

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081921\
 Data File : VL037497.D
 Acq On : 19 Aug 2021 13:08
 Operator : SY/AP
 Sample : VL0819ABS01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Aug 20 00:19:07 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Aug 17 02:13:47 2021
 QLast Update : Tue Aug 17 02:13:47 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1485882	10.00	ppbv	0.03
33) 1,4-Difluorobenzene	7.18	114	4317522	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.09	117	3808109	10.00	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2861098	10.58	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.80%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.05	85	2089650	8.765 ppbv	99
3) Chlorodifluoromethane	3.00	51	2573675	9.045 ppbv	99
4) Chloromethane	3.15	50	963701	9.478 ppbv	96
5) Vinyl Chloride	3.26	62	965733	9.271 ppbv	99
6) Bromomethane	3.48	94	468954	8.218 ppbv	95
7) Chloroethane	3.57	64	331582	9.326 ppbv	93
8) Dichlorotetrafluoroethane	3.20	85	2258068	9.175 ppbv	100
9) Propene	3.02	41	900133	8.842 ppbv	100
10) Heptane	8.13	43	2267606	9.677 ppbv	100
11) Trichlorofluoromethane	3.96	101	2073340	9.265 ppbv	100
12) 1,1,2-Trichlorotrifluoroet	4.49	101	1597124	9.726 ppbv	97
13) Ethanol	3.61	45	48552	4.901 ppbv #	40
14) Bromoethene	3.75	108	671777	9.011 ppbv	95
15) Acetone	3.85	43	1164961	7.704 ppbv	99
16) 1,3-Butadiene	3.33	39	926858	9.555 ppbv	98
17) tert-Butyl alcohol	4.29	59	1369928	9.917 ppbv	98
18) 1,1-Dichloroethene	4.29	96	693229	9.293 ppbv	98
19) Isopropyl Alcohol	3.97	45	709220	8.186 ppbv #	94
20) Methylene Chloride	4.35	84	612198	8.086 ppbv	94
21) Allyl Chloride	4.42	41	1101875	8.971 ppbv	94
22) trans-1,2-Dichloroethene	4.89	96	758319	10.189 ppbv	99
23) Vinyl Acetate	5.08	43	1742789	7.819 ppbv	99
24) 1,1-Dichloroethane	5.02	63	1455592	9.004 ppbv	99
25) Ethyl Acetate	5.68	43	3530638	9.197 ppbv	100
26) Hexane	5.69	57	1664846	8.870 ppbv	99
27) Carbon Disulfide	4.56	76	1779772	10.640 ppbv	100
28) Methyl tert-Butyl Ether	5.04	73	1509597	8.374 ppbv	100
29) Chloroform	5.76	83	2445118	9.192 ppbv	99
30) Cyclohexane	7.13	84	1438386	9.197 ppbv	100
31) cis-1,2-Dichloroethene	5.56	61	1580431	9.303 ppbv	99
32) 1,1,1-Trichloroethane	6.52	97	2405613	9.204 ppbv	98
34) 2-Butanone	5.25	43	1510967	8.570 ppbv	95
35) Carbon Tetrachloride	7.02	117	2532540	9.925 ppbv	98
36) Benzene	6.90	78	3546958	9.772 ppbv	99
37) 1,2-Dichloroethane	6.31	62	1765280	9.819 ppbv	100
38) Trichloroethene	7.84	130	1401394	9.411 ppbv	97
39) 1,2-Dichloropropane	7.62	63	1327489	9.518 ppbv	95
40) 1,4-Dioxane	7.85	88	132336	3.873 ppbv #	100
41) Tetrahydrofuran	6.05	42	803654	9.462 ppbv	99
42) Bromodichloromethane	7.80	83	2625181	9.986 ppbv	99
43) Methyl Methacrylate	8.02	69	1268030	10.024 ppbv	100

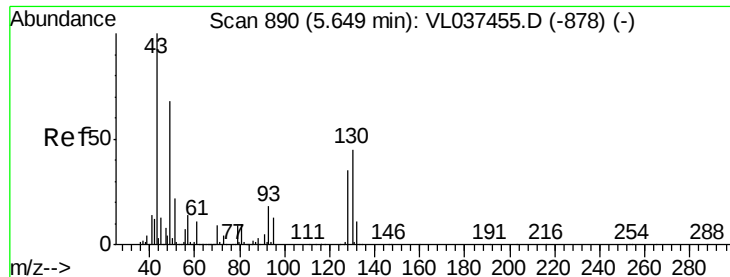
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081921\
 Data File : VL037497.D
 Acq On : 19 Aug 2021 13:08
 Operator : SY/AP
 Sample : VL0819ABS01
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Instrument :
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Quant Time: Aug 20 00:19:07 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Aug 17 02:13:47 2021
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.88	57	5884961	9.634	ppbv	100
45) t-1,3-Dichloropropene	9.29	75	903661	9.489	ppbv	94
46) cis-1,3-Dichloropropene	8.71	75	1174185	8.839	ppbv	97
47) 1,1,2-Trichloroethane	9.48	97	1441371	9.565	ppbv	97
48) Dibromochloromethane	10.31	129	2306759	10.637	ppbv	99
49) Bromoform	13.04	173	1837165	10.747	ppbv	98
50) 4-Methyl-2-Pentanone	8.75	43	2341695	10.181	ppbv	99
51) 2-Hexanone	10.14	43	1142868	10.803	ppbv #	98
52) Tetrachloroethene	11.23	164	1321837	8.888	ppbv	96
53) Toluene	9.81	91	4107962	9.912	ppbv	100
54) 1,2-Dibromoethane	10.62	107	2038096	9.688	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.13	131	1603098	10.103	ppbv	99
57) Chlorobenzene	12.15	112	3009218	9.522	ppbv	98
58) Ethyl Benzene	12.72	91	5300913	10.031	ppbv	99
59) m/p-Xylene	13.00	91	4885020	10.663	ppbv #	41
60) o-Xylene	13.70	91	4156199	9.720	ppbv	100
61) Styrene	13.53	104	2360906	10.628	ppbv	99
62) Isopropylbenzene	14.67	105	5809179	9.626	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.68	83	3088728	9.719	ppbv	99
64) n-propylbenzene	15.56	120	1568913	10.216	ppbv	99
65) tert-Butylbenzene	16.74	119	5311818	9.665	ppbv	99
66) Benzyl Chloride	16.99	91	165006	6.637	ppbv #	63
67) sec-Butylbenzene	17.29	105	7374811	9.603	ppbv	99
69) p-Isopropyltoluene	17.65	119	6244055	9.978	ppbv	99
70) n-Butylbenzene	18.55	91	6100982	10.201	ppbv	100
71) 2-Chlorotoluene	15.46	91	4392895	9.926	ppbv	99
72) 4-Ethyltoluene	15.84	105	5143858	10.114	ppbv	100
73) 1,3,5-Trimethylbenzene	16.00	105	4607004	9.731	ppbv	100
74) 1,2,4-Trimethylbenzene	16.77	105	4819268	9.579	ppbv #	89
75) 1,3-Dichlorobenzene	17.00	146	2913530	9.621	ppbv	99
76) 1,4-Dichlorobenzene	17.14	146	2854788	9.358	ppbv	97
77) 1,2-Dichlorobenzene	17.82	146	2839403	9.522	ppbv	98
78) Hexachloro-1,3-Butadiene	23.37	225	2172493	8.763	ppbv	100
79) Naphthalene	22.19	128	3622040	10.759	ppbv	97
80) Naphthalene, 2-methyl-	24.97	142	914341	9.749	ppbv	94
81) 1,2,4-Trichlorobenzene	21.92	180	2186072	10.348	ppbv	99

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 898

Delta R.T. 0.03 min

Lab File: VL037497.D

Acq: 19 Aug 2021 13:08

Instrument :

MSVOA_L

ClientSampleId :

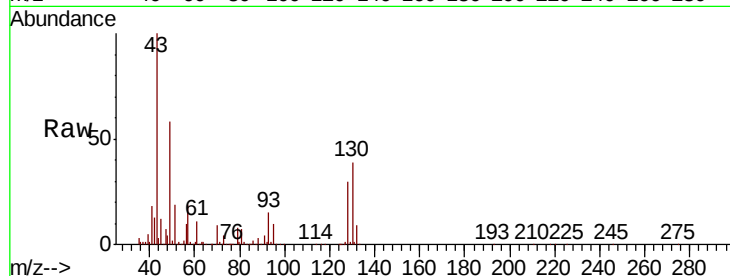
Tot Ion: 49 Resp: 1485882

Ion Ratio Lower Upper

49 100

128 53.9 27.5 82.4

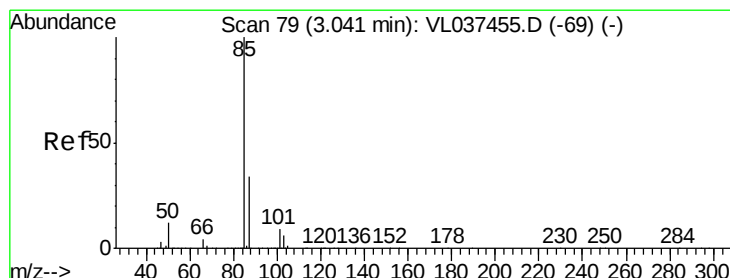
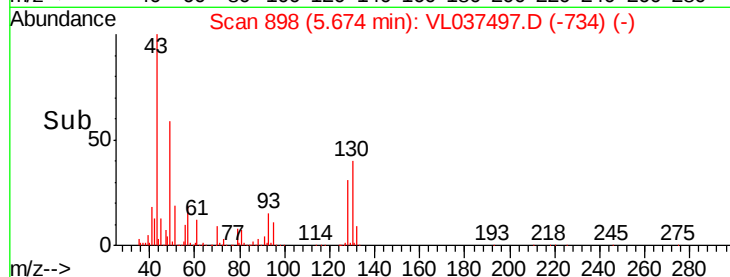
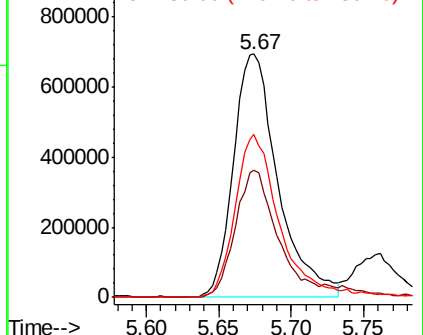
130 67.3 34.0 101.8



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: 8.765 ppbv

RT: 3.05 min Scan# 83

Delta R.T. 0.01 min

Lab File: VL037497.D

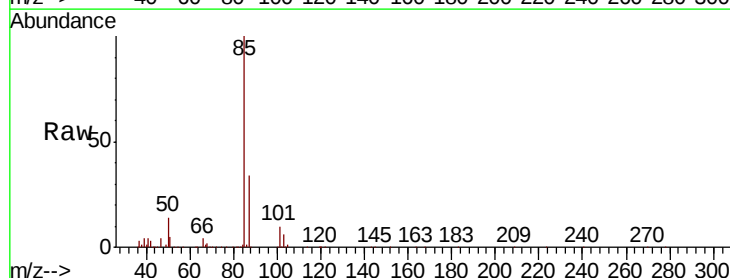
Acq: 19 Aug 2021 13:08

Tgt Ion: 85 Resp: 2089650

Ion Ratio Lower Upper

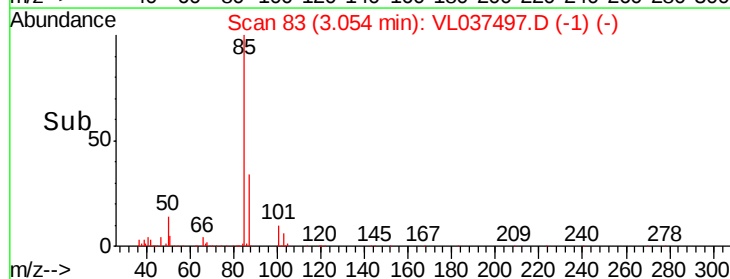
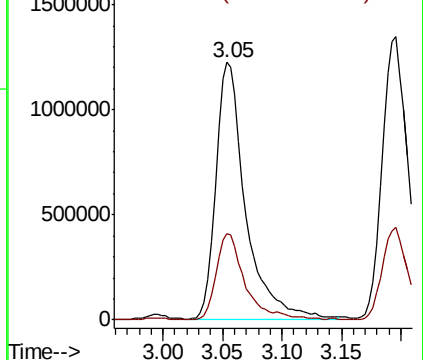
85 100

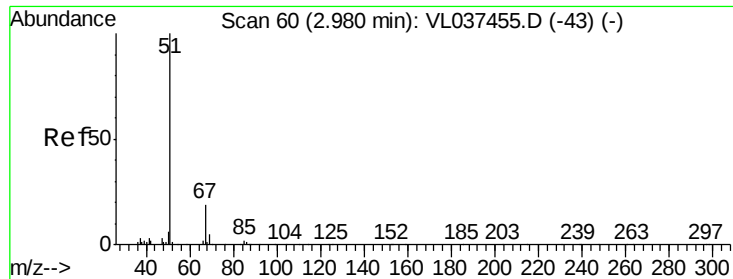
87 33.7 27.6 41.4



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0

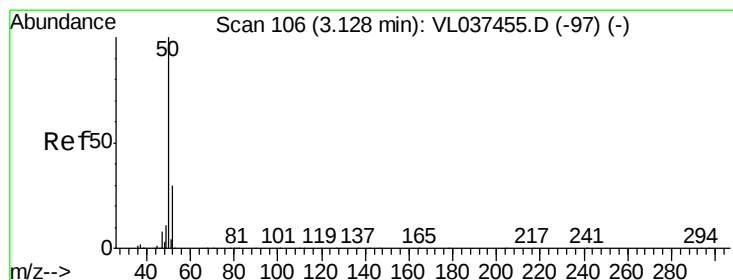
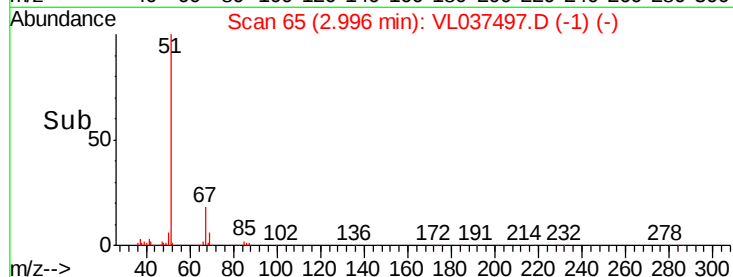
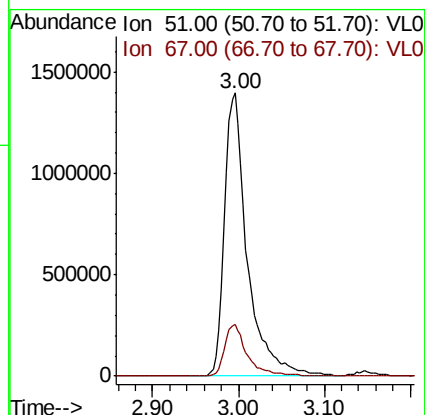
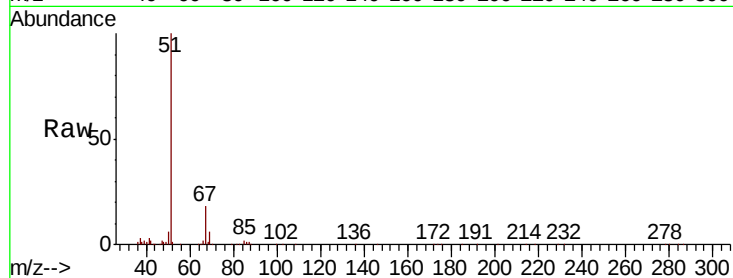




#3
Chlorodifluoromethane
Concen: 9.045 ppbv
RT: 3.00 min Scan# 65
Delta R.T. 0.02 min
Lab File: VL037497.D
Acq: 19 Aug 2021 13:08

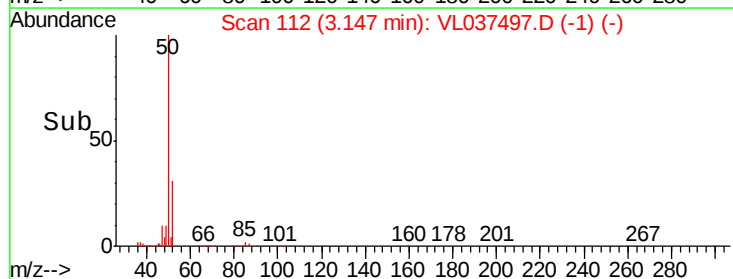
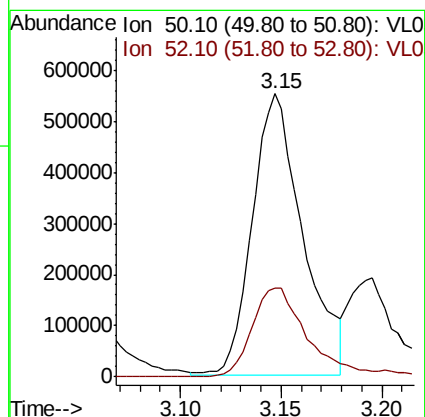
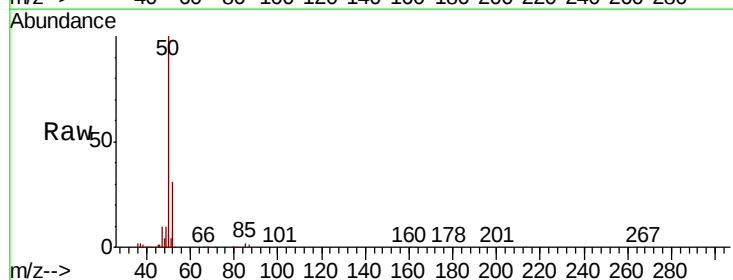
Instrument :
MSVOA_L
ClientSampleId :

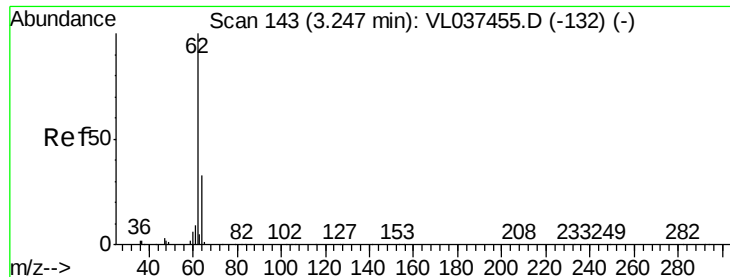
Tot Ion: 51 Resp: 2573675
Ion Ratio Lower Upper
51 100
67 18.1 14.2 21.2



#4
Chloromethane
Concen: 9.478 ppbv
RT: 3.15 min Scan# 112
Delta R.T. 0.02 min
Lab File: VL037497.D
Acq: 19 Aug 2021 13:08

Tgt Ion: 50 Resp: 963701
Ion Ratio Lower Upper
50 100
52 31.9 24.0 36.0





#5

Vinyl Chloride

Concen: 9.271 ppbv

RT: 3.26 min Scan# 148

Delta R.T. 0.02 min

Lab File: VL037497.D

Acq: 19 Aug 2021 13:08

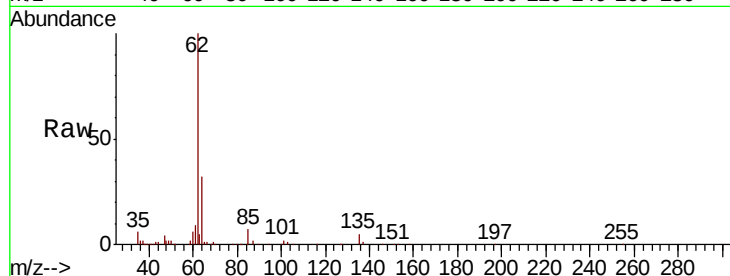
Instrument :
MSVOA_L
ClientSampled :

Tot Ion: 62 Resp: 965733

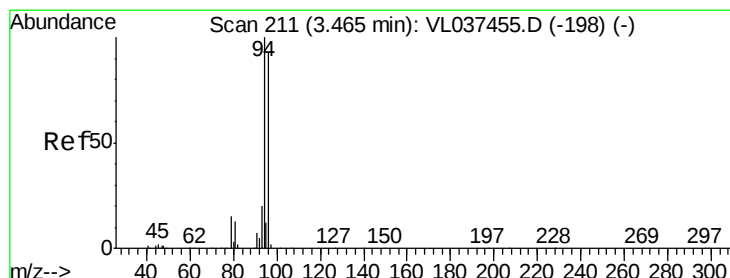
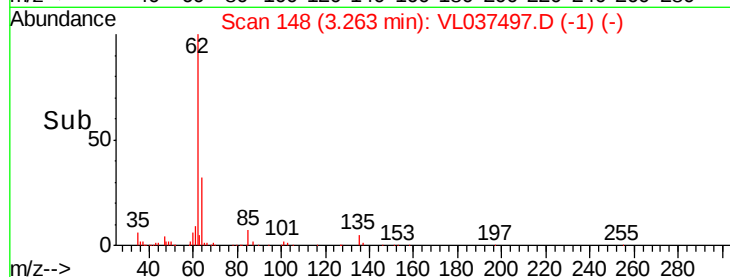
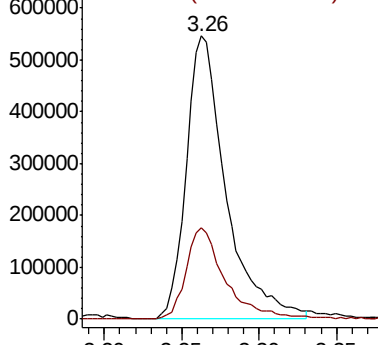
Ion Ratio Lower Upper

62 100

64 32.4 26.5 39.7



Abundance Ion 62.10 (61.80 to 62.80): VL0
Ion 64.10 (63.80 to 64.80): VL0



#6

Bromomethane

Concen: 8.218 ppbv

RT: 3.48 min Scan# 216

Delta R.T. 0.02 min

Lab File: VL037497.D

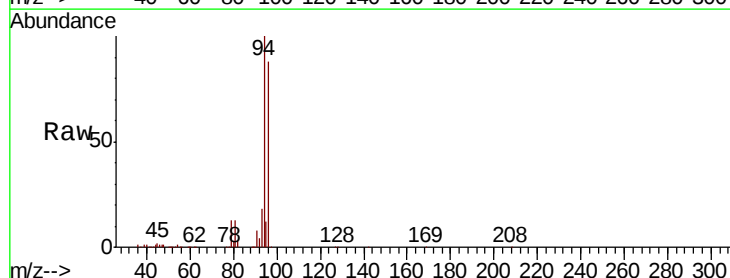
Acq: 19 Aug 2021 13:08

Tgt Ion: 94 Resp: 468954

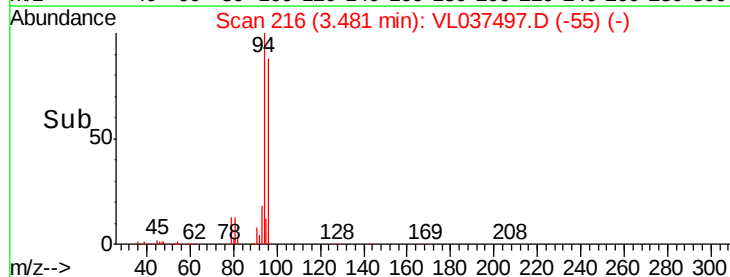
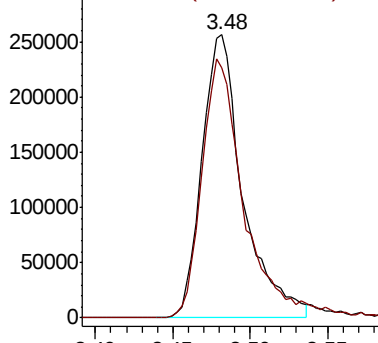
Ion Ratio Lower Upper

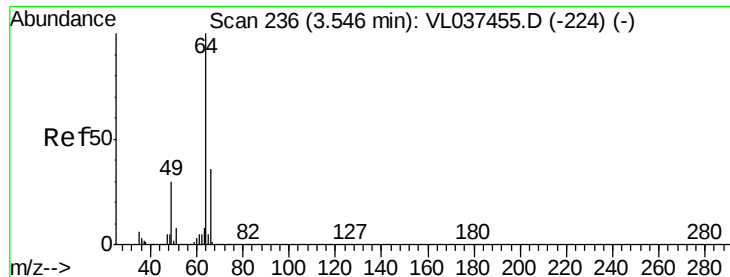
94 100

96 88.4 74.5 111.7



Abundance Ion 94.00 (93.70 to 94.70): VL0
Ion 96.00 (95.70 to 96.70): VL0





#7

Chloroethane

Concen: 9.326 ppbv

RT: 3.57 min Scan# 242

Delta R.T. 0.02 min

Lab File: VL037497.D

Acq: 19 Aug 2021 13:08

Instrument :

MSVOA_L

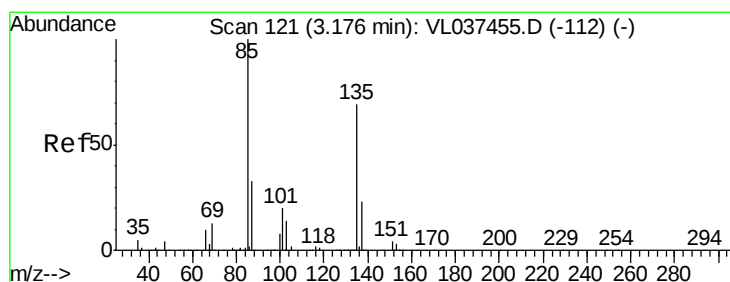
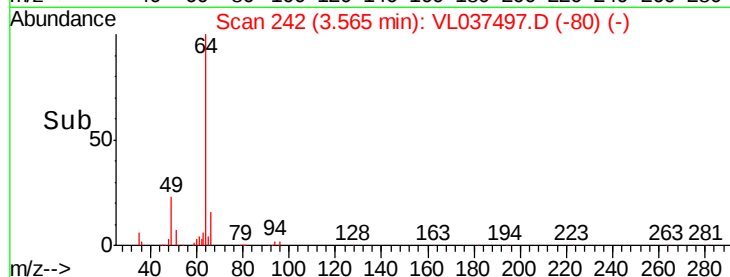
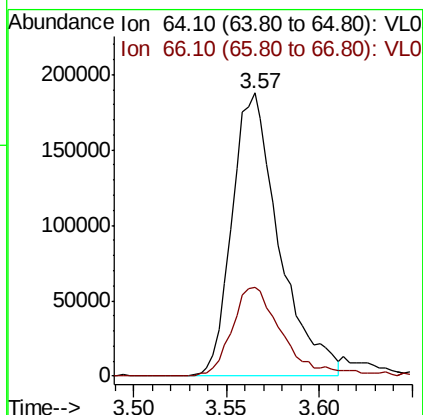
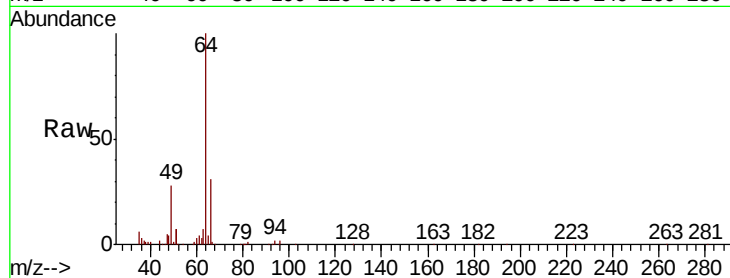
ClientSampleId :

Tot Ion: 64 Resp: 331582

Ion Ratio Lower Upper

64 100

66 31.5 28.6 43.0



#8

Dichlorotetrafluoroethane

Concen: 9.175 ppbv

RT: 3.20 min Scan# 127

Delta R.T. 0.02 min

Lab File: VL037497.D

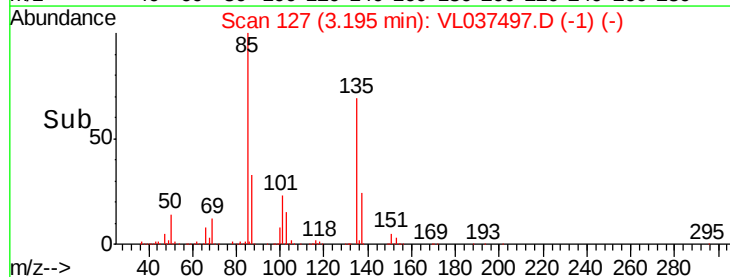
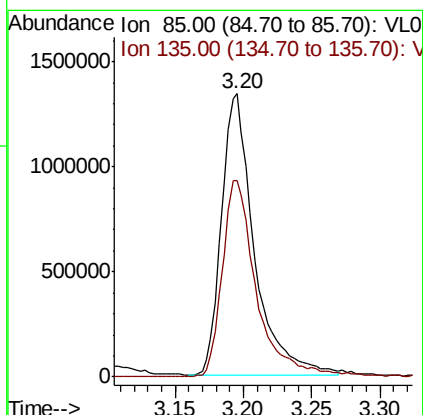
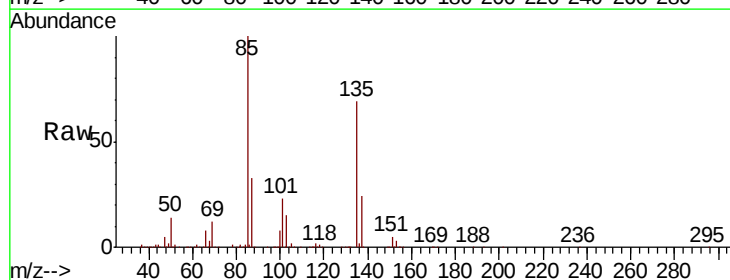
Acq: 19 Aug 2021 13:08

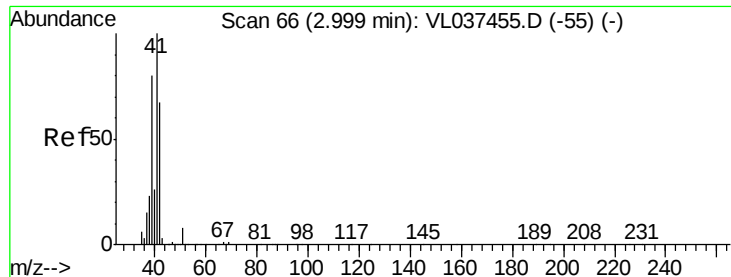
Tgt Ion: 85 Resp: 2258068

Ion Ratio Lower Upper

85 100

135 73.5 58.8 88.2





#9

Propene

Concen: 8.842 ppbv

RT: 3.02 min Scan# 71

Delta R.T. 0.02 min

Lab File: VL037497.D

Acq: 19 Aug 2021 13:08

Instrument :

