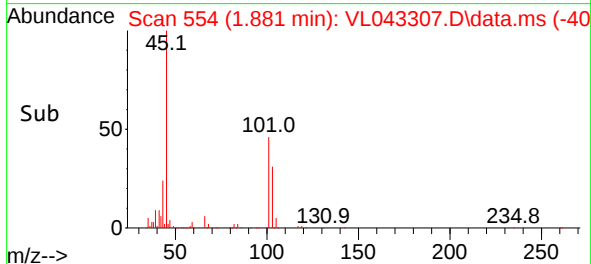
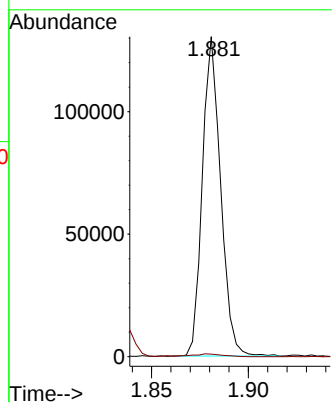
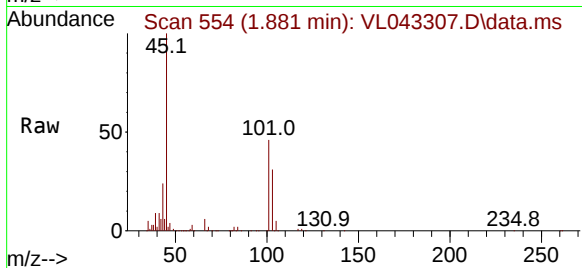




#19
Isopropyl Alcohol
Concen: 8.506 ppbv
RT: 1.881 min Scan# 51
Delta R.T. -0.000 min
Lab File: VL043307.D
Acq: 08 Dec 2025 10:24

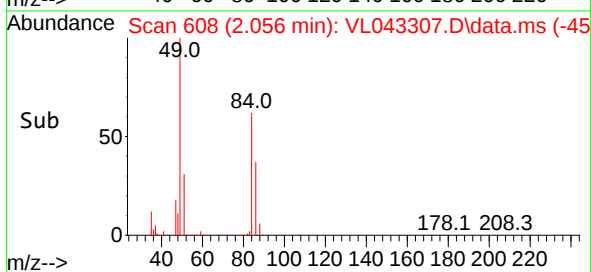
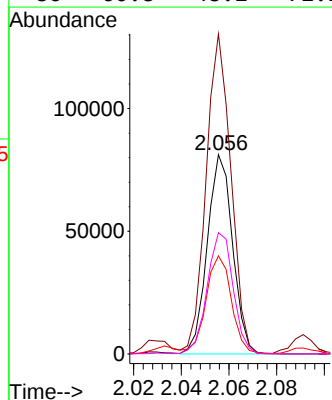
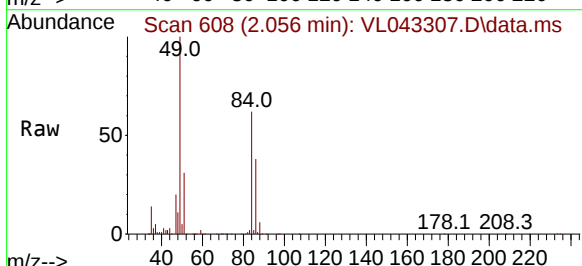
Instrument :
MSVOA_L
ClientSampleId :
VL1208ABS01

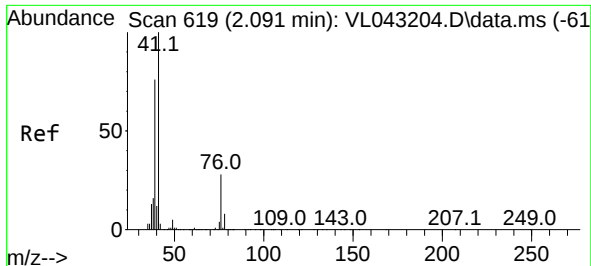
Tgt Ion: 45 Resp: 85723
Ion Ratio Lower Upper
45 100
58 47.5 31.3 46.9#



#20
Methylene Chloride
Concen: 11.551 ppbv
RT: 2.056 min Scan# 608
Delta R.T. -0.000 min
Lab File: VL043307.D
Acq: 08 Dec 2025 10:24

Tgt Ion: 84 Resp: 60065
Ion Ratio Lower Upper
84 100
49 158.6 132.9 199.3
51 48.9 34.8 52.2
86 60.8 48.2 72.2

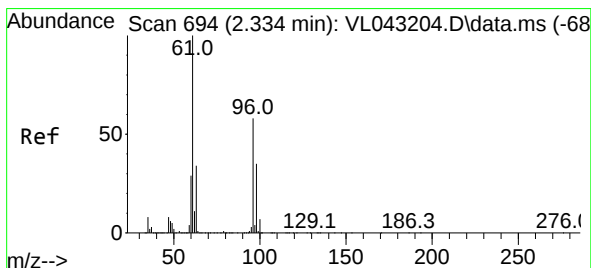
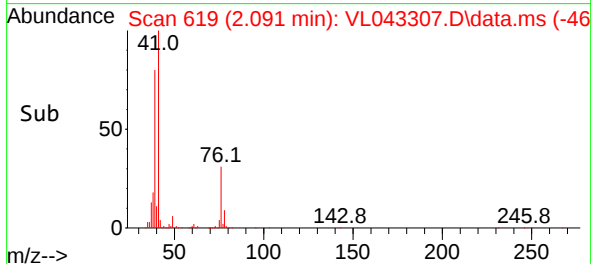
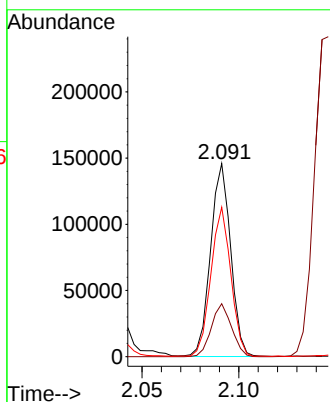
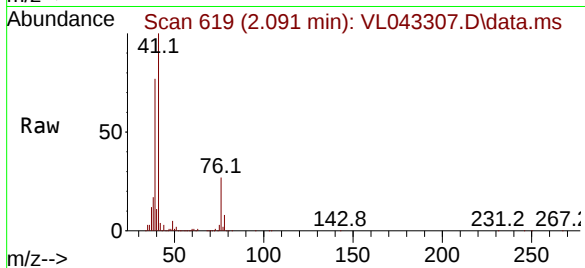




#21
 Allyl Chloride
 Concen: 8.773 ppbv
 RT: 2.091 min Scan# 619
 Delta R.T. -0.000 min
 Lab File: VL043307.D
 Acq: 08 Dec 2025 10:24

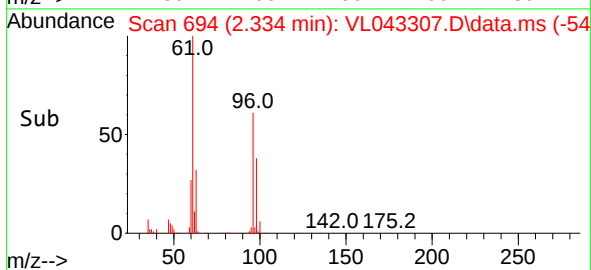
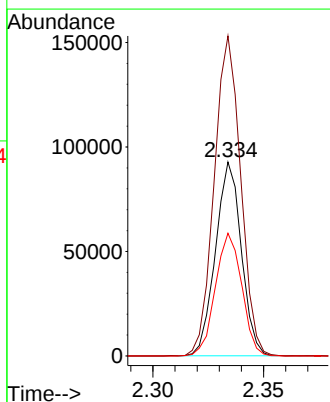
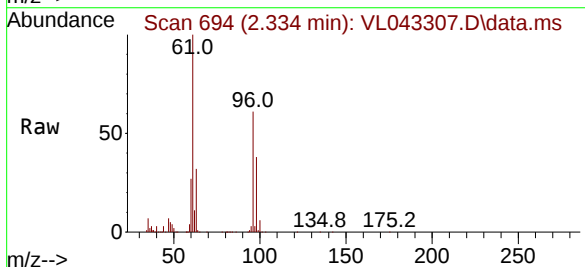
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1208ABS01

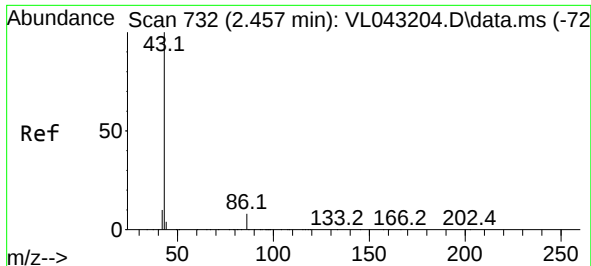
Tgt Ion: 41 Resp: 105272
 Ion Ratio Lower Upper
 41 100
 76 27.6 22.1 33.1
 39 76.5 61.0 91.4



#22
 trans-1,2-Dichloroethene
 Concen: 10.348 ppbv
 RT: 2.334 min Scan# 694
 Delta R.T. -0.000 min
 Lab File: VL043307.D
 Acq: 08 Dec 2025 10:24

Tgt Ion: 96 Resp: 75422
 Ion Ratio Lower Upper
 96 100
 61 165.0 139.0 208.6
 98 63.3 49.4 74.2

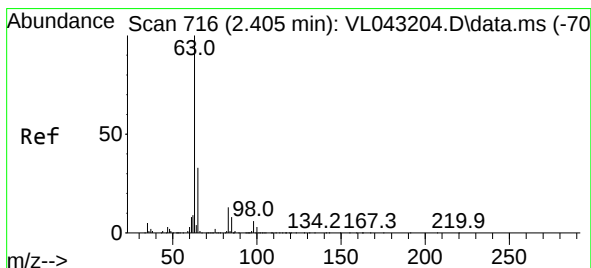
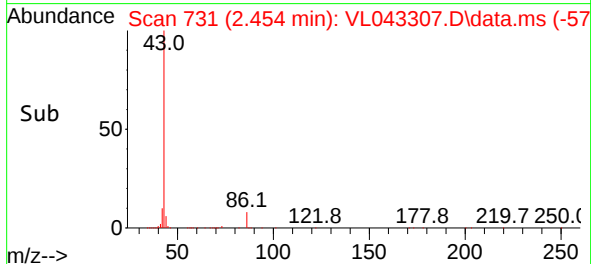
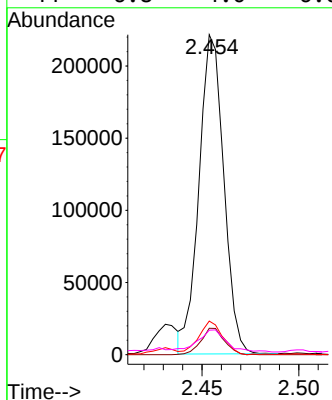
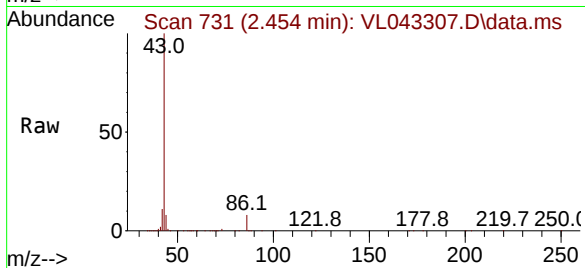




#23
 Vinyl Acetate
 Concen: 9.159 ppbv
 RT: 2.454 min Scan# 715
 Delta R.T. -0.003 min
 Lab File: VL043307.D
 Acq: 08 Dec 2025 10:24

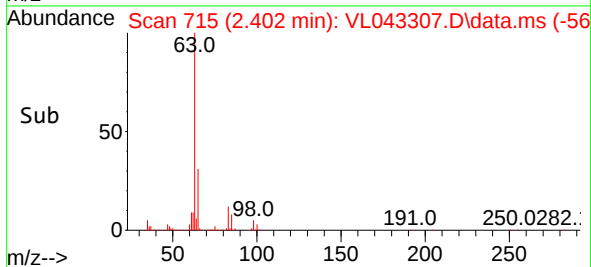
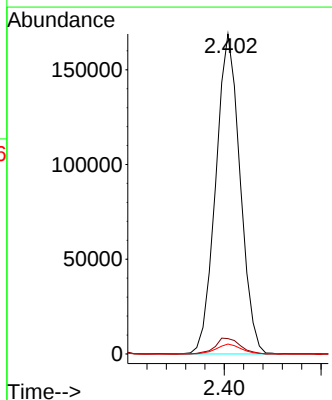
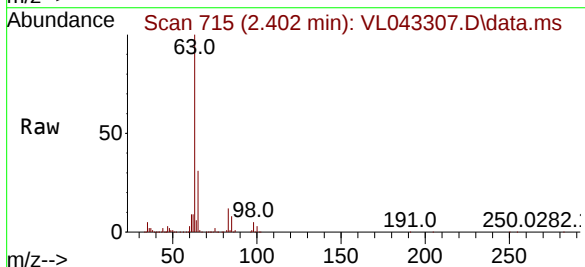
Instrument :
 MSVOA_1
 ClientSampleId :
 VL1208ABS01

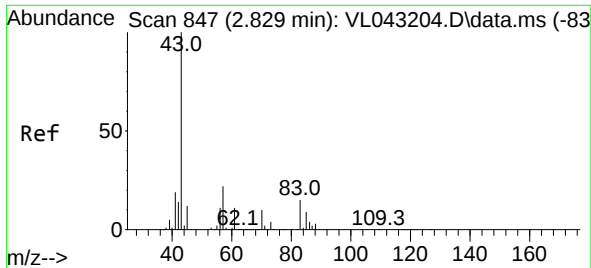
Tgt Ion: 43 Resp: 197206
 Ion Ratio Lower Upper
 43 100
 86 8.3 6.2 9.2
 42 10.1 8.0 12.0
 44 6.8 4.0 6.0#



#24
 1,1-Dichloroethane
 Concen: 10.453 ppbv
 RT: 2.402 min Scan# 715
 Delta R.T. -0.003 min
 Lab File: VL043307.D
 Acq: 08 Dec 2025 10:24

Tgt Ion: 63 Resp: 147058
 Ion Ratio Lower Upper
 63 100
 98 4.8 2.8 8.4
 100 3.1 1.3 3.9



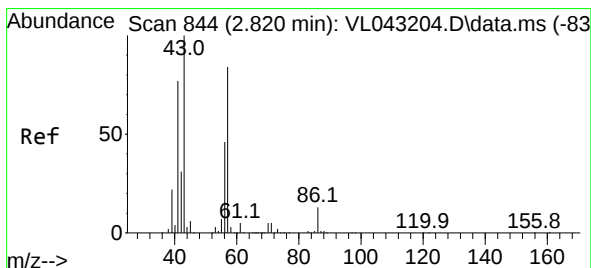
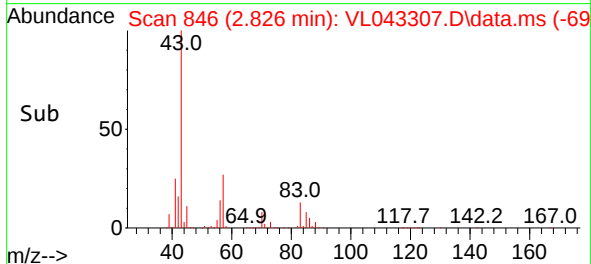
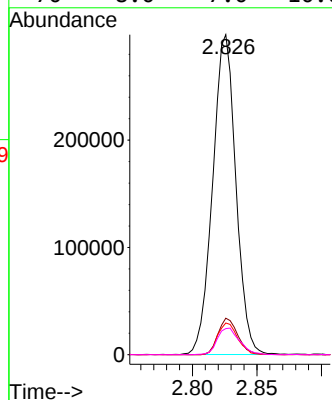
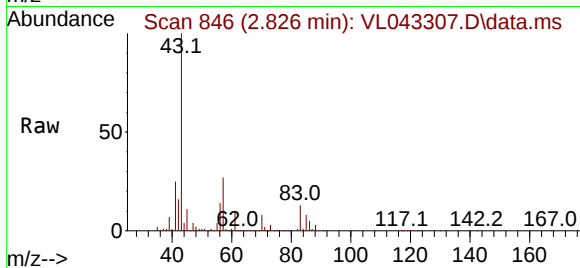


#25
Ethyl Acetate
Concen: 9.678 ppbv
RT: 2.826 min Scan# 84
Delta R.T. -0.003 min
Lab File: VL043307.D
Acq: 08 Dec 2025 10:24

Instrument :
MSVOA_L
ClientSampleId :
VL1208ABS01

Tgt Ion: 43 Resp: 372295

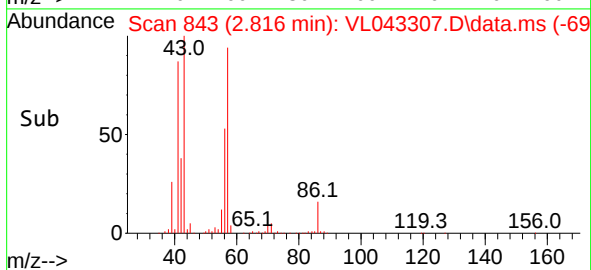
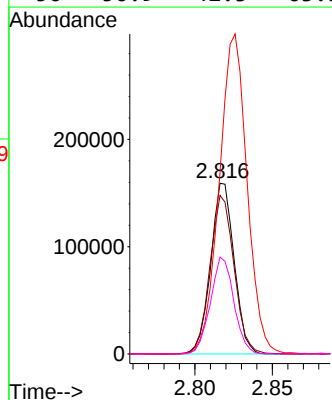
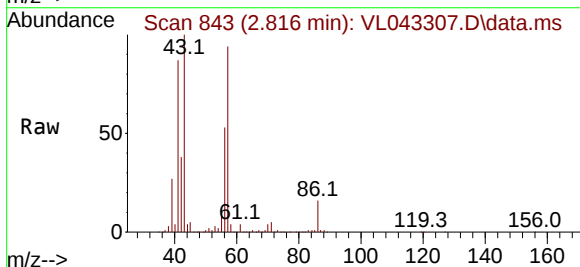
Ion	Ratio	Lower	Upper
43	100		
45	9.8	8.1	12.1
61	8.6	7.0	10.4
70	8.0	7.0	10.6

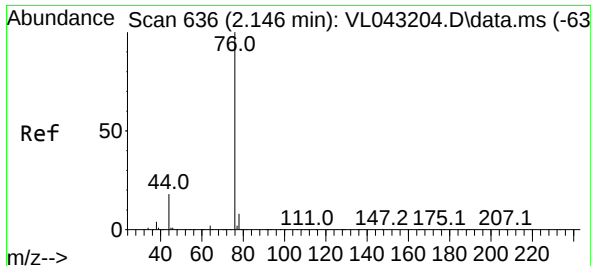


#26
Hexane
Concen: 9.898 ppbv
RT: 2.816 min Scan# 843
Delta R.T. -0.003 min
Lab File: VL043307.D
Acq: 08 Dec 2025 10:24

