

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL101620\
 Data File : VL035785.D
 Acq On : 16 Oct 2020 13:56
 Operator : SY/AP
 Sample : VL1016ABS01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Oct 17 03:22:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL092320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Sep 23 07:38:05 2020
 QLast Update : Wed Sep 23 07:38:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1079220	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.18	114	4189857	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.10	117	5289723	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	3109247	7.84	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	78.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.03	85	1361608	7.689 ppbv	99
3) Chlorodifluoromethane	2.98	51	1210035	10.422 ppbv	99
4) Chloromethane	3.13	50	649774	10.418 ppbv	98
5) Vinyl Chloride	3.24	62	773655	10.487 ppbv	99
6) Bromomethane	3.46	94	638620	10.241 ppbv	98
7) Chloroethane	3.55	64	288619	10.667 ppbv	99
8) Dichlorotetrafluoroethane	3.18	85	2061381	9.597 ppbv	99
9) Propene	3.00	41	476014	11.292 ppbv	99
10) Heptane	8.12	43	1341565	11.415 ppbv	99
11) Trichlorofluoromethane	3.94	101	2490983	9.859 ppbv	98
12) 1,1,2-Trichlorotrifluoroet	4.47	101	1867627	9.916 ppbv	99
13) Ethanol	3.60	45	106614	10.255 ppbv	99
14) Bromoethene	3.73	108	846951	10.675 ppbv	100
15) Acetone	3.84	43	1063461	9.158 ppbv	99
16) 1,3-Butadiene	3.31	39	483589	11.383 ppbv	100
17) tert-Butyl alcohol	4.29	59	1469354	11.616 ppbv	99
18) 1,1-Dichloroethene	4.28	96	867763	10.523 ppbv	99
19) Isopropyl Alcohol	3.96	45	733238	11.607 ppbv	# 97
20) Methylene Chloride	4.33	84	729817	8.556 ppbv	96
21) Allyl Chloride	4.40	41	647148	11.497 ppbv	99
22) trans-1,2-Dichloroethene	4.88	96	903569	10.371 ppbv	97
23) Vinyl Acetate	5.07	43	1687144	11.862 ppbv	99
24) 1,1-Dichloroethane	5.01	63	1622060	10.470 ppbv	100
25) Ethyl Acetate	5.67	43	2209959	10.576 ppbv	100
26) Hexane	5.68	57	1222210	10.674 ppbv	99
27) Carbon Disulfide	4.54	76	1962056	11.496 ppbv	100
28) Methyl tert-Butyl Ether	5.03	73	2222823	12.246 ppbv	100
29) Chloroform	5.75	83	2397666	10.311 ppbv	99
30) Cyclohexane	7.13	84	1323128	11.712 ppbv	99
31) cis-1,2-Dichloroethene	5.55	61	1320138	11.943 ppbv	99
32) 1,1,1-Trichloroethane	6.51	97	2370851	11.566 ppbv	99
34) 2-Butanone	5.24	43	1533935	11.069 ppbv	100
35) Carbon Tetrachloride	7.02	117	2401716	10.994 ppbv	99
36) Benzene	6.89	78	3073129	11.256 ppbv	100
37) 1,2-Dichloroethane	6.30	62	1518149	10.669 ppbv	100
38) Trichloroethene	7.83	130	1489578	10.937 ppbv	99
39) 1,2-Dichloropropane	7.61	63	1068818	10.801 ppbv	98
40) 1,4-Dioxane	7.83	88	535627	11.836 ppbv	91
41) Tetrahydrofuran	6.05	42	862948	12.360 ppbv	100
42) Bromodichloromethane	7.79	83	2533371	11.052 ppbv	99
43) Methyl Methacrylate	8.01	69	1296344	11.939 ppbv	99

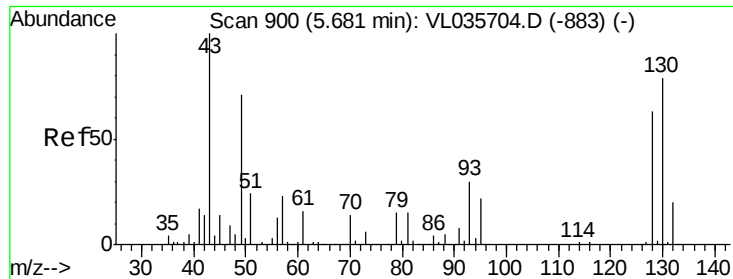
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL101620\
 Data File : VL035785.D
 Acq On : 16 Oct 2020 13:56
 Operator : SY/AP
 Sample : VL1016ABS01
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Quant Time: Oct 17 03:22:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL092320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Sep 23 07:38:05 2020
 QLast Update : Wed Sep 23 07:38:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	4151471	10.597	ppbv	99
45) t-1,3-Dichloropropene	9.28	75	1471898	13.427	ppbv	99
46) cis-1,3-Dichloropropene	8.71	75	1751458	12.961	ppbv	98
47) 1,1,2-Trichloroethane	9.48	97	1475835	10.412	ppbv	99
48) Dibromochloromethane	10.31	129	2468189	11.442	ppbv	100
49) Bromoform	13.05	173	2179864	11.909	ppbv	100
50) 4-Methyl-2-Pentanone	8.74	43	2249825	11.115	ppbv	100
51) 2-Hexanone	10.14	43	1885590	11.562	ppbv #	100
52) Tetrachloroethene	11.23	164	1426918	10.869	ppbv	98
53) Toluene	9.81	91	3805841	11.822	ppbv	100
54) 1,2-Dibromoethane	10.62	107	2297214	10.824	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.13	131	1892932	8.534	ppbv	96
57) Chlorobenzene	12.16	112	3165102	7.922	ppbv	99
58) Ethyl Benzene	12.72	91	4945401	9.315	ppbv	99
59) m/p-Xylene	13.01	91	4089649	8.820	ppbv #	28
60) o-Xylene	13.71	91	4070526	8.679	ppbv	100
61) Styrene	13.54	104	3224871	9.944	ppbv	100
62) Isopropylbenzene	14.68	105	6155641	8.462	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.69	83	2955879	7.686	ppbv	100
64) n-propylbenzene	15.58	120	1875281	8.808	ppbv	98
65) tert-Butylbenzene	16.76	119	5661606	8.560	ppbv	99
66) Benzyl Chloride	17.00	91	2108053	10.519	ppbv	98
67) sec-Butylbenzene	17.31	105	7591562	8.312	ppbv	99
69) p-Isopropyltoluene	17.67	119	6371698	8.575	ppbv	99
70) n-Butylbenzene	18.57	91	6304224	8.239	ppbv	99
71) 2-Chlorotoluene	15.47	91	4703214	8.863	ppbv	100
72) 4-Ethyltoluene	15.85	105	4983611	8.970	ppbv	100
73) 1,3,5-Trimethylbenzene	16.01	105	4636950	8.832	ppbv	98
74) 1,2,4-Trimethylbenzene	16.78	105	4793513	8.099	ppbv	97
75) 1,3-Dichlorobenzene	17.01	146	3160388	7.821	ppbv	99
76) 1,4-Dichlorobenzene	17.16	146	3189174	8.257	ppbv	100
77) 1,2-Dichlorobenzene	17.83	146	3107437	8.142	ppbv	100
78) Hexachloro-1,3-Butadiene	23.40	225	1725798	8.196	ppbv	100
79) Naphthalene	22.22	128	4685106	8.299	ppbv	99
80) Naphthalene, 2-methyl-	24.99	142	1253182	9.411	ppbv	98
81) 1,2,4-Trichlorobenzene	21.95	180	2445176	8.358	ppbv	100

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 895

Delta R.T. -0.02 min

Lab File: VL035785.D

Acq: 16 Oct 2020 13:56

Instrument :

MSVOA_L

ClientSampleId :

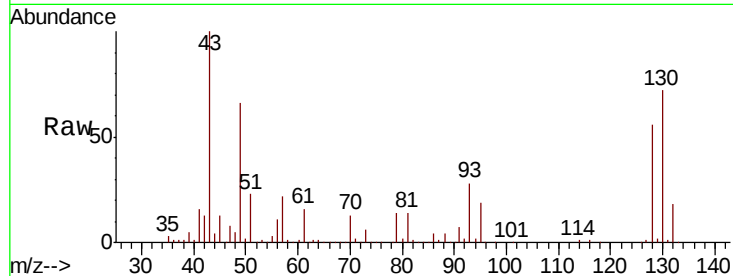
Tot Ion: 49 Resp: 1079220

Ion Ratio Lower Upper

49 100

128 83.6 43.1 129.4

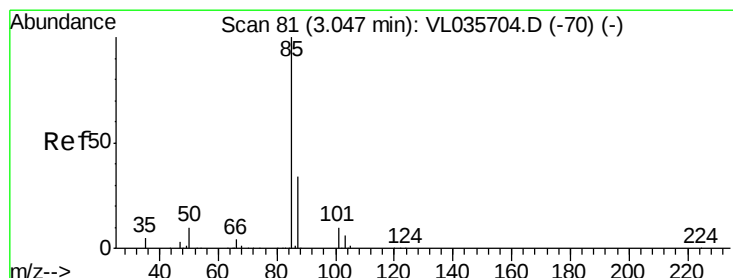
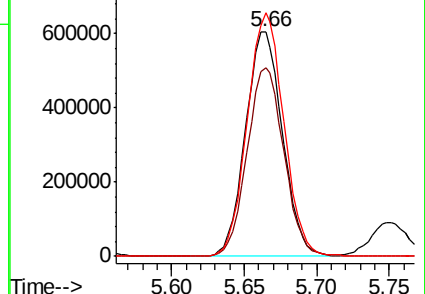
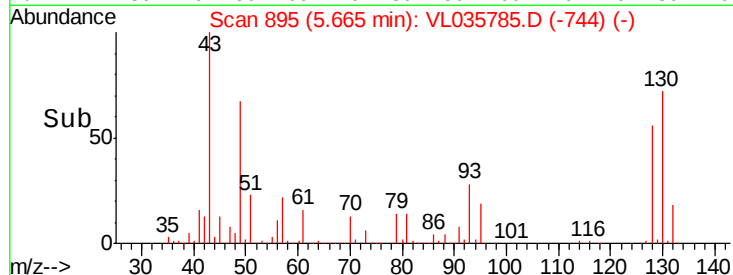
130 107.3 54.9 164.7



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 7.689 ppbv

RT: 3.03 min Scan# 77

Delta R.T. -0.01 min

Lab File: VL035785.D

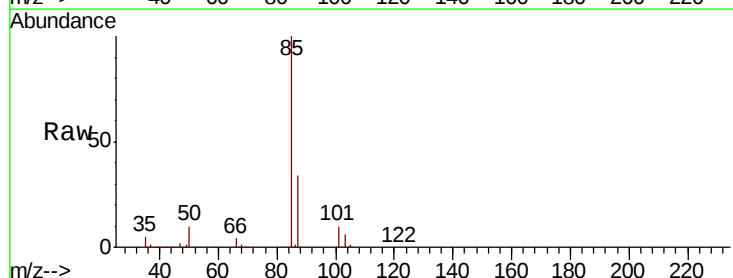
Acq: 16 Oct 2020 13:56

Tgt Ion: 85 Resp: 1361608

Ion Ratio Lower Upper

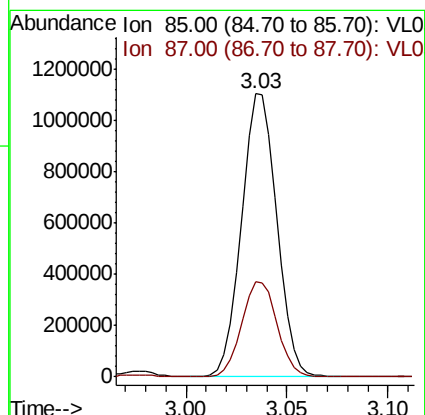
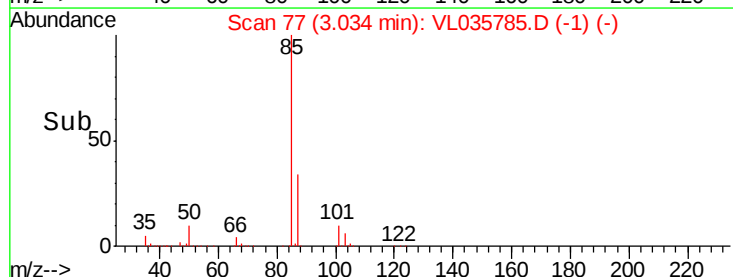
85 100

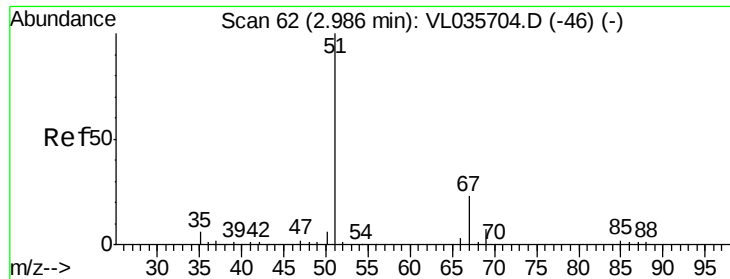
87 33.6 27.3 40.9



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 10.422 ppbv

RT: 2.98 min Scan# 59

Delta R.T. -0.01 min

Lab File: VL035785.D

Acq: 16 Oct 2020 13:56

Instrument :

MSVOA_L

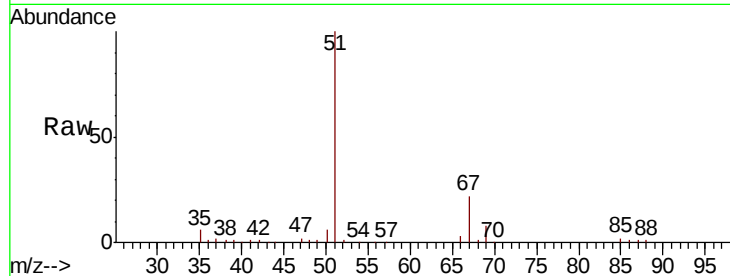
ClientSampleId :

Tot Ion: 51 Resp: 1210035

Ion Ratio Lower Upper

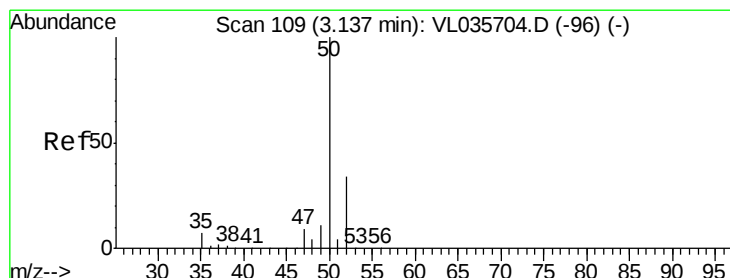
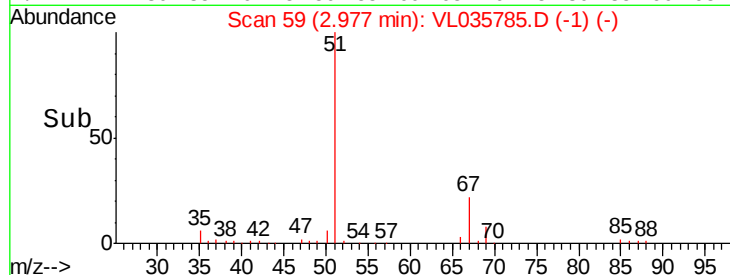
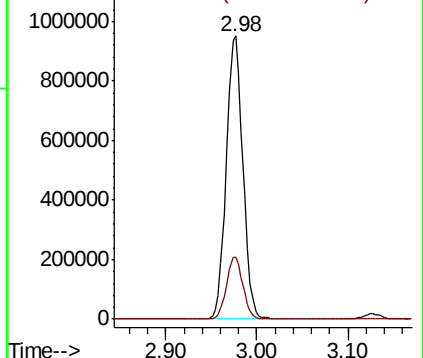
51 100

67 21.9 17.8 26.8



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 10.418 ppbv

RT: 3.13 min Scan# 106

Delta R.T. -0.01 min

Lab File: VL035785.D

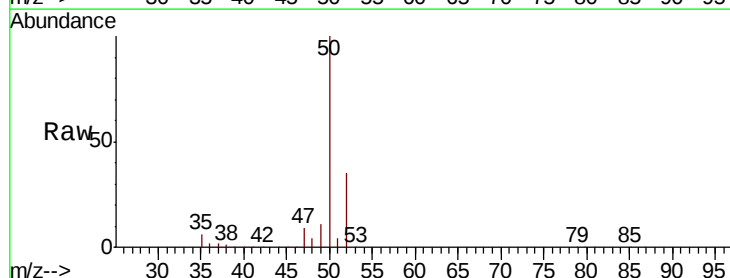
Acq: 16 Oct 2020 13:56

Tgt Ion: 50 Resp: 649774

Ion Ratio Lower Upper

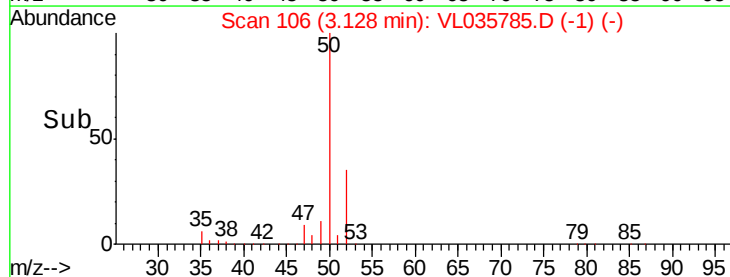
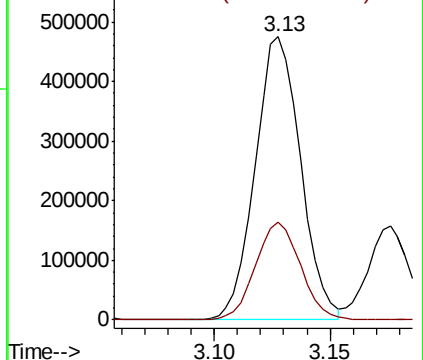
50 100

52 34.7 26.8 40.2



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 10.487 ppbv

RT: 3.24 min Scan# 142

Delta R.T. -0.01 min

Lab File: VL035785.D

Acq: 16 Oct 2020 13:56

Instrument :

MSVOA_L

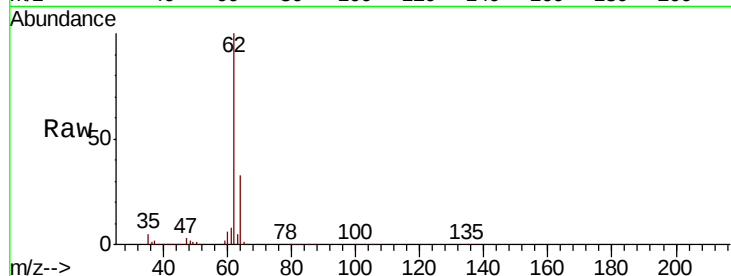
ClientSampleId :

Tot Ion: 62 Resp: 773655

Ion Ratio Lower Upper

62 100

64 33.0 26.8 40.2



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0

3.24

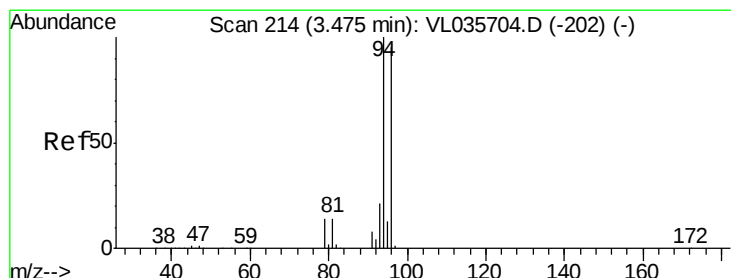
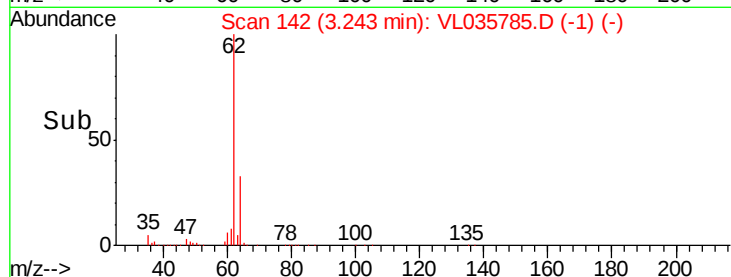
600000

400000

200000

0

Time-->



#6

Bromomethane

Concen: 10.241 ppbv

RT: 3.46 min Scan# 210

Delta R.T. -0.01 min

Lab File: VL035785.D

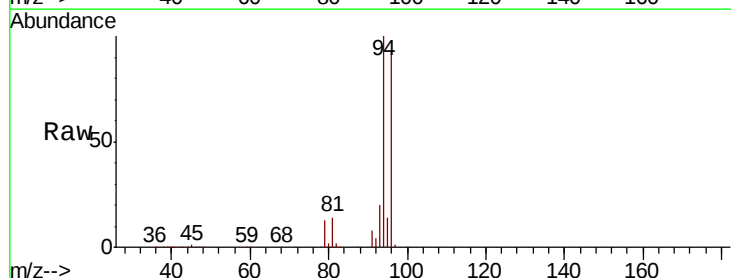
Acq: 16 Oct 2020 13:56

Tgt Ion: 94 Resp: 638620

Ion Ratio Lower Upper

94 100

96 93.4 76.3 114.5



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0

3.46

500000

400000

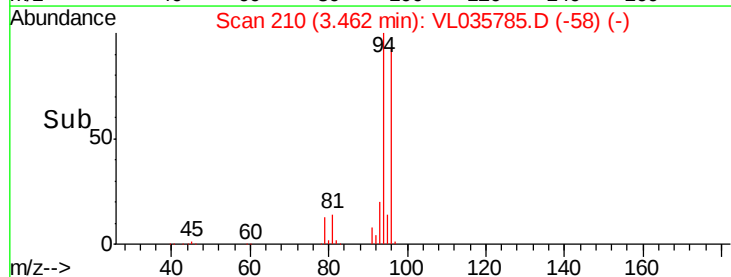
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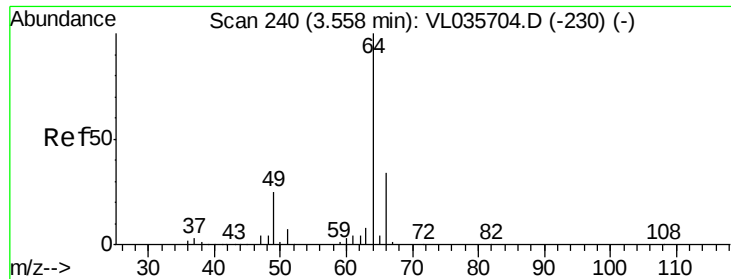
200000

100000

0

Time-->





#7

Chloroethane

Concen: 10.667 ppbv

RT: 3.55 min Scan# 236

Delta R.T. -0.01 min

Lab File: VL035785.D

Acq: 16 Oct 2020 13:56

Instrument :

MSVOA_L

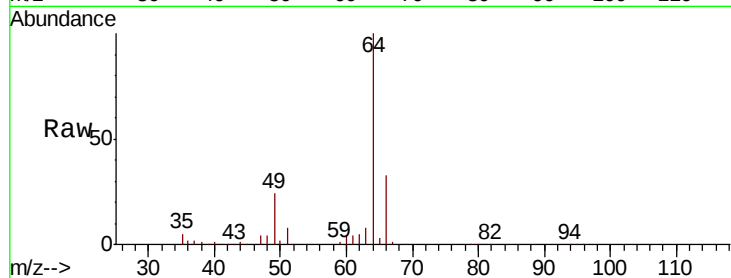
ClientSampleId :

Tot Ion: 64 Resp: 288619

Ion Ratio Lower Upper

64 100

66 32.9 26.9 40.3



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0

250000

200000

150000

100000

50000

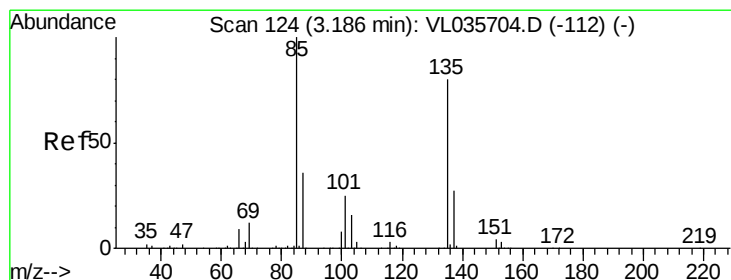
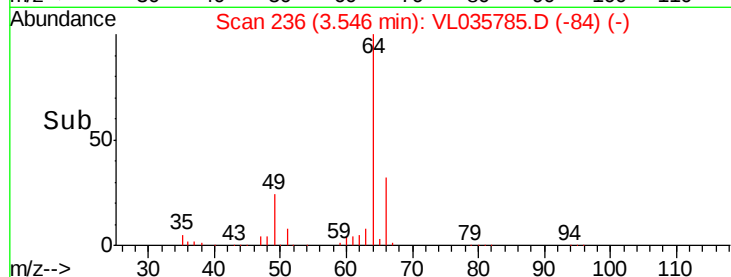
0

3.50

3.55

3.60

Time-->



#8

Dichlorotetrafluoroethane

Concen: 9.597 ppbv

RT: 3.18 min Scan# 121

Delta R.T. -0.01 min

Lab File: VL035785.D

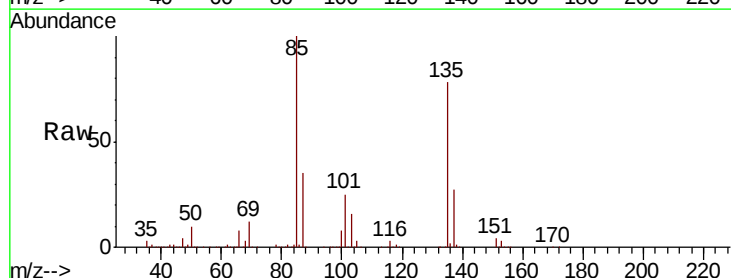
Acq: 16 Oct 2020 13:56

Tgt Ion: 85 Resp: 2061381

Ion Ratio Lower Upper

85 100

135 79.4 64.3 96.5



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V

1500000

1000000

500000

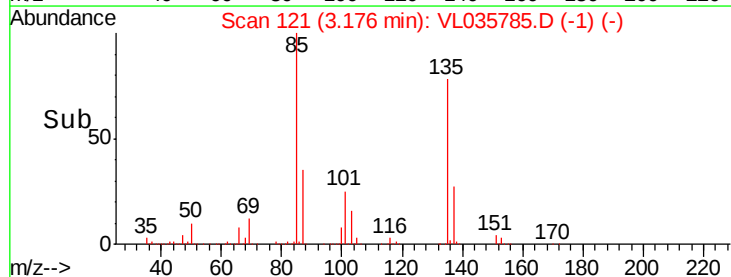
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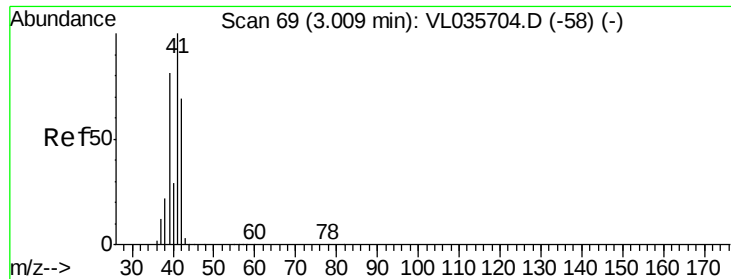
3.15

3.18

3.20

Time-->





#9

Propene

Concen: 11.292 ppbv

RT: 3.00 min Scan# 65

Delta R.T. -0.01 min

Lab File: VL035785.D

Acq: 16 Oct 2020 13:56

Instrument :

MSVOA_L

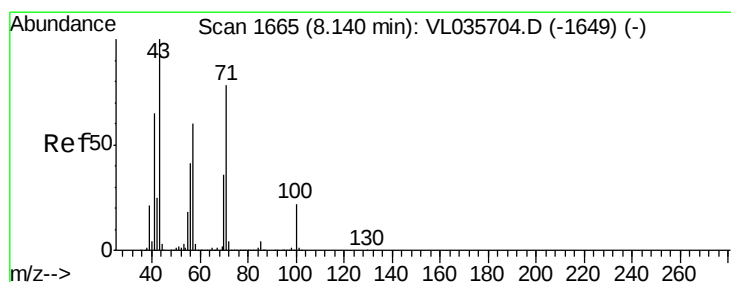
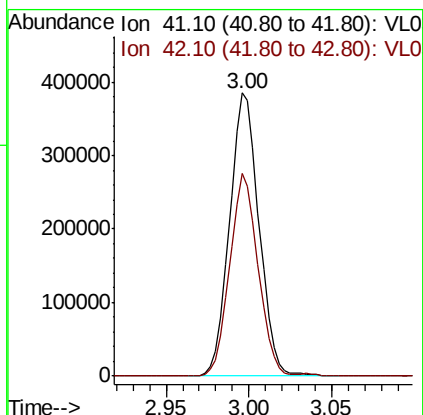
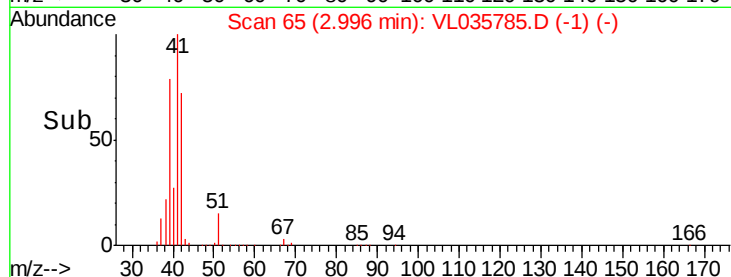
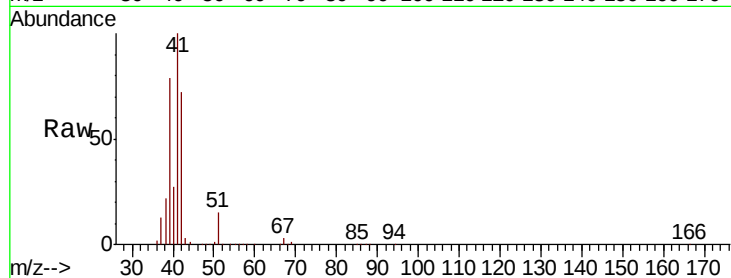
ClientSampleId :

