

Data File : VL032479.D
Acq On : 6 Sep 2018 9:07
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Quant Time: Sep 06 14:55:12 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL083118AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 31 21:33:46 2018
QLast Update : Fri Aug 31 21:33:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.80	49	1404237	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.34	114	2998773	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.29	117	3613812	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.63	95	2185390	8.15	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	81.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.10	85	1057868	5.889	ppbv	99
3) Chlorodifluoromethane	3.04	51	1259835	9.911	ppbv	99
4) Chloromethane	3.19	50	741920	9.639	ppbv	100
5) Vinyl Chloride	3.32	62	708184	9.322	ppbv	100
6) Bromomethane	3.54	94	378539	9.493	ppbv	100
7) Chloroethane	3.63	64	248075	9.434	ppbv	99
8) Dichlorotetrafluoroethane	3.24	85	1484764	9.313	ppbv	97
9) Propene	3.06	41	608074	11.859	ppbv	99
10) Heptane	8.29	43	2159429	11.739	ppbv	99
11) Trichlorofluoromethane	4.04	101	1412868	8.723	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.59	101	1109827	10.112	ppbv	97
13) Ethanol	3.68	45	153493	9.603	ppbv	95
14) Bromoethene	3.82	108	466304	10.028	ppbv	100
15) Acetone	3.93	43	1125406	8.900	ppbv	97
16) 1,3-Butadiene	3.39	39	617585	10.379	ppbv	88
17) tert-Butyl alcohol	4.39	59	206183	10.595	ppbv #	100
18) 1,1-Dichloroethene	4.38	96	473895	9.448	ppbv	97
19) Isopropyl Alcohol	4.05	45	917260	11.057	ppbv #	98
20) Methylene Chloride	4.44	84	401544	8.328	ppbv	96
21) Allyl Chloride	4.51	41	925949	11.025	ppbv	97
22) trans-1,2-Dichloroethene	5.00	96	454567	8.352	ppbv	98
23) Vinyl Acetate	5.19	43	2566142	12.243	ppbv	99
24) 1,1-Dichloroethane	5.13	63	1713428	9.921	ppbv	99
25) Ethyl Acetate	5.81	43	3191194	10.686	ppbv	99
26) Hexane	5.82	57	1450395	10.847	ppbv	97
27) Carbon Disulfide	4.65	76	1353297	10.964	ppbv	98
28) Methyl tert-Butyl Ether	5.15	73	1979686	12.059	ppbv	99
29) Chloroform	5.89	83	2061752	10.113	ppbv	97
30) Cyclohexane	7.29	84	1205978	12.317	ppbv	99
31) cis-1,2-Dichloroethene	5.68	61	1452738	11.998	ppbv	96
32) 1,1,1-Trichloroethane	6.66	97	1954389	10.284	ppbv	98
34) 2-Butanone	5.36	43	2214461	11.117	ppbv	99
35) Carbon Tetrachloride	7.18	117	1928976	9.571	ppbv	99
36) Benzene	7.05	78	2912531	11.413	ppbv	99
37) 1,2-Dichloroethane	6.45	62	1560966	9.981	ppbv	99
38) Trichloroethene	8.01	130	952476	9.825	ppbv	98
39) 1,2-Dichloropropane	7.78	63	1136857	10.412	ppbv	98
40) 1,4-Dioxane	8.00	88	382653	11.681	ppbv	78
41) Tetrahydrofuran	6.19	42	1337632	12.336	ppbv	99
42) Bromodichloromethane	7.96	83	2169106	10.056	ppbv	99
43) Methyl Methacrylate	8.18	69	1199128	11.076	ppbv	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	8.04	57	4981127	10.096	ppbv	99
45) t-1,3-Dichloropropene	9.46	75	1577833	13.620	ppbv	98
46) cis-1,3-Dichloropropene	8.88	75	1884169	12.728	ppbv	99
47) 1,1,2-Trichloroethane	9.66	97	1199243	10.331	ppbv	99
48) Dibromochloromethane	10.50	129	1725721	10.734	ppbv	100
49) Bromoform	13.25	173	1395336	9.985	ppbv	100
50) 4-Methyl-2-Pentanone	8.91	43	3330748	11.100	ppbv	100
51) 2-Hexanone	10.31	43	2470175	12.781	ppbv #	99
52) Tetrachloroethene	11.42	164	837943	10.589	ppbv	98
53) Toluene	9.99	91	3271208	12.263	ppbv	100
54) 1,2-Dibromoethane	10.81	107	1626998	10.439	ppbv	97
56) 1,1,1,2-Tetrachloroethane	12.33	131	1239708	7.609	ppbv #	61
57) Chlorobenzene	12.35	112	2277951	7.887	ppbv	99
58) Ethyl Benzene	12.91	91	4221582	9.762	ppbv	100
59) m/p-Xylene	13.20	91	2351386	6.099	ppbv #	1
60) o-Xylene	13.90	91	3297240	8.706	ppbv	99
61) Styrene	13.74	104	2551869	10.408	ppbv	99
62) Isopropylbenzene	14.88	105	4747999	8.918	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.88	83	2455491	7.251	ppbv	100
64) n-propylbenzene	15.77	120	1235623	8.878	ppbv	97
65) tert-Butylbenzene	16.96	119	3997004	8.712	ppbv	99
66) Benzyl Chloride	17.21	91	2396734	9.378	ppbv	100
67) sec-Butylbenzene	17.51	105	6036817	8.750	ppbv	98
69) p-Isopropyltoluene	17.86	119	4804547	8.985	ppbv	99
70) n-Butylbenzene	18.76	91	5270949	8.696	ppbv	100
71) 2-Chlorotoluene	15.67	91	3774857	9.281	ppbv	99
72) 4-Ethyltoluene	16.05	105	3960274	9.578	ppbv	99
73) 1,3,5-Trimethylbenzene	16.21	105	3768122	9.096	ppbv	95
74) 1,2,4-Trimethylbenzene	16.98	105	3741790	8.262	ppbv	97
75) 1,3-Dichlorobenzene	17.21	146	2074836	7.721	ppbv	100
76) 1,4-Dichlorobenzene	17.36	146	2098196	8.415	ppbv	100
77) 1,2-Dichlorobenzene	18.04	146	2097432	8.090	ppbv	100
78) Hexachloro-1,3-Butadiene	23.59	225	1260646	13.013	ppbv	100
79) Naphthalene	22.47	128	3571342	9.697	ppbv	99
80) Naphthalene,2-methyl-	25.15	142	1413004	14.419	ppbv	100
81) 1,2,4-Trichlorobenzene	22.19	180	1694569	9.136	ppbv	100

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

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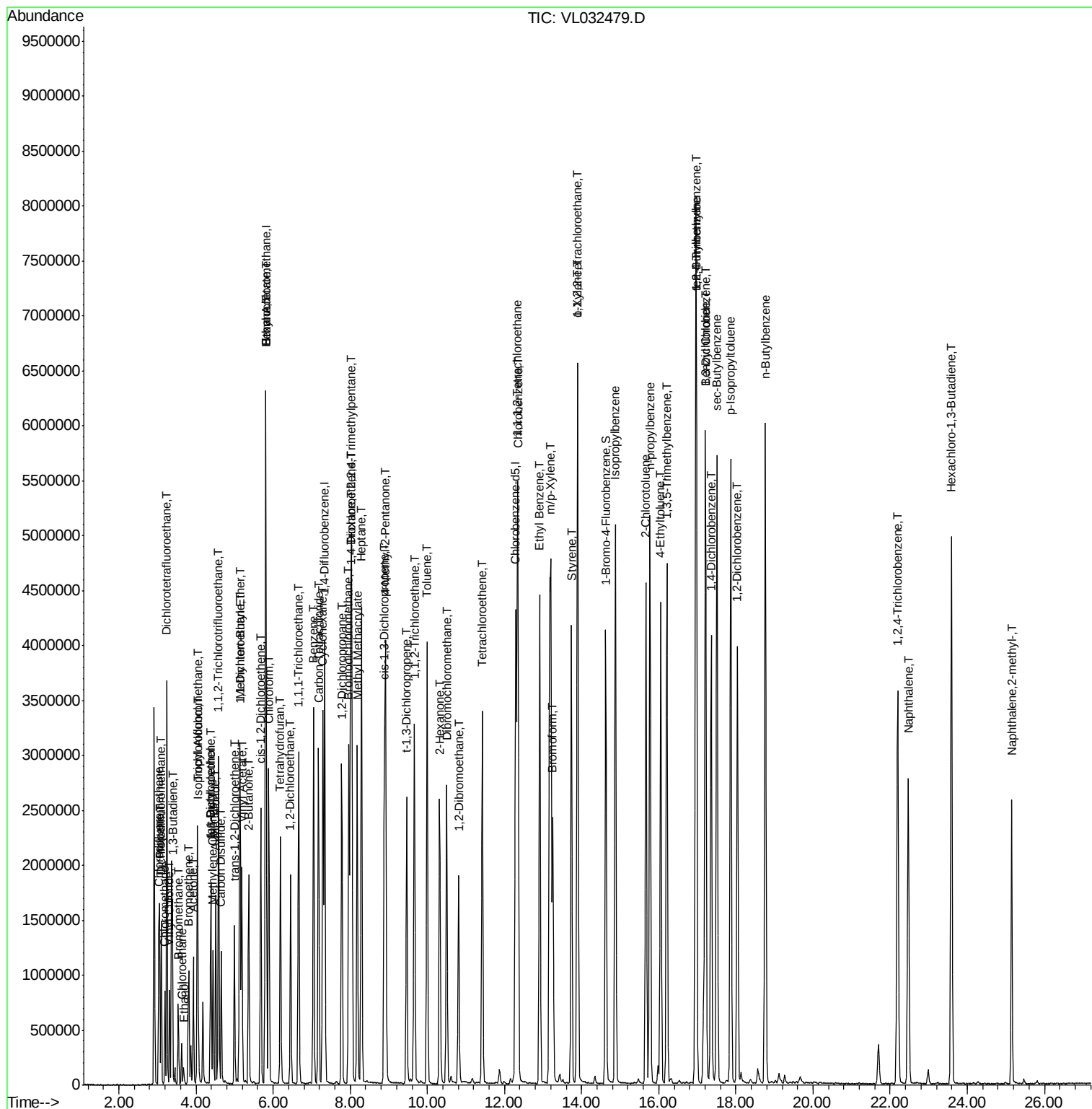
Quant Time: Sep 06 14:55:12 2018

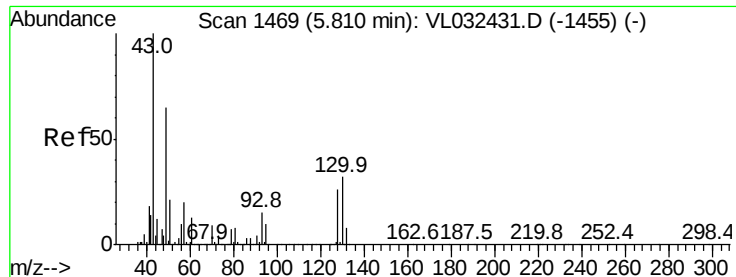
Quant Method : Z:\VOASRV\HPCHEM1\MSV0A_L\METHODS\VL083118AIR.M

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LFri Aug 31 21:33:46 2018

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.80 min Scan# 1466

Delta R.T. -0.01 min

Lab File: VL032479.D

Acq: 6 Sep 2018 9:07

Instrument :

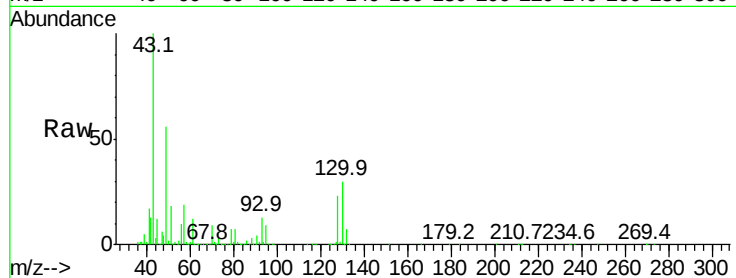
MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 49 Resp: 1404237

