

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111621\
 Data File : VL038030.D
 Acq On : 16 Nov 2021 6:54
 Operator : SY/AP
 Sample : VSTDICV010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Nov 16 07:28:28 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Nov 16 06:31:50 2021
 QLast Update : Tue Nov 16 06:31:50 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	719451	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2901742	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	3351093	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.40	95	2012318	8.31	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	83.10%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.05	85	1320662	8.604	ppbv 99
3) Chlorodifluoromethane	2.99	51	1700216	9.023	ppbv 100
4) Chloromethane	3.14	50	622182	9.182	ppbv 98
5) Vinyl Chloride	3.26	62	622347	9.338	ppbv 97
6) Bromomethane	3.47	94	324238	9.541	ppbv 97
7) Chloroethane	3.56	64	208827	9.857	ppbv 91
8) Dichlorotetrafluoroethane	3.19	85	1403262	9.160	ppbv 100
9) Propene	3.01	41	638063	8.582	ppbv 99
10) Heptane	8.11	43	1581794	9.063	ppbv 99
11) Trichlorofluoromethane	3.95	101	1362655	9.551	ppbv 99
12) 1,1,2-Trichlorotrifluoroet	4.48	101	1047273	9.388	ppbv 98
13) Ethanol	3.62	45	22952	2.308	ppbv # 17
14) Bromoethene	3.74	108	437310	10.049	ppbv 97
15) Acetone	3.85	43	722876	7.631	ppbv 99
16) 1,3-Butadiene	3.33	39	598458	9.607	ppbv 98
17) tert-Butyl alcohol	4.29	59	1036849	9.522	ppbv 99
18) 1,1-Dichloroethene	4.29	96	489282	9.767	ppbv 93
19) Isopropyl Alcohol	3.97	45	529106	8.617	ppbv # 41
20) Methylene Chloride	4.34	84	404452	7.281	ppbv 96
21) Allyl Chloride	4.41	41	785649	9.684	ppbv 100
22) trans-1,2-Dichloroethene	4.88	96	502939	9.593	ppbv 95
23) Vinyl Acetate	5.07	43	1313312	9.630	ppbv 99
24) 1,1-Dichloroethane	5.01	63	1031280	9.312	ppbv 99
25) Ethyl Acetate	5.67	43	1781852	8.523	ppbv 99
26) Hexane	5.68	57	836167	8.347	ppbv 97
27) Carbon Disulfide	4.55	76	1296692	9.920	ppbv 99
28) Methyl tert-Butyl Ether	5.03	73	1203944	9.409	ppbv 99
29) Chloroform	5.75	83	1419336	9.349	ppbv 98
30) Cyclohexane	7.12	84	1002743	8.721	ppbv 99
31) cis-1,2-Dichloroethene	5.54	61	797752	9.736	ppbv 97
32) 1,1,1-Trichloroethane	6.51	97	1699955	8.799	ppbv 99
34) 2-Butanone	5.24	43	821283	8.092	ppbv 98
35) Carbon Tetrachloride	7.01	117	1718424	8.568	ppbv 100
36) Benzene	6.89	78	2439769	8.731	ppbv 99
37) 1,2-Dichloroethane	6.30	62	1178527	9.059	ppbv 100
38) Trichloroethene	7.83	130	889066	7.928	ppbv 98
39) 1,2-Dichloropropane	7.61	63	952609	8.438	ppbv 98
40) 1,4-Dioxane	7.83	88	239619	8.237	ppbv # 100
41) Tetrahydrofuran	6.04	42	616855	8.432	ppbv 99
42) Bromodichloromethane	7.78	83	1823376	8.876	ppbv 100
43) Methyl Methacrylate	8.01	69	898979	9.104	ppbv 100

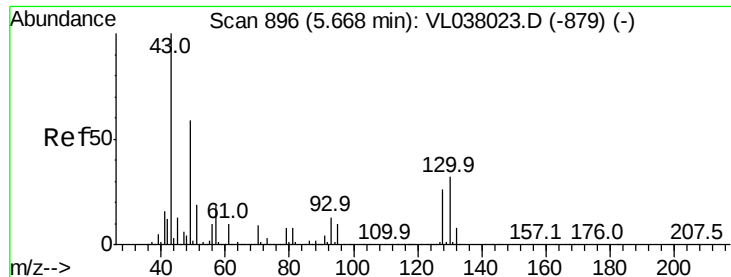
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111621\
 Data File : VL038030.D
 Acq On : 16 Nov 2021 6:54
 Operator : SY/AP
 Sample : VSTDICV010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Nov 16 07:28:28 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Nov 16 06:31:50 2021
 QLast Update : Tue Nov 16 06:31:50 2021
 Response via : Initial Calibration

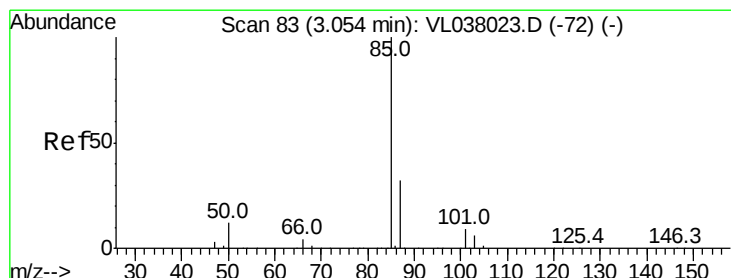
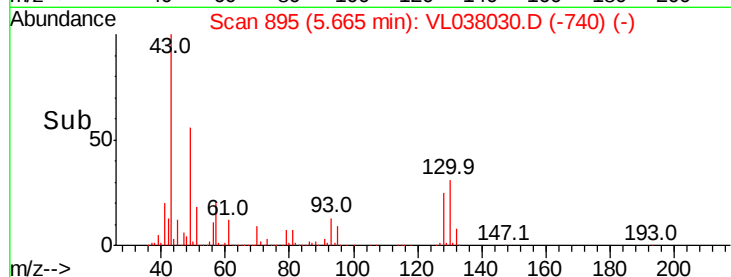
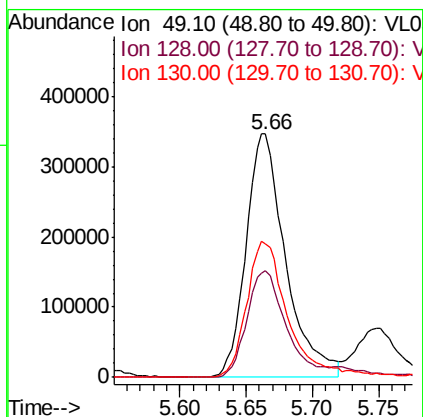
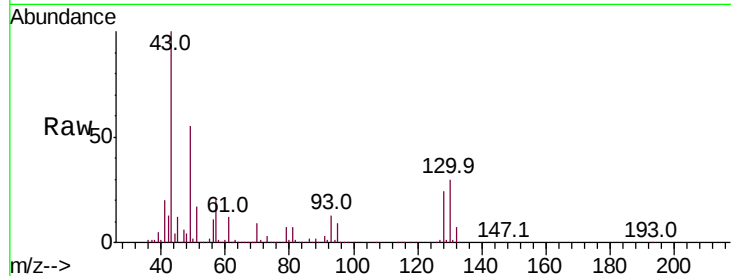
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.86	57	4000448	8.247	ppbv	99
45) t-1,3-Dichloropropene	9.27	75	810334	10.315	ppbv	96
46) cis-1,3-Dichloropropene	8.70	75	1019911	9.703	ppbv	97
47) 1,1,2-Trichloroethane	9.47	97	983352	8.807	ppbv	96
48) Dibromochloromethane	10.29	129	1612297	9.055	ppbv	100
49) Bromoform	13.03	173	1224058	9.009	ppbv	99
50) 4-Methyl-2-Pentanone	8.74	43	1571584	8.829	ppbv	99
51) 2-Hexanone	10.13	43	752106	9.145	ppbv	99
52) Tetrachloroethene	11.21	164	830876	7.881	ppbv	98
53) Toluene	9.80	91	2815209	8.478	ppbv	99
54) 1,2-Dibromoethane	10.60	107	1403192	9.140	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.11	131	1032111	6.904	ppbv #	58
57) Chlorobenzene	12.14	112	1967884	6.900	ppbv	98
58) Ethyl Benzene	12.70	91	3617723	6.838	ppbv	100
59) m/p-Xylene	12.99	91	3186843	7.305	ppbv #	41
60) o-Xylene	13.68	91	2723833	6.632	ppbv	100
61) Styrene	13.52	104	1621412	7.310	ppbv	98
62) Isopropylbenzene	14.65	105	3926281	6.732	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.66	83	1894058	6.453	ppbv	100
64) n-propylbenzene	15.55	120	1043470	7.025	ppbv	96
65) tert-Butylbenzene	16.73	119	3297777	6.373	ppbv	99
66) Benzyl Chloride	16.97	91	235613	6.820	ppbv	99
67) sec-Butylbenzene	17.28	105	4597351	6.468	ppbv	99
69) p-Isopropyltoluene	17.64	119	3750401	6.642	ppbv	100
70) n-Butylbenzene	18.54	91	3534256	6.813	ppbv	99
71) 2-Chlorotoluene	15.44	91	2840857	6.706	ppbv	99
72) 4-Ethyltoluene	15.82	105	3241782	6.889	ppbv	98
73) 1,3,5-Trimethylbenzene	15.98	105	2924608	6.599	ppbv	100
74) 1,2,4-Trimethylbenzene	16.75	105	2938804	6.605	ppbv	96
75) 1,3-Dichlorobenzene	16.98	146	1684577	6.933	ppbv	98
76) 1,4-Dichlorobenzene	17.12	146	1644378	6.851	ppbv	98
77) 1,2-Dichlorobenzene	17.81	146	1582531	6.834	ppbv	100
78) Hexachloro-1,3-Butadiene	23.36	225	888051	5.752	ppbv	98
79) Naphthalene	22.18	128	1765578	7.650	ppbv	98
80) Naphthalene, 2-methyl-	24.96	142	430878	11.418	ppbv	94
81) 1,2,4-Trichlorobenzene	21.91	180	945624	8.152	ppbv	99

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

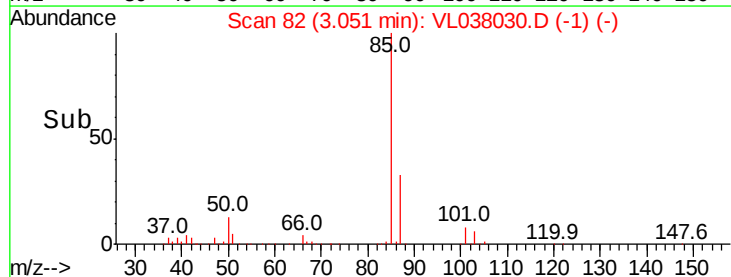
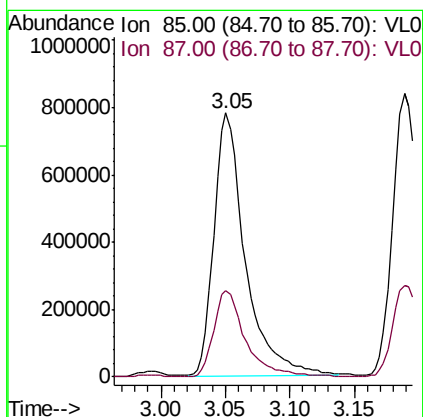
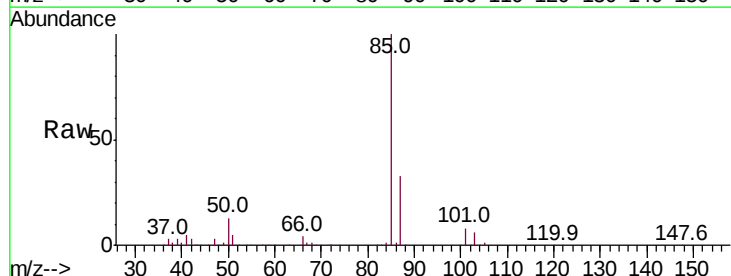


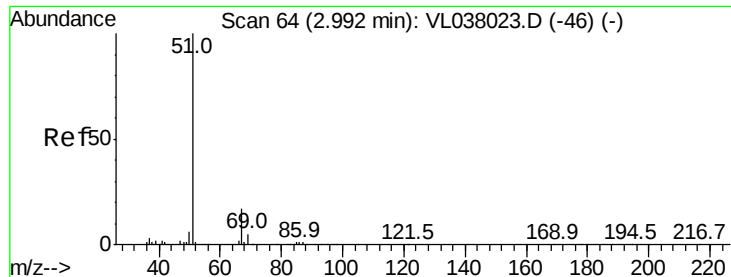
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.66
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 16 Nov 2021 8:54

Tot Ion: 49 Resp: 719451
 Ion Ratio Lower Upper
 49 100
 128 48.7 23.4 70.2
 130 60.2 29.1 87.3



#2
 Dichlorodifluoromethane
 Concen: 8.604 ppbv
 RT: 3.05 min Scan# 82
 Delta R.T. -0.00 min
 Lab File: VL038030.D
 Acq: 16 Nov 2021 6:54
 Tgt Ion: 85 Resp: 1320662
 Ion Ratio Lower Upper
 85 100
 87 32.8 25.9 38.9





#3

Chlorodifluoromethane

Concen: 9.023 ppbv

RT: 2.99 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

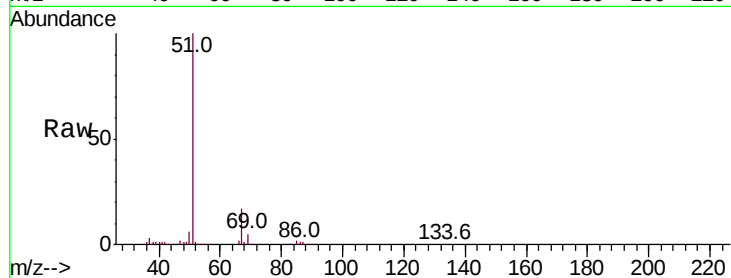
Acq: 16 Nov 2021 8:54

Tot Ion: 51 Resp: 1700216

Ion Ratio Lower Upper

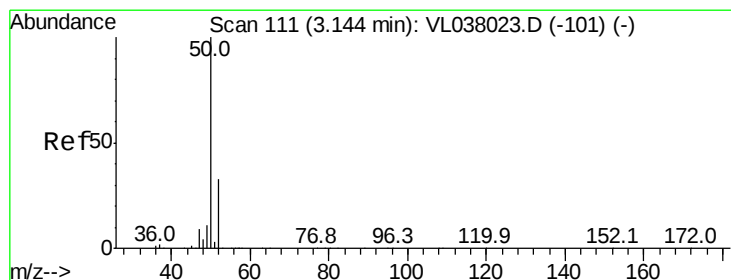
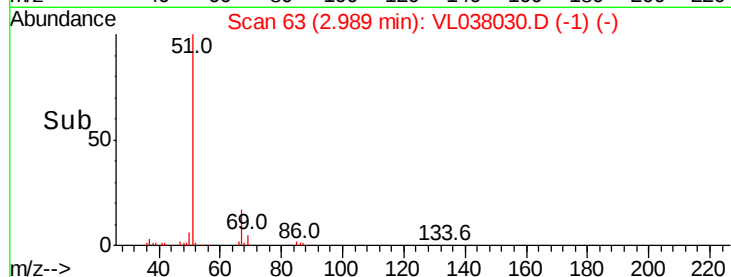
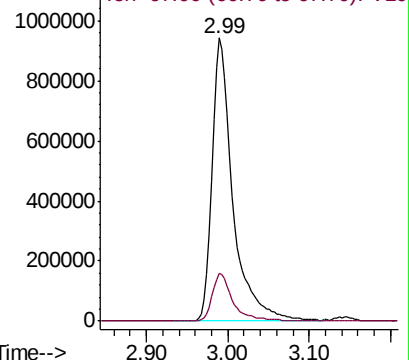
51 100

67 16.9 13.5 20.3



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 9.182 ppbv

RT: 3.14 min Scan# 111

Delta R.T. 0.00 min

Lab File: VL038030.D

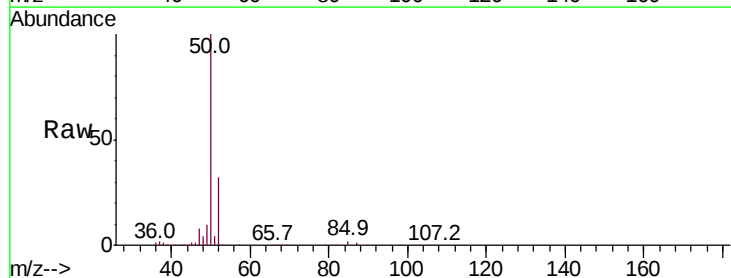
Acq: 16 Nov 2021 6:54

Tgt Ion: 50 Resp: 622182

Ion Ratio Lower Upper

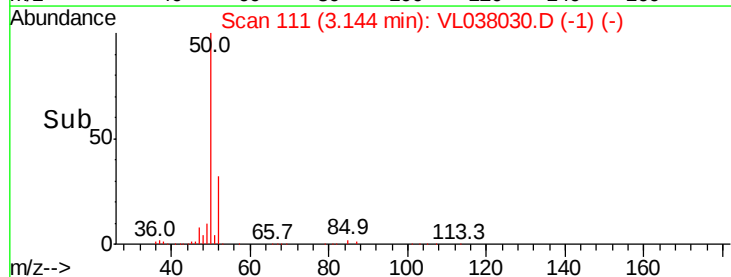
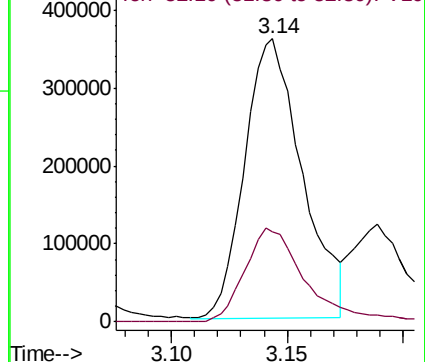
50 100

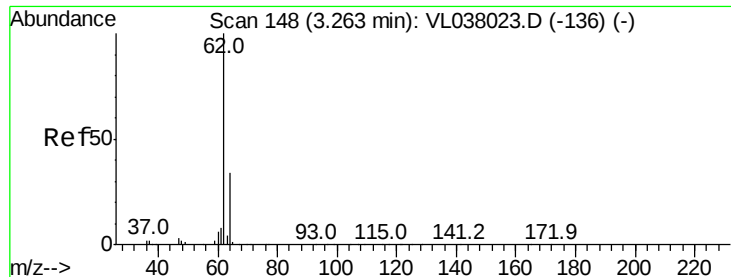
52 32.1 26.4 39.6



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 9.338 ppbv

RT: 3.26 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

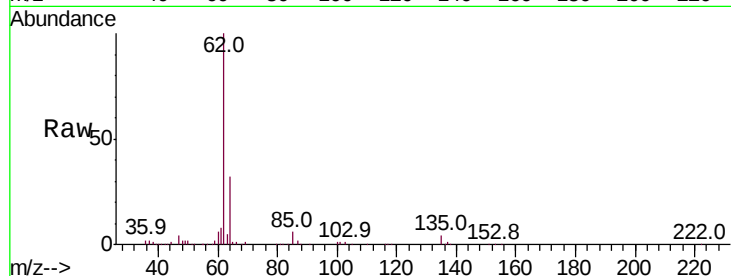
Acq: 16 Nov 2021 6:54

Tot Ion: 62 Resp: 622347

Ion Ratio Lower Upper

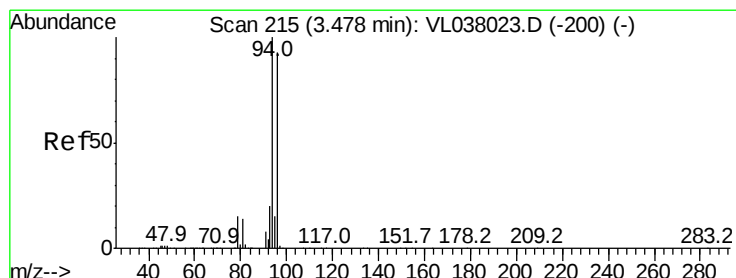
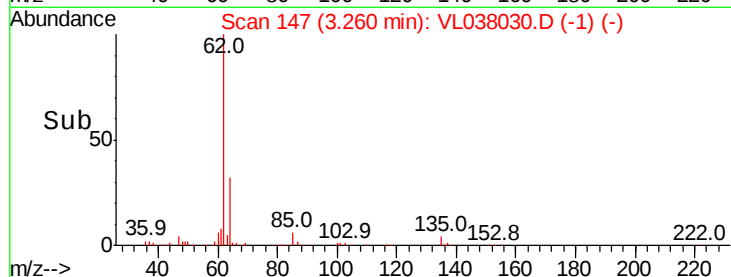
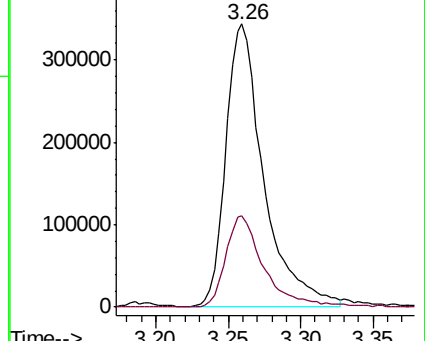
62 100

64 32.4 27.4 41.0



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0



#6

Bromomethane

Concen: 9.541 ppbv

RT: 3.47 min Scan# 214

Delta R.T. -0.00 min

Lab File: VL038030.D

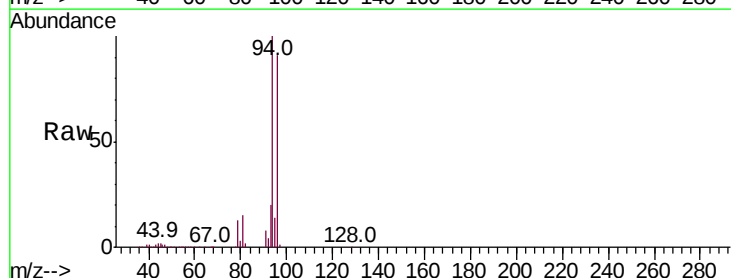
Acq: 16 Nov 2021 6:54

Tgt Ion: 94 Resp: 324238

Ion Ratio Lower Upper

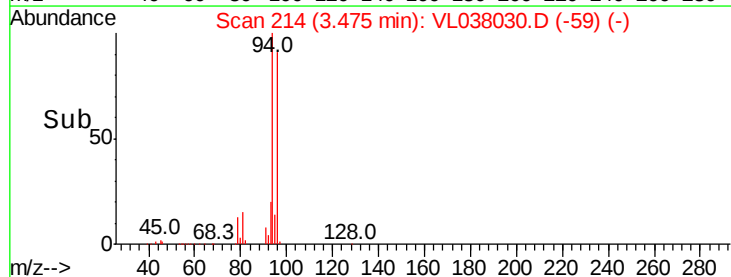
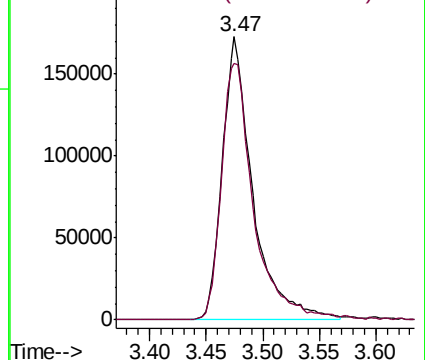
94 100

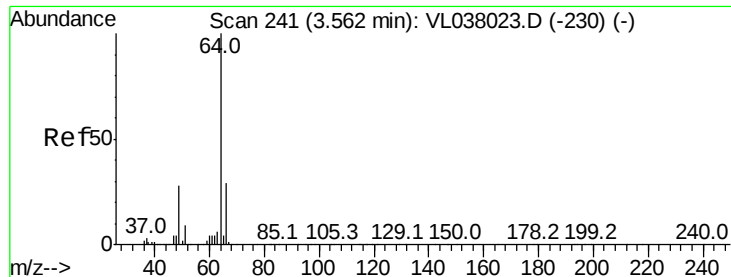
96 90.8 74.8 112.2



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0





#7

Chloroethane

Concen: 9.857 ppbv

RT: 3.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

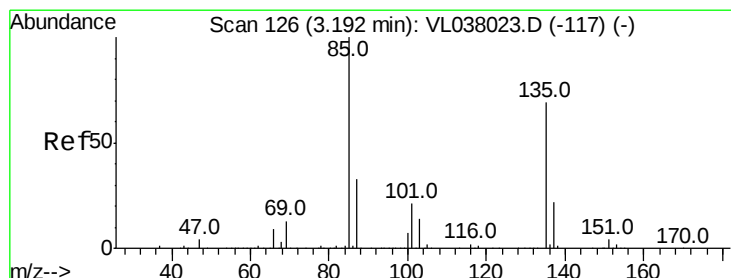
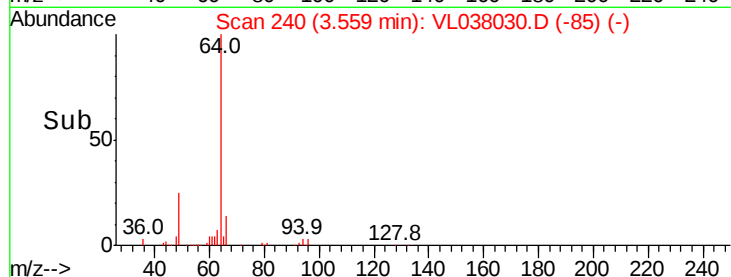
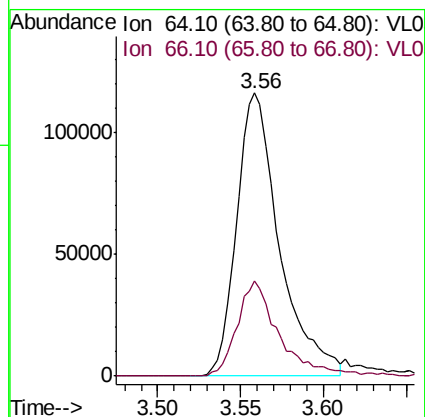
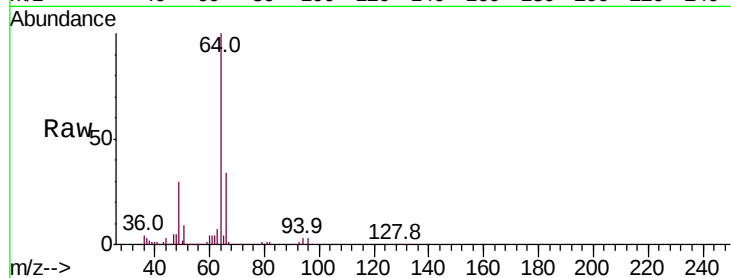
Acq: 16 Nov 2021 8:54

Tot Ion: 64 Resp: 208827

Ion Ratio Lower Upper

64 100

66 33.7 23.1 34.7



#8

Dichlorotetrafluoroethane

Concen: 9.160 ppbv

RT: 3.19 min Scan# 125

Delta R.T. -0.00 min

Lab File: VL038030.D

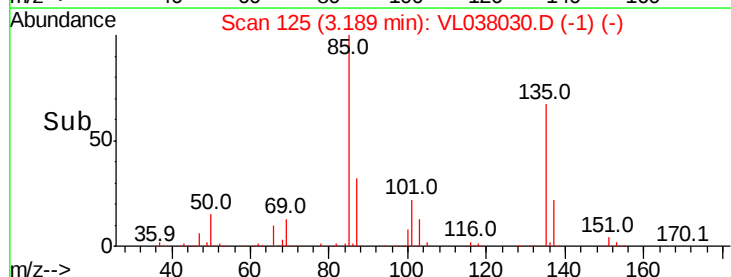
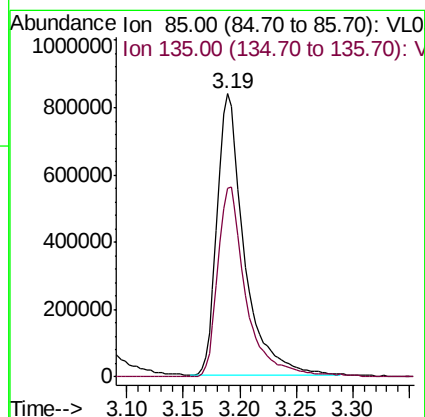
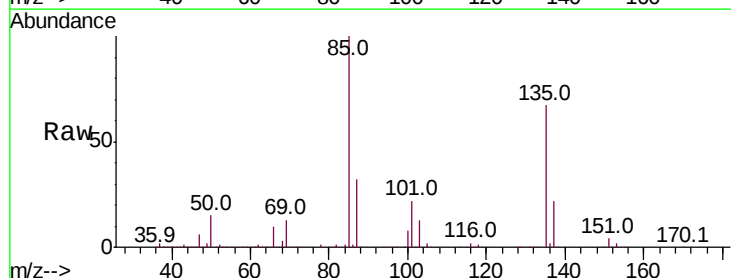
Acq: 16 Nov 2021 6:54

