

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030121\
 Data File : VL036416.D
 Acq On : 1 Mar 2021 15:53
 Operator : SY/AP
 Sample : M1458-14 0.5 LOQ
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Mar 02 02:41:02 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL021021AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 10 16:04:02 2021
 QLast Update : Wed Feb 10 16:04:02 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.69	49	1692048	10.00	ppbv	0.04
33) 1,4-Difluorobenzene	7.20	114	3818497	10.00	ppbv	0.04
55) Chlorobenzene-d5	12.11	117	3390429	10.00	ppbv	0.05

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.45	95	2734404	9.80	ppbv	0.05
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.00%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.06	85	155990	0.618 ppbv	94
3) Chlorodifluoromethane	3.00	51	117293	0.558 ppbv	100
4) Chloromethane	3.16	50	54502	0.537 ppbv	97
5) Vinyl Chloride	3.27	62	44123	0.467 ppbv	95
6) Bromomethane	3.48	94	14926	0.266 ppbv #	78
7) Chloroethane	3.57	64	19726	0.587 ppbv #	86
8) Dichlorotetrafluoroethane	3.20	85	131101	0.571 ppbv	96
9) Propene	3.02	41	32542	0.415 ppbv #	60
10) Heptane	8.15	43	100614	0.436 ppbv	94
11) Trichlorofluoromethane	3.97	101	140094	0.567 ppbv	86
12) 1,1,2-Trichlorotrifluoroet	4.50	101	86931	0.568 ppbv	100
13) Ethanol	3.63	45	3803	0.258 ppbv #	1
14) Bromoethene	3.76	108	26892	0.419 ppbv #	70
15) Acetone	3.88	43	88019	0.426 ppbv #	53
16) 1,3-Butadiene	3.32	39	6348	0.064 ppbv #	9
17) tert-Butyl alcohol	4.32	59	68859	0.429 ppbv #	91
18) 1,1-Dichloroethene	4.31	96	33137	0.476 ppbv	81
19) Isopropyl Alcohol	4.00	45	47588	0.415 ppbv #	69
20) Methylene Chloride	4.37	84	20794	0.312 ppbv	81
21) Allyl Chloride	4.43	41	49543	0.430 ppbv	87
22) trans-1,2-Dichloroethene	4.90	96	22026	0.348 ppbv #	65
23) Vinyl Acetate	5.10	43	102610	0.422 ppbv #	93
24) 1,1-Dichloroethane	5.02	63	100209	0.557 ppbv	96
25) Ethyl Acetate	5.71	43	184340	0.462 ppbv #	96
26) Hexane	5.71	57	72539	0.442 ppbv #	76
27) Carbon Disulfide	4.57	76	70521	0.468 ppbv	94
28) Methyl tert-Butyl Ether	5.07	73	96441	0.450 ppbv	96
29) Chloroform	5.77	83	87994	0.333 ppbv	94
30) Cyclohexane	7.16	84	15603	0.114 ppbv #	1
31) cis-1,2-Dichloroethene	5.57	61	64586	0.398 ppbv	94
32) 1,1,1-Trichloroethane	6.54	97	68656	0.278 ppbv #	30
34) 2-Butanone	5.28	43	56120	0.221 ppbv #	60
35) Carbon Tetrachloride	7.04	117	127004	0.496 ppbv	92
36) Benzene	6.92	78	141683	0.437 ppbv #	90
37) 1,2-Dichloroethane	6.33	62	92792	0.463 ppbv #	97
38) Trichloroethene	7.86	130	44805	0.386 ppbv #	84
39) 1,2-Dichloropropane	7.64	63	37438	0.284 ppbv	98
40) 1,4-Dioxane	7.89	88	10853	0.238 ppbv #	23
41) Tetrahydrofuran	6.09	42	32530	0.230 ppbv #	68
42) Bromodichloromethane	7.81	83	46080	0.172 ppbv	91
43) Methyl Methacrylate	8.03	69	16309	0.119 ppbv #	1

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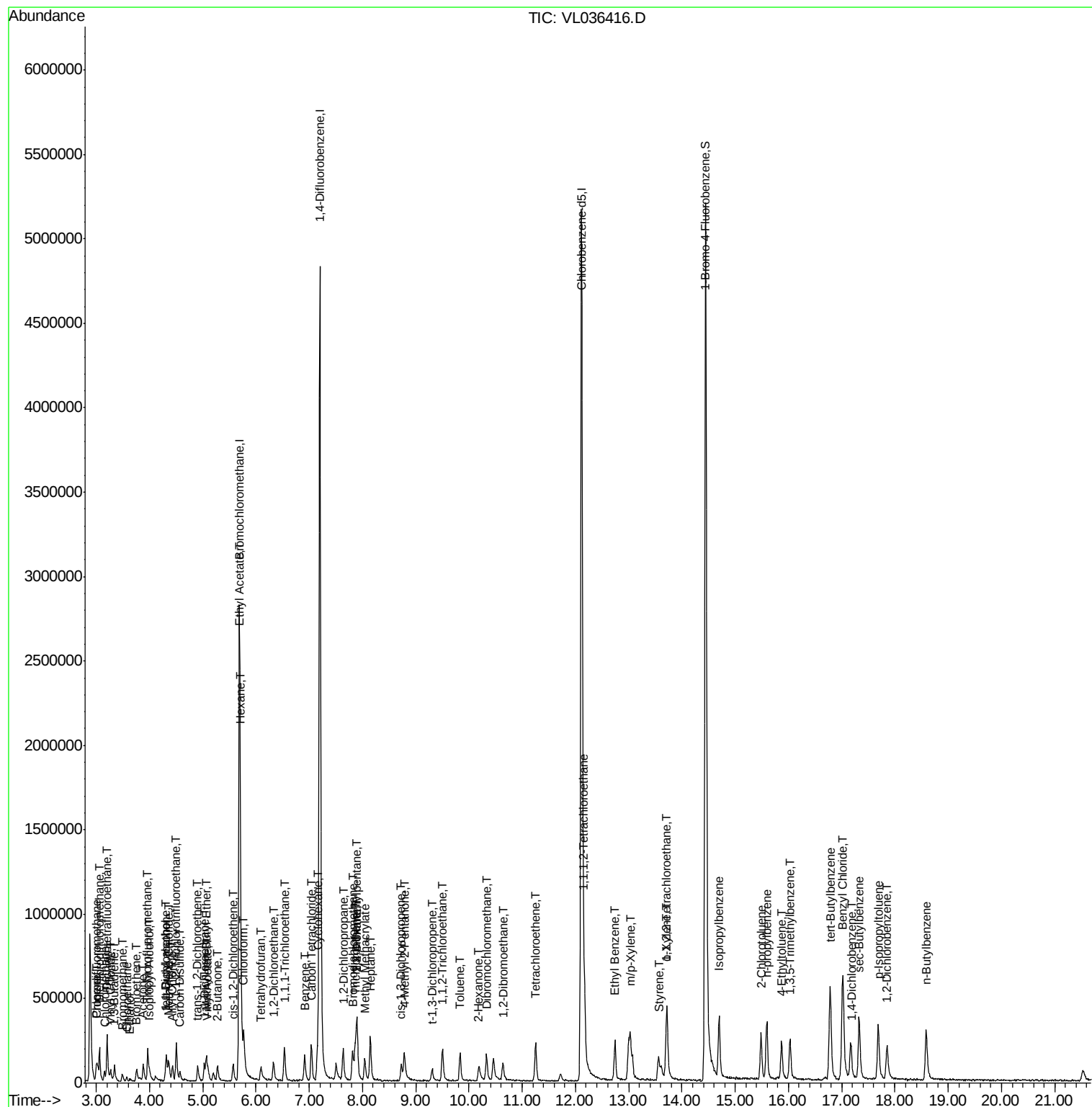
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.89	57	286659	0.486	ppbv	93
45) t-1,3-Dichloropropene	9.31	75	38269	0.290	ppbv	90
46) cis-1,3-Dichloropropene	8.73	75	32139	0.192	ppbv #	95
47) 1,1,2-Trichloroethane	9.50	97	66271	0.491	ppbv	92
48) Dibromochloromethane	10.33	129	85730	0.426	ppbv	89
50) 4-Methyl-2-Pentanone	8.78	43	76026	0.202	ppbv #	48
51) 2-Hexanone	10.19	43	56965	0.199	ppbv #	60
52) Tetrachloroethene	11.25	164	28939	0.244	ppbv	96
53) Toluene	9.84	91	42220	0.120	ppbv #	20
54) 1,2-Dibromoethane	10.64	107	84014	0.431	ppbv	81
56) 1,1,1,2-Tetrachloroethane	12.16	131	25631	0.164	ppbv #	1
58) Ethyl Benzene	12.74	91	196277	0.423	ppbv	96
59) m/p-Xylene	13.02	91	132325	0.324	ppbv #	1
60) o-Xylene	13.73	91	79641	0.204	ppbv #	32
61) Styrene	13.56	104	42217	0.175	ppbv #	25
62) Isopropylbenzene	14.70	105	297636	0.509	ppbv	97
63) 1,1,2,2-Tetrachloroethane	13.71	83	71558	0.233	ppbv #	23
64) n-propylbenzene	15.59	120	39972	0.278	ppbv #	1
65) tert-Butylbenzene	16.78	119	236564	0.473	ppbv	93
66) Benzyl Chloride	17.03	91	10514	0.077	ppbv #	51
67) sec-Butylbenzene	17.33	105	351284	0.487	ppbv	98
69) p-Isopropyltoluene	17.68	119	245559	0.441	ppbv	95
70) n-Butylbenzene	18.59	91	136519	0.228	ppbv #	47
71) 2-Chlorotoluene	15.48	91	91226	0.204	ppbv #	40
72) 4-Ethyltoluene	15.87	105	103422	0.238	ppbv #	61
73) 1,3,5-Trimethylbenzene	16.03	105	163770	0.389	ppbv	93
76) 1,4-Dichlorobenzene	17.20	146	8517	0.035	ppbv #	23
77) 1,2-Dichlorobenzene	17.86	146	42129	0.182	ppbv #	21

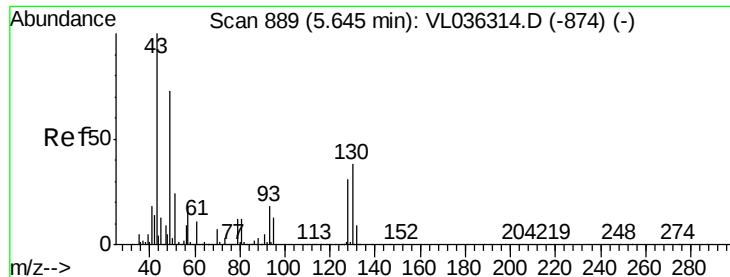
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.69 min Scan# 902

Delta R.T. 0.04 min

Lab File: VL036416.D

Acq: 1 Mar 2021 15:53

Instrument :

MSVOA_L

ClientSampleId :

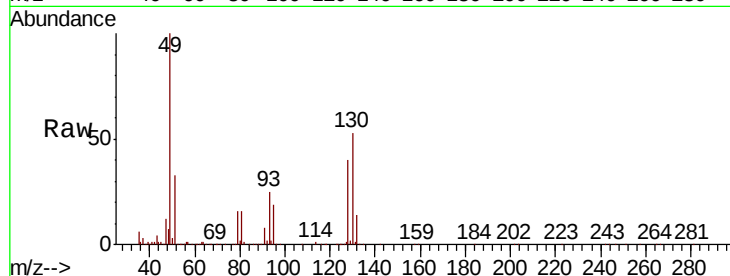
Tot Ion: 49 Resp: 1692048

Ion Ratio Lower Upper

49 100

128 42.6 20.8 62.5

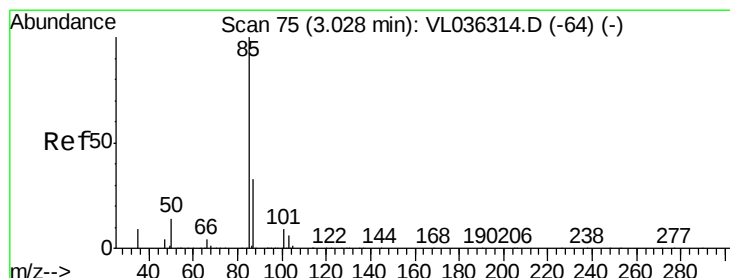
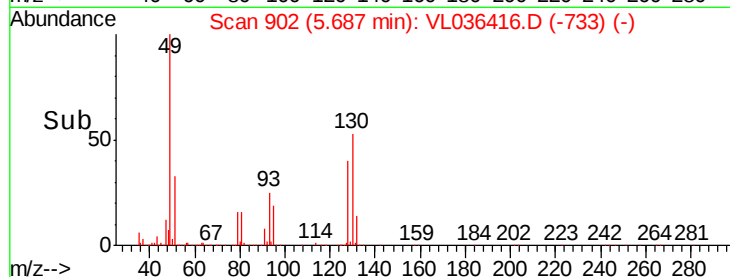
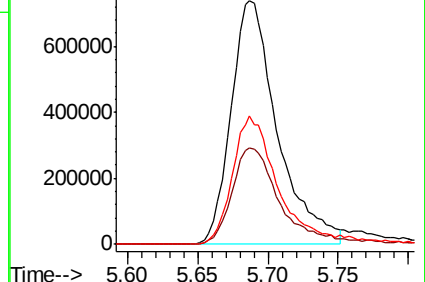
130 54.7 26.7 80.1



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#2

Dichlorodifluoromethane

Concen: 0.618 ppbv

RT: 3.06 min Scan# 84

Delta R.T. 0.03 min

Lab File: VL036416.D

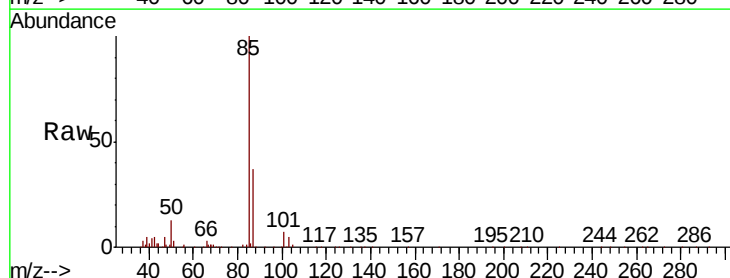
Acq: 1 Mar 2021 15:53

Tgt Ion: 85 Resp: 155990

Ion Ratio Lower Upper

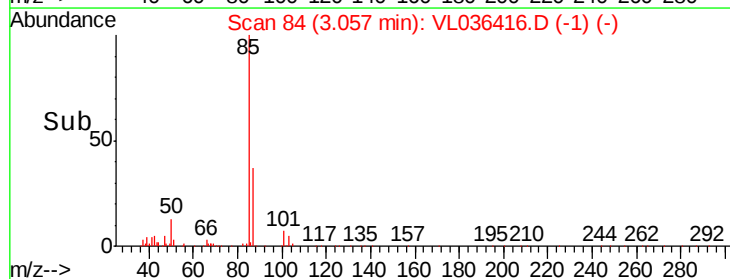
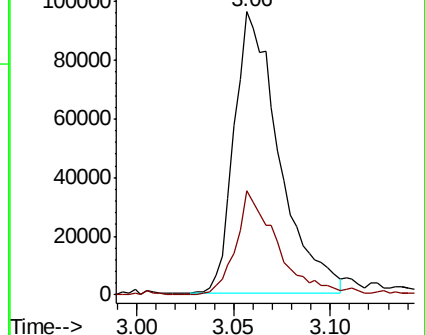
85 100

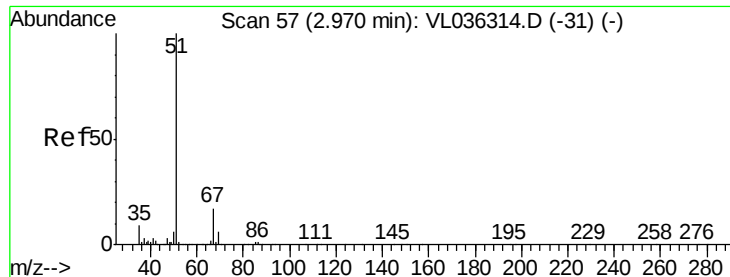
87 36.5 26.5 39.7



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.558 ppbv

RT: 3.00 min Scan# 66

Delta R.T. 0.03 min

Lab File: VL036416.D

Acq: 1 Mar 2021 15:53

Instrument :

MSVOA_L

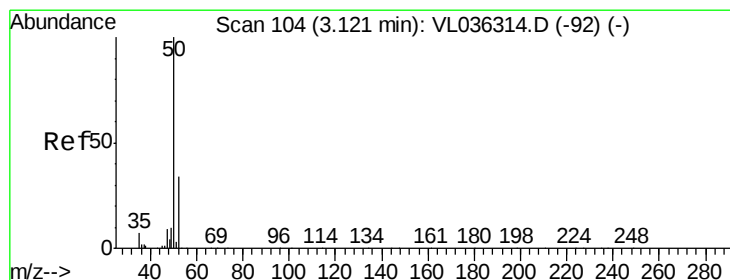
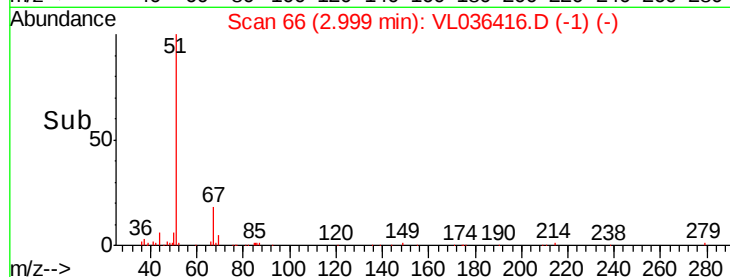
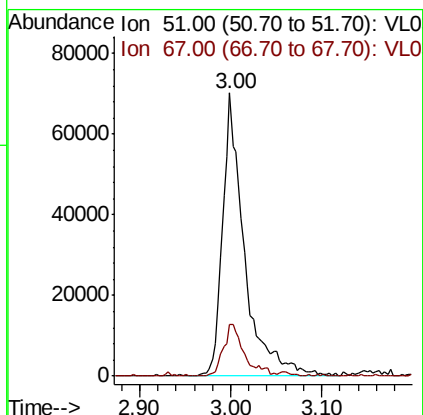
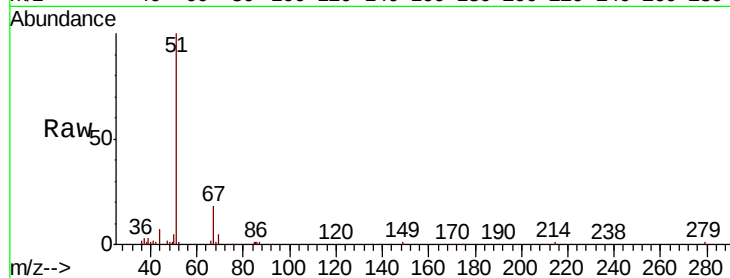
ClientSampleId :

Tot Ion: 51 Resp: 117293

Ion Ratio Lower Upper

51 100

67 18.6 14.7 22.1



#4

Chloromethane

Concen: 0.537 ppbv

RT: 3.16 min Scan# 115

Delta R.T. 0.04 min

Lab File: VL036416.D

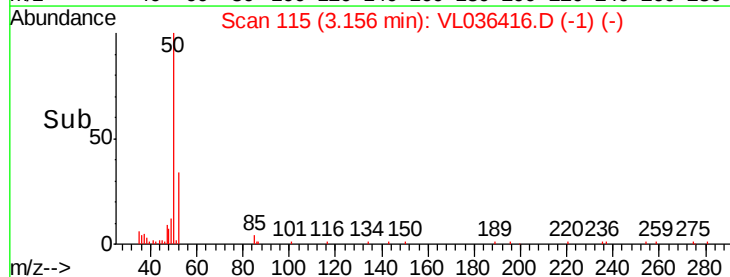
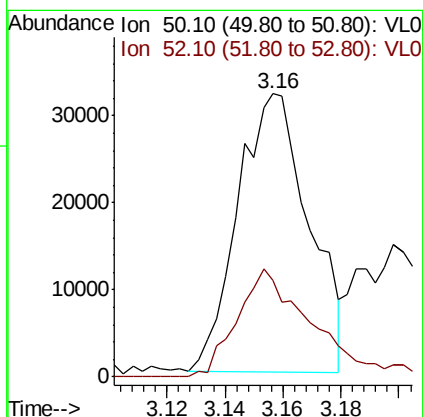
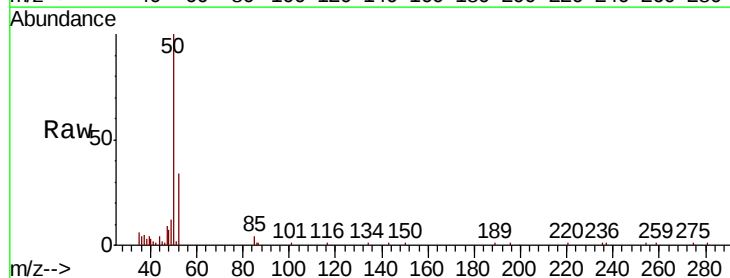
Acq: 1 Mar 2021 15:53

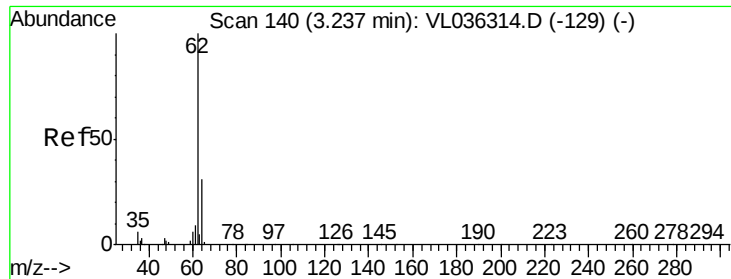
Tgt Ion: 50 Resp: 54502

Ion Ratio Lower Upper

50 100

52 35.2 27.0 40.4





#5

Vinyl Chloride

Concen: 0.467 ppbv

RT: 3.27 min Scan# 151

Delta R.T. 0.04 min

Lab File: VL036416.D

Acq: 1 Mar 2021 15:53

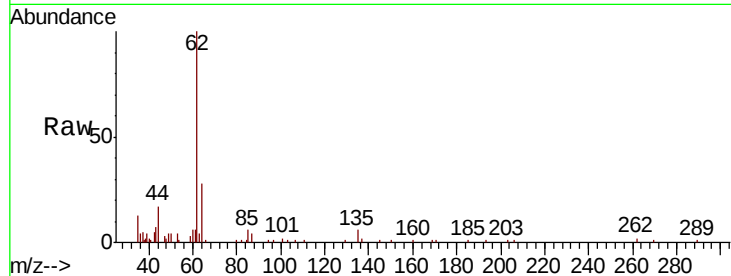
Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 62 Resp: 44123

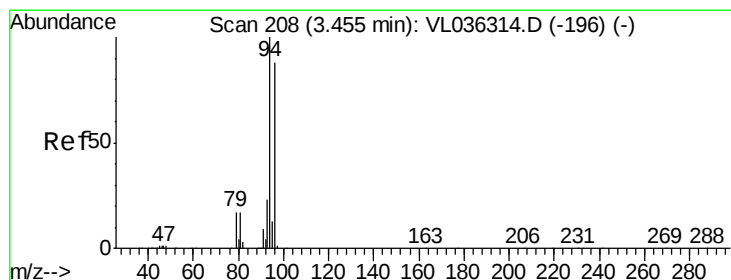
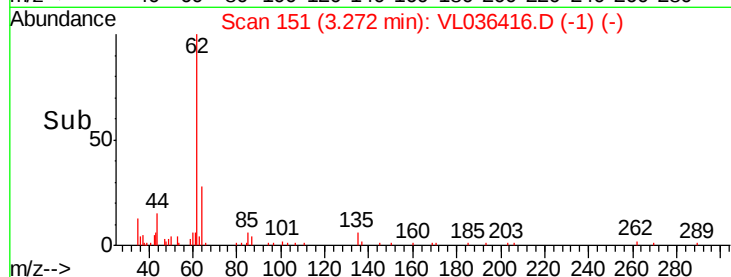
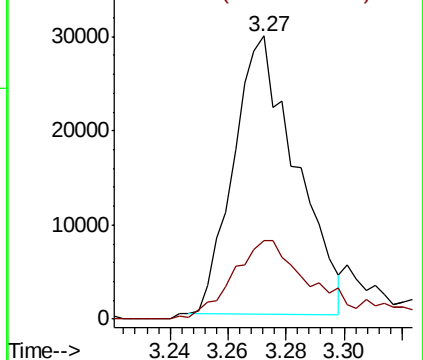
Ion Ratio Lower Upper

62 100

64 27.8 24.4 36.6



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



#6

Bromomethane

Concen: 0.266 ppbv

RT: 3.48 min Scan# 217

Delta R.T. 0.03 min

Lab File: VL036416.D

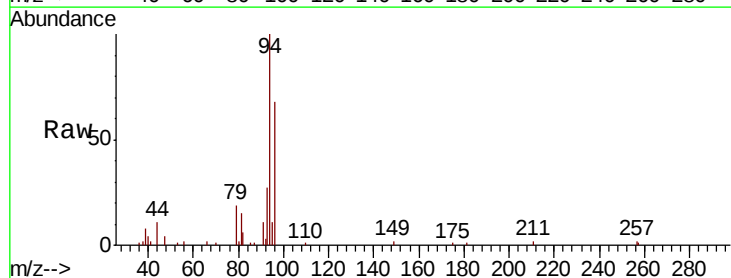
Acq: 1 Mar 2021 15:53

Tgt Ion: 94 Resp: 14926

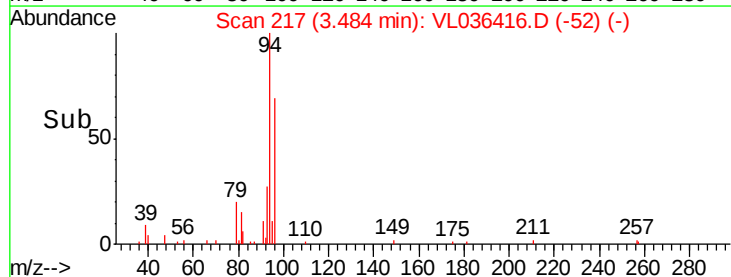
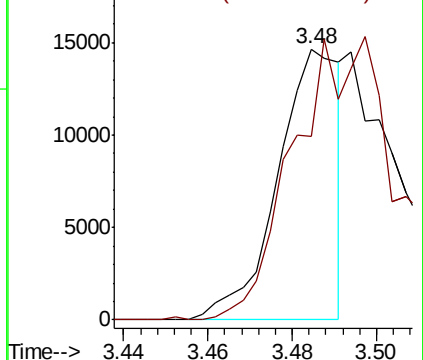
Ion Ratio Lower Upper

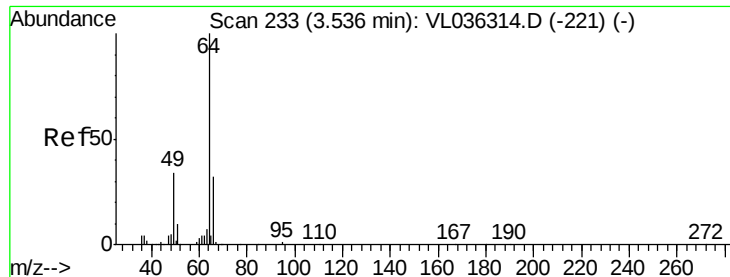
94 100

96 67.8 70.8 106.2#



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





#7

Chloroethane

Concen: 0.587 ppbv

RT: 3.57 min Scan# 244

Delta R.T. 0.04 min

Lab File: VL036416.D

Acq: 1 Mar 2021 15:53

Instrument :