Ion	Ratio	Lower	Upper
49	100		
128	41.6	20.7	62.1
130	53.0	26.6	79.7

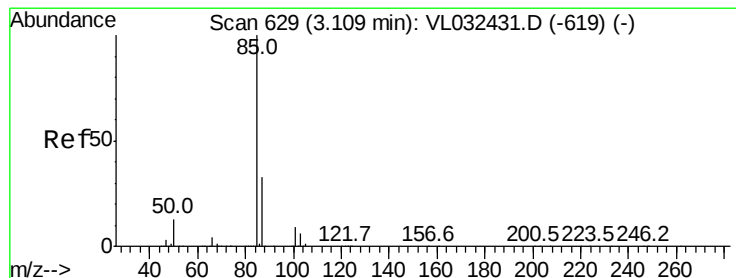
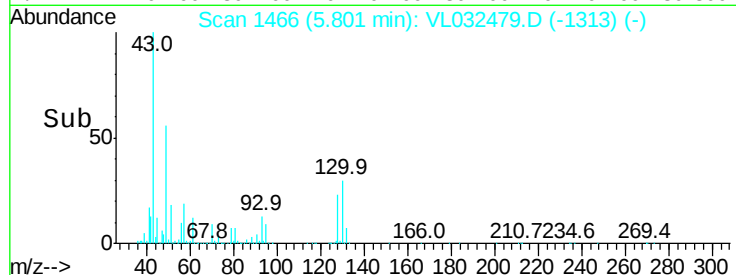


Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V

Time-->



#2

Dichlorodifluoromethane

Concen: 5.889 ppbv

RT: 3.10 min Scan# 626

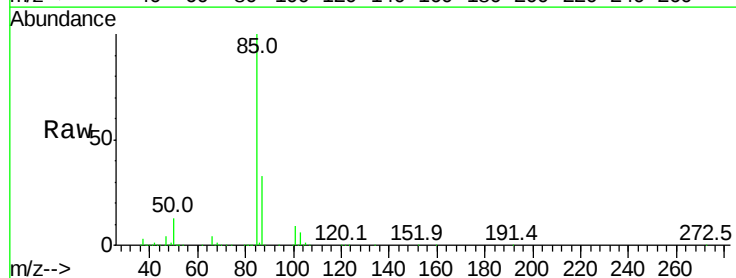
Delta R.T. -0.01 min

Lab File: VL032479.D

Acq: 6 Sep 2018 9:07

Tgt Ion: 85 Resp: 1057868

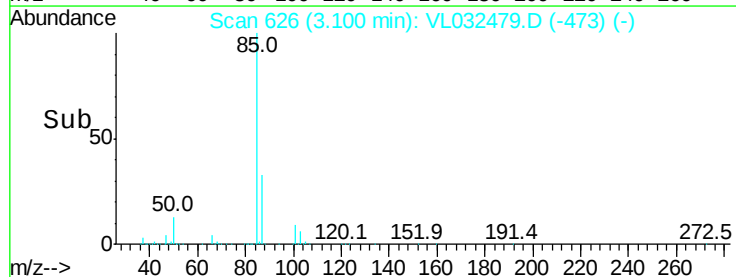
Ion	Ratio	Lower	Upper
85	100		
87	33.1	26.2	39.4

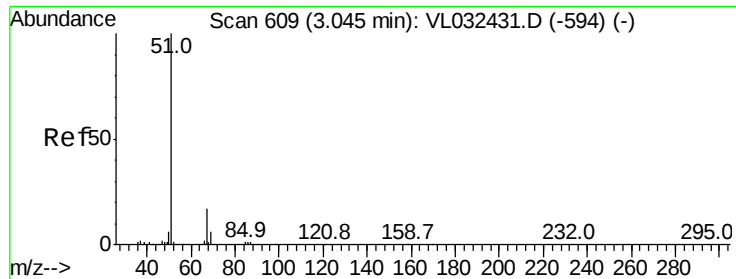


Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0

Time-->





#3

Chlorodifluoromethane

Concen: 9.911 ppbv

RT: 3.04 min Scan# 607

Delta R.T. -0.01 min

Lab File: VL032479.D

Acq: 6 Sep 2018 9:07

Instrument :

MSVOA_L

ClientSampleId :

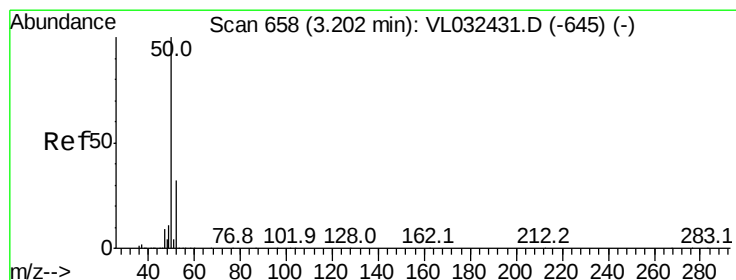
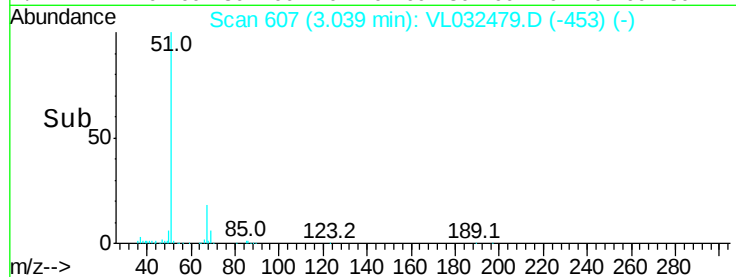
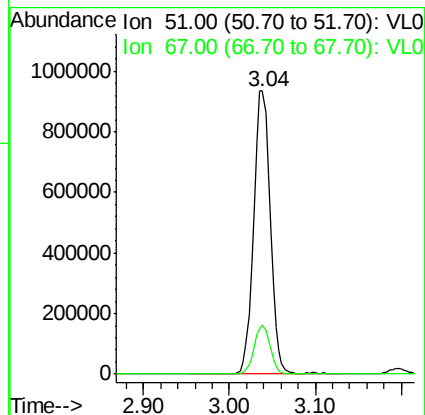
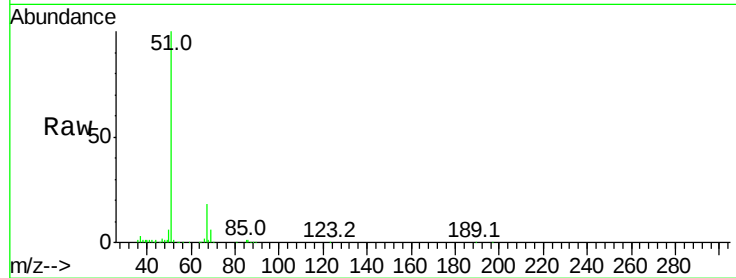
VSTDCCC010EC

Tgt Ion: 51 Resp: 1259835

Ion Ratio Lower Upper

51 100

67 16.7 13.8 20.8



#4

Chloromethane

Concen: 9.639 ppbv

RT: 3.19 min Scan# 655

Delta R.T. -0.01 min

Lab File: VL032479.D

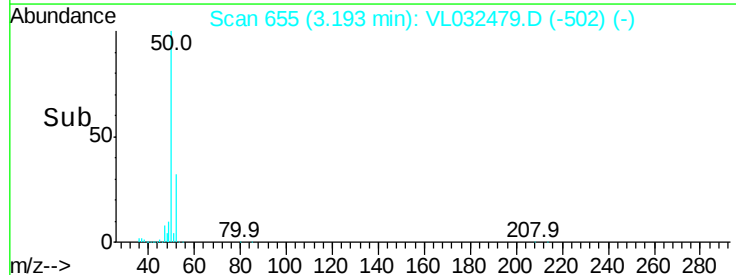
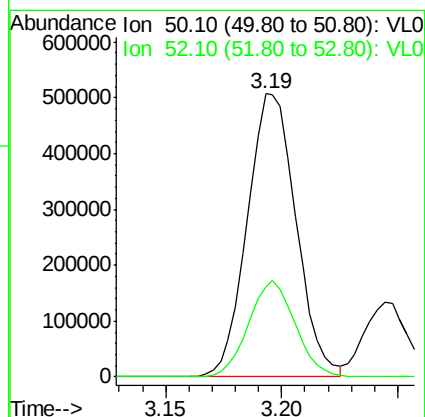
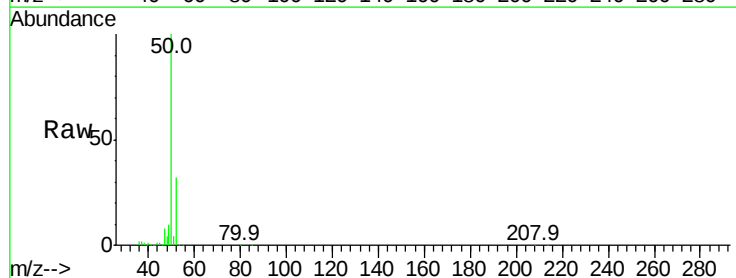
Acq: 6 Sep 2018 9:07

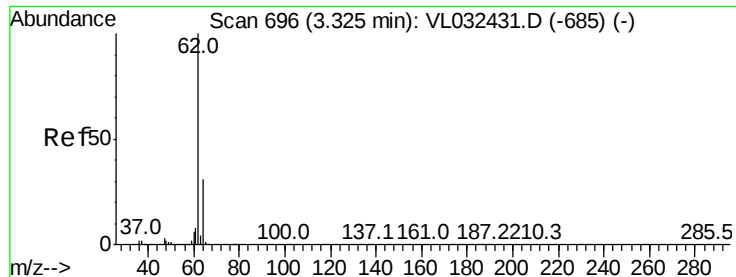
Tgt Ion: 50 Resp: 741920

Ion Ratio Lower Upper

50 100

52 31.8 25.6 38.4





#5

Vinyl Chloride

Concen: 9.322 ppbv

RT: 3.32 min Scan# 693

Delta R.T. -0.01 min

Lab File: VL032479.D

Acq: 6 Sep 2018 9:07

Instrument :

MSVOA_L

ClientSampleId :

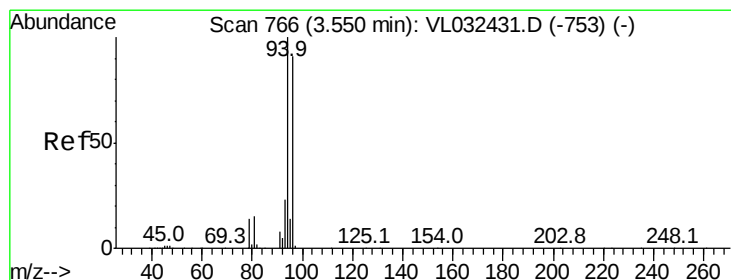
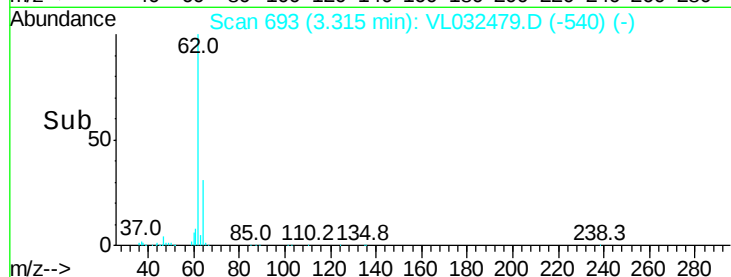
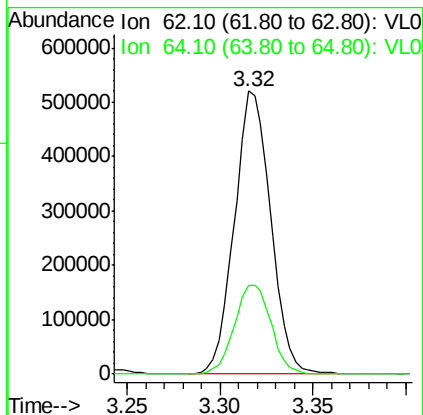
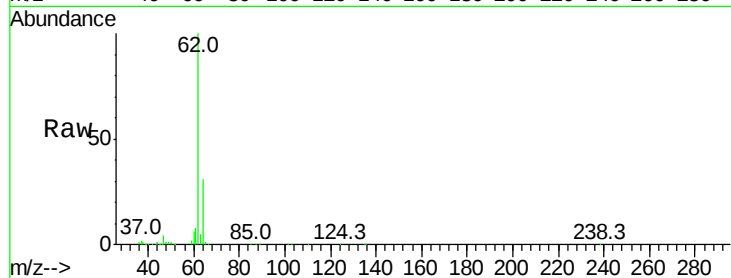
VSTDCCC010EC

