

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032921\
 Data File : VL036536.D
 Acq On : 29 Mar 2021 11:04
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Mar 30 06:38:41 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 09:42:40 2021
 QLast Update : Thu Mar 25 09:42:40 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1633341	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3885691	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	4479936	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	3057056	8.56	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	85.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.04	85	2624050	9.850 ppbv	98
3) Chlorodifluoromethane	2.99	51	2769665	9.076 ppbv	100
4) Chloromethane	3.14	50	1023054	9.491 ppbv	99
5) Vinyl Chloride	3.26	62	972551	8.775 ppbv	97
6) Bromomethane	3.47	94	559317	9.166 ppbv	93
7) Chloroethane	3.56	64	346155	9.089 ppbv	96
8) Dichlorotetrafluoroethane	3.18	85	2363458	9.295 ppbv	100
9) Propene	3.01	41	923445	9.492 ppbv	97
10) Heptane	8.12	43	2361020	9.526 ppbv	99
11) Trichlorofluoromethane	3.95	101	2559333	9.427 ppbv	97
12) 1,1,2-Trichlorotrifluoroet	4.48	101	1604869	9.246 ppbv	98
13) Ethanol	3.60	45	64171	5.539 ppbv	75
14) Bromoethene	3.74	108	664151	9.204 ppbv	97
15) Acetone	3.85	43	1383089	8.603 ppbv	100
16) 1,3-Butadiene	3.32	39	1027637	9.182 ppbv	98
17) tert-Butyl alcohol	4.29	59	1245998	8.904 ppbv	100
18) 1,1-Dichloroethene	4.29	96	675497	8.749 ppbv	96
19) Isopropyl Alcohol	3.97	45	687463	7.774 ppbv	98
20) Methylene Chloride	4.34	84	624170	8.293 ppbv	97
21) Allyl Chloride	4.41	41	1210654	9.447 ppbv	99
22) trans-1,2-Dichloroethene	4.89	96	644618	9.005 ppbv	92
23) Vinyl Acetate	5.07	43	2614753	9.509 ppbv	99
24) 1,1-Dichloroethane	5.01	63	1875720	9.358 ppbv	98
25) Ethyl Acetate	5.68	43	3536978	9.254 ppbv	99
26) Hexane	5.68	57	1658273	9.350 ppbv	99
27) Carbon Disulfide	4.55	76	1794265	10.269 ppbv	99
28) Methyl tert-Butyl Ether	5.03	73	1926131	9.209 ppbv	98
29) Chloroform	5.75	83	2651739	9.349 ppbv	99
30) Cyclohexane	7.13	84	1346247	9.359 ppbv	96
31) cis-1,2-Dichloroethene	5.55	61	1614802	9.413 ppbv	97
32) 1,1,1-Trichloroethane	6.51	97	2631641	9.206 ppbv	98
34) 2-Butanone	5.25	43	1743404	9.192 ppbv	100
35) Carbon Tetrachloride	7.02	117	2776878	9.304 ppbv	98
36) Benzene	6.89	78	3380361	9.433 ppbv	99
37) 1,2-Dichloroethane	6.31	62	1987566	9.423 ppbv	100
38) Trichloroethene	7.83	130	1202145	8.620 ppbv	97
39) 1,2-Dichloropropane	7.62	63	1355192	9.322 ppbv	97
40) 1,4-Dioxane	7.83	88	108088	3.195 ppbv	# 1
41) Tetrahydrofuran	6.05	42	795048	9.091 ppbv	98
42) Bromodichloromethane	7.79	83	2773750	9.668 ppbv	98
43) Methyl Methacrylate	8.01	69	1244740	10.344 ppbv	97

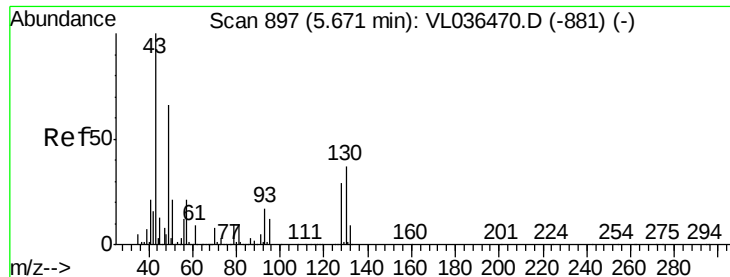
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032921\
 Data File : VL036536.D
 Acq On : 29 Mar 2021 11:04
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
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Instrument :
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Quant Time: Mar 30 06:38:41 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 09:42:40 2021
 QLast Update : Thu Mar 25 09:42:40 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	5755641	9.126	ppbv	99
45) t-1,3-Dichloropropene	9.28	75	1373189	9.993	ppbv	97
46) cis-1,3-Dichloropropene	8.71	75	1714542	9.761	ppbv	99
47) 1,1,2-Trichloroethane	9.48	97	1361779	9.248	ppbv	97
48) Dibromochloromethane	10.31	129	2213739	9.863	ppbv	100
49) Bromoform	13.04	173	1757590	9.718	ppbv	98
50) 4-Methyl-2-Pentanone	8.74	43	2744538	10.000	ppbv	98
51) 2-Hexanone	10.14	43	1460871	10.548	ppbv #	100
52) Tetrachloroethene	11.23	164	1102015	8.351	ppbv	97
53) Toluene	9.81	91	3735697	9.789	ppbv	99
54) 1,2-Dibromoethane	10.62	107	1912670	9.198	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.13	131	1509035	7.447	ppbv #	59
57) Chlorobenzene	12.15	112	2658765	6.975	ppbv	98
58) Ethyl Benzene	12.71	91	4975767	7.634	ppbv	98
59) m/p-Xylene	13.00	91	4382437	7.709	ppbv #	38
60) o-Xylene	13.70	91	3975267	7.232	ppbv	100
61) Styrene	13.53	104	2311207	8.358	ppbv	99
62) Isopropylbenzene	14.67	105	5291038	7.148	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.68	83	2806224	6.693	ppbv	100
64) n-propylbenzene	15.56	120	1379272	7.621	ppbv	98
65) tert-Butylbenzene	16.75	119	4558181	7.101	ppbv	99
66) Benzyl Chloride	16.99	91	598035	8.429	ppbv	100
67) sec-Butylbenzene	17.30	105	6409501	7.074	ppbv	100
69) p-Isopropyltoluene	17.66	119	5275544	7.456	ppbv	100
70) n-Butylbenzene	18.56	91	5523806	7.530	ppbv	100
71) 2-Chlorotoluene	15.46	91	4068183	7.334	ppbv	100
72) 4-Ethyltoluene	15.84	105	4552121	7.558	ppbv	99
73) 1,3,5-Trimethylbenzene	16.00	105	4114941	7.320	ppbv	99
74) 1,2,4-Trimethylbenzene	16.77	105	4226599	7.026	ppbv	99
75) 1,3-Dichlorobenzene	17.00	146	2323366	6.861	ppbv	100
76) 1,4-Dichlorobenzene	17.14	146	2280824	6.784	ppbv	99
77) 1,2-Dichlorobenzene	17.82	146	2244141	7.050	ppbv	98
78) Hexachloro-1,3-Butadiene	23.38	225	1883830	6.609	ppbv	98
79) Naphthalene	22.20	128	3385620	9.645	ppbv	99
80) Naphthalene, 2-methyl-	24.98	142	623437	9.006	ppbv	98
81) 1,2,4-Trichlorobenzene	21.94	180	700659	3.233	ppbv #	1

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 896

Delta R.T. -0.00 min

Lab File: VL036536.D

Acq: 29 Mar 2021 11:04

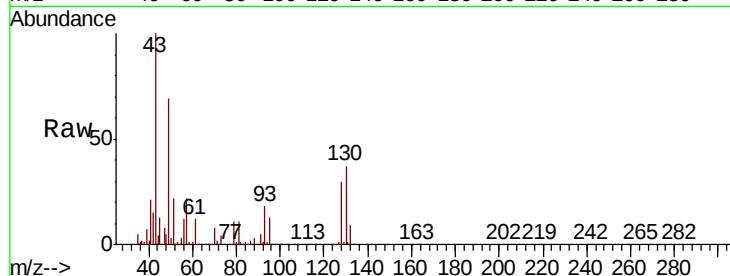
Instrument :

MSVOA_L

ClientSampleId :

Tot Ion: 49 Resp: 1633341

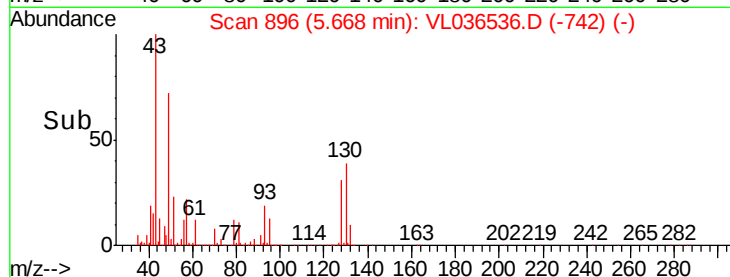
Ion	Ratio	Lower	Upper
49	100		
128	46.5	23.5	70.6
130	57.0	29.1	87.4



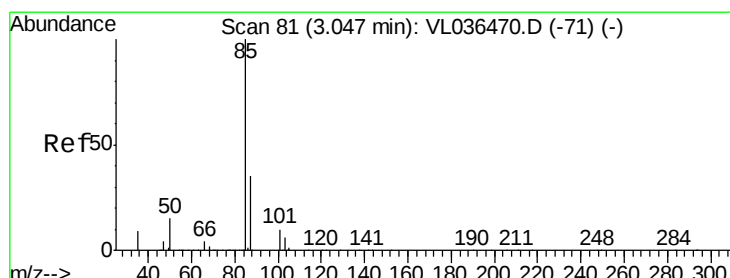
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



Time-->



#2

Dichlorodifluoromethane

Concen: 9.850 ppbv

RT: 3.04 min Scan# 80

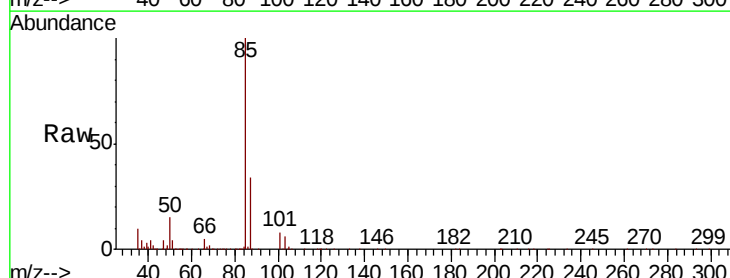
Delta R.T. -0.00 min

Lab File: VL036536.D

Acq: 29 Mar 2021 11:04

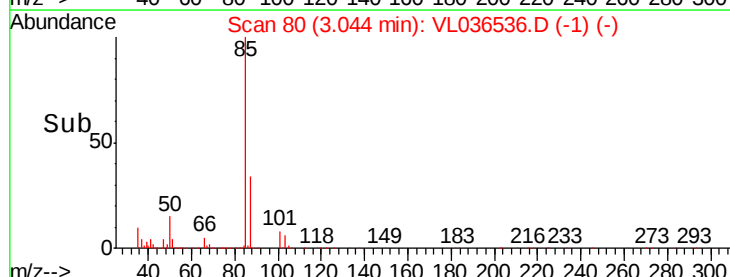
Tgt Ion: 85 Resp: 2624050

Ion	Ratio	Lower	Upper
85	100		
87	33.8	27.8	41.8

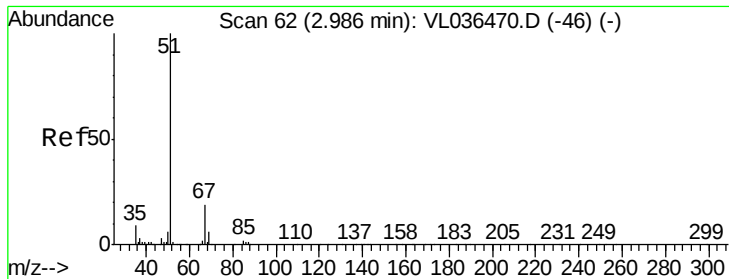


Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0



Time-->



#3

Chlorodifluoromethane

Concen: 9.076 ppbv

RT: 2.99 min Scan# 62

Delta R.T. -0.00 min

Lab File: VL036536.D

Acq: 29 Mar 2021 11:04

Instrument :

MSVOA_L

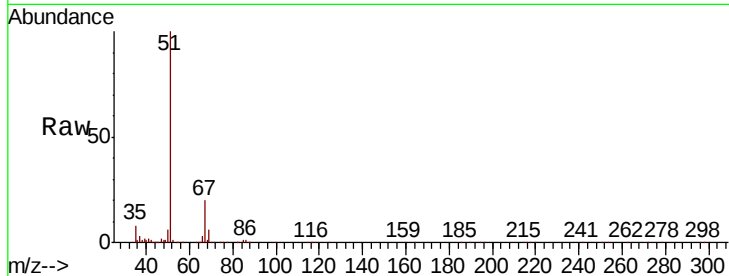
ClientSampleId :

Tot Ion: 51 Resp: 2769665

Ion Ratio Lower Upper

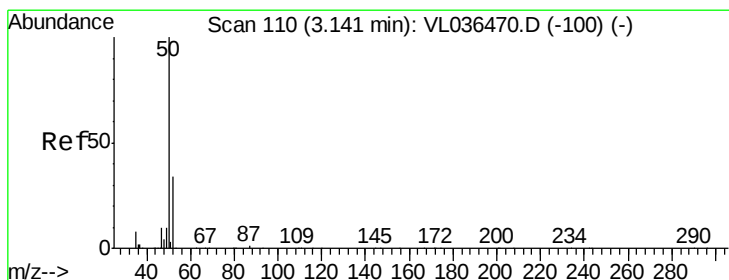
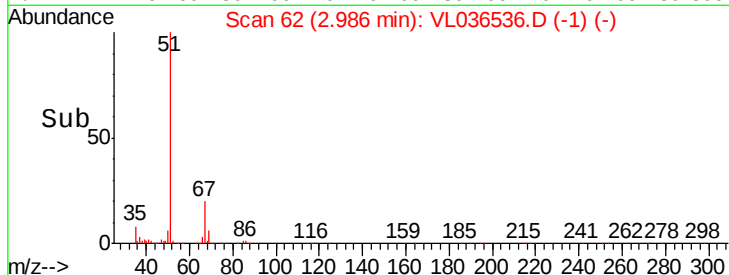
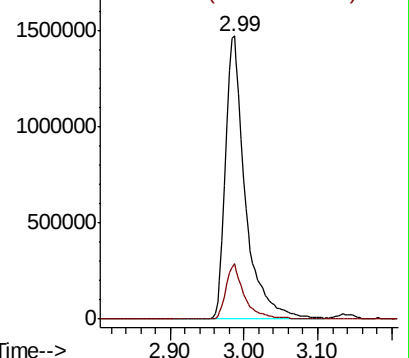
51 100

67 18.4 14.7 22.1



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 9.491 ppbv

RT: 3.14 min Scan# 109

Delta R.T. -0.00 min

Lab File: VL036536.D

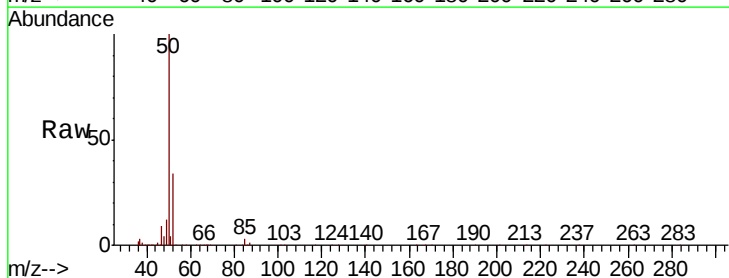
Acq: 29 Mar 2021 11:04

Tgt Ion: 50 Resp: 1023054

Ion Ratio Lower Upper

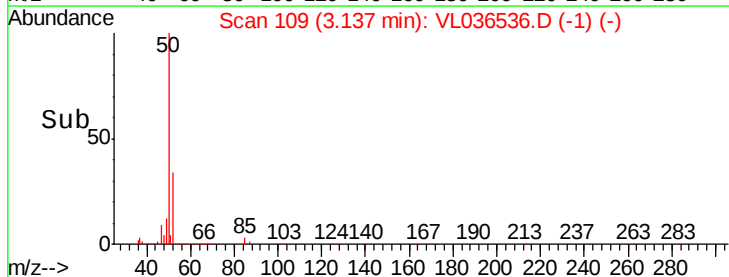
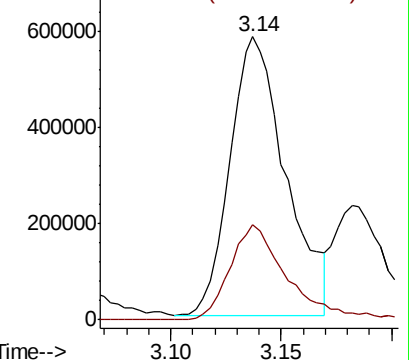
50 100

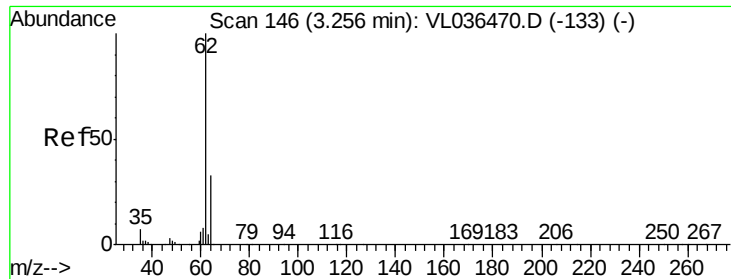
52 34.1 27.0 40.6



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 8.775 ppbv

RT: 3.26 min Scan# 146

Delta R.T. -0.00 min

Lab File: VL036536.D

Acq: 29 Mar 2021 11:04

Instrument :

MSVOA_L

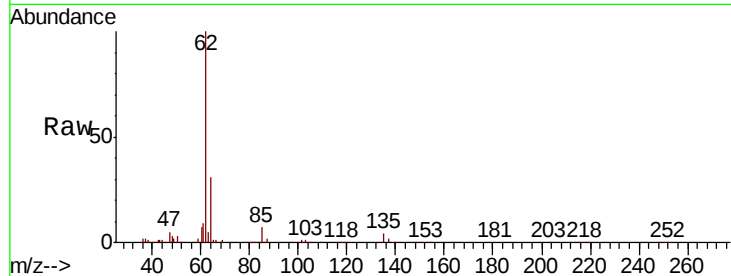
ClientSampleId :

Tot Ion: 62 Resp: 972551

Ion Ratio Lower Upper

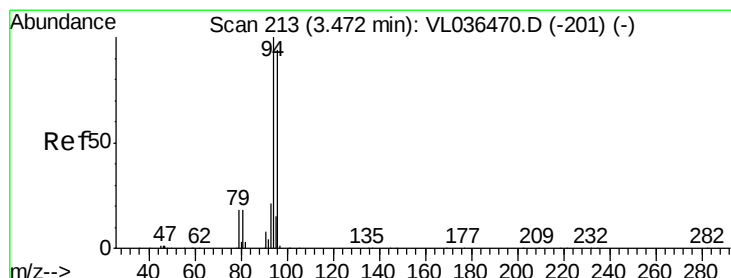
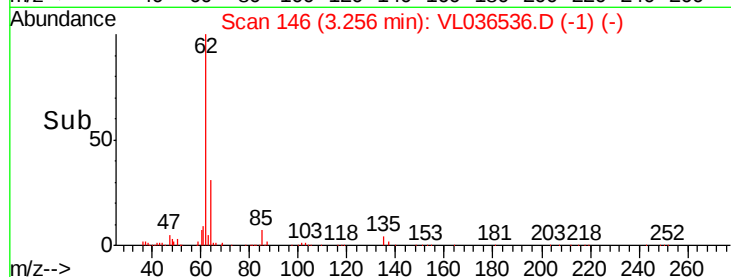
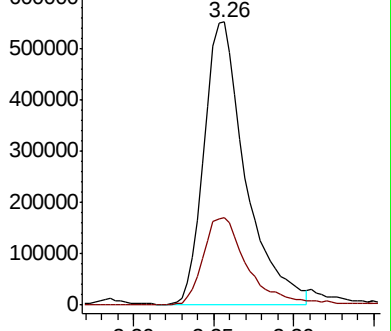
62 100

64 31.2 26.4 39.6



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0



#6

Bromomethane

Concen: 9.166 ppbv

RT: 3.47 min Scan# 213

Delta R.T. -0.00 min

Lab File: VL036536.D

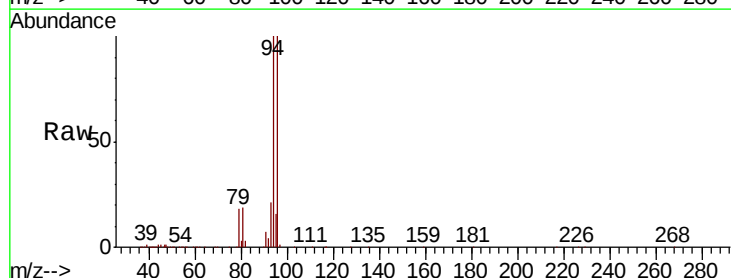
Acq: 29 Mar 2021 11:04

Tgt Ion: 94 Resp: 559317

Ion Ratio Lower Upper

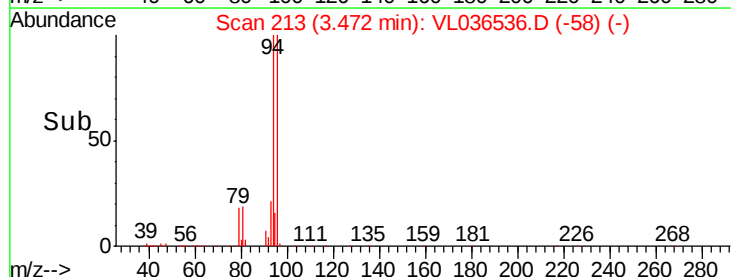
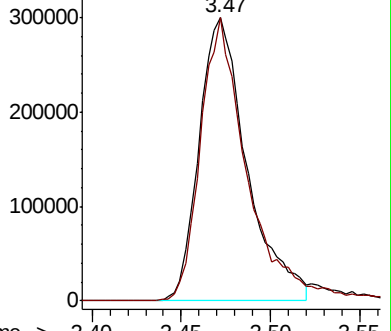
94 100

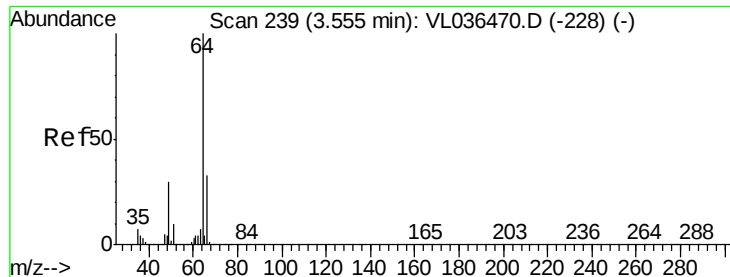
96 100.0 74.9 112.3



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0





#7

Chloroethane

Concen: 9.089 ppbv

RT: 3.56 min Scan# 239

Delta R.T. -0.00 min

Lab File: VL036536.D

Acq: 29 Mar 2021 11:04

Instrument :

MSVOA_L

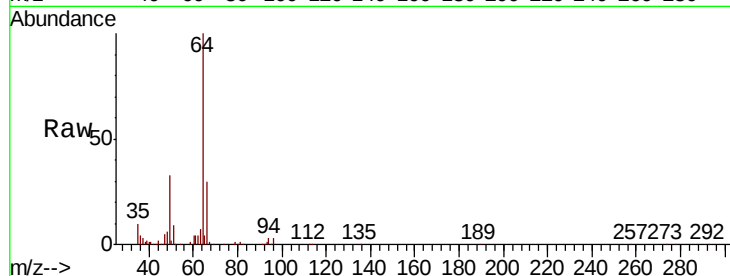
ClientSampleId :

Tot Ion: 64 Resp: 346155

Ion Ratio Lower Upper

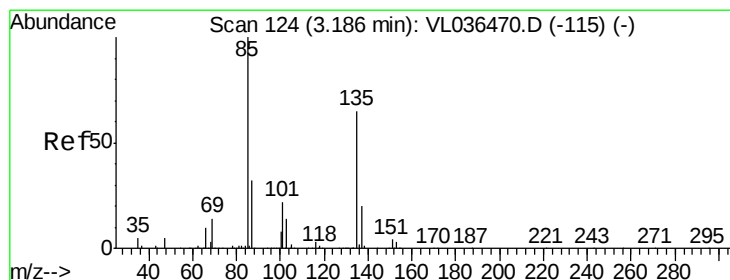
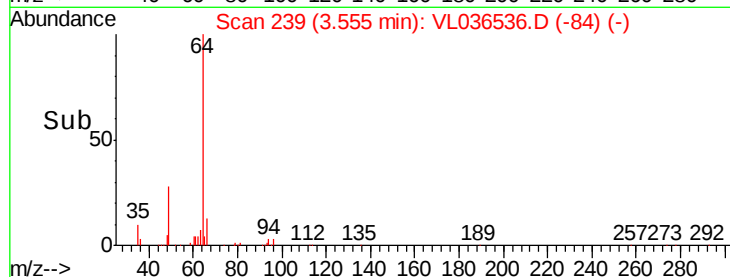
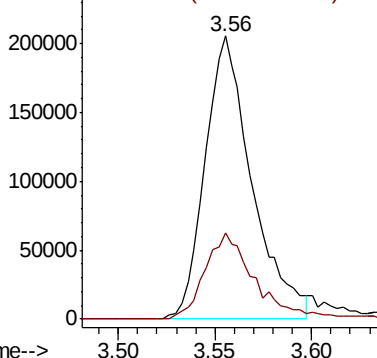
64 100

66 30.4 26.2 39.2



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0



#8

Dichlorotetrafluoroethane

Concen: 9.295 ppbv

RT: 3.18 min Scan# 123

Delta R.T. -0.00 min

Lab File: VL036536.D

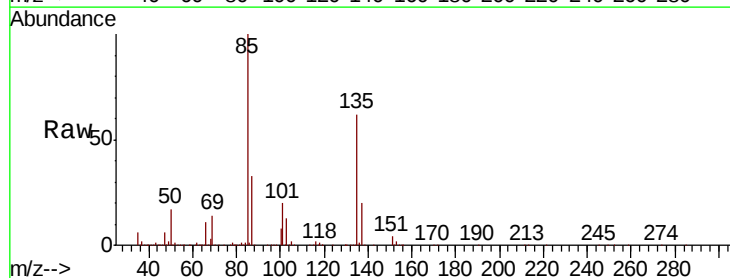
Acq: 29 Mar 2021 11:04

Tgt Ion: 85 Resp: 2363458

Ion Ratio Lower Upper

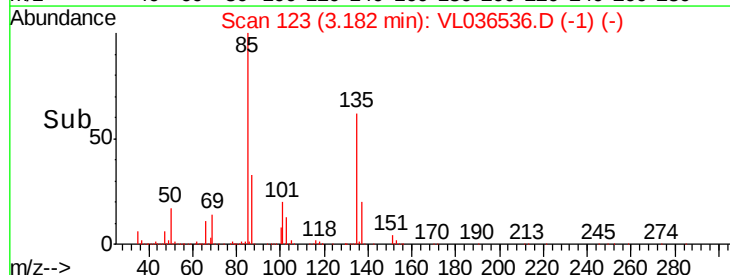
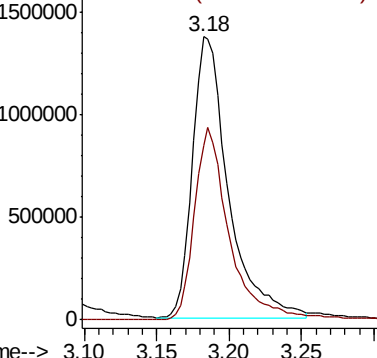
85 100

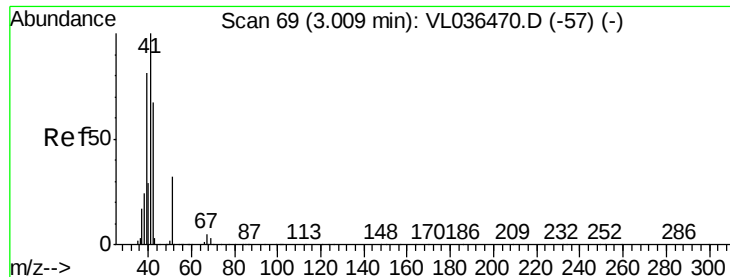
135 67.7 54.3 81.5



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V





#9

Propene

Concen: 9.492 ppbv

RT: 3.01 min Scan# 68

Delta R.T. -0.00 min

Lab File: VL036536.D

Acq: 29 Mar 2021 11:04

Instrument :

MSVOA_L

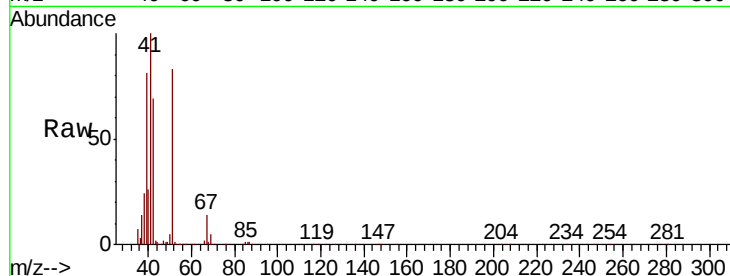
ClientSampleId :