Tgt Ion: 57 Resp: 166920

Ion	Ratio	Lower	Upper
57	100		
41	96.6	74.6	111.8
43	224.2	179.0	268.4
56	56.9	42.3	63.5





#27

Carbon Disulfide

Concen: 11.057 ppbv

RT: 2.146 min Scan# 61

Delta R.T. -0.000 min

Lab File: VL043307.D

Acq: 08 Dec 2025 10:24

Instrument :

MSVOA_L

ClientSampleId :

VL1208ABS01

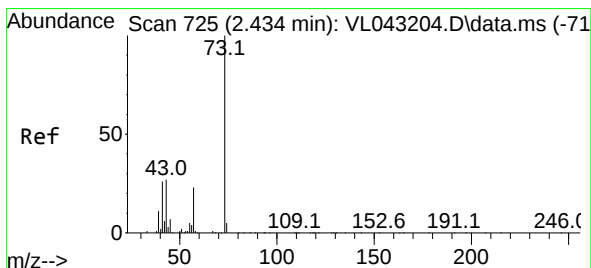
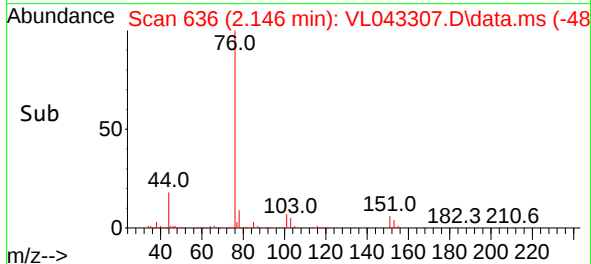
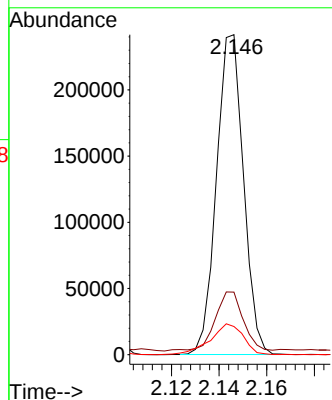
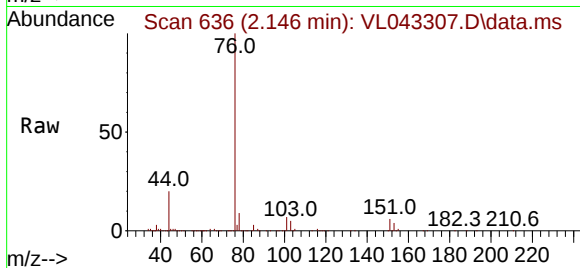
Tgt Ion: 76 Resp: 190369

Ion Ratio Lower Upper

76 100

44 19.1 16.1 24.1

78 11.8 9.6 14.4



#28

Methyl tert-Butyl Ether

Concen: 9.389 ppbv

RT: 2.431 min Scan# 724

Delta R.T. -0.003 min

Lab File: VL043307.D

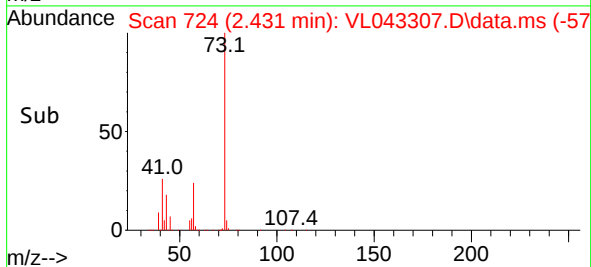
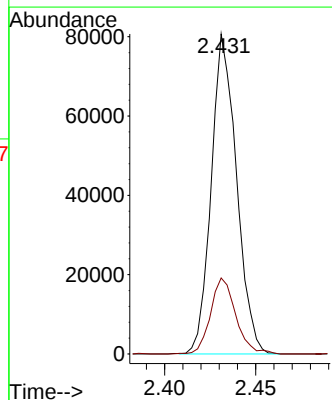
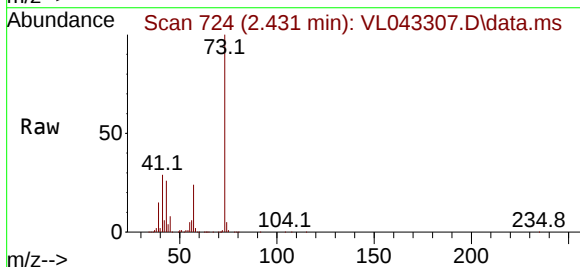
Acq: 08 Dec 2025 10:24

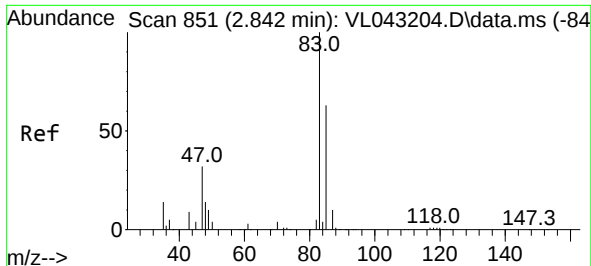
Tgt Ion: 73 Resp: 77723

Ion Ratio Lower Upper

73 100

57 23.8 19.8 29.8





#29

Chloroform

Concen: 11.703 ppbv

RT: 2.839 min Scan# 81

Delta R.T. -0.003 min

Lab File: VL043307.D

Acq: 08 Dec 2025 10:24

Instrument :

MSVOA_L

ClientSampleId :

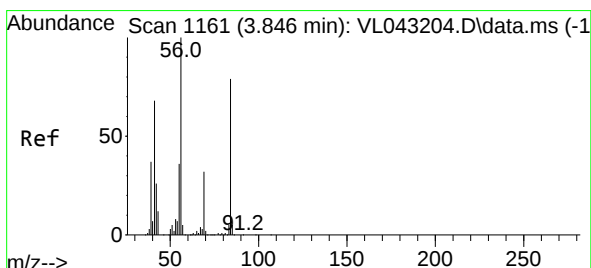
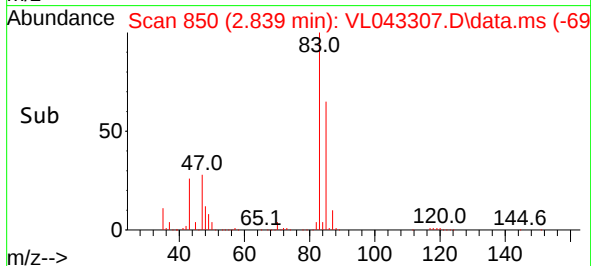
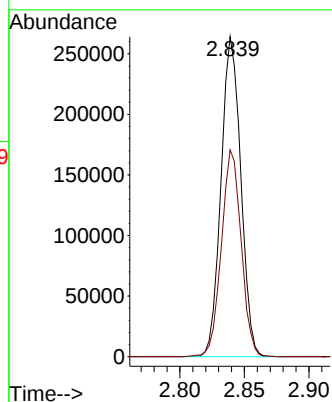
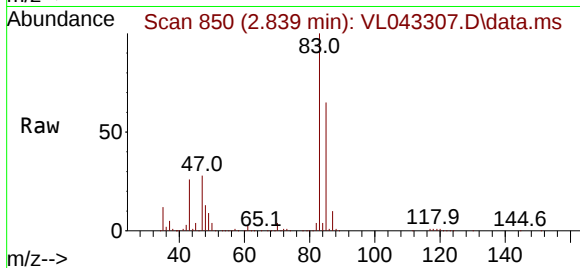
VL1208ABS01

Tgt Ion: 83 Resp: 280544

Ion Ratio Lower Upper

83 100

85 64.6 50.5 75.7



#30

Cyclohexane

Concen: 9.681 ppbv

RT: 3.842 min Scan# 1160

Delta R.T. -0.003 min

Lab File: VL043307.D

Acq: 08 Dec 2025 10:24

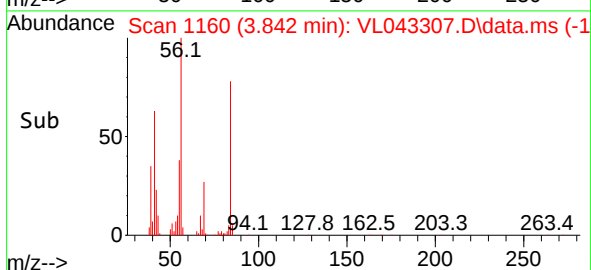
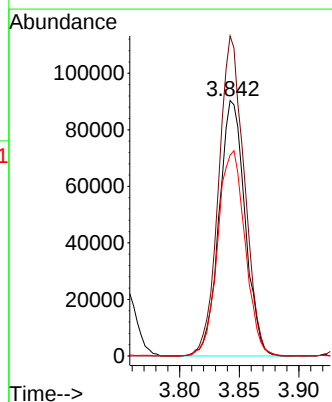
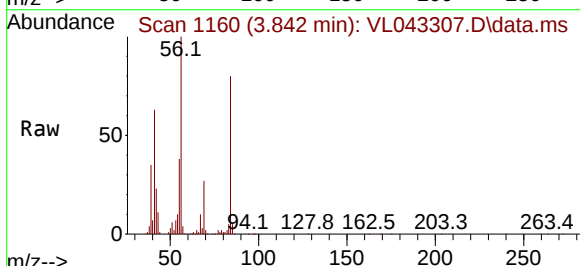
Tgt Ion: 84 Resp: 136887

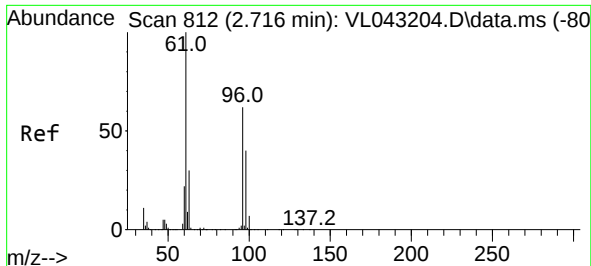
Ion Ratio Lower Upper

84 100

56 123.4 104.7 157.1

41 84.6 69.0 103.6

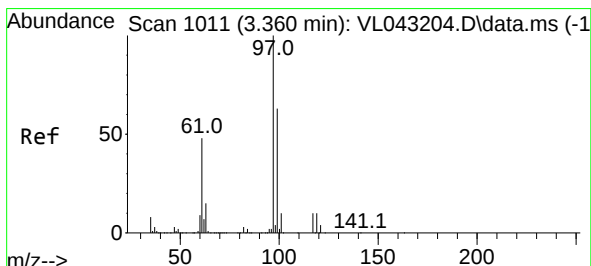
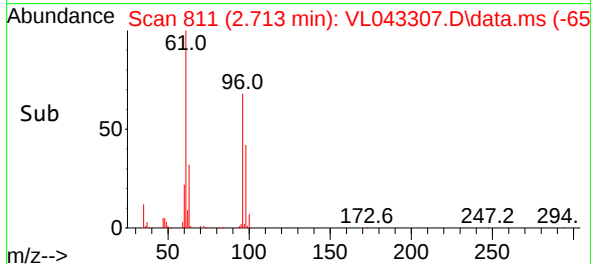
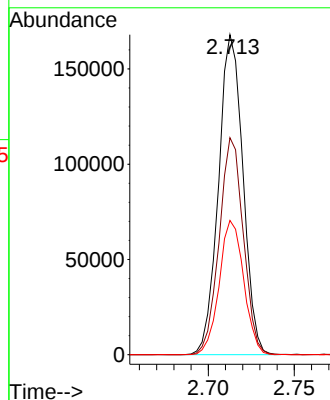
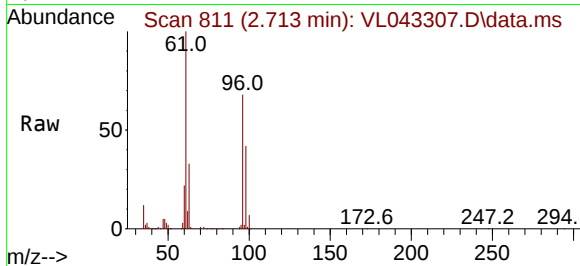




#31
 cis-1,2-Dichloroethene
 Concen: 9.915 ppbv
 RT: 2.713 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VL043307.D
 Acq: 08 Dec 2025 10:24

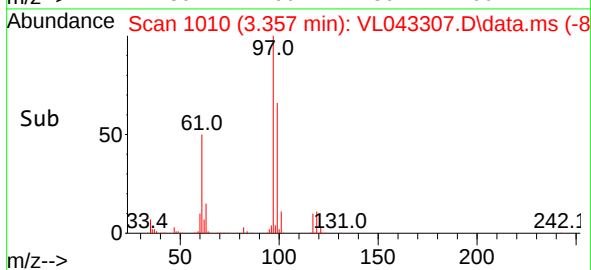
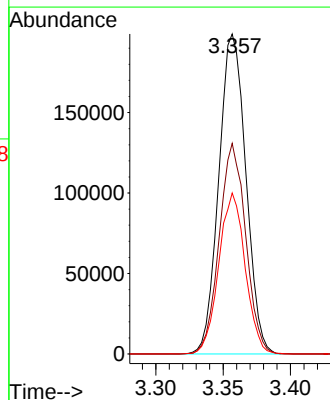
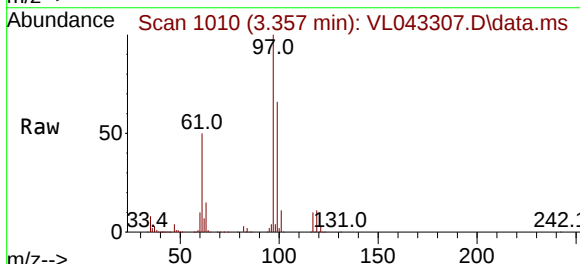
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1208ABS01

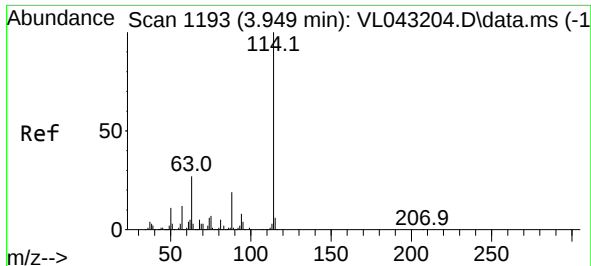
Tgt Ion: 61 Resp: 166197
 Ion Ratio Lower Upper
 61 100
 96 67.8 49.3 73.9
 98 42.0 32.1 48.1



#32
 1,1,1-Trichloroethane
 Concen: 10.886 ppbv
 RT: 3.357 min Scan# 1010
 Delta R.T. -0.003 min
 Lab File: VL043307.D
 Acq: 08 Dec 2025 10:24

Tgt Ion: 97 Resp: 278163
 Ion Ratio Lower Upper
 97 100
 99 64.3 50.3 75.5
 61 49.0 38.9 58.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.946 min Scan# 1192

Delta R.T. -0.003 min

Lab File: VL043307.D

Acq: 08 Dec 2025 10:24

Instrument :

MSVOA_L

ClientSampleId :

VL1208ABS01

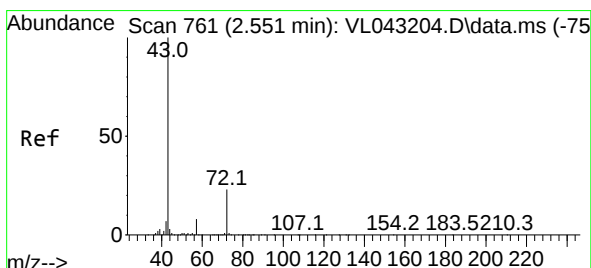
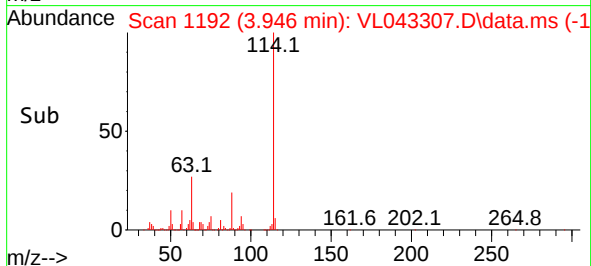
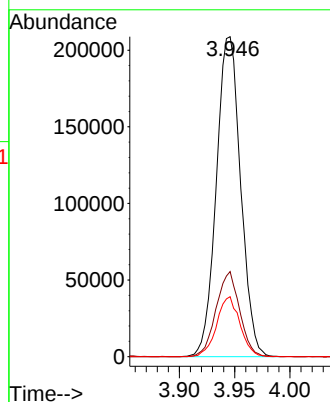
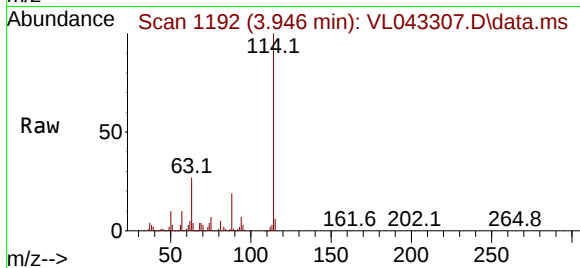
Tgt Ion:114 Resp: 319254

Ion Ratio Lower Upper

114 100

63 25.8 21.0 31.6

88 17.9 14.9 22.3



#34

2-Butanone

Concen: 10.307 ppbv

RT: 2.548 min Scan# 760

Delta R.T. -0.003 min

Lab File: VL043307.D

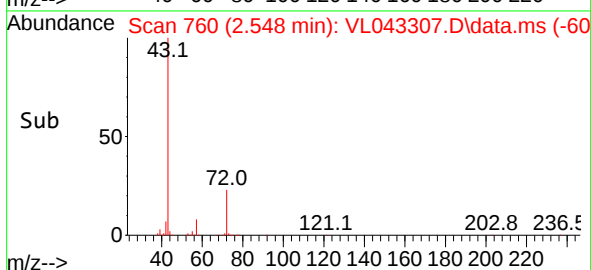
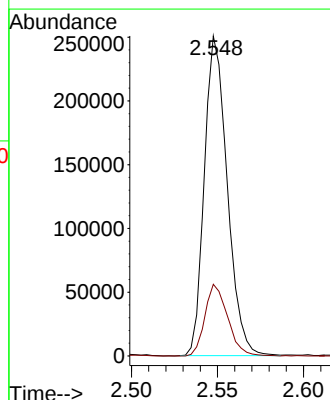
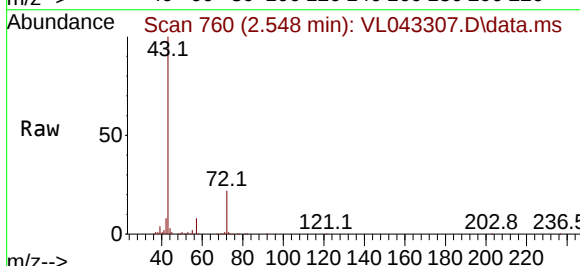
Acq: 08 Dec 2025 10:24