Tgt Ion: 62 Resp: 708184

Ion Ratio Lower Upper

62 100

64 31.4 25.0 37.6



#6

Bromomethane

Concen: 9.493 ppbv

RT: 3.54 min Scan# 763

Delta R.T. -0.01 min

Lab File: VL032479.D

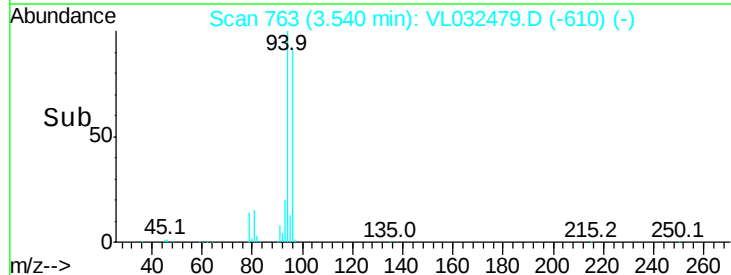
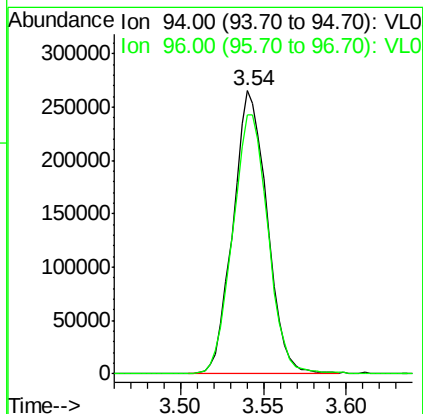
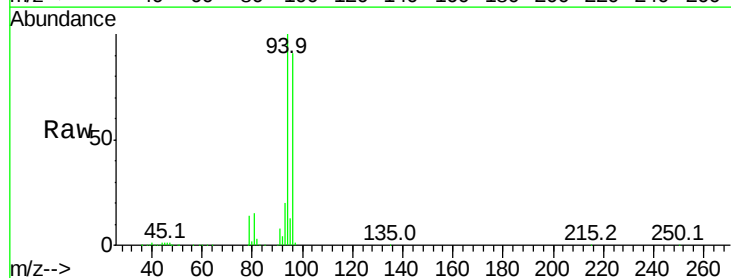
Acq: 6 Sep 2018 9:07

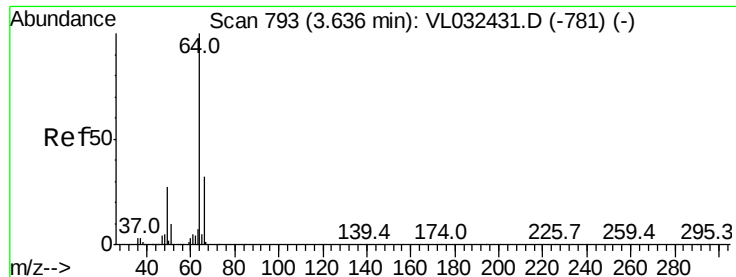
Tgt Ion: 94 Resp: 378539

Ion Ratio Lower Upper

94 100

96 91.4 72.8 109.2





#7

Chloroethane

Concen: 9.434 ppbv

RT: 3.63 min Scan# 791

Delta R.T. -0.01 min

Lab File: VL032479.D

Acq: 6 Sep 2018 9:07

Instrument :

MSVOA_L

ClientSampleId :

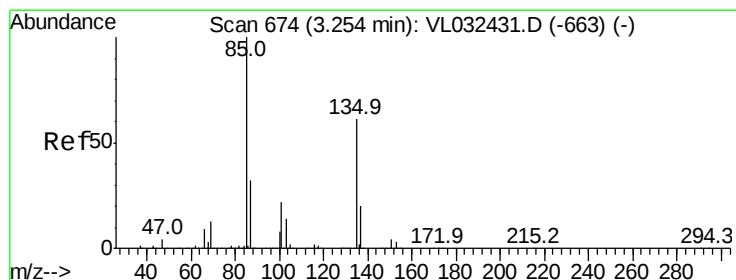
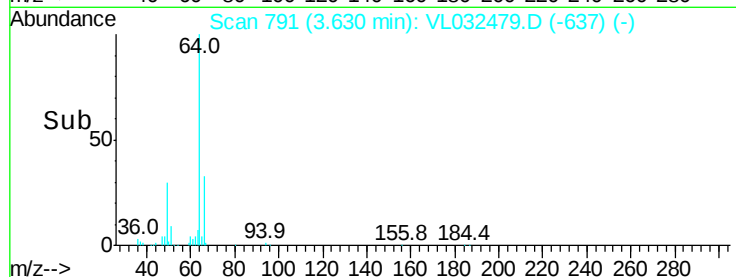
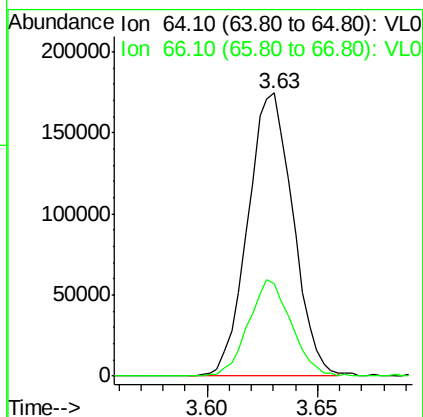
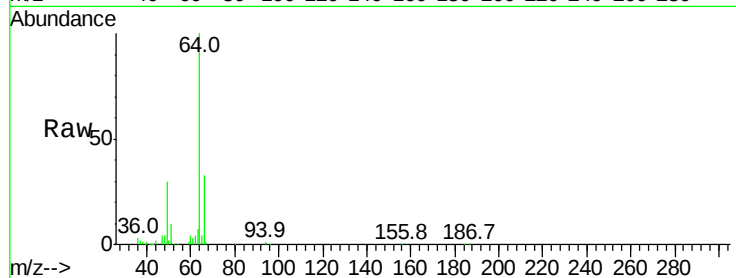
VSTDCCC010EC

Tgt Ion: 64 Resp: 248075

Ion Ratio Lower Upper

64 100

66 32.7 25.8 38.6



#8

Dichlorotetrafluoroethane

Concen: 9.313 ppbv

RT: 3.24 min Scan# 671

Delta R.T. -0.01 min

Lab File: VL032479.D

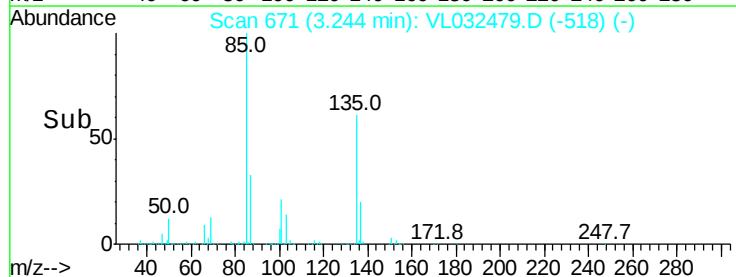
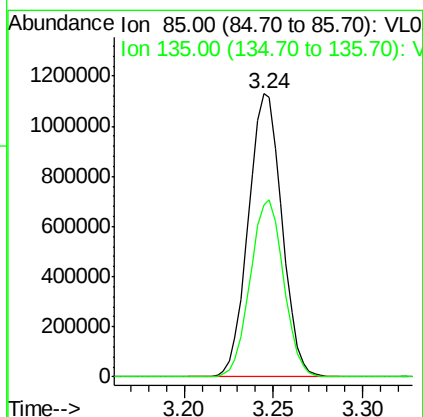
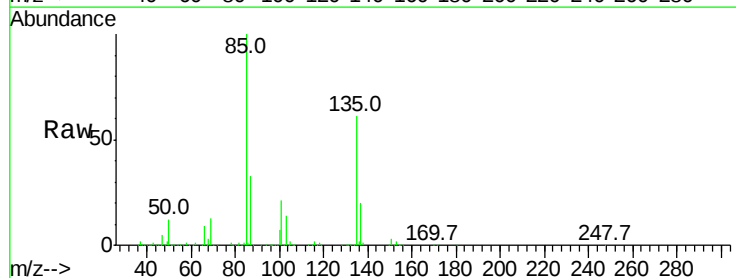
Acq: 6 Sep 2018 9:07

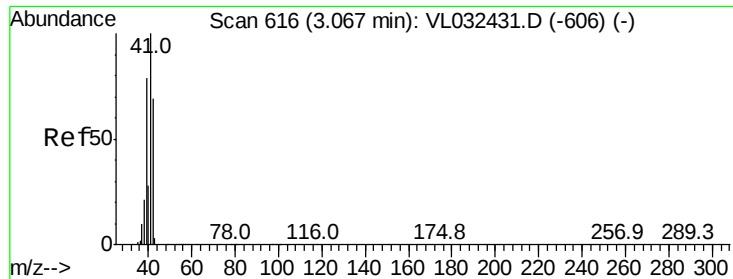
Tgt Ion: 85 Resp: 1484764

Ion Ratio Lower Upper

85 100

135 62.6 48.6 72.8





#9

Propene

Concen: 11.859 ppbv

RT: 3.06 min Scan# 614

Delta R.T. -0.01 min

Lab File: VL032479.D

Acq: 6 Sep 2018 9:07

Instrument :

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ClientSampleId :

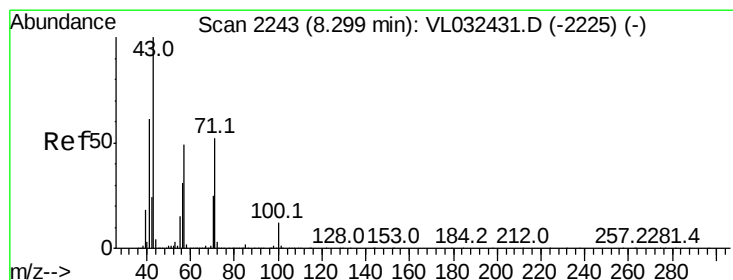
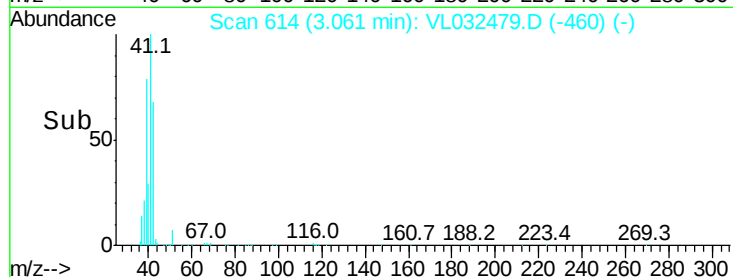
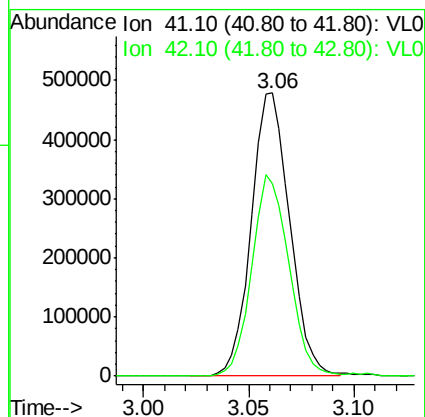
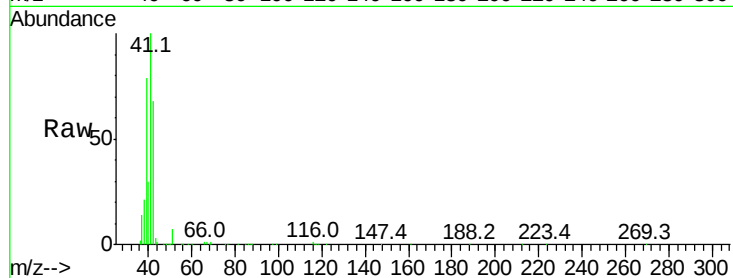
VSTDCCC010EC