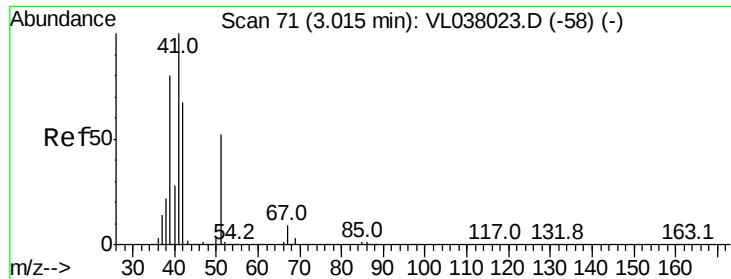
Tgt Ion: 85 Resp: 1403262

Ion Ratio Lower Upper

85 100

135 71.3 57.0 85.6





#9

Propene

Concen: 8.582 ppbv

RT: 3.01 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

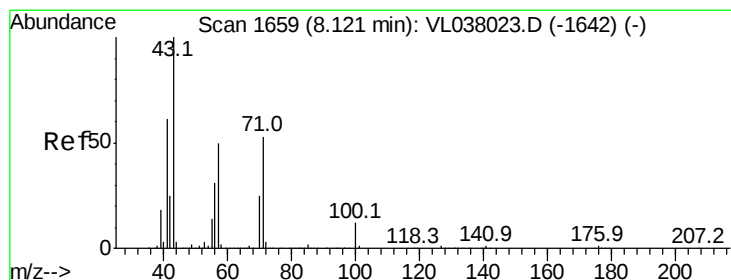
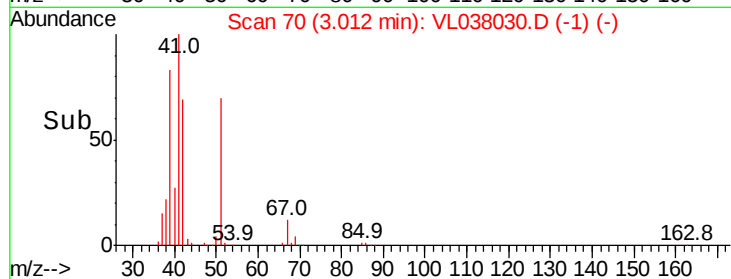
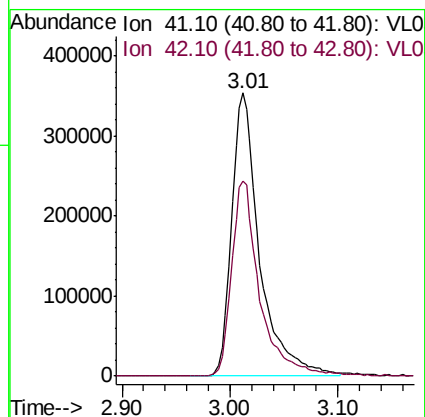
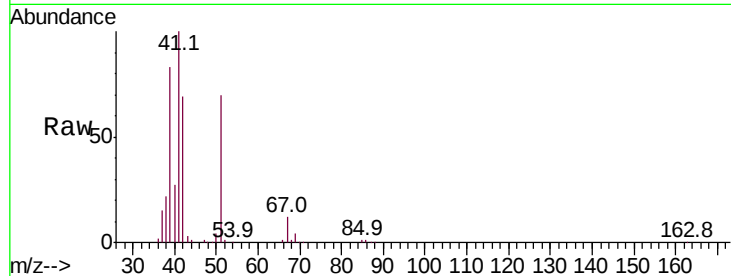
Acq: 16 Nov 2021 6:54

Tot Ion: 41 Resp: 638063

Ion Ratio Lower Upper

41 100

42 69.7 55.4 83.0



#10

Heptane

Concen: 9.063 ppbv

RT: 8.11 min Scan# 1657

Delta R.T. -0.01 min

Lab File: VL038030.D

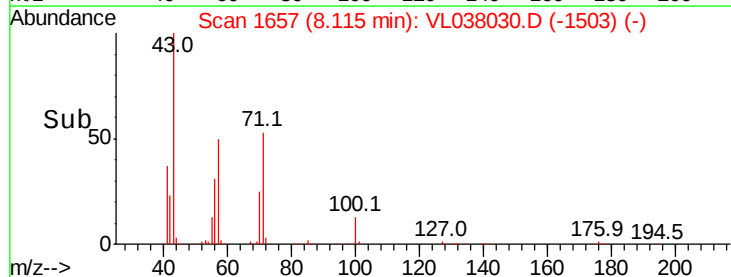
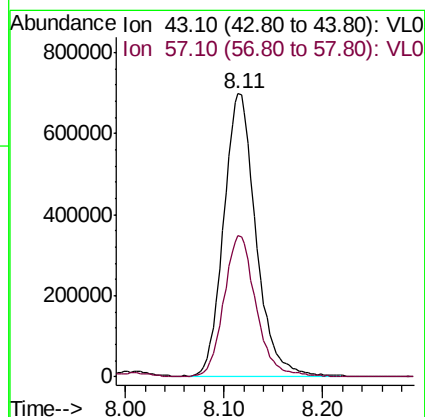
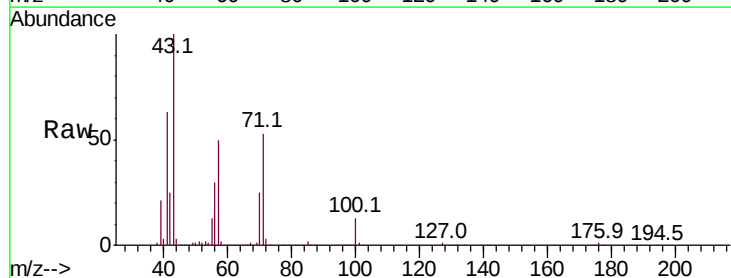
Acq: 16 Nov 2021 6:54

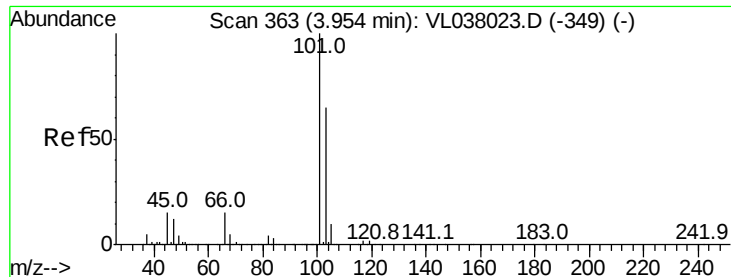
Tgt Ion: 43 Resp: 1581794

Ion Ratio Lower Upper

43 100

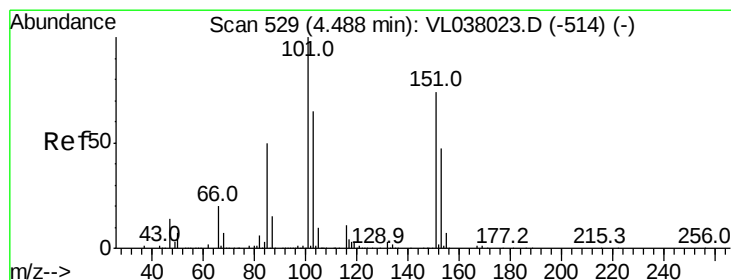
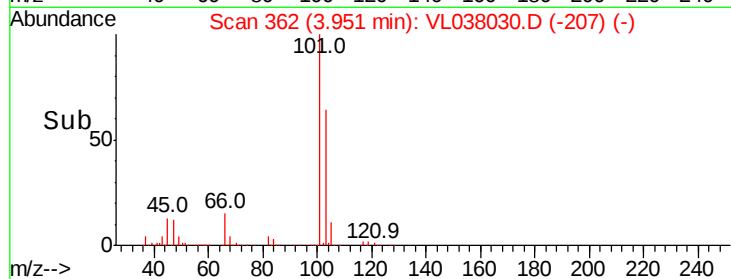
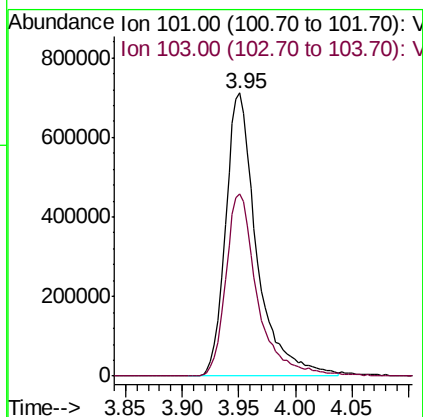
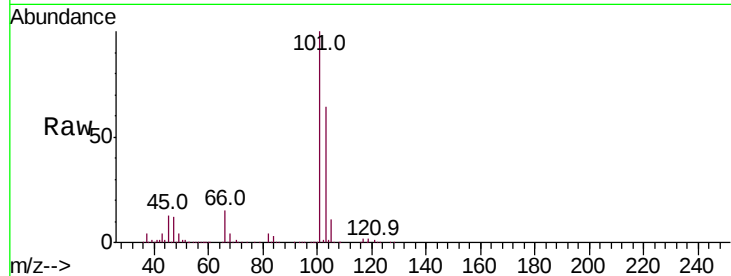
57 50.4 39.9 59.9





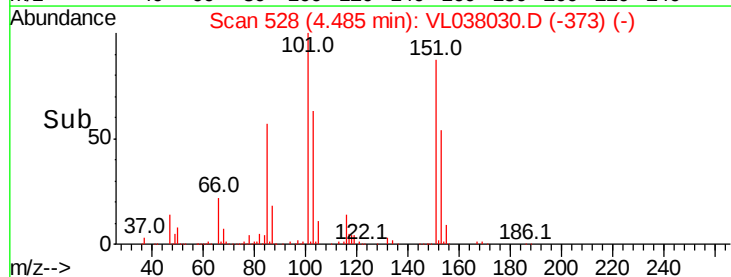
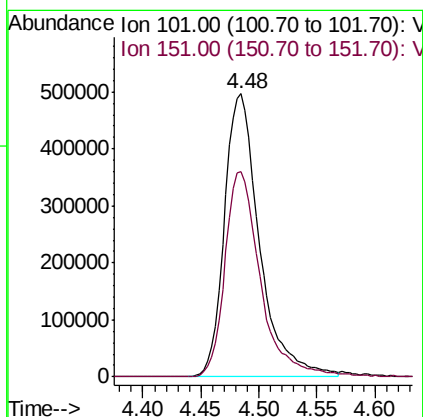
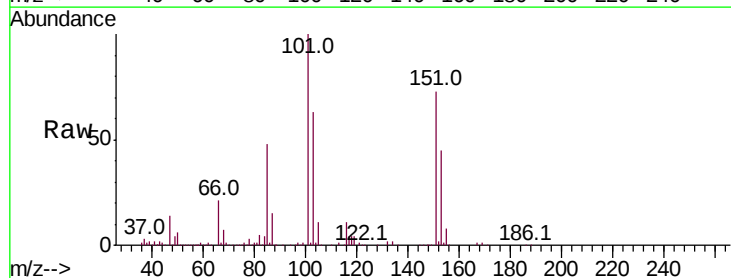
#11
 Trichlorofluoromethane
 Concen: 9.551 ppbv
 RT: 3.95 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 16 Nov 2021 8:54

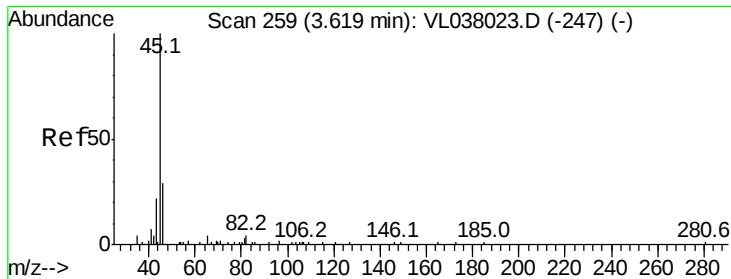
Tot Ion:101 Resp: 1362655
 Ion Ratio Lower Upper
 101 100
 103 64.5 52.3 78.5



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.388 ppbv
 RT: 4.48 min Scan# 528
 Delta R.T. -0.00 min
 Lab File: VL038030.D
 Acq: 16 Nov 2021 6:54

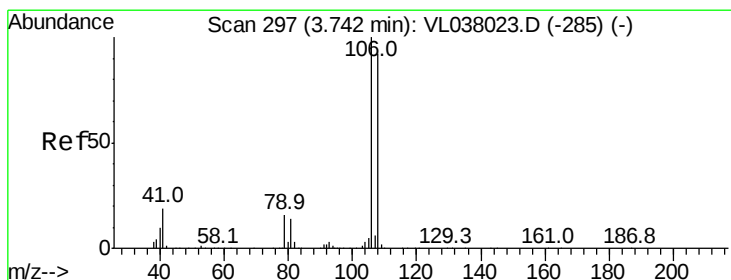
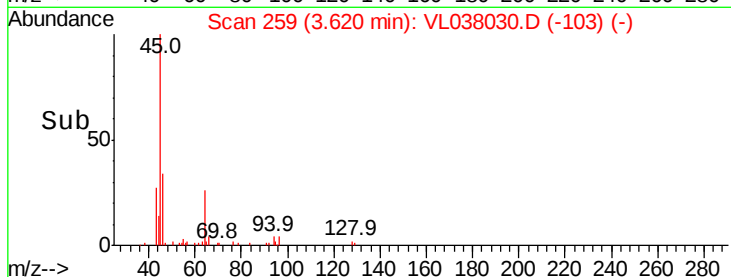
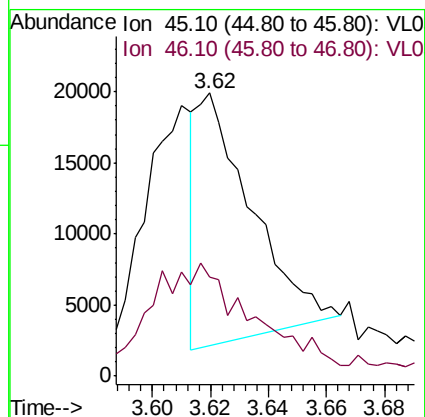
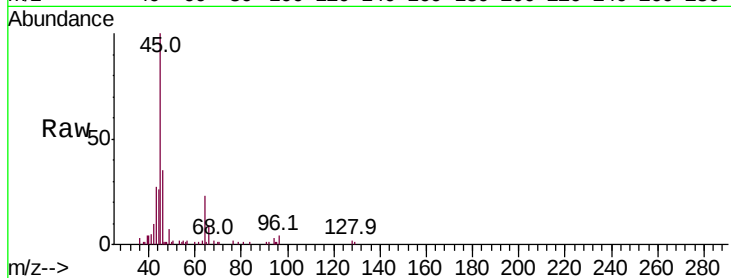
Tgt Ion:101 Resp: 1047273
 Ion Ratio Lower Upper
 101 100
 151 73.9 57.9 86.9





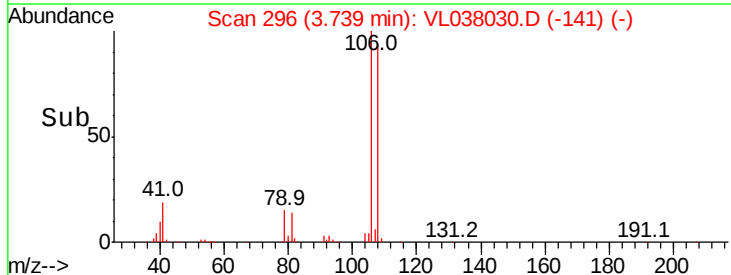
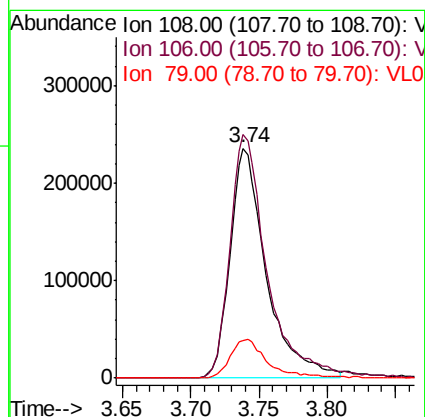
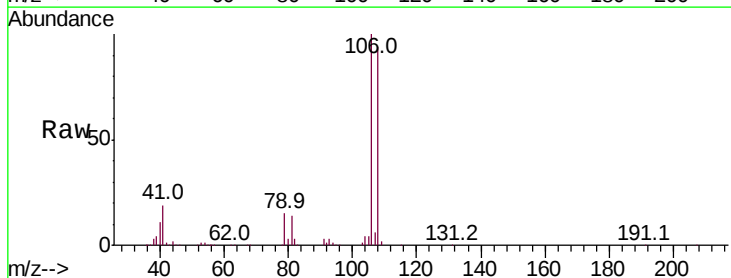
#13
 Ethanol
 Concen: 2.308 ppbv
 RT: 3.62
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 16 Nov 2021 6:54

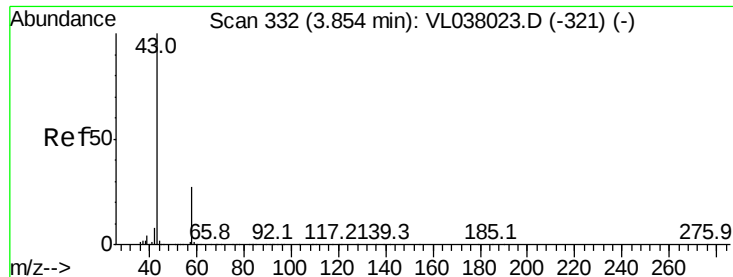
Tot Ion: 45 Resp: 22952
 Ion Ratio Lower Upper
 45 100
 46 89.0 15.5 61.9#



#14
 Bromoethene
 Concen: 10.049 ppbv
 RT: 3.74 min Scan# 296
 Delta R.T. -0.00 min
 Lab File: VL038030.D
 Acq: 16 Nov 2021 6:54

Tgt Ion: 108 Resp: 437310
 Ion Ratio Lower Upper
 108 100
 106 109.9 90.4 135.6
 79 17.8 14.1 21.1





#15

Acetone

Concen: 7.631 ppbv

RT: 3.85 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

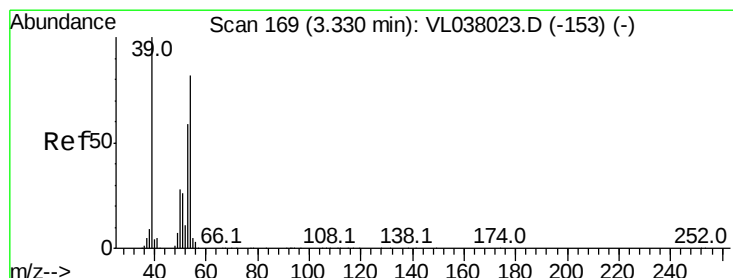
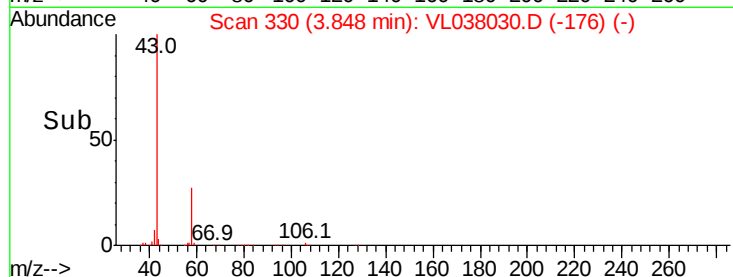
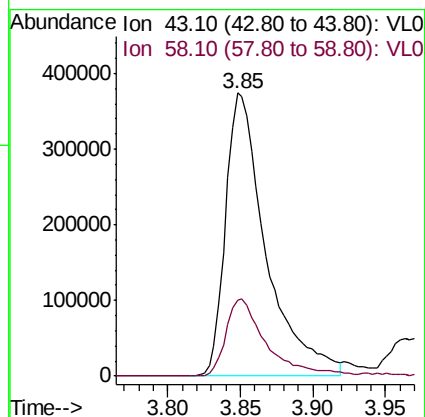
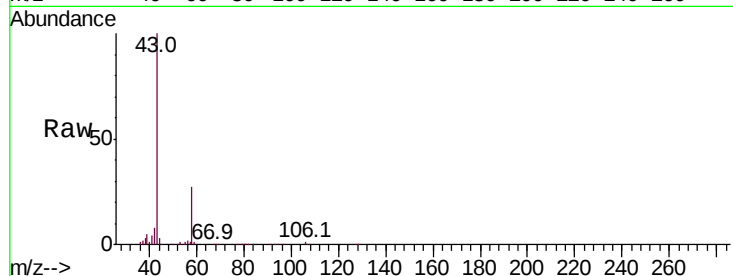
Acq: 16 Nov 2021 8:54

Tot Ion: 43 Resp: 722876

Ion Ratio Lower Upper

43 100

58 27.4 22.6 33.8



#16

1,3-Butadiene

Concen: 9.607 ppbv

RT: 3.33 min Scan# 169

Delta R.T. 0.00 min

Lab File: VL038030.D

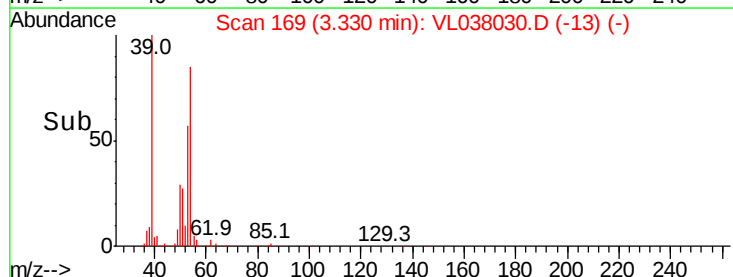
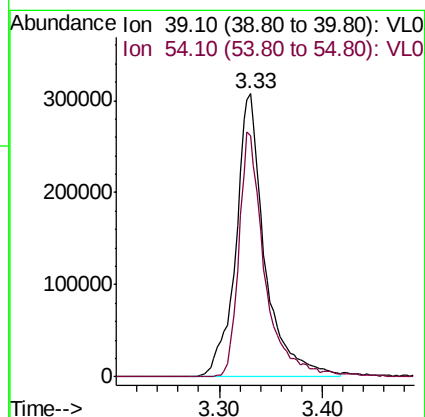
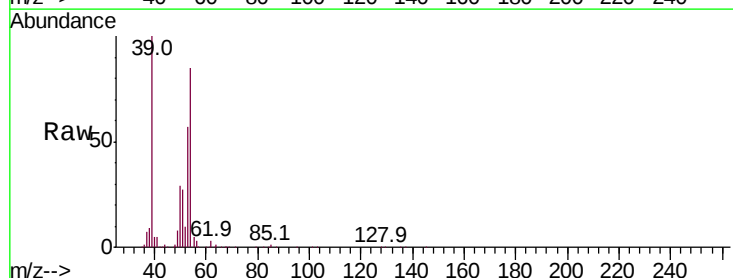
Acq: 16 Nov 2021 6:54

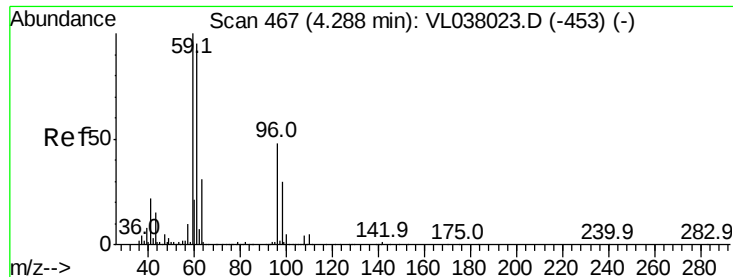
Tgt Ion: 39 Resp: 598458

Ion Ratio Lower Upper

39 100

54 78.3 63.8 95.8





#17

tert-Butyl alcohol

Concen: 9.522 ppbv

RT: 4.29 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

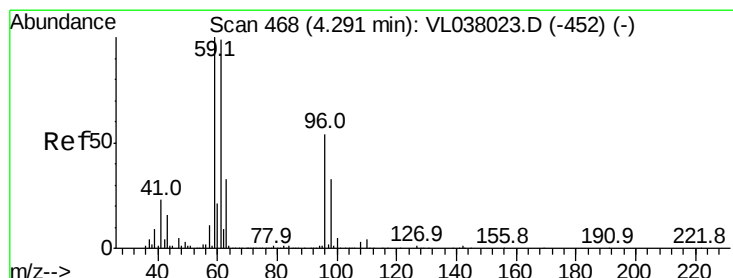
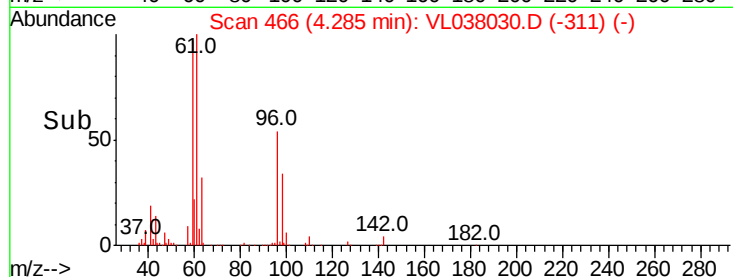
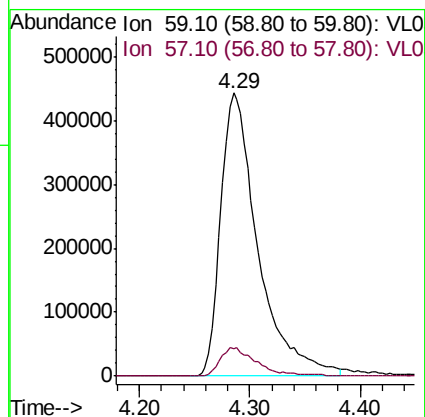
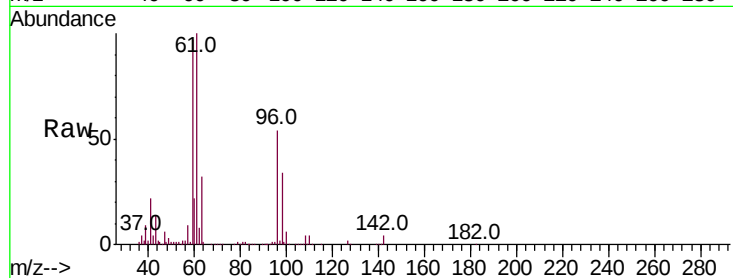
Acq: 16 Nov 2021 6:54

Tot Ion: 59 Resp: 1036849

Ion Ratio Lower Upper

59 100

57 10.6 8.7 13.1



#18

1,1-Dichloroethene

Concen: 9.767 ppbv

RT: 4.29 min Scan# 467

Delta R.T. -0.00 min

Lab File: VL038030.D

Acq: 16 Nov 2021 6:54

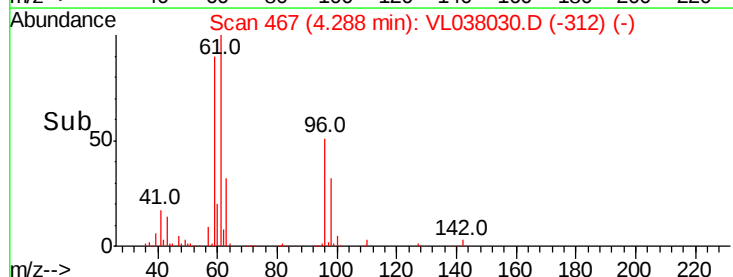
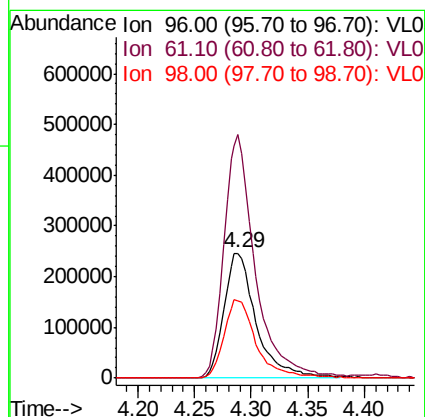
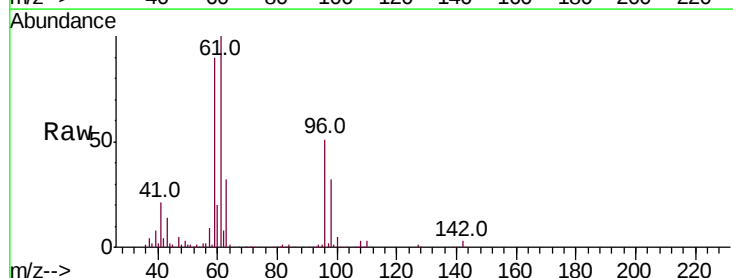
Tgt Ion: 96 Resp: 489282