MSVOA_L

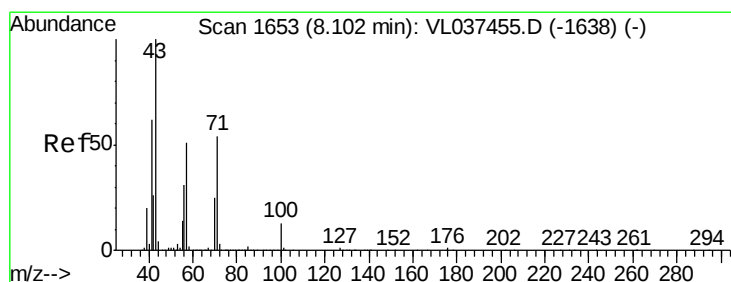
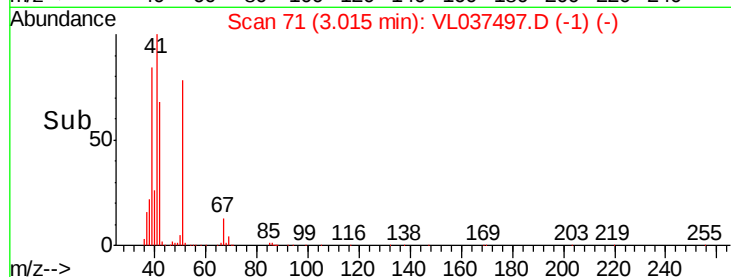
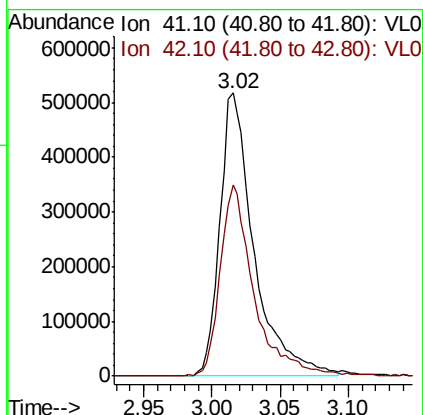
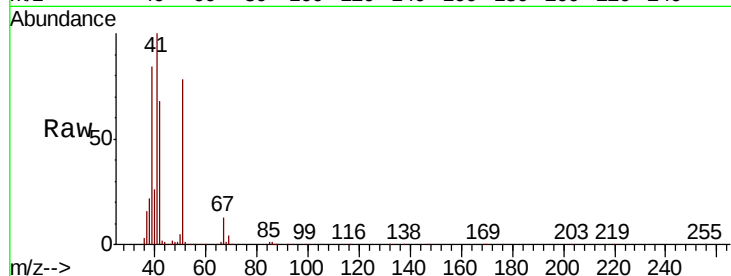
ClientSampleId :

Tot Ion: 41 Resp: 900133

Ion Ratio Lower Upper

41 100

42 67.5 53.7 80.5



#10

Heptane

Concen: 9.677 ppbv

RT: 8.13 min Scan# 1661

Delta R.T. 0.03 min

Lab File: VL037497.D

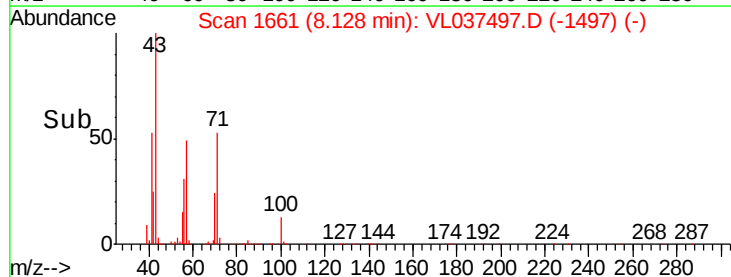
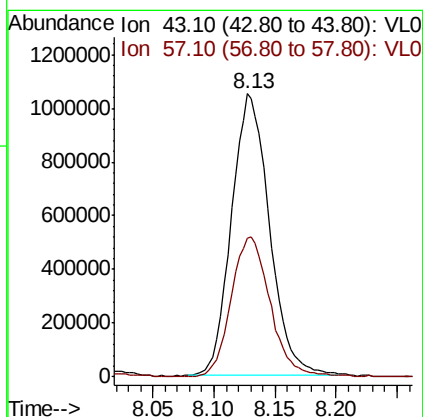
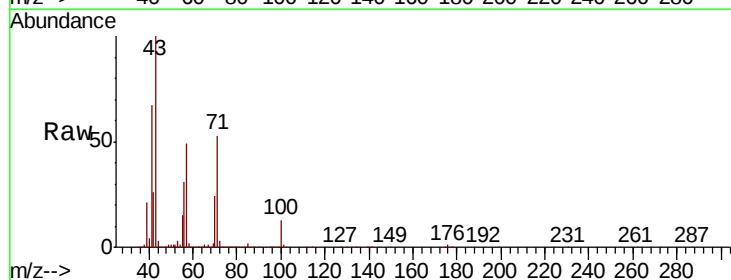
Acq: 19 Aug 2021 13:08

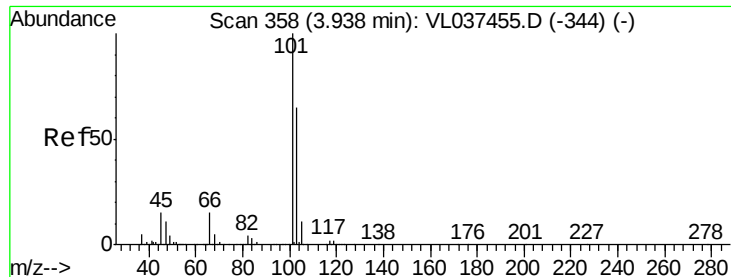
Tgt Ion: 43 Resp: 2267606

Ion Ratio Lower Upper

43 100

57 51.3 41.0 61.6

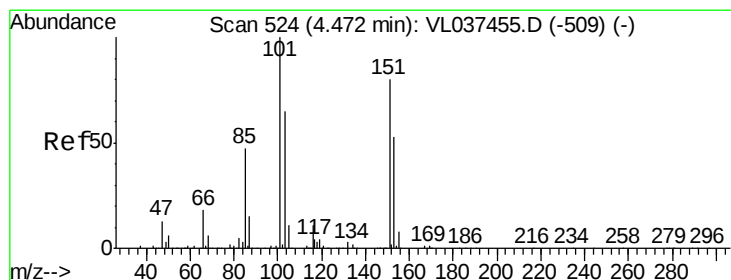
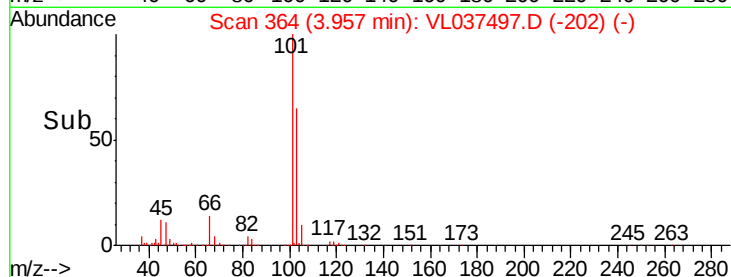
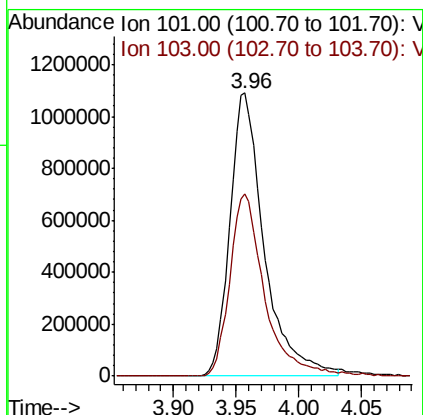
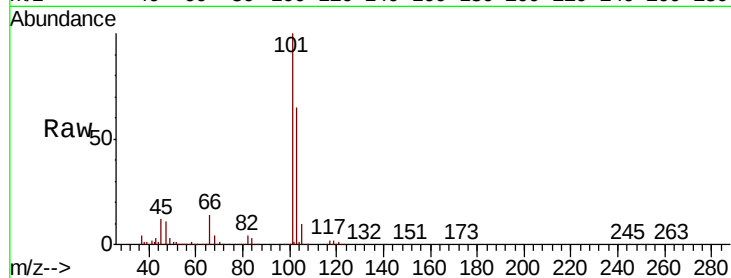




#11
 Trichlorofluoromethane
 Concen: 9.265 ppbv
 RT: 3.96 min Scan# 364
 Delta R.T. 0.02 min
 Lab File: VL037497.D
 Acq: 19 Aug 2021 13:08

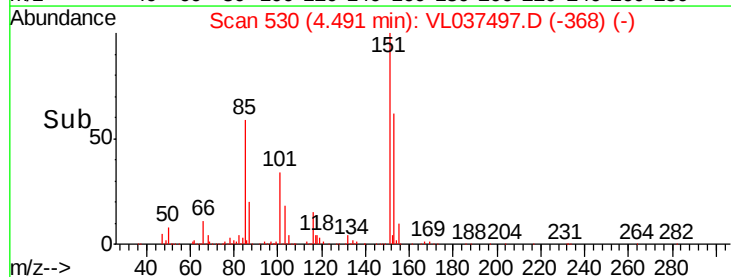
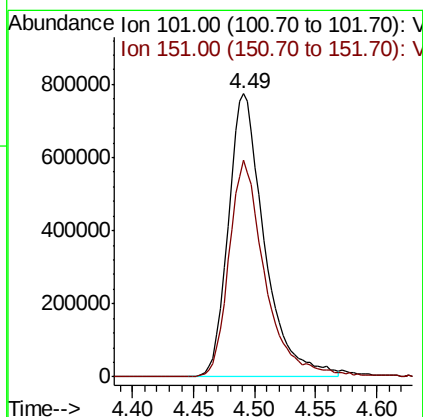
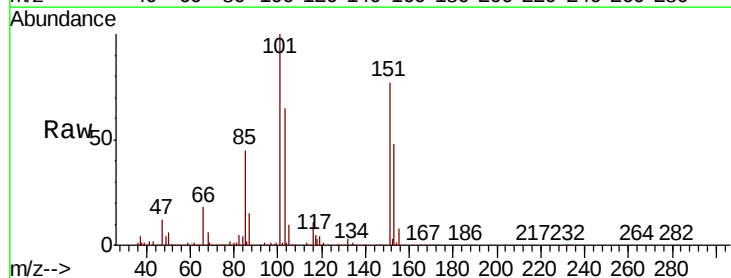
Instrument :
 MSVOA_L
 ClientSampleId :

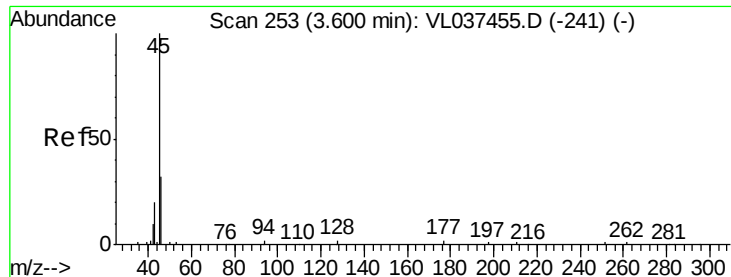
Tot Ion:101 Resp: 2073340
 Ion Ratio Lower Upper
 101 100
 103 64.5 51.8 77.6



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.726 ppbv
 RT: 4.49 min Scan# 530
 Delta R.T. 0.02 min
 Lab File: VL037497.D
 Acq: 19 Aug 2021 13:08

Tgt Ion:101 Resp: 1597124
 Ion Ratio Lower Upper
 101 100
 151 77.2 63.7 95.5

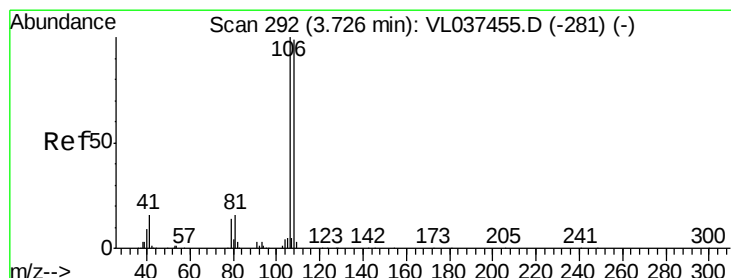
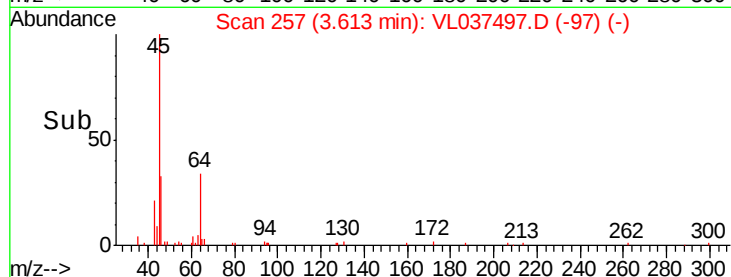
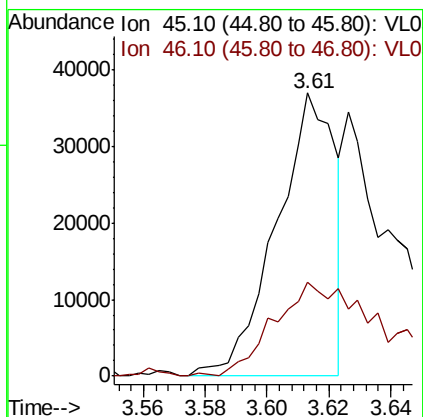
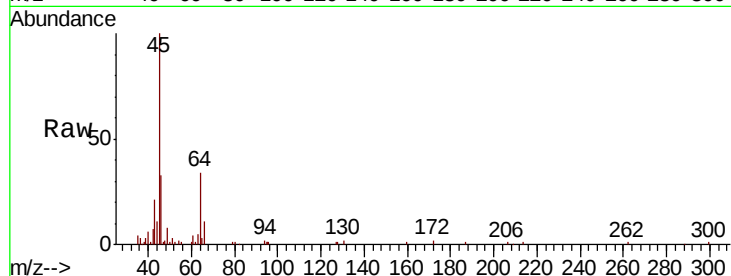




#13
Ethanol
Concen: 4.901 ppbv
RT: 3.61 min Scan# 257
Delta R.T. 0.01 min
Lab File: VL037497.D
Acq: 19 Aug 2021 13:08

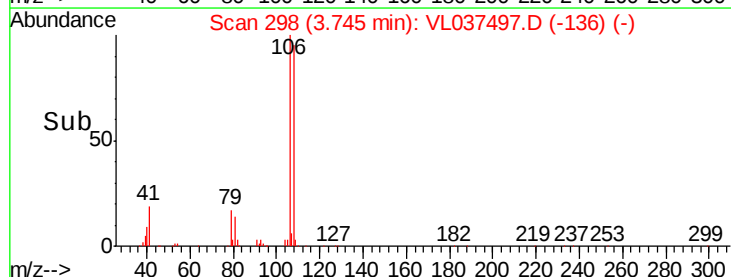
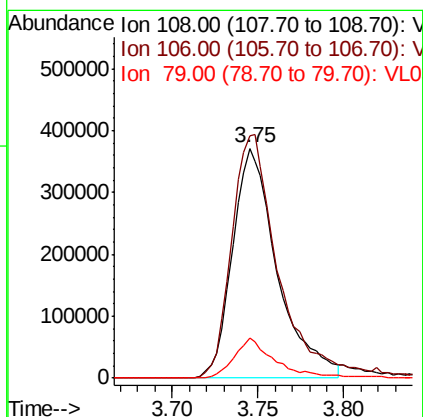
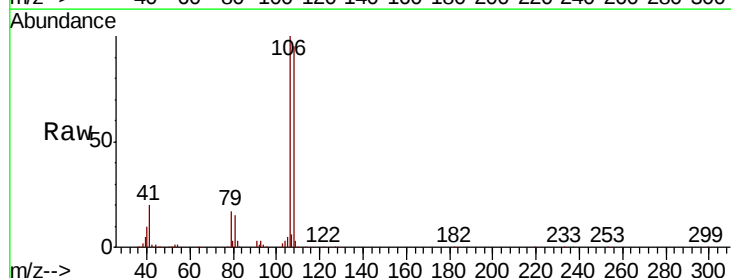
Instrument :
MSVOA_L
ClientSampleId :

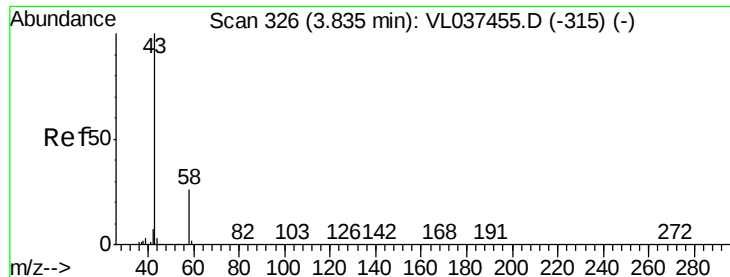
Tot Ion: 45 Resp: 48552
Ion Ratio Lower Upper
45 100
46 70.1 14.1 56.5#



#14
Bromoethene
Concen: 9.011 ppbv
RT: 3.75 min Scan# 298
Delta R.T. 0.02 min
Lab File: VL037497.D
Acq: 19 Aug 2021 13:08

Tgt Ion: 108 Resp: 671777
Ion Ratio Lower Upper
108 100
106 113.2 85.8 128.8
79 16.8 12.6 18.8





#15

Acetone

Concen: 7.704 ppbv

RT: 3.85 min Scan# 332

Delta R.T. 0.02 min

Lab File: VL037497.D

Acq: 19 Aug 2021 13:08

Instrument :

MSVOA_L

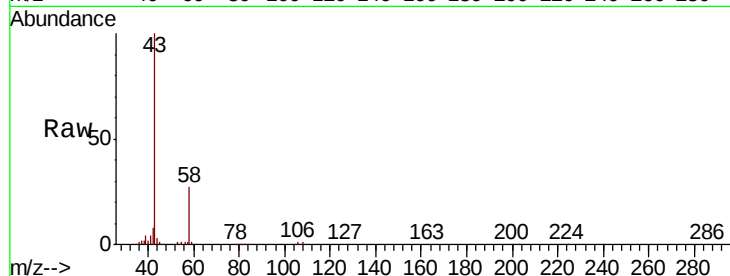
ClientSampleId :

Tot Ion: 43 Resp: 1164961

Ion Ratio Lower Upper

43 100

58 30.2 24.8 37.2



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

3.85

600000

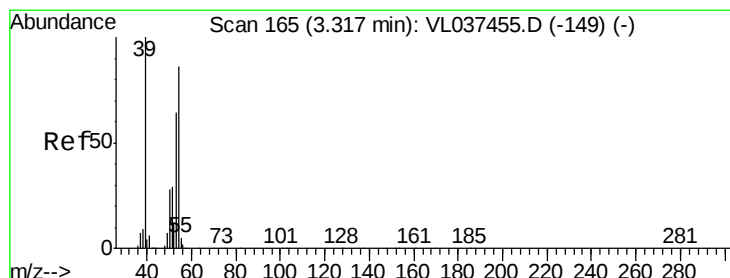
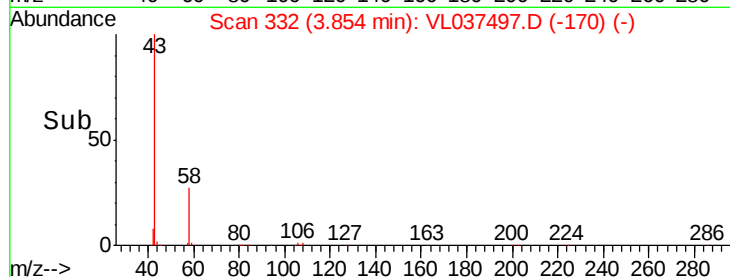
400000

200000

0

3.80 3.85 3.90 3.95

Time-->



#16

1,3-Butadiene

Concen: 9.555 ppbv

RT: 3.33 min Scan# 170

Delta R.T. 0.02 min

Lab File: VL037497.D

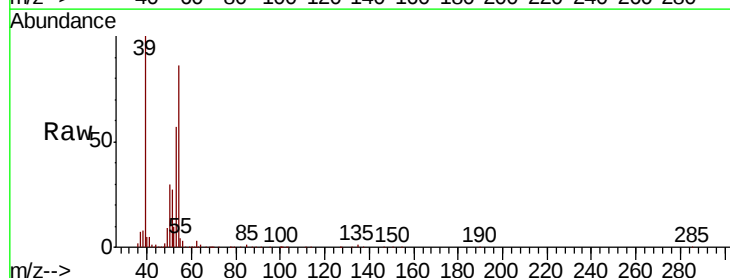
Acq: 19 Aug 2021 13:08

Tgt Ion: 39 Resp: 926858

Ion Ratio Lower Upper

39 100

54 78.0 63.7 95.5



Abundance Ion 39.10 (38.80 to 39.80): VL0

Ion 54.10 (53.80 to 54.80): VL0

3.33

500000

400000

300000

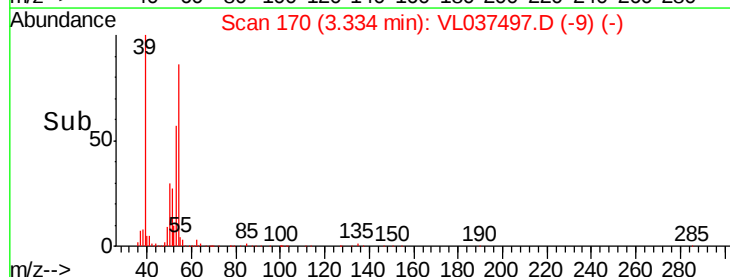
200000

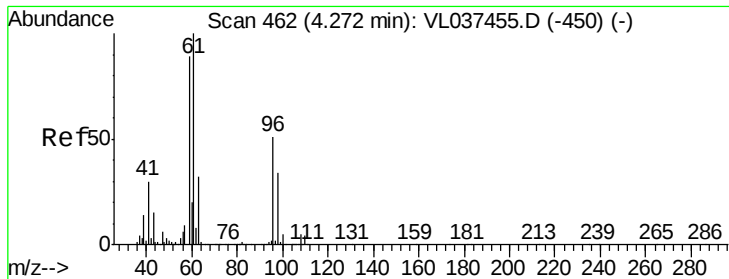
100000

0

3.25 3.30 3.35 3.40

Time-->



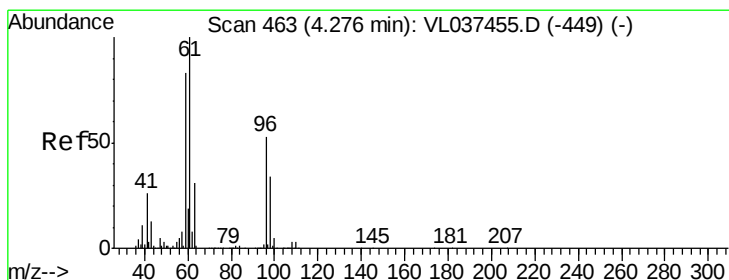
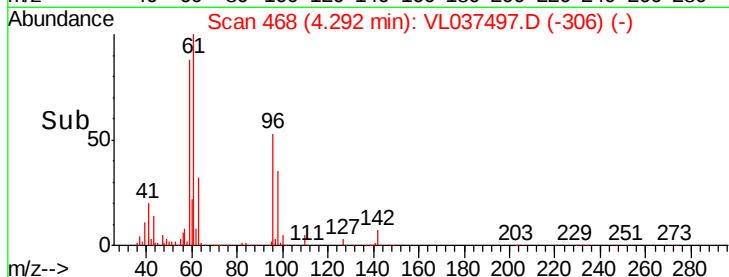
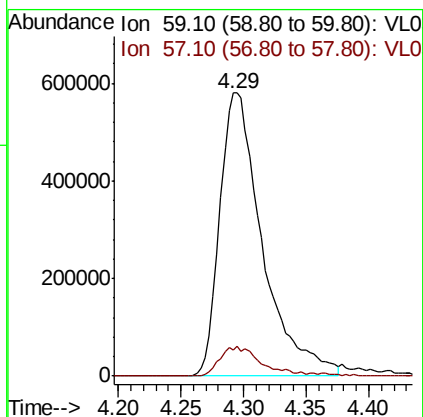
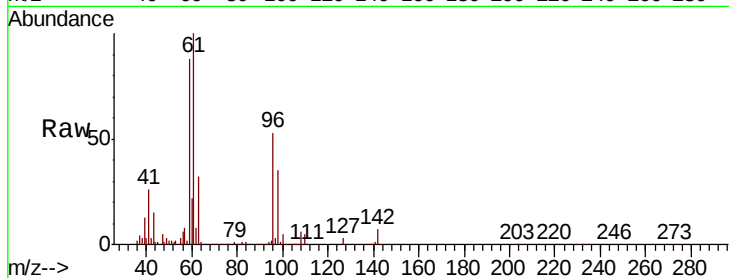


#17

tert-Butyl alcohol
Concen: 9.917 ppbv
RT: 4.29 min Scan# 468
Delta R.T. 0.02 min
Lab File: VL037497.D
Acq: 19 Aug 2021 13:08

Instrument :
MSVOA_L
ClientSampleId :

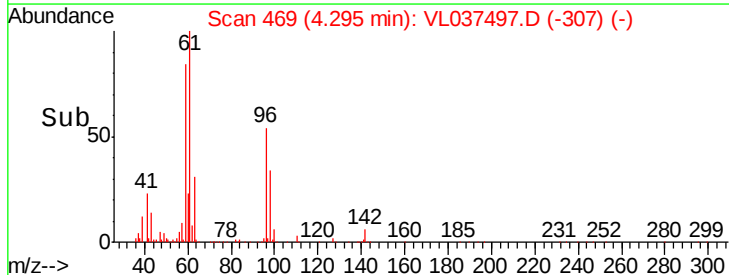
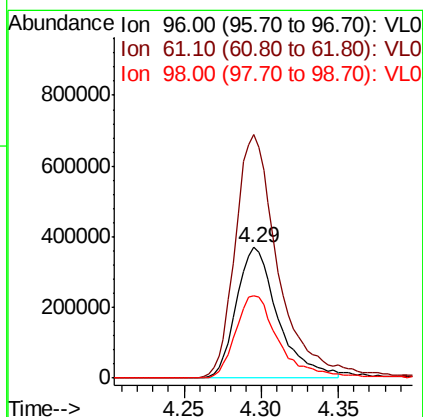
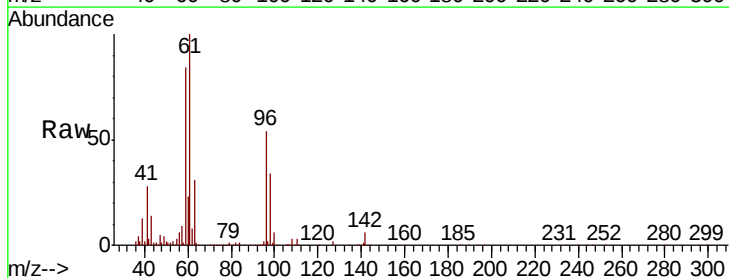
Tot Ion: 59 Resp: 1369928
Ion Ratio Lower Upper
59 100
57 11.2 8.3 12.5

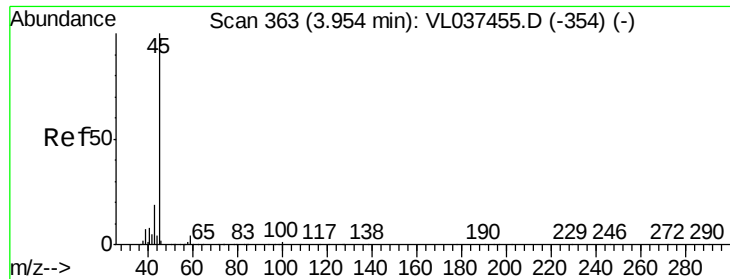


#18

1,1-Dichloroethene
Concen: 9.293 ppbv
RT: 4.29 min Scan# 469
Delta R.T. 0.02 min
Lab File: VL037497.D
Acq: 19 Aug 2021 13:08

Tgt Ion: 96 Resp: 693229
Ion Ratio Lower Upper
96 100
61 186.3 151.1 226.7
98 62.7 51.8 77.8





#19

Isopropyl Alcohol

Concen: 8.186 ppbv

RT: 3.97 min Scan# 369

Delta R.T. 0.02 min

Lab File: VL037497.D

Acq: 19 Aug 2021 13:08

Instrument :

MSVOA_L

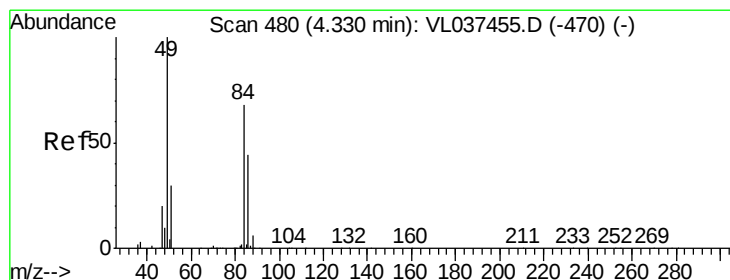
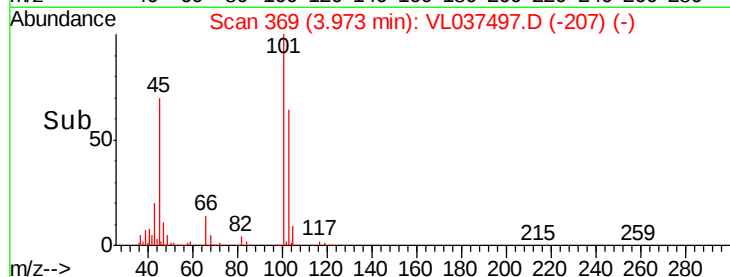
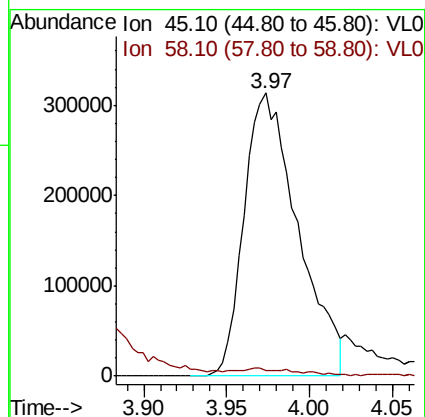
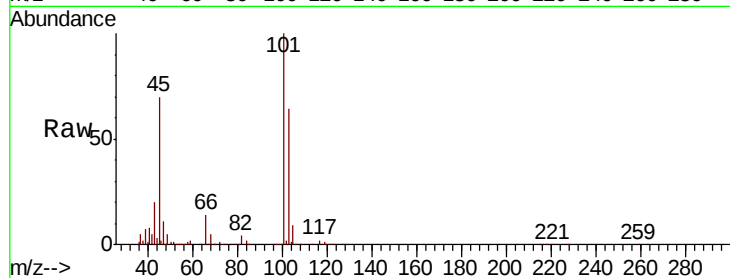
ClientSampleId :

