

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL060821\
 Data File : VL037126.D
 Acq On : 8 Jun 2021 9:34
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jun 09 01:17:13 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051821AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue May 18 12:00:15 2021
 QLast Update : Tue May 18 12:00:15 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1433209	10.00	ppbv	0.01
33) 1,4-Difluorobenzene	7.17	114	4385143	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.08	117	5238971	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	3197845	8.13	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	81.30%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.05	85	1881609	7.739 ppbv	98
3) Chlorodifluoromethane	2.99	51	2756859	10.500 ppbv	97
4) Chloromethane	3.14	50	938686	10.506 ppbv	100
5) Vinyl Chloride	3.25	62	1029287	10.539 ppbv	99
6) Bromomethane	3.47	94	585018	11.368 ppbv	98
7) Chloroethane	3.56	64	375197	11.832 ppbv	96
8) Dichlorotetrafluoroethane	3.19	85	2508981	10.991 ppbv	98
9) Propene	3.01	41	902011	9.594 ppbv	100
10) Heptane	8.12	43	2273609	9.703 ppbv	99
11) Trichlorofluoromethane	3.95	101	2736581	12.160 ppbv	100
12) 1,1,2-Trichlorotrifluoroet	4.48	101	1974808	12.319 ppbv	96
13) Ethanol	3.61	45	95126	7.583 ppbv	72
14) Bromoethene	3.74	108	768121	10.879 ppbv	92
15) Acetone	3.85	43	1372670	9.351 ppbv	96
16) 1,3-Butadiene	3.32	39	975292	10.694 ppbv	100
17) tert-Butyl alcohol	4.29	59	1535216	11.417 ppbv	100
18) 1,1-Dichloroethene	4.29	96	870014	11.737 ppbv	98
19) Isopropyl Alcohol	3.97	45	885788	11.225 ppbv	# 35
20) Methylene Chloride	4.34	84	721518	9.169 ppbv	99
21) Allyl Chloride	4.41	41	1224370	11.056 ppbv	97
22) trans-1,2-Dichloroethene	4.88	96	901033	12.683 ppbv	98
23) Vinyl Acetate	5.07	43	2159572	9.268 ppbv	99
24) 1,1-Dichloroethane	5.01	63	1777354	10.597 ppbv	99
25) Ethyl Acetate	5.67	43	3564800	10.106 ppbv	100
26) Hexane	5.68	57	1683016	9.339 ppbv	95
27) Carbon Disulfide	4.55	76	2026370	11.157 ppbv	100
28) Methyl tert-Butyl Ether	5.03	73	1950577	9.030 ppbv	99
29) Chloroform	5.75	83	2795087	10.979 ppbv	97
30) Cyclohexane	7.12	84	1531716	10.002 ppbv	97
31) cis-1,2-Dichloroethene	5.55	61	1708166	10.572 ppbv	97
32) 1,1,1-Trichloroethane	6.51	97	2948237	10.784 ppbv	99
34) 2-Butanone	5.24	43	1635636	10.244 ppbv	99
35) Carbon Tetrachloride	7.02	117	3133660	10.755 ppbv	100
36) Benzene	6.89	78	3604261	9.542 ppbv	98
37) 1,2-Dichloroethane	6.30	62	2114312	11.290 ppbv	99
38) Trichloroethene	7.83	130	1555717	9.628 ppbv	98
39) 1,2-Dichloropropane	7.61	63	1374884	9.449 ppbv	95
40) 1,4-Dioxane	7.83	88	356949	10.390 ppbv	# 100
41) Tetrahydrofuran	6.05	42	858875	9.444 ppbv	100
42) Bromodichloromethane	7.79	83	3002546	10.598 ppbv	98
43) Methyl Methacrylate	8.01	69	1310506	10.066 ppbv	100

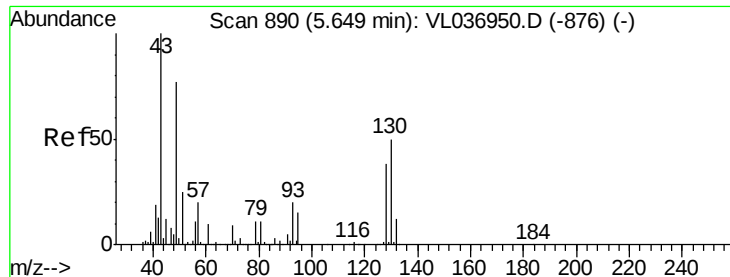
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL060821\
 Data File : VL037126.D
 Acq On : 8 Jun 2021 9:34
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jun 09 01:17:13 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051821AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue May 18 12:00:15 2021
 QLast Update : Tue May 18 12:00:15 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.86	57	5948981	9.180	ppbv	99
45) t-1,3-Dichloropropene	9.28	75	1045413	10.511	ppbv	99
46) cis-1,3-Dichloropropene	8.70	75	1377407	10.296	ppbv	97
47) 1,1,2-Trichloroethane	9.47	97	1543836	10.138	ppbv	99
48) Dibromochloromethane	10.30	129	2756380	11.178	ppbv	100
49) Bromoform	13.04	173	2299562	11.292	ppbv	99
50) 4-Methyl-2-Pentanone	8.74	43	2554251	9.694	ppbv	100
51) 2-Hexanone	10.13	43	1360941	9.770	ppbv #	96
52) Tetrachloroethene	11.22	164	1509057	10.047	ppbv	97
53) Toluene	9.80	91	4348357	9.675	ppbv	98
54) 1,2-Dibromoethane	10.61	107	2296542	10.607	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.12	131	1896749	8.604	ppbv #	58
57) Chlorobenzene	12.14	112	3277204	8.068	ppbv	99
58) Ethyl Benzene	12.70	91	5794362	7.836	ppbv	100
59) m/p-Xylene	12.99	91	5196060	8.501	ppbv #	40
60) o-Xylene	13.69	91	4658605	7.992	ppbv	99
61) Styrene	13.52	104	2707443	8.244	ppbv	97
62) Isopropylbenzene	14.66	105	6554234	7.823	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.67	83	3158714	7.255	ppbv	98
64) n-propylbenzene	15.56	120	1801934	8.336	ppbv	99
65) tert-Butylbenzene	16.74	119	6056088	8.011	ppbv	99
66) Benzyl Chloride	16.98	91	294554	7.023	ppbv	97
67) sec-Butylbenzene	17.29	105	8135800	7.889	ppbv	99
69) p-Isopropyltoluene	17.65	119	7228054	8.152	ppbv	99
70) n-Butylbenzene	18.55	91	6991615	8.300	ppbv	99
71) 2-Chlorotoluene	15.45	91	4840374	7.999	ppbv	99
72) 4-Ethyltoluene	15.83	105	5858039	8.467	ppbv	99
73) 1,3,5-Trimethylbenzene	15.99	105	5320868	8.190	ppbv	100
74) 1,2,4-Trimethylbenzene	16.76	105	5564721	8.284	ppbv	99
75) 1,3-Dichlorobenzene	16.99	146	3463877	8.444	ppbv	100
76) 1,4-Dichlorobenzene	17.13	146	3339056	8.051	ppbv	100
77) 1,2-Dichlorobenzene	17.81	146	3378028	8.218	ppbv	100
78) Hexachloro-1,3-Butadiene	23.37	225	2444904	7.397	ppbv	100
79) Naphthalene	22.19	128	4931460	9.356	ppbv	99
80) Naphthalene, 2-methyl-	24.97	142	1268080	11.064	ppbv	92
81) 1,2,4-Trichlorobenzene	21.92	180	2778319	8.647	ppbv	98

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 894

Delta R.T. 0.01 min

Lab File: VL037126.D

Acq: 8 Jun 2021 9:34

Instrument :

MSVOA_L

ClientSampleId :

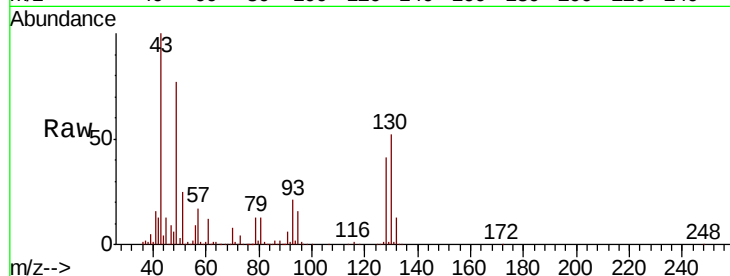
Tot Ion: 49 Resp: 1433209

Ion Ratio Lower Upper

49 100

128 58.6 26.9 80.7

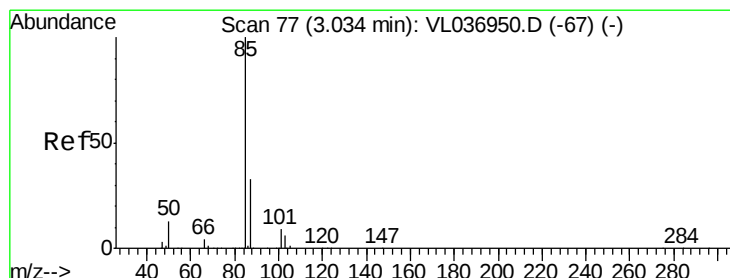
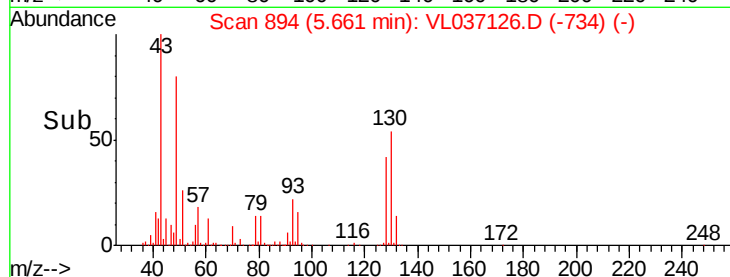
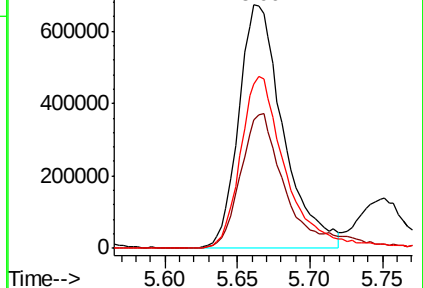
130 73.5 33.8 101.4



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 7.739 ppbv

RT: 3.05 min Scan# 81

Delta R.T. 0.01 min

Lab File: VL037126.D

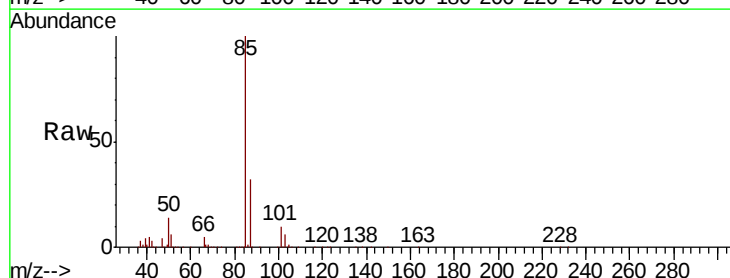
Acq: 8 Jun 2021 9:34

Tgt Ion: 85 Resp: 1881609

Ion Ratio Lower Upper

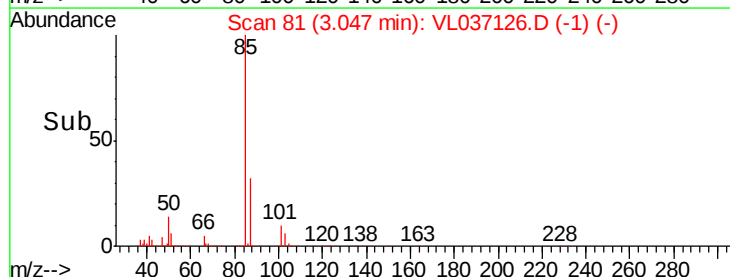
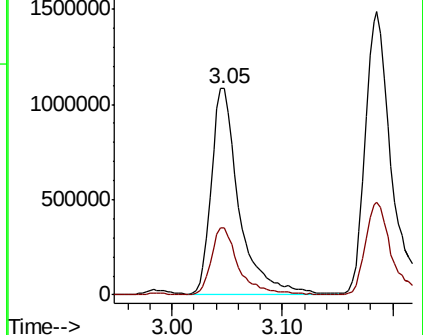
85 100

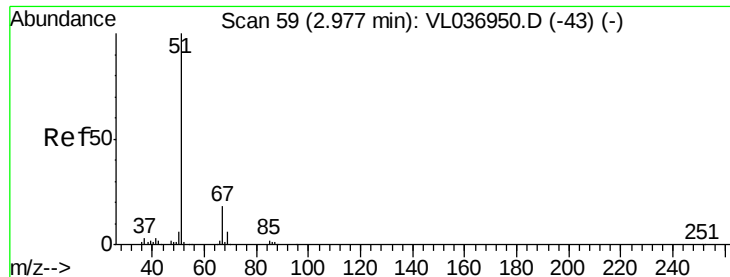
87 32.2 26.6 39.8



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 10.500 ppbv

RT: 2.99 min Scan# 62

Delta R.T. 0.01 min

Lab File: VL037126.D

Acq: 8 Jun 2021 9:34

Instrument :

MSVOA_L

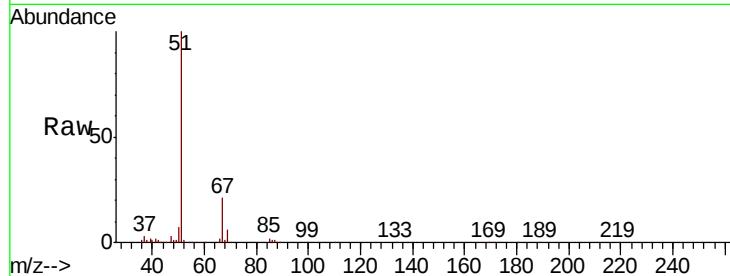
ClientSampleId :

Tot Ion: 51 Resp: 2756859

Ion Ratio Lower Upper

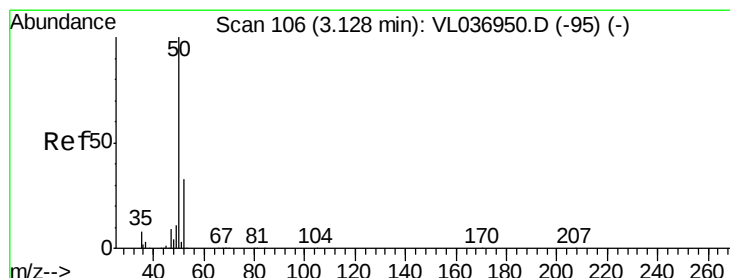
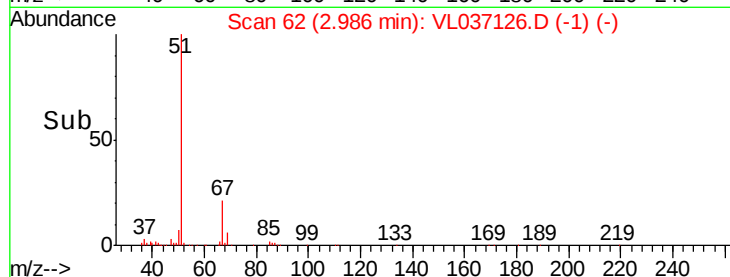
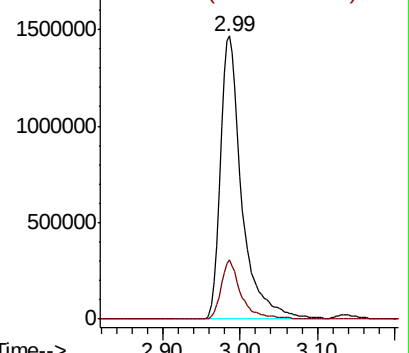
51 100

67 19.6 14.6 21.8



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 10.506 ppbv

RT: 3.14 min Scan# 109

Delta R.T. 0.01 min

Lab File: VL037126.D

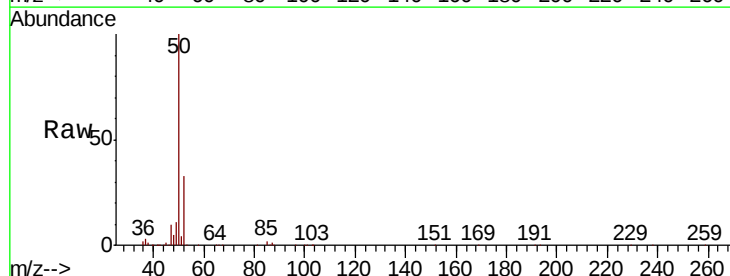
Acq: 8 Jun 2021 9:34

Tgt Ion: 50 Resp: 938686

Ion Ratio Lower Upper

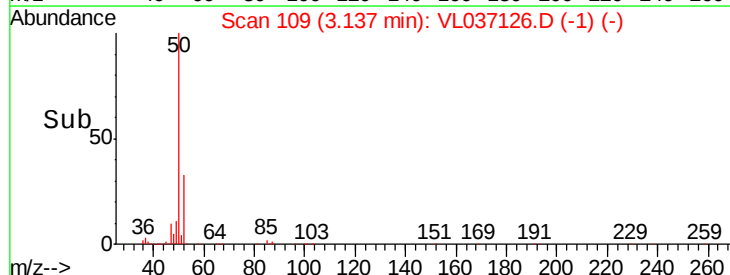
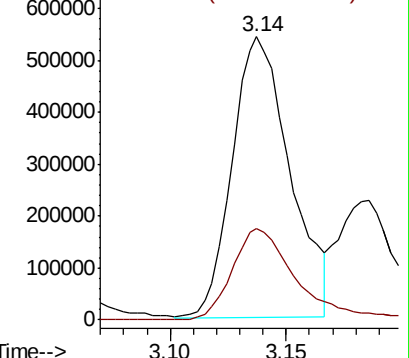
50 100

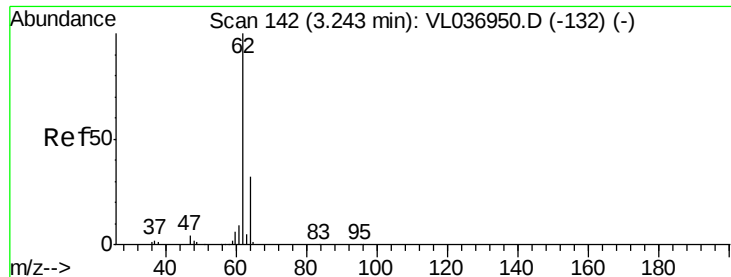
52 32.9 26.1 39.1



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 10.539 ppbv

RT: 3.25 min Scan# 145

Delta R.T. 0.01 min

Lab File: VL037126.D

Acq: 8 Jun 2021 9:34

Instrument :

MSVOA_L

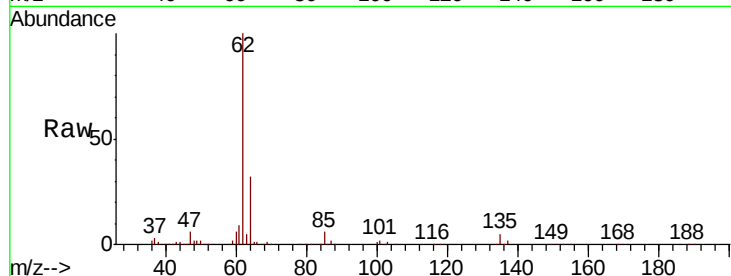
ClientSampleId :

Tot Ion: 62 Resp: 1029287

Ion Ratio Lower Upper

62 100

64 31.7 25.9 38.9



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0

3.25

600000

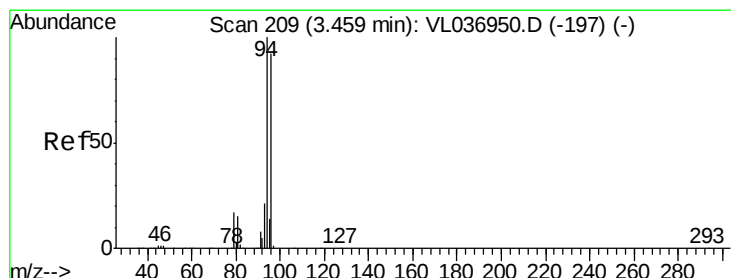
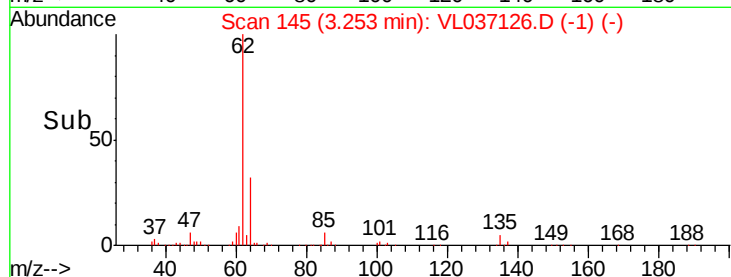
400000

200000

0

Time-->

3.20 3.25 3.30 3.35



#6

Bromomethane

Concen: 11.368 ppbv

RT: 3.47 min Scan# 213

Delta R.T. 0.01 min

Lab File: VL037126.D

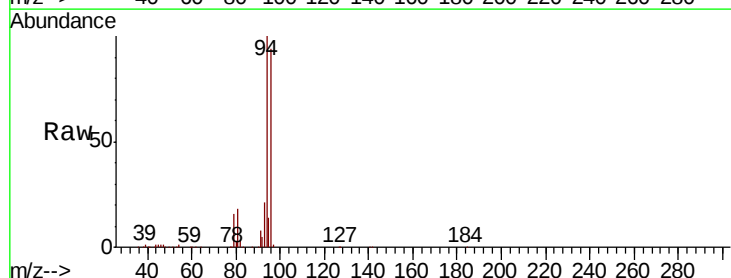
Acq: 8 Jun 2021 9:34

Tgt Ion: 94 Resp: 585018

Ion Ratio Lower Upper

94 100

96 94.4 74.0 111.0



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0

3.47

300000

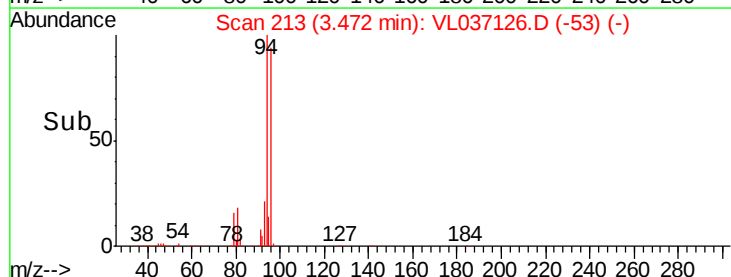
200000

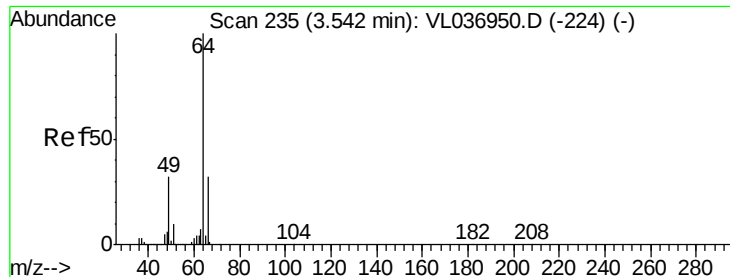
100000

0

Time-->

3.40 3.45 3.50 3.55





#7

Chloroethane

Concen: 11.832 ppbv

RT: 3.56 min Scan# 239

Delta R.T. 0.01 min

Lab File: VL037126.D

Acq: 8 Jun 2021 9:34

Instrument :

MSVOA_L

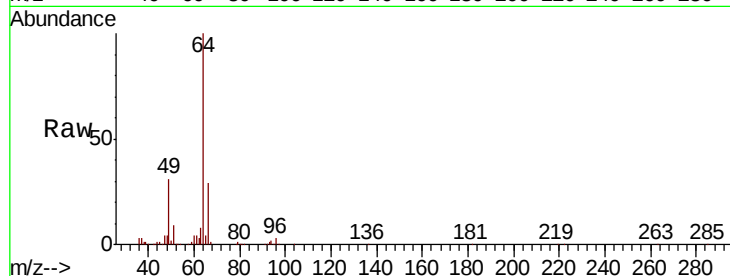
ClientSampleId :

Tot Ion: 64 Resp: 375197

Ion Ratio Lower Upper

64 100

66 29.4 25.4 38.2



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0

3.56

250000

200000

150000

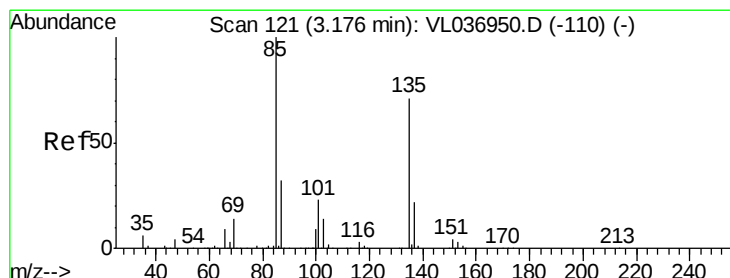
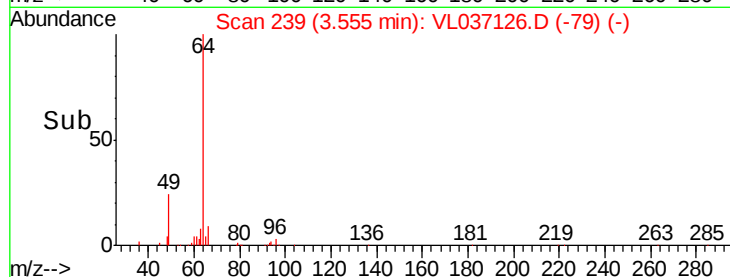
100000

50000

0

3.50 3.55 3.60 3.65

Time-->



#8

Dichlorotetrafluoroethane

Concen: 10.991 ppbv

RT: 3.19 min Scan# 124

Delta R.T. 0.01 min

Lab File: VL037126.D

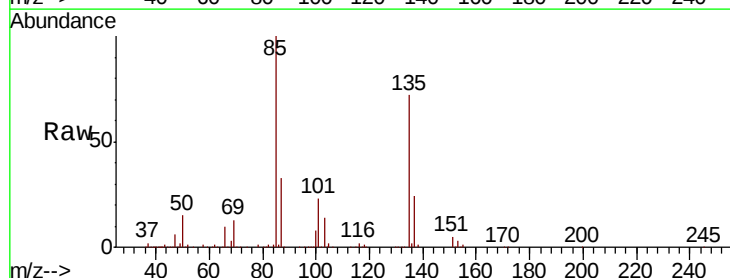
Acq: 8 Jun 2021 9:34

Tgt Ion: 85 Resp: 2508981

Ion Ratio Lower Upper

85 100

135 74.0 57.7 86.5



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V

3.19

1500000

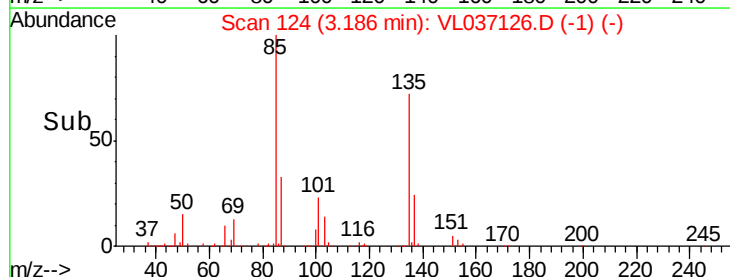
1000000

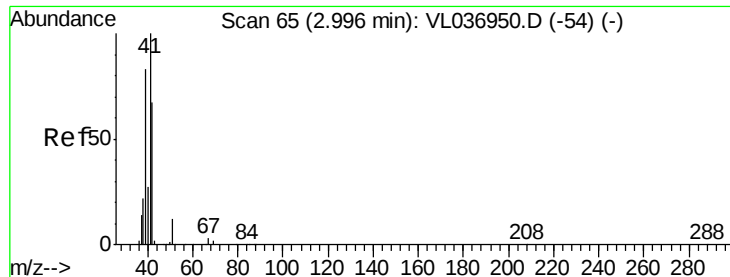
500000

0

3.10 3.20 3.30

Time-->





#9

Propene

Concen: 9.594 ppbv

RT: 3.01 min Scan# 68

Delta R.T. 0.01 min

Lab File: VL037126.D

Acq: 8 Jun 2021 9:34

Instrument :