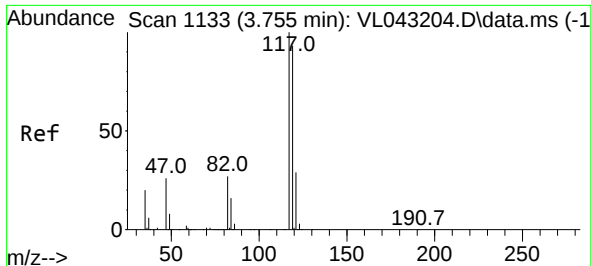
Tgt Ion: 43 Resp: 232285

Ion Ratio Lower Upper

43 100

72 22.3 18.1 27.1

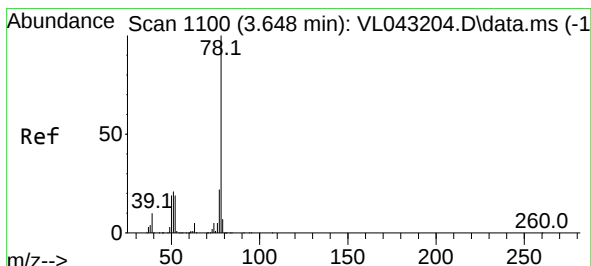
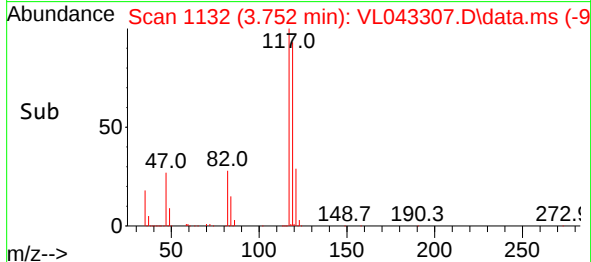
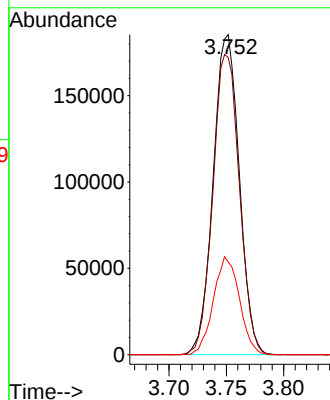
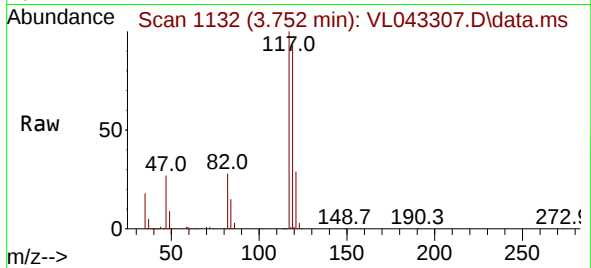




#35
Carbon Tetrachloride
Concen: 12.109 ppbv
RT: 3.752 min Scan# 1133
Delta R.T. -0.003 min
Lab File: VL043307.D
Acq: 08 Dec 2025 10:24

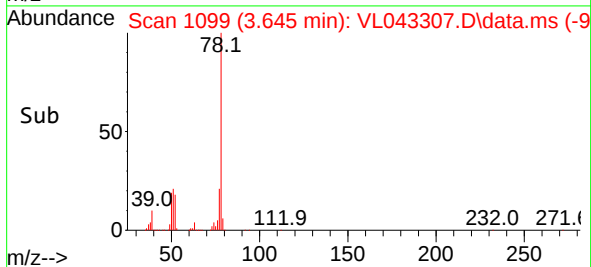
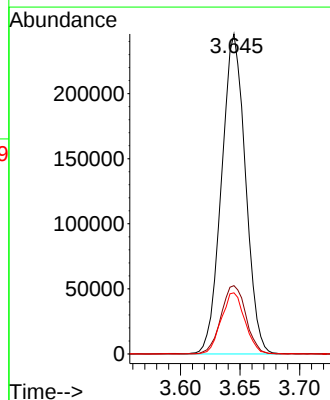
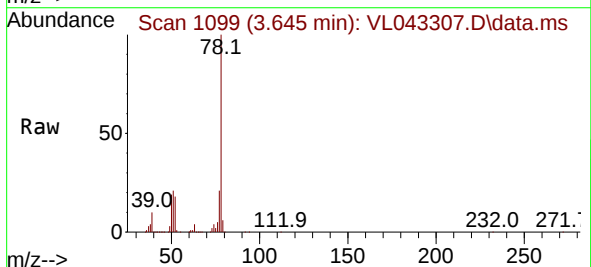
Instrument :
MSVOA_L
ClientSampleId :
VL1208ABS01

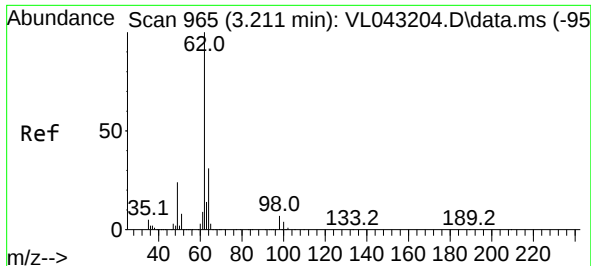
Tgt Ion:117 Resp: 293430
Ion Ratio Lower Upper
117 100
119 92.9 74.6 112.0
121 29.0 23.2 34.8



#36
Benzene
Concen: 11.194 ppbv
RT: 3.645 min Scan# 1099
Delta R.T. -0.003 min
Lab File: VL043307.D
Acq: 08 Dec 2025 10:24

Tgt Ion: 78 Resp: 342251
Ion Ratio Lower Upper
78 100
77 21.3 17.5 26.3
50 19.1 15.5 23.3

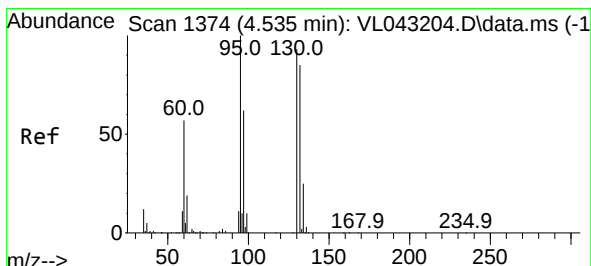
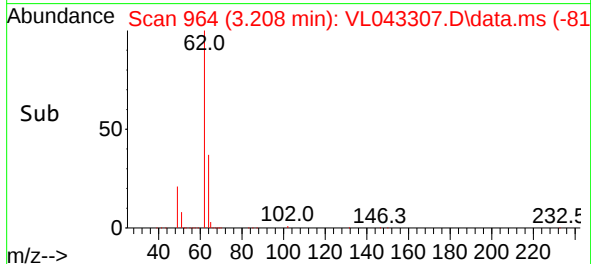
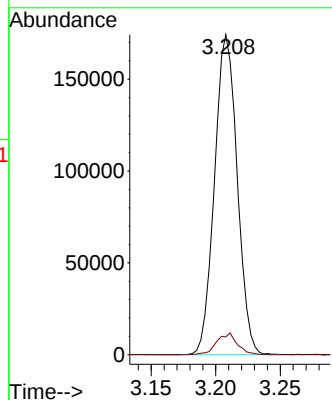
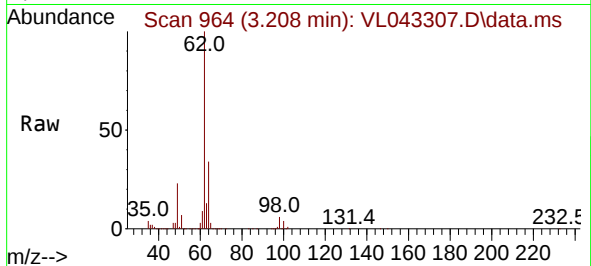




#37
1,2-Dichloroethane
Concen: 11.880 ppbv
RT: 3.208 min Scan# 964
Delta R.T. -0.003 min
Lab File: VL043307.D
Acq: 08 Dec 2025 10:24

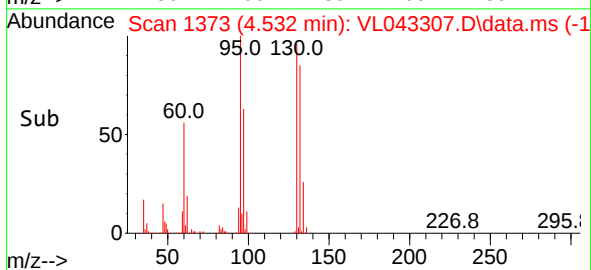
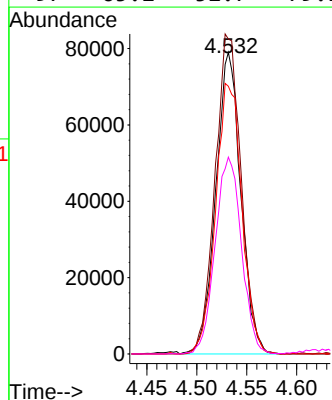
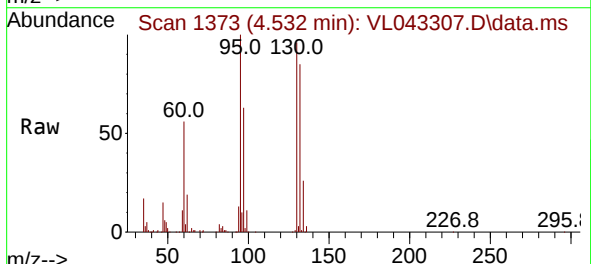
Instrument :
MSVOA_L
ClientSampleId :
VL1208ABS01

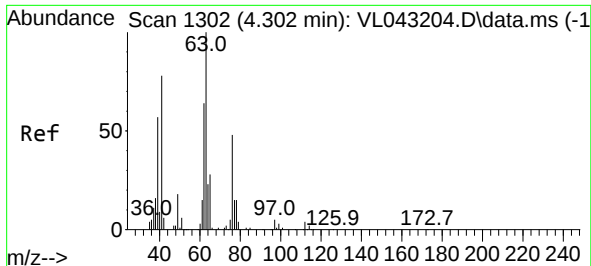
Tgt Ion: 62 Resp: 212457
Ion Ratio Lower Upper
62 100
98 6.2 5.5 8.3



#38
Trichloroethene
Concen: 11.493 ppbv
RT: 4.532 min Scan# 1373
Delta R.T. -0.003 min
Lab File: VL043307.D
Acq: 08 Dec 2025 10:24

Tgt Ion:130 Resp: 137474
Ion Ratio Lower Upper
130 100
95 104.4 85.7 128.5
132 88.8 73.4 110.0
97 65.2 52.7 79.1





#39

1,2-Dichloropropane

Concen: 10.934 ppbv

RT: 4.295 min Scan# 1

Delta R.T. -0.007 min

Lab File: VL043307.D

Acq: 08 Dec 2025 10:24

Instrument :

MSVOA_L

ClientSampleId :

VL1208ABS01

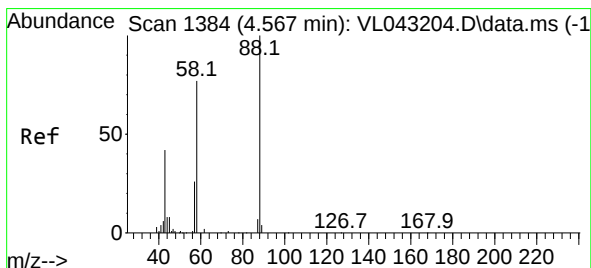
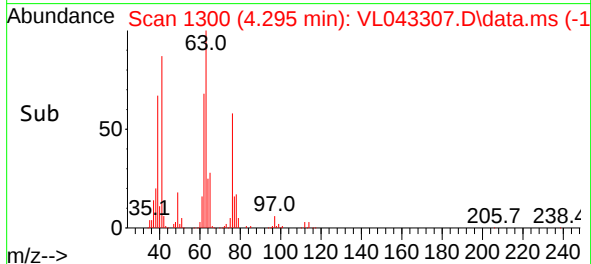
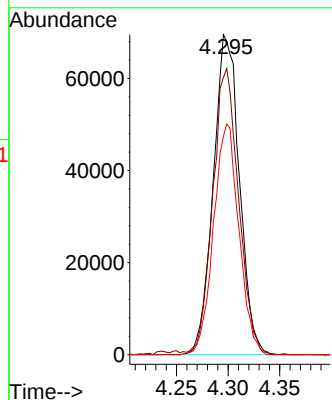
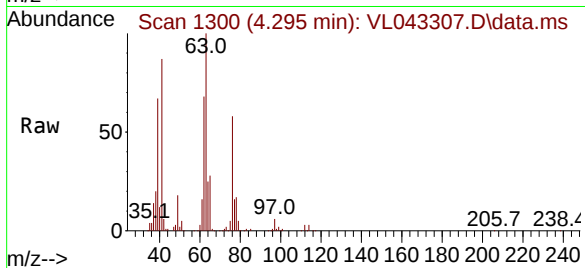
Tgt Ion: 63 Resp: 122348

Ion Ratio Lower Upper

63 100

41 86.4 62.6 93.8

62 68.2 51.0 76.6



#40

1,4-Dioxane

Concen: 8.743 ppbv

RT: 4.564 min Scan# 1383

Delta R.T. -0.003 min

Lab File: VL043307.D

Acq: 08 Dec 2025 10:24

Tgt Ion: 88 Resp: 43982

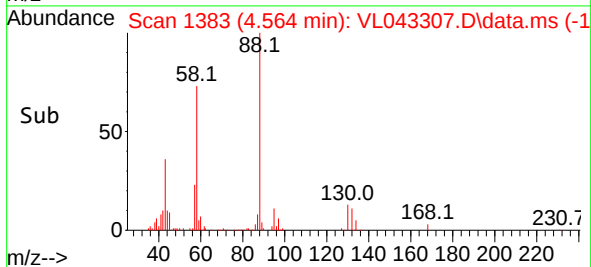
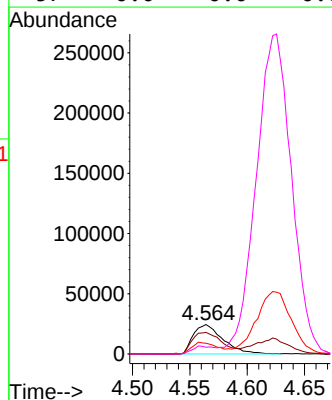
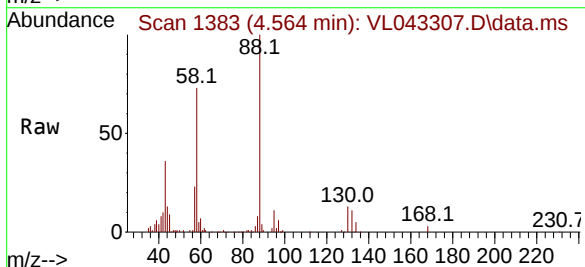
Ion Ratio Lower Upper

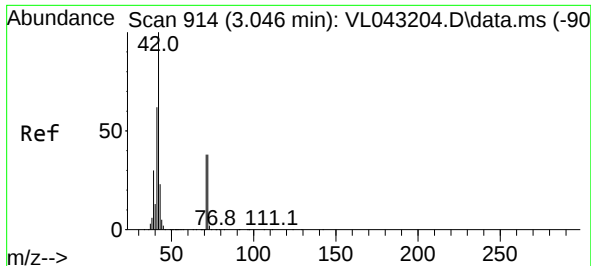
88 100

58 76.2 63.0 94.6

43 37.8 32.5 48.7

57 0.0 0.0 0.0

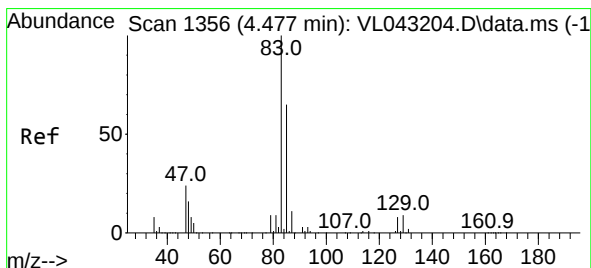
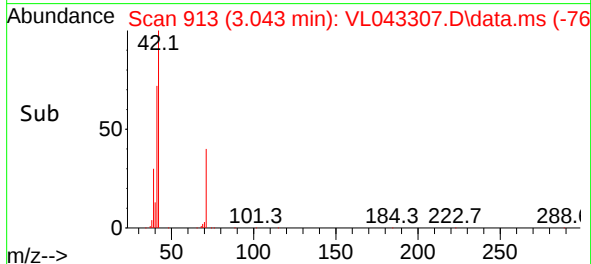
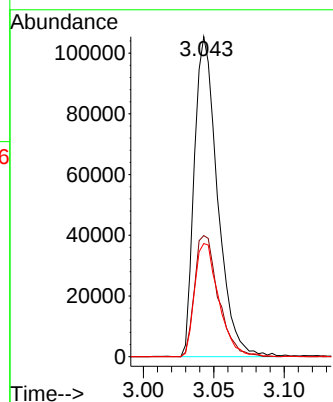
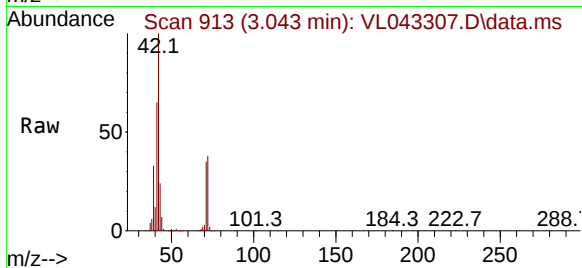




#41
Tetrahydrofuran
Concen: 9.747 ppbv
RT: 3.043 min Scan# 914
Delta R.T. -0.003 min
Lab File: VL043307.D
Acq: 08 Dec 2025 10:24

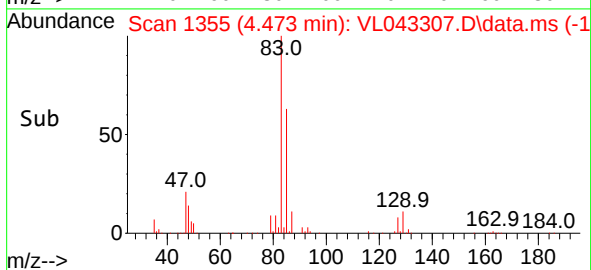
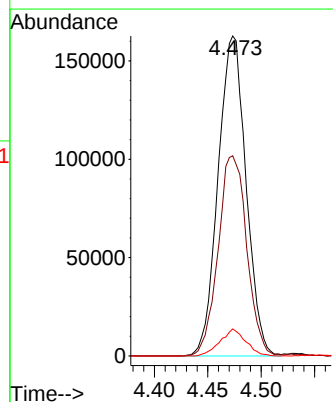
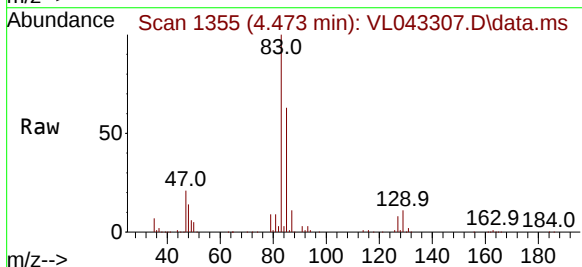
Instrument :
MSVOA_L
ClientSampleId :
VL1208ABS01