MSVOA_L

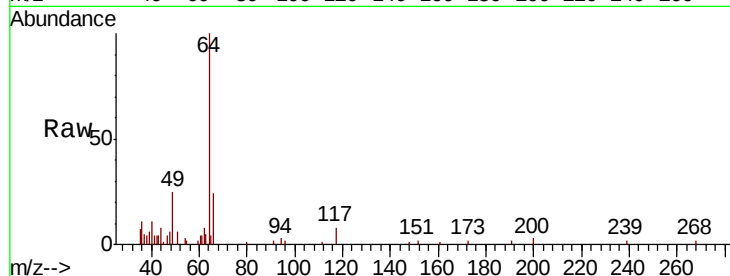
ClientSampled :

Tot Ion: 64 Resp: 19726

Ion Ratio Lower Upper

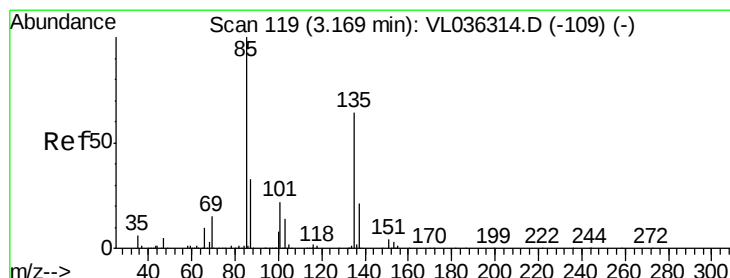
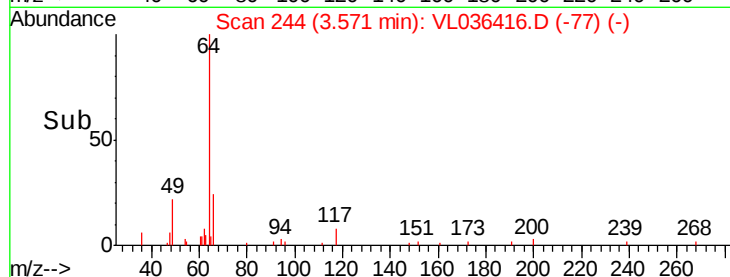
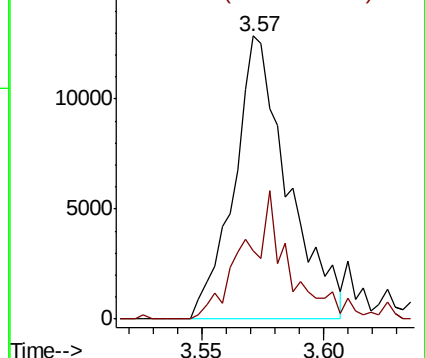
64 100

66 24.1 25.6 38.4#



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0



#8

Dichlorotetrafluoroethane

Concen: 0.571 ppbv

RT: 3.20 min Scan# 130

Delta R.T. 0.04 min

Lab File: VL036416.D

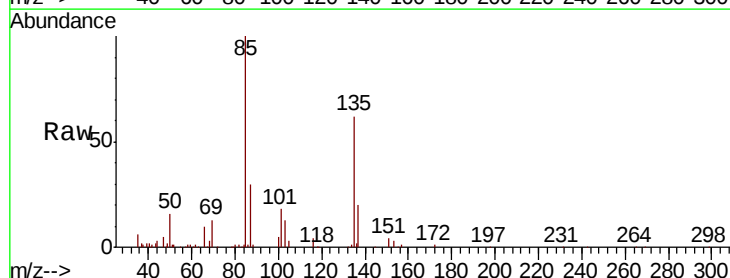
Acq: 1 Mar 2021 15:53

Tgt Ion: 85 Resp: 131101

Ion Ratio Lower Upper

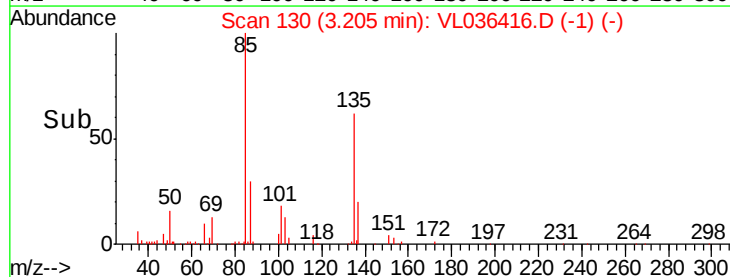
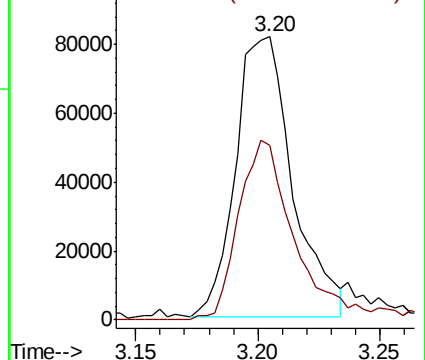
85 100

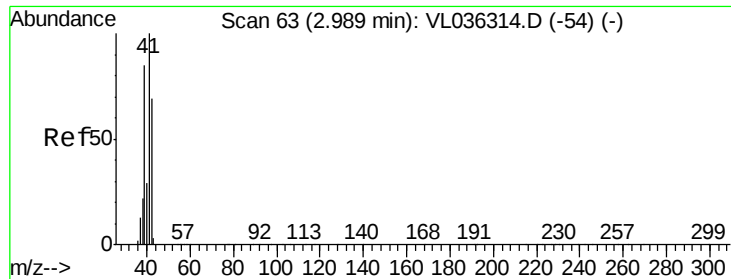
135 66.8 51.1 76.7



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V





#9

Propene

Concen: 0.415 ppbv

RT: 3.02 min Scan# 74

Delta R.T. 0.04 min

Lab File: VL036416.D

Acq: 1 Mar 2021 15:53

Instrument :

MSVOA_L

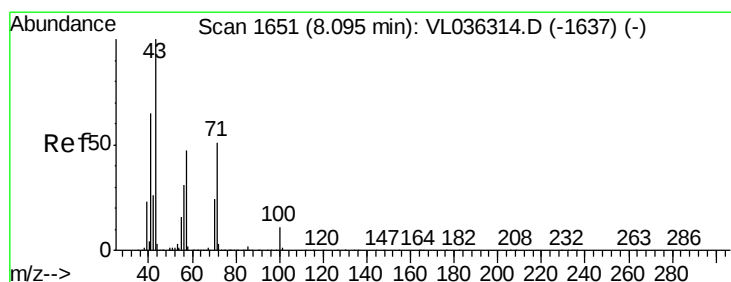
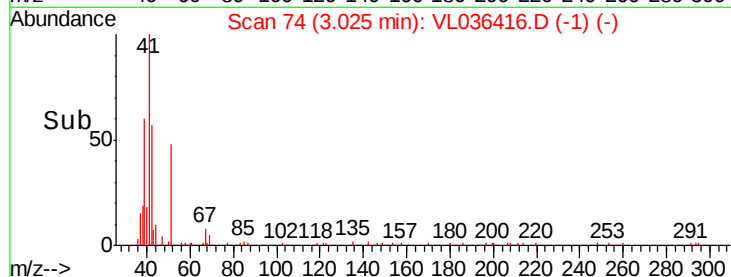
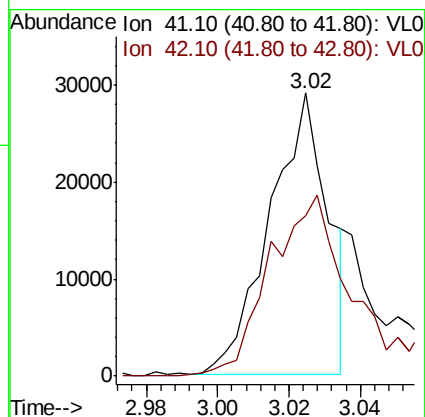
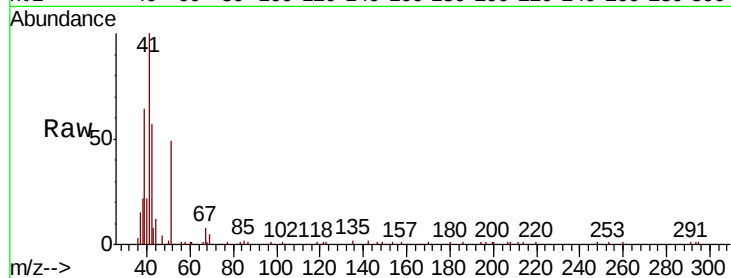
ClientSampleId :

Tot Ion: 41 Resp: 32542

Ion Ratio Lower Upper

41 100

42 103.2 56.2 84.2#



#10

Heptane

Concen: 0.436 ppbv

RT: 8.15 min Scan# 1667

Delta R.T. 0.05 min

Lab File: VL036416.D

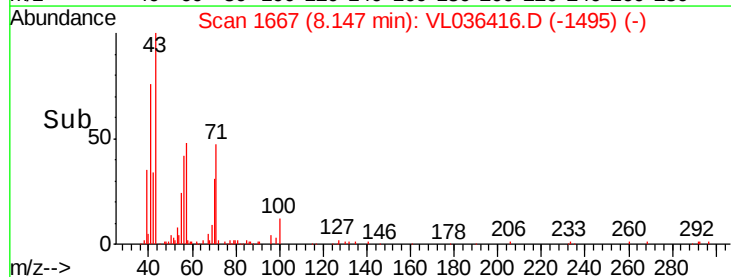
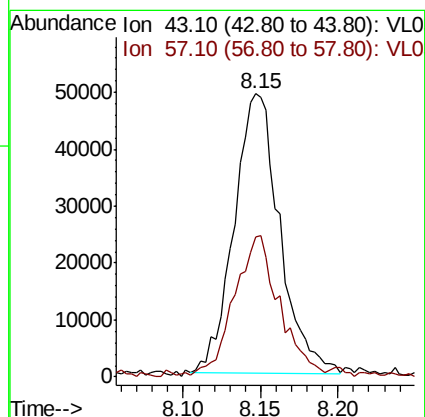
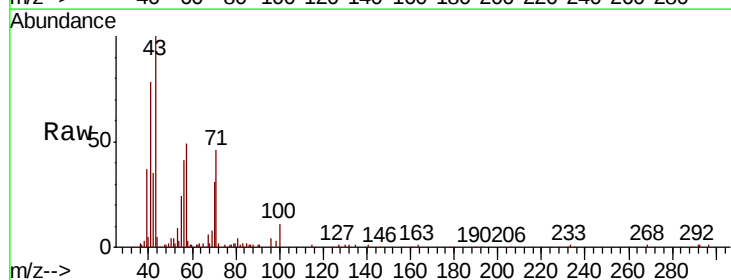
Acq: 1 Mar 2021 15:53

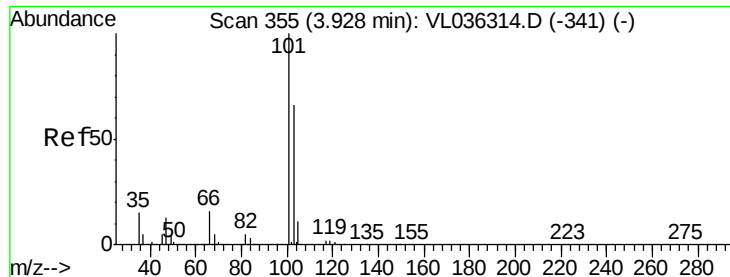
Tgt Ion: 43 Resp: 100614

Ion Ratio Lower Upper

43 100

57 53.6 39.4 59.2

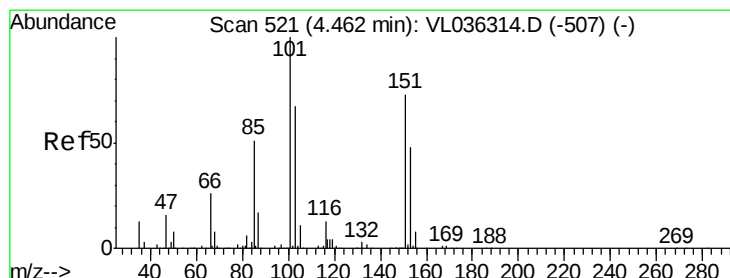
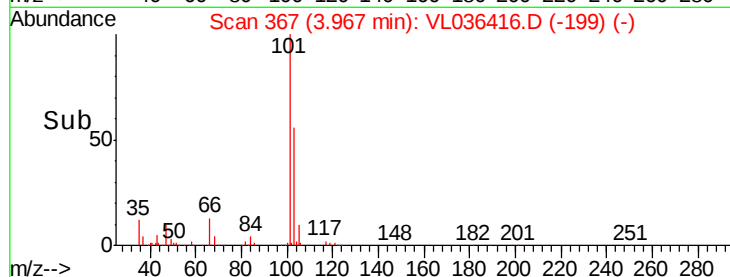
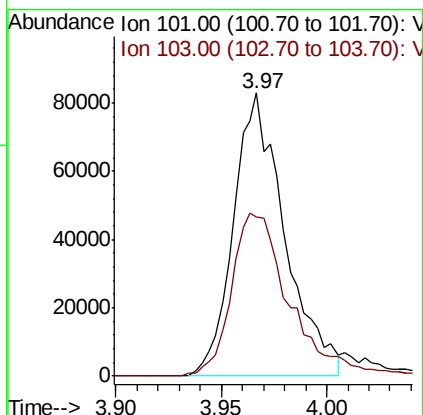
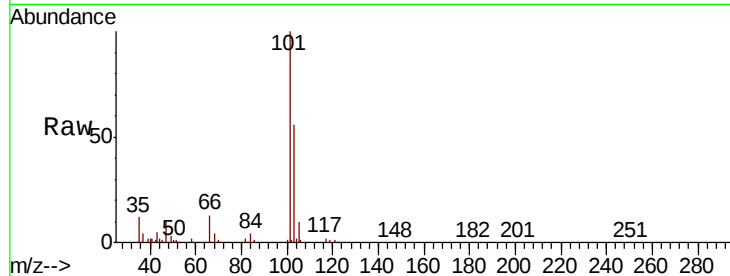




#11
 Trichlorofluoromethane
 Concen: 0.567 ppbv
 RT: 3.97 min Scan# 367
 Delta R.T. 0.04 min
 Lab File: VL036416.D
 Acq: 1 Mar 2021 15:53

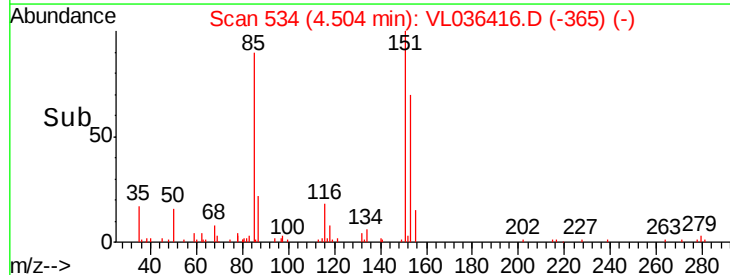
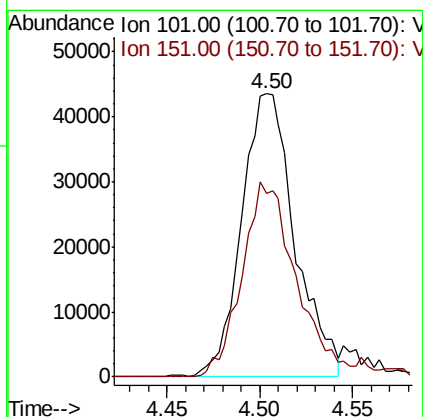
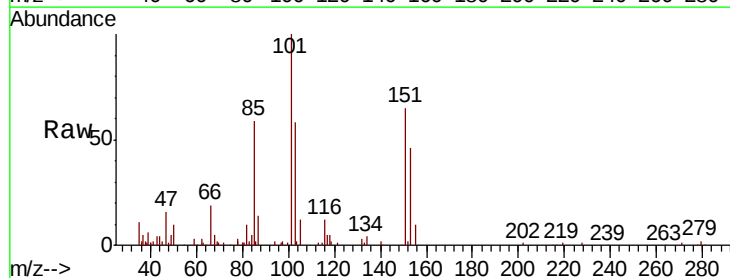
Instrument :
 MSVOA_L
 ClientSampleId :

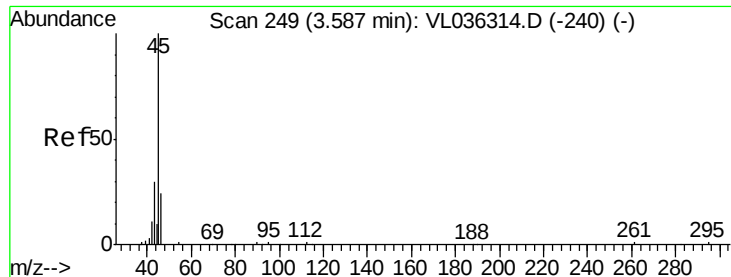
Tot Ion:101 Resp: 140094
 Ion Ratio Lower Upper
 101 100
 103 55.3 52.9 79.3



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.568 ppbv
 RT: 4.50 min Scan# 534
 Delta R.T. 0.04 min
 Lab File: VL036416.D
 Acq: 1 Mar 2021 15:53

Tgt Ion:101 Resp: 86931
 Ion Ratio Lower Upper
 101 100
 151 72.4 58.2 87.4





#13

Ethanol

Concen: 0.258 ppbv

RT: 3.63 min Scan# 262

Delta R.T. 0.04 min

Lab File: VL036416.D

Acq: 1 Mar 2021 15:53

Instrument :

MSVOA_L

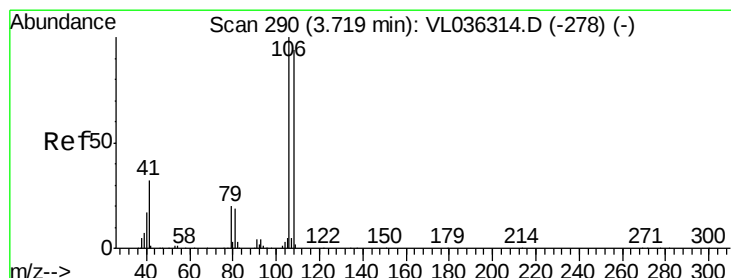
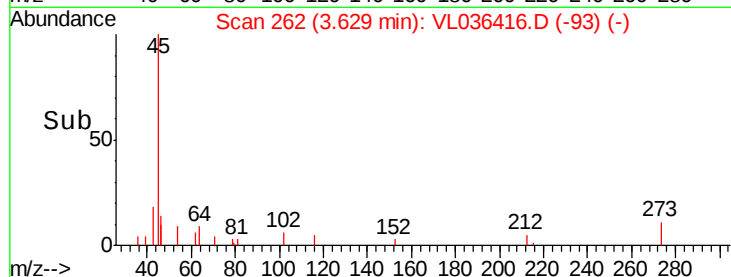
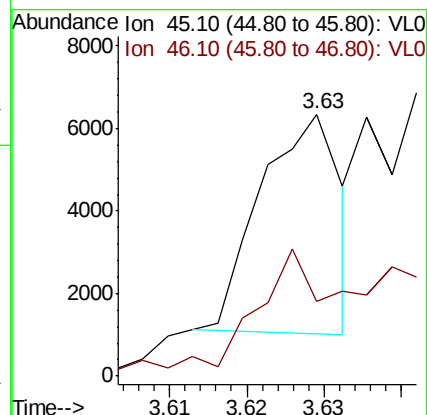
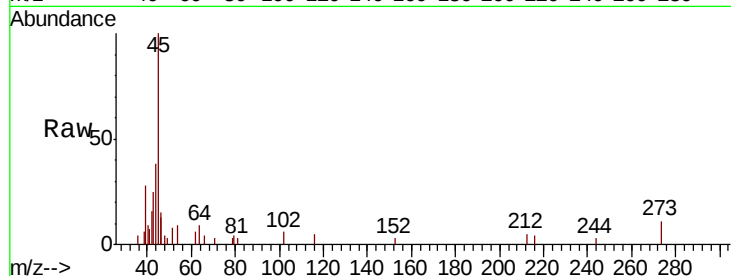
ClientSampleId :

Tot Ion: 45 Resp: 3803

Ion Ratio Lower Upper

45 100

46 181.9 17.7 70.7#



#14

Bromoethene

Concen: 0.419 ppbv

RT: 3.76 min Scan# 302

Delta R.T. 0.04 min

Lab File: VL036416.D

Acq: 1 Mar 2021 15:53

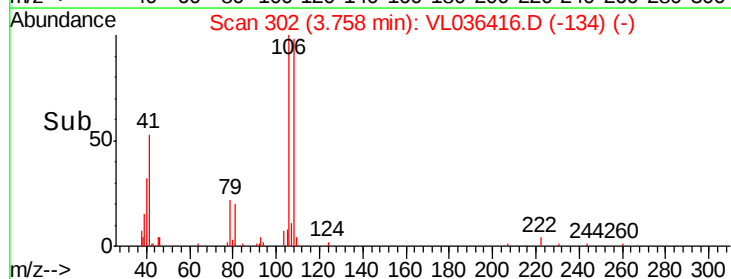
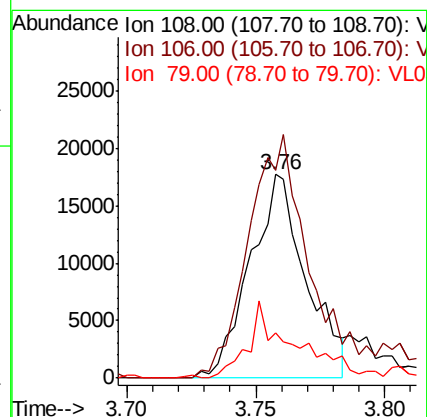
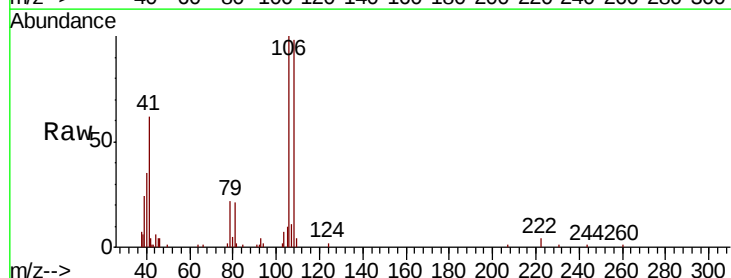
Tgt Ion: 108 Resp: 26892

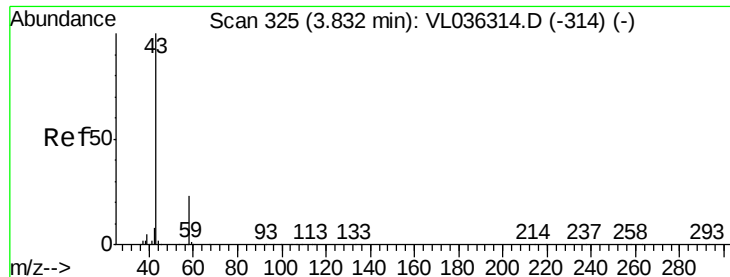
Ion Ratio Lower Upper

108 100

106 145.1 89.8 134.8#

79 34.3 17.1 25.7#





#15

Acetone

Concen: 0.426 ppbv

RT: 3.88 min Scan# 340

Delta R.T. 0.05 min

Lab File: VL036416.D

Acq: 1 Mar 2021 15:53

Instrument :

MSVOA_L

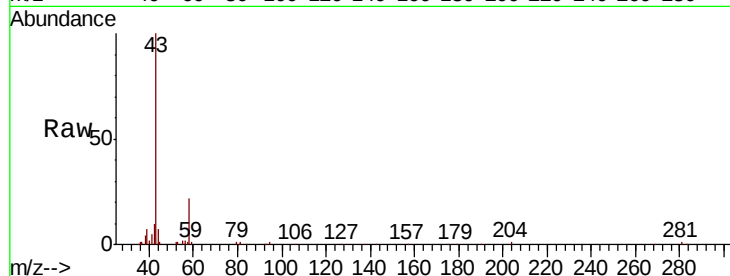
ClientSampleId :

Tot Ion: 43 Resp: 88019

Ion Ratio Lower Upper

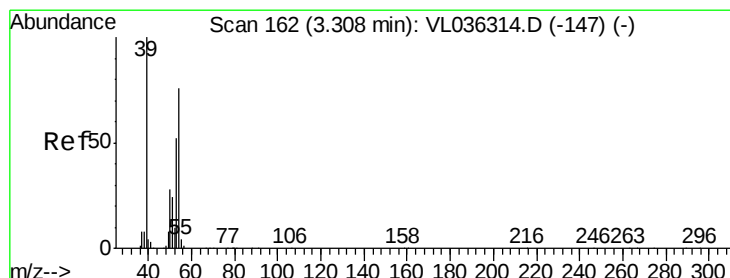
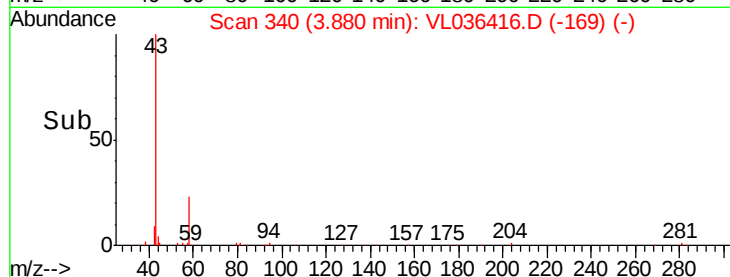
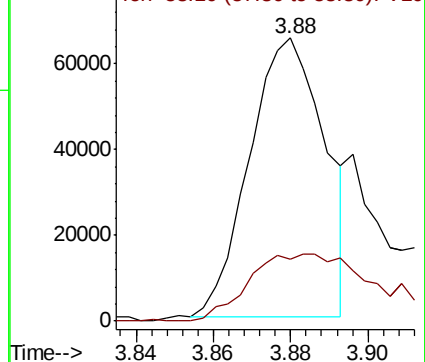
43 100

58 49.0 20.3 30.5#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#16

1,3-Butadiene

Concen: 0.064 ppbv

RT: 3.32 min Scan# 167

Delta R.T. 0.02 min

Lab File: VL036416.D

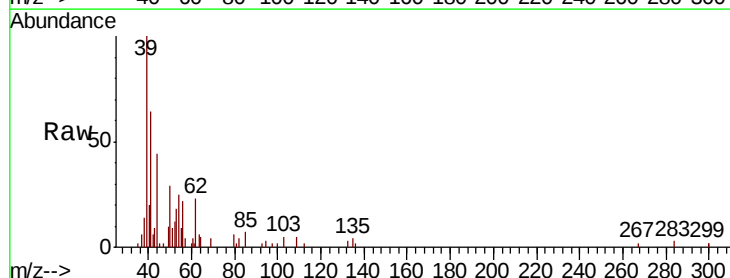
Acq: 1 Mar 2021 15:53

Tgt Ion: 39 Resp: 6348

Ion Ratio Lower Upper

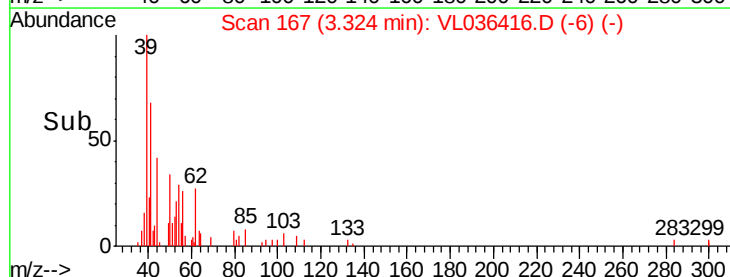
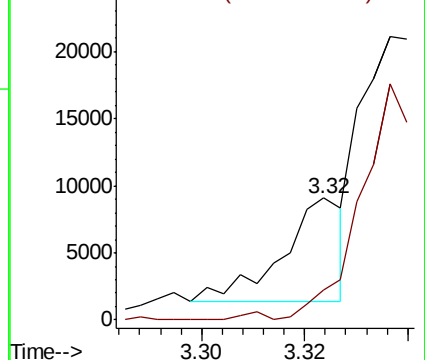
39 100