MSVOA_L

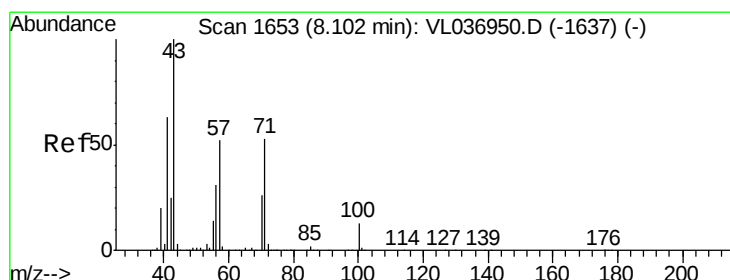
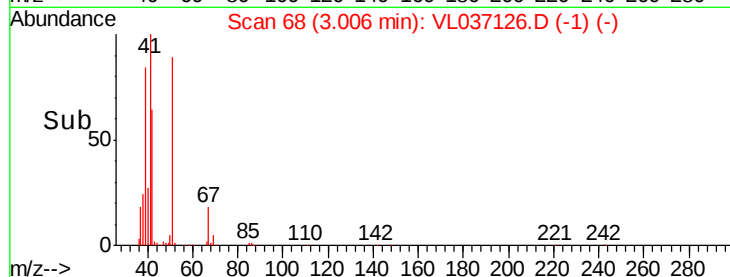
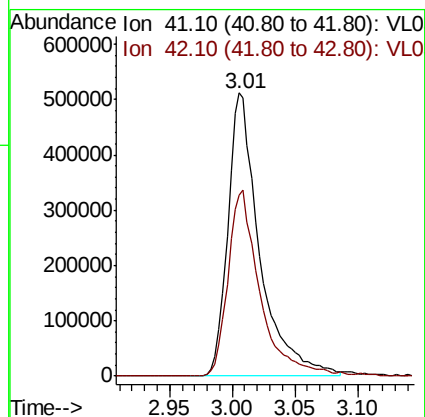
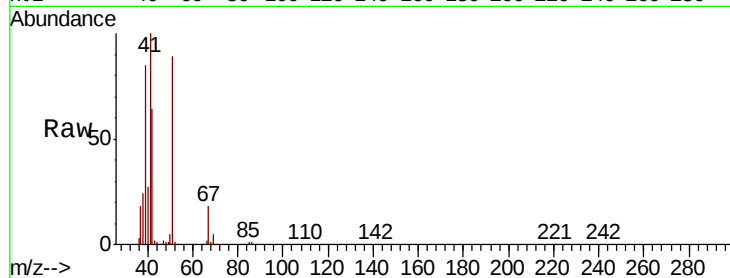
ClientSampleId :

Tot Ion: 41 Resp: 902011

Ion Ratio Lower Upper

41 100

42 67.1 53.9 80.9



#10

Heptane

Concen: 9.703 ppbv

RT: 8.12 min Scan# 1658

Delta R.T. 0.02 min

Lab File: VL037126.D

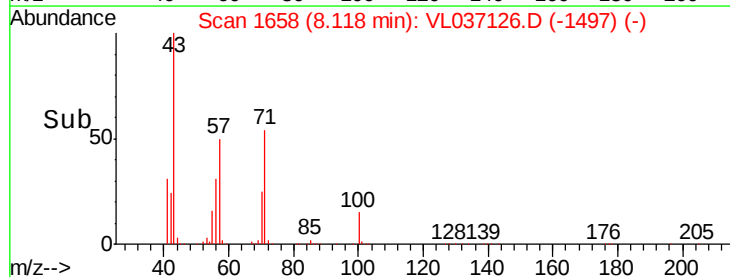
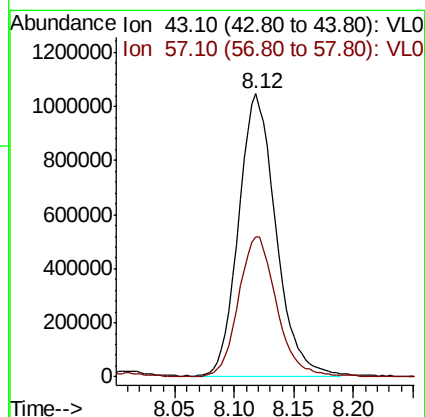
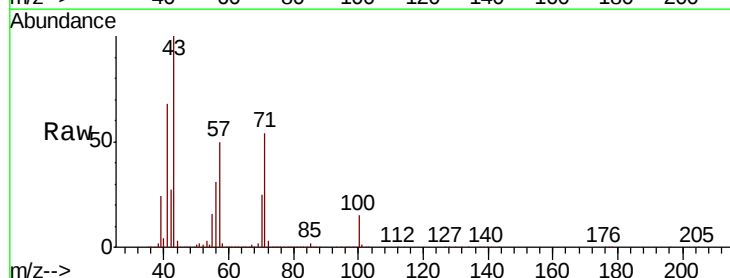
Acq: 8 Jun 2021 9:34

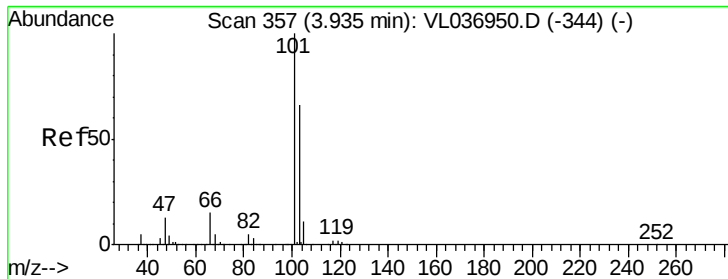
Tgt Ion: 43 Resp: 2273609

Ion Ratio Lower Upper

43 100

57 50.3 41.0 61.6

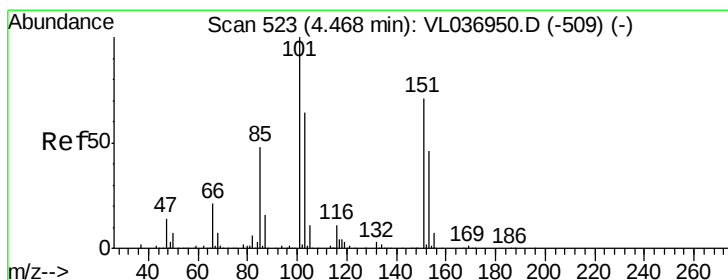
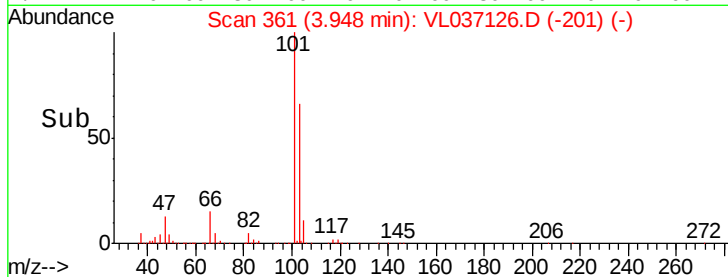
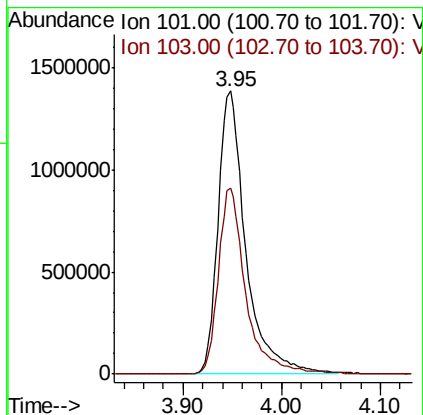
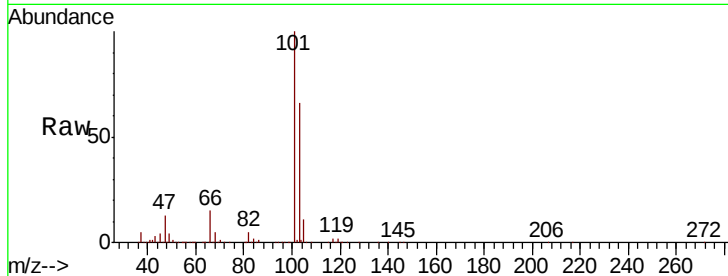




#11
 Trichlorofluoromethane
 Concen: 12.160 ppbv
 RT: 3.95 min Scan# 361
 Delta R.T. 0.01 min
 Lab File: VL037126.D
 Acq: 8 Jun 2021 9:34

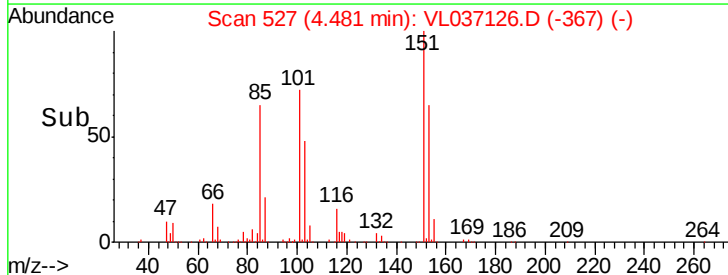
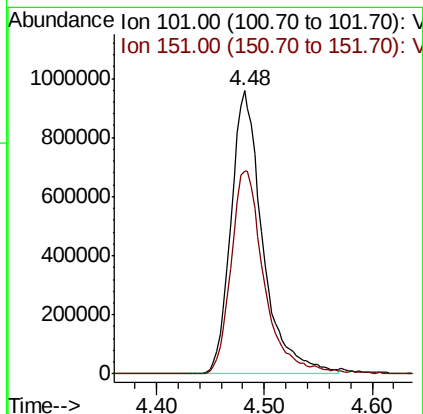
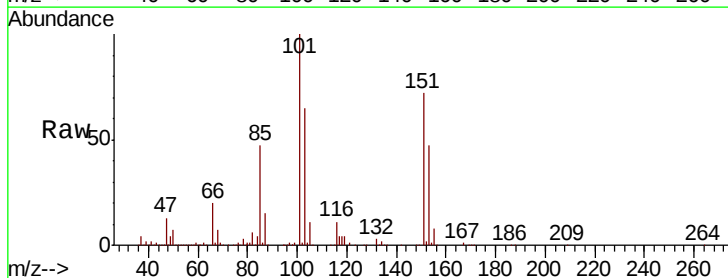
Instrument :
 MSVOA_L
 ClientSampleId :

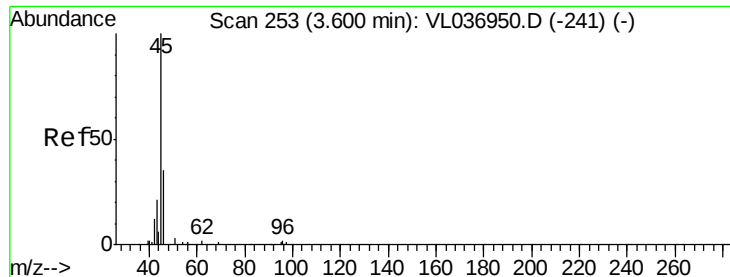
Tot Ion:101 Resp: 2736581
 Ion Ratio Lower Upper
 101 100
 103 65.6 52.6 79.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 12.319 ppbv
 RT: 4.48 min Scan# 527
 Delta R.T. 0.01 min
 Lab File: VL037126.D
 Acq: 8 Jun 2021 9:34

Tgt Ion:101 Resp: 1974808
 Ion Ratio Lower Upper
 101 100
 151 75.3 57.7 86.5

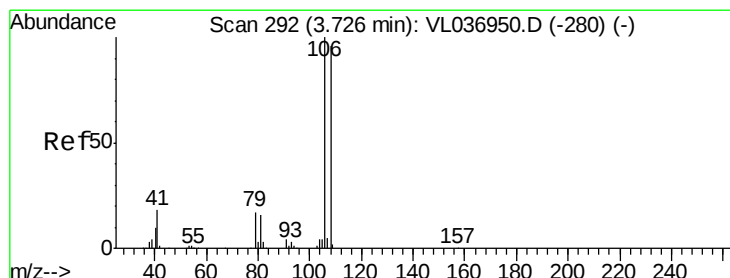
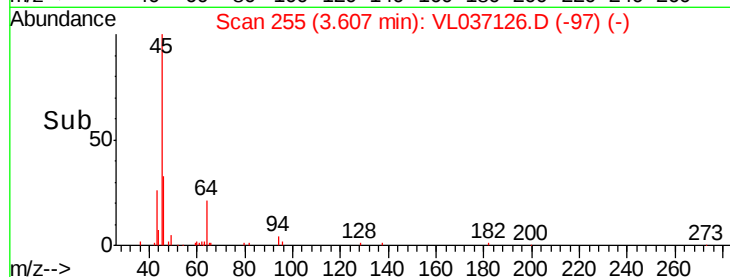
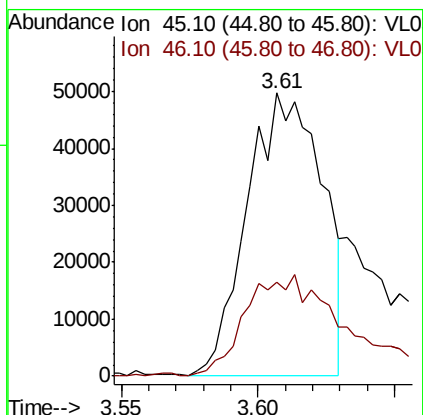
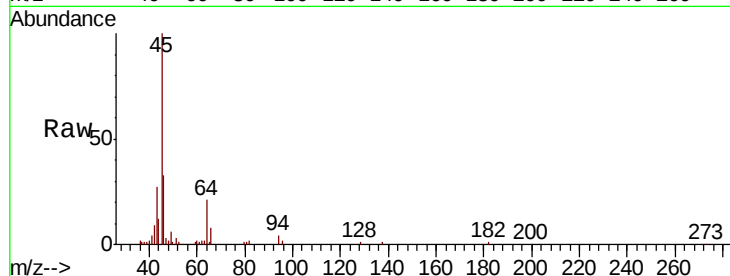




#13
Ethanol
Concen: 7.583 ppbv
RT: 3.61 min Scan# 255
Delta R.T. 0.01 min
Lab File: VL037126.D
Acq: 8 Jun 2021 9:34

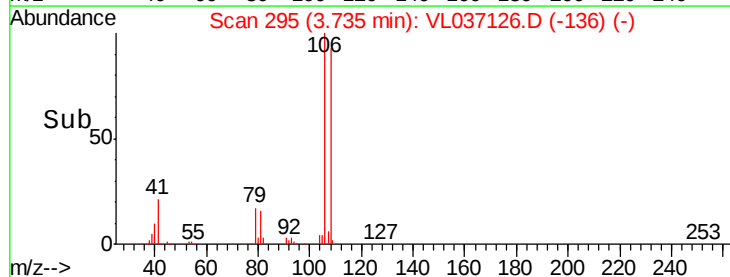
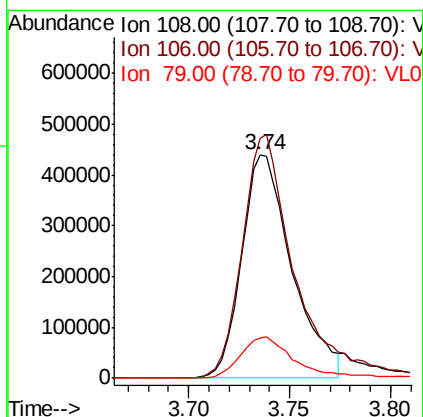
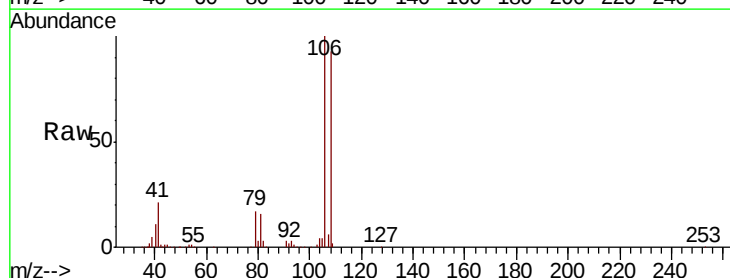
Instrument :
MSVOA_L
ClientSampled :

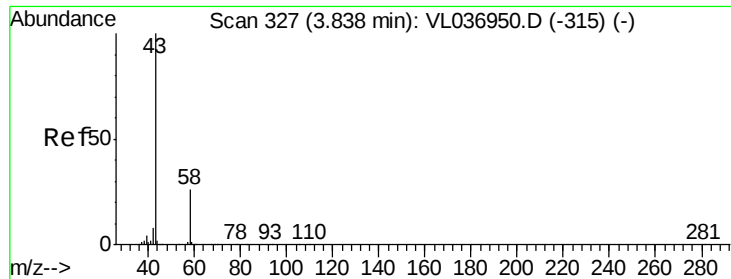
Tot Ion: 45 Resp: 95126
Ion Ratio Lower Upper
45 100
46 58.0 16.3 65.3



#14
Bromoethene
Concen: 10.879 ppbv
RT: 3.74 min Scan# 295
Delta R.T. 0.01 min
Lab File: VL037126.D
Acq: 8 Jun 2021 9:34

Tgt Ion: 108 Resp: 768121
Ion Ratio Lower Upper
108 100
106 116.5 86.5 129.7
79 20.7 15.0 22.4

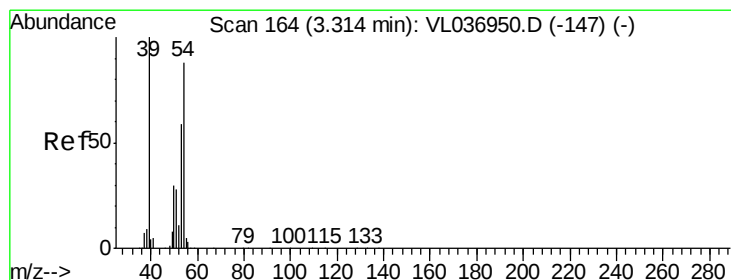
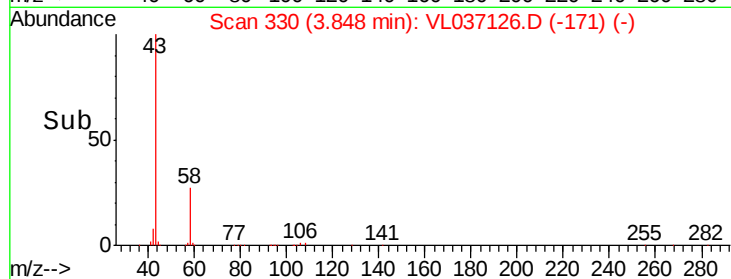
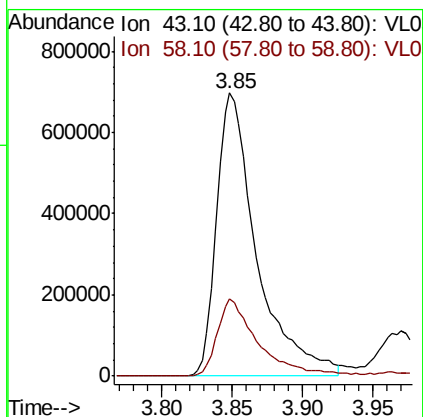
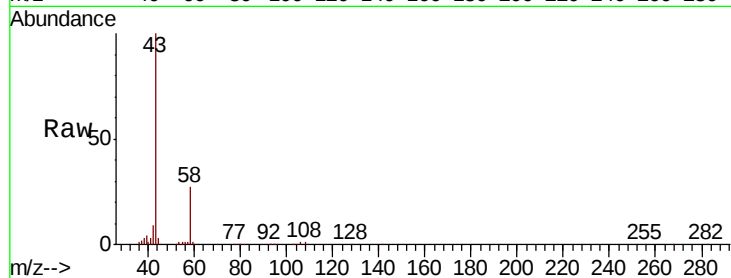




#15
Acetone
Concen: 9.351 ppbv
RT: 3.85 min Scan# 330
Delta R.T. 0.01 min
Lab File: VL037126.D
Acq: 8 Jun 2021 9:34

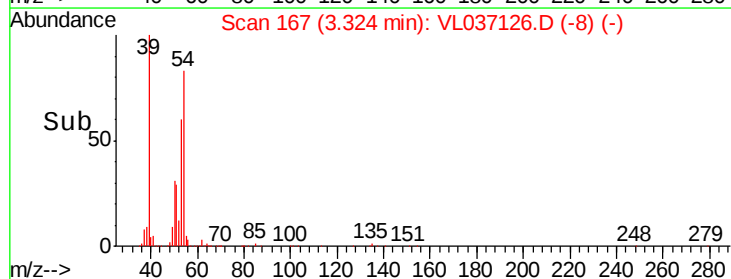
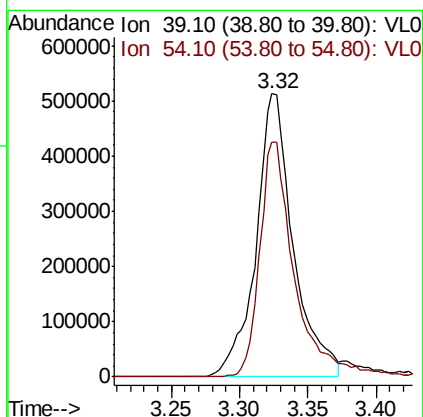
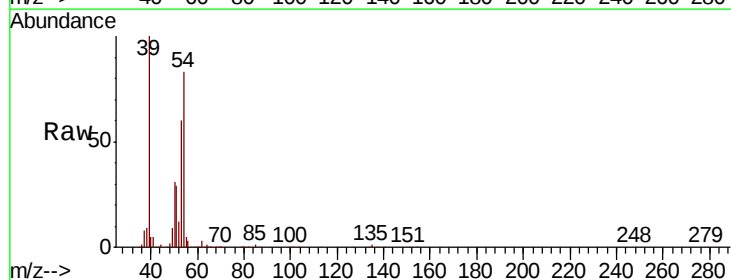
Instrument :
MSVOA_L
ClientSampleId :

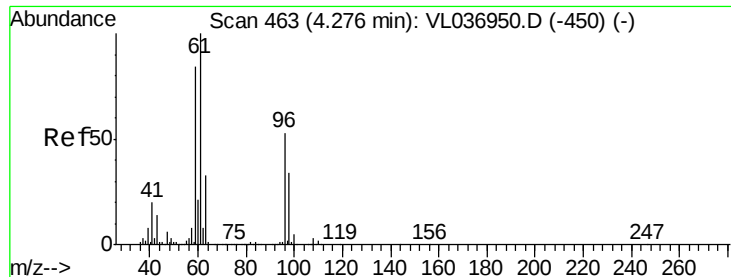
Tot Ion: 43 Resp: 1372670
Ion Ratio Lower Upper
43 100
58 28.0 24.0 36.0



#16
1,3-Butadiene
Concen: 10.694 ppbv
RT: 3.32 min Scan# 167
Delta R.T. 0.01 min
Lab File: VL037126.D
Acq: 8 Jun 2021 9:34

Tgt Ion: 39 Resp: 975292
Ion Ratio Lower Upper
39 100
54 78.8 63.2 94.8



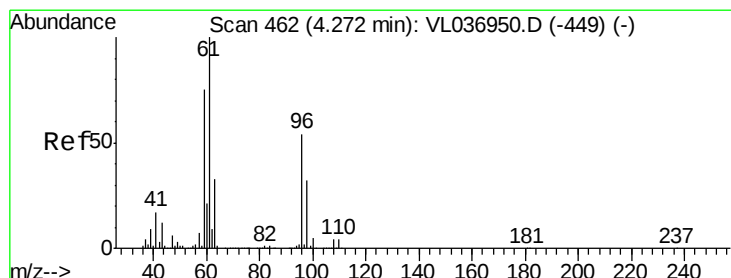
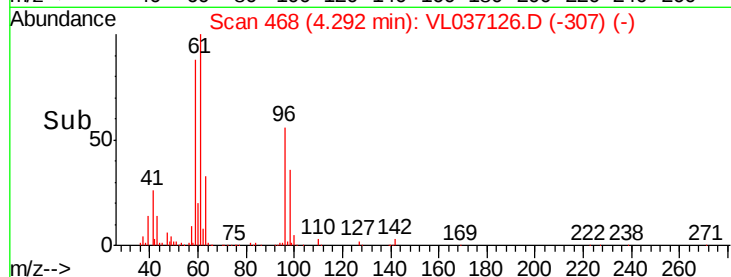
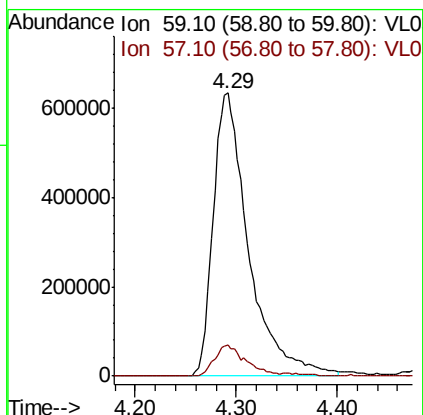
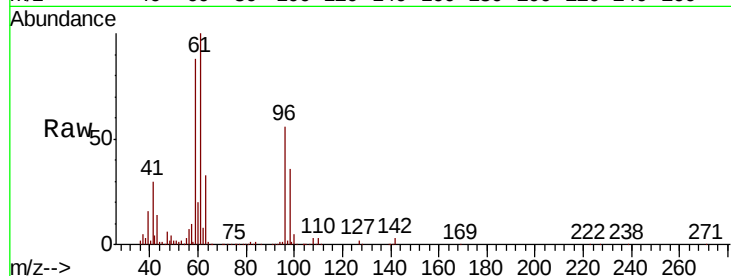


#17

tert-Butyl alcohol
 Concen: 11.417 ppbv
 RT: 4.29 min Scan# 468
 Delta R.T. 0.02 min
 Lab File: VL037126.D
 Acq: 8 Jun 2021 9:34

Instrument :
 MSVOA_L
 ClientSampleId :

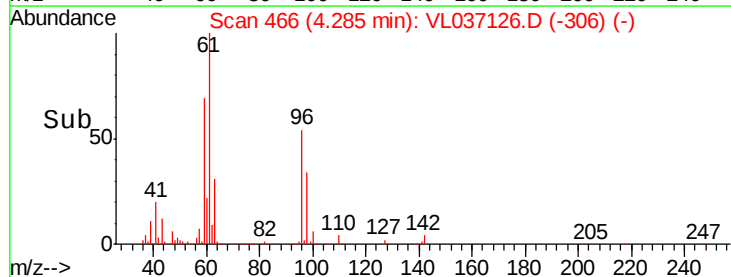
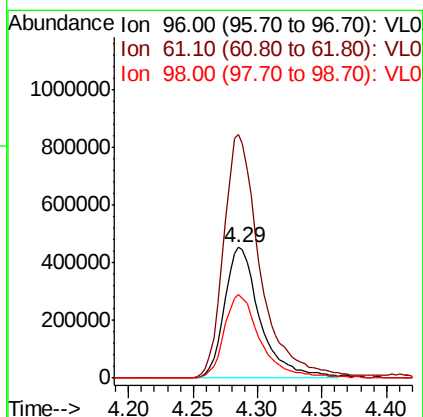
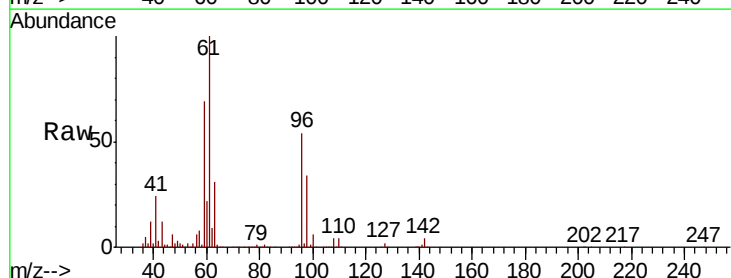
Tot Ion: 59 Resp: 1535216
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.3 12.5

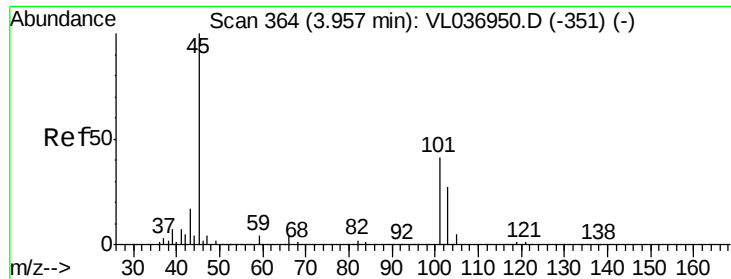


#18

1,1-Dichloroethene
 Concen: 11.737 ppbv
 RT: 4.29 min Scan# 466
 Delta R.T. 0.01 min
 Lab File: VL037126.D
 Acq: 8 Jun 2021 9:34

Tgt Ion: 96 Resp: 870014
 Ion Ratio Lower Upper
 96 100
 61 186.5 148.2 222.4
 98 63.9 47.8 71.6



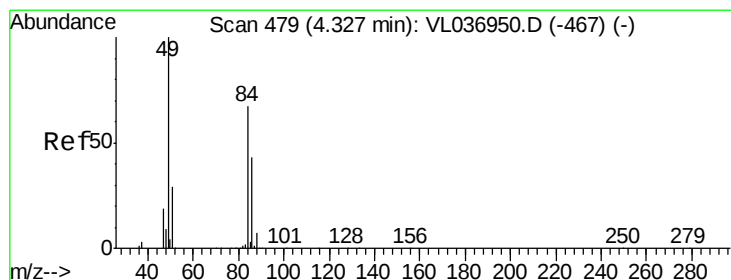
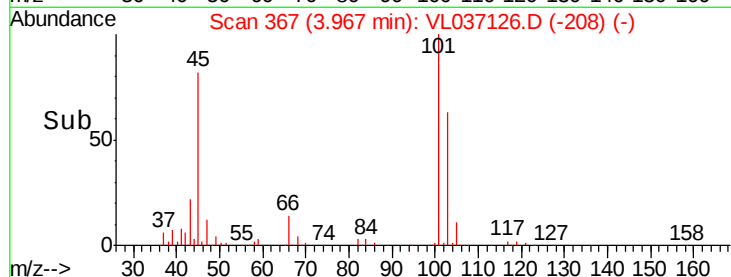
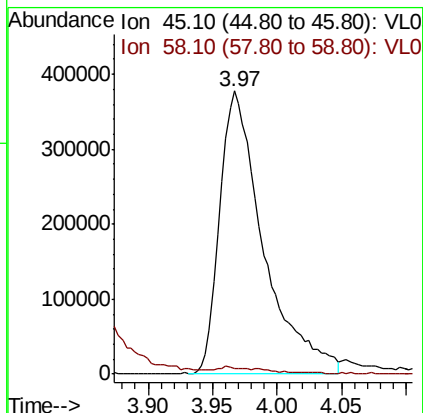
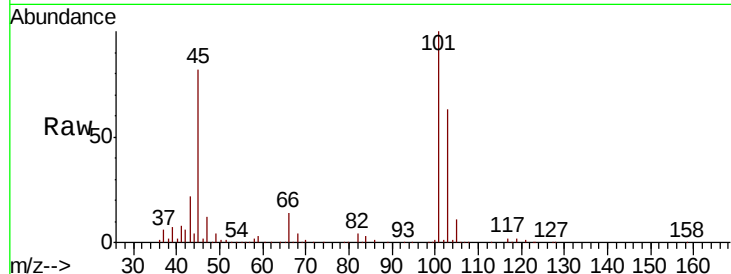