Tgt Ion: 41 Resp: 608074

Ion Ratio Lower Upper

41 100

42 69.7 56.6 84.8



#10

Heptane

Concen: 11.739 ppbv

RT: 8.29 min Scan# 2240

Delta R.T. -0.01 min

Lab File: VL032479.D

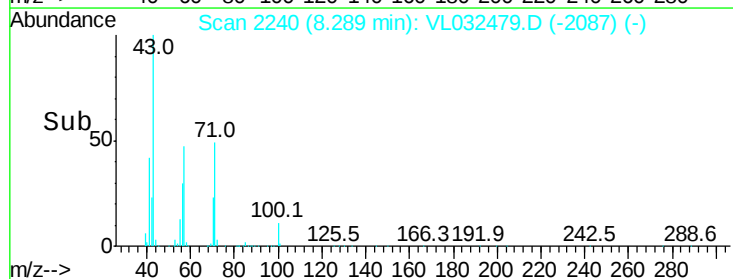
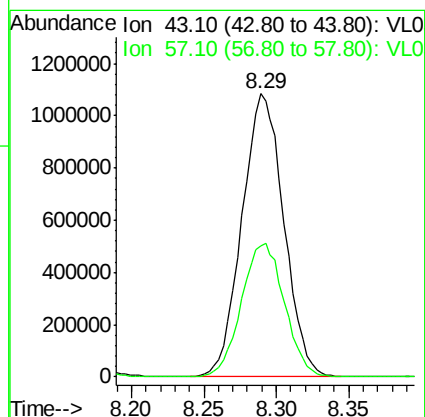
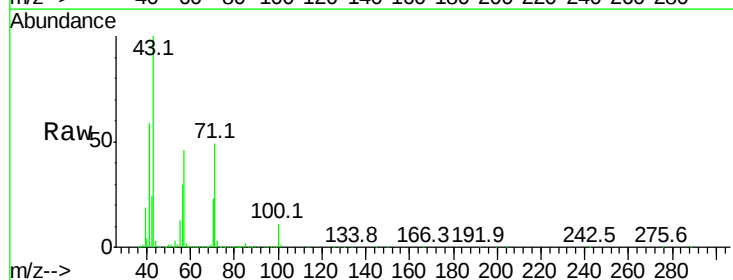
Acq: 6 Sep 2018 9:07

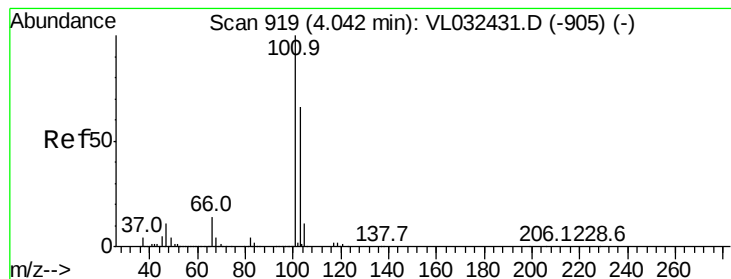
Tgt Ion: 43 Resp: 2159429

Ion Ratio Lower Upper

43 100

57 48.5 39.6 59.4





#11

Trichlorofluoromethane

Concen: 8.723 ppbv

RT: 4.04 min Scan# 917

Delta R.T. -0.01 min

Lab File: VL032479.D

Acq: 6 Sep 2018 9:07

Instrument :

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ClientSampleId :

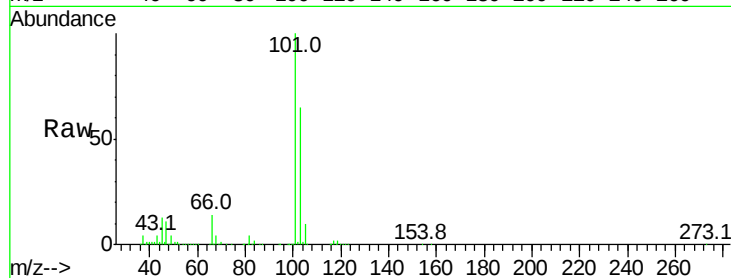
VSTDCCC010EC

Tgt Ion:101 Resp: 1412868

Ion Ratio Lower Upper

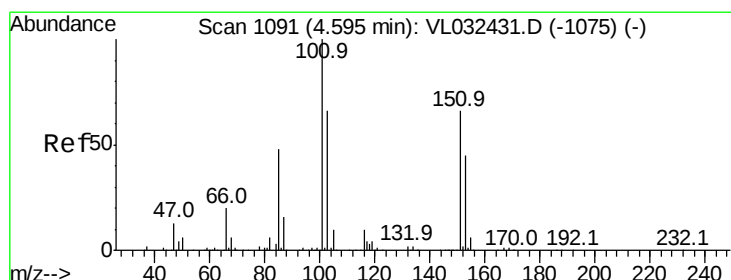
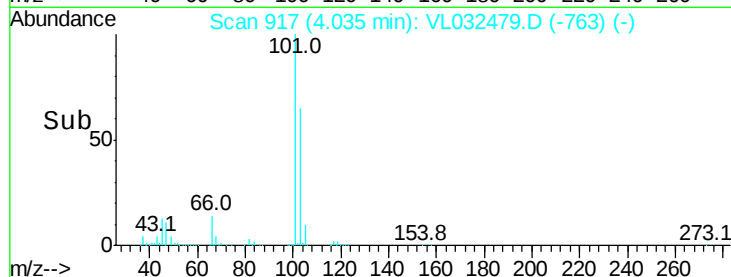
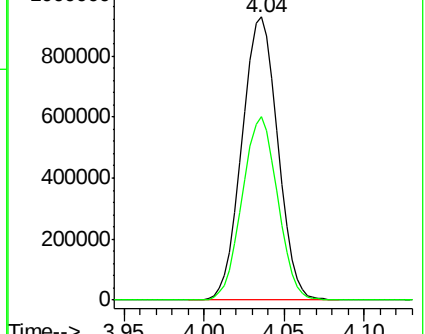
101 100

103 64.8 52.8 79.2



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: 10.112 ppbv

RT: 4.59 min Scan# 1088

Delta R.T. -0.01 min

Lab File: VL032479.D

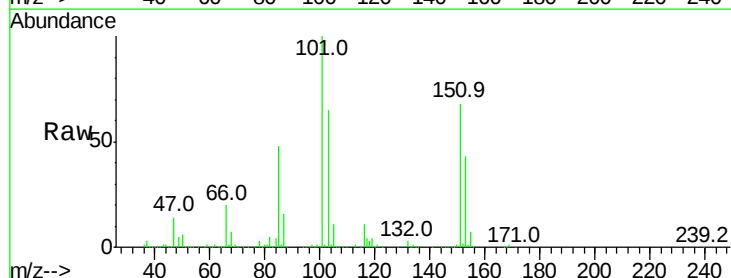
Acq: 6 Sep 2018 9:07

Tgt Ion:101 Resp: 1109827

Ion Ratio Lower Upper

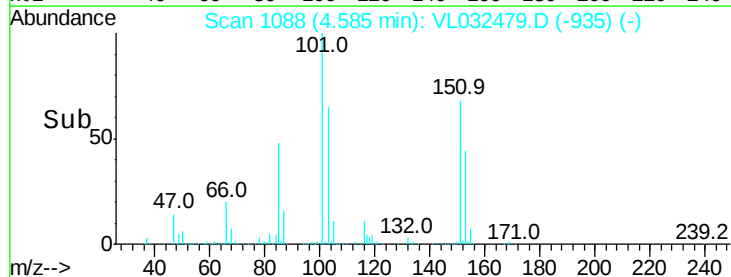
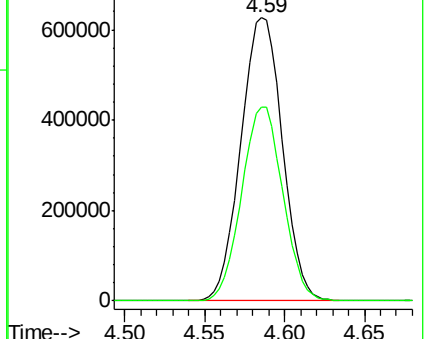
101 100

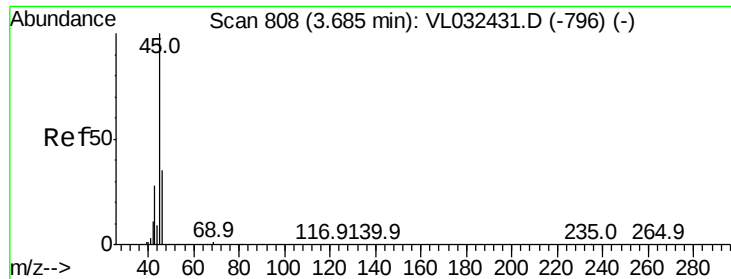
151 68.0 52.6 78.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V





#13

Ethanol

Concen: 9.603 ppbv

RT: 3.68 min Scan# 806

Delta R.T. -0.01 min

Lab File: VL032479.D

Acq: 6 Sep 2018 9:07

Instrument :

MSVOA_L

ClientSampleId :

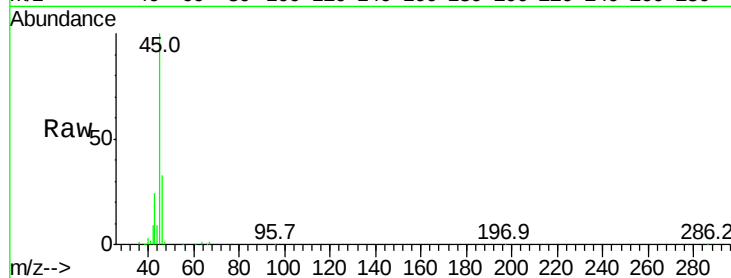
VSTDCCC010EC

Tgt Ion: 45 Resp: 153493

Ion Ratio Lower Upper

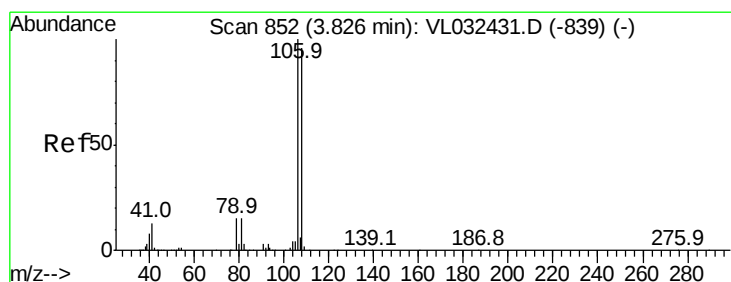
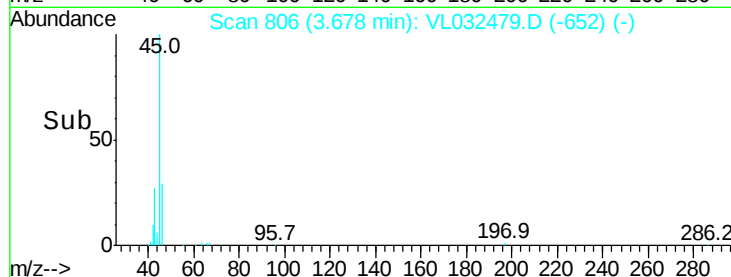
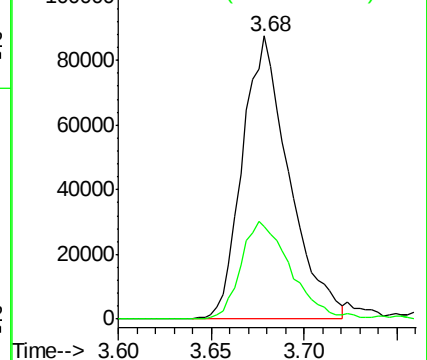
45 100

