

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL071318\
 Data File : VL032245.D
 Acq On : 13 Jul 2018 12:37
 Operator : SY/AP
 Sample : VSTDICV010
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL071318

Manual Integrations
 APPROVED

apatel
 7/16/2018 8:07:50 AM

Quant Time: Jul 13 15:16:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL071218AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jul 13 2018
 QLast Update : Fri Jul 13 04:25:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.84	49	1589488	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.38	114	3852079	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.34	117	4689435m	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.67	95	3429646	9.45	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.50%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.13	85	1855603	8.109	ppbv	99
3) Chlorodifluoromethane	3.06	51	1700527	8.706	ppbv	100
4) Chloromethane	3.22	50	928351	8.355	ppbv	98
5) Vinyl Chloride	3.34	62	966472	8.829	ppbv	100
6) Bromomethane	3.57	94	537058	8.812	ppbv	99
7) Chloroethane	3.66	64	341472	9.058	ppbv	98
8) Dichlorotetrafluoroethane	3.27	85	1904120	7.576	ppbv	99
9) Propene	3.09	41	730335	8.771	ppbv	100
10) Heptane	8.34	43	2335822	9.878	ppbv	99
11) Trichlorofluoromethane	4.07	101	2008623	9.175	ppbv	98
12) 1,1,2-Trichlorotrifluoroet	4.62	101	1263717	9.037	ppbv	99
13) Ethanol	3.71	45	186781	7.772	ppbv	97
14) Bromoethene	3.85	108	610948	9.262	ppbv	100
15) Acetone	3.96	43	1563496	8.477	ppbv	100
16) 1,3-Butadiene	3.42	39	797063	8.552	ppbv	93
17) tert-Butyl alcohol	4.42	59	756583	8.785	ppbv	99
18) 1,1-Dichloroethene	4.42	96	614694	9.446	ppbv	95
19) Isopropyl Alcohol	4.09	45	1273348	10.514	ppbv	100
20) Methylene Chloride	4.48	84	564192	9.026	ppbv	99
21) Allyl Chloride	4.55	41	1089771	10.092	ppbv	100
22) trans-1,2-Dichloroethene	5.04	96	660360	10.661	ppbv	95
23) Vinyl Acetate	5.23	43	3124921	10.187	ppbv	99
24) 1,1-Dichloroethane	5.17	63	2125893	9.870	ppbv	99
25) Ethyl Acetate	5.85	43	3499230	9.587	ppbv	100
26) Hexane	5.86	57	1601410	9.618	ppbv	99
27) Carbon Disulfide	4.69	76	1525181	10.238	ppbv	100
28) Methyl tert-Butyl Ether	5.19	73	2718955	10.375	ppbv	99
29) Chloroform	5.93	83	2397243	9.326	ppbv	98
30) Cyclohexane	7.33	84	1491653	10.152	ppbv	99
31) cis-1,2-Dichloroethene	5.72	61	1671423	10.059	ppbv	97
32) 1,1,1-Trichloroethane	6.70	97	2611398	10.470	ppbv	100
34) 2-Butanone	5.40	43	2516224	9.587	ppbv	100
35) Carbon Tetrachloride	7.22	117	2554825	9.800	ppbv	99
36) Benzene	7.09	78	3718518	9.713	ppbv	99
37) 1,2-Dichloroethane	6.50	62	2122074	10.125	ppbv	100
38) Trichloroethene	8.05	130	1106917	8.430	ppbv	99
39) 1,2-Dichloropropane	7.83	63	1431513	9.409	ppbv	99
40) 1,4-Dioxane	8.04	88	450459	8.635	ppbv #	95
41) Tetrahydrofuran	6.23	42	1564405	10.651	ppbv	99
42) Bromodichloromethane	8.01	83	2797852	9.375	ppbv	97
43) Methyl Methacrylate	8.23	69	1431677	9.678	ppbv	99

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Quant Time: Jul 13 15:16:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL071218AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jul 13 2018
 QLast Update : Fri Jul 13 04:25:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	8.08	57	5788763	8.792	ppbv	99
45) t-1,3-Dichloropropene	9.51	75	1996605	11.332	ppbv	100
46) cis-1,3-Dichloropropene	8.93	75	2571560	10.701	ppbv	100
47) 1,1,2-Trichloroethane	9.71	97	1571623	9.249	ppbv	97
48) Dibromochloromethane	10.55	129	2435513	9.634	ppbv	100
49) Bromoform	13.30	173	2033920	10.036	ppbv	100
50) 4-Methyl-2-Pentanone	8.96	43	4416866	9.728	ppbv	100
51) 2-Hexanone	10.37	43	3551950	9.367	ppbv	100
52) Tetrachloroethene	11.47	164	1212239	8.570	ppbv	97
53) Toluene	10.04	91	4488233	9.916	ppbv	99
54) 1,2-Dibromoethane	10.86	107	2444831	9.746	ppbv	96
56) 1,1,1,2-Tetrachloroethane	12.38	131	1726060	8.473	ppbv	99
57) Chlorobenzene	12.40	112	3246948	8.192	ppbv	98
58) Ethyl Benzene	12.96	91	6118828	8.961	ppbv	98
59) m/p-Xylene	13.25	91	9746187m	17.347	ppbv	
60) o-Xylene	13.95	91	4733673	8.538	ppbv	100
61) Styrene	13.78	104	3894102	9.374	ppbv	99
62) Isopropylbenzene	14.93	105	6659389	8.567	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.94	83	3511094	7.785	ppbv	100
64) n-propylbenzene	15.82	120	1703906	8.658	ppbv	96
65) tert-Butylbenzene	17.01	119	5430265	8.339	ppbv	99
66) Benzyl Chloride	17.26	91	3704311	11.240	ppbv	99
67) sec-Butylbenzene	17.56	105	8190208	8.608	ppbv	99
69) p-Isopropyltoluene	17.91	119	6537953	8.825	ppbv	100
70) n-Butylbenzene	18.81	91	7344560	8.974	ppbv	99
71) 2-Chlorotoluene	15.72	91	5351931	8.748	ppbv	99
72) 4-Ethyltoluene	16.10	105	5675601	9.123	ppbv	99
73) 1,3,5-Trimethylbenzene	16.26	105	5367201	9.279	ppbv	98
74) 1,2,4-Trimethylbenzene	17.02	105	5222286	8.829	ppbv	99
75) 1,3-Dichlorobenzene	17.27	146	2875632	8.150	ppbv	99
76) 1,4-Dichlorobenzene	17.41	146	2947787	8.530	ppbv	99
77) 1,2-Dichlorobenzene	18.09	146	2885652	8.229	ppbv	100
78) Hexachloro-1,3-Butadiene	23.64	225	1700495	15.559	ppbv	100
79) Naphthalene	22.52	128	5062794	12.750	ppbv	98
80) Naphthalene,2-methyl-	25.19	142	2347903	18.508	ppbv	99
81) 1,2,4-Trichlorobenzene	22.25	180	2300192	11.576	ppbv	99