#19

Isopropyl Alcohol
 Concen: 11.225 ppbv
 RT: 3.97 min Scan# 367
 Delta R.T. 0.01 min
 Lab File: VL037126.D
 Acq: 8 Jun 2021 9:34

Instrument :
 MSVOA_L
 ClientSampleId :

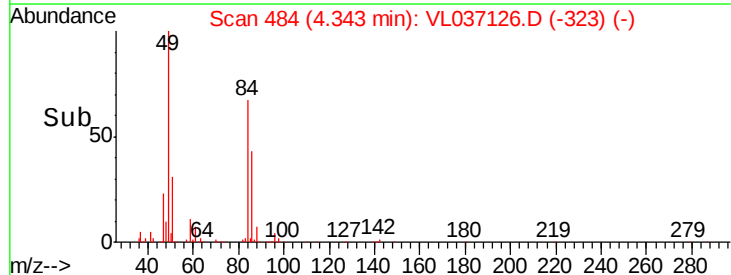
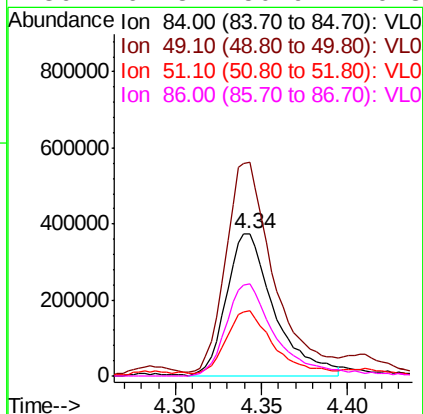
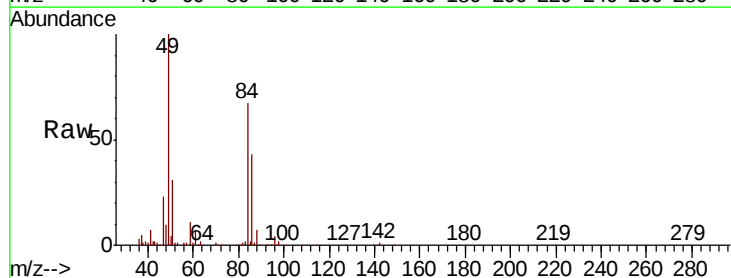
Tot Ion: 45 Resp: 885788
 Ion Ratio Lower Upper
 45 100
 58 3.1 37.2 55.8#

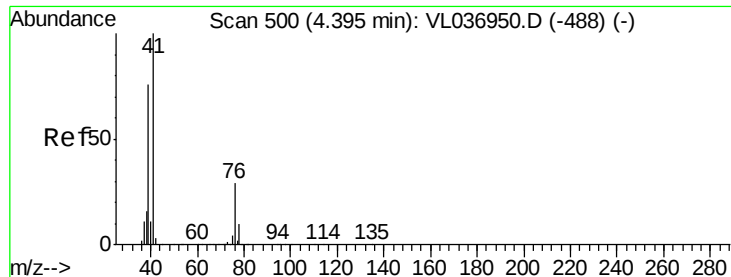


#20

Methylene Chloride
 Concen: 9.169 ppbv
 RT: 4.34 min Scan# 484
 Delta R.T. 0.02 min
 Lab File: VL037126.D
 Acq: 8 Jun 2021 9:34

Tgt Ion: 84 Resp: 721518
 Ion Ratio Lower Upper
 84 100
 49 147.7 119.8 179.6
 51 44.2 35.1 52.7
 86 64.8 50.9 76.3

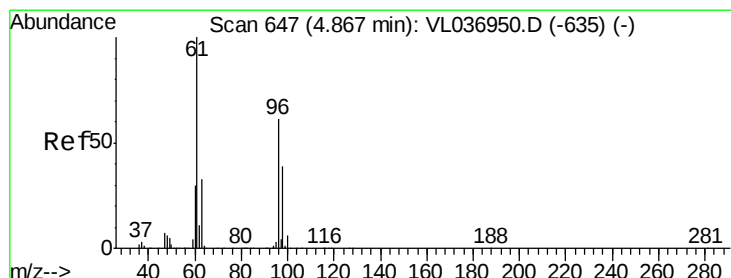
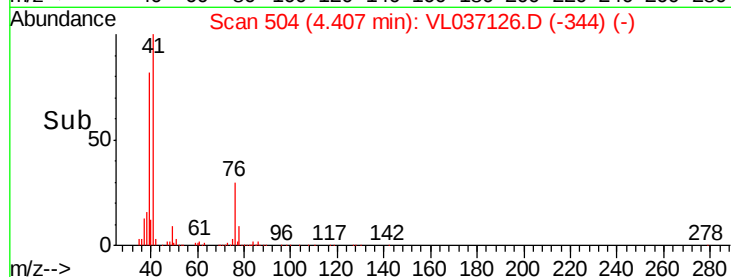
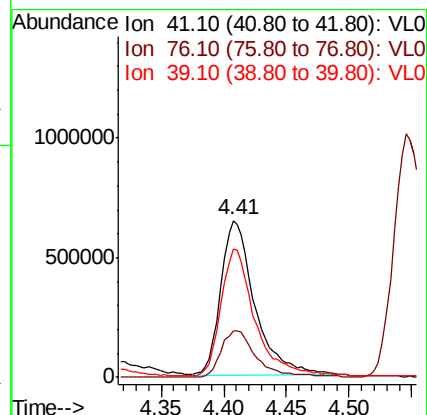
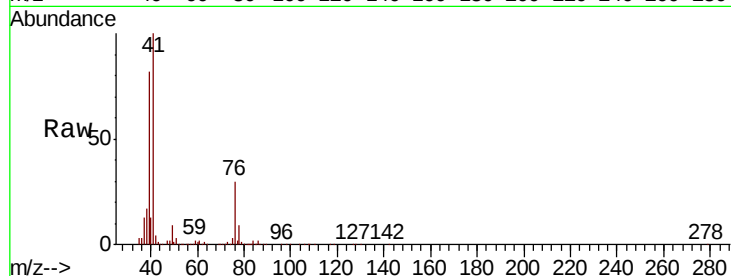




#21
Allvl Chloride
Concen: 11.056 ppbv
RT: 4.41 min Scan# 504
Delta R.T. 0.01 min
Lab File: VL037126.D
Acq: 8 Jun 2021 9:34

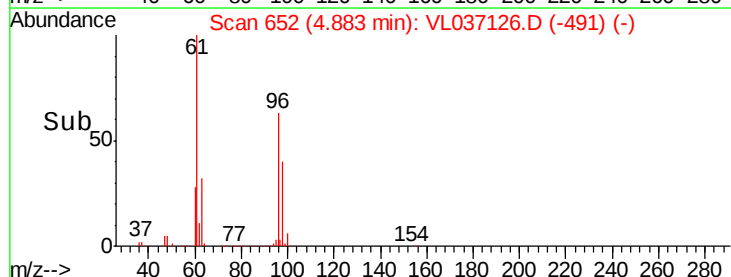
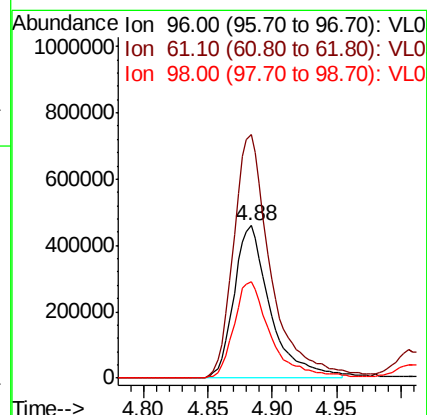
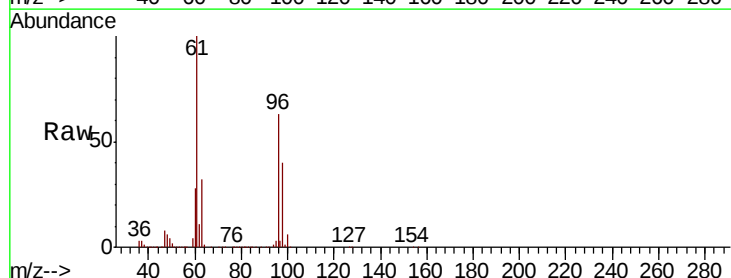
Instrument :
MSVOA_L
ClientSampled :

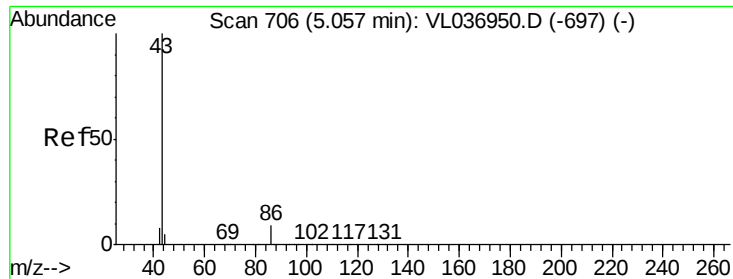
Tot Ion: 41 Resp: 1224370
Ion Ratio Lower Upper
41 100
76 31.4 24.9 37.3
39 83.3 63.7 95.5



#22
trans-1,2-Dichloroethene
Concen: 12.683 ppbv
RT: 4.88 min Scan# 652
Delta R.T. 0.02 min
Lab File: VL037126.D
Acq: 8 Jun 2021 9:34

Tgt Ion: 96 Resp: 901033
Ion Ratio Lower Upper
96 100
61 159.5 130.6 196.0
98 63.6 50.8 76.2



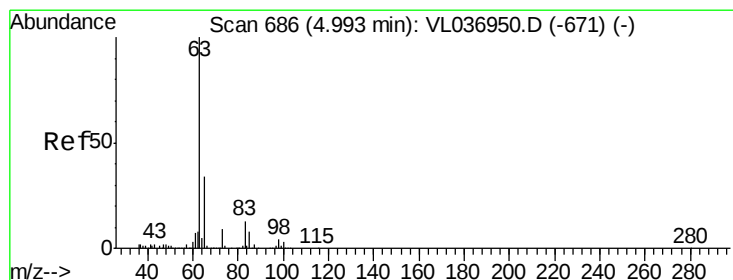
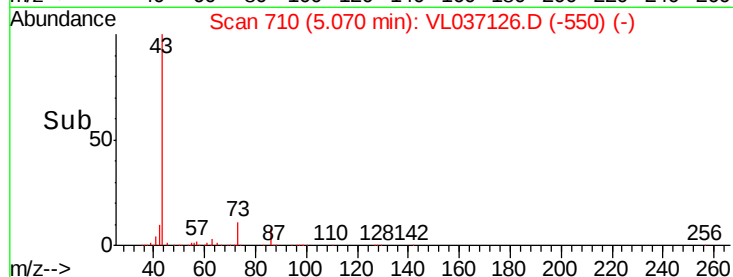
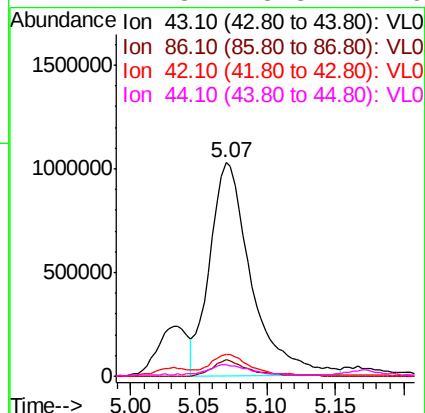
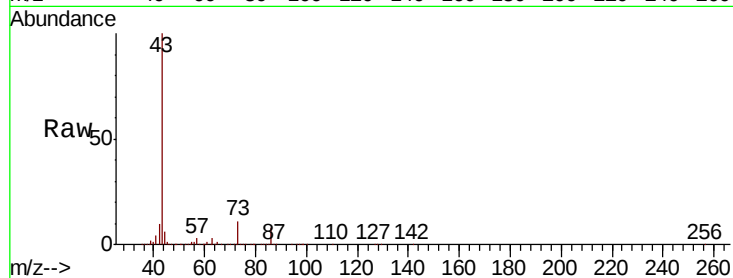


#23
 Vinyl Acetate
 Concen: 9.268 ppbv
 RT: 5.07 min Scan# 710
 Delta R.T. 0.01 min
 Lab File: VL037126.D
 Acq: 8 Jun 2021 9:34

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion: 43 Resp: 2159572

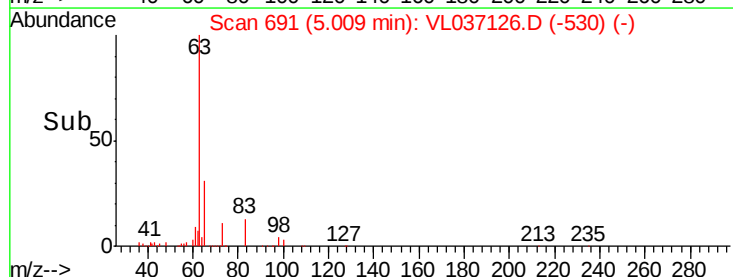
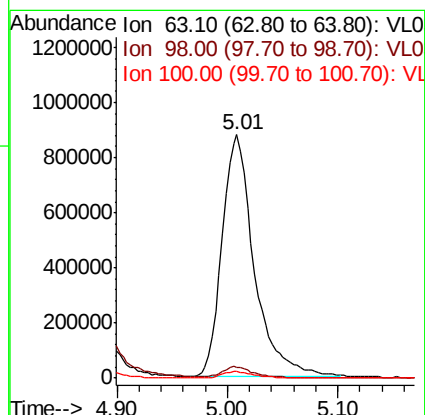
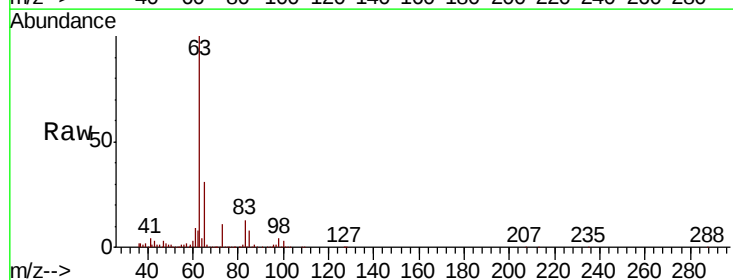
Ion	Ratio	Lower	Upper
43	100		
86	7.6	5.8	8.8
42	9.8	7.4	11.2
44	4.8	3.3	4.9

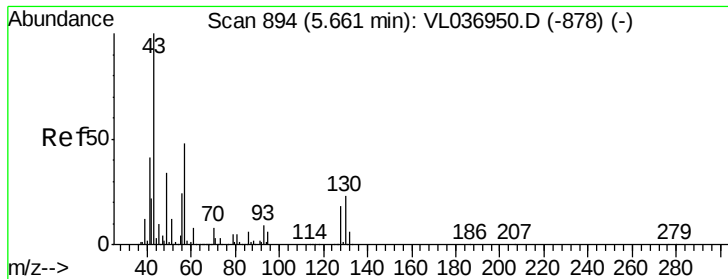


#24
 1,1-Dichloroethane
 Concen: 10.597 ppbv
 RT: 5.01 min Scan# 691
 Delta R.T. 0.02 min
 Lab File: VL037126.D
 Acq: 8 Jun 2021 9:34

Tgt Ion: 63 Resp: 1777354

Ion	Ratio	Lower	Upper
63	100		
98	4.2	2.3	6.9
100	2.8	1.4	4.0

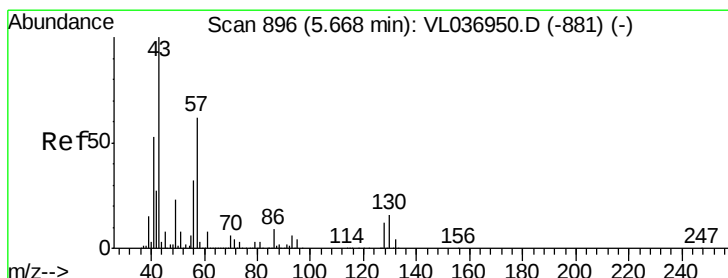
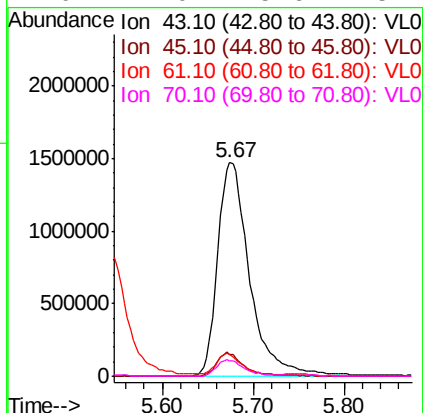
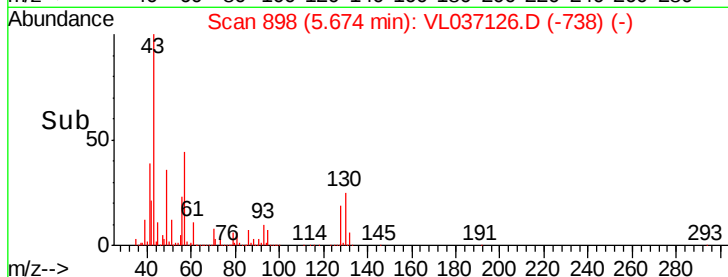
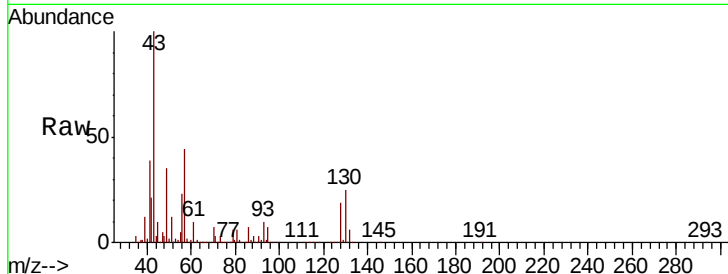




#25
Ethyl Acetate
Concen: 10.106 ppbv
RT: 5.67 min Scan# 898
Delta R.T. 0.01 min
Lab File: VL037126.D
Acq: 8 Jun 2021 9:34

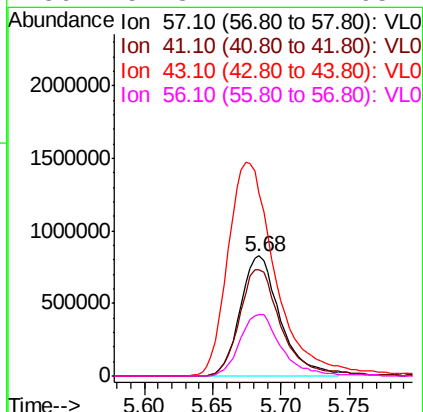
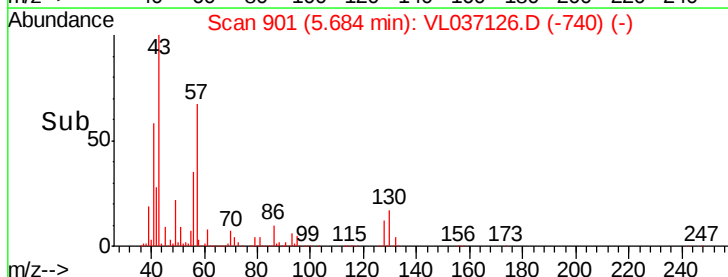
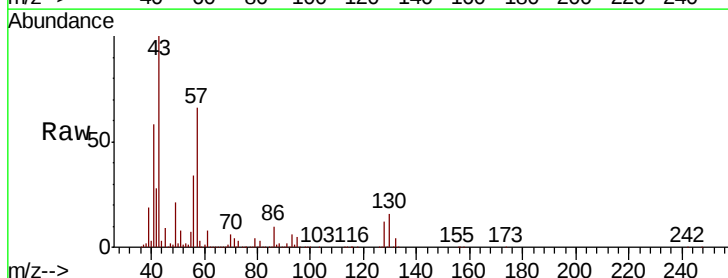
Instrument :
MSVOA_L
ClientSampleId :

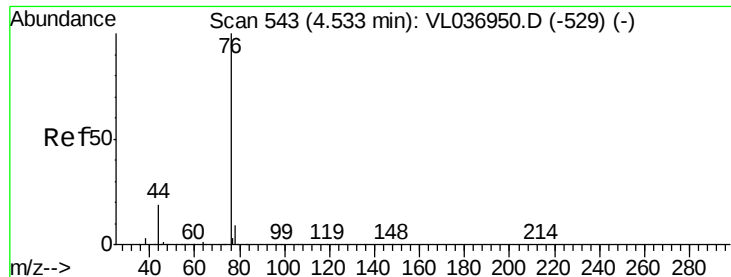
Tot Ion:	43	Resp:	3564800
Ion	Ratio	Lower	Upper
43	100		
45	9.7	7.8	11.8
61	9.8	7.8	11.8
70	7.0	5.6	8.4



#26
Hexane
Concen: 9.339 ppbv
RT: 5.68 min Scan# 901
Delta R.T. 0.02 min
Lab File: VL037126.D
Acq: 8 Jun 2021 9:34

Tgt Ion:	57	Resp:	1683016
Ion	Ratio	Lower	Upper
57	100		
41	94.3	70.5	105.7
43	214.3	165.8	248.8
56	54.3	42.2	63.4





#27

Carbon Disulfide

Concen: 11.157 ppbv

RT: 4.55 min Scan# 547

Delta R.T. 0.01 min

Lab File: VL037126.D

Acq: 8 Jun 2021 9:34

Instrument :

MSVOA_L

ClientSampleId :

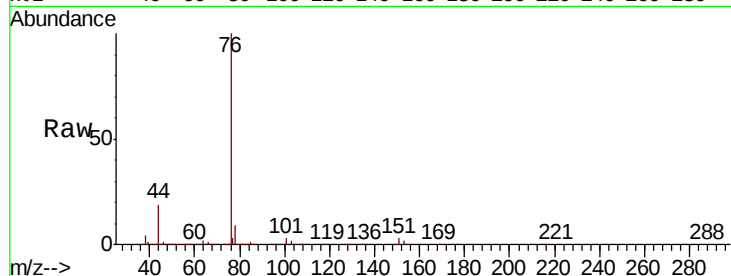
Tot Ion: 76 Resp: 2026370

Ion Ratio Lower Upper

76 100

44 19.2 15.5 23.3

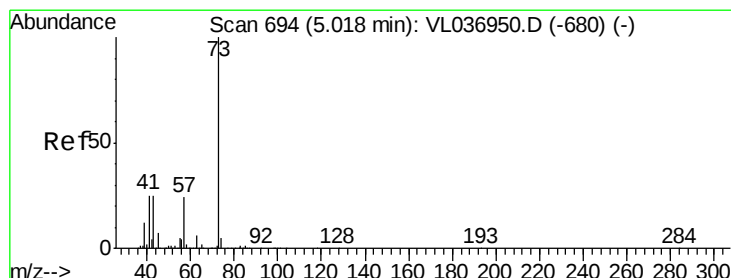
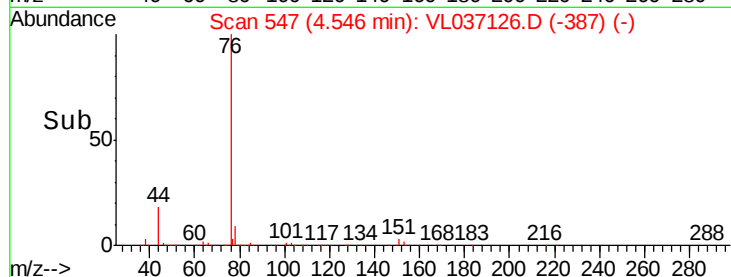
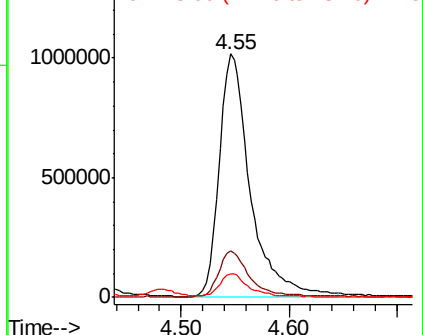
78 9.9 7.8 11.6



Abundance Ion 76.00 (75.70 to 76.70): VL0

Ion 44.10 (43.80 to 44.80): VL0

Ion 78.00 (77.70 to 78.70): VL0



#28

Methyl tert-Butyl Ether

Concen: 9.030 ppbv

RT: 5.03 min Scan# 698

Delta R.T. 0.01 min

Lab File: VL037126.D

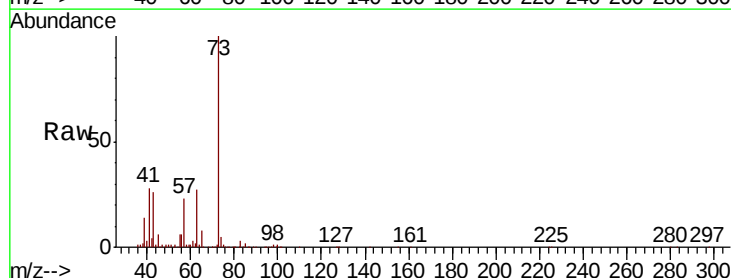
Acq: 8 Jun 2021 9:34

Tgt Ion: 73 Resp: 1950577

Ion Ratio Lower Upper

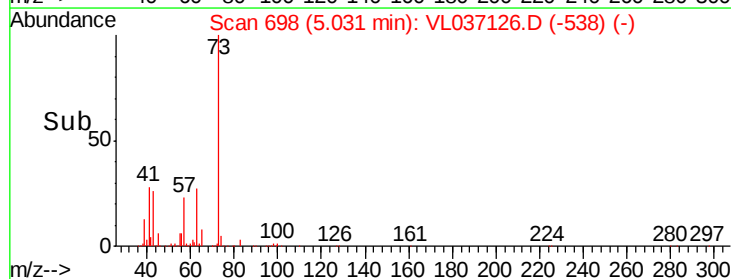
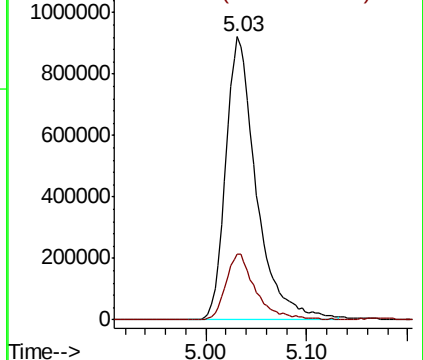
73 100

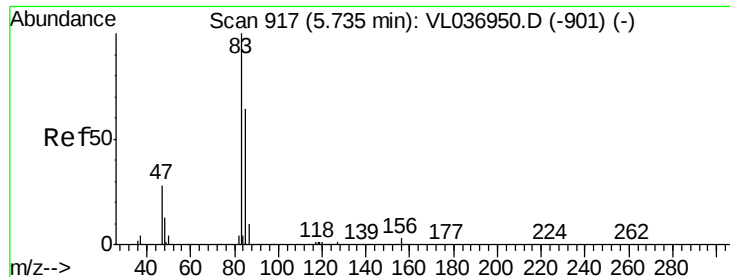
57 23.2 18.3 27.5



Abundance Ion 73.10 (72.80 to 73.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

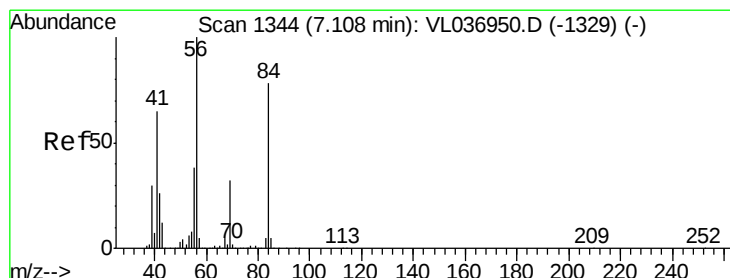
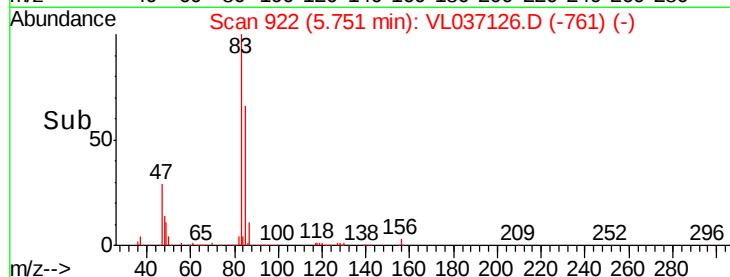
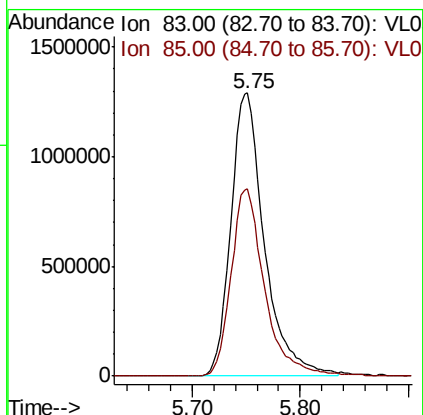
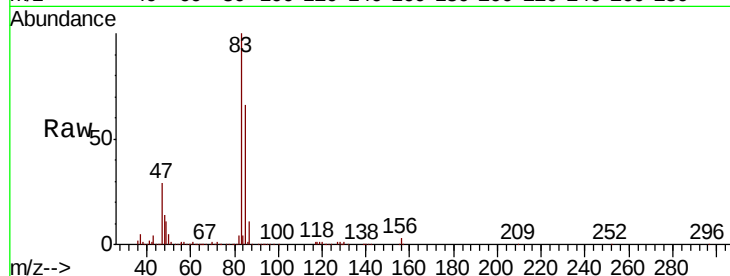