Tot Ion: 45 Resp: 709220

Ion Ratio Lower Upper

45 100

58 4.1 1.4 2.2#



#20

Methylene Chloride

Concen: 8.086 ppbv

RT: 4.35 min Scan# 487

Delta R.T. 0.02 min

Lab File: VL037497.D

Acq: 19 Aug 2021 13:08

Tgt Ion: 84 Resp: 612198

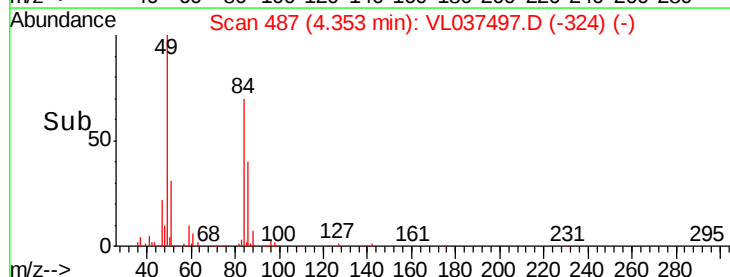
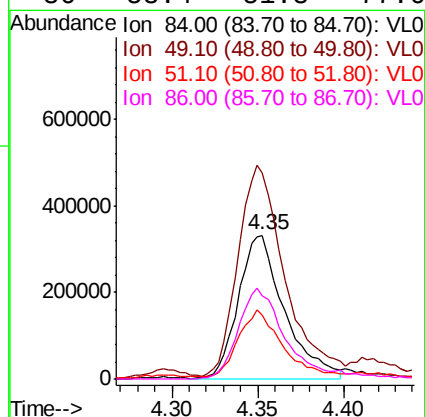
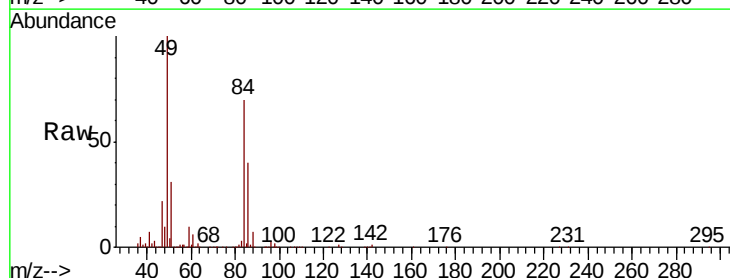
Ion Ratio Lower Upper

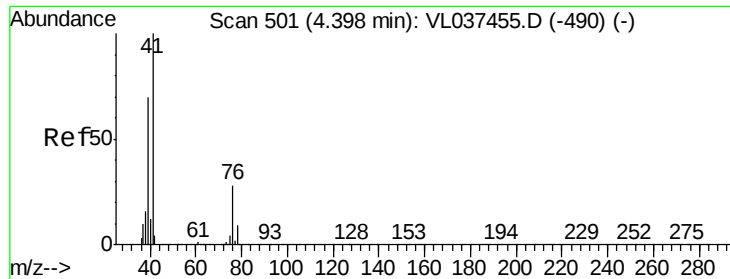
84 100

49 141.0 118.2 177.2

51 41.6 36.6 55.0

86 58.4 51.8 77.6

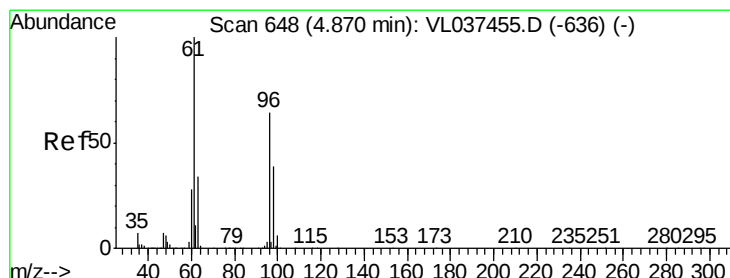
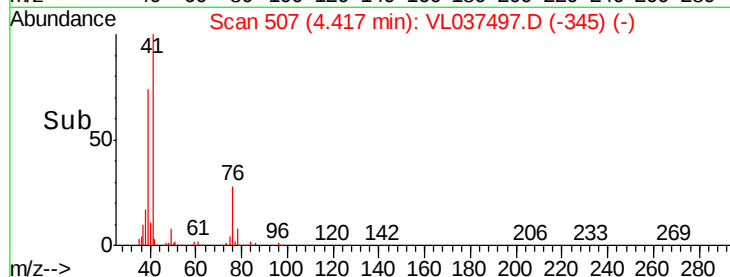
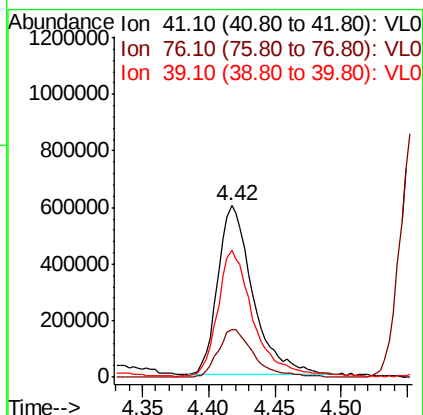
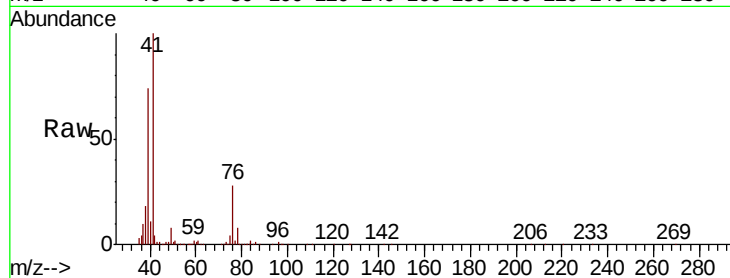




#21
Allvl Chloride
Concen: 8.971 ppbv
RT: 4.42 min Scan# 507
Delta R.T. 0.02 min
Lab File: VL037497.D
Acq: 19 Aug 2021 13:08

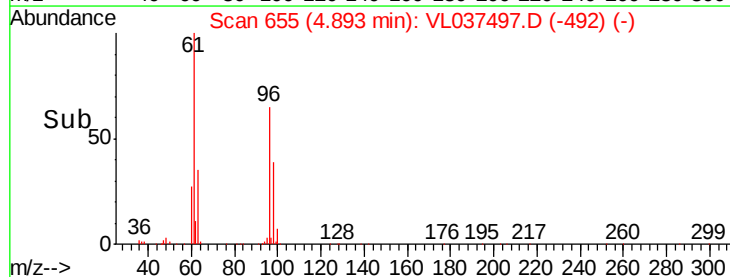
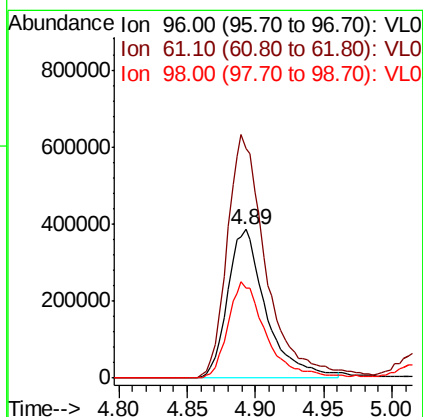
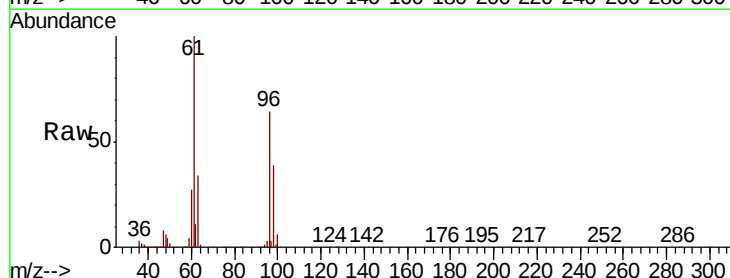
Instrument :
MSVOA_L
ClientSampled :

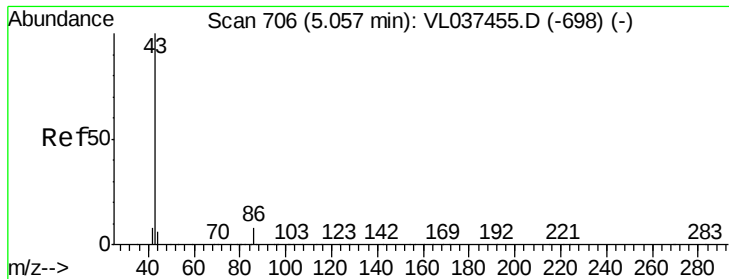
Tot Ion: 41 Resp: 1101875
Ion Ratio Lower Upper
41 100
76 29.5 21.8 32.6
39 76.6 56.8 85.2



#22
trans-1,2-Dichloroethene
Concen: 10.189 ppbv
RT: 4.89 min Scan# 655
Delta R.T. 0.02 min
Lab File: VL037497.D
Acq: 19 Aug 2021 13:08

Tgt Ion: 96 Resp: 758319
Ion Ratio Lower Upper
96 100
61 155.1 125.5 188.3
98 60.9 49.0 73.4



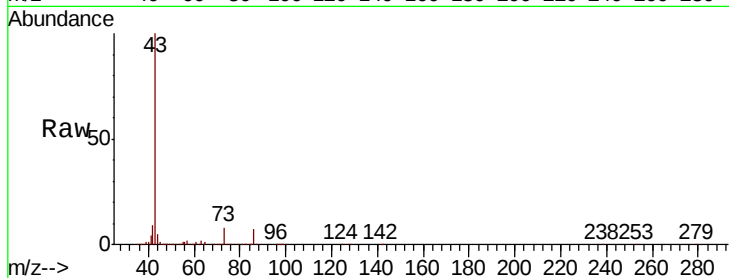


#23
 Vinyl Acetate
 Concen: 7.819 ppbv
 RT: 5.08 min Scan# 713
 Delta R.T. 0.02 min
 Lab File: VL037497.D
 Acq: 19 Aug 2021 13:08

Instrument :
 MSVOA_L
 ClientSampled :

Tot Ion: 43 Resp: 1742789

Ion	Ratio	Lower	Upper
43	100		
86	6.9	5.7	8.5
42	9.0	7.4	11.2
44	4.9	4.3	6.5



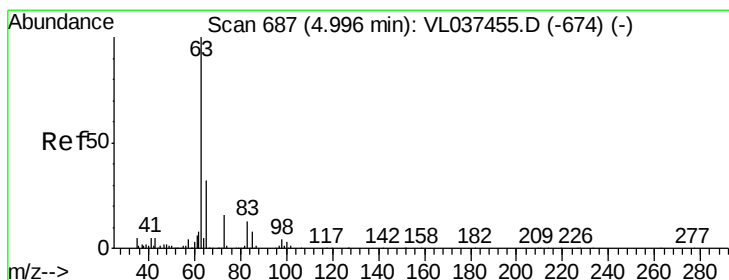
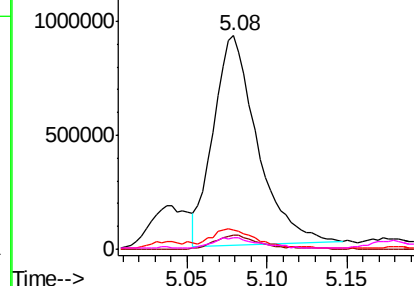
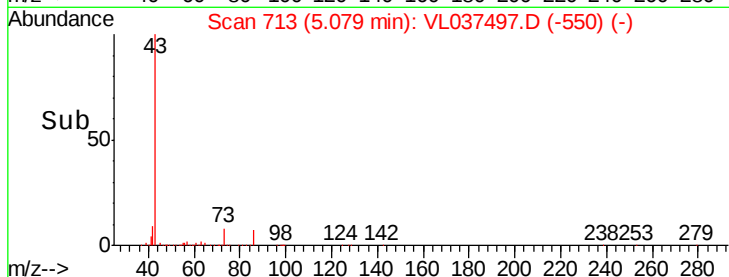
Abundance

Ion 43.10 (42.80 to 43.80): VL0

Ion 86.10 (85.80 to 86.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

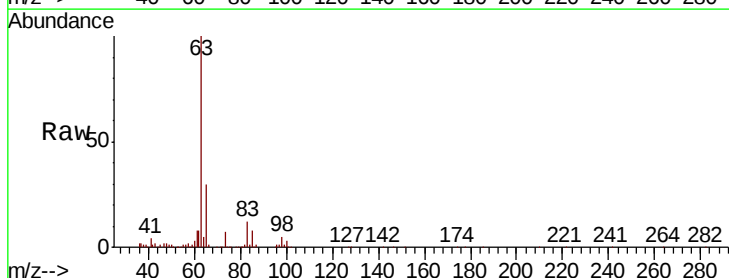
Ion 44.10 (43.80 to 44.80): VL0



#24
 1,1-Dichloroethane
 Concen: 9.004 ppbv
 RT: 5.02 min Scan# 693
 Delta R.T. 0.02 min
 Lab File: VL037497.D
 Acq: 19 Aug 2021 13:08

Tgt Ion: 63 Resp: 1455592

Ion	Ratio	Lower	Upper
63	100		
98	4.3	2.1	6.3
100	2.5	1.6	4.7

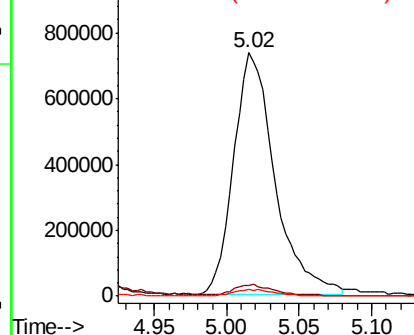
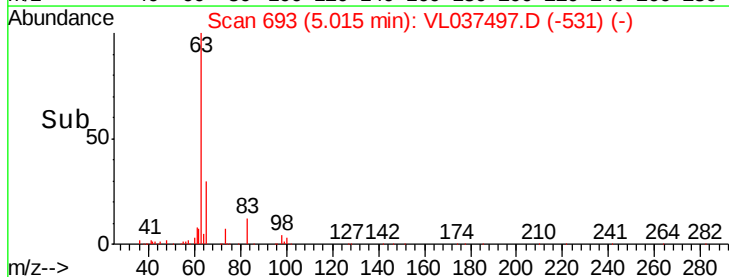


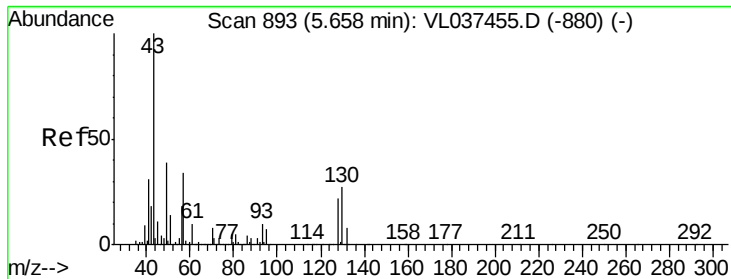
Abundance

Ion 63.10 (62.80 to 63.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

Ion 100.00 (99.70 to 100.70): VL0

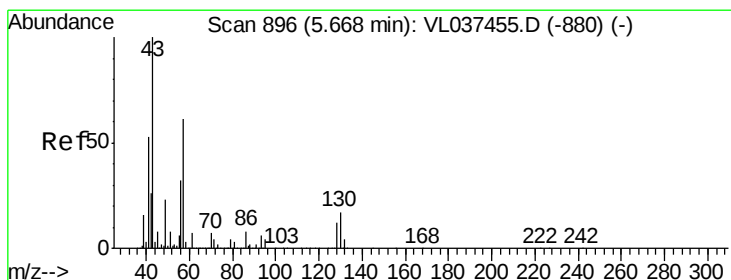
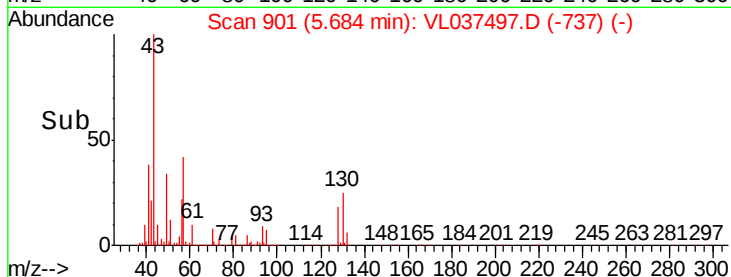
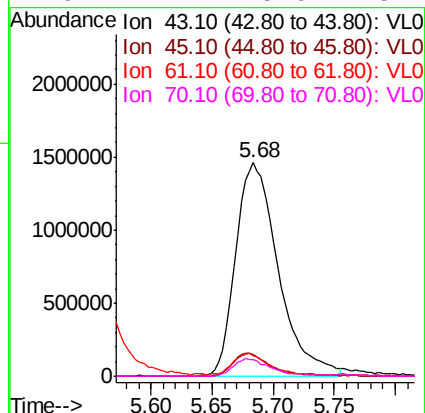
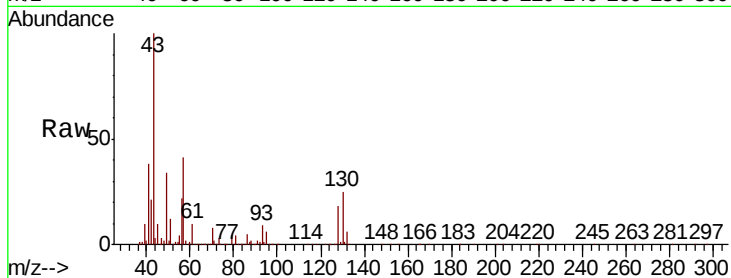




#25
Ethyl Acetate
Concen: 9.197 ppbv
RT: 5.68 min Scan# 901
Delta R.T. 0.03 min
Lab File: VL037497.D
Acq: 19 Aug 2021 13:08

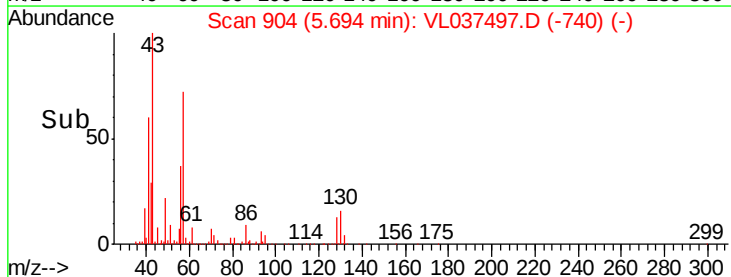
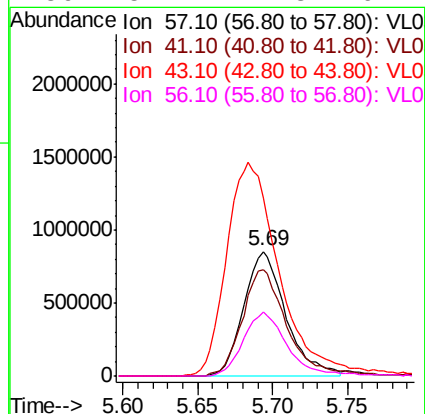
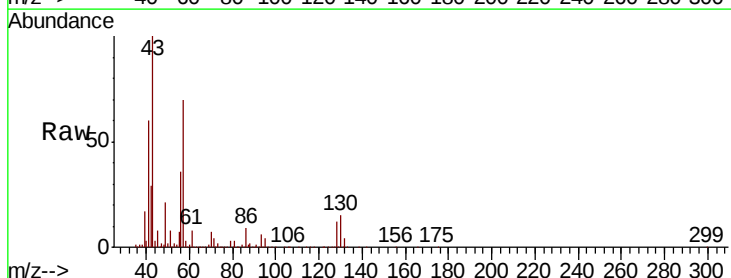
Instrument :
MSVOA_L
ClientSampleId :

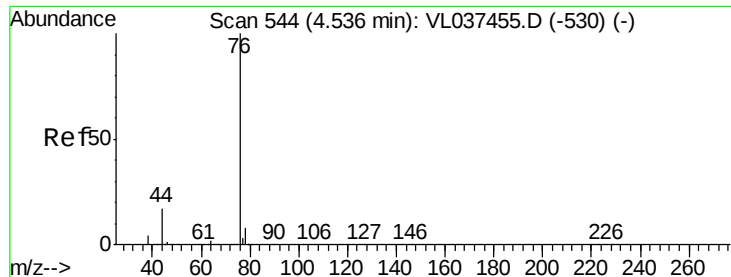
Tot Ion:	43	Resp:	3530638
Ion	Ratio	Lower	Upper
43	100		
45	10.0	8.0	12.0
61	9.9	8.0	12.0
70	7.4	5.6	8.4



#26
Hexane
Concen: 8.870 ppbv
RT: 5.69 min Scan# 904
Delta R.T. 0.03 min
Lab File: VL037497.D
Acq: 19 Aug 2021 13:08

Tgt Ion:	57	Resp:	1664846
Ion	Ratio	Lower	Upper
57	100		
41	91.8	72.3	108.5
43	217.3	172.3	258.5
56	54.4	42.8	64.2





#27

Carbon Disulfide

Concen: 10.640 ppbv

RT: 4.56 min Scan# 550

Delta R.T. 0.02 min

Lab File: VL037497.D

Acq: 19 Aug 2021 13:08

Instrument :

MSVOA_L

ClientSampleId :

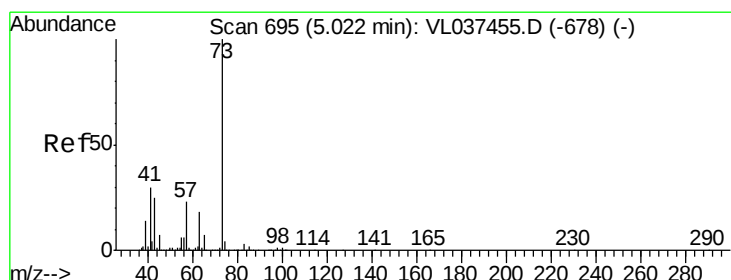
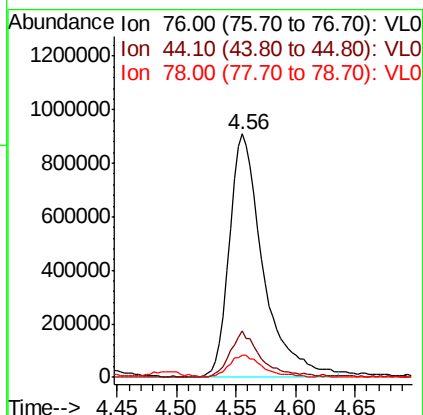
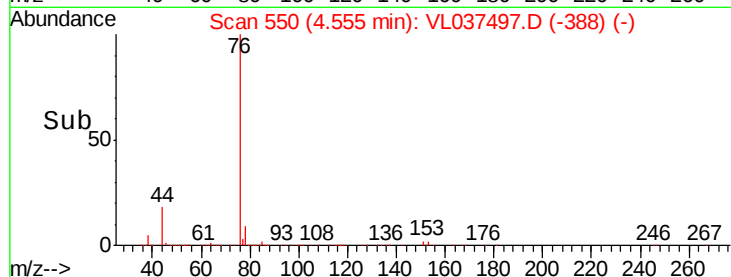
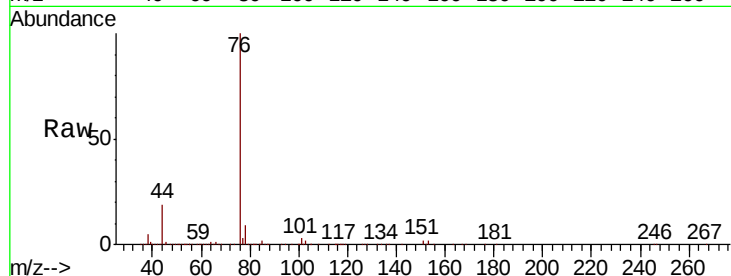
Tot Ion: 76 Resp: 1779772

Ion Ratio Lower Upper

76 100

44 17.4 13.9 20.9

78 9.9 7.9 11.9



#28

Methyl tert-Butyl Ether

Concen: 8.374 ppbv

RT: 5.04 min Scan# 701

Delta R.T. 0.02 min

Lab File: VL037497.D

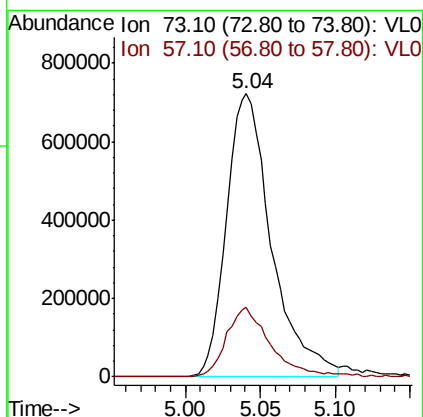
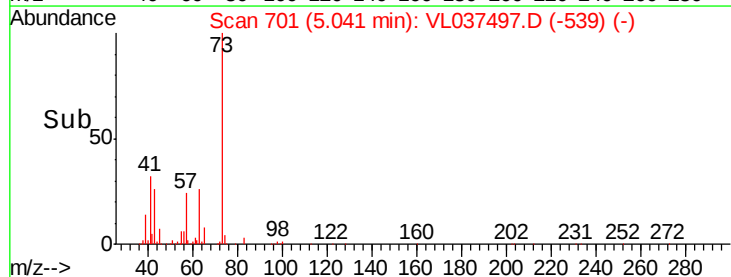
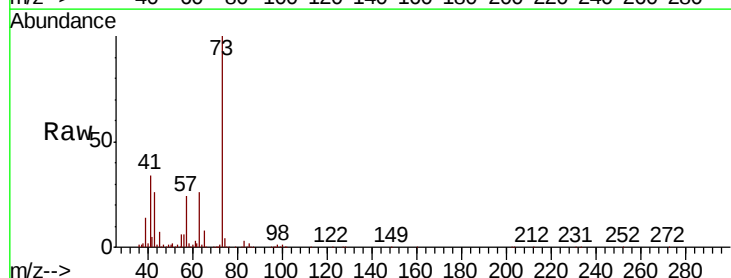
Acq: 19 Aug 2021 13:08

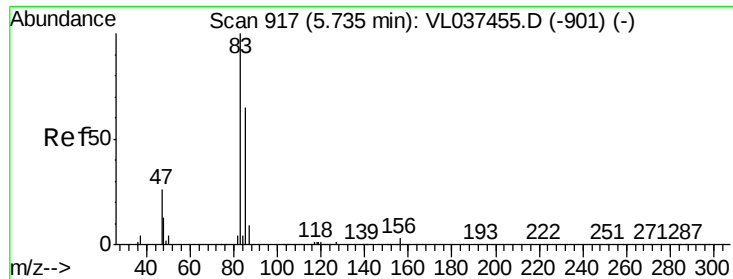
Tgt Ion: 73 Resp: 1509597

Ion Ratio Lower Upper

73 100

57 24.5 19.4 29.2

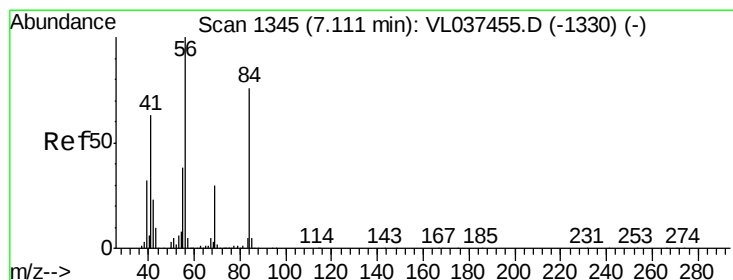
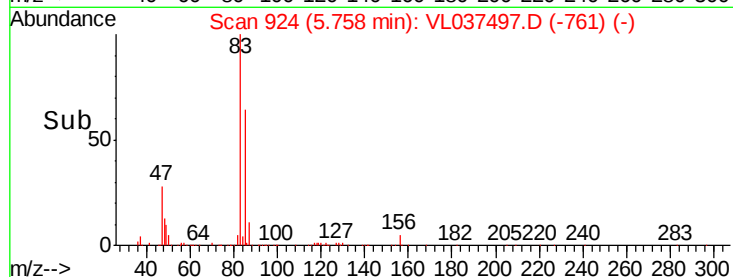
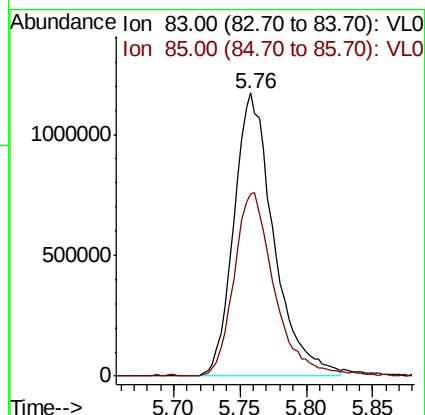
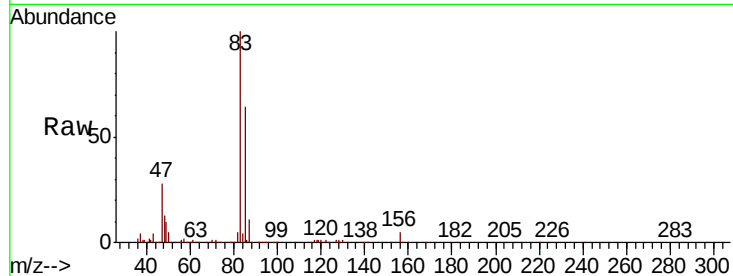