Tot Ion: 41 Resp: 923445

Ion Ratio Lower Upper

41 100

42 69.1 57.0 85.4



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

3.01

600000

500000

400000

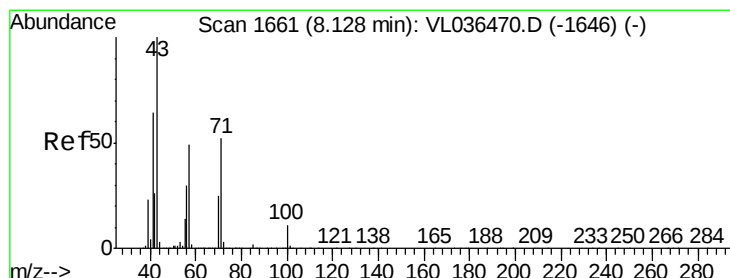
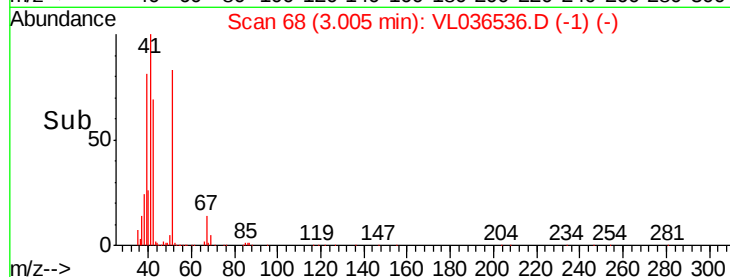
300000

200000

100000

0

Time--> 2.90 3.00 3.10



#10

Heptane

Concen: 9.526 ppbv

RT: 8.12 min Scan# 1660

Delta R.T. -0.00 min

Lab File: VL036536.D

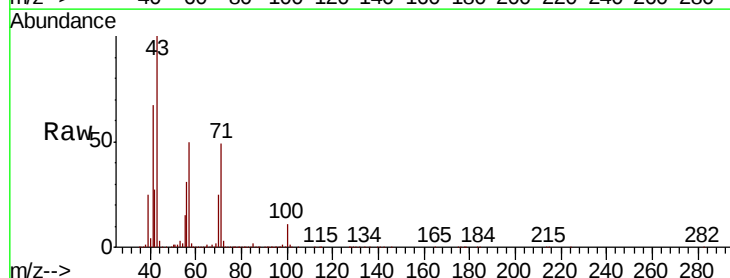
Acq: 29 Mar 2021 11:04

Tgt Ion: 43 Resp: 2361020

Ion Ratio Lower Upper

43 100

57 49.3 39.0 58.6



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

8.12

1200000

1000000

800000

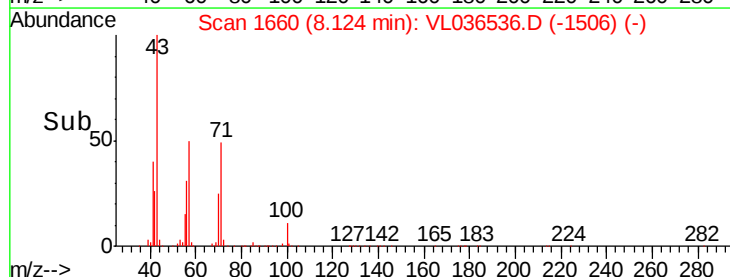
600000

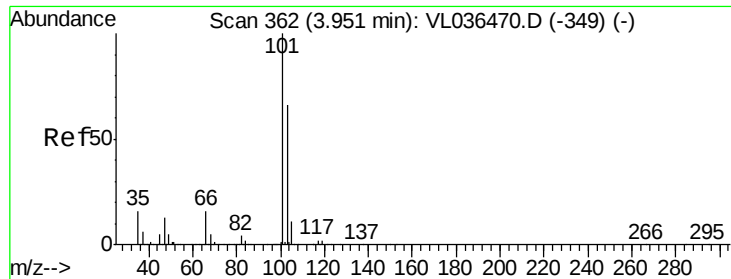
400000

200000

0

Time--> 8.00 8.10 8.20

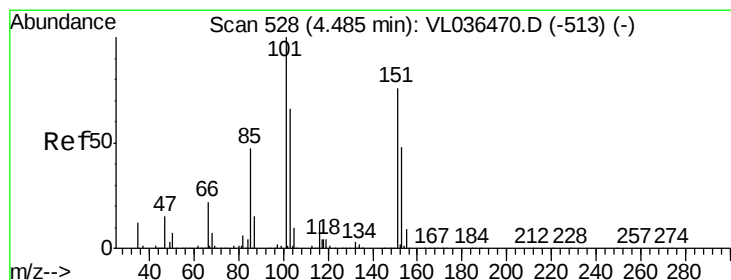
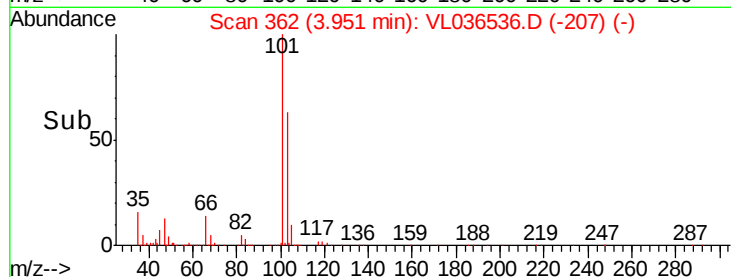
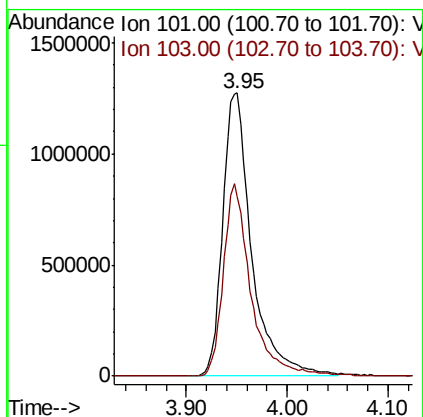
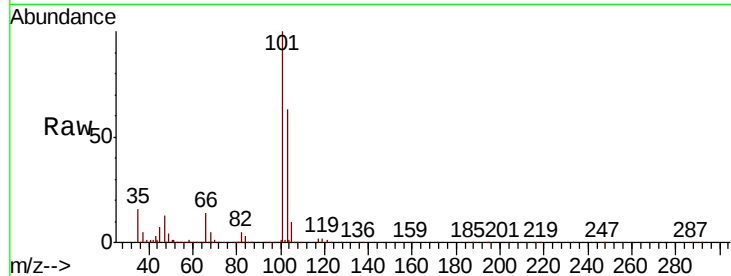




#11
 Trichlorofluoromethane
 Concen: 9.427 ppbv
 RT: 3.95 min Scan# 362
 Delta R.T. -0.00 min
 Lab File: VL036536.D
 Acq: 29 Mar 2021 11:04

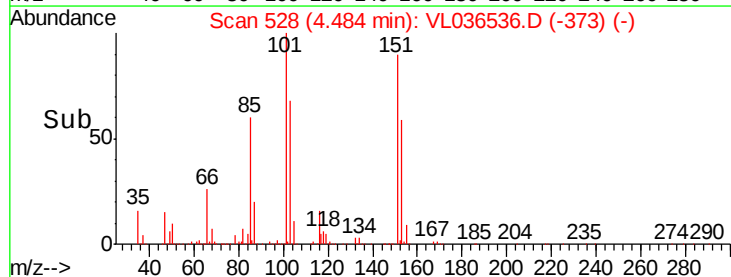
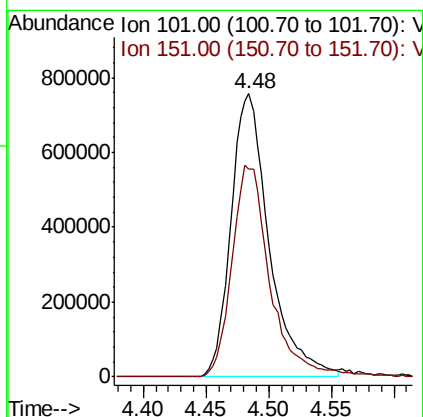
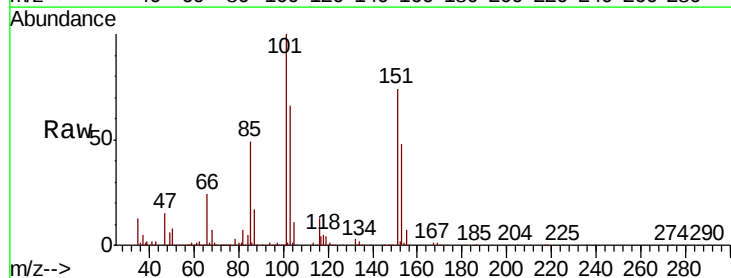
Instrument :
 MSVOA_L
 ClientSampled :

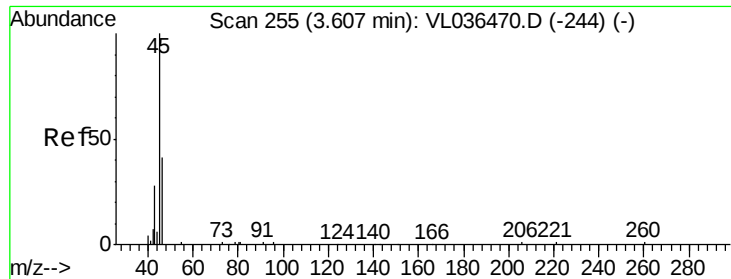
Tot Ion:101 Resp: 2559333
 Ion Ratio Lower Upper
 101 100
 103 63.3 52.5 78.7



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.246 ppbv
 RT: 4.48 min Scan# 528
 Delta R.T. -0.00 min
 Lab File: VL036536.D
 Acq: 29 Mar 2021 11:04

Tgt Ion:101 Resp: 1604869
 Ion Ratio Lower Upper
 101 100
 151 74.8 60.9 91.3

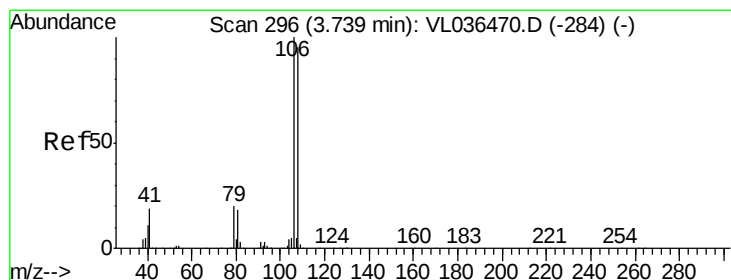
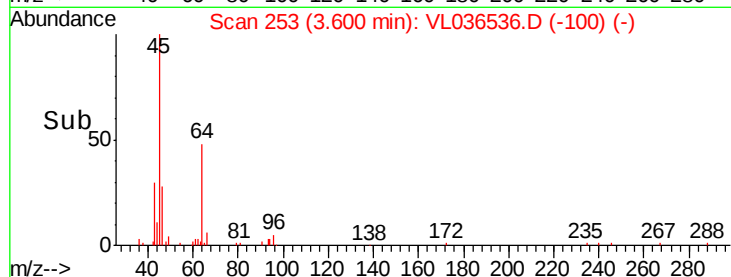
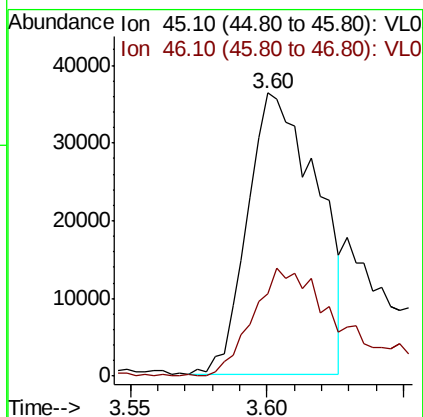
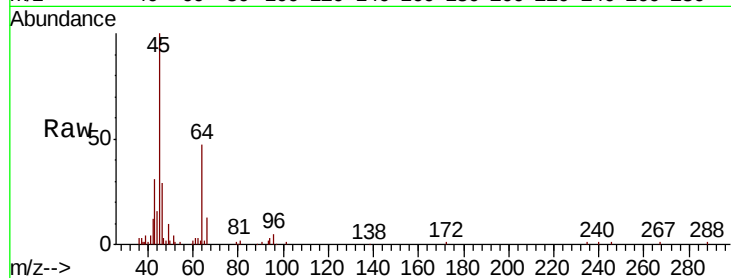




#13
Ethanol
Concen: 5.539 ppbv
RT: 3.60 min Scan# 253
Delta R.T. -0.01 min
Lab File: VL036536.D
Acq: 29 Mar 2021 11:04

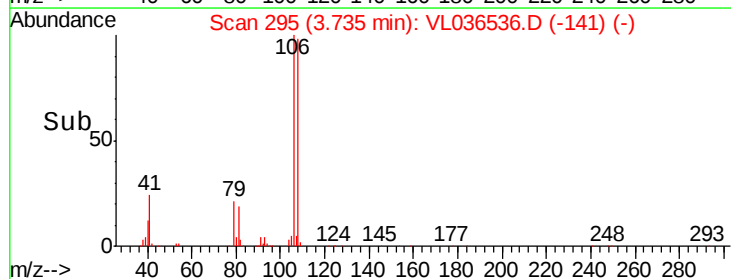
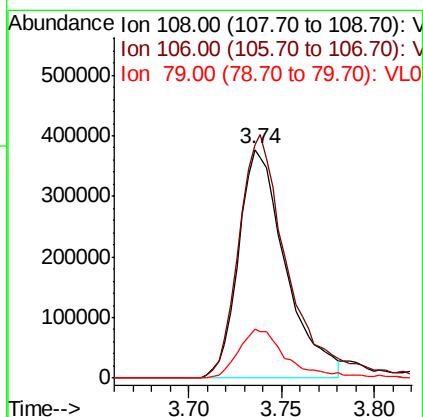
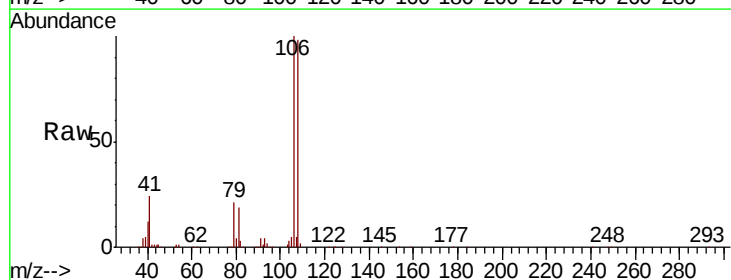
Instrument :
MSVOA_L
ClientSampled :

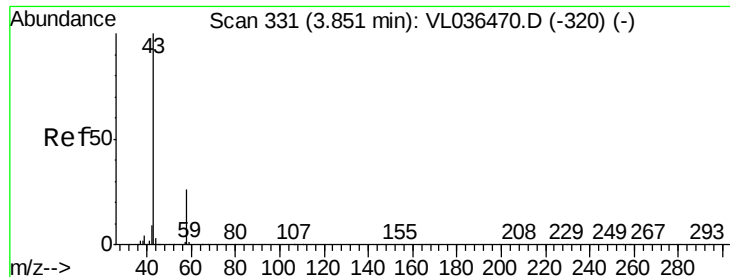
Tot Ion: 45 Resp: 64171
Ion Ratio Lower Upper
45 100
46 57.4 16.6 66.2



#14
Bromoethene
Concen: 9.204 ppbv
RT: 3.74 min Scan# 295
Delta R.T. -0.00 min
Lab File: VL036536.D
Acq: 29 Mar 2021 11:04

Tgt Ion: 108 Resp: 664151
Ion Ratio Lower Upper
108 100
106 113.7 89.0 133.6
79 22.9 16.6 25.0





#15

Acetone

Concen: 8.603 ppbv

RT: 3.85 min Scan# 331

Delta R.T. -0.00 min

Lab File: VL036536.D

Acq: 29 Mar 2021 11:04

Instrument :

MSVOA_L

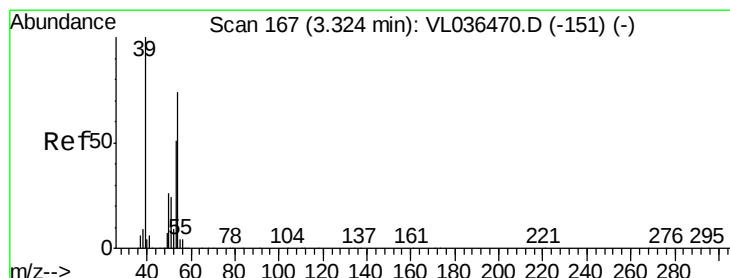
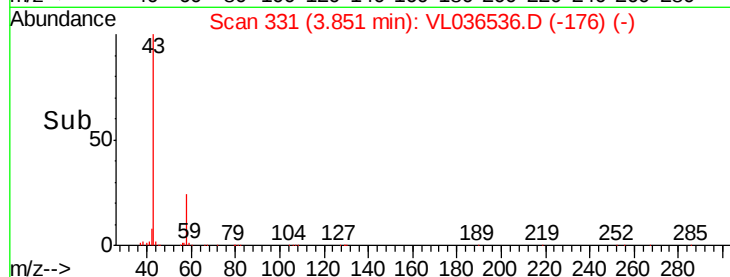
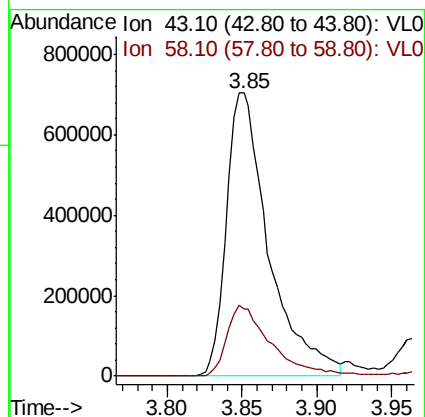
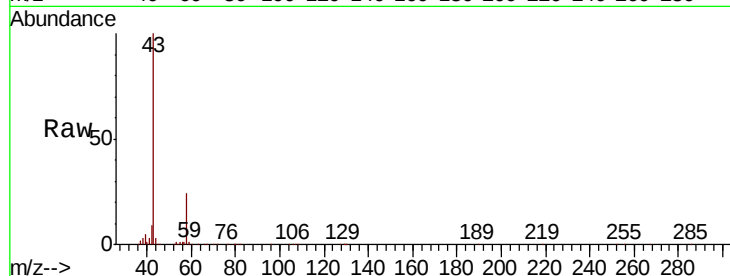
ClientSampleId :

Tot Ion: 43 Resp: 1383089

Ion Ratio Lower Upper

43 100

58 26.3 21.2 31.8



#16

1,3-Butadiene

Concen: 9.182 ppbv

RT: 3.32 min Scan# 167

Delta R.T. -0.00 min

Lab File: VL036536.D

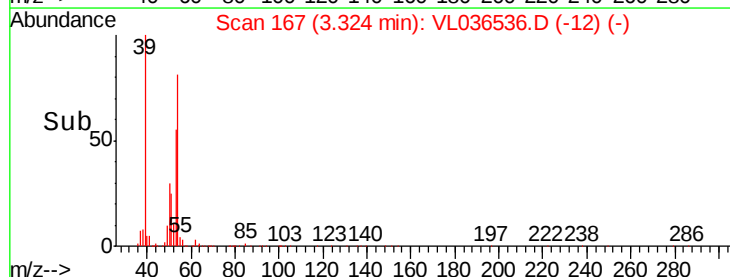
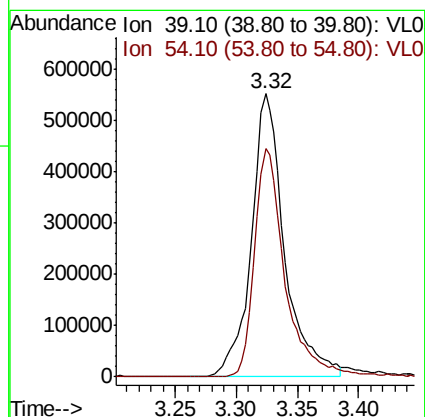
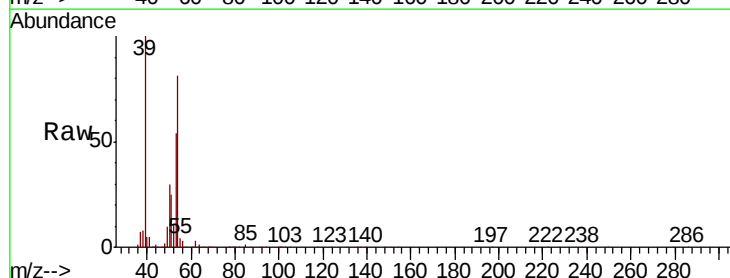
Acq: 29 Mar 2021 11:04

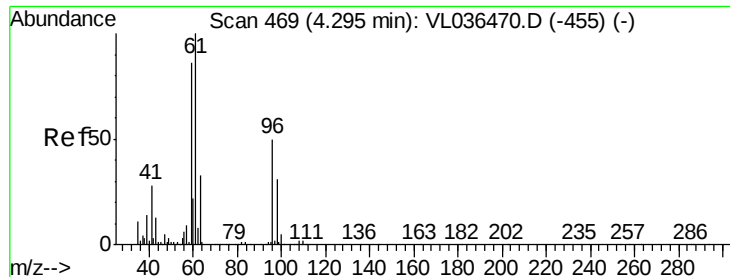
Tgt Ion: 39 Resp: 1027637

Ion Ratio Lower Upper

39 100

54 75.2 58.8 88.2



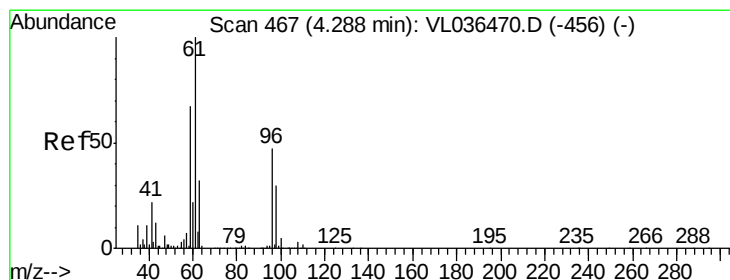
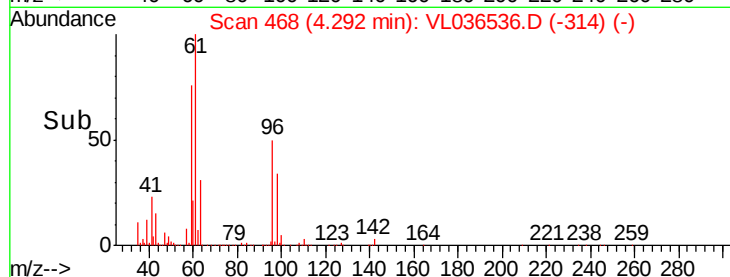
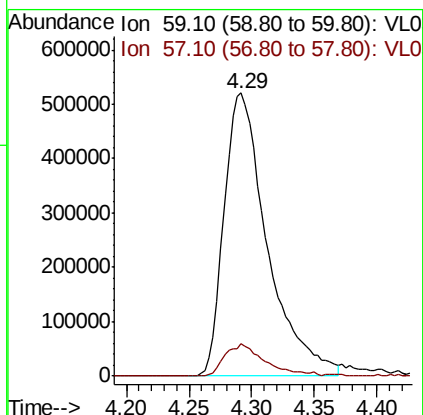
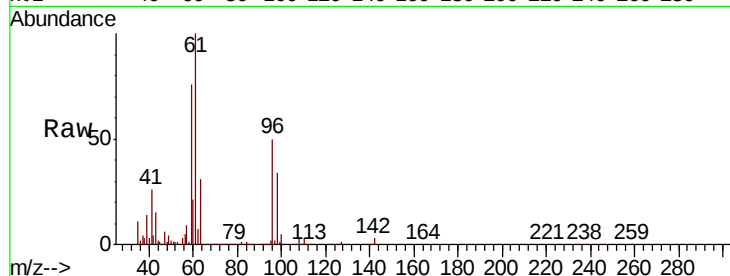


#17

tert-Butyl alcohol
Concen: 8.904 ppbv
RT: 4.29 min Scan# 468
Delta R.T. -0.00 min
Lab File: VL036536.D
Acq: 29 Mar 2021 11:04

Instrument :
MSVOA_L
ClientSampled :

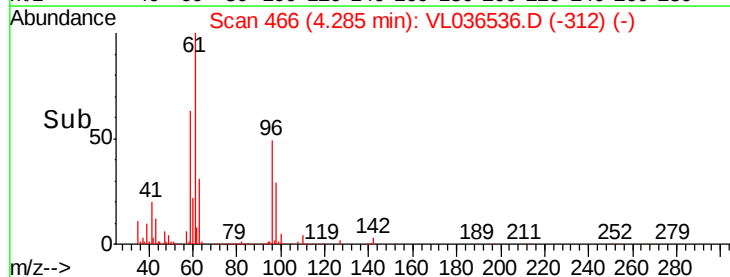
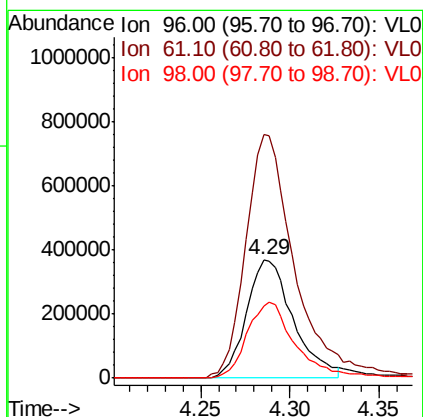
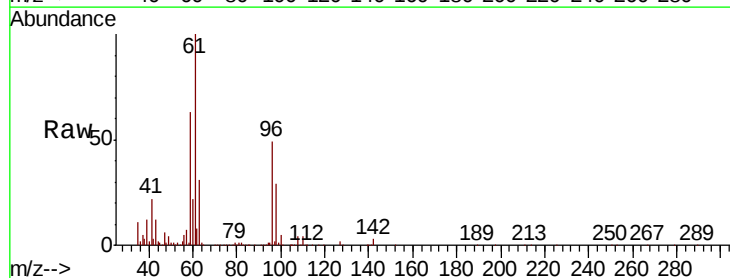
Tot Ion: 59 Resp: 1245998
Ion Ratio Lower Upper
59 100
57 10.9 8.6 12.8

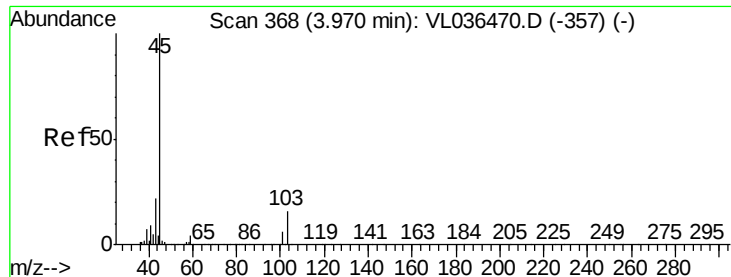


#18

1,1-Dichloroethene
Concen: 8.749 ppbv
RT: 4.29 min Scan# 466
Delta R.T. -0.00 min
Lab File: VL036536.D
Acq: 29 Mar 2021 11:04

Tgt Ion: 96 Resp: 675497
Ion Ratio Lower Upper
96 100
61 205.3 168.6 253.0
98 60.3 50.8 76.2





#19

Isopropyl Alcohol

Concen: 7.774 ppbv

RT: 3.97 min Scan# 367

Delta R.T. -0.00 min

Lab File: VL036536.D

Acq: 29 Mar 2021 11:04

Instrument :

MSVOA_L

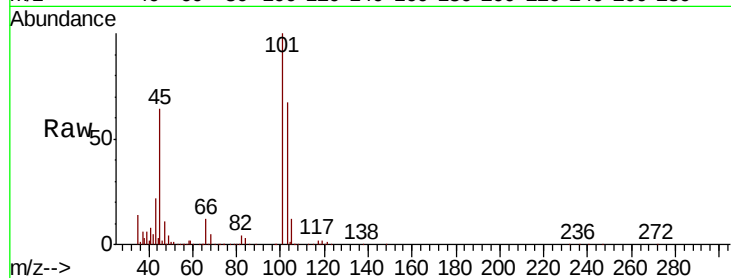
ClientSampleId :

Tot Ion: 45 Resp: 687463

Ion Ratio Lower Upper

45 100

58 2.9 2.9 4.3



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

3.97

300000

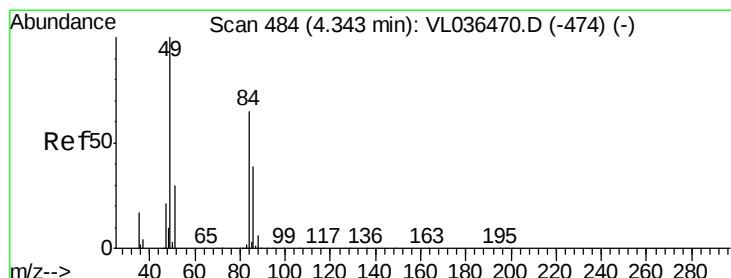
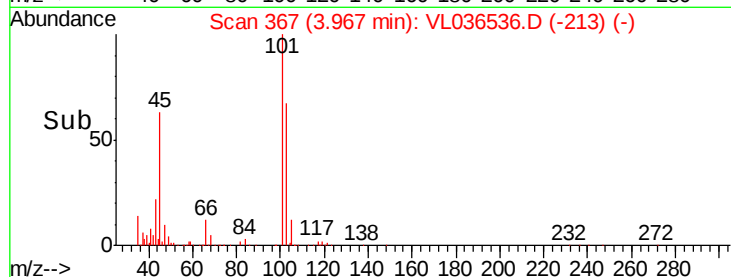
200000