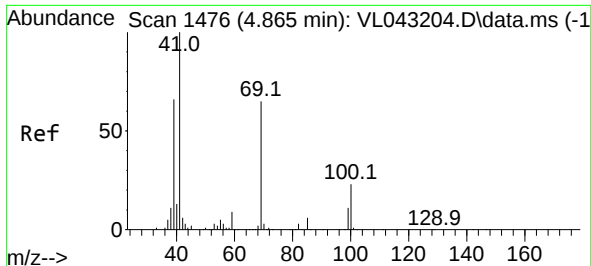
Tgt Ion: 42 Resp: 121301
Ion Ratio Lower Upper
42 100
72 38.9 30.6 46.0
71 36.7 30.5 45.7



#42
Bromodichloromethane
Concen: 12.008 ppbv
RT: 4.473 min Scan# 1355
Delta R.T. -0.003 min
Lab File: VL043307.D
Acq: 08 Dec 2025 10:24

Tgt Ion: 83 Resp: 296233
Ion Ratio Lower Upper
83 100
85 62.5 51.7 77.5
127 8.5 6.3 9.5

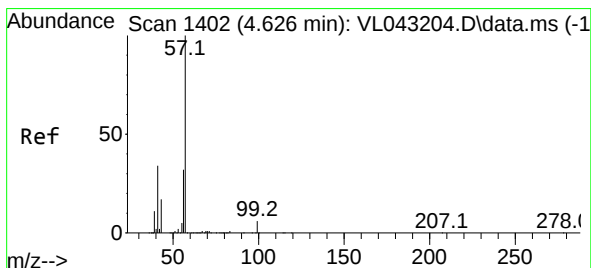
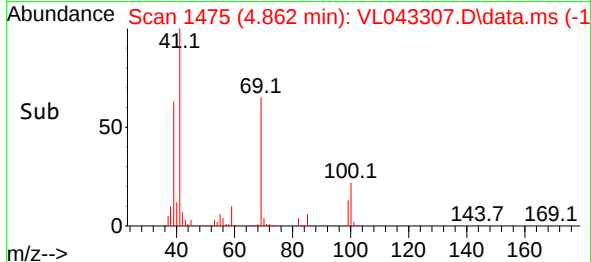
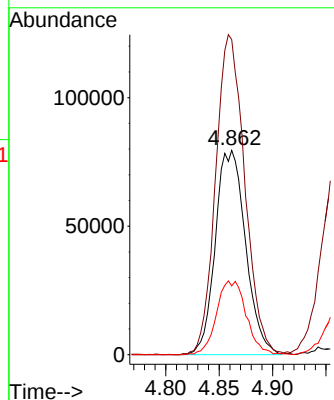
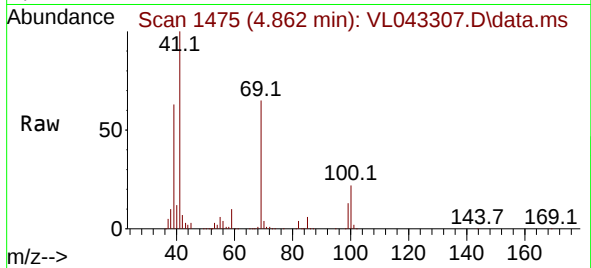




#43
Methyl Methacrylate
Concen: 9.654 ppbv
RT: 4.862 min Scan# 1476
Delta R.T. -0.003 min
Lab File: VL043307.D
Acq: 08 Dec 2025 10:24

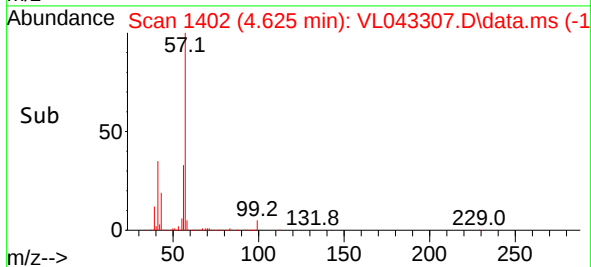
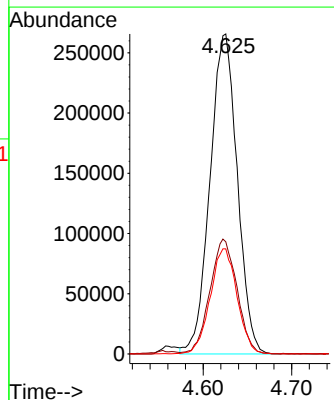
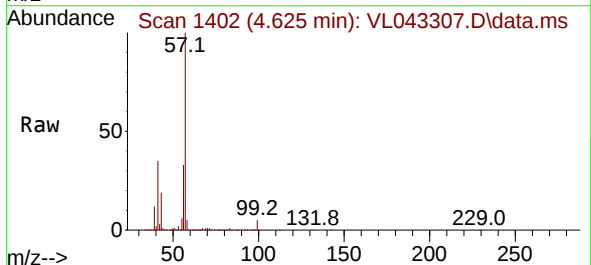
Instrument :
MSVOA_1
ClientSampleId :
VL1208ABS01

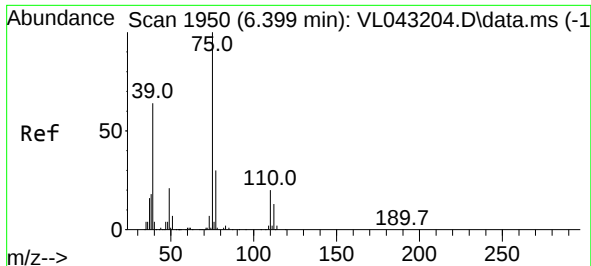
Tgt Ion: 69 Resp: 156667
Ion Ratio Lower Upper
69 100
41 150.8 126.7 190.1
100 35.4 28.6 43.0



#44
2,2,4-Trimethylpentane
Concen: 10.839 ppbv
RT: 4.625 min Scan# 1402
Delta R.T. -0.000 min
Lab File: VL043307.D
Acq: 08 Dec 2025 10:24

Tgt Ion: 57 Resp: 569168
Ion Ratio Lower Upper
57 100
41 36.5 28.0 42.0
56 32.5 25.6 38.4





#45

t-1,3-Dichloropropene

Concen: 7.826 ppbv

RT: 6.393 min Scan# 1948

Delta R.T. -0.007 min

Lab File: VL043307.D

Acq: 08 Dec 2025 10:24

Instrument :

MSVOA_L

ClientSampleId :

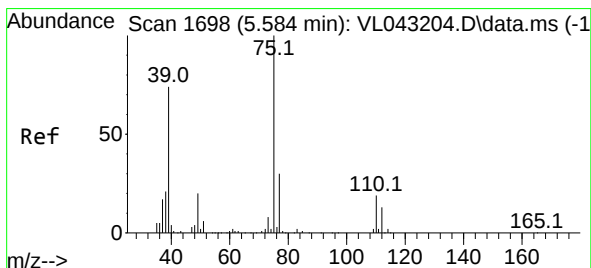
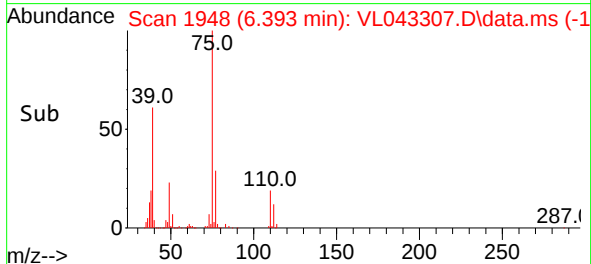
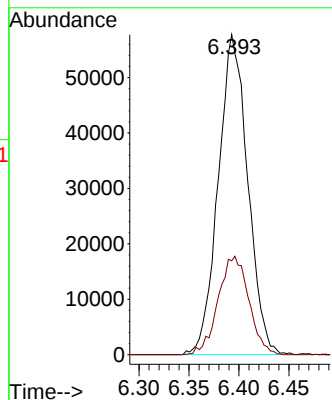
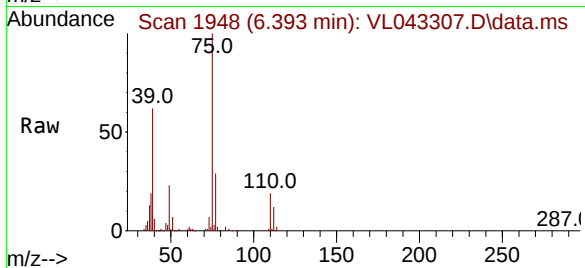
VL1208ABS01

Tgt Ion: 75 Resp: 118391

Ion Ratio Lower Upper

75 100

77 29.3 24.3 36.5



#46

cis-1,3-Dichloropropene

Concen: 8.255 ppbv

RT: 5.580 min Scan# 1697

Delta R.T. -0.003 min

Lab File: VL043307.D

Acq: 08 Dec 2025 10:24

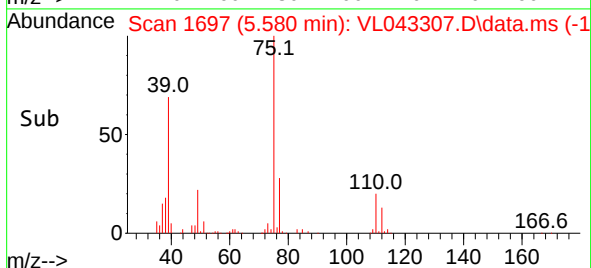
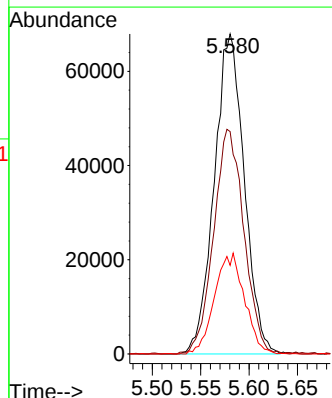
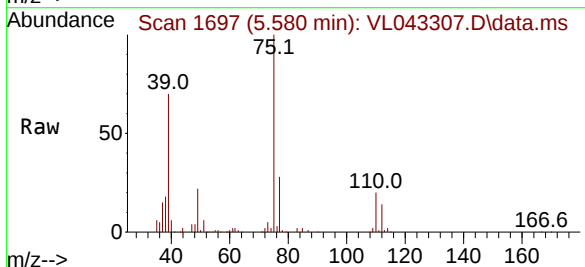
Tgt Ion: 75 Resp: 146637

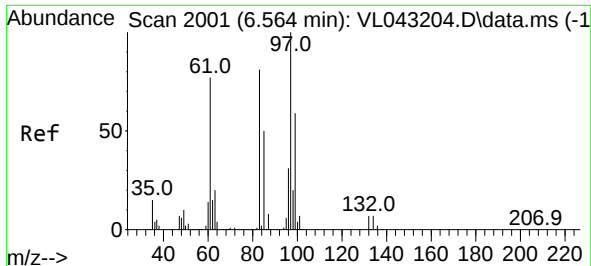
Ion Ratio Lower Upper

75 100

39 69.0 59.1 88.7

77 27.6 24.2 36.2

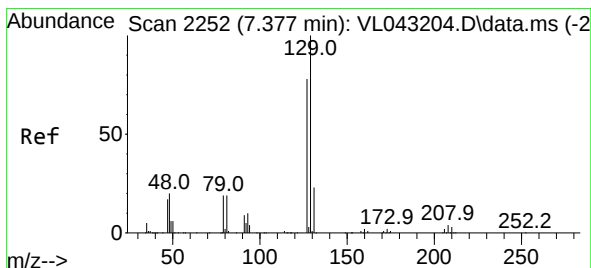
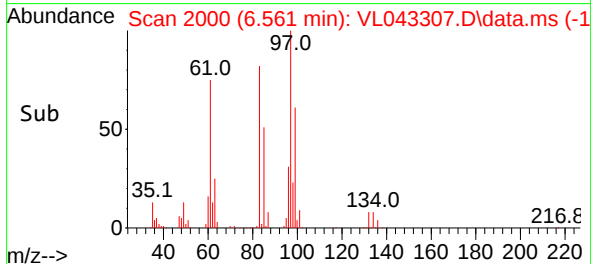
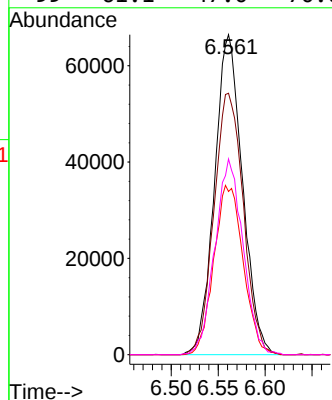
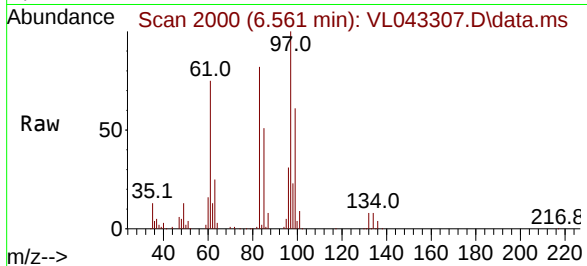




#47
1,1,2-Trichloroethane
Concen: 11.557 ppbv
RT: 6.561 min Scan# 2000
Delta R.T. -0.003 min
Lab File: VL043307.D
Acq: 08 Dec 2025 10:24

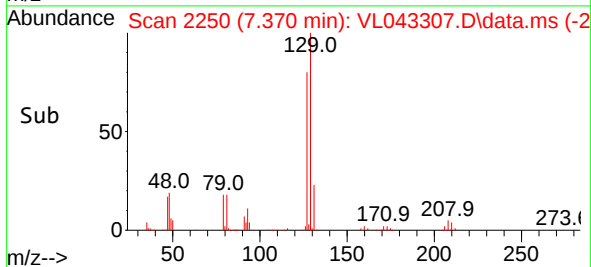
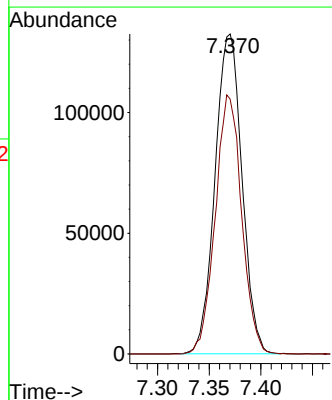
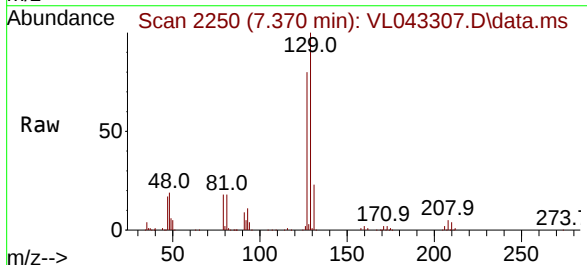
Instrument :
MSVOA_L
ClientSampleId :
VL1208ABS01

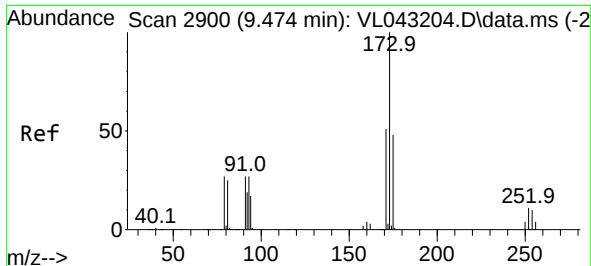
Tgt Ion: 97 Resp: 137247
Ion Ratio Lower Upper
97 100
83 81.7 64.6 97.0
85 51.0 39.4 59.2
99 61.1 47.0 70.6



#48
Dibromochloromethane
Concen: 11.793 ppbv
RT: 7.370 min Scan# 2250
Delta R.T. -0.007 min
Lab File: VL043307.D
Acq: 08 Dec 2025 10:24

Tgt Ion: 129 Resp: 240784
Ion Ratio Lower Upper
129 100
127 79.2 39.3 117.9

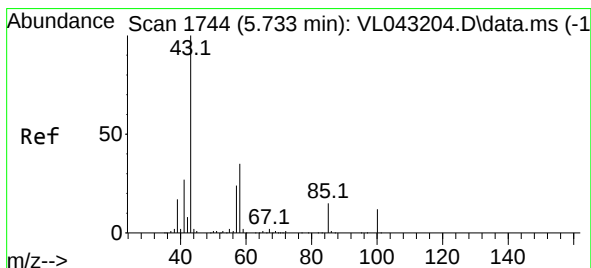
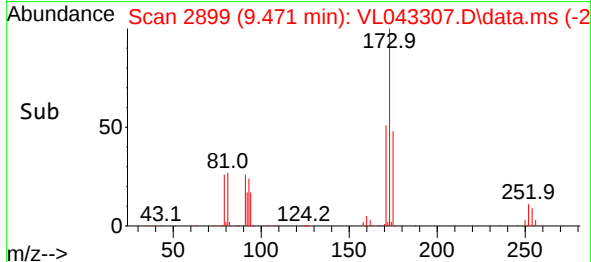
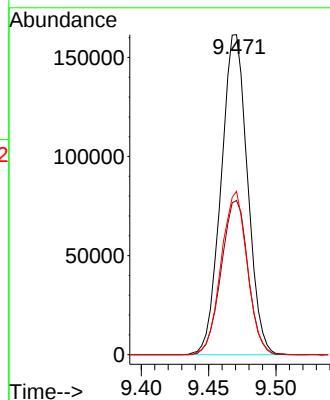
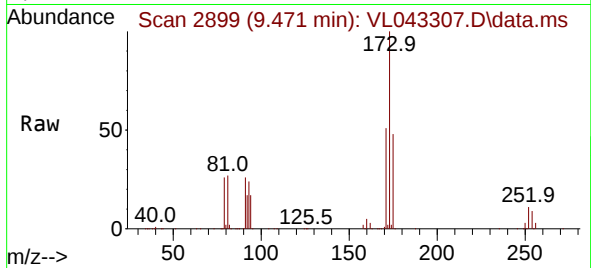




#49
Bromoform
Concen: 12.188 ppbv
RT: 9.471 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL043307.D
Acq: 08 Dec 2025 10:24

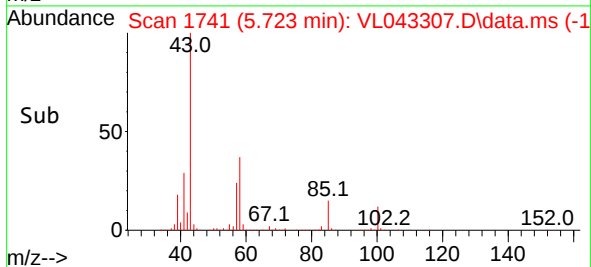
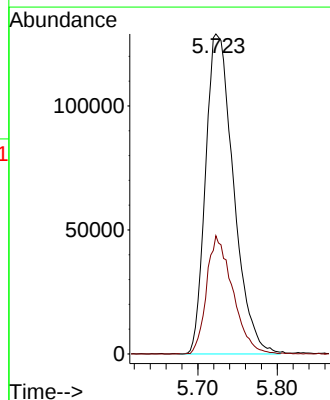
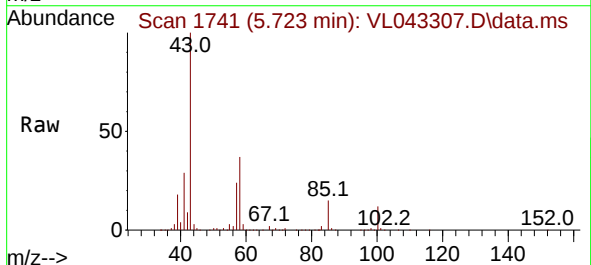
Instrument :
MSVOA_L
ClientSampleId :
VL1208ABS01