Tot Ion: 41 Resp: 476014

Ion Ratio Lower Upper

41 100

42 69.5 56.2 84.4



#10

Heptane

Concen: 11.415 ppbv

RT: 8.12 min Scan# 1659

Delta R.T. -0.02 min

Lab File: VL035785.D

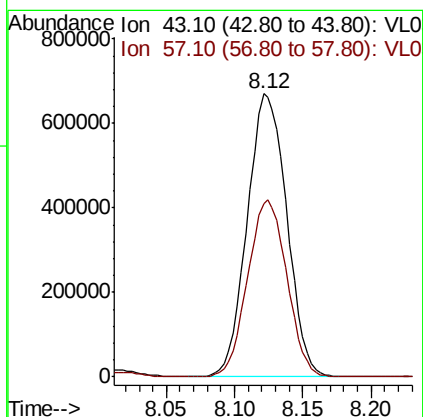
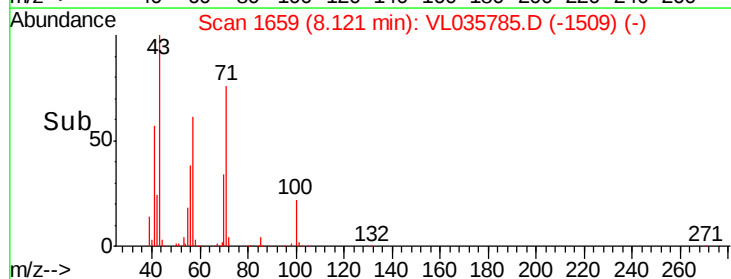
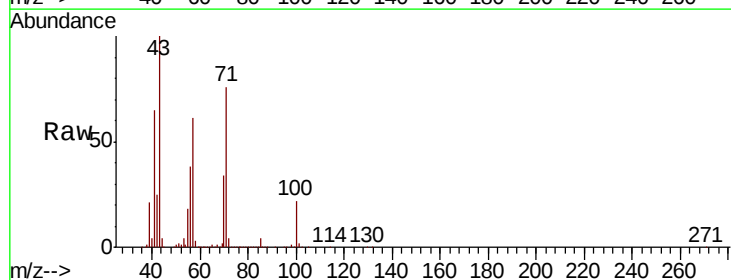
Acq: 16 Oct 2020 13:56

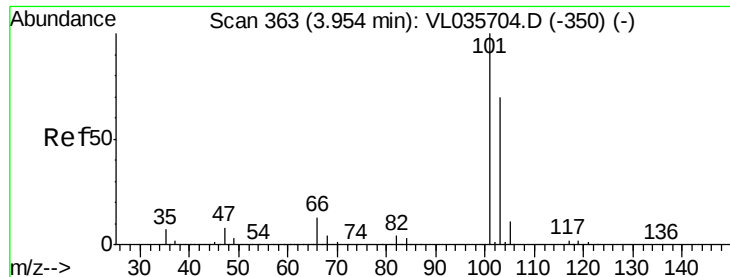
Tgt Ion: 43 Resp: 1341565

Ion Ratio Lower Upper

43 100

57 62.3 50.4 75.6





#11

Trichlorofluoromethane

Concen: 9.859 ppbv

RT: 3.94 min Scan# 359

Delta R.T. -0.01 min

Lab File: VL035785.D

Acq: 16 Oct 2020 13:56

Instrument :

MSVOA_L

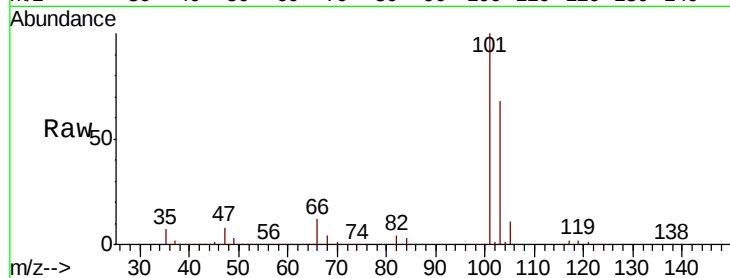
ClientSampleId :

Tot Ion:101 Resp: 2490983

Ion Ratio Lower Upper

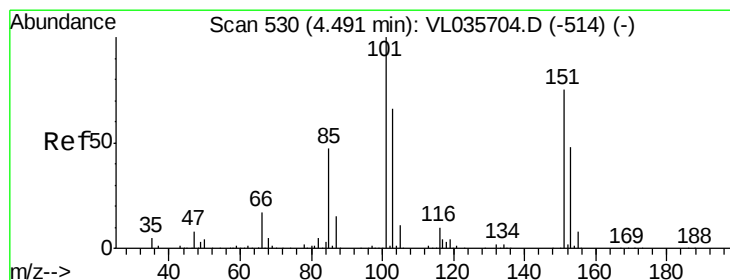
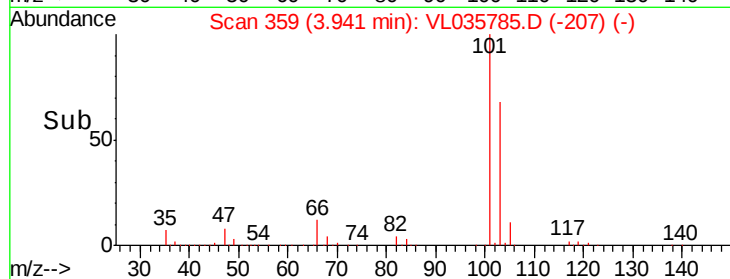
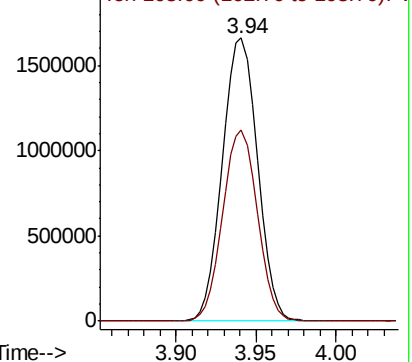
101 100

103 67.6 55.6 83.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#12

1,1,2-Trichlorotrifluoroethane

Concen: 9.916 ppbv

RT: 4.47 min Scan# 525

Delta R.T. -0.02 min

Lab File: VL035785.D

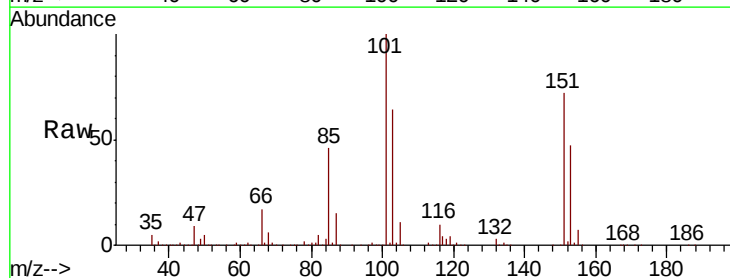
Acq: 16 Oct 2020 13:56

Tgt Ion:101 Resp: 1867627

Ion Ratio Lower Upper

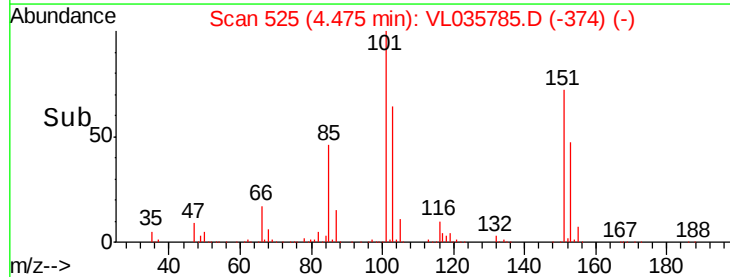
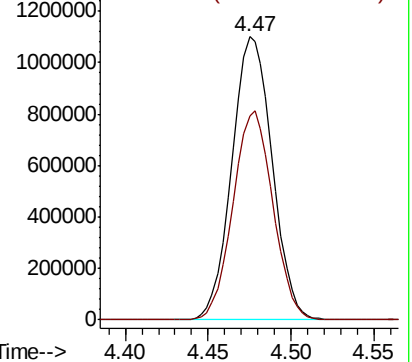
101 100

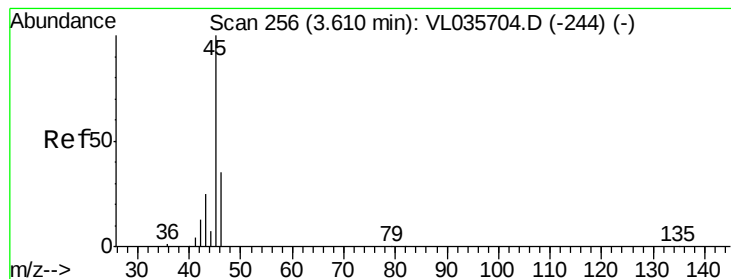
151 73.4 59.1 88.7



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V





#13

Ethanol

Concen: 10.255 ppbv

RT: 3.60 min Scan# 253

Delta R.T. -0.01 min

Lab File: VL035785.D

Acq: 16 Oct 2020 13:56

Instrument :

MSVOA_L

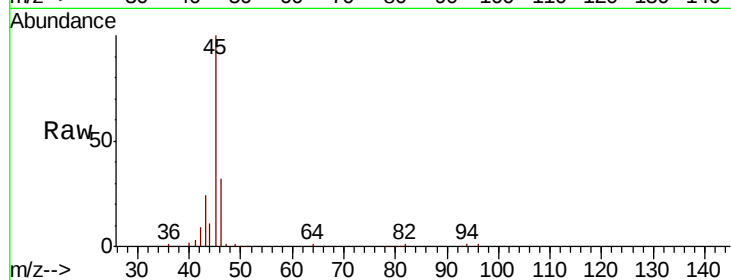
ClientSampleId :

Tot Ion: 45 Resp: 106614

Ion Ratio Lower Upper

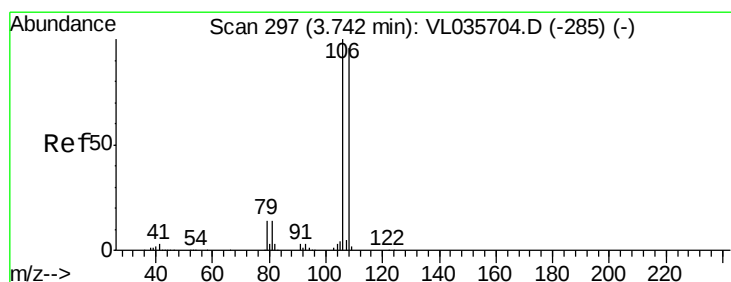
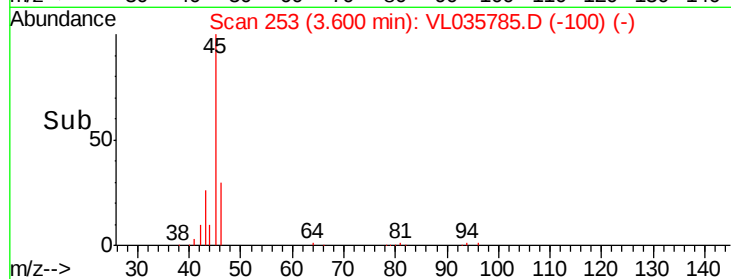
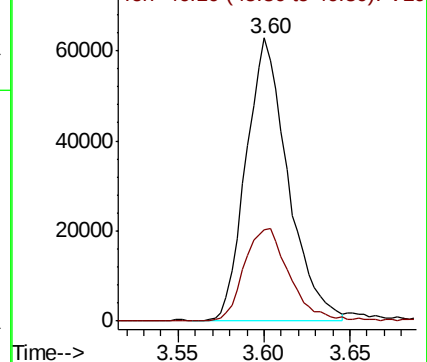
45 100

46 35.9 14.7 58.7



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0



#14

Bromoethene

Concen: 10.675 ppbv

RT: 3.73 min Scan# 293

Delta R.T. -0.01 min

Lab File: VL035785.D

Acq: 16 Oct 2020 13:56

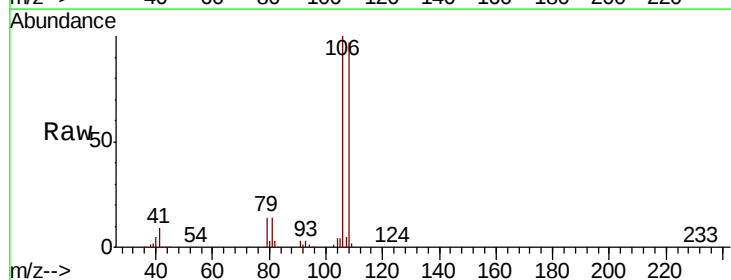
Tgt Ion: 108 Resp: 846951

Ion Ratio Lower Upper

108 100

106 106.0 84.6 126.8

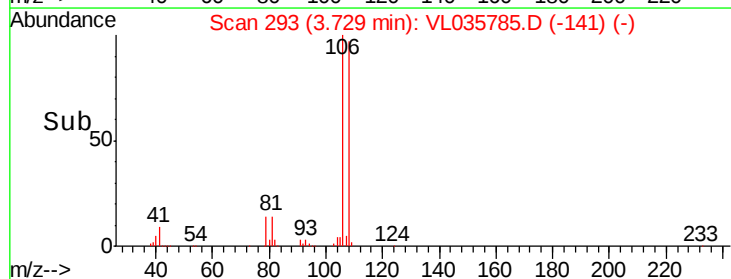
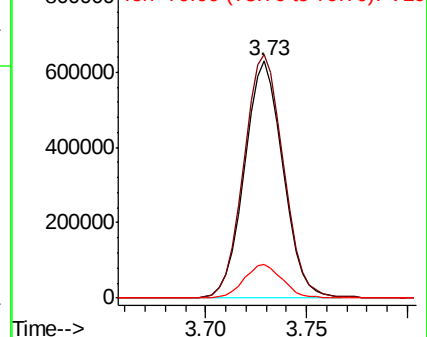
79 14.3 11.6 17.4

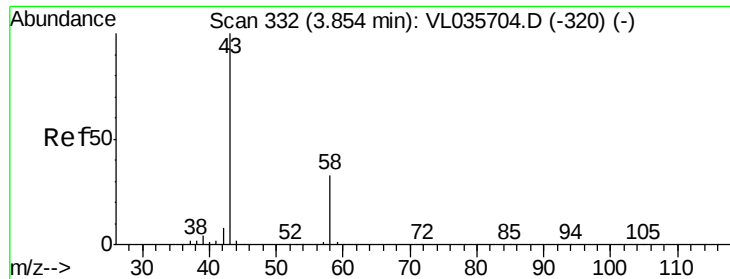


Abundance Ion 108.00 (107.70 to 108.70): V

Ion 106.00 (105.70 to 106.70): V

Ion 79.00 (78.70 to 79.70): VL0





#15

Acetone

Concen: 9.158 ppbv

RT: 3.84 min Scan# 328

Delta R.T. -0.01 min

Lab File: VL035785.D

Acq: 16 Oct 2020 13:56

Instrument :

MSVOA_L

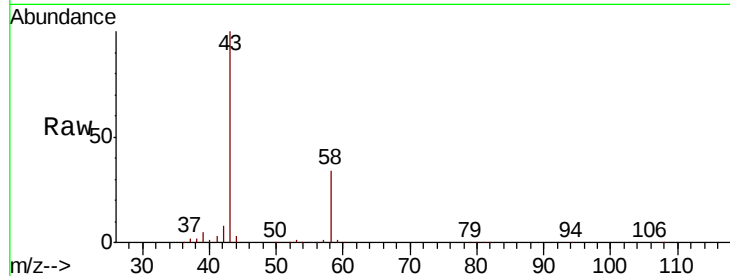
ClientSampleId :

Tot Ion: 43 Resp: 1063461

Ion Ratio Lower Upper

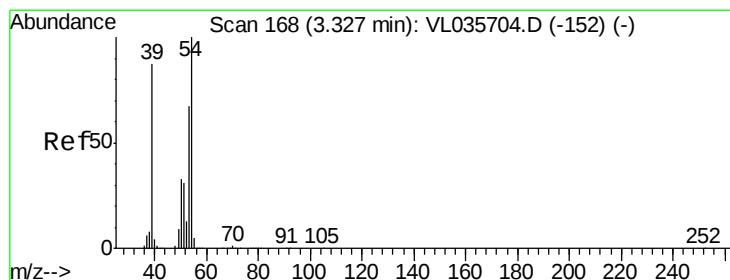
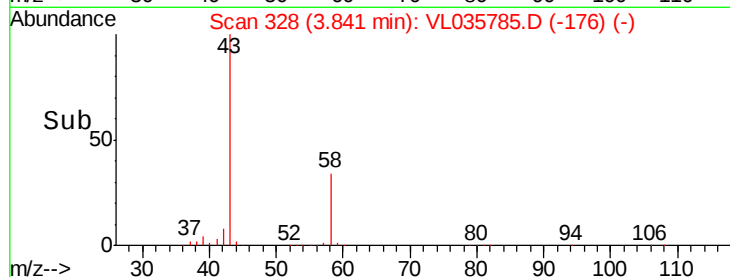
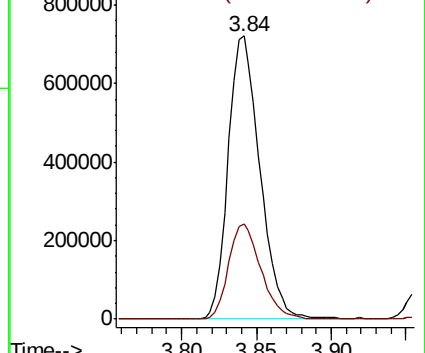
43 100

58 34.4 27.3 40.9



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#16

1,3-Butadiene

Concen: 11.383 ppbv

RT: 3.31 min Scan# 164

Delta R.T. -0.01 min

Lab File: VL035785.D

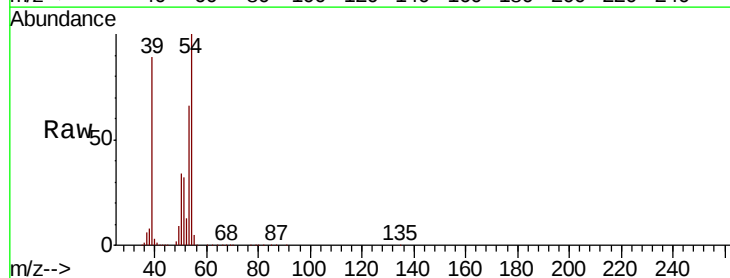
Acq: 16 Oct 2020 13:56

Tgt Ion: 39 Resp: 483589

Ion Ratio Lower Upper

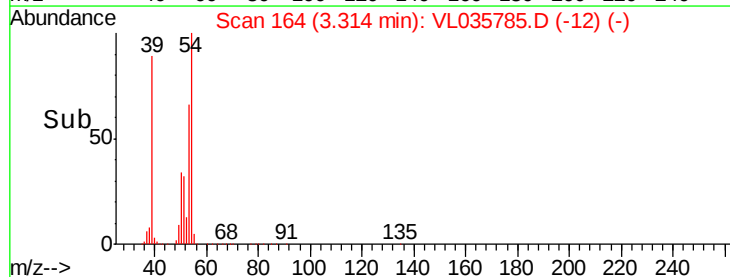
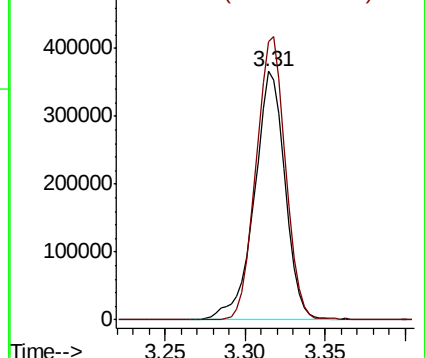
39 100

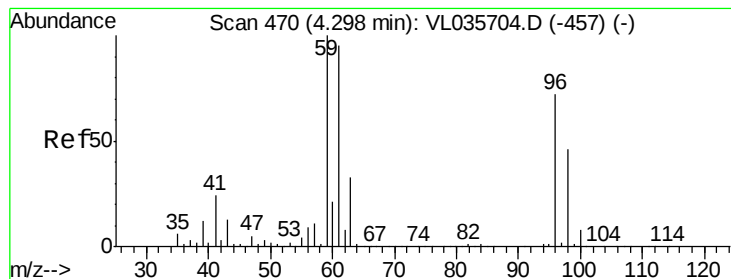
54 109.1 87.4 131.0



Abundance Ion 39.10 (38.80 to 39.80): VL0

Ion 54.10 (53.80 to 54.80): VL0





#17

tert-Butyl alcohol

Concen: 11.616 ppbv

RT: 4.29 min Scan# 467

Delta R.T. -0.01 min

Lab File: VL035785.D

Acq: 16 Oct 2020 13:56

Instrument :

MSVOA_L

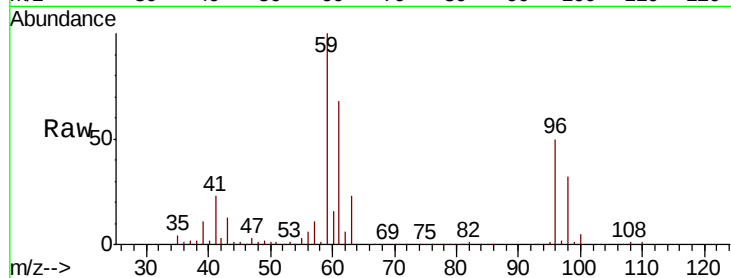
ClientSampled :

Tot Ion: 59 Resp: 1469354

Ion Ratio Lower Upper

59 100

57 10.3 8.5 12.7



Abundance Ion 59.10 (58.80 to 59.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

4.29

800000

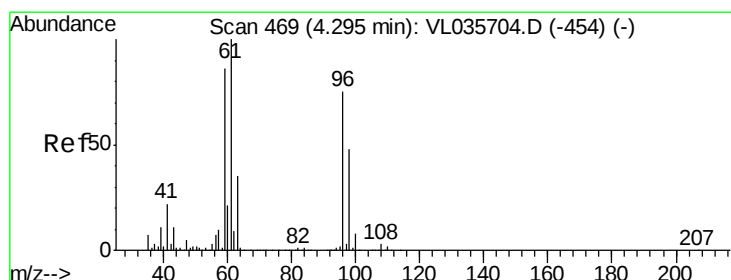
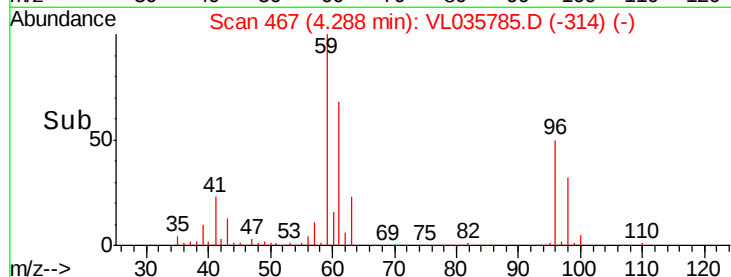
600000

400000

200000

0

Time-->



#18

1,1-Dichloroethene

Concen: 10.523 ppbv

RT: 4.28 min Scan# 464

Delta R.T. -0.02 min

Lab File: VL035785.D

Acq: 16 Oct 2020 13:56

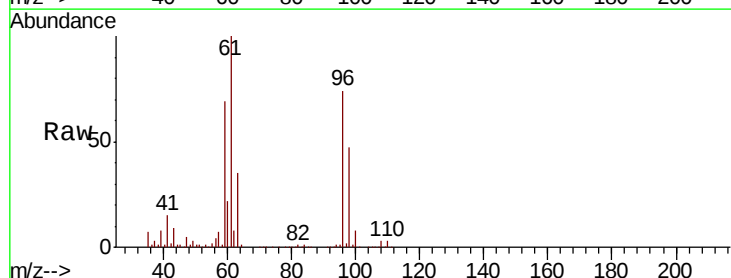
Tgt Ion: 96 Resp: 867763

Ion Ratio Lower Upper

96 100

61 135.0 106.7 160.1

98 63.4 50.8 76.2



Abundance Ion 96.00 (95.70 to 96.70): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

1000000

800000

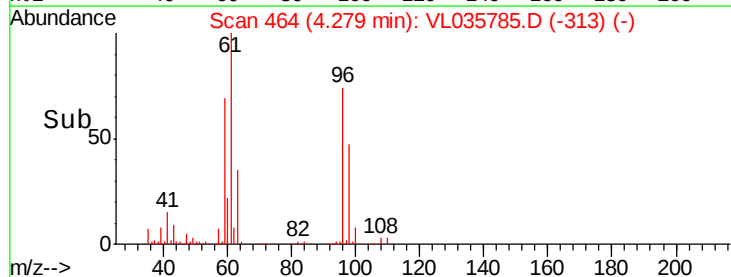
600000

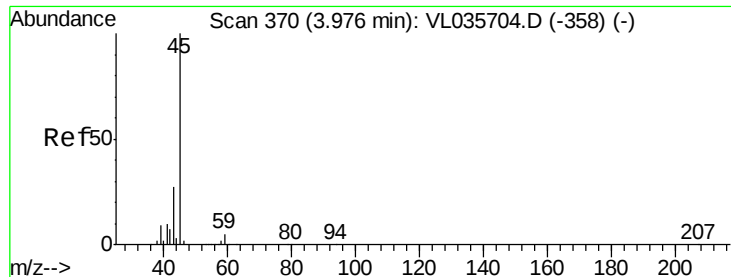
400000

200000

0

Time-->



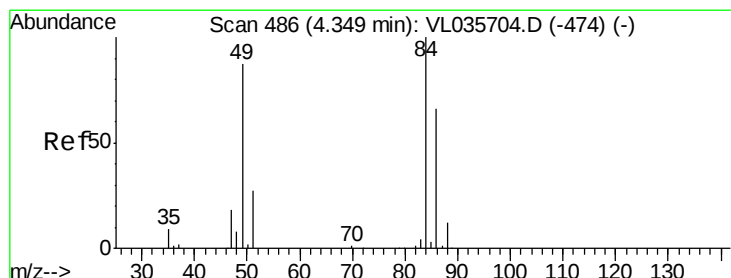
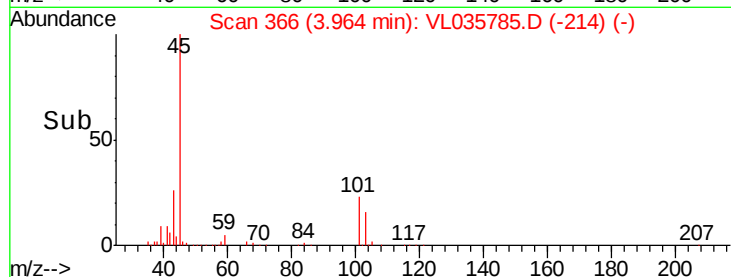
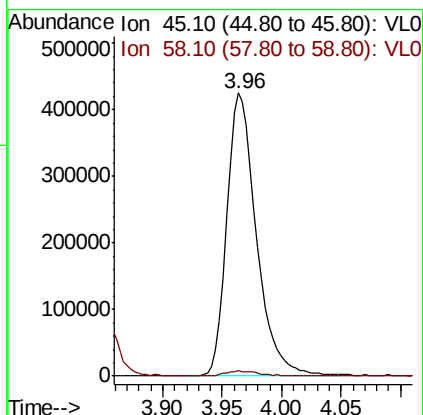
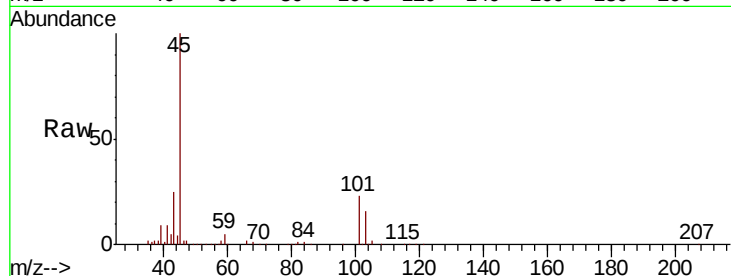


#19

Isopropyl Alcohol
 Concen: 11.607 ppbv
 RT: 3.96 min Scan# 366
 Delta R.T. -0.01 min
 Lab File: VL035785.D
 Acq: 16 Oct 2020 13:56

Instrument :
 MSVOA_L
 ClientSampleId :