100000

0

Time-->

3.90 3.95 4.00 4.05



#20

Methylene Chloride

Concen: 8.293 ppbv

RT: 4.34 min Scan# 484

Delta R.T. -0.00 min

Lab File: VL036536.D

Acq: 29 Mar 2021 11:04

Tgt Ion: 84 Resp: 624170

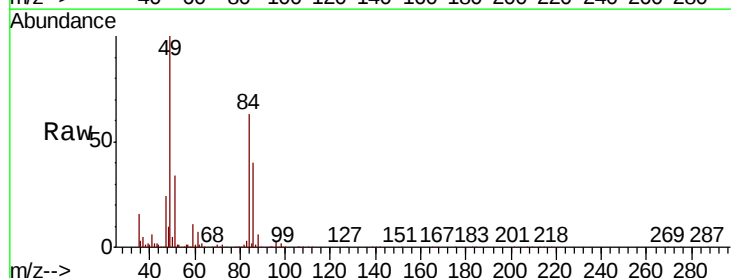
Ion Ratio Lower Upper

84 100

49 155.1 122.9 184.3

51 51.9 36.9 55.3

86 64.1 48.2 72.4



Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0

800000

600000

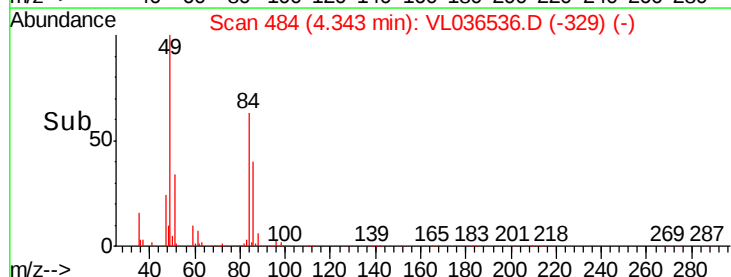
400000

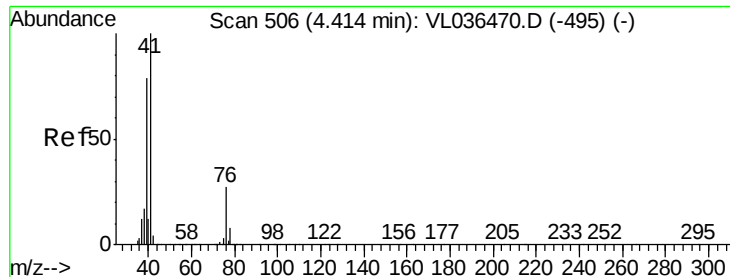
200000

0

Time-->

4.25 4.30 4.35 4.40 4.45

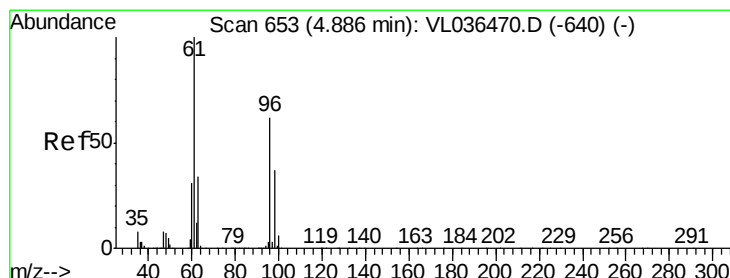
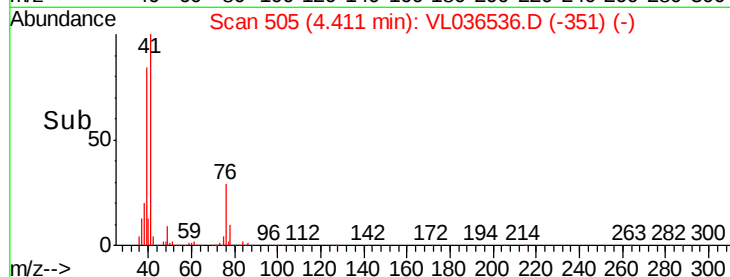
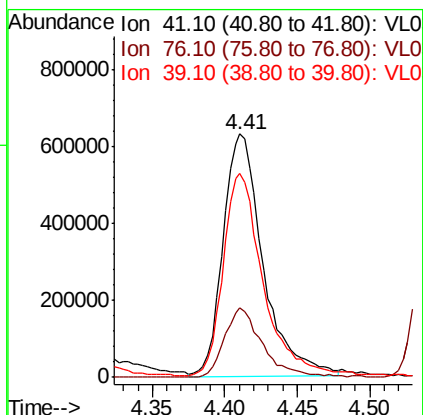
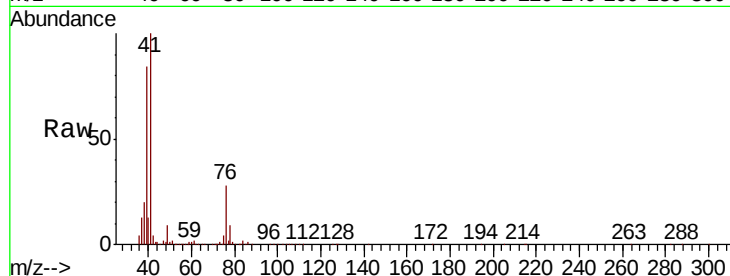




#21
Allvl Chloride
Concen: 9.447 ppbv
RT: 4.41 min Scan# 505
Delta R.T. -0.00 min
Lab File: VL036536.D
Acq: 29 Mar 2021 11:04

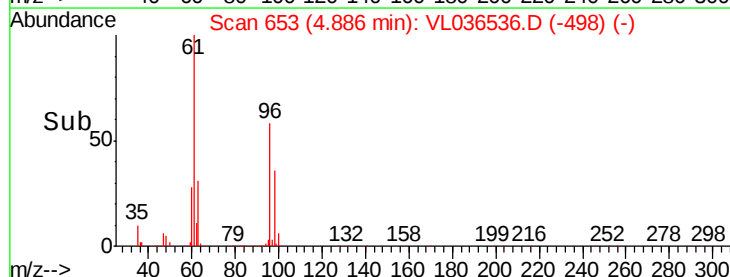
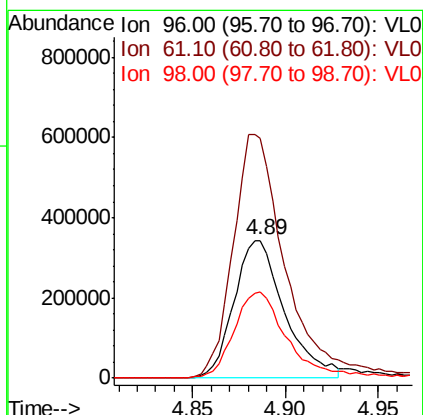
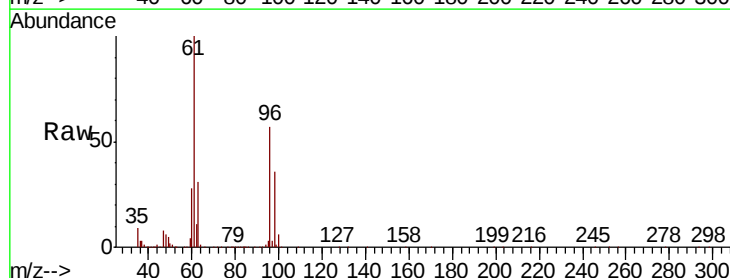
Instrument :
MSVOA_L
ClientSampleId :

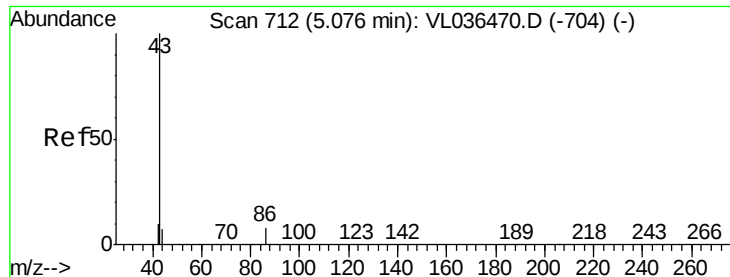
Tot Ion: 41 Resp: 1210654
Ion Ratio Lower Upper
41 100
76 27.7 22.9 34.3
39 84.5 67.3 100.9



#22
trans-1,2-Dichloroethene
Concen: 9.005 ppbv
RT: 4.89 min Scan# 653
Delta R.T. -0.00 min
Lab File: VL036536.D
Acq: 29 Mar 2021 11:04

Tgt Ion: 96 Resp: 644618
Ion Ratio Lower Upper
96 100
61 174.4 129.4 194.0
98 62.3 48.2 72.4



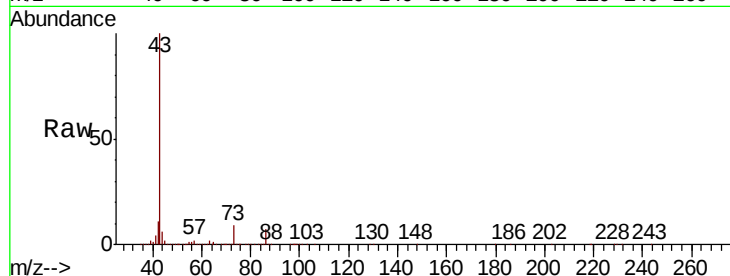


#23
 Vinyl Acetate
 Concen: 9.509 ppbv
 RT: 5.07 min Scan# 711
 Delta R.T. -0.00 min
 Lab File: VL036536.D
 Acq: 29 Mar 2021 11:04

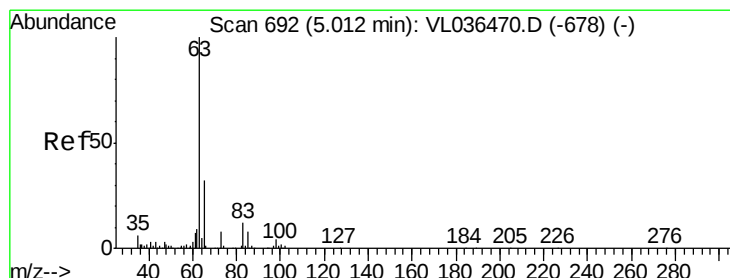
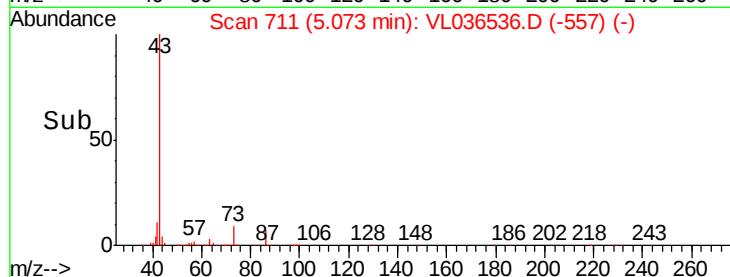
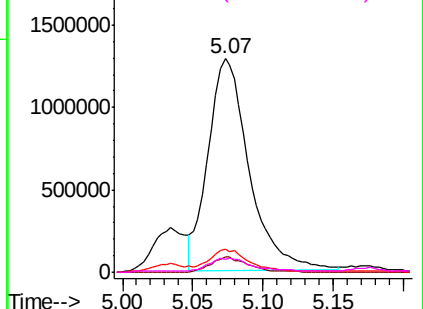
Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion: 43 Resp: 2614753

Ion	Ratio	Lower	Upper
43	100		
86	7.0	5.4	8.0
42	10.7	8.5	12.7
44	5.5	4.6	7.0



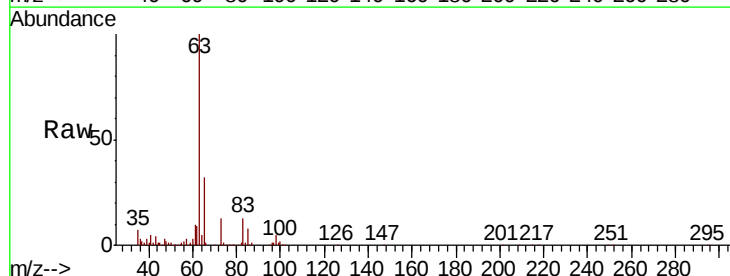
Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 86.10 (85.80 to 86.80): VL0
 Ion 42.10 (41.80 to 42.80): VL0
 Ion 44.10 (43.80 to 44.80): VL0



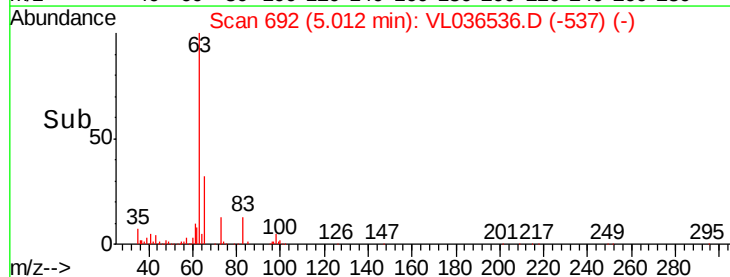
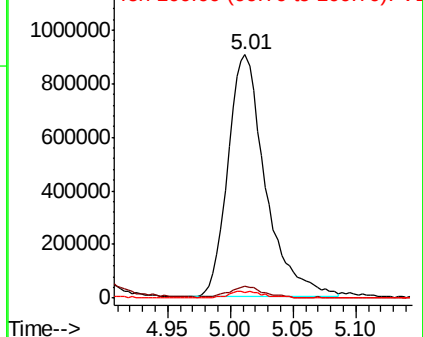
#24
 1,1-Dichloroethane
 Concen: 9.358 ppbv
 RT: 5.01 min Scan# 692
 Delta R.T. -0.00 min
 Lab File: VL036536.D
 Acq: 29 Mar 2021 11:04

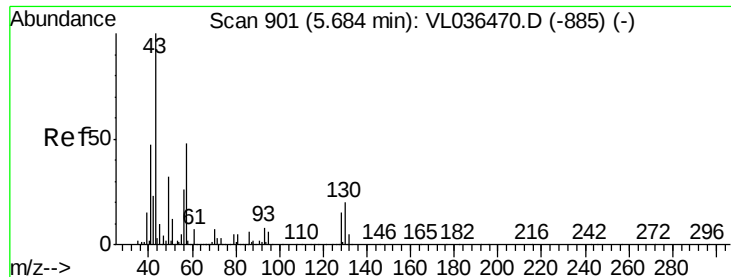
Tgt Ion: 63 Resp: 1875720

Ion	Ratio	Lower	Upper
63	100		
98	4.7	2.1	6.2
100	2.2	0.9	2.8



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



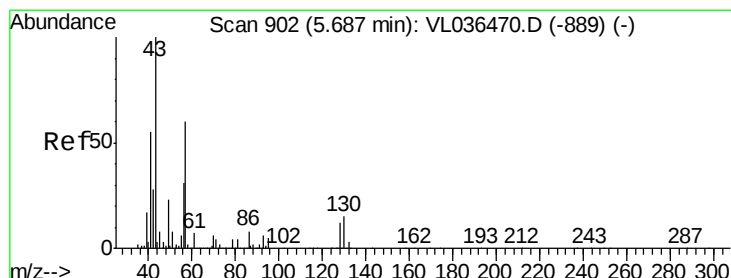
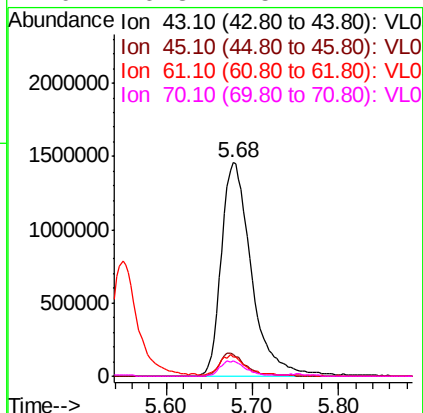
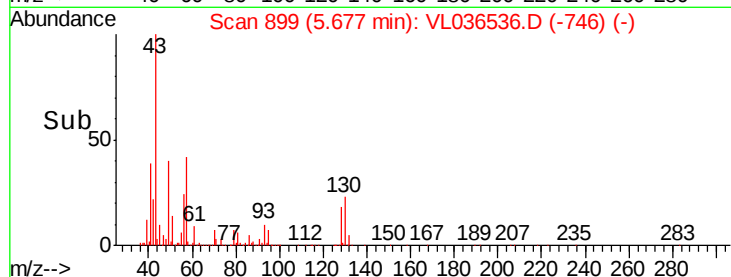
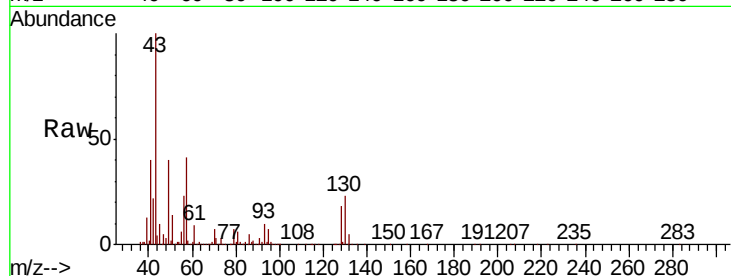


#25
Ethyl Acetate
Concen: 9.254 ppbv
RT: 5.68 min Scan# 899
Delta R.T. -0.01 min
Lab File: VL036536.D
Acq: 29 Mar 2021 11:04

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 43 Resp: 3536978

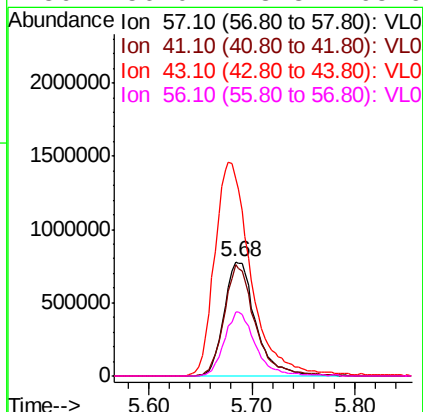
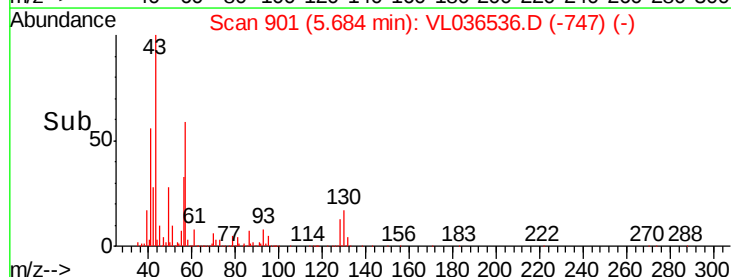
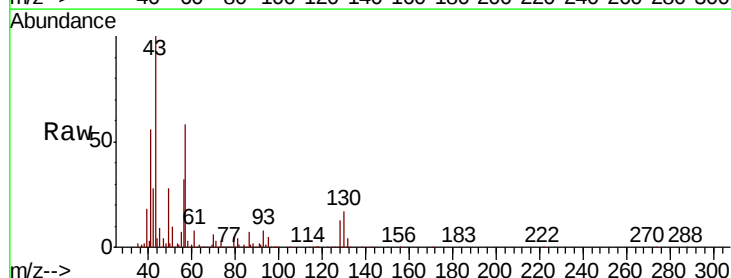
Ion	Ratio	Lower	Upper
43	100		
45	9.6	7.9	11.9
61	9.5	7.4	11.2
70	6.3	5.1	7.7

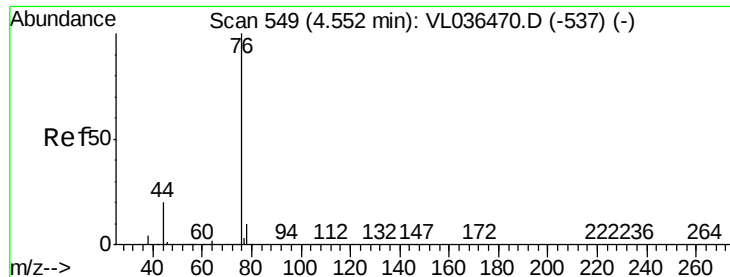


#26
Hexane
Concen: 9.350 ppbv
RT: 5.68 min Scan# 901
Delta R.T. -0.00 min
Lab File: VL036536.D
Acq: 29 Mar 2021 11:04

Tgt Ion: 57 Resp: 1658273

Ion	Ratio	Lower	Upper
57	100		
41	96.3	77.2	115.8
43	214.3	173.8	260.6
56	56.0	43.8	65.6





#27

Carbon Disulfide

Concen: 10.269 ppbv

RT: 4.55 min Scan# 548

Delta R.T. -0.00 min

Lab File: VL036536.D

Acq: 29 Mar 2021 11:04

Instrument :

MSVOA_L

ClientSampled :

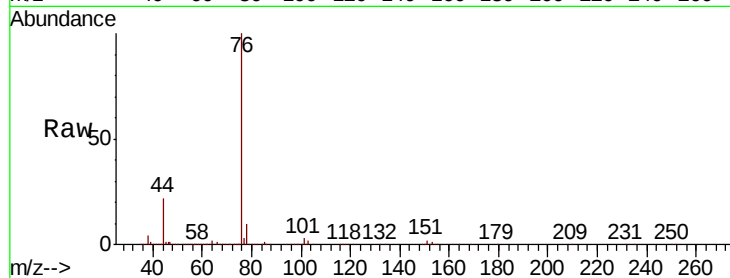
Tot Ion: 76 Resp: 1794265

Ion Ratio Lower Upper

76 100

44 22.4 17.5 26.3

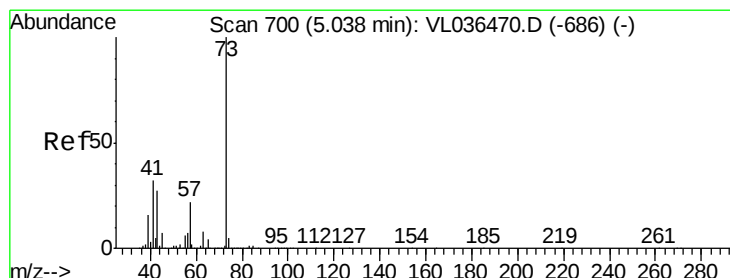
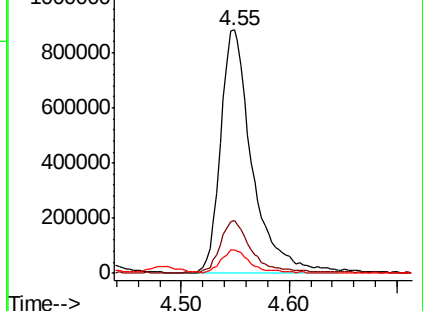
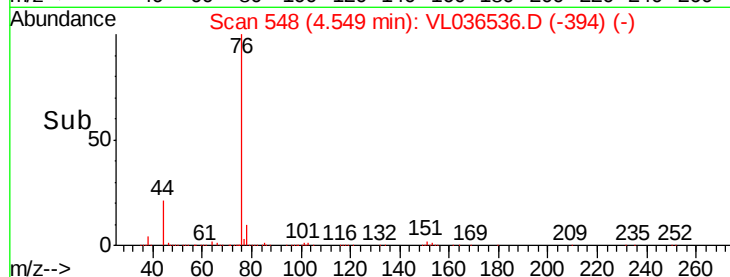
78 9.9 8.6 13.0



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: 9.209 ppbv

RT: 5.03 min Scan# 699

Delta R.T. -0.00 min

Lab File: VL036536.D

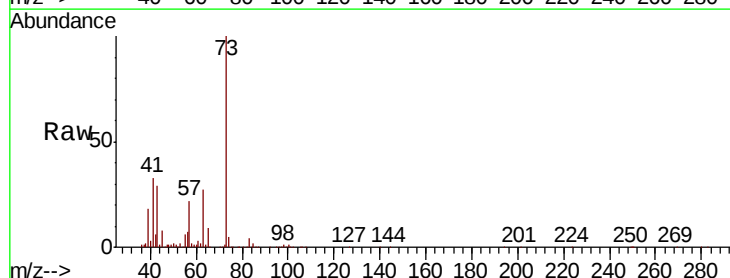
Acq: 29 Mar 2021 11:04

Tgt Ion: 73 Resp: 1926131

Ion Ratio Lower Upper

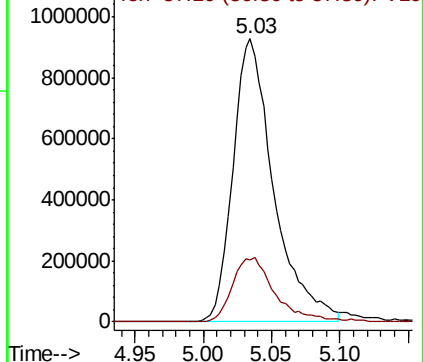
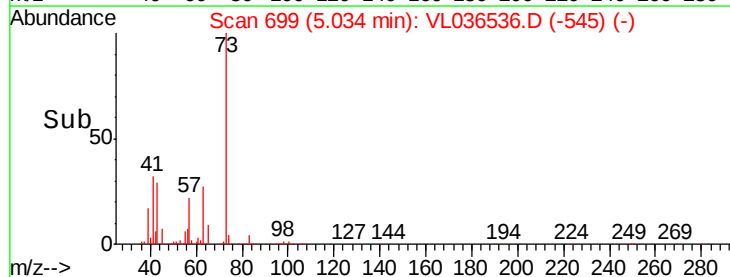
73 100

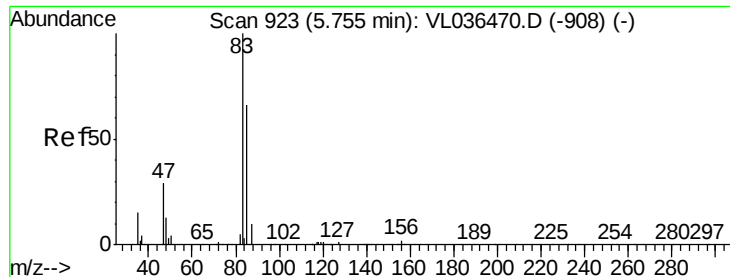
57 24.1 18.5 27.7



Abundance Ion 73.10 (72.80 to 73.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

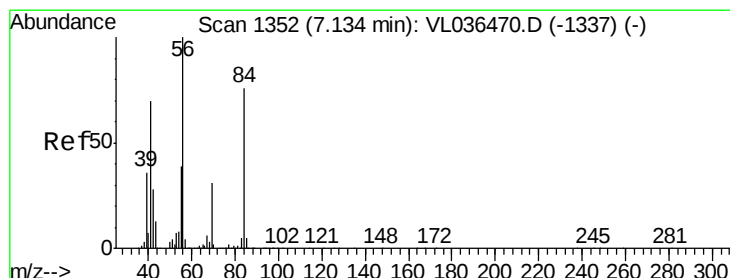
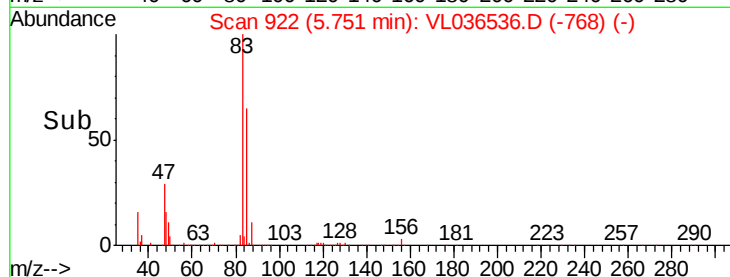
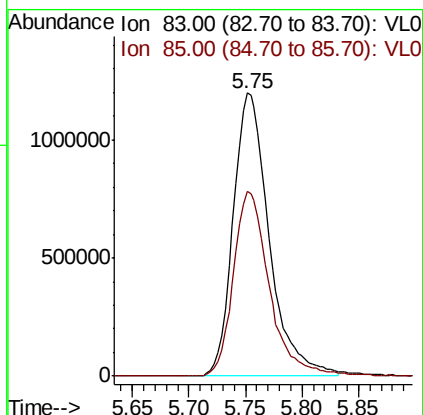
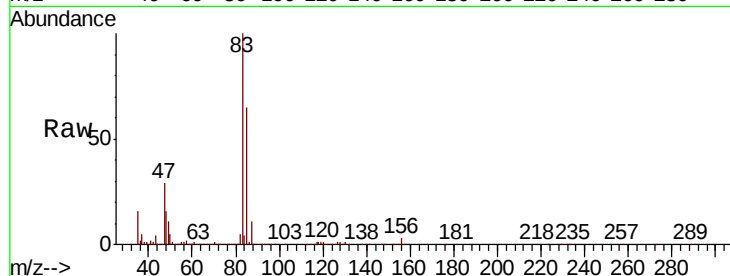




#29
Chloroform
Concen: 9.349 ppbv
RT: 5.75 min Scan# 922
Delta R.T. -0.00 min
Lab File: VL036536.D
Acq: 29 Mar 2021 11:04