#29
Chloroform
Concen: 10.979 ppbv
RT: 5.75 min Scan# 922
Delta R.T. 0.02 min
Lab File: VL037126.D
Acq: 8 Jun 2021 9:34

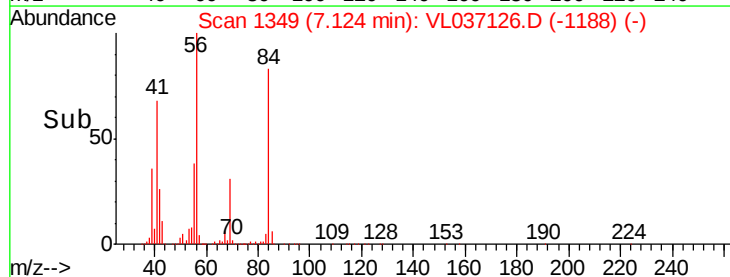
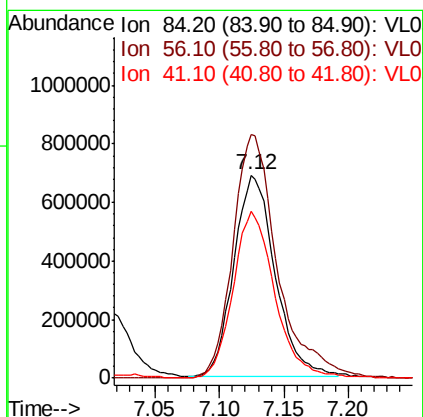
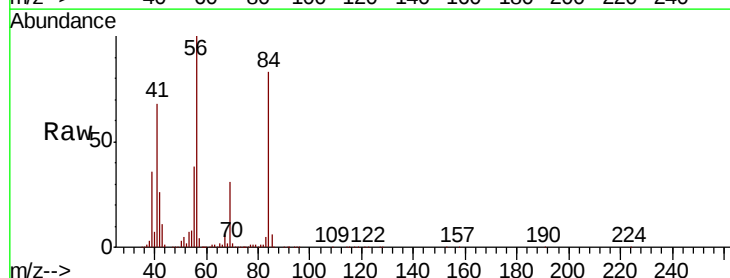
Instrument :
MSVOA_L
ClientSampled :

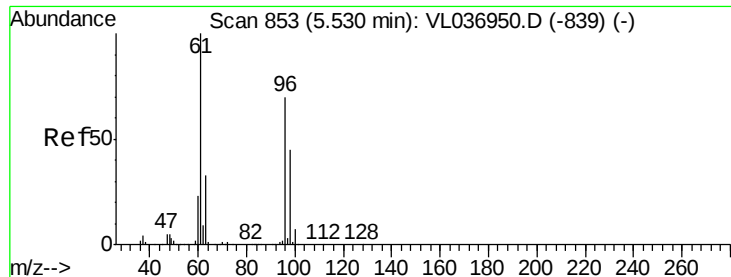
Tot Ion: 83 Resp: 2795087
Ion Ratio Lower Upper
83 100
85 66.0 51.1 76.7



#30
Cyclohexane
Concen: 10.002 ppbv
RT: 7.12 min Scan# 1349
Delta R.T. 0.02 min
Lab File: VL037126.D
Acq: 8 Jun 2021 9:34

Tgt Ion: 84 Resp: 1531716
Ion Ratio Lower Upper
84 100
56 131.8 107.9 161.9
41 84.0 65.5 98.3



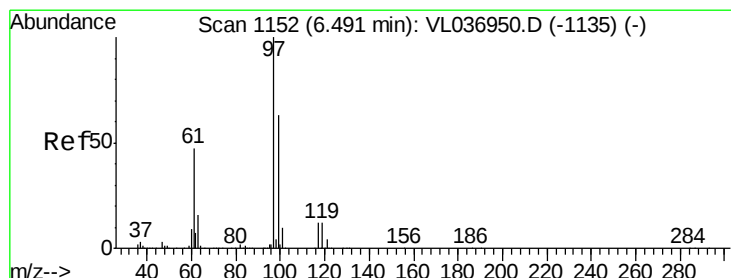
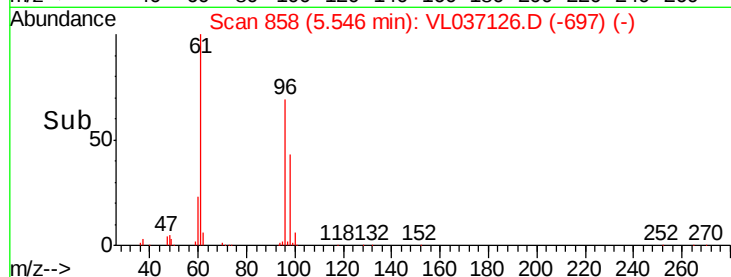
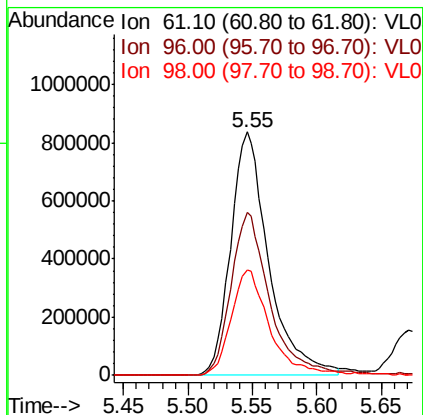
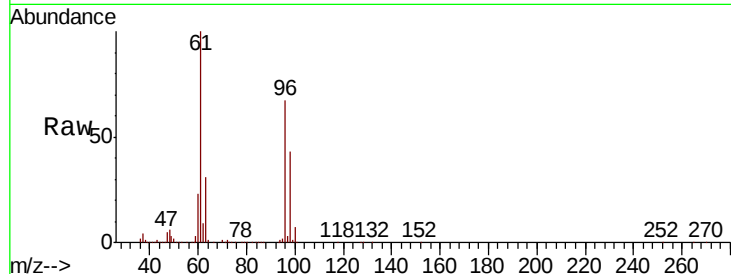


#31

cis-1,2-Dichloroethene
 Concen: 10.572 ppbv
 RT: 5.55 min Scan# 858
 Delta R.T. 0.02 min
 Lab File: VL037126.D
 Acq: 8 Jun 2021 9:34

Instrument :
 MSVOA_L
 ClientSampleId :

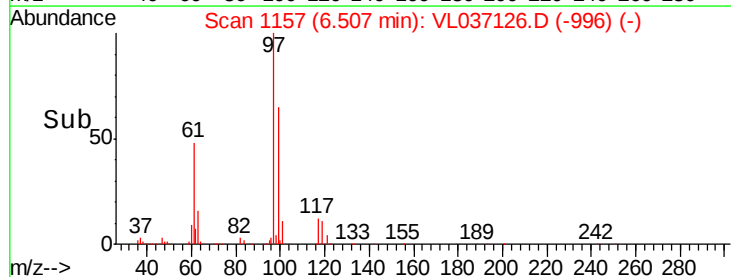
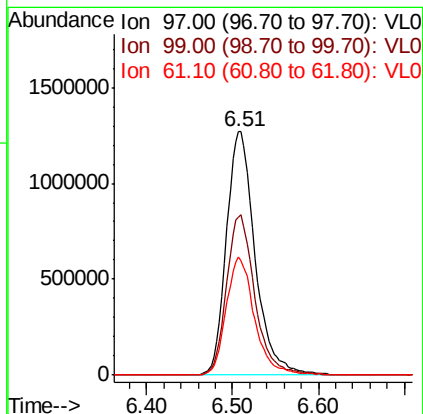
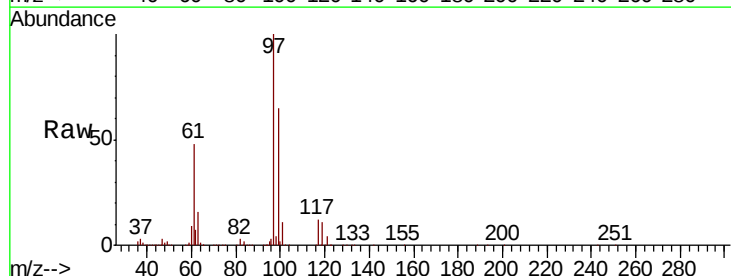
Tot Ion: 61 Resp: 1708166
 Ion Ratio Lower Upper
 61 100
 96 66.8 55.9 83.9
 98 43.5 35.6 53.4

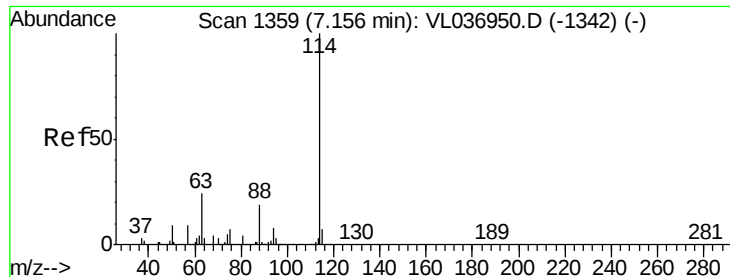


#32

1,1,1-Trichloroethane
 Concen: 10.784 ppbv
 RT: 6.51 min Scan# 1157
 Delta R.T. 0.02 min
 Lab File: VL037126.D
 Acq: 8 Jun 2021 9:34

Tgt Ion: 97 Resp: 2948237
 Ion Ratio Lower Upper
 97 100
 99 65.1 51.9 77.9
 61 47.7 37.6 56.4

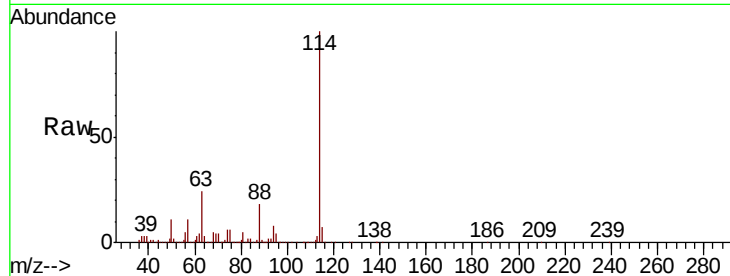




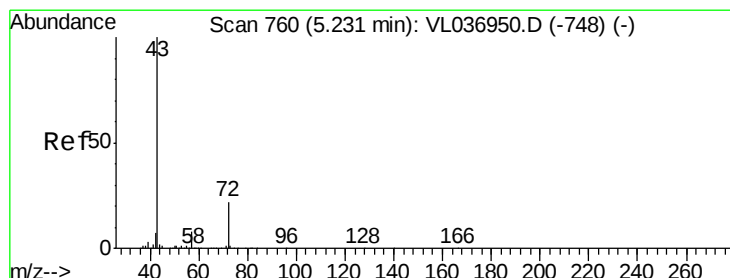
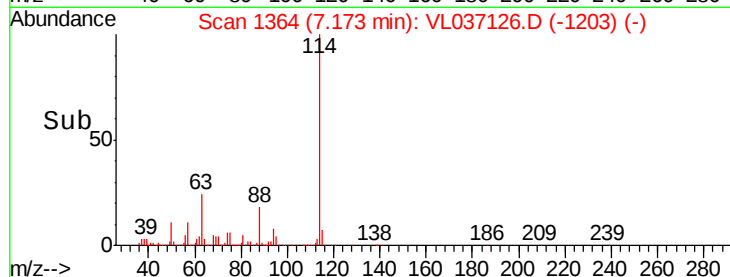
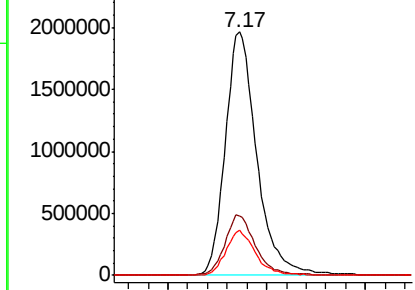
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1364
 Delta R.T. 0.02 min
 Lab File: VL037126.D
 Acq: 8 Jun 2021 9:34

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion:114 Resp: 4385143
 Ion Ratio Lower Upper
 114 100
 63 24.4 19.6 29.4
 88 17.5 14.6 21.8

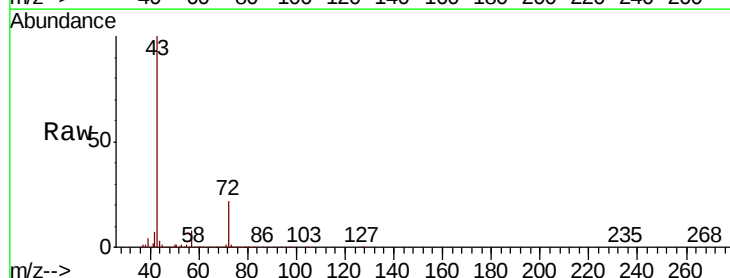


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

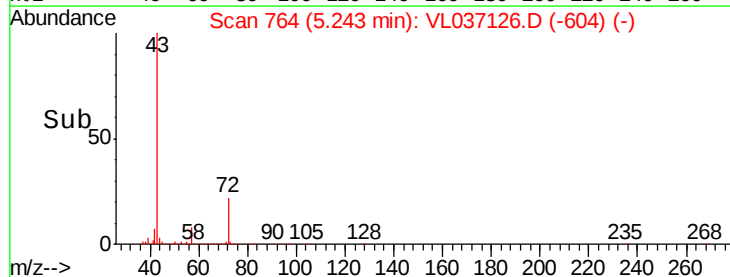
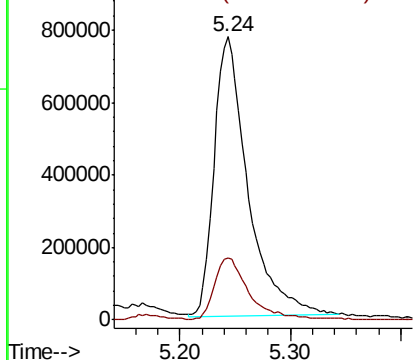


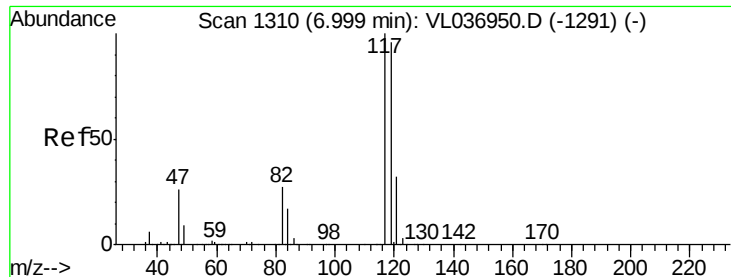
#34
 2-Butanone
 Concen: 10.244 ppbv
 RT: 5.24 min Scan# 764
 Delta R.T. 0.01 min
 Lab File: VL037126.D
 Acq: 8 Jun 2021 9:34

Tgt Ion: 43 Resp: 1635636
 Ion Ratio Lower Upper
 43 100
 72 23.0 19.0 28.4



Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 72.10 (71.80 to 72.80): VL0

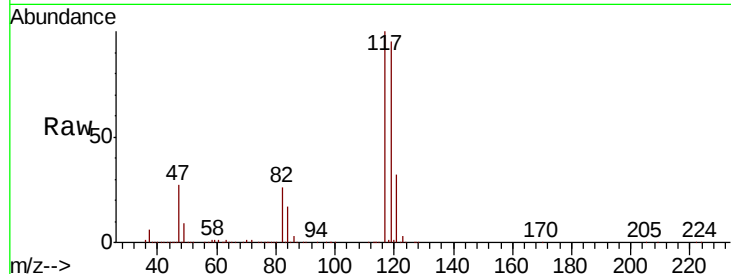




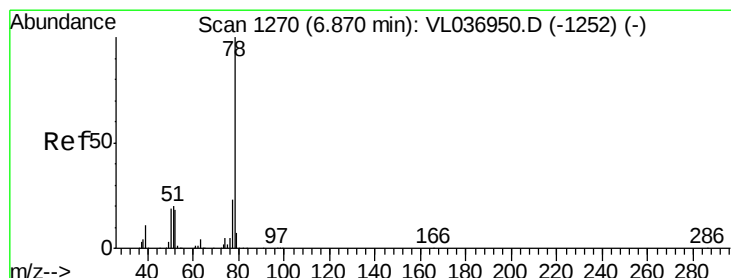
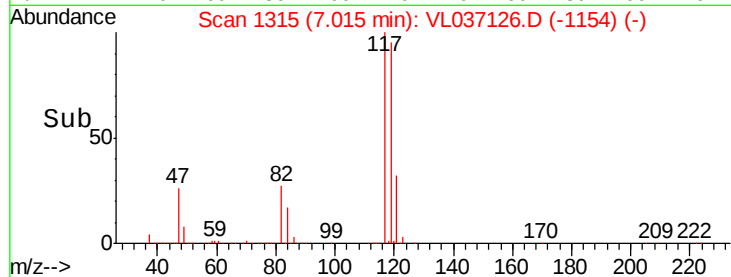
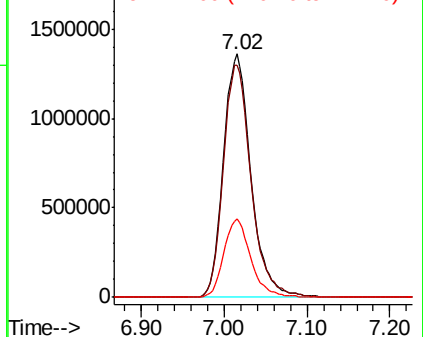
#35
Carbon Tetrachloride
Concen: 10.755 ppbv
RT: 7.02 min Scan# 1315
Delta R.T. 0.02 min
Lab File: VL037126.D
Acq: 8 Jun 2021 9:34

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:117 Resp: 3133660
Ion Ratio Lower Upper
117 100
119 95.3 76.6 114.8
121 32.1 25.8 38.6

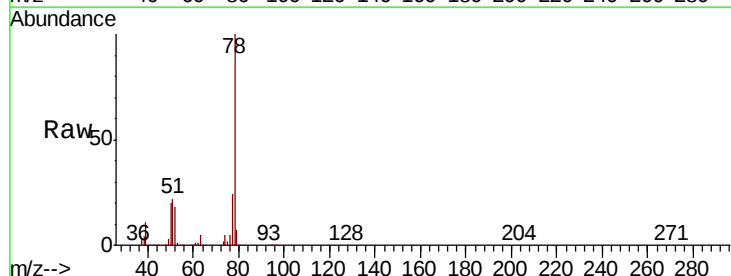


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V

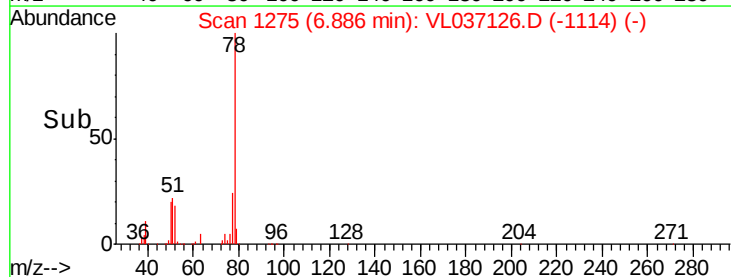
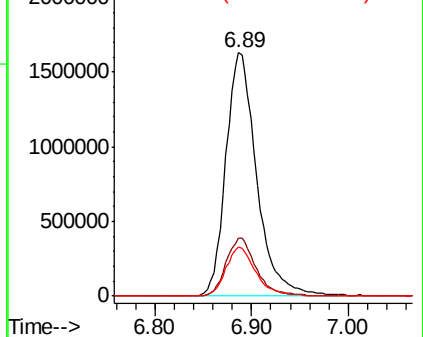


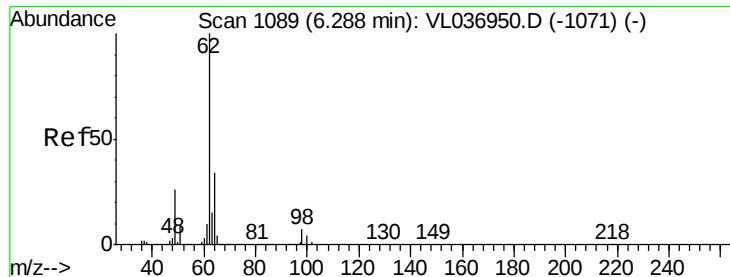
#36
Benzene
Concen: 9.542 ppbv
RT: 6.89 min Scan# 1275
Delta R.T. 0.02 min
Lab File: VL037126.D
Acq: 8 Jun 2021 9:34

Tgt Ion: 78 Resp: 3604261
Ion Ratio Lower Upper
78 100
77 23.7 18.6 28.0
50 20.1 15.0 22.4



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

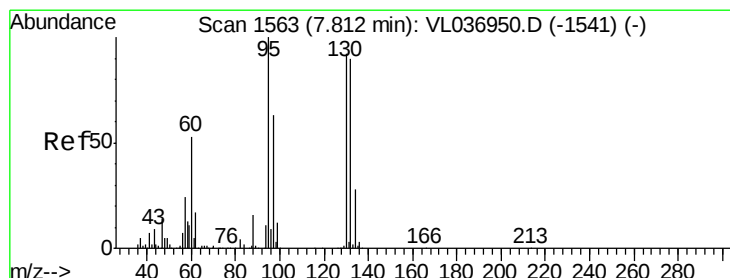
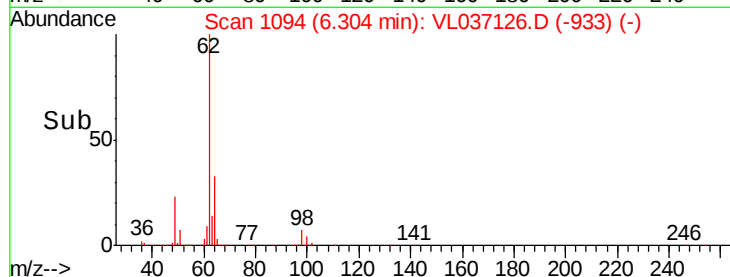
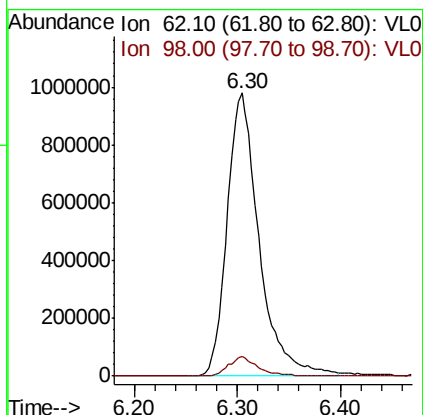
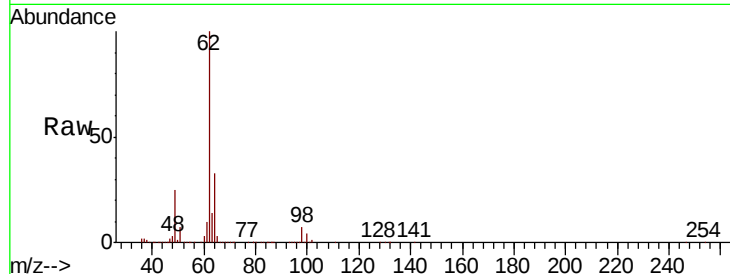




#37
 1,2-Dichloroethane
 Concen: 11.290 ppbv
 RT: 6.30 min Scan# 1094
 Delta R.T. 0.02 min
 Lab File: VL037126.D
 Acq: 8 Jun 2021 9:34

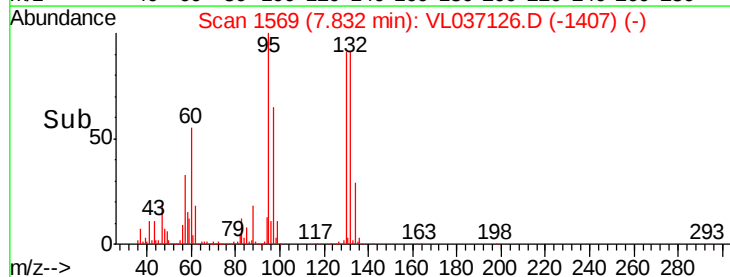
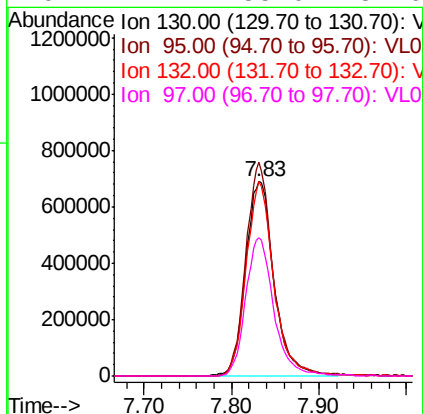
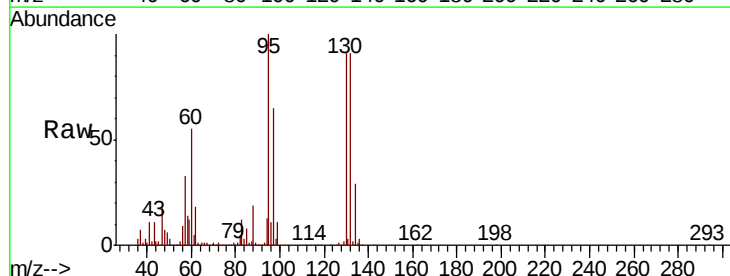
Instrument :
 MSVOA_L
 ClientSampled :

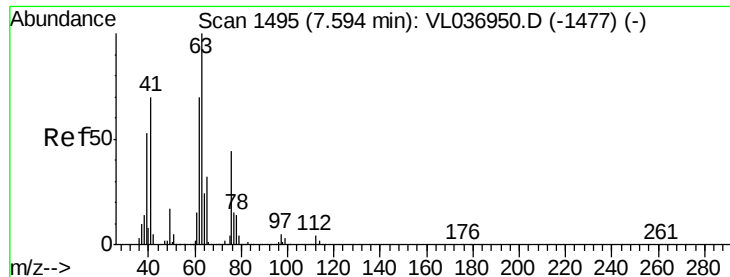
Tot Ion: 62 Resp: 2114312
 Ion Ratio Lower Upper
 62 100
 98 6.5 5.5 8.3



#38
 Trichloroethene
 Concen: 9.628 ppbv
 RT: 7.83 min Scan# 1569
 Delta R.T. 0.02 min
 Lab File: VL037126.D
 Acq: 8 Jun 2021 9:34

Tgt Ion: 130 Resp: 1555717
 Ion Ratio Lower Upper
 130 100
 95 109.9 86.9 130.3
 132 99.8 78.4 117.6
 97 71.4 55.0 82.6





#39

1,2-Dichloropropane

Concen: 9.449 ppbv

RT: 7.61 min Scan# 1500

Delta R.T. 0.02 min

Lab File: VL037126.D

Acq: 8 Jun 2021 9:34

Instrument :

MSVOA_L

ClientSampleId :

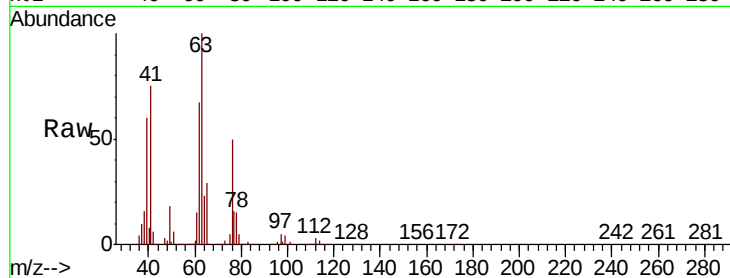
Tot Ion: 63 Resp: 1374884

Ion Ratio Lower Upper

63 100

41 74.9 55.7 83.5

62 67.2 56.2 84.4



Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0

800000

600000

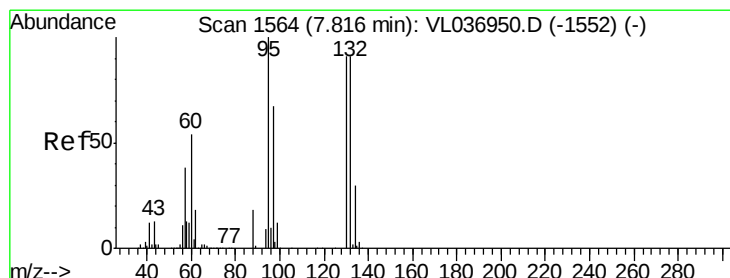
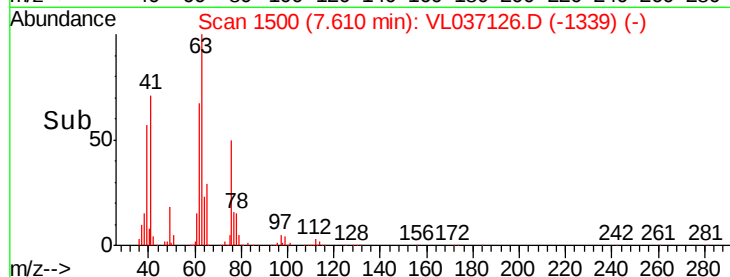
400000