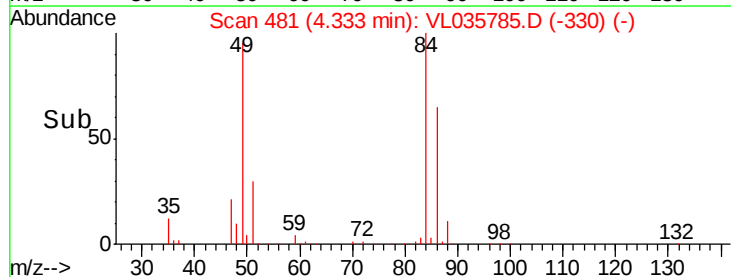
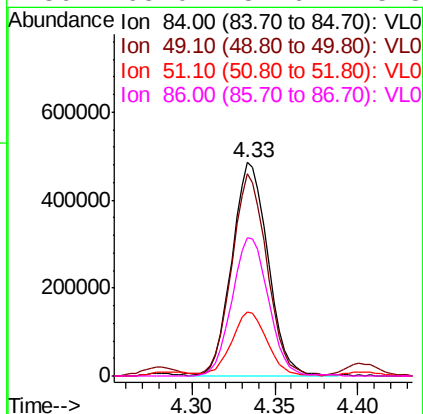
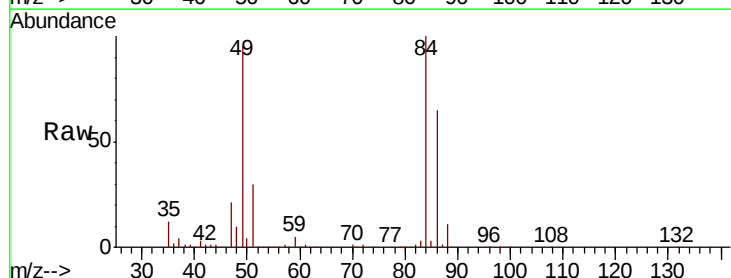
Tot Ion: 45 Resp: 733238
 Ion Ratio Lower Upper
 45 100
 58 2.5 2.8 4.2#

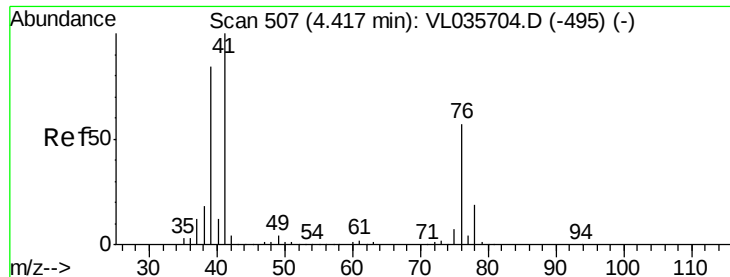


#20

Methylene Chloride
 Concen: 8.556 ppbv
 RT: 4.33 min Scan# 481
 Delta R.T. -0.02 min
 Lab File: VL035785.D
 Acq: 16 Oct 2020 13:56

Tgt Ion: 84 Resp: 729817
 Ion Ratio Lower Upper
 84 100
 49 93.8 69.8 104.6
 51 29.4 21.8 32.8
 86 65.0 52.6 78.8

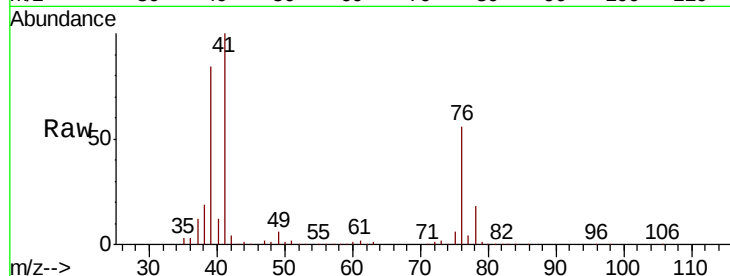




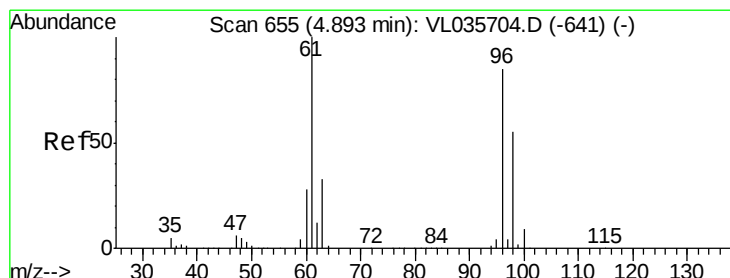
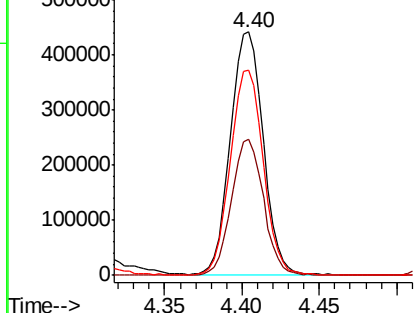
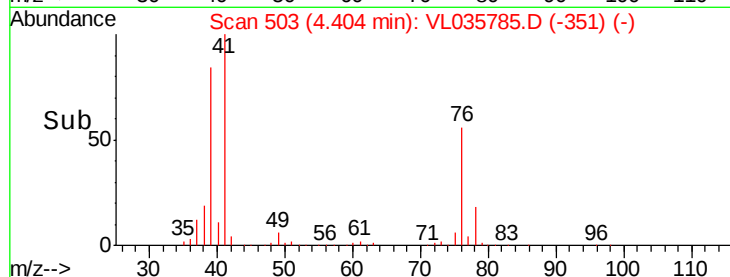
#21
Allvl Chloride
Concen: 11.497 ppbv
RT: 4.40 min Scan# 503
Delta R.T. -0.01 min
Lab File: VL035785.D
Acq: 16 Oct 2020 13:56

Instrument :
MSVOA_L
ClientSampled :

Tot Ion: 41 Resp: 647148
Ion Ratio Lower Upper
41 100
76 54.8 44.8 67.2
39 84.8 68.4 102.6

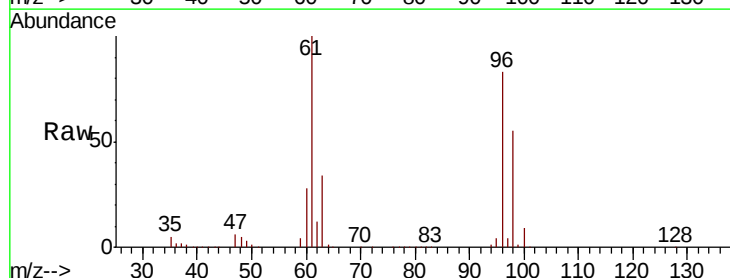


Abundance Ion 41.10 (40.80 to 41.80): VL0
Ion 76.10 (75.80 to 76.80): VL0
Ion 39.10 (38.80 to 39.80): VL0

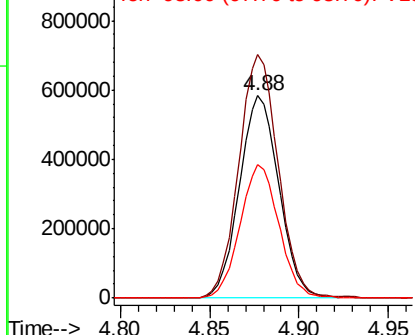
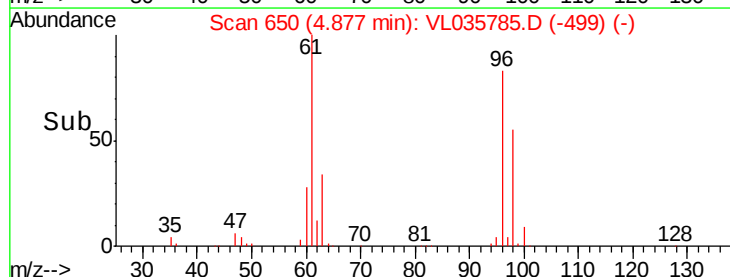


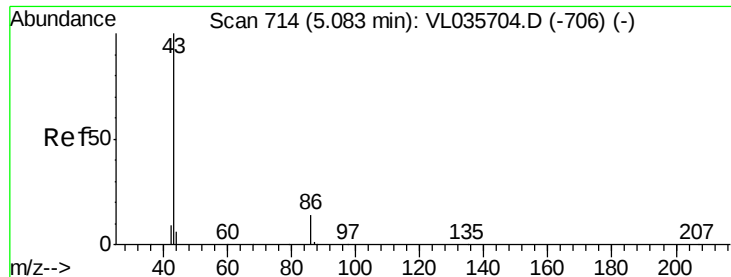
#22
trans-1,2-Dichloroethene
Concen: 10.371 ppbv
RT: 4.88 min Scan# 650
Delta R.T. -0.02 min
Lab File: VL035785.D
Acq: 16 Oct 2020 13:56

Tgt Ion: 96 Resp: 903569
Ion Ratio Lower Upper
96 100
61 120.5 93.7 140.5
98 66.3 51.2 76.8



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





#23

Vinyl Acetate

Concen: 11.862 ppbv

RT: 5.07 min Scan# 710

Delta R.T. -0.01 min

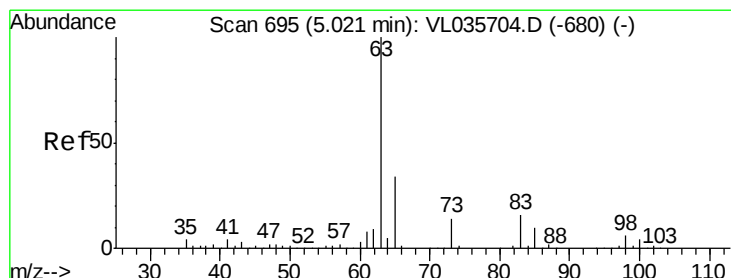
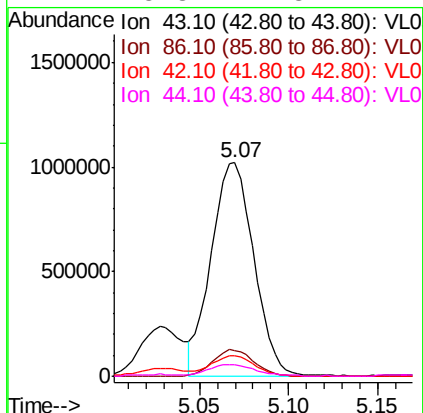
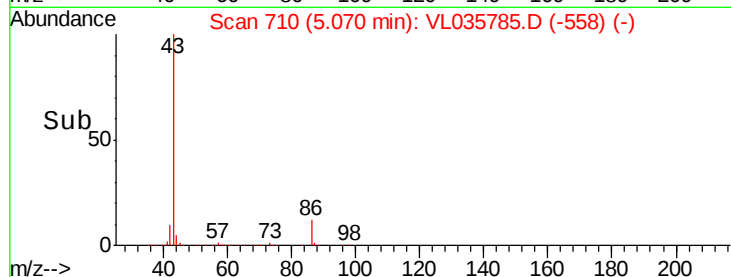
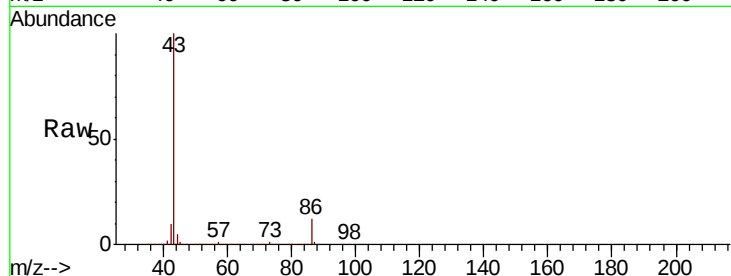
Lab File: VL035785.D

Acq: 16 Oct 2020 13:56

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 43 Resp: 1687144

Ion	Ratio	Lower	Upper
43	100		
86	12.2	9.7	14.5
42	9.7	7.9	11.9
44	5.3	4.8	7.2



#24

1,1-Dichloroethane

Concen: 10.470 ppbv

RT: 5.01 min Scan# 690

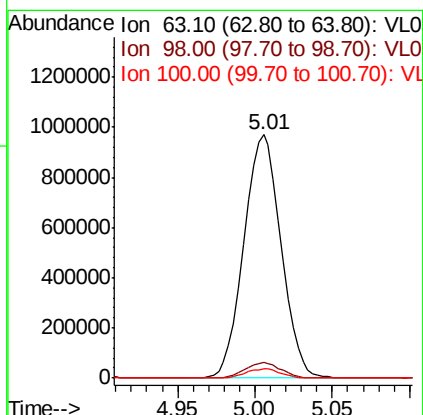
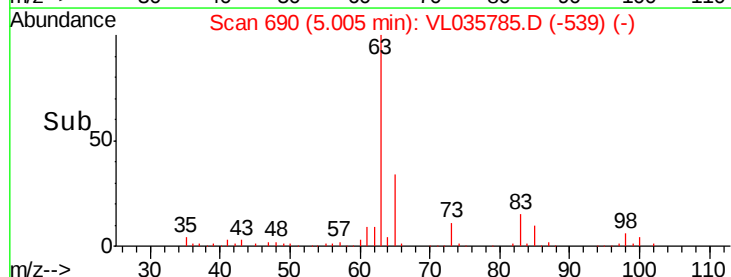
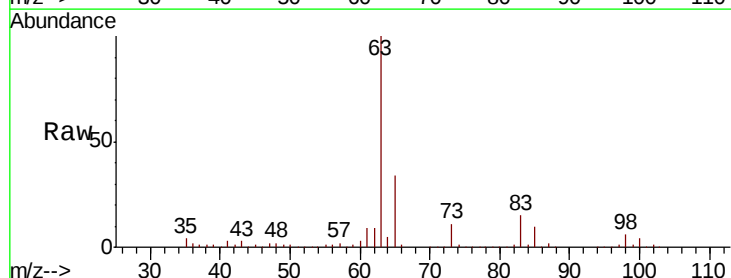
Delta R.T. -0.02 min

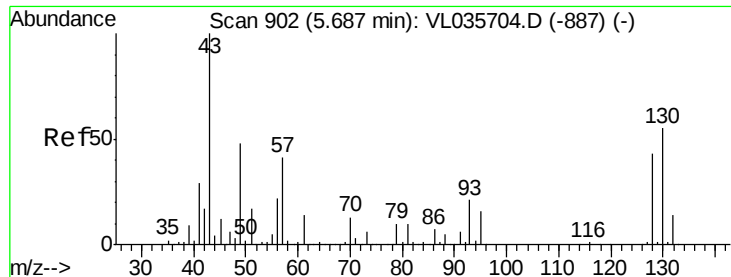
Lab File: VL035785.D

Acq: 16 Oct 2020 13:56

Tgt Ion: 63 Resp: 1622060

Ion	Ratio	Lower	Upper
63	100		
98	6.3	3.3	9.8
100	3.9	2.0	5.8



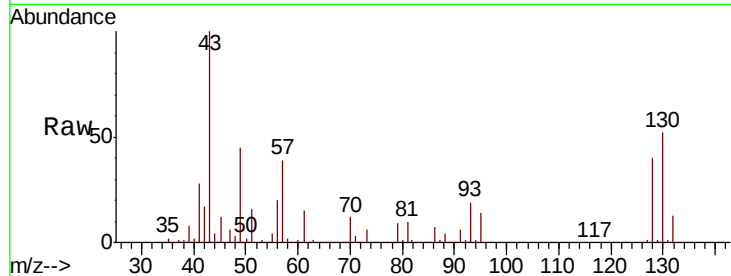


#25
Ethyl Acetate
Concen: 10.576 ppbv
RT: 5.67 min Scan# 897
Delta R.T. -0.02 min
Lab File: VL035785.D
Acq: 16 Oct 2020 13:56

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 43 Resp: 2209959

Ion	Ratio	Lower	Upper
43	100		
45	10.6	8.6	12.8
61	12.9	10.4	15.6
70	11.0	8.9	13.3



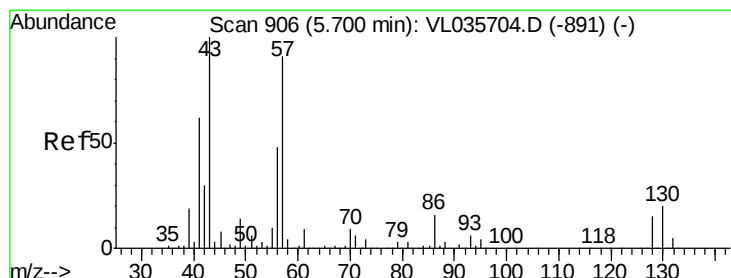
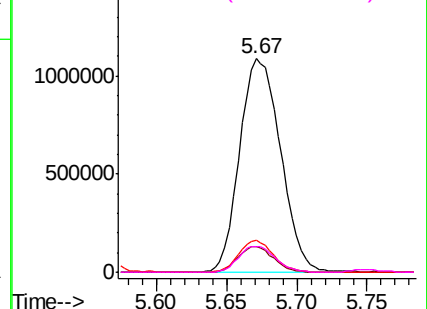
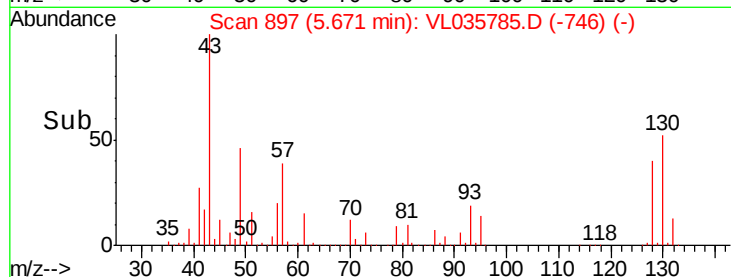
Abundance

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

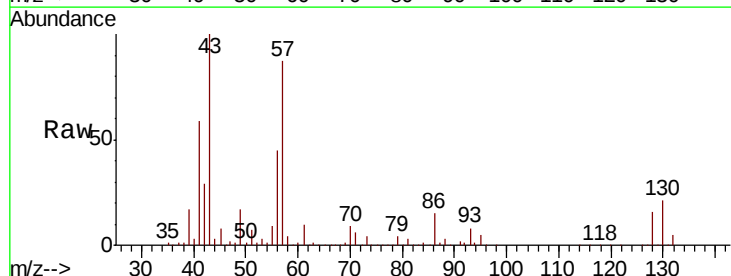
Ion 70.10 (69.80 to 70.80): VL0



#26
Hexane
Concen: 10.674 ppbv
RT: 5.68 min Scan# 901
Delta R.T. -0.02 min
Lab File: VL035785.D
Acq: 16 Oct 2020 13:56

Tgt Ion: 57 Resp: 1222210

Ion	Ratio	Lower	Upper
57	100		
41	71.7	57.9	86.9
43	181.9	143.8	215.6
56	52.3	43.0	64.6



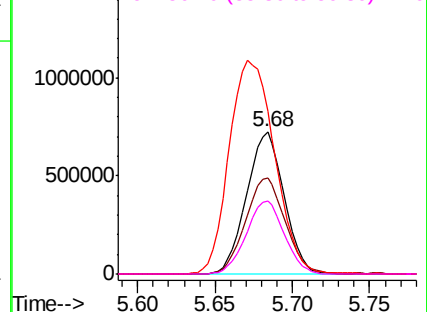
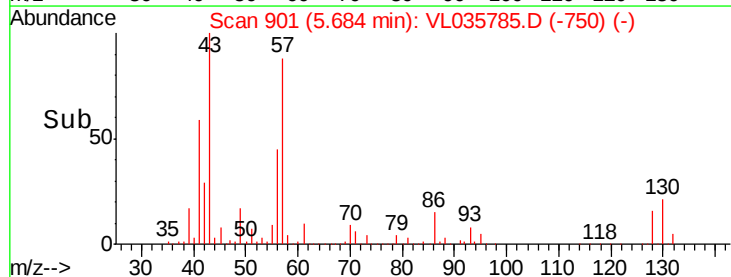
Abundance

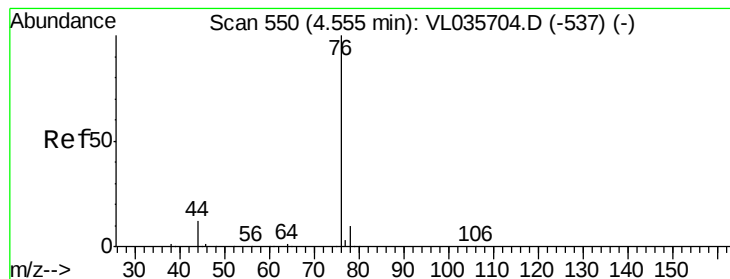
Ion 57.10 (56.80 to 57.80): VL0

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: 11.496 ppbv

RT: 4.54 min Scan# 545

Delta R.T. -0.02 min

Lab File: VL035785.D

Acq: 16 Oct 2020 13:56

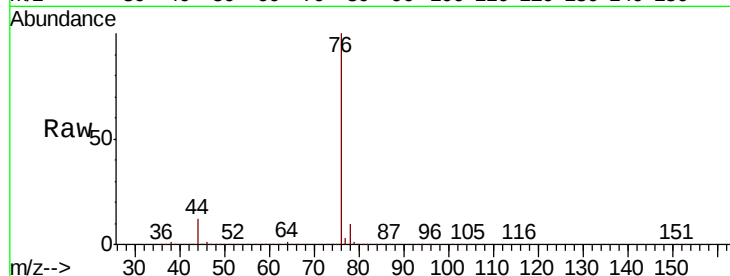
Instrument :

MSVOA_L

ClientSampleId :

Tot Ion: 76 Resp: 1962056

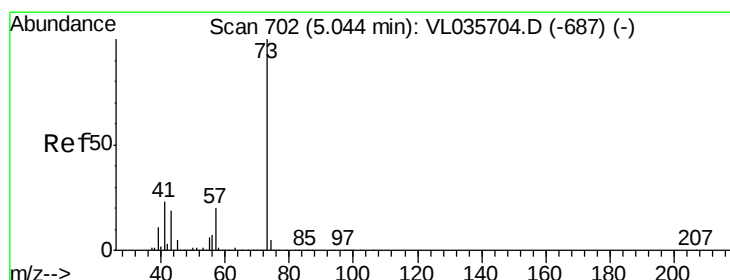
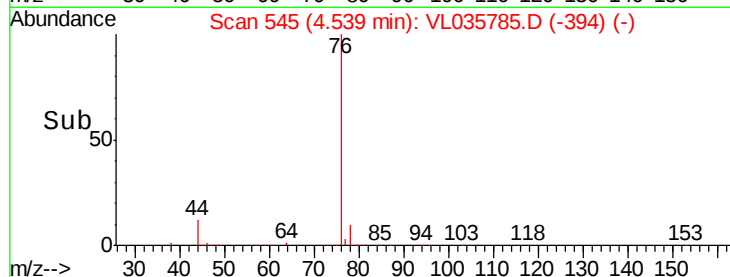
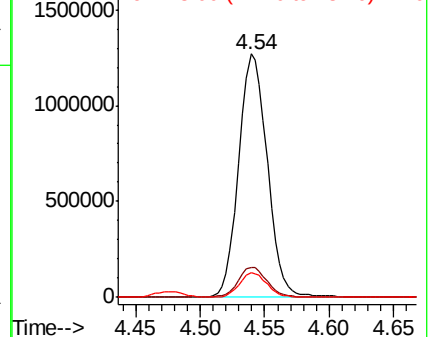
Ion	Ratio	Lower	Upper
76	100		
44	12.3	9.7	14.5
78	9.7	7.8	11.8



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: 12.246 ppbv

RT: 5.03 min Scan# 697

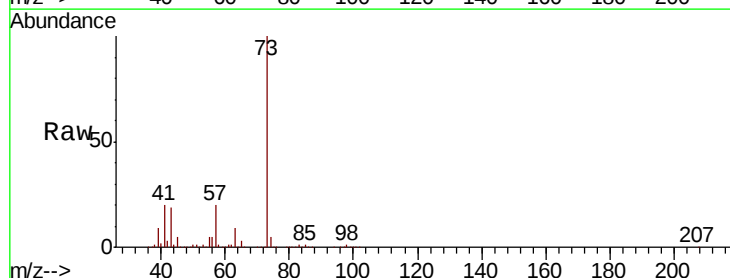
Delta R.T. -0.02 min

Lab File: VL035785.D

Acq: 16 Oct 2020 13:56

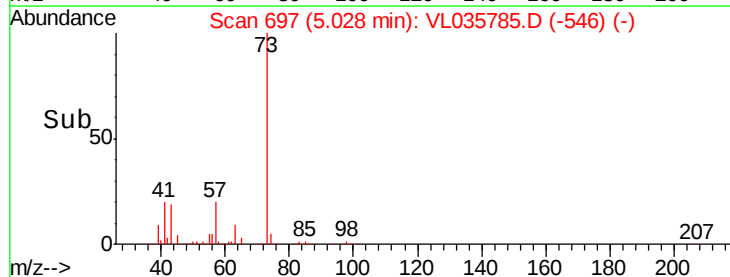
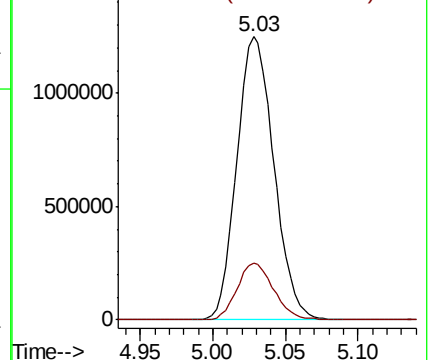
Tgt Ion: 73 Resp: 2222823

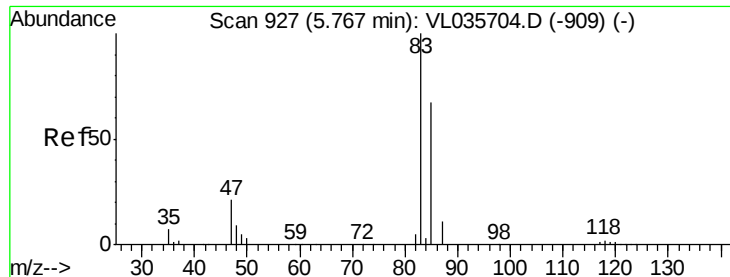
Ion	Ratio	Lower	Upper
73	100		
57	19.7	15.6	23.4



Abundance Ion 73.10 (72.80 to 73.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

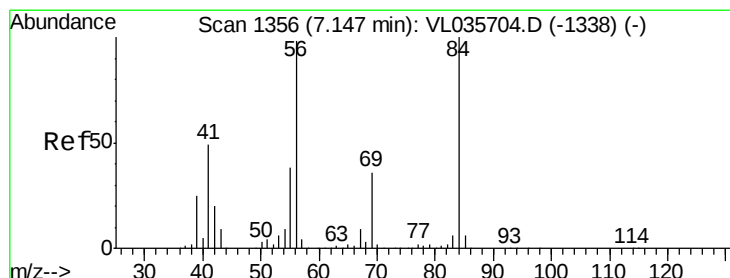
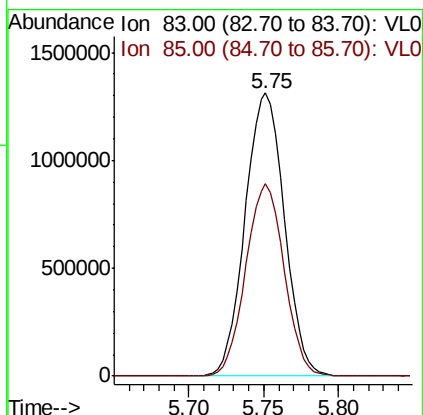
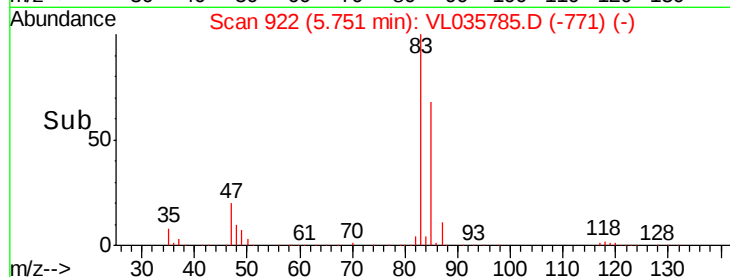
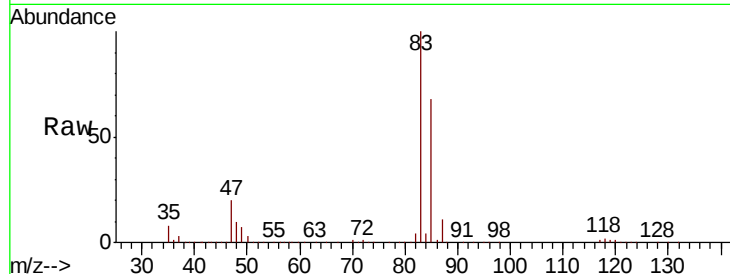




#29
Chloroform
Concen: 10.311 ppbv
RT: 5.75 min Scan# 922
Delta R.T. -0.02 min
Lab File: VL035785.D
Acq: 16 Oct 2020 13:56