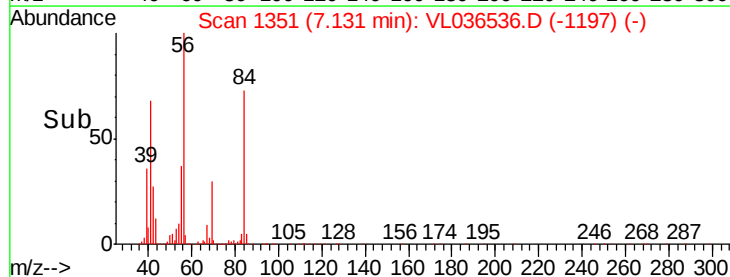
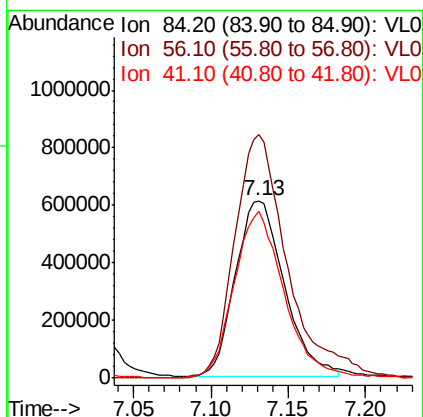
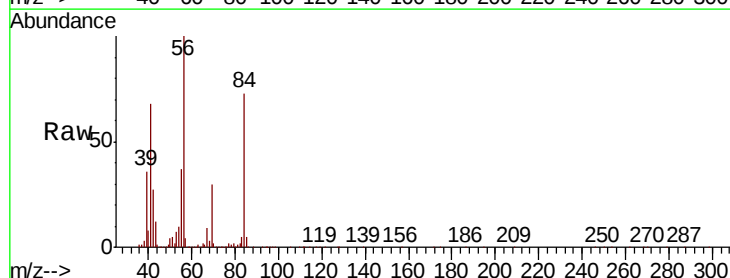
Instrument :
MSVOA_L
ClientSampleId :

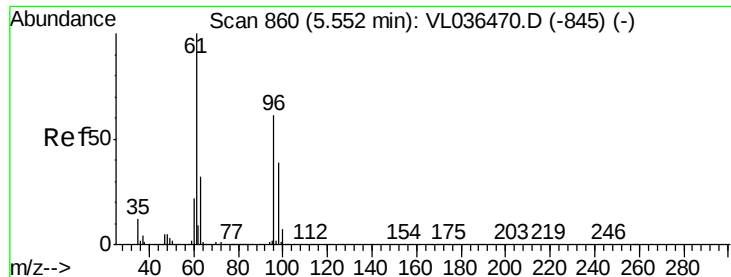
Tot Ion: 83 Resp: 2651739
Ion Ratio Lower Upper
83 100
85 65.1 52.6 78.8



#30
Cyclohexane
Concen: 9.359 ppbv
RT: 7.13 min Scan# 1351
Delta R.T. -0.00 min
Lab File: VL036536.D
Acq: 29 Mar 2021 11:04

Tgt Ion: 84 Resp: 1346247
Ion Ratio Lower Upper
84 100
56 150.2 114.6 171.8
41 96.7 75.3 112.9

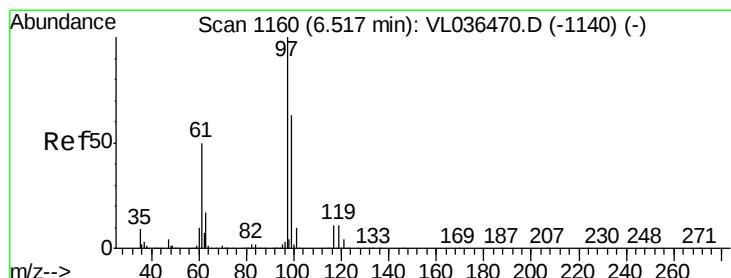
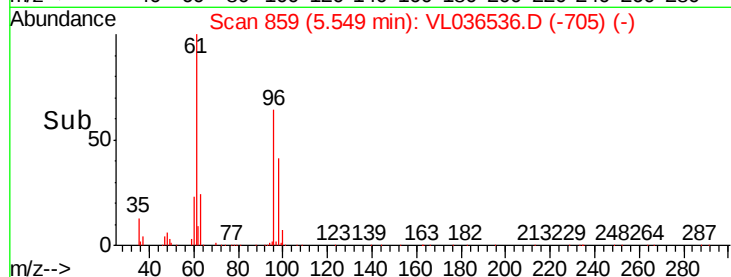
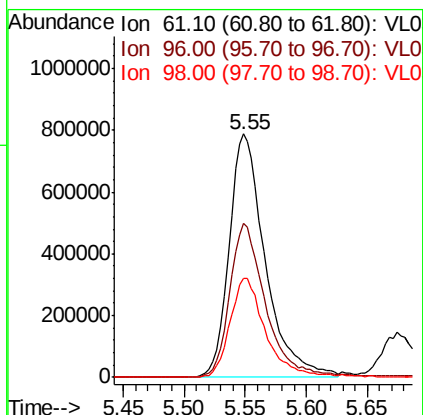
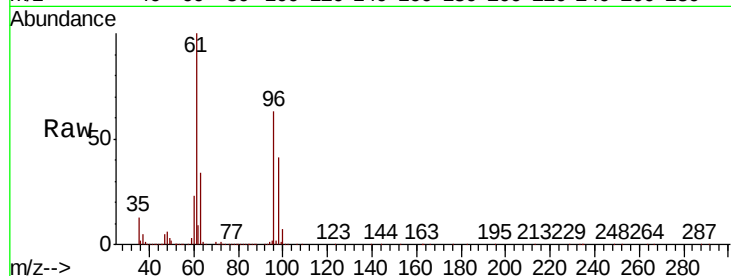




#31
 cis-1,2-Dichloroethene
 Concen: 9.413 ppbv
 RT: 5.55 min Scan# 859
 Delta R.T. -0.00 min
 Lab File: VL036536.D
 Acq: 29 Mar 2021 11:04

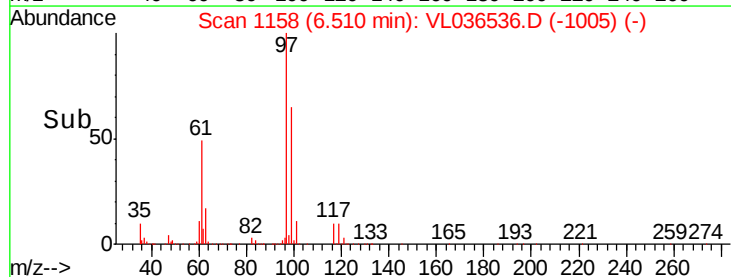
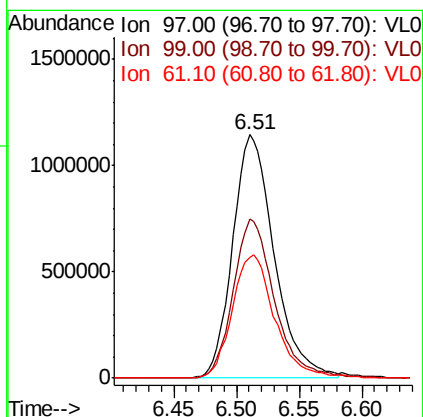
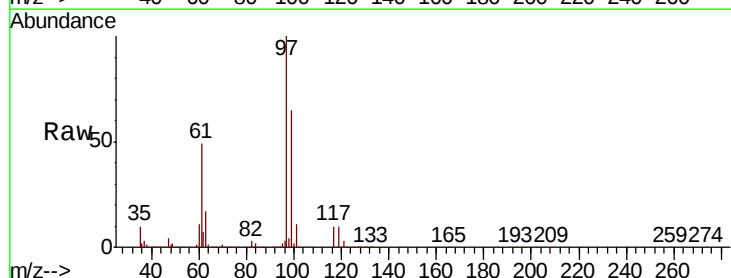
Instrument :
 MSVOA_L
 ClientSampled :

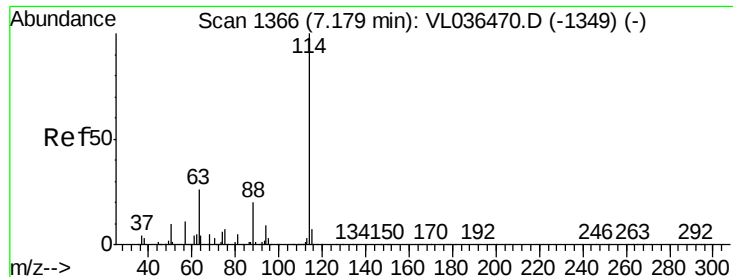
Tot Ion: 61 Resp: 1614802
 Ion Ratio Lower Upper
 61 100
 96 63.4 48.7 73.1
 98 40.7 31.4 47.0



#32
 1,1,1-Trichloroethane
 Concen: 9.206 ppbv
 RT: 6.51 min Scan# 1158
 Delta R.T. -0.01 min
 Lab File: VL036536.D
 Acq: 29 Mar 2021 11:04

Tgt Ion: 97 Resp: 2631641
 Ion Ratio Lower Upper
 97 100
 99 65.2 51.4 77.0
 61 52.2 40.6 60.8

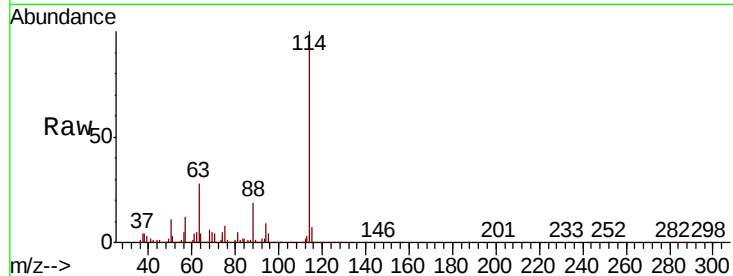




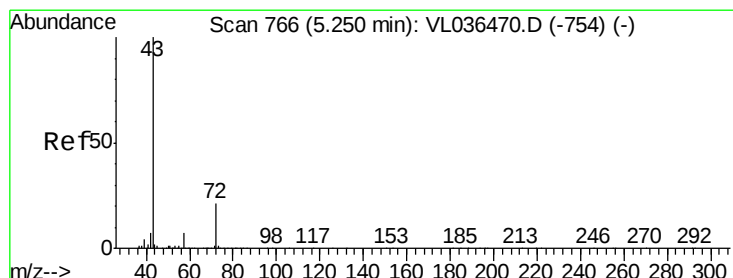
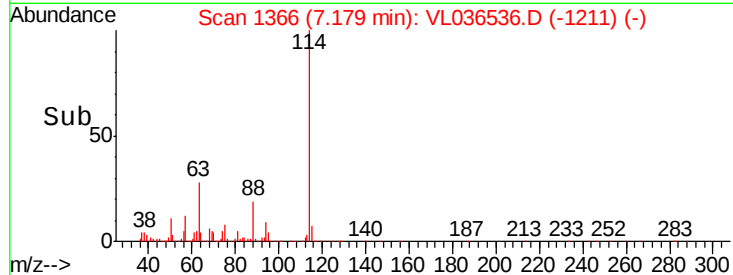
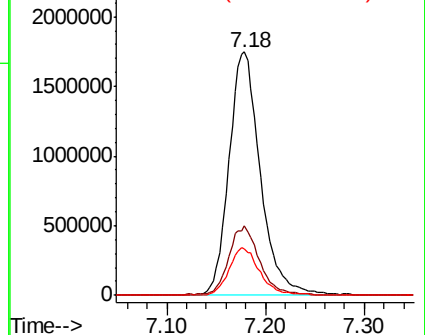
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1366
 Delta R.T. -0.00 min
 Lab File: VL036536.D
 Acq: 29 Mar 2021 11:04

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion:114 Resp: 3885691
 Ion Ratio Lower Upper
 114 100
 63 28.5 22.4 33.6
 88 19.2 15.4 23.0

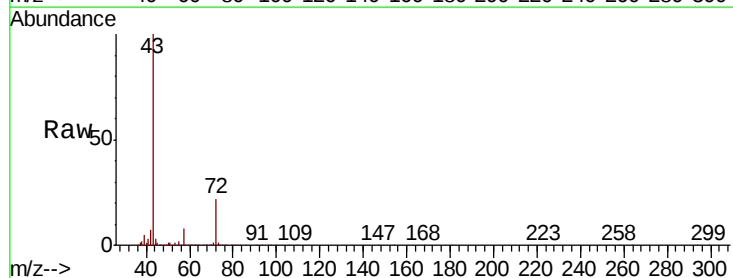


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

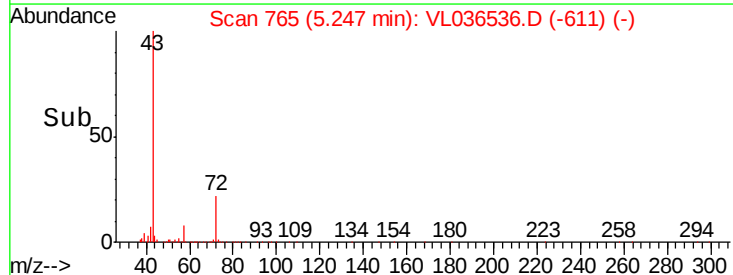
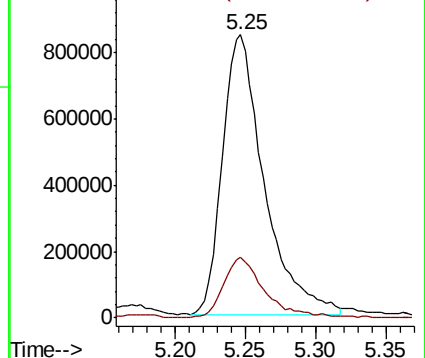


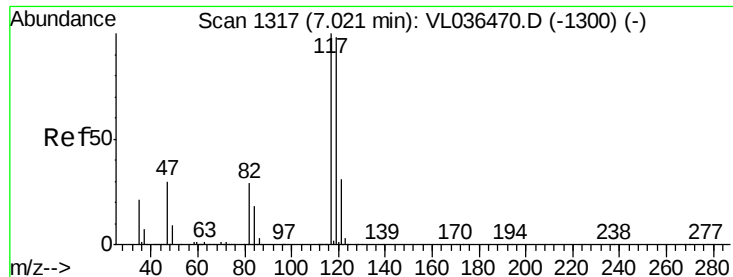
#34
 2-Butanone
 Concen: 9.192 ppbv
 RT: 5.25 min Scan# 765
 Delta R.T. -0.00 min
 Lab File: VL036536.D
 Acq: 29 Mar 2021 11:04

Tgt Ion: 43 Resp: 1743404
 Ion Ratio Lower Upper
 43 100
 72 21.5 17.0 25.6



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





#35

Carbon Tetrachloride

Concen: 9.304 ppbv

RT: 7.02 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VL036536.D

Acq: 29 Mar 2021 11:04

Instrument :

MSVOA_L

ClientSampleId :

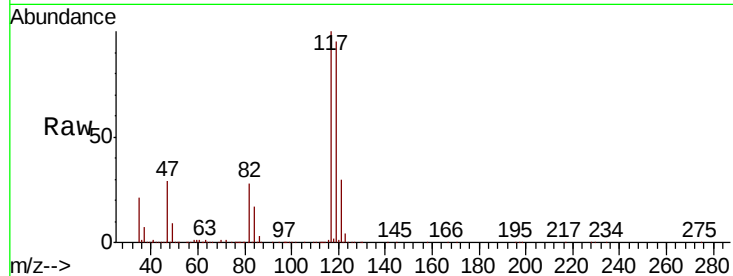
Tot Ion:117 Resp: 2776878

Ion Ratio Lower Upper

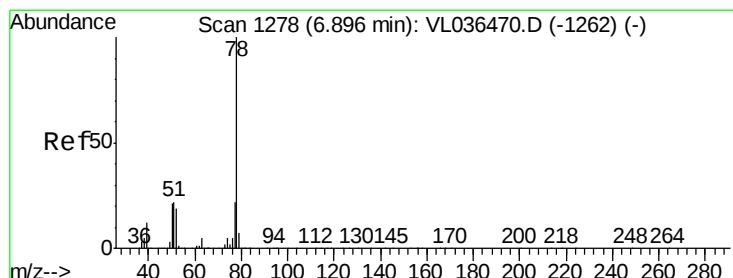
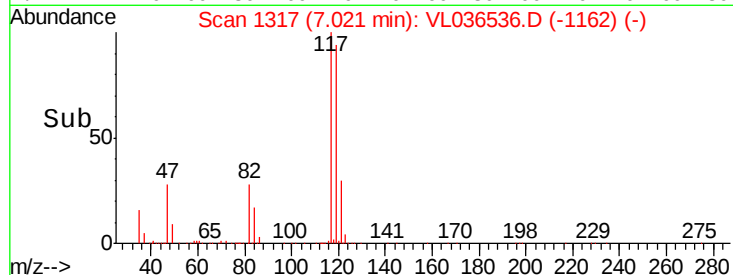
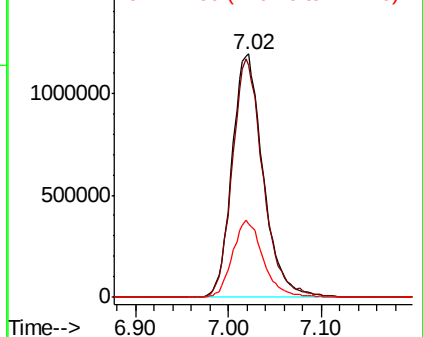
117 100

119 95.2 78.2 117.2

121 30.3 24.5 36.7



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: 9.433 ppbv

RT: 6.89 min Scan# 1277

Delta R.T. -0.00 min

Lab File: VL036536.D

Acq: 29 Mar 2021 11:04

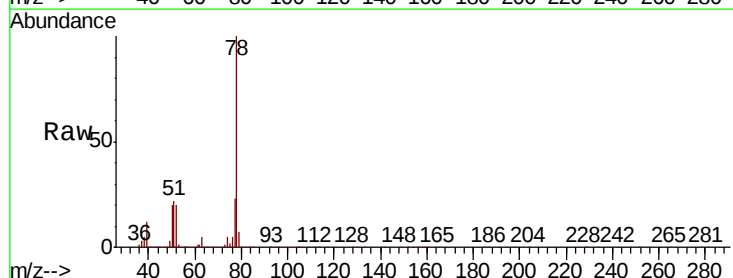
Tgt Ion: 78 Resp: 3380361

Ion Ratio Lower Upper

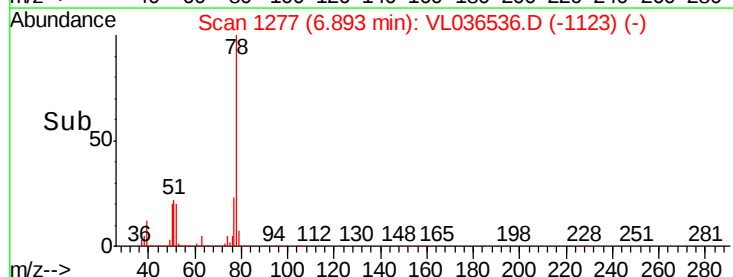
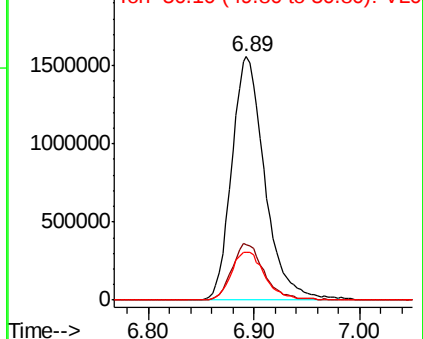
78 100

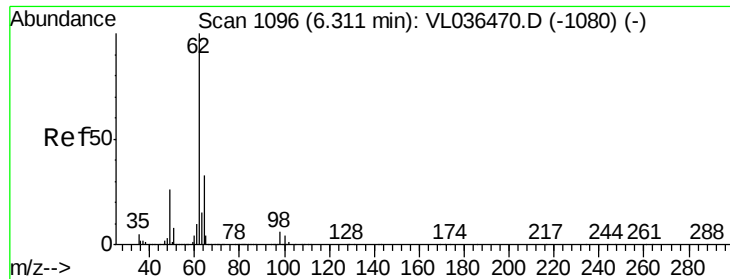
77 23.0 18.0 27.0

50 19.8 16.5 24.7



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

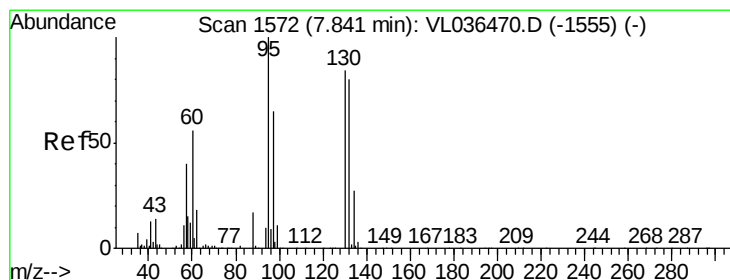
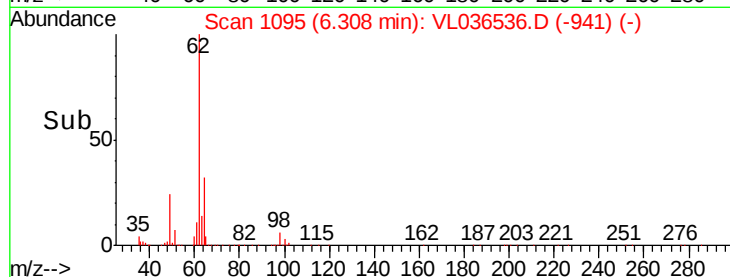
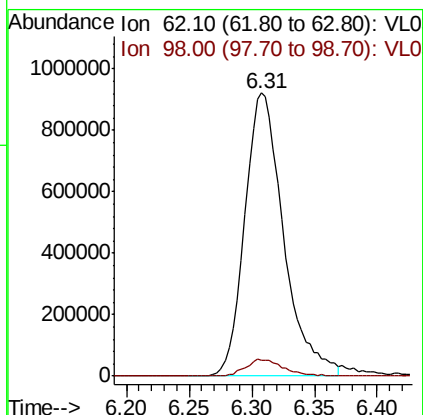
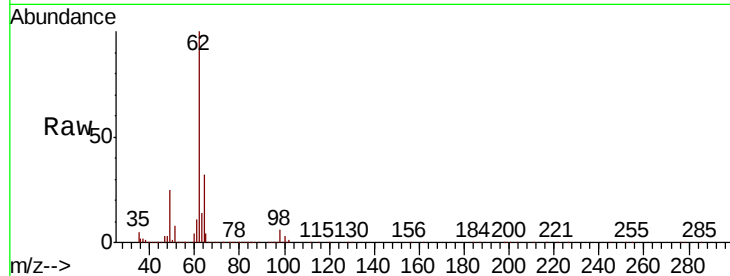




#37
 1,2-Dichloroethane
 Concen: 9.423 ppbv
 RT: 6.31 min Scan# 1095
 Delta R.T. -0.00 min
 Lab File: VL036536.D
 Acq: 29 Mar 2021 11:04

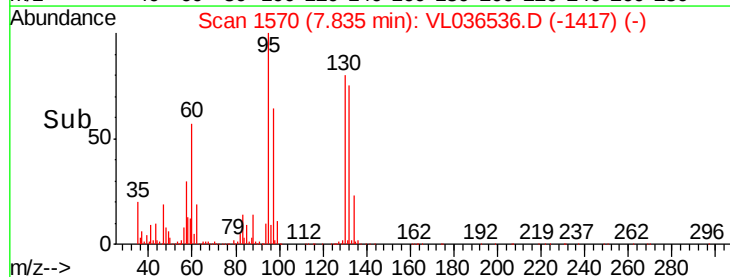
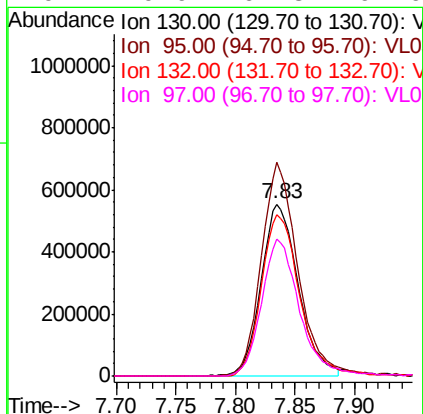
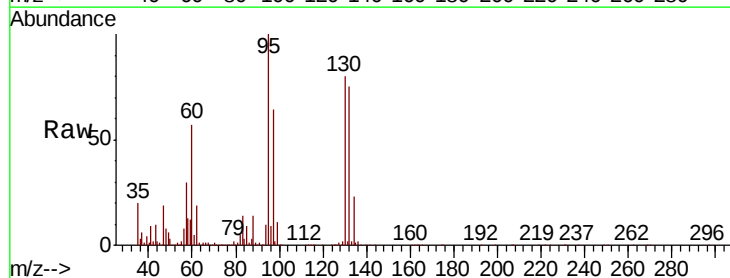
Instrument :
 MSVOA_L
 ClientSampled :

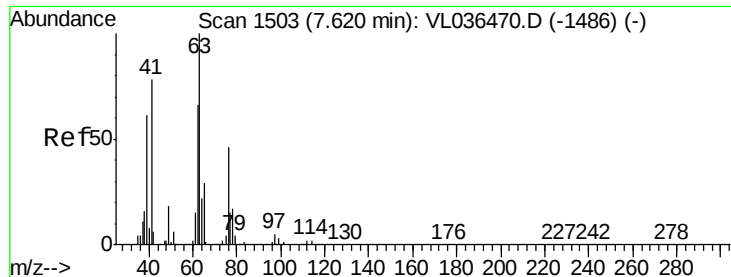
Tot Ion: 62 Resp: 1987566
 Ion Ratio Lower Upper
 62 100
 98 6.1 4.9 7.3



#38
 Trichloroethene
 Concen: 8.620 ppbv
 RT: 7.83 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: VL036536.D
 Acq: 29 Mar 2021 11:04

Tgt Ion: 130 Resp: 1202145
 Ion Ratio Lower Upper
 130 100
 95 124.4 95.7 143.5
 132 93.9 76.2 114.4
 97 79.9 61.8 92.6



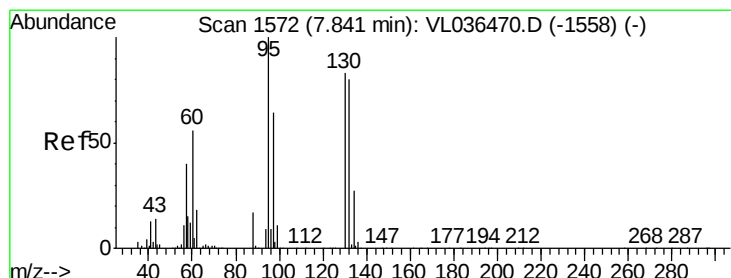
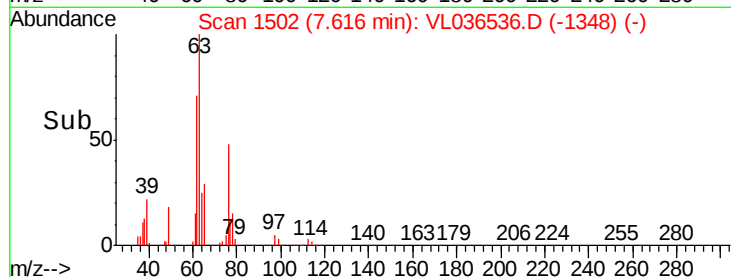
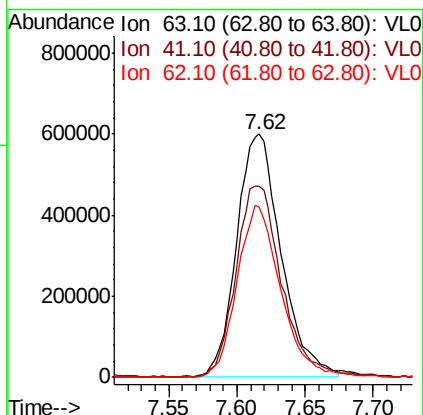
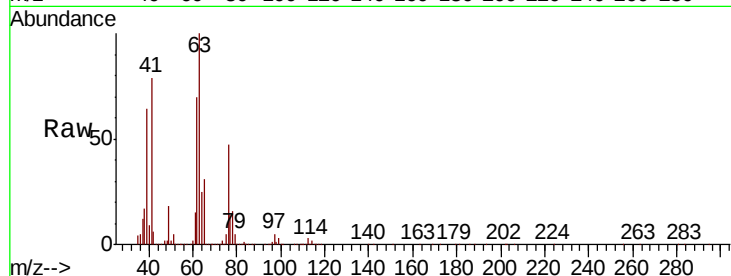


#39
 1,2-Dichloropropane
 Concen: 9.322 ppbv
 RT: 7.62 min Scan# 1502
 Delta R.T. -0.00 min
 Lab File: VL036536.D
 Acq: 29 Mar 2021 11:04