46 38.4 14.2 56.8



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0



#14

Bromoethene

Concen: 10.028 ppbv

RT: 3.82 min Scan# 849

Delta R.T. -0.01 min

Lab File: VL032479.D

Acq: 6 Sep 2018 9:07

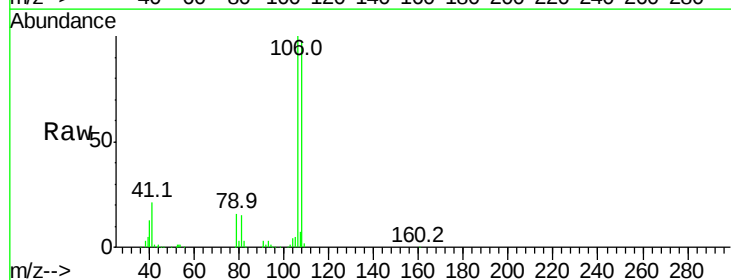
Tgt Ion: 108 Resp: 466304

Ion Ratio Lower Upper

108 100

106 106.9 85.5 128.3

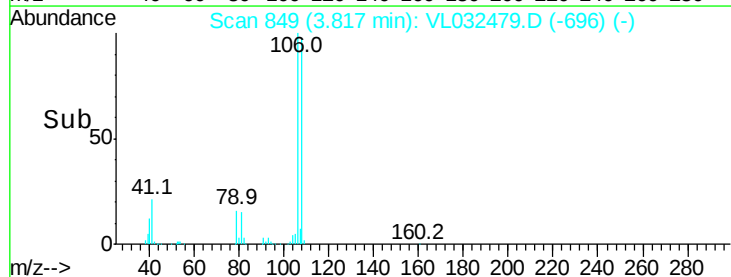
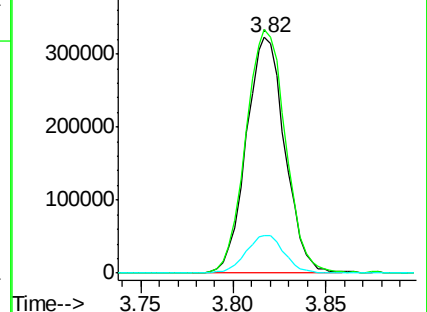
79 16.4 13.0 19.6

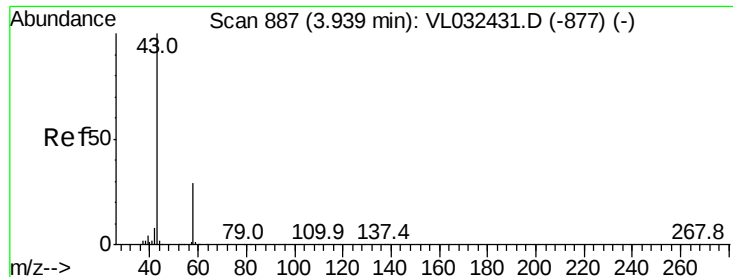


Abundance Ion 108.00 (107.70 to 108.70): V

Ion 106.00 (105.70 to 106.70): V

Ion 79.00 (78.70 to 79.70): VL0

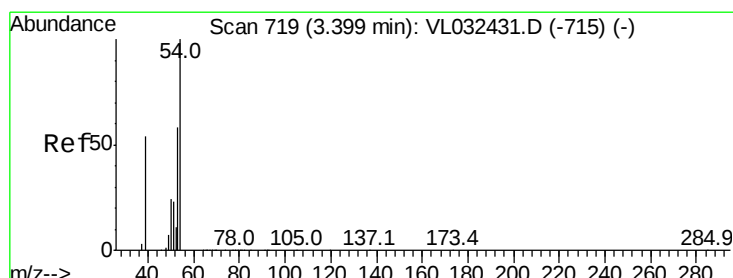
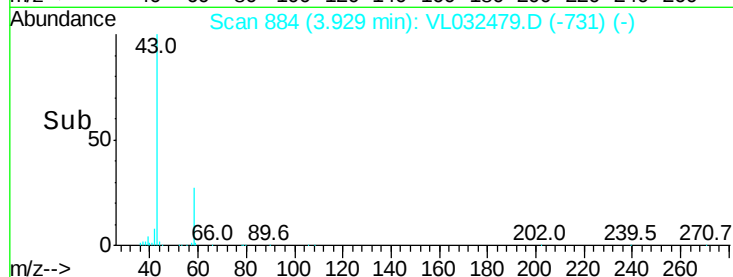
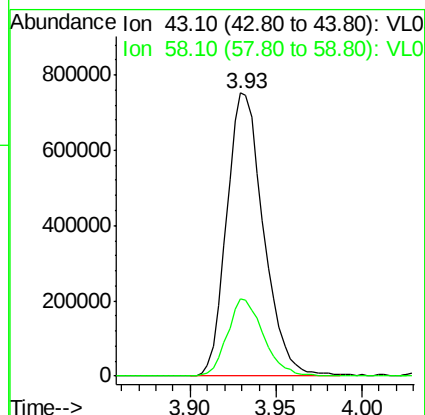
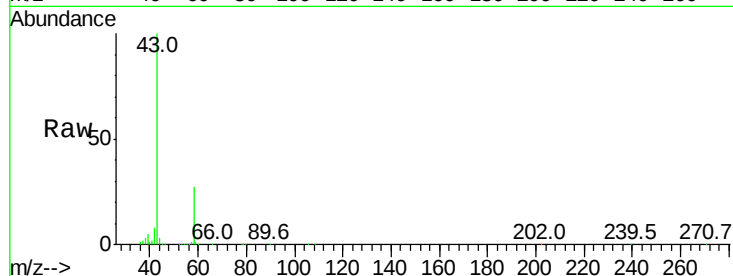




#15
Acetone
Concen: 8.900 ppbv
RT: 3.93 min Scan# 884
Delta R.T. -0.01 min
Lab File: VL032479.D
Acq: 6 Sep 2018 9:07

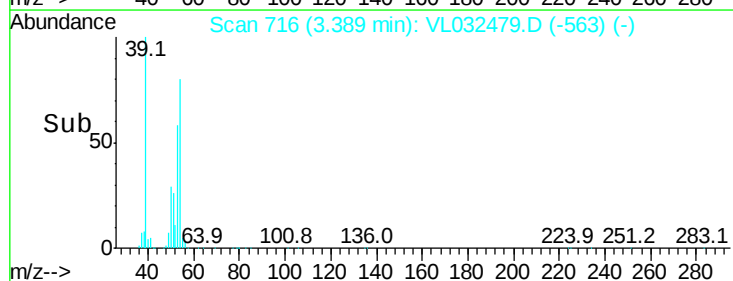
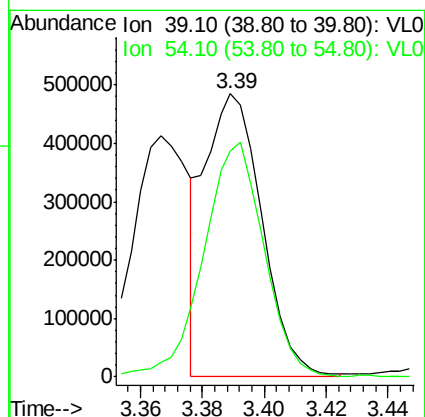
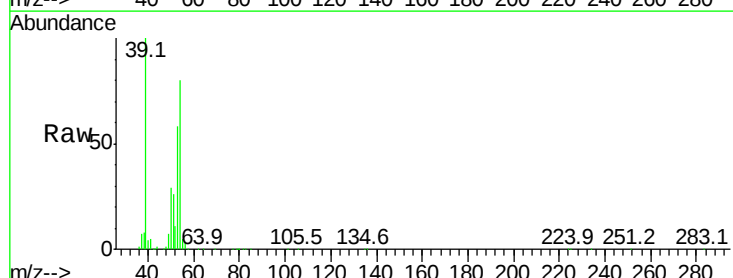
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

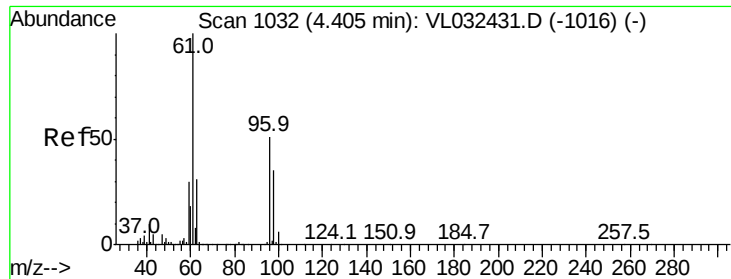
Tgt Ion: 43 Resp: 1125406
Ion Ratio Lower Upper
43 100
58 26.8 22.6 33.8



#16
1,3-Butadiene
Concen: 10.379 ppbv
RT: 3.39 min Scan# 716
Delta R.T. -0.01 min
Lab File: VL032479.D
Acq: 6 Sep 2018 9:07

Tgt Ion: 39 Resp: 617585
Ion Ratio Lower Upper
39 100
54 89.1 80.8 121.2

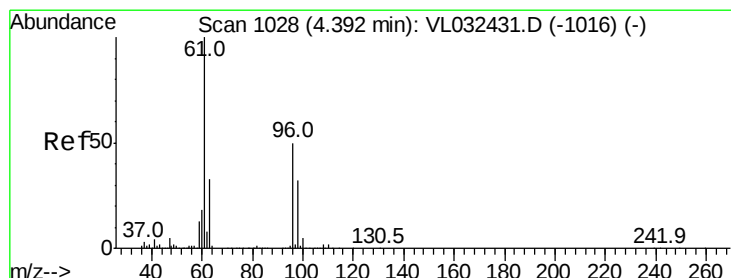
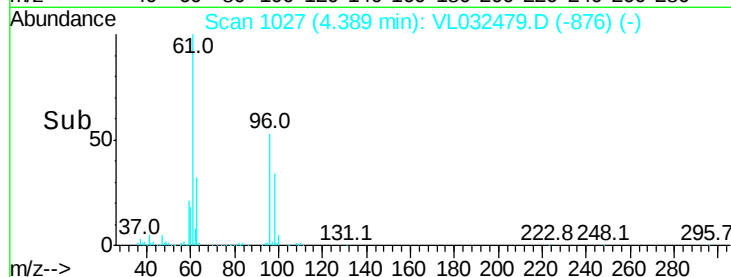
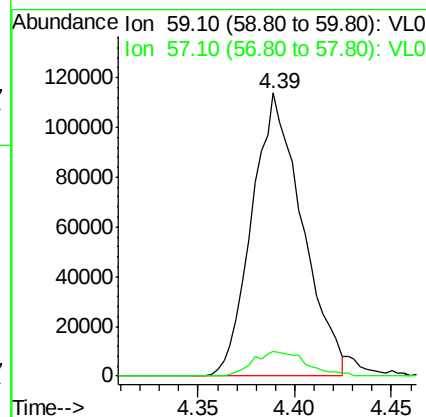
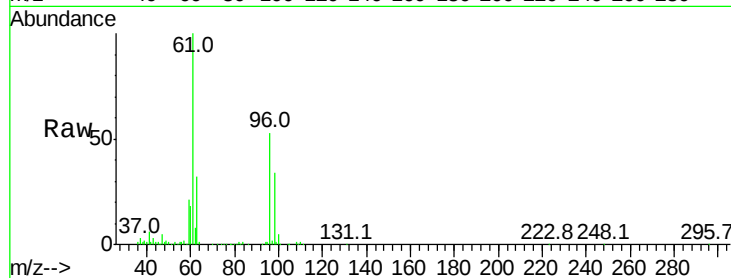