#29
Chloroform
Concen: 9.192 ppbv
RT: 5.76 min Scan# 924
Delta R.T. 0.02 min
Lab File: VL037497.D
Acq: 19 Aug 2021 13:08

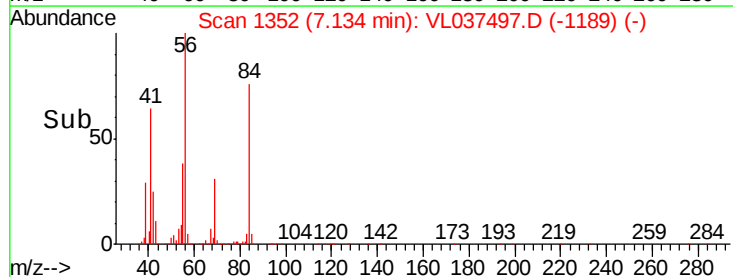
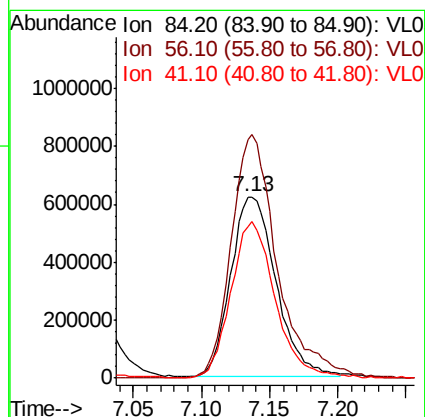
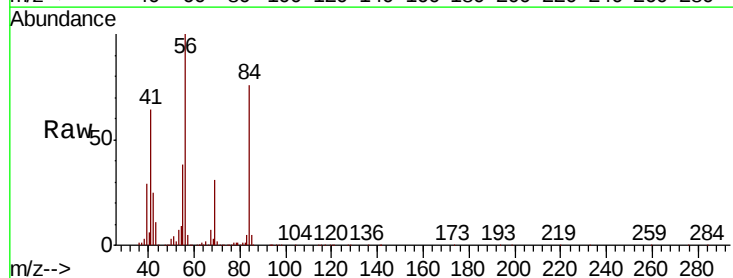
Instrument :
MSVOA_L
ClientSampleId :

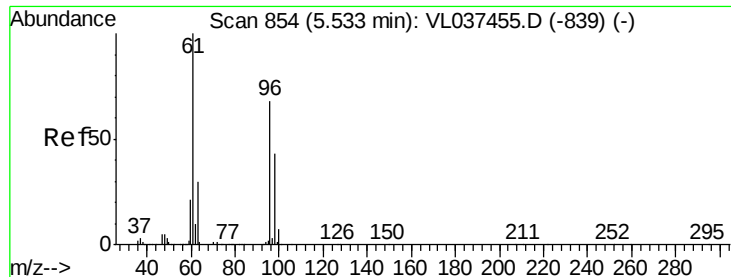
Tot Ion: 83 Resp: 2445118
Ion Ratio Lower Upper
83 100
85 64.3 52.3 78.5



#30
Cyclohexane
Concen: 9.197 ppbv
RT: 7.13 min Scan# 1352
Delta R.T. 0.02 min
Lab File: VL037497.D
Acq: 19 Aug 2021 13:08

Tgt Ion: 84 Resp: 1438386
Ion Ratio Lower Upper
84 100
56 138.3 110.6 165.8
41 84.2 67.0 100.6





#31

cis-1,2-Dichloroethene

Concen: 9.303 ppbv

RT: 5.56 min Scan# 861

Delta R.T. 0.02 min

Lab File: VL037497.D

Acq: 19 Aug 2021 13:08

Instrument :
MSVOA_L
ClientSampleId :

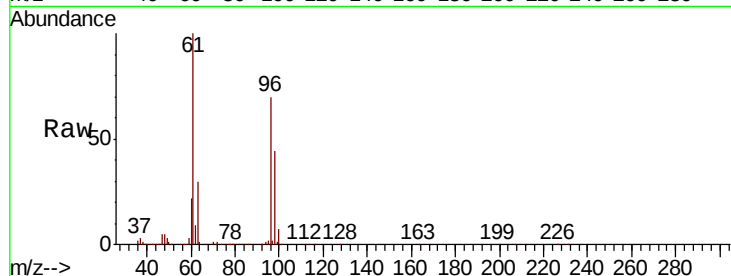
Tot Ion: 61 Resp: 1580431

Ion Ratio Lower Upper

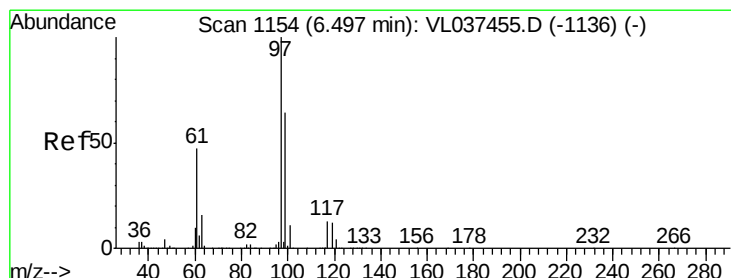
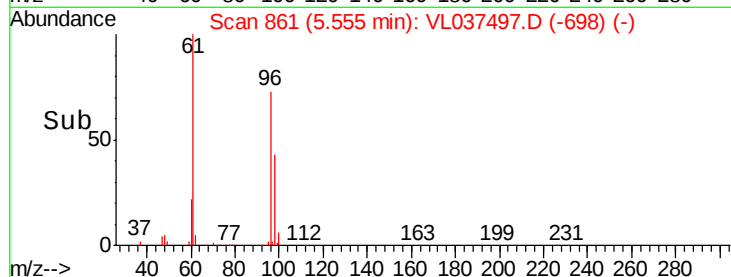
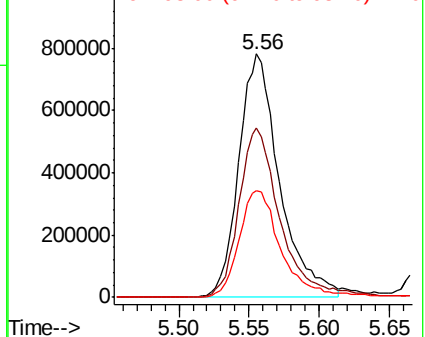
61 100

96 69.7 54.8 82.2

98 43.6 34.2 51.2



Abundance Ion 61.10 (60.80 to 61.80): VL0
Ion 96.00 (95.70 to 96.70): VL0
Ion 98.00 (97.70 to 98.70): VL0



#32

1,1,1-Trichloroethane

Concen: 9.204 ppbv

RT: 6.52 min Scan# 1161

Delta R.T. 0.02 min

Lab File: VL037497.D

Acq: 19 Aug 2021 13:08

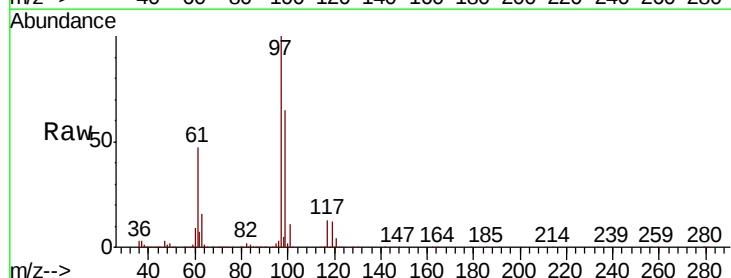
Tgt Ion: 97 Resp: 2405613

Ion Ratio Lower Upper

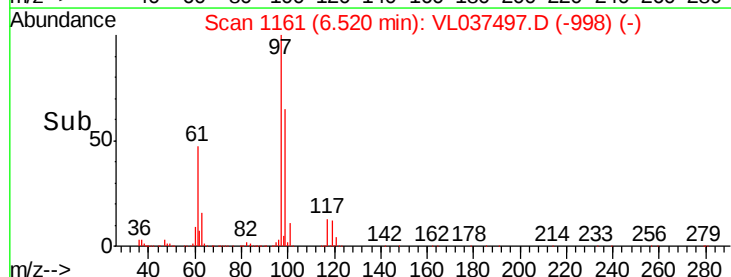
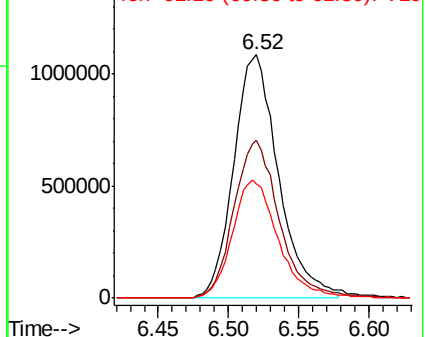
97 100

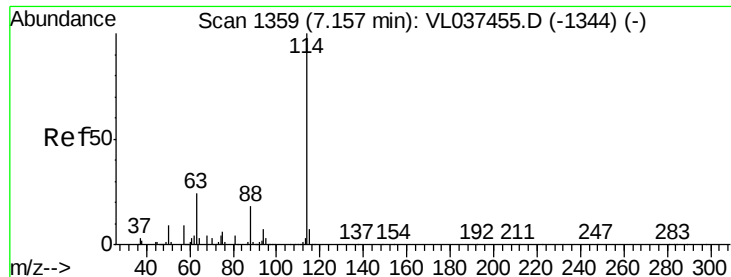
99 66.4 51.8 77.6

61 50.2 39.6 59.4



Abundance Ion 97.00 (96.70 to 97.70): VL0
Ion 99.00 (98.70 to 99.70): VL0
Ion 61.10 (60.80 to 61.80): VL0

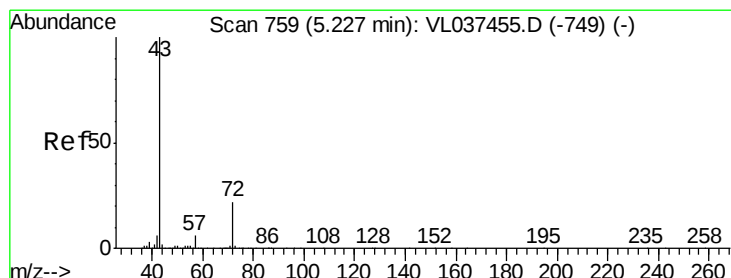
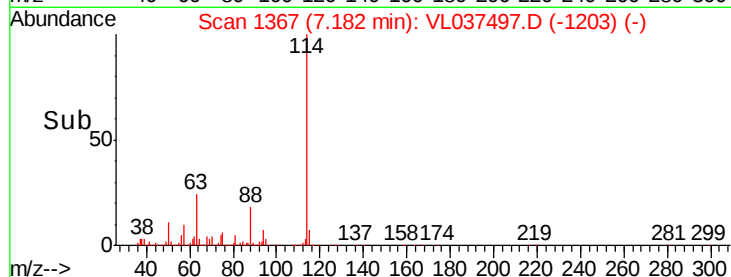
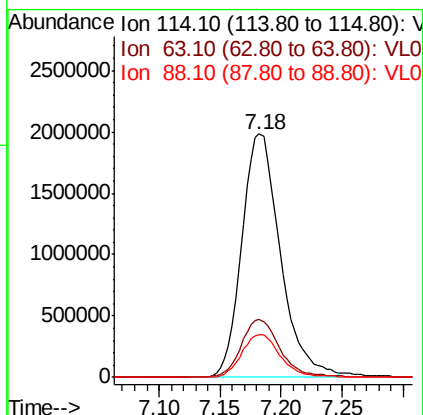
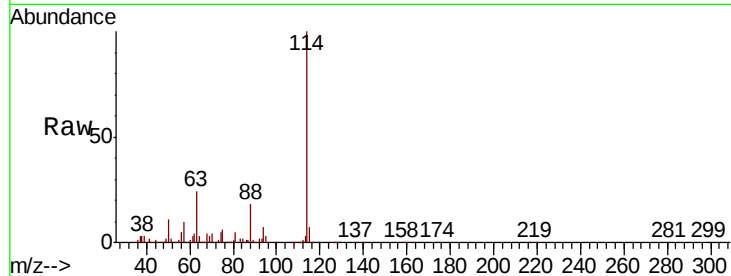




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1367
 Delta R.T. 0.03 min
 Lab File: VL037497.D
 Acq: 19 Aug 2021 13:08

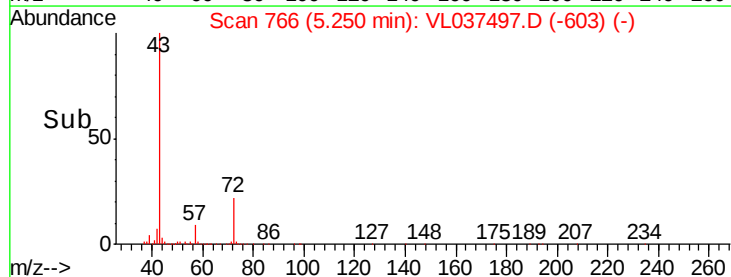
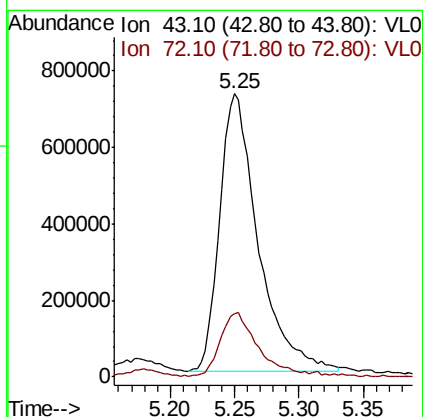
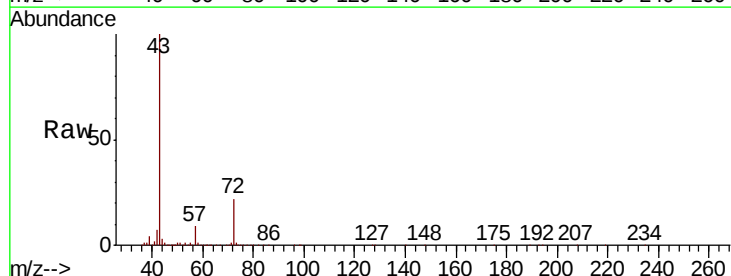
Instrument :
 MSVOA_L
 ClientSampleId :

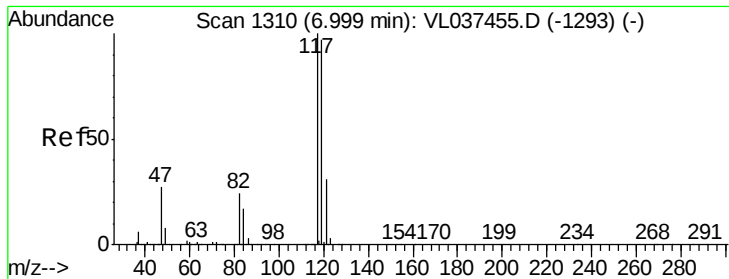
Tot Ion:114 Resp: 4317522
 Ion Ratio Lower Upper
 114 100
 63 24.4 19.3 28.9
 88 17.9 14.2 21.4



#34
 2-Butanone
 Concen: 8.570 ppbv
 RT: 5.25 min Scan# 766
 Delta R.T. 0.02 min
 Lab File: VL037497.D
 Acq: 19 Aug 2021 13:08

Tgt Ion: 43 Resp: 1510967
 Ion Ratio Lower Upper
 43 100
 72 24.0 17.4 26.0





#35

Carbon Tetrachloride

Concen: 9.925 ppbv

RT: 7.02 min Scan# 1318

Delta R.T. 0.03 min

Lab File: VL037497.D

Acq: 19 Aug 2021 13:08

Instrument :

MSVOA_L

ClientSampleId :

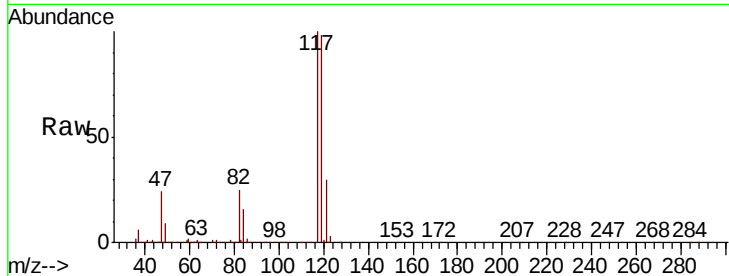
Tot Ion:117 Resp: 2532540

Ion Ratio Lower Upper

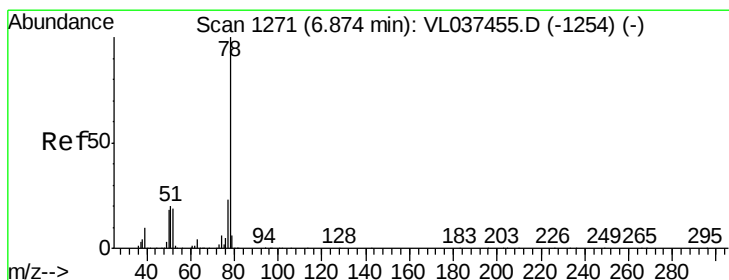
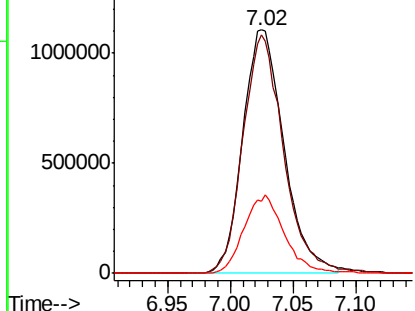
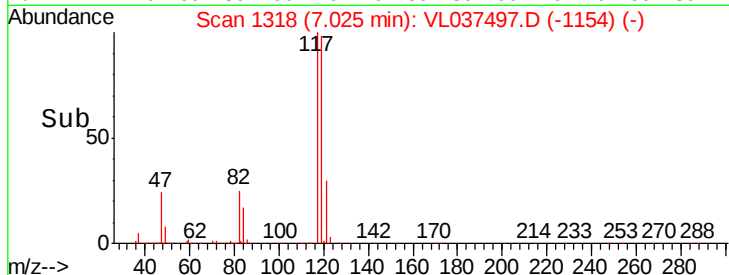
117 100

119 97.7 77.3 115.9

121 29.9 25.2 37.8



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: 9.772 ppbv

RT: 6.90 min Scan# 1279

Delta R.T. 0.03 min

Lab File: VL037497.D

Acq: 19 Aug 2021 13:08

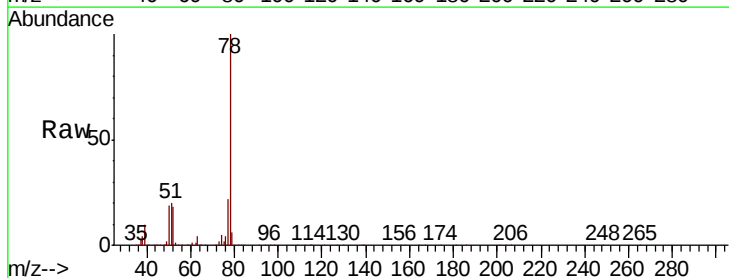
Tgt Ion: 78 Resp: 3546958

Ion Ratio Lower Upper

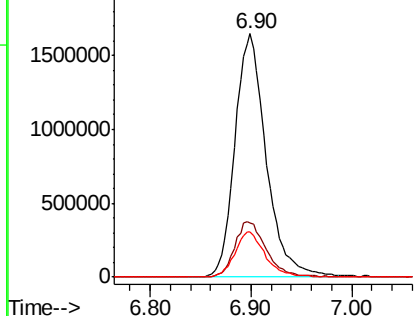
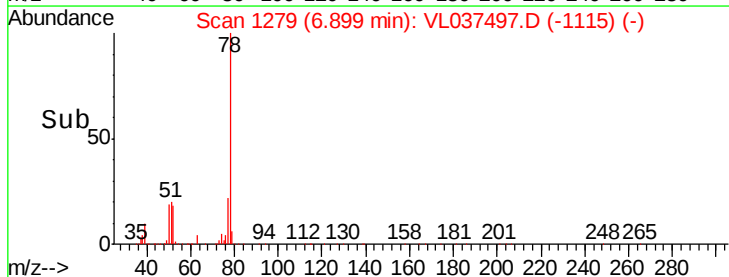
78 100

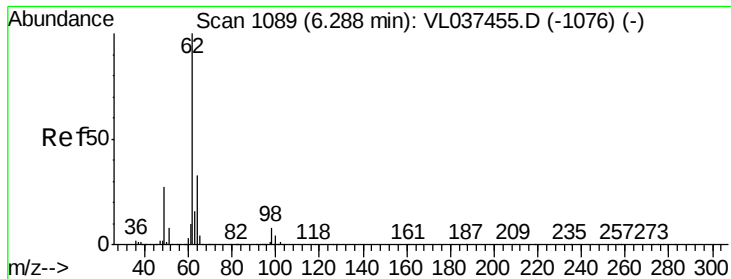
77 22.3 18.2 27.4

50 18.6 14.6 21.8



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

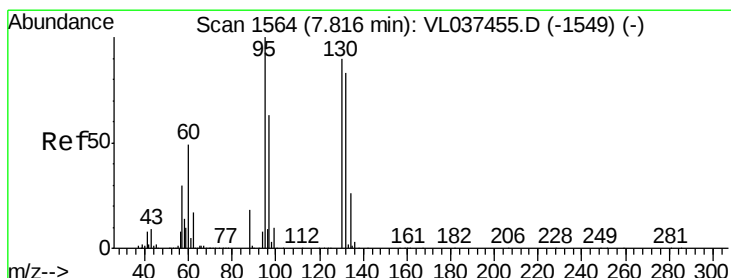
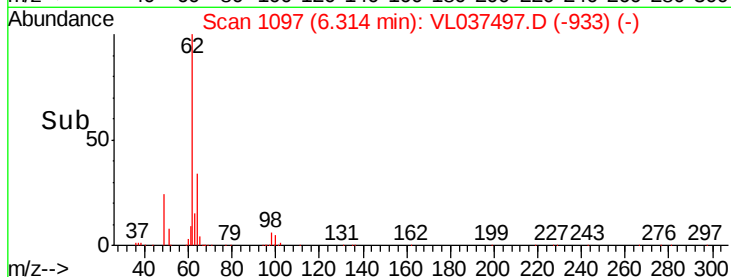
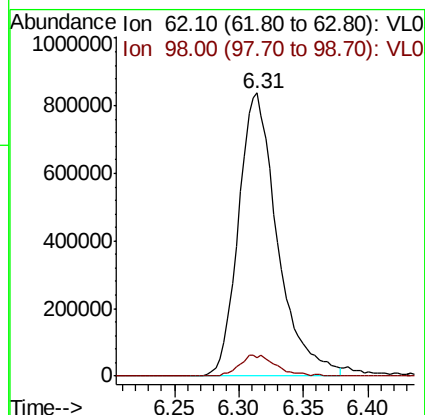
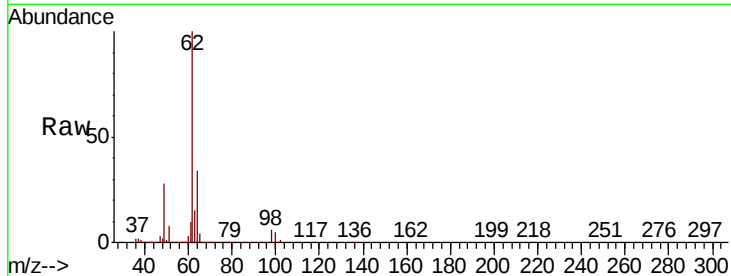




#37
 1,2-Dichloroethane
 Concen: 9.819 ppbv
 RT: 6.31 min Scan# 1097
 Delta R.T. 0.03 min
 Lab File: VL037497.D
 Acq: 19 Aug 2021 13:08

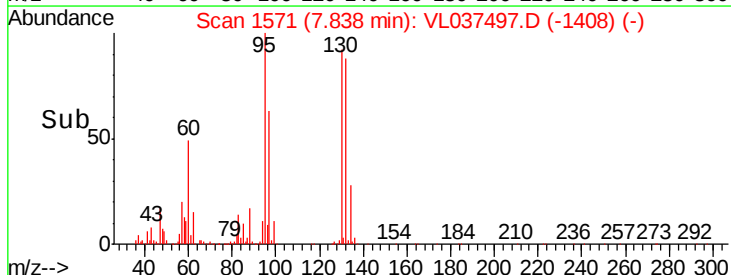
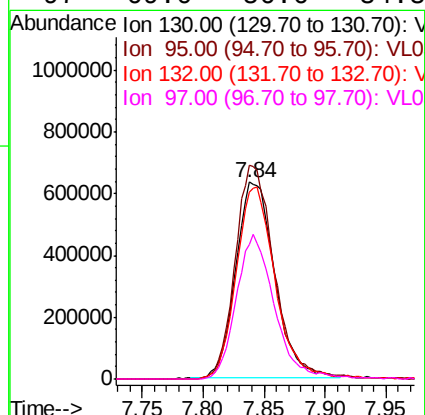
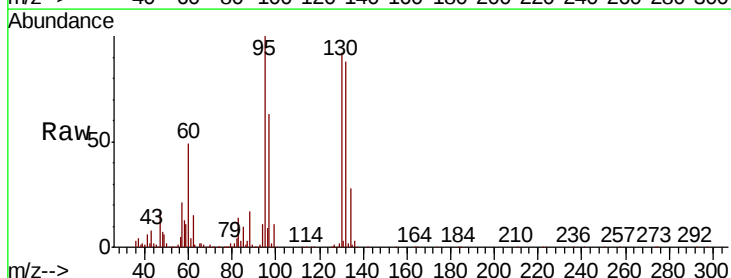
Instrument :
 MSVOA_L
 ClientSampleId :

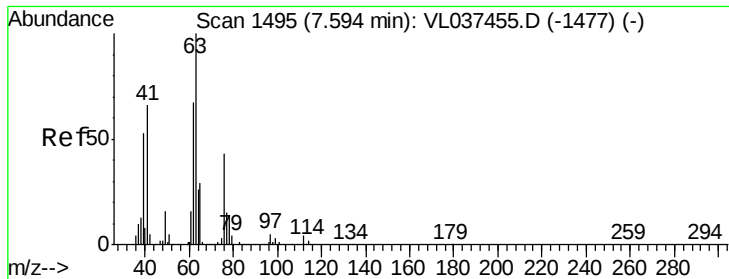
Tot Ion: 62 Resp: 1765280
 Ion Ratio Lower Upper
 62 100
 98 7.3 6.0 9.0



#38
 Trichloroethene
 Concen: 9.411 ppbv
 RT: 7.84 min Scan# 1571
 Delta R.T. 0.02 min
 Lab File: VL037497.D
 Acq: 19 Aug 2021 13:08

Tgt Ion: 130 Resp: 1401394
 Ion Ratio Lower Upper
 130 100
 95 109.2 89.2 133.8
 132 95.8 74.0 111.0
 97 69.0 56.6 84.8

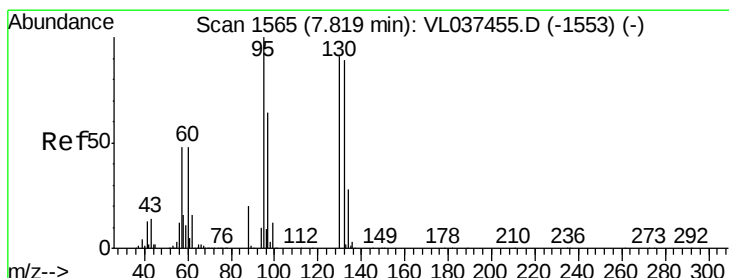
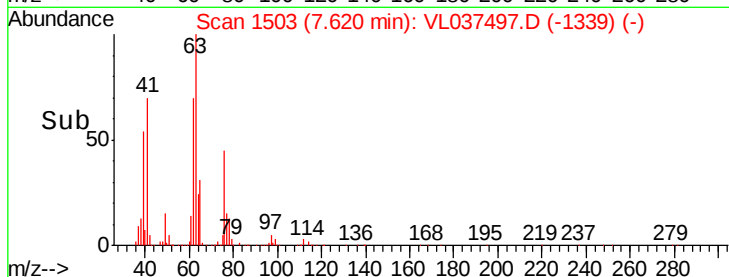
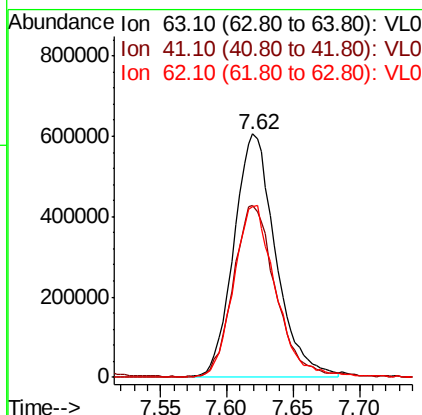
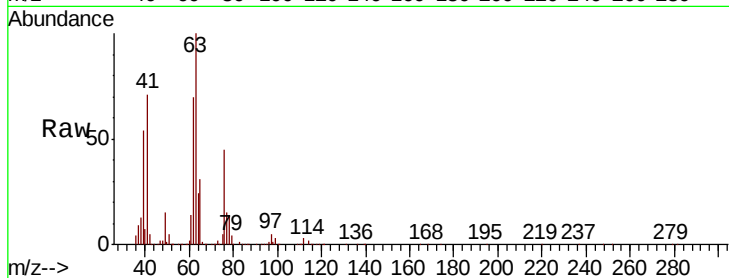




#39
 1,2-Dichloropropane
 Concen: 9.518 ppbv
 RT: 7.62 min Scan# 1503
 Delta R.T. 0.03 min
 Lab File: VL037497.D
 Acq: 19 Aug 2021 13:08