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion: 63 Resp: 1355192

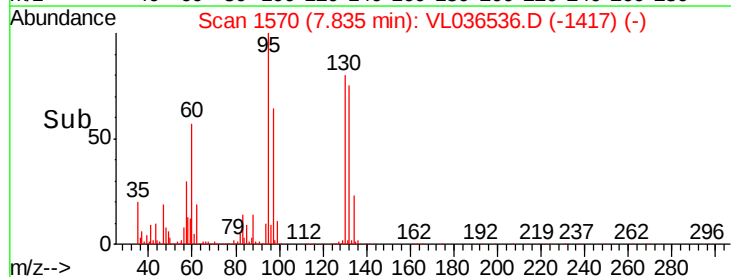
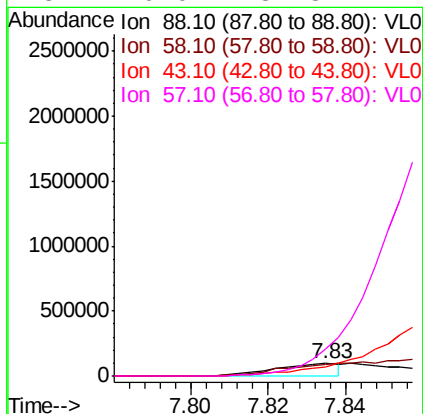
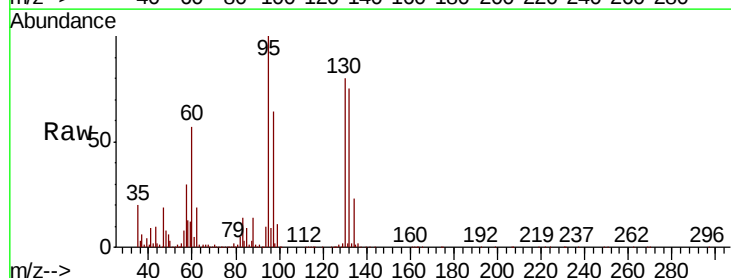
Ion	Ratio	Lower	Upper
63	100		
41	78.3	62.4	93.6
62	70.4	52.8	79.2

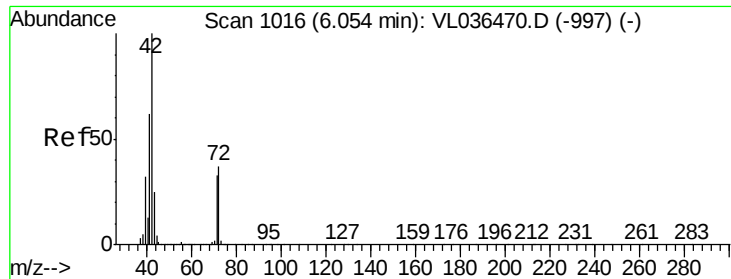


#40
 1,4-Dioxane
 Concen: 3.195 ppbv
 RT: 7.83 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: VL036536.D
 Acq: 29 Mar 2021 11:04

Tgt Ion: 88 Resp: 108088

Ion	Ratio	Lower	Upper
88	100		
58	0.0	134.1	201.1#
43	0.0	346.6	520.0#
57	0.0	1481.8	2222.8#

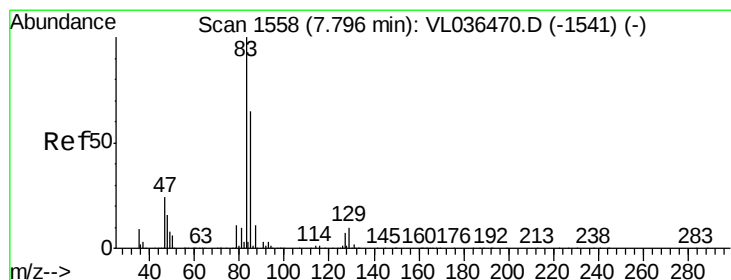
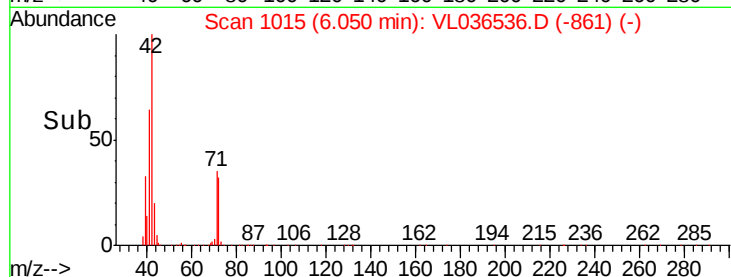
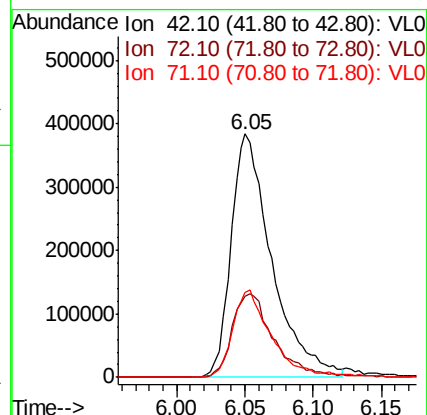
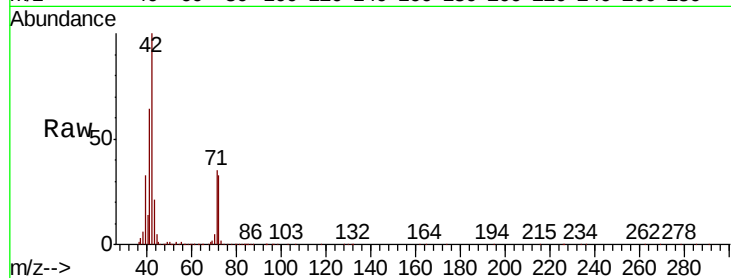




#41
Tetrahydrofuran
Concen: 9.091 ppbv
RT: 6.05 min Scan# 1015
Delta R.T. -0.00 min
Lab File: VL036536.D
Acq: 29 Mar 2021 11:04

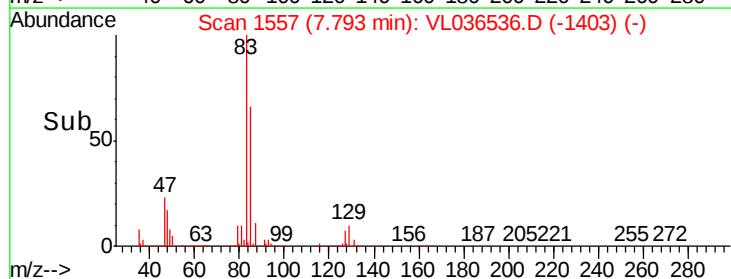
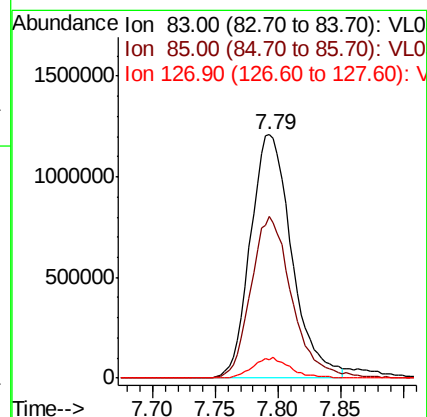
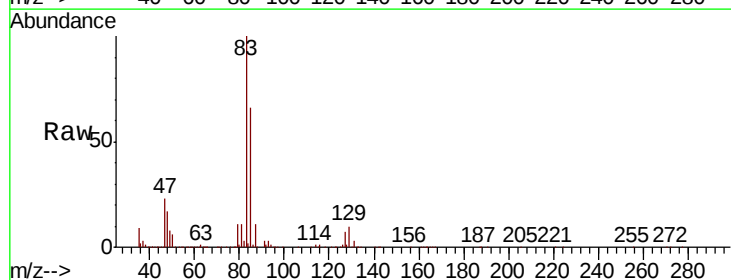
Instrument :
MSVOA_L
ClientSampled :

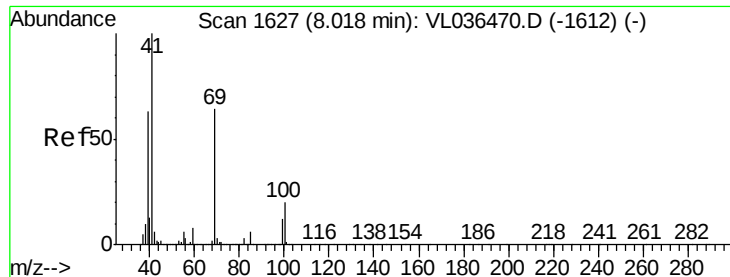
Tot Ion: 42 Resp: 795048
Ion Ratio Lower Upper
42 100
72 35.9 27.6 41.4
71 35.0 27.0 40.4



#42
Bromodichloromethane
Concen: 9.668 ppbv
RT: 7.79 min Scan# 1557
Delta R.T. -0.00 min
Lab File: VL036536.D
Acq: 29 Mar 2021 11:04

Tgt Ion: 83 Resp: 2773750
Ion Ratio Lower Upper
83 100
85 66.2 51.8 77.6
127 7.5 5.8 8.8

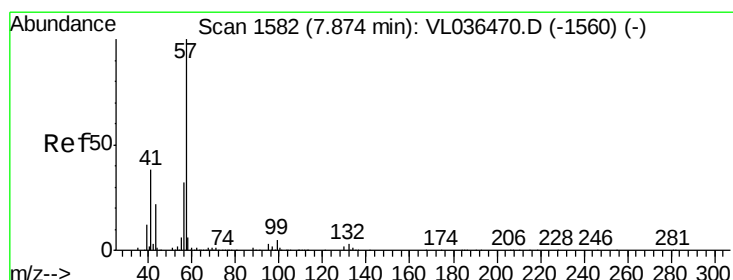
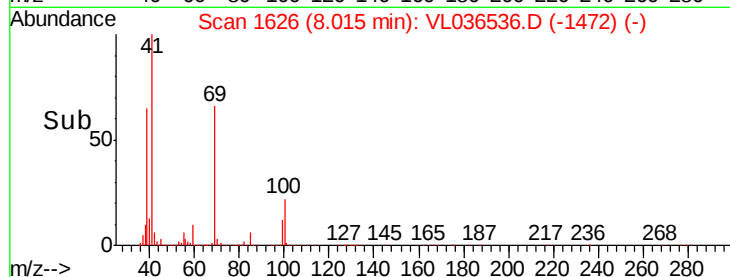
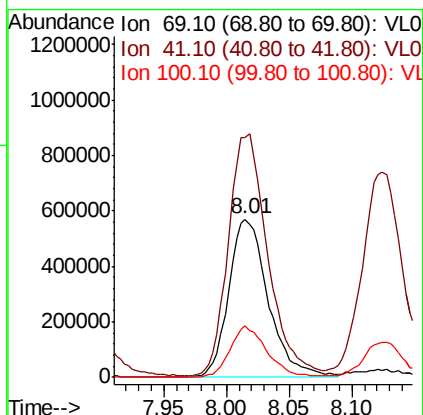
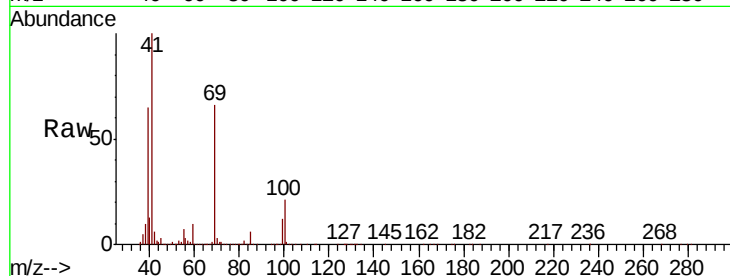




#43
Methvl Methacrilate
Concen: 10.344 ppbv
RT: 8.01 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VL036536.D
Acq: 29 Mar 2021 11:04

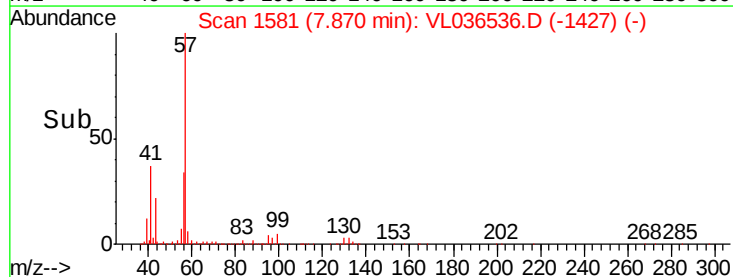
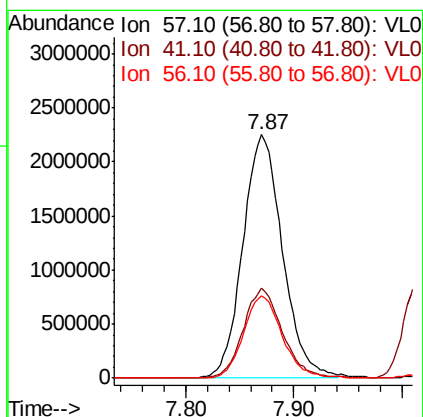
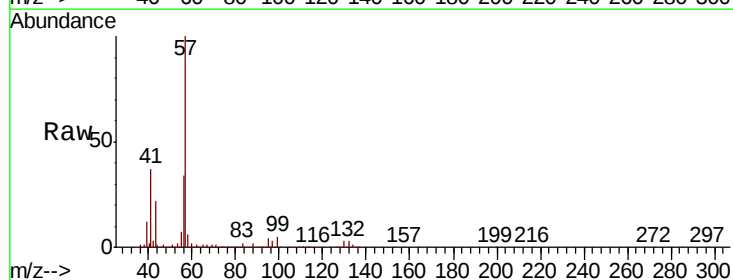
Instrument :
MSVOA_L
ClientSampled :

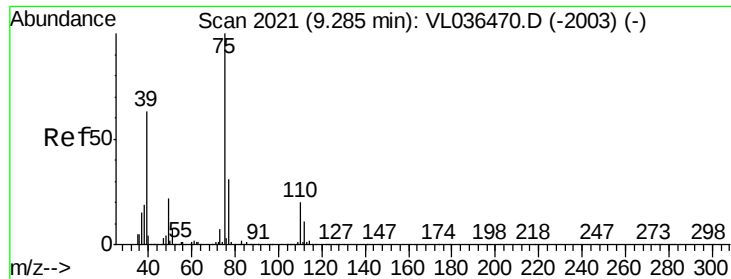
Tot Ion: 69 Resp: 1244740
Ion Ratio Lower Upper
69 100
41 154.2 126.8 190.2
100 30.7 24.9 37.3



#44
2,2,4-Trimethylpentane
Concen: 9.126 ppbv
RT: 7.87 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VL036536.D
Acq: 29 Mar 2021 11:04

Tgt Ion: 57 Resp: 5755641
Ion Ratio Lower Upper
57 100
41 36.2 28.8 43.2
56 33.1 26.1 39.1

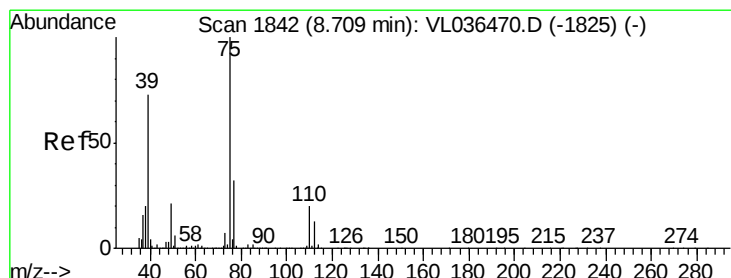
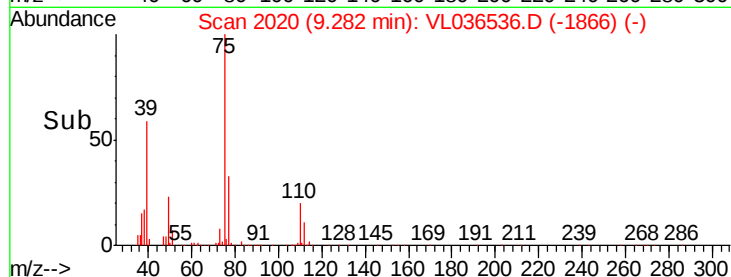
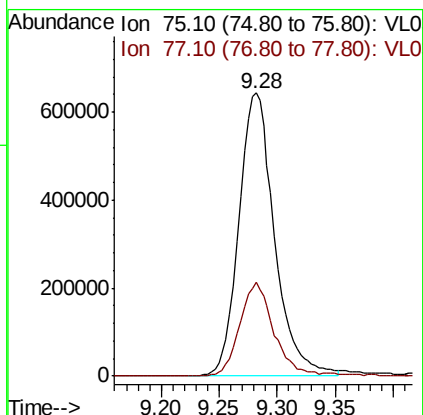
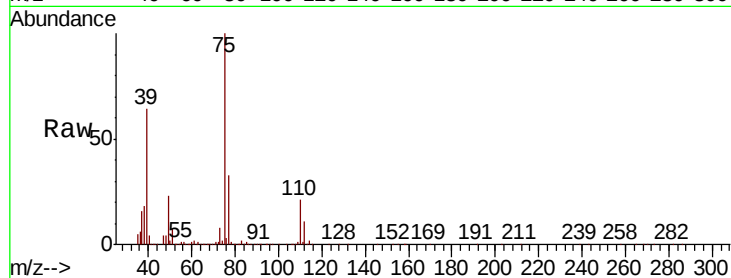




#45
t-1,3-Dichloropropene
Concen: 9.993 ppbv
RT: 9.28 min Scan# 2020
Delta R.T. -0.00 min
Lab File: VL036536.D
Acq: 29 Mar 2021 11:04

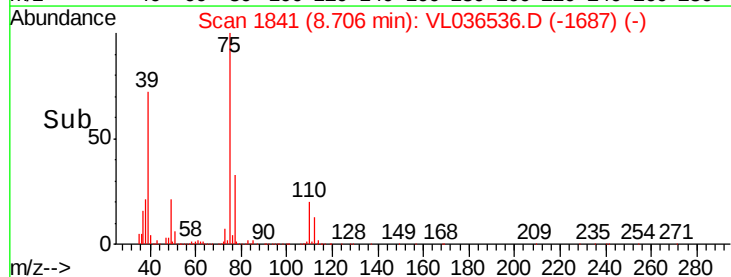
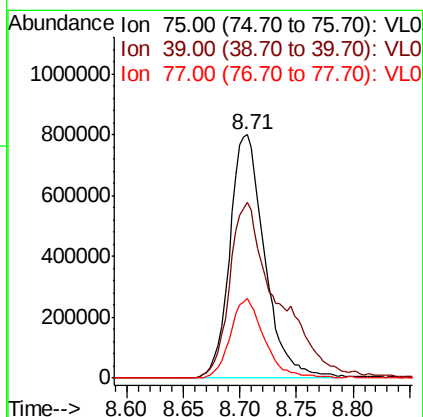
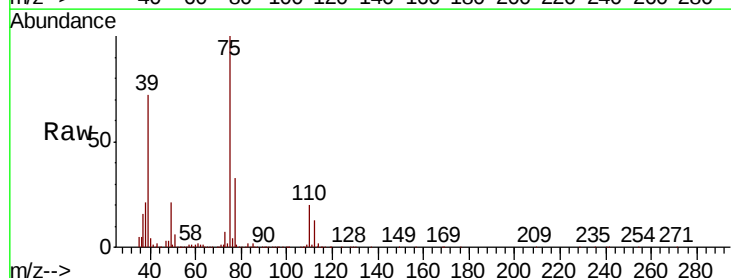
Instrument :
MSVOA_L
ClientSampleId :

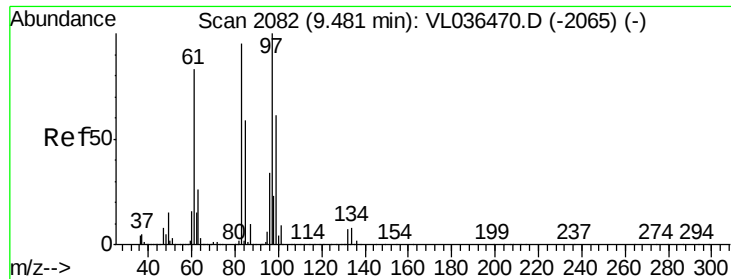
Tot Ion: 75 Resp: 1373189
Ion Ratio Lower Upper
75 100
77 33.3 25.1 37.7



#46
cis-1,3-Dichloropropene
Concen: 9.761 ppbv
RT: 8.71 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VL036536.D
Acq: 29 Mar 2021 11:04

Tgt Ion: 75 Resp: 1714542
Ion Ratio Lower Upper
75 100
39 72.2 58.2 87.2
77 32.5 25.2 37.8



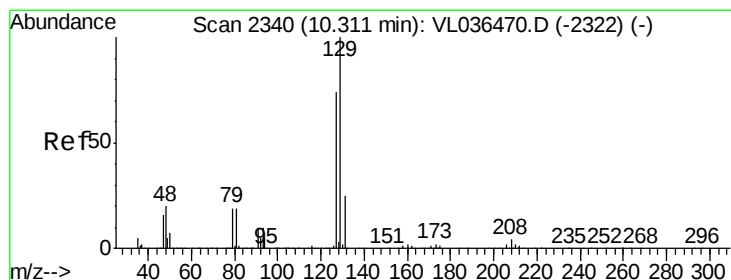
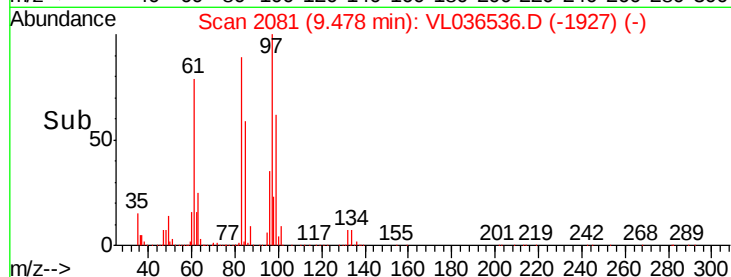
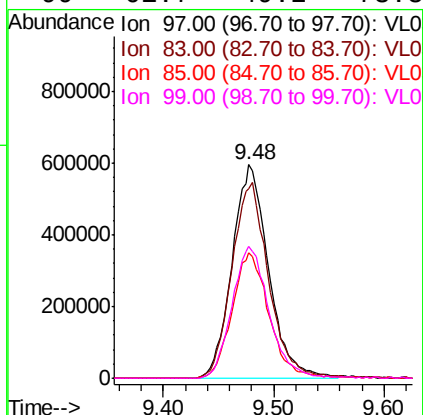
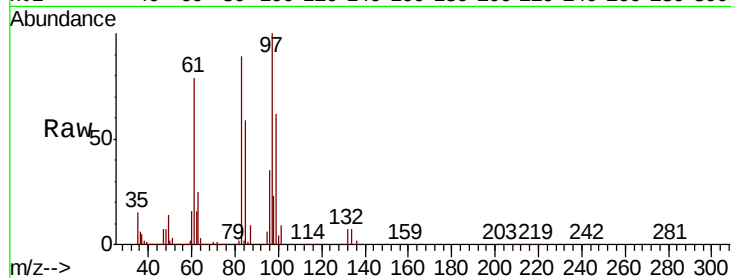


#47
 1,1,2-Trichloroethane
 Concen: 9.248 ppbv
 RT: 9.48 min Scan# 2081
 Delta R.T. -0.00 min
 Lab File: VL036536.D
 Acq: 29 Mar 2021 11:04

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion: 97 Resp: 1361779

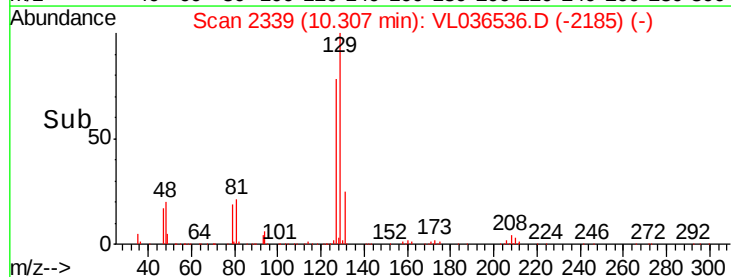
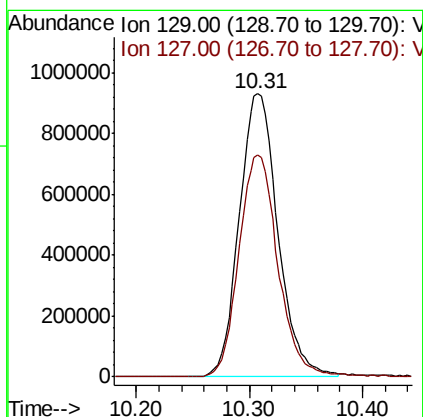
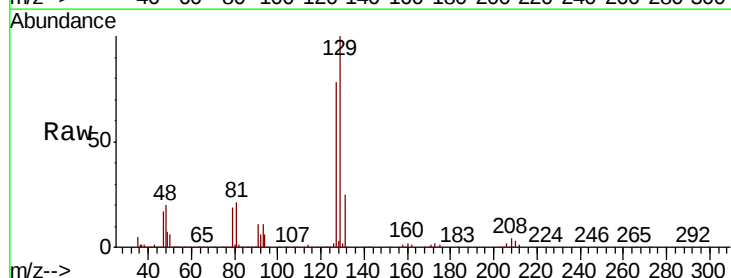
Ion	Ratio	Lower	Upper
97	100		
83	88.5	75.8	113.8
85	58.6	47.1	70.7
99	61.7	49.2	73.8

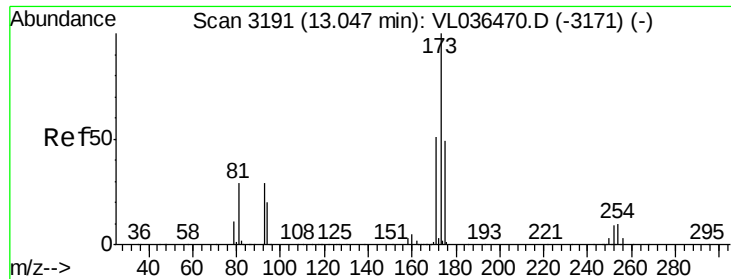


#48
 Dibromochloromethane
 Concen: 9.863 ppbv
 RT: 10.31 min Scan# 2339
 Delta R.T. -0.00 min
 Lab File: VL036536.D
 Acq: 29 Mar 2021 11:04

Tgt Ion: 129 Resp: 2213739

Ion	Ratio	Lower	Upper
129	100		
127	79.5	39.6	118.8

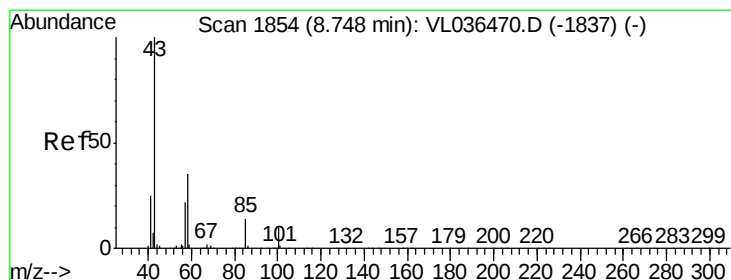
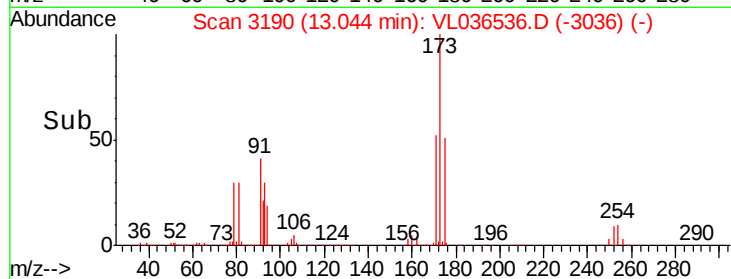
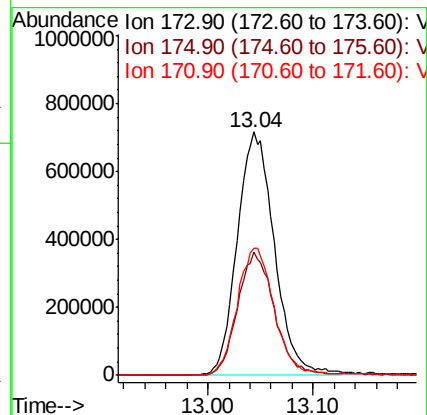
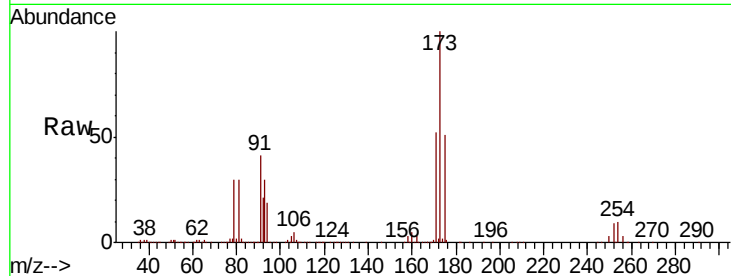




#49
Bromoform
Concen: 9.718 ppbv
RT: 13.04 min Scan# 3190
Delta R.T. -0.00 min
Lab File: VL036536.D
Acq: 29 Mar 2021 11:04