200000

0

7.50 7.55 7.60 7.65 7.70

Time-->



#40

1,4-Dioxane

Concen: 10.390 ppbv

RT: 7.83 min Scan# 1569

Delta R.T. 0.02 min

Lab File: VL037126.D

Acq: 8 Jun 2021 9:34

Tgt Ion: 88 Resp: 356949

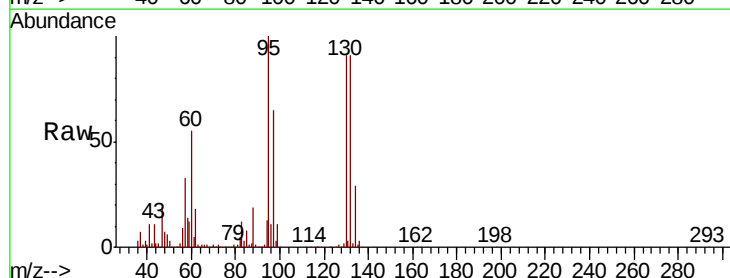
Ion Ratio Lower Upper

88 100

58 149.4 0.0 0.0#

43 376.5 0.0 0.0#

57 1667.3 0.0 0.0#



Abundance Ion 88.10 (87.80 to 88.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

3000000

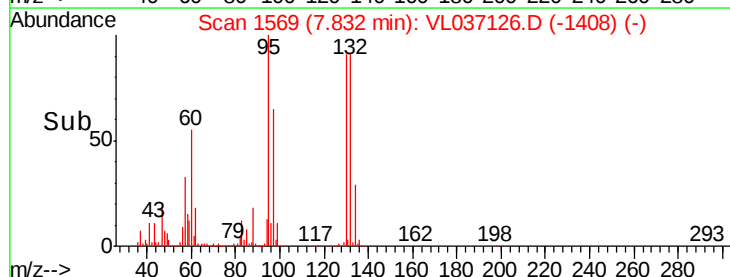
2000000

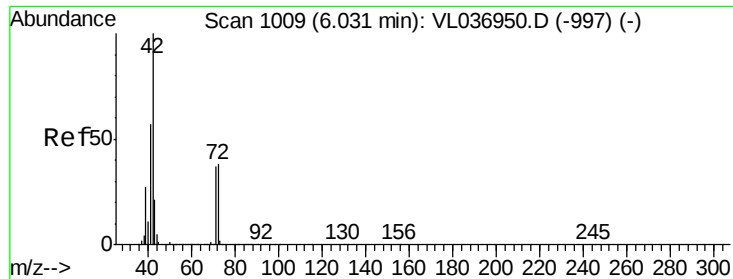
1000000

0

7.80 7.90

Time-->

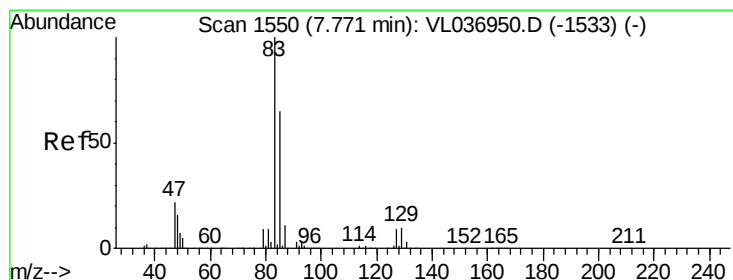
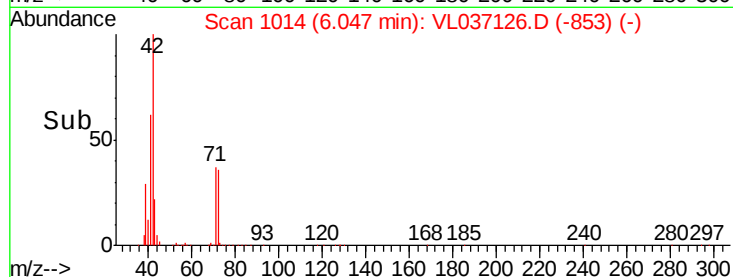
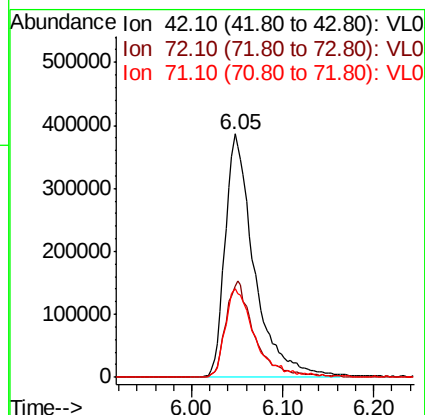
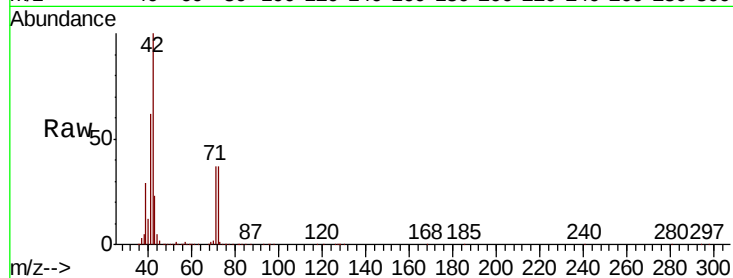




#41
Tetrahydrofuran
Concen: 9.444 ppbv
RT: 6.05 min Scan# 1014
Delta R.T. 0.02 min
Lab File: VL037126.D
Acq: 8 Jun 2021 9:34

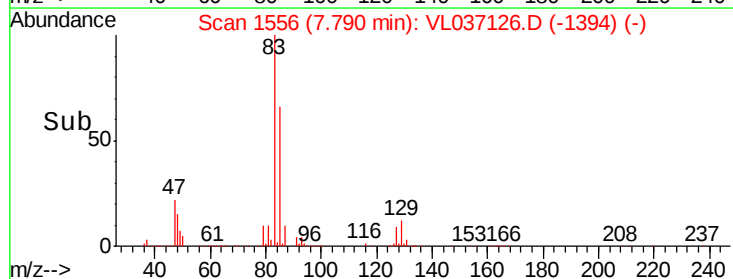
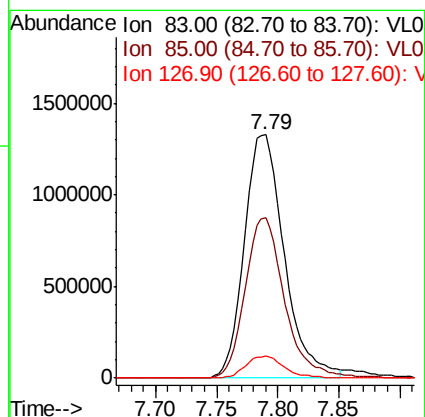
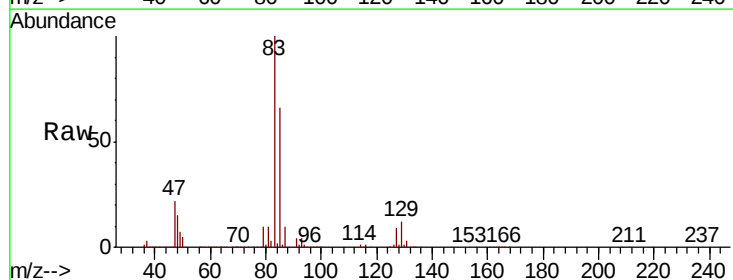
Instrument :
MSVOA_L
ClientSampled :

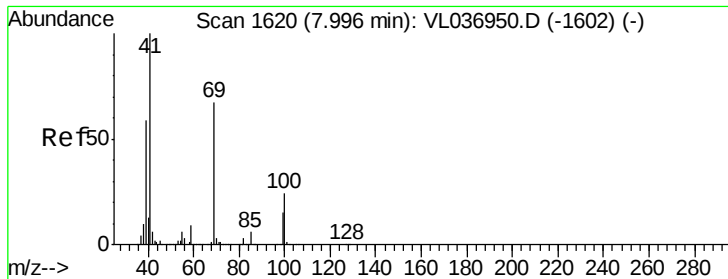
Tot Ion: 42 Resp: 858875
Ion Ratio Lower Upper
42 100
72 39.6 31.4 47.2
71 37.8 30.4 45.6



#42
Bromodichloromethane
Concen: 10.598 ppbv
RT: 7.79 min Scan# 1556
Delta R.T. 0.02 min
Lab File: VL037126.D
Acq: 8 Jun 2021 9:34

Tgt Ion: 83 Resp: 3002546
Ion Ratio Lower Upper
83 100
85 66.1 51.7 77.5
127 9.3 6.9 10.3

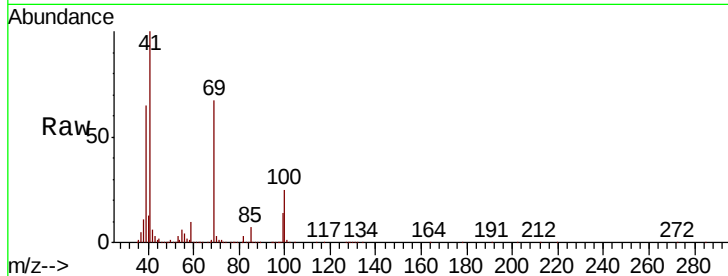




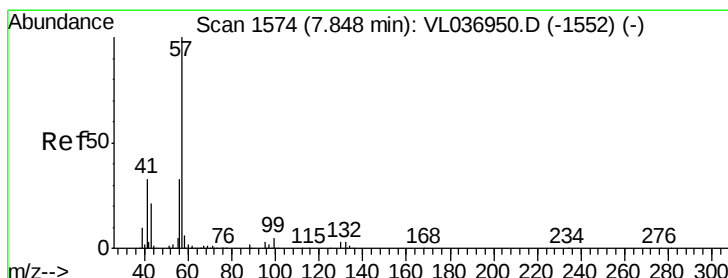
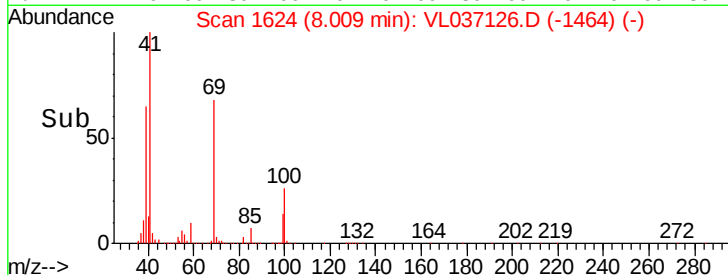
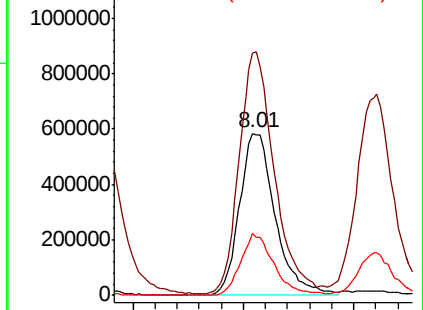
#43
Methvl Methacrilate
Concen: 10.066 ppbv
RT: 8.01 min Scan# 1624
Delta R.T. 0.01 min
Lab File: VL037126.D
Acq: 8 Jun 2021 9:34

Instrument :
MSVOA_L
ClientSampled :

Tot Ion: 69 Resp: 1310506
Ion Ratio Lower Upper
69 100
41 149.0 118.6 178.0
100 35.4 28.2 42.4

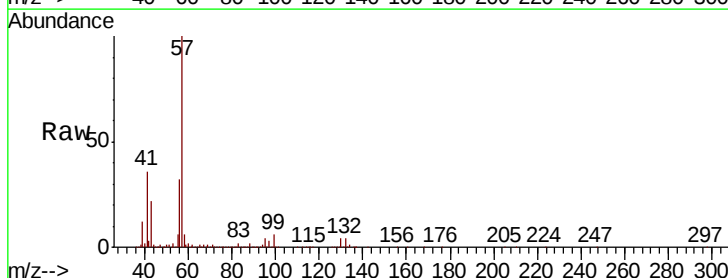


Abundance Ion 69.10 (68.80 to 69.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 100.10 (99.80 to 100.80): VL0

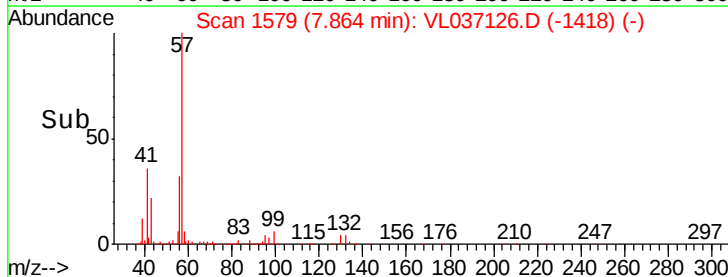
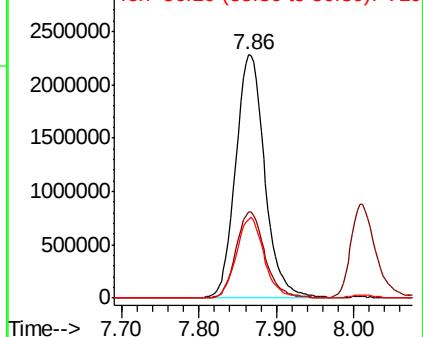


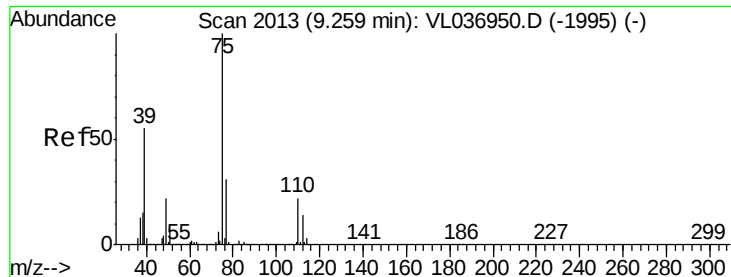
#44
2,2,4-Trimethylpentane
Concen: 9.180 ppbv
RT: 7.86 min Scan# 1579
Delta R.T. 0.02 min
Lab File: VL037126.D
Acq: 8 Jun 2021 9:34

Tgt Ion: 57 Resp: 5948981
Ion Ratio Lower Upper
57 100
41 35.0 27.0 40.4
56 31.7 25.4 38.2



Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 56.10 (55.80 to 56.80): VL0





#45

t-1,3-Dichloropropene

Concen: 10.511 ppbv

RT: 9.28 min Scan# 2018

Delta R.T. 0.02 min

Lab File: VL037126.D

Acq: 8 Jun 2021 9:34

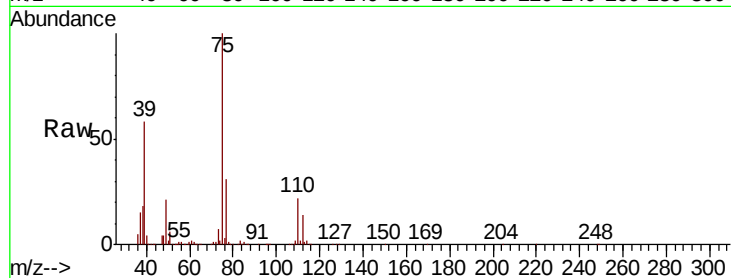
Instrument :
MSVOA_L
ClientSampled :

Tot Ion: 75 Resp: 1045413

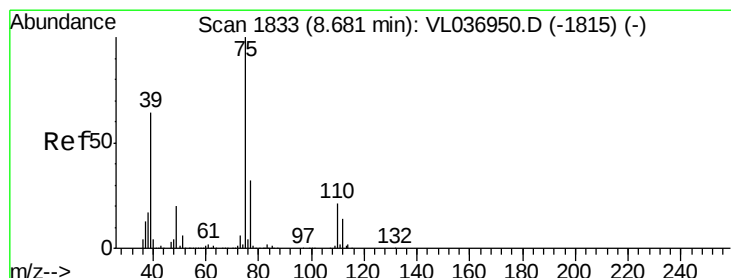
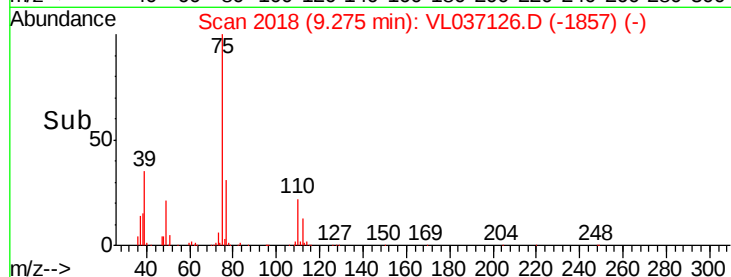
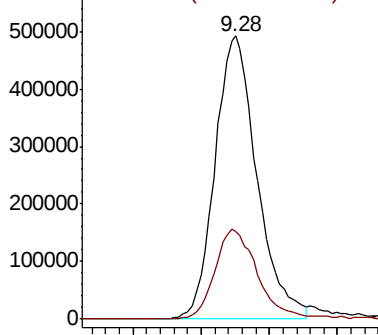
Ion Ratio Lower Upper

75 100

77 31.1 24.4 36.6



Abundance Ion 75.10 (74.80 to 75.80): VL0
Ion 77.10 (76.80 to 77.80): VL0



#46

cis-1,3-Dichloropropene

Concen: 10.296 ppbv

RT: 8.70 min Scan# 1839

Delta R.T. 0.02 min

Lab File: VL037126.D

Acq: 8 Jun 2021 9:34

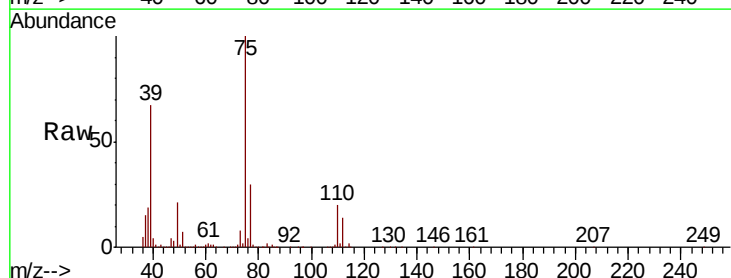
Tgt Ion: 75 Resp: 1377407

Ion Ratio Lower Upper

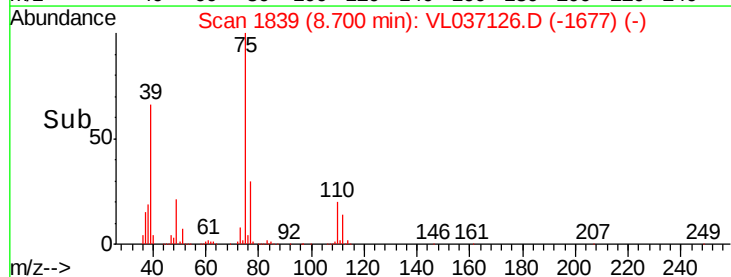
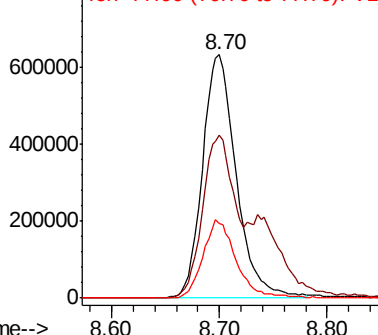
75 100

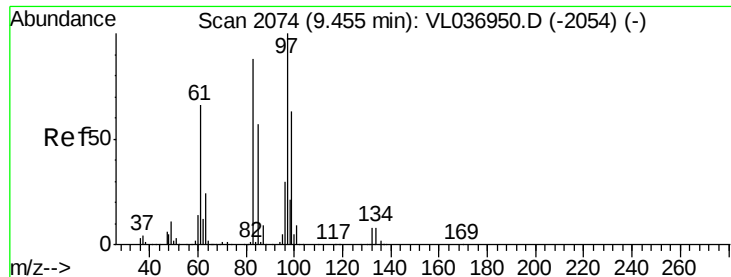
39 67.0 51.5 77.3

77 30.5 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VL0
Ion 39.00 (38.70 to 39.70): VL0
Ion 77.00 (76.70 to 77.70): VL0



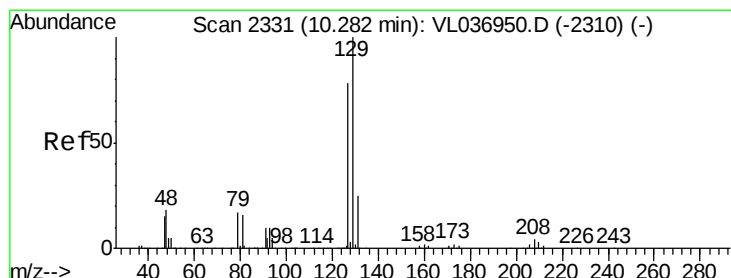
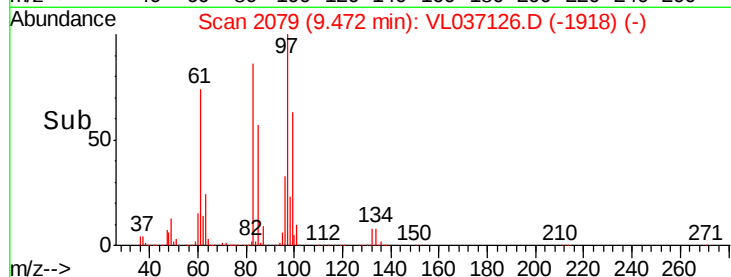
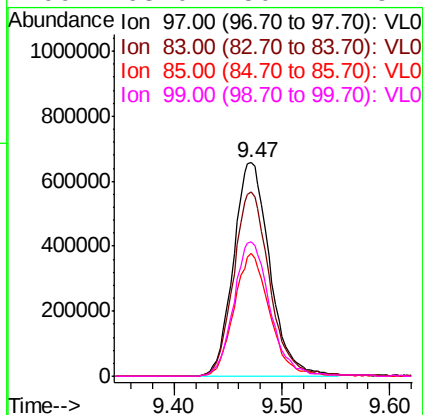
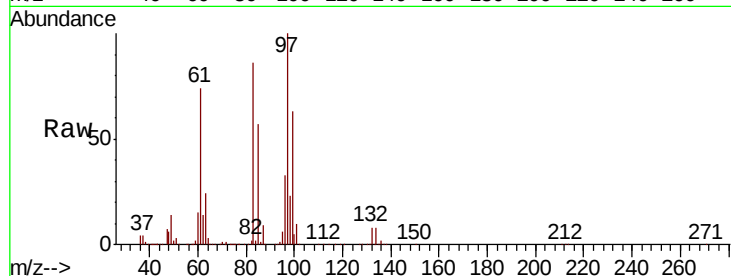


#47
 1,1,2-Trichloroethane
 Concen: 10.138 ppbv
 RT: 9.47 min Scan# 2079
 Delta R.T. 0.02 min
 Lab File: VL037126.D
 Acq: 8 Jun 2021 9:34

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion: 97 Resp: 1543836

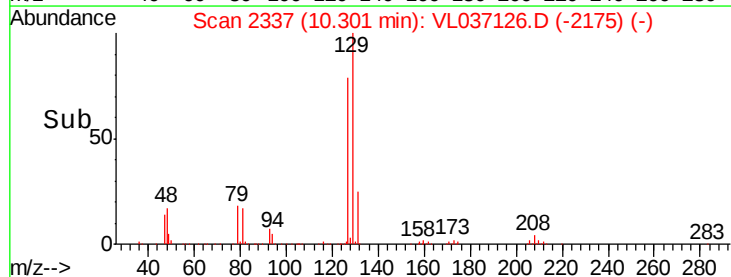
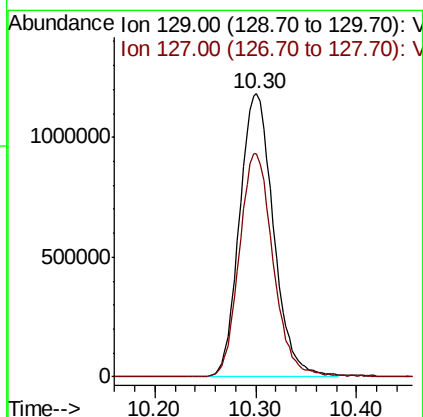
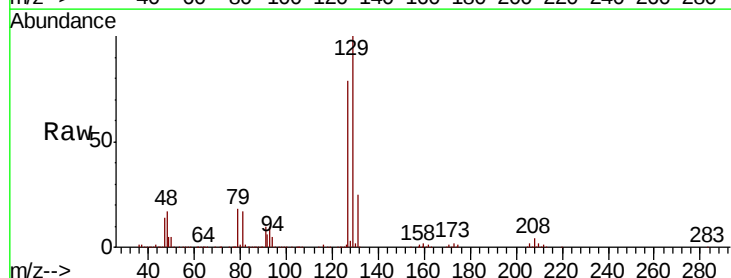
Ion	Ratio	Lower	Upper
97	100		
83	86.2	70.4	105.6
85	57.4	45.5	68.3
99	63.0	50.2	75.2

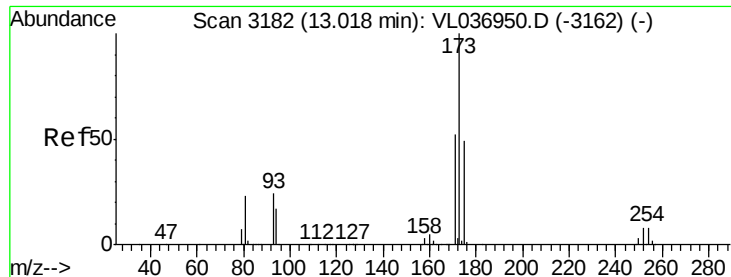


#48
 Dibromochloromethane
 Concen: 11.178 ppbv
 RT: 10.30 min Scan# 2337
 Delta R.T. 0.02 min
 Lab File: VL037126.D
 Acq: 8 Jun 2021 9:34

Tgt Ion: 129 Resp: 2756380

Ion	Ratio	Lower	Upper
129	100		
127	78.8	39.3	117.8





#49

Bromoform

Concen: 11.292 ppbv

RT: 13.04 min Scan# 3188

Delta R.T. 0.02 min

Lab File: VL037126.D

Acq: 8 Jun 2021 9:34

Instrument :

MSVOA_L

ClientSampleId :

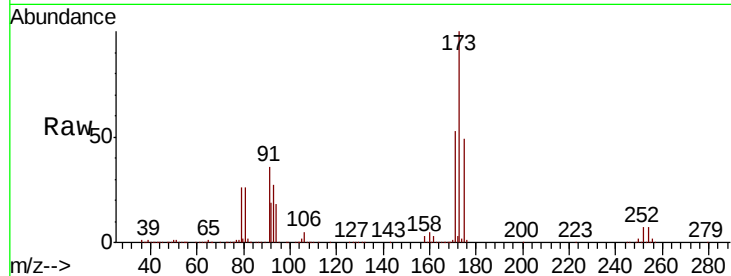
Tot Ion:173 Resp: 2299562

Ion Ratio Lower Upper

173 100

175 49.6 40.4 60.6

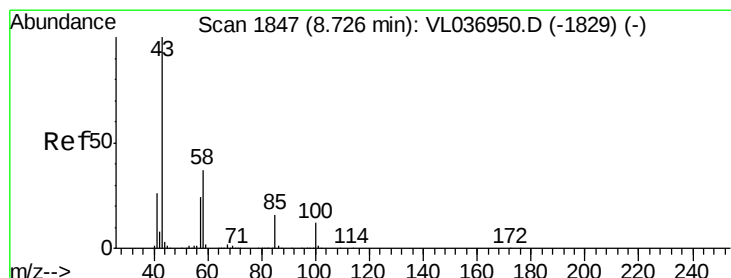
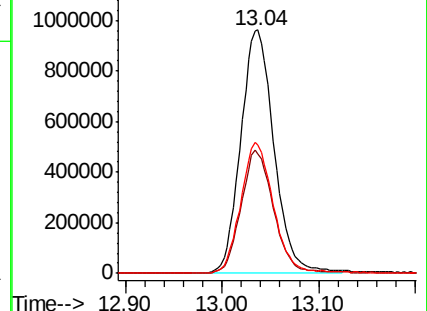
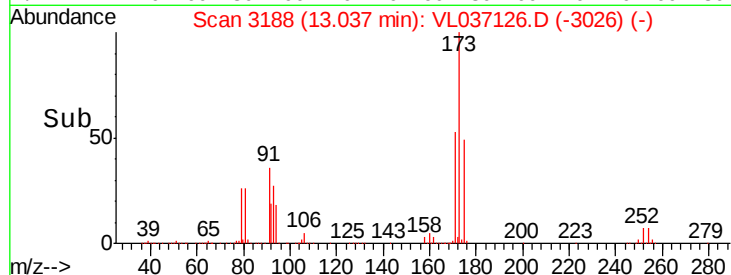
171 53.2 42.6 64.0