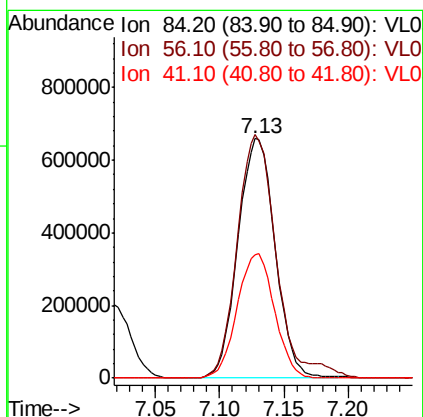
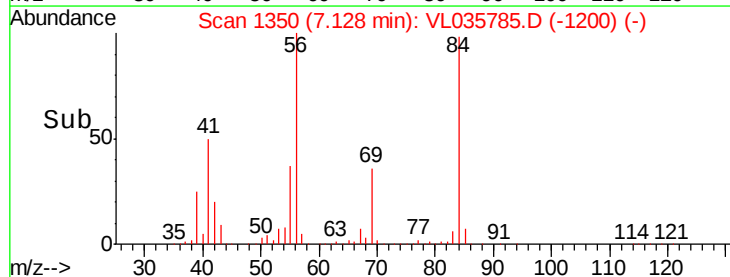
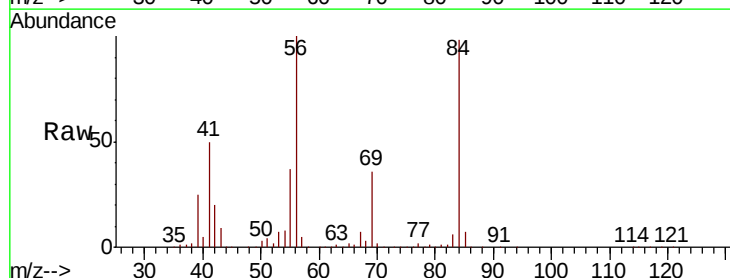
Instrument :
MSVOA_L
ClientSampled :

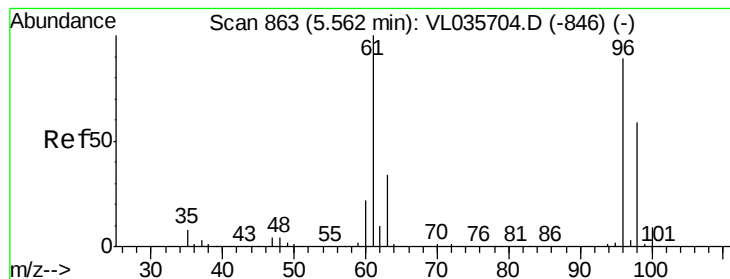
Tot Ion: 83 Resp: 2397666
Ion Ratio Lower Upper
83 100
85 67.9 54.0 81.0



#30
Cyclohexane
Concen: 11.712 ppbv
RT: 7.13 min Scan# 1350
Delta R.T. -0.02 min
Lab File: VL035785.D
Acq: 16 Oct 2020 13:56

Tgt Ion: 84 Resp: 1323128
Ion Ratio Lower Upper
84 100
56 107.1 84.6 127.0
41 51.9 41.1 61.7



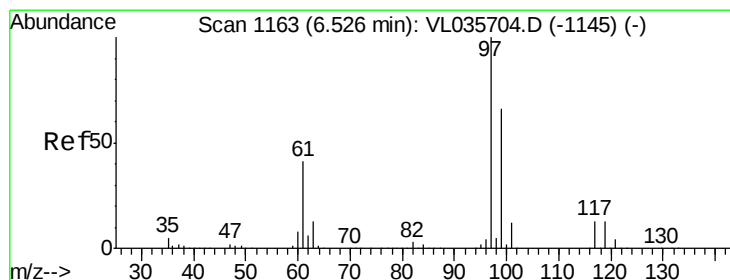
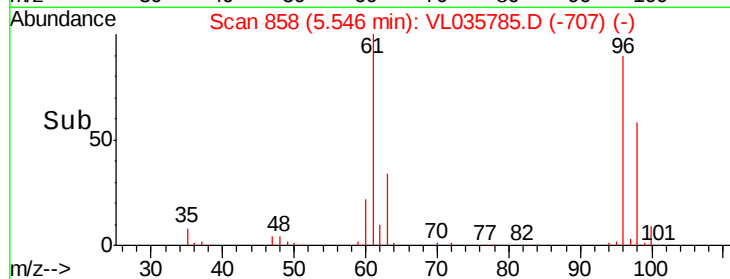
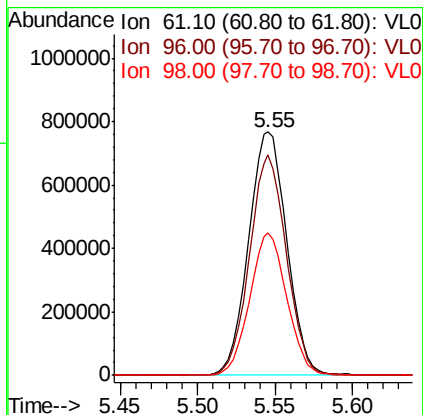
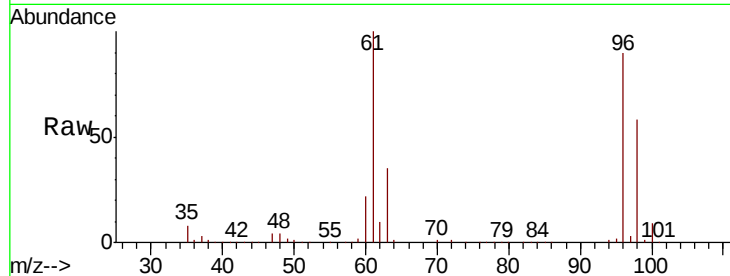


#31

cis-1,2-Dichloroethene
 Concen: 11.943 ppbv
 RT: 5.55 min Scan# 858
 Delta R.T. -0.02 min
 Lab File: VL035785.D
 Acq: 16 Oct 2020 13:56

Instrument :
 MSVOA_L
 ClientSampled :

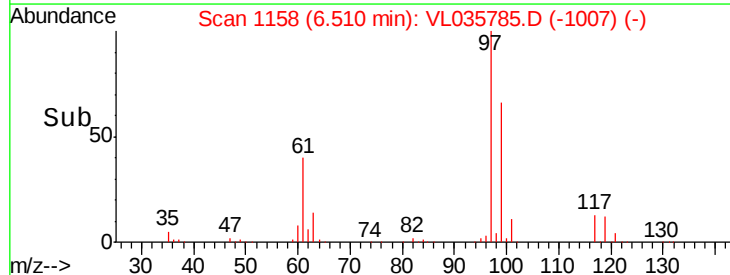
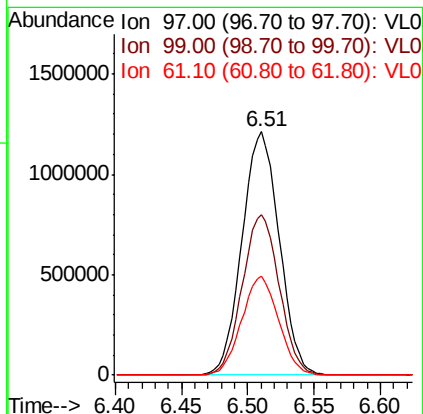
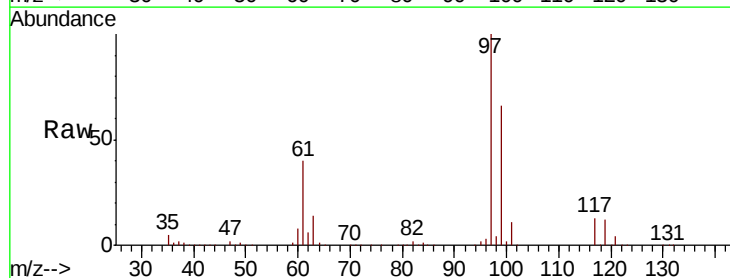
Tot Ion: 61 Resp: 1320138
 Ion Ratio Lower Upper
 61 100
 96 90.4 71.4 107.2
 98 58.3 47.4 71.2

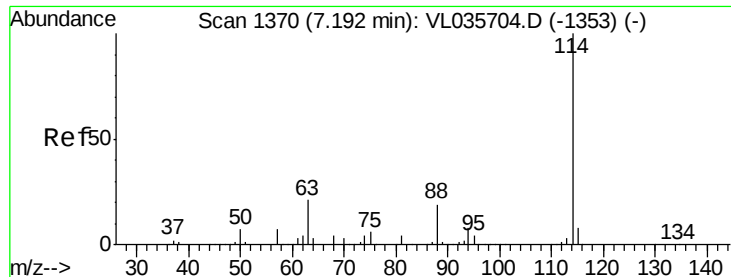


#32

1,1,1-Trichloroethane
 Concen: 11.566 ppbv
 RT: 6.51 min Scan# 1158
 Delta R.T. -0.02 min
 Lab File: VL035785.D
 Acq: 16 Oct 2020 13:56

Tgt Ion: 97 Resp: 2370851
 Ion Ratio Lower Upper
 97 100
 99 65.6 52.7 79.1
 61 40.2 32.7 49.1

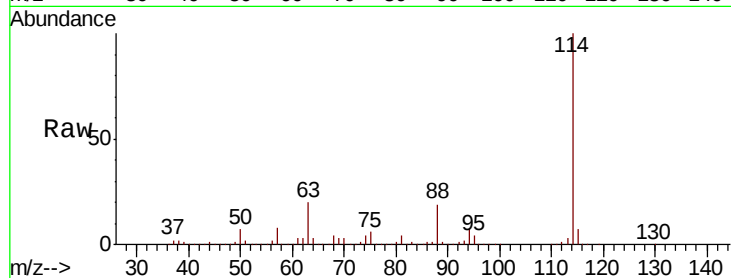




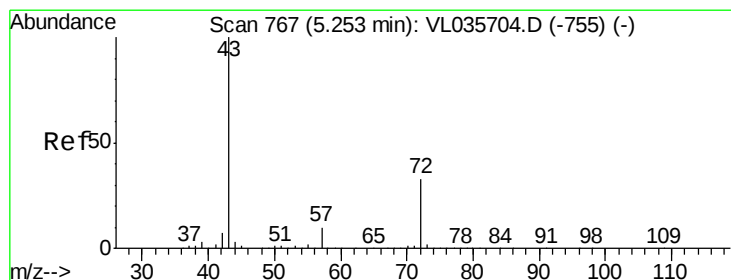
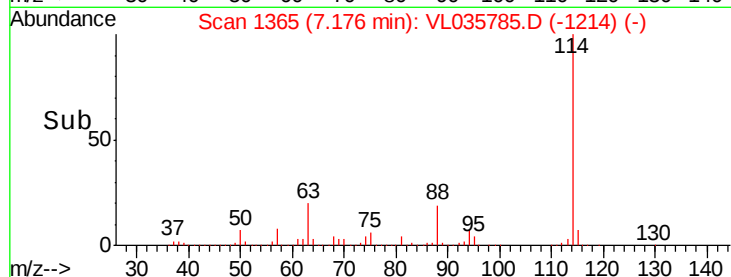
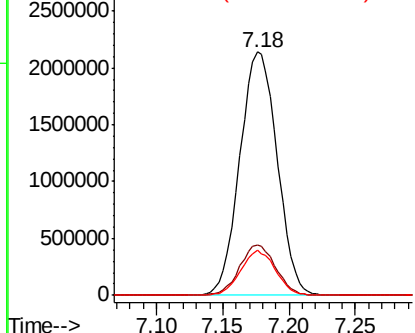
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1365
 Delta R.T. -0.02 min
 Lab File: VL035785.D
 Acq: 16 Oct 2020 13:56

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion:114 Resp: 4189857
 Ion Ratio Lower Upper
 114 100
 63 20.1 16.1 24.1
 88 17.4 14.1 21.1

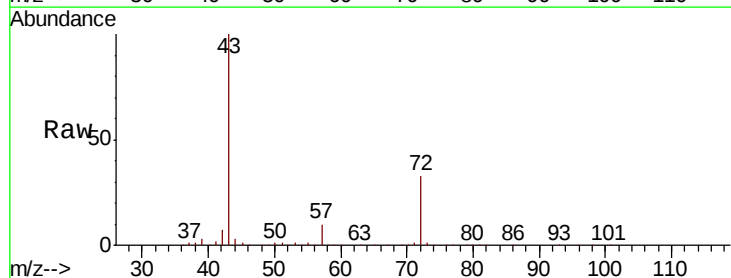


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

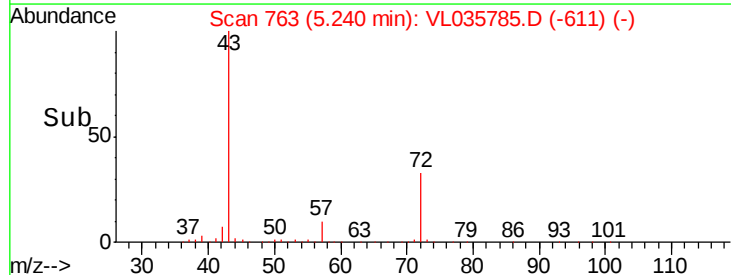
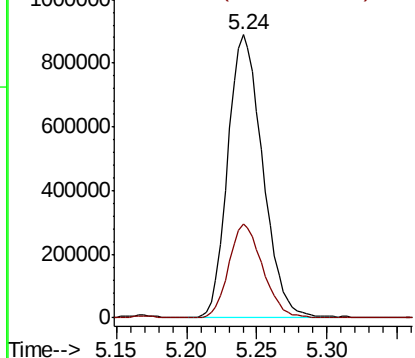


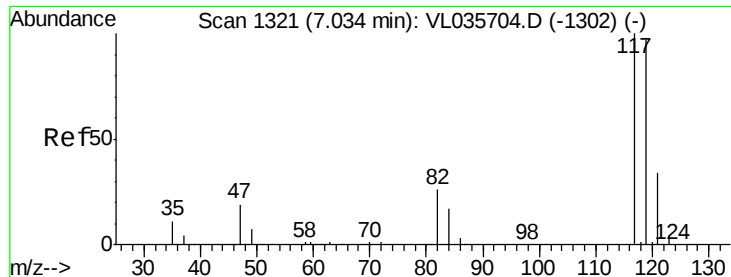
#34
 2-Butanone
 Concen: 11.069 ppbv
 RT: 5.24 min Scan# 763
 Delta R.T. -0.01 min
 Lab File: VL035785.D
 Acq: 16 Oct 2020 13:56

Tgt Ion: 43 Resp: 1533935
 Ion Ratio Lower Upper
 43 100
 72 32.4 26.1 39.1



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

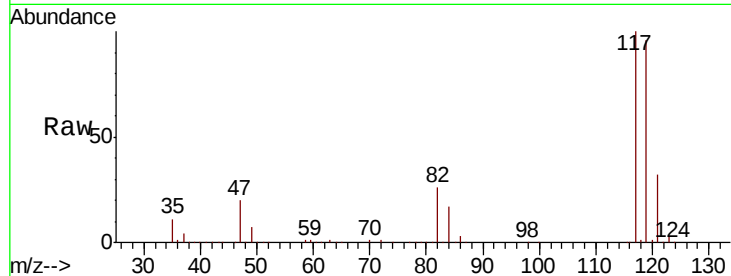




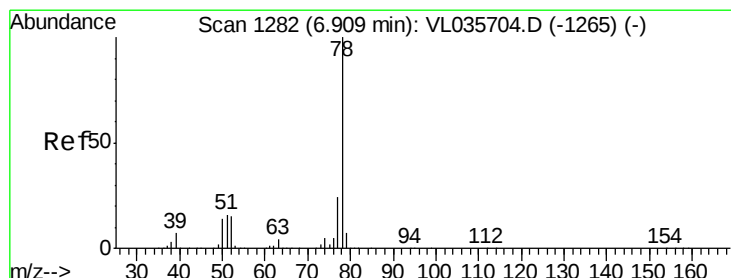
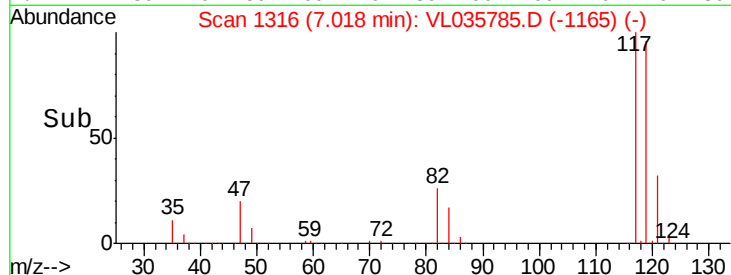
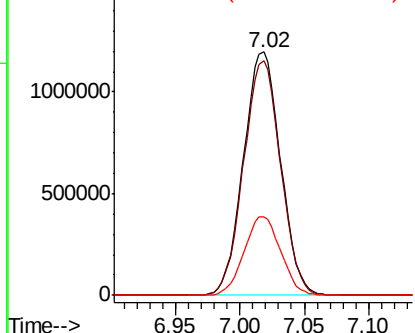
#35
Carbon Tetrachloride
Concen: 10.994 ppbv
RT: 7.02 min Scan# 1316
Delta R.T. -0.02 min
Lab File: VL035785.D
Acq: 16 Oct 2020 13:56

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:117 Resp: 2401716
Ion Ratio Lower Upper
117 100
119 96.4 77.7 116.5
121 32.2 26.9 40.3

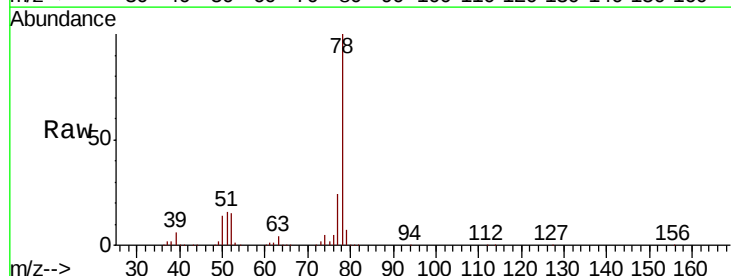


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V

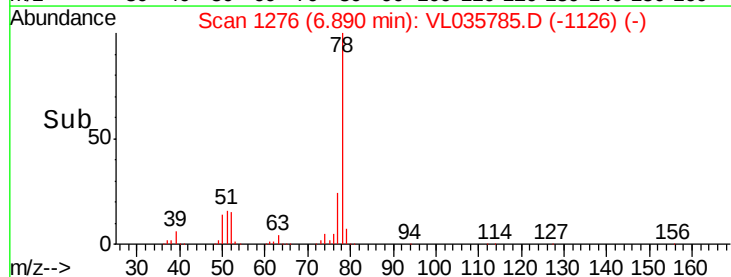
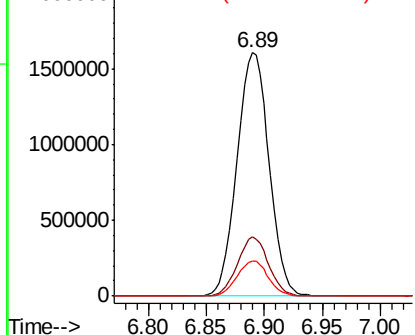


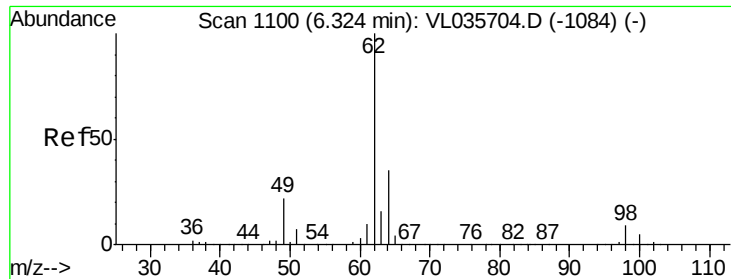
#36
Benzene
Concen: 11.256 ppbv
RT: 6.89 min Scan# 1276
Delta R.T. -0.02 min
Lab File: VL035785.D
Acq: 16 Oct 2020 13:56

Tgt Ion: 78 Resp: 3073129
Ion Ratio Lower Upper
78 100
77 24.4 19.3 28.9
50 14.4 11.6 17.4



Abundance Ion 78.10 (77.80 to 78.80): VL0
Ion 77.10 (76.80 to 77.80): VL0
Ion 50.10 (49.80 to 50.80): VL0

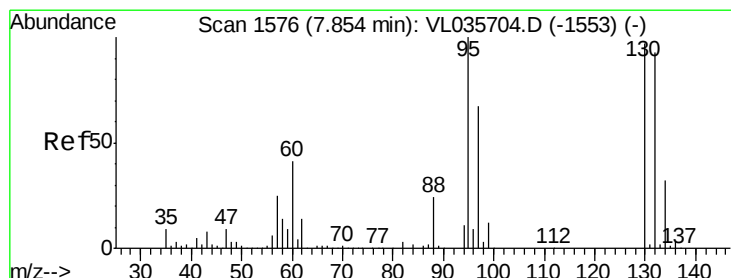
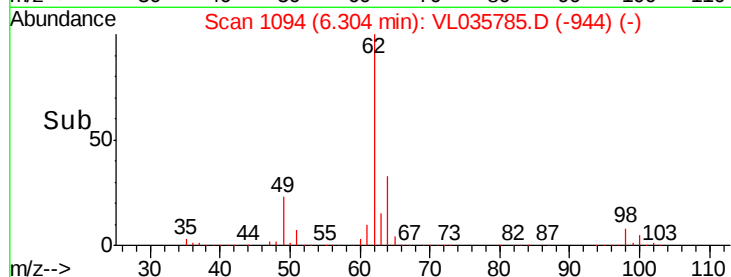
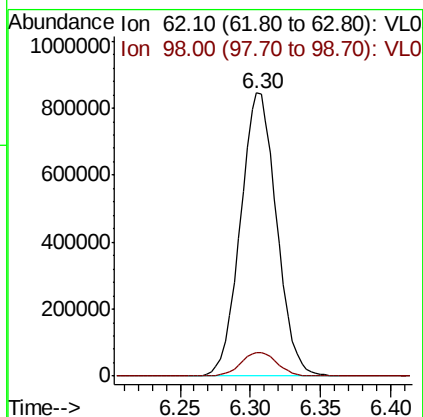
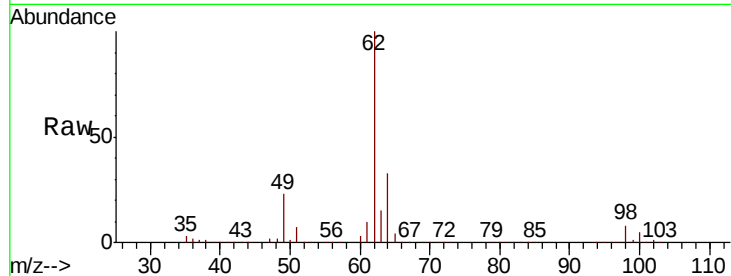




#37
 1,2-Dichloroethane
 Concen: 10.669 ppbv
 RT: 6.30 min Scan# 1094
 Delta R.T. -0.02 min
 Lab File: VL035785.D
 Acq: 16 Oct 2020 13:56

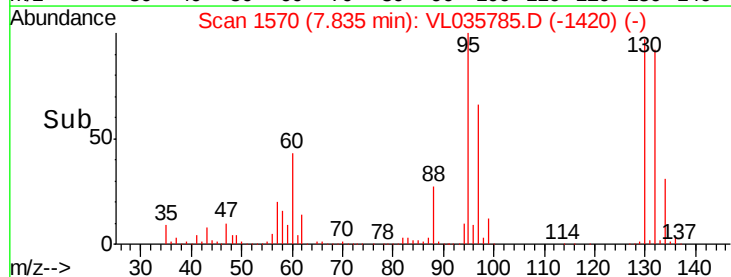
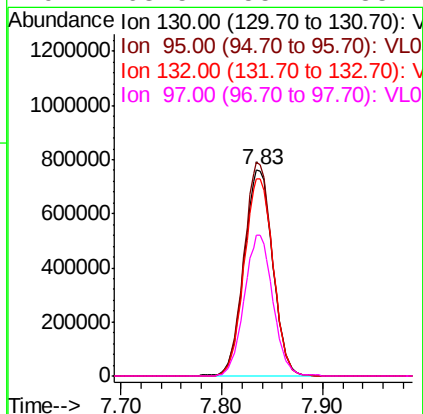
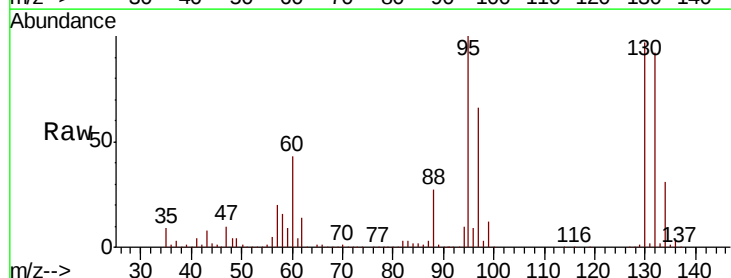
Instrument :
 MSVOA_L
 ClientSampleId :

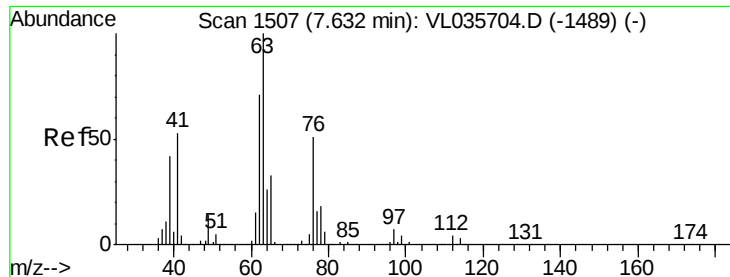
Tot Ion: 62 Resp: 1518149
 Ion Ratio Lower Upper
 62 100
 98 8.5 6.9 10.3



#38
 Trichloroethene
 Concen: 10.937 ppbv
 RT: 7.83 min Scan# 1570
 Delta R.T. -0.02 min
 Lab File: VL035785.D
 Acq: 16 Oct 2020 13:56

Tgt Ion: 130 Resp: 1489578
 Ion Ratio Lower Upper
 130 100
 95 103.7 82.4 123.6
 132 95.5 76.8 115.2
 97 68.5 55.4 83.2





#39

1,2-Dichloropropane

Concen: 10.801 ppbv

RT: 7.61 min Scan# 1501

Delta R.T. -0.02 min

Lab File: VL035785.D

Acq: 16 Oct 2020 13:56

Instrument :

MSVOA_L

ClientSampleId :

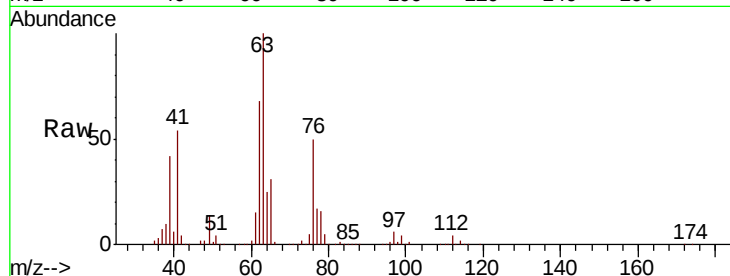
Tot Ion: 63 Resp: 1068818

Ion Ratio Lower Upper

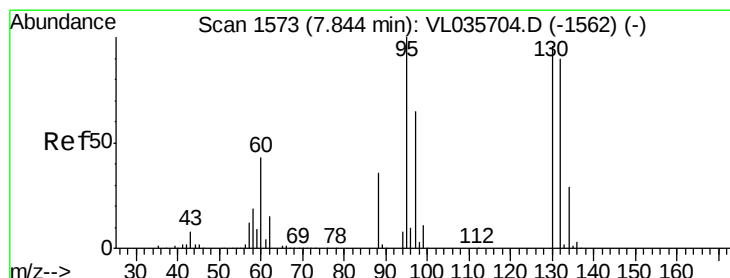
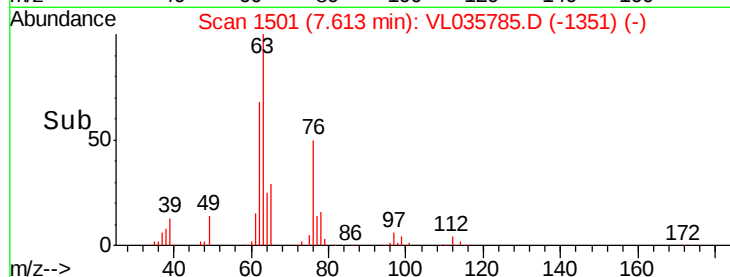
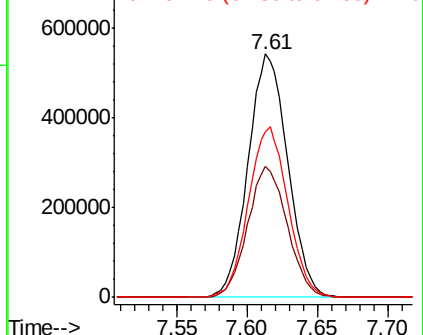
63 100

41 54.0 42.6 63.8

62 68.0 56.5 84.7



Abundance Ion 63.10 (62.80 to 63.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 62.10 (61.80 to 62.80): VL0



#40

1,4-Dioxane

Concen: 11.836 ppbv

RT: 7.83 min Scan# 1569

Delta R.T. -0.01 min

Lab File: VL035785.D

Acq: 16 Oct 2020 13:56

Tgt Ion: 88 Resp: 535627

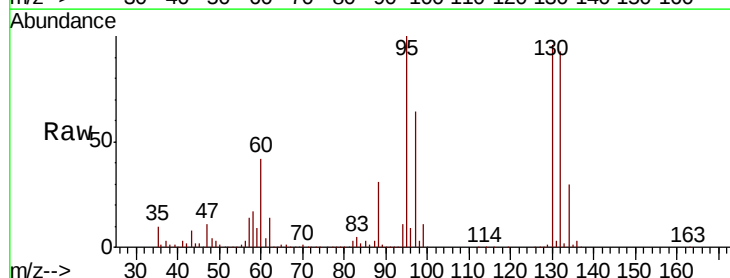
Ion Ratio Lower Upper

88 100

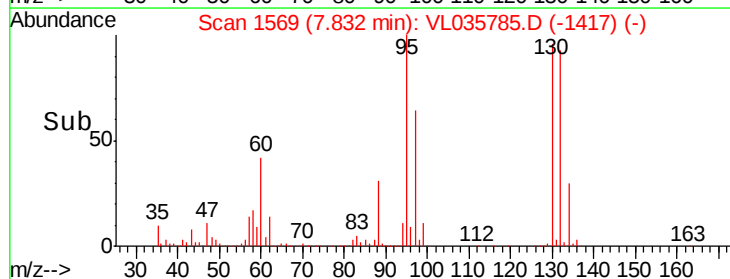
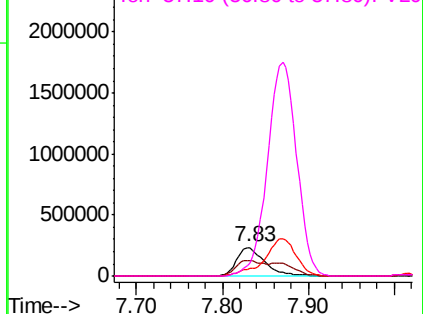
58 92.4 76.2 114.4