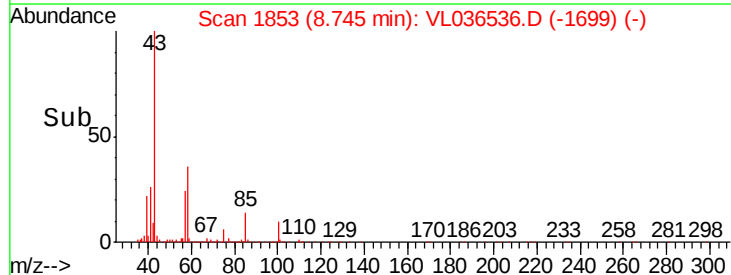
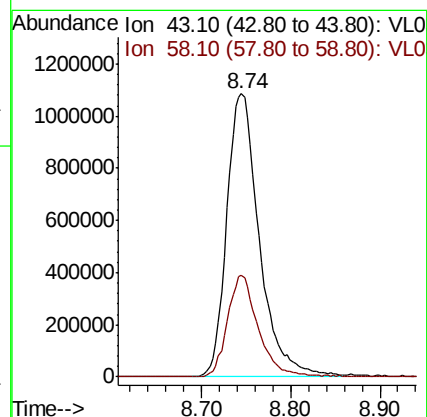
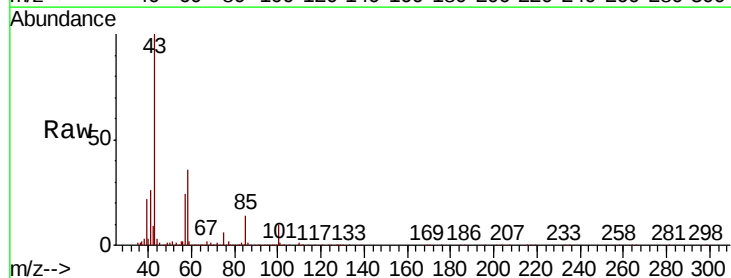
Instrument :
MSVOA_L
ClientSampleId :

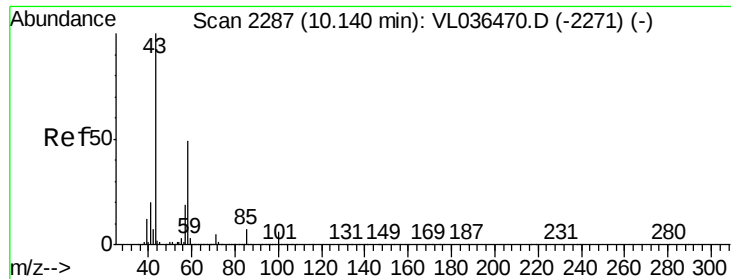
Tot Ion:173 Resp: 1757590
Ion Ratio Lower Upper
173 100
175 50.8 39.6 59.4
171 53.2 41.4 62.0



#50
4-Methyl-2-Pentanone
Concen: 10.000 ppbv
RT: 8.74 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VL036536.D
Acq: 29 Mar 2021 11:04

Tgt Ion: 43 Resp: 2744538
Ion Ratio Lower Upper
43 100
58 34.3 28.2 42.2

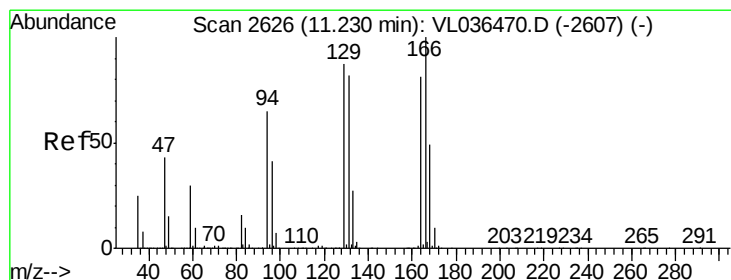
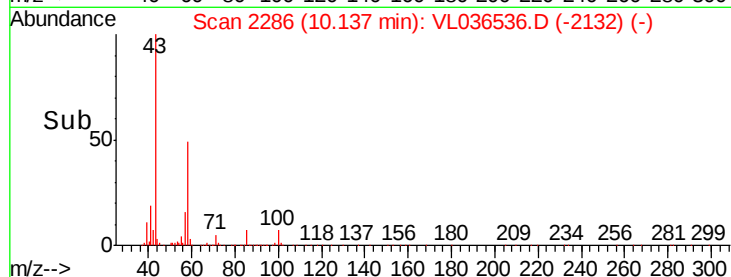
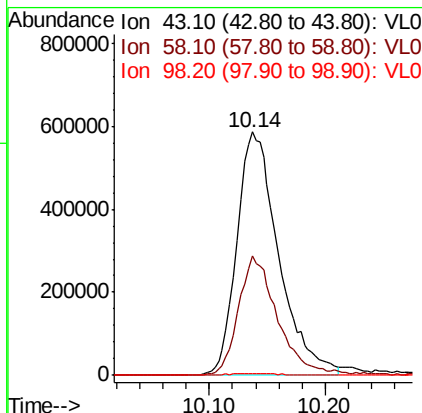
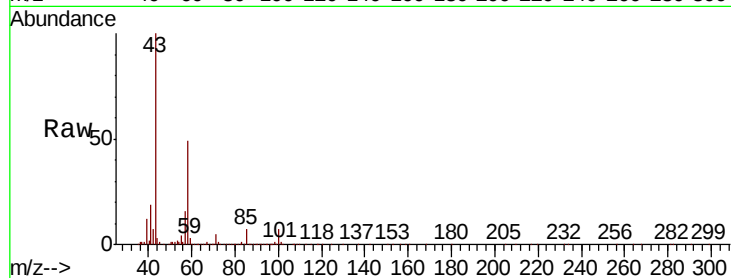




#51
2-Hexanone
Concen: 10.548 ppbv
RT: 10.14 min Scan# 2286
Delta R.T. -0.00 min
Lab File: VL036536.D
Acq: 29 Mar 2021 11:04

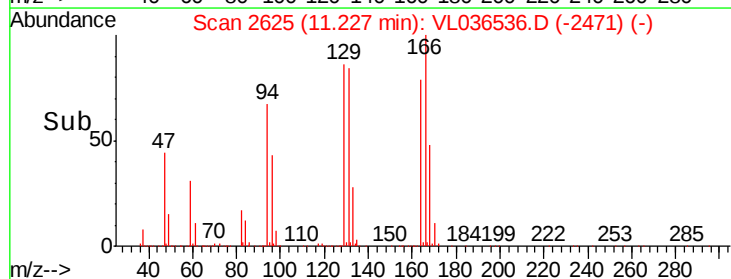
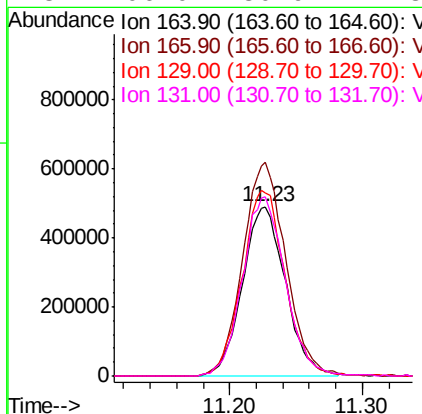
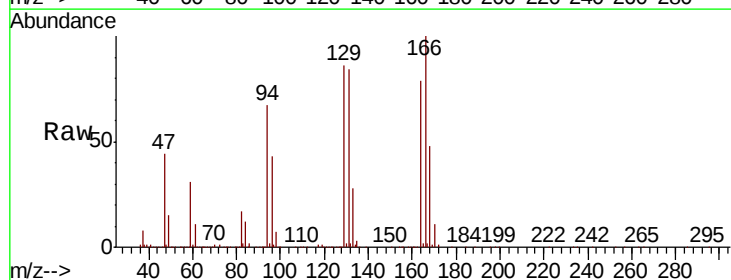
Instrument :
MSVOA_L
ClientSampleId :

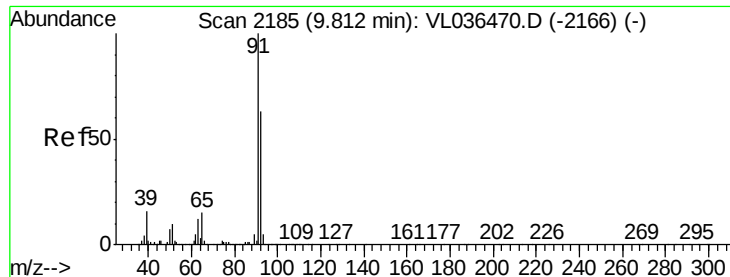
Tot Ion: 43 Resp: 1460871
Ion Ratio Lower Upper
43 100
58 47.1 37.7 56.5
98 1.0 0.2 0.2#



#52
Tetrachloroethene
Concen: 8.351 ppbv
RT: 11.23 min Scan# 2625
Delta R.T. -0.00 min
Lab File: VL036536.D
Acq: 29 Mar 2021 11:04

Tgt Ion: 164 Resp: 1102015
Ion Ratio Lower Upper
164 100
166 126.1 98.3 147.5
129 107.8 85.8 128.8
131 106.0 80.9 121.3





#53

Toluene

Concen: 9.789 ppbv

RT: 9.81 min Scan# 2184

Delta R.T. -0.00 min

Lab File: VL036536.D

Acq: 29 Mar 2021 11:04

Instrument :

MSVOA_L

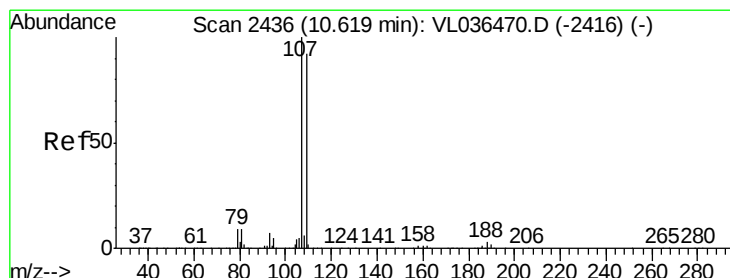
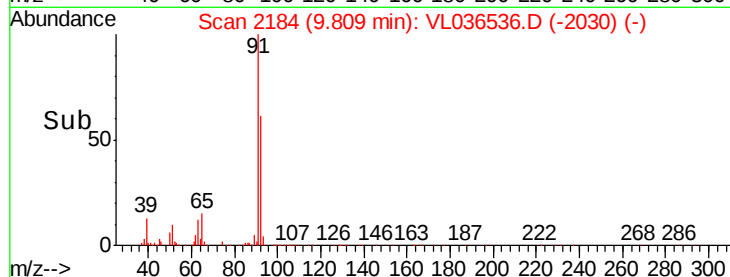
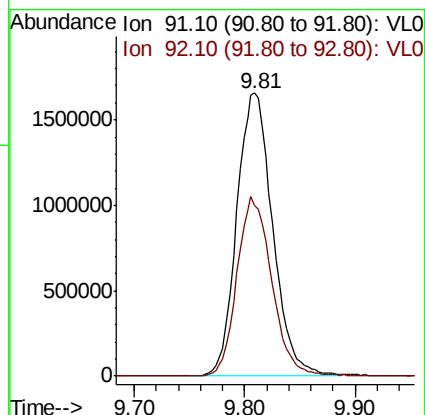
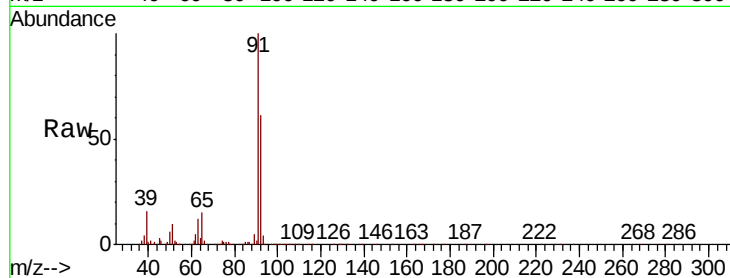
ClientSampleId :

Tot Ion: 91 Resp: 3735697

Ion Ratio Lower Upper

91 100

92 61.9 48.8 73.2



#54

1,2-Dibromoethane

Concen: 9.198 ppbv

RT: 10.62 min Scan# 2435

Delta R.T. -0.00 min

Lab File: VL036536.D

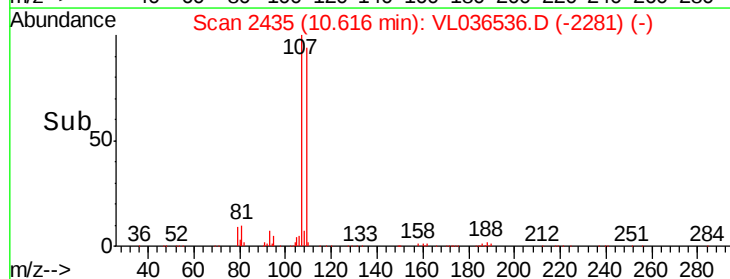
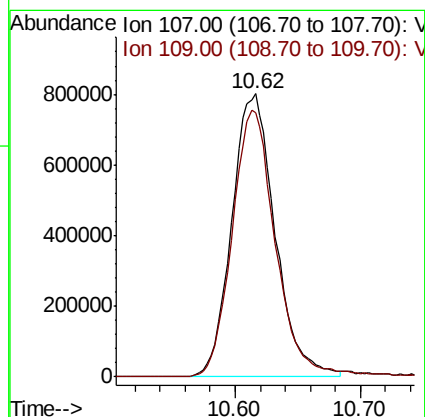
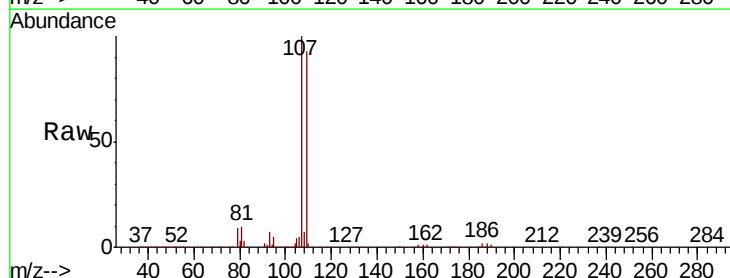
Acq: 29 Mar 2021 11:04

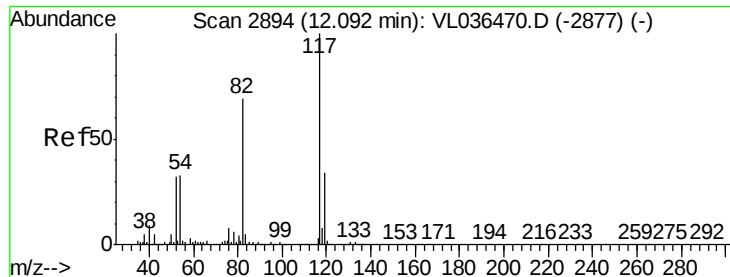
Tgt Ion: 107 Resp: 1912670

Ion Ratio Lower Upper

107 100

109 93.4 73.9 110.9

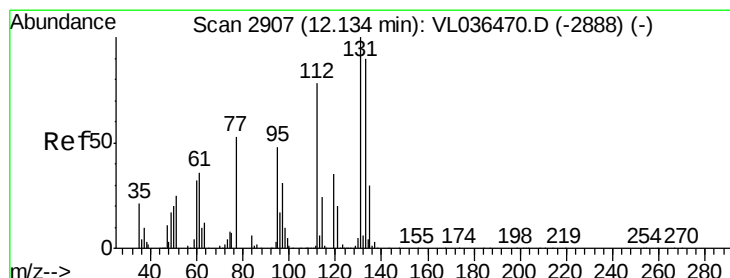
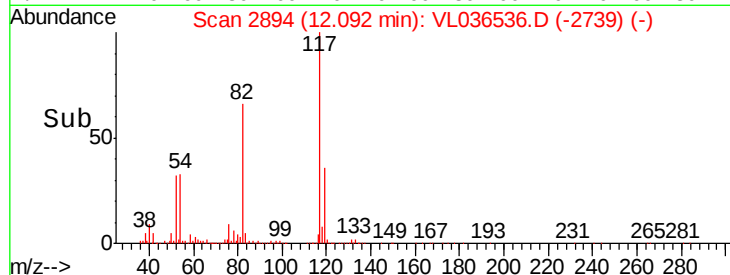
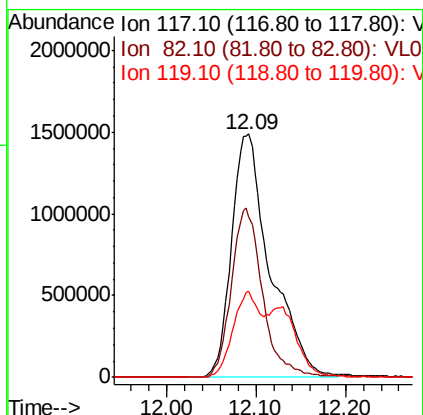
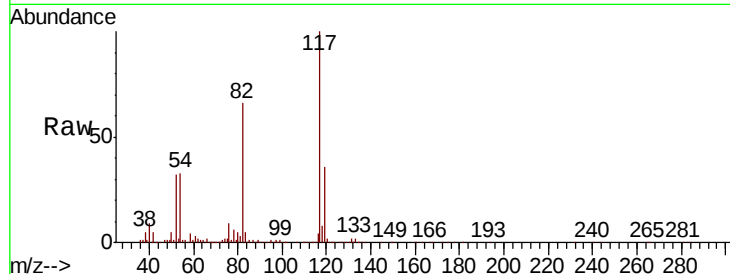




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2894
Delta R.T. -0.00 min
Lab File: VL036536.D
Acq: 29 Mar 2021 11:04

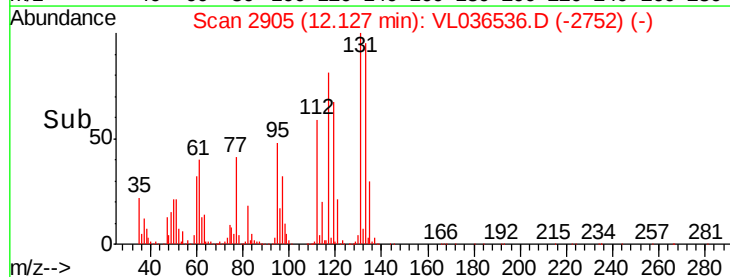
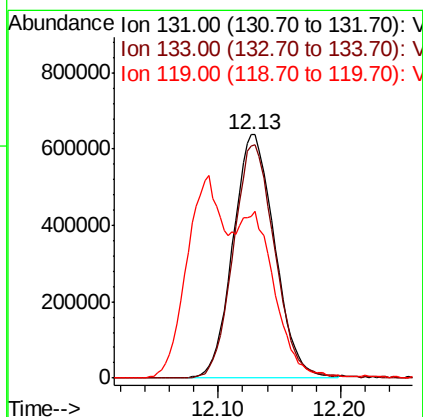
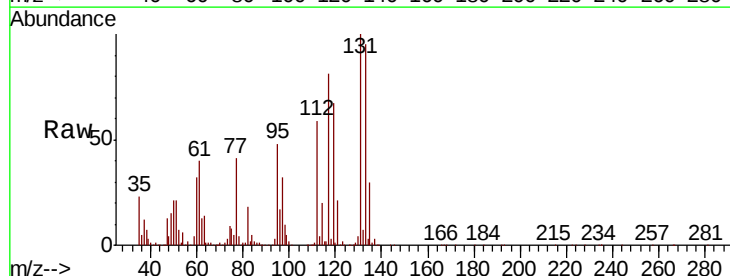
Instrument :
MSVOA_L
ClientSampleId :

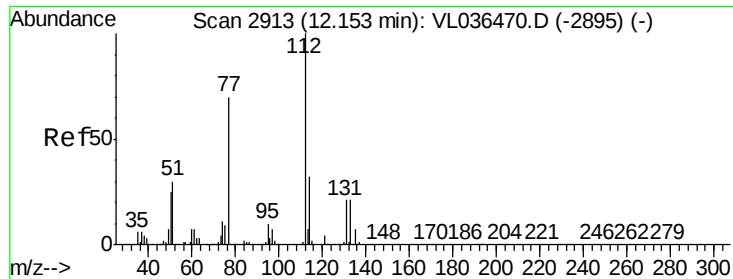
Tot Ion:117 Resp: 4479936
Ion Ratio Lower Upper
117 100
82 56.4 57.4 86.0#
119 26.1 47.4 71.0#



#56
1,1,1,2-Tetrachloroethane
Concen: 7.447 ppbv
RT: 12.13 min Scan# 2905
Delta R.T. -0.01 min
Lab File: VL036536.D
Acq: 29 Mar 2021 11:04

Tgt Ion:131 Resp: 1509035
Ion Ratio Lower Upper
131 100
133 95.7 75.8 113.6
119 140.0 48.7 73.1#





#57

Chlorobenzene

Concen: 6.975 ppbv

RT: 12.15 min Scan# 2912

Delta R.T. -0.00 min

Lab File: VL036536.D

Acq: 29 Mar 2021 11:04

Instrument :

MSVOA_L

ClientSampleId :

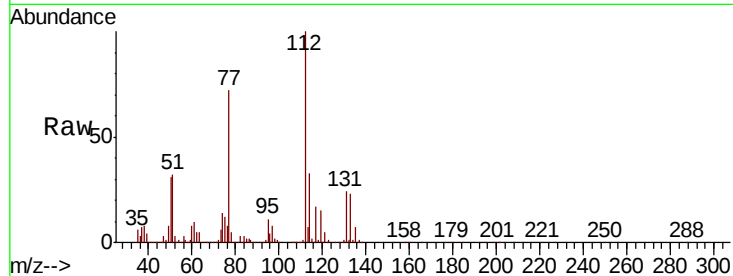
Tot Ion:112 Resp: 2658765

Ion Ratio Lower Upper

112 100

77 71.3 56.0 84.0

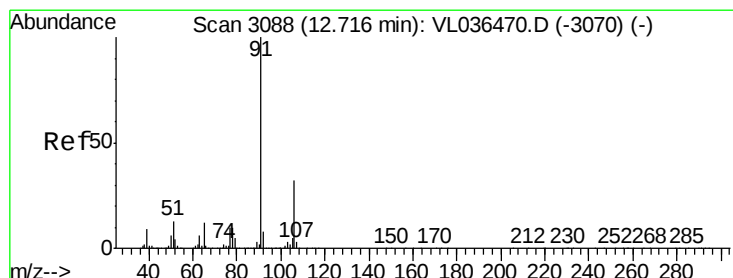
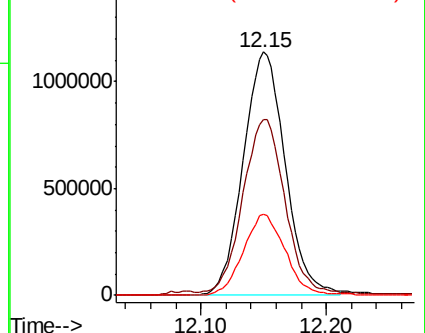
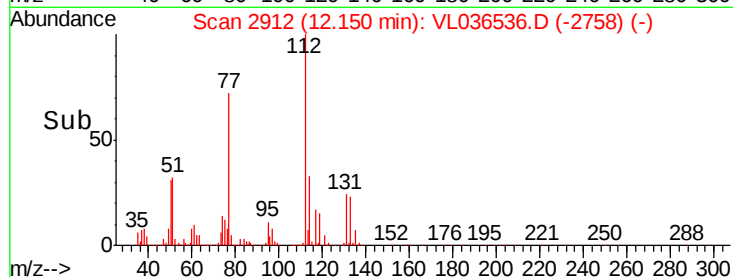
114 33.2 29.0 35.4



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: 7.634 ppbv

RT: 12.71 min Scan# 3087

Delta R.T. -0.00 min

Lab File: VL036536.D

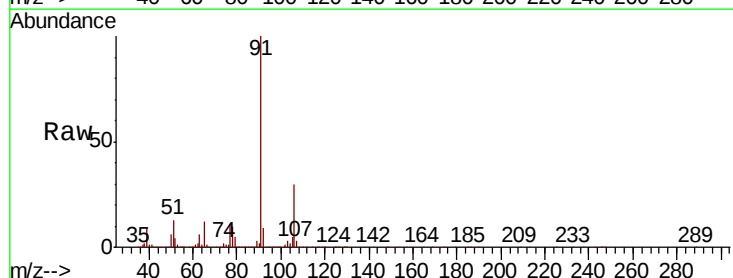
Acq: 29 Mar 2021 11:04

Tgt Ion: 91 Resp: 4975767

Ion Ratio Lower Upper

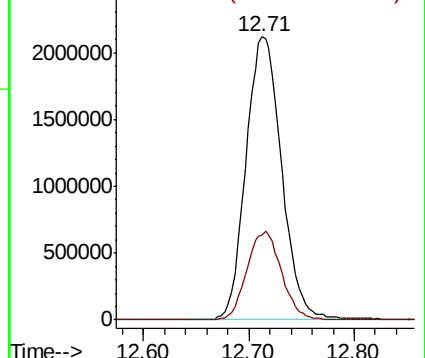
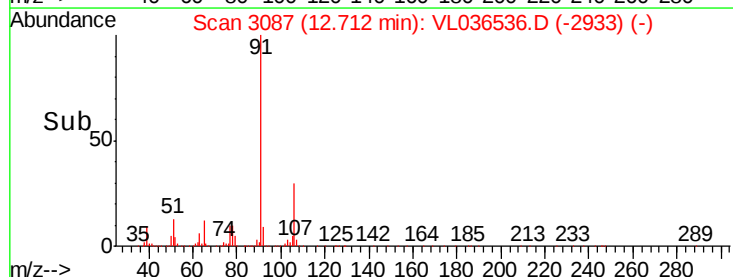
91 100

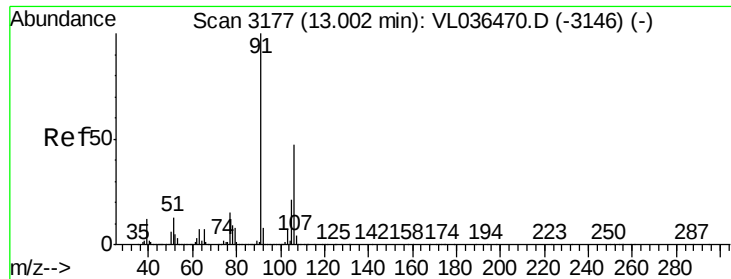
106 30.2 25.3 37.9



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V





#59

m/p-Xylene

Concen: 7.709 ppbv

RT: 13.00 min Scan# 3176

Delta R.T. -0.00 min

Lab File: VL036536.D

Acq: 29 Mar 2021 11:04

Instrument :

MSVOA_L

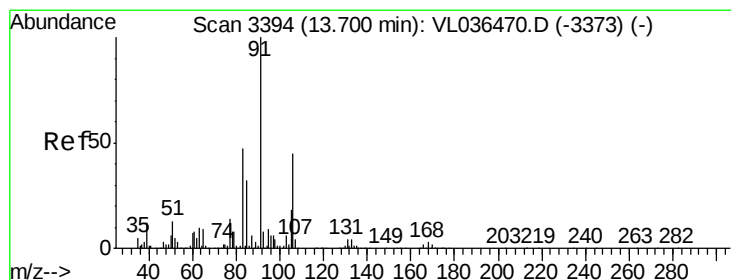
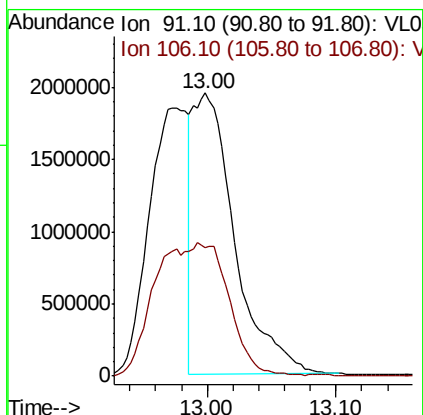
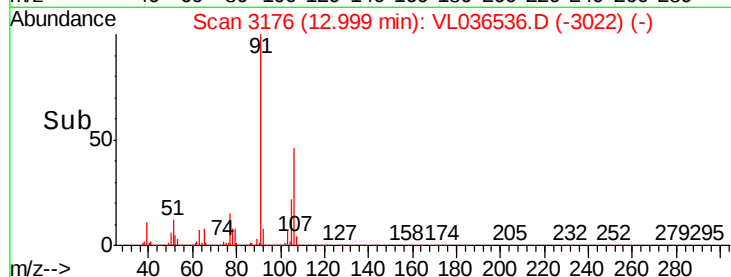
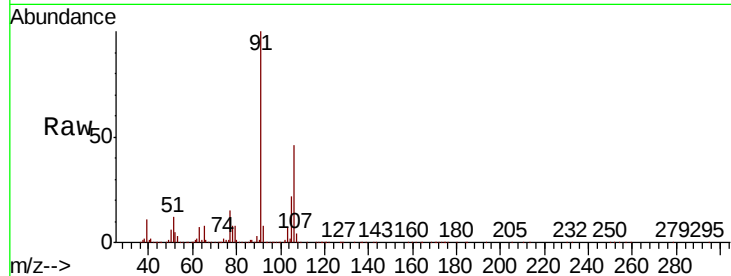
ClientSampled :

Tot Ion: 91 Resp: 4382437

Ion Ratio Lower Upper

91 100

106 83.9 35.3 52.9#



#60

o-Xylene

Concen: 7.232 ppbv

RT: 13.70 min Scan# 3393

Delta R.T. -0.00 min

Lab File: VL036536.D

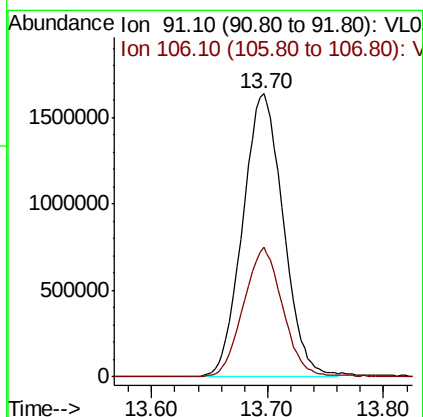
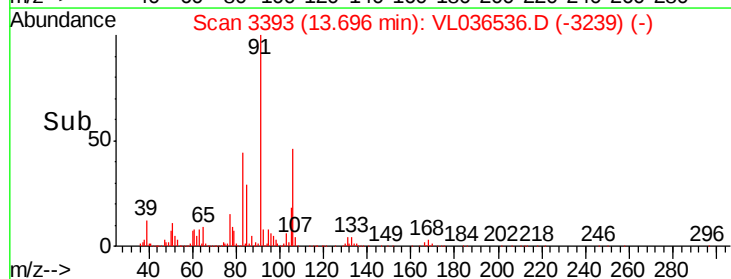
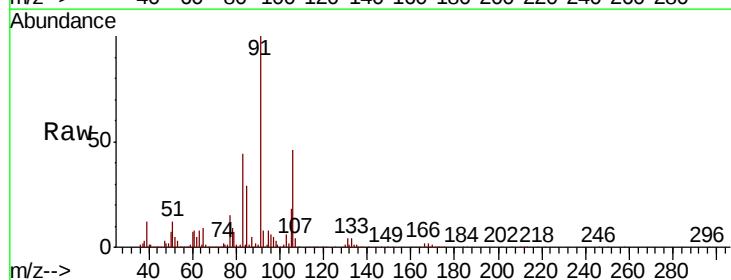
Acq: 29 Mar 2021 11:04