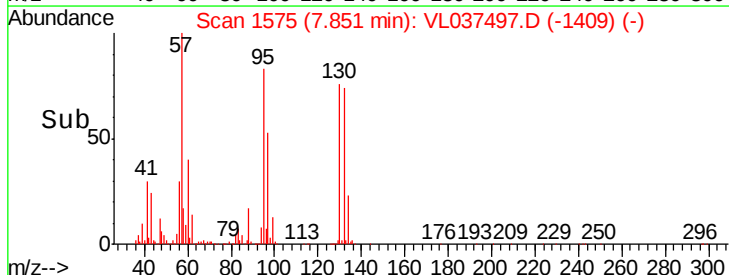
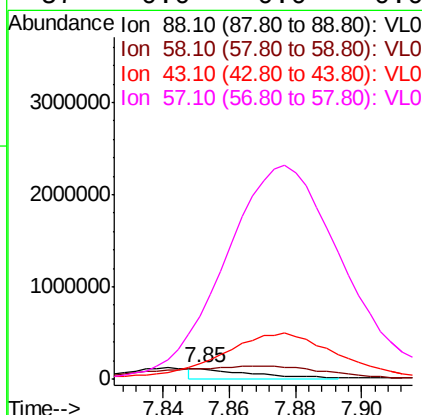
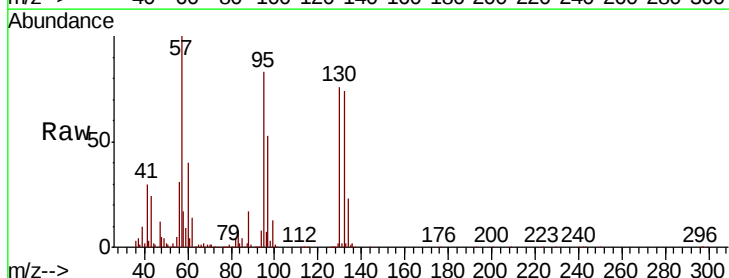
Instrument :
 MSVOA_L
 ClientSampleId :

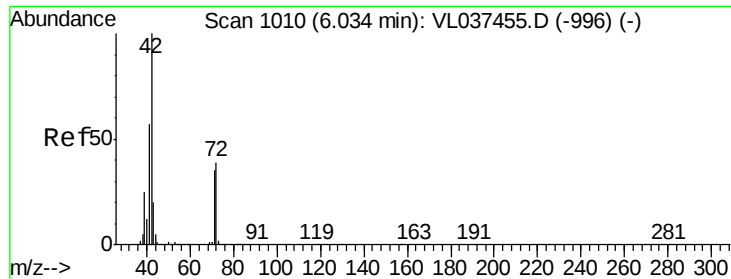
Tot Ion: 63 Resp: 1327489
 Ion Ratio Lower Upper
 63 100
 41 70.2 52.4 78.6
 62 70.1 53.6 80.4



#40
 1,4-Dioxane
 Concen: 3.873 ppbv
 RT: 7.85 min Scan# 1575
 Delta R.T. 0.03 min
 Lab File: VL037497.D
 Acq: 19 Aug 2021 13:08

Tgt Ion: 88 Resp: 132336
 Ion Ratio Lower Upper
 88 100
 58 0.0 0.0 0.0
 43 0.0 0.0 0.0
 57 0.0 0.0 0.0

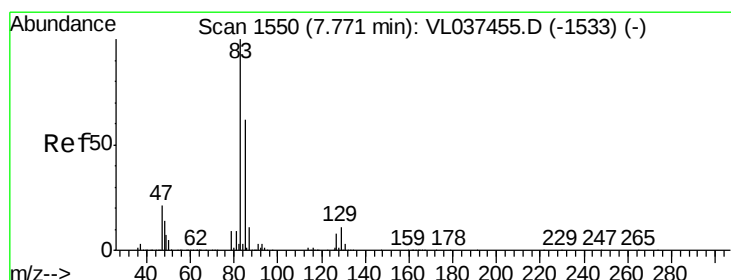
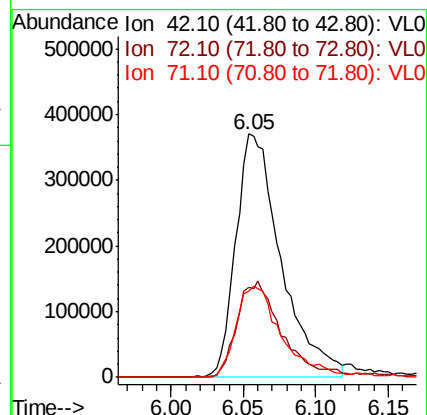
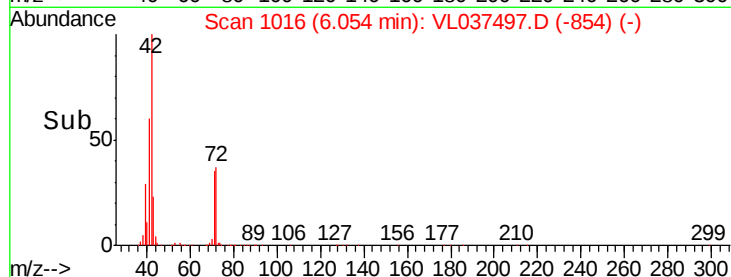
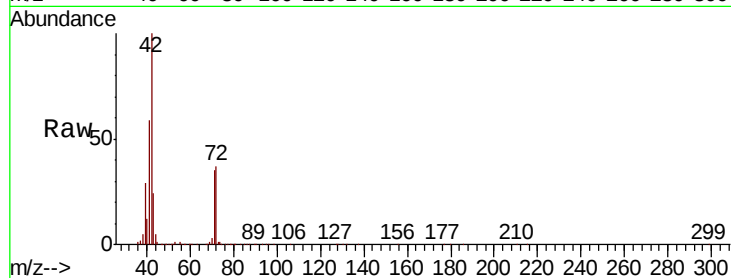




#41
Tetrahydrofuran
Concen: 9.462 ppbv
RT: 6.05 min Scan# 1016
Delta R.T. 0.02 min
Lab File: VL037497.D
Acq: 19 Aug 2021 13:08

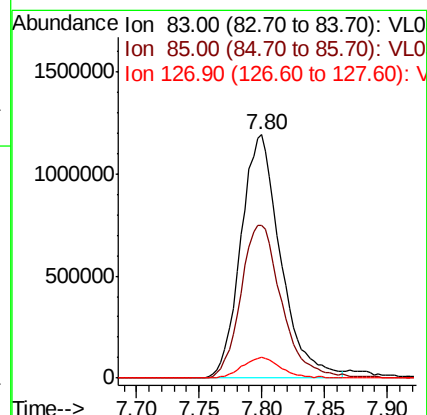
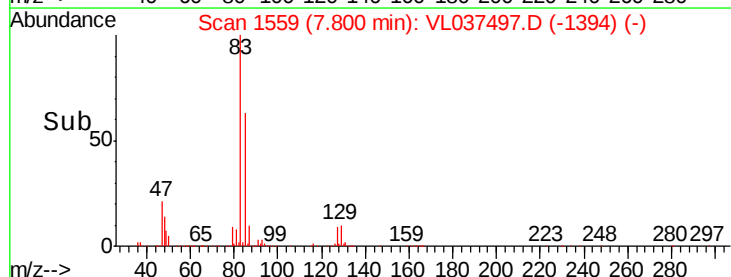
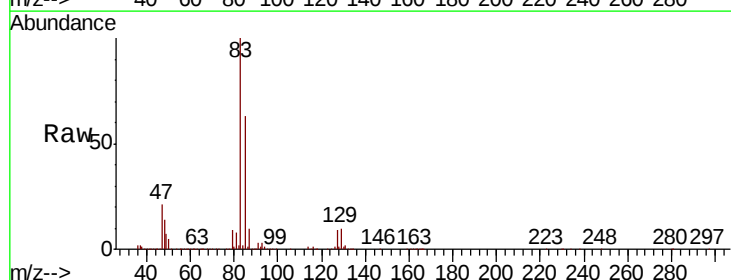
Instrument :
MSVOA_L
ClientSampleId :

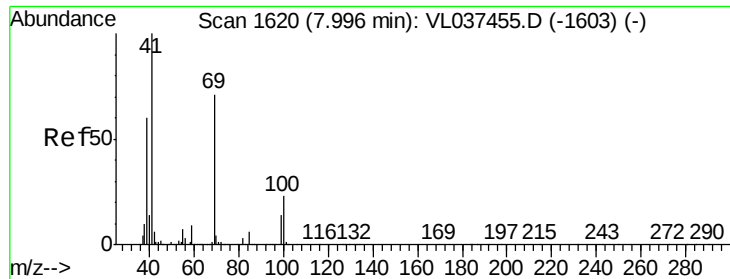
Tot Ion: 42 Resp: 803654
Ion Ratio Lower Upper
42 100
72 40.9 32.2 48.4
71 39.1 30.5 45.7



#42
Bromodichloromethane
Concen: 9.986 ppbv
RT: 7.80 min Scan# 1559
Delta R.T. 0.03 min
Lab File: VL037497.D
Acq: 19 Aug 2021 13:08

Tgt Ion: 83 Resp: 2625181
Ion Ratio Lower Upper
83 100
85 62.7 49.5 74.3
127 8.5 6.3 9.5

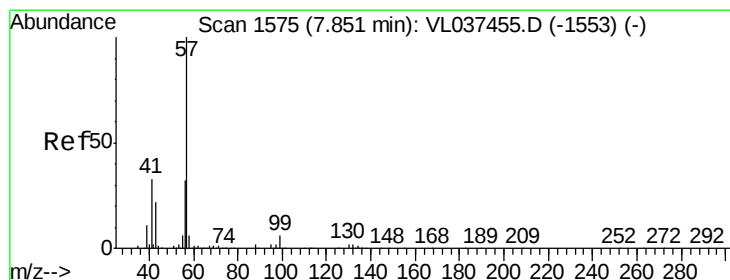
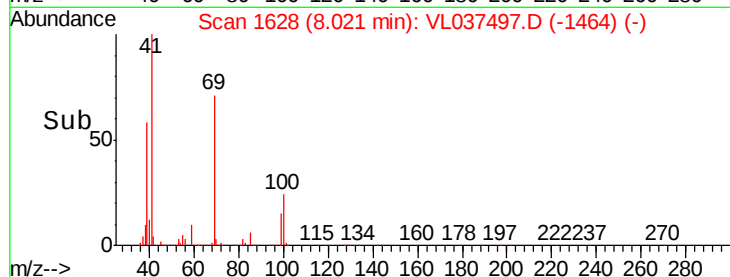
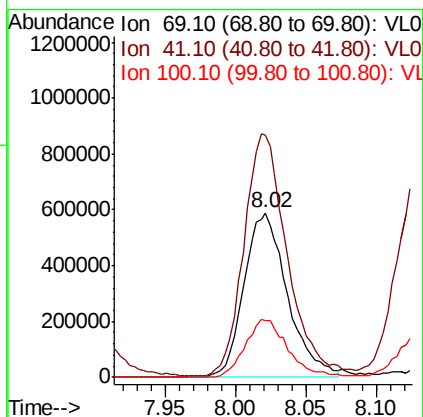
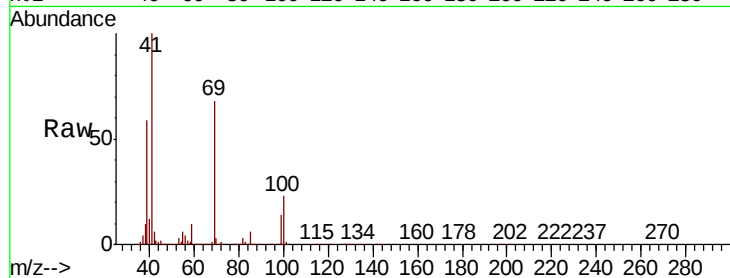




#43
Methvl Methacrylate
Concen: 10.024 ppbv
RT: 8.02 min Scan# 1628
Delta R.T. 0.03 min
Lab File: VL037497.D
Acq: 19 Aug 2021 13:08

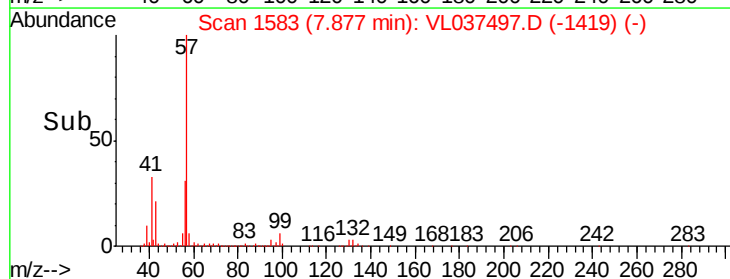
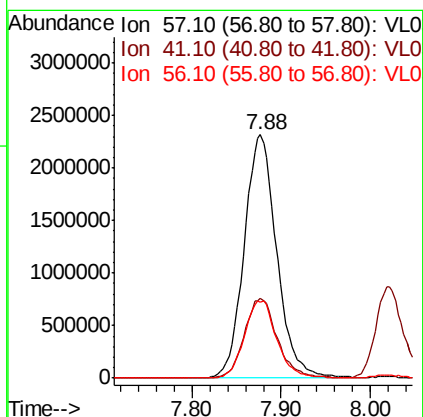
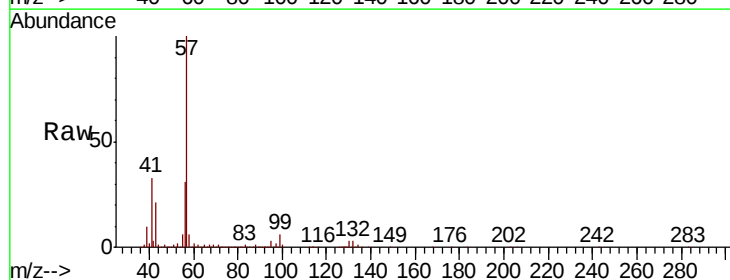
Instrument :
MSVOA_L
ClientSampled :

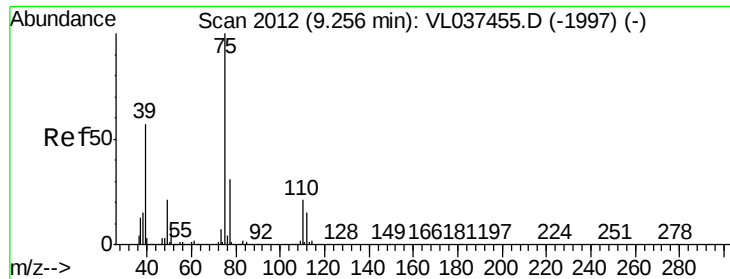
Tot Ion: 69 Resp: 1268030
Ion Ratio Lower Upper
69 100
41 148.7 118.6 178.0
100 34.9 27.4 41.0



#44
2,2,4-Trimethylpentane
Concen: 9.634 ppbv
RT: 7.88 min Scan# 1583
Delta R.T. 0.03 min
Lab File: VL037497.D
Acq: 19 Aug 2021 13:08

Tgt Ion: 57 Resp: 5884961
Ion Ratio Lower Upper
57 100
41 33.1 26.2 39.4
56 31.8 25.4 38.2

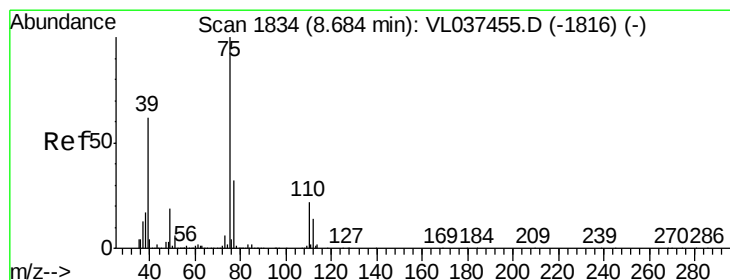
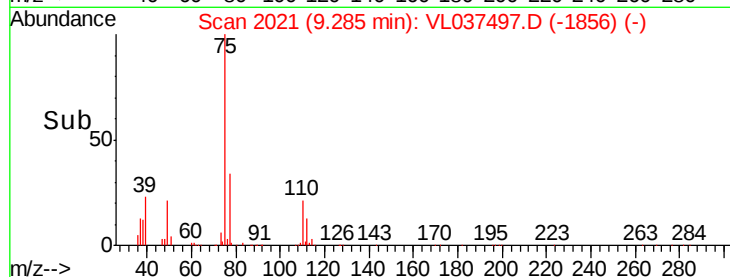
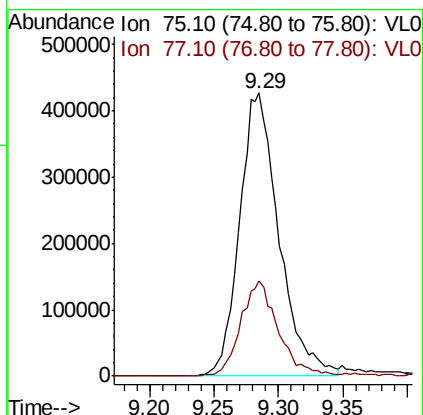
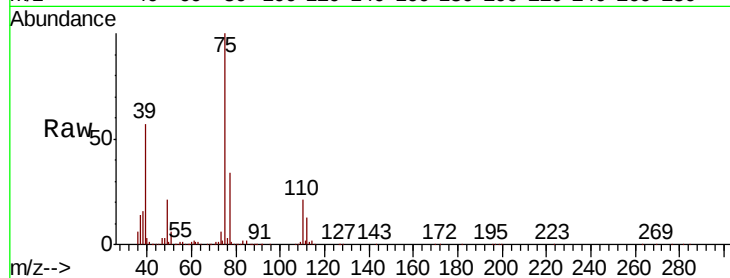




#45
 t-1,3-Dichloropropene
 Concen: 9.489 ppbv
 RT: 9.29 min Scan# 2021
 Delta R.T. 0.03 min
 Lab File: VL037497.D
 Acq: 19 Aug 2021 13:08

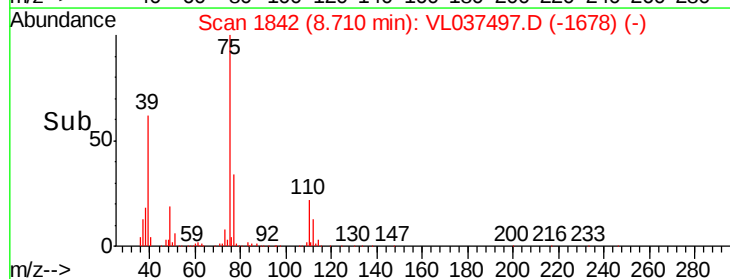
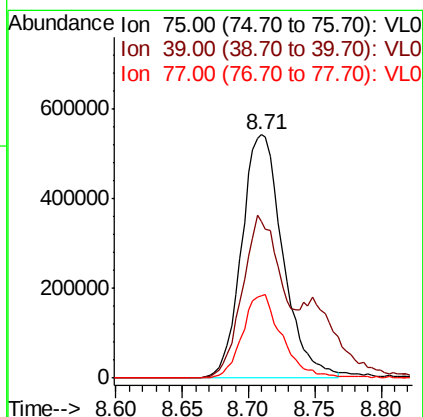
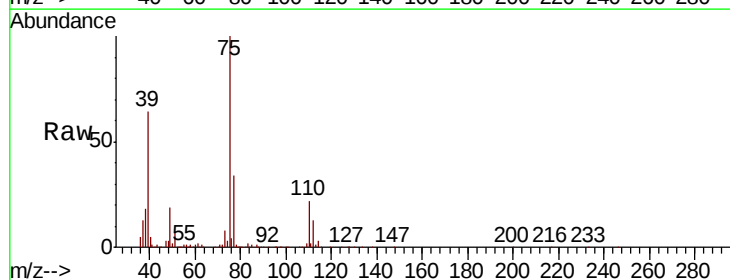
Instrument :
 MSVOA_L
 ClientSampleId :

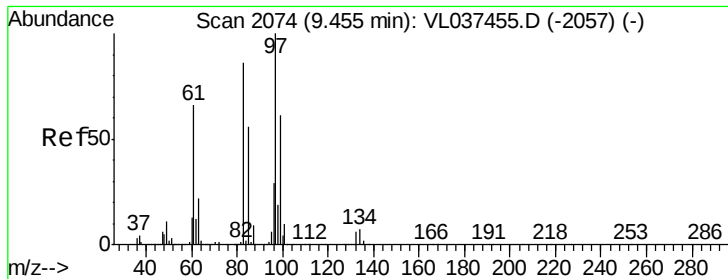
Tot Ion: 75 Resp: 903661
 Ion Ratio Lower Upper
 75 100
 77 33.7 24.5 36.7



#46
 cis-1,3-Dichloropropene
 Concen: 8.839 ppbv
 RT: 8.71 min Scan# 1842
 Delta R.T. 0.03 min
 Lab File: VL037497.D
 Acq: 19 Aug 2021 13:08

Tgt Ion: 75 Resp: 1174185
 Ion Ratio Lower Upper
 75 100
 39 64.0 49.7 74.5
 77 33.9 25.4 38.0



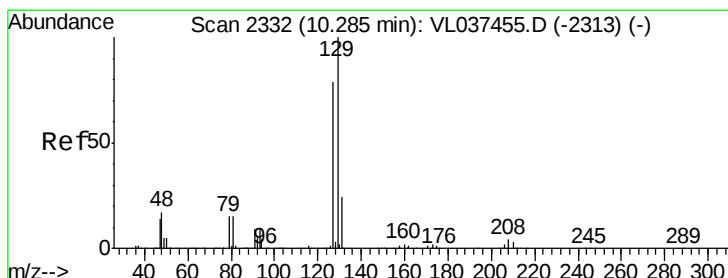
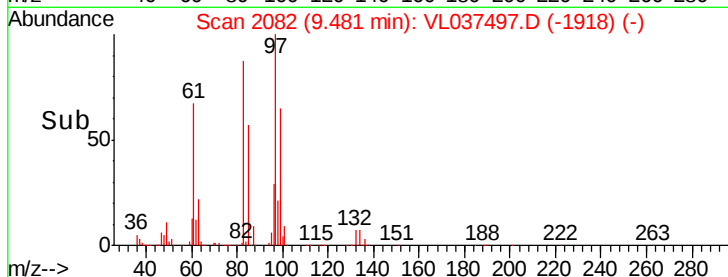
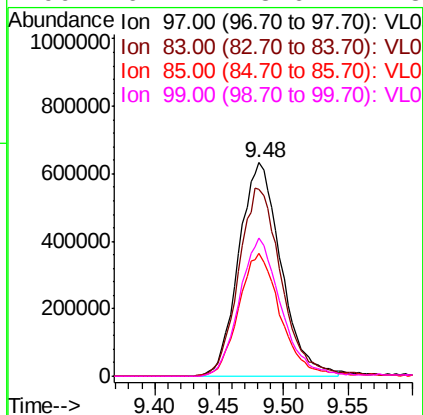
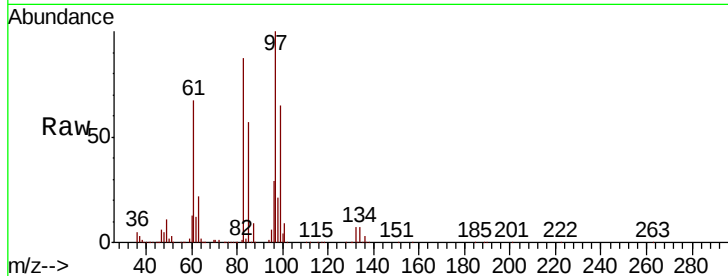


#47
 1,1,2-Trichloroethane
 Concen: 9.565 ppbv
 RT: 9.48 min Scan# 2082
 Delta R.T. 0.03 min
 Lab File: VL037497.D
 Acq: 19 Aug 2021 13:08

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion: 97 Resp: 1441371

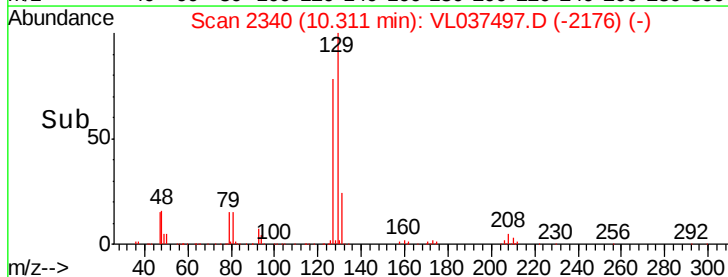
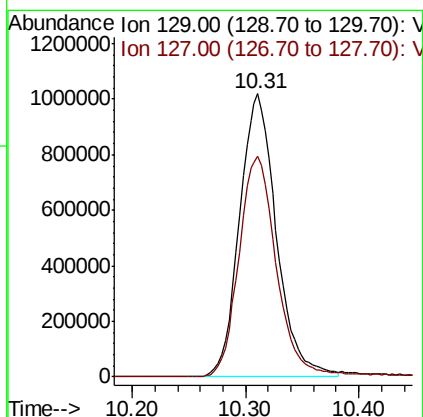
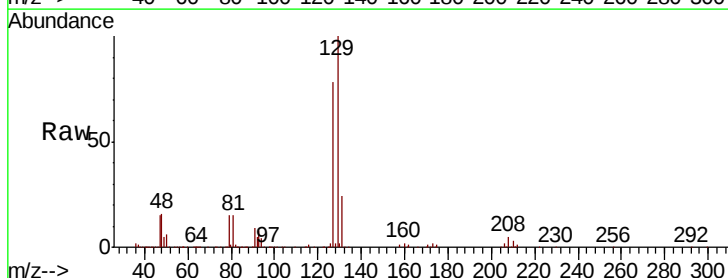
Ion	Ratio	Lower	Upper
97	100		
83	87.2	68.7	103.1
85	57.3	44.7	67.1
99	64.7	48.6	72.8

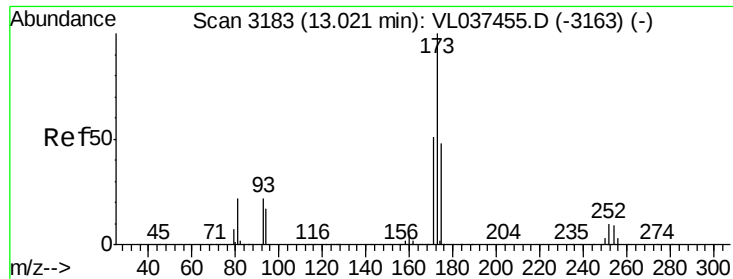


#48
 Dibromochloromethane
 Concen: 10.637 ppbv
 RT: 10.31 min Scan# 2340
 Delta R.T. 0.03 min
 Lab File: VL037497.D
 Acq: 19 Aug 2021 13:08

Tgt Ion: 129 Resp: 2306759

Ion	Ratio	Lower	Upper
129	100		
127	80.7	40.0	120.0





#49

Bromoform

Concen: 10.747 ppbv

RT: 13.04 min Scan# 3190

Delta R.T. 0.02 min

Lab File: VL037497.D

Acq: 19 Aug 2021 13:08

Instrument :

MSVOA_L

ClientSampleId :

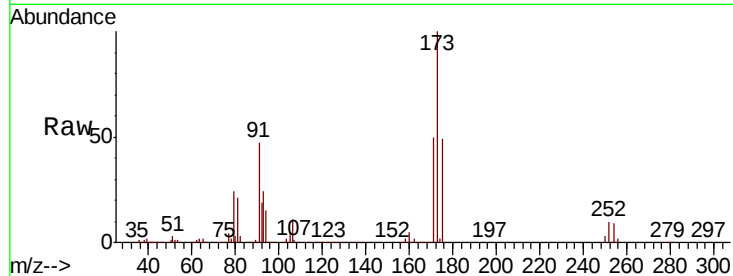
Tot Ion:173 Resp: 1837165

Ion Ratio Lower Upper

173 100

175 53.0 41.9 62.9

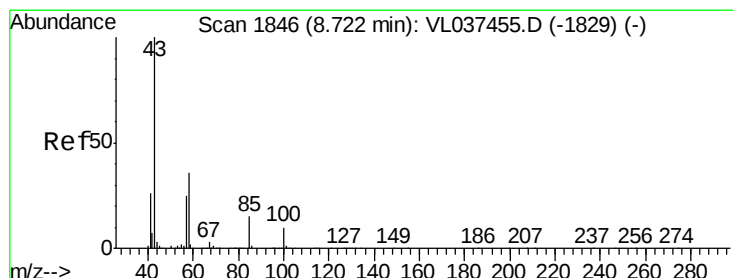
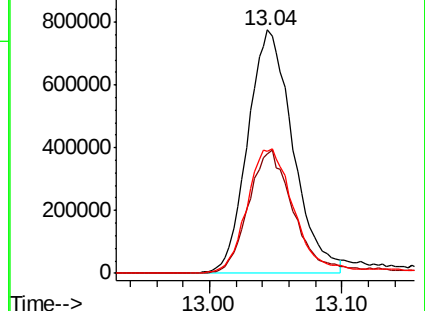
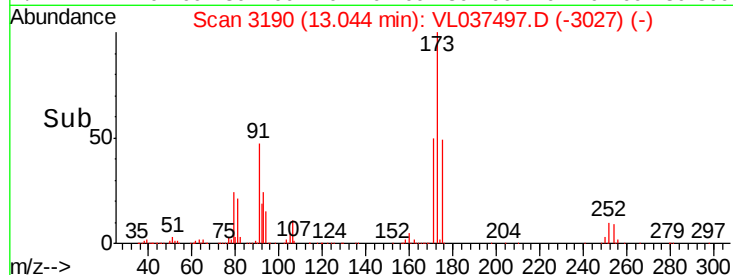
171 57.1 44.2 66.4



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: 10.181 ppbv

RT: 8.75 min Scan# 1854

Delta R.T. 0.03 min

Lab File: VL037497.D

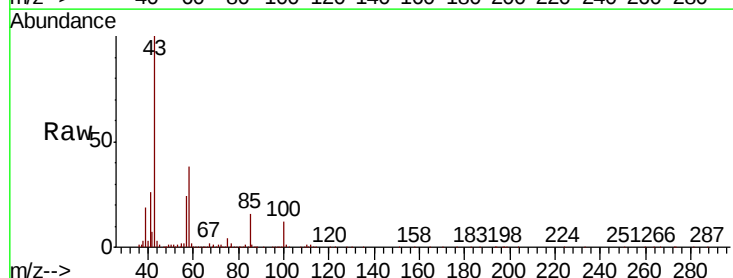
Acq: 19 Aug 2021 13:08

Tgt Ion: 43 Resp: 2341695

Ion Ratio Lower Upper

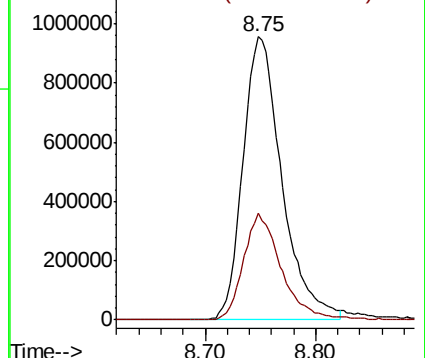
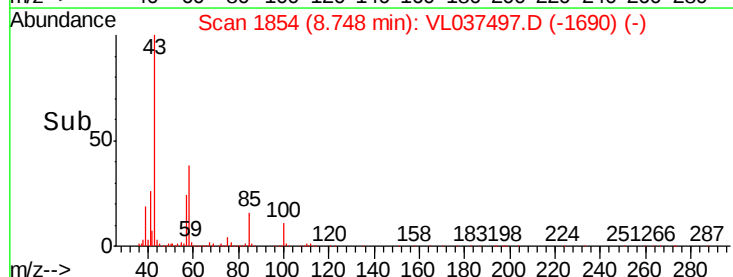
43 100