#17
 tert-Butyl alcohol
 Concen: 10.595 ppbv
 RT: 4.39 min Scan# 1027
 Delta R.T. -0.02 min
 Lab File: VL032479.D
 Acq: 6 Sep 2018 9:07

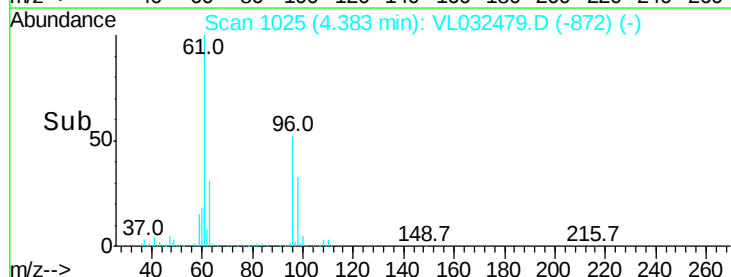
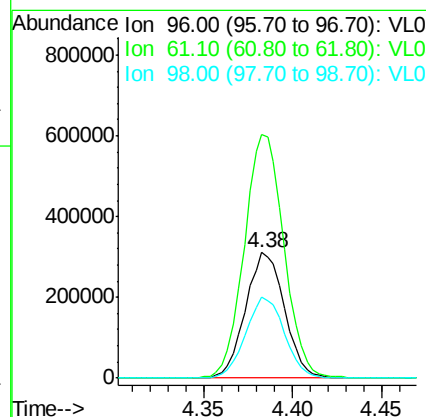
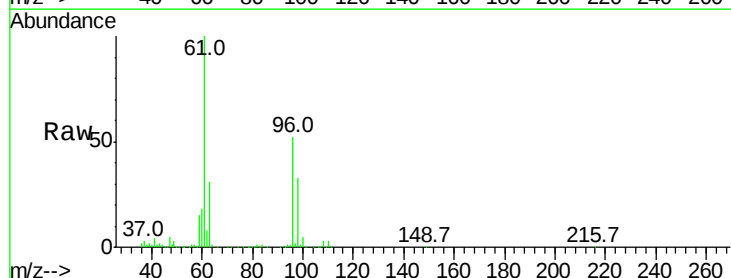
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

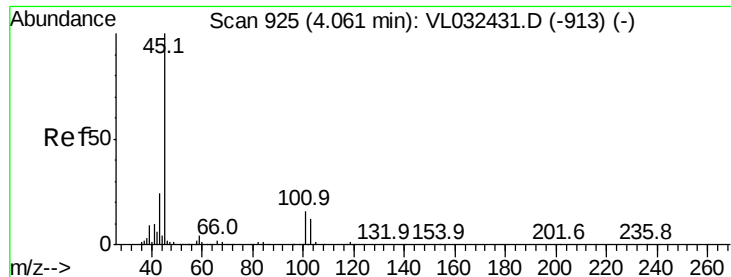
Tgt Ion: 59 Resp: 206183
 Ion Ratio Lower Upper
 59 100
 57 9.5 0.0 0.0#



#18
 1,1-Dichloroethene
 Concen: 9.448 ppbv
 RT: 4.38 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: VL032479.D
 Acq: 6 Sep 2018 9:07

Tgt Ion: 96 Resp: 473895
 Ion Ratio Lower Upper
 96 100
 61 193.6 159.2 238.8
 98 64.0 51.0 76.4





#19

Isopropyl Alcohol

Concen: 11.057 ppbv

RT: 4.05 min Scan# 922

Delta R.T. -0.01 min

Lab File: VL032479.D

Acq: 6 Sep 2018 9:07

Instrument :

MSVOA_L

ClientSampleId :

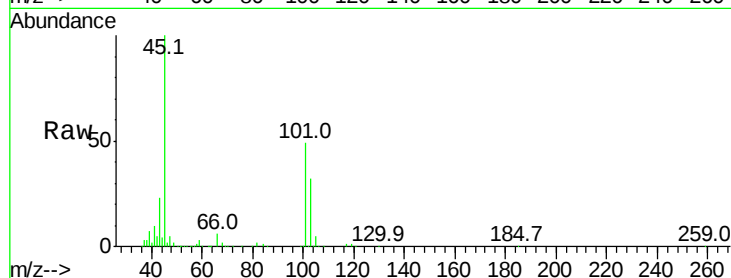
VSTDCCC010EC

Tgt Ion: 45 Resp: 917260

Ion Ratio Lower Upper

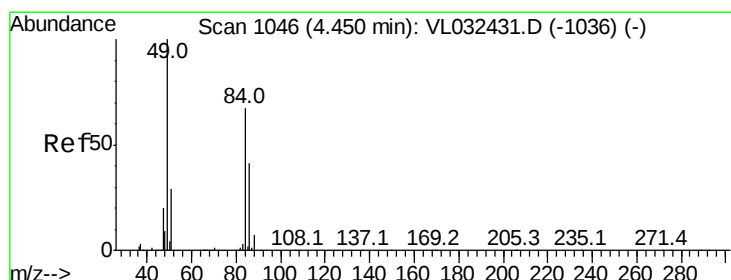
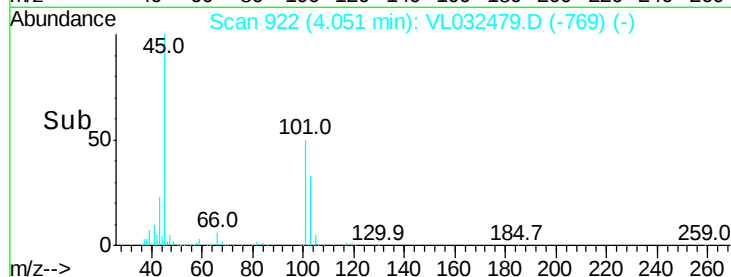
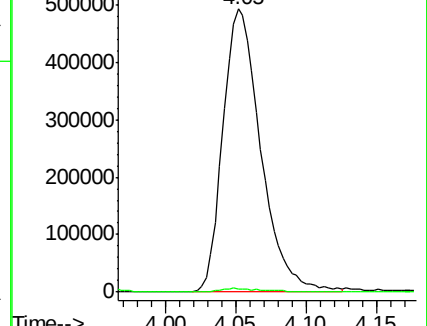
45 100

58 1.9 2.0 3.0#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#20

Methylene Chloride

Concen: 8.328 ppbv

RT: 4.44 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VL032479.D

Acq: 6 Sep 2018 9:07

Tgt Ion: 84 Resp: 401544

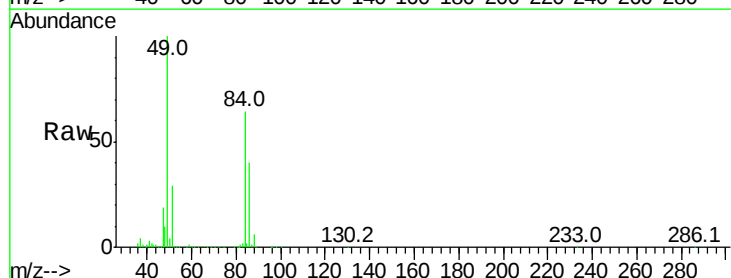
Ion Ratio Lower Upper

84 100

49 156.2 119.1 178.7

51 45.4 35.2 52.8

86 63.2 49.4 74.2

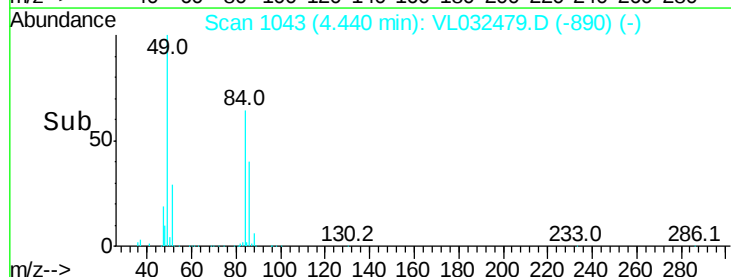
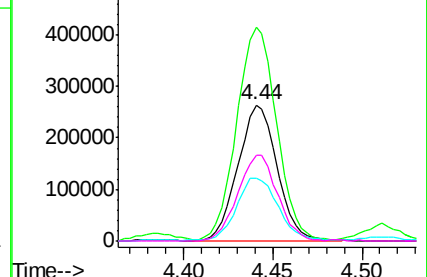


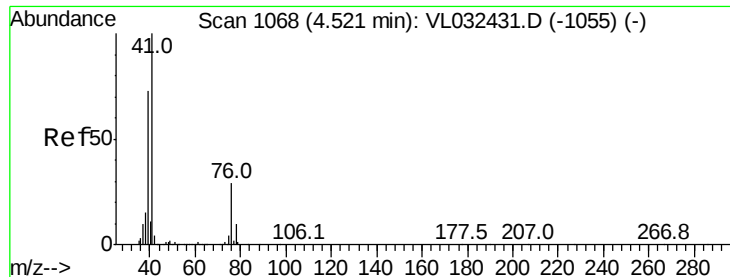
Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0





#21

Allyl Chloride

Concen: 11.025 ppbv

RT: 4.51 min Scan# 1065

Delta R.T. -0.01 min

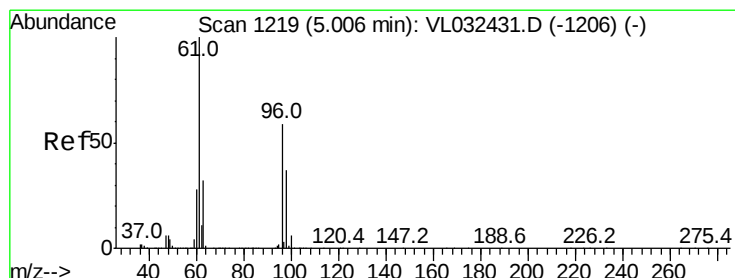
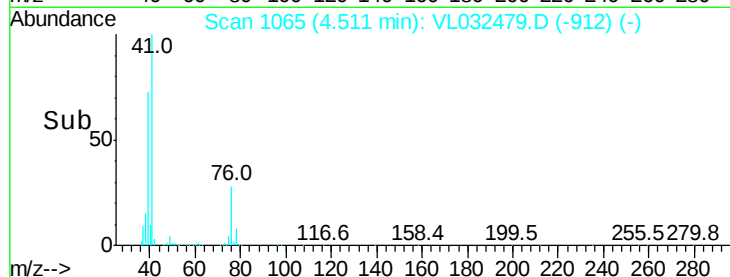
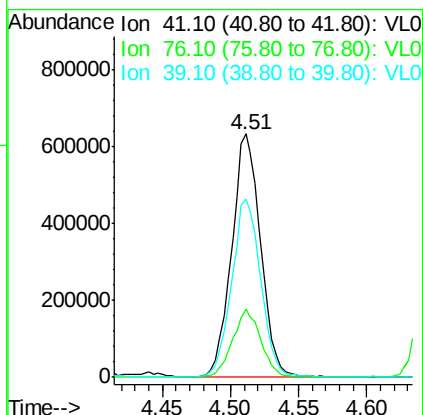
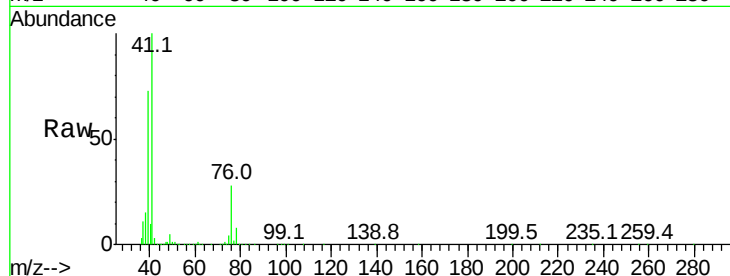
Lab File: VL032479.D

Acq: 6 Sep 2018 9:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 41 Resp: 925949