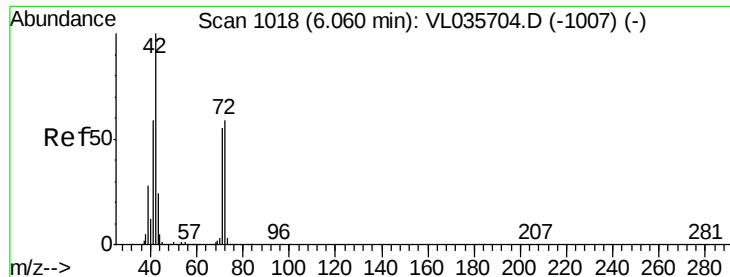
43 147.3 123.4 185.2

57 775.1 652.5 978.7



Abundance Ion 88.10 (87.80 to 88.80): VL0
Ion 58.10 (57.80 to 58.80): VL0
Ion 43.10 (42.80 to 43.80): VL0
Ion 57.10 (56.80 to 57.80): VL0





#41

Tetrahydrofuran

Concen: 12.360 ppbv

RT: 6.05 min Scan# 1014

Delta R.T. -0.01 min

Lab File: VL035785.D

Acq: 16 Oct 2020 13:56

Instrument :

MSVOA_L

ClientSampleId :

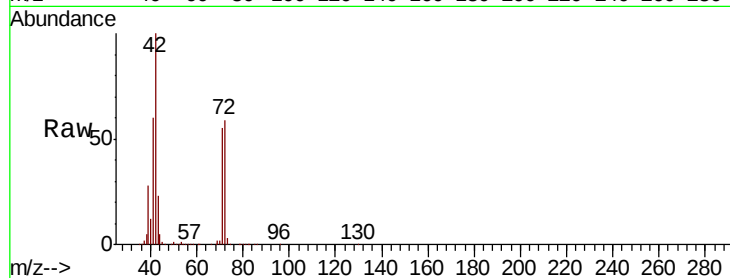
Tot Ion: 42 Resp: 862948

Ion Ratio Lower Upper

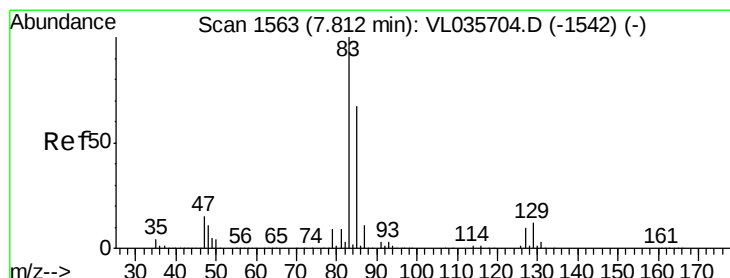
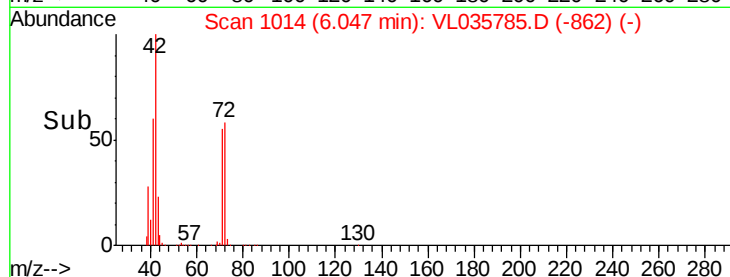
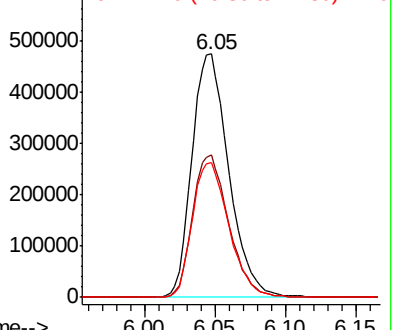
42 100

72 57.9 46.2 69.4

71 55.3 44.2 66.4



Abundance Ion 42.10 (41.80 to 42.80): VL0
Ion 72.10 (71.80 to 72.80): VL0
Ion 71.10 (70.80 to 71.80): VL0



#42

Bromodichloromethane

Concen: 11.052 ppbv

RT: 7.79 min Scan# 1557

Delta R.T. -0.02 min

Lab File: VL035785.D

Acq: 16 Oct 2020 13:56

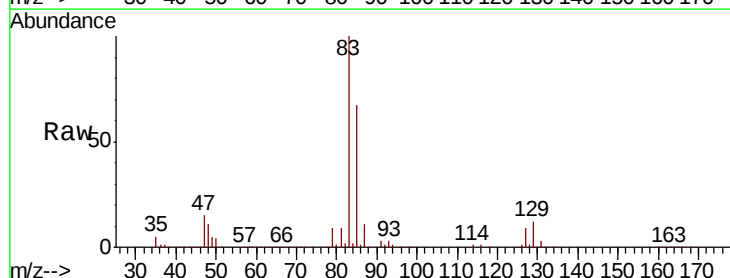
Tgt Ion: 83 Resp: 2533371

Ion Ratio Lower Upper

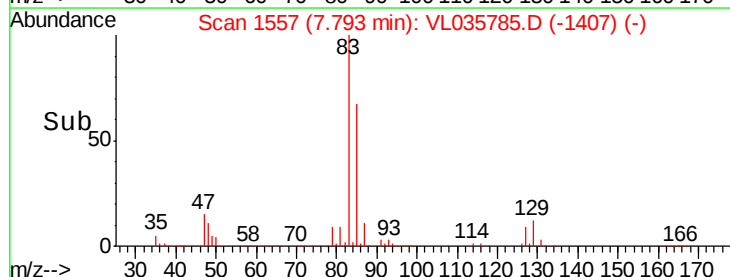
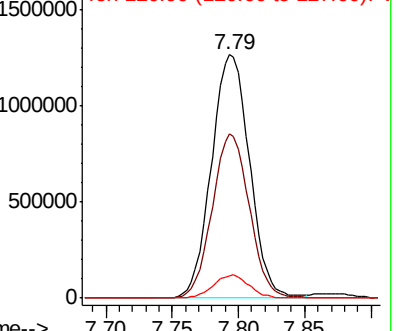
83 100

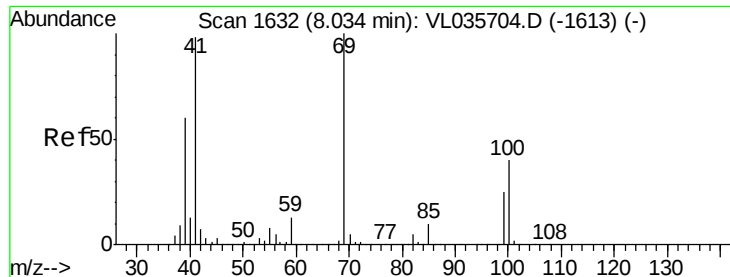
85 67.3 53.4 80.0

127 9.2 7.8 11.6



Abundance Ion 83.00 (82.70 to 83.70): VL0
Ion 85.00 (84.70 to 85.70): VL0
Ion 126.90 (126.60 to 127.60): V





#43

Methyl Methacrylate

Concen: 11.939 ppbv

RT: 8.01 min Scan# 1626

Delta R.T. -0.02 min

Lab File: VL035785.D

Acq: 16 Oct 2020 13:56

Instrument :

MSVOA_L

ClientSampled :

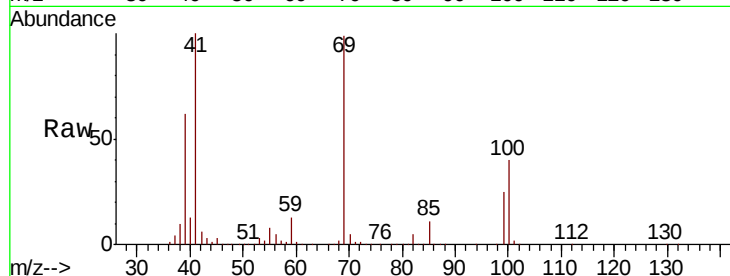
Tot Ion: 69 Resp: 1296344

Ion Ratio Lower Upper

69 100

41 101.4 79.8 119.6

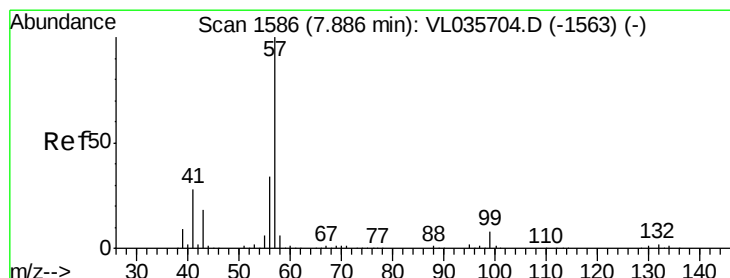
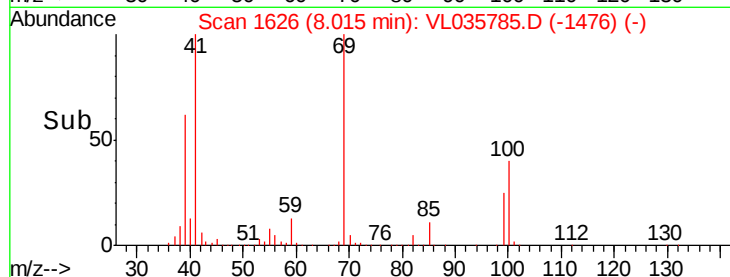
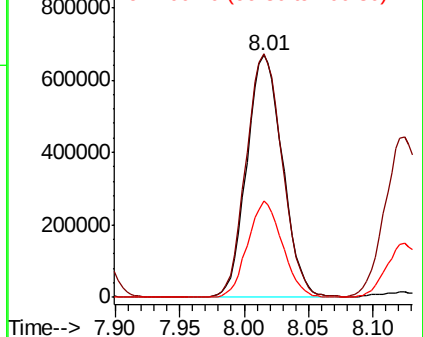
100 38.5 30.6 46.0



Abundance Ion 69.10 (68.80 to 69.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 100.10 (99.80 to 100.80): VL0



#44

2,2,4-Trimethylpentane

Concen: 10.597 ppbv

RT: 7.87 min Scan# 1581

Delta R.T. -0.02 min

Lab File: VL035785.D

Acq: 16 Oct 2020 13:56

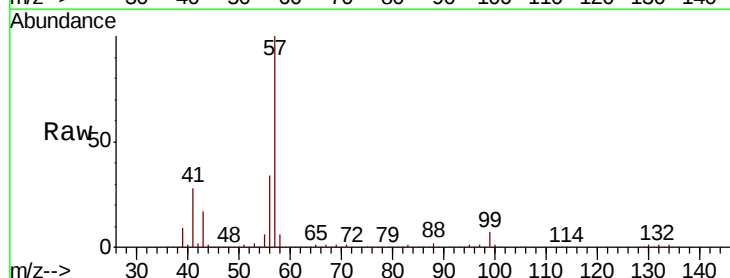
Tgt Ion: 57 Resp: 4151471

Ion Ratio Lower Upper

57 100

41 26.3 21.2 31.8

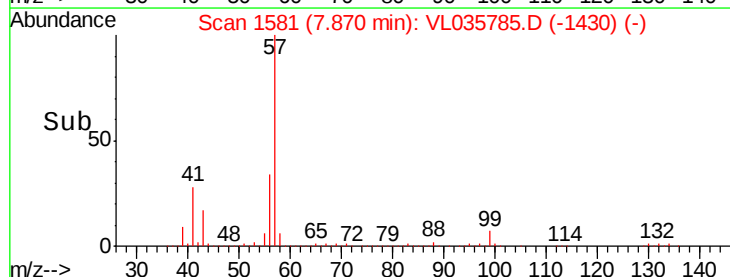
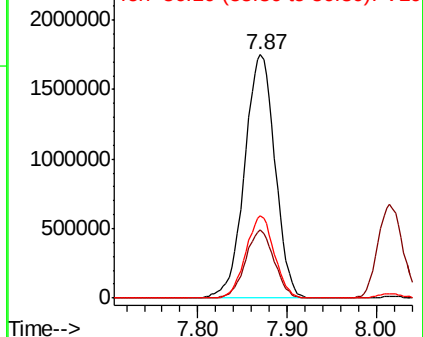
56 31.8 25.8 38.8

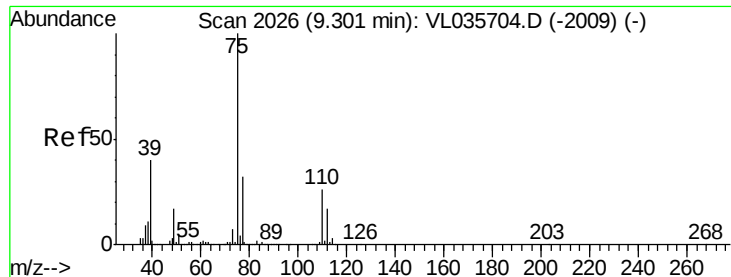


Abundance Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 56.10 (55.80 to 56.80): VL0





#45

t-1,3-Dichloropropene

Concen: 13.427 ppbv

RT: 9.28 min Scan# 2020

Delta R.T. -0.02 min

Lab File: VL035785.D

Acq: 16 Oct 2020 13:56

Instrument :

MSVOA_L

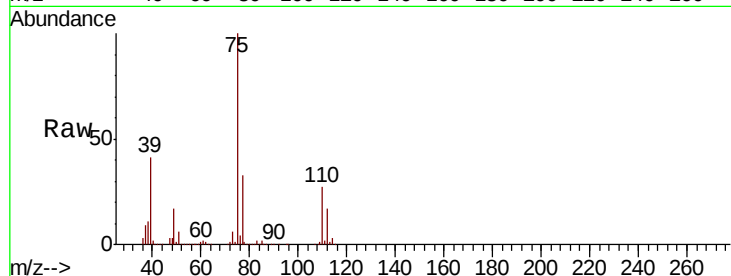
ClientSampled :

Tot Ion: 75 Resp: 1471898

Ion Ratio Lower Upper

75 100

77 33.0 25.9 38.9



Abundance Ion 75.10 (74.80 to 75.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

9.28

800000

600000

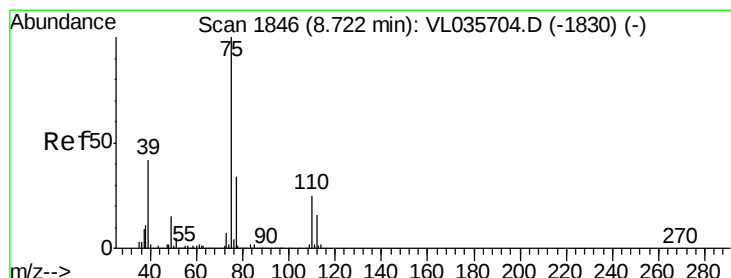
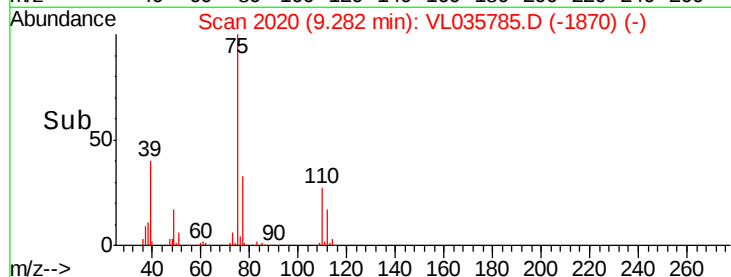
400000

200000

0

9.20 9.25 9.30 9.35

Time-->



#46

cis-1,3-Dichloropropene

Concen: 12.961 ppbv

RT: 8.71 min Scan# 1841

Delta R.T. -0.02 min

Lab File: VL035785.D

Acq: 16 Oct 2020 13:56

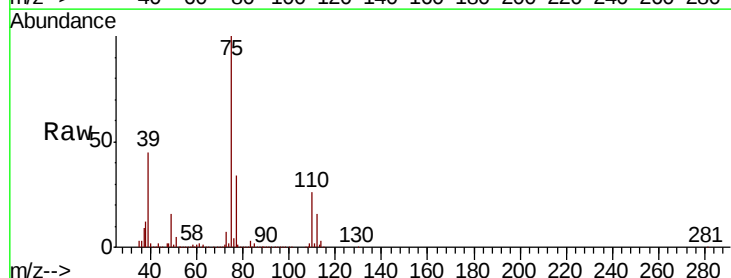
Tgt Ion: 75 Resp: 1751458

Ion Ratio Lower Upper

75 100

39 44.7 33.9 50.9

77 34.3 27.4 41.0



Abundance Ion 75.00 (74.70 to 75.70): VL0

Ion 39.00 (38.70 to 39.70): VL0

Ion 77.00 (76.70 to 77.70): VL0

1200000

1000000

800000

600000

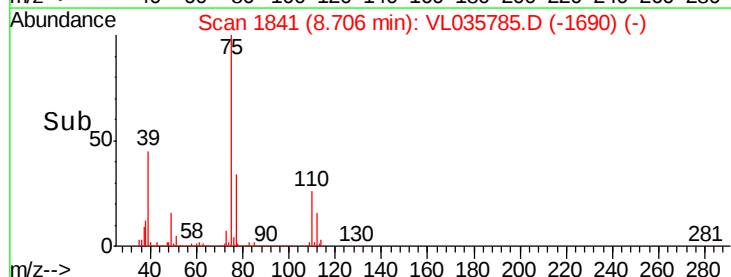
400000

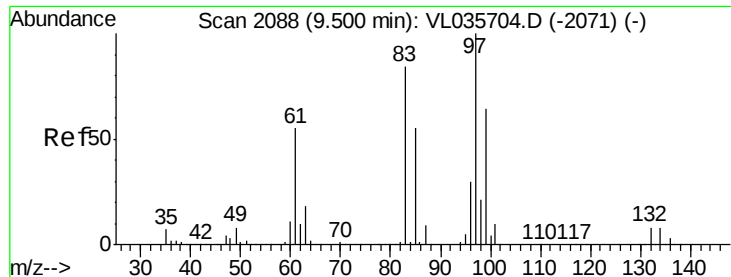
200000

0

8.60 8.65 8.70 8.75 8.80

Time-->

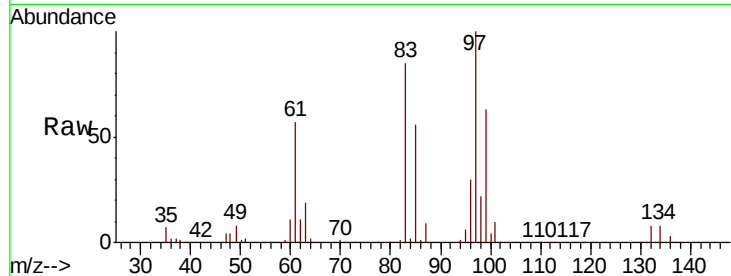




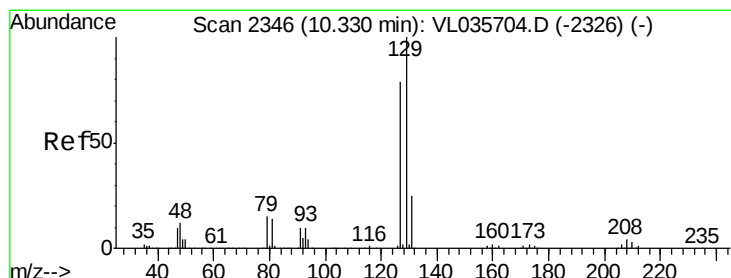
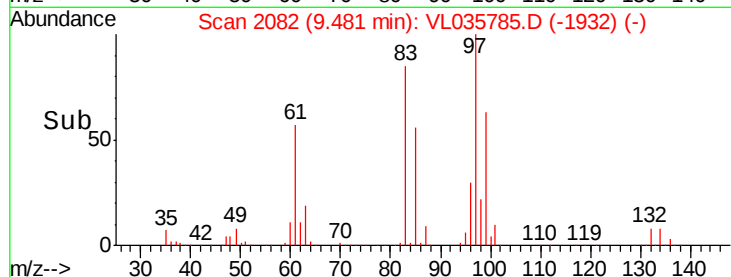
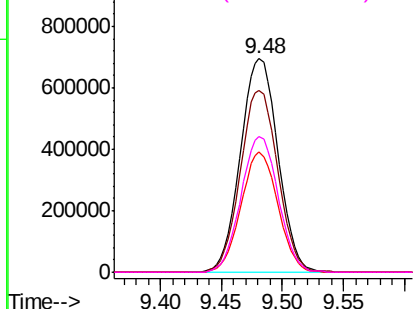
#47
 1,1,2-Trichloroethane
 Concen: 10.412 ppbv
 RT: 9.48 min Scan# 2082
 Delta R.T. -0.02 min
 Lab File: VL035785.D
 Acq: 16 Oct 2020 13:56

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion:	97	Resp:	1475835
Ion	Ratio	Lower	Upper
97	100		
83	84.9	67.1	100.7
85	56.4	43.9	65.9
99	63.4	51.3	76.9

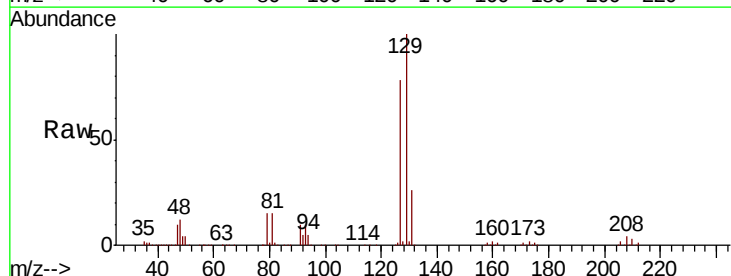


Abundance Ion 97.00 (96.70 to 97.70): VL0
 Ion 83.00 (82.70 to 83.70): VL0
 Ion 85.00 (84.70 to 85.70): VL0
 Ion 99.00 (98.70 to 99.70): VL0

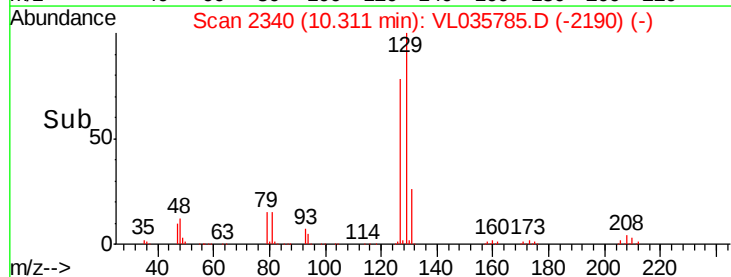
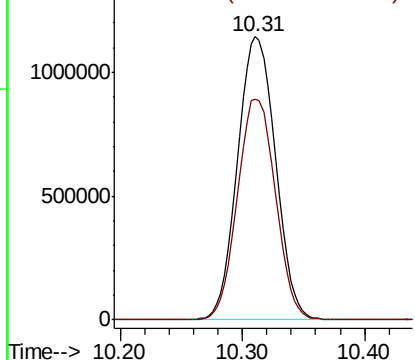


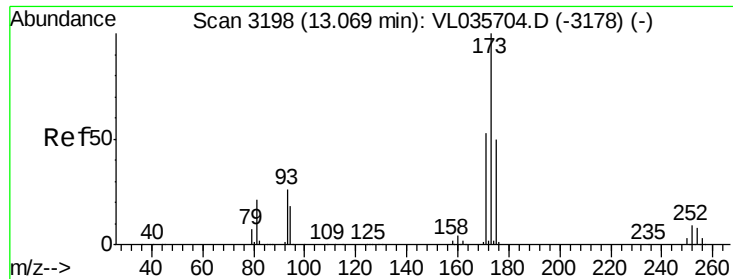
#48
 Dibromochloromethane
 Concen: 11.442 ppbv
 RT: 10.31 min Scan# 2340
 Delta R.T. -0.02 min
 Lab File: VL035785.D
 Acq: 16 Oct 2020 13:56

Tgt Ion:	129	Resp:	2468189
Ion	Ratio	Lower	Upper
129	100		
127	78.4	39.4	118.1



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





#49

Bromoform

Concen: 11.909 ppbv

RT: 13.05 min Scan# 3192

Delta R.T. -0.02 min

Lab File: VL035785.D

Acq: 16 Oct 2020 13:56

Instrument :

MSVOA_L

ClientSampleId :

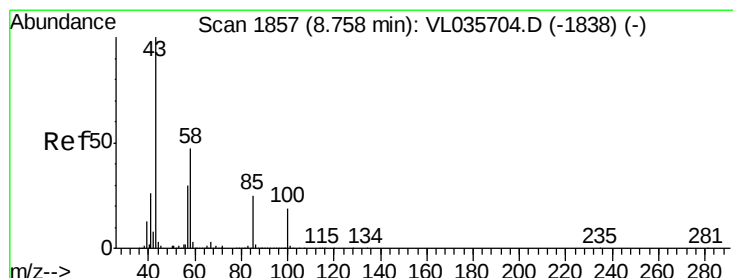
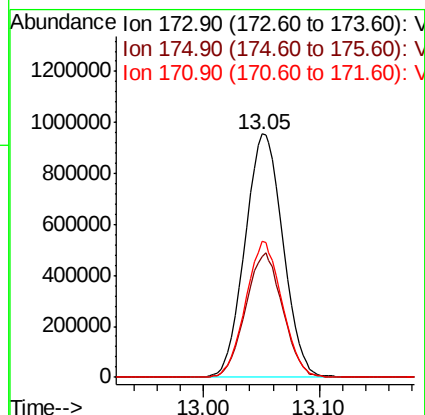
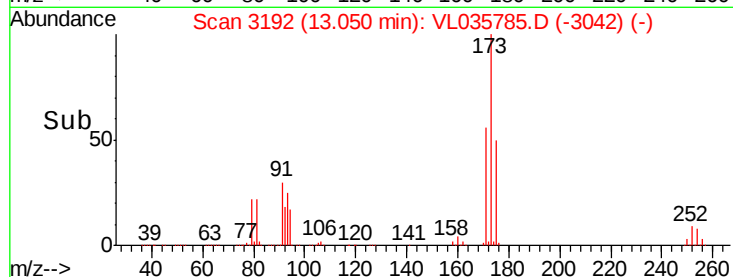
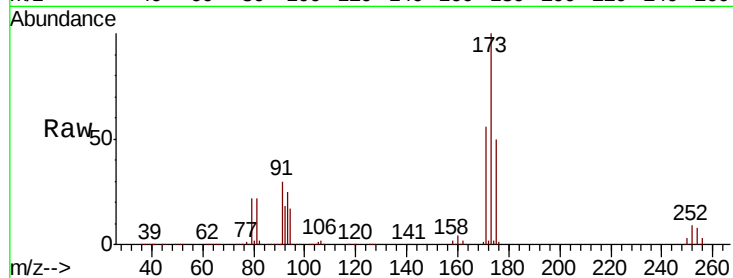
Tot Ion:173 Resp: 2179864

Ion Ratio Lower Upper

173 100

175 50.0 39.8 59.6

171 53.7 42.8 64.2



#50

4-Methyl-2-Pentanone

Concen: 11.115 ppbv

RT: 8.74 min Scan# 1852

Delta R.T. -0.02 min

Lab File: VL035785.D

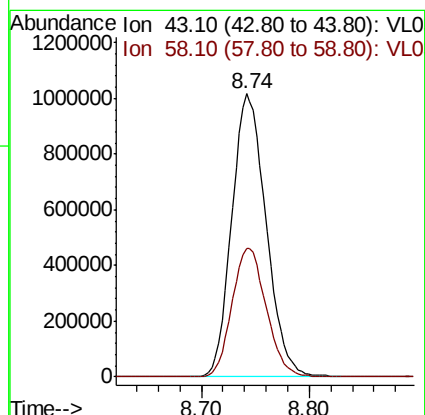
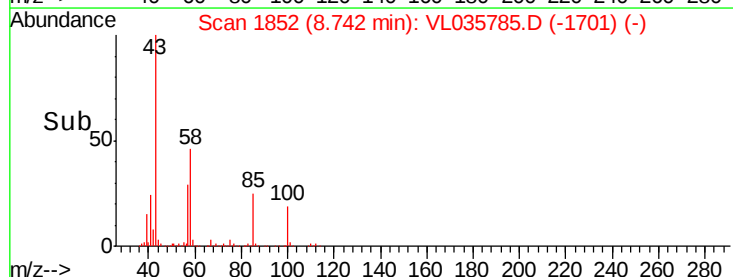
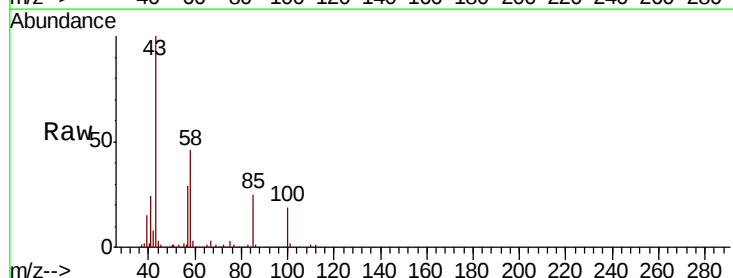
Acq: 16 Oct 2020 13:56