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: 9.694 ppbv

RT: 8.74 min Scan# 1852

Delta R.T. 0.02 min

Lab File: VL037126.D

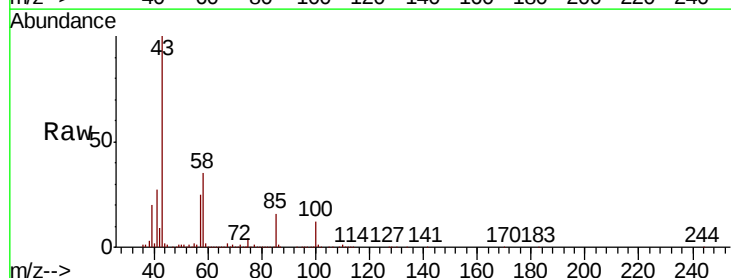
Acq: 8 Jun 2021 9:34

Tgt Ion: 43 Resp: 2554251

Ion Ratio Lower Upper

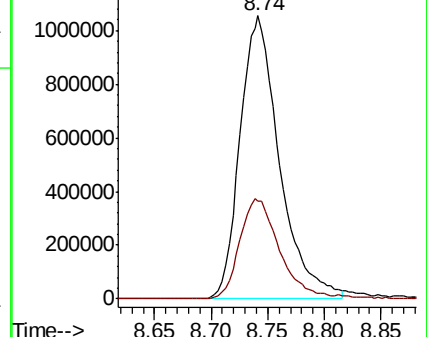
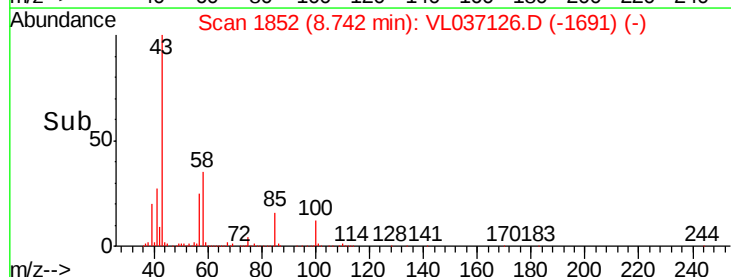
43 100

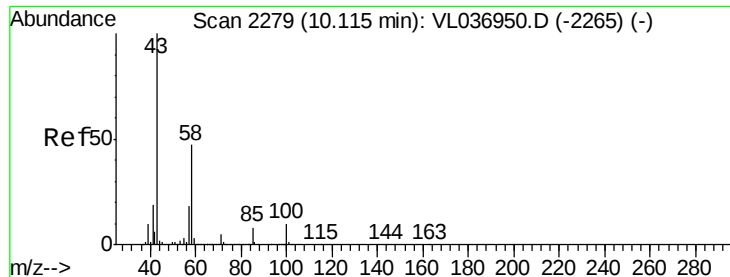
58 36.7 29.4 44.2



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





#51

2-Hexanone

Concen: 9.770 ppbv

RT: 10.13 min Scan# 2285

Delta R.T. 0.02 min

Lab File: VL037126.D

Acq: 8 Jun 2021 9:34

Instrument :

MSVOA_L

ClientSampled :

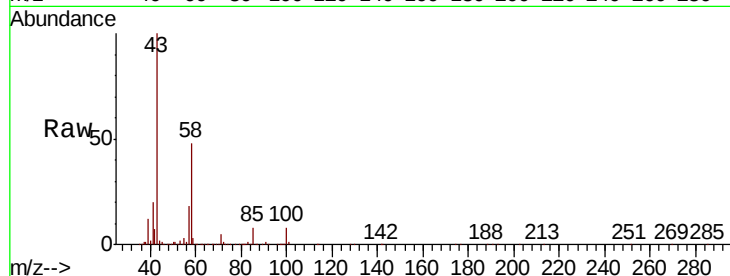
Tot Ion: 43 Resp: 1360941

Ion Ratio Lower Upper

43 100

58 48.5 41.1 61.7

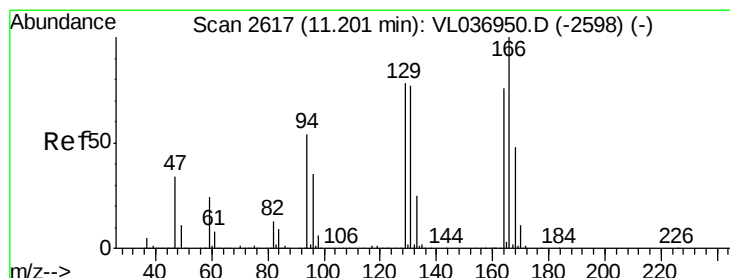
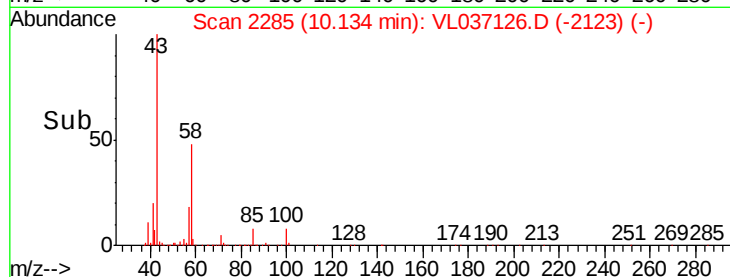
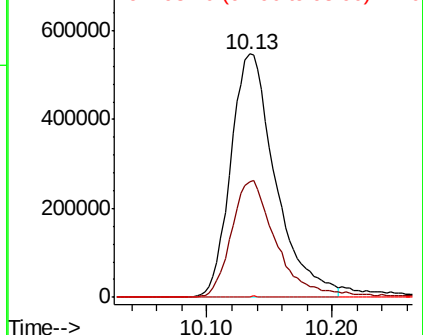
98 0.4 0.1 0.1#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

Ion 98.20 (97.90 to 98.90): VL0



#52

Tetrachloroethene

Concen: 10.047 ppbv

RT: 11.22 min Scan# 2622

Delta R.T. 0.02 min

Lab File: VL037126.D

Acq: 8 Jun 2021 9:34

Tgt Ion: 164 Resp: 1509057

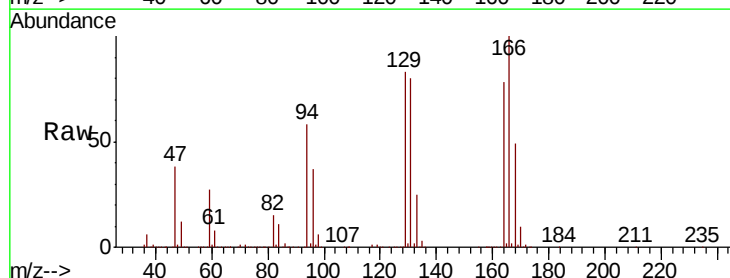
Ion Ratio Lower Upper

164 100

166 128.8 105.5 158.3

129 106.4 81.8 122.8

131 102.8 81.2 121.8

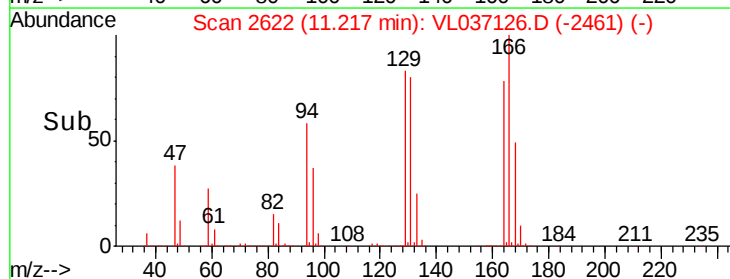
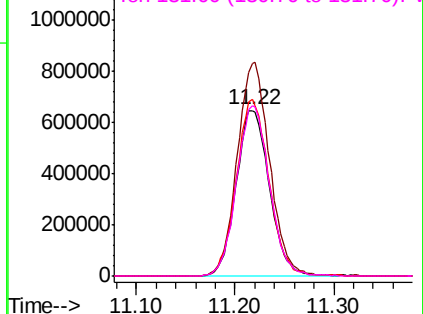


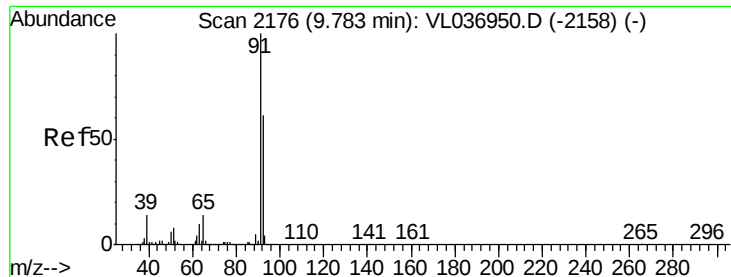
Abundance Ion 163.90 (163.60 to 164.60): V

Ion 165.90 (165.60 to 166.60): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V





#53

Toluene

Concen: 9.675 ppbv

RT: 9.80 min Scan# 2181

Delta R.T. 0.02 min

Lab File: VL037126.D

Acq: 8 Jun 2021 9:34

Instrument :

MSVOA_L

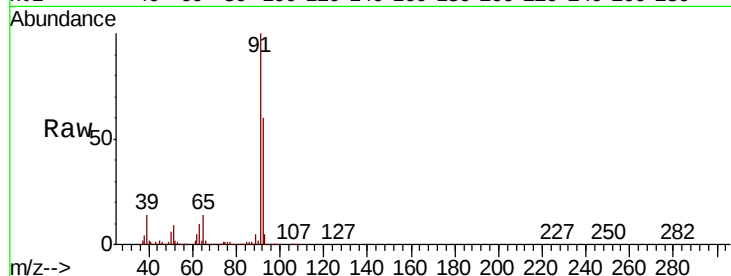
ClientSampled :

Tot Ion: 91 Resp: 4348357

Ion Ratio Lower Upper

91 100

92 60.6 49.5 74.3



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0

9.80

2000000

1500000

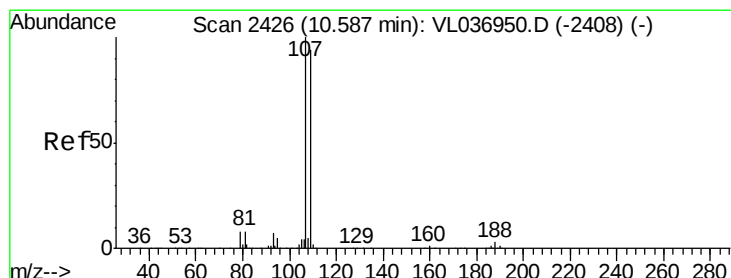
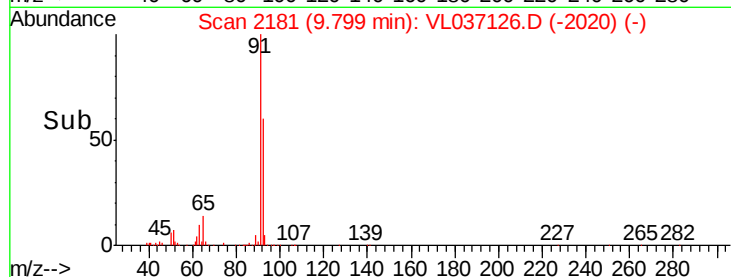
1000000

500000

0

Time-->

9.70 9.80 9.90



#54

1,2-Dibromoethane

Concen: 10.607 ppbv

RT: 10.61 min Scan# 2432

Delta R.T. 0.02 min

Lab File: VL037126.D

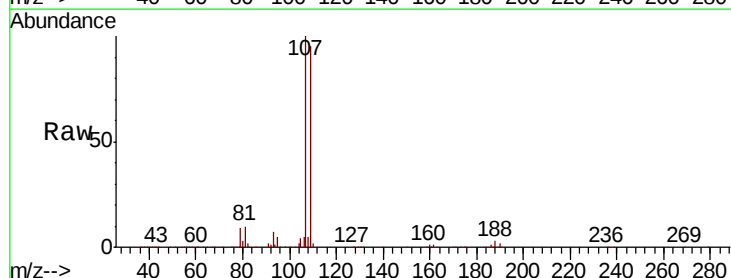
Acq: 8 Jun 2021 9:34

Tgt Ion: 107 Resp: 2296542

Ion Ratio Lower Upper

107 100

109 94.9 75.0 112.4



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

10.61

1000000

800000

600000

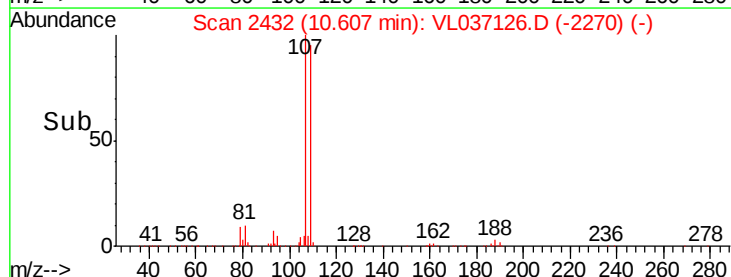
400000

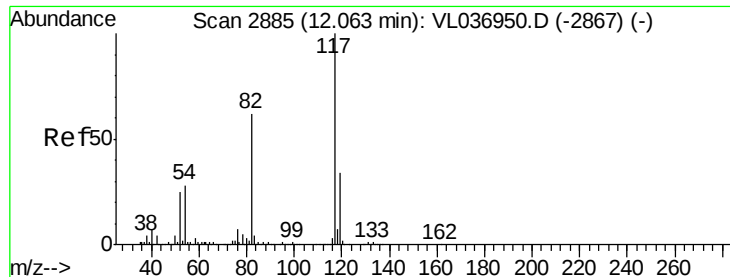
200000

0

Time-->

10.50 10.60 10.70

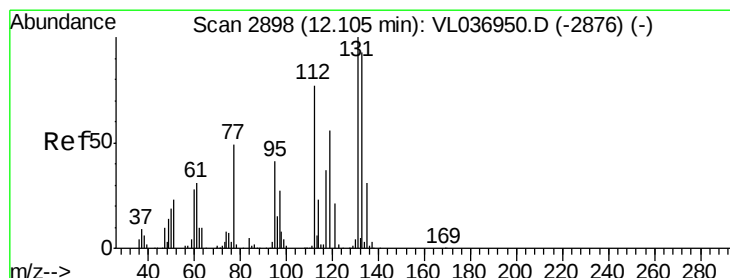
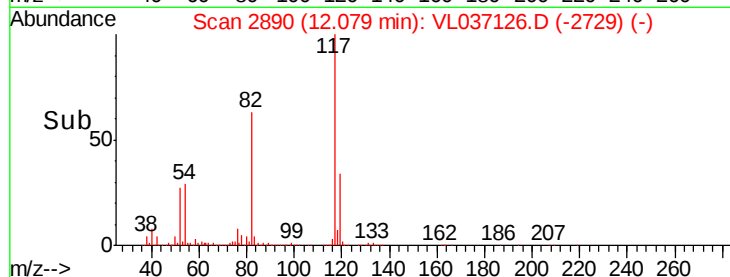
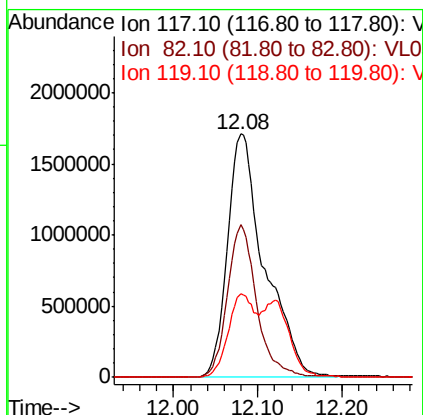
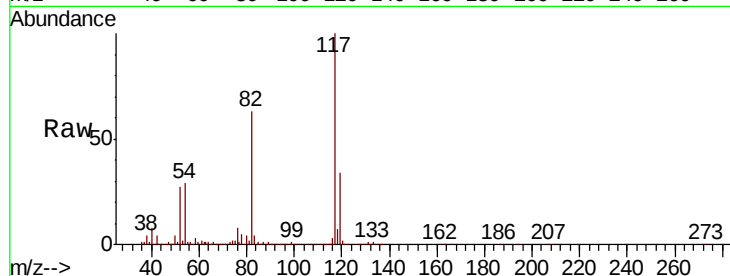




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2890
Delta R.T. 0.02 min
Lab File: VL037126.D
Acq: 8 Jun 2021 9:34

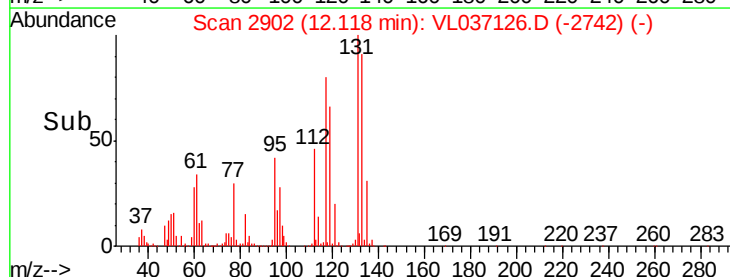
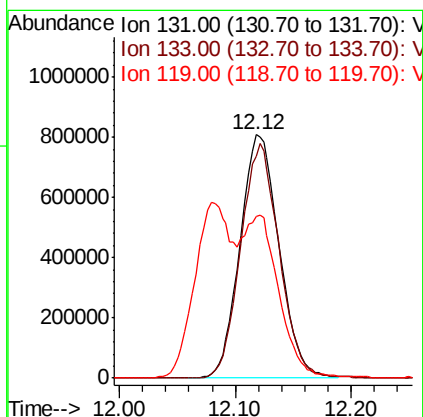
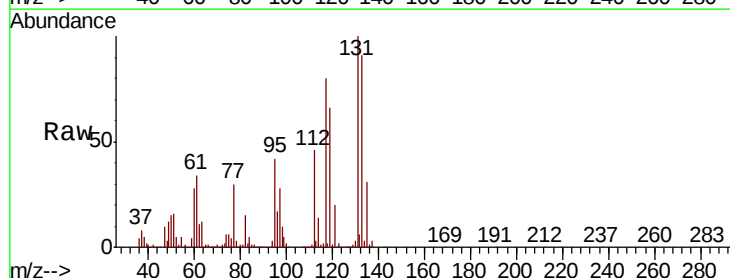
Instrument :
MSVOA_L
ClientSampled :

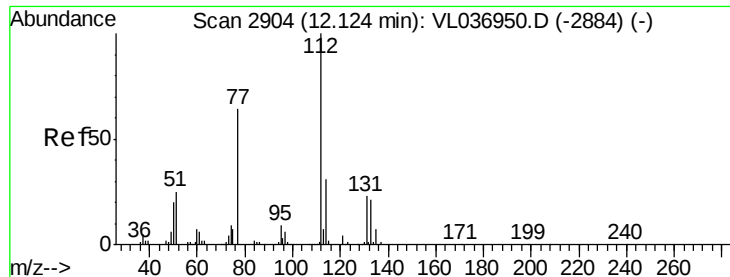
Tot Ion:117 Resp: 5238971
Ion Ratio Lower Upper
117 100
82 50.1 52.6 79.0#
119 25.3 46.6 70.0#



#56
1,1,1,2-Tetrachloroethane
Concen: 8.604 ppbv
RT: 12.12 min Scan# 2902
Delta R.T. 0.01 min
Lab File: VL037126.D
Acq: 8 Jun 2021 9:34

Tgt Ion:131 Resp: 1896749
Ion Ratio Lower Upper
131 100
133 95.5 76.9 115.3
119 62.5 120.2 180.4#

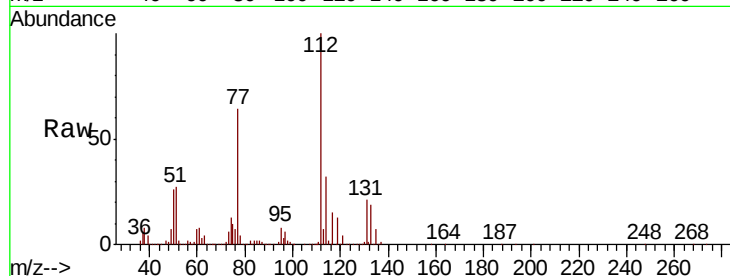




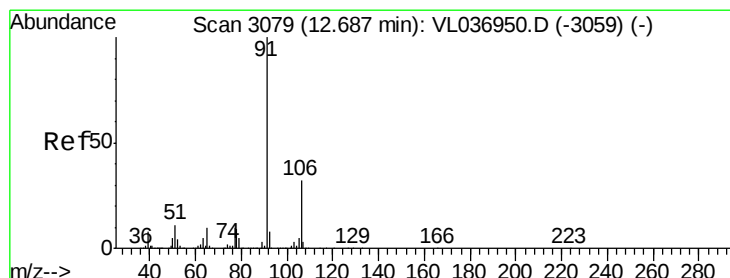
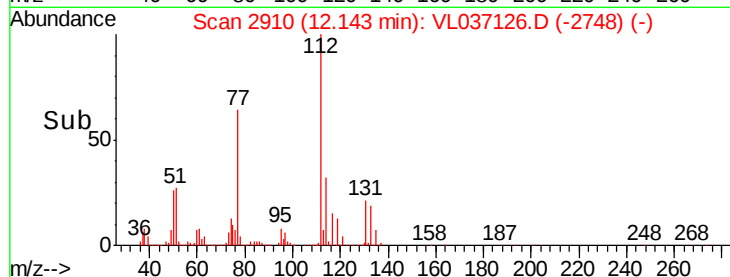
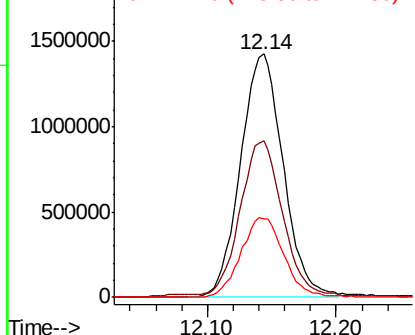
#57
Chlorobenzene
Concen: 8.068 ppbv
RT: 12.14 min Scan# 2910
Delta R.T. 0.02 min
Lab File: VL037126.D
Acq: 8 Jun 2021 9:34

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:112 Resp: 3277204
Ion Ratio Lower Upper
112 100
77 63.3 51.0 76.6
114 32.4 28.3 34.5

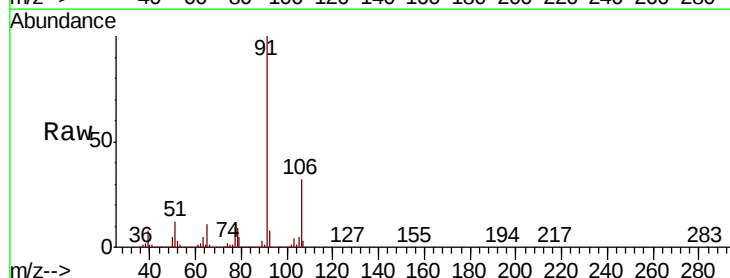


Abundance Ion 112.10 (111.80 to 112.80): V
Ion 77.10 (76.80 to 77.80): VL0
Ion 114.10 (113.80 to 114.80): V

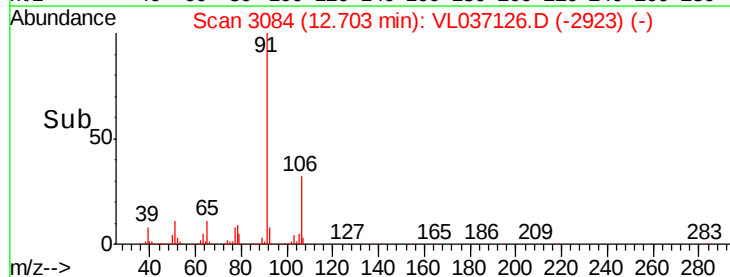
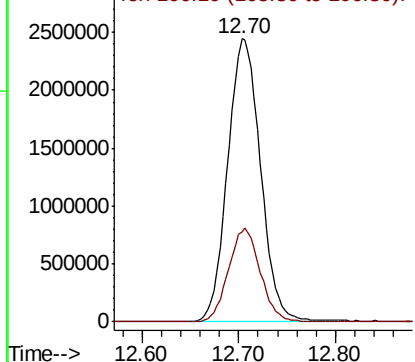


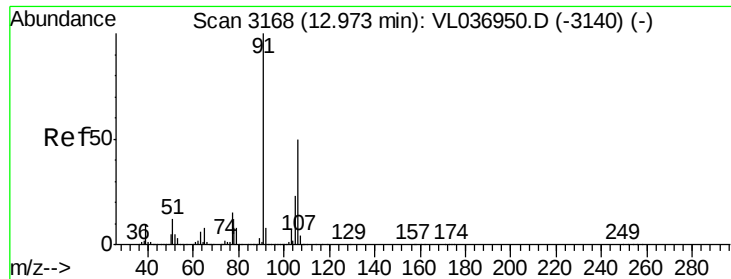
#58
Ethyl Benzene
Concen: 7.836 ppbv
RT: 12.70 min Scan# 3084
Delta R.T. 0.02 min
Lab File: VL037126.D
Acq: 8 Jun 2021 9:34

Tgt Ion: 91 Resp: 5794362
Ion Ratio Lower Upper
91 100
106 32.0 25.6 38.4



Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 106.10 (105.80 to 106.80): V

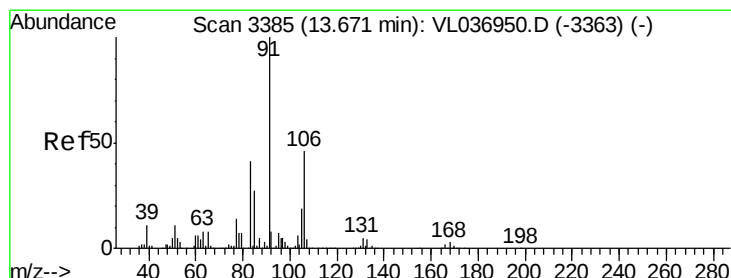
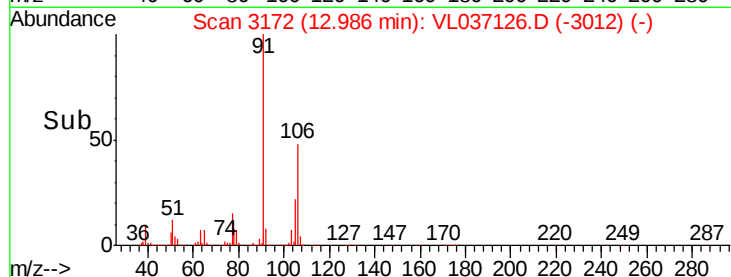
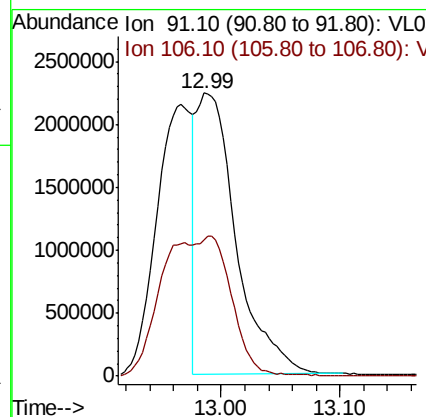
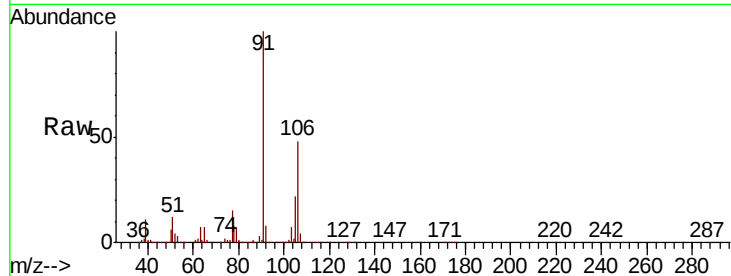




#59
m/p-Xylene
Concen: 8.501 ppbv
RT: 12.99 min Scan# 3172
Delta R.T. 0.01 min
Lab File: VL037126.D
Acq: 8 Jun 2021 9:34

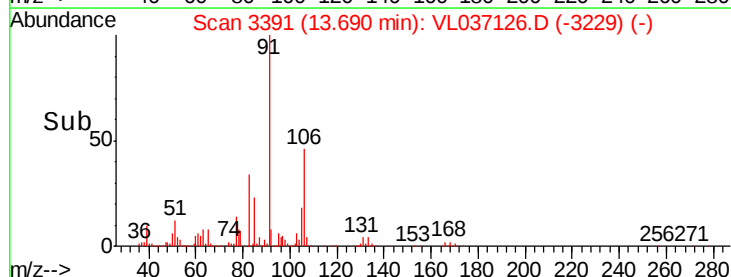
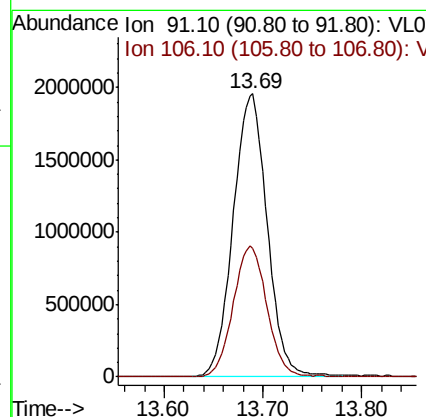
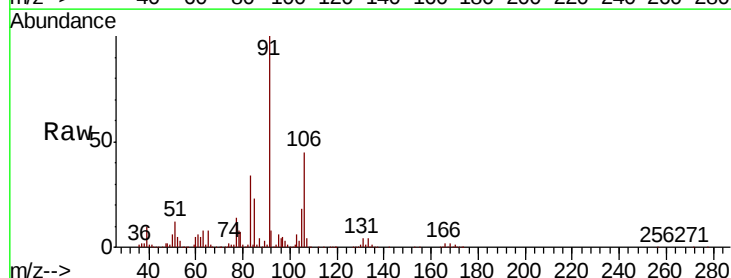
Instrument :
MSVOA_L
ClientSampleId :

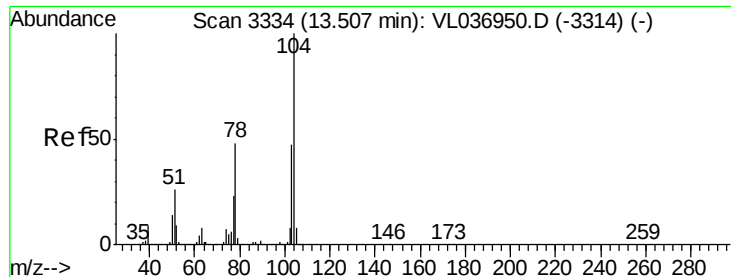
Tot Ion: 91 Resp: 5196060
Ion Ratio Lower Upper
91 100
106 86.7 37.4 56.2#