Ion	Ratio	Lower	Upper
41	100		
76	27.5	23.6	35.4
39	73.8	57.7	86.5



#22

trans-1,2-Dichloroethene

Concen: 8.352 ppbv

RT: 5.00 min Scan# 1217

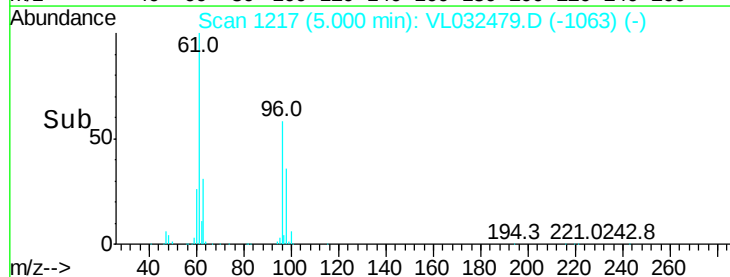
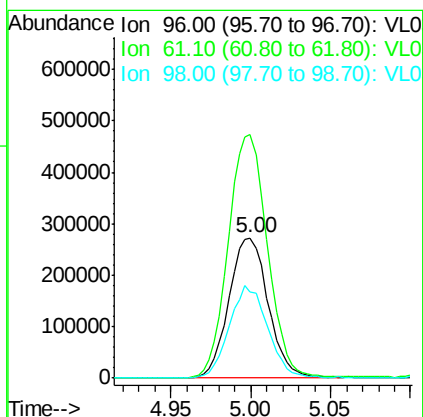
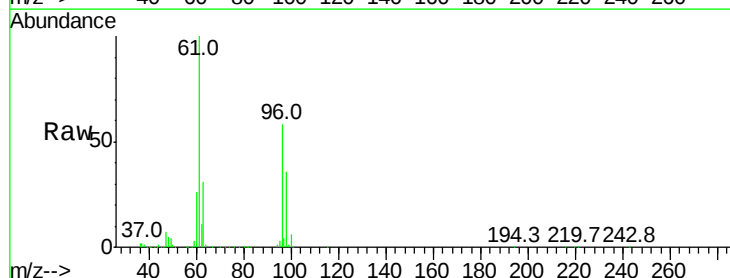
Delta R.T. -0.01 min

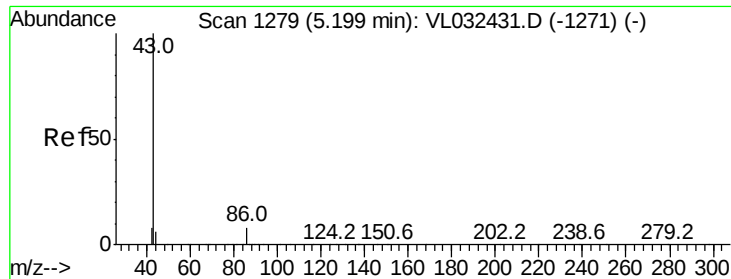
Lab File: VL032479.D

Acq: 6 Sep 2018 9:07

Tgt Ion: 96 Resp: 454567

Ion	Ratio	Lower	Upper
96	100		
61	173.3	136.2	204.4
98	61.5	50.4	75.6





#23

Vinyl Acetate

Concen: 12.243 ppbv

RT: 5.19 min Scan# 1276

Delta R.T. -0.01 min

Lab File: VL032479.D

Acq: 6 Sep 2018 9:07

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 43 Resp: 2566142

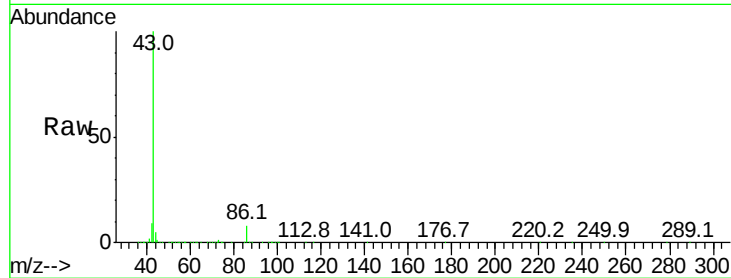
Ion Ratio Lower Upper

43 100

86 7.6 5.9 8.9

42 8.7 6.9 10.3

44 5.1 4.6 7.0

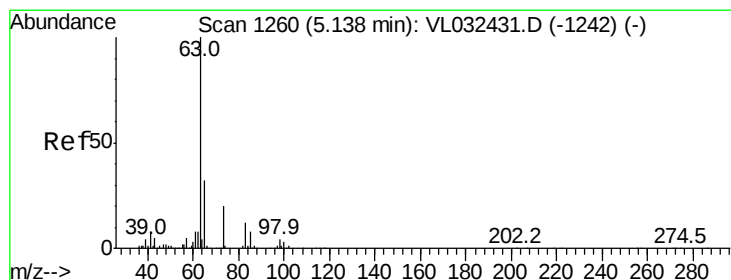
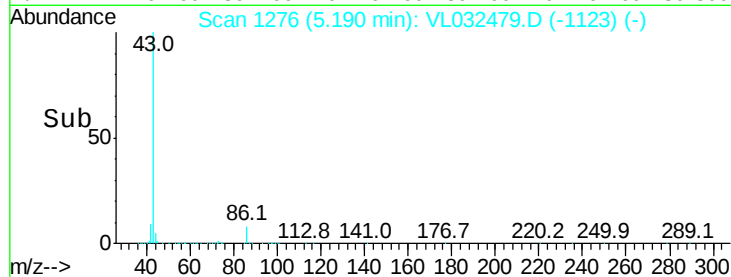
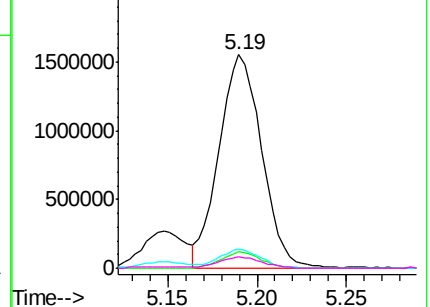


Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 86.10 (85.80 to 86.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

Ion 44.10 (43.80 to 44.80): VL0



#24

1,1-Dichloroethane

Concen: 9.921 ppbv

RT: 5.13 min Scan# 1257

Delta R.T. -0.01 min

Lab File: VL032479.D

Acq: 6 Sep 2018 9:07

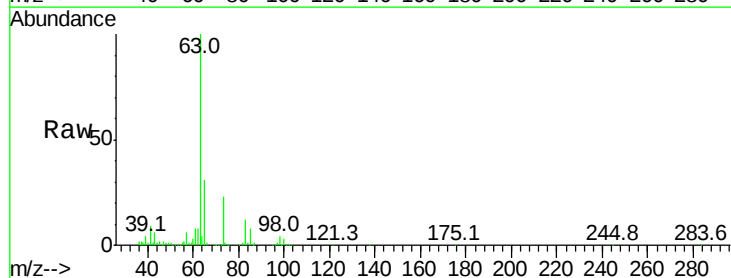
Tgt Ion: 63 Resp: 1713428

Ion Ratio Lower Upper

63 100

98 4.0 2.1 6.5

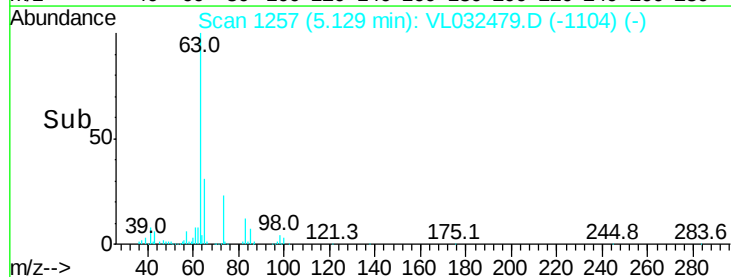
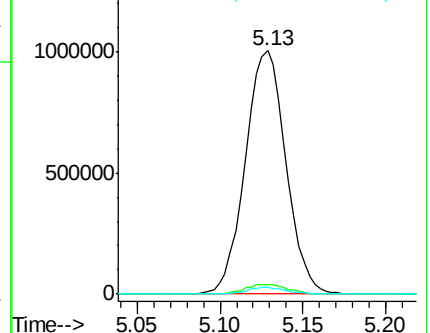
100 2.8 1.5 4.4

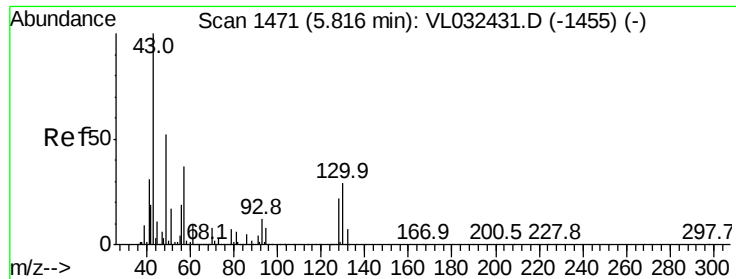


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

Ion 100.00 (99.70 to 100.70): VL0



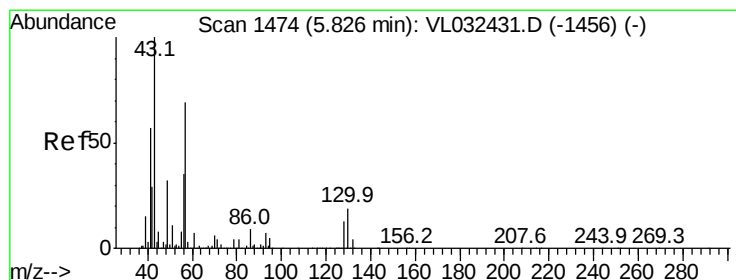
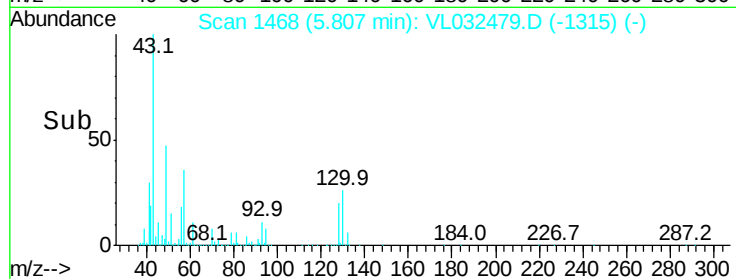
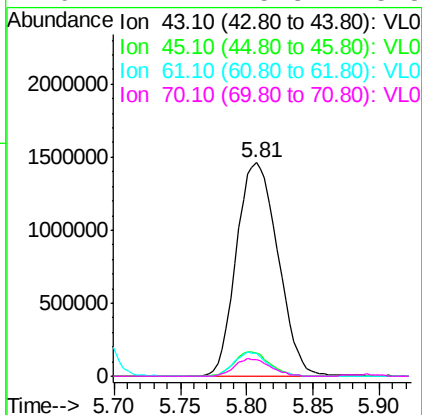
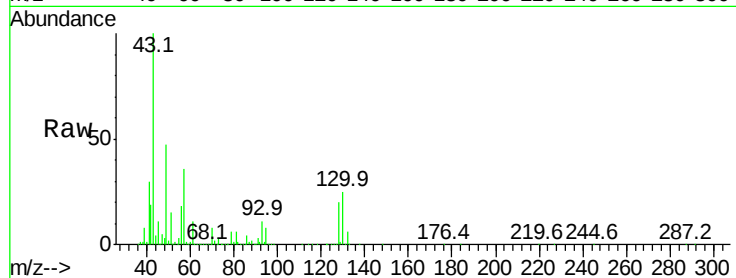


#25
Ethyl Acetate
Concen: 10.686 ppbv
RT: 5.81 min Scan# 1468
Delta R.T. -0.01 min
Lab File: VL032479.D
Acq: 6 Sep 2018 9:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 3191194