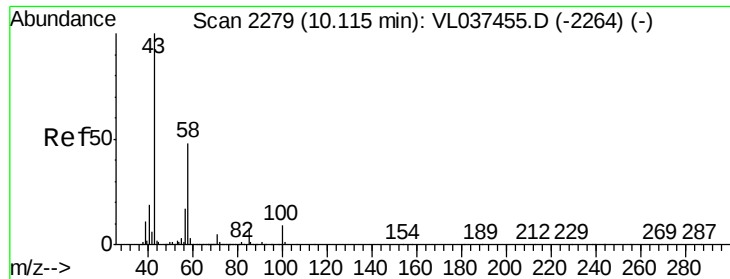
58 36.8 29.9 44.9



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

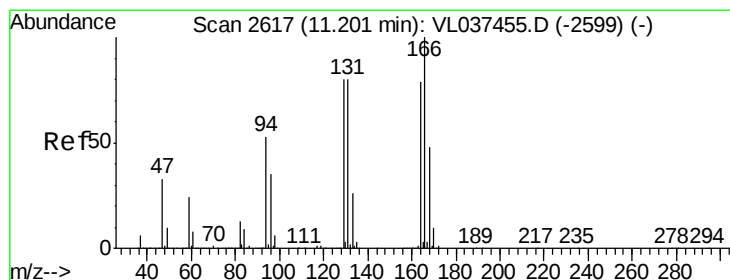
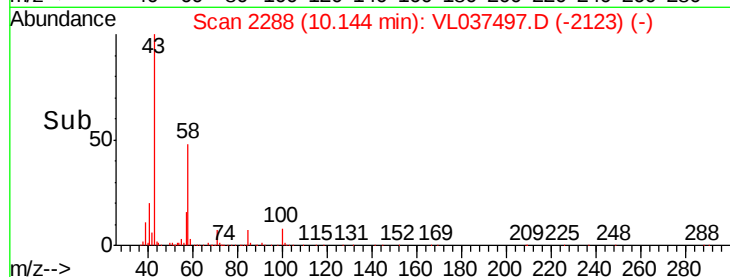
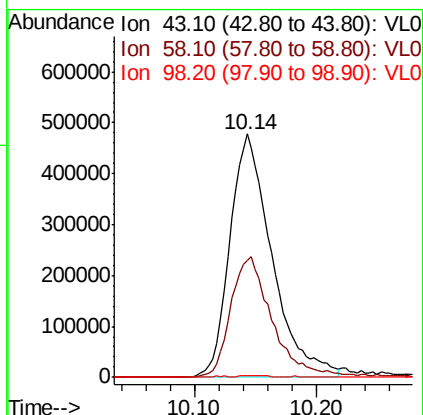
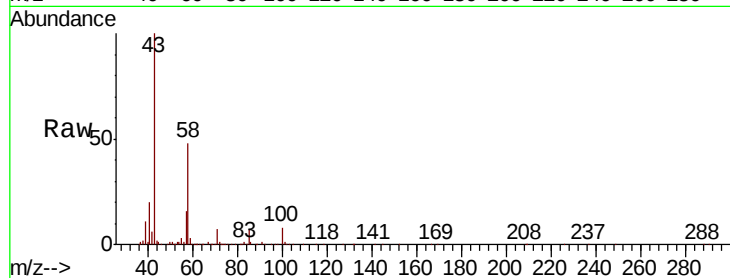




#51
2-Hexanone
Concen: 10.803 ppbv
RT: 10.14 min Scan# 2288
Delta R.T. 0.03 min
Lab File: VL037497.D
Acq: 19 Aug 2021 13:08

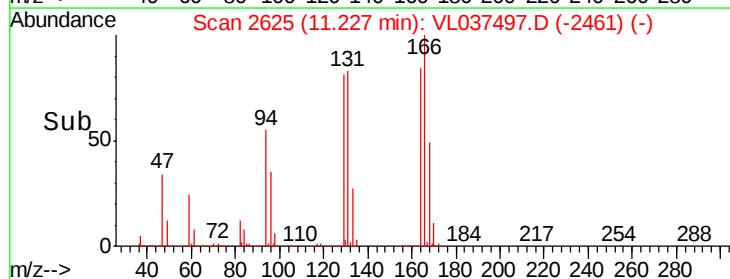
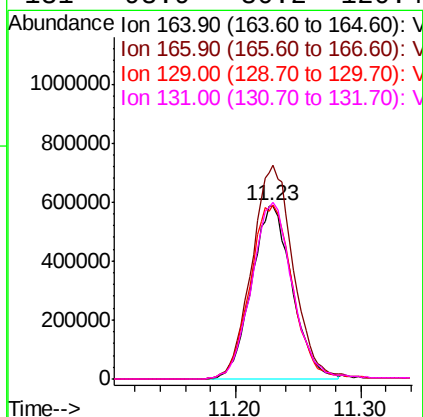
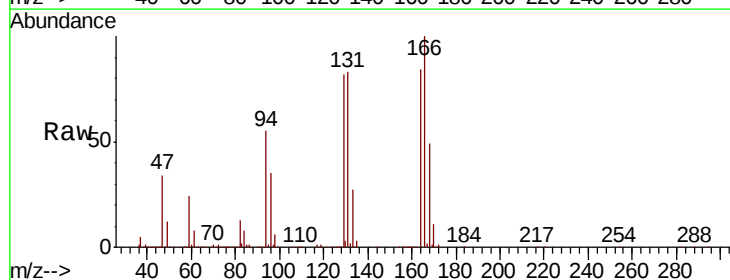
Instrument :
MSVOA_L
ClientSampleId :

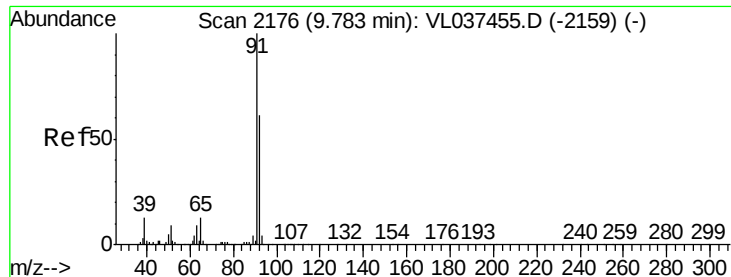
Tot Ion: 43 Resp: 1142868
Ion Ratio Lower Upper
43 100
58 50.0 41.0 61.6
98 0.8 0.3 0.5#



#52
Tetrachloroethene
Concen: 8.888 ppbv
RT: 11.23 min Scan# 2625
Delta R.T. 0.03 min
Lab File: VL037497.D
Acq: 19 Aug 2021 13:08

Tgt Ion: 164 Resp: 1321837
Ion Ratio Lower Upper
164 100
166 118.5 100.7 151.1
129 96.6 80.9 121.3
131 98.9 80.2 120.4





#53

Toluene

Concen: 9.912 ppbv

RT: 9.81 min Scan# 2185

Delta R.T. 0.03 min

Lab File: VL037497.D

Acq: 19 Aug 2021 13:08

Instrument :

MSVOA_L

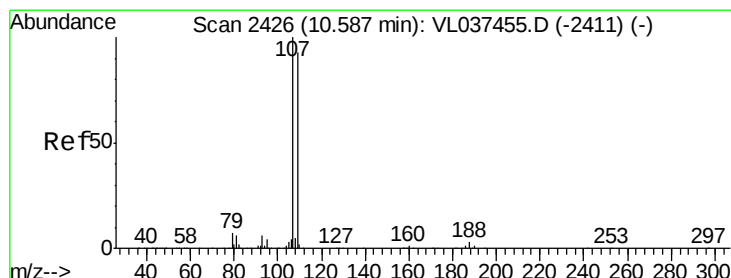
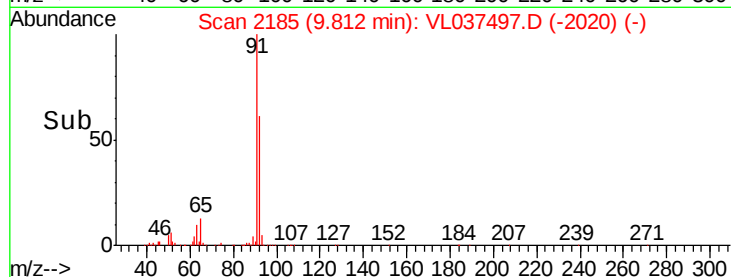
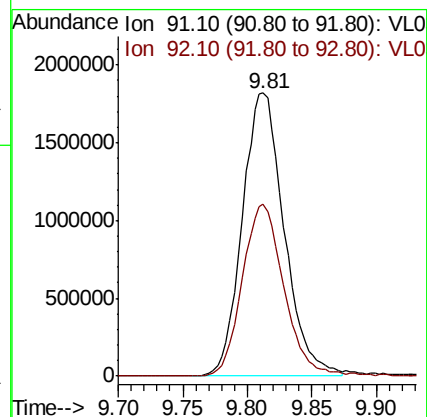
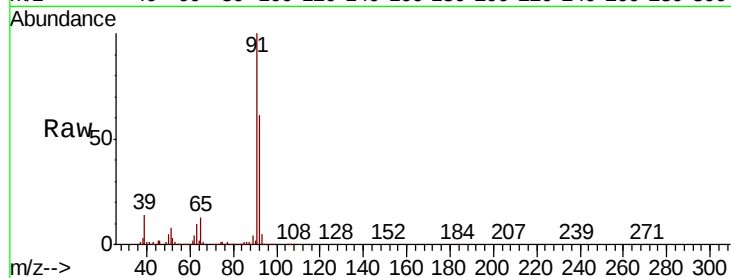
ClientSampleId :

Tot Ion: 91 Resp: 4107962

Ion Ratio Lower Upper

91 100

92 61.0 48.8 73.2



#54

1,2-Dibromoethane

Concen: 9.688 ppbv

RT: 10.62 min Scan# 2435

Delta R.T. 0.03 min

Lab File: VL037497.D

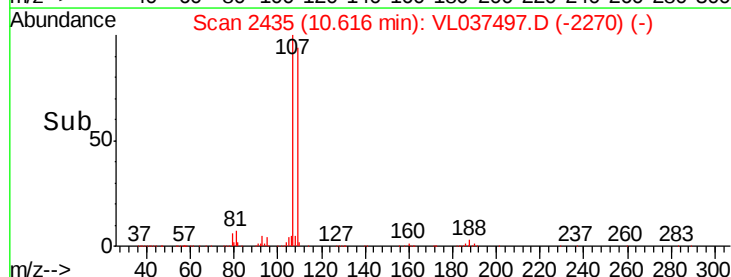
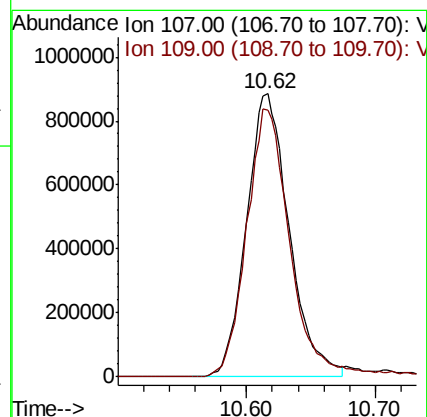
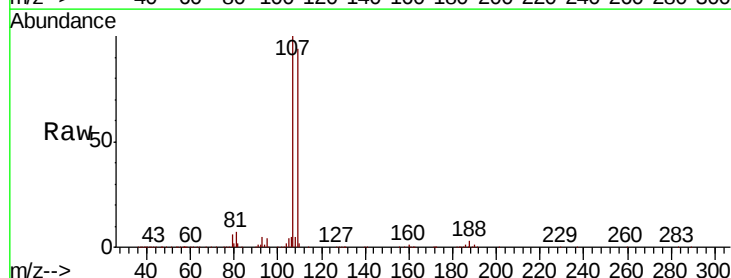
Acq: 19 Aug 2021 13:08

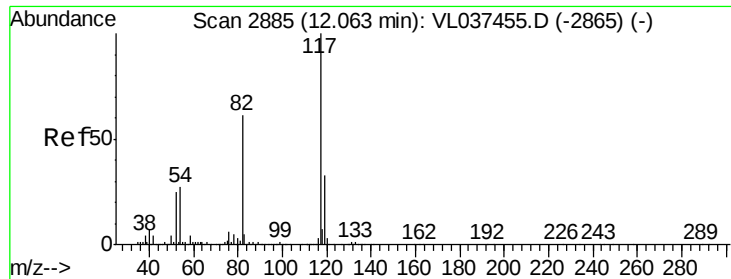
Tgt Ion: 107 Resp: 2038096

Ion Ratio Lower Upper

107 100

109 94.4 74.2 111.4

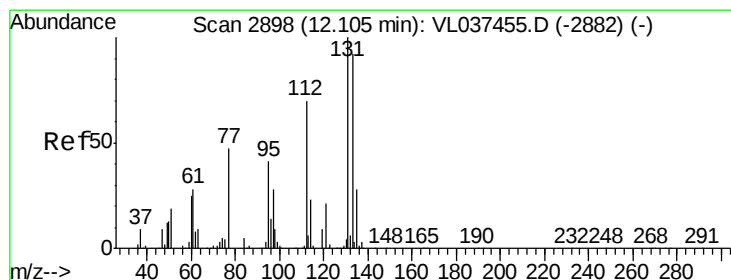
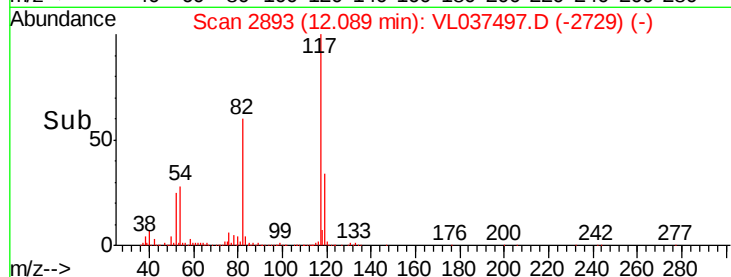
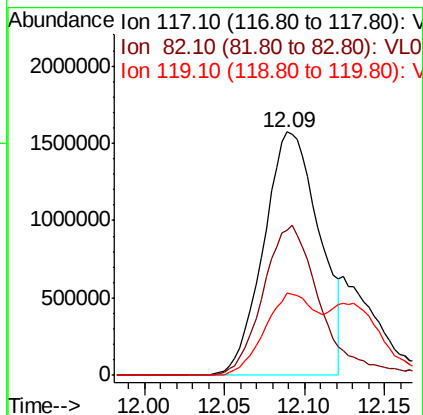
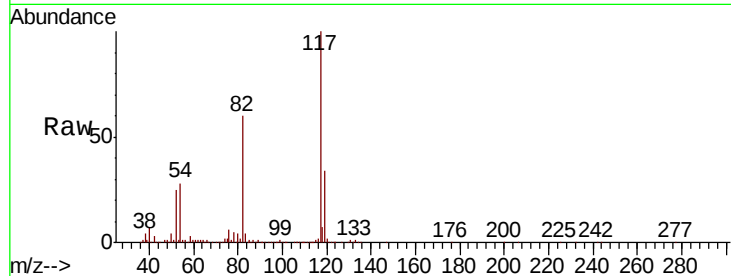




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2893
Delta R.T. 0.03 min
Lab File: VL037497.D
Acq: 19 Aug 2021 13:08

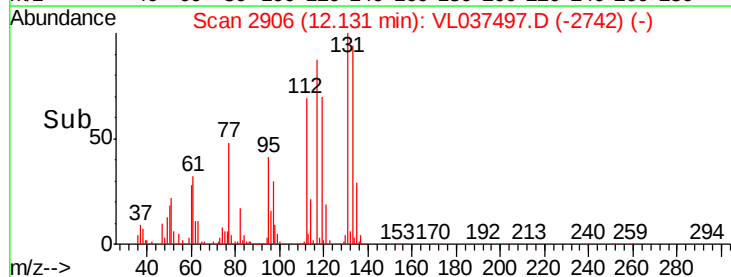
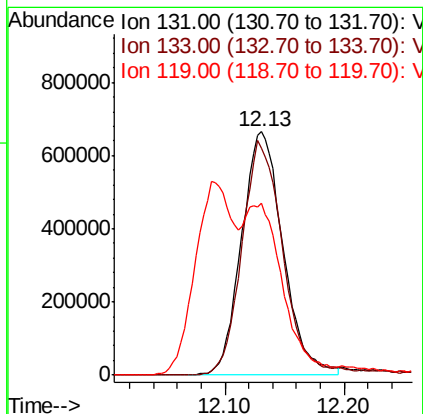
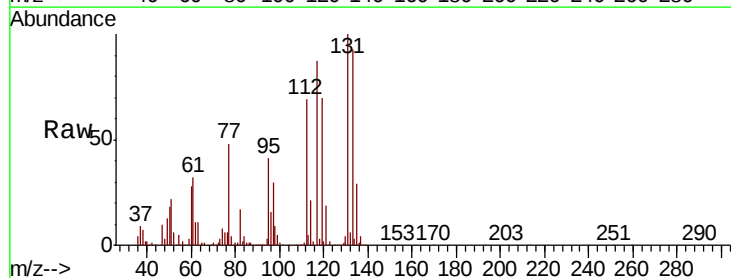
Instrument :
MSVOA_L
ClientSampleId :

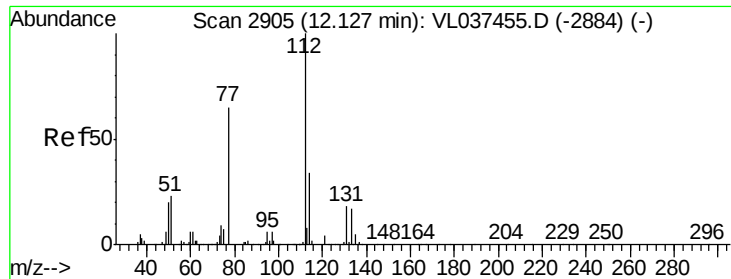
Tot Ion:117 Resp: 3808109
Ion Ratio Lower Upper
117 100
82 66.0 52.9 79.3
119 33.4 24.8 37.2



#56
1,1,1,2-Tetrachloroethane
Concen: 10.103 ppbv
RT: 12.13 min Scan# 2906
Delta R.T. 0.03 min
Lab File: VL037497.D
Acq: 19 Aug 2021 13:08

Tgt Ion:131 Resp: 1603098
Ion Ratio Lower Upper
131 100
133 97.1 78.7 118.1
119 71.3 56.6 85.0

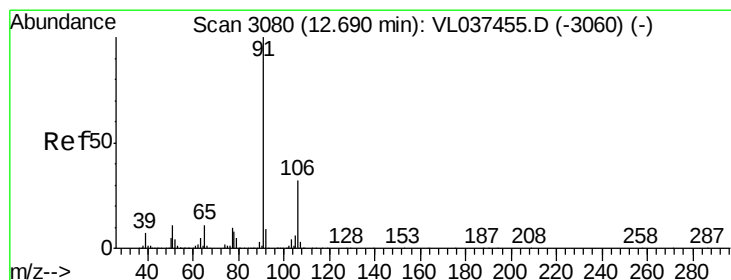
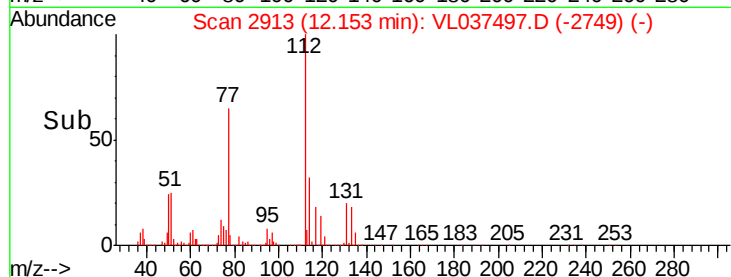
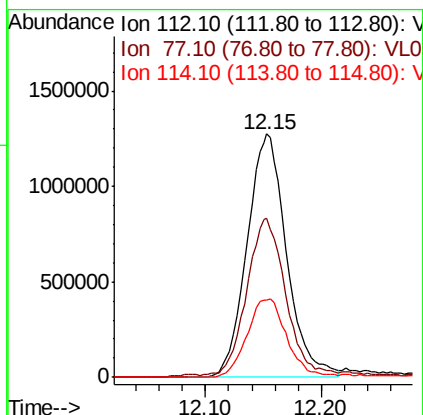
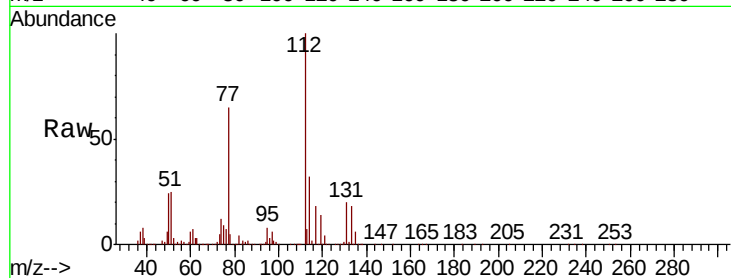




#57
Chlorobenzene
Concen: 9.522 ppbv
RT: 12.15 min Scan# 2913
Delta R.T. 0.03 min
Lab File: VL037497.D
Acq: 19 Aug 2021 13:08

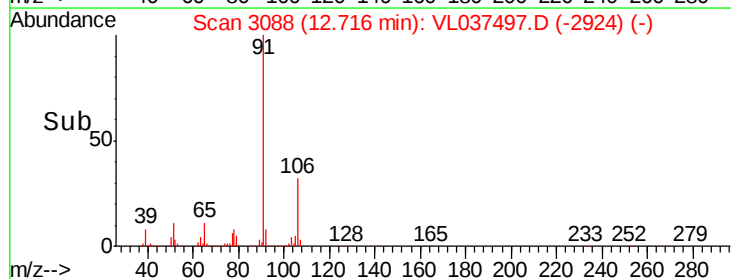
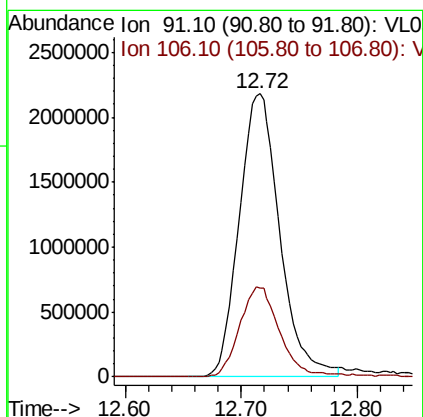
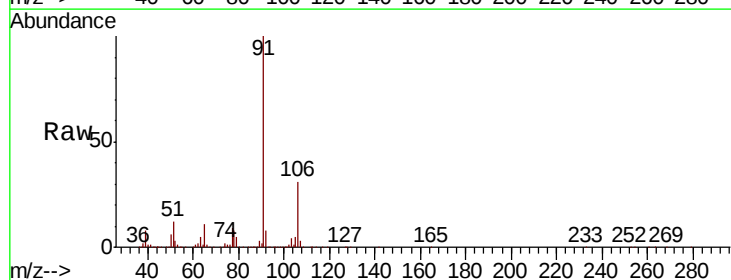
Instrument :
MSVOA_L
ClientSampleId :

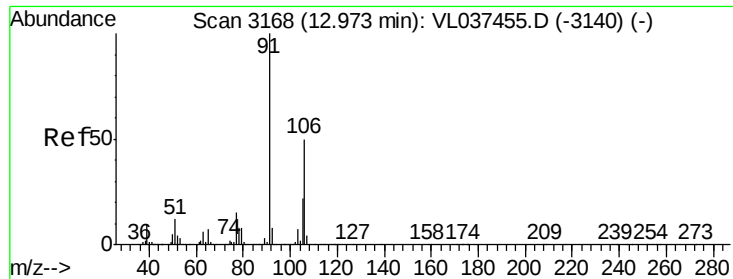
Tot Ion:112 Resp: 3009218
Ion Ratio Lower Upper
112 100
77 64.3 51.6 77.4
114 31.6 30.7 37.5



#58
Ethyl Benzene
Concen: 10.031 ppbv
RT: 12.72 min Scan# 3088
Delta R.T. 0.03 min
Lab File: VL037497.D
Acq: 19 Aug 2021 13:08

Tgt Ion: 91 Resp: 5300913
Ion Ratio Lower Upper
91 100
106 31.5 25.7 38.5

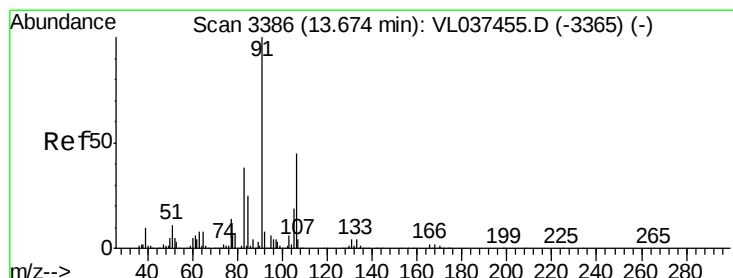
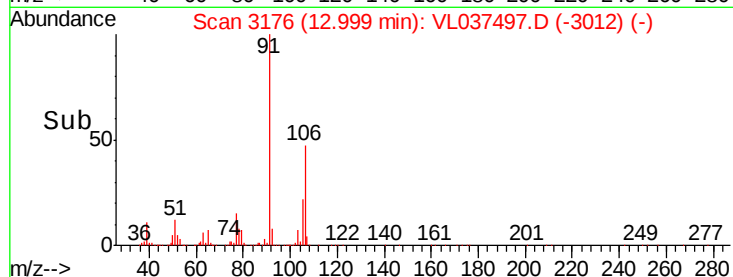
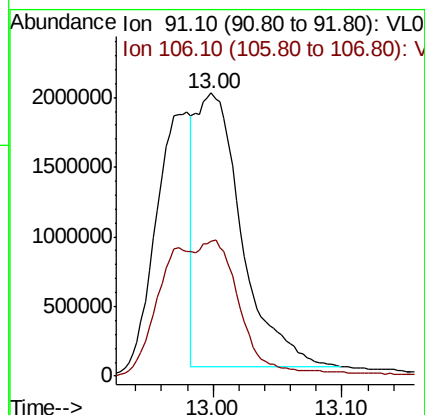
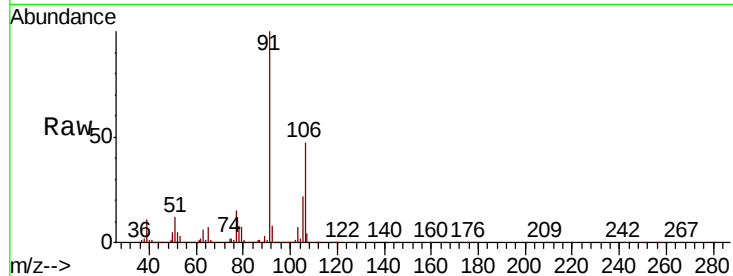




#59
m/p-Xylene
Concen: 10.663 ppbv
RT: 13.00 min Scan# 3176
Delta R.T. 0.03 min
Lab File: VL037497.D
Acq: 19 Aug 2021 13:08

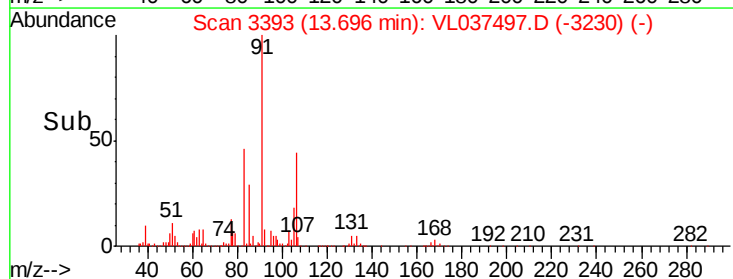
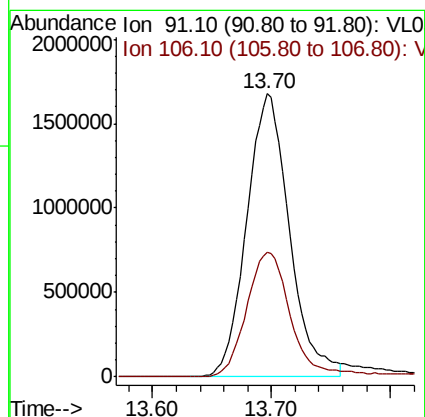
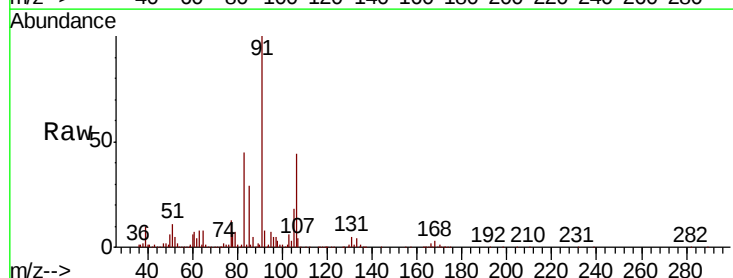
Instrument :
MSVOA_L
ClientSampled :

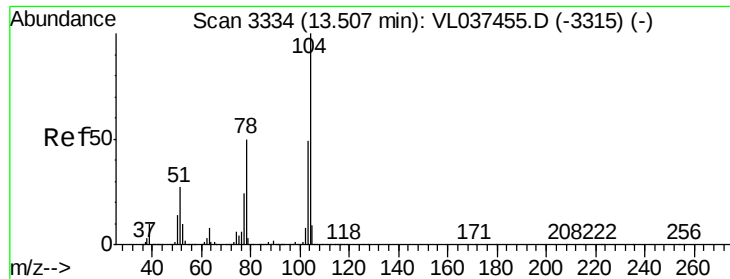
Tot Ion: 91 Resp: 4885020
Ion Ratio Lower Upper
91 100
106 84.9 36.9 55.3#