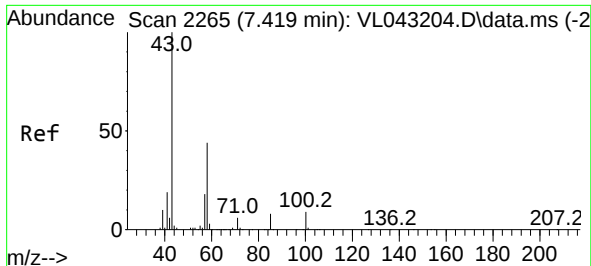
Tgt Ion:173 Resp: 220417
Ion Ratio Lower Upper
173 100
175 48.8 38.6 58.0
171 50.4 40.6 61.0



#50
4-Methyl-2-Pentanone
Concen: 9.951 ppbv
RT: 5.723 min Scan# 1741
Delta R.T. -0.010 min
Lab File: VL043307.D
Acq: 08 Dec 2025 10:24

Tgt Ion: 43 Resp: 315888
Ion Ratio Lower Upper
43 100
58 34.5 28.4 42.6

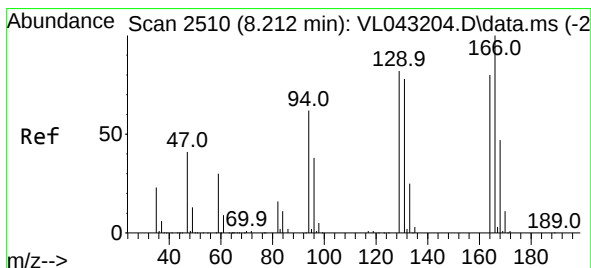
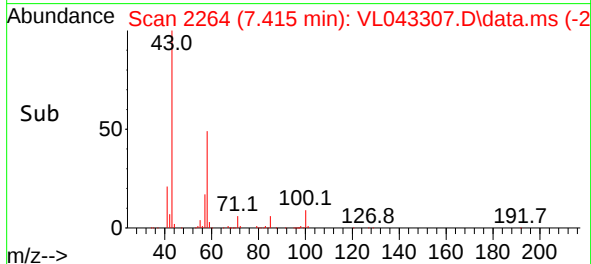
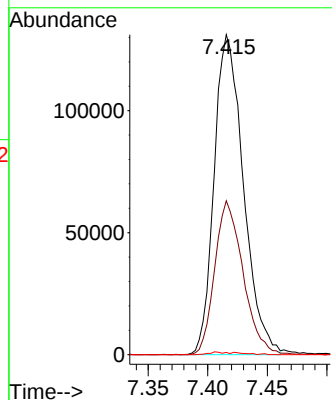
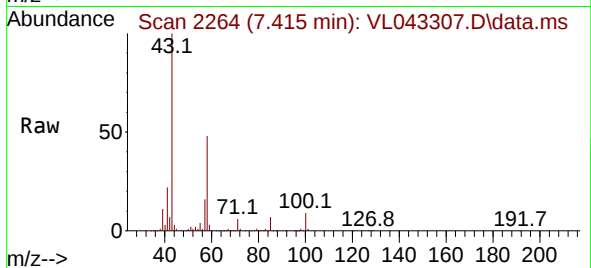




#51
2-Hexanone
Concen: 9.075 ppbv
RT: 7.415 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL043307.D
Acq: 08 Dec 2025 10:24

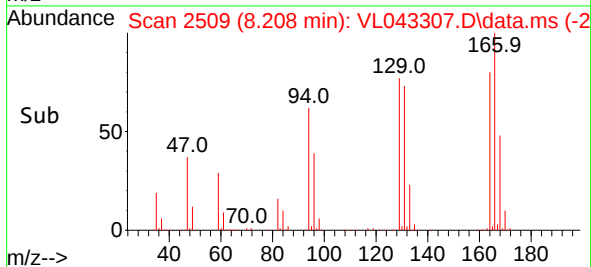
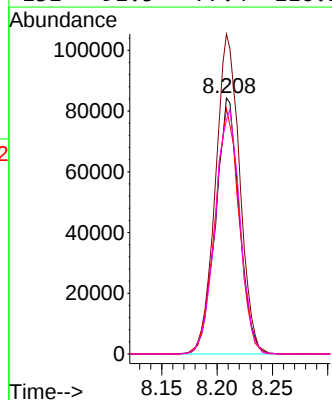
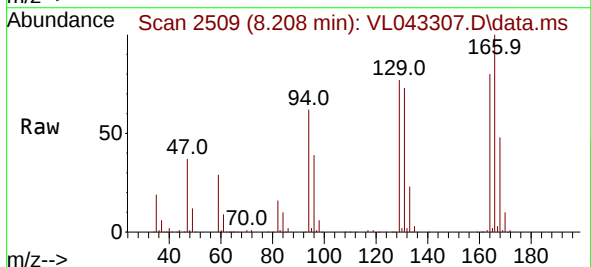
Instrument :
MSVOA_L
ClientSampleId :
VL1208ABS01

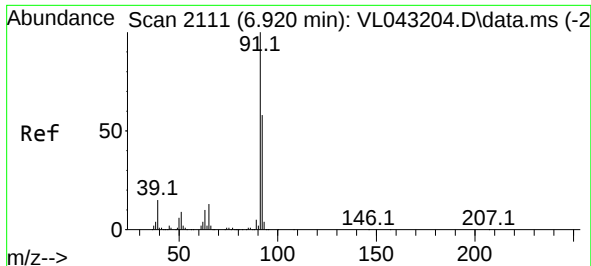
Tgt Ion: 43 Resp: 223708
Ion Ratio Lower Upper
43 100
58 46.6 38.4 57.6
98 0.9 0.0 0.0#



#52
Tetrachloroethene
Concen: 11.051 ppbv
RT: 8.208 min Scan# 2509
Delta R.T. -0.003 min
Lab File: VL043307.D
Acq: 08 Dec 2025 10:24

Tgt Ion: 164 Resp: 125681
Ion Ratio Lower Upper
164 100
166 125.0 99.4 149.2
129 95.8 81.8 122.8
131 91.5 77.4 116.2

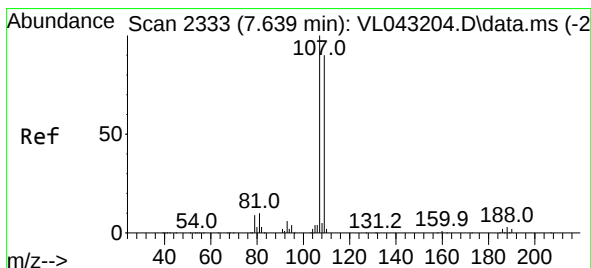
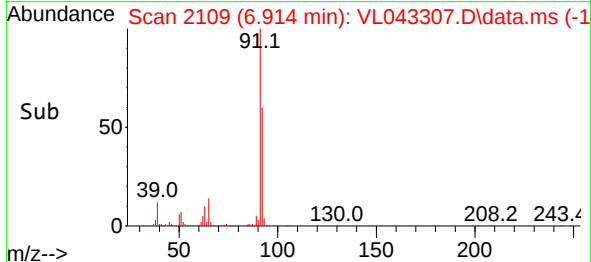
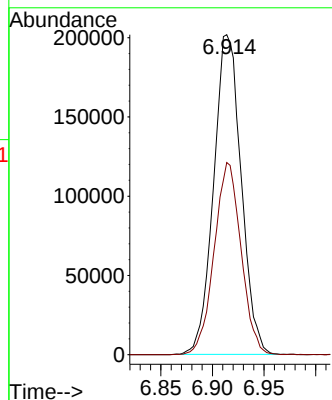
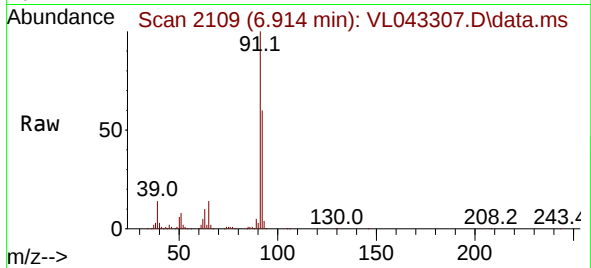




#53
Toluene
Concen: 10.347 ppbv
RT: 6.914 min Scan# 2109
Delta R.T. -0.007 min
Lab File: VL043307.D
Acq: 08 Dec 2025 10:24

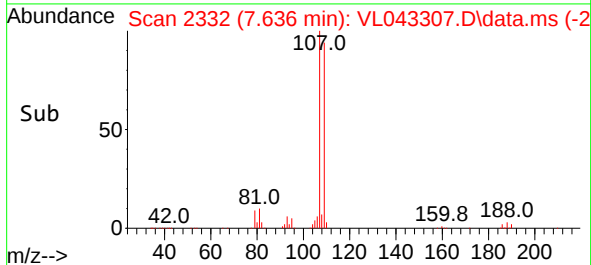
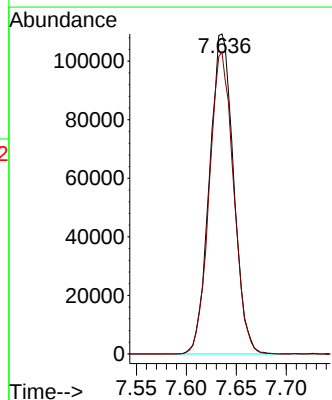
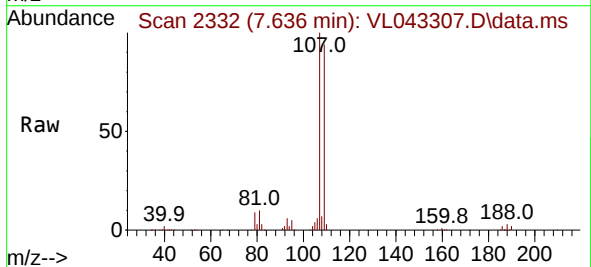
Instrument :
MSVOA_L
ClientSampleId :
VL1208ABS01

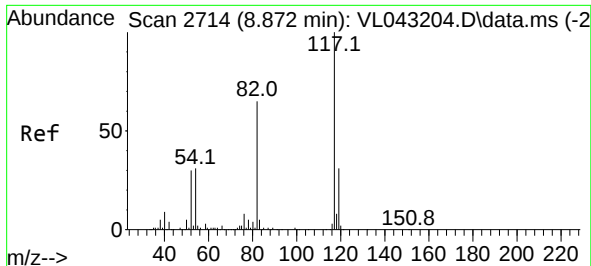
Tgt Ion: 91 Resp: 374608
Ion Ratio Lower Upper
91 100
92 58.7 47.4 71.0



#54
1,2-Dibromoethane
Concen: 10.518 ppbv
RT: 7.636 min Scan# 2332
Delta R.T. -0.003 min
Lab File: VL043307.D
Acq: 08 Dec 2025 10:24

Tgt Ion: 107 Resp: 183811
Ion Ratio Lower Upper
107 100
109 94.4 72.1 108.1

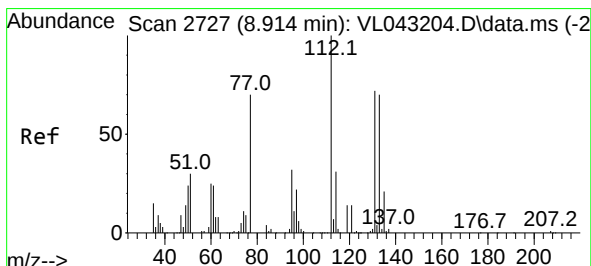
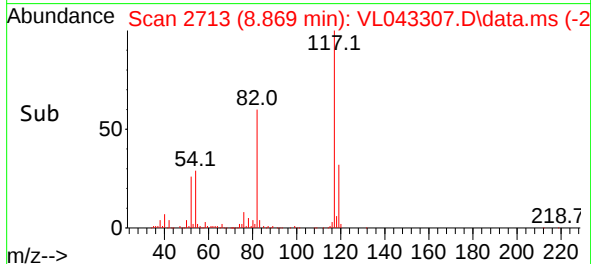
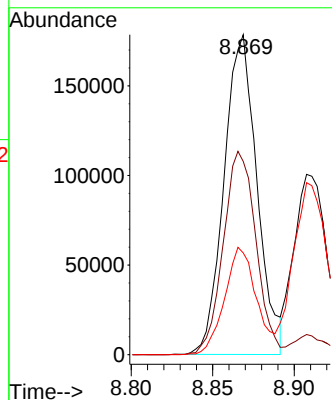
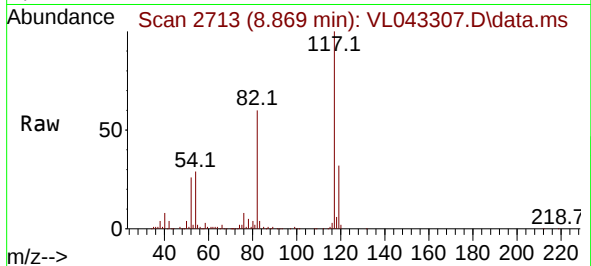




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.869 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL043307.D
Acq: 08 Dec 2025 10:24

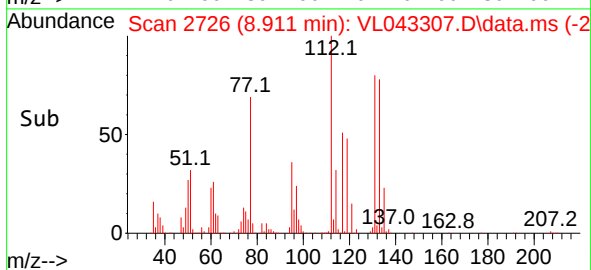
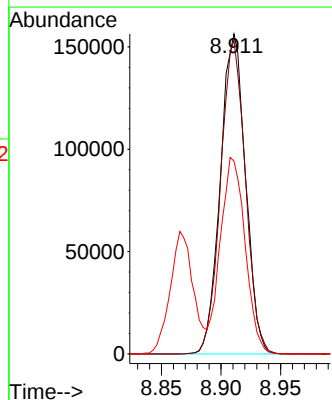
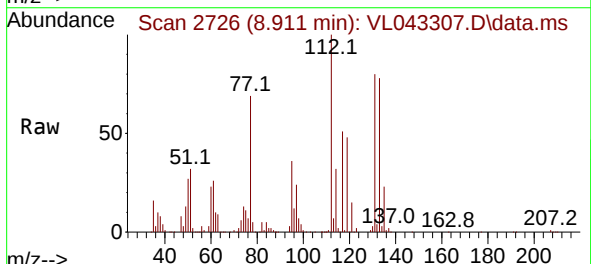
Instrument :
MSVOA_L
ClientSampleId :
VL1208ABS01

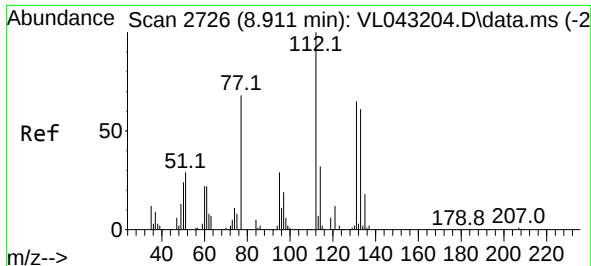
Tgt Ion:117 Resp: 250711
Ion Ratio Lower Upper
117 100
82 69.4 56.1 84.1
119 32.6 25.0 37.6



#56
1,1,1,2-Tetrachloroethane
Concen: 12.449 ppbv
RT: 8.911 min Scan# 2726
Delta R.T. -0.003 min
Lab File: VL043307.D
Acq: 08 Dec 2025 10:24

Tgt Ion:131 Resp: 229368
Ion Ratio Lower Upper
131 100
133 96.8 77.4 116.2
119 60.5 49.1 73.7

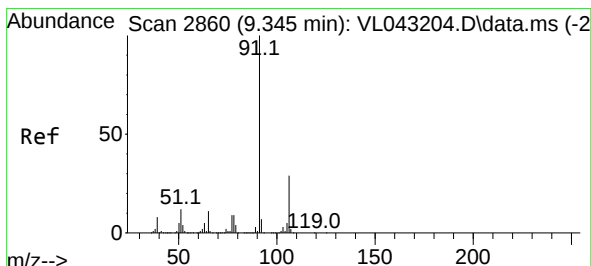
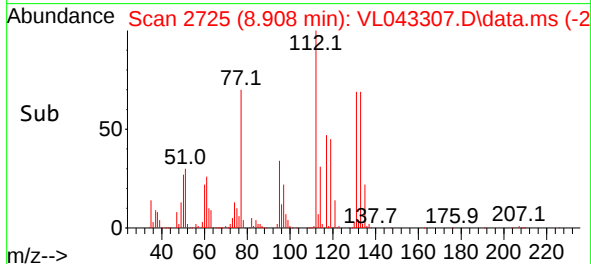
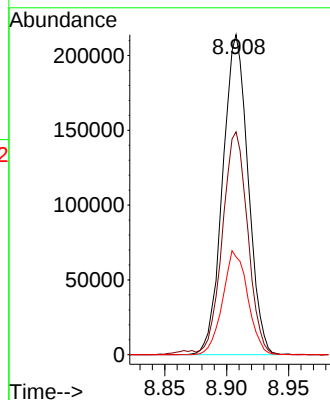
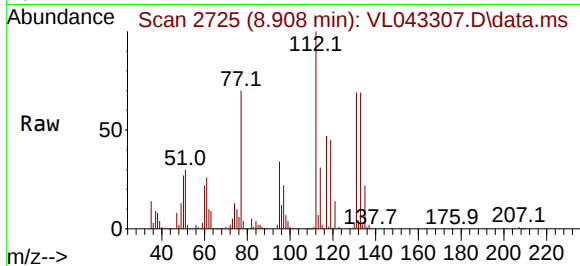




#57
Chlorobenzene
Concen: 11.869 ppbv
RT: 8.908 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL043307.D
Acq: 08 Dec 2025 10:24