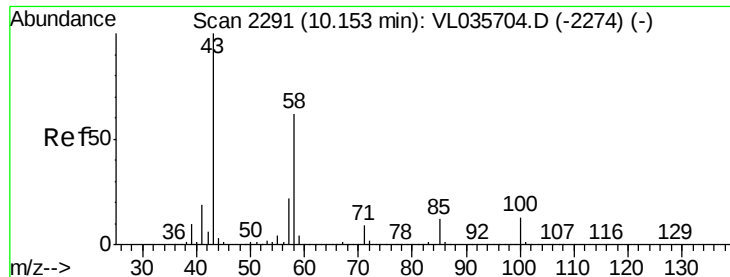
Tgt Ion: 43 Resp: 2249825

Ion Ratio Lower Upper

43 100

58 45.6 36.6 54.8





#51

2-Hexanone

Concen: 11.562 ppbv

RT: 10.14 min Scan# 2287

Delta R.T. -0.01 min

Lab File: VL035785.D

Acq: 16 Oct 2020 13:56

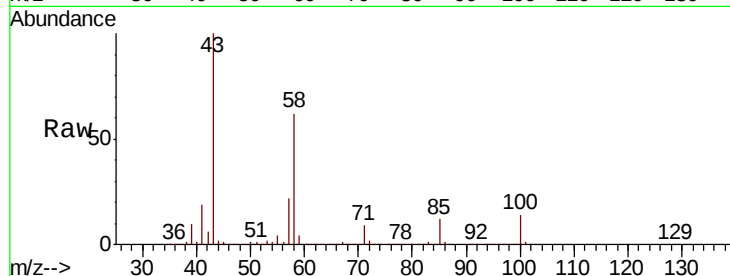
Instrument :

MSVOA_L

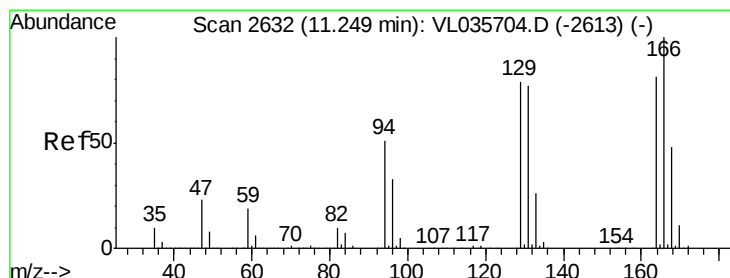
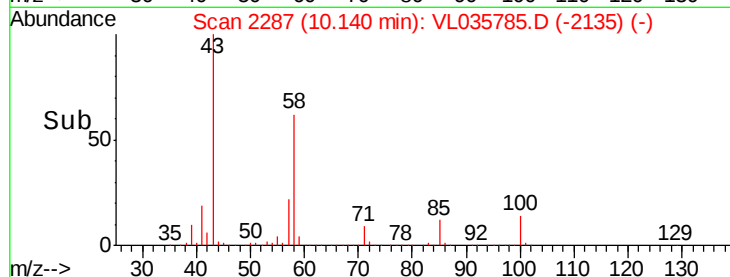
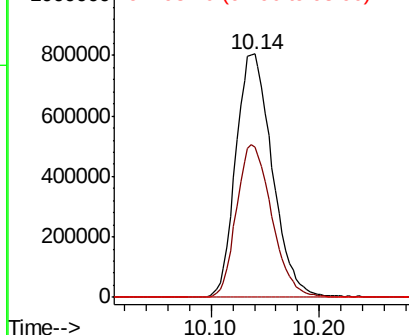
ClientSampleId :

Tot Ion: 43 Resp: 1885590

Ion	Ratio	Lower	Upper
43	100		
58	61.0	48.7	73.1
98	0.6	0.7	1.1#



Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 58.10 (57.80 to 58.80): VL0
Ion 98.20 (97.90 to 98.90): VL0



#52

Tetrachloroethene

Concen: 10.869 ppbv

RT: 11.23 min Scan# 2626

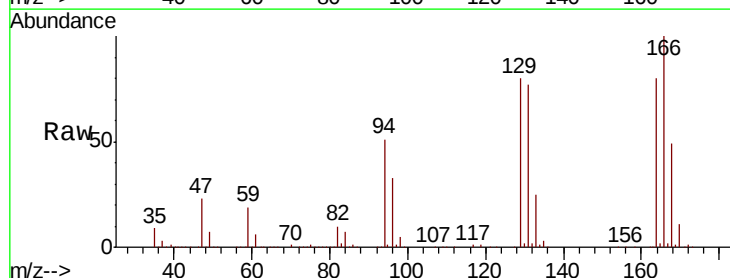
Delta R.T. -0.02 min

Lab File: VL035785.D

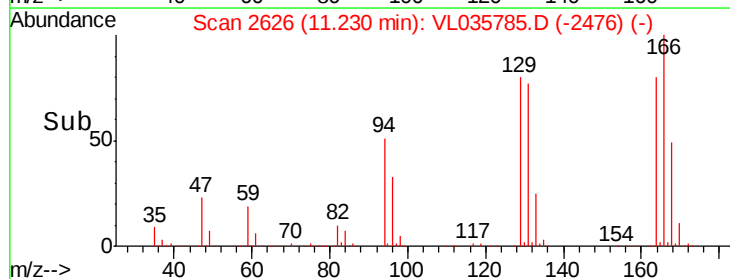
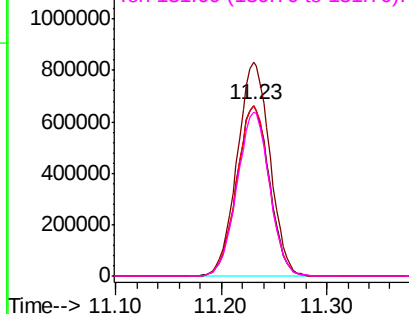
Acq: 16 Oct 2020 13:56

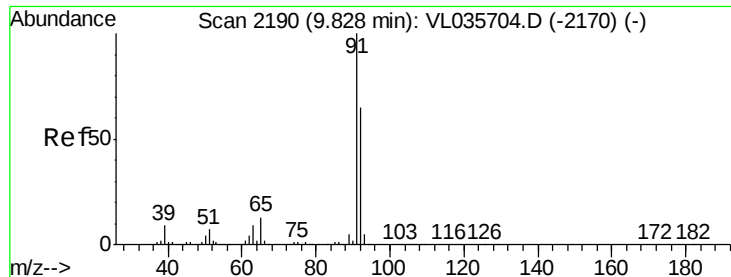
Tgt Ion: 164 Resp: 1426918

Ion	Ratio	Lower	Upper
164	100		
166	125.4	98.7	148.1
129	99.8	78.4	117.6
131	96.1	76.2	114.2



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: 11.822 ppbv

RT: 9.81 min Scan# 2184

Delta R.T. -0.02 min

Lab File: VL035785.D

Acq: 16 Oct 2020 13:56

Instrument :

MSVOA_L

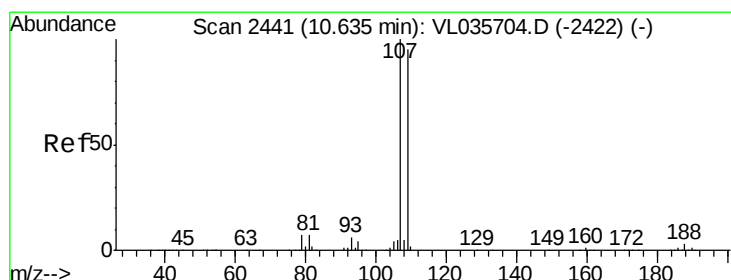
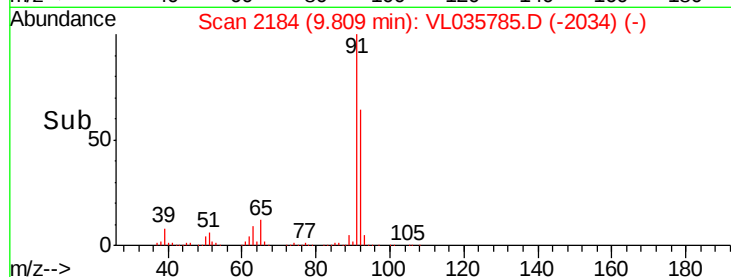
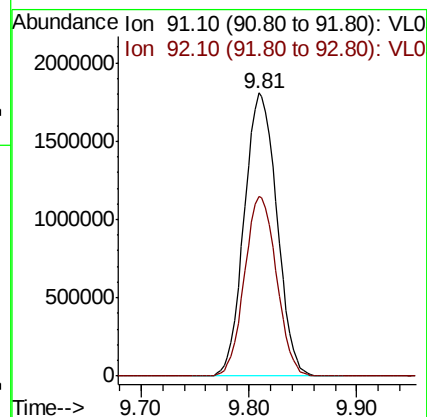
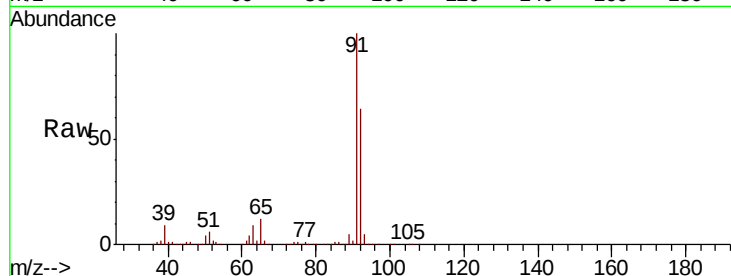
ClientSampleId :

Tot Ion: 91 Resp: 3805841

Ion Ratio Lower Upper

91 100

92 62.2 50.0 75.0



#54

1,2-Dibromoethane

Concen: 10.824 ppbv

RT: 10.62 min Scan# 2436

Delta R.T. -0.02 min

Lab File: VL035785.D

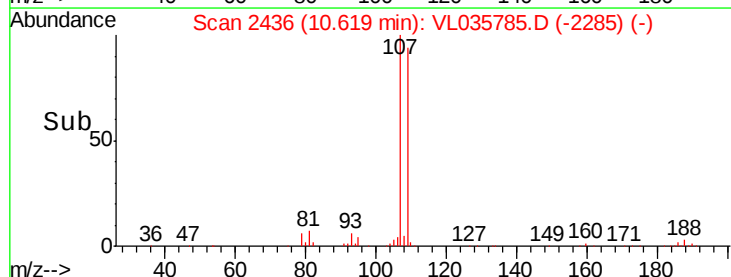
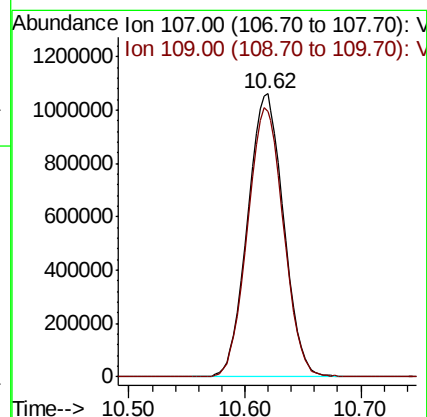
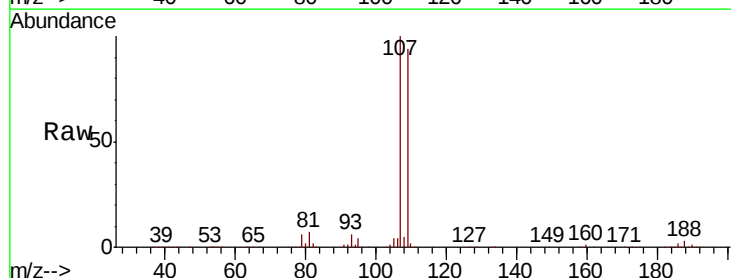
Acq: 16 Oct 2020 13:56

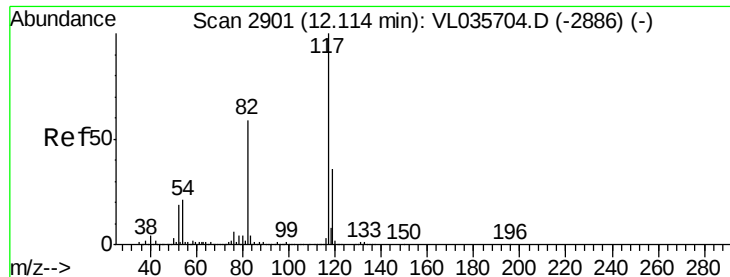
Tgt Ion: 107 Resp: 2297214

Ion Ratio Lower Upper

107 100

109 93.9 76.0 114.0

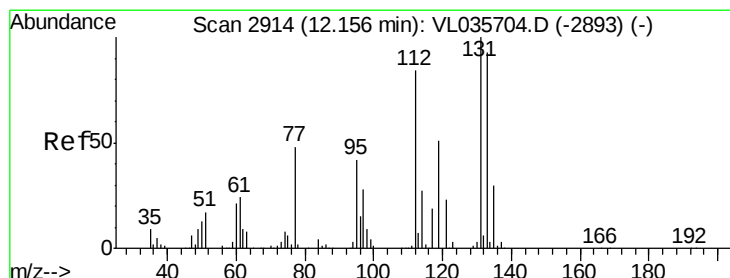
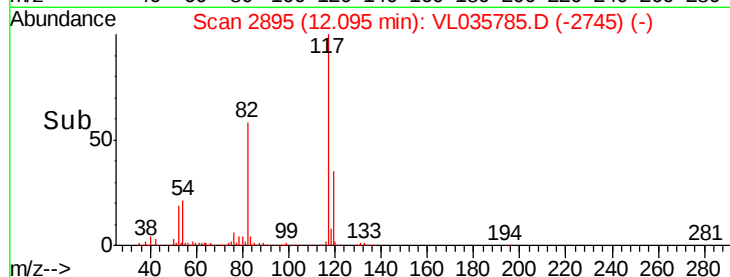
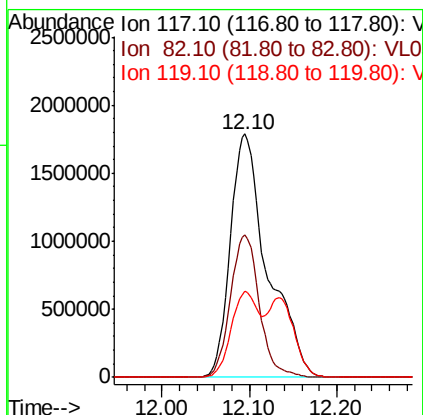
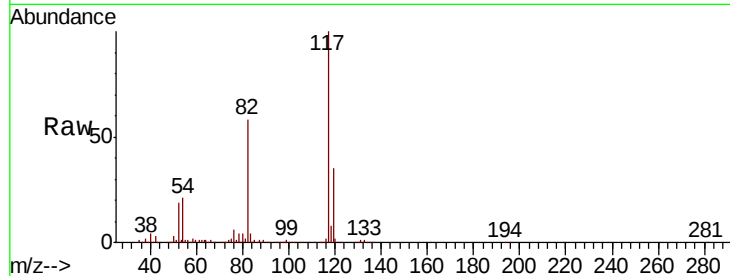




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2895
Delta R.T. -0.02 min
Lab File: VL035785.D
Acq: 16 Oct 2020 13:56

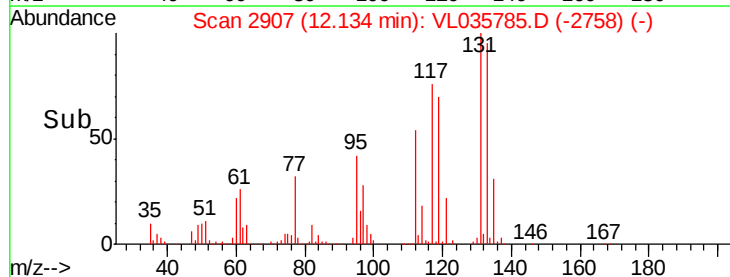
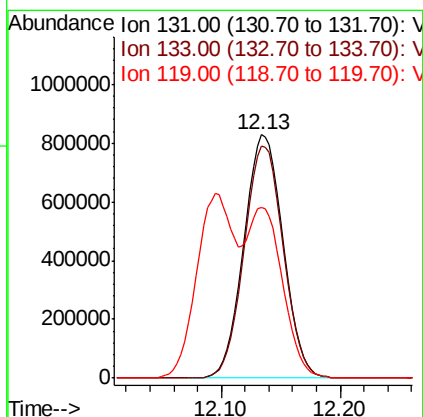
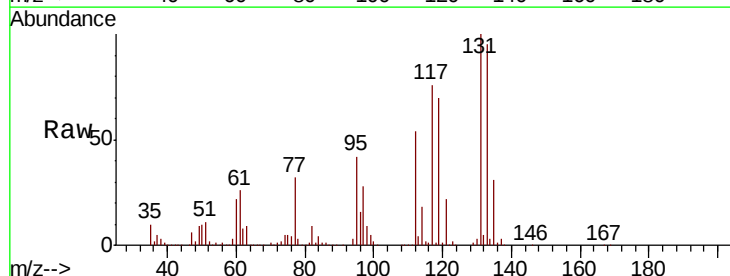
Instrument :
MSVOA_L
ClientSampled :

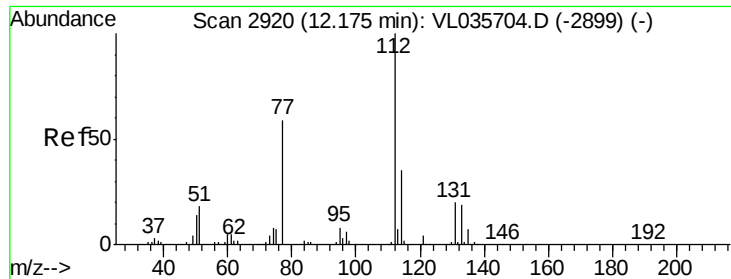
Tot Ion:117 Resp: 5289723
Ion Ratio Lower Upper
117 100
82 45.7 46.1 69.1#
119 27.4 28.0 42.0#



#56
1,1,1,2-Tetrachloroethane
Concen: 8.534 ppbv
RT: 12.13 min Scan# 2907
Delta R.T. -0.02 min
Lab File: VL035785.D
Acq: 16 Oct 2020 13:56

Tgt Ion:131 Resp: 1892932
Ion Ratio Lower Upper
131 100
133 95.4 76.2 114.4
119 57.7 52.4 78.6

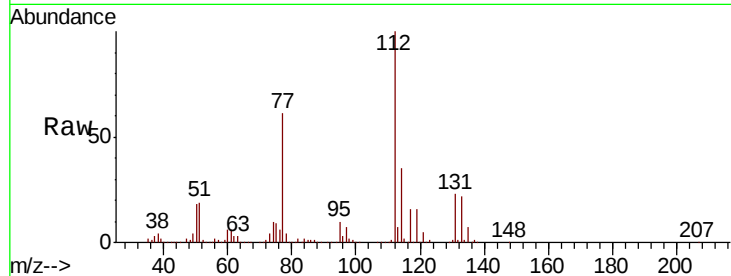




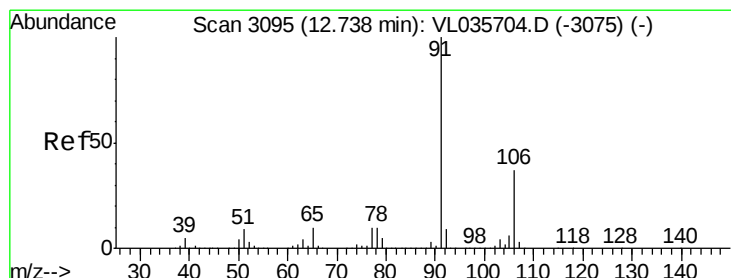
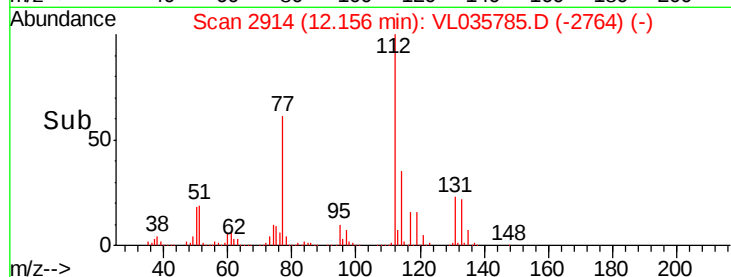
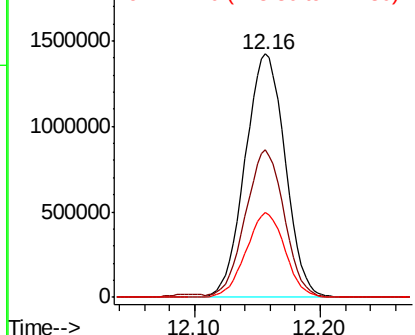
#57
Chlorobenzene
Concen: 7.922 ppbv
RT: 12.16 min Scan# 2914
Delta R.T. -0.02 min
Lab File: VL035785.D
Acq: 16 Oct 2020 13:56

Instrument :
MSVOA_L
ClientSampled :

Tot Ion:112 Resp: 3165102
Ion Ratio Lower Upper
112 100
77 60.6 48.2 72.2
114 34.7 31.9 39.1

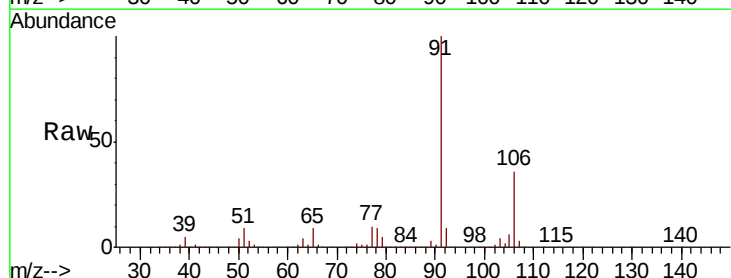


Abundance Ion 112.10 (111.80 to 112.80): V
Ion 77.10 (76.80 to 77.80): VL0
Ion 114.10 (113.80 to 114.80): V

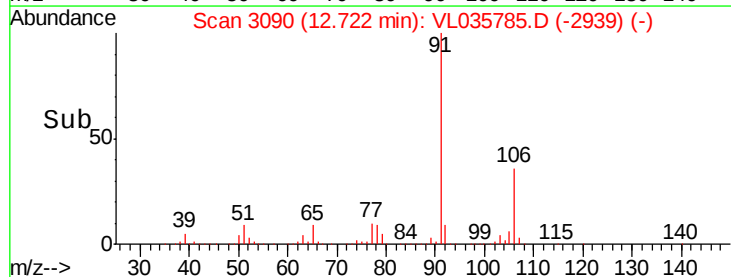
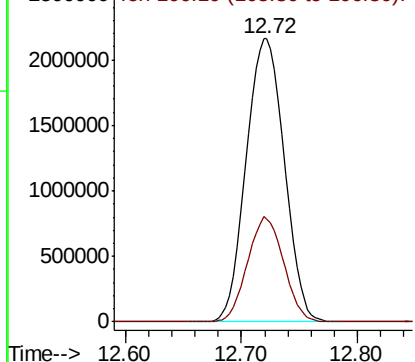


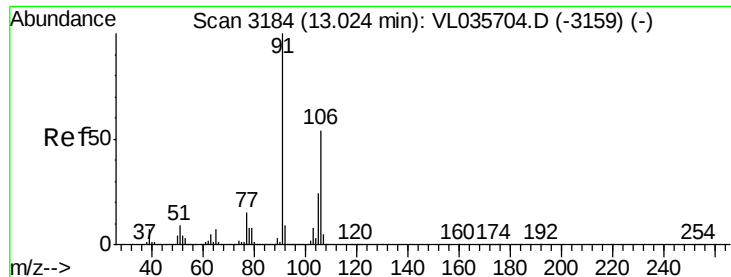
#58
Ethyl Benzene
Concen: 9.315 ppbv
RT: 12.72 min Scan# 3090
Delta R.T. -0.02 min
Lab File: VL035785.D
Acq: 16 Oct 2020 13:56

Tgt Ion: 91 Resp: 4945401
Ion Ratio Lower Upper
91 100
106 36.3 29.7 44.5



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





#59

m/p-Xylene

Concen: 8.820 ppbv

RT: 13.01 min Scan# 3178

Delta R.T. -0.02 min

Lab File: VL035785.D

Acq: 16 Oct 2020 13:56

Instrument :

MSVOA_L

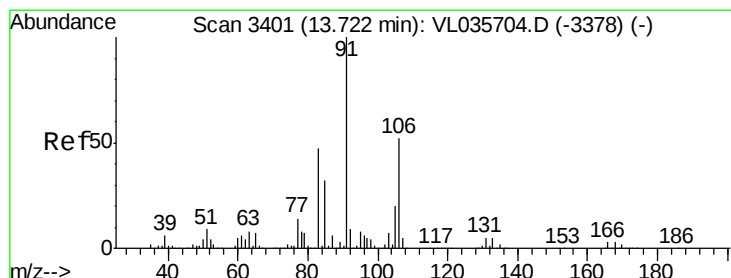
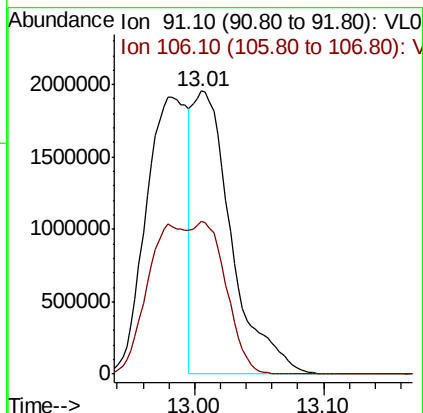
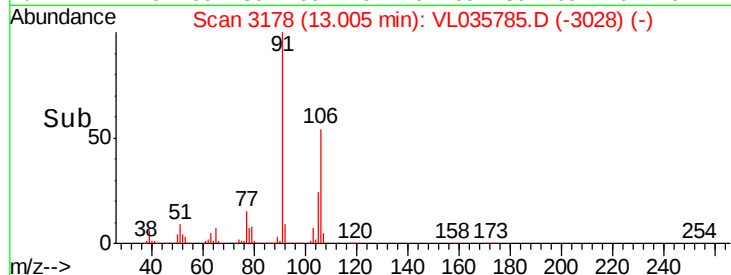
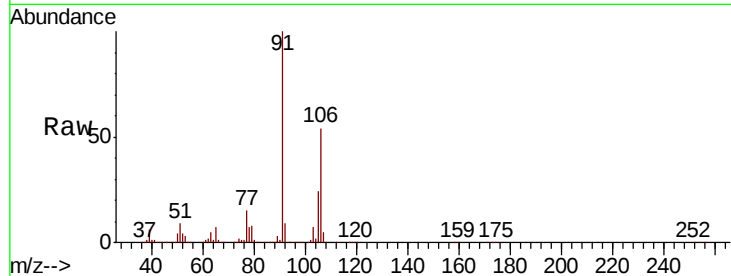
ClientSampleId :

Tot Ion: 91 Resp: 4089649

Ion Ratio Lower Upper

91 100

106 102.2 41.4 62.0#



#60

o-Xylene

Concen: 8.679 ppbv

RT: 13.71 min Scan# 3396

Delta R.T. -0.02 min

Lab File: VL035785.D

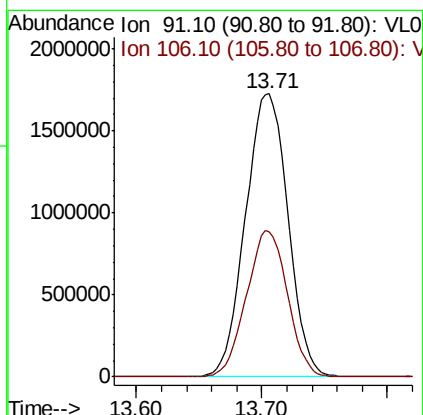
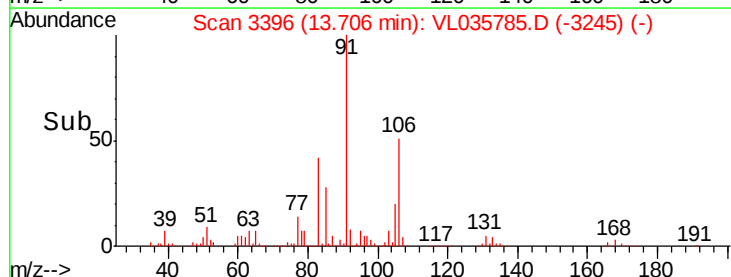
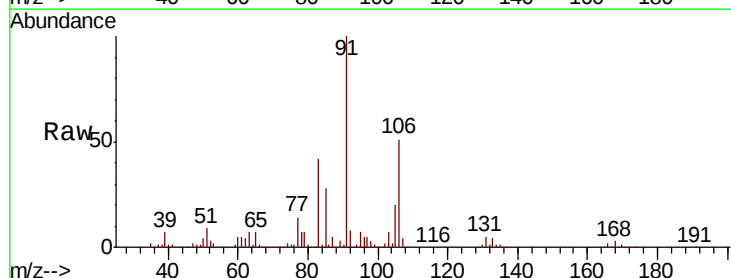
Acq: 16 Oct 2020 13:56