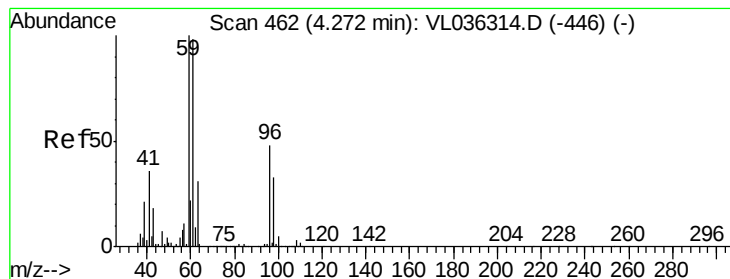
54 0.0 64.4 96.6#



Abundance Ion 39.10 (38.80 to 39.80): VL0

Ion 54.10 (53.80 to 54.80): VL0



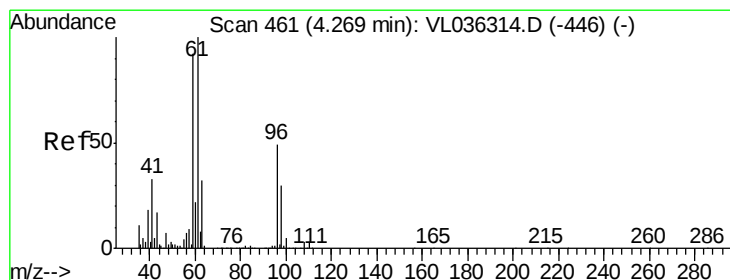
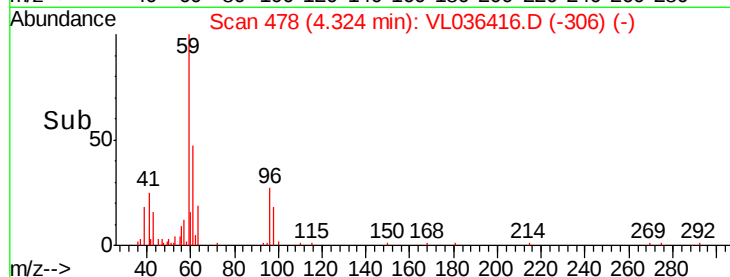
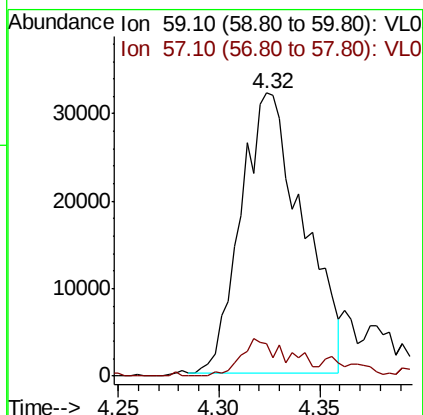
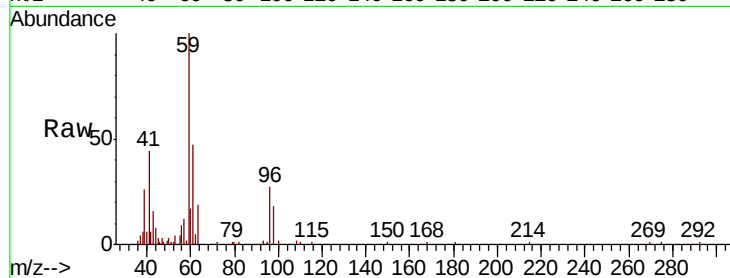


#17

tert-Butyl alcohol
Concen: 0.429 ppbv
RT: 4.32 min Scan# 478
Delta R.T. 0.05 min
Lab File: VL036416.D
Acq: 1 Mar 2021 15:53

Instrument :
MSVOA_L
ClientSampleId :

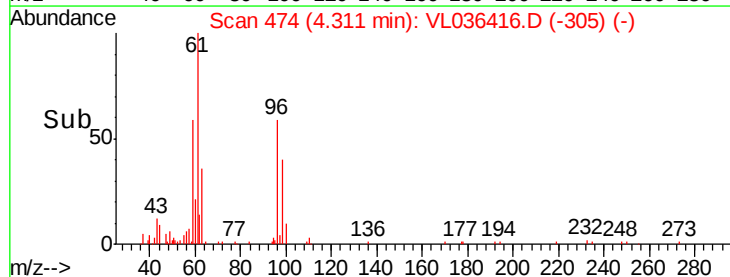
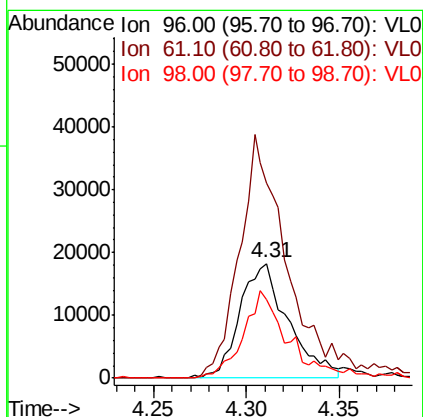
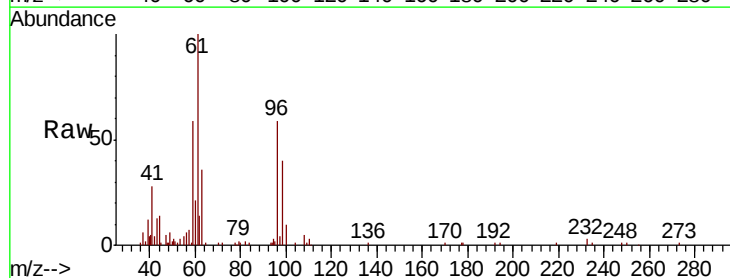
Tot Ion: 59 Resp: 68859
Ion Ratio Lower Upper
59 100
57 14.6 9.0 13.4#

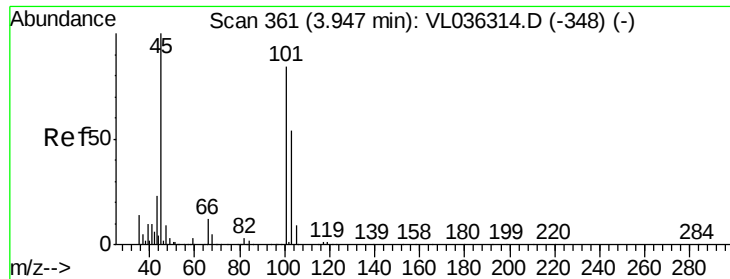


#18

1,1-Dichloroethene
Concen: 0.476 ppbv
RT: 4.31 min Scan# 474
Delta R.T. 0.04 min
Lab File: VL036416.D
Acq: 1 Mar 2021 15:53

Tgt Ion: 96 Resp: 33137
Ion Ratio Lower Upper
96 100
61 170.8 162.5 243.7
98 68.4 48.5 72.7





#19

Isopropyl Alcohol

Concen: 0.415 ppbv

RT: 4.00 min Scan# 376

Delta R.T. 0.05 min

Lab File: VL036416.D

Acq: 1 Mar 2021 15:53

Instrument :

MSVOA_L

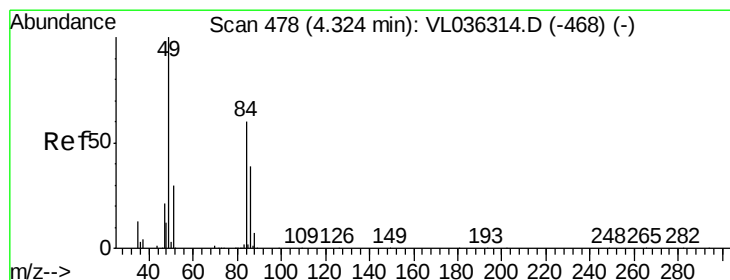
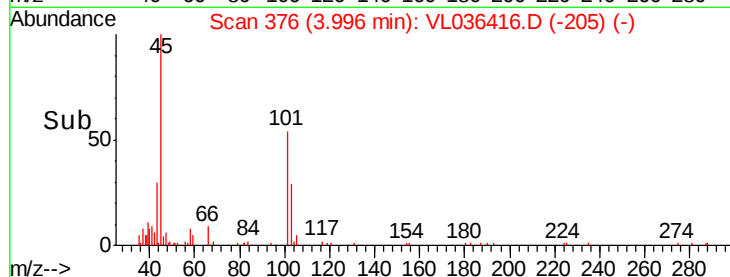
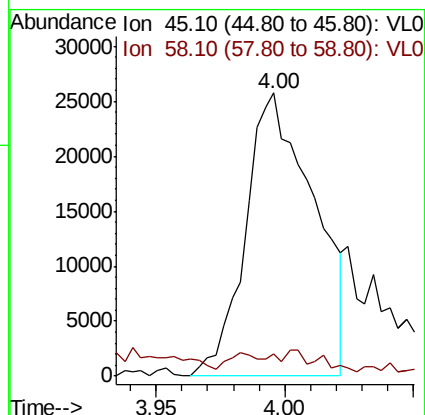
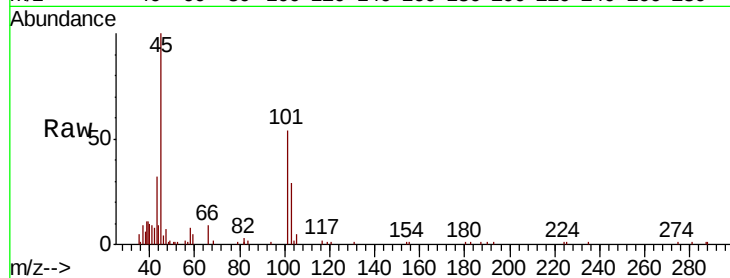
ClientSampled :

Tot Ion: 45 Resp: 47588

Ion Ratio Lower Upper

45 100

58 13.1 1.9 2.9#



#20

Methylene Chloride

Concen: 0.312 ppbv

RT: 4.37 min Scan# 491

Delta R.T. 0.04 min

Lab File: VL036416.D

Acq: 1 Mar 2021 15:53

Tgt Ion: 84 Resp: 20794

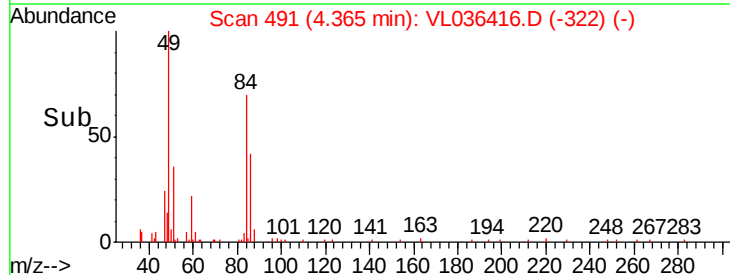
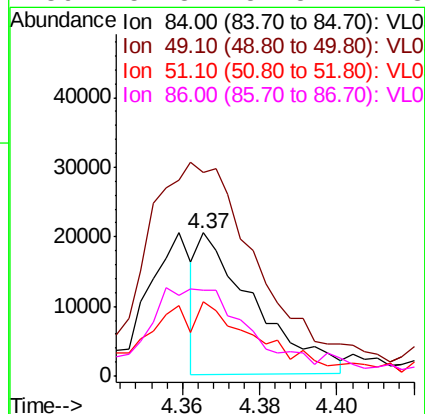
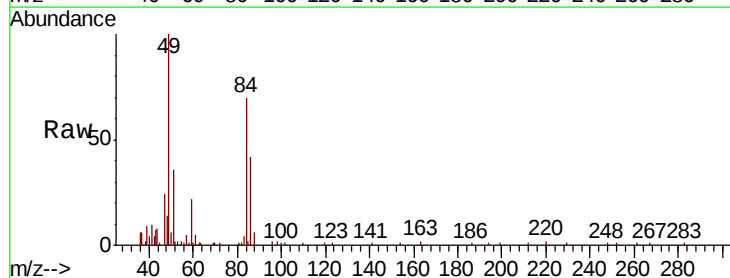
Ion Ratio Lower Upper

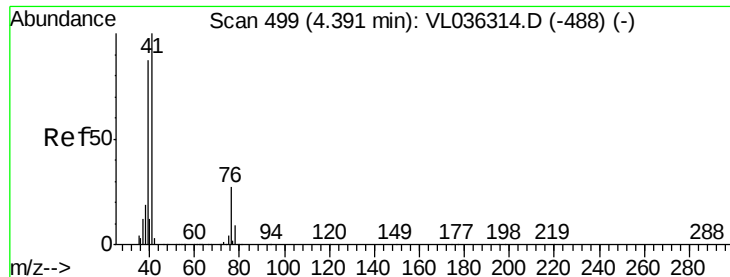
84 100

49 133.9 133.8 200.8

51 48.2 41.4 62.0

86 52.8 51.5 77.3

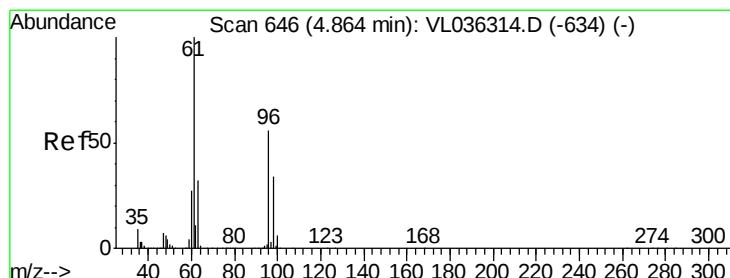
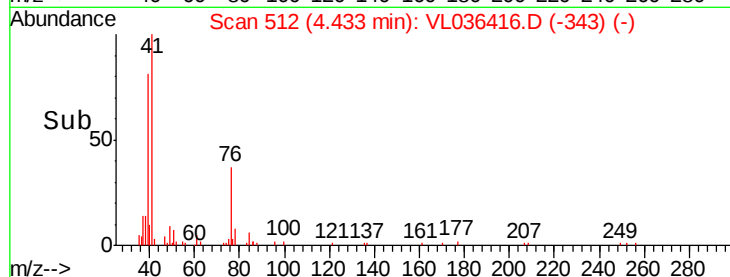
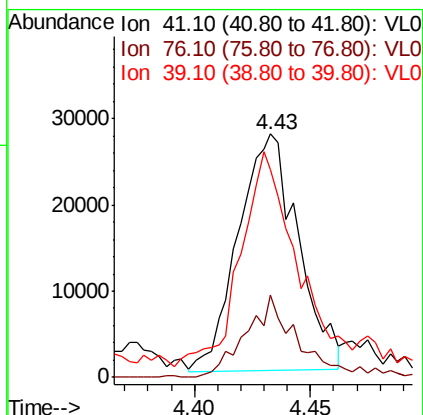
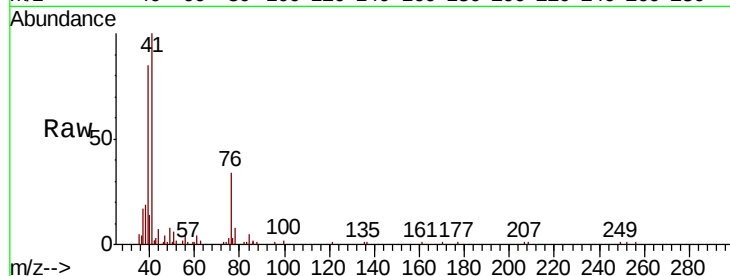




#21
Allvl Chloride
Concen: 0.430 ppbv
RT: 4.43 min Scan# 512
Delta R.T. 0.04 min
Lab File: VL036416.D
Acq: 1 Mar 2021 15:53

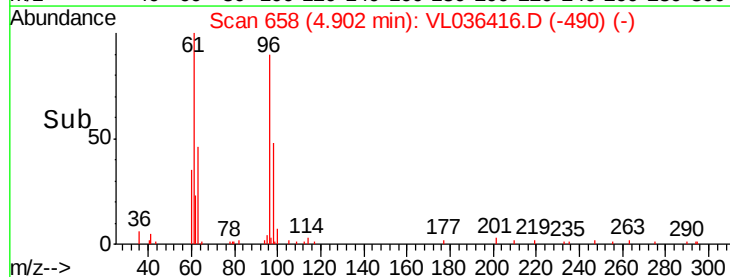
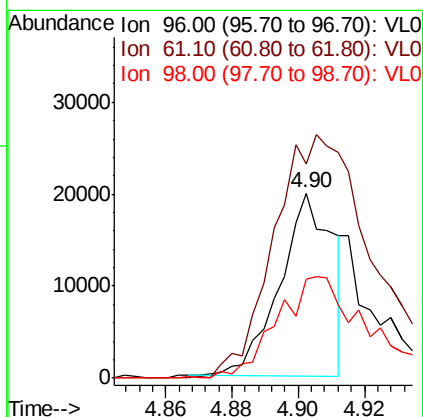
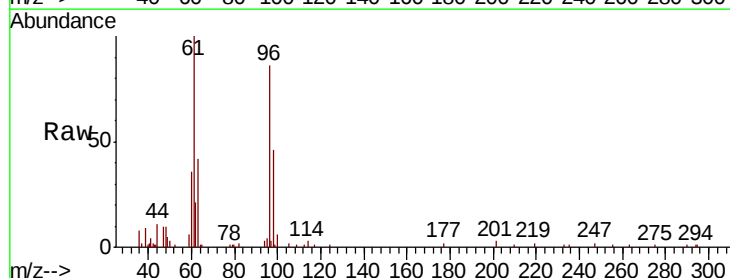
Instrument :
MSVOA_L
ClientSampleId :

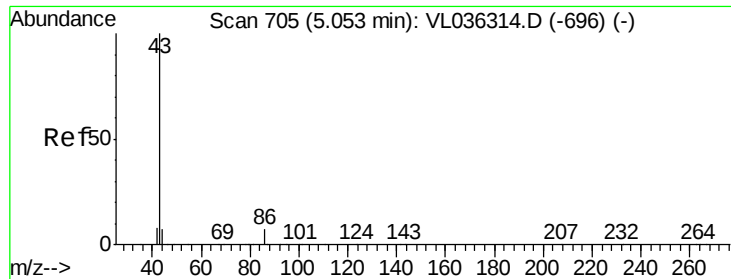
Tot Ion: 41 Resp: 49543
Ion Ratio Lower Upper
41 100
76 31.5 22.0 33.0
39 100.8 70.2 105.2



#22
trans-1,2-Dichloroethene
Concen: 0.348 ppbv
RT: 4.90 min Scan# 658
Delta R.T. 0.04 min
Lab File: VL036416.D
Acq: 1 Mar 2021 15:53

Tgt Ion: 96 Resp: 22026
Ion Ratio Lower Upper
96 100
61 117.8 143.7 215.5#
98 53.1 48.5 72.7





#23

Vinyl Acetate

Concen: 0.422 ppbv

RT: 5.10 min Scan# 718

Delta R.T. 0.04 min

Lab File: VL036416.D

Acq: 1 Mar 2021 15:53

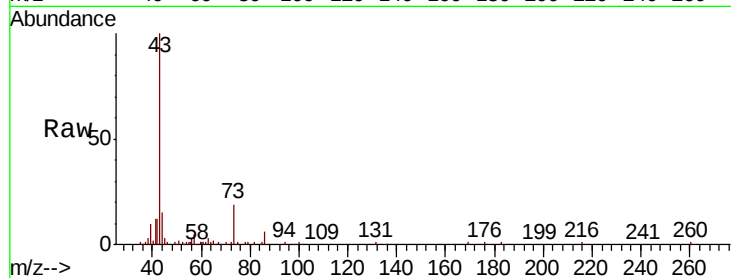
Instrument :

MSVOA_L

ClientSampleId :

Tot Ion: 43 Resp: 102610

Ion	Ratio	Lower	Upper
43	100		
86	6.4	4.8	7.2
42	11.6	7.4	11.0#
44	10.8	4.8	7.2#

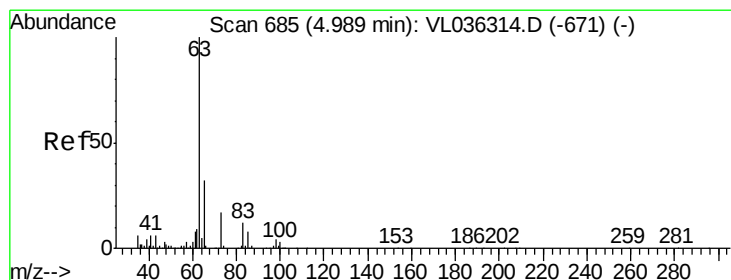
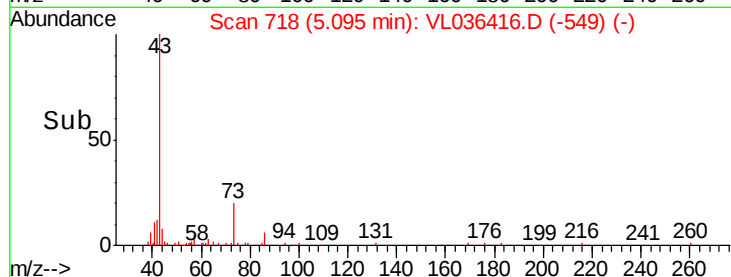
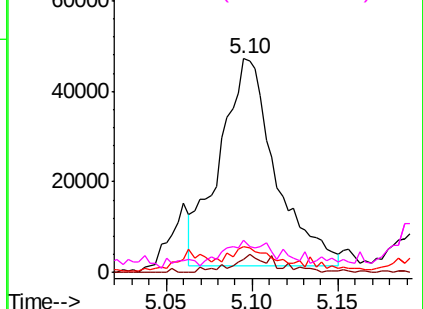


Abundance Ion 43.10 (42.80 to 43.80): VL0

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: 0.557 ppbv

RT: 5.02 min Scan# 696

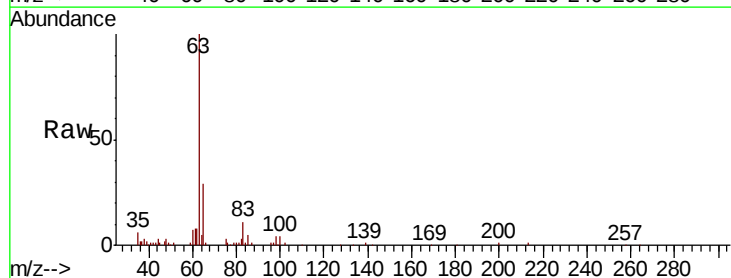
Delta R.T. 0.04 min

Lab File: VL036416.D

Acq: 1 Mar 2021 15:53

Tgt Ion: 63 Resp: 100209

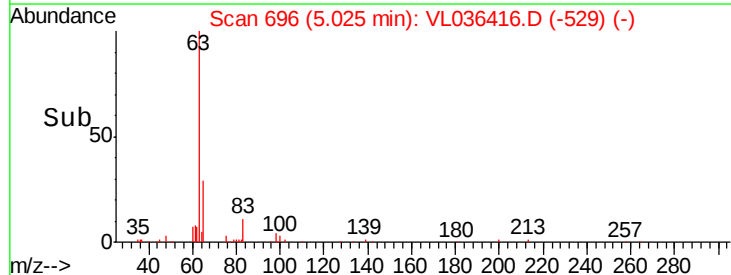
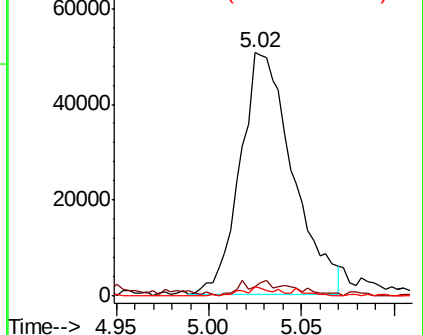
Ion	Ratio	Lower	Upper
63	100		
98	2.5	2.0	6.0
100	3.9	1.5	4.4

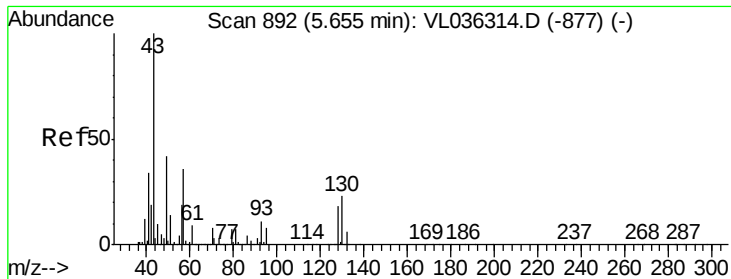


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

Ion 100.00 (99.70 to 100.70): VL0

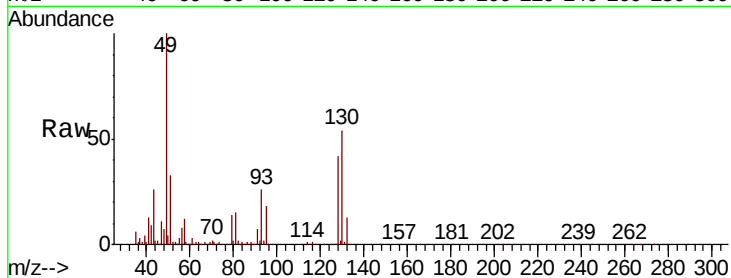




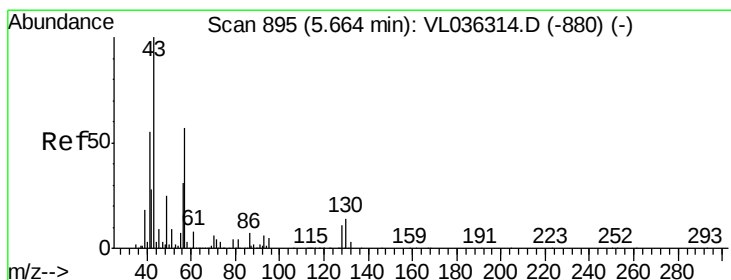
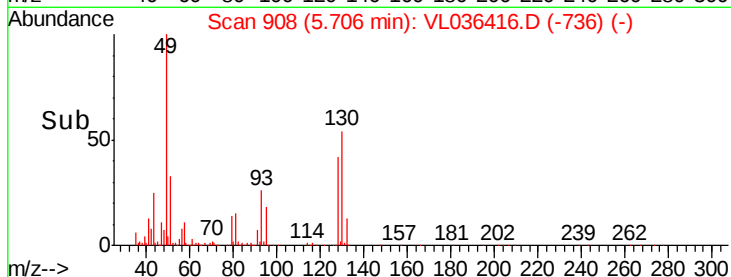
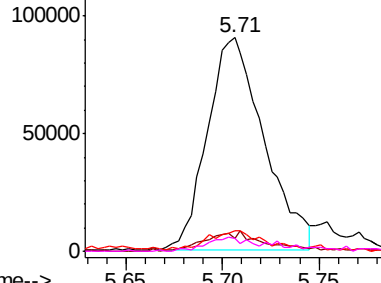
#25
Ethyl Acetate
Concen: 0.462 ppbv
RT: 5.71 min Scan# 908
Delta R.T. 0.05 min
Lab File: VL036416.D
Acq: 1 Mar 2021 15:53

Instrument :
MSVOA_L
ClientSampled :

Tot Ion:	43	Resp:	184340
Ion	Ratio	Lower	Upper
43	100		
45	10.7	8.3	12.5
61	11.9	7.3	10.9#
70	7.7	5.4	8.0