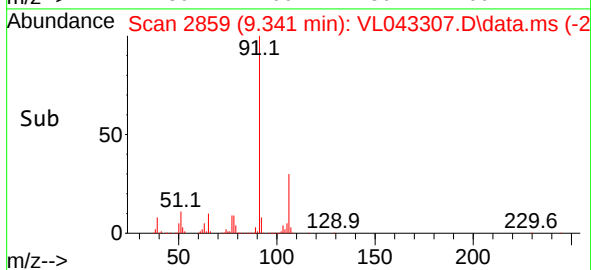
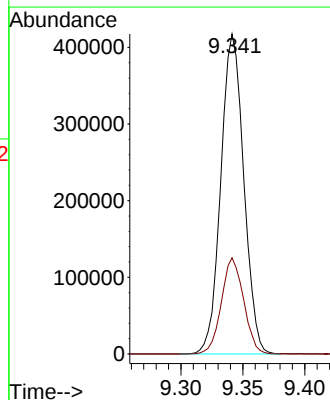
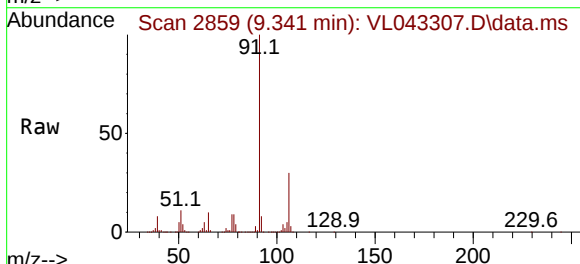
Instrument :
MSVOA_1
ClientSampleId :
VL1208ABS01

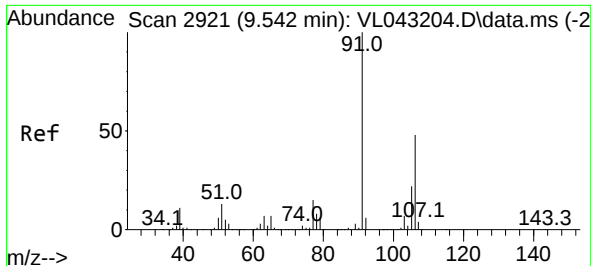
Tgt Ion:112 Resp: 305509
Ion Ratio Lower Upper
112 100
77 69.6 55.5 83.3
114 30.5 29.1 35.5



#58
Ethyl Benzene
Concen: 11.161 ppbv
RT: 9.341 min Scan# 2859
Delta R.T. -0.003 min
Lab File: VL043307.D
Acq: 08 Dec 2025 10:24

Tgt Ion: 91 Resp: 538550
Ion Ratio Lower Upper
91 100
106 30.1 22.8 34.2





#59

m/p-Xylene

Concen: 10.873 ppbv

RT: 9.539 min Scan# 2921

Delta R.T. -0.003 min

Lab File: VL043307.D

Acq: 08 Dec 2025 10:24

Instrument :

MSVOA_1

ClientSampleId :

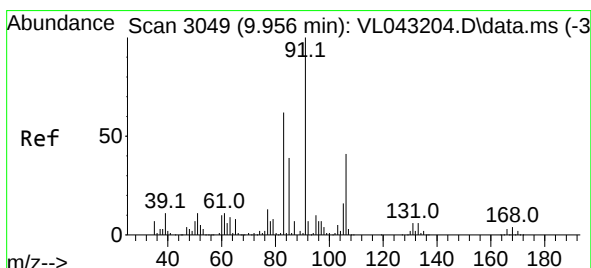
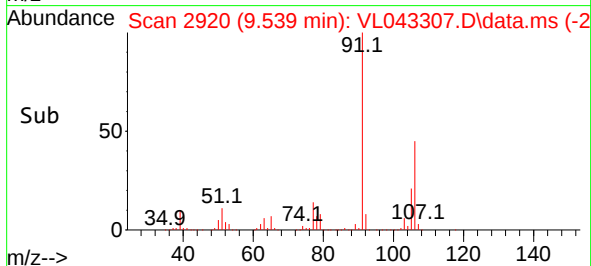
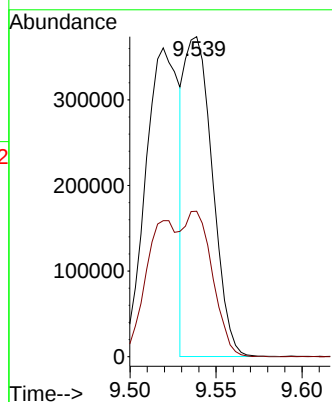
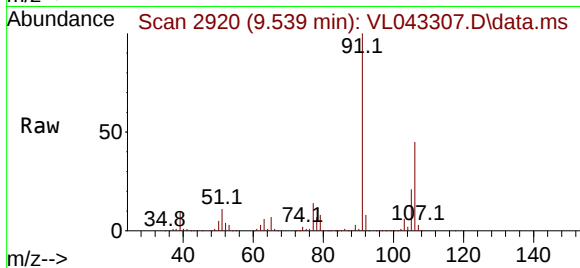
VL1208ABS01

Tgt Ion: 91 Resp: 420640

Ion Ratio Lower Upper

91 100

106 97.4 36.1 54.1#



#60

o-Xylene

Concen: 11.560 ppbv

RT: 9.950 min Scan# 3047

Delta R.T. -0.007 min

Lab File: VL043307.D

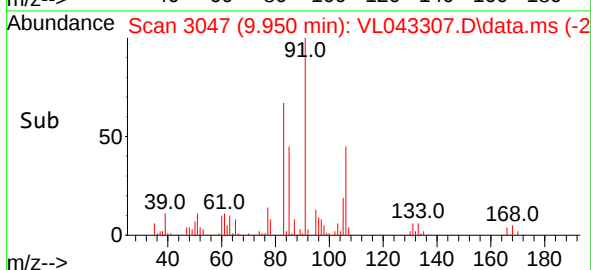
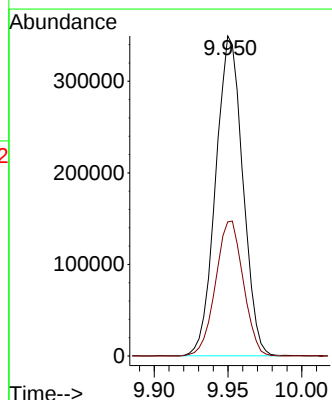
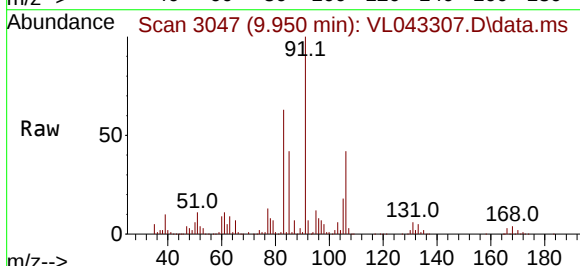
Acq: 08 Dec 2025 10:24

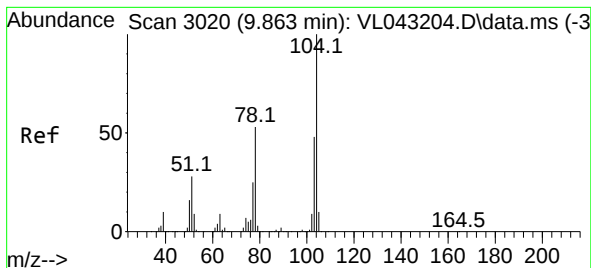
Tgt Ion: 91 Resp: 446789

Ion Ratio Lower Upper

91 100

106 43.1 20.9 62.8





#61

Styrene

Concen: 9.925 ppbv

RT: 9.859 min Scan# 3020

Delta R.T. -0.003 min

Lab File: VL043307.D

Acq: 08 Dec 2025 10:24

Instrument :

MSVOA_L

ClientSampleId :

VL1208ABS01

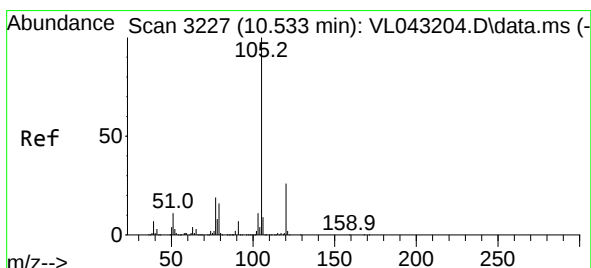
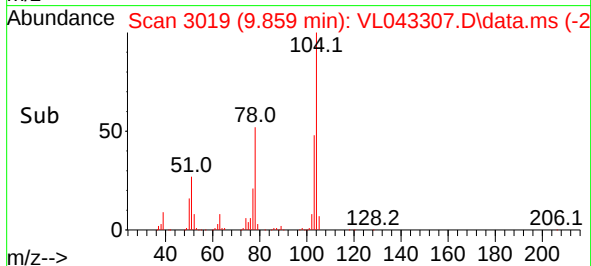
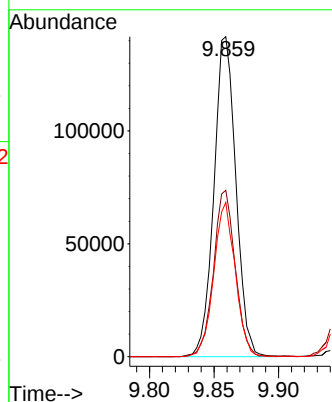
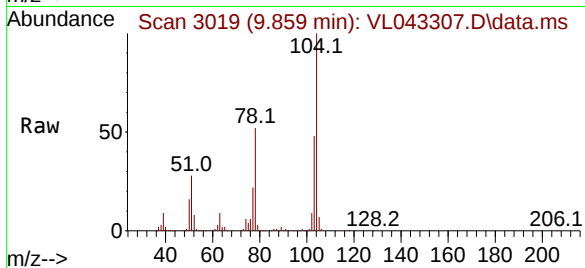
Tgt Ion:104 Resp: 167877

Ion Ratio Lower Upper

104 100

78 51.5 42.1 63.1

103 47.4 37.2 55.8



#62

Isopropylbenzene

Concen: 11.652 ppbv

RT: 10.529 min Scan# 3226

Delta R.T. -0.003 min

Lab File: VL043307.D

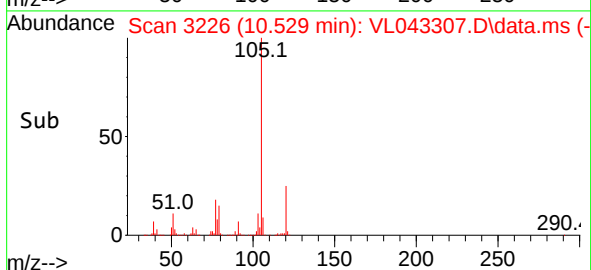
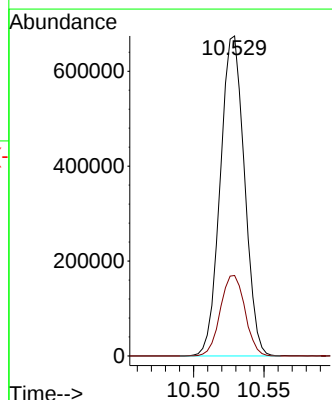
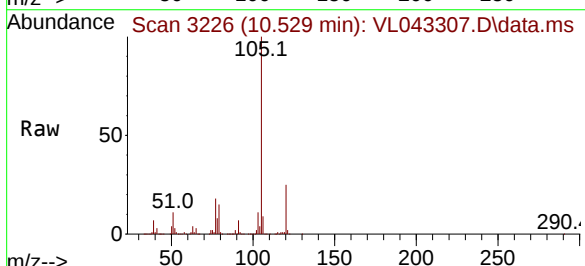
Acq: 08 Dec 2025 10:24

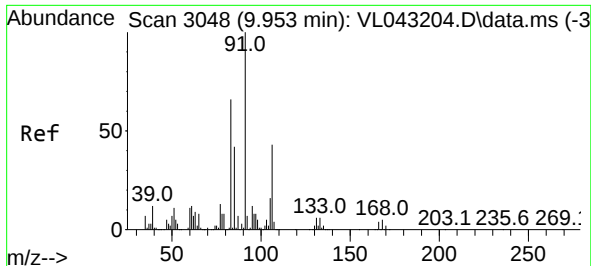
Tgt Ion:105 Resp: 805674

Ion Ratio Lower Upper

105 100

120 25.6 19.8 29.8





#63

1,1,2,2-Tetrachloroethane

Concen: 11.611 ppbv

RT: 9.950 min Scan# 3048

Delta R.T. -0.003 min

Lab File: VL043307.D

Acq: 08 Dec 2025 10:24

Instrument :

MSVOA_L

ClientSampleId :

VL1208ABS01

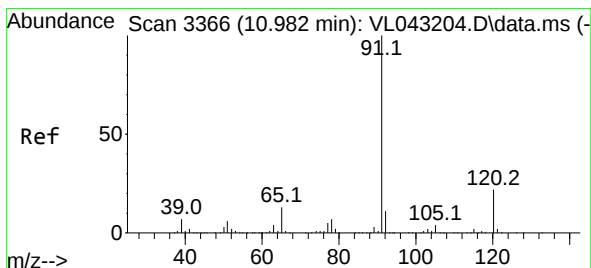
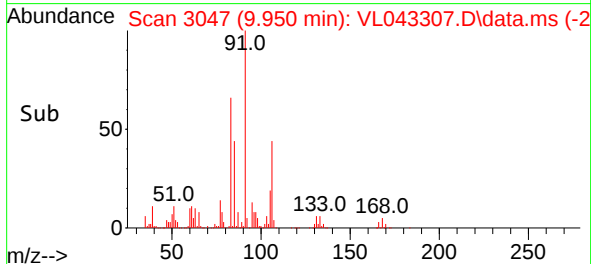
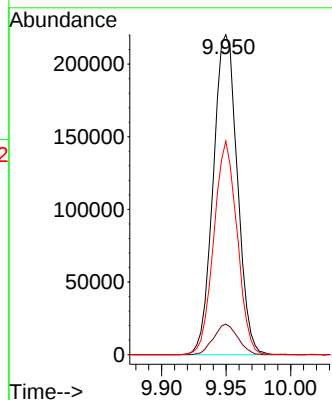
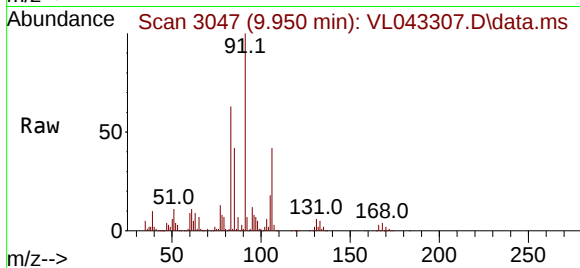
Tgt Ion: 83 Resp: 285542

Ion Ratio Lower Upper

83 100

131 9.6 4.8 14.3

85 64.5 31.9 95.9



#64

n-propylbenzene

Concen: 11.718 ppbv

RT: 10.979 min Scan# 3365

Delta R.T. -0.003 min

Lab File: VL043307.D

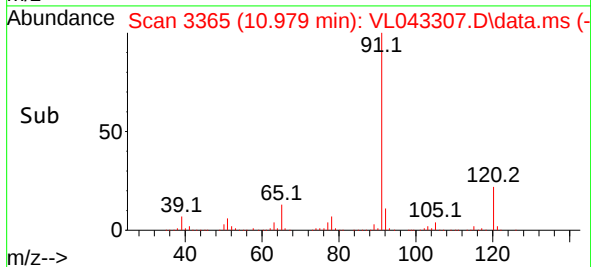
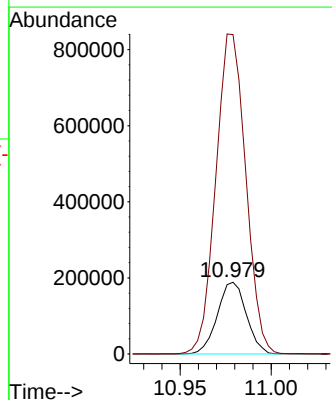
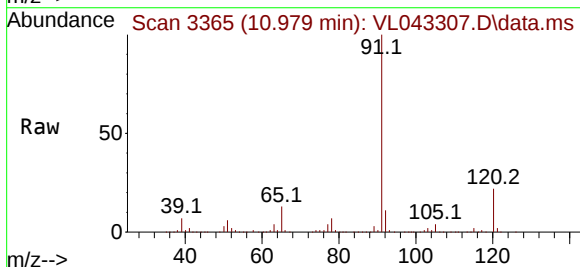
Acq: 08 Dec 2025 10:24

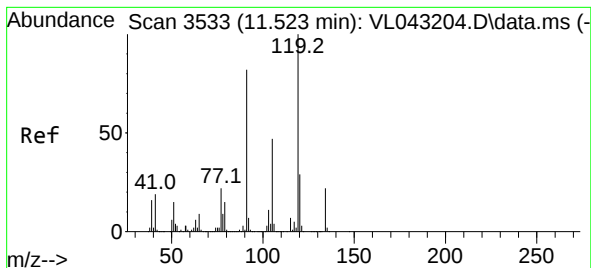
Tgt Ion: 120 Resp: 208180

Ion Ratio Lower Upper

120 100

91 461.2 377.1 565.7





#65

tert-Butylbenzene

Concen: 11.273 ppbv

RT: 11.523 min Scan# 3533

Delta R.T. -0.000 min

Lab File: VL043307.D

Acq: 08 Dec 2025 10:24

Instrument :

MSVOA_L

ClientSampleId :

VL1208ABS01

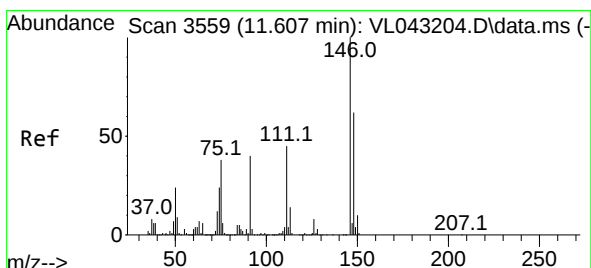
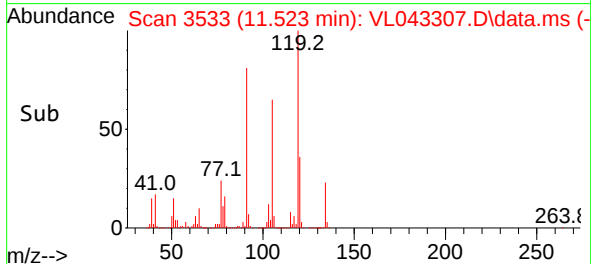
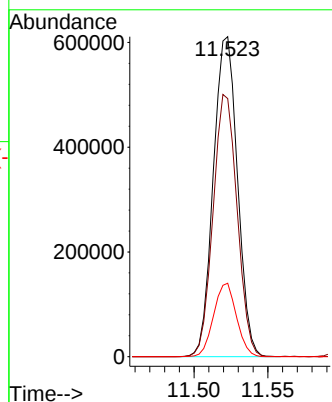
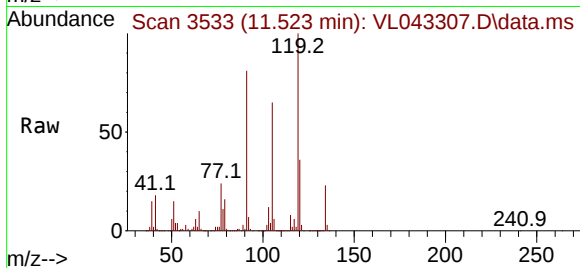
Tgt Ion:119 Resp: 696094