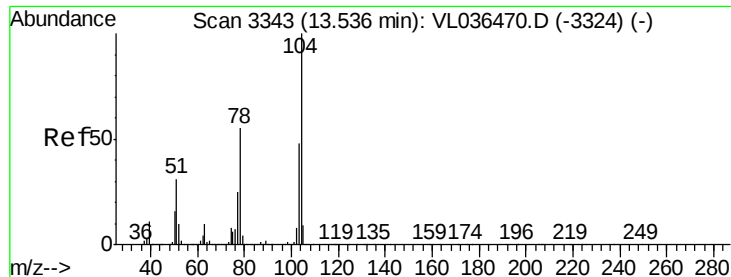
Tgt Ion: 91 Resp: 3975267

Ion Ratio Lower Upper

91 100

106 44.5 22.3 66.9





#61

Stvrene

Concen: 8.358 ppbv

RT: 13.53 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VL036536.D

Acq: 29 Mar 2021 11:04

Instrument :

MSVOA_L

ClientSampleId :

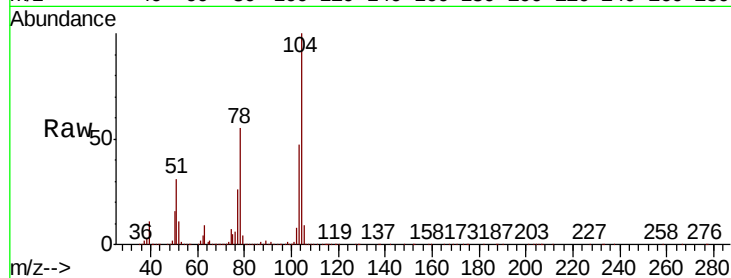
Tot Ion:104 Resp: 2311207

Ion Ratio Lower Upper

104 100

78 55.2 43.8 65.8

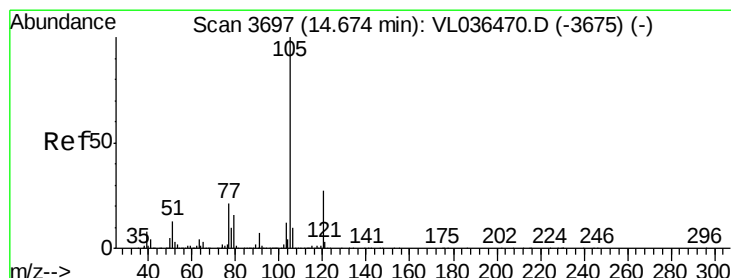
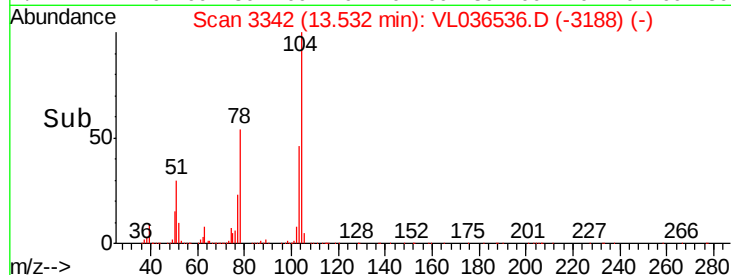
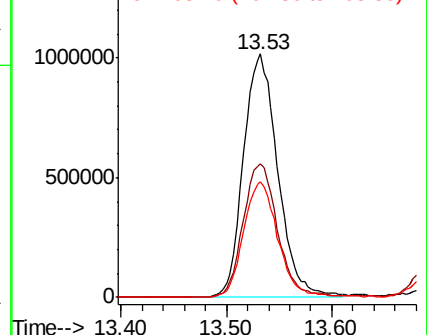
103 47.6 38.3 57.5



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: 7.148 ppbv

RT: 14.67 min Scan# 3695

Delta R.T. -0.01 min

Lab File: VL036536.D

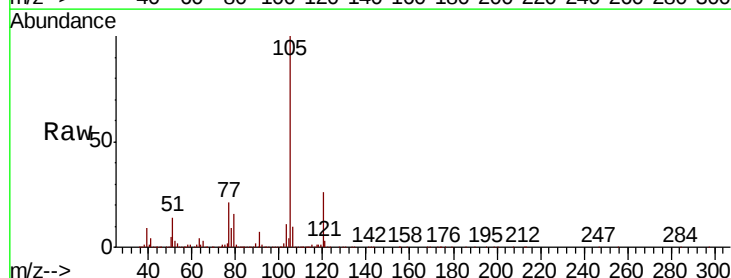
Acq: 29 Mar 2021 11:04

Tgt Ion:105 Resp: 5291038

Ion Ratio Lower Upper

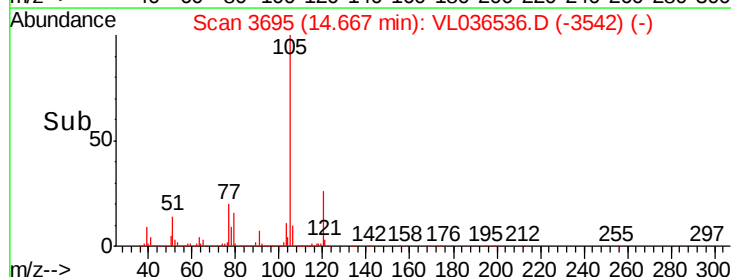
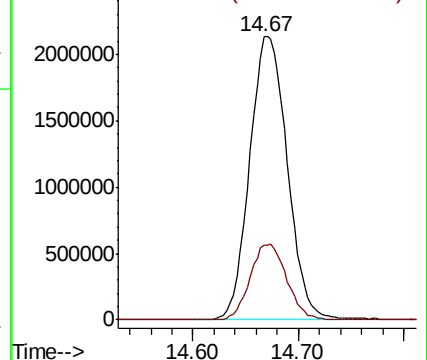
105 100

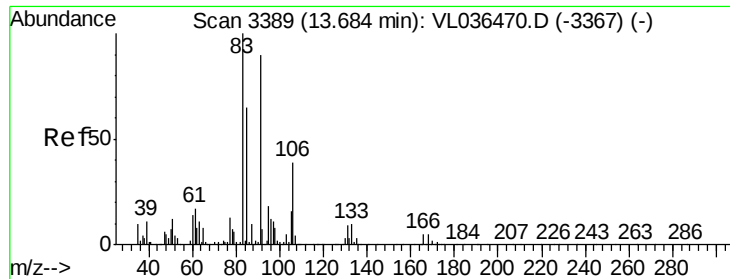
120 26.2 20.6 31.0



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V





#63

1,1,2,2-Tetrachloroethane

Concen: 6.693 ppbv

RT: 13.68 min Scan# 3388

Delta R.T. -0.00 min

Lab File: VL036536.D

Acq: 29 Mar 2021 11:04

Instrument :

MSVOA_L

ClientSampled :

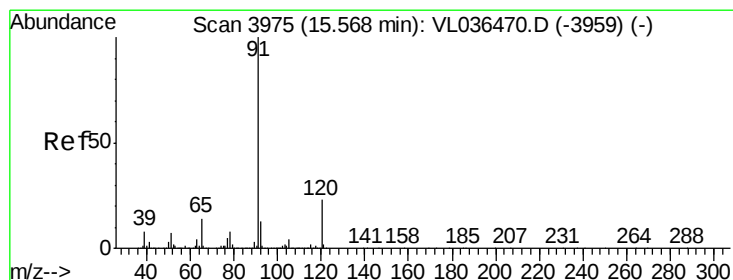
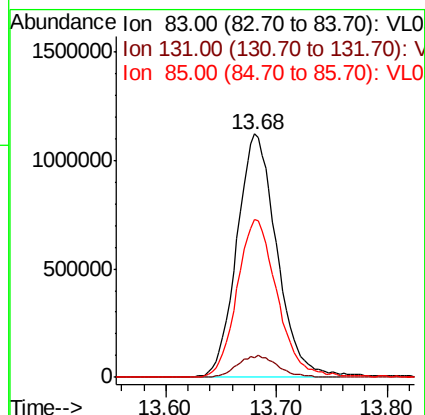
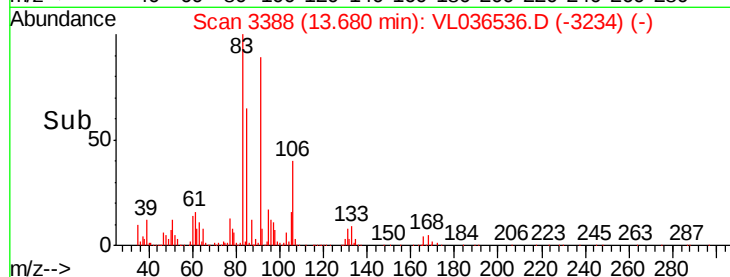
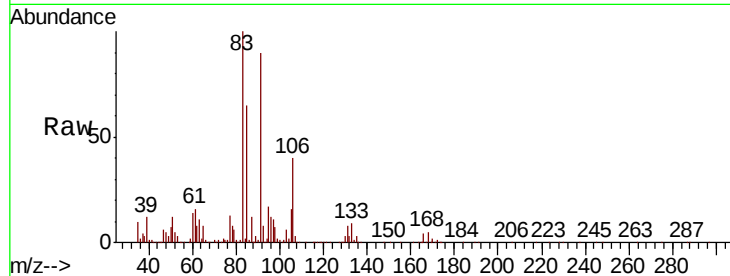
Tot Ion: 83 Resp: 2806224

Ion Ratio Lower Upper

83 100

131 9.2 4.7 14.0

85 65.9 33.1 99.3



#64

n-propylbenzene

Concen: 7.621 ppbv

RT: 15.56 min Scan# 3974

Delta R.T. -0.00 min

Lab File: VL036536.D

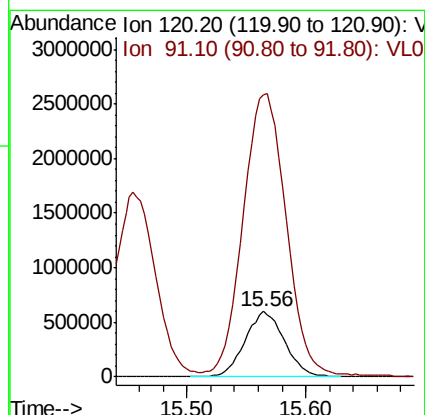
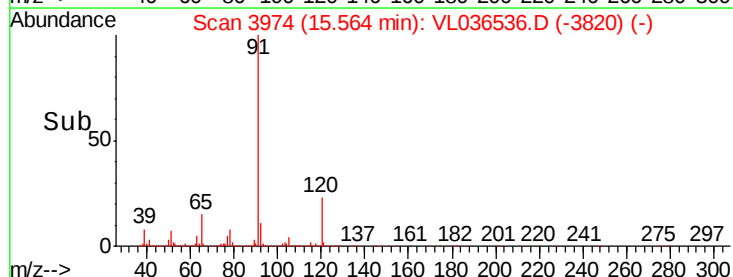
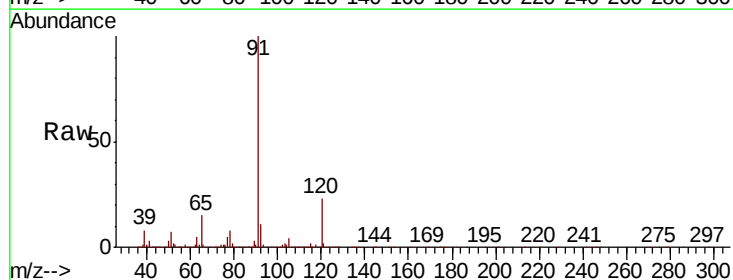
Acq: 29 Mar 2021 11:04

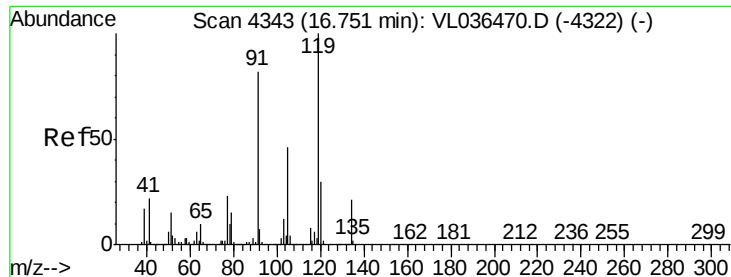
Tgt Ion: 120 Resp: 1379272

Ion Ratio Lower Upper

120 100

91 476.5 377.4 566.2





#65

tert-Butylbenzene

Concen: 7.101 ppbv

RT: 16.75 min Scan# 4342

Delta R.T. -0.00 min

Lab File: VL036536.D

Acq: 29 Mar 2021 11:04

Instrument :

MSVOA_L

ClientSampleId :

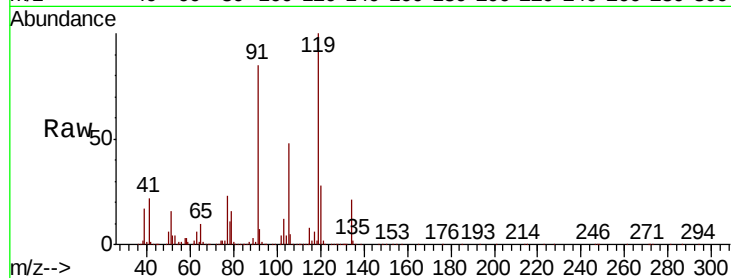
Tot Ion:119 Resp: 4558181

Ion Ratio Lower Upper

119 100

91 85.8 67.5 101.3

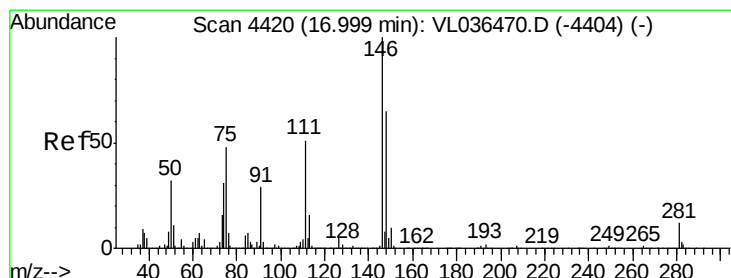
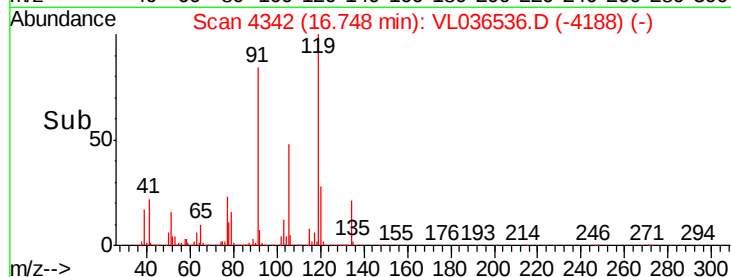
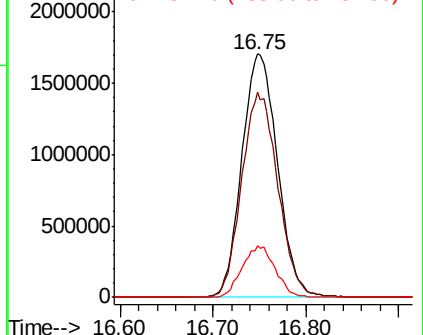
134 19.7 15.8 23.8



Abundance Ion 119.20 (118.90 to 119.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 134.20 (133.90 to 134.90): V



#66

Benzyl Chloride

Concen: 8.429 ppbv

RT: 16.99 min Scan# 4418

Delta R.T. -0.01 min

Lab File: VL036536.D

Acq: 29 Mar 2021 11:04

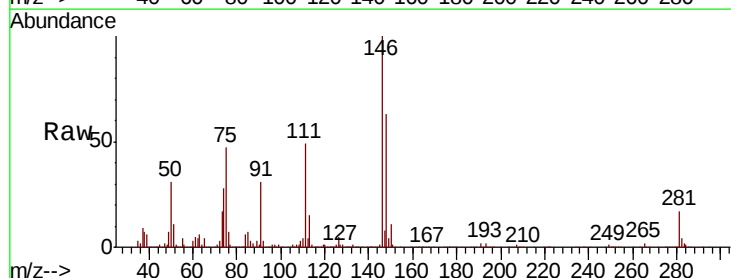
Tgt Ion: 91 Resp: 598035

Ion Ratio Lower Upper

91 100

126 16.8 13.5 20.3

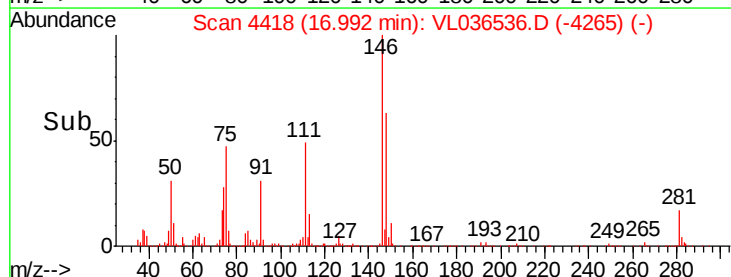
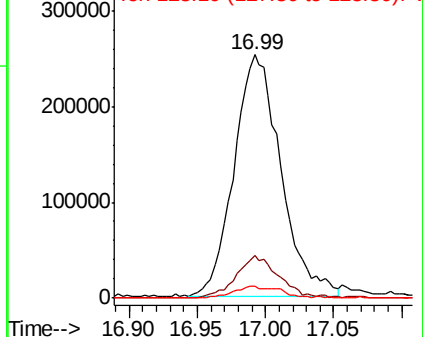
128 5.3 4.2 6.4

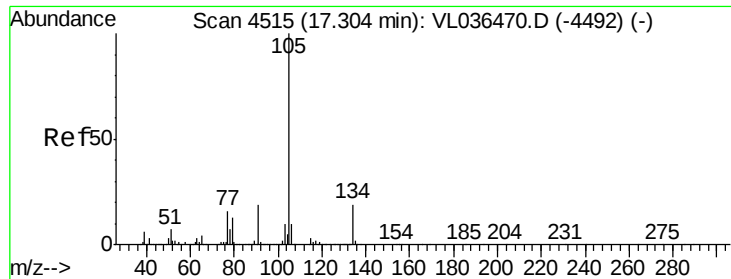


Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V

Ion 128.10 (127.80 to 128.80): V





#67

sec-Butylbenzene

Concen: 7.074 ppbv

RT: 17.30 min Scan# 4514

Delta R.T. -0.00 min

Lab File: VL036536.D

Acq: 29 Mar 2021 11:04

Instrument :

MSVOA_L

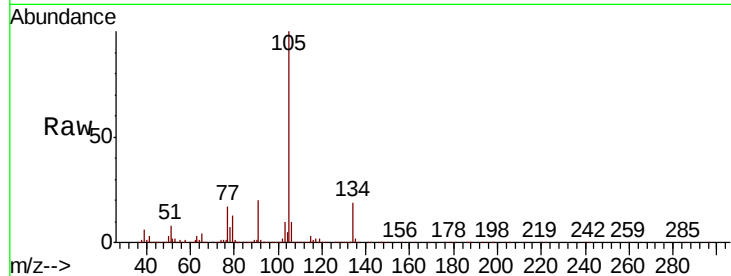
ClientSampled :

Tot Ion:105 Resp: 6409501

Ion Ratio Lower Upper

105 100

134 18.2 14.7 22.1



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V

2500000

2000000

1500000

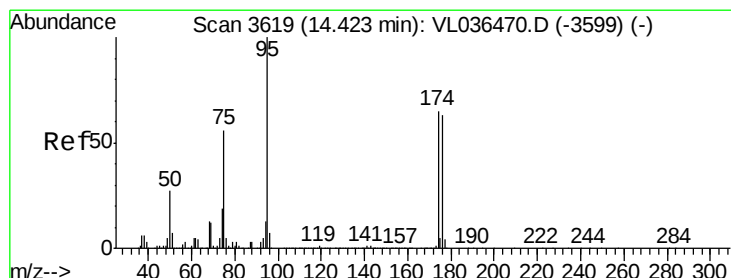
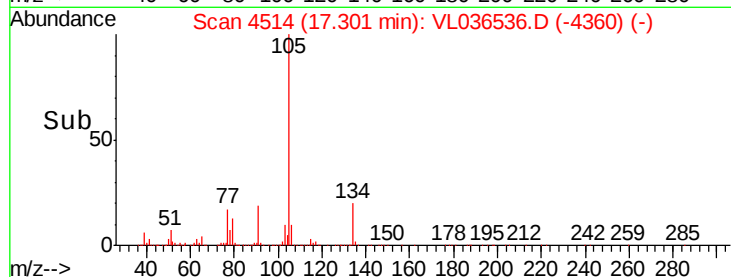
1000000

500000

0

17.20 17.30 17.40

Time-->



#68

1-Bromo-4-Fluorobenzene

Concen: 8.562 ppbv

RT: 14.42 min Scan# 3618

Delta R.T. -0.00 min

Lab File: VL036536.D

Acq: 29 Mar 2021 11:04

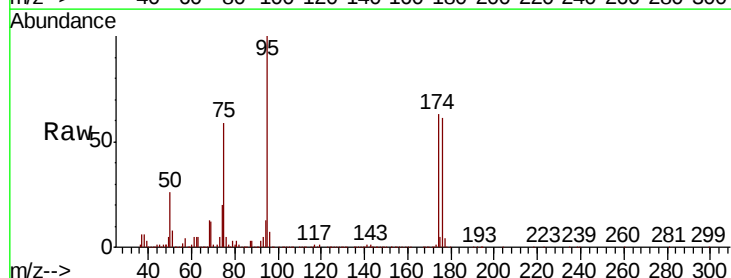
Tgt Ion: 95 Resp: 3057056

Ion Ratio Lower Upper

95 100

174 64.0 51.0 76.6

175 4.8 3.9 5.9



Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

1500000

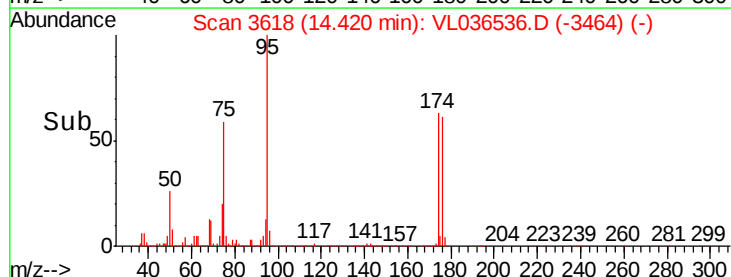
1000000

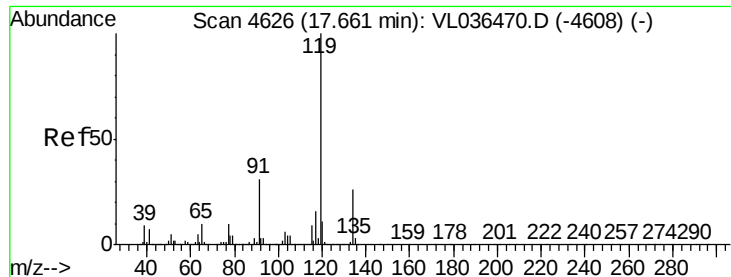
500000

0

14.40 14.42 14.50

Time-->

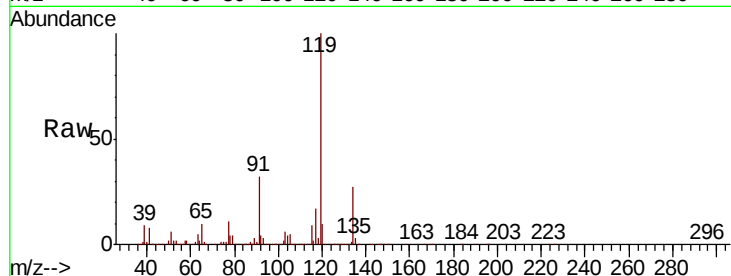




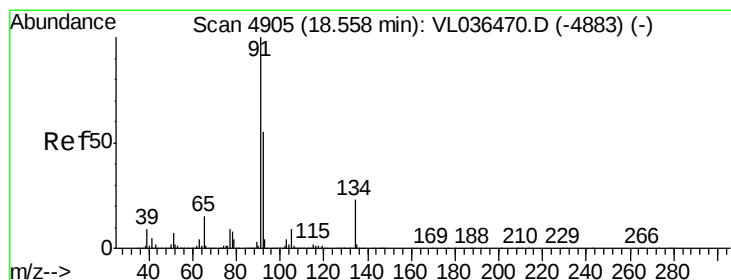
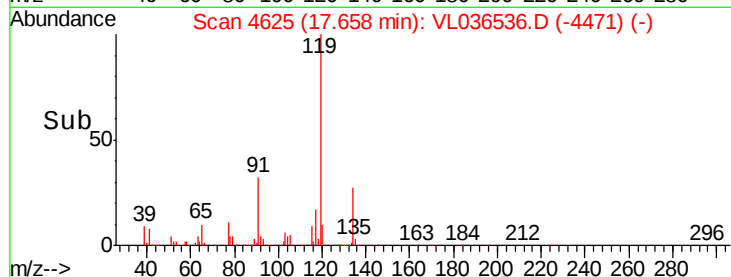
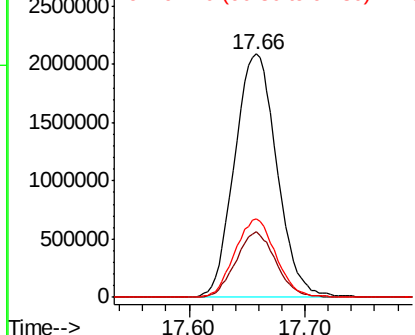
#69
 p-Isopropyltoluene
 Concen: 7.456 ppbv
 RT: 17.66 min Scan# 4625
 Delta R.T. -0.00 min
 Lab File: VL036536.D
 Acq: 29 Mar 2021 11:04

Instrument :
 MSVOA_L
 ClientSampled :

Tot Ion:119 Resp: 5275544
 Ion Ratio Lower Upper
 119 100
 134 25.7 20.6 30.8
 91 31.4 25.0 37.6

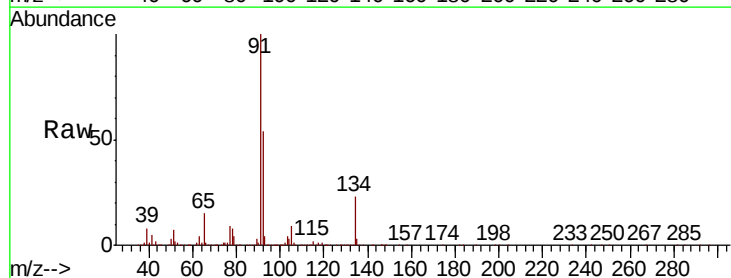


Abundance Ion 119.10 (118.80 to 119.80): V
 Ion 134.20 (133.90 to 134.90): V
 Ion 91.10 (90.80 to 91.80): V

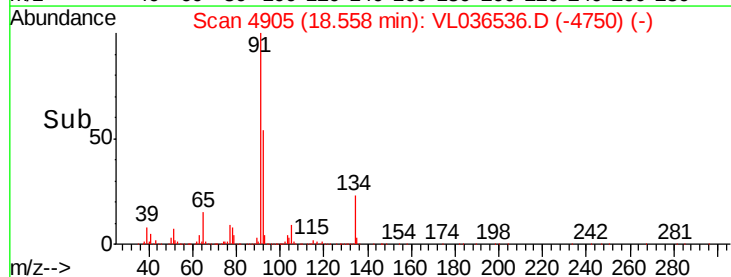
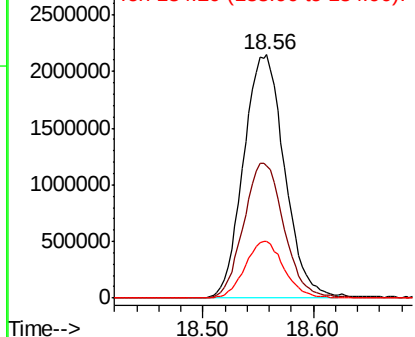


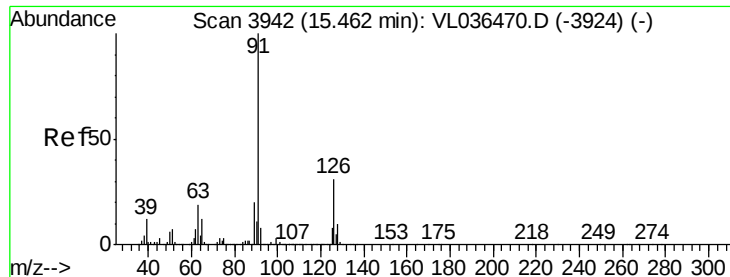
#70
 n-Butylbenzene
 Concen: 7.530 ppbv
 RT: 18.56 min Scan# 4905
 Delta R.T. -0.00 min
 Lab File: VL036536.D
 Acq: 29 Mar 2021 11:04