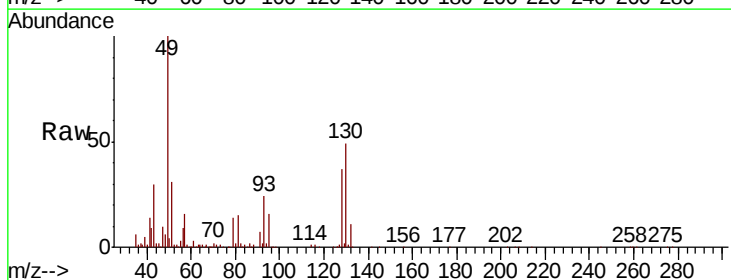


Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 45.10 (44.80 to 45.80): VL0
Ion 61.10 (60.80 to 61.80): VL0
Ion 70.10 (69.80 to 70.80): VL0

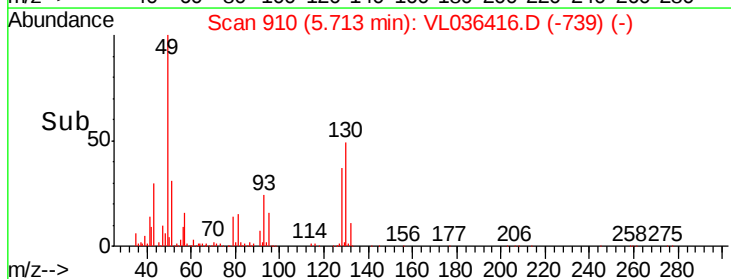
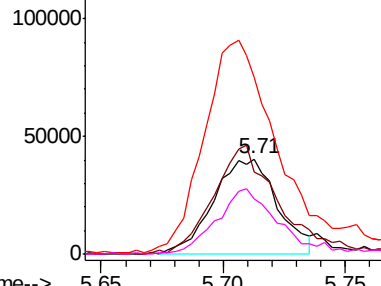


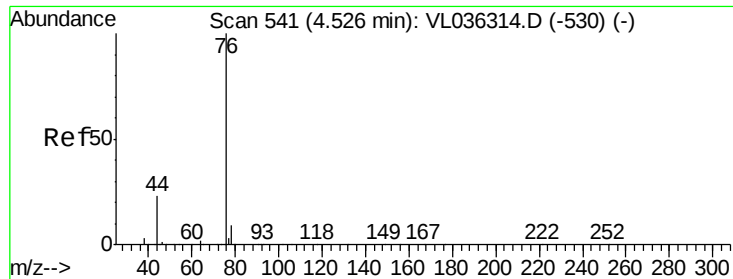
#26
Hexane
Concen: 0.442 ppbv
RT: 5.71 min Scan# 910
Delta R.T. 0.05 min
Lab File: VL036416.D
Acq: 1 Mar 2021 15:53

Tgt Ion:	57	Resp:	72539
Ion	Ratio	Lower	Upper
57	100		
41	125.9	81.7	122.5#
43	292.9	199.1	298.7
56	70.6	44.0	66.0#



Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 43.10 (42.80 to 43.80): VL0
Ion 56.10 (55.80 to 56.80): VL0





#27

Carbon Disulfide

Concen: 0.468 ppbv

RT: 4.57 min Scan# 554

Delta R.T. 0.04 min

Lab File: VL036416.D

Acq: 1 Mar 2021 15:53

Instrument :

MSVOA_L

ClientSampleId :

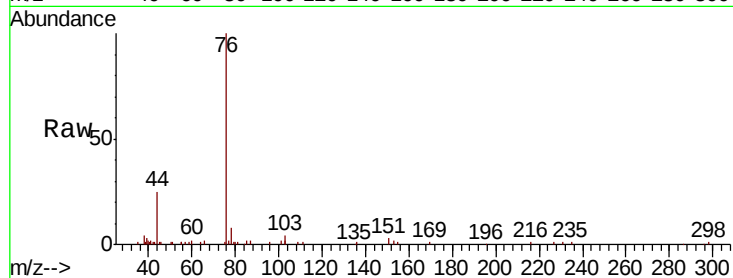
Tot Ion: 76 Resp: 70521

Ion Ratio Lower Upper

76 100

44 26.1 18.4 27.6

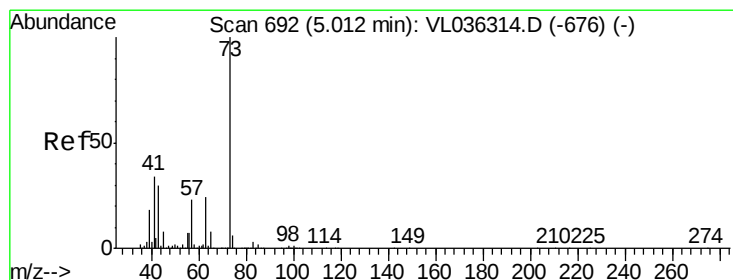
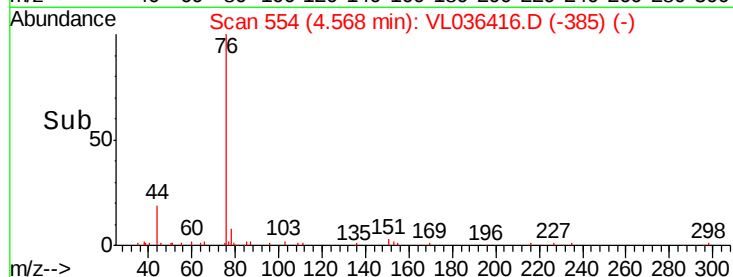
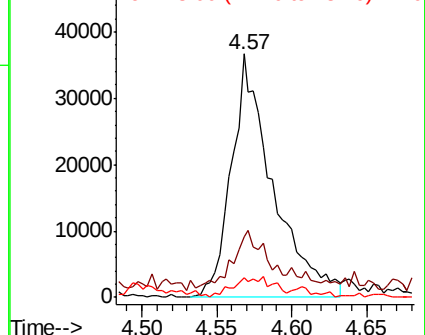
78 11.2 8.0 12.0



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: 0.450 ppbv

RT: 5.07 min Scan# 709

Delta R.T. 0.05 min

Lab File: VL036416.D

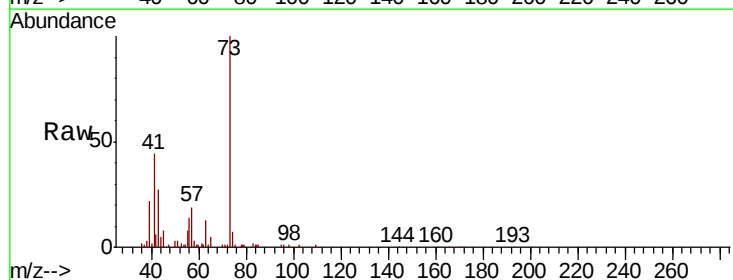
Acq: 1 Mar 2021 15:53

Tgt Ion: 73 Resp: 96441

Ion Ratio Lower Upper

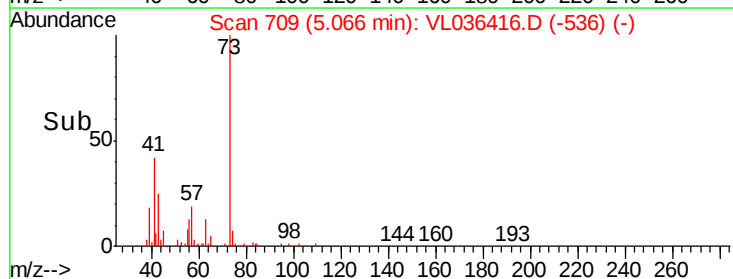
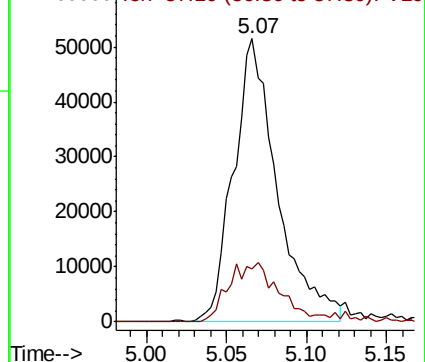
73 100

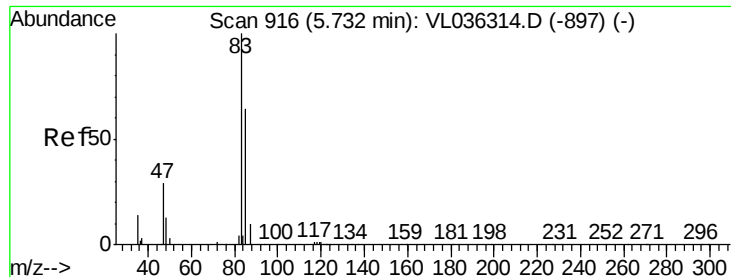
57 25.8 19.2 28.8



Abundance Ion 73.10 (72.80 to 73.80): VL0

Ion 57.10 (56.80 to 57.80): VL0





#29

Chloroform

Concen: 0.333 ppbv

RT: 5.77 min Scan# 929

Delta R.T. 0.04 min

Lab File: VL036416.D

Acq: 1 Mar 2021 15:53

Instrument :

MSVOA_L

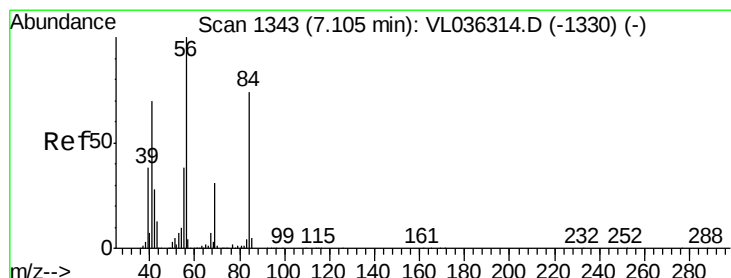
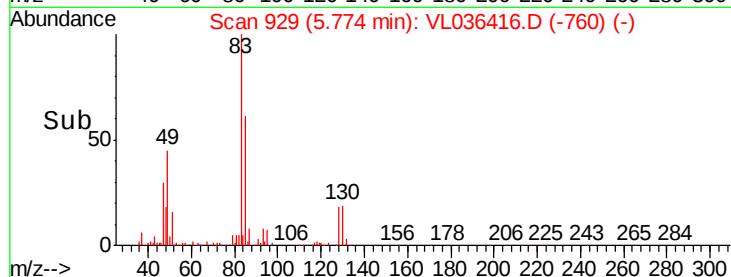
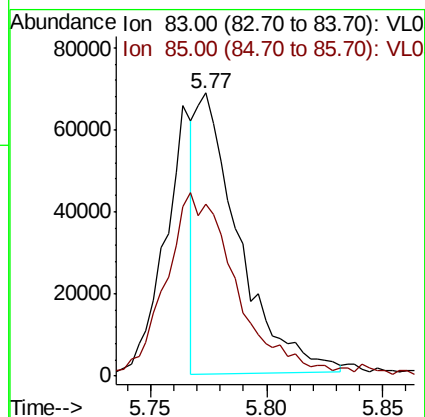
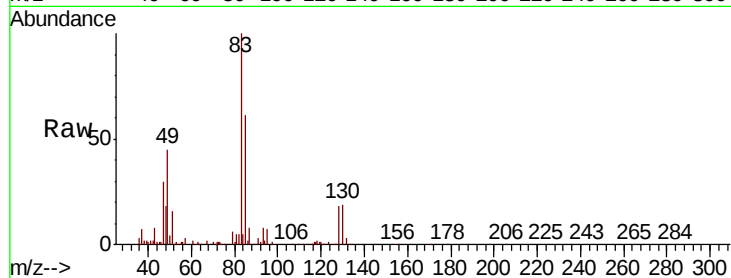
ClientSampleId :

Tot Ion: 83 Resp: 87994

Ion Ratio Lower Upper

83 100

85 59.9 51.4 77.2



#30

Cyclohexane

Concen: 0.114 ppbv

RT: 7.16 min Scan# 1360

Delta R.T. 0.05 min

Lab File: VL036416.D

Acq: 1 Mar 2021 15:53

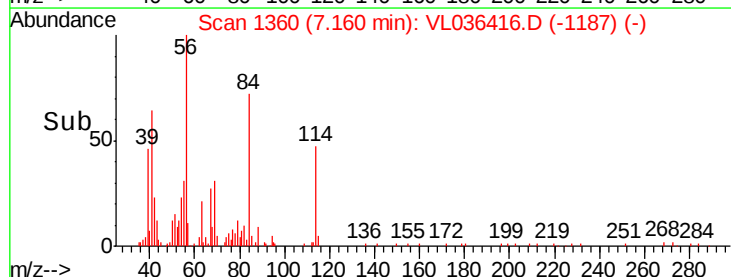
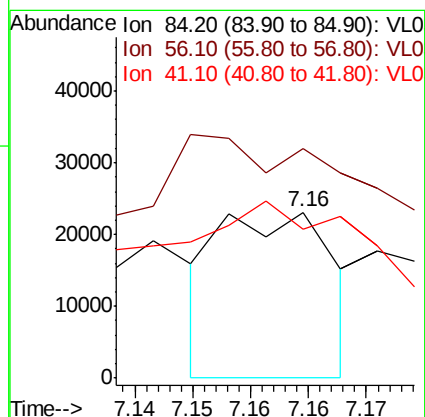
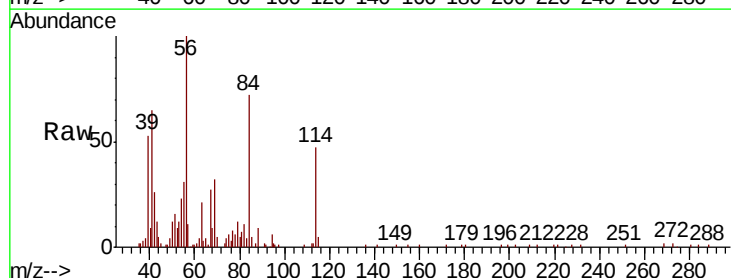
Tgt Ion: 84 Resp: 15603

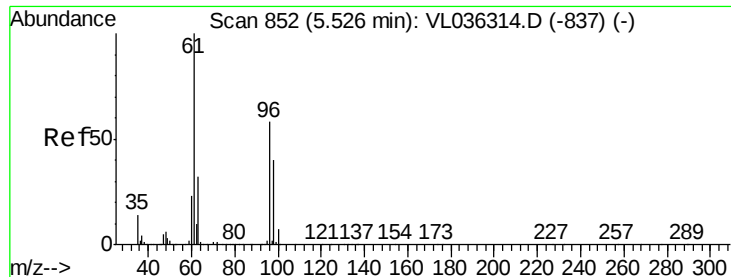
Ion Ratio Lower Upper

84 100

56 0.0 120.2 180.4#

41 380.7 79.7 119.5#



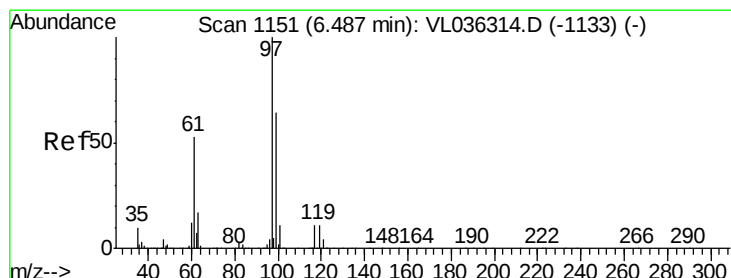
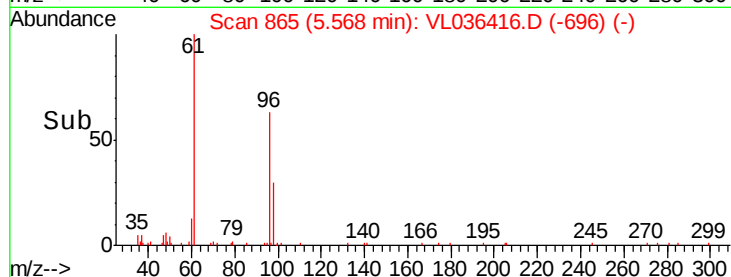
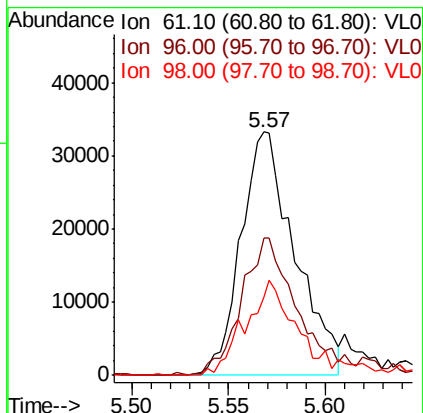
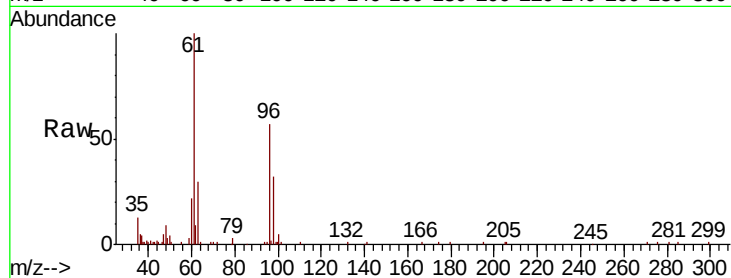


#31

cis-1,2-Dichloroethene
 Concen: 0.398 ppbv
 RT: 5.57 min Scan# 865
 Delta R.T. 0.04 min
 Lab File: VL036416.D
 Acq: 1 Mar 2021 15:53

Instrument :
 MSVOA_L
 ClientSampled :

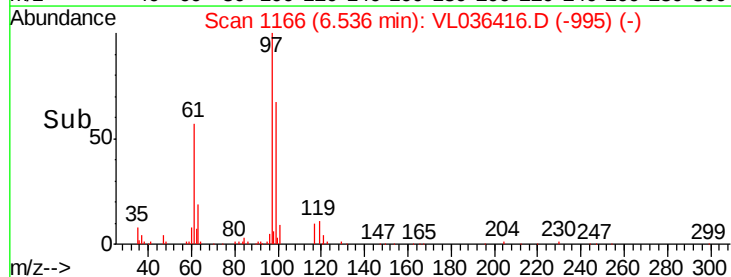
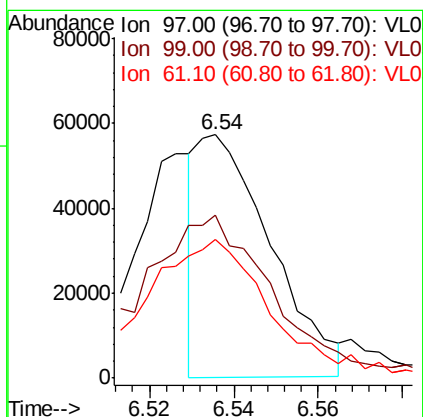
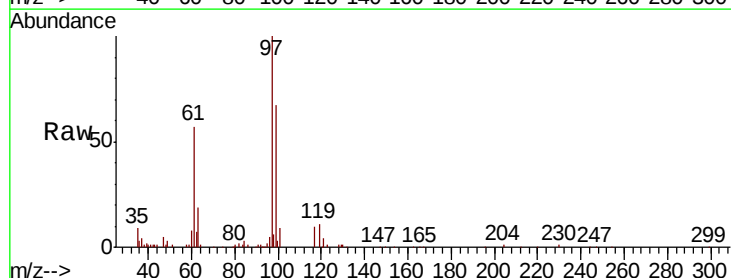
Tot Ion:	61	Resp:	64586
Ion	Ratio	Lower	Upper
61	100		
96	56.5	46.0	69.0
98	32.3	31.9	47.9

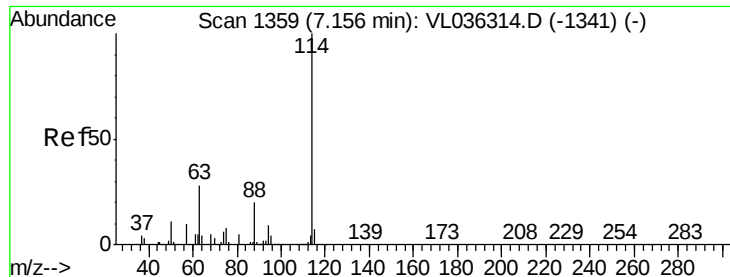


#32

1,1,1-Trichloroethane
 Concen: 0.278 ppbv
 RT: 6.54 min Scan# 1166
 Delta R.T. 0.05 min
 Lab File: VL036416.D
 Acq: 1 Mar 2021 15:53

Tgt Ion:	97	Resp:	68656
Ion	Ratio	Lower	Upper
97	100		
99	122.1	52.2	78.4#
61	102.6	43.3	64.9#

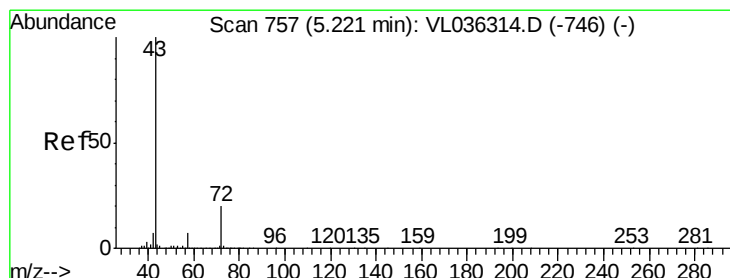
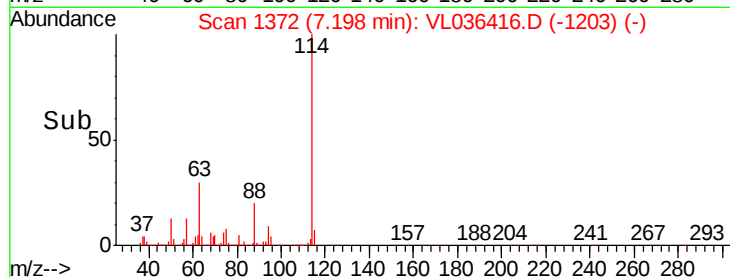
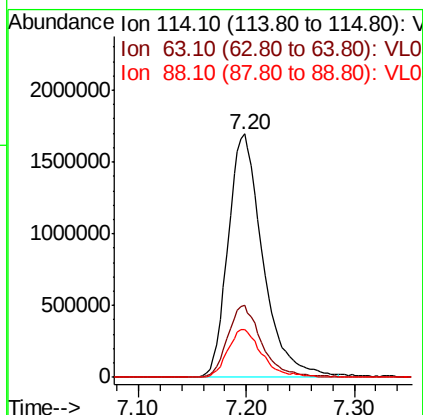
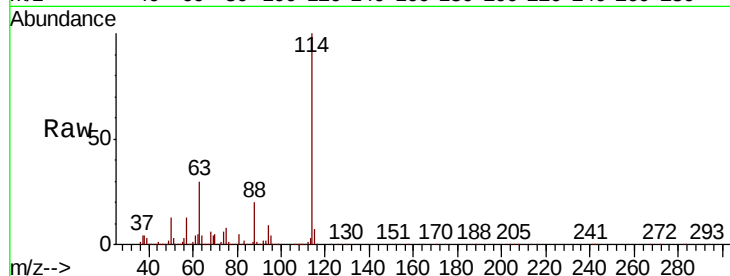




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.20 min Scan# 1372
 Delta R.T. 0.04 min
 Lab File: VL036416.D
 Acq: 1 Mar 2021 15:53

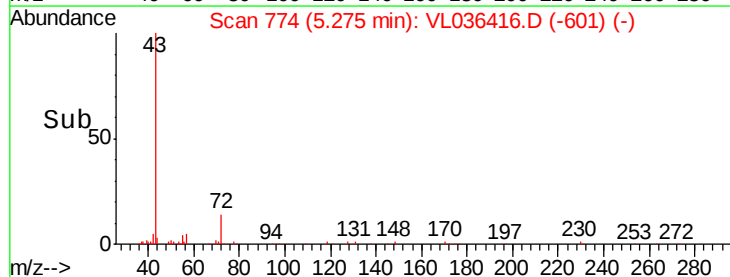
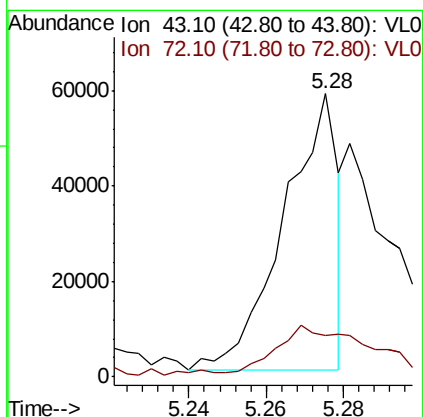
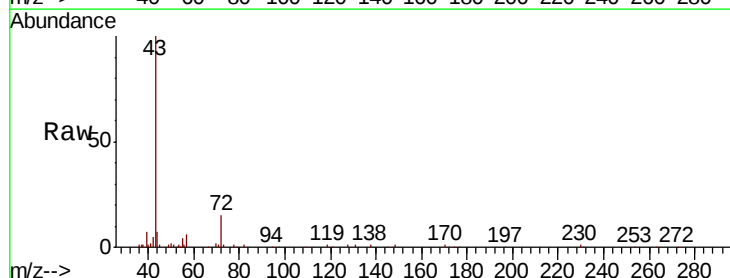
Instrument :
 MSVOA_L
 ClientSampleId :

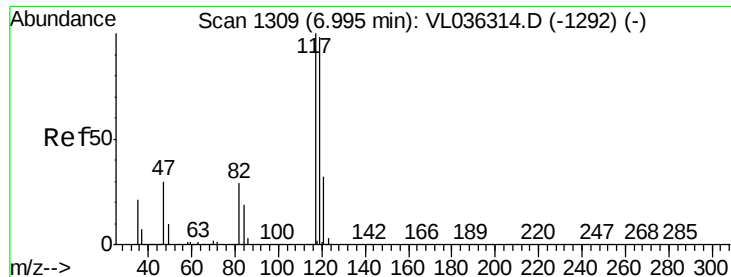
Tot Ion:114 Resp: 3818497
 Ion Ratio Lower Upper
 114 100
 63 29.3 24.1 36.1
 88 19.6 16.0 24.0



#34
 2-Butanone
 Concen: 0.221 ppbv
 RT: 5.28 min Scan# 774
 Delta R.T. 0.05 min
 Lab File: VL036416.D
 Acq: 1 Mar 2021 15:53

Tgt Ion: 43 Resp: 56120
 Ion Ratio Lower Upper
 43 100
 72 39.5 16.7 25.1#





#35

Carbon Tetrachloride

Concen: 0.496 ppbv

RT: 7.04 min Scan# 1322

Delta R.T. 0.04 min

Lab File: VL036416.D

Acq: 1 Mar 2021 15:53

Instrument :

MSVOA_L

ClientSampleId :