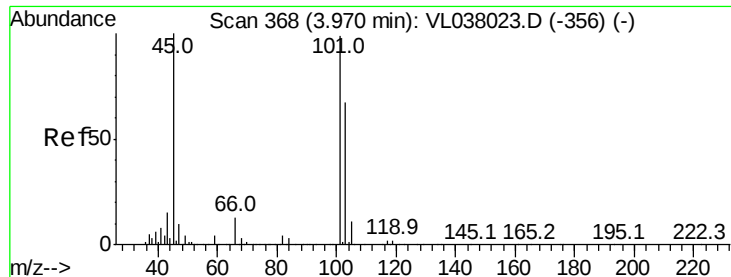
Ion Ratio Lower Upper

96 100

61 194.5 145.2 217.8

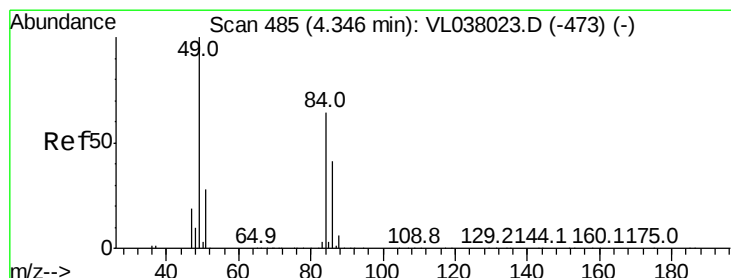
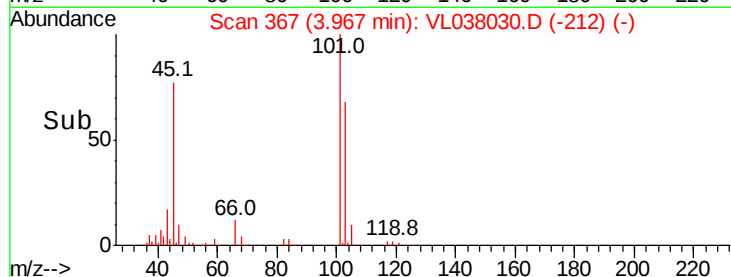
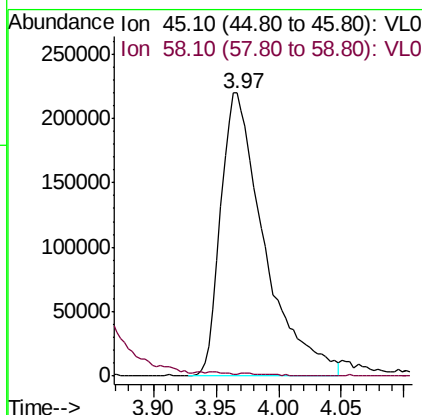
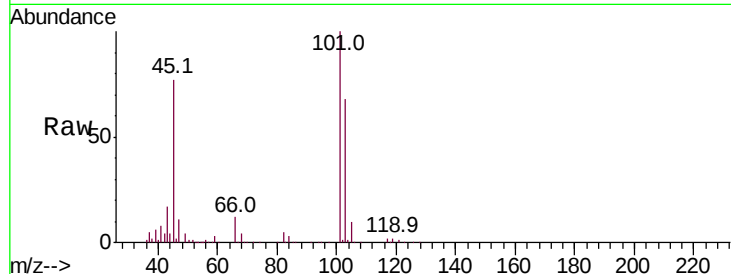
98 61.8 48.8 73.2





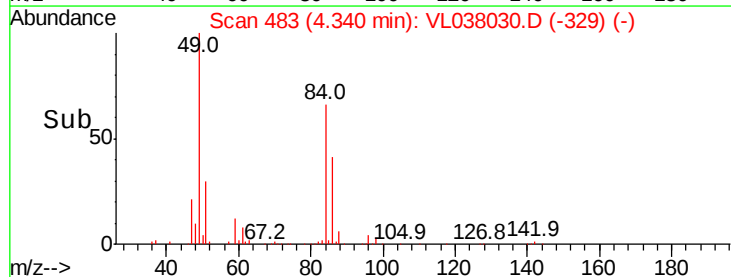
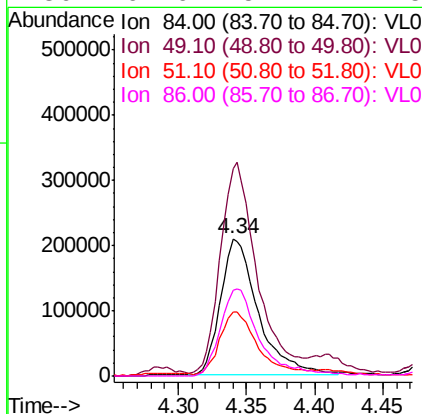
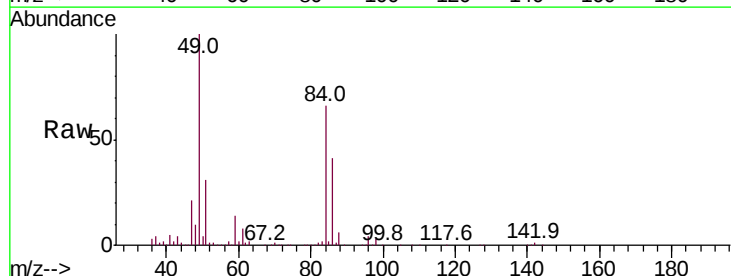
#19
Isopropyl Alcohol
Concen: 8.617 ppbv
RT: 3.97
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 16 Nov 2021 6:54

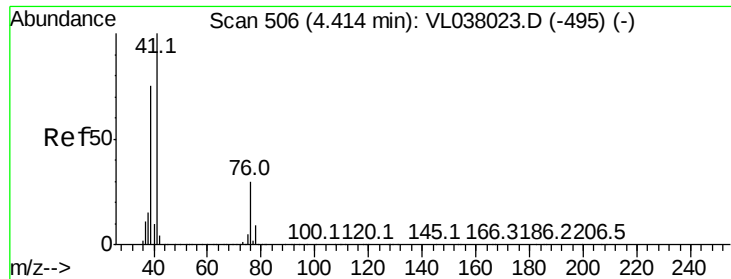
Tot Ion: 45 Resp: 529106
Ion Ratio Lower Upper
45 100
58 1.6 29.4 44.0#



#20
Methylene Chloride
Concen: 7.281 ppbv
RT: 4.34 min Scan# 483
Delta R.T. -0.01 min
Lab File: VL038030.D
Acq: 16 Nov 2021 6:54

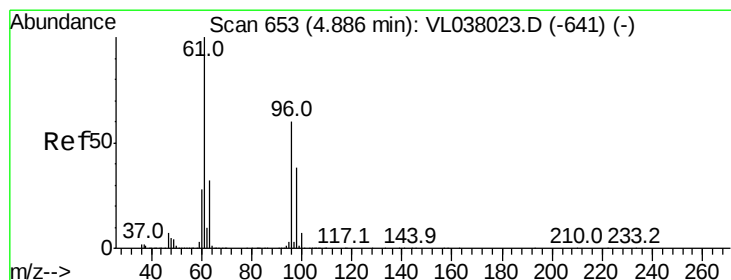
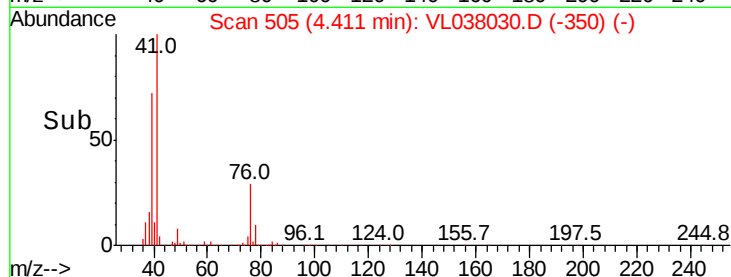
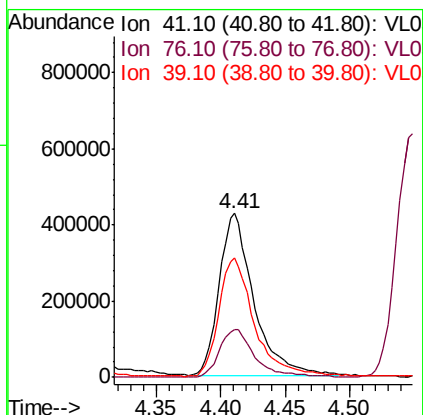
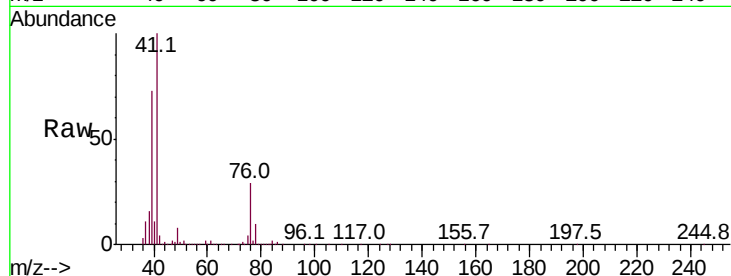
Tgt Ion: 84 Resp: 404452
Ion Ratio Lower Upper
84 100
49 149.2 125.1 187.7
51 45.1 35.3 52.9
86 62.6 51.7 77.5





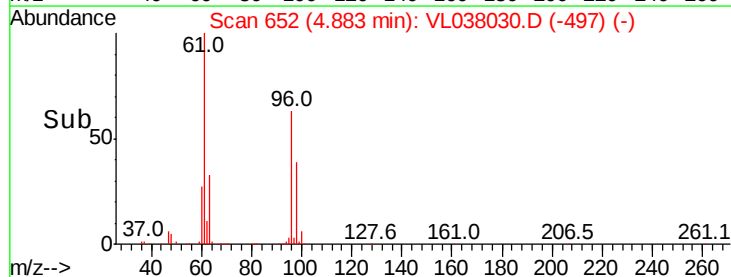
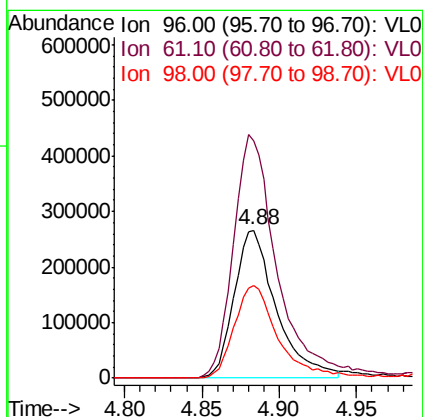
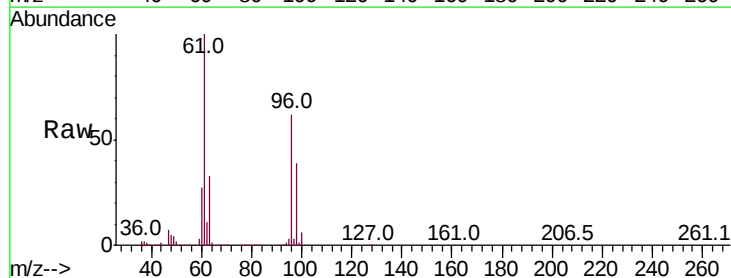
#21
 Allvl Chloride
 Concen: 9.684 ppbv
 RT: 4.41 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 16 Nov 2021 8:54

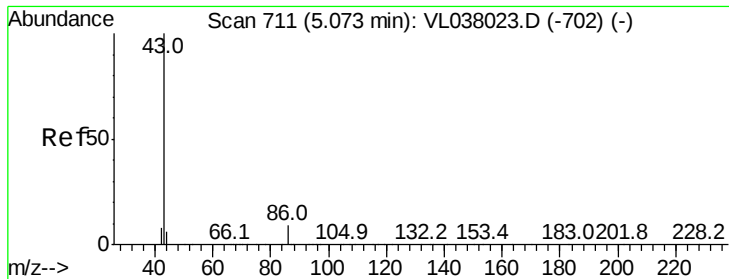
Tot Ion	Ratio	Lower	Upper
41	100		
76	30.8	24.6	37.0
39	76.1	60.6	90.8



#22
 trans-1,2-Dichloroethene
 Concen: 9.593 ppbv
 RT: 4.88 min Scan# 652
 Delta R.T. -0.00 min
 Lab File: VL038030.D
 Acq: 16 Nov 2021 6:54

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.1	134.2	201.4
98	62.3	51.3	76.9

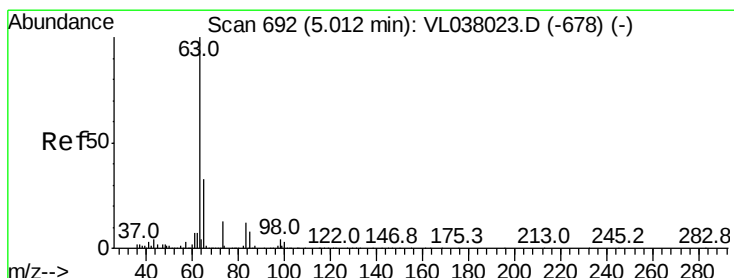
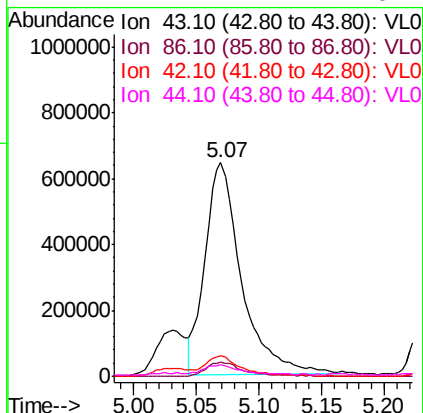
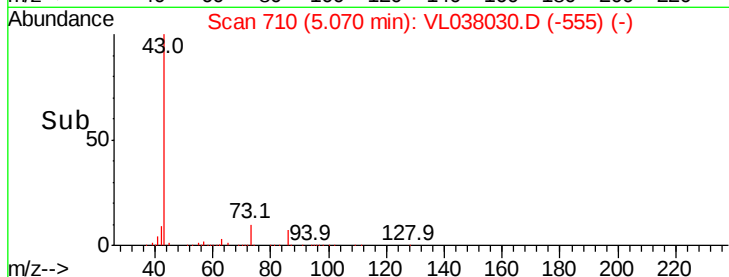
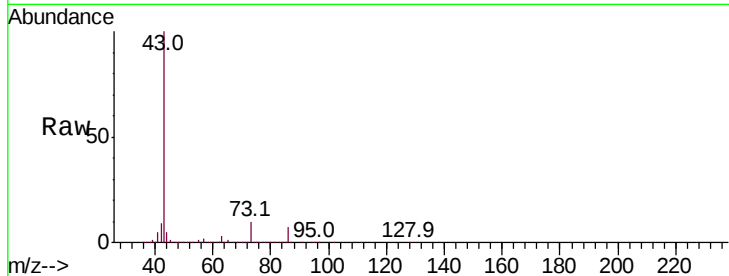




#23
 Vinyl Acetate
 Concen: 9.630 ppbv
 RT: 5.07
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 16 Nov 2021 6:54

Tot Ion: 43 Resp: 1313312

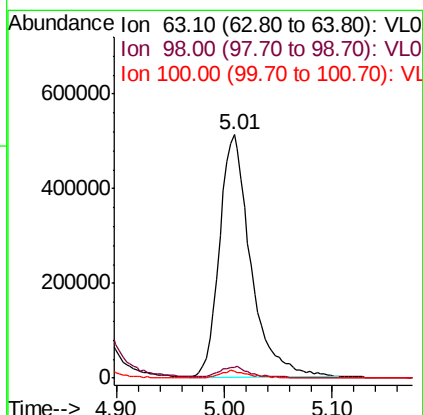
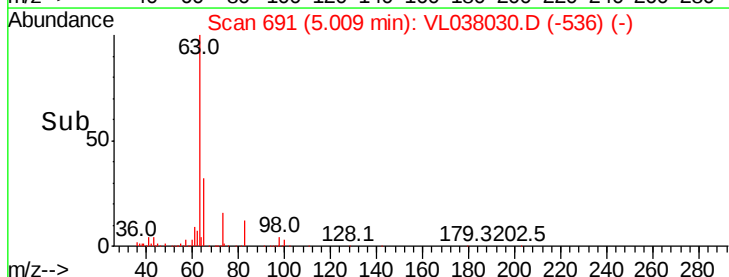
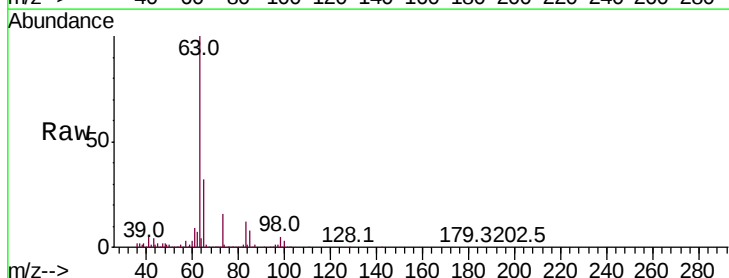
Ion	Ratio	Lower	Upper
43	100		
86	6.6	5.9	8.9
42	9.3	7.4	11.2
44	4.4	4.1	6.1

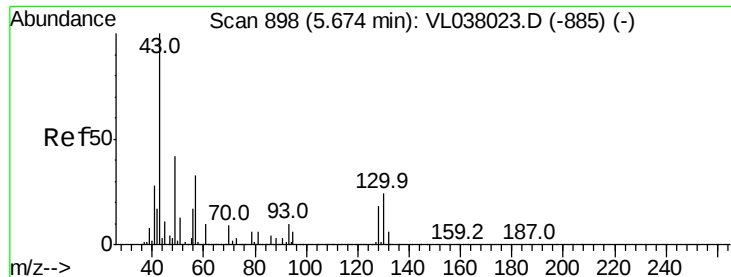


#24
 1,1-Dichloroethane
 Concen: 9.312 ppbv
 RT: 5.01 min Scan# 691
 Delta R.T. -0.00 min
 Lab File: VL038030.D
 Acq: 16 Nov 2021 6:54

Tgt Ion: 63 Resp: 1031280

Ion	Ratio	Lower	Upper
63	100		
98	4.3	2.3	6.9
100	2.8	1.5	4.4

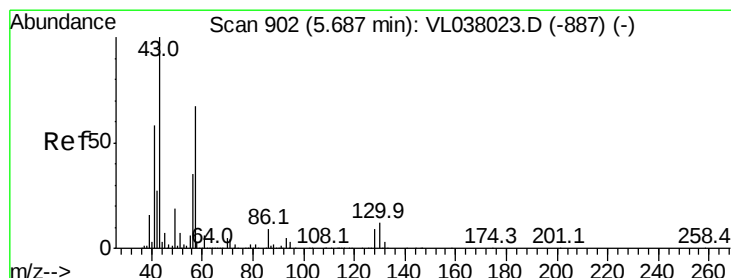
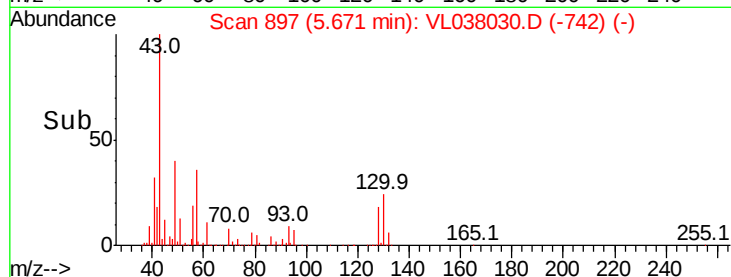
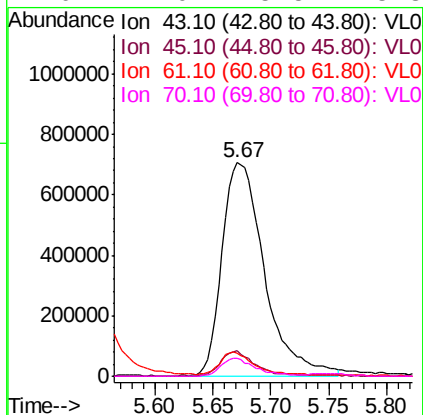
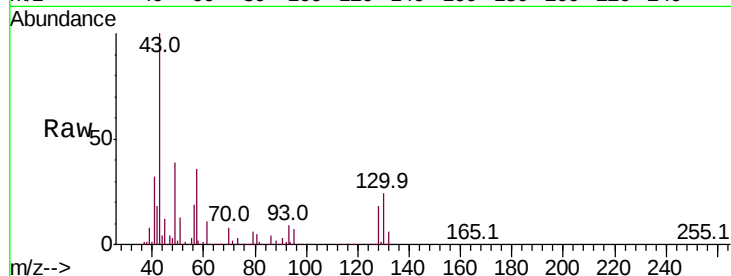




#25
Ethyl Acetate
Concen: 8.523 ppbv
RT: 5.67 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 16 Nov 2021 8:54

Tot Ion: 43 Resp: 1781852

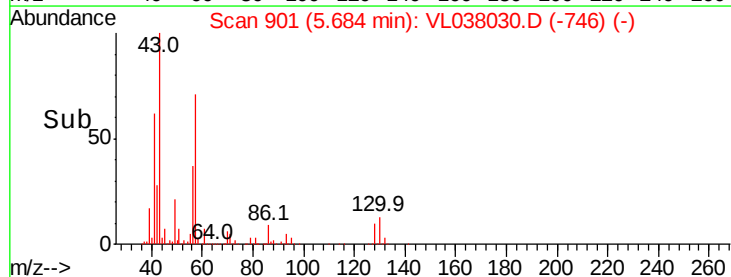
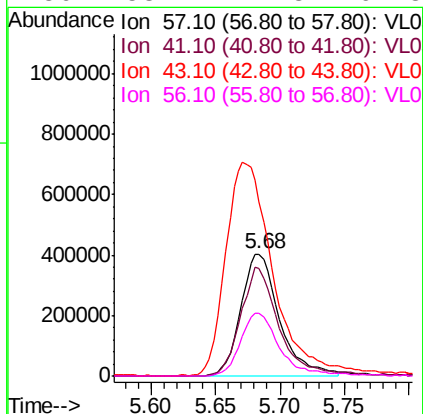
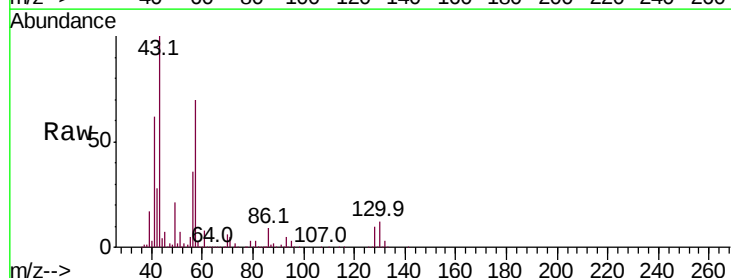
Ion	Ratio	Lower	Upper
43	100		
45	10.2	7.8	11.8
61	10.4	7.7	11.5
70	7.0	5.5	8.3

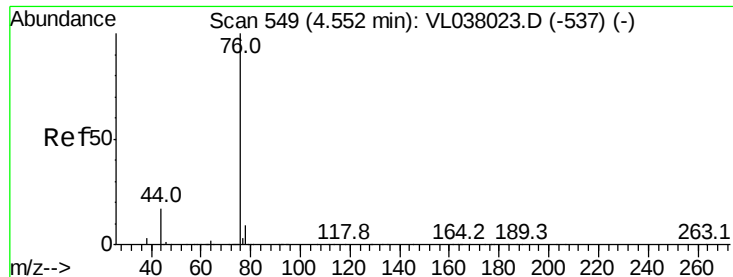


#26
Hexane
Concen: 8.347 ppbv
RT: 5.68 min Scan# 901
Delta R.T. -0.00 min
Lab File: VL038030.D
Acq: 16 Nov 2021 6:54

Tgt Ion: 57 Resp: 836167

Ion	Ratio	Lower	Upper
57	100		
41	89.8	70.8	106.2
43	218.9	169.4	254.0
56	53.7	41.8	62.8





#27

Carbon Disulfide

Concen: 9.920 ppbv

RT: 4.55 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 16 Nov 2021 6:54

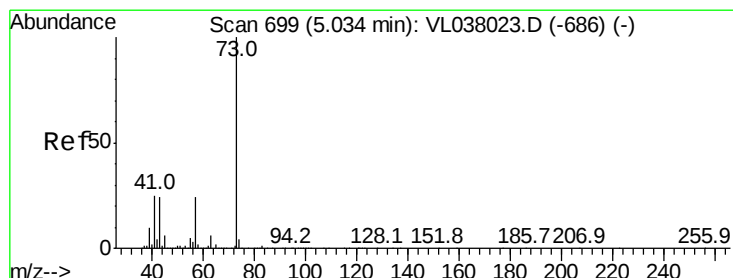
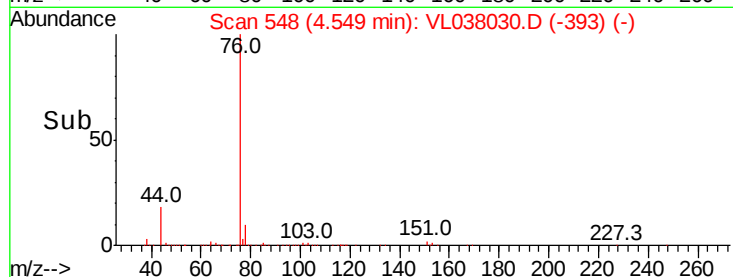
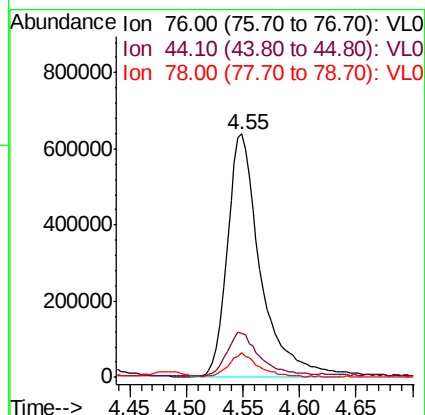
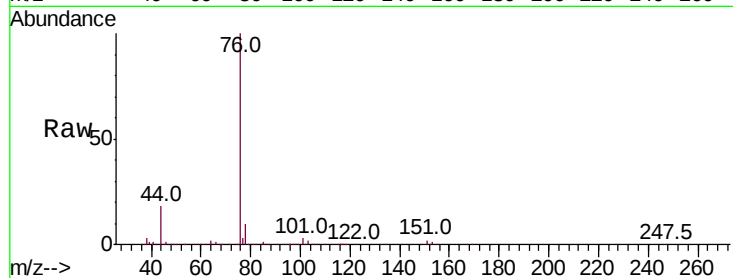
Tot Ion: 76 Resp: 1296692

Ion Ratio Lower Upper

76 100

44 19.2 15.0 22.6

78 9.4 7.8 11.6



#28

Methyl tert-Butyl Ether

Concen: 9.409 ppbv

RT: 5.03 min Scan# 698

Delta R.T. -0.00 min

Lab File: VL038030.D

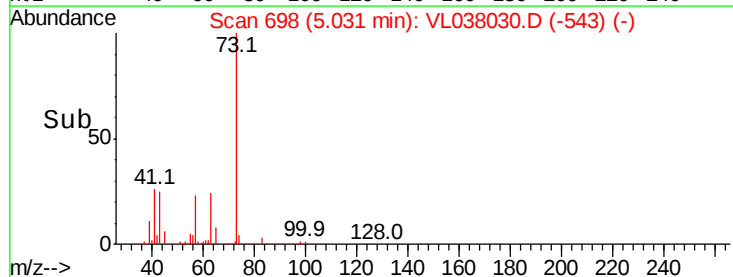
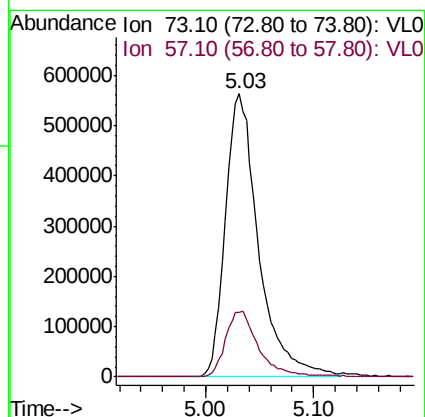
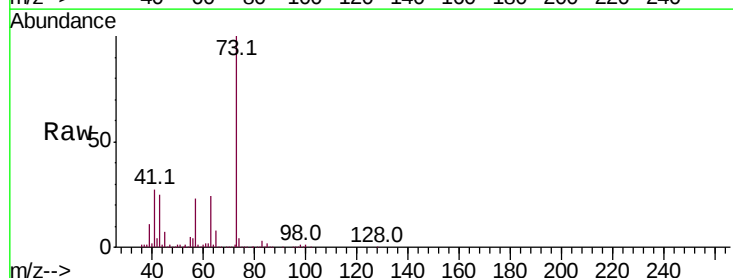
Acq: 16 Nov 2021 6:54

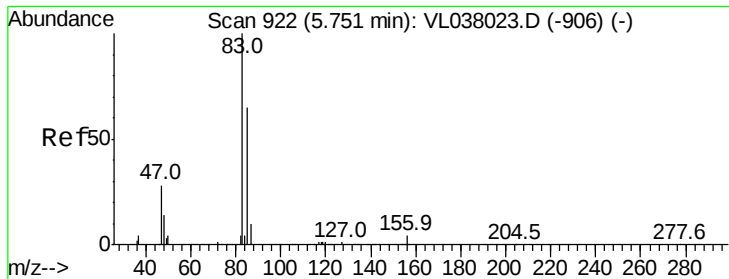
Tgt Ion: 73 Resp: 1203944

Ion Ratio Lower Upper

73 100

57 23.4 19.1 28.7





#29

Chloroform

Concen: 9.349 ppbv

RT: 5.75 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

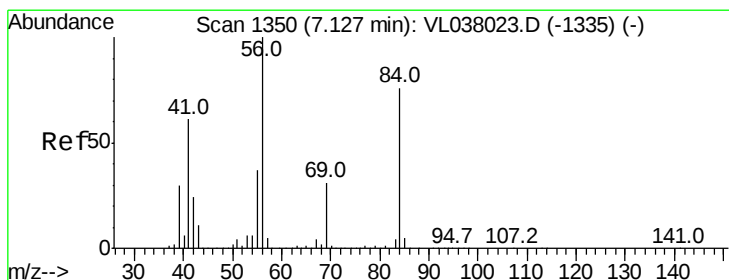
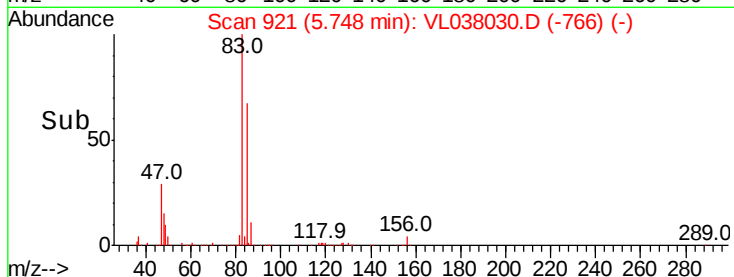
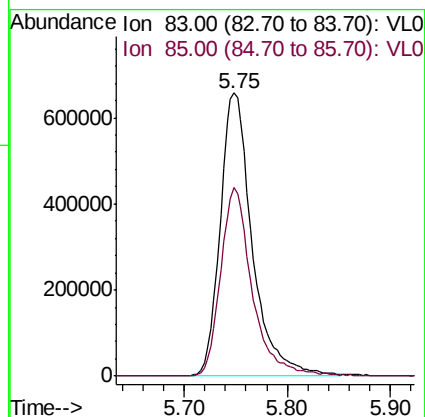
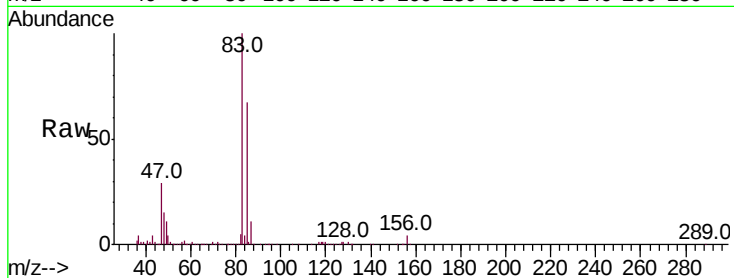
Acq: 16 Nov 2021 6:54