Ion Ratio Lower Upper

119 100

91 81.5 65.3 97.9

134 21.7 17.0 25.4



#66

Benzyl Chloride

Concen: 5.049 ppbv

RT: 11.604 min Scan# 3558

Delta R.T. -0.003 min

Lab File: VL043307.D

Acq: 08 Dec 2025 10:24

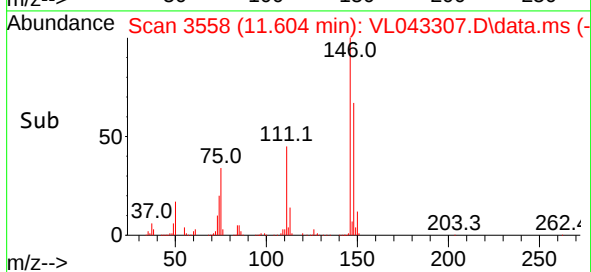
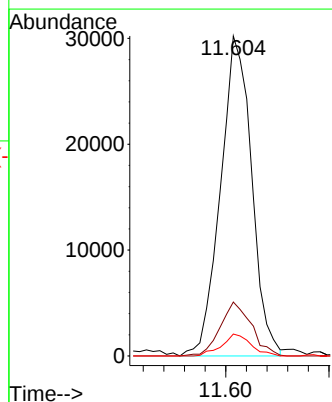
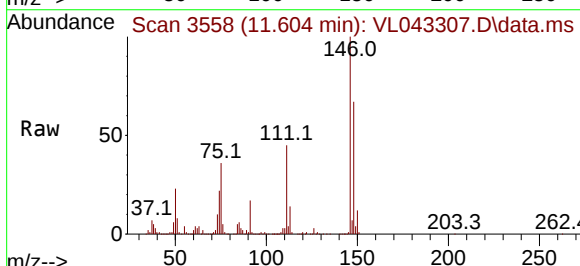
Tgt Ion: 91 Resp: 31638

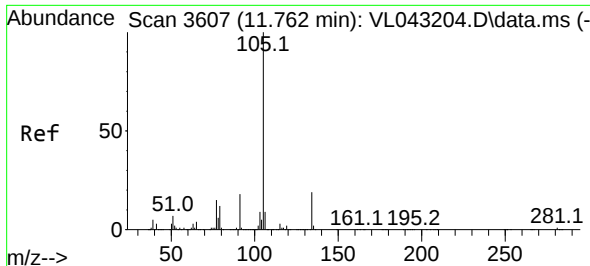
Ion Ratio Lower Upper

91 100

126 16.9 14.4 21.6

128 6.4 4.6 6.8

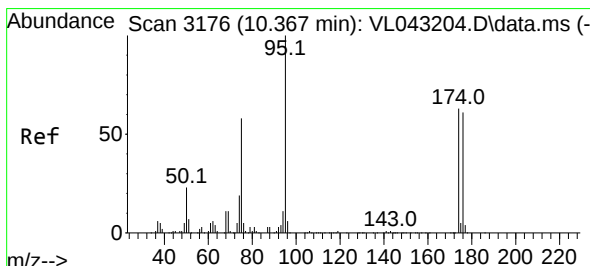
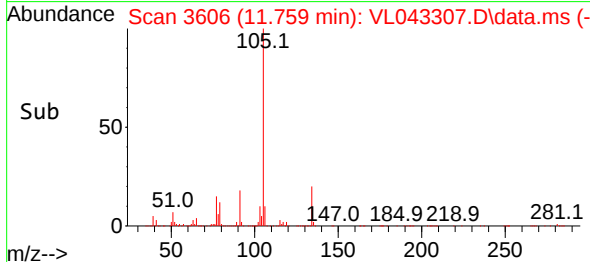
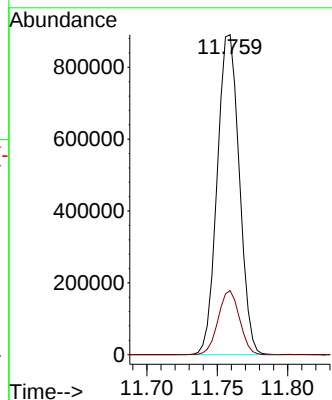
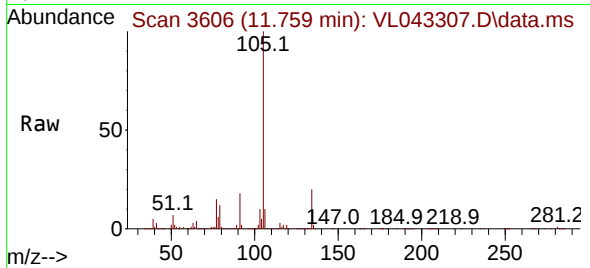




#67
 sec-Butylbenzene
 Concen: 11.291 ppbv
 RT: 11.759 min Scan# 3175
 Delta R.T. -0.003 min
 Lab File: VL043307.D
 Acq: 08 Dec 2025 10:24

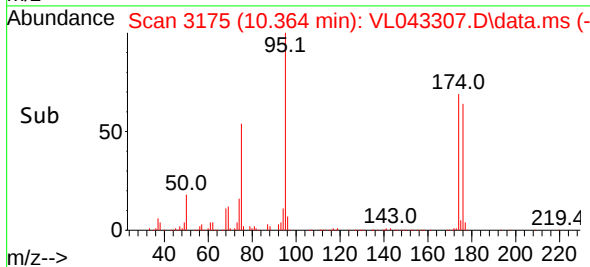
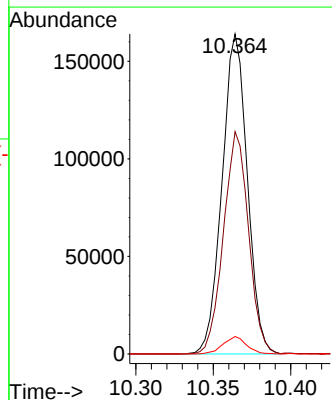
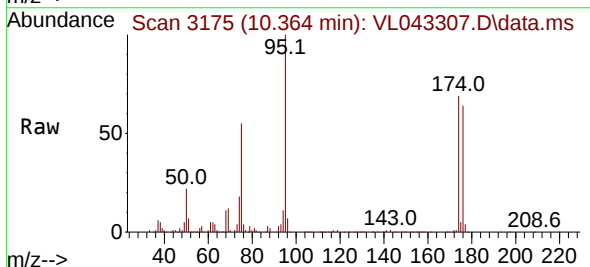
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1208ABS01

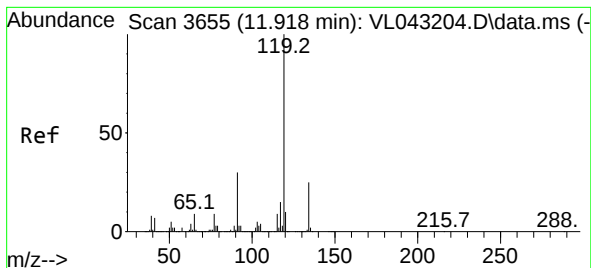
Tgt Ion:105 Resp: 973259
 Ion Ratio Lower Upper
 105 100
 134 19.4 15.0 22.6



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.115 ppbv
 RT: 10.364 min Scan# 3175
 Delta R.T. -0.003 min
 Lab File: VL043307.D
 Acq: 08 Dec 2025 10:24

Tgt Ion: 95 Resp: 185879
 Ion Ratio Lower Upper
 95 100
 174 69.2 50.2 75.2
 175 5.1 4.1 6.1

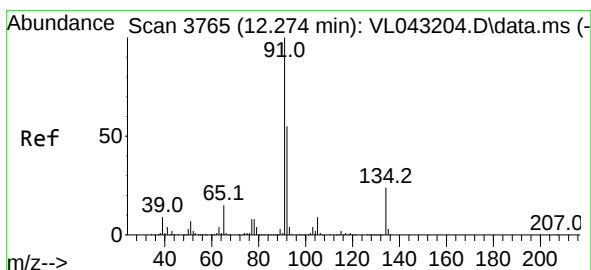
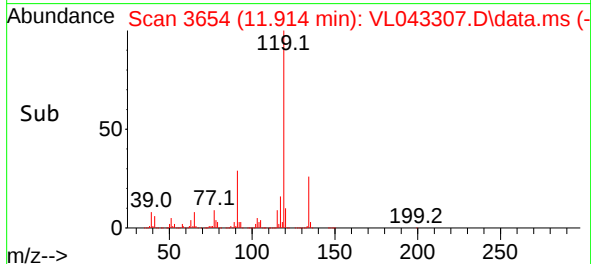
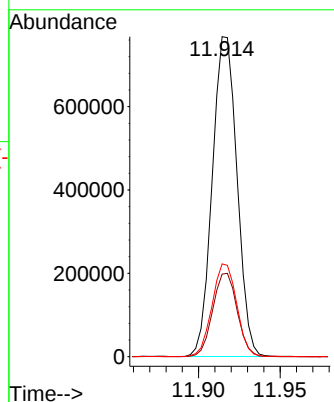
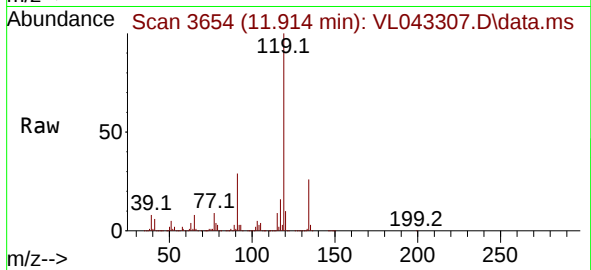




#69
 p-Isopropyltoluene
 Concen: 11.070 ppbv
 RT: 11.914 min Scan# 3654
 Delta R.T. -0.003 min
 Lab File: VL043307.D
 Acq: 08 Dec 2025 10:24

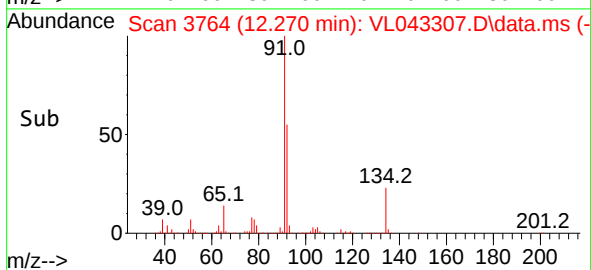
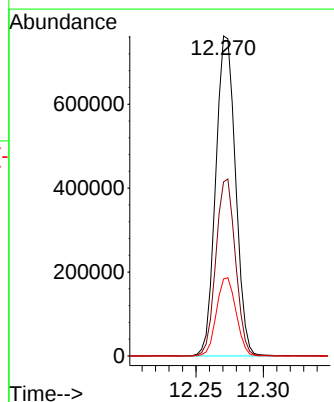
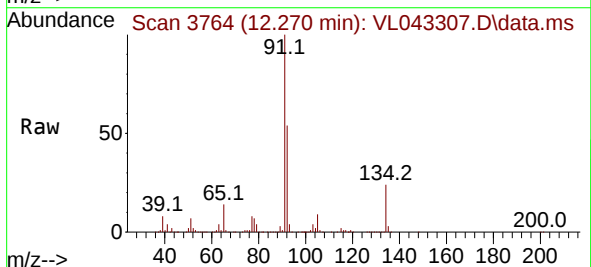
Instrument :
 MSVOA_1
 ClientSampleId :
 VL1208ABS01

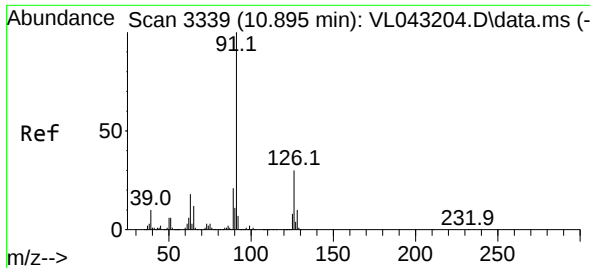
Tgt Ion:119 Resp: 808286
 Ion Ratio Lower Upper
 119 100
 134 25.9 20.2 30.2
 91 29.1 23.8 35.8



#70
 n-Butylbenzene
 Concen: 11.019 ppbv
 RT: 12.270 min Scan# 3764
 Delta R.T. -0.003 min
 Lab File: VL043307.D
 Acq: 08 Dec 2025 10:24

Tgt Ion: 91 Resp: 780553
 Ion Ratio Lower Upper
 91 100
 92 54.6 43.5 65.3
 134 24.1 19.0 28.6

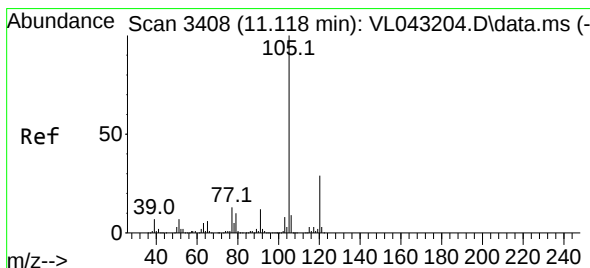
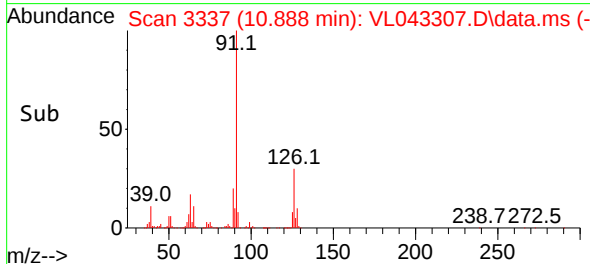
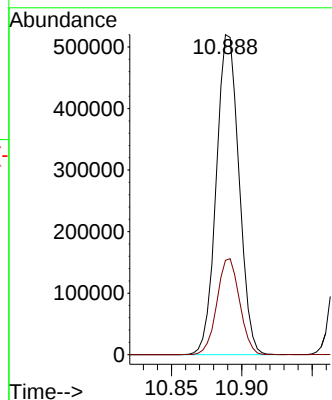
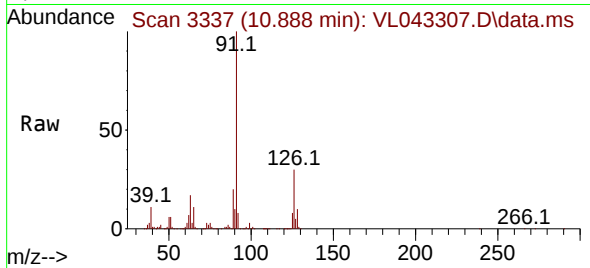




#71
2-Chlorotoluene
Concen: 10.997 ppbv
RT: 10.888 min Scan# 31
Delta R.T. -0.007 min
Lab File: VL043307.D
Acq: 08 Dec 2025 10:24

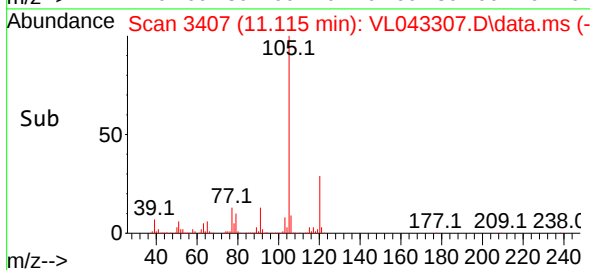
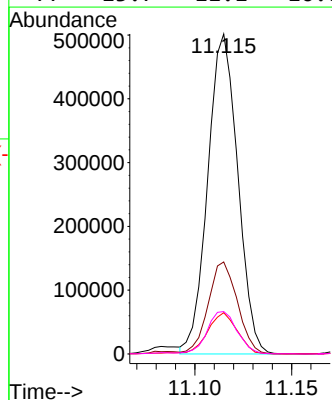
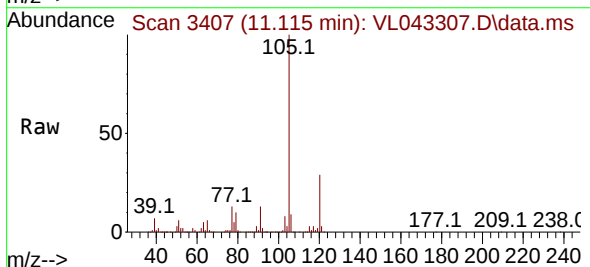
Instrument :
MSVOA_L
ClientSampleId :
VL1208ABS01

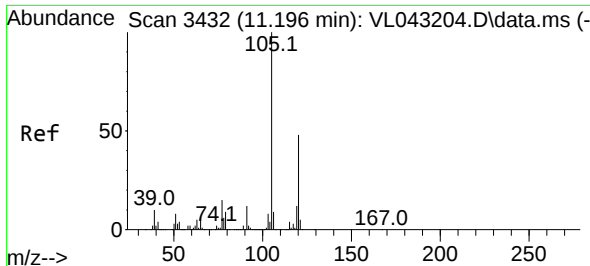
Tgt Ion: 91 Resp: 584474
Ion Ratio Lower Upper
91 100
126 30.0 11.7 46.7



#72
4-Ethyltoluene
Concen: 11.487 ppbv
RT: 11.115 min Scan# 3407
Delta R.T. -0.003 min
Lab File: VL043307.D
Acq: 08 Dec 2025 10:24

Tgt Ion:105 Resp: 540638
Ion Ratio Lower Upper
105 100
120 28.8 23.8 35.8
91 12.9 10.3 15.5
77 13.7 11.1 16.7

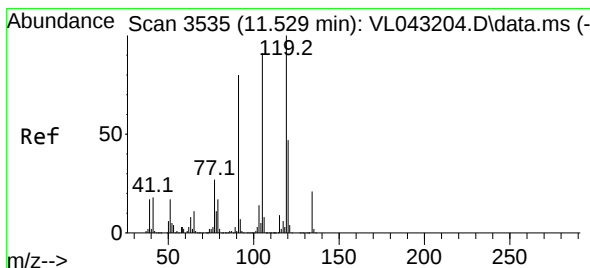
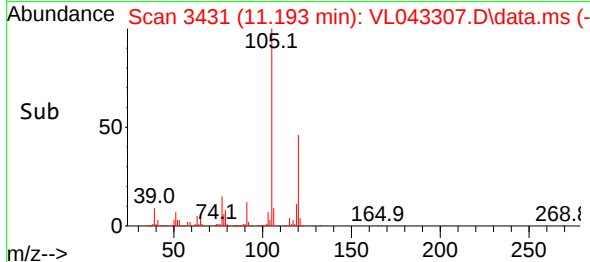
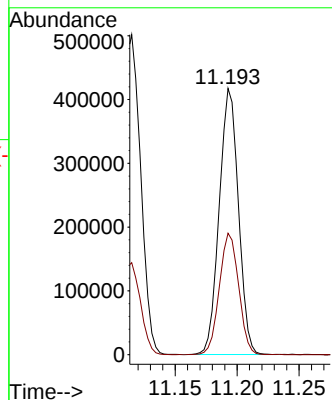
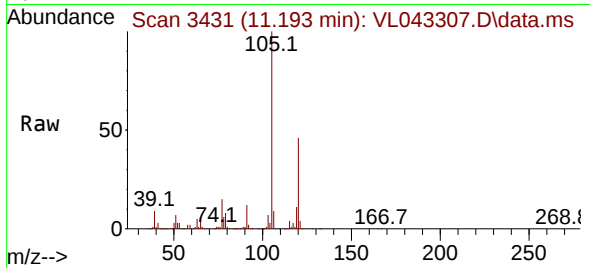