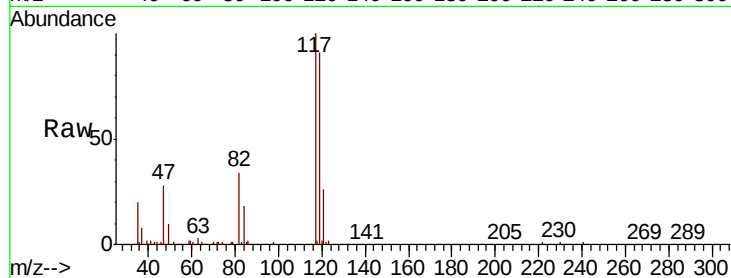
Tot Ion:117 Resp: 127004

Ion Ratio Lower Upper

117 100

119 90.8 78.1 117.1

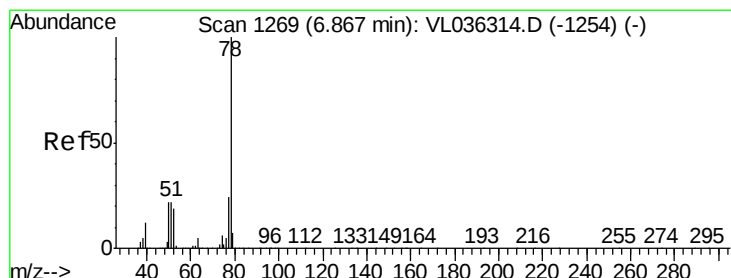
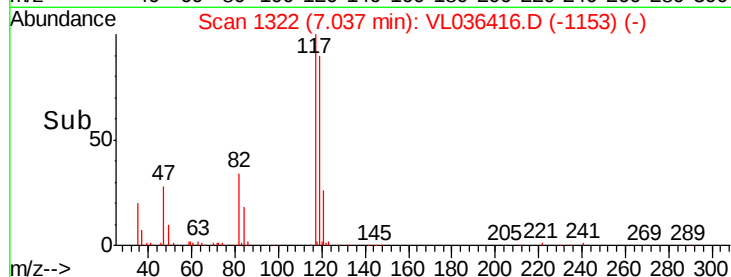
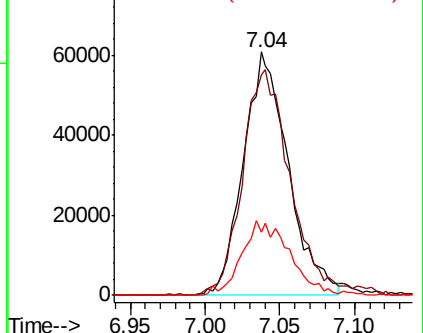
121 26.2 25.8 38.8



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: 0.437 ppbv

RT: 6.92 min Scan# 1284

Delta R.T. 0.05 min

Lab File: VL036416.D

Acq: 1 Mar 2021 15:53

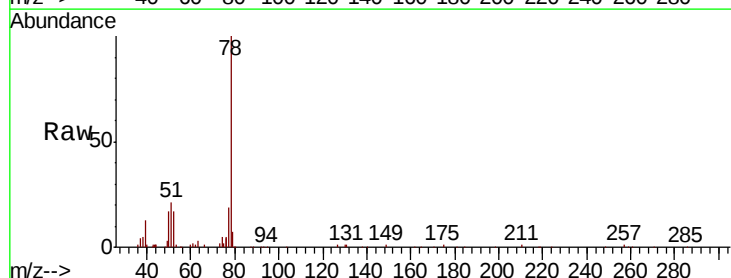
Tgt Ion: 78 Resp: 141683

Ion Ratio Lower Upper

78 100

77 18.8 18.9 28.3#

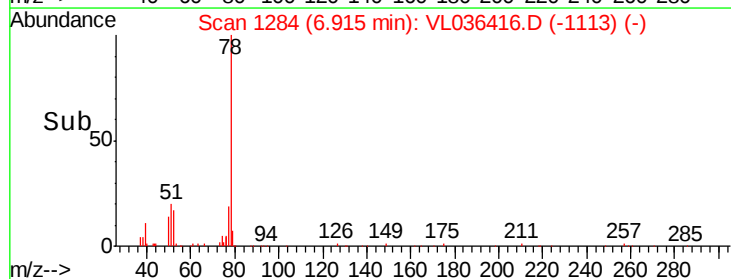
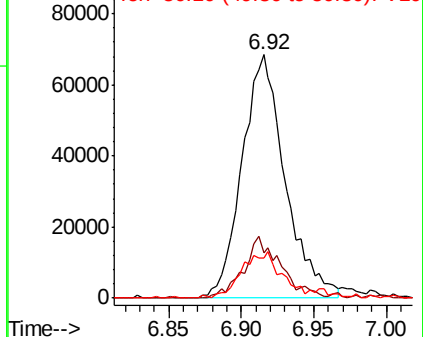
50 16.6 17.3 25.9#

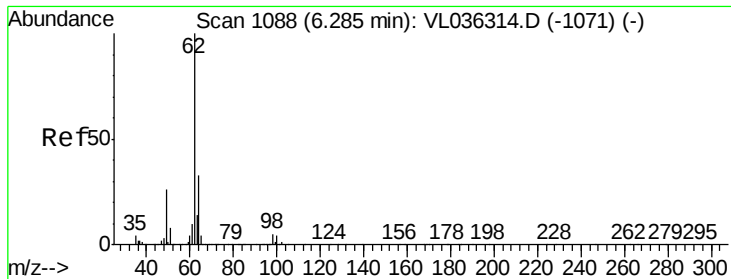


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0





#37

1,2-Dichloroethane

Concen: 0.463 ppbv

RT: 6.33 min Scan# 1102

Delta R.T. 0.05 min

Lab File: VL036416.D

Acq: 1 Mar 2021 15:53

Instrument :

MSVOA_L

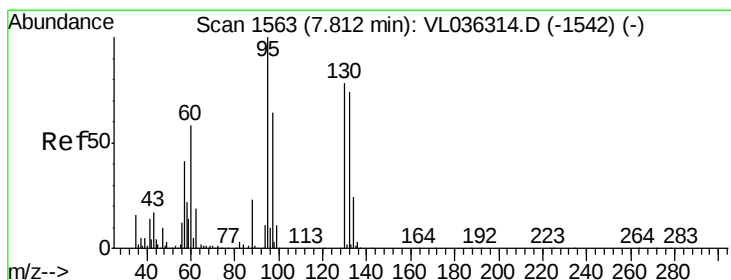
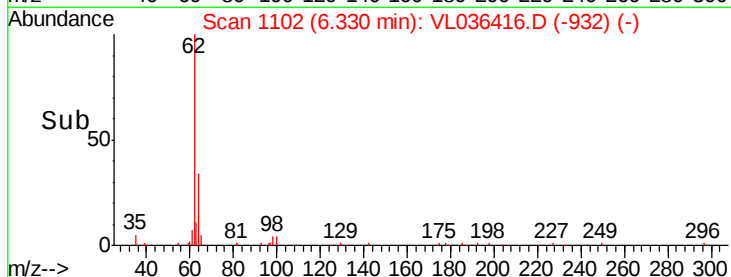
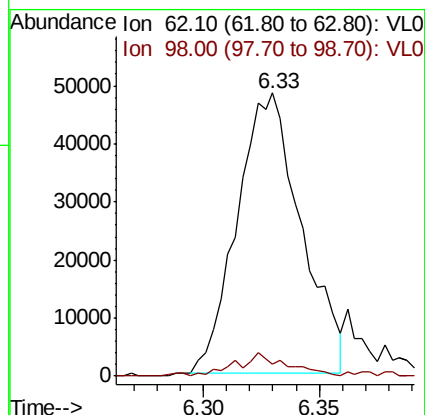
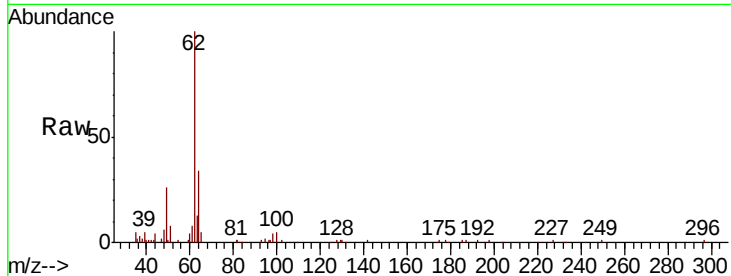
ClientSampleId :

Tot Ion: 62 Resp: 92792

Ion Ratio Lower Upper

62 100

98 6.7 4.5 6.7#



#38

Trichloroethene

Concen: 0.386 ppbv

RT: 7.86 min Scan# 1579

Delta R.T. 0.05 min

Lab File: VL036416.D

Acq: 1 Mar 2021 15:53

Tgt Ion: 130 Resp: 44805

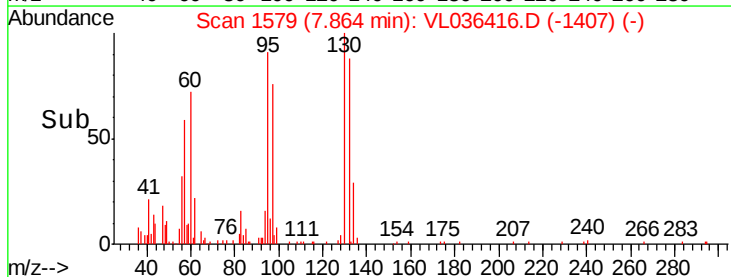
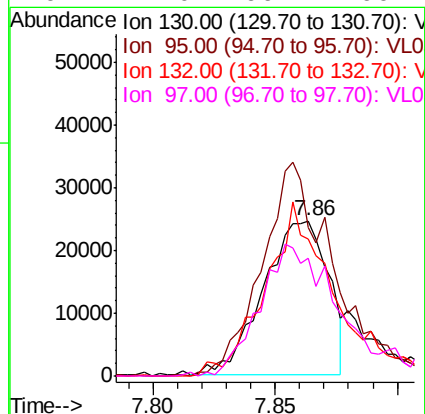
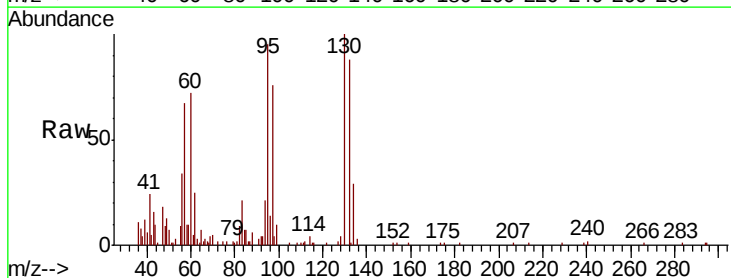
Ion Ratio Lower Upper

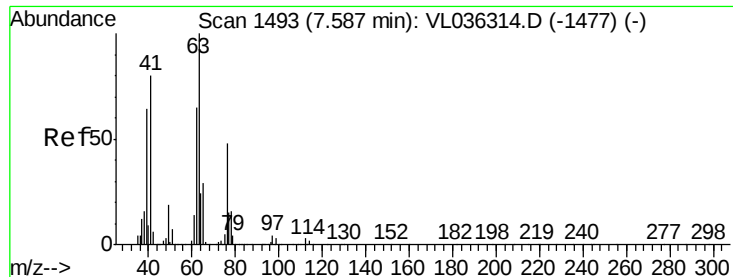
130 100

95 96.3 102.8 154.2#

132 89.3 75.7 113.5

97 74.0 66.2 99.2

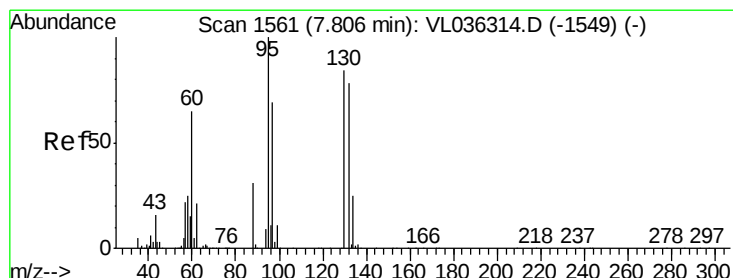
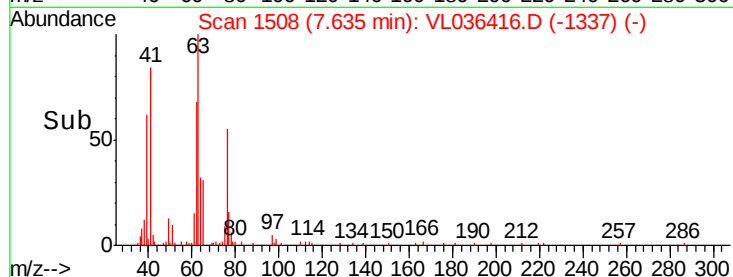
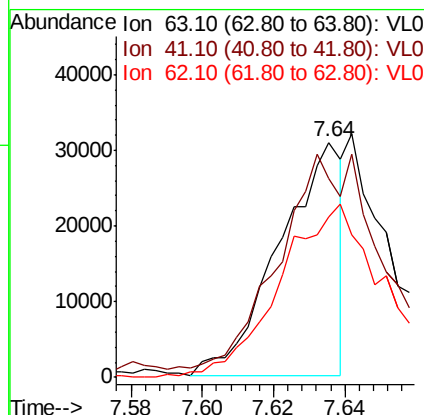
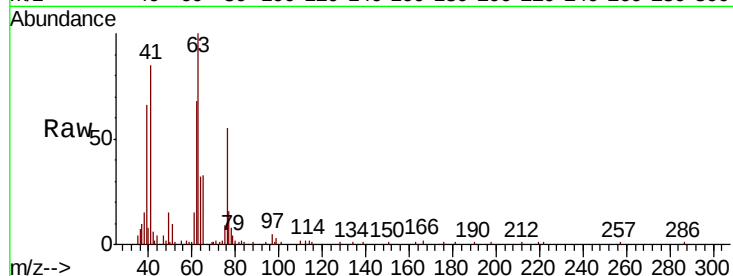




#39
 1,2-Dichloropropane
 Concen: 0.284 ppbv
 RT: 7.64 min Scan# 1508
 Delta R.T. 0.05 min
 Lab File: VL036416.D
 Acq: 1 Mar 2021 15:53

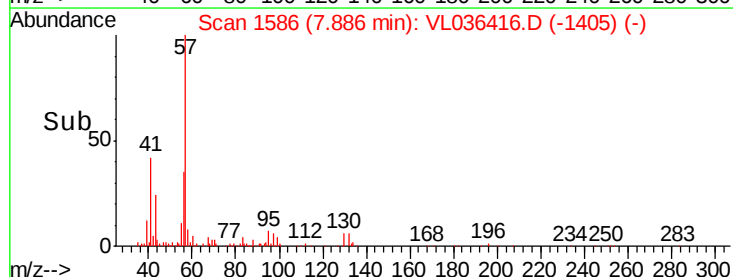
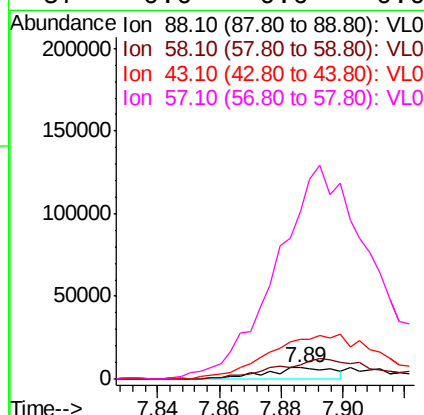
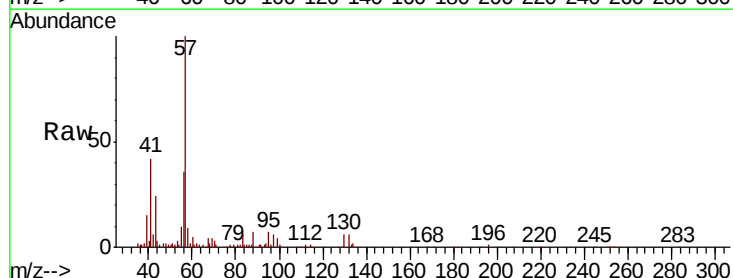
Instrument :
 MSVOA_L
 ClientSampled :

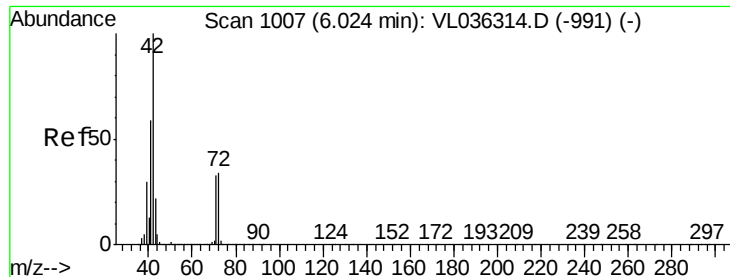
Tot Ion: 63 Resp: 37438
 Ion Ratio Lower Upper
 63 100
 41 81.4 63.8 95.6
 62 66.4 52.3 78.5



#40
 1,4-Dioxane
 Concen: 0.238 ppbv
 RT: 7.89 min Scan# 1586
 Delta R.T. 0.08 min
 Lab File: VL036416.D
 Acq: 1 Mar 2021 15:53

Tgt Ion: 88 Resp: 10853
 Ion Ratio Lower Upper
 88 100
 58 0.0 45.0 67.4#
 43 0.0 0.0 0.0
 57 0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 0.230 ppbv

RT: 6.09 min Scan# 1028

Delta R.T. 0.07 min

Lab File: VL036416.D

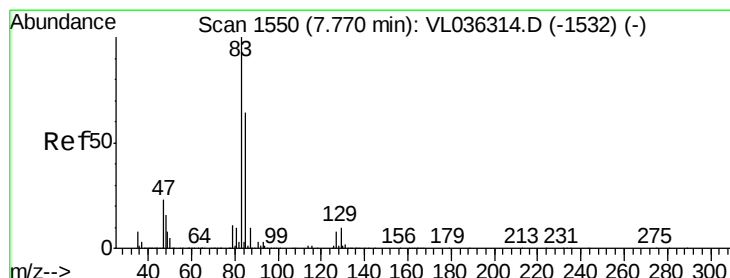
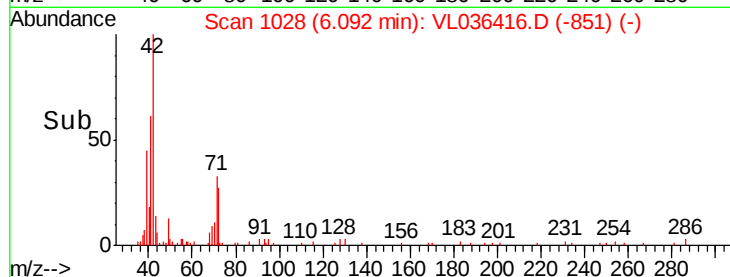
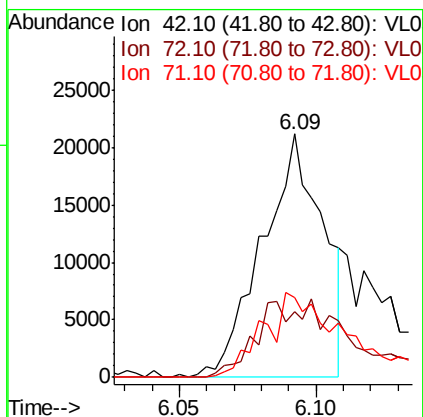
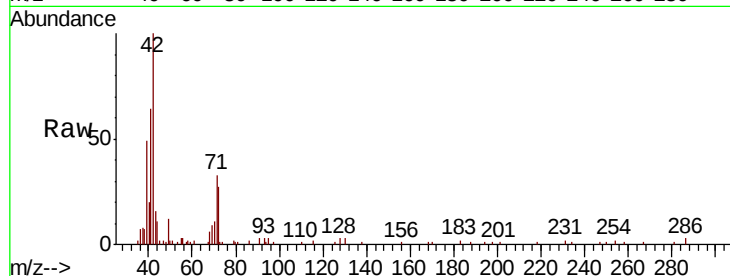
Acq: 1 Mar 2021 15:53

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion:	42	Resp:	32530
Ion	Ratio	Lower	Upper
42	100		
72	54.6	29.3	43.9#
71	54.3	27.8	41.8#



#42

Bromodichloromethane

Concen: 0.172 ppbv

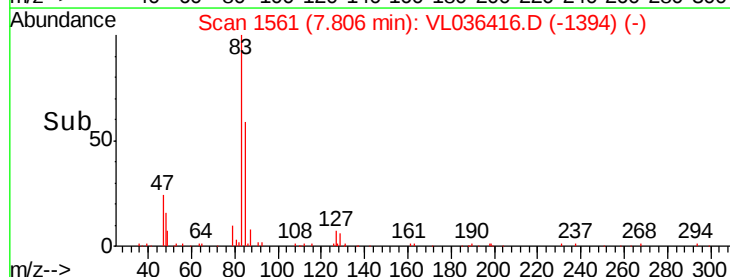
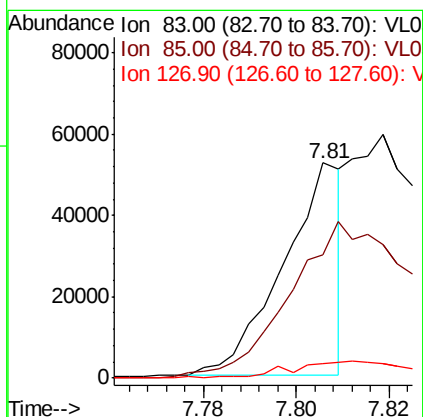
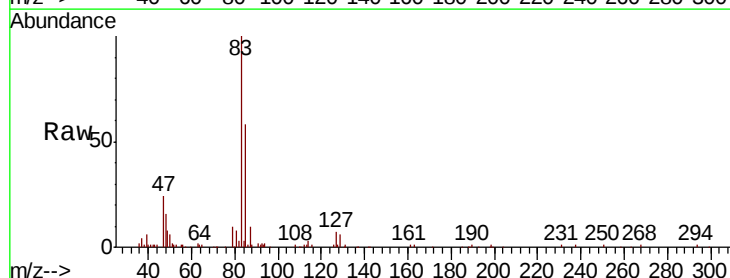
RT: 7.81 min Scan# 1561

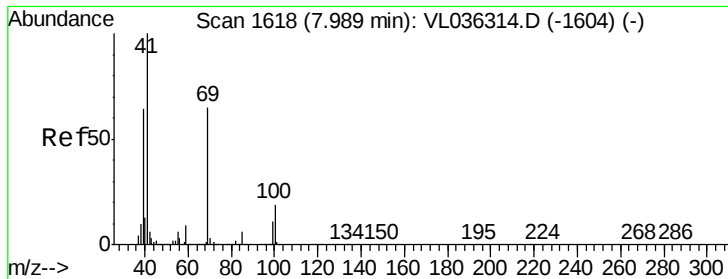
Delta R.T. 0.04 min

Lab File: VL036416.D

Acq: 1 Mar 2021 15:53

Tgt Ion:	83	Resp:	46080
Ion	Ratio	Lower	Upper
83	100		
85	55.9	51.1	76.7
127	7.1	6.3	9.5

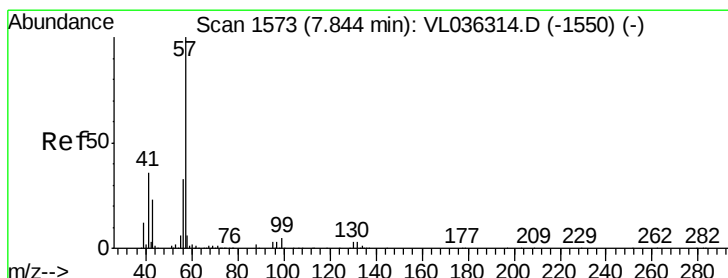
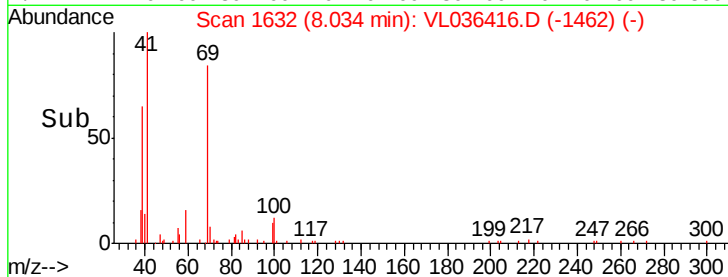
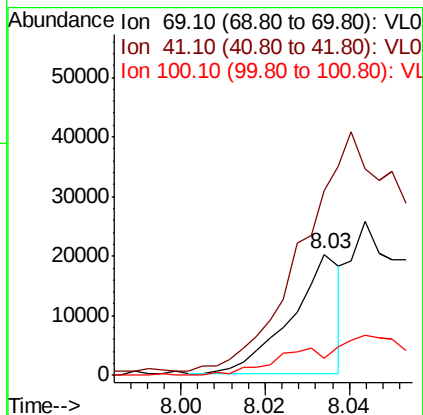
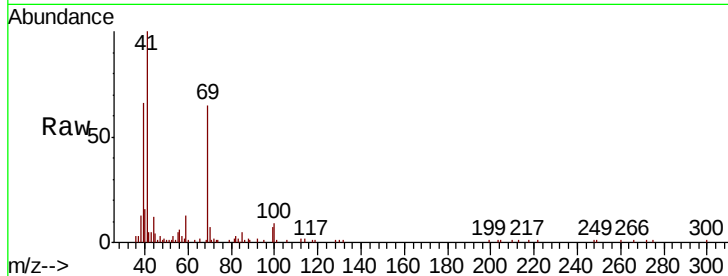




#43
Methvl Methacrylate
Concen: 0.119 ppbv
RT: 8.03 min Scan# 1632
Delta R.T. 0.05 min
Lab File: VL036416.D
Acq: 1 Mar 2021 15:53

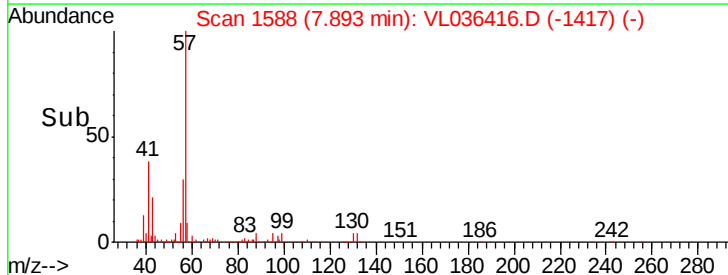
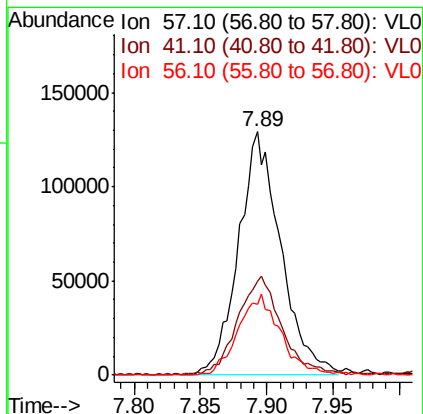
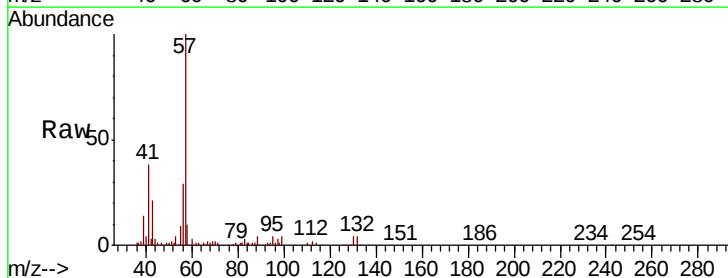
Instrument :
MSVOA_L
ClientSampleId :

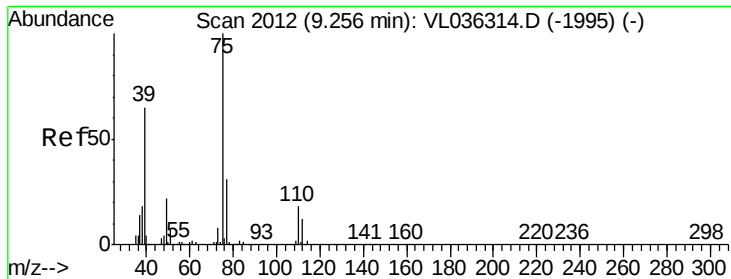
Tot Ion: 69 Resp: 16309
Ion Ratio Lower Upper
69 100
41 0.0 126.5 189.7#
100 0.0 23.1 34.7#