#60
o-Xylene
Concen: 7.992 ppbv
RT: 13.69 min Scan# 3391
Delta R.T. 0.02 min
Lab File: VL037126.D
Acq: 8 Jun 2021 9:34

Tgt Ion: 91 Resp: 4658605
Ion Ratio Lower Upper
91 100
106 46.2 23.4 70.3





#61

Stvrene

Concen: 8.244 ppbv

RT: 13.52 min Scan# 3339

Delta R.T. 0.02 min

Lab File: VL037126.D

Acq: 8 Jun 2021 9:34

Instrument :

MSVOA_L

ClientSampleId :

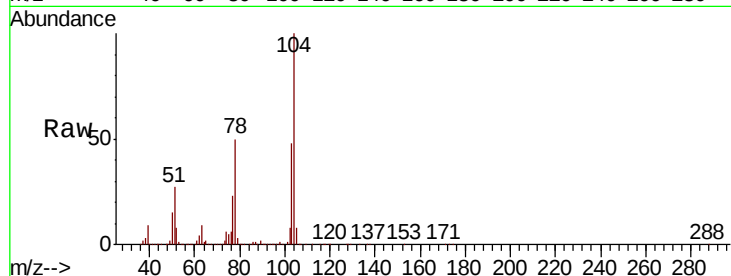
Tot Ion:104 Resp: 2707443

Ion Ratio Lower Upper

104 100

78 50.9 39.0 58.6

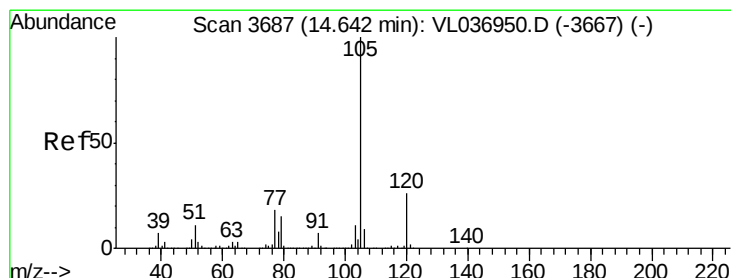
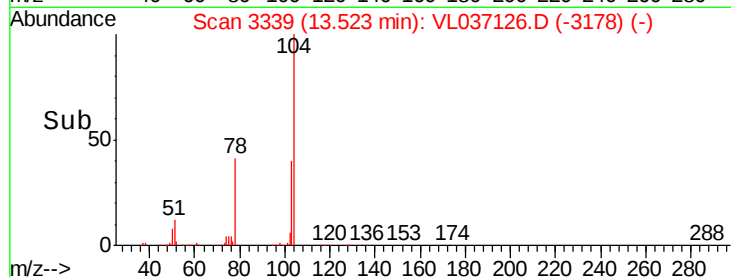
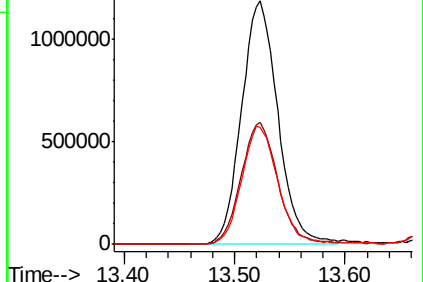
103 48.8 38.0 57.0



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: 7.823 ppbv

RT: 14.66 min Scan# 3693

Delta R.T. 0.02 min

Lab File: VL037126.D

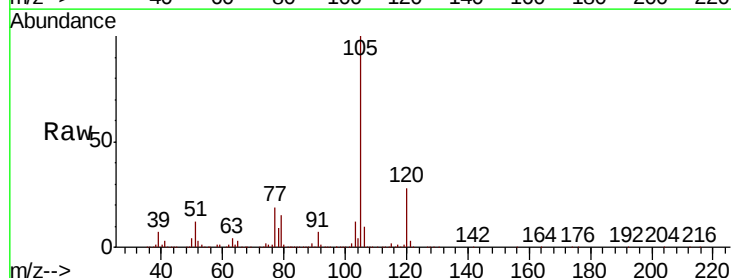
Acq: 8 Jun 2021 9:34

Tgt Ion:105 Resp: 6554234

Ion Ratio Lower Upper

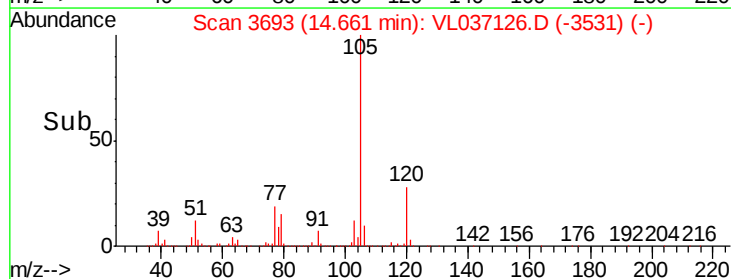
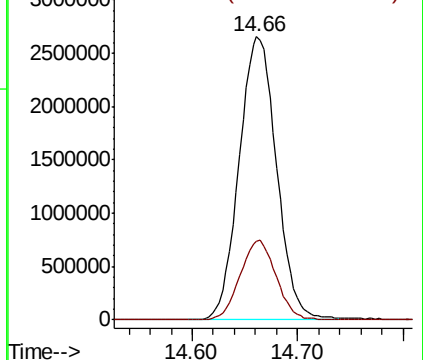
105 100

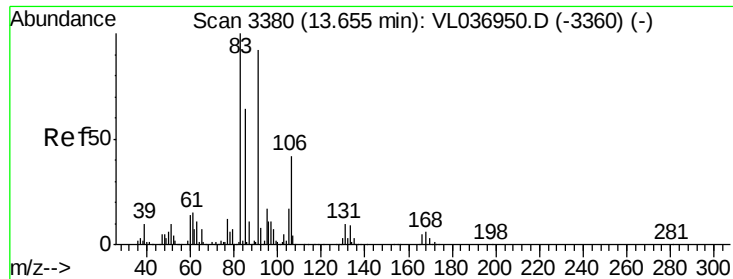
120 27.1 21.7 32.5



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: 7.255 ppbv

RT: 13.67 min Scan# 3385

Delta R.T. 0.02 min

Lab File: VL037126.D

Acq: 8 Jun 2021 9:34

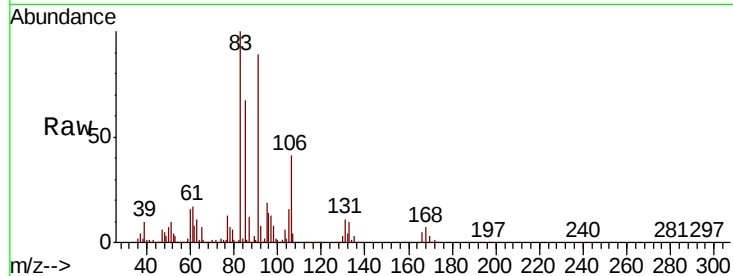
Instrument :

MSVOA_L

ClientSampleId :

Tot Ion: 83 Resp: 3158714

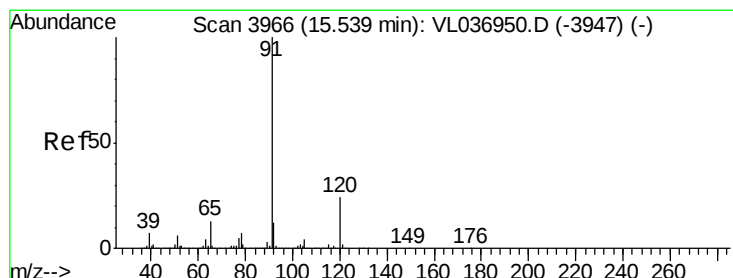
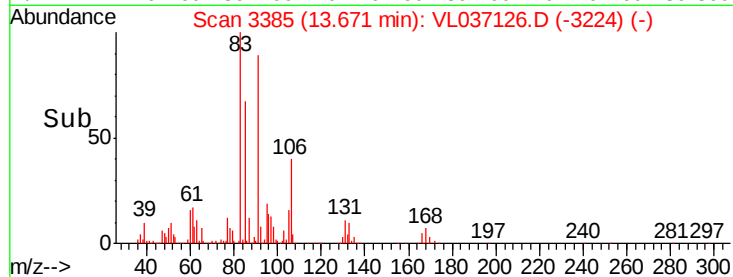
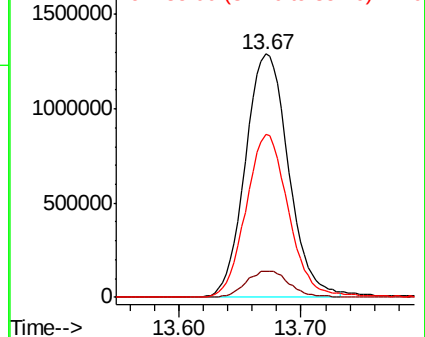
Ion	Ratio	Lower	Upper
83	100		
131	11.1	5.0	15.0
85	67.0	32.9	98.6



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VL0



#64

n-propylbenzene

Concen: 8.336 ppbv

RT: 15.56 min Scan# 3972

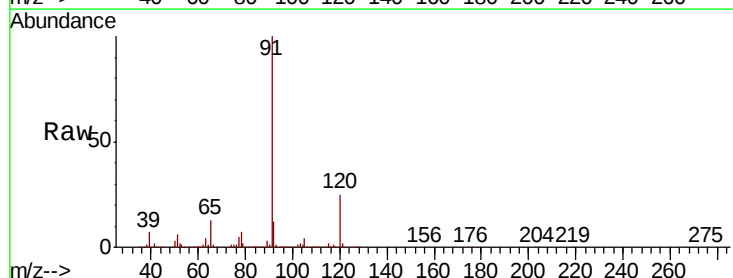
Delta R.T. 0.02 min

Lab File: VL037126.D

Acq: 8 Jun 2021 9:34

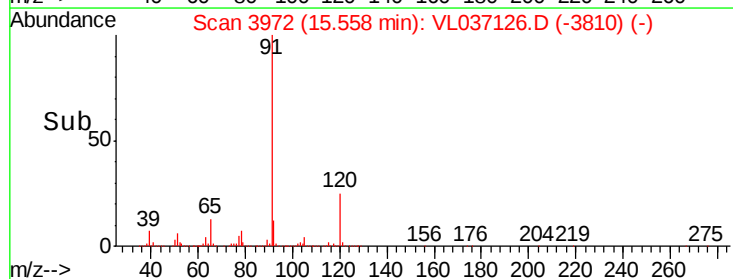
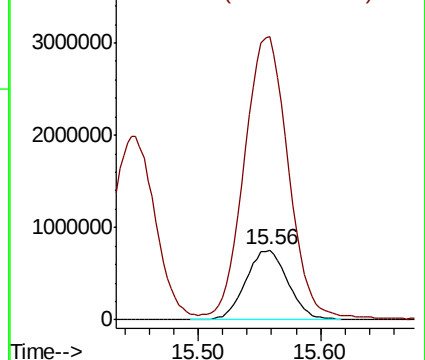
Tgt Ion:120 Resp: 1801934

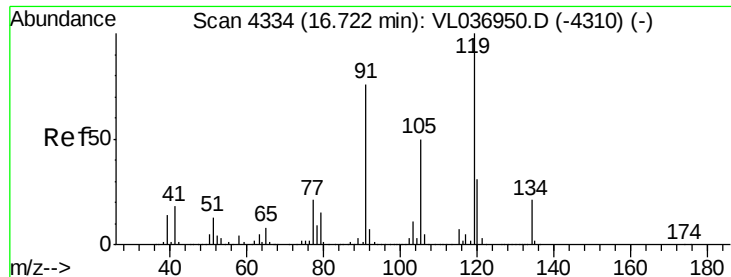
Ion	Ratio	Lower	Upper
120	100		
91	427.5	343.8	515.6



Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

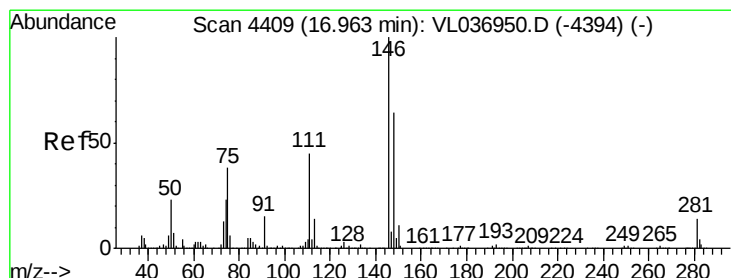
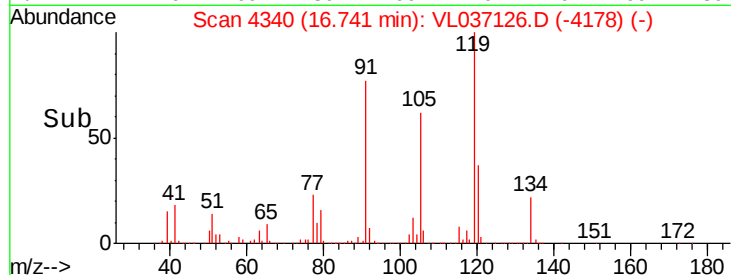
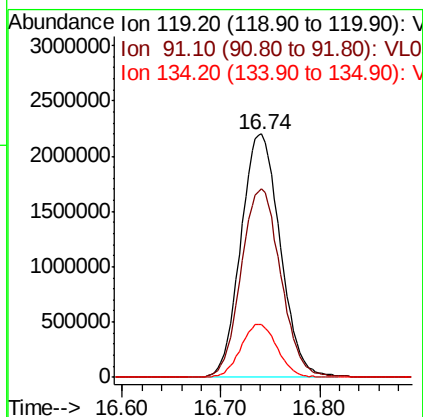
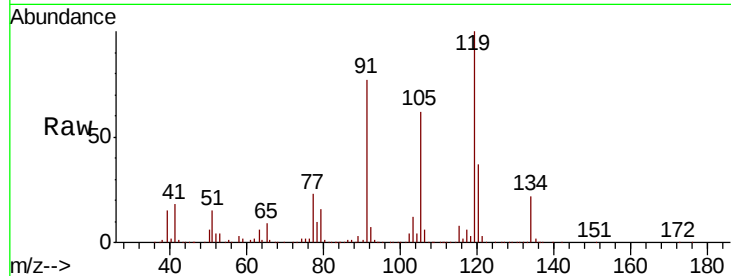




#65
tert-Butylbenzene
Concen: 8.011 ppbv
RT: 16.74 min Scan# 4340
Delta R.T. 0.02 min
Lab File: VL037126.D
Acq: 8 Jun 2021 9:34

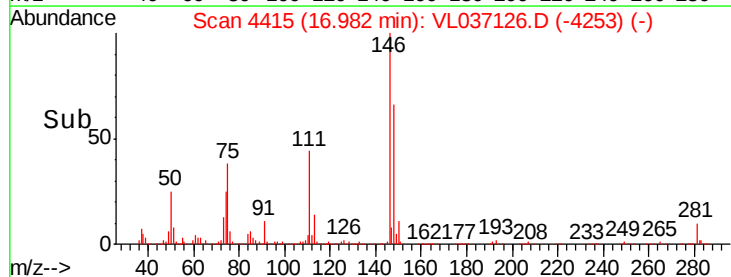
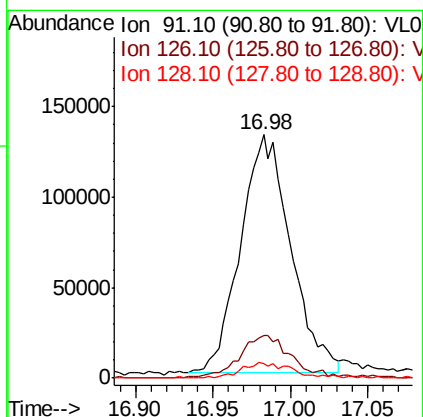
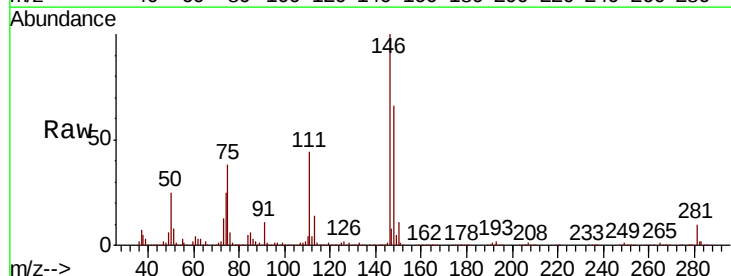
Instrument :
MSVOA_L
ClientSampled :

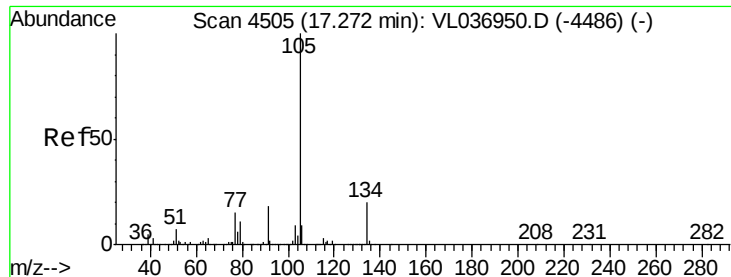
Tot Ion:119 Resp: 6056088
Ion Ratio Lower Upper
119 100
91 78.4 61.9 92.9
134 20.4 16.2 24.4



#66
Benzyl Chloride
Concen: 7.023 ppbv
RT: 16.98 min Scan# 4415
Delta R.T. 0.02 min
Lab File: VL037126.D
Acq: 8 Jun 2021 9:34

Tgt Ion: 91 Resp: 294554
Ion Ratio Lower Upper
91 100
126 18.5 16.5 24.7
128 7.0 5.5 8.3

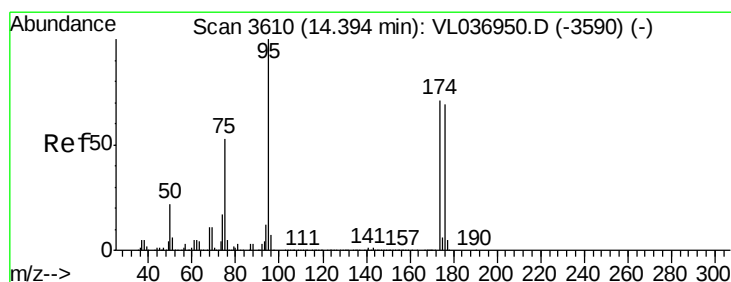
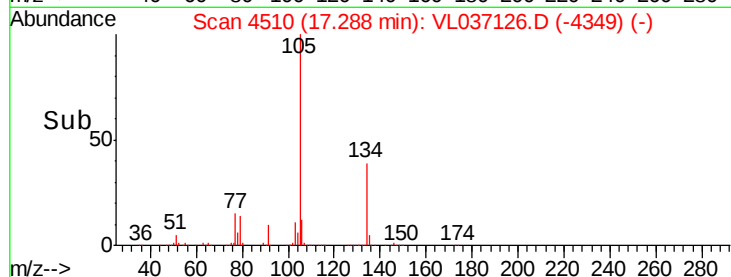
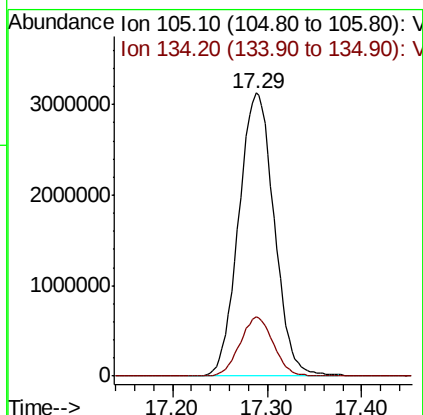
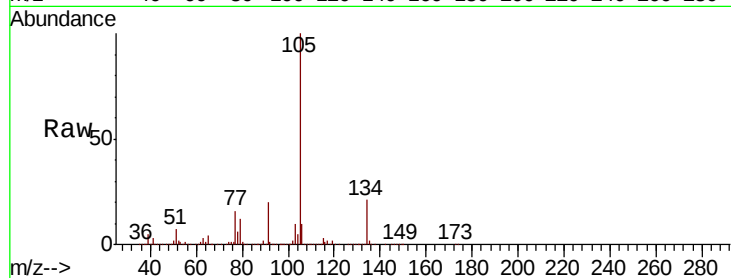




#67
 sec-Butylbenzene
 Concen: 7.889 ppbv
 RT: 17.29 min Scan# 4510
 Delta R.T. 0.02 min
 Lab File: VL037126.D
 Acq: 8 Jun 2021 9:34

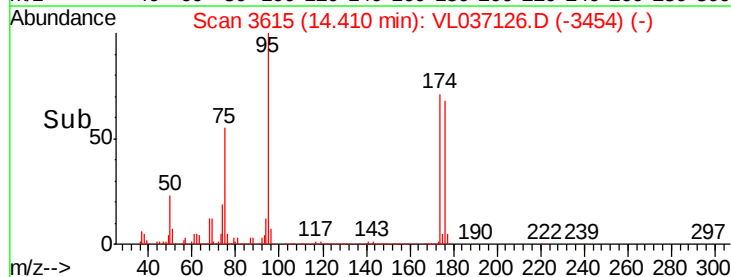
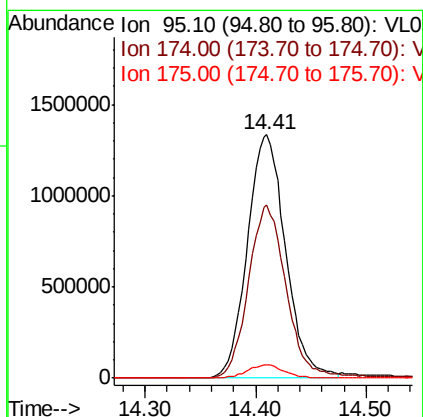
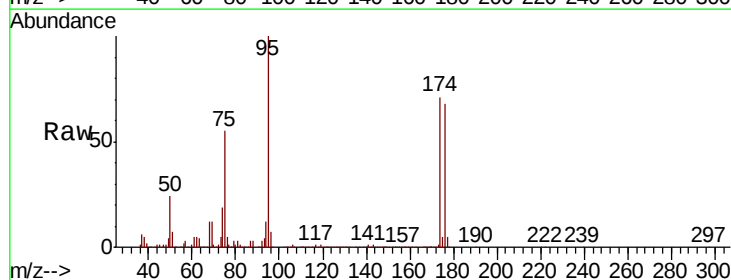
Instrument :
 MSVOA_L
 ClientSampleId :

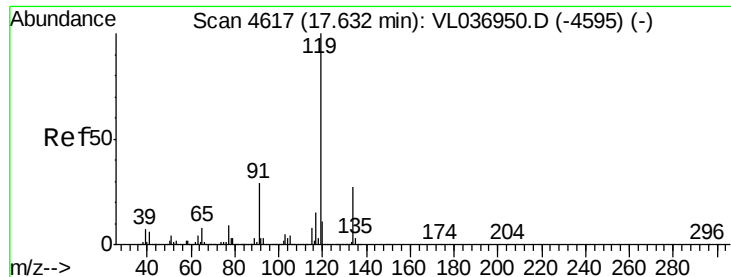
Tot Ion:105 Resp: 8135800
 Ion Ratio Lower Upper
 105 100
 134 19.9 15.6 23.4



#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.125 ppbv
 RT: 14.41 min Scan# 3615
 Delta R.T. 0.02 min
 Lab File: VL037126.D
 Acq: 8 Jun 2021 9:34

Tgt Ion: 95 Resp: 3197845
 Ion Ratio Lower Upper
 95 100
 174 71.7 58.4 87.6
 175 5.3 4.4 6.6

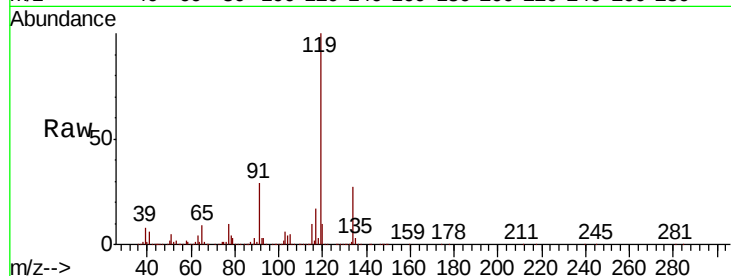




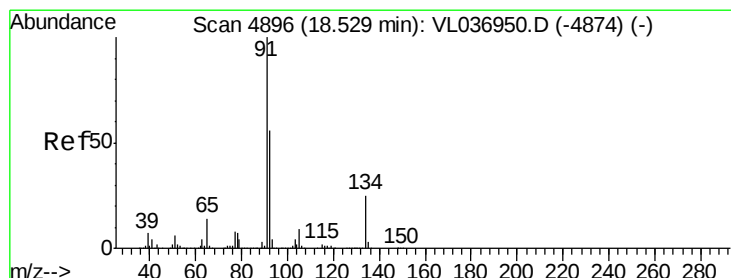
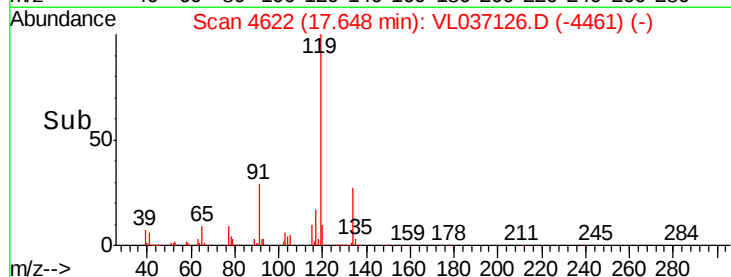
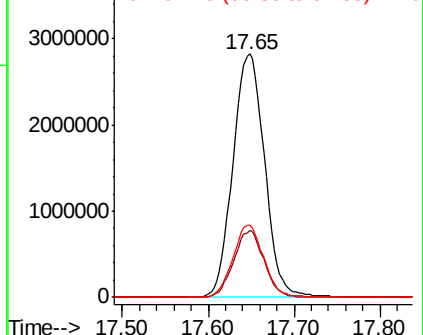
#69
 p-Isopropyltoluene
 Concen: 8.152 ppbv
 RT: 17.65 min Scan# 4622
 Delta R.T. 0.02 min
 Lab File: VL037126.D
 Acq: 8 Jun 2021 9:34

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion:119 Resp: 7228054
 Ion Ratio Lower Upper
 119 100
 134 26.4 21.2 31.8
 91 28.7 22.2 33.4

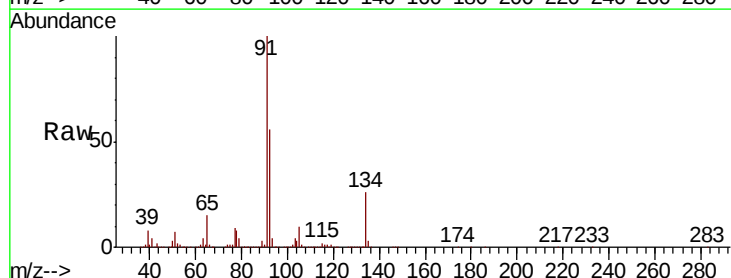


Abundance Ion 119.10 (118.80 to 119.80): V
 Ion 134.20 (133.90 to 134.90): V
 Ion 91.10 (90.80 to 91.80): V

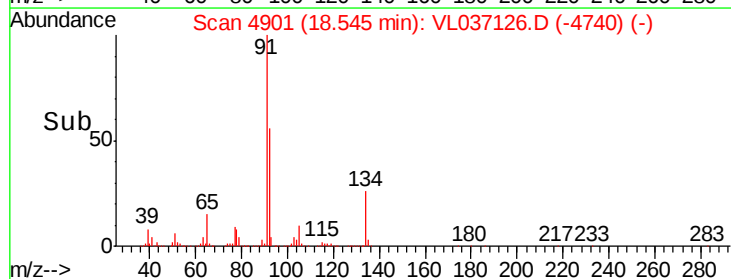
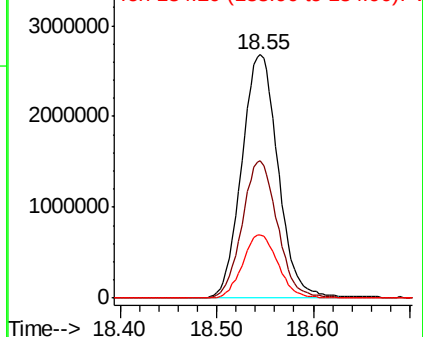


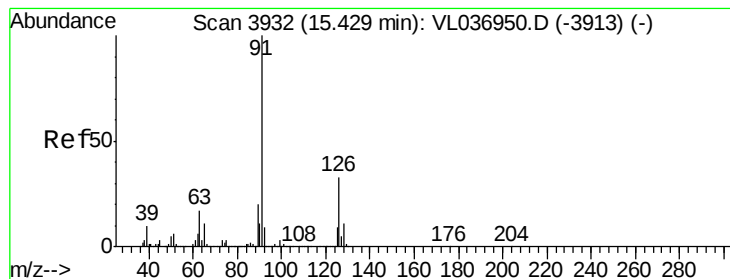
#70
 n-Butylbenzene
 Concen: 8.300 ppbv
 RT: 18.55 min Scan# 4901
 Delta R.T. 0.02 min
 Lab File: VL037126.D
 Acq: 8 Jun 2021 9:34