Tot Ion: 83 Resp: 1419336

Ion Ratio Lower Upper

83 100

85 66.4 52.1 78.1



#30

Cyclohexane

Concen: 8.721 ppbv

RT: 7.12 min Scan# 1348

Delta R.T. -0.01 min

Lab File: VL038030.D

Acq: 16 Nov 2021 6:54

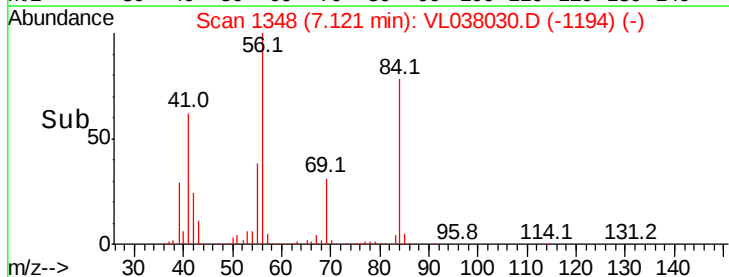
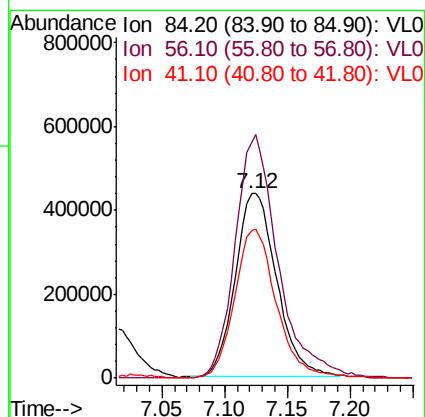
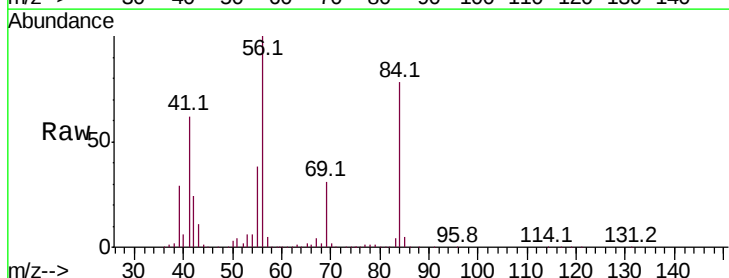
Tgt Ion: 84 Resp: 1002743

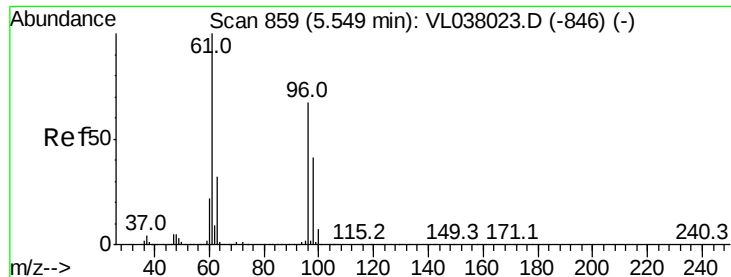
Ion Ratio Lower Upper

84 100

56 138.9 109.4 164.2

41 82.6 65.8 98.6





#31

cis-1,2-Dichloroethene

Concen: 9.736 ppbv

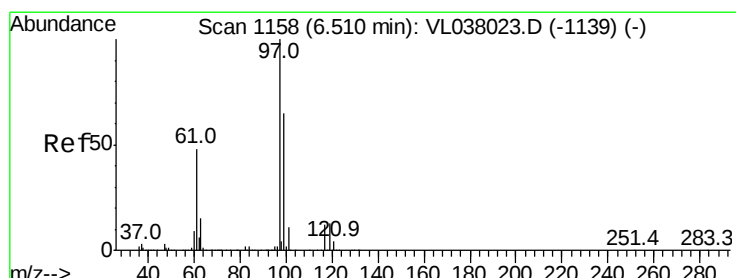
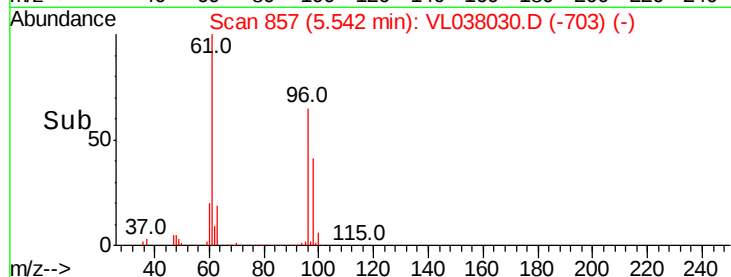
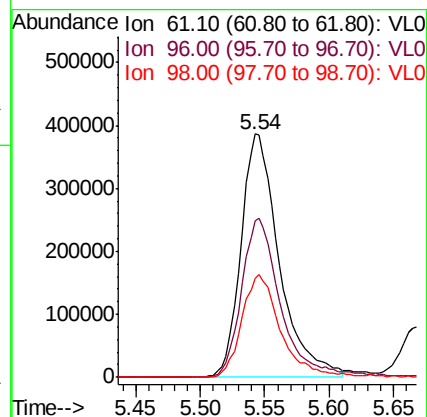
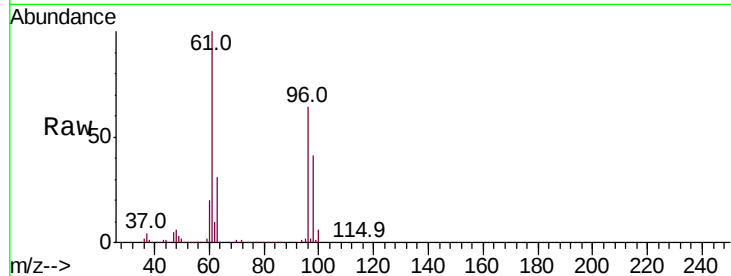
RT: 5.54

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 16 Nov 2021 8:54

Tot Ion	Ratio	Lower	Upper
61	100		
96	64.0	53.9	80.9
98	40.7	32.8	49.2



#32

1,1,1-Trichloroethane

Concen: 8.799 ppbv

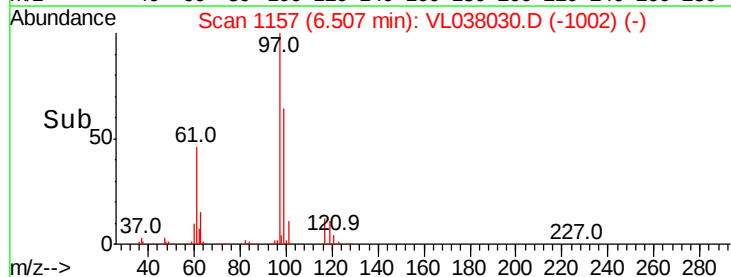
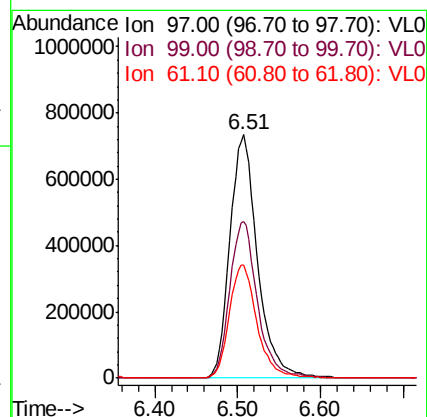
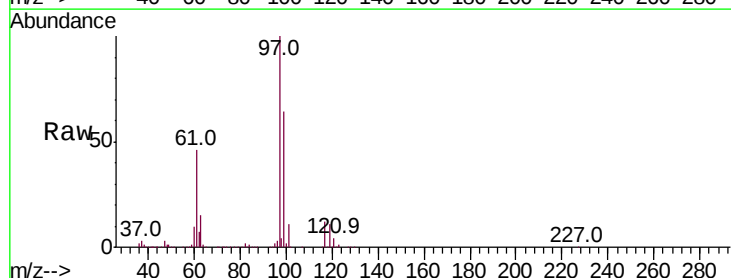
RT: 6.51 min Scan# 1157

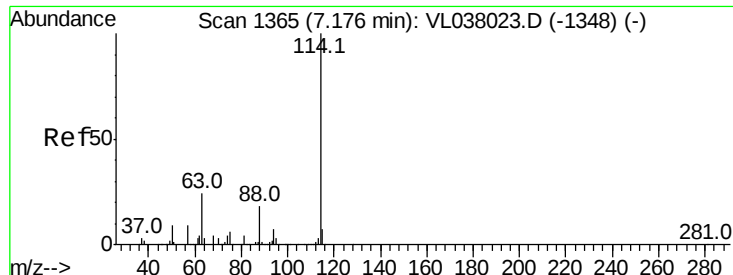
Delta R.T. -0.00 min

Lab File: VL038030.D

Acq: 16 Nov 2021 6:54

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.9	77.9
61	46.6	37.9	56.9





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.17 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 16 Nov 2021 6:54

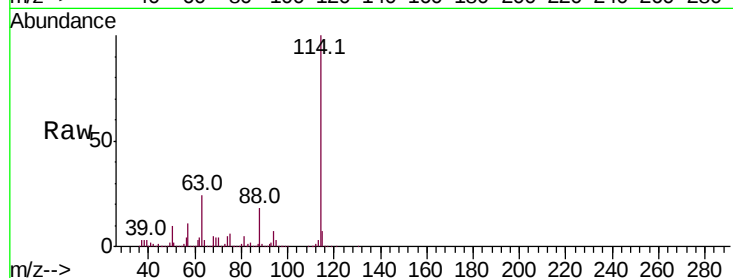
Tot Ion:114 Resp: 2901742

Ion Ratio Lower Upper

114 100

63 24.4 19.8 29.6

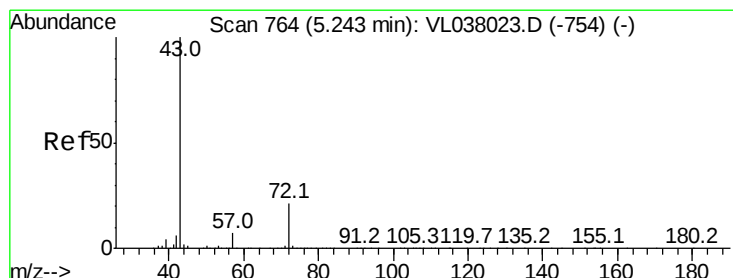
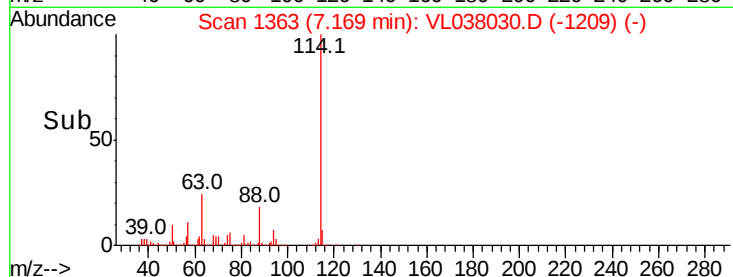
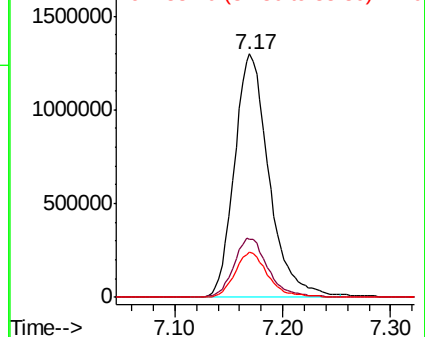
88 18.0 14.6 21.8



Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0



#34

2-Butanone

Concen: 8.092 ppbv

RT: 5.24 min Scan# 763

Delta R.T. -0.00 min

Lab File: VL038030.D

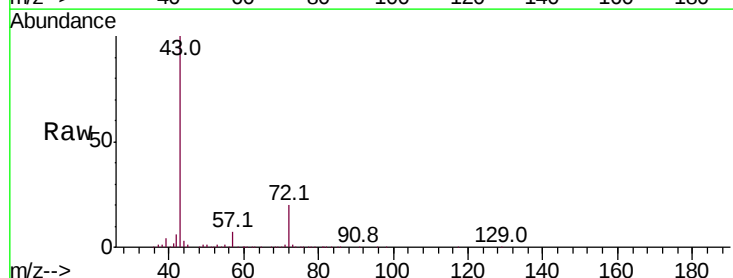
Acq: 16 Nov 2021 6:54

Tgt Ion: 43 Resp: 821283

Ion Ratio Lower Upper

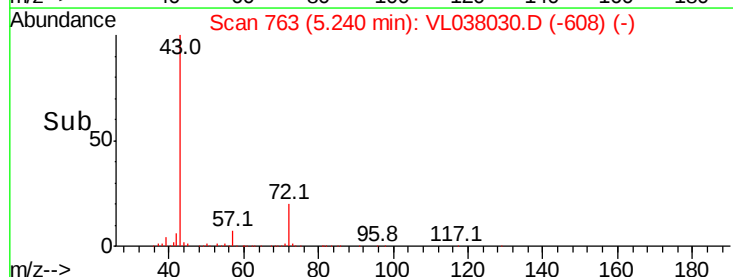
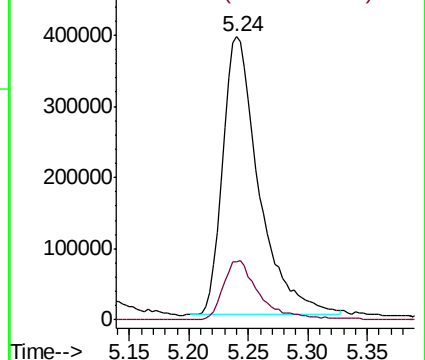
43 100

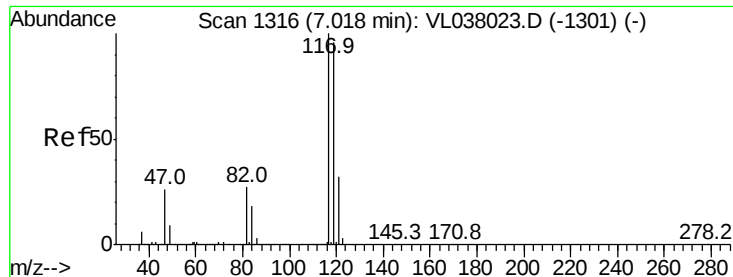
72 22.0 18.2 27.4



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 72.10 (71.80 to 72.80): VL0





#35

Carbon Tetrachloride

Concen: 8.568 ppbv

RT: 7.01 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 16 Nov 2021 6:54

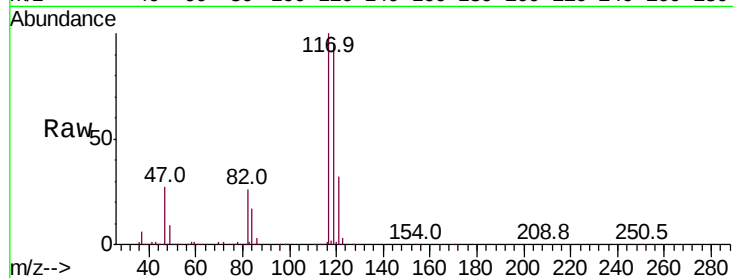
Tot Ion:117 Resp: 1718424

Ion Ratio Lower Upper

117 100

119 95.2 76.5 114.7

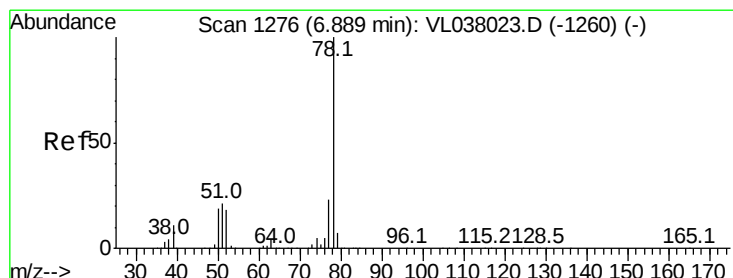
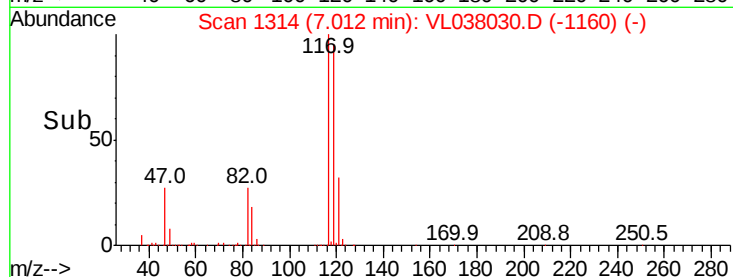
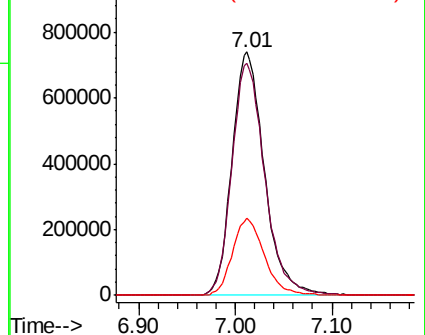
121 31.8 25.3 37.9



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#36

Benzene

Concen: 8.731 ppbv

RT: 6.89 min Scan# 1275

Delta R.T. -0.00 min

Lab File: VL038030.D

Acq: 16 Nov 2021 6:54

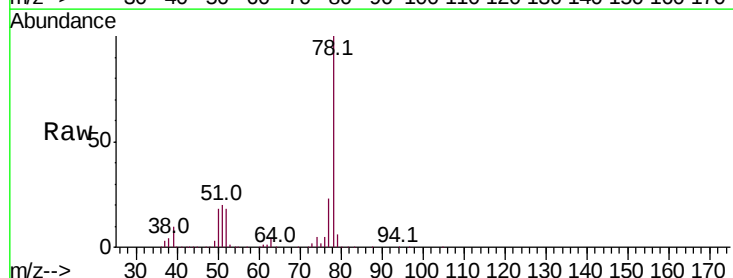
Tgt Ion: 78 Resp: 2439769

Ion Ratio Lower Upper

78 100

77 23.2 18.8 28.2

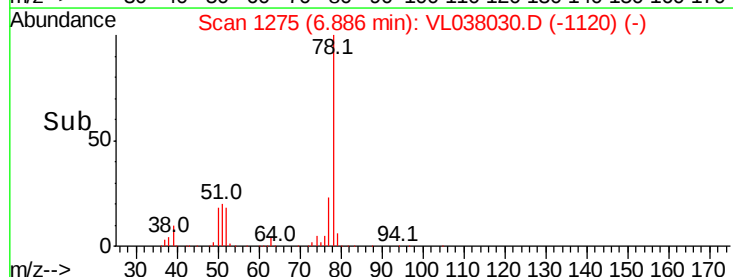
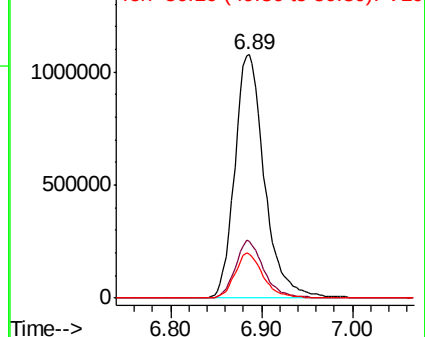
50 18.1 14.9 22.3

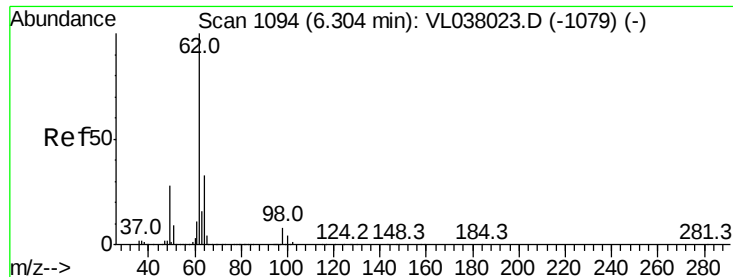


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0





#37

1,2-Dichloroethane

Concen: 9.059 ppbv

RT: 6.30

Instrument: MSVOA_1

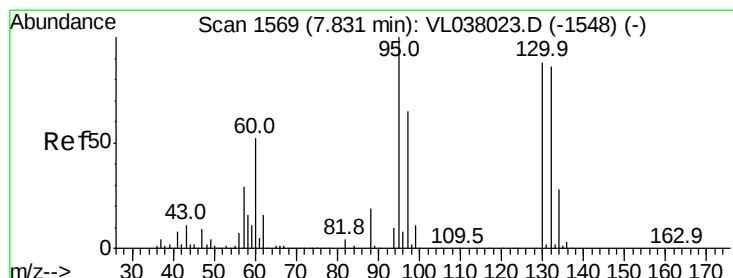
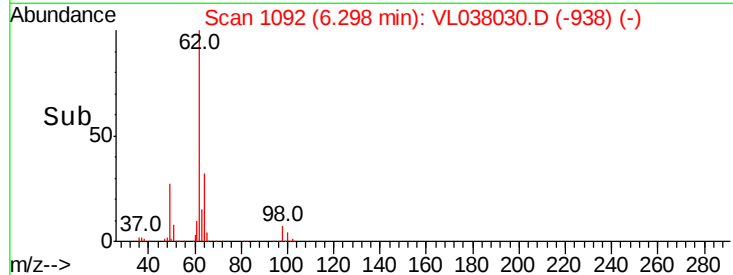
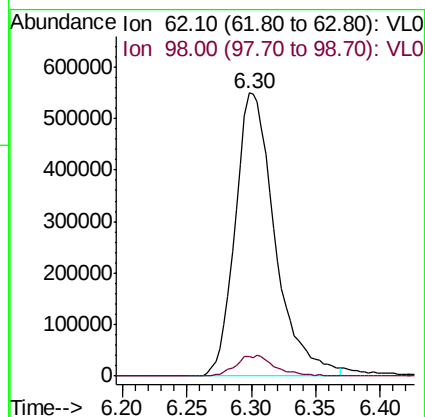
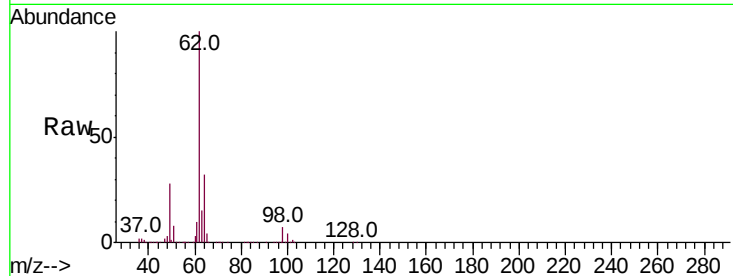
Delta R.T.

Lab File: ClientSampleId:

Acq: 16 Nov 2021 6:54

Tot Ion: 62 Resp: 1178527

Ion	Ratio	Lower	Upper
62	100		
98	7.3	5.9	8.9



#38

Trichloroethene

Concen: 7.928 ppbv

RT: 7.83 min Scan# 1568

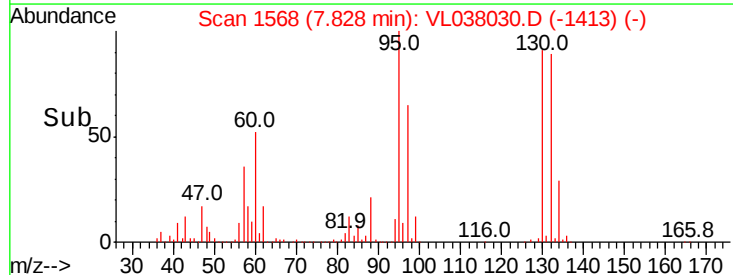
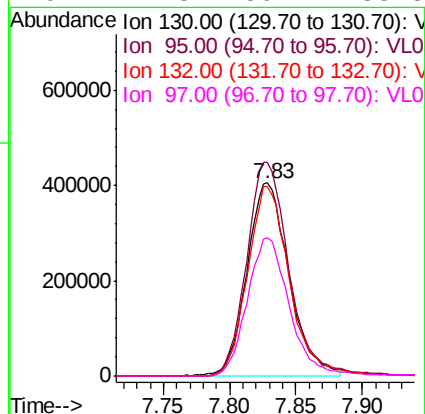
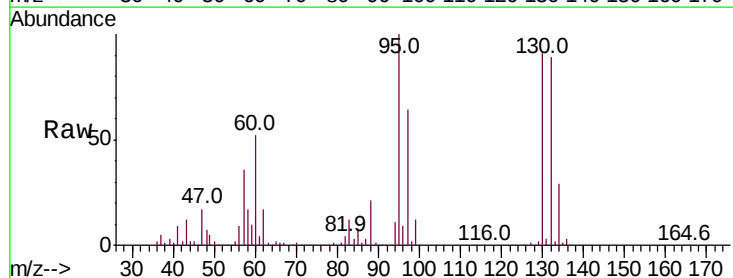
Delta R.T. -0.00 min

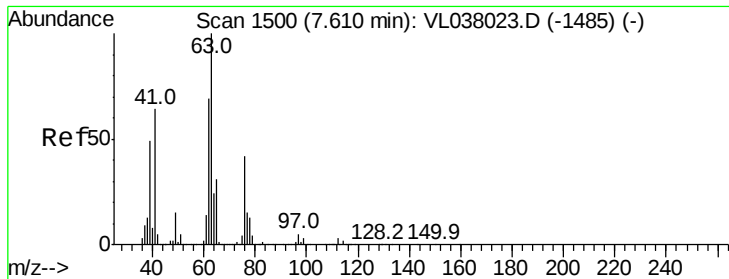
Lab File: VL038030.D

Acq: 16 Nov 2021 6:54

Tgt Ion: 130 Resp: 889066

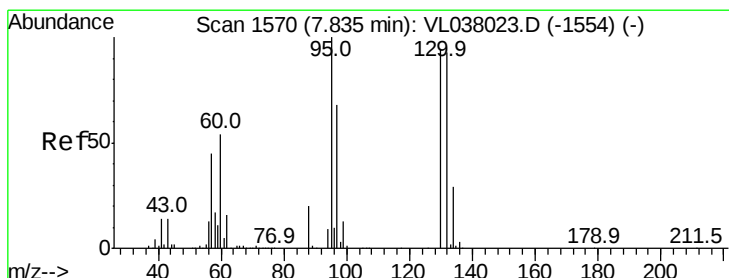
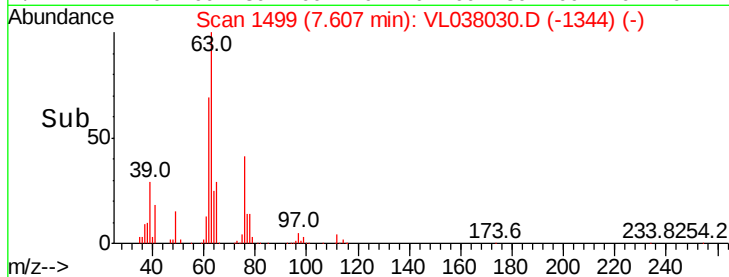
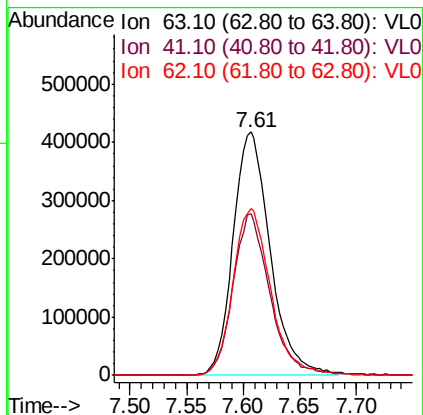
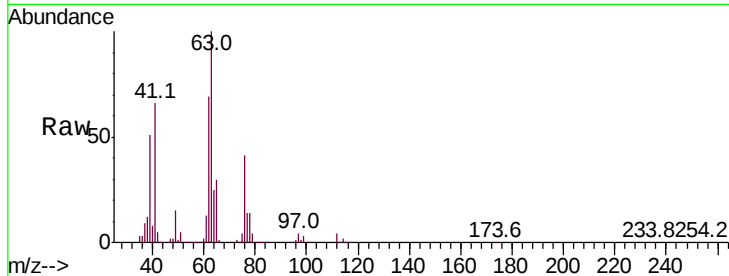
Ion	Ratio	Lower	Upper
130	100		
95	110.9	90.5	135.7
132	98.2	77.4	116.0
97	71.5	59.2	88.8