#60
o-Xylene
Concen: 9.720 ppbv
RT: 13.70 min Scan# 3393
Delta R.T. 0.02 min
Lab File: VL037497.D
Acq: 19 Aug 2021 13:08

Tgt Ion: 91 Resp: 4156199
Ion Ratio Lower Upper
91 100
106 47.4 23.7 71.1

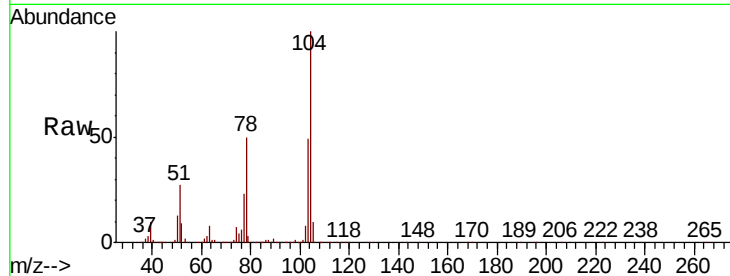




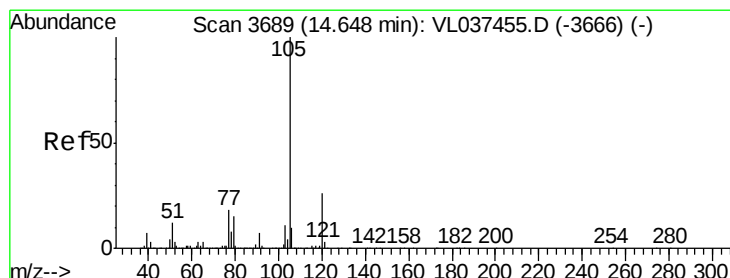
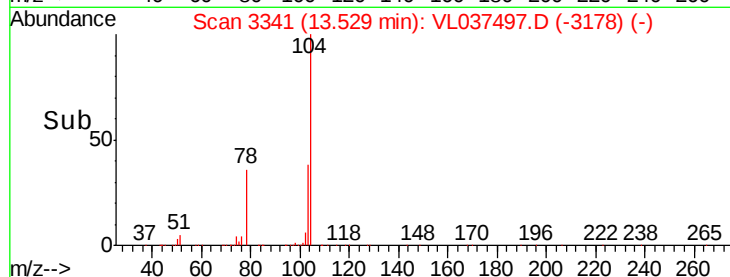
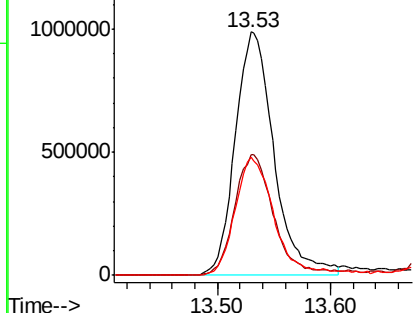
#61
Stvrene
Concen: 10.628 ppbv
RT: 13.53 min Scan# 3341
Delta R.T. 0.02 min
Lab File: VL037497.D
Acq: 19 Aug 2021 13:08

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:104 Resp: 2360906
Ion Ratio Lower Upper
104 100
78 51.1 41.3 61.9
103 50.2 39.4 59.0

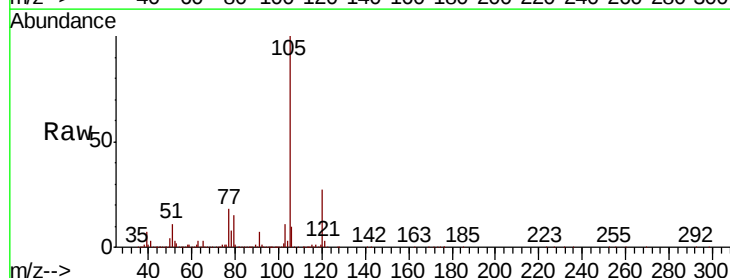


Abundance Ion 104.10 (103.80 to 104.80): V
Ion 78.10 (77.80 to 78.80): VL0
Ion 103.10 (102.80 to 103.80): V

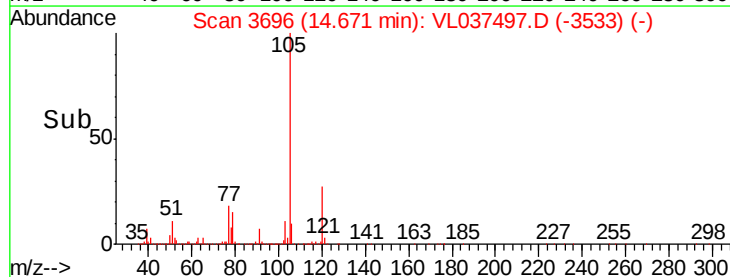
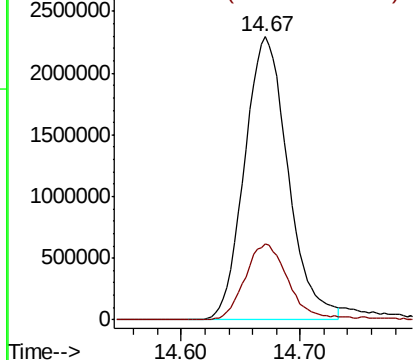


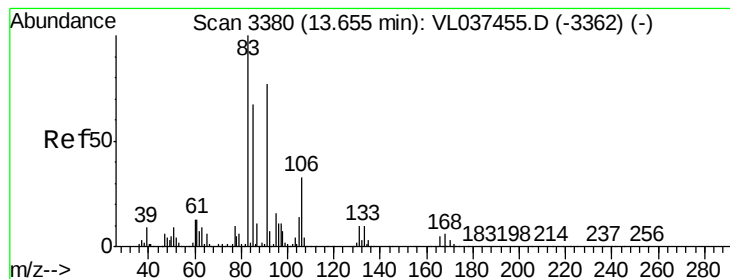
#62
Isopropylbenzene
Concen: 9.626 ppbv
RT: 14.67 min Scan# 3696
Delta R.T. 0.02 min
Lab File: VL037497.D
Acq: 19 Aug 2021 13:08

Tgt Ion:105 Resp: 5809179
Ion Ratio Lower Upper
105 100
120 27.6 21.5 32.3



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: 9.719 ppbv

RT: 13.68 min Scan# 3388

Delta R.T. 0.03 min

Lab File: VL037497.D

Acq: 19 Aug 2021 13:08

Instrument :

MSVOA_L

ClientSampleId :

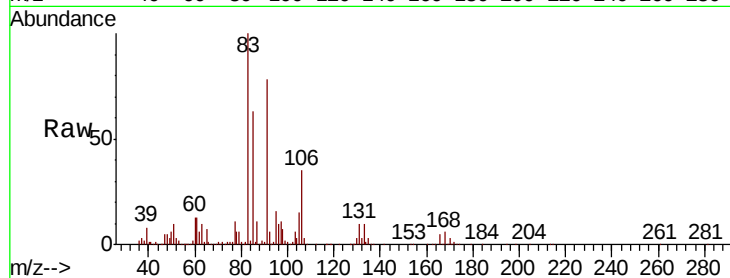
Tot Ion: 83 Resp: 3088728

Ion Ratio Lower Upper

83 100

131 9.9 5.0 15.0

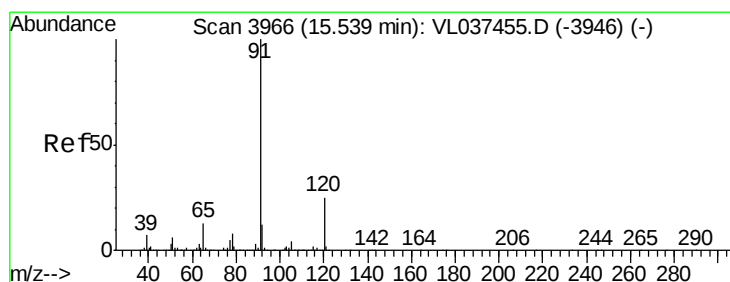
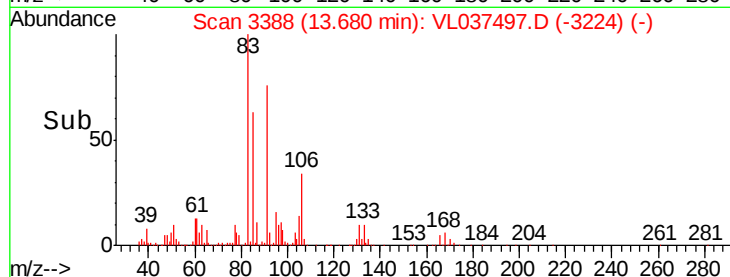
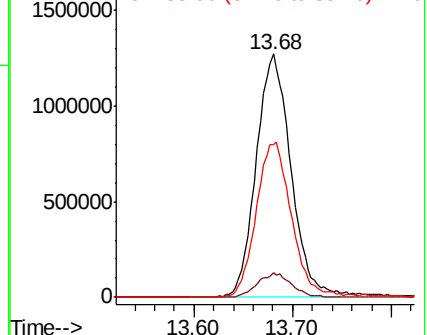
85 66.2 33.8 101.3



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 131.00 (130.70 to 131.70): VL0

Ion 85.00 (84.70 to 85.70): VL0



#64

n-propylbenzene

Concen: 10.216 ppbv

RT: 15.56 min Scan# 3973

Delta R.T. 0.02 min

Lab File: VL037497.D

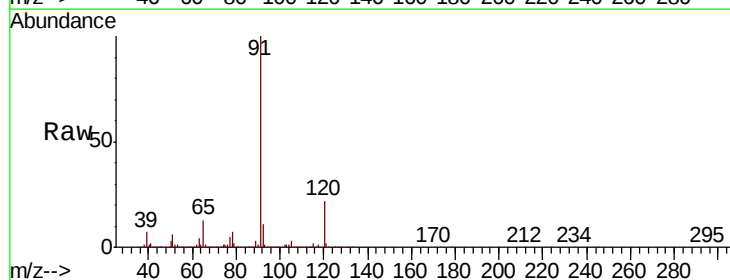
Acq: 19 Aug 2021 13:08

Tgt Ion: 120 Resp: 1568913

Ion Ratio Lower Upper

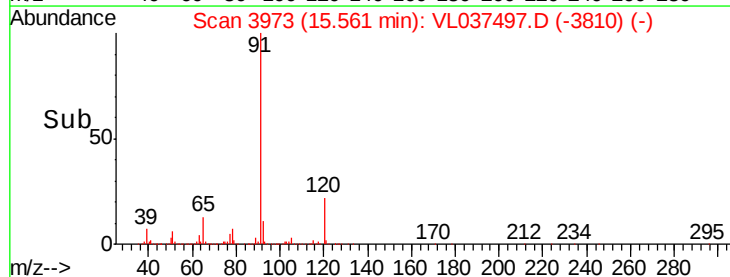
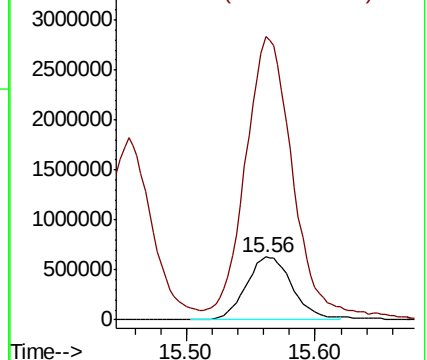
120 100

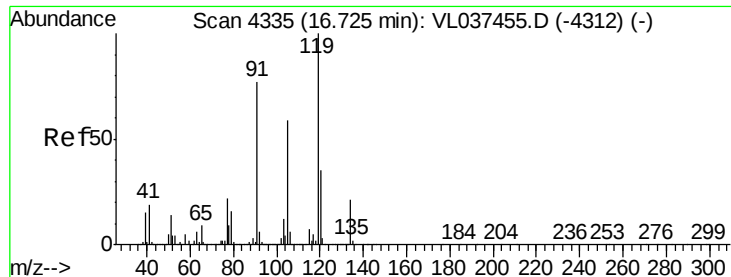
91 469.1 373.8 560.6



Abundance Ion 120.20 (119.90 to 120.90): VL0

Ion 91.10 (90.80 to 91.80): VL0

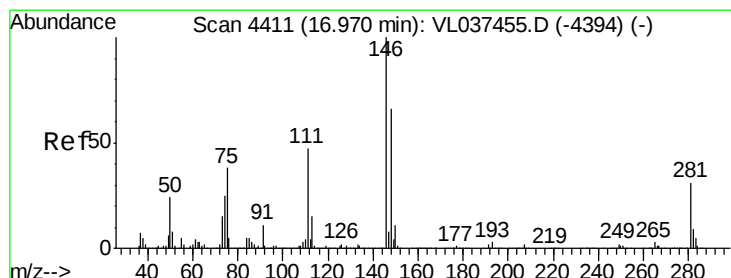
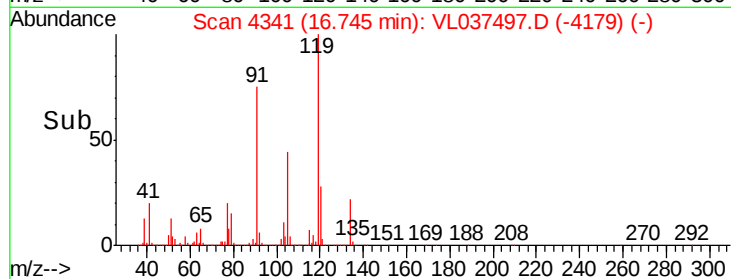
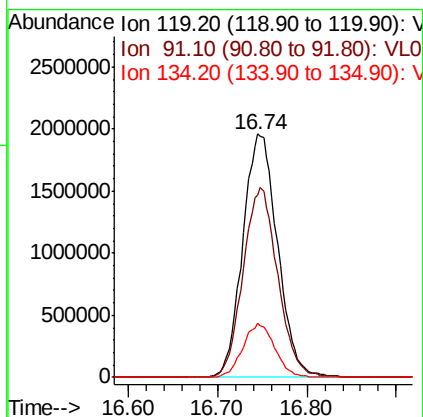
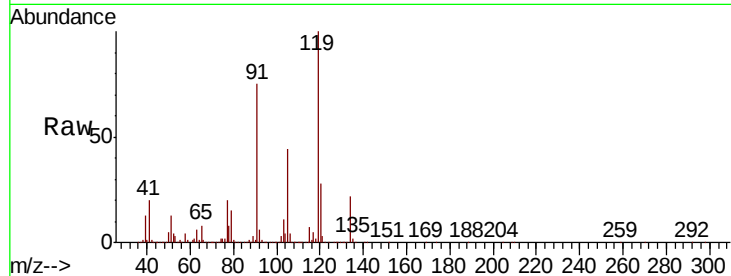




#65
tert-Butylbenzene
Concen: 9.665 ppbv
RT: 16.74 min Scan# 4341
Delta R.T. 0.02 min
Lab File: VL037497.D
Acq: 19 Aug 2021 13:08

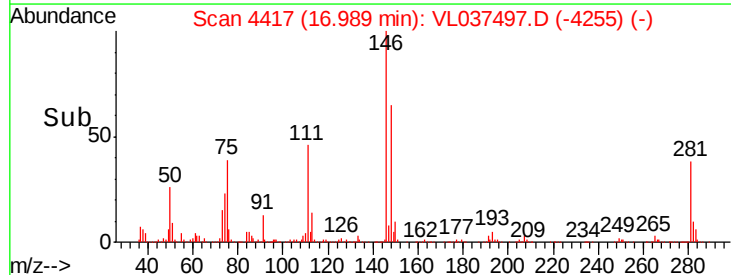
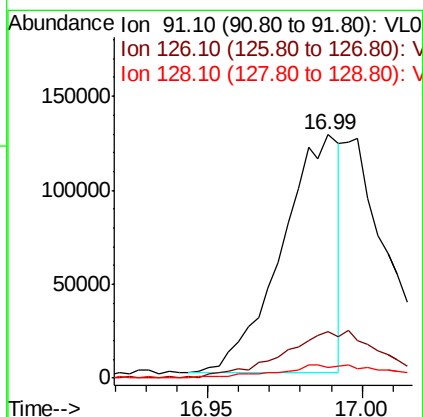
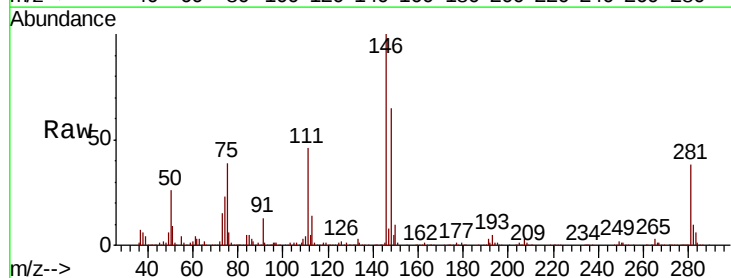
Instrument :
MSVOA_L
ClientSampled :

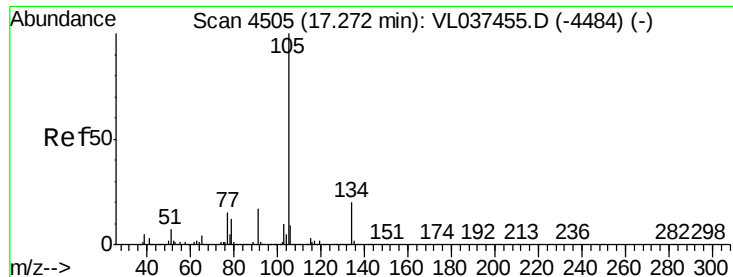
Tot Ion:119 Resp: 5311818
Ion Ratio Lower Upper
119 100
91 77.9 62.9 94.3
134 20.5 16.4 24.6



#66
Benzyl Chloride
Concen: 6.637 ppbv
RT: 16.99 min Scan# 4417
Delta R.T. 0.02 min
Lab File: VL037497.D
Acq: 19 Aug 2021 13:08

Tgt Ion: 91 Resp: 165006
Ion Ratio Lower Upper
91 100
126 0.0 15.9 23.9#
128 12.6 5.4 8.0#

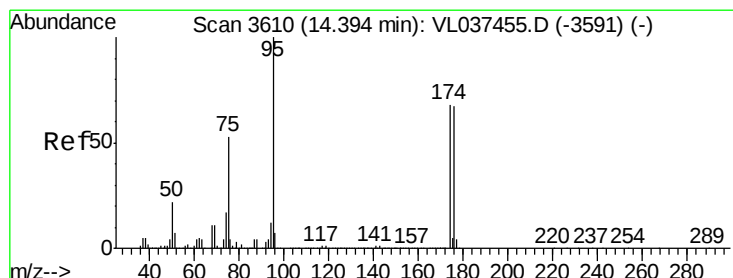
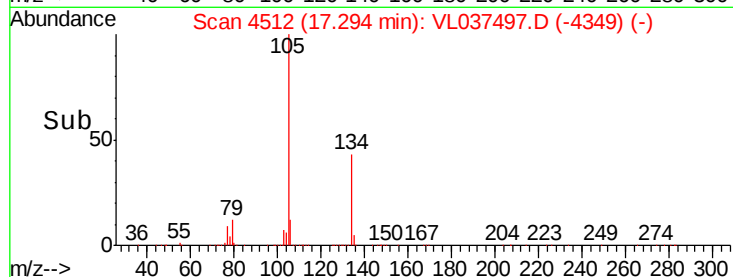
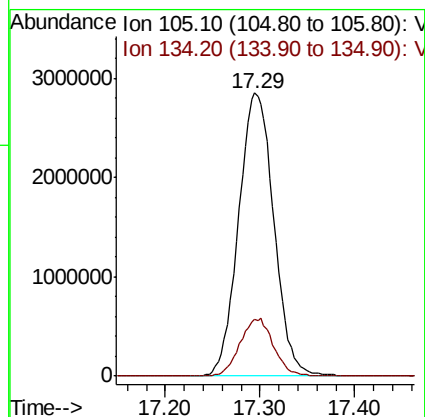
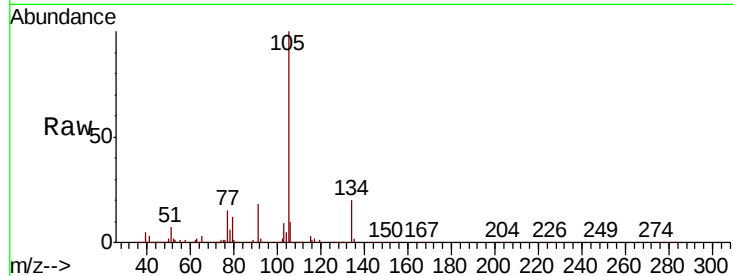




#67
 sec-Butylbenzene
 Concen: 9.603 ppbv
 RT: 17.29 min Scan# 4512
 Delta R.T. 0.02 min
 Lab File: VL037497.D
 Acq: 19 Aug 2021 13:08

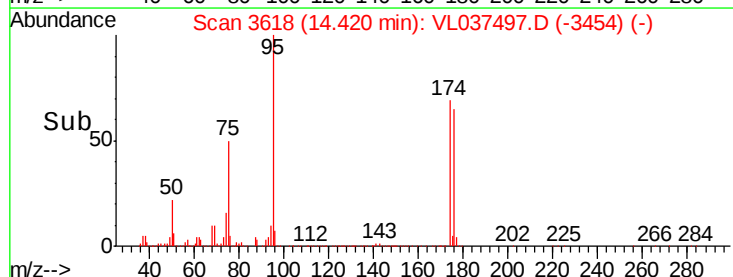
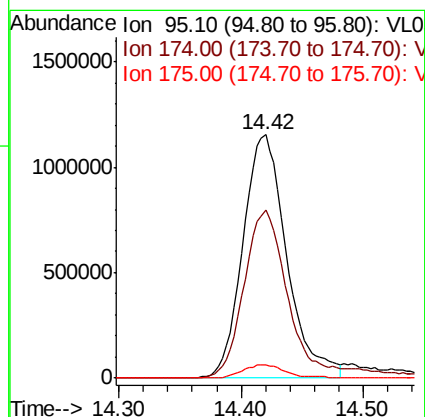
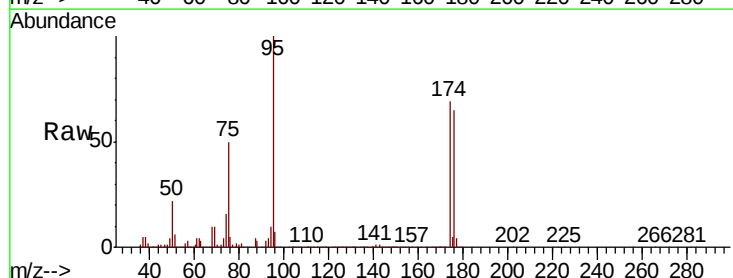
Instrument :
 MSVOA_L
 ClientSampleId :

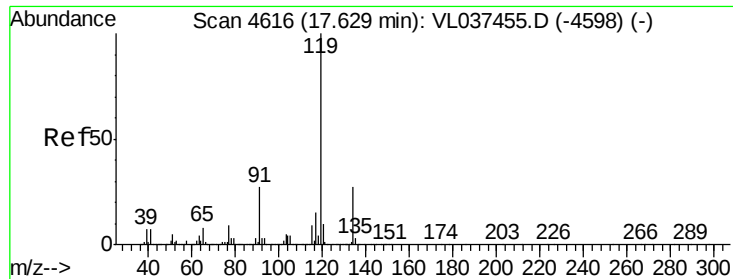
Tot Ion:105 Resp: 7374811
 Ion Ratio Lower Upper
 105 100
 134 19.3 15.2 22.8



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.575 ppbv
 RT: 14.42 min Scan# 3618
 Delta R.T. 0.03 min
 Lab File: VL037497.D
 Acq: 19 Aug 2021 13:08

Tgt Ion: 95 Resp: 2861098
 Ion Ratio Lower Upper
 95 100
 174 73.6 59.6 89.4
 175 5.6 4.6 7.0

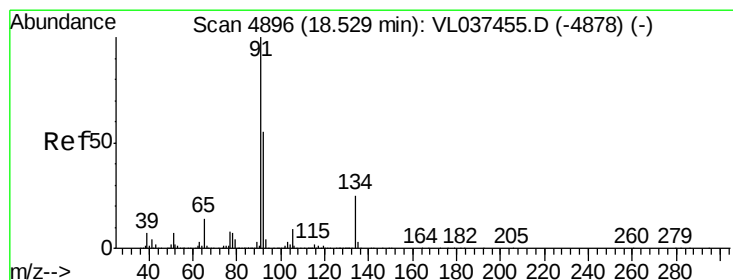
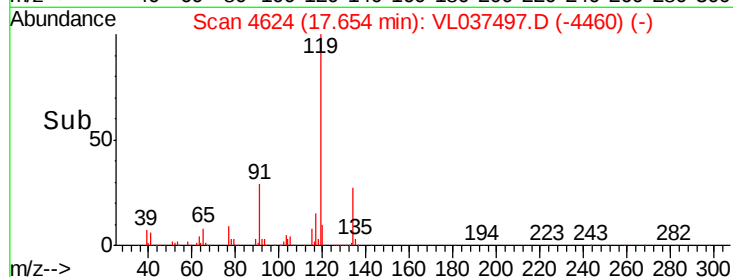
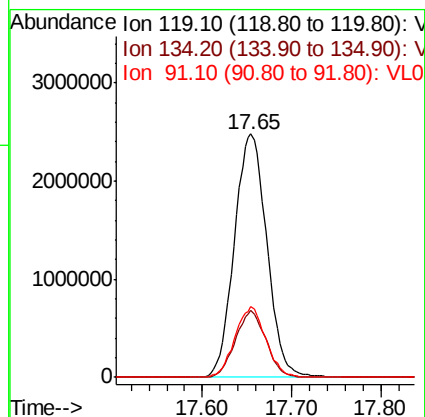
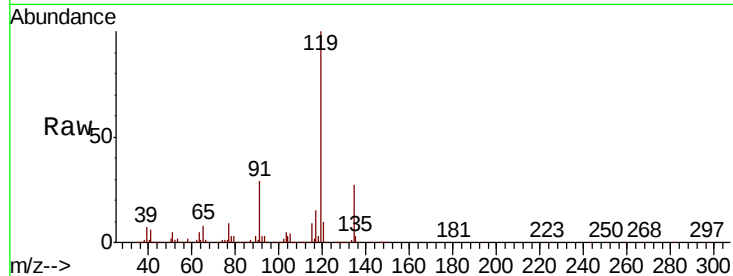




#69
p-Isopropyltoluene
Concen: 9.978 ppbv
RT: 17.65 min Scan# 4624
Delta R.T. 0.03 min
Lab File: VL037497.D
Acq: 19 Aug 2021 13:08

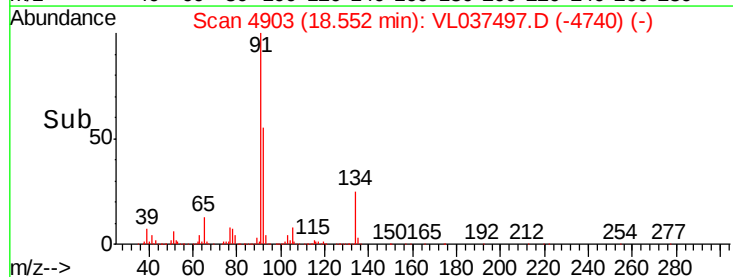
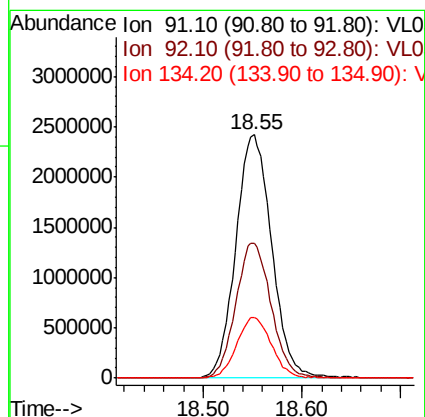
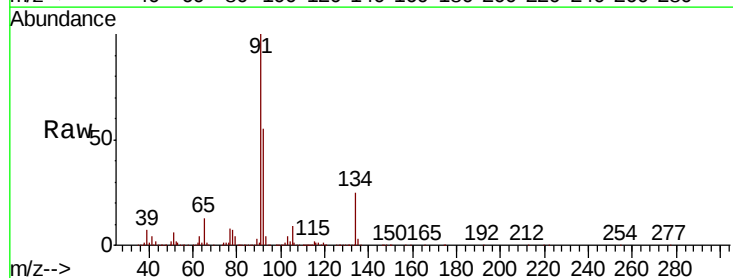
Instrument :
MSVOA_L
ClientSampleId :

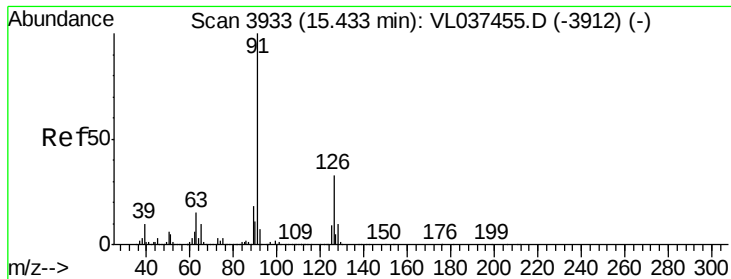
Tot Ion:119 Resp: 6244055
Ion Ratio Lower Upper
119 100
134 26.0 21.1 31.7
91 27.5 22.4 33.6



#70
n-Butylbenzene
Concen: 10.201 ppbv
RT: 18.55 min Scan# 4903
Delta R.T. 0.02 min
Lab File: VL037497.D
Acq: 19 Aug 2021 13:08

Tgt Ion: 91 Resp: 6100982
Ion Ratio Lower Upper
91 100
92 55.1 44.0 66.0
134 24.3 19.5 29.3





#71

2-Chlorotoluene

Concen: 9.926 ppbv

RT: 15.46 min Scan# 3940

Delta R.T. 0.02 min

Lab File: VL037497.D

Acq: 19 Aug 2021 13:08

Instrument :