#73
1,3,5-Trimethylbenzene
Concen: 11.424 ppbv
RT: 11.193 min Scan# 3432
Delta R.T. -0.003 min
Lab File: VL043307.D
Acq: 08 Dec 2025 10:24

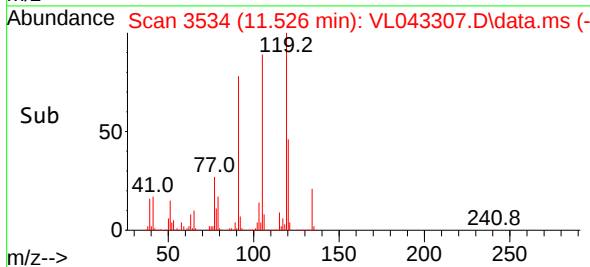
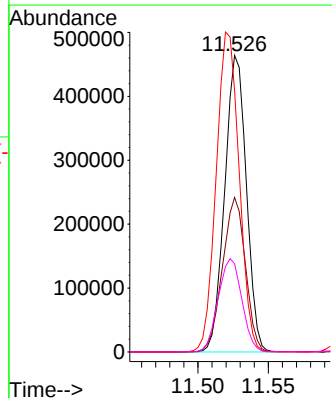
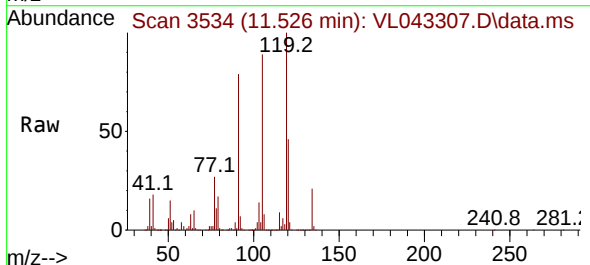
Instrument :
MSVOA_L
ClientSampleId :
VL1208ABS01

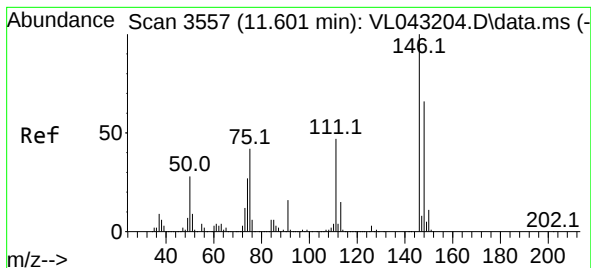
Tgt Ion:105 Resp: 451214
Ion Ratio Lower Upper
105 100
120 45.6 38.6 57.8



#74
1,2,4-Trimethylbenzene
Concen: 11.530 ppbv
RT: 11.526 min Scan# 3534
Delta R.T. -0.003 min
Lab File: VL043307.D
Acq: 08 Dec 2025 10:24

Tgt Ion:105 Resp: 496984
Ion Ratio Lower Upper
105 100
120 52.1 41.7 62.5
91 88.0 70.0 105.0
77 29.7 23.8 35.8





#75

1,3-Dichlorobenzene

Concen: 11.834 ppbv

RT: 11.597 min Scan# 3556

Delta R.T. -0.003 min

Lab File: VL043307.D

Acq: 08 Dec 2025 10:24

Instrument :

MSVOA_L

ClientSampleId :

VL1208ABS01

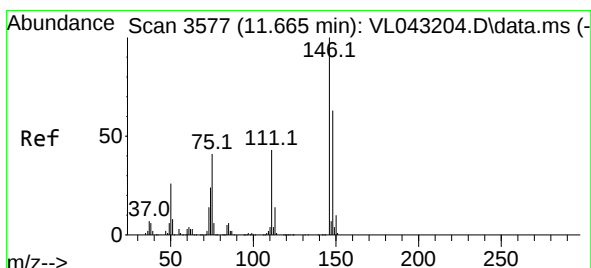
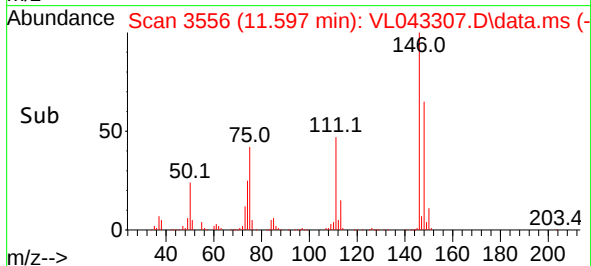
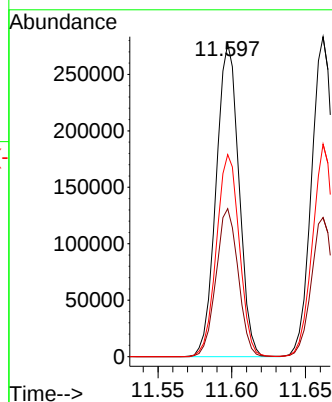
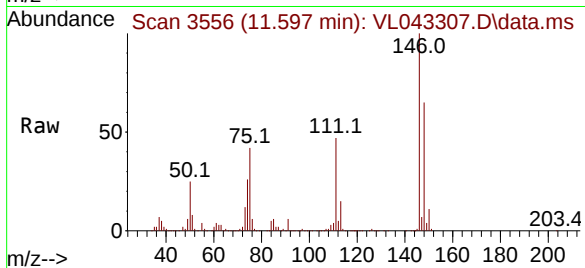
Tgt Ion:146 Resp: 297680

Ion Ratio Lower Upper

146 100

111 46.0 23.4 70.3

148 64.9 31.6 95.0



#76

1,4-Dichlorobenzene

Concen: 11.859 ppbv

RT: 11.662 min Scan# 3576

Delta R.T. -0.003 min

Lab File: VL043307.D

Acq: 08 Dec 2025 10:24

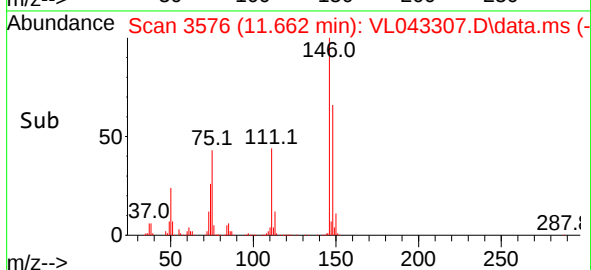
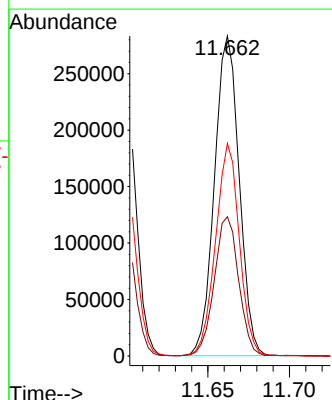
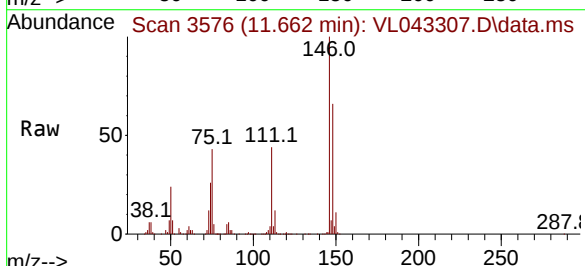
Tgt Ion:146 Resp: 298352

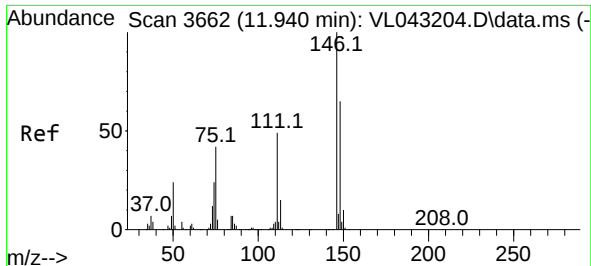
Ion Ratio Lower Upper

146 100

111 43.2 22.8 68.3

148 64.2 31.8 95.4

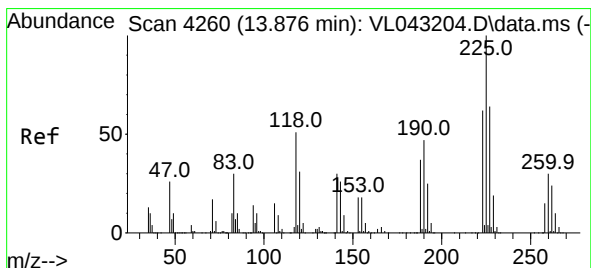
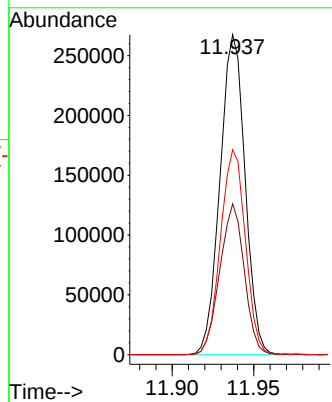
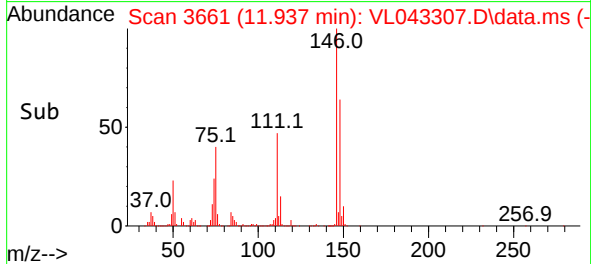
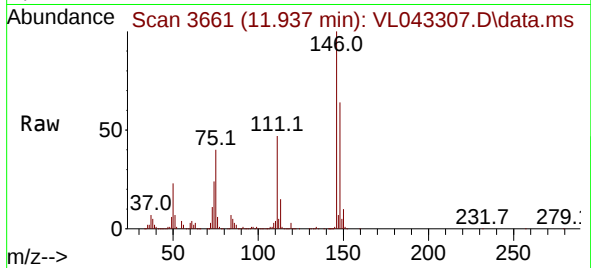




#77
1,2-Dichlorobenzene
Concen: 11.819 ppbv
RT: 11.937 min Scan# 3661
Delta R.T. -0.003 min
Lab File: VL043307.D
Acq: 08 Dec 2025 10:24

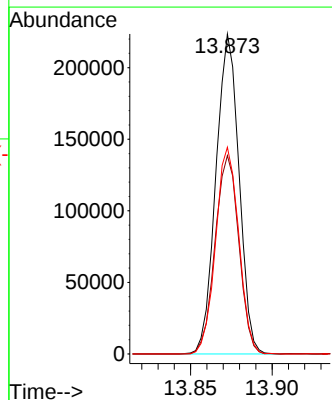
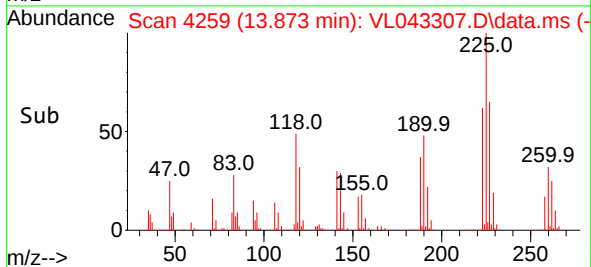
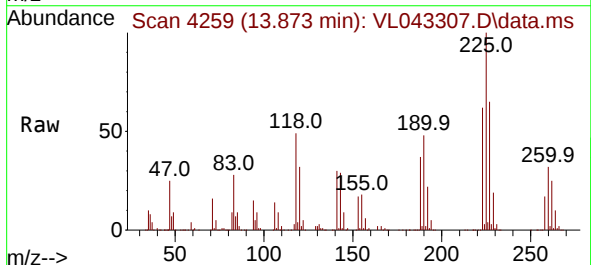
Instrument :
MSVOA_L
ClientSampleId :
VL1208ABS01

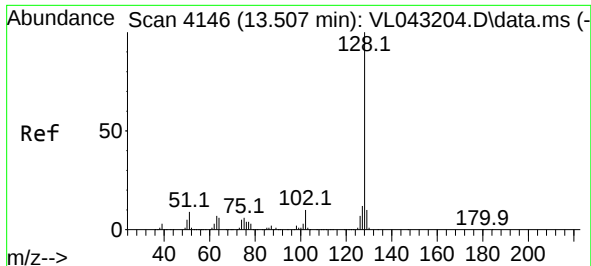
Tgt Ion:146 Resp: 285835
Ion Ratio Lower Upper
146 100
111 46.1 24.3 73.0
148 63.9 31.6 94.7



#78
Hexachloro-1,3-Butadiene
Concen: 10.903 ppbv
RT: 13.873 min Scan# 4259
Delta R.T. -0.003 min
Lab File: VL043307.D
Acq: 08 Dec 2025 10:24

Tgt Ion:225 Resp: 220056
Ion Ratio Lower Upper
225 100
223 63.6 50.2 75.4
227 64.7 51.1 76.7

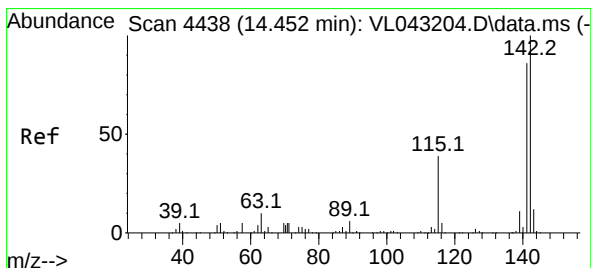
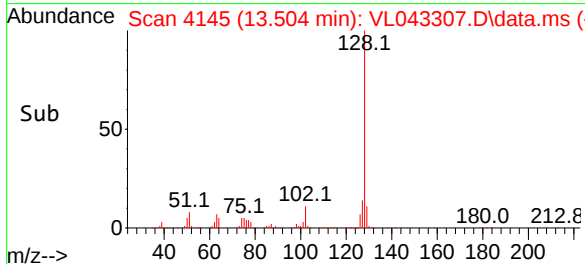
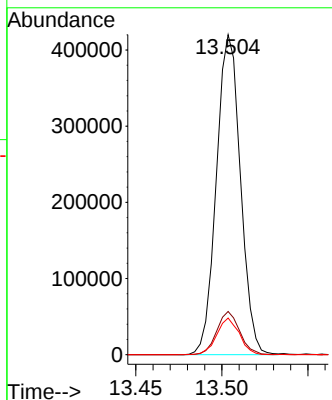
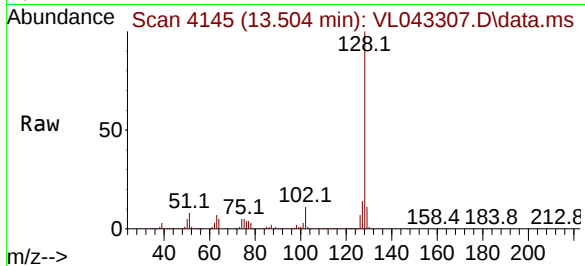




#79
Naphthalene
Concen: 10.692 ppbv
RT: 13.504 min Scan# 4146
Delta R.T. -0.003 min
Lab File: VL043307.D
Acq: 08 Dec 2025 10:24

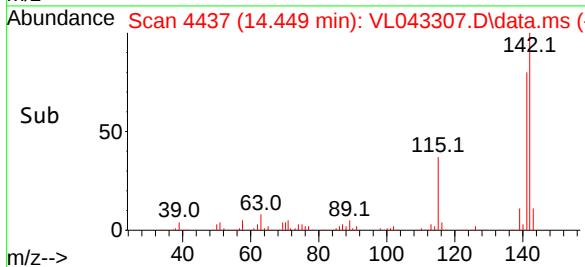
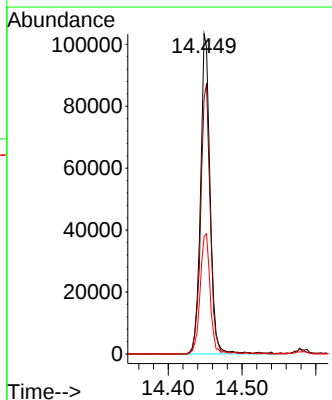
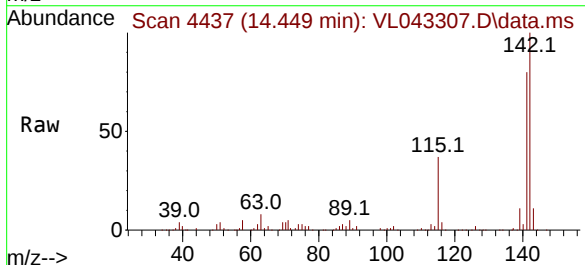
Instrument :
MSVOA_L
ClientSampleId :
VL1208ABS01

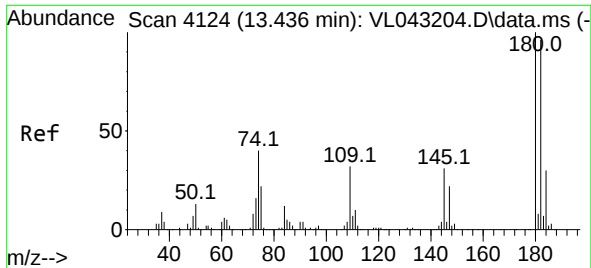
Tgt Ion:128 Resp: 409312
Ion Ratio Lower Upper
128 100
127 13.5 9.9 14.9
129 11.4 8.4 12.6



#80
Naphthalene,2-methyl-
Concen: 9.252 ppbv
RT: 14.449 min Scan# 4437
Delta R.T. -0.003 min
Lab File: VL043307.D
Acq: 08 Dec 2025 10:24

Tgt Ion:142 Resp: 92975
Ion Ratio Lower Upper
142 100
141 84.6 67.1 100.7
115 39.8 31.9 47.9





#81

1,2,4-Trichlorobenzene

Concen: 11.915 ppbv

RT: 13.432 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL043307.D

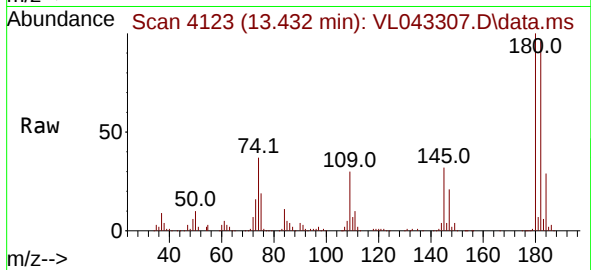
Acq: 08 Dec 2025 10:24

Instrument :

MSVOA_L

ClientSampleId :

VL1208ABS01



Tgt Ion:180 Resp: 204005

Ion Ratio Lower Upper

180 100

182 94.3 77.4 116.2

184 30.3 24.2 36.4