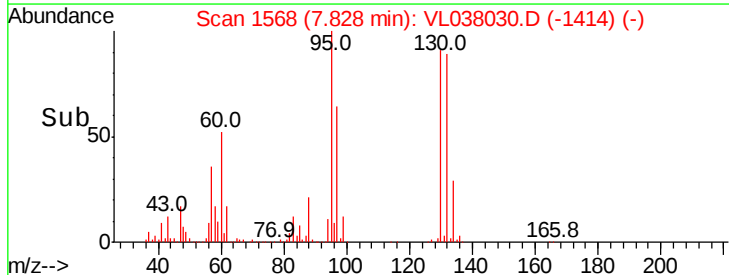
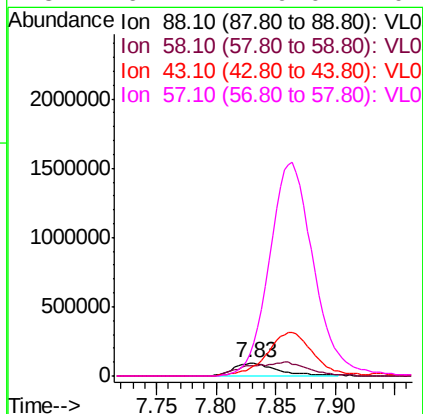
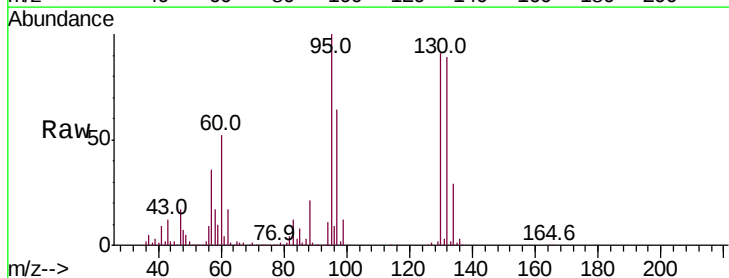
#39
 1,2-Dichloropropane
 Concen: 8.438 ppbv
 RT: 7.61 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 16 Nov 2021 6:54

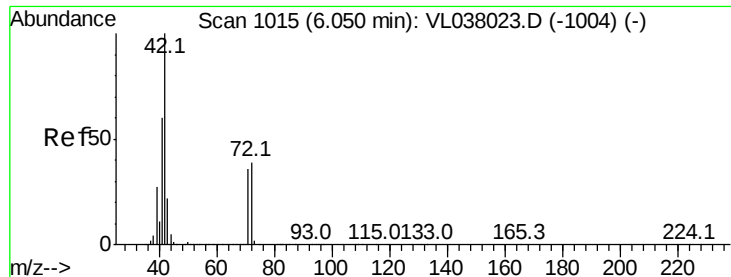
Tot Ion	Ratio	Lower	Upper
63	100		
41	66.1	51.1	76.7
62	68.7	55.2	82.8



#40
 1,4-Dioxane
 Concen: 8.237 ppbv
 RT: 7.83 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: VL038030.D
 Acq: 16 Nov 2021 6:54

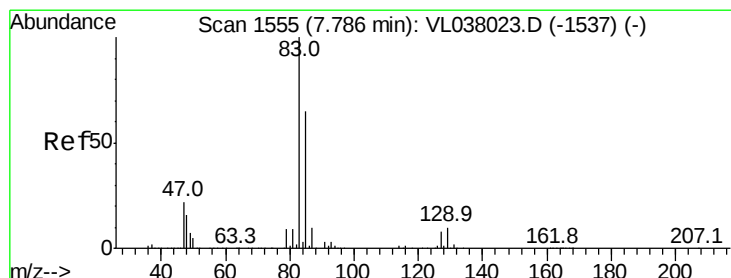
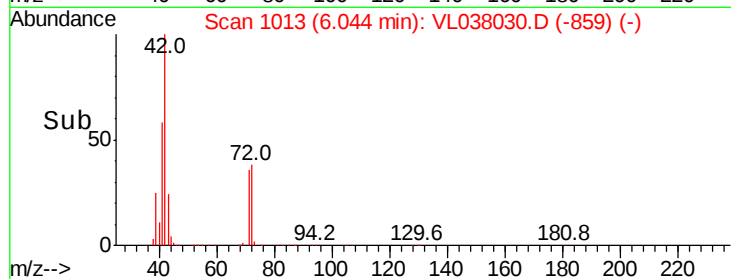
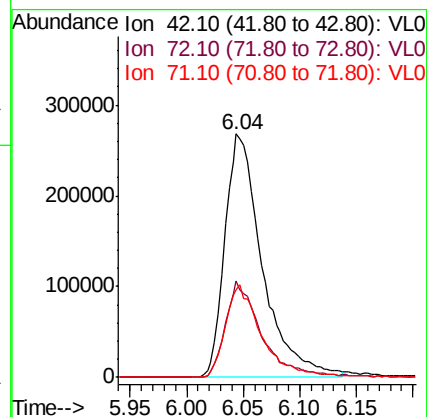
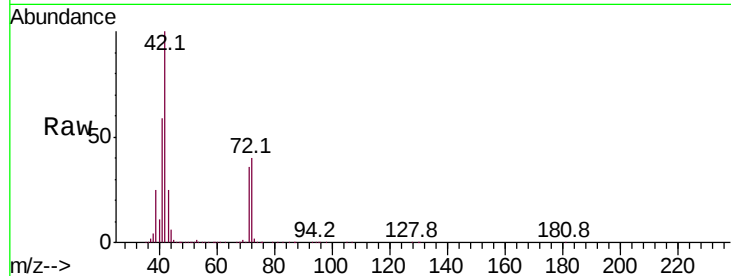
Tgt Ion	Ratio	Lower	Upper
88	100		
58	153.1	0.0	0.0#
43	367.6	0.0	0.0#
57	1672.7	0.0	0.0#





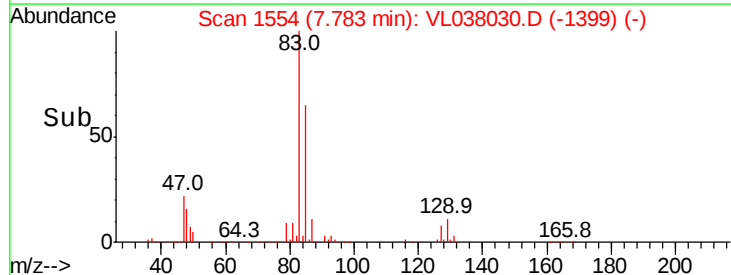
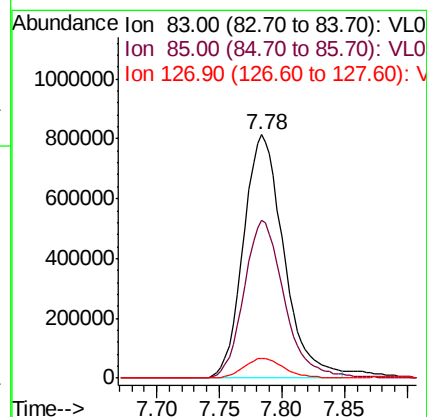
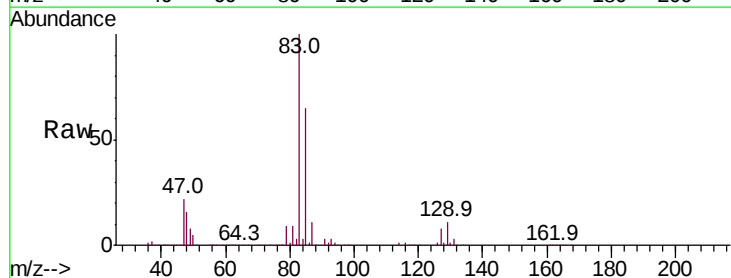
#41
Tetrahydrofuran
Concen: 8.432 ppbv
RT: 6.04
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 16 Nov 2021 6:54

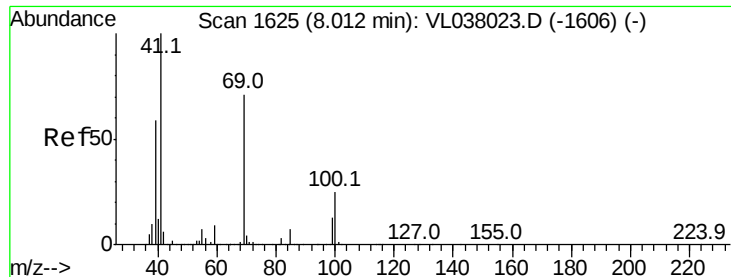
Tot Ion	Ratio	Lower	Upper
42	100		
72	38.6	31.3	46.9
71	37.0	29.7	44.5



#42
Bromodichloromethane
Concen: 8.876 ppbv
RT: 7.78 min Scan# 1554
Delta R.T.: -0.00 min
Lab File: VL038030.D
Acq: 16 Nov 2021 6:54

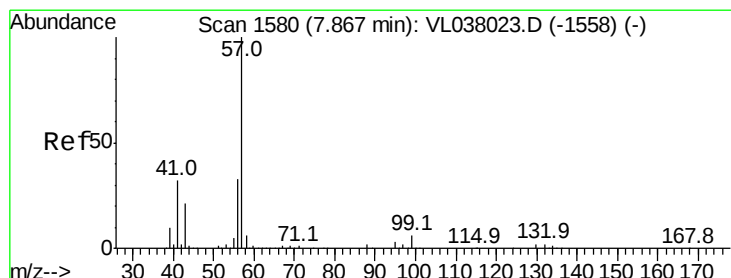
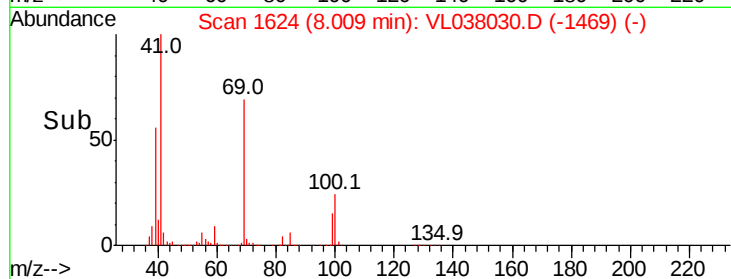
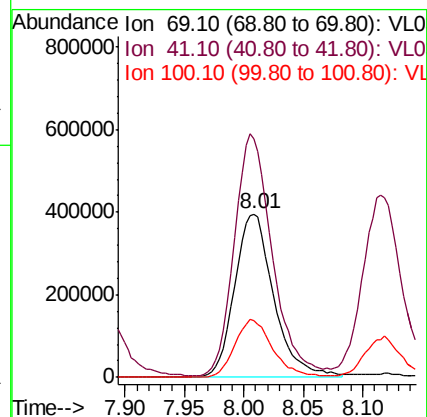
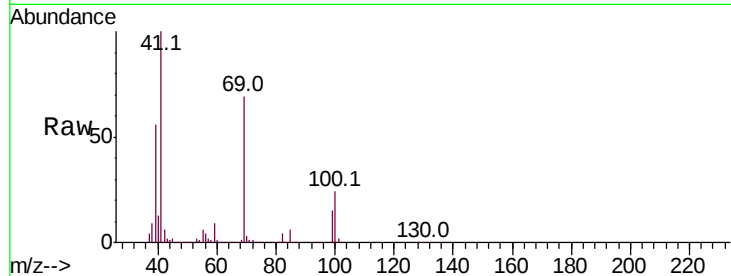
Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.6	77.4
127	8.1	6.6	10.0





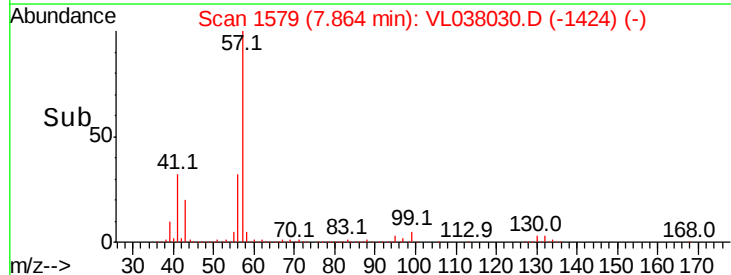
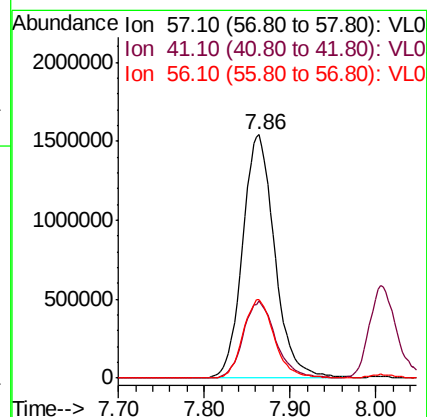
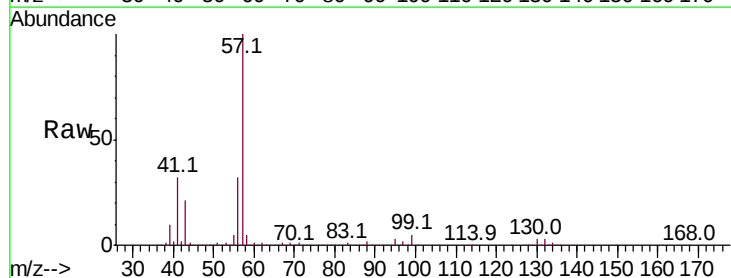
#43
Methyl Methacrylate
Concen: 9.104 ppbv
RT: 8.01
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 16 Nov 2021 8:54

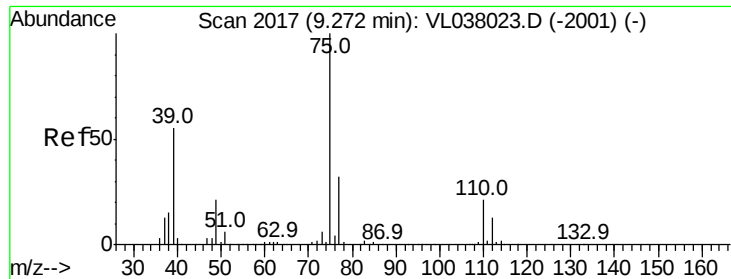
Tot Ion	Ratio	Lower	Upper
69	100		
41	145.5	116.1	174.1
100	34.5	27.1	40.7



#44
2,2,4-Trimethylpentane
Concen: 8.247 ppbv
RT: 7.86 min Scan# 1579
Delta R.T.: -0.00 min
Lab File: VL038030.D
Acq: 16 Nov 2021 6:54

Tgt Ion	Ratio	Lower	Upper
57	100		
41	31.8	26.3	39.5
56	31.5	25.6	38.4





#45

t-1,3-Dichloropropene

Concen: 10.315 ppbv

RT: 9.27 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

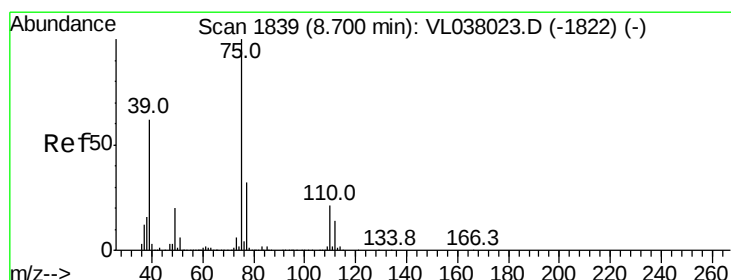
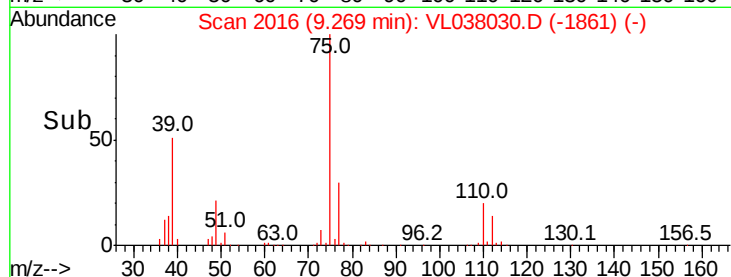
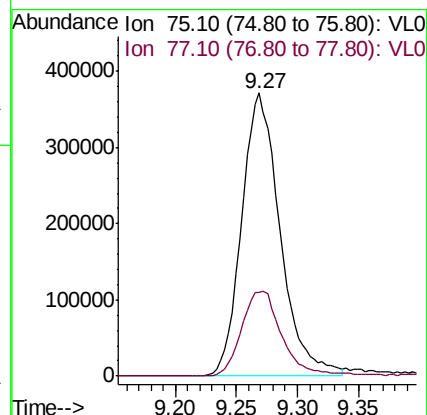
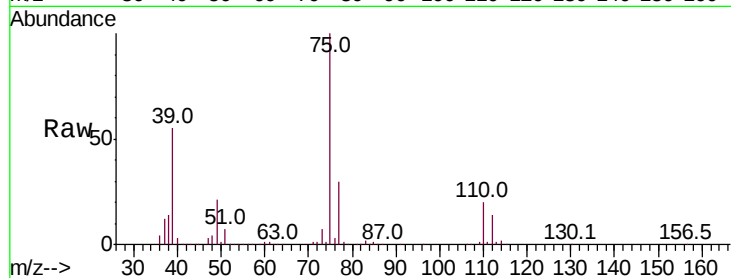
Acq: 16 Nov 2021 8:54

Tot Ion: 75 Resp: 810334

Ion Ratio Lower Upper

75 100

77 29.7 25.6 38.4



#46

cis-1,3-Dichloropropene

Concen: 9.703 ppbv

RT: 8.70 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VL038030.D

Acq: 16 Nov 2021 6:54

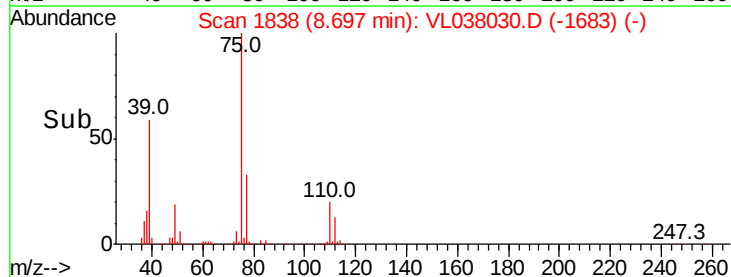
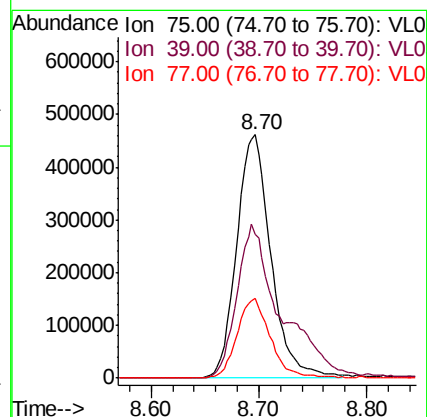
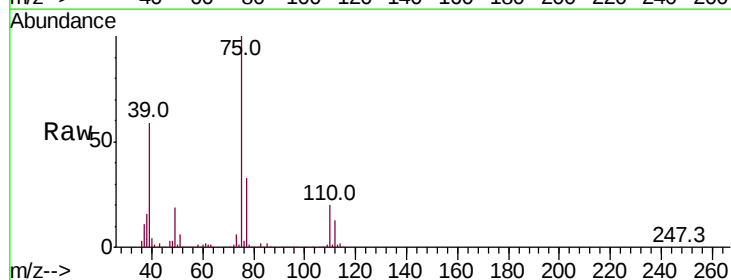
Tgt Ion: 75 Resp: 1019911

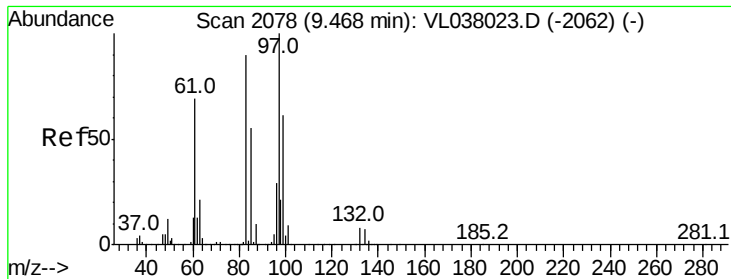
Ion Ratio Lower Upper

75 100

39 59.2 49.2 73.8

77 32.8 25.3 37.9





#47

1,1,2-Trichloroethane

Concen: 8.807 ppbv

RT: 9.47 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 16 Nov 2021 6:54

Tot Ion: 97 Resp: 983352

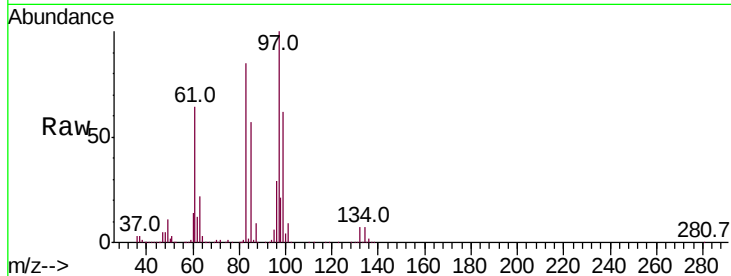
Ion Ratio Lower Upper

97 100

83 85.1 72.2 108.4

85 57.0 43.8 65.8

99 62.2 49.0 73.4

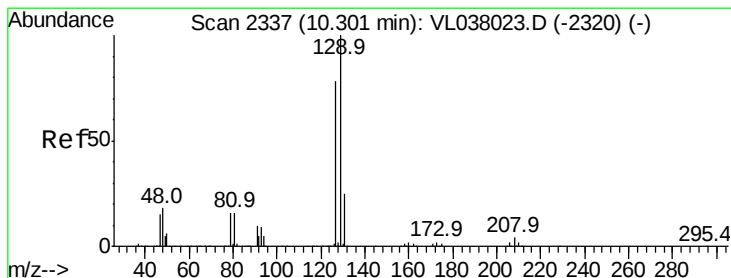
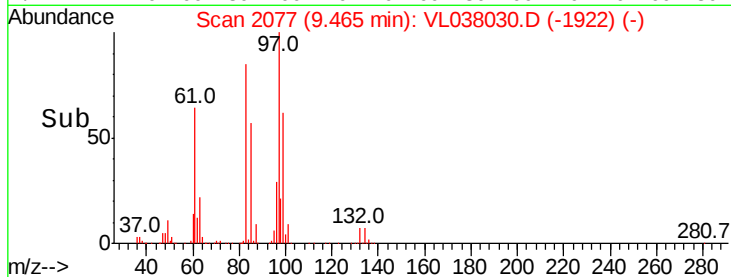
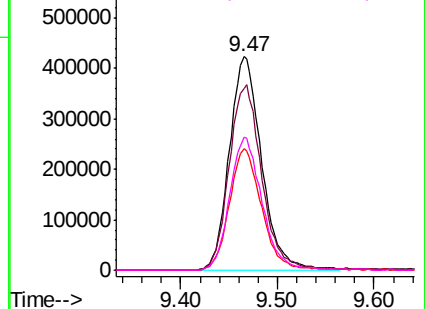


Abundance Ion 97.00 (96.70 to 97.70): VL0

Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

Ion 99.00 (98.70 to 99.70): VL0



#48

Dibromochloromethane

Concen: 9.055 ppbv

RT: 10.29 min Scan# 2335

Delta R.T. -0.01 min

Lab File: VL038030.D

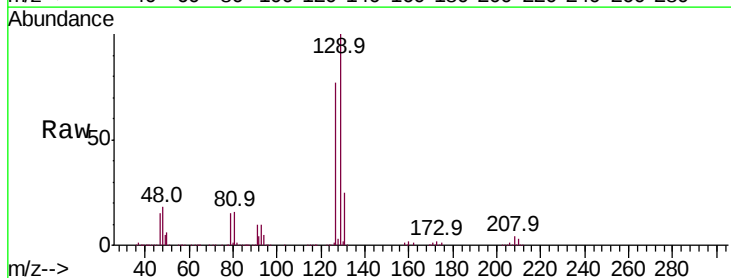
Acq: 16 Nov 2021 6:54

Tgt Ion: 129 Resp: 1612297

Ion Ratio Lower Upper

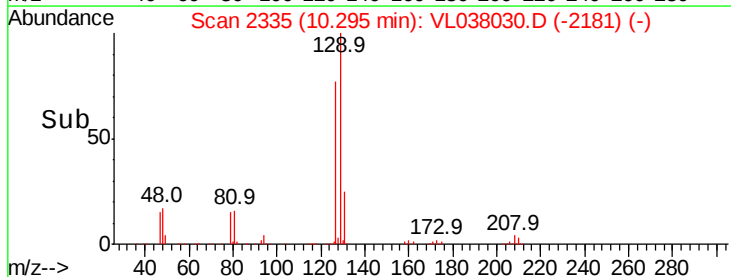
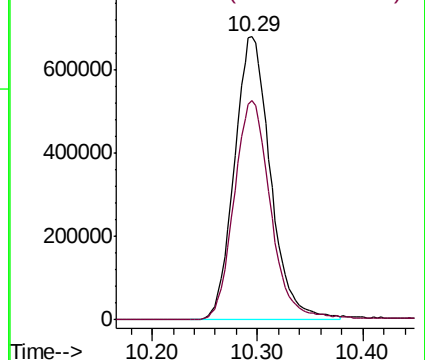
129 100

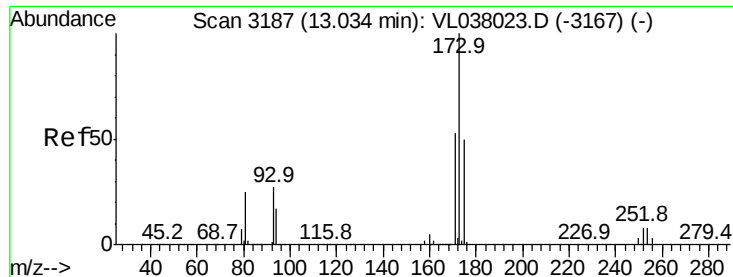
127 79.6 39.8 119.3



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#49

Bromoform

Concen: 9.009 ppbv

RT: 13.03

Delta R.T. MSVOA_L

Lab File:

Acq: 16 Nov 2021 8:54

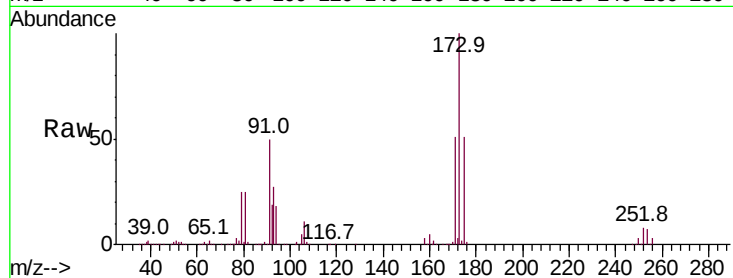
Tot Ion:173 Resp: 1224058

Ion Ratio Lower Upper

173 100

175 51.7 41.5 62.3

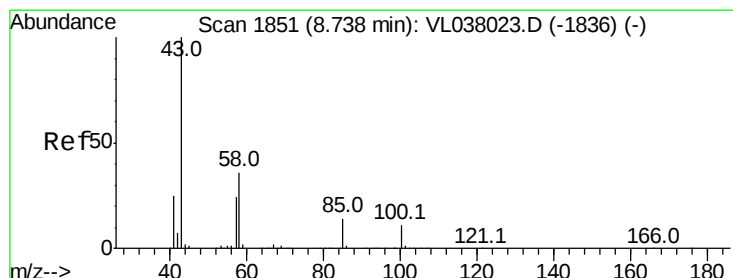
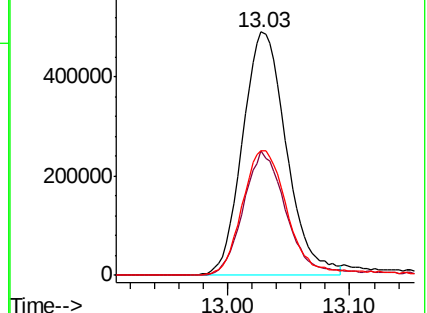
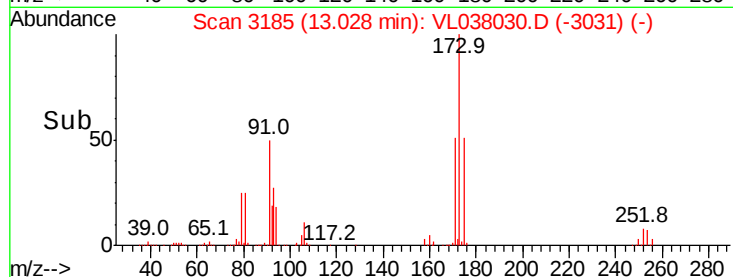
171 53.9 43.7 65.5



Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 170.90 (170.60 to 171.60): V