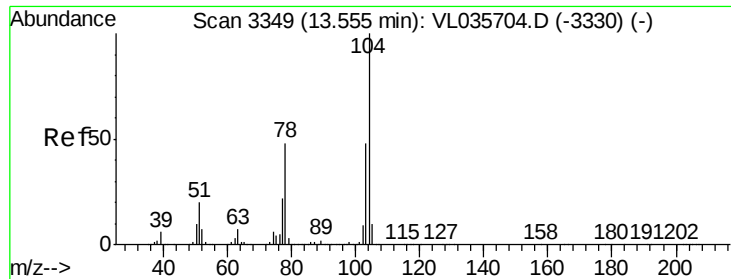
Tgt Ion: 91 Resp: 4070526

Ion Ratio Lower Upper

91 100

106 50.0 25.0 75.0

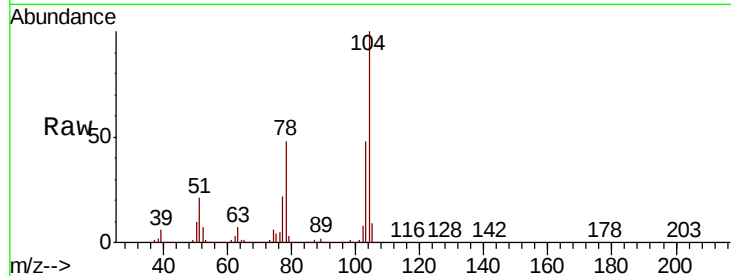




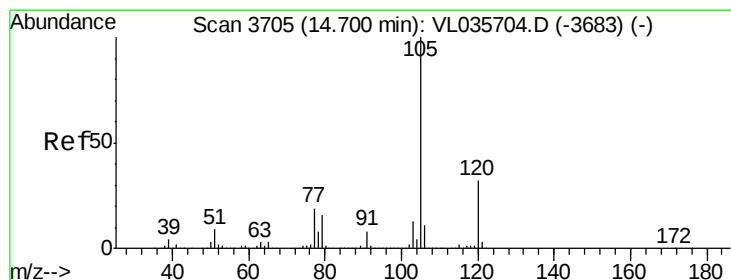
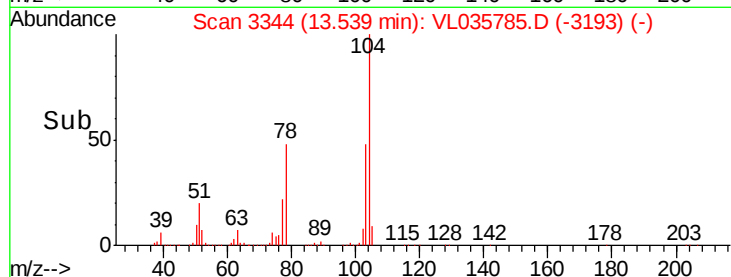
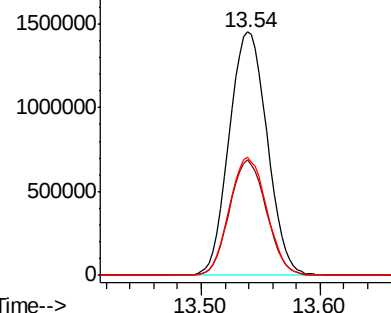
#61
Stvrene
Concen: 9.944 ppbv
RT: 13.54 min Scan# 3344
Delta R.T. -0.02 min
Lab File: VL035785.D
Acq: 16 Oct 2020 13:56

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:104 Resp: 3224871
Ion Ratio Lower Upper
104 100
78 46.1 37.2 55.8
103 47.6 38.2 57.2

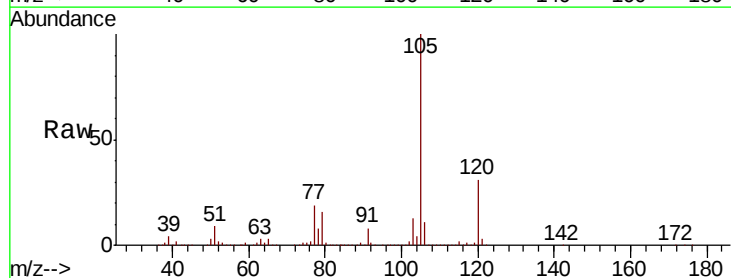


Abundance Ion 104.10 (103.80 to 104.80): V
2000000 Ion 78.10 (77.80 to 78.80): VL0
Ion 103.10 (102.80 to 103.80): V

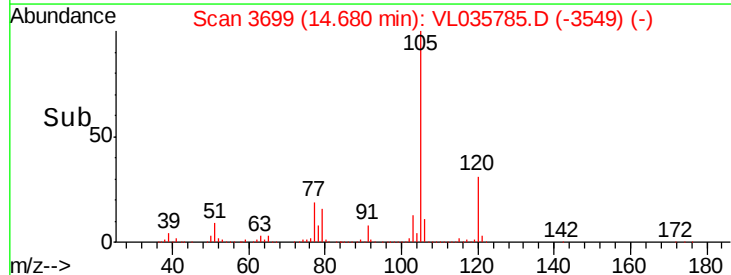
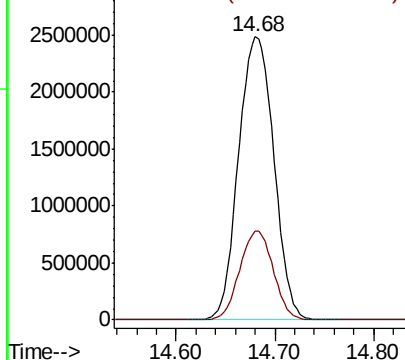


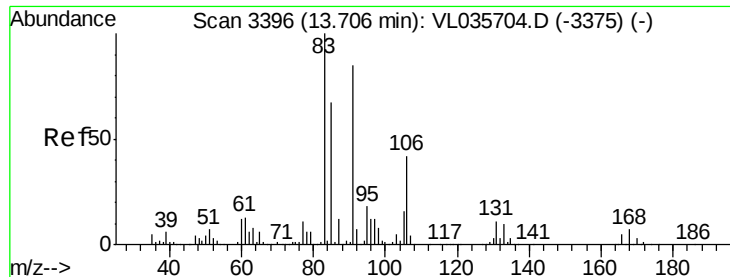
#62
Isopropylbenzene
Concen: 8.462 ppbv
RT: 14.68 min Scan# 3699
Delta R.T. -0.02 min
Lab File: VL035785.D
Acq: 16 Oct 2020 13:56

Tgt Ion:105 Resp: 6155641
Ion Ratio Lower Upper
105 100
120 29.8 24.1 36.1



Abundance Ion 105.10 (104.80 to 105.80): V
Ion 120.20 (119.90 to 120.90): V

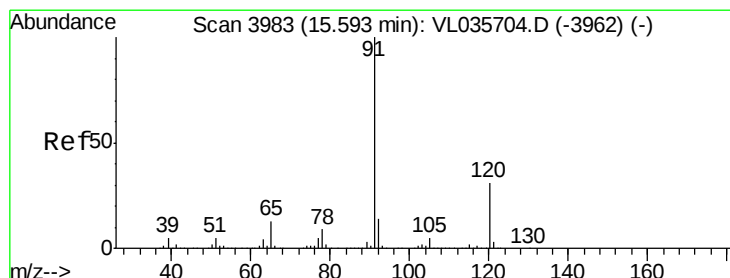
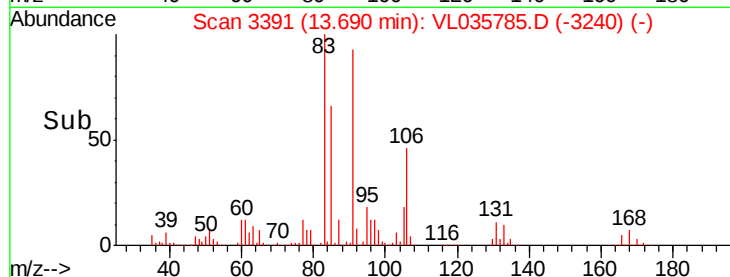
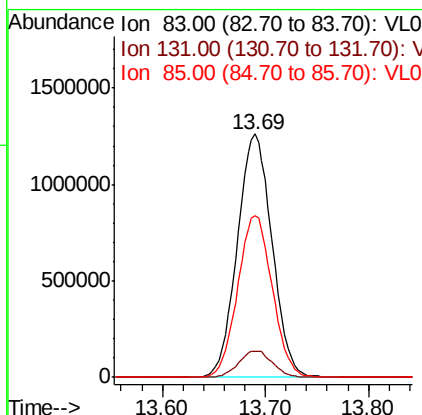
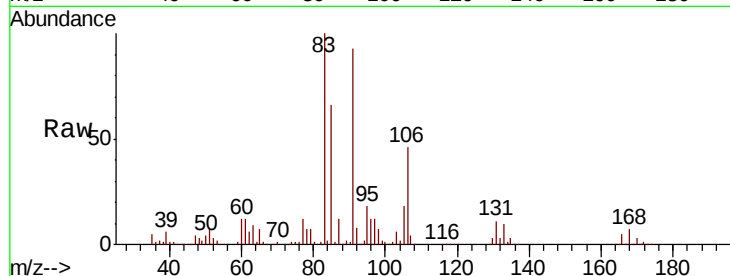




#63
 1,1,2,2-Tetrachloroethane
 Concen: 7.686 ppbv
 RT: 13.69 min Scan# 3391
 Delta R.T. -0.02 min
 Lab File: VL035785.D
 Acq: 16 Oct 2020 13:56

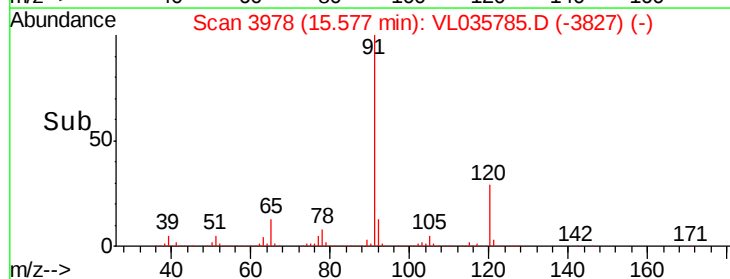
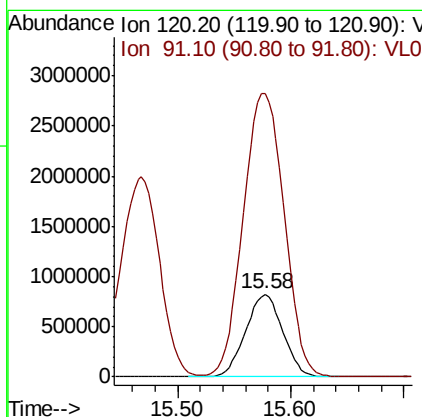
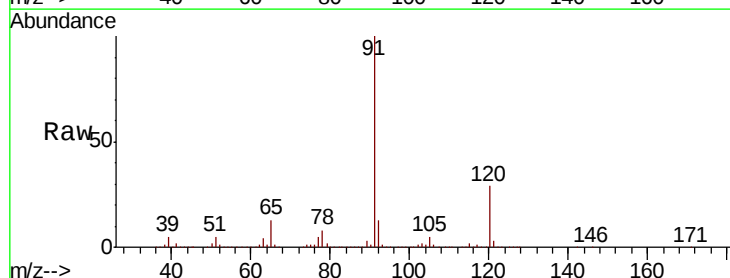
Instrument :
 MSVOA_L
 ClientSampleId :

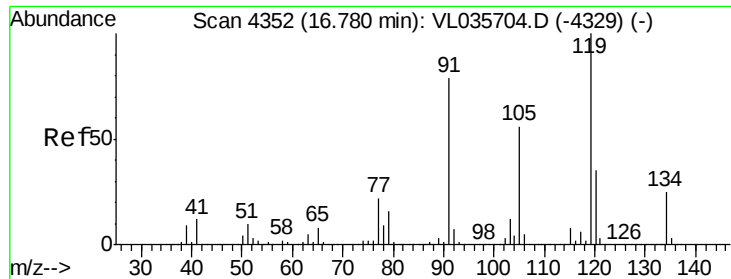
Tot Ion: 83 Resp: 2955879
 Ion Ratio Lower Upper
 83 100
 131 10.7 5.3 16.1
 85 66.5 33.4 100.2



#64
 n-propylbenzene
 Concen: 8.808 ppbv
 RT: 15.58 min Scan# 3978
 Delta R.T. -0.02 min
 Lab File: VL035785.D
 Acq: 16 Oct 2020 13:56

Tgt Ion:120 Resp: 1875281
 Ion Ratio Lower Upper
 120 100
 91 380.8 300.4 450.6

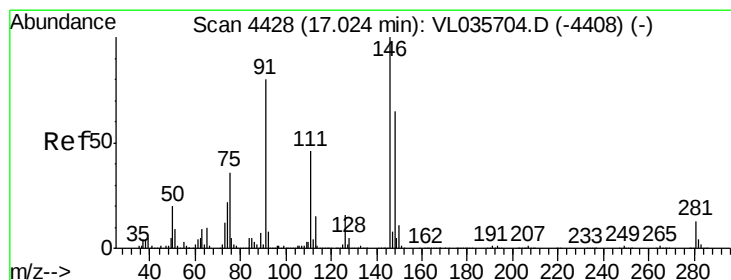
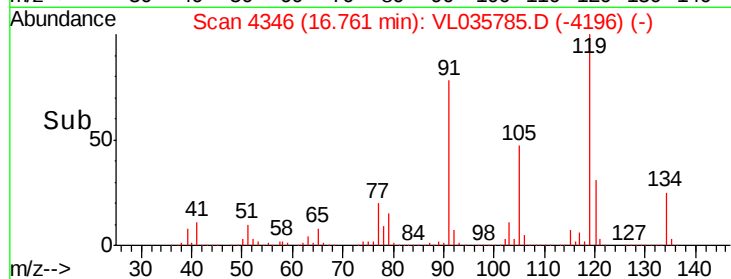
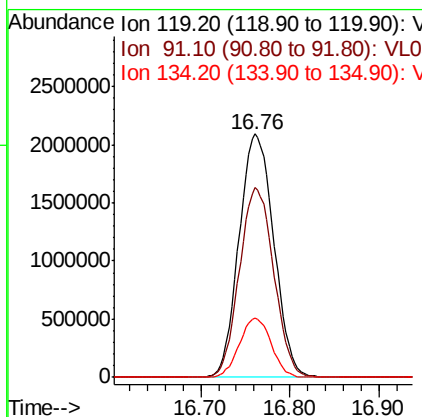
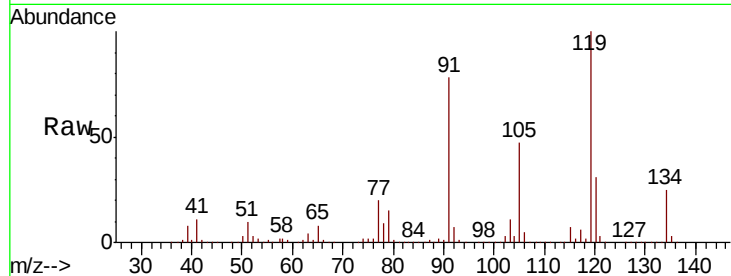




#65
 tert-Butylbenzene
 Concen: 8.560 ppbv
 RT: 16.76 min Scan# 4346
 Delta R.T. -0.02 min
 Lab File: VL035785.D
 Acq: 16 Oct 2020 13:56

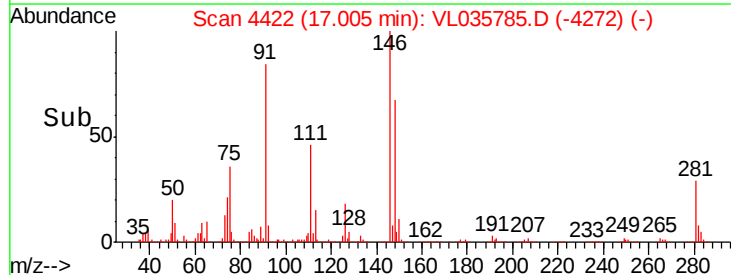
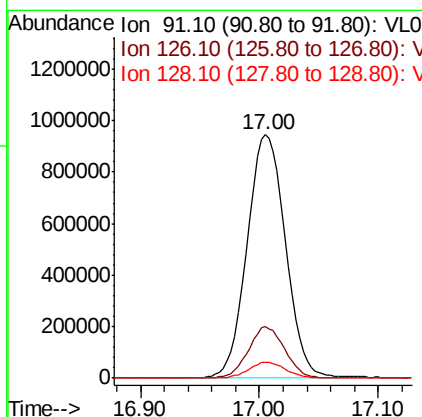
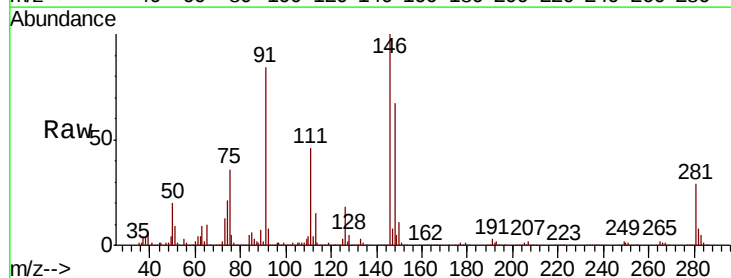
Instrument :
 MSVOA_L
 ClientSampled :

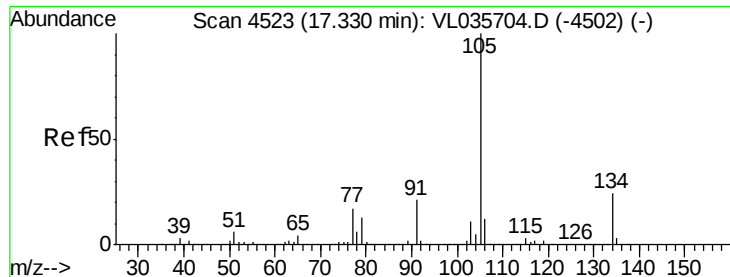
Tot Ion:119 Resp: 5661606
 Ion Ratio Lower Upper
 119 100
 91 77.2 62.4 93.6
 134 22.5 18.2 27.2



#66
 Benzyl Chloride
 Concen: 10.519 ppbv
 RT: 17.00 min Scan# 4422
 Delta R.T. -0.02 min
 Lab File: VL035785.D
 Acq: 16 Oct 2020 13:56

Tgt Ion: 91 Resp: 2108053
 Ion Ratio Lower Upper
 91 100
 126 20.1 15.3 22.9
 128 6.3 5.0 7.4

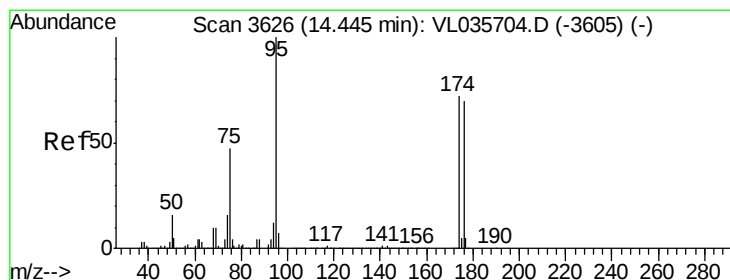
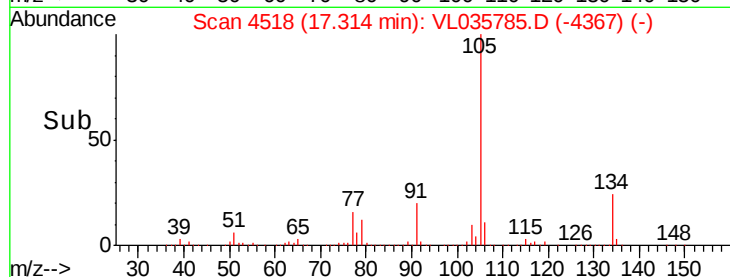
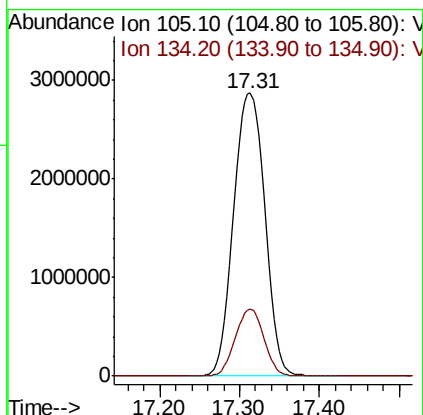
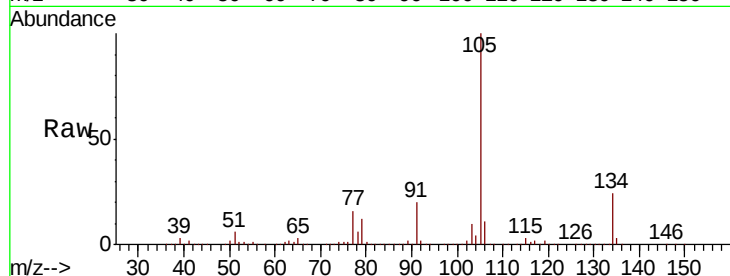




#67
 sec-Butylbenzene
 Concen: 8.312 ppbv
 RT: 17.31 min Scan# 4518
 Delta R.T. -0.02 min
 Lab File: VL035785.D
 Acq: 16 Oct 2020 13:56

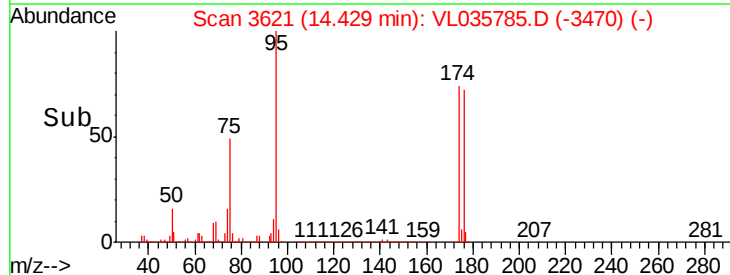
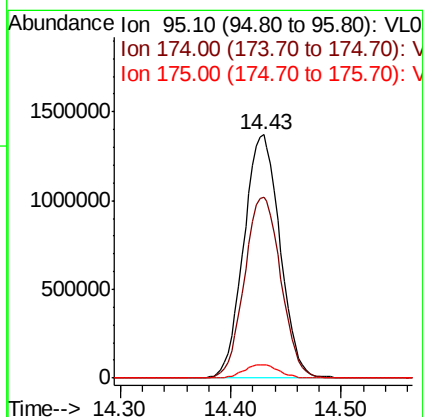
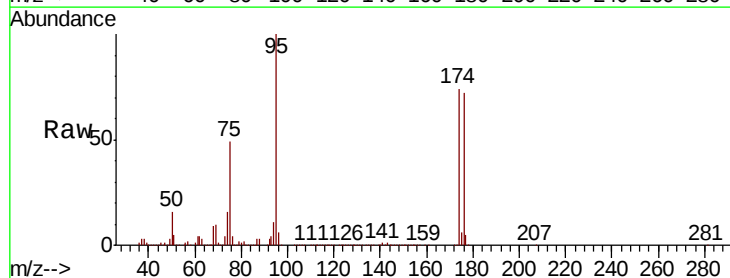
Instrument :
 MSVOA_L
 ClientSampleId :

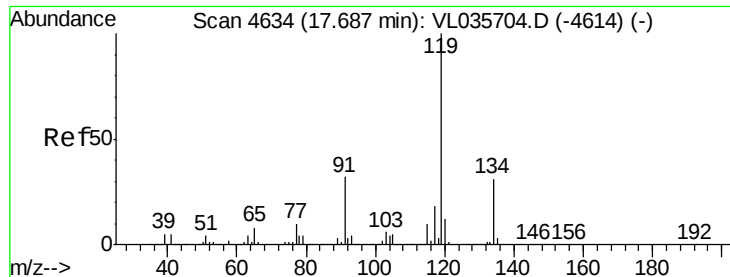
Tot Ion:105 Resp: 7591562
 Ion Ratio Lower Upper
 105 100
 134 21.7 17.6 26.4



#68
 1-Bromo-4-Fluorobenzene
 Concen: 7.844 ppbv
 RT: 14.43 min Scan# 3621
 Delta R.T. -0.02 min
 Lab File: VL035785.D
 Acq: 16 Oct 2020 13:56

Tgt Ion: 95 Resp: 3109247
 Ion Ratio Lower Upper
 95 100
 174 75.3 59.6 89.4
 175 5.4 4.2 6.4



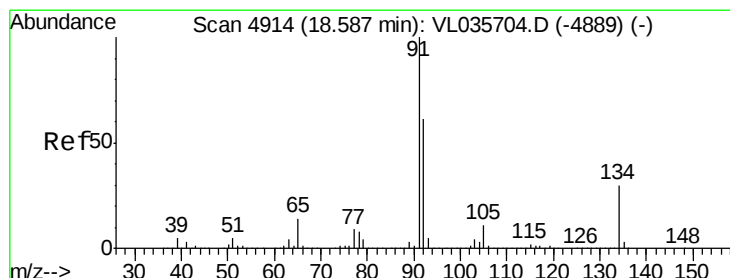
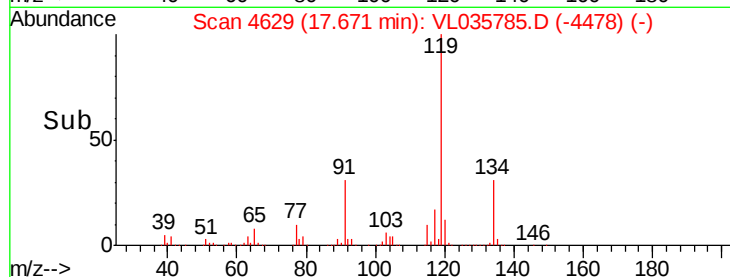
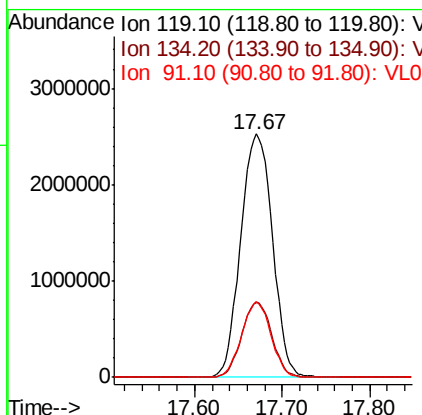
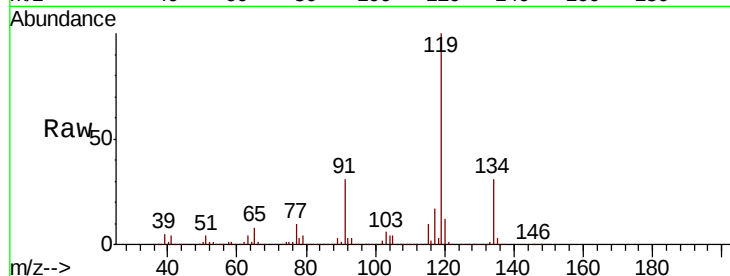


#69
 p-Isopropyltoluene
 Concen: 8.575 ppbv
 RT: 17.67 min Scan# 4629
 Delta R.T. -0.02 min
 Lab File: VL035785.D
 Acq: 16 Oct 2020 13:56

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion:119 Resp: 6371698

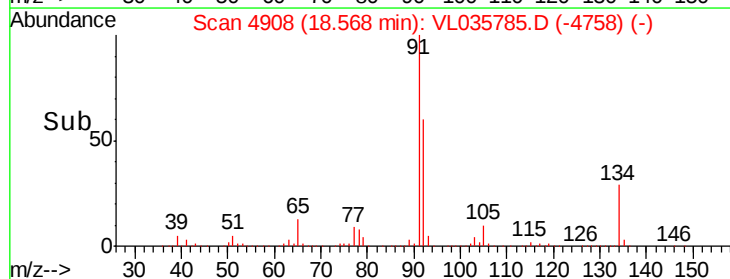
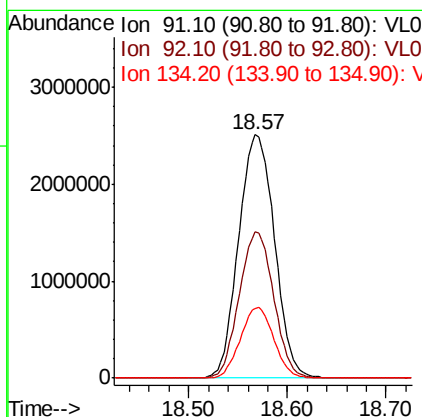
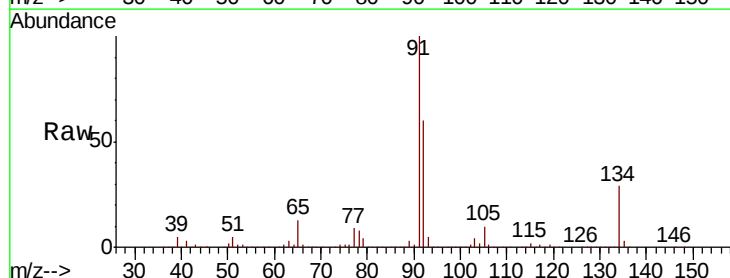
Ion	Ratio	Lower	Upper
119	100		
134	29.3	23.9	35.9
91	28.8	23.8	35.6

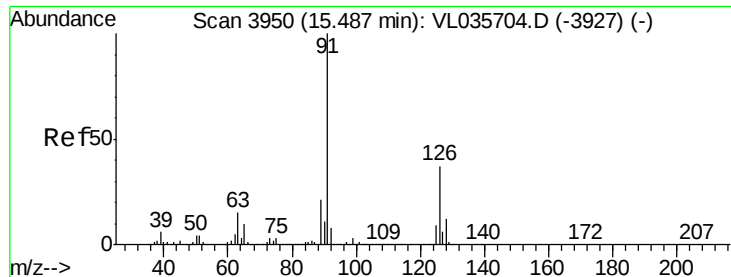


#70
 n-Butylbenzene
 Concen: 8.239 ppbv
 RT: 18.57 min Scan# 4908
 Delta R.T. -0.02 min
 Lab File: VL035785.D
 Acq: 16 Oct 2020 13:56