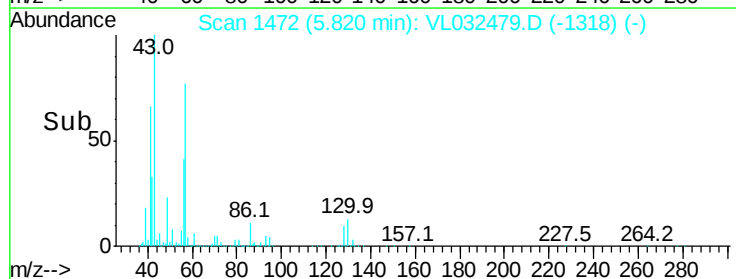
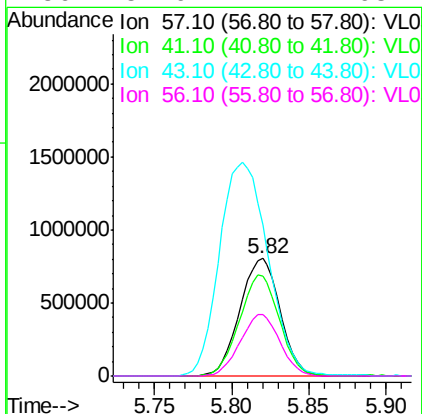
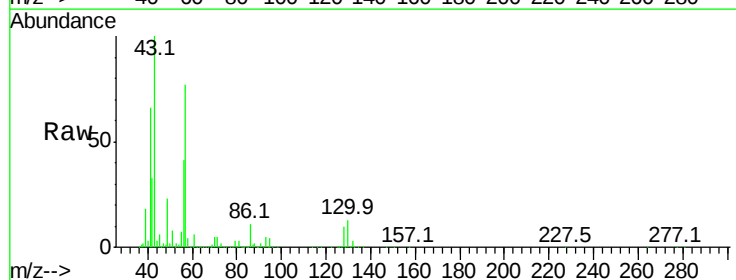
Ion	Ratio	Lower	Upper
43	100		
45	9.8	8.0	12.0
61	9.3	7.6	11.4
70	7.1	5.8	8.8

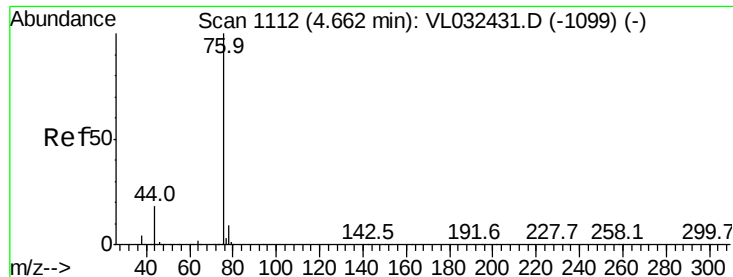


#26
Hexane
Concen: 10.847 ppbv
RT: 5.82 min Scan# 1472
Delta R.T. -0.01 min
Lab File: VL032479.D
Acq: 6 Sep 2018 9:07

Tgt Ion: 57 Resp: 1450395

Ion	Ratio	Lower	Upper
57	100		
41	85.7	69.0	103.4
43	221.1	172.1	258.1
56	51.9	42.2	63.2





#27

Carbon Disulfide

Concen: 10.964 ppbv

RT: 4.65 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VL032479.D

Acq: 6 Sep 2018 9:07

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

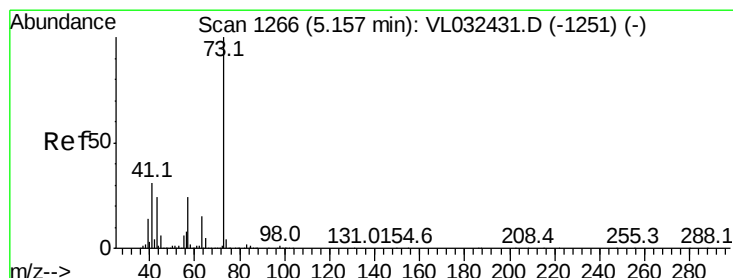
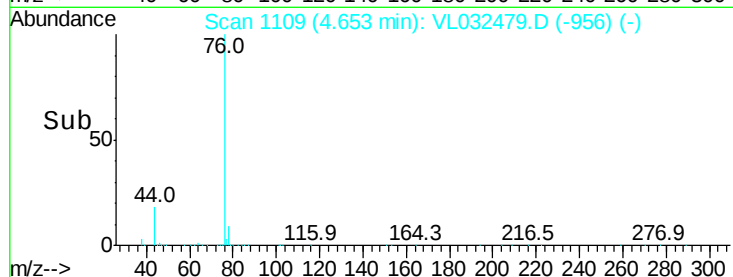
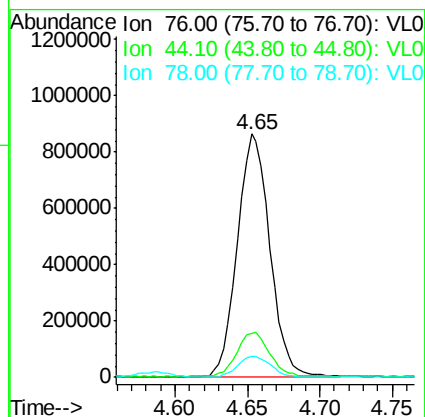
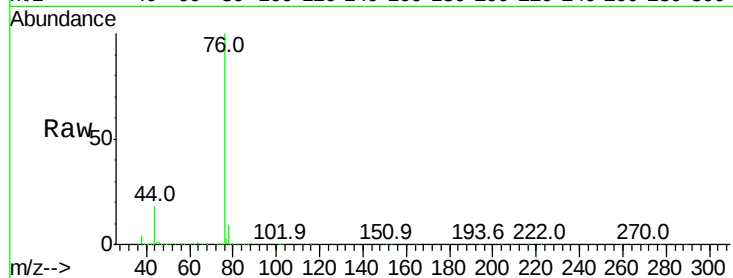
Tgt Ion: 76 Resp: 1353297

Ion	Ratio	Lower	Upper
76	100		
44	18.6	14.0	21.0
78	9.0	7.5	11.3

76 100

44 18.6 14.0 21.0

78 9.0 7.5 11.3



#28

Methyl tert-Butyl Ether

Concen: 12.059 ppbv

RT: 5.15 min Scan# 1263

Delta R.T. -0.01 min

Lab File: VL032479.D

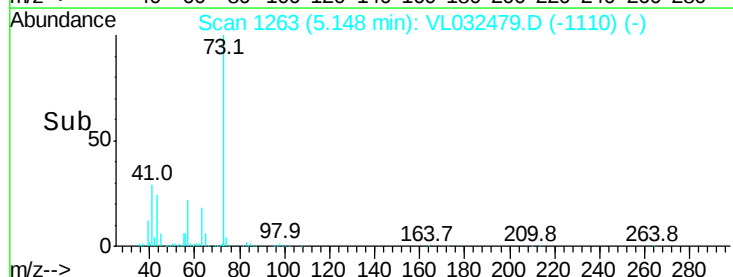
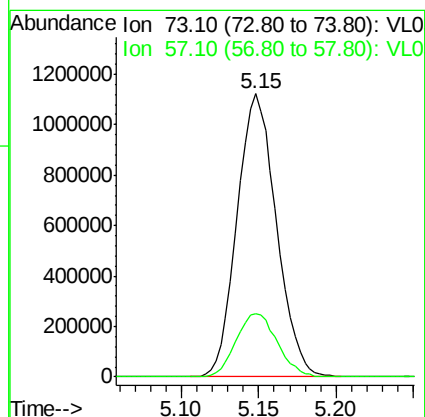
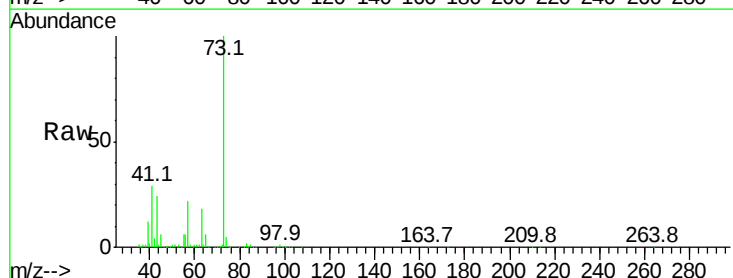
Acq: 6 Sep 2018 9:07

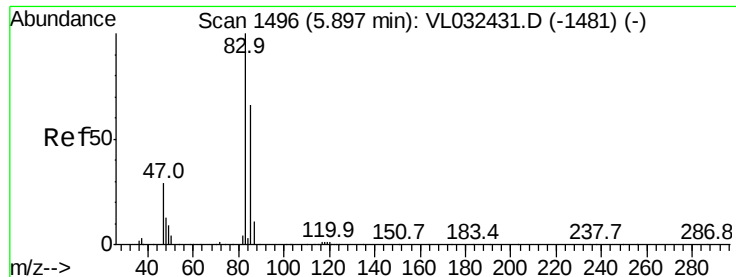
Tgt Ion: 73 Resp: 1979686

Ion	Ratio	Lower	Upper
73	100		
57	23.6	19.3	28.9

73 100

57 23.6 19.3 28.9





#29

Chloroform

Concen: 10.113 ppbv

RT: 5.89 min Scan# 1493

Delta R.T. -0.01 min

Lab File: VL032479.D

Acq: 6 Sep 2018 9:07

Instrument :

MSVOA_L

ClientSampleId :

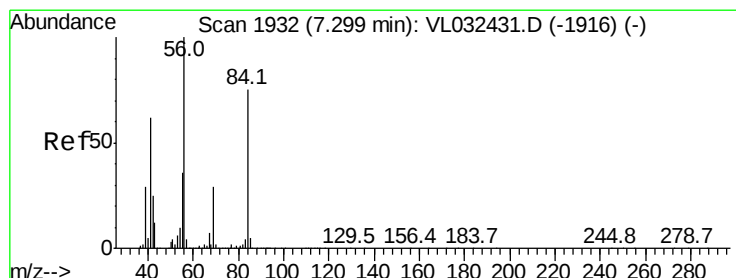
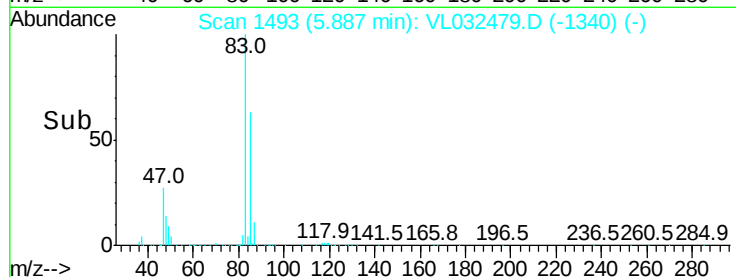
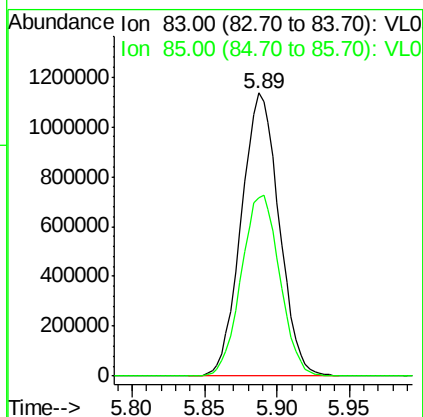
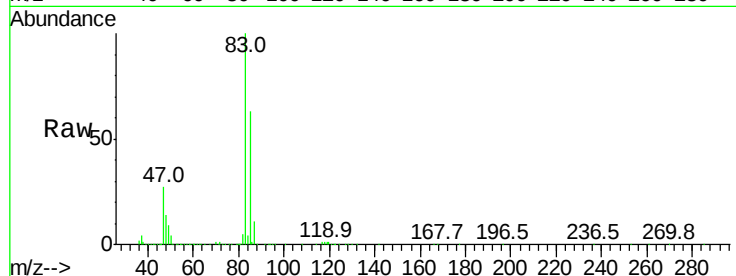
VSTDCCC010EC

Tgt Ion: 83 Resp: 2061752

Ion Ratio Lower Upper

83 100

85 62.9 52.5 78.7



#30

Cyclohexane

Concen: 12.317 ppbv

RT: 7.29 min Scan# 1929

Delta R.T. -0.01 min

Lab File: VL032479.D

Acq: 6 Sep 2018 9:07

Tgt Ion: 84 Resp: 1205978

Ion Ratio Lower Upper

84 100

56 140.6 113.5 170.3

41 85.3 68.1 102.1