MSVOA_L

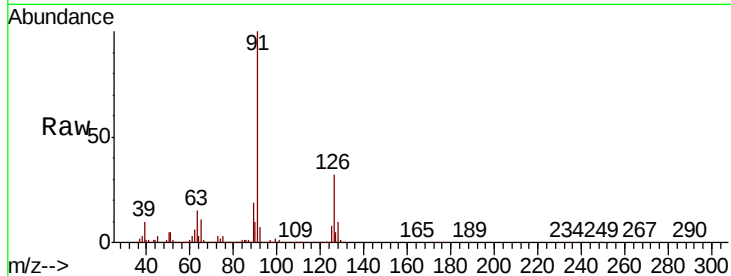
ClientSampleId :

Tot Ion: 91 Resp: 4392895

Ion Ratio Lower Upper

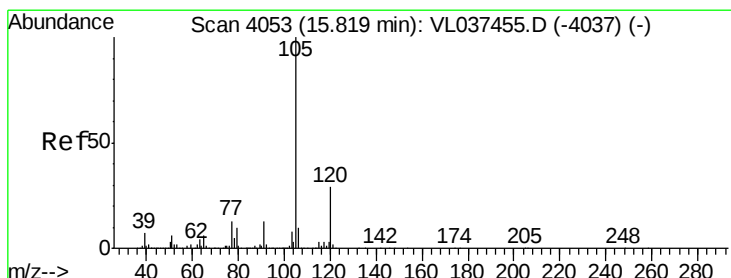
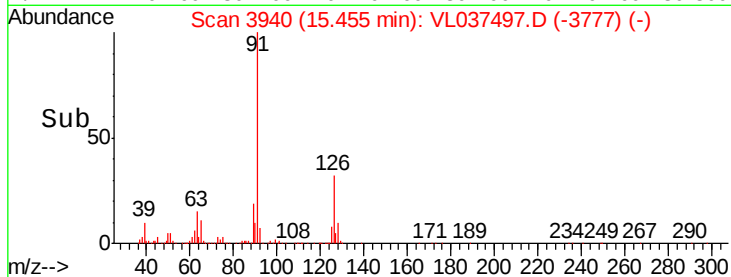
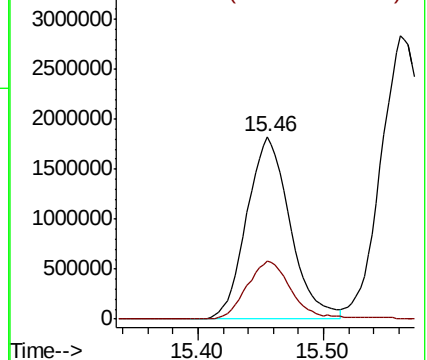
91 100

126 33.5 13.6 54.4



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V



#72

4-Ethyltoluene

Concen: 10.114 ppbv

RT: 15.84 min Scan# 4060

Delta R.T. 0.02 min

Lab File: VL037497.D

Acq: 19 Aug 2021 13:08

Tgt Ion:105 Resp: 5143858

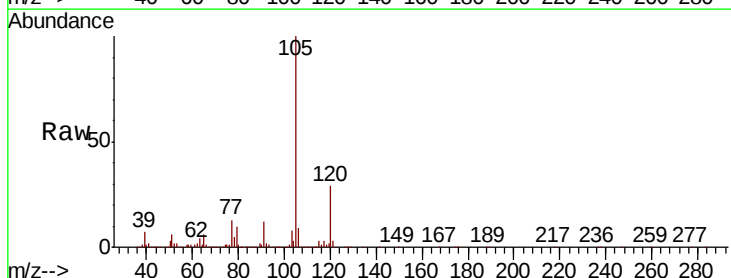
Ion Ratio Lower Upper

105 100

120 30.7 24.7 37.1

91 12.3 9.8 14.8

77 13.3 10.6 15.8

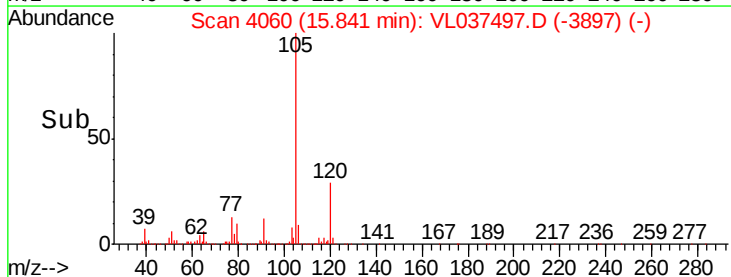
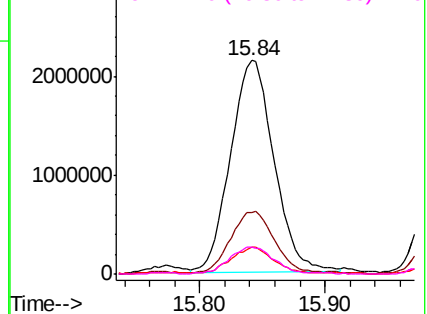


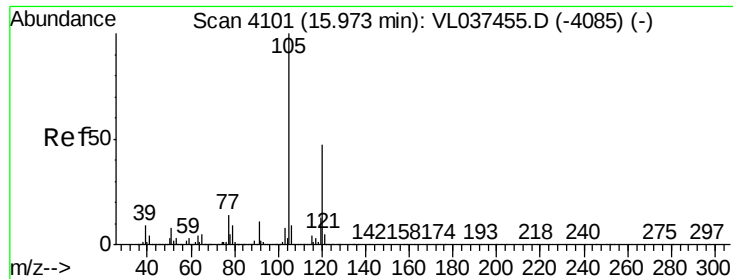
Abundance Ion 105.10 (104.80 to 105.80): V

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

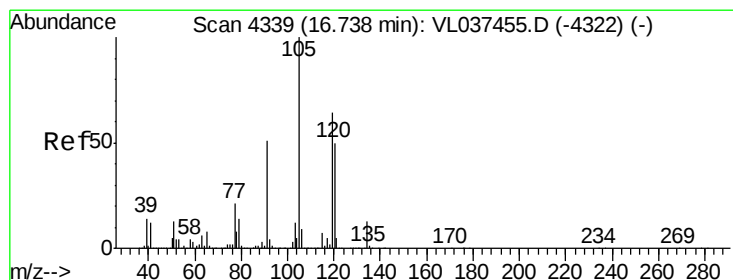
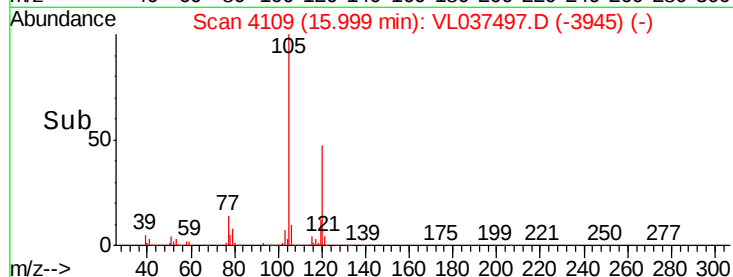
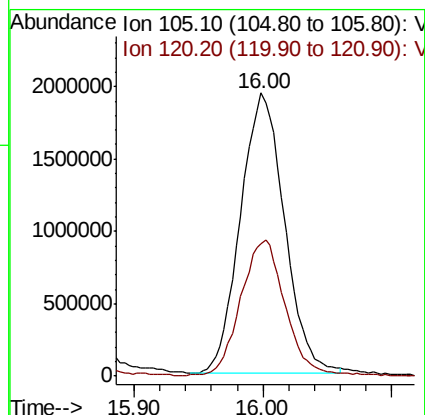
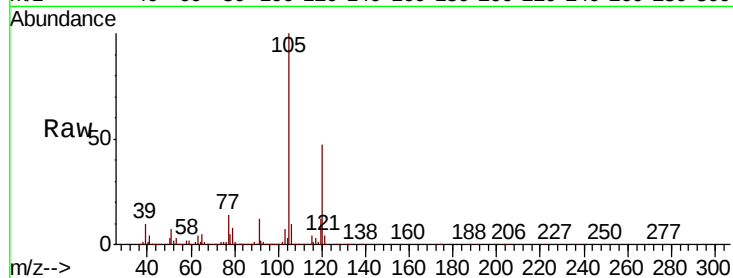




#73
 1,3,5-Trimethylbenzene
 Concen: 9.731 ppbv
 RT: 16.00 min Scan# 4109
 Delta R.T. 0.03 min
 Lab File: VL037497.D
 Acq: 19 Aug 2021 13:08

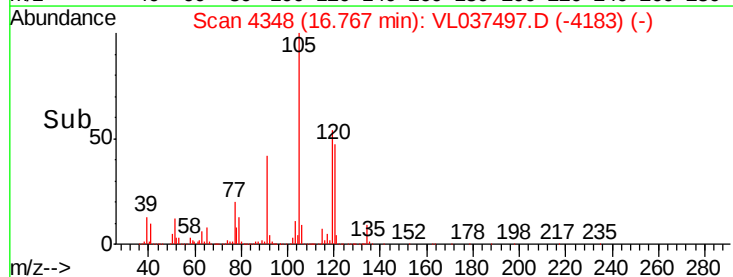
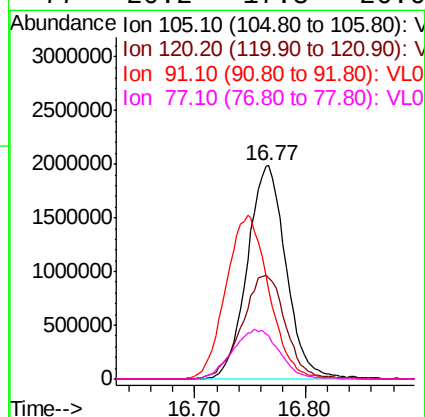
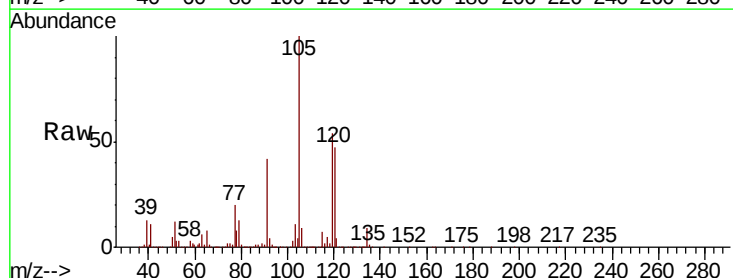
Instrument :
 MSVOA_L
 ClientSampled :

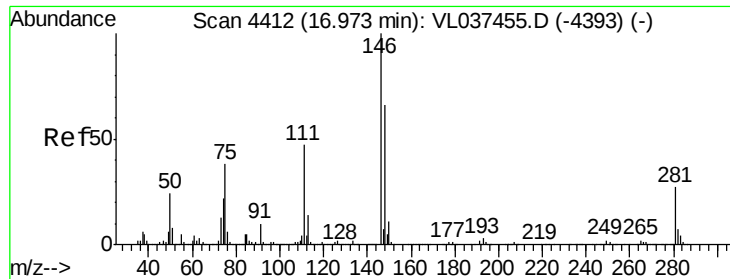
Tot Ion:105 Resp: 4607004
 Ion Ratio Lower Upper
 105 100
 120 46.7 37.6 56.4



#74
 1,2,4-Trimethylbenzene
 Concen: 9.579 ppbv
 RT: 16.77 min Scan# 4348
 Delta R.T. 0.03 min
 Lab File: VL037497.D
 Acq: 19 Aug 2021 13:08

Tgt Ion:105 Resp: 4819268
 Ion Ratio Lower Upper
 105 100
 120 47.1 40.4 60.6
 91 41.4 44.6 67.0#
 77 20.2 17.8 26.6

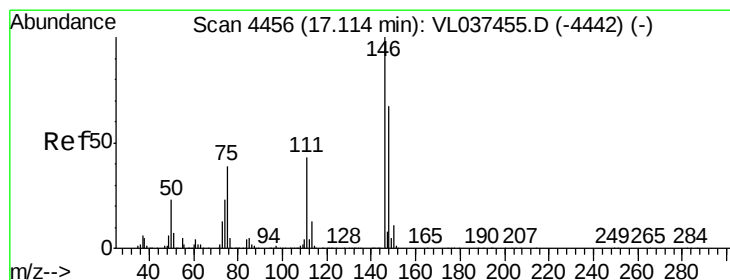
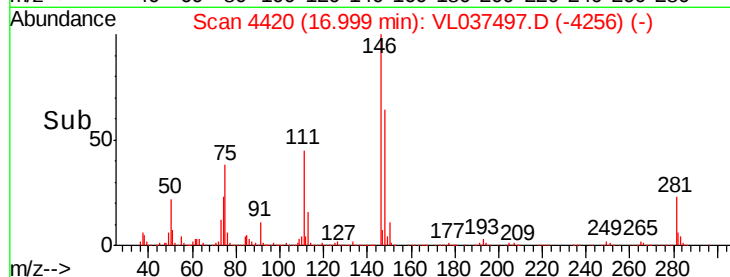
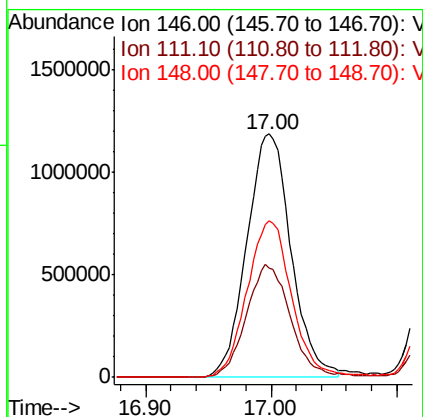
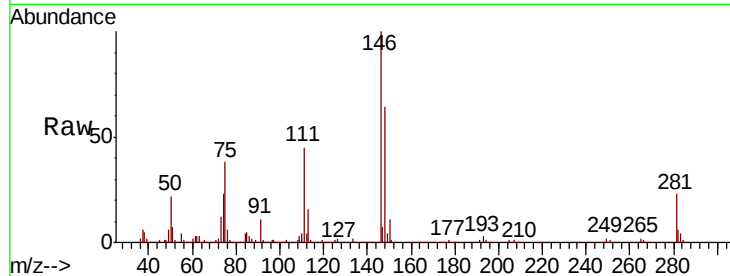




#75
 1,3-Dichlorobenzene
 Concen: 9.621 ppbv
 RT: 17.00 min Scan# 4420
 Delta R.T. 0.03 min
 Lab File: VL037497.D
 Acq: 19 Aug 2021 13:08

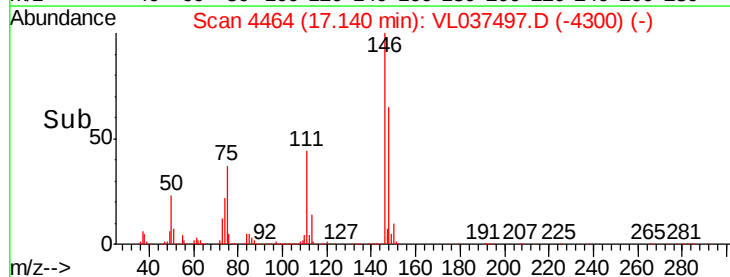
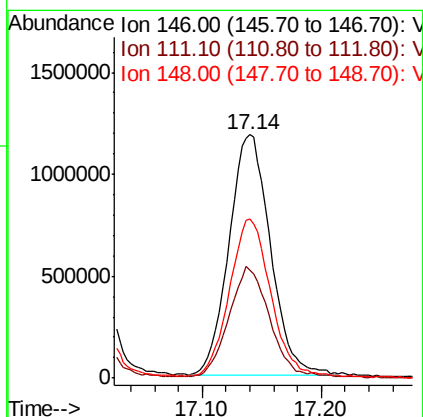
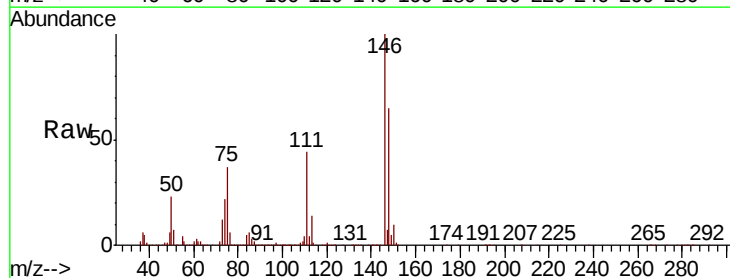
Instrument :
 MSVOA_L
 ClientSampleId :

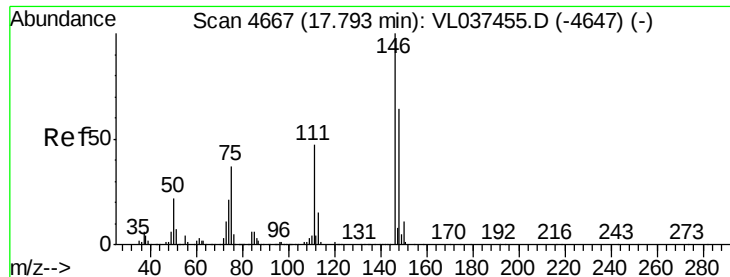
Tot Ion:146 Resp: 2913530
 Ion Ratio Lower Upper
 146 100
 111 46.4 23.4 70.0
 148 65.2 33.1 99.5



#76
 1,4-Dichlorobenzene
 Concen: 9.358 ppbv
 RT: 17.14 min Scan# 4464
 Delta R.T. 0.03 min
 Lab File: VL037497.D
 Acq: 19 Aug 2021 13:08

Tgt Ion:146 Resp: 2854788
 Ion Ratio Lower Upper
 146 100
 111 45.7 22.1 66.5
 148 67.3 32.4 97.0

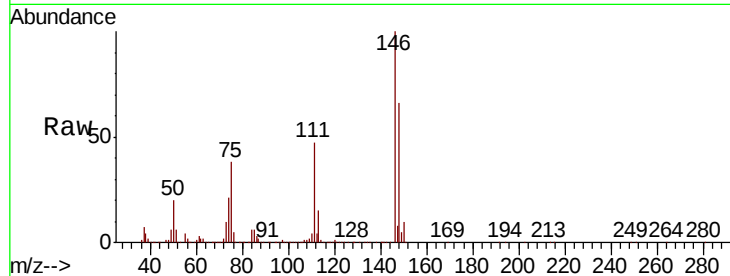




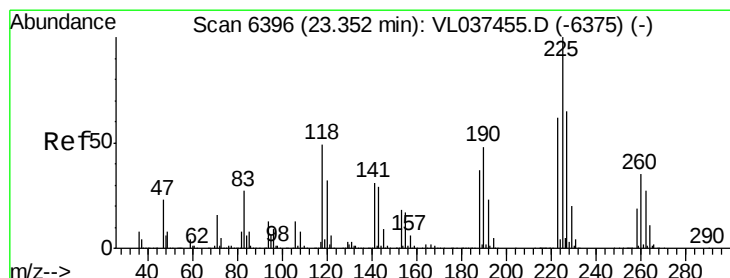
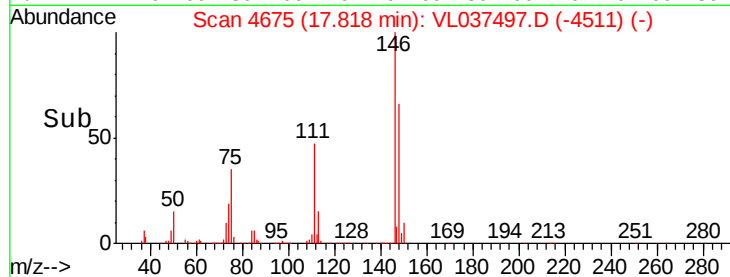
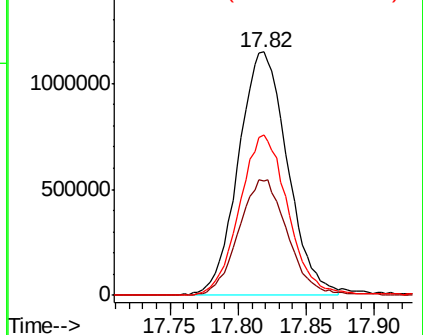
#77
 1,2-Dichlorobenzene
 Concen: 9.522 ppbv
 RT: 17.82 min Scan# 4675
 Delta R.T. 0.03 min
 Lab File: VL037497.D
 Acq: 19 Aug 2021 13:08

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion:146 Resp: 2839403
 Ion Ratio Lower Upper
 146 100
 111 48.1 23.4 70.3
 148 66.2 32.5 97.5

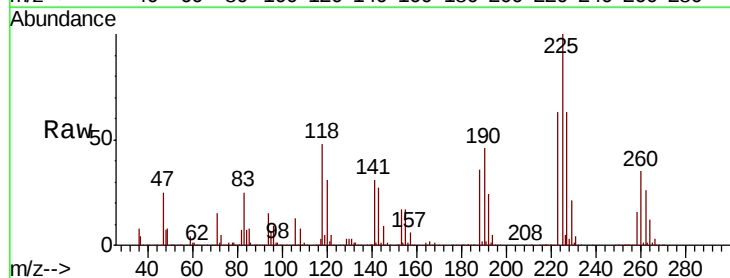


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.10 (110.80 to 111.80): V
 Ion 148.00 (147.70 to 148.70): V

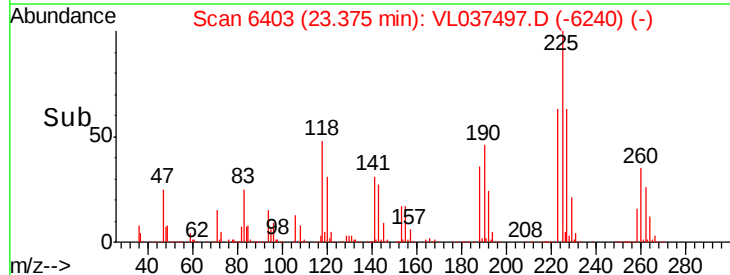
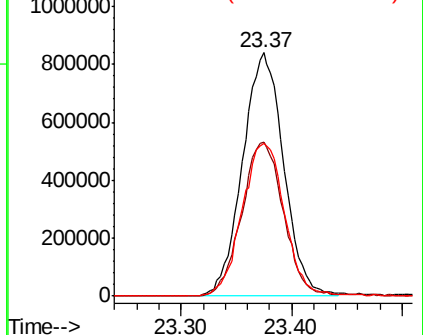


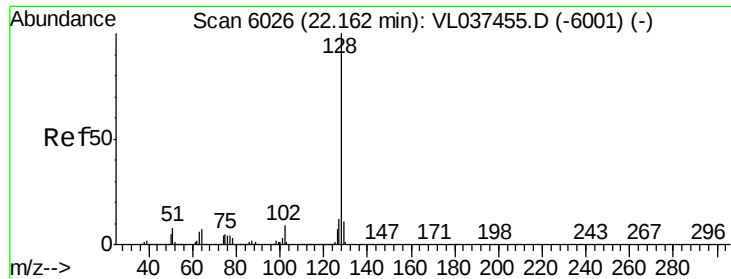
#78
 Hexachloro-1,3-Butadiene
 Concen: 8.763 ppbv
 RT: 23.37 min Scan# 6403
 Delta R.T. 0.02 min
 Lab File: VL037497.D
 Acq: 19 Aug 2021 13:08

Tgt Ion:225 Resp: 2172493
 Ion Ratio Lower Upper
 225 100
 223 64.5 51.4 77.0
 227 65.7 52.9 79.3



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

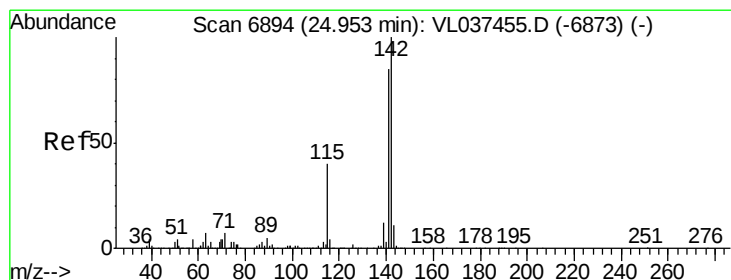
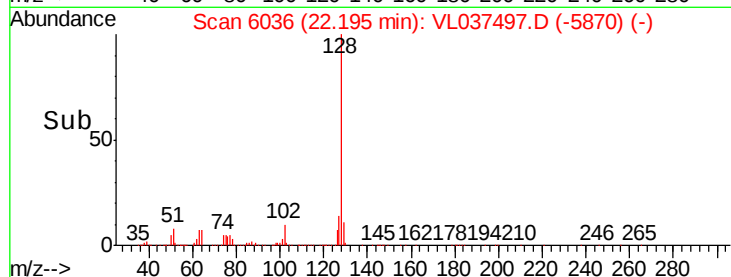
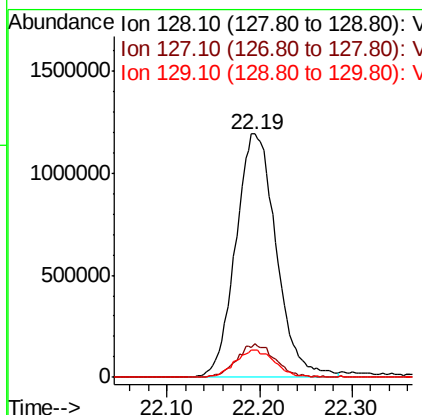
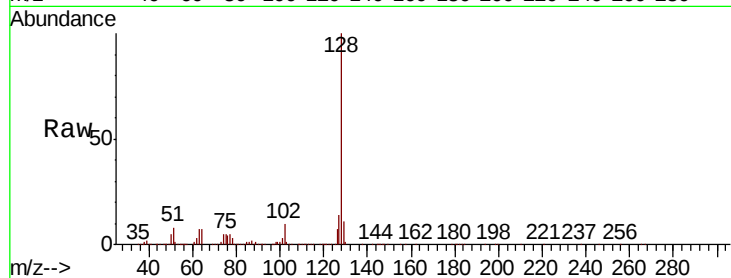




#79
Naphthalene
Concen: 10.759 ppbv
RT: 22.19 min Scan# 6036
Delta R.T. 0.03 min
Lab File: VL037497.D
Acq: 19 Aug 2021 13:08

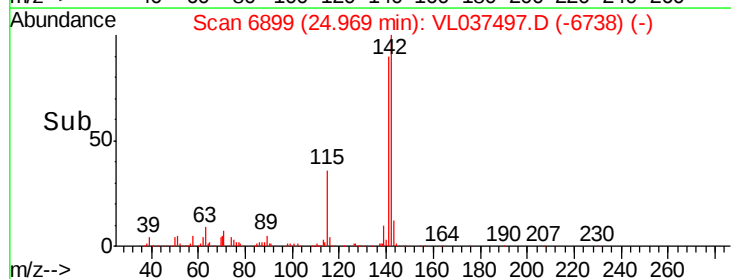
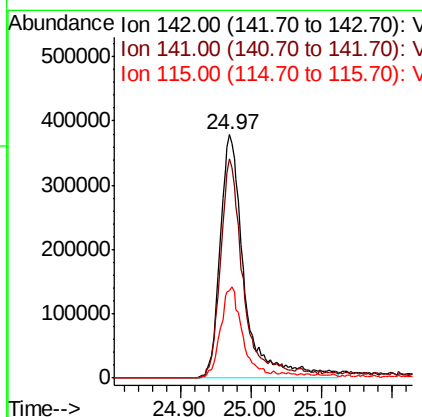
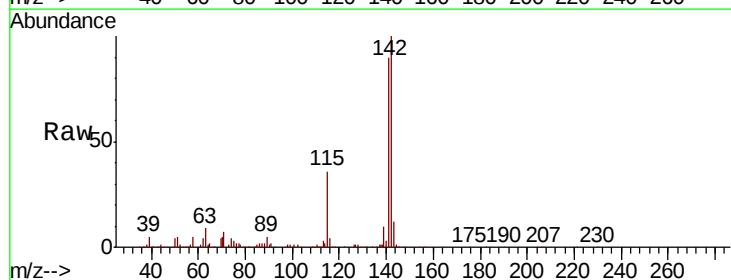
Instrument :
MSVOA_L
ClientSampleId :

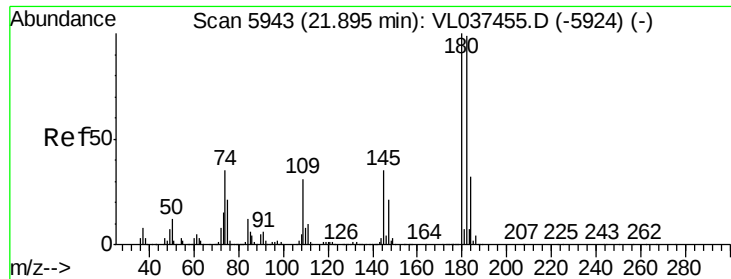
Tot Ion:128 Resp: 3622040
Ion Ratio Lower Upper
128 100
127 13.7 9.4 14.2
129 11.2 8.8 13.2



#80
Naphthalene, 2-methyl-
Concen: 9.749 ppbv
RT: 24.97 min Scan# 6899
Delta R.T. 0.02 min
Lab File: VL037497.D
Acq: 19 Aug 2021 13:08

Tgt Ion:142 Resp: 914341
Ion Ratio Lower Upper
142 100
141 87.6 64.7 97.1
115 36.2 28.4 42.6

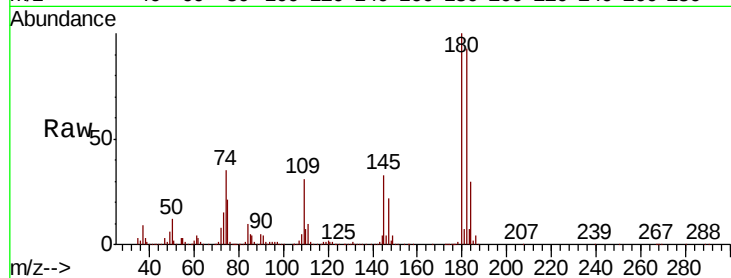




#81
 1,2,4-Trichlorobenzene
 Concen: 10.348 ppbv
 RT: 21.92 min Scan# 5952
 Delta R.T. 0.03 min
 Lab File: VL037497.D
 Acq: 19 Aug 2021 13:08

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion:180 Resp: 2186072
 Ion Ratio Lower Upper
 180 100
 182 98.0 79.6 119.4
 184 31.1 25.4 38.2



Abundance Ion 180.00 (179.70 to 180.70): V
 1000000 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V