#50

4-Methyl-2-Pentanone

Concen: 8.829 ppbv

RT: 8.74 min Scan# 1850

Delta R.T. -0.00 min

Lab File: VL038030.D

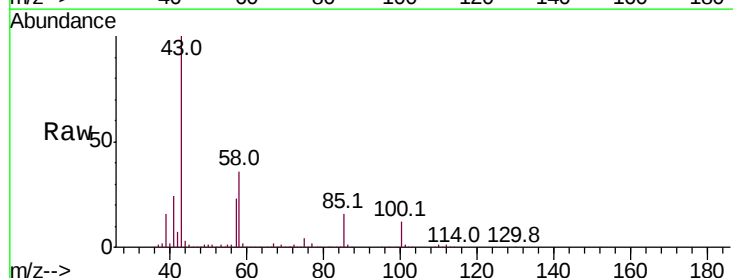
Acq: 16 Nov 2021 6:54

Tgt Ion: 43 Resp: 1571584

Ion Ratio Lower Upper

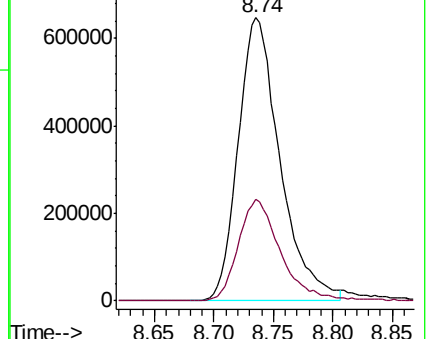
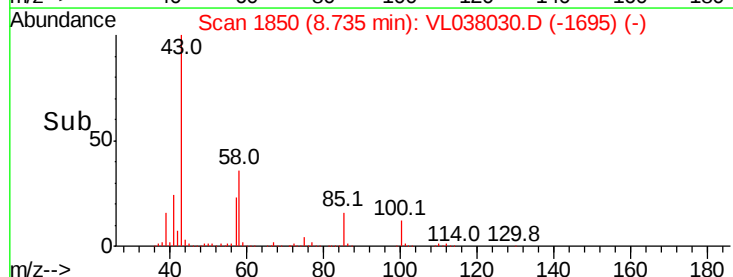
43 100

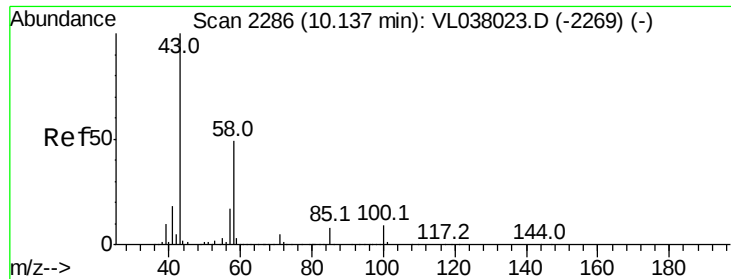
58 36.8 29.8 44.6



Abundance Ion 43.10 (42.80 to 43.80): VL0

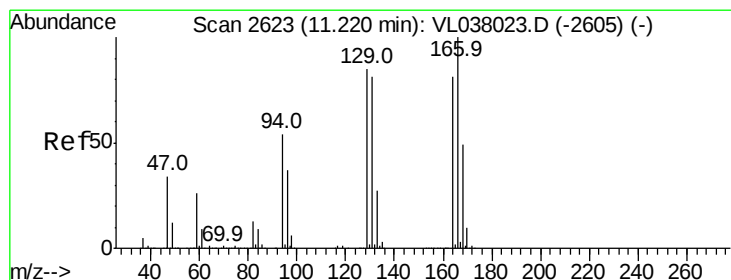
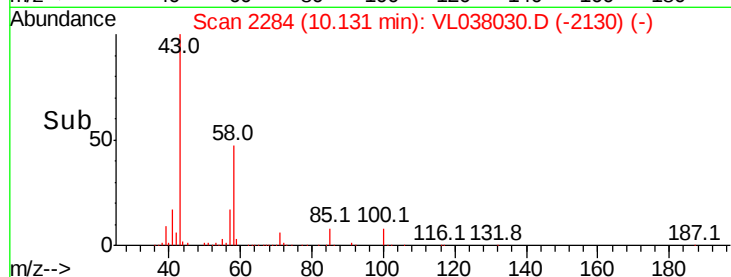
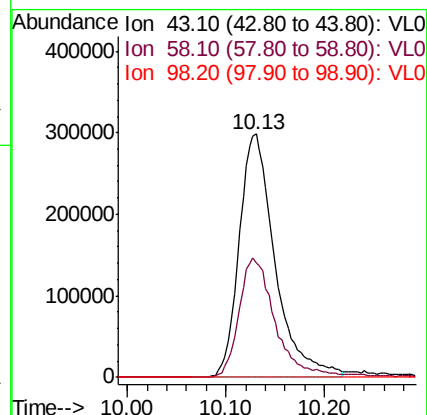
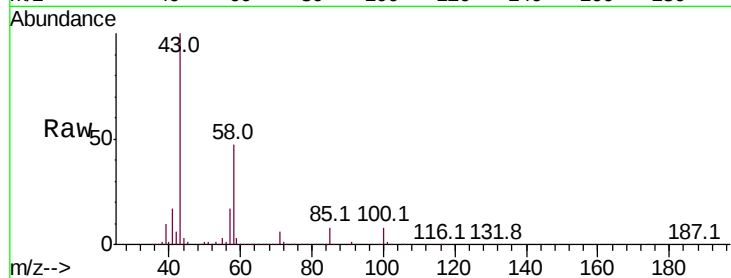
Ion 58.10 (57.80 to 58.80): VL0





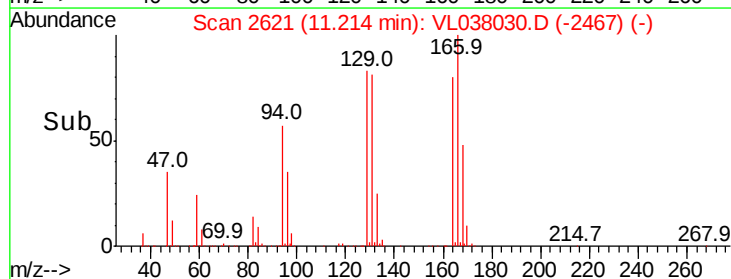
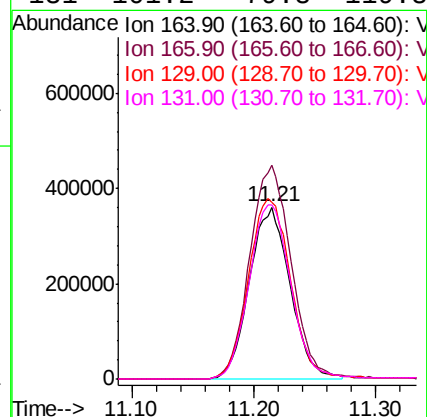
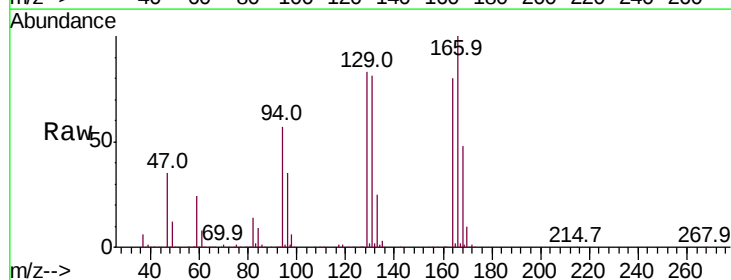
#51
 2-Hexanone
 Concen: 9.145 ppbv
 RT: 10.13 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 16 Nov 2021 8:54

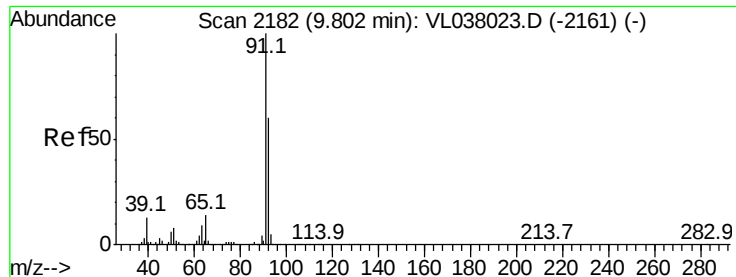
Tot Ion	Ratio	Lower	Upper
43	100		
58	51.2	40.2	60.2
98	0.1	0.1	0.1



#52
 Tetrachloroethene
 Concen: 7.881 ppbv
 RT: 11.21 min Scan# 2621
 Delta R.T. -0.01 min
 Lab File: VL038030.D
 Acq: 16 Nov 2021 6:54

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.2	98.6	148.0
129	102.5	84.1	126.1
131	101.2	79.8	119.8





#53

Toluene

Concen: 8.478 ppbv

RT: 9.80

Delta R.T. MSVOA_L

Lab File:

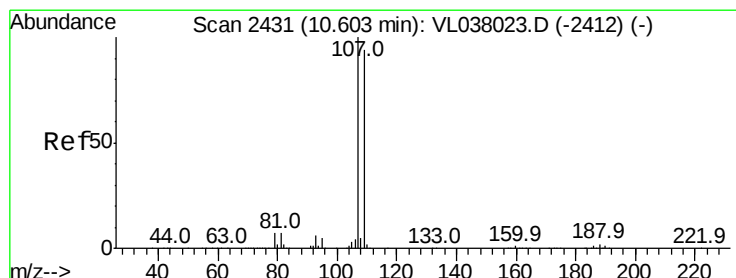
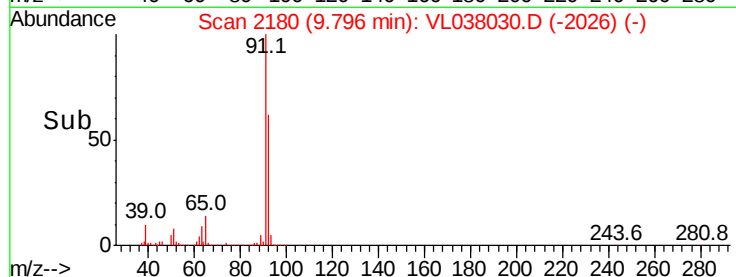
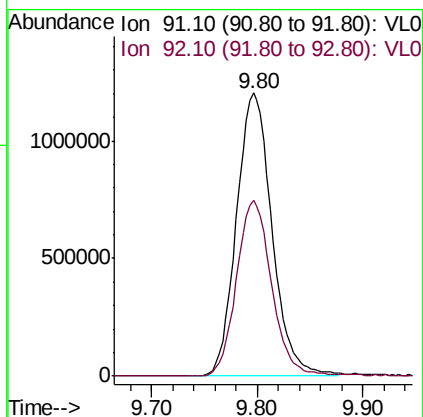
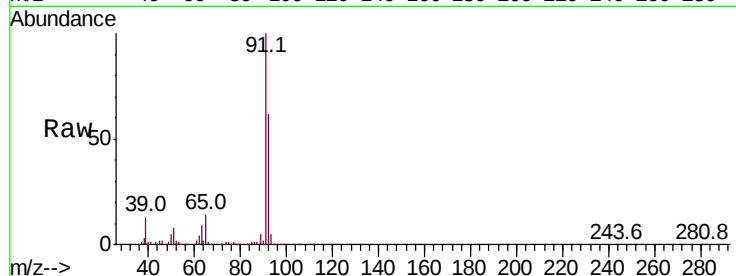
Acq: 16 Nov 2021 6:54

Tot Ion: 91 Resp: 2815209

Ion Ratio Lower Upper

91 100

92 62.4 49.4 74.2



#54

1,2-Dibromoethane

Concen: 9.140 ppbv

RT: 10.60 min Scan# 2430

Delta R.T. -0.00 min

Lab File: VL038030.D

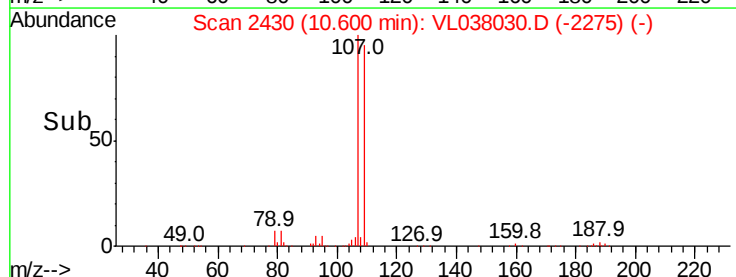
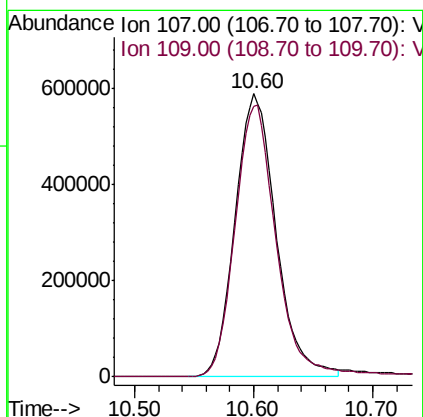
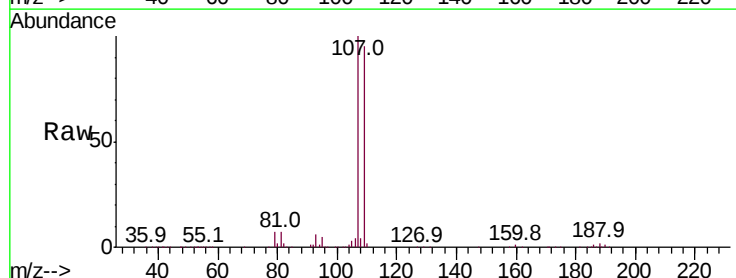
Acq: 16 Nov 2021 6:54

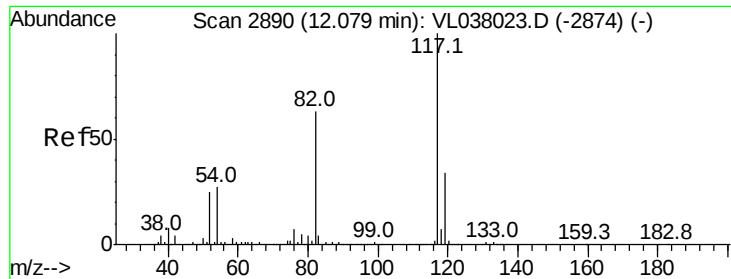
Tgt Ion: 107 Resp: 1403192

Ion Ratio Lower Upper

107 100

109 95.3 75.0 112.6

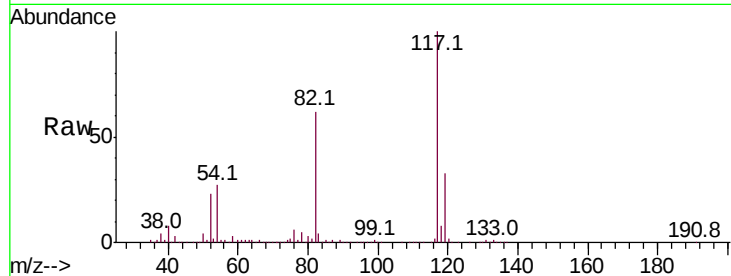




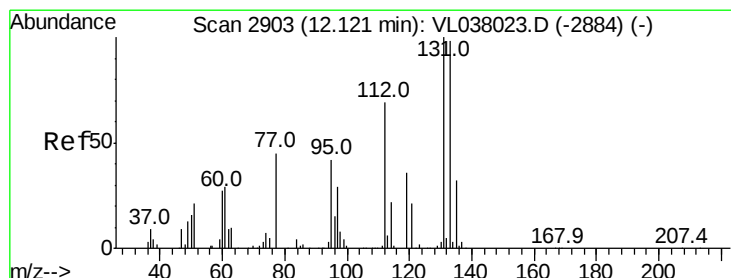
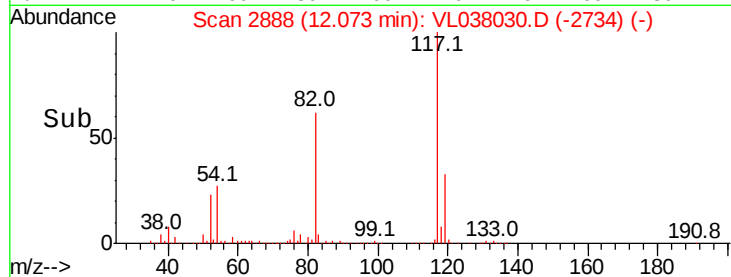
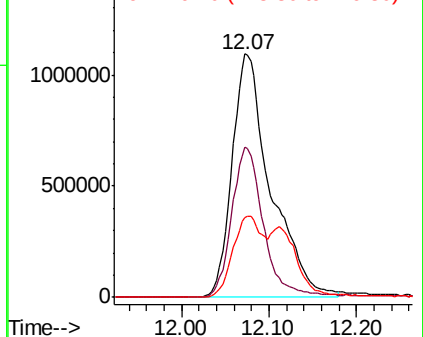
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 16 Nov 2021 8:54

Tot Ion:117 Resp: 3351093

Ion	Ratio	Lower	Upper
117	100		
82	52.2	50.0	75.0
119	26.2	44.9	67.3#



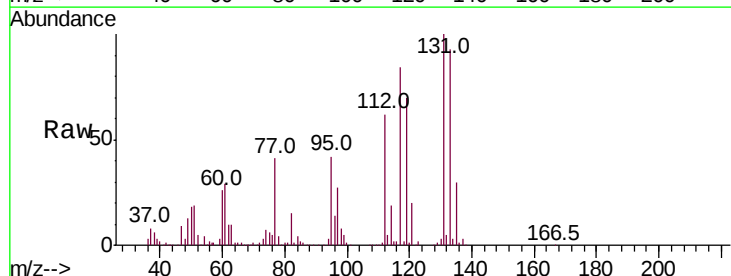
Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



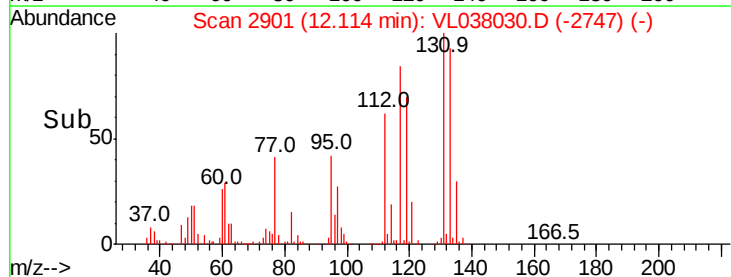
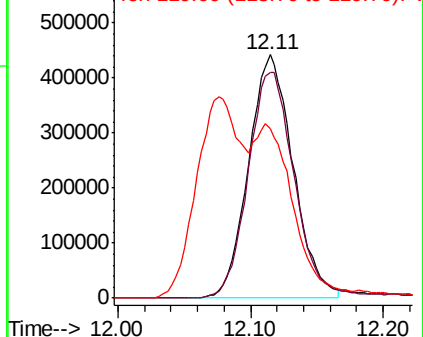
#56
1,1,1,2-Tetrachloroethane
Concen: 6.904 ppbv
RT: 12.11 min Scan# 2901
Delta R.T.: -0.01 min
Lab File: VL038030.D
Acq: 16 Nov 2021 6:54

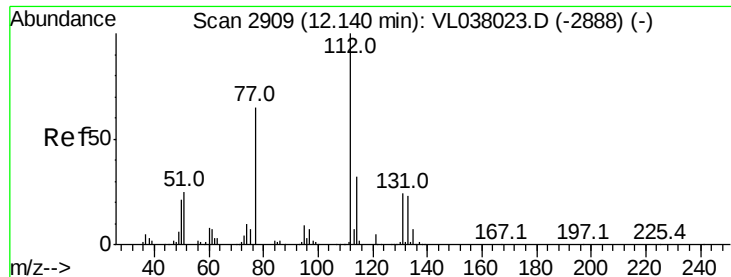
Tgt Ion:131 Resp: 1032111

Ion	Ratio	Lower	Upper
131	100		
133	99.6	77.8	116.8
119	64.7	121.1	181.7#



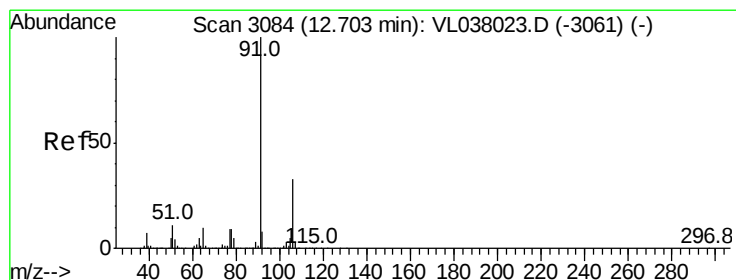
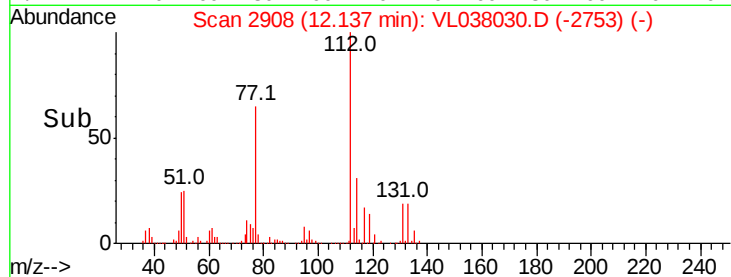
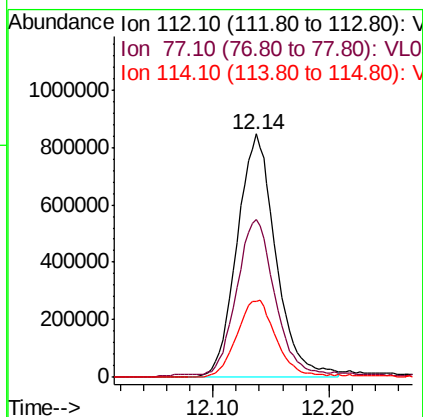
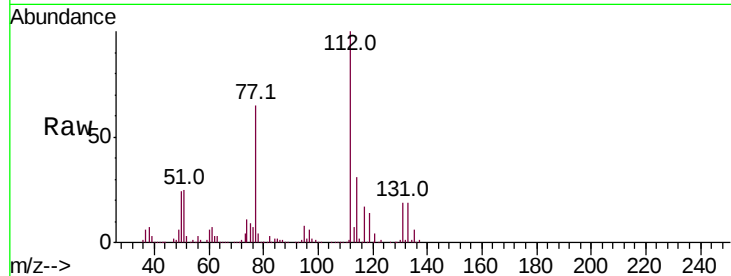
Abundance Ion 131.00 (130.70 to 131.70): V
Ion 133.00 (132.70 to 133.70): V
Ion 119.00 (118.70 to 119.70): V





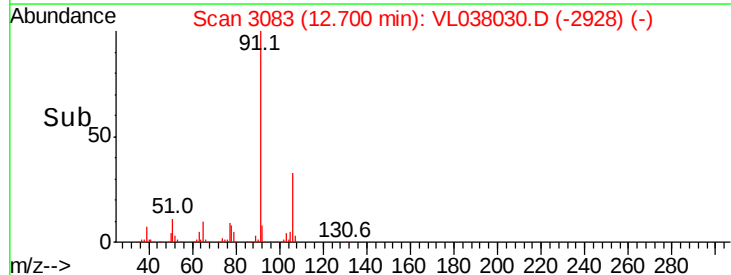
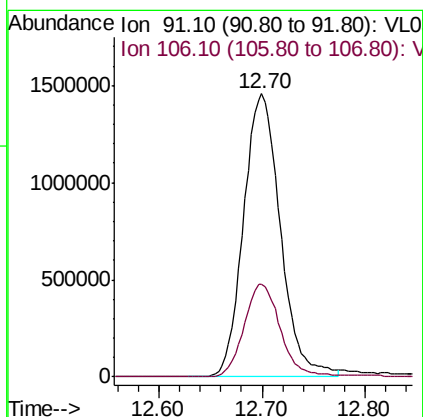
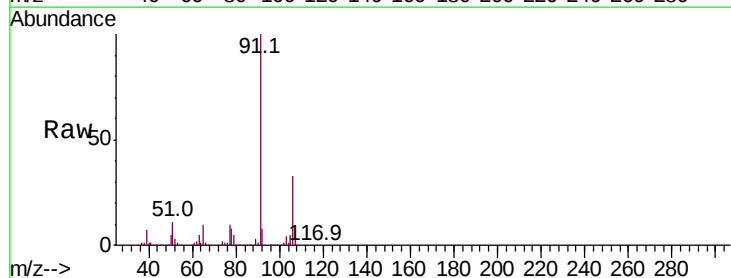
#57
Chlorobenzene
Concen: 6.900 ppbv
RT: 12.14 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 16 Nov 2021 6:54

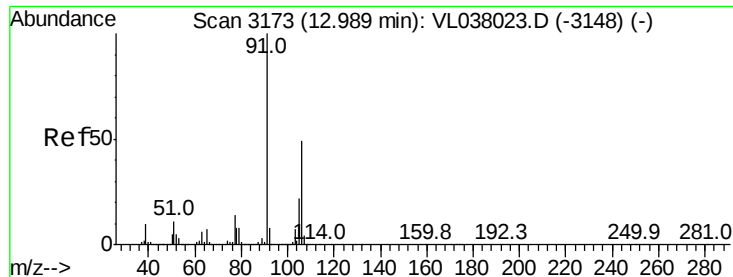
Tot Ion: 112 Resp: 1967884
Ion Ratio Lower Upper
112 100
77 64.0 52.1 78.1
114 31.3 29.1 35.5



#58
Ethyl Benzene
Concen: 6.838 ppbv
RT: 12.70 min Scan# 3083
Delta R.T. -0.00 min
Lab File: VL038030.D
Acq: 16 Nov 2021 6:54

Tgt Ion: 91 Resp: 3617723
Ion Ratio Lower Upper
91 100
106 32.9 26.2 39.2





#59

m/p-Xylene

Concen: 7.305 ppbv

RT: 12.99

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

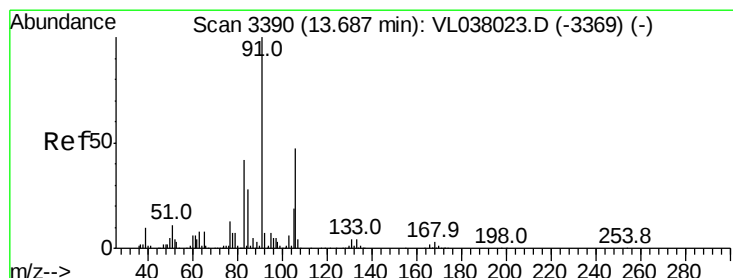
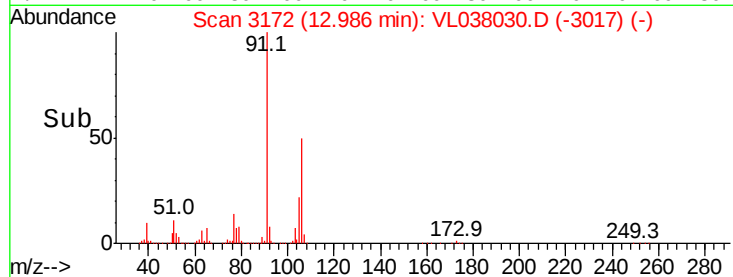
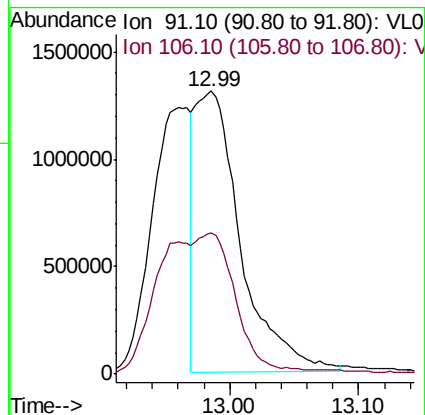
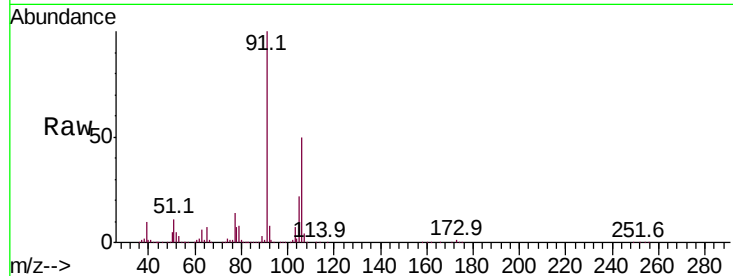
Acq: 16 Nov 2021 8:54

Tot Ion: 91 Resp: 3186843

Ion Ratio Lower Upper

91 100

106 87.9 38.5 57.7#



#60

o-Xylene

Concen: 6.632 ppbv

RT: 13.68 min Scan# 3388

Delta R.T. -0.01 min

Lab File: VL038030.D

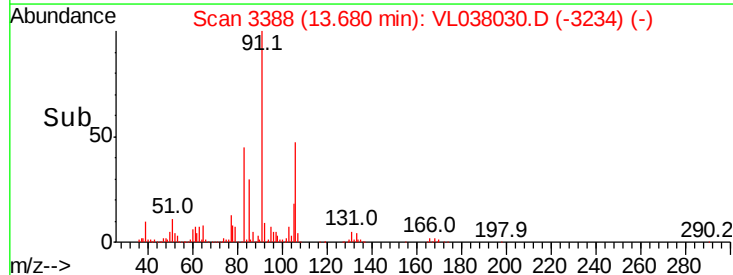
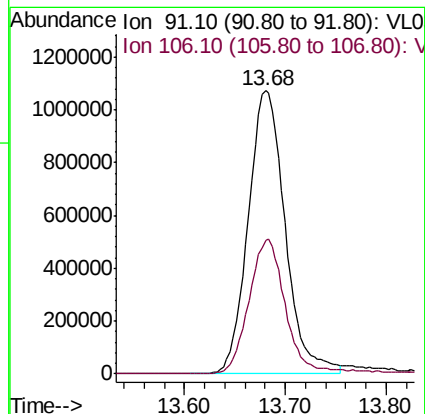
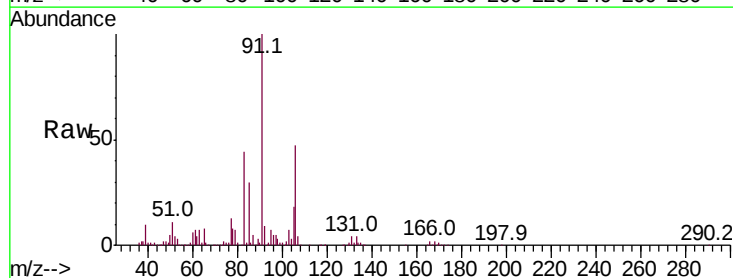
Acq: 16 Nov 2021 6:54