#44
2,2,4-Trimethylpentane
Concen: 0.486 ppbv
RT: 7.89 min Scan# 1588
Delta R.T. 0.05 min
Lab File: VL036416.D
Acq: 1 Mar 2021 15:53

Tgt Ion: 57 Resp: 286659
Ion Ratio Lower Upper
57 100
41 41.9 28.8 43.2
56 33.9 25.8 38.6

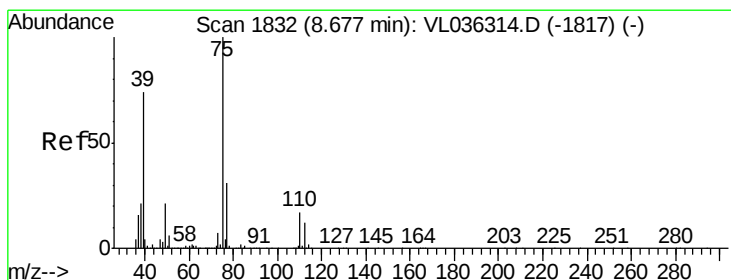
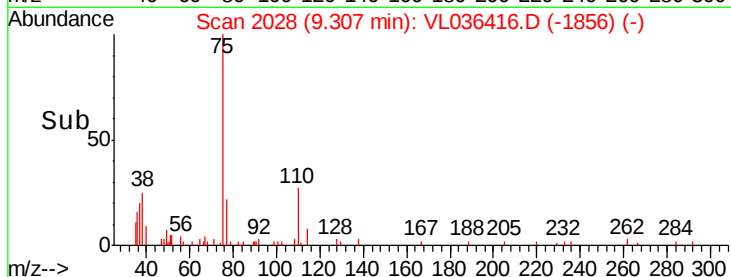
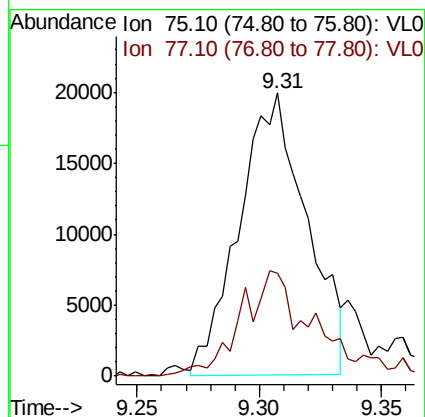
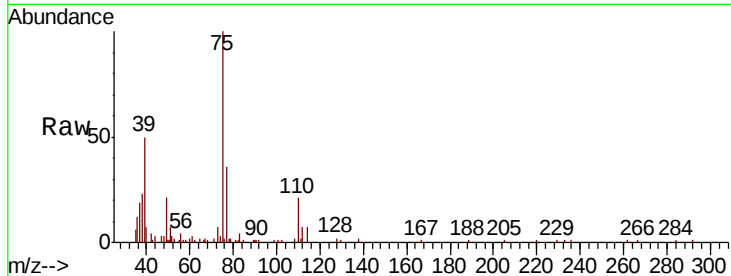




#45
 t-1,3-Dichloropropene
 Concen: 0.290 ppbv
 RT: 9.31 min Scan# 2028
 Delta R.T. 0.05 min
 Lab File: VL036416.D
 Acq: 1 Mar 2021 15:53

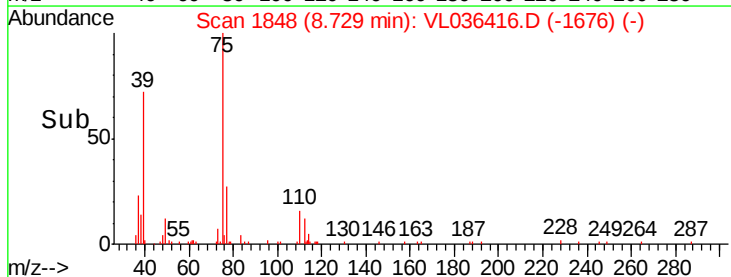
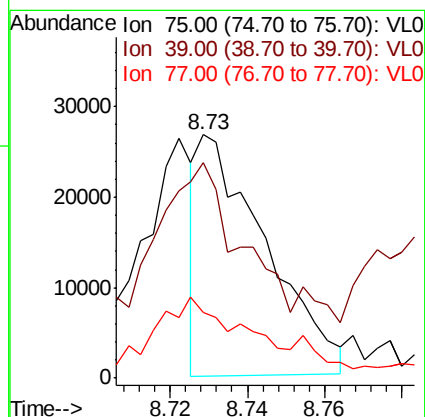
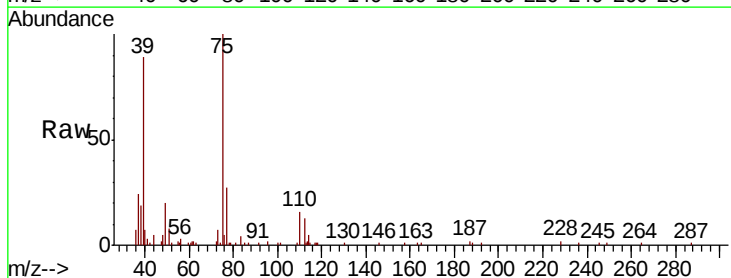
Instrument :
 MSVOA_L
 ClientSampleId :

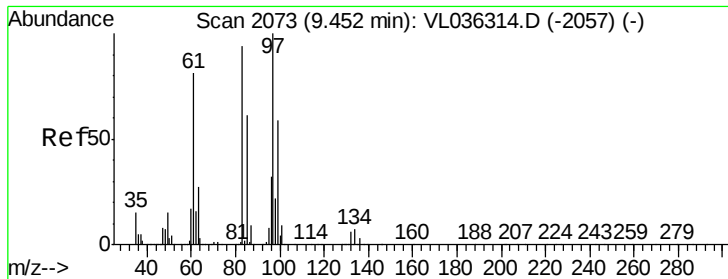
Tot Ion: 75 Resp: 38269
 Ion Ratio Lower Upper
 75 100
 77 36.3 24.6 37.0



#46
 cis-1,3-Dichloropropene
 Concen: 0.192 ppbv
 RT: 8.73 min Scan# 1848
 Delta R.T. 0.05 min
 Lab File: VL036416.D
 Acq: 1 Mar 2021 15:53

Tgt Ion: 75 Resp: 32139
 Ion Ratio Lower Upper
 75 100
 39 75.5 59.2 88.8
 77 23.4 25.0 37.6#

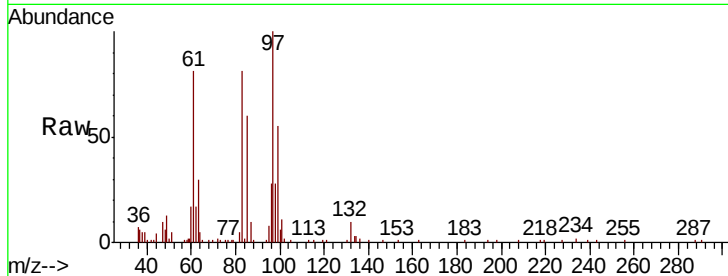




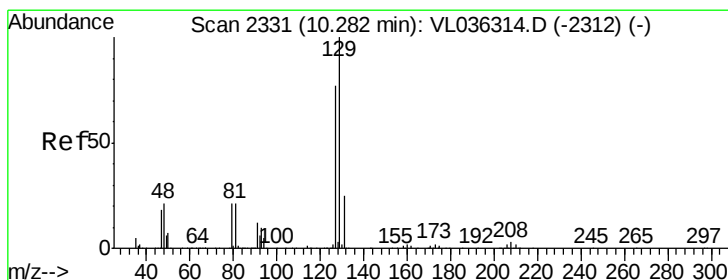
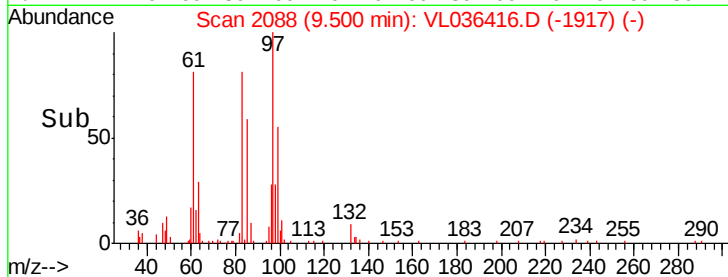
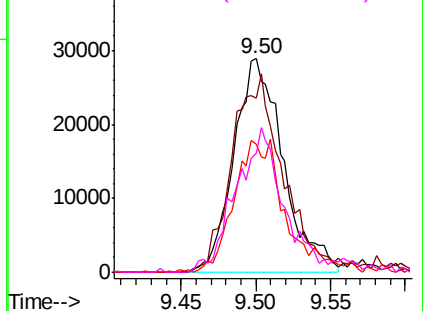
#47
 1,1,2-Trichloroethane
 Concen: 0.491 ppbv
 RT: 9.50 min Scan# 2088
 Delta R.T. 0.05 min
 Lab File: VL036416.D
 Acq: 1 Mar 2021 15:53

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion: 97 Resp: 66271
 Ion Ratio Lower Upper
 97 100
 83 81.2 75.4 113.0
 85 59.0 48.9 73.3
 99 55.5 46.9 70.3

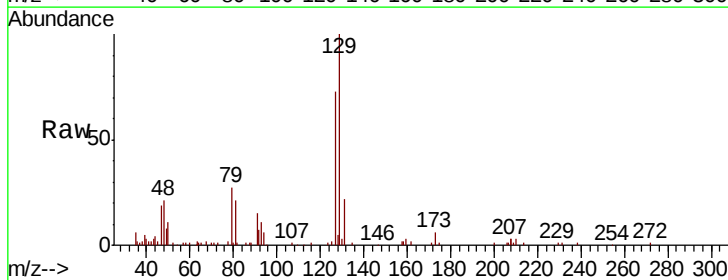


Abundance Ion 97.00 (96.70 to 97.70): VL0
 Ion 83.00 (82.70 to 83.70): VL0
 Ion 85.00 (84.70 to 85.70): VL0
 Ion 99.00 (98.70 to 99.70): VL0

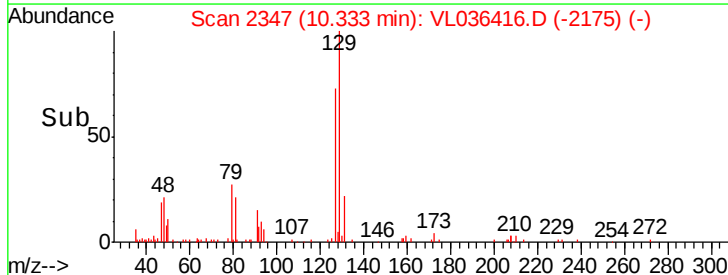
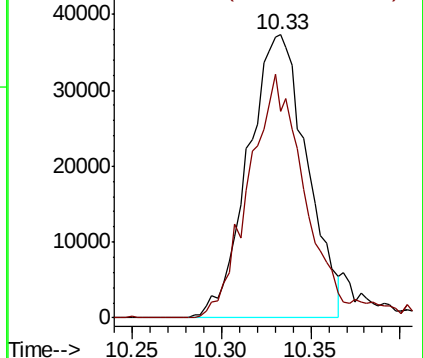


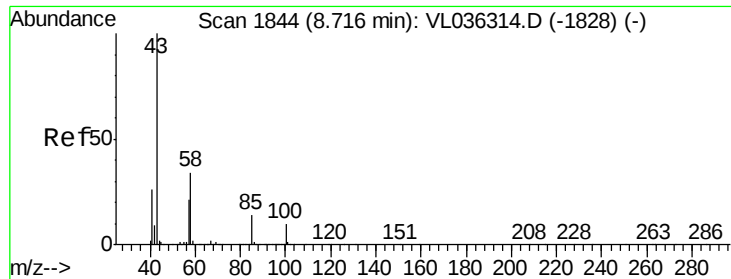
#48
 Dibromochloromethane
 Concen: 0.426 ppbv
 RT: 10.33 min Scan# 2347
 Delta R.T. 0.05 min
 Lab File: VL036416.D
 Acq: 1 Mar 2021 15:53

Tgt Ion: 129 Resp: 85730
 Ion Ratio Lower Upper
 129 100
 127 87.3 39.1 117.2



Abundance Ion 129.00 (128.70 to 129.70): V
 Ion 127.00 (126.70 to 127.70): V

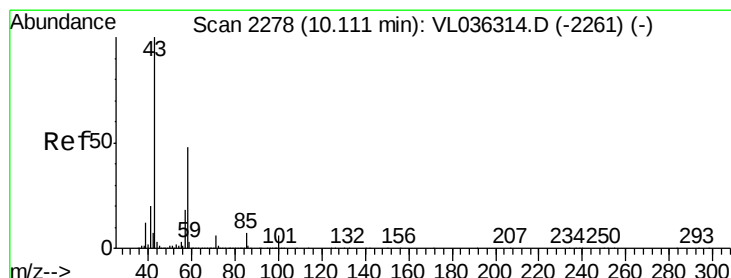
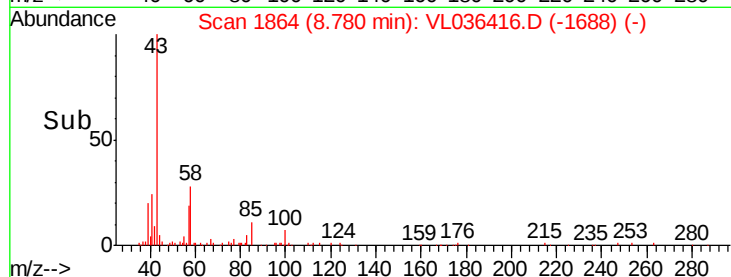
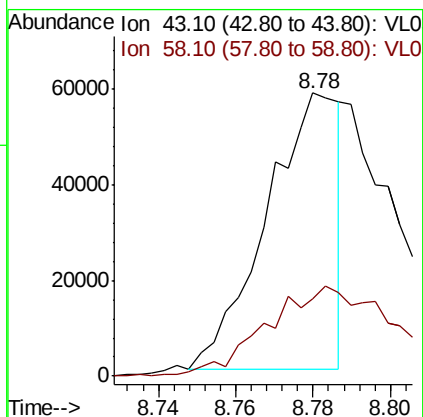
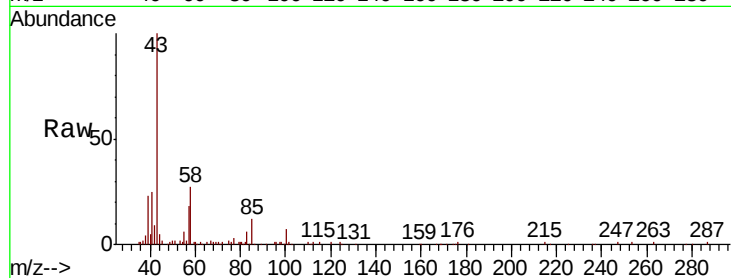




#50
4-Methyl-2-Pentanone
Concen: 0.202 ppbv
RT: 8.78 min Scan# 1864
Delta R.T. 0.06 min
Lab File: VL036416.D
Acq: 1 Mar 2021 15:53

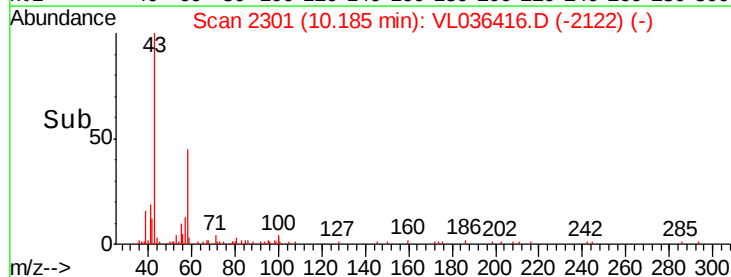
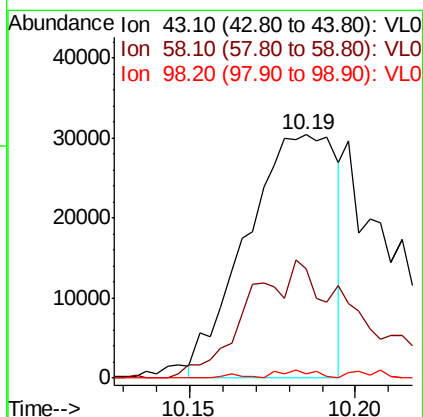
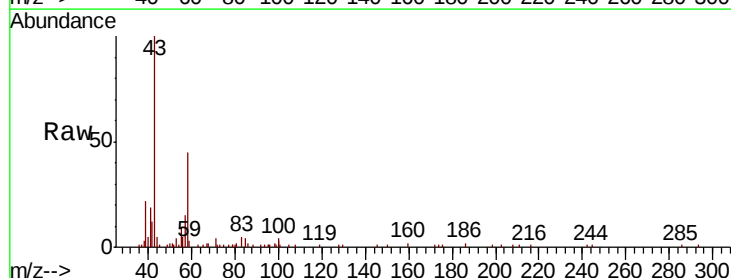
Instrument :
MSVOA_L
ClientSampleId :

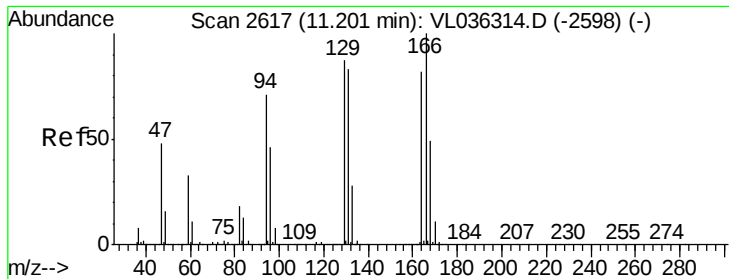
Tot Ion: 43 Resp: 76026
Ion Ratio Lower Upper
43 100
58 64.9 27.8 41.6#



#51
2-Hexanone
Concen: 0.199 ppbv
RT: 10.19 min Scan# 2301
Delta R.T. 0.07 min
Lab File: VL036416.D
Acq: 1 Mar 2021 15:53

Tgt Ion: 43 Resp: 56965
Ion Ratio Lower Upper
43 100
58 75.9 38.7 58.1#
98 0.0 0.4 0.6#





#52

Tetrachloroethene

Concen: 0.244 ppbv

RT: 11.25 min Scan# 2632

Delta R.T. 0.05 min

Lab File: VL036416.D

Acq: 1 Mar 2021 15:53

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion:164 Resp: 28939

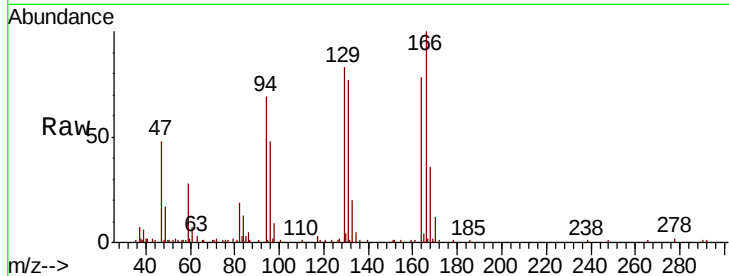
Ion Ratio Lower Upper

164 100

166 128.2 97.8 146.8

129 108.3 84.9 127.3

131 98.7 81.4 122.2

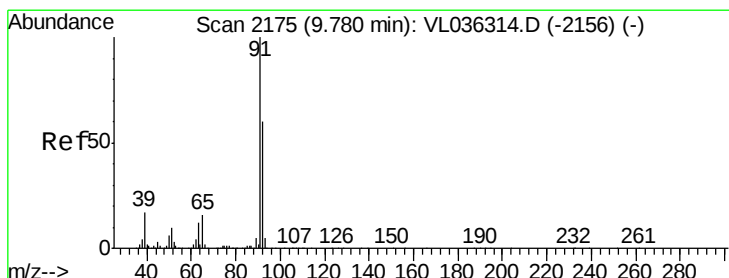
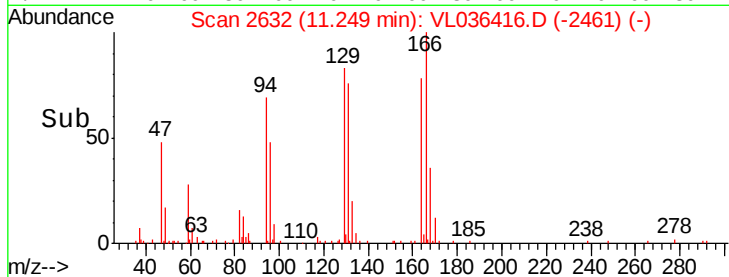
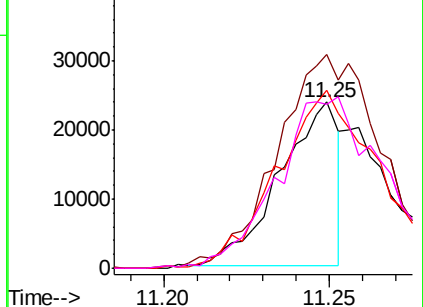


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 165.90 (165.60 to 166.60): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V



#53

Toluene

Concen: 0.120 ppbv

RT: 9.84 min Scan# 2194

Delta R.T. 0.06 min

Lab File: VL036416.D

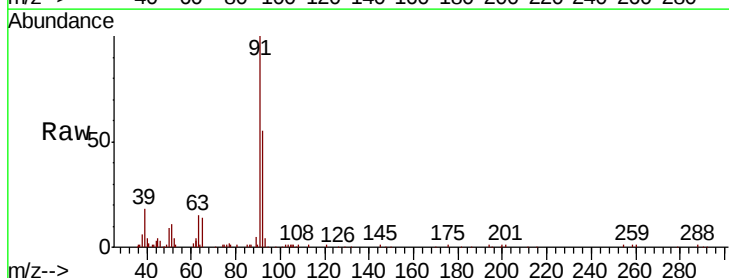
Acq: 1 Mar 2021 15:53

Tgt Ion: 91 Resp: 42220

Ion Ratio Lower Upper

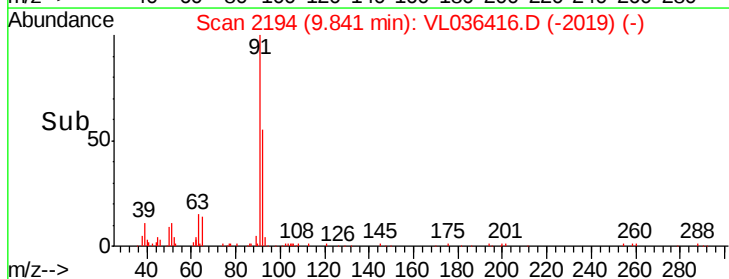
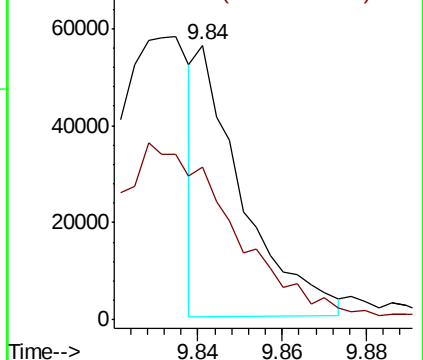
91 100

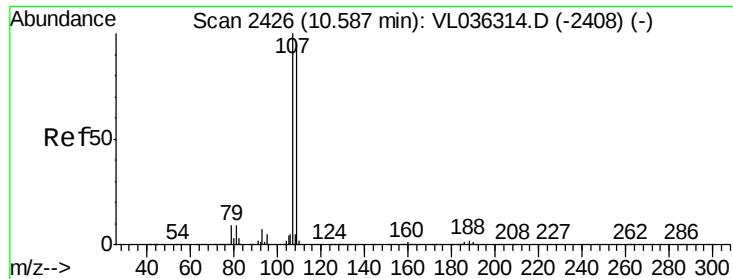
92 0.0 48.6 72.8#



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0

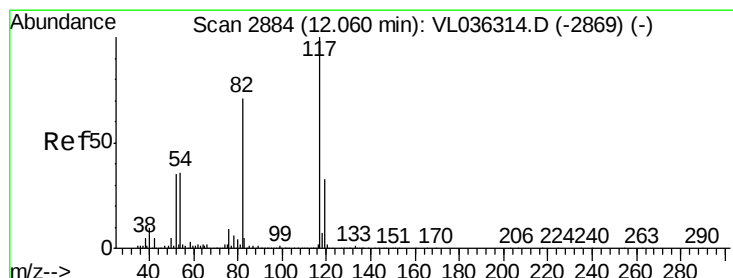
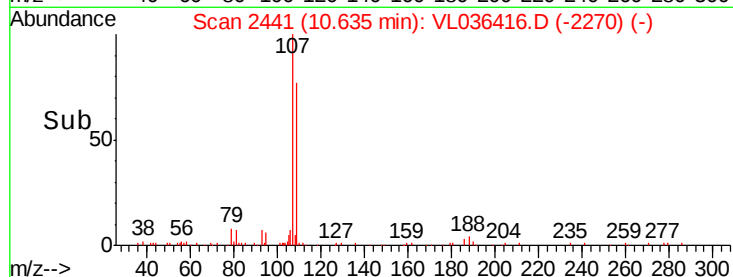
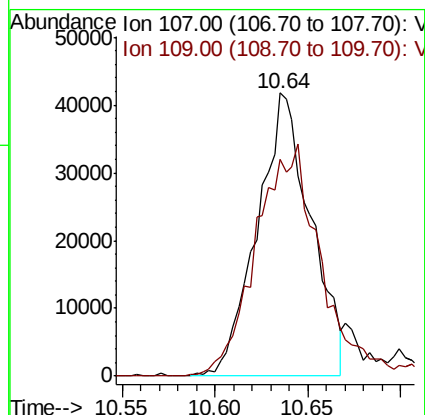
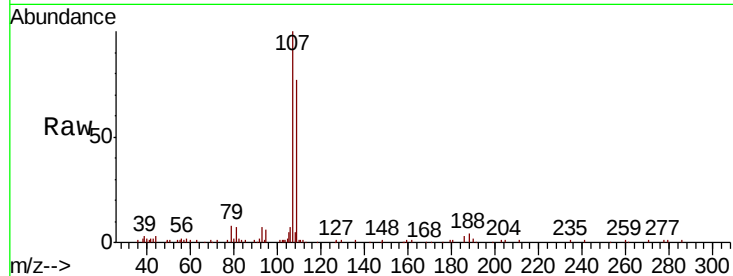




#54
 1,2-Dibromoethane
 Concen: 0.431 ppbv
 RT: 10.64 min Scan# 2441
 Delta R.T. 0.05 min
 Lab File: VL036416.D
 Acq: 1 Mar 2021 15:53

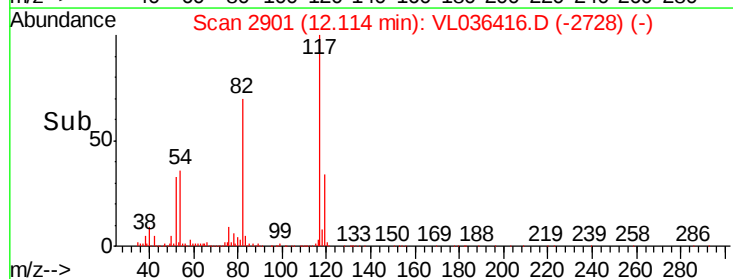
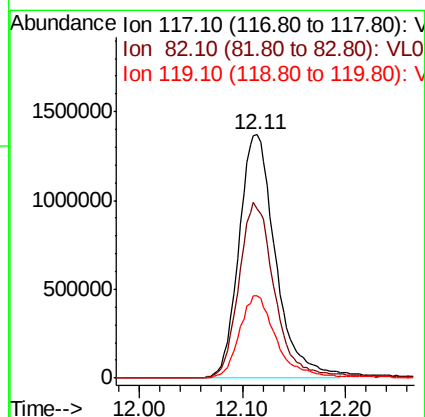
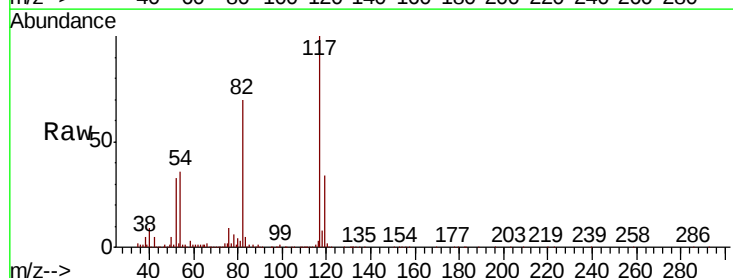
Instrument :
 MSVOA_L
 ClientSampleId :