Tgt Ion: 91 Resp: 6304224

Ion	Ratio	Lower	Upper
91	100		
92	57.7	47.0	70.4
134	27.2	21.9	32.9





#71

2-Chlorotoluene

Concen: 8.863 ppbv

RT: 15.47 min Scan# 3944

Delta R.T. -0.02 min

Lab File: VL035785.D

Acq: 16 Oct 2020 13:56

Instrument :

MSVOA_L

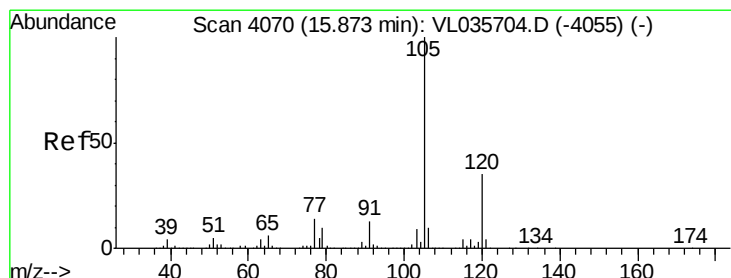
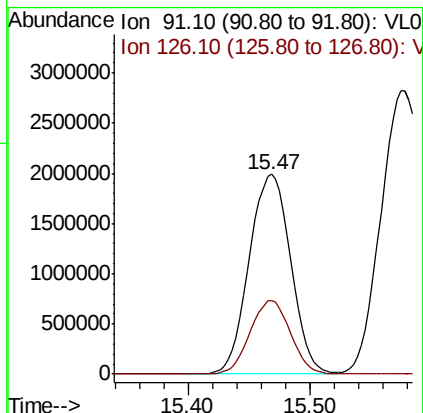
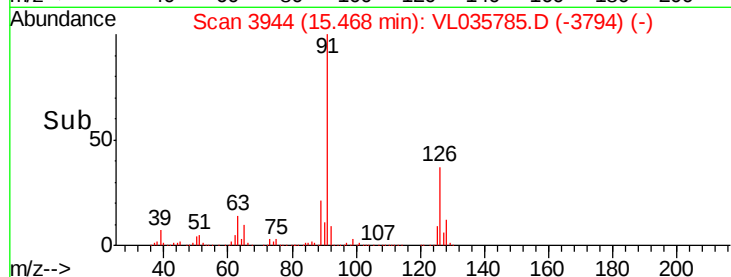
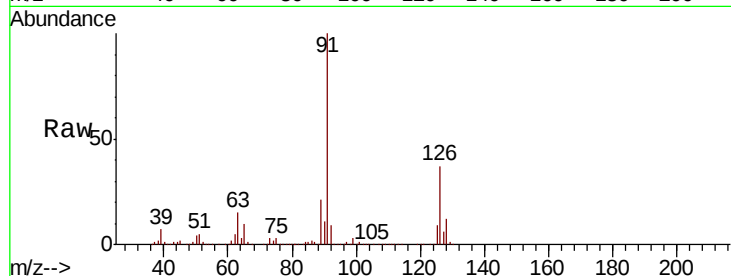
ClientSampleId :

Tot Ion: 91 Resp: 4703214

Ion Ratio Lower Upper

91 100

126 35.7 14.4 57.4



#72

4-Ethyltoluene

Concen: 8.970 ppbv

RT: 15.85 min Scan# 4064

Delta R.T. -0.02 min

Lab File: VL035785.D

Acq: 16 Oct 2020 13:56

Tgt Ion:105 Resp: 4983611

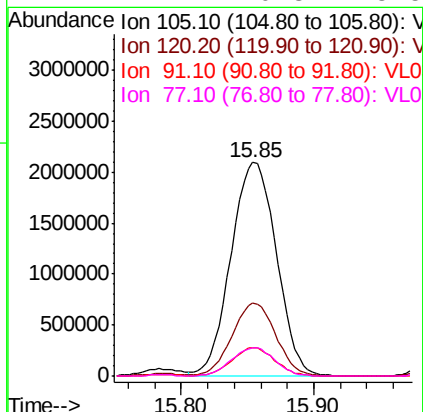
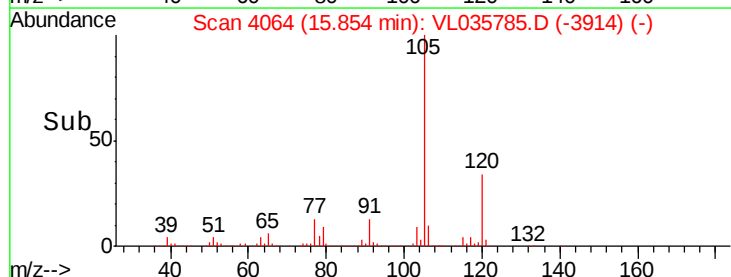
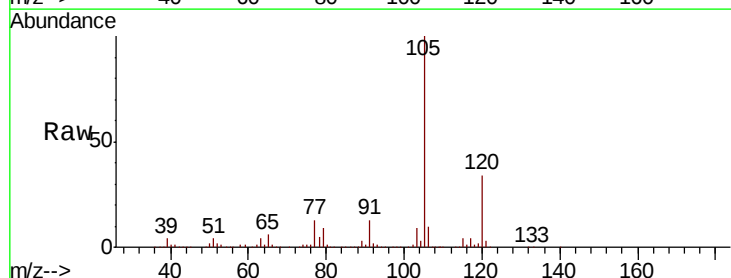
Ion Ratio Lower Upper

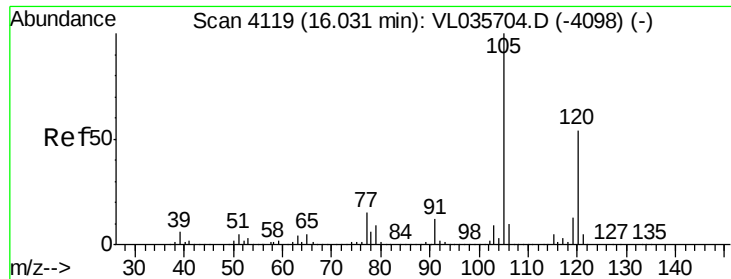
105 100

120 33.0 26.5 39.7

91 12.6 10.2 15.2

77 12.7 10.3 15.5





#73

1,3,5-Trimethylbenzene

Concen: 8.832 ppbv

RT: 16.01 min Scan# 4113

Delta R.T. -0.02 min

Lab File: VL035785.D

Acq: 16 Oct 2020 13:56

Instrument :

MSVOA_L

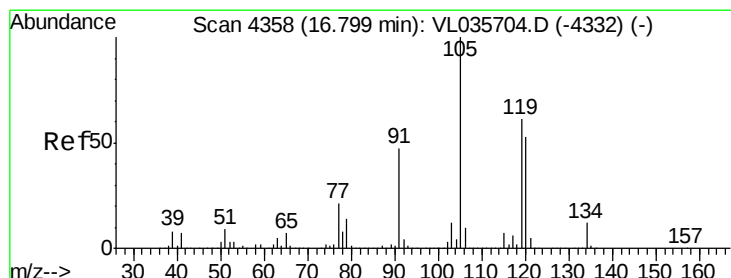
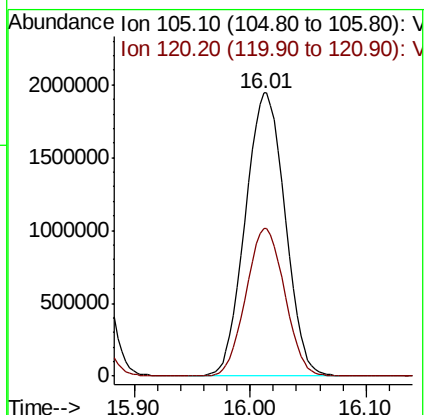
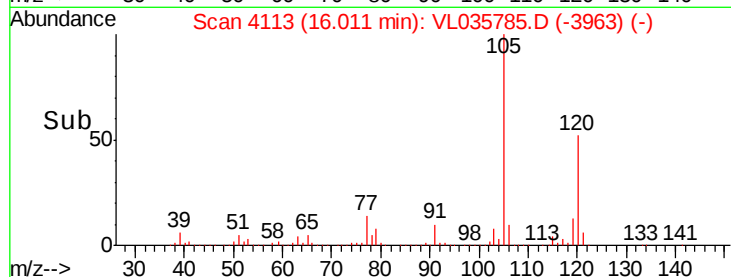
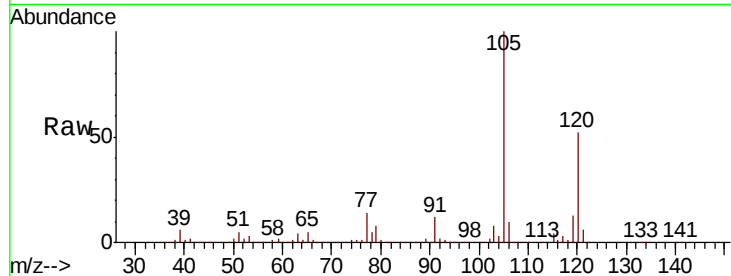
ClientSampled :

Tot Ion:105 Resp: 4636950

Ion Ratio Lower Upper

105 100

120 52.1 43.0 64.4



#74

1,2,4-Trimethylbenzene

Concen: 8.099 ppbv

RT: 16.78 min Scan# 4352

Delta R.T. -0.02 min

Lab File: VL035785.D

Acq: 16 Oct 2020 13:56

Tgt Ion:105 Resp: 4793513

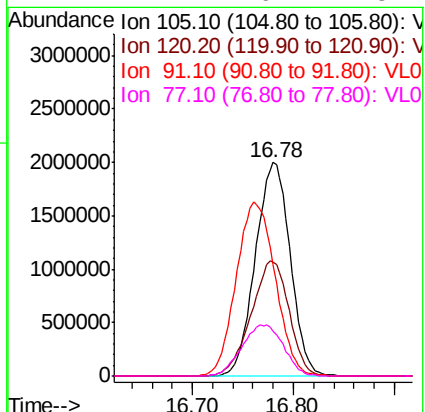
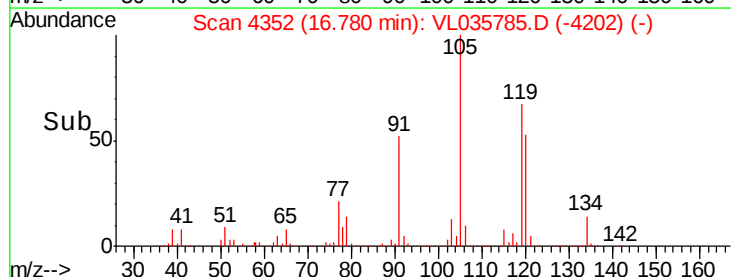
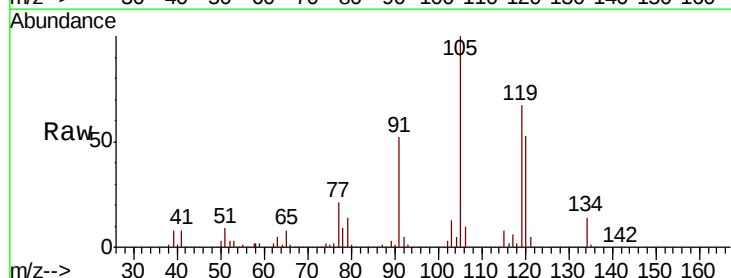
Ion Ratio Lower Upper

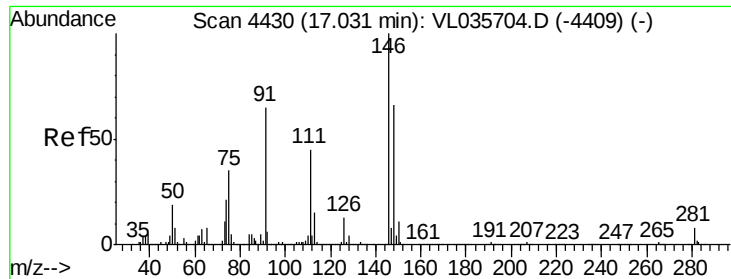
105 100

120 53.1 42.5 63.7

91 51.9 37.7 56.5

77 21.1 16.7 25.1





#75

1,3-Dichlorobenzene

Concen: 7.821 ppbv

RT: 17.01 min Scan# 4424

Delta R.T. -0.02 min

Lab File: VL035785.D

Acq: 16 Oct 2020 13:56

Instrument :

MSVOA_L

ClientSampleId :

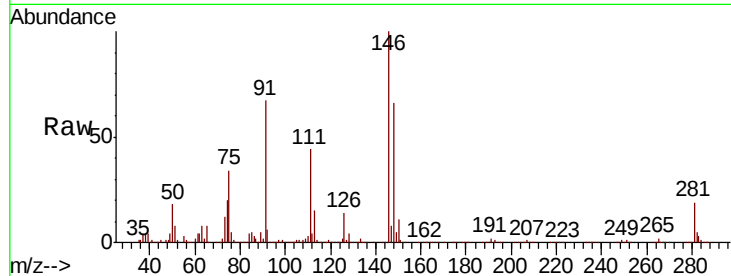
Tot Ion:146 Resp: 3160388

Ion Ratio Lower Upper

146 100

111 43.9 22.4 67.0

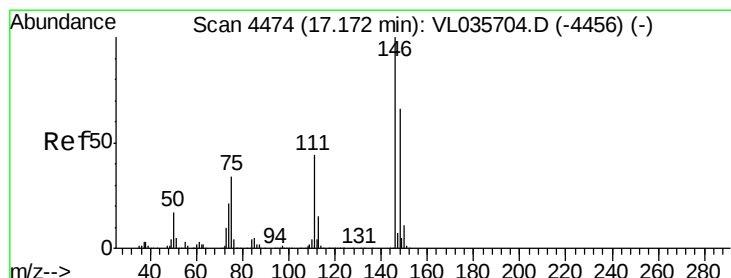
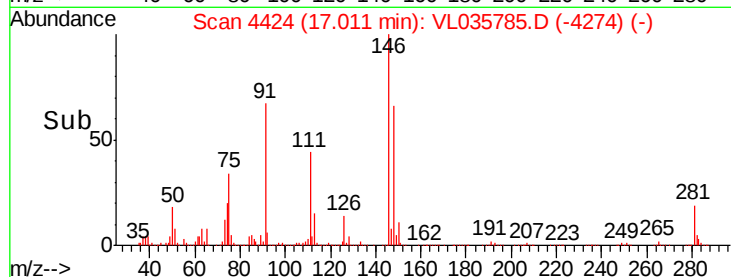
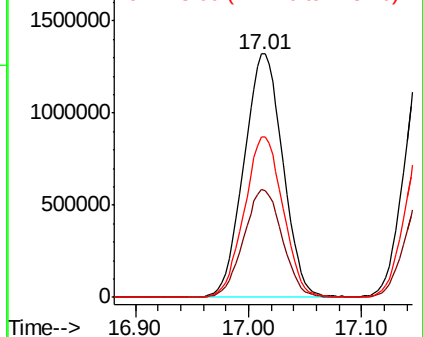
148 65.4 33.0 99.0



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



#76

1,4-Dichlorobenzene

Concen: 8.257 ppbv

RT: 17.16 min Scan# 4469

Delta R.T. -0.02 min

Lab File: VL035785.D

Acq: 16 Oct 2020 13:56

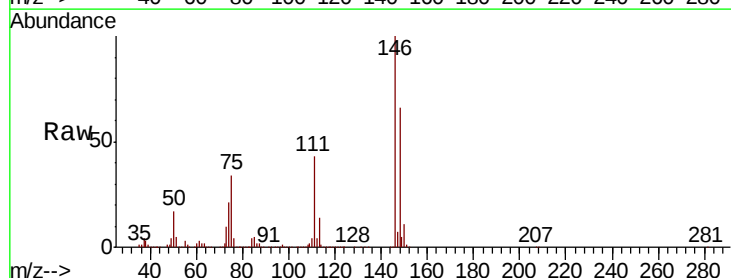
Tgt Ion:146 Resp: 3189174

Ion Ratio Lower Upper

146 100

111 42.3 21.4 64.3

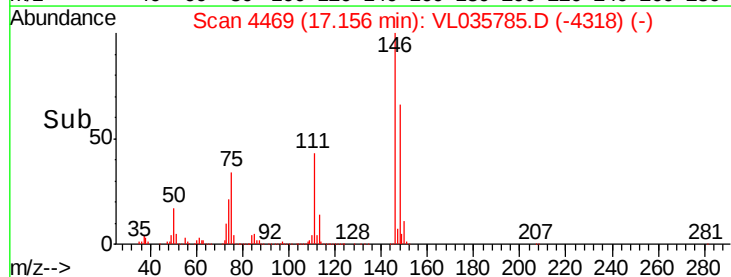
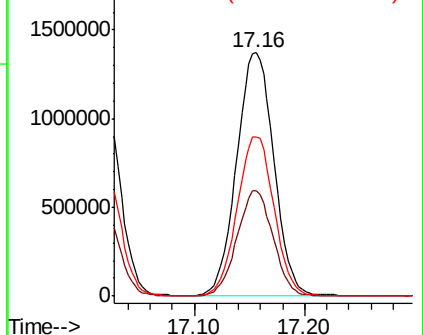
148 65.4 32.6 98.0

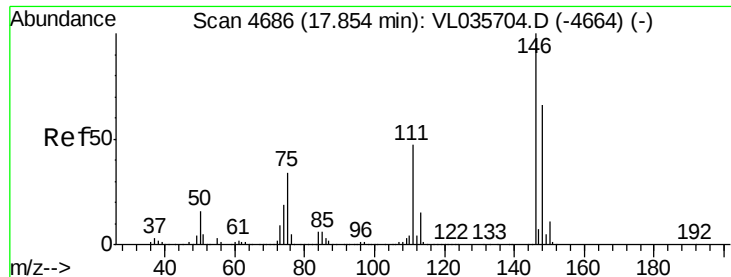


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V

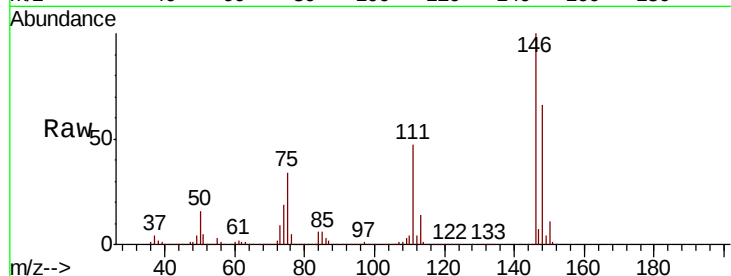




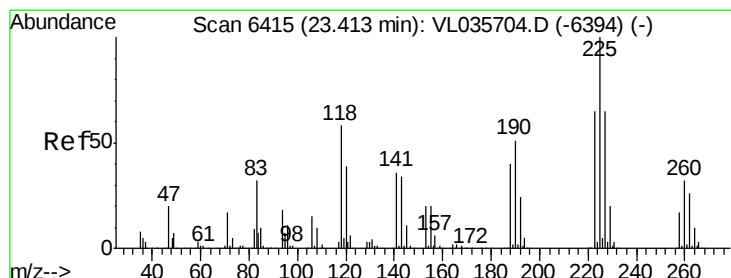
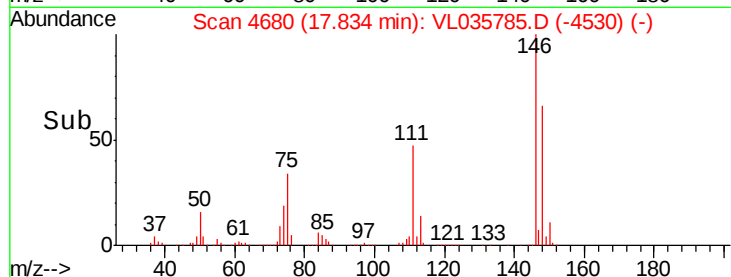
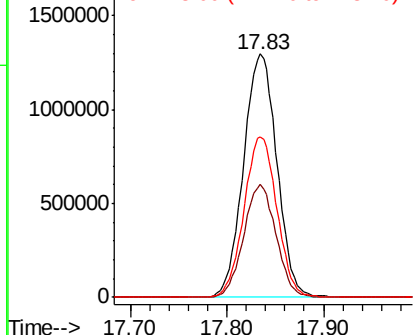
#77
 1,2-Dichlorobenzene
 Concen: 8.142 ppbv
 RT: 17.83 min Scan# 4680
 Delta R.T. -0.02 min
 Lab File: VL035785.D
 Acq: 16 Oct 2020 13:56

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion:146 Resp: 3107437
 Ion Ratio Lower Upper
 146 100
 111 45.1 22.9 68.5
 148 65.2 32.6 98.0

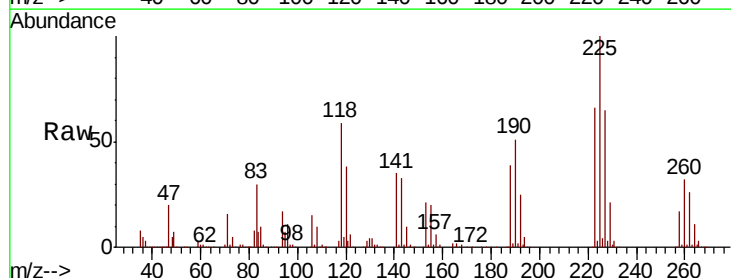


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.10 (110.80 to 111.80): V
 Ion 148.00 (147.70 to 148.70): V

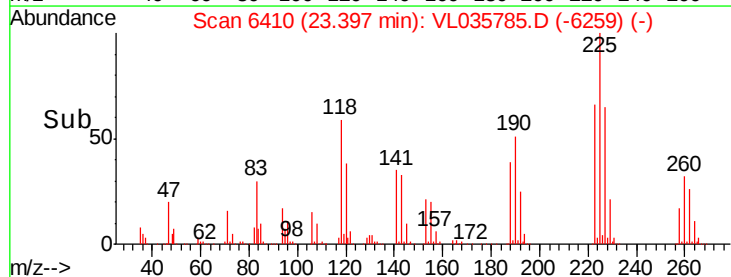
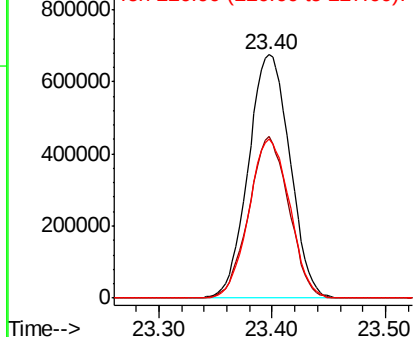


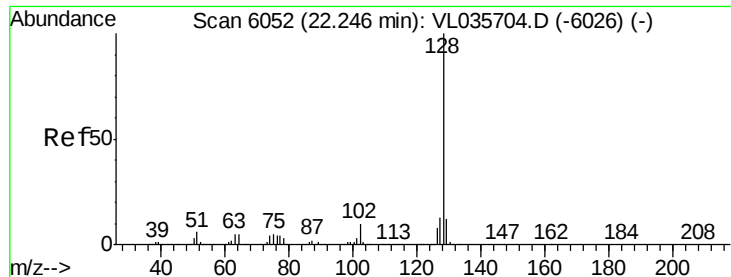
#78
 Hexachloro-1,3-Butadiene
 Concen: 8.196 ppbv
 RT: 23.40 min Scan# 6410
 Delta R.T. -0.02 min
 Lab File: VL035785.D
 Acq: 16 Oct 2020 13:56

Tgt Ion:225 Resp: 1725798
 Ion Ratio Lower Upper
 225 100
 223 63.8 51.3 76.9
 227 64.1 51.6 77.4



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

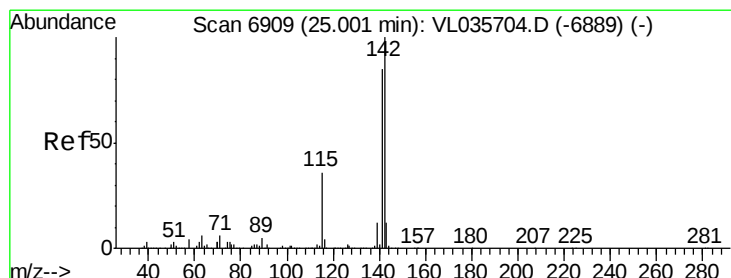
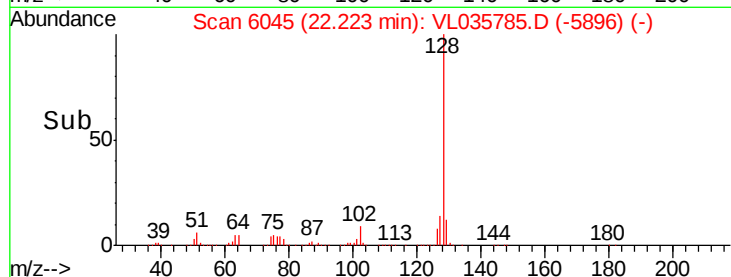
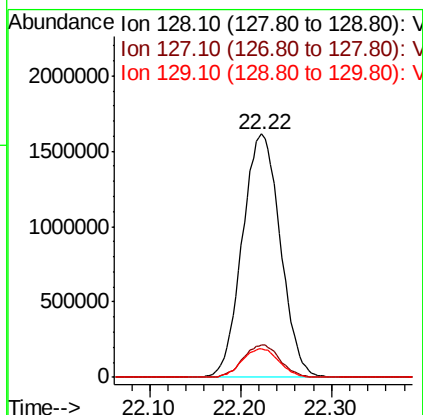
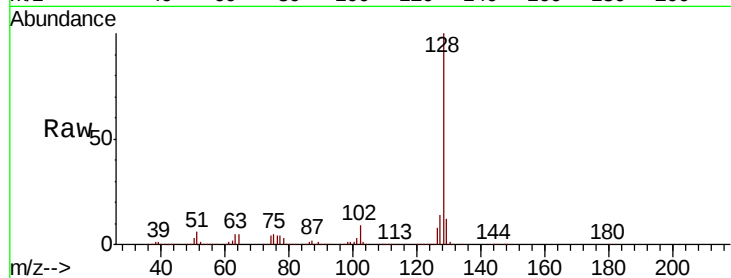




#79
Naphthalene
Concen: 8.299 ppbv
RT: 22.22 min Scan# 6045
Delta R.T. -0.02 min
Lab File: VL035785.D
Acq: 16 Oct 2020 13:56

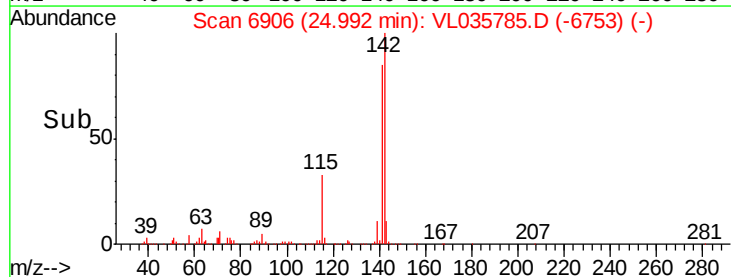
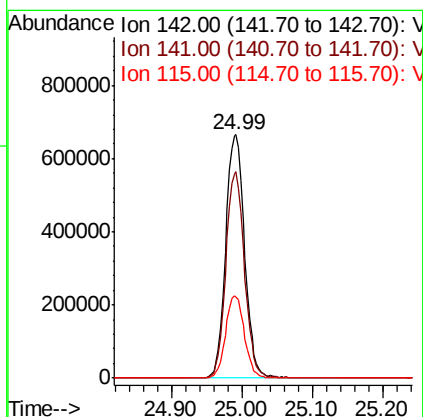
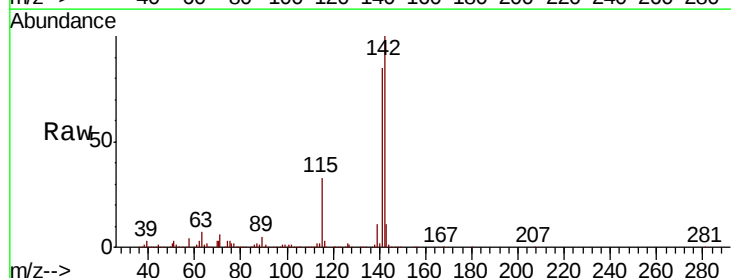
Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:128 Resp: 4685106
Ion Ratio Lower Upper
128 100
127 13.5 10.6 15.8
129 11.9 9.4 14.0



#80
Naphthalene, 2-methyl-
Concen: 9.411 ppbv
RT: 24.99 min Scan# 6906
Delta R.T. -0.01 min
Lab File: VL035785.D
Acq: 16 Oct 2020 13:56

Tgt Ion:142 Resp: 1253182
Ion Ratio Lower Upper
142 100
141 83.7 68.2 102.4
115 33.7 27.8 41.6





#81
 1,2,4-Trichlorobenzene
 Concen: 8.358 ppbv
 RT: 21.95 min Scan# 5961
 Delta R.T. -0.02 min
 Lab File: VL035785.D
 Acq: 16 Oct 2020 13:56

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion:180 Resp: 2445176
 Ion Ratio Lower Upper
 180 100
 182 95.3 76.2 114.2
 184 30.7 24.6 37.0