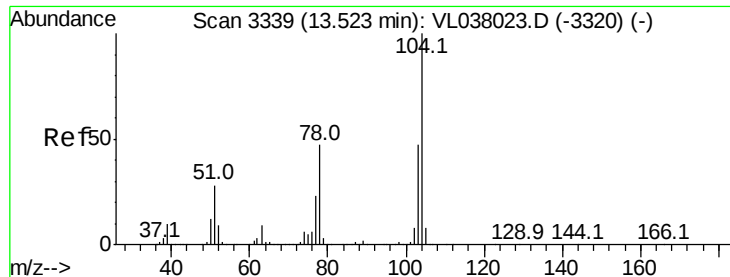
Tgt Ion: 91 Resp: 2723833

Ion Ratio Lower Upper

91 100

106 48.4 24.2 72.6





#61

Stvrene

Concen: 7.310 ppbv

RT: 13.52

Delta R.T. MSVOA_L

Lab File:

Acq: 16 Nov 2021 6:54

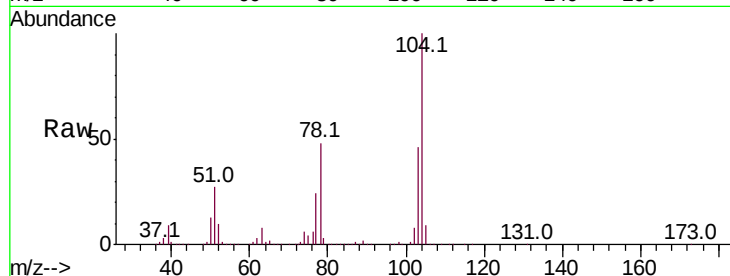
Tot Ion:104 Resp: 1621412

Ion Ratio Lower Upper

104 100

78 49.4 38.7 58.1

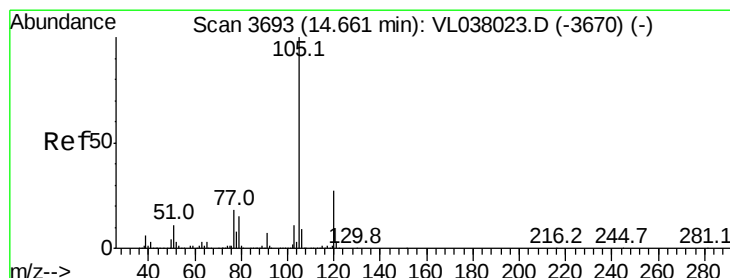
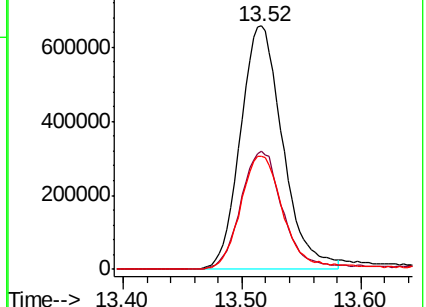
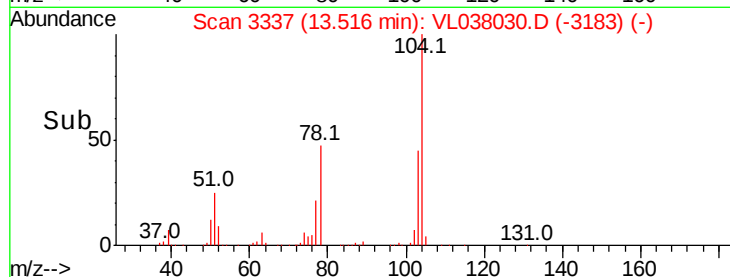
103 48.2 36.8 55.2



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VL0

Ion 103.10 (102.80 to 103.80): V



#62

Isopropylbenzene

Concen: 6.732 ppbv

RT: 14.65 min Scan# 3691

Delta R.T. -0.01 min

Lab File: VL038030.D

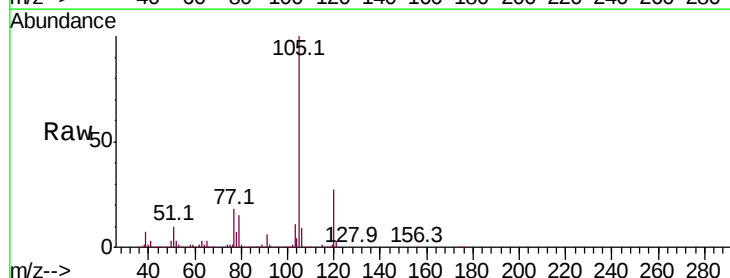
Acq: 16 Nov 2021 6:54

Tgt Ion:105 Resp: 3926281

Ion Ratio Lower Upper

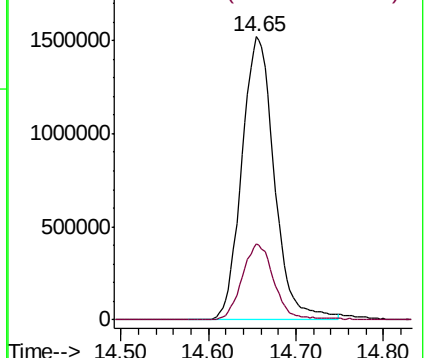
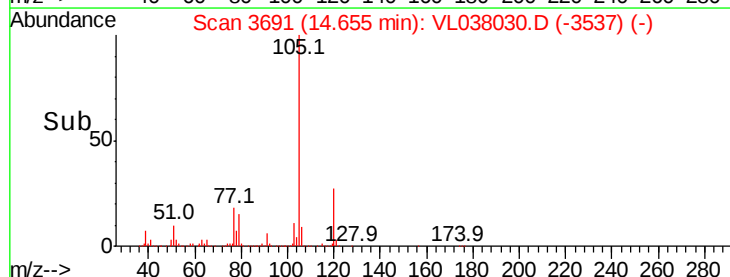
105 100

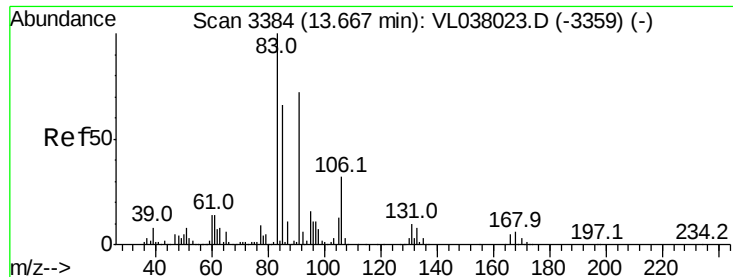
120 26.9 21.7 32.5



Abundance Ion 105.10 (104.80 to 105.80): V

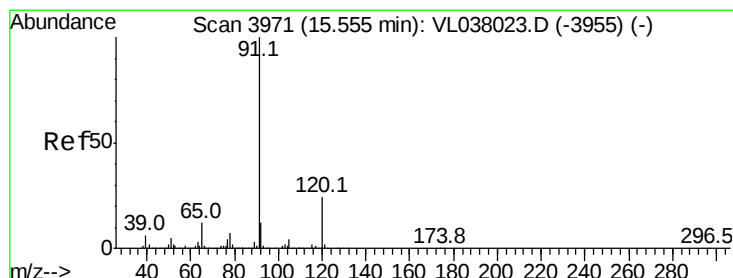
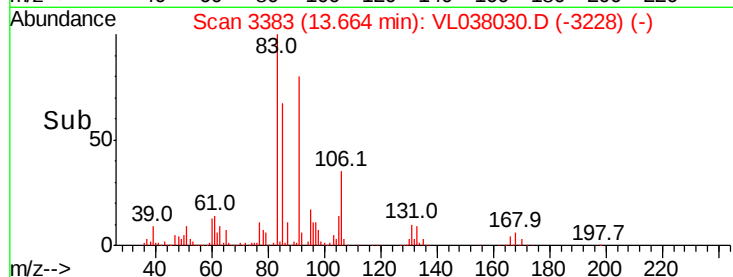
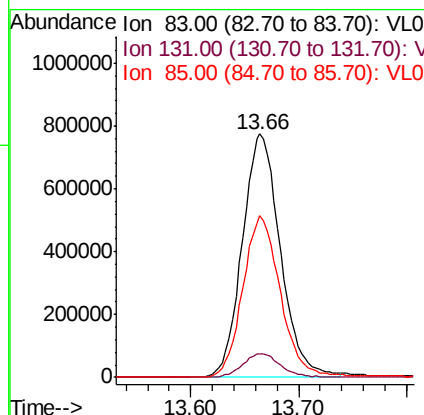
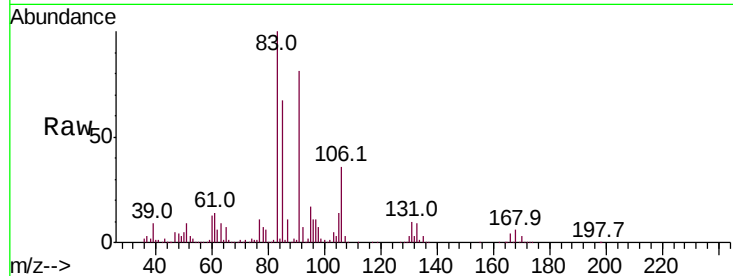
Ion 120.20 (119.90 to 120.90): V





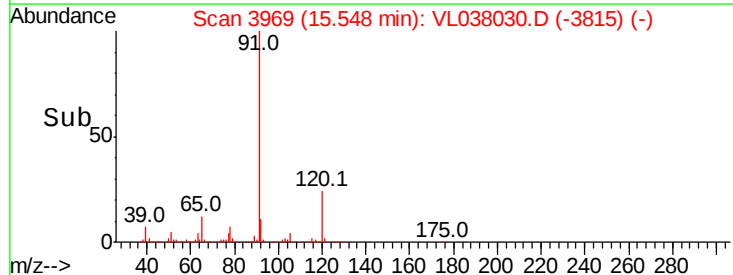
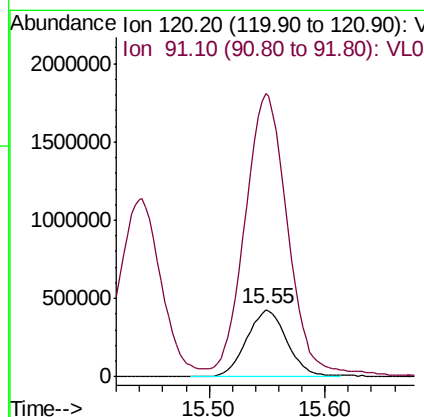
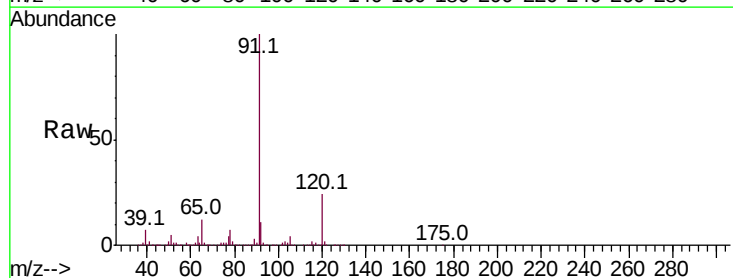
#63
 1,1,2,2-Tetrachloroethane
 Concen: 6.453 ppbv
 RT: 13.66 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 16 Nov 2021 8:54

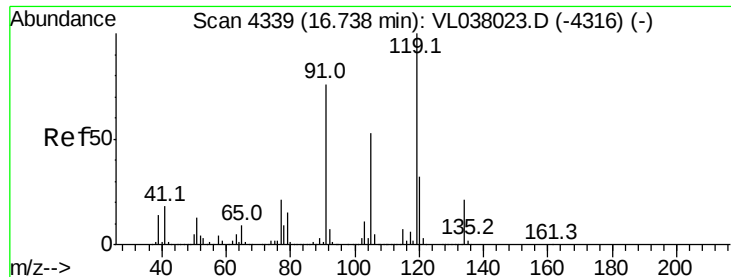
Tot Ion: 83 Resp: 1894058
 Ion Ratio Lower Upper
 83 100
 131 9.8 5.0 14.9
 85 66.8 33.4 100.2



#64
 n-propylbenzene
 Concen: 7.025 ppbv
 RT: 15.55 min Scan# 3969
 Delta R.T. -0.01 min
 Lab File: VL038030.D
 Acq: 16 Nov 2021 6:54

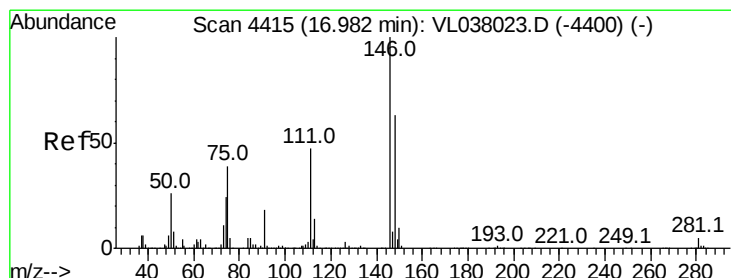
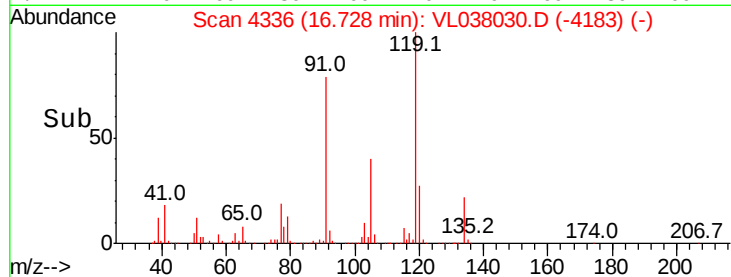
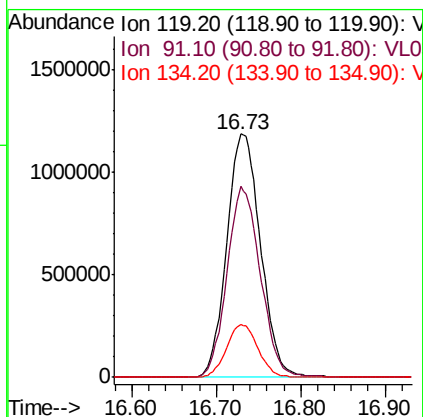
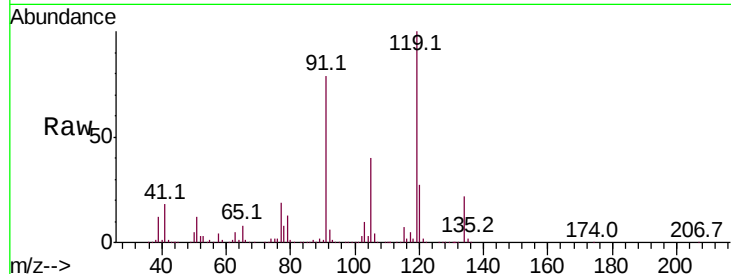
Tgt Ion:120 Resp: 1043470
 Ion Ratio Lower Upper
 120 100
 91 447.8 367.4 551.0





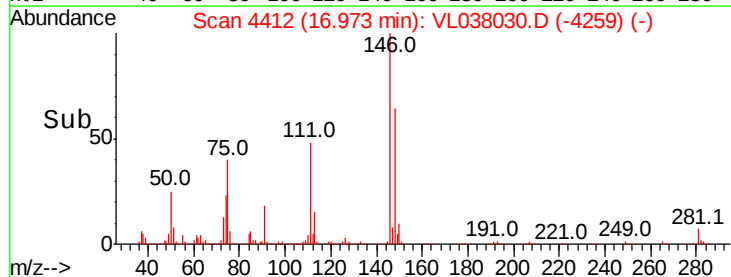
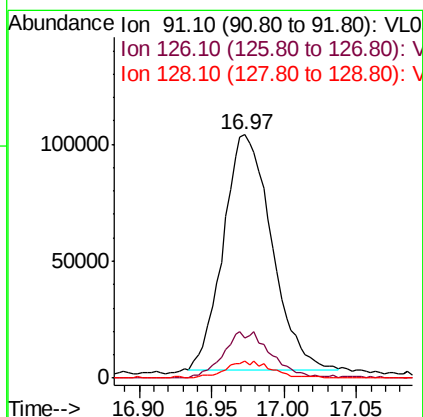
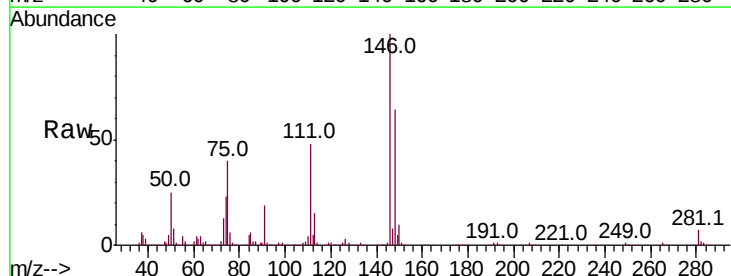
#65
 tert-Butylbenzene
 Concen: 6.373 ppbv
 RT: 16.73 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 16 Nov 2021 6:54

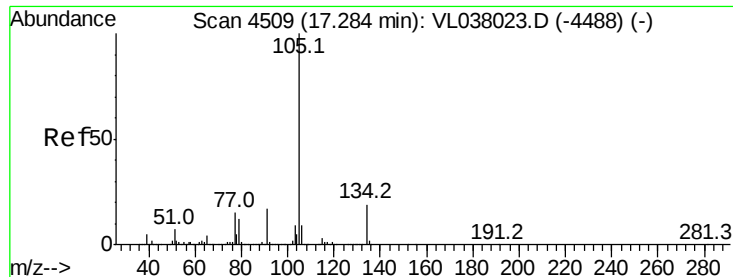
Tot Ion: 119 Resp: 3297777
 Ion Ratio Lower Upper
 119 100
 91 77.6 62.6 93.8
 134 20.4 16.1 24.1



#66
 Benzyl Chloride
 Concen: 6.820 ppbv
 RT: 16.97 min Scan# 4412
 Delta R.T. -0.01 min
 Lab File: VL038030.D
 Acq: 16 Nov 2021 6:54

Tgt Ion: 91 Resp: 235613
 Ion Ratio Lower Upper
 91 100
 126 20.1 16.4 24.6
 128 7.2 5.6 8.4





#67

sec-Butylbenzene

Concen: 6.468 ppbv

RT: 17.28

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

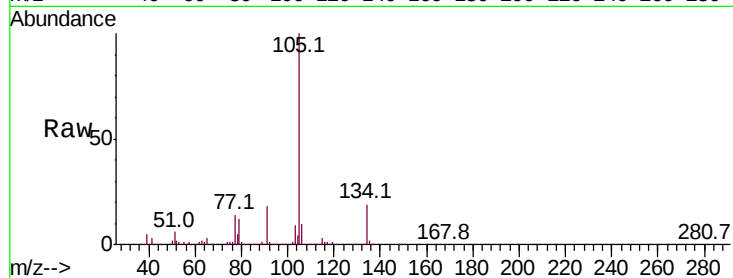
Acq: 16 Nov 2021 6:54

Tot Ion: 105 Resp: 4597351

Ion Ratio Lower Upper

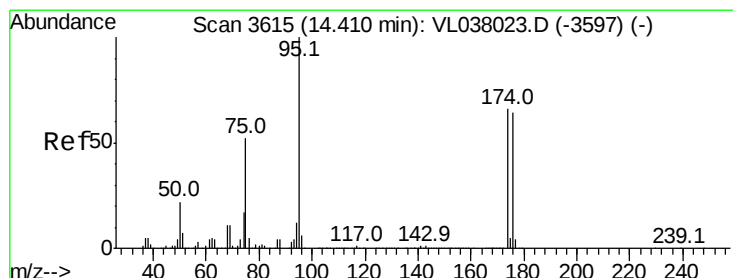
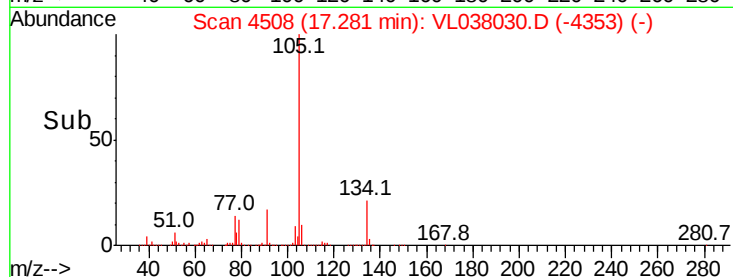
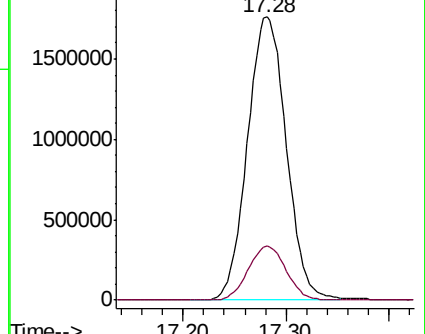
105 100

134 18.8 15.3 22.9



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V



#68

1-Bromo-4-Fluorobenzene

Concen: 8.311 ppbv

RT: 14.40 min Scan# 3612

Delta R.T. -0.01 min

Lab File: VL038030.D

Acq: 16 Nov 2021 6:54

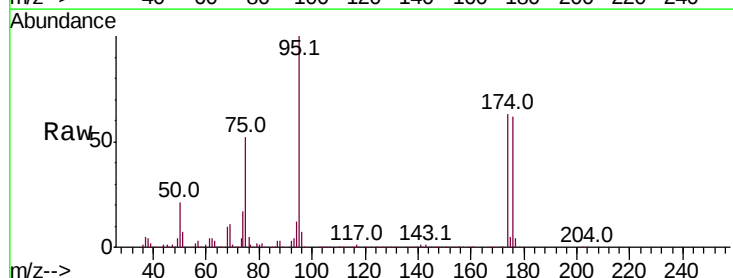
Tgt Ion: 95 Resp: 2012318

Ion Ratio Lower Upper

95 100

174 66.7 54.9 82.3

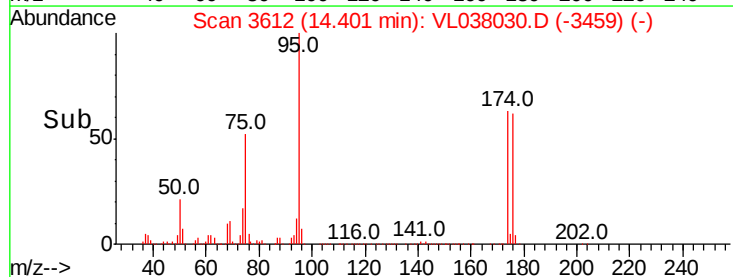
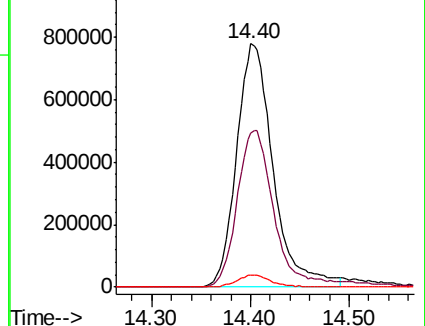
175 5.1 4.0 6.0

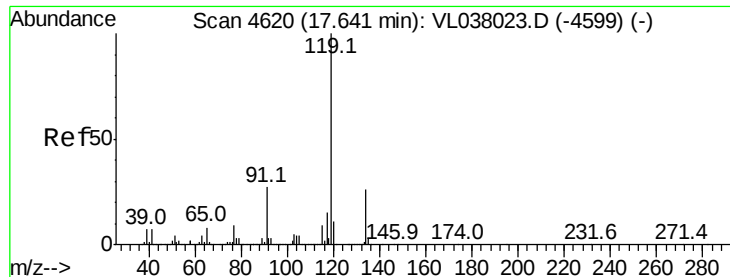


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V





#69

p-Isopropyltoluene

Concen: 6.642 ppbv

RT: 17.64 min

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 16 Nov 2021 8:54

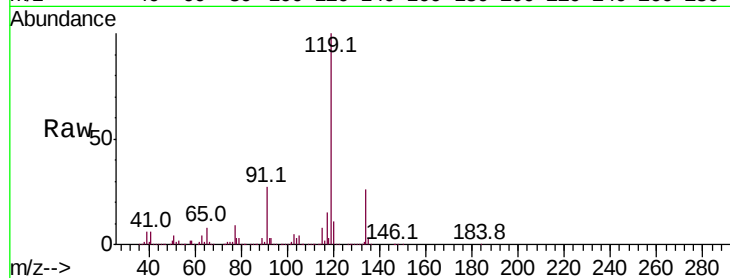
Tot Ion: 119 Resp: 3750401

Ion Ratio Lower Upper

119 100

134 26.3 21.2 31.8

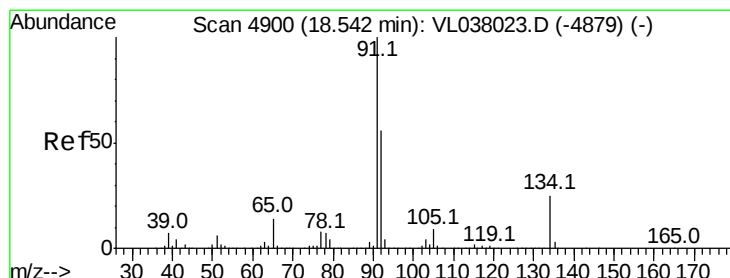
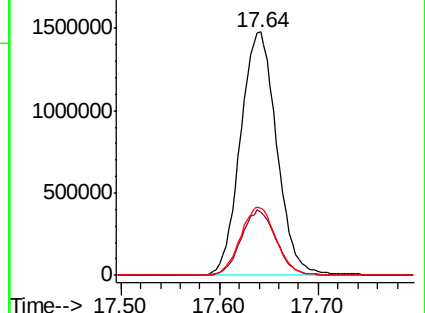
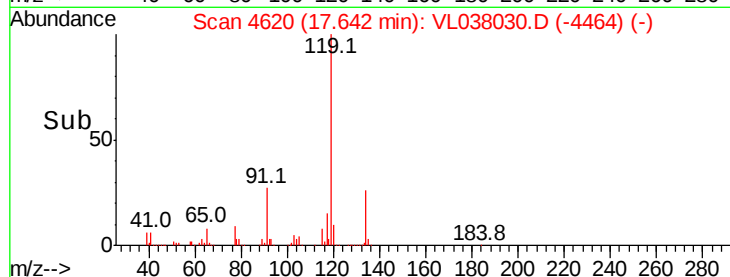
91 27.6 22.2 33.2



Abundance Ion 119.10 (118.80 to 119.80): V

Ion 134.20 (133.90 to 134.90): V

Ion 91.10 (90.80 to 91.80): V



#70

n-Butylbenzene

Concen: 6.813 ppbv

RT: 18.54 min Scan# 4898

Delta R.T. -0.01 min

Lab File: VL038030.D

Acq: 16 Nov 2021 6:54

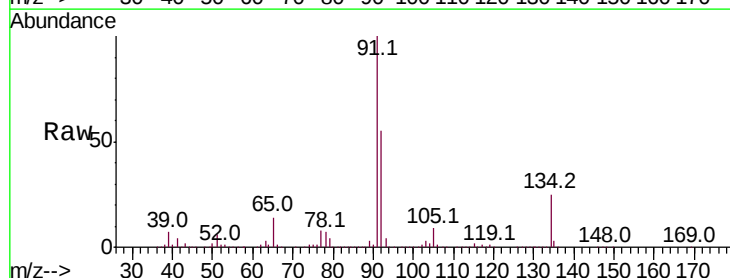
Tgt Ion: 91 Resp: 3534256

Ion Ratio Lower Upper

91 100

92 55.6 44.2 66.2

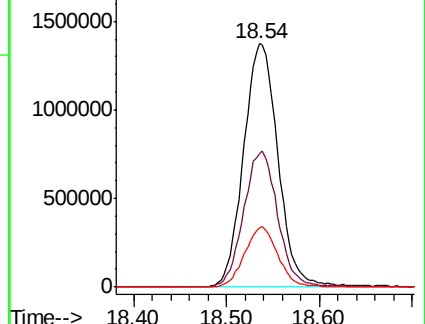
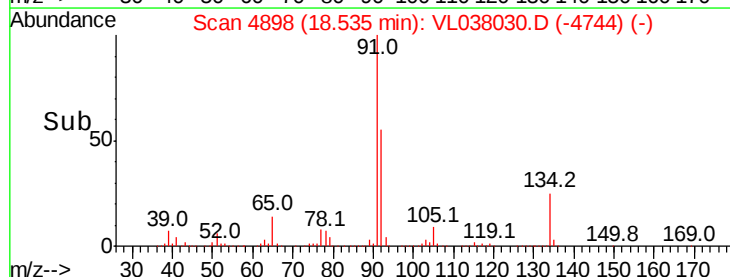
134 24.3 19.7 29.5