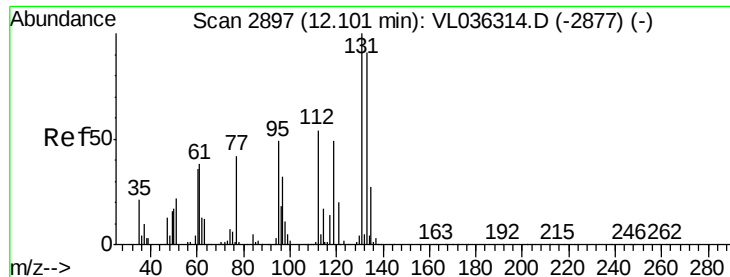
Tot Ion:107 Resp: 84014
 Ion Ratio Lower Upper
 107 100
 109 76.3 76.0 114.0



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.11 min Scan# 2901
 Delta R.T. 0.05 min
 Lab File: VL036416.D
 Acq: 1 Mar 2021 15:53

Tgt Ion:117 Resp: 3390429
 Ion Ratio Lower Upper
 117 100
 82 72.2 59.1 88.7
 119 35.0 46.3 69.5#

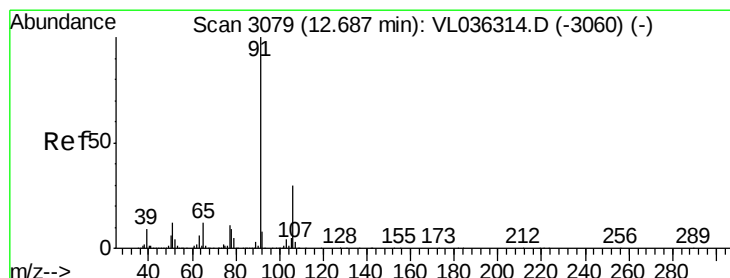
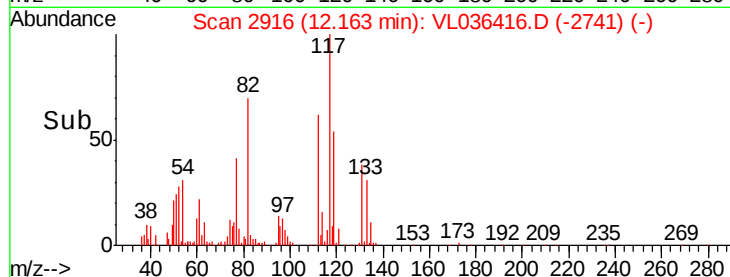
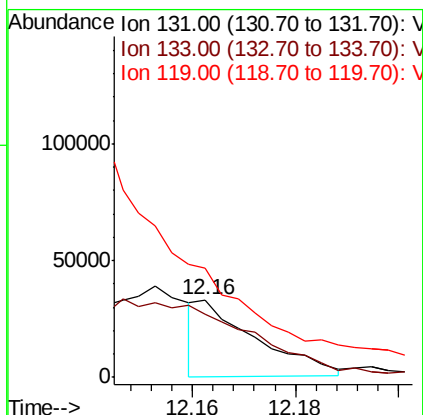
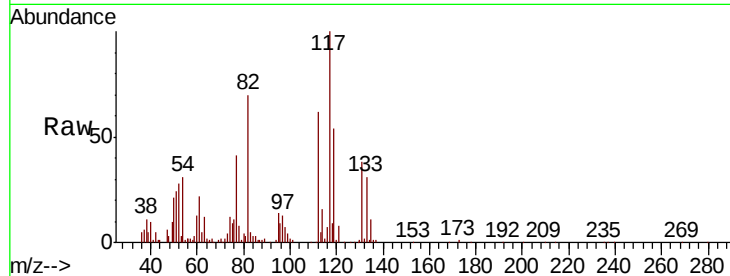




#56
 1,1,1,2-Tetrachloroethane
 Concen: 0.164 ppbv
 RT: 12.16 min Scan# 2916
 Delta R.T. 0.06 min
 Lab File: VL036416.D
 Acq: 1 Mar 2021 15:53

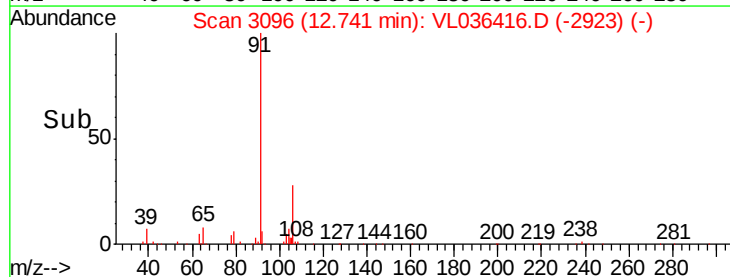
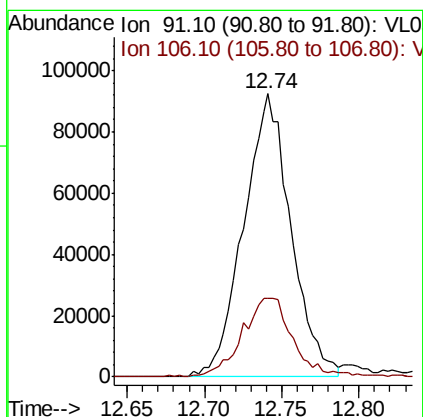
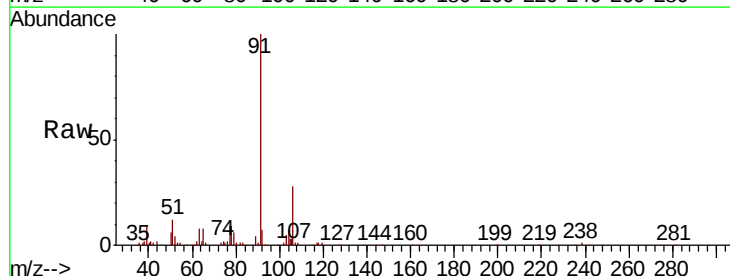
Instrument :
 MSVOA_L
 ClientSampleId :

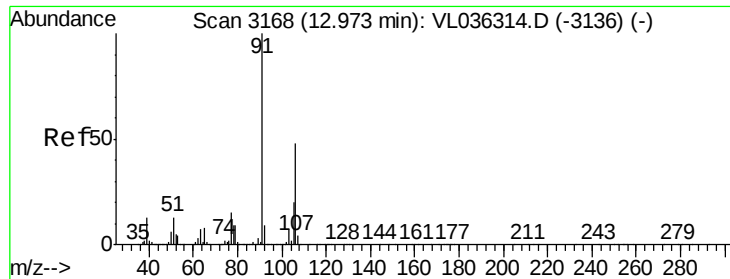
Tot Ion:131 Resp: 25631
 Ion Ratio Lower Upper
 131 100
 133 0.0 76.0 114.0#
 119 0.0 115.1 172.7#



#58
 Ethyl Benzene
 Concen: 0.423 ppbv
 RT: 12.74 min Scan# 3096
 Delta R.T. 0.05 min
 Lab File: VL036416.D
 Acq: 1 Mar 2021 15:53

Tgt Ion: 91 Resp: 196277
 Ion Ratio Lower Upper
 91 100
 106 27.7 23.8 35.6

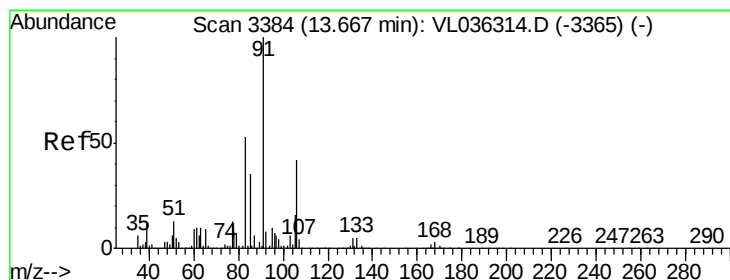
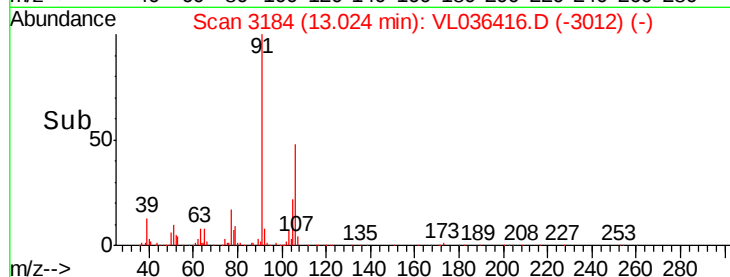
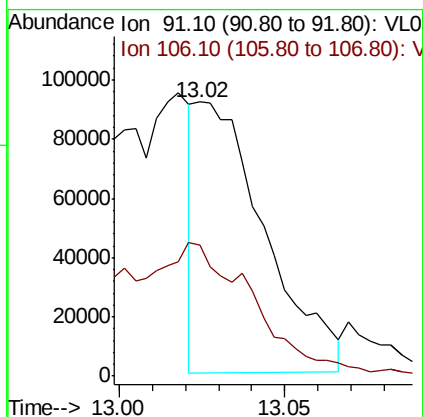
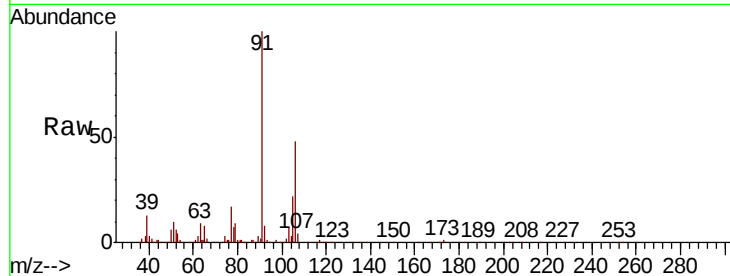




#59
m/p-Xylene
Concen: 0.324 ppbv
RT: 13.02 min Scan# 3184
Delta R.T. 0.05 min
Lab File: VL036416.D
Acq: 1 Mar 2021 15:53

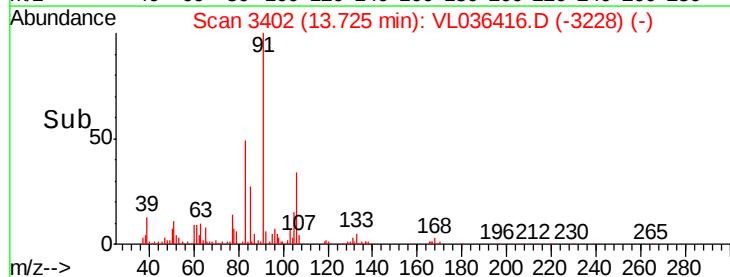
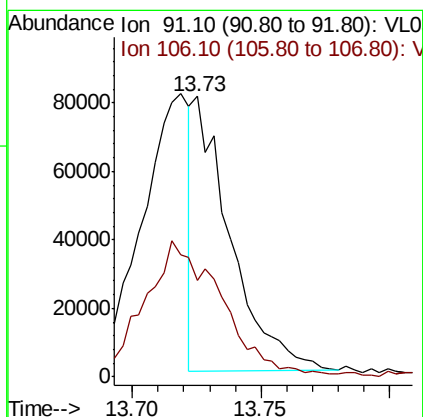
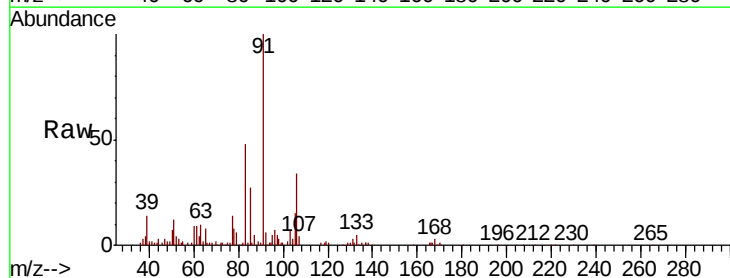
Instrument :
MSVOA_L
ClientSampled :

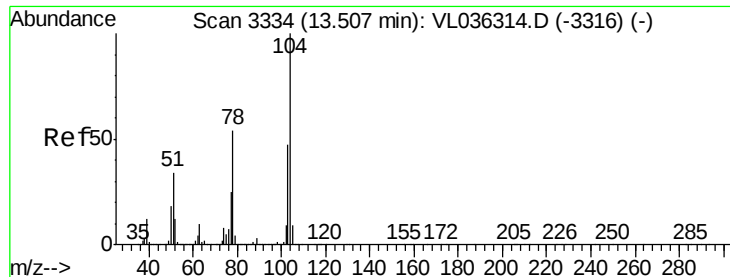
Tot Ion: 91 Resp: 132325
Ion Ratio Lower Upper
91 100
106 116.4 34.2 51.2#



#60
o-Xylene
Concen: 0.204 ppbv
RT: 13.73 min Scan# 3402
Delta R.T. 0.06 min
Lab File: VL036416.D
Acq: 1 Mar 2021 15:53

Tgt Ion: 91 Resp: 79641
Ion Ratio Lower Upper
91 100
106 0.0 22.0 66.0#





#61

Stvrene

Concen: 0.175 ppbv

RT: 13.56 min Scan# 3352

Delta R.T. 0.06 min

Lab File: VL036416.D

Acq: 1 Mar 2021 15:53

Instrument :

MSVOA_L

ClientSampled :

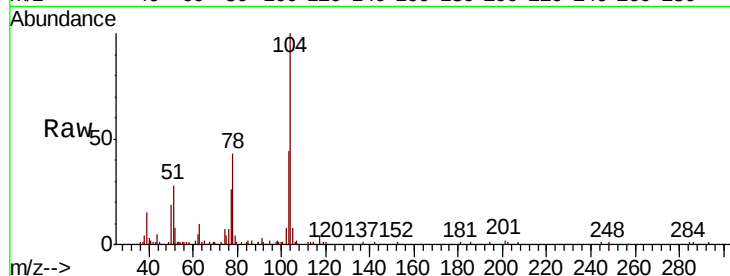
Tot Ion:104 Resp: 42217

Ion Ratio Lower Upper

104 100

78 0.0 46.2 69.2#

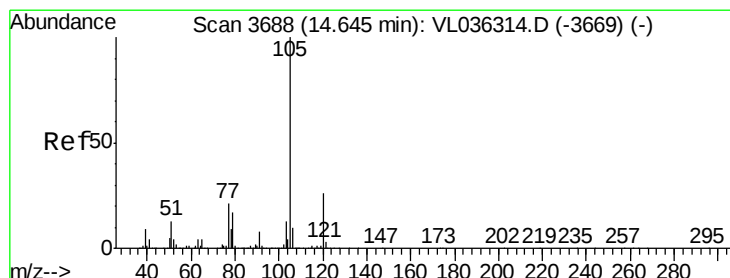
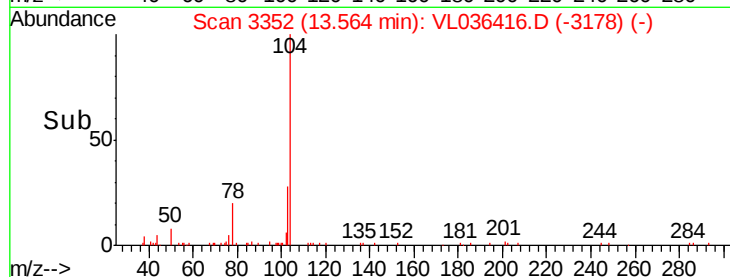
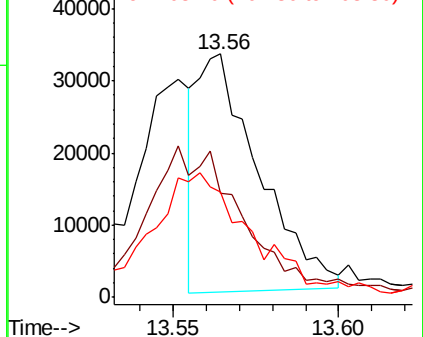
103 95.7 38.3 57.5#



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: 0.509 ppbv

RT: 14.70 min Scan# 3705

Delta R.T. 0.05 min

Lab File: VL036416.D

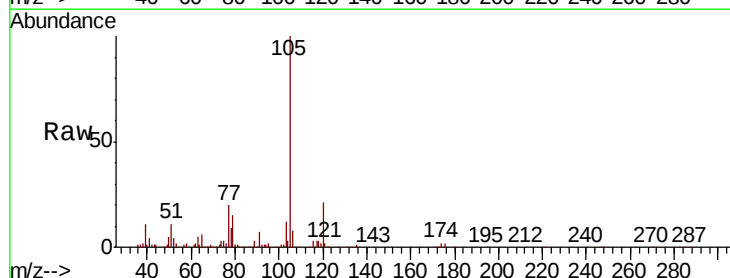
Acq: 1 Mar 2021 15:53

Tgt Ion:105 Resp: 297636

Ion Ratio Lower Upper

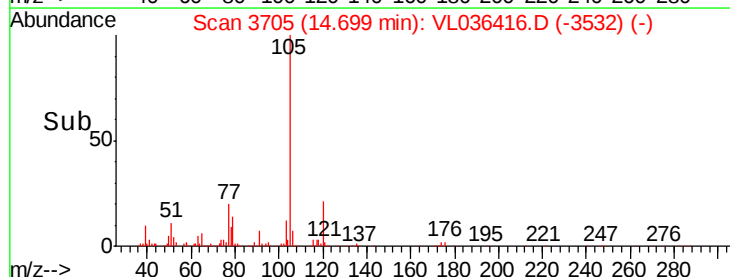
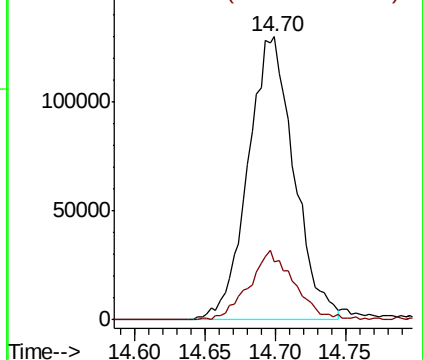
105 100

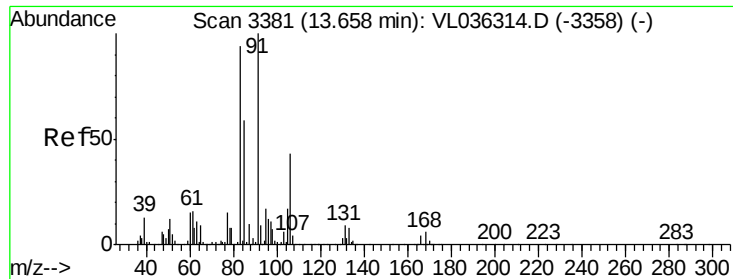
120 24.3 20.6 30.8



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: 0.233 ppbv

RT: 13.71 min Scan# 3398

Delta R.T. 0.05 min

Lab File: VL036416.D

Acq: 1 Mar 2021 15:53

Instrument :

MSVOA_L

ClientSampleId :

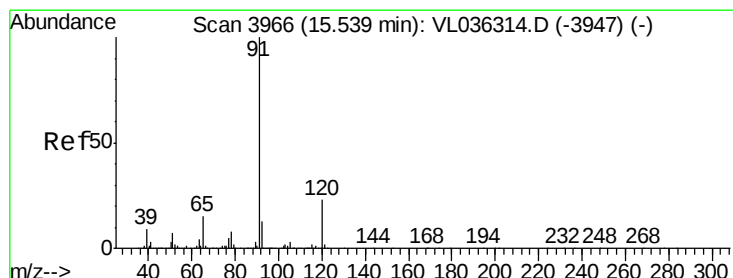
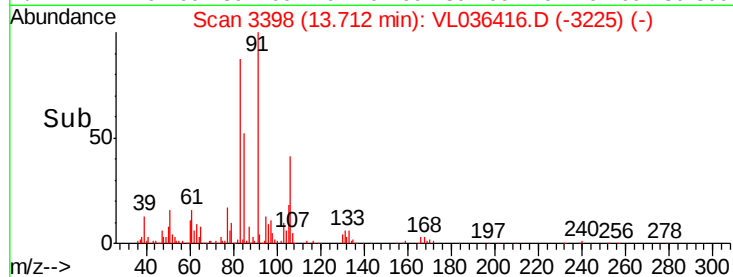
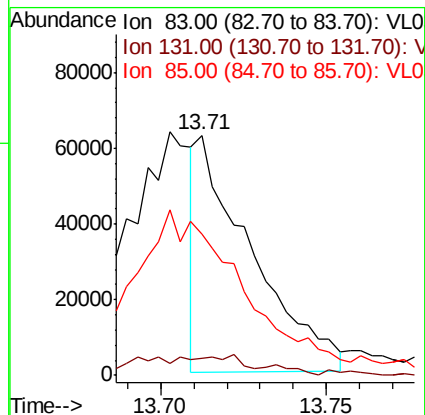
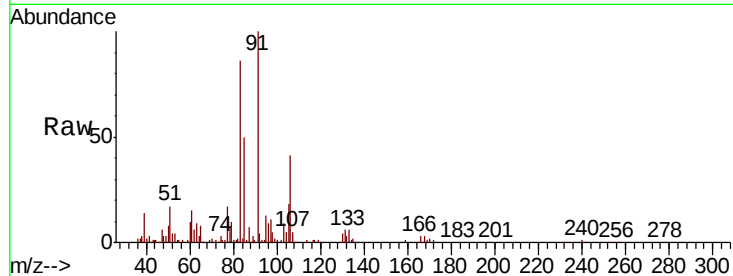
Tot Ion: 83 Resp: 71558

Ion Ratio Lower Upper

83 100

131 20.6 4.7 14.0#

85 0.0 33.0 98.9#



#64

n-propylbenzene

Concen: 0.278 ppbv

RT: 15.59 min Scan# 3983

Delta R.T. 0.05 min

Lab File: VL036416.D

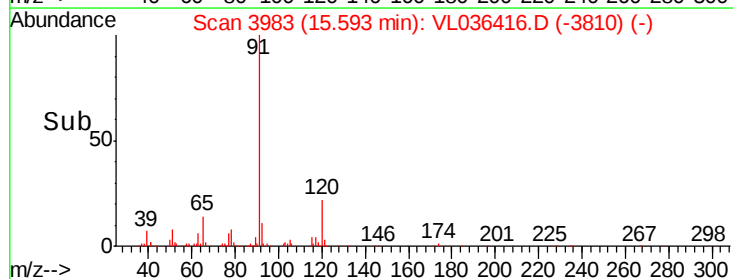
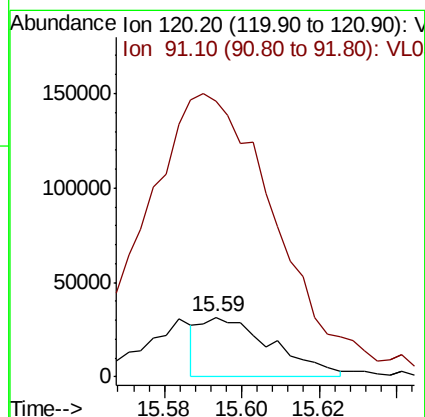
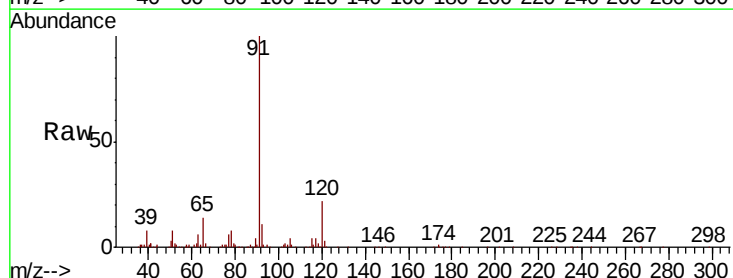
Acq: 1 Mar 2021 15:53

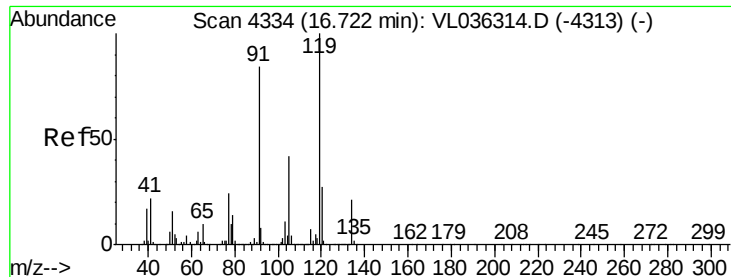
Tgt Ion:120 Resp: 39972

Ion Ratio Lower Upper

120 100

91 926.7 387.2 580.8#

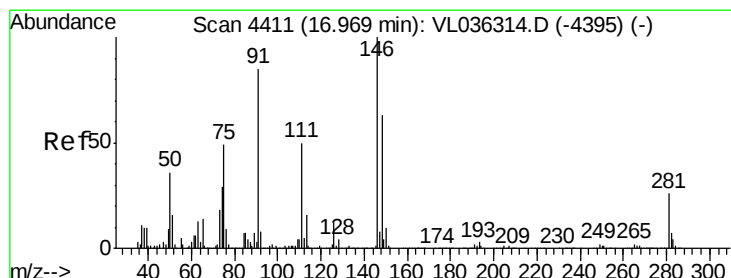
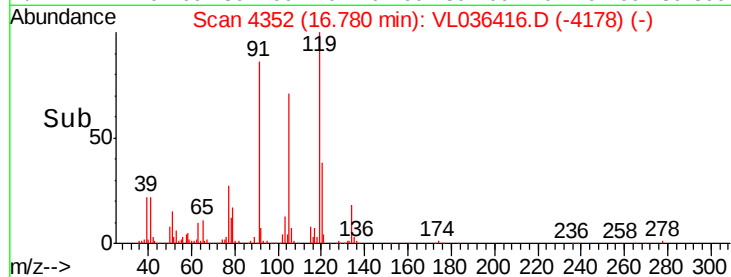
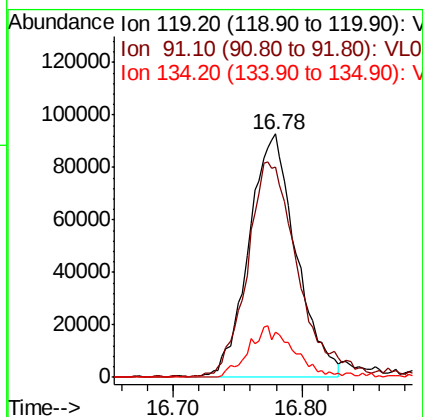
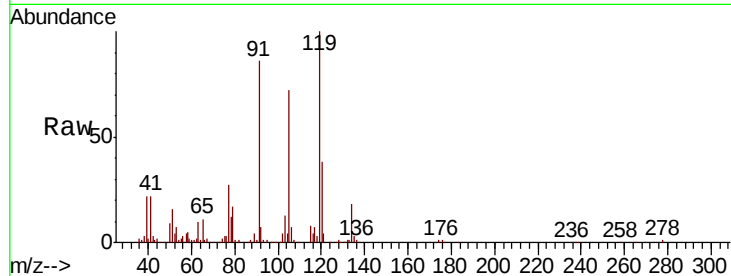