Tgt Ion: 91 Resp: 5523806
 Ion Ratio Lower Upper
 91 100
 92 55.0 43.8 65.8
 134 22.5 18.0 27.0



Abundance Ion 91.10 (90.80 to 91.80): VL0
 Ion 92.10 (91.80 to 92.80): VL0
 Ion 134.20 (133.90 to 134.90): V

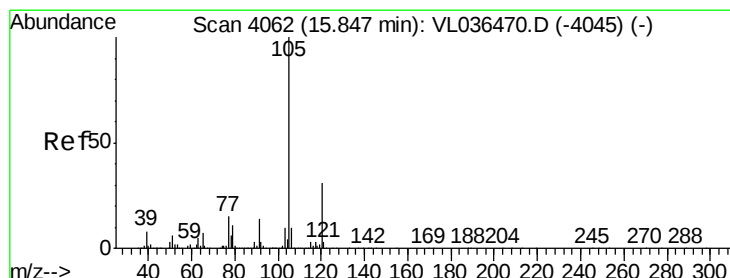
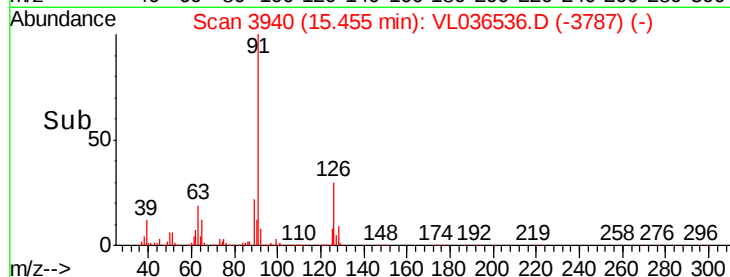
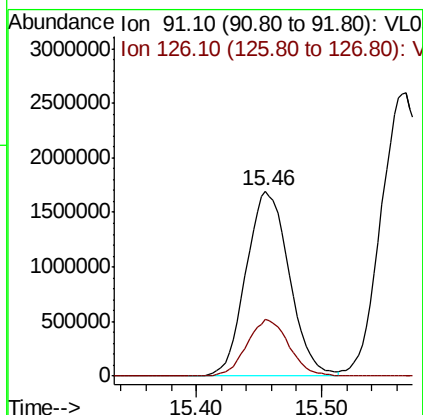
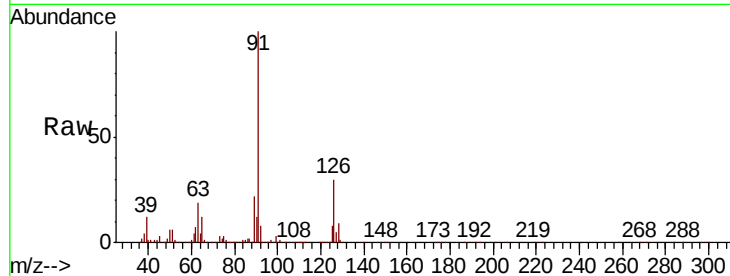




#71
 2-Chlorotoluene
 Concen: 7.334 ppbv
 RT: 15.46 min Scan# 3940
 Delta R.T. -0.01 min
 Lab File: VL036536.D
 Acq: 29 Mar 2021 11:04

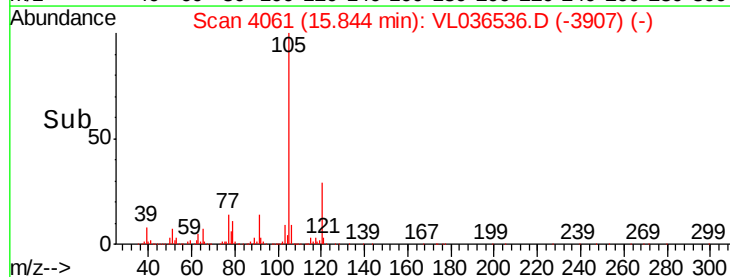
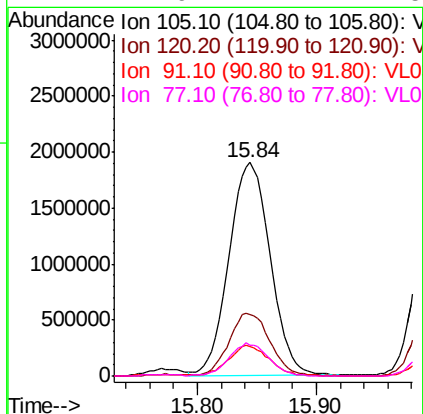
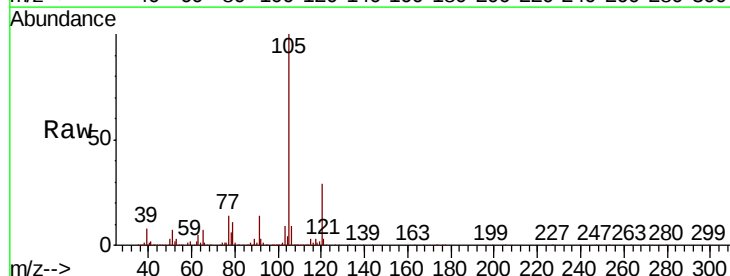
Instrument :
 MSVOA_L
 ClientSampled :

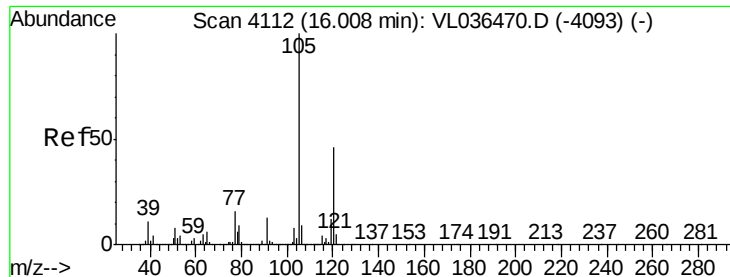
Tot Ion: 91 Resp: 4068183
 Ion Ratio Lower Upper
 91 100
 126 30.4 12.1 48.5



#72
 4-Ethyltoluene
 Concen: 7.558 ppbv
 RT: 15.84 min Scan# 4061
 Delta R.T. -0.00 min
 Lab File: VL036536.D
 Acq: 29 Mar 2021 11:04

Tgt Ion: 105 Resp: 4552121
 Ion Ratio Lower Upper
 105 100
 120 29.5 24.0 36.0
 91 14.8 11.0 16.4
 77 14.9 11.7 17.5





#73

1,3,5-Trimethylbenzene

Concen: 7.320 ppbv

RT: 16.00 min Scan# 4110

Delta R.T. -0.01 min

Lab File: VL036536.D

Acq: 29 Mar 2021 11:04

Instrument :

MSVOA_L

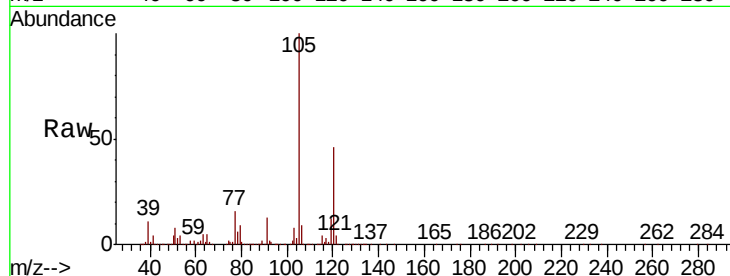
ClientSampleId :

Tot Ion:105 Resp: 4114941

Ion Ratio Lower Upper

105 100

120 46.1 36.6 54.8



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

2000000

1500000

1000000

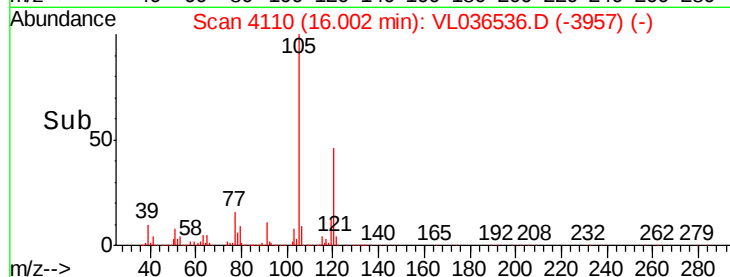
500000

0

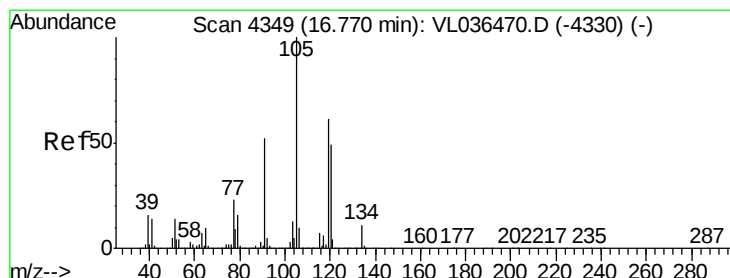
16.00

15.90

16.10



Time-->



#74

1,2,4-Trimethylbenzene

Concen: 7.026 ppbv

RT: 16.77 min Scan# 4348

Delta R.T. -0.00 min

Lab File: VL036536.D

Acq: 29 Mar 2021 11:04

Tgt Ion:105 Resp: 4226599

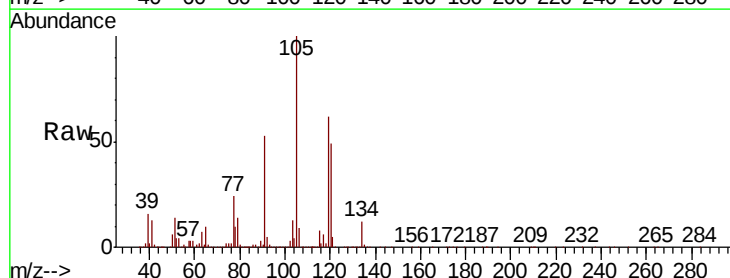
Ion Ratio Lower Upper

105 100

120 48.9 39.2 58.8

91 52.9 42.6 64.0

77 24.1 18.6 28.0



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

2500000

2000000

1500000

1000000

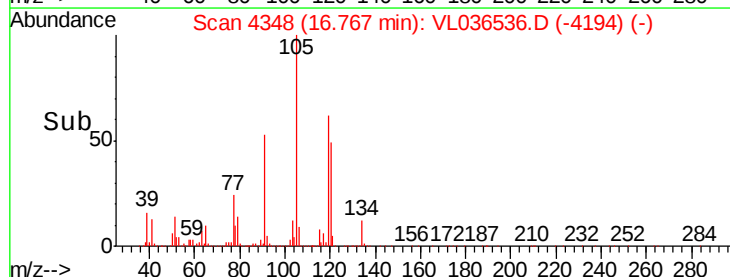
500000

0

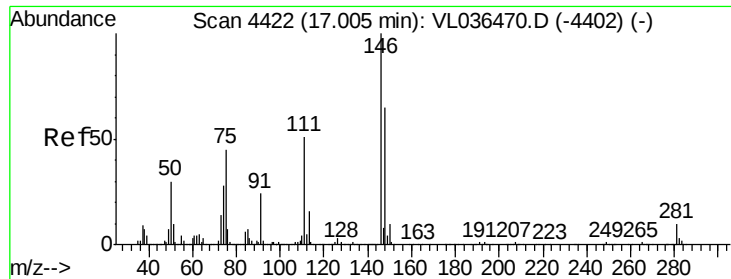
16.77

16.70

16.80



Time-->



#75

1,3-Dichlorobenzene

Concen: 6.861 ppbv

RT: 17.00 min Scan# 4420

Delta R.T. -0.01 min

Lab File: VL036536.D

Acq: 29 Mar 2021 11:04

Instrument :

MSVOA_L

ClientSampleId :

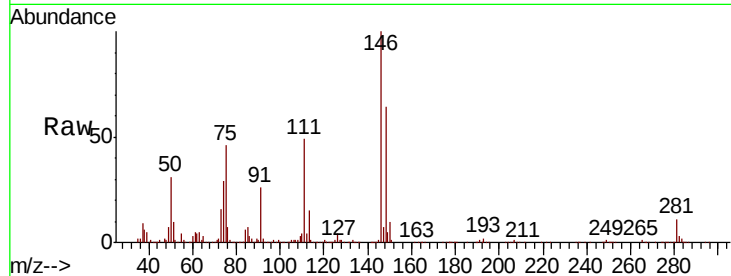
Tot Ion:146 Resp: 2323366

Ion Ratio Lower Upper

146 100

111 49.5 24.5 73.5

148 64.7 32.3 96.9

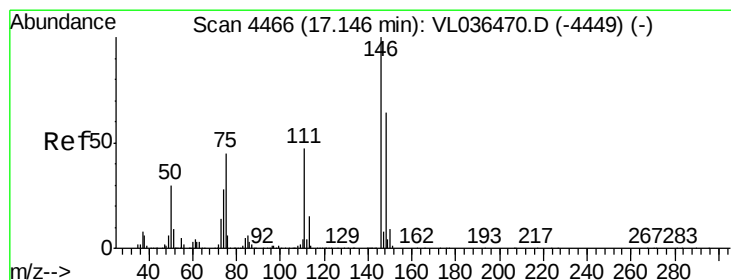
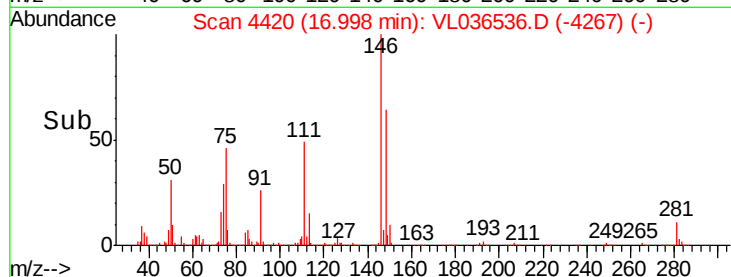
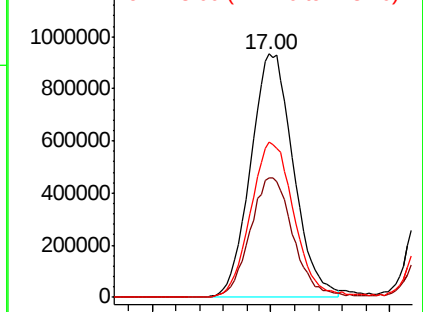


Abundance

Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



#76

1,4-Dichlorobenzene

Concen: 6.784 ppbv

RT: 17.14 min Scan# 4465

Delta R.T. -0.00 min

Lab File: VL036536.D

Acq: 29 Mar 2021 11:04

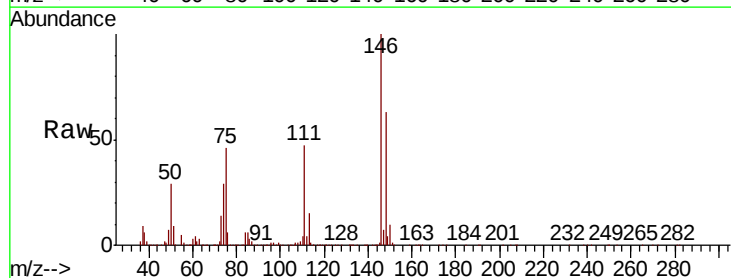
Tgt Ion:146 Resp: 2280824

Ion Ratio Lower Upper

146 100

111 48.2 24.3 72.8

148 64.6 33.0 98.9

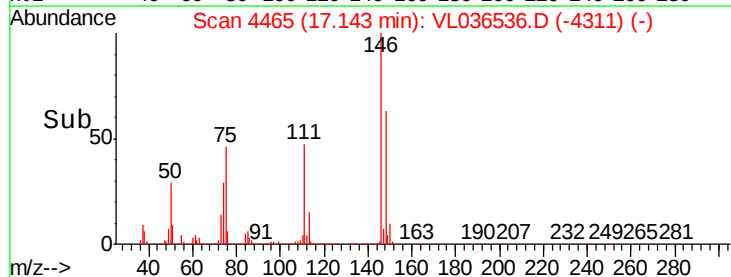
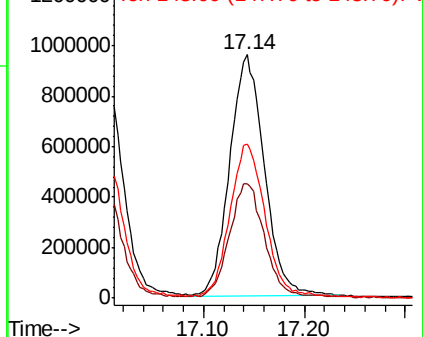


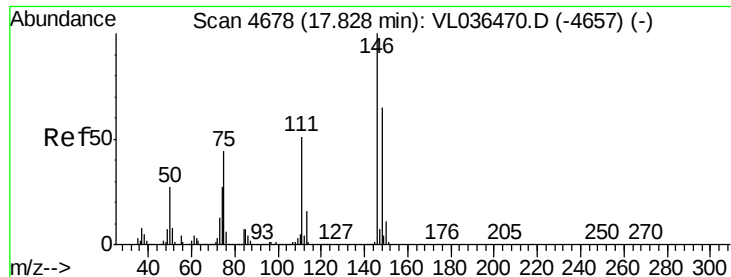
Abundance

Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V

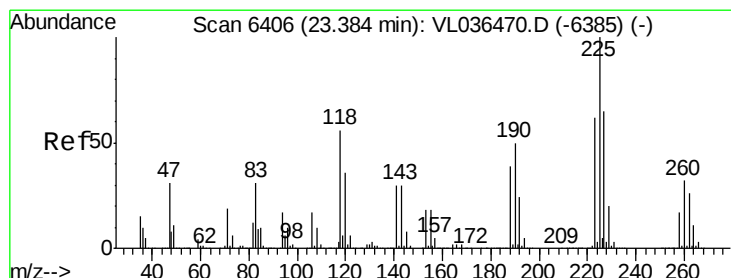
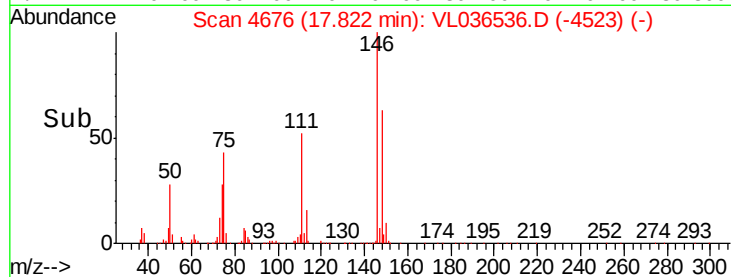
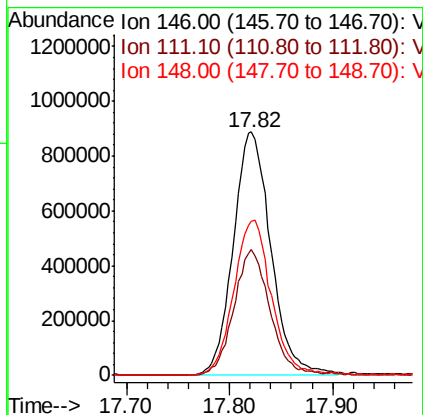
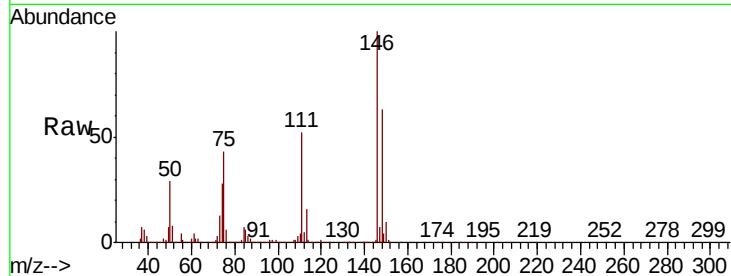




#77
 1,2-Dichlorobenzene
 Concen: 7.050 ppbv
 RT: 17.82 min Scan# 4676
 Delta R.T. -0.01 min
 Lab File: VL036536.D
 Acq: 29 Mar 2021 11:04

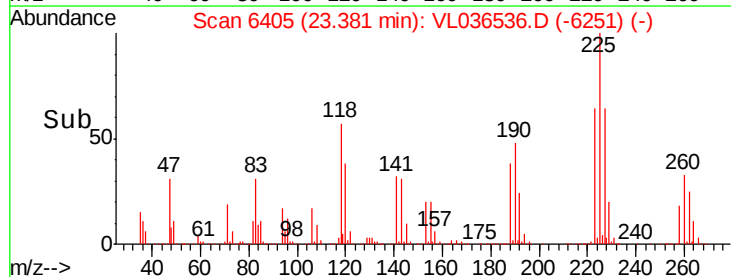
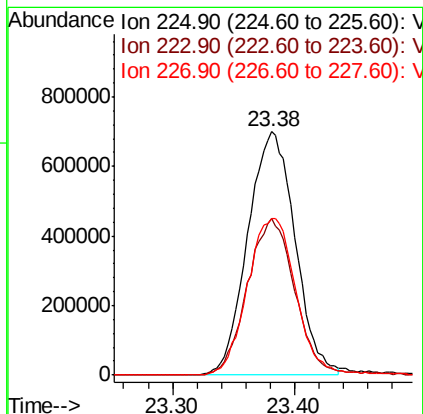
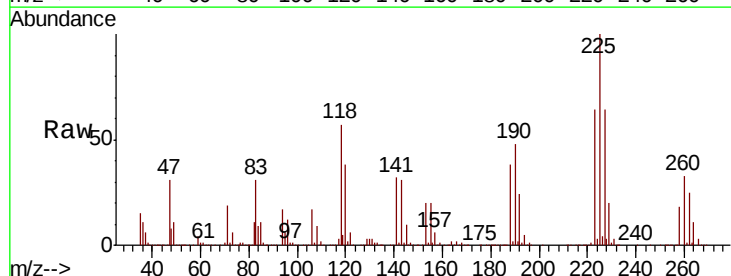
Instrument :
 MSVOA_L
 ClientSampled :

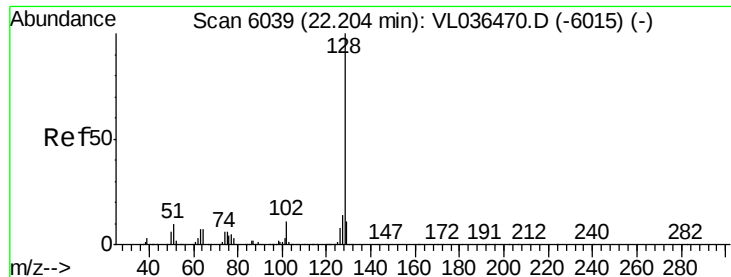
Tot Ion:146 Resp: 2244141
 Ion Ratio Lower Upper
 146 100
 111 50.1 25.5 76.5
 148 64.1 32.9 98.6



#78
 Hexachloro-1,3-Butadiene
 Concen: 6.609 ppbv
 RT: 23.38 min Scan# 6405
 Delta R.T. -0.00 min
 Lab File: VL036536.D
 Acq: 29 Mar 2021 11:04

Tgt Ion:225 Resp: 1883830
 Ion Ratio Lower Upper
 225 100
 223 65.0 50.6 75.8
 227 66.3 52.2 78.2





#79

Naphthalene

Concen: 9.645 ppbv

RT: 22.20 min Scan# 6038

Delta R.T. -0.00 min

Lab File: VL036536.D

Acq: 29 Mar 2021 11:04

Instrument :

MSVOA_L

ClientSampleId :

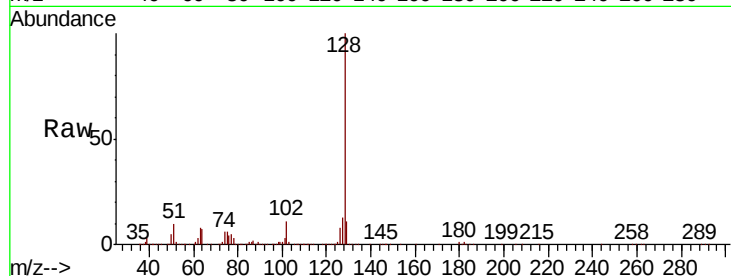
Tot Ion:128 Resp: 3385620

Ion Ratio Lower Upper

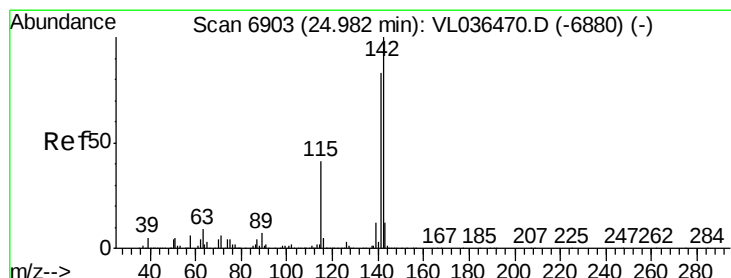
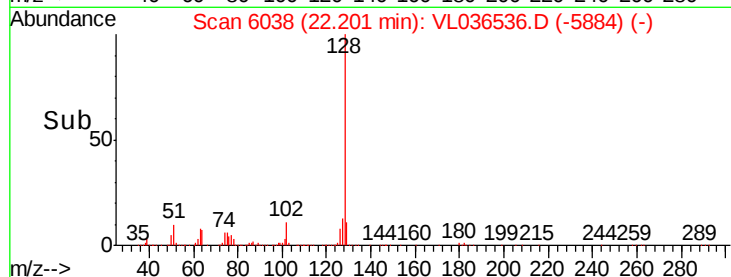
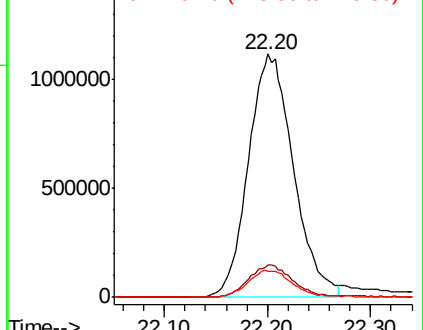
128 100

127 13.2 10.9 16.3

129 10.7 9.0 13.4



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: 9.006 ppbv

RT: 24.98 min Scan# 6903

Delta R.T. -0.00 min

Lab File: VL036536.D

Acq: 29 Mar 2021 11:04

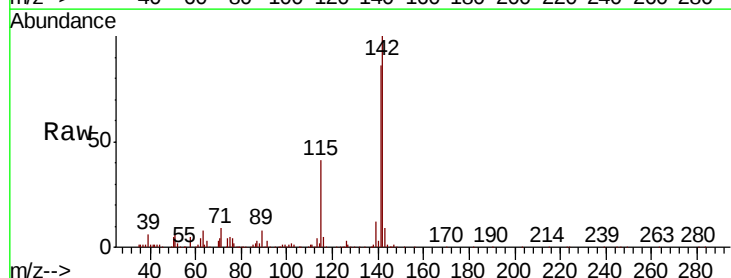
Tgt Ion:142 Resp: 623437

Ion Ratio Lower Upper

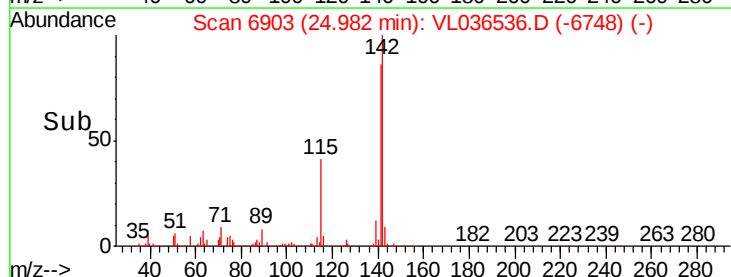
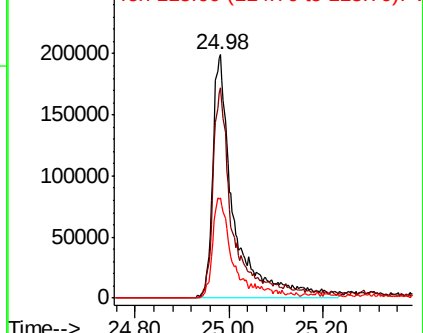
142 100

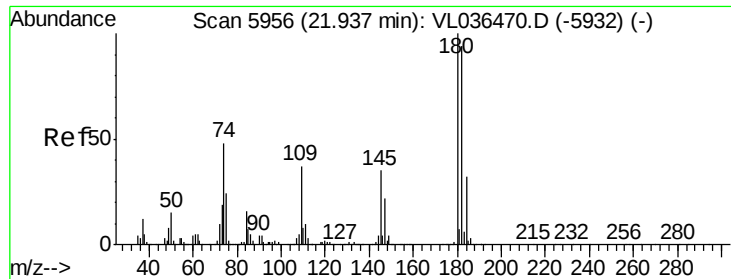
141 83.7 67.8 101.8

115 41.1 34.0 51.0



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: 3.233 ppbv

RT: 21.94 min Scan# 5957

Delta R.T. 0.00 min

Lab File: VL036536.D

Acq: 29 Mar 2021 11:04

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion:180 Resp: 700659

Ion Ratio Lower Upper

180 100

182 271.8 80.8 121.2#

184 85.7 25.0 37.4#