Tgt Ion: 91 Resp: 6991615
 Ion Ratio Lower Upper
 91 100
 92 55.2 44.6 66.8
 134 25.5 20.2 30.2



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: 7.999 ppbv

RT: 15.45 min Scan# 3937

Delta R.T. 0.02 min

Lab File: VL037126.D

Acq: 8 Jun 2021 9:34

Instrument :

MSVOA_L

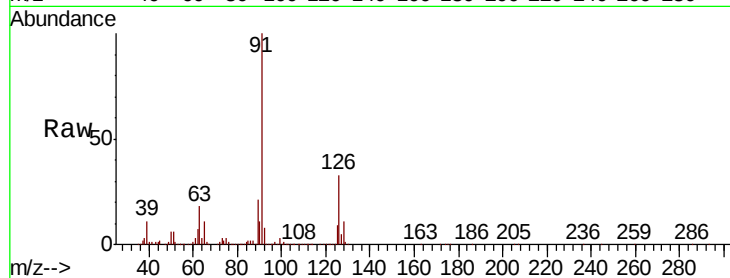
ClientSampleId :

Tot Ion: 91 Resp: 4840374

Ion Ratio Lower Upper

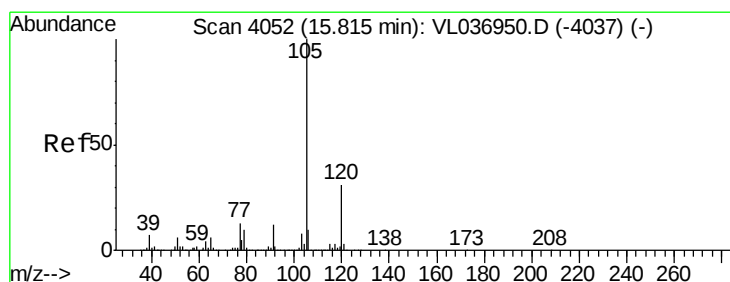
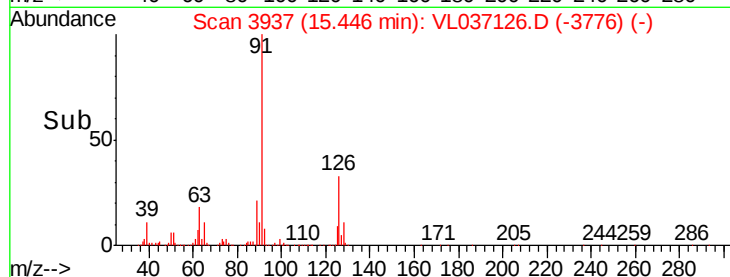
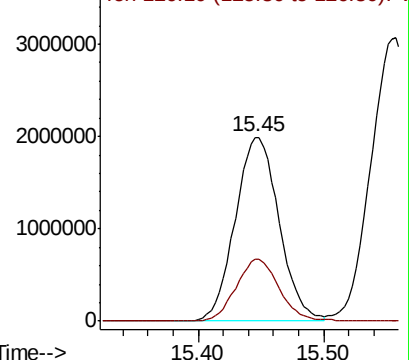
91 100

126 33.4 13.1 52.5



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V



#72

4-Ethyltoluene

Concen: 8.467 ppbv

RT: 15.83 min Scan# 4058

Delta R.T. 0.02 min

Lab File: VL037126.D

Acq: 8 Jun 2021 9:34

Tgt Ion: 105 Resp: 5858039

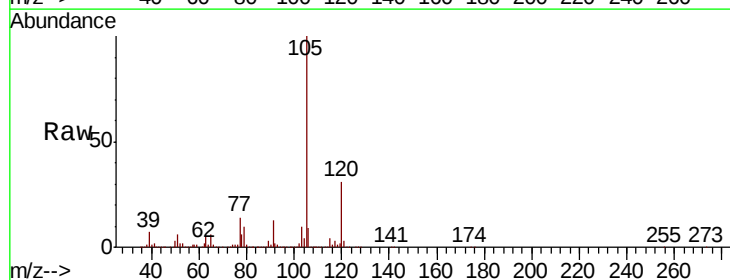
Ion Ratio Lower Upper

105 100

120 30.7 24.6 37.0

91 12.8 9.8 14.6

77 13.5 10.4 15.6

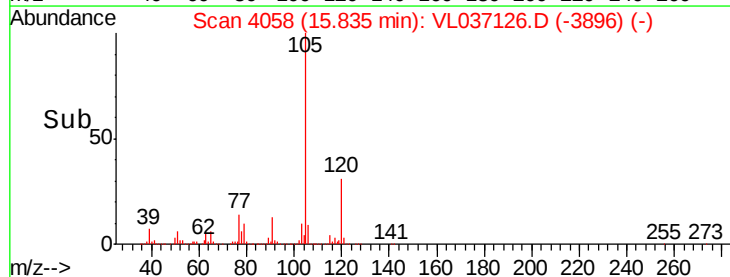
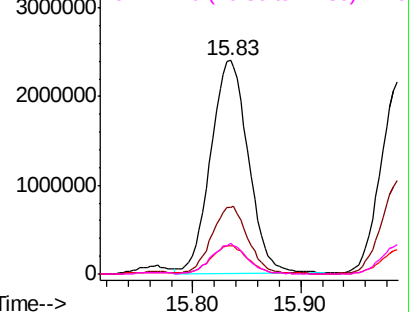


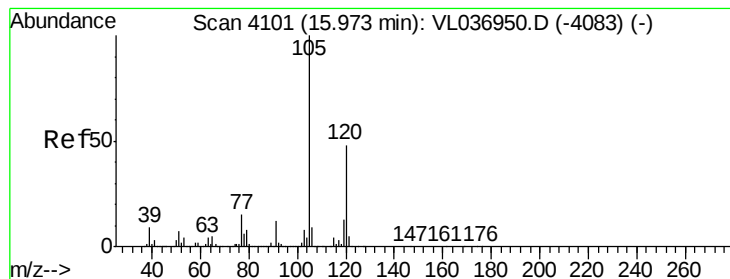
Abundance Ion 105.10 (104.80 to 105.80): V

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



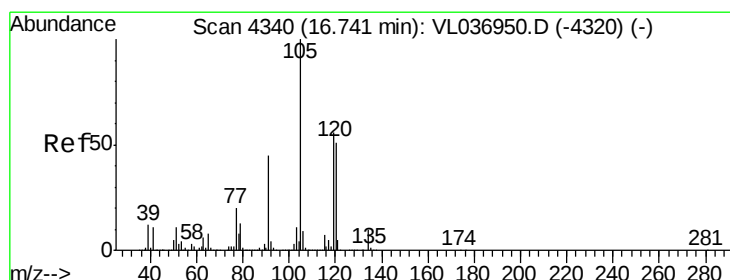
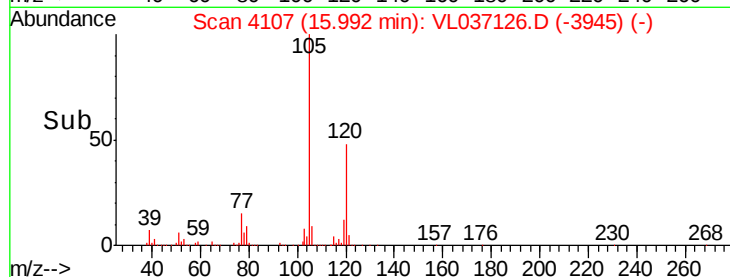
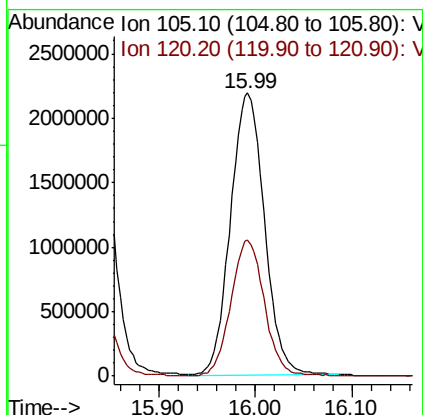
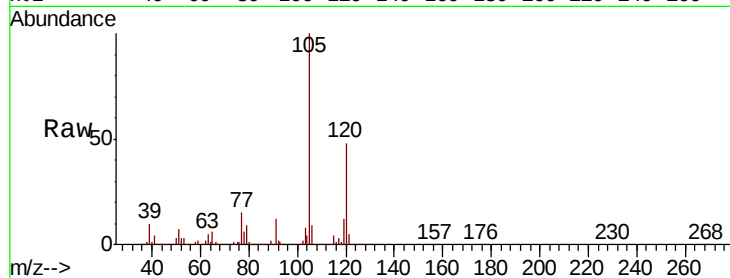


#73

1,3,5-Trimethylbenzene
Concen: 8.190 ppbv
RT: 15.99 min Scan# 4107
Delta R.T. 0.02 min
Lab File: VL037126.D
Acq: 8 Jun 2021 9:34

Instrument :
MSVOA_L
ClientSampleId :

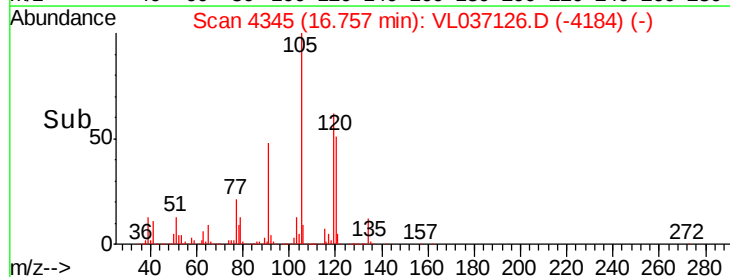
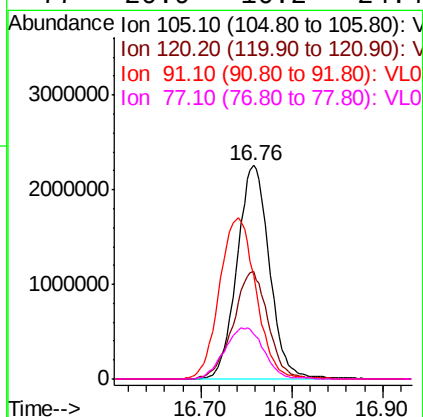
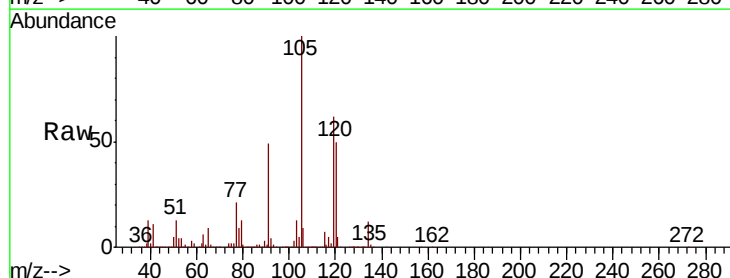
Tot Ion:105 Resp: 5320868
Ion Ratio Lower Upper
105 100
120 48.4 38.6 58.0

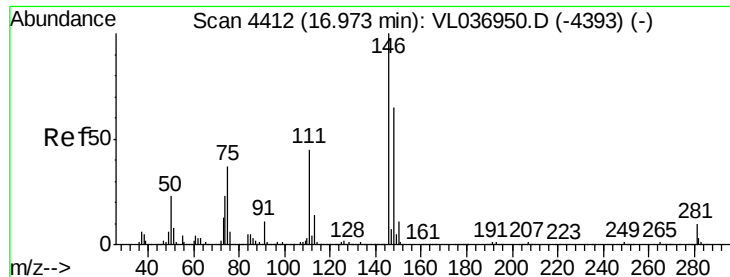


#74

1,2,4-Trimethylbenzene
Concen: 8.284 ppbv
RT: 16.76 min Scan# 4345
Delta R.T. 0.02 min
Lab File: VL037126.D
Acq: 8 Jun 2021 9:34

Tgt Ion:105 Resp: 5564721
Ion Ratio Lower Upper
105 100
120 50.4 40.6 61.0
91 48.3 37.4 56.0
77 20.9 16.2 24.4





#75

1,3-Dichlorobenzene

Concen: 8.444 ppbv

RT: 16.99 min Scan# 4417

Delta R.T. 0.02 min

Lab File: VL037126.D

Acq: 8 Jun 2021 9:34

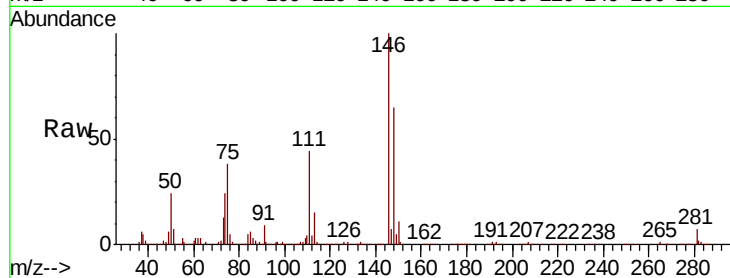
Instrument :

MSVOA_L

ClientSampled :

Tot Ion:146 Resp: 3463877

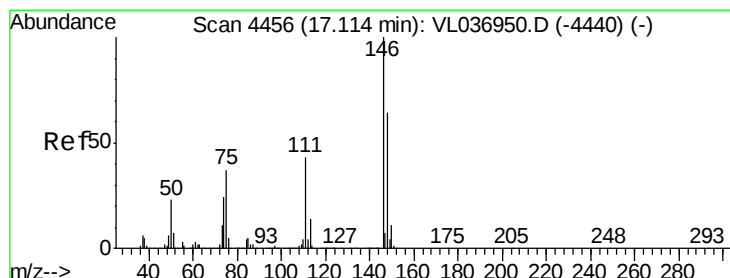
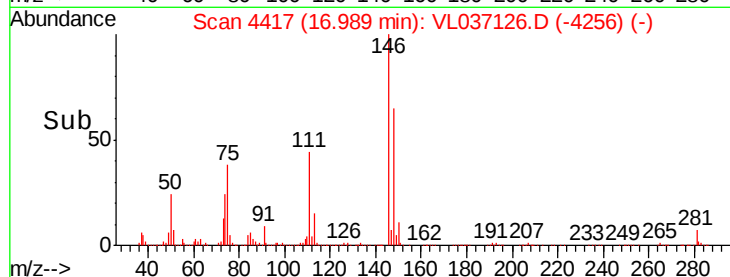
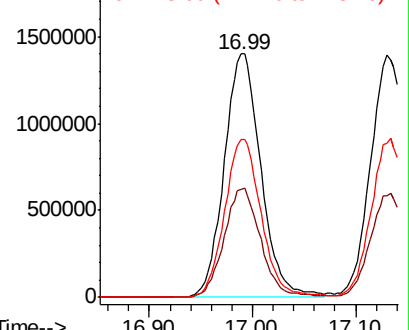
Ion	Ratio	Lower	Upper
146	100		
111	44.6	22.2	66.6
148	64.8	32.3	96.8



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: 8.051 ppbv

RT: 17.13 min Scan# 4461

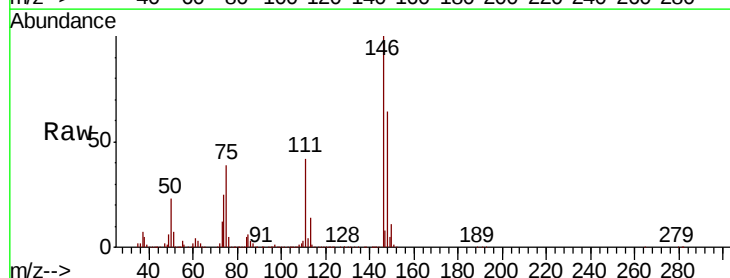
Delta R.T. 0.02 min

Lab File: VL037126.D

Acq: 8 Jun 2021 9:34

Tgt Ion:146 Resp: 3339056

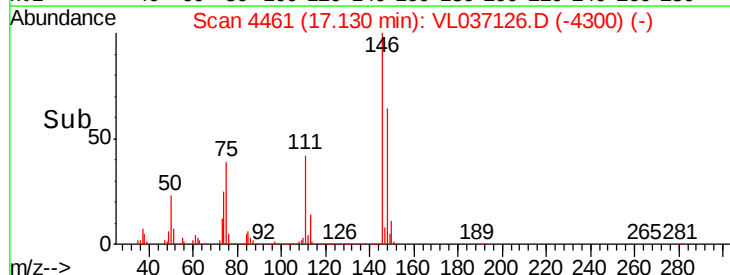
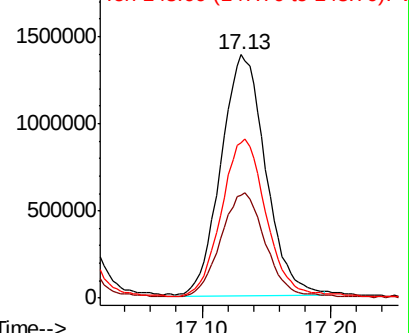
Ion	Ratio	Lower	Upper
146	100		
111	44.7	22.6	67.7
148	67.0	33.5	100.5

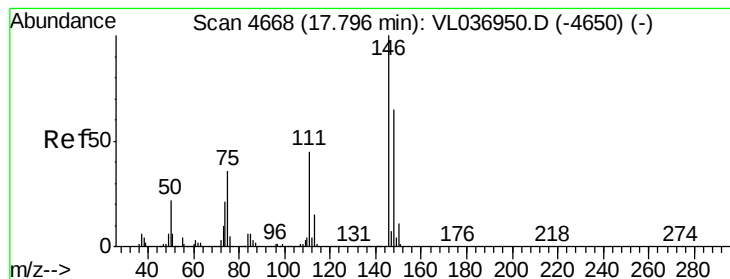


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V





#77

1,2-Dichlorobenzene

Concen: 8.218 ppbv

RT: 17.81 min Scan# 4672

Delta R.T. 0.01 min

Lab File: VL037126.D

Acq: 8 Jun 2021 9:34

Instrument :

MSVOA_L

ClientSampleId :

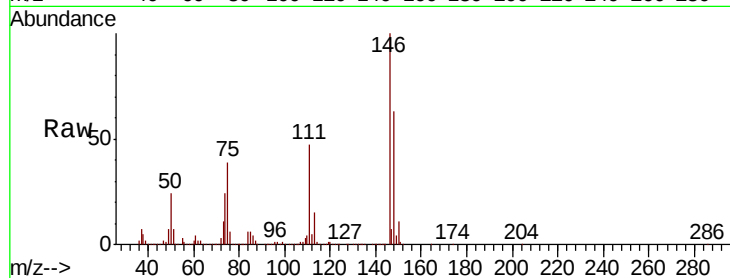
Tot Ion:146 Resp: 3378028

Ion Ratio Lower Upper

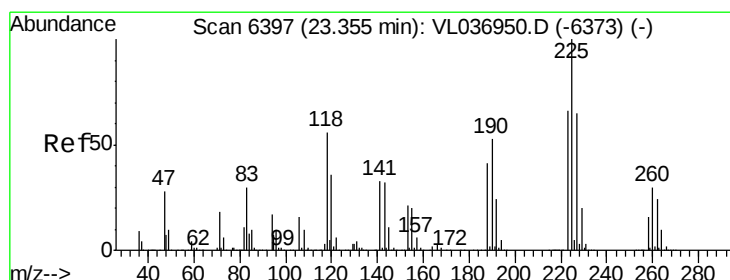
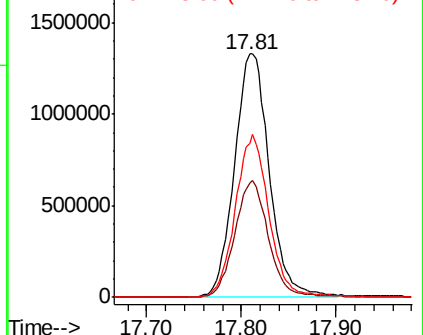
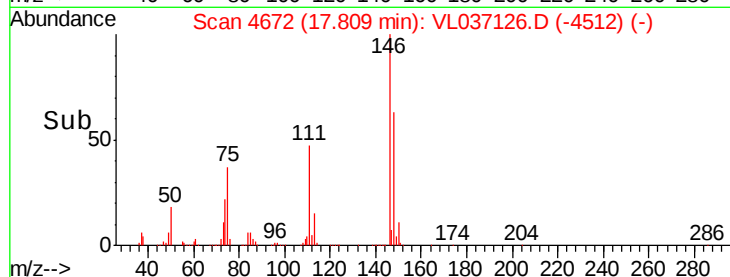
146 100

111 46.6 23.1 69.2

148 64.9 32.5 97.4



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



#78

Hexachloro-1,3-Butadiene

Concen: 7.397 ppbv

RT: 23.37 min Scan# 6402

Delta R.T. 0.02 min

Lab File: VL037126.D

Acq: 8 Jun 2021 9:34

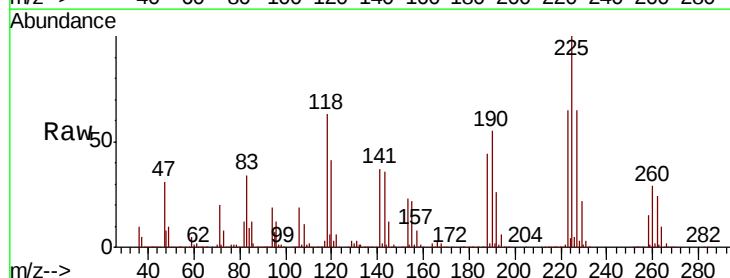
Tgt Ion:225 Resp: 2444904

Ion Ratio Lower Upper

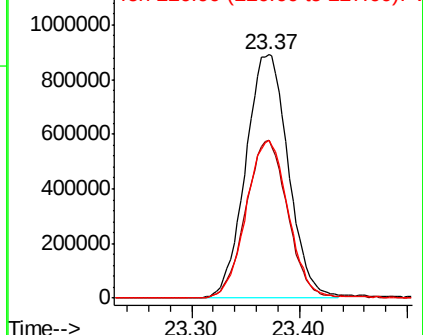
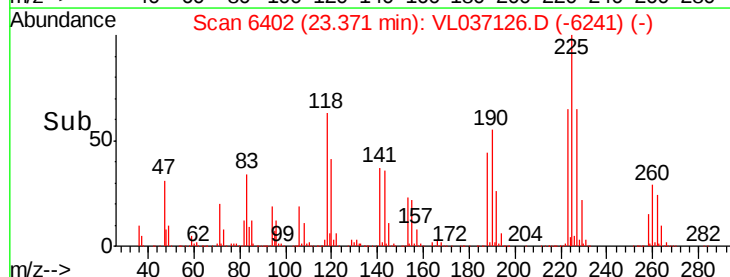
225 100

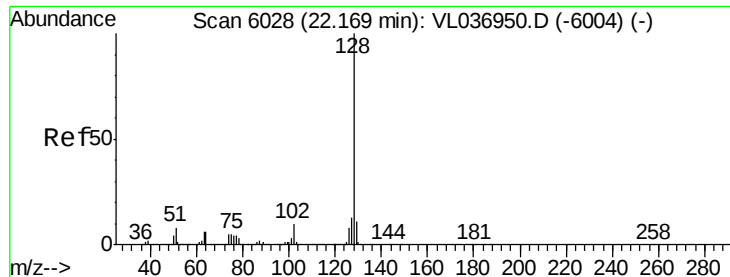
223 64.2 51.9 77.9

227 64.7 51.8 77.6



Abundance Ion 224.90 (224.60 to 225.60): V
Ion 222.90 (222.60 to 223.60): V
Ion 226.90 (226.60 to 227.60): V





#79

Naphthalene

Concen: 9.356 ppbv

RT: 22.19 min Scan# 6035

Delta R.T. 0.02 min

Lab File: VL037126.D

Acq: 8 Jun 2021 9:34

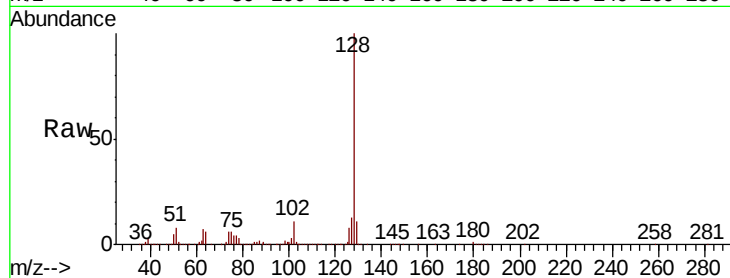
Instrument :

MSVOA_L

ClientSampleId :

Tot Ion:128 Resp: 4931460

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.7	9.0	13.6

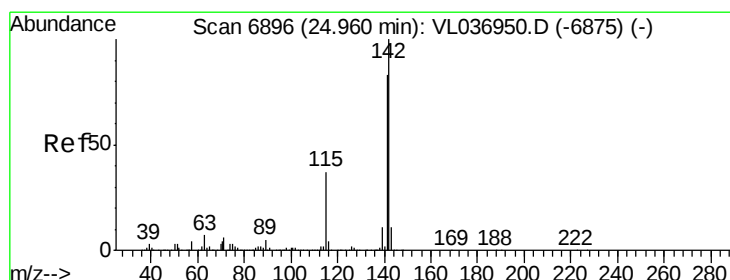
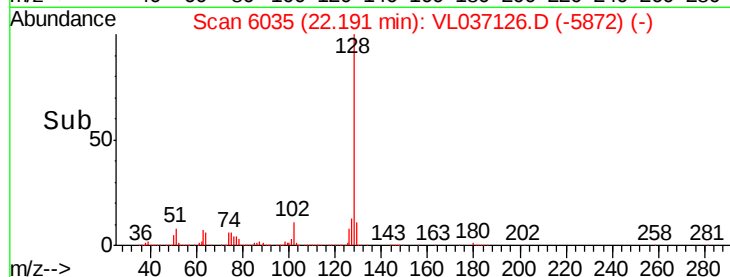
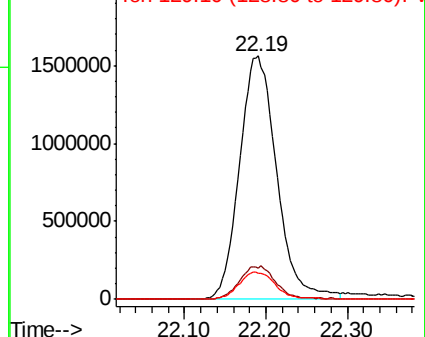


Abundance

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



#80

Naphthalene, 2-methyl-

Concen: 11.064 ppbv

RT: 24.97 min Scan# 6898

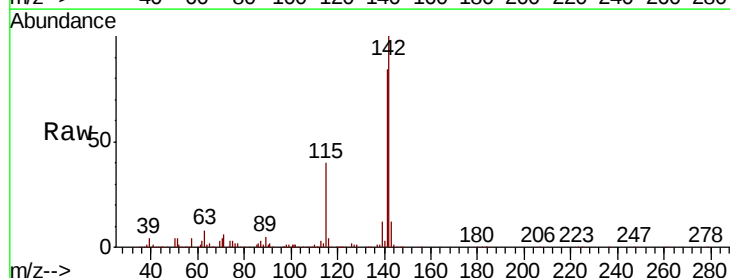
Delta R.T. 0.01 min

Lab File: VL037126.D

Acq: 8 Jun 2021 9:34

Tgt Ion:142 Resp: 1268080

Ion	Ratio	Lower	Upper
142	100		
141	77.5	69.3	103.9
115	38.1	29.1	43.7

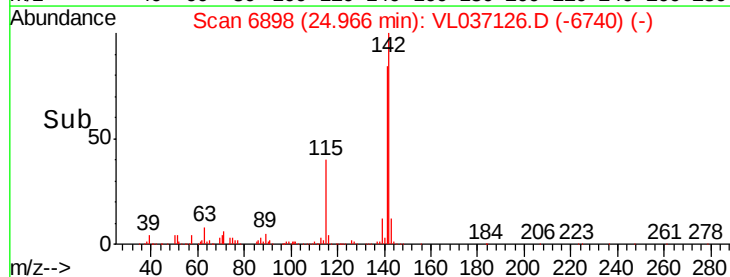
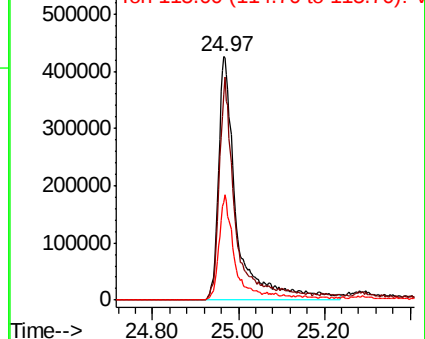


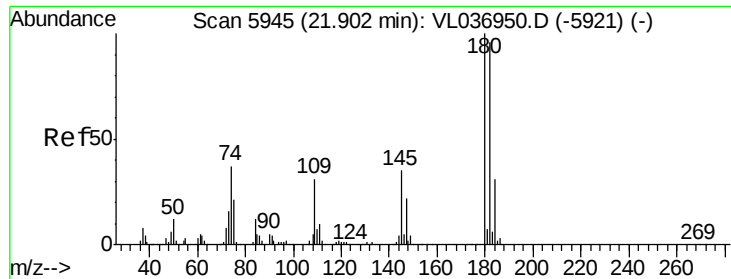
Abundance

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





#81
 1,2,4-Trichlorobenzene
 Concen: 8.647 ppbv
 RT: 21.92 min Scan# 5951
 Delta R.T. 0.02 min
 Lab File: VL037126.D
 Acq: 8 Jun 2021 9:34

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion:180 Resp: 2778319
 Ion Ratio Lower Upper
 180 100
 182 99.8 81.7 122.5
 184 31.9 24.9 37.3