#65
tert-Butylbenzene
Concen: 0.473 ppbv
RT: 16.78 min Scan# 4352
Delta R.T. 0.06 min
Lab File: VL036416.D
Acq: 1 Mar 2021 15:53

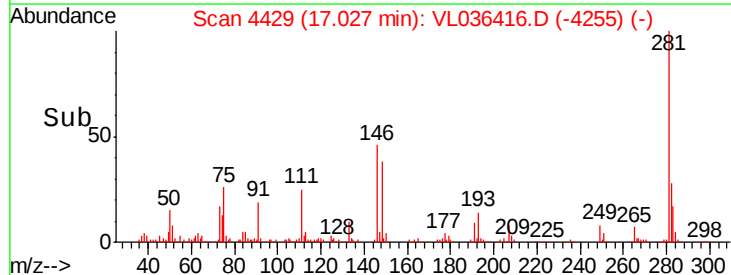
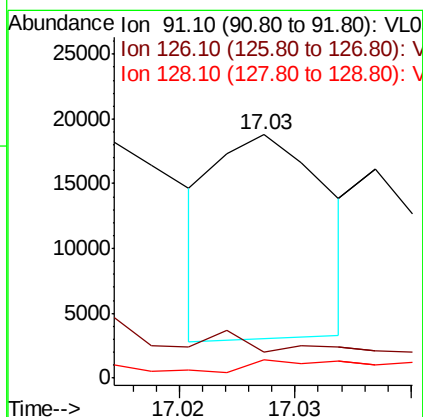
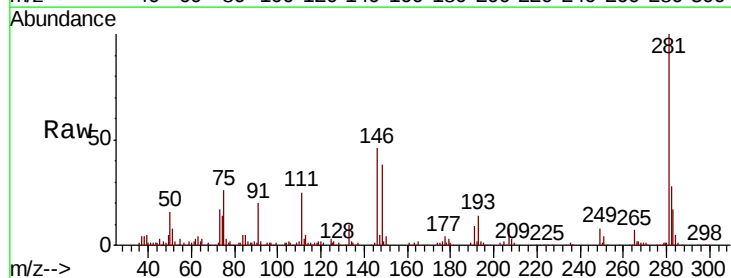
Instrument :
MSVOA_L
ClientSampleId :

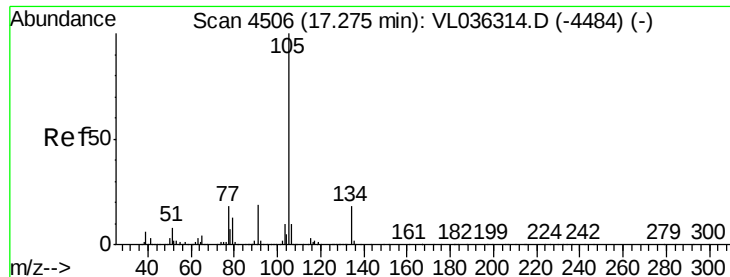
Tot Ion: 119 Resp: 236564
Ion Ratio Lower Upper
119 100
91 95.6 70.5 105.7
134 20.6 15.8 23.8



#66
Benzyl Chloride
Concen: 0.077 ppbv
RT: 17.03 min Scan# 4429
Delta R.T. 0.06 min
Lab File: VL036416.D
Acq: 1 Mar 2021 15:53

Tgt Ion: 91 Resp: 10514
Ion Ratio Lower Upper
91 100
126 0.0 12.9 19.3#
128 33.0 4.2 6.2#

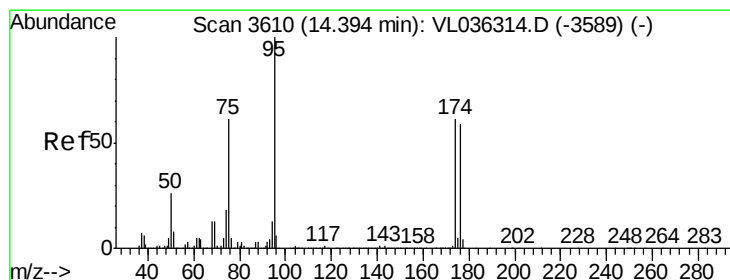
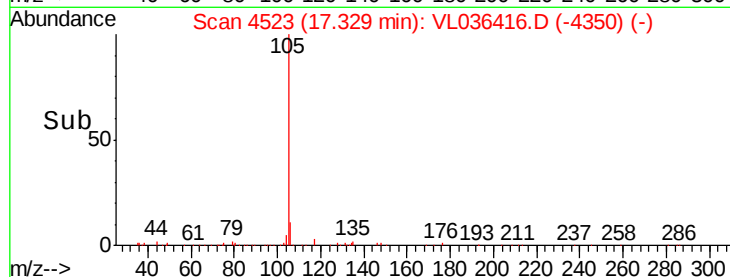
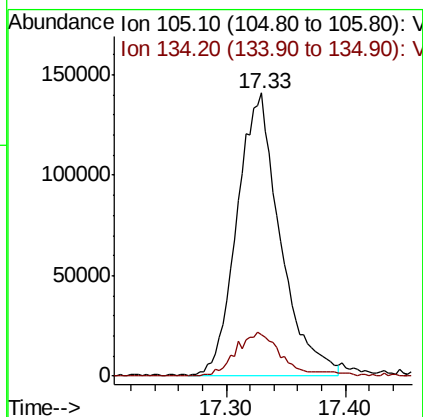
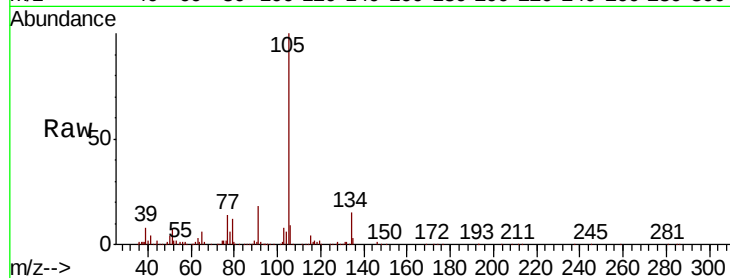




#67
 sec-Butylbenzene
 Concen: 0.487 ppbv
 RT: 17.33 min Scan# 4523
 Delta R.T. 0.05 min
 Lab File: VL036416.D
 Acq: 1 Mar 2021 15:53

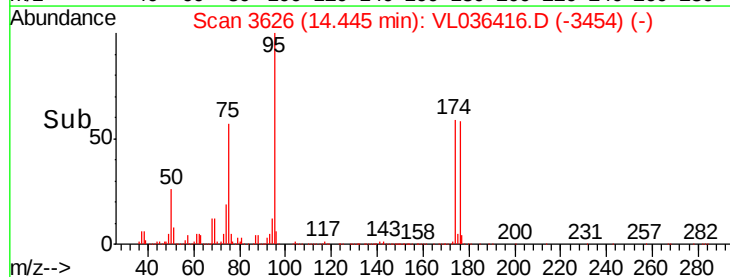
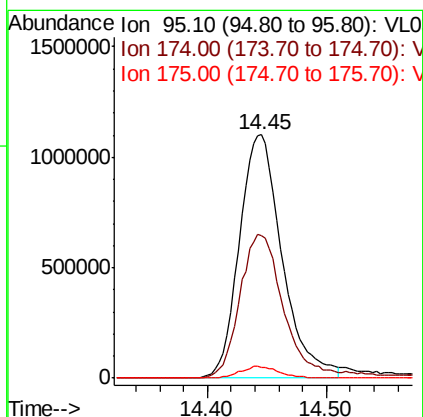
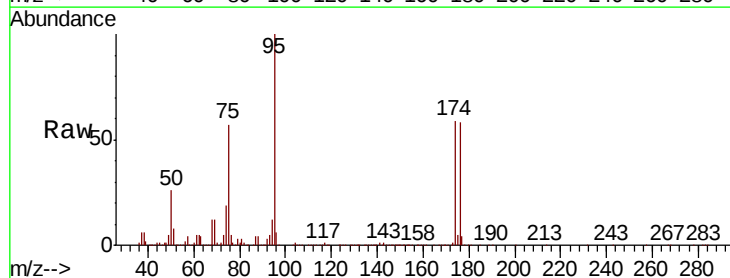
Instrument :
 MSVOA_L
 ClientSampleId :

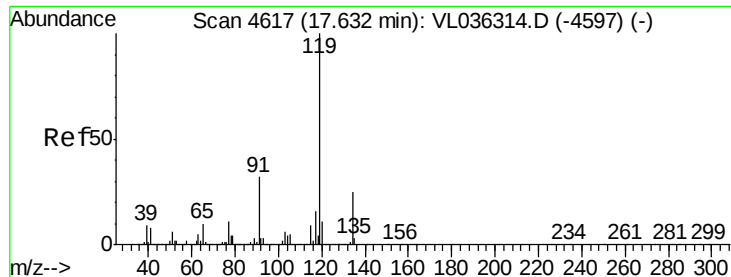
Tot Ion: 105 Resp: 351284
 Ion Ratio Lower Upper
 105 100
 134 16.9 14.2 21.4



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.802 ppbv
 RT: 14.45 min Scan# 3626
 Delta R.T. 0.05 min
 Lab File: VL036416.D
 Acq: 1 Mar 2021 15:53

Tgt Ion: 95 Resp: 2734404
 Ion Ratio Lower Upper
 95 100
 174 63.9 49.8 74.6
 175 4.5 3.7 5.5

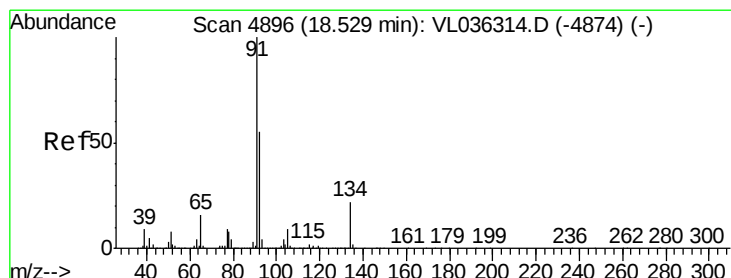
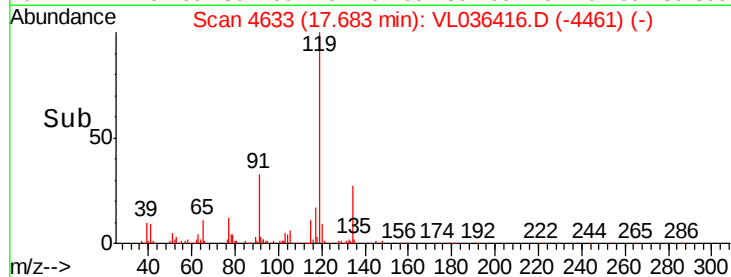
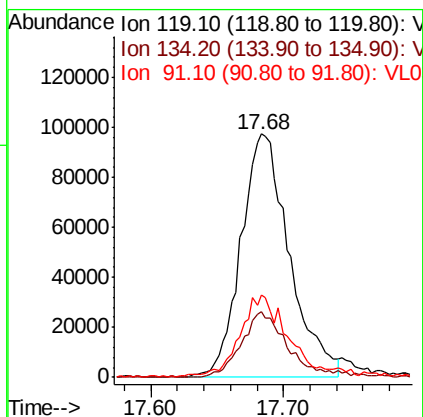
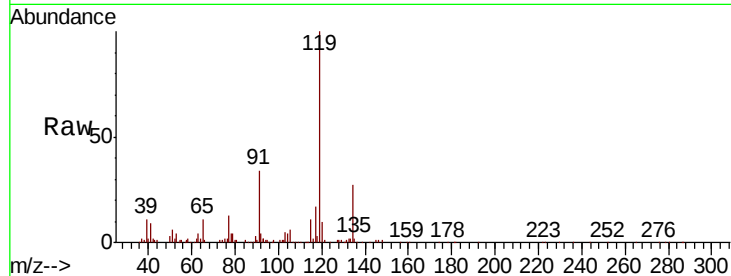




#69
 p-Isopropyltoluene
 Concen: 0.441 ppbv
 RT: 17.68 min Scan# 4633
 Delta R.T. 0.05 min
 Lab File: VL036416.D
 Acq: 1 Mar 2021 15:53

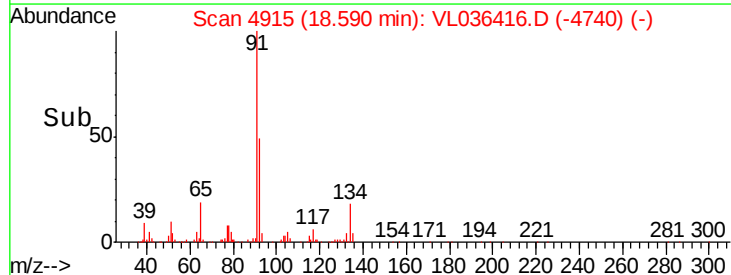
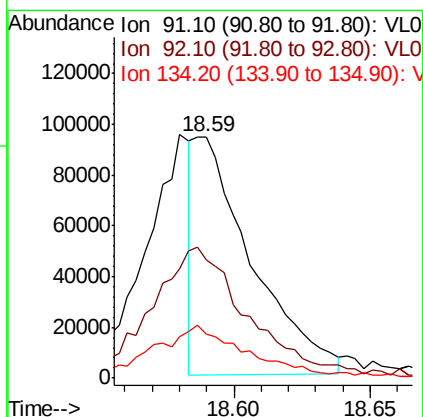
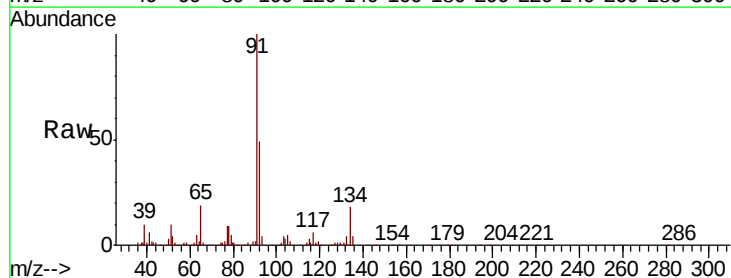
Instrument :
 MSVOA_L
 ClientSampleId :

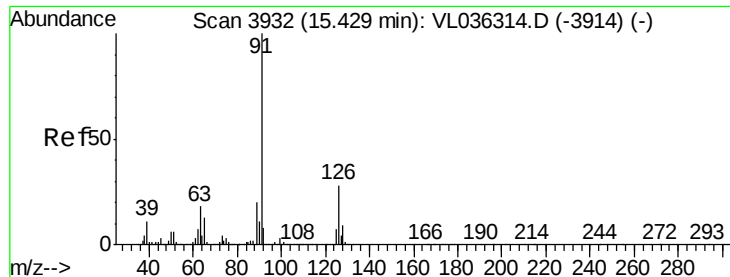
Tot Ion	Ratio	Lower	Upper
119	100		
134	26.8	20.1	30.1
91	36.1	25.8	38.6



#70
 n-Butylbenzene
 Concen: 0.228 ppbv
 RT: 18.59 min Scan# 4915
 Delta R.T. 0.06 min
 Lab File: VL036416.D
 Acq: 1 Mar 2021 15:53

Tgt Ion	Ratio	Lower	Upper
91	100		
92	97.9	43.7	65.5#
134	38.7	17.4	26.0#

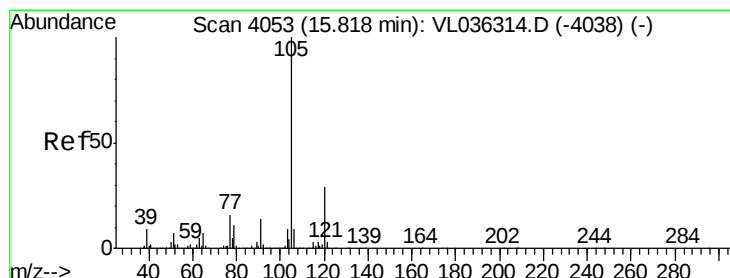
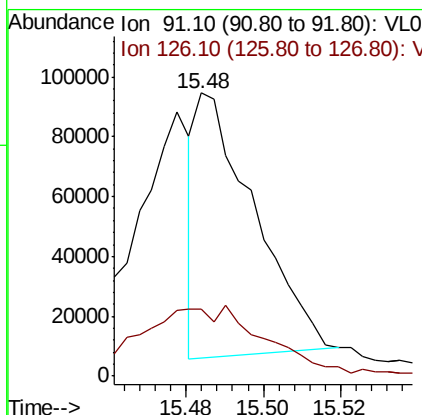
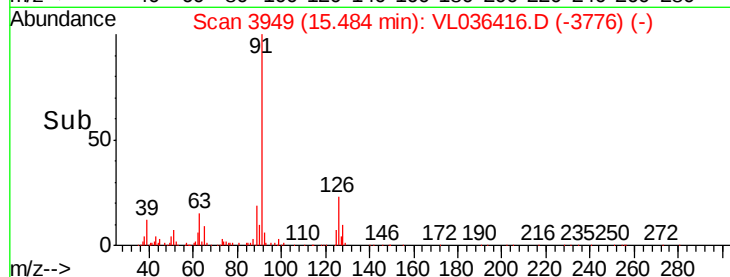
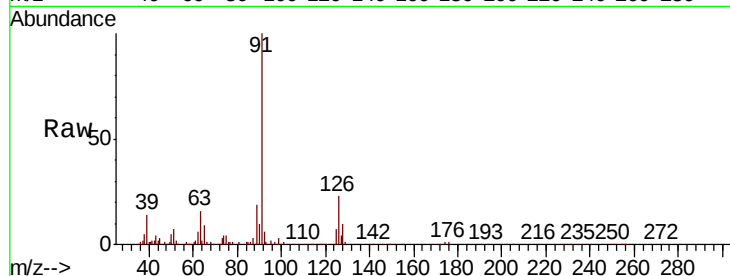




#71
 2-Chlorotoluene
 Concen: 0.204 ppbv
 RT: 15.48 min Scan# 3949
 Delta R.T. 0.05 min
 Lab File: VL036416.D
 Acq: 1 Mar 2021 15:53

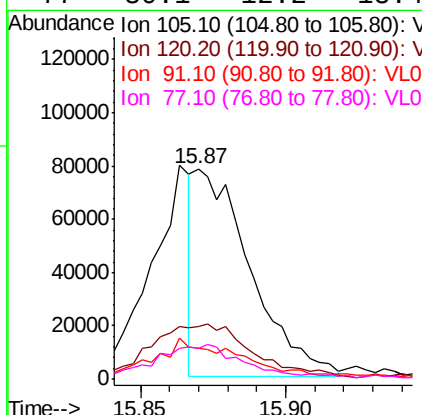
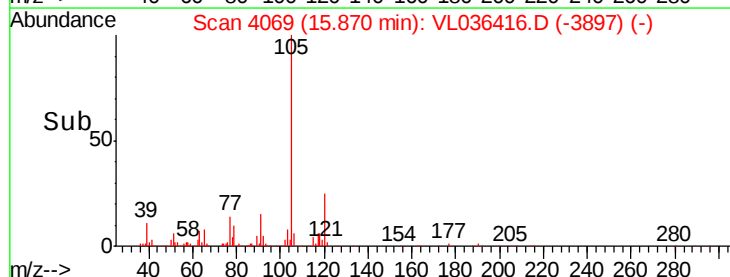
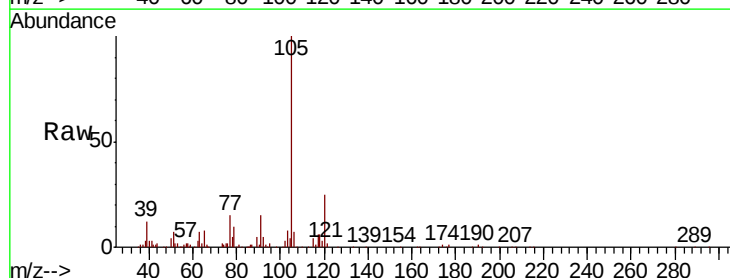
Instrument :
 MSVOA_L
 ClientSampled :

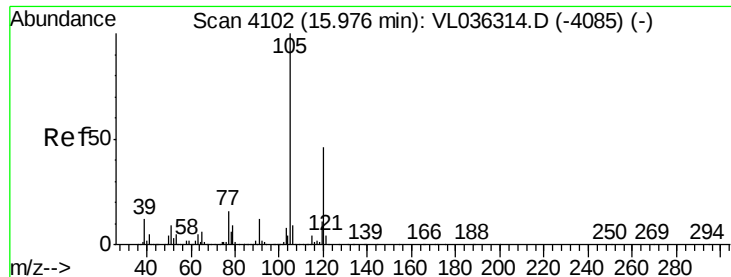
Tot Ion: 91 Resp: 91226
 Ion Ratio Lower Upper
 91 100
 126 60.5 11.5 46.1#



#72
 4-Ethyltoluene
 Concen: 0.238 ppbv
 RT: 15.87 min Scan# 4069
 Delta R.T. 0.05 min
 Lab File: VL036416.D
 Acq: 1 Mar 2021 15:53

Tgt Ion: 105 Resp: 103422
 Ion Ratio Lower Upper
 105 100
 120 52.6 23.2 34.8#
 91 0.0 11.0 16.4#
 77 30.1 12.2 18.4#





#73

1,3,5-Trimethylbenzene

Concen: 0.389 ppbv

RT: 16.03 min Scan# 4118

Delta R.T. 0.05 min

Lab File: VL036416.D

Acq: 1 Mar 2021 15:53

Instrument :

MSVOA_L

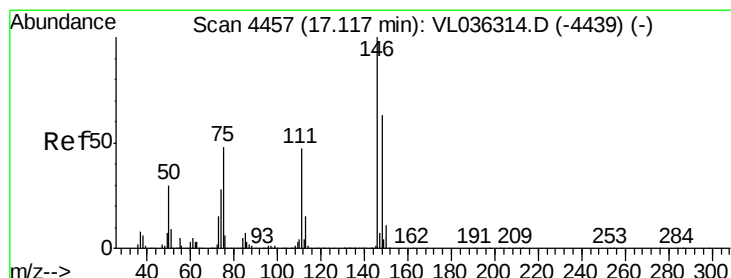
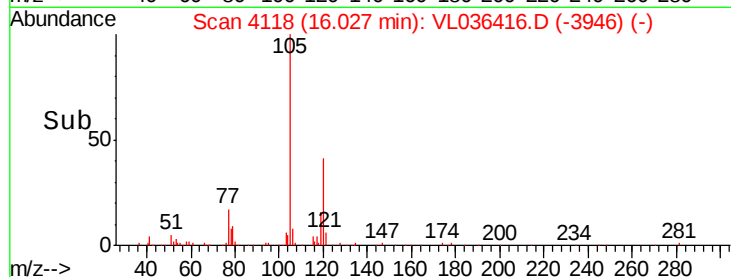
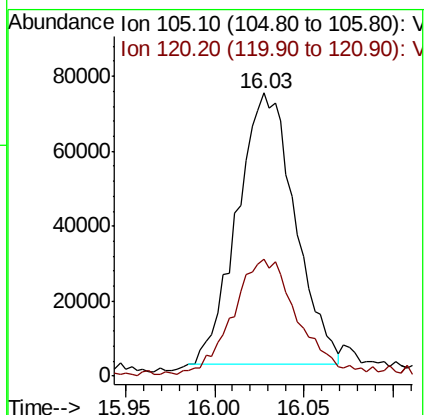
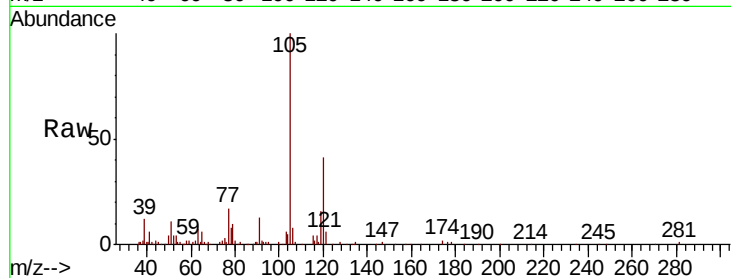
ClientSampleId :

Tot Ion:105 Resp: 163770

Ion Ratio Lower Upper

105 100

120 41.3 36.9 55.3



#76

1,4-Dichlorobenzene

Concen: 0.035 ppbv

RT: 17.20 min Scan# 4484

Delta R.T. 0.09 min

Lab File: VL036416.D

Acq: 1 Mar 2021 15:53

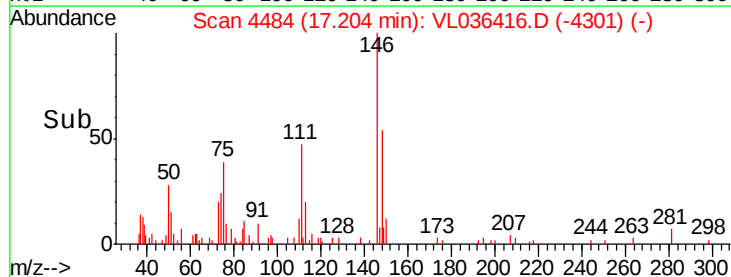
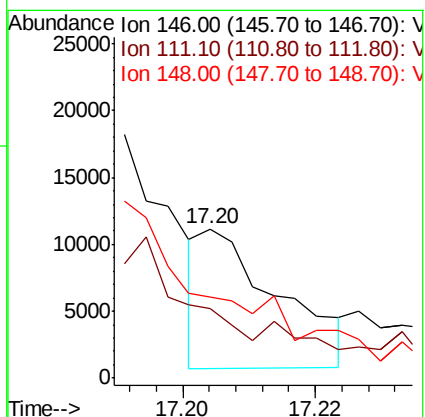
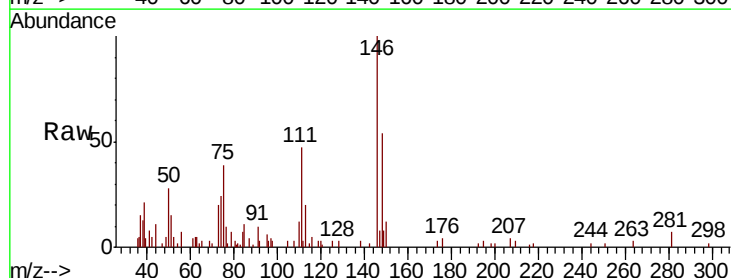
Tgt Ion:146 Resp: 8517

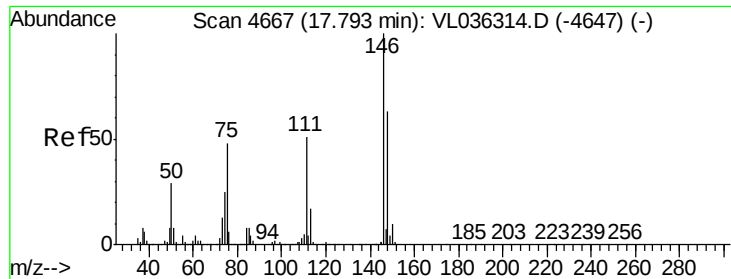
Ion Ratio Lower Upper

146 100

111 0.0 23.6 71.0#

148 0.0 31.6 95.0#





#77

1,2-Dichlorobenzene

Concen: 0.182 ppbv

RT: 17.86 min Scan# 4688

Delta R.T. 0.07 min

Lab File: VL036416.D

Acq: 1 Mar 2021 15:53

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion:146 Resp: 42129

Ion Ratio Lower Upper

146 100

111 0.0 25.9 77.8#

148 0.0 32.5 97.4#