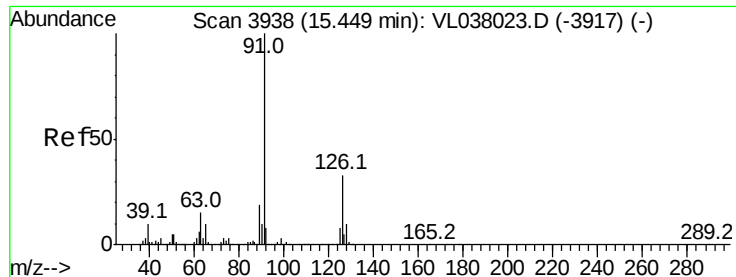


Abundance Ion 91.10 (90.80 to 91.80): V

Ion 92.10 (91.80 to 92.80): V

Ion 134.20 (133.90 to 134.90): V





#71

2-Chlorotoluene

Concen: 6.706 ppbv

RT: 15.44

Delta R.T. MSVOA_L

Lab File:

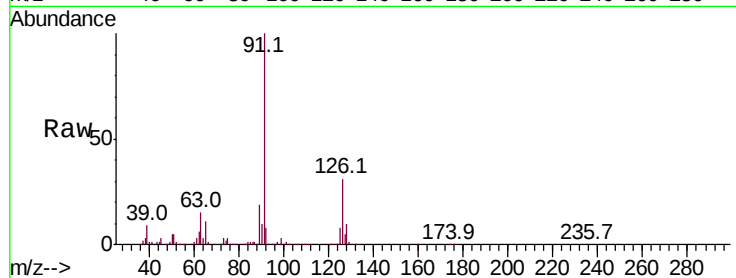
Acq: 16 Nov 2021 6:54

Tot Ion: 91 Resp: 2840857

Ion Ratio Lower Upper

91 100

126 33.1 13.5 54.1



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V

2000000

1500000

1000000

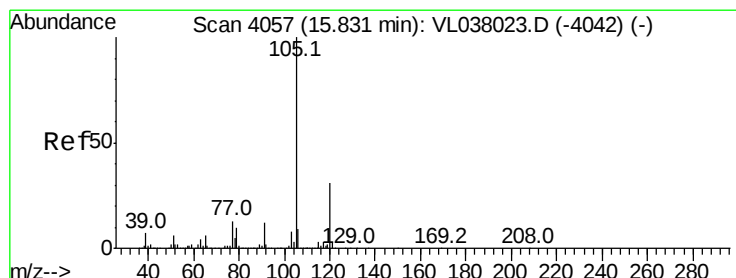
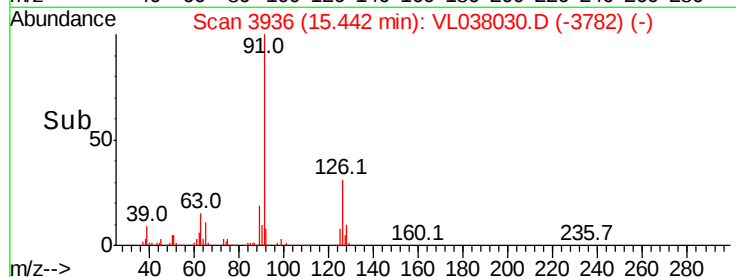
500000

0

15.44

15.50

Time-->



#72

4-Ethyltoluene

Concen: 6.889 ppbv

RT: 15.82 min Scan# 4055

Delta R.T. -0.01 min

Lab File: VL038030.D

Acq: 16 Nov 2021 6:54

Tgt Ion: 105 Resp: 3241782

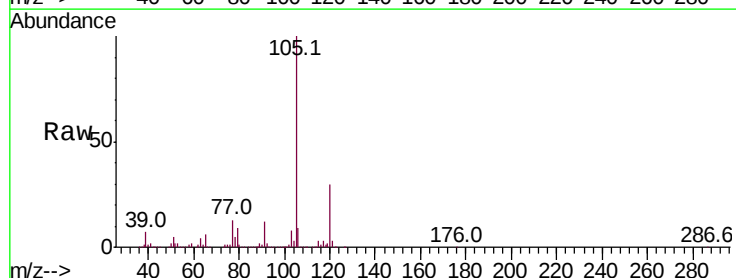
Ion Ratio Lower Upper

105 100

120 31.8 24.6 36.8

91 12.3 9.3 13.9

77 13.4 10.3 15.5



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

2000000

1500000

1000000

500000

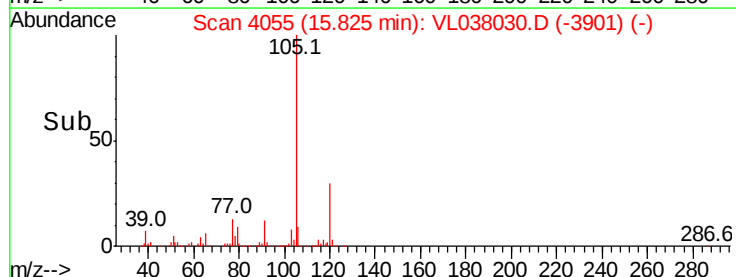
0

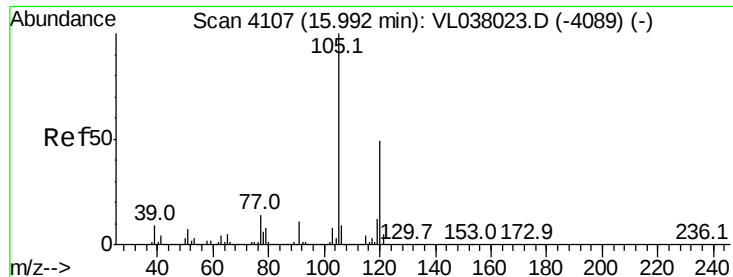
15.82

15.85

15.90

Time-->





#73

1,3,5-Trimethylbenzene

Concen: 6.599 ppbv

RT: 15.98

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

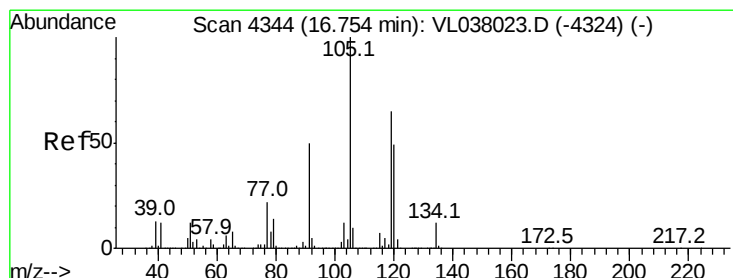
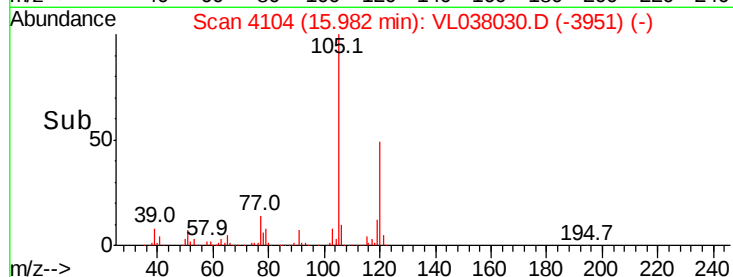
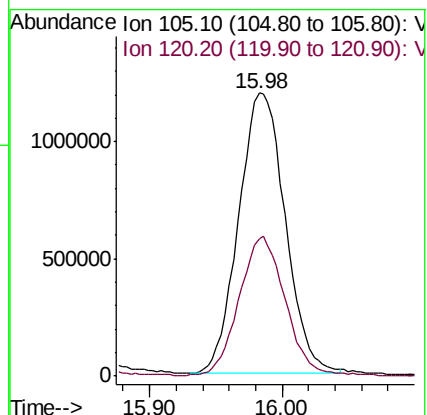
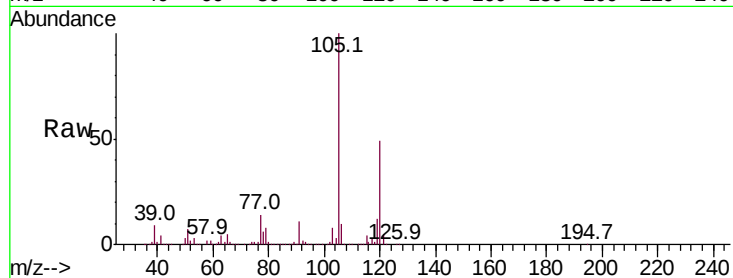
Acq: 16 Nov 2021 6:54

Tot Ion:105 Resp: 2924608

Ion Ratio Lower Upper

105 100

120 48.7 38.8 58.2



#74

1,2,4-Trimethylbenzene

Concen: 6.605 ppbv

RT: 16.75 min Scan# 4343

Delta R.T. -0.00 min

Lab File: VL038030.D

Acq: 16 Nov 2021 6:54

Tgt Ion:105 Resp: 2938804

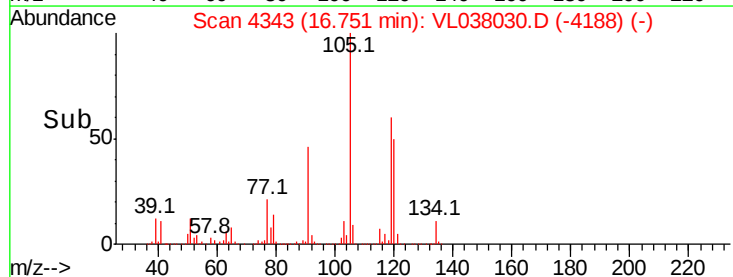
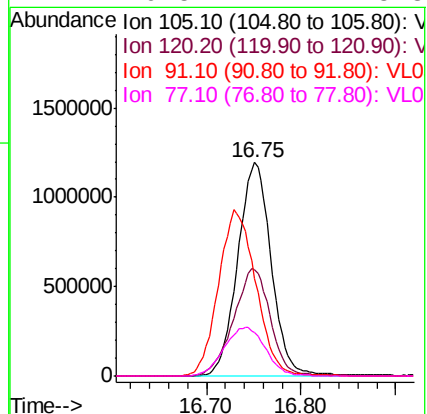
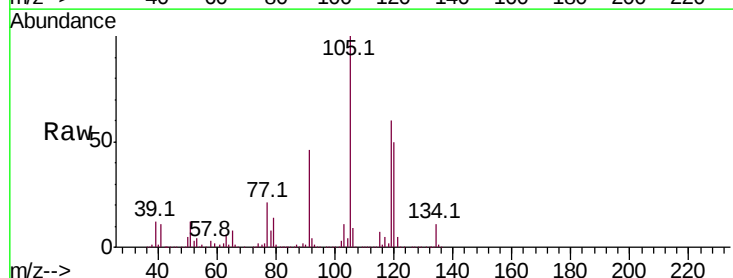
Ion Ratio Lower Upper

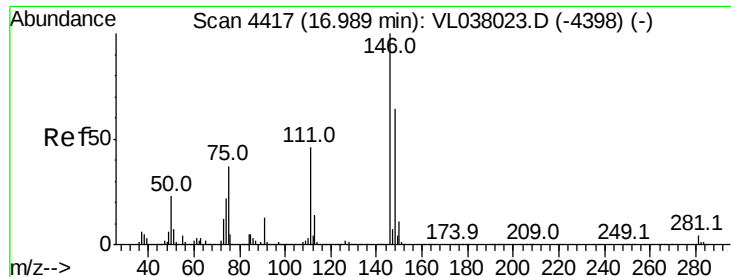
105 100

120 49.4 39.5 59.3

91 45.6 40.9 61.3

77 20.5 17.2 25.8





#75

1,3-Dichlorobenzene

Concen: 6.933 ppbv

RT: 16.98

Delta R.T. MSVOA_L

Lab File:

Acq: 16 Nov 2021 8:54

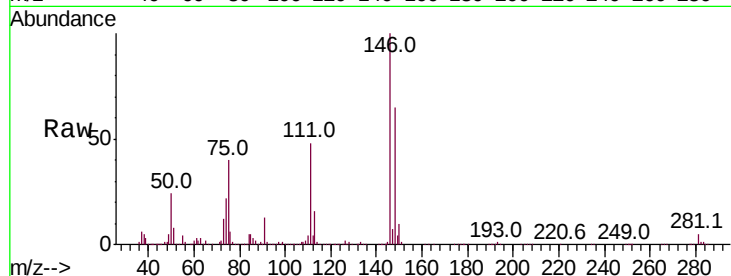
Tot Ion:146 Resp: 1684577

Ion Ratio Lower Upper

146 100

111 47.1 23.1 69.3

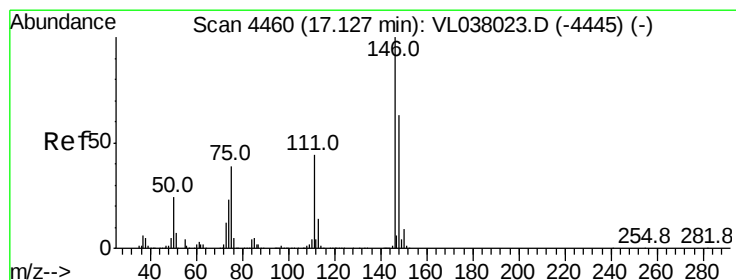
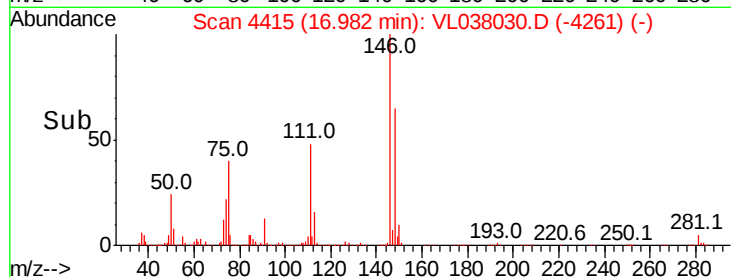
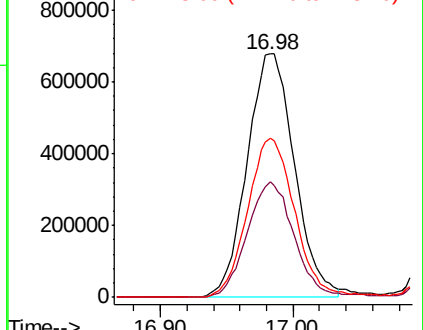
148 65.3 31.9 95.9



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



#76

1,4-Dichlorobenzene

Concen: 6.851 ppbv

RT: 17.12 min Scan# 4459

Delta R.T. -0.00 min

Lab File: VL038030.D

Acq: 16 Nov 2021 6:54

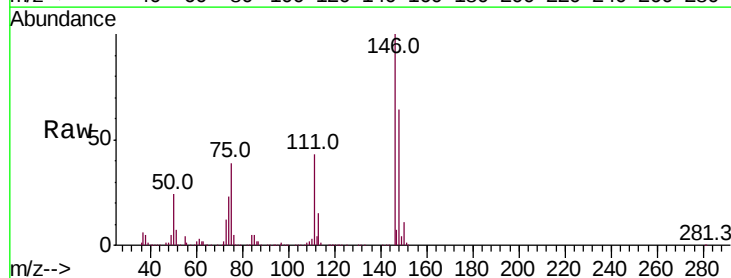
Tgt Ion:146 Resp: 1644378

Ion Ratio Lower Upper

146 100

111 46.6 22.5 67.5

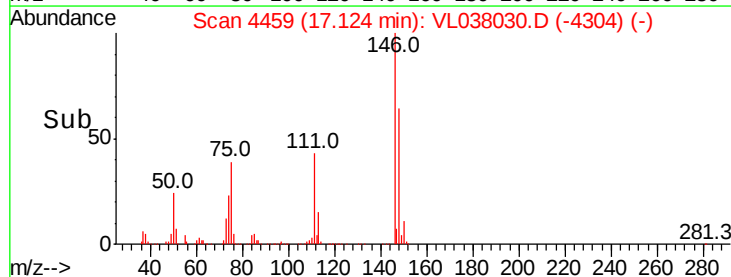
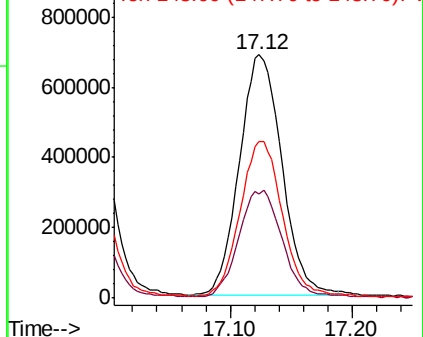
148 66.2 32.6 98.0

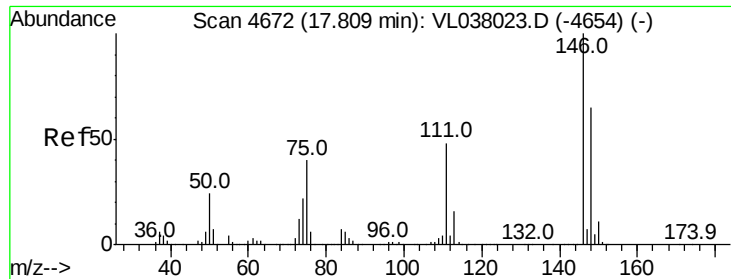


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

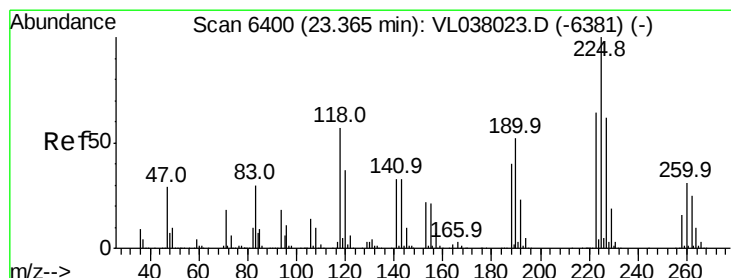
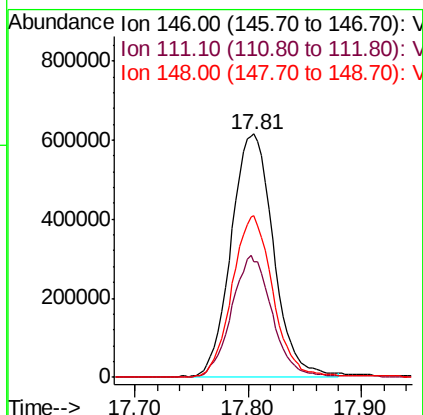
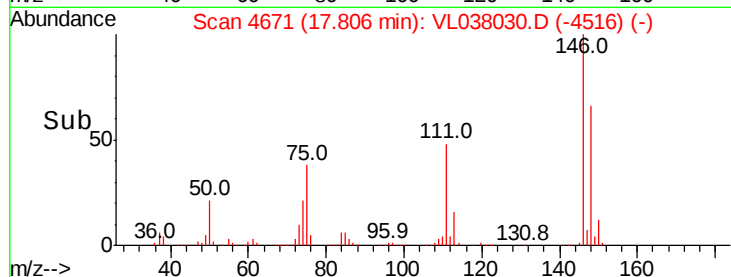
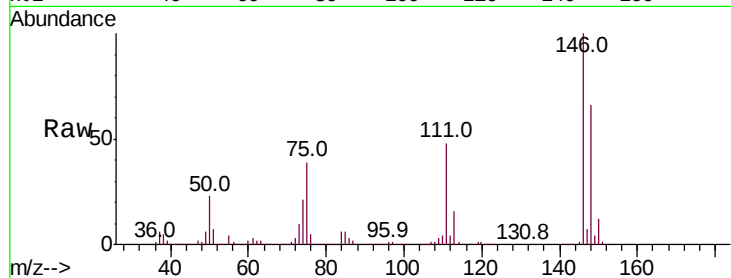
Ion 148.00 (147.70 to 148.70): V





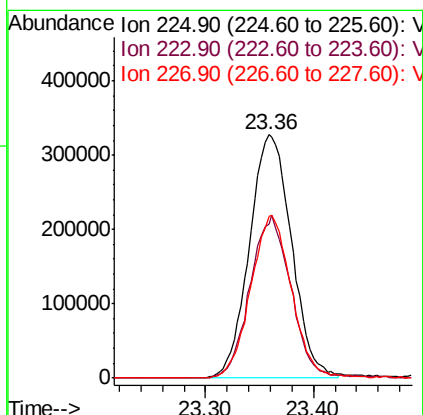
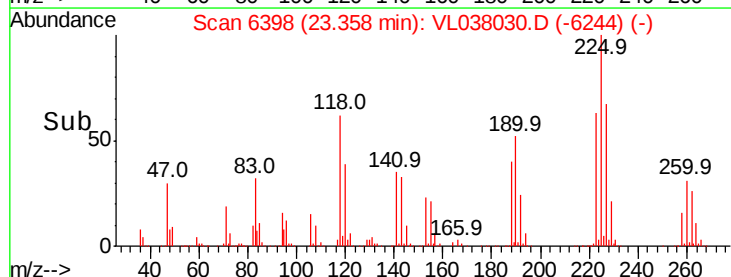
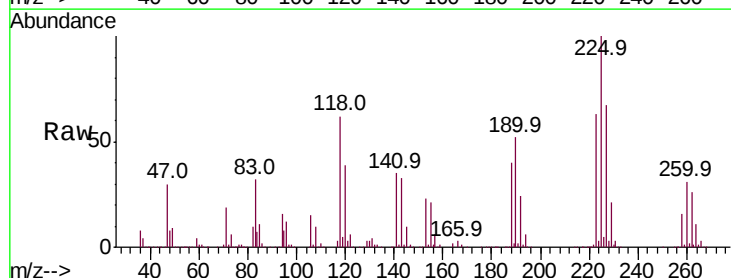
#77
 1,2-Dichlorobenzene
 Concen: 6.834 ppbv
 RT: 17.81 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 16 Nov 2021 6:54

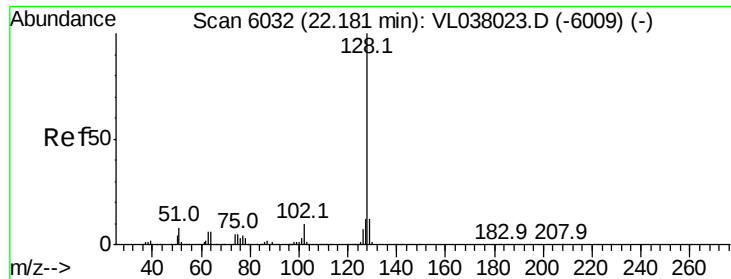
Tot Ion:146 Resp: 1582531
 Ion Ratio Lower Upper
 146 100
 111 48.8 24.2 72.6
 148 64.9 32.5 97.5



#78
 Hexachloro-1,3-Butadiene
 Concen: 5.752 ppbv
 RT: 23.36 min Scan# 6398
 Delta R.T.: -0.01 min
 Lab File: VL038030.D
 Acq: 16 Nov 2021 6:54

Tgt Ion:225 Resp: 888051
 Ion Ratio Lower Upper
 225 100
 223 65.5 51.0 76.4
 227 64.9 51.4 77.2

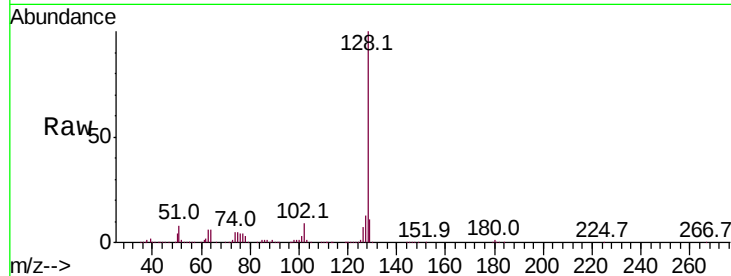




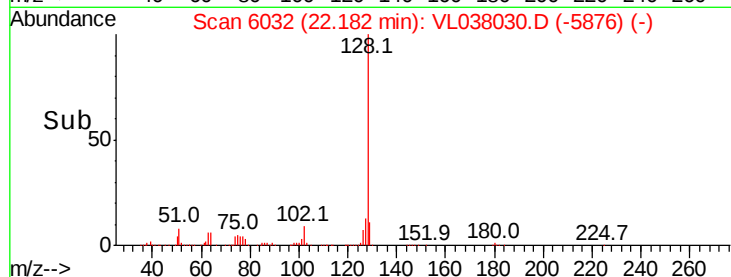
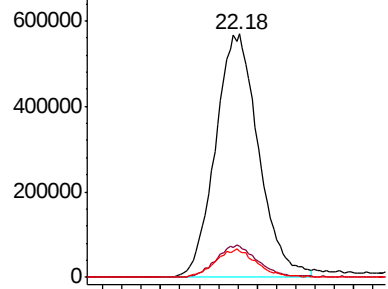
#79
Naphthalene
Concen: 7.650 ppbv
RT: 22.18 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 16 Nov 2021 8:54

Tot Ion:128 Resp: 1765578

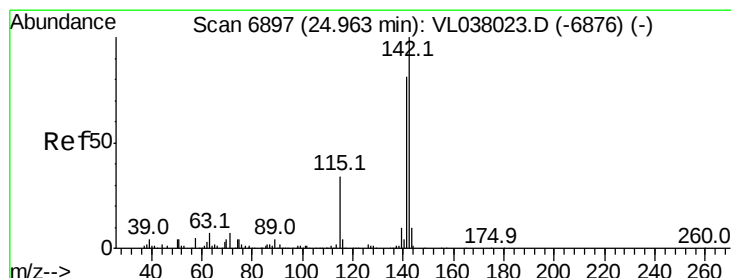
Ion	Ratio	Lower	Upper
128	100		
127	12.7	9.8	14.6
129	10.9	9.4	14.0



Abundance Ion 128.10 (127.80 to 128.80): V
Ion 127.10 (126.80 to 127.80): V
Ion 129.10 (128.80 to 129.80): V



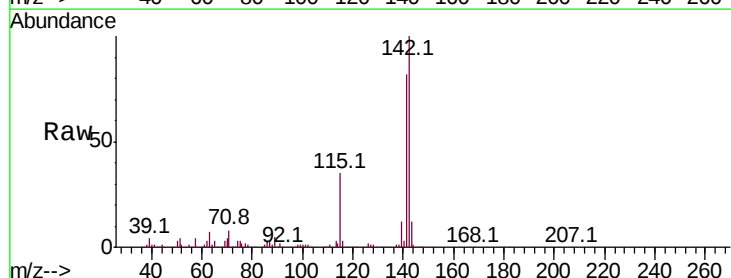
Time-->



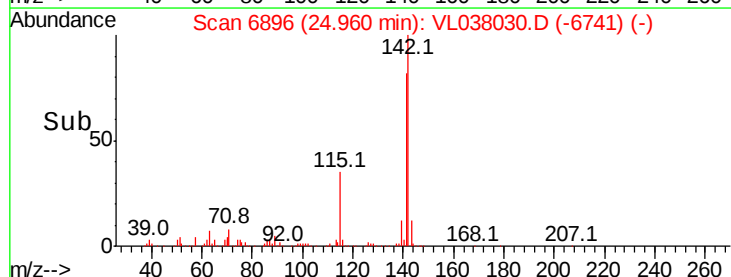
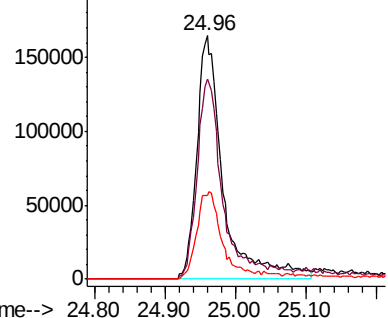
#80
Naphthalene, 2-methyl-
Concen: 11.418 ppbv
RT: 24.96 min Scan# 6896
Delta R.T. -0.00 min
Lab File: VL038030.D
Acq: 16 Nov 2021 6:54

Tgt Ion:142 Resp: 430878

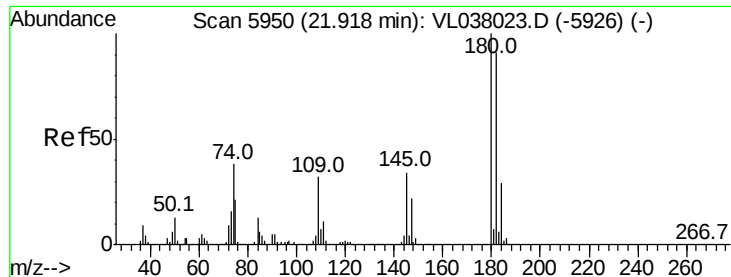
Ion	Ratio	Lower	Upper
142	100		
141	86.4	73.4	110.0
115	38.5	28.1	42.1



Abundance Ion 142.00 (141.70 to 142.70): V
Ion 141.00 (140.70 to 141.70): V
Ion 115.00 (114.70 to 115.70): V



Time-->



#81
 1,2,4-Trichlorobenzene
 Concen: 8.152 ppbv
 RT: 21.91
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 Acq: 16 Nov 2021 8:34

Tot Ion:	180	Resp:	945624
Ion Ratio	Lower	Upper	
180	100		
182	96.9	78.8	118.2
184	30.8	24.3	36.5