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

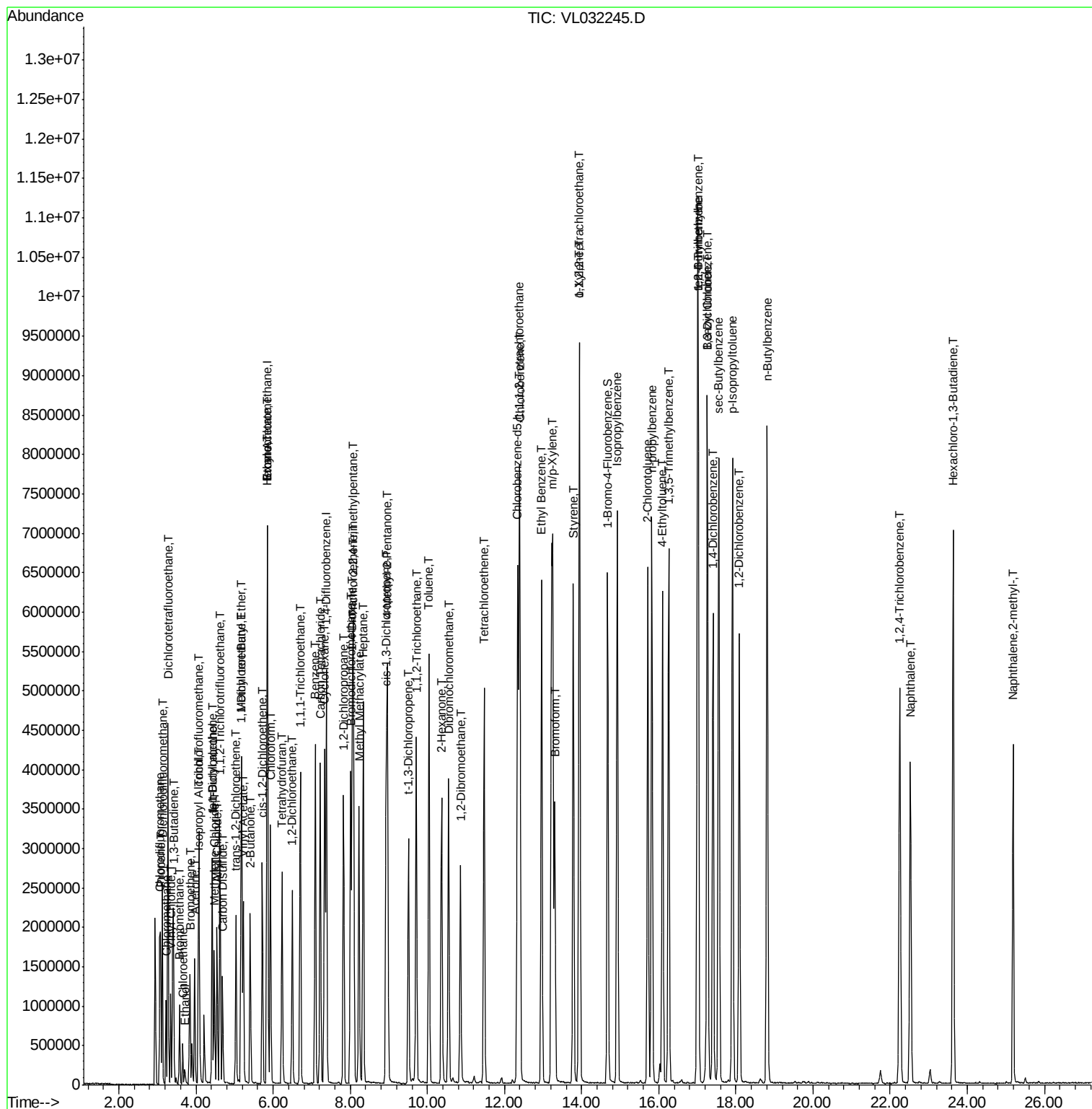
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Data Path : Z:\V0ASRV\HPCHEM1\MSV0A_L\DATA\VL071318\  
Data File : VL032245.D  
Acq On    : 13 Jul 2018   12:37  
Operator  : SY/AP  
Sample    : VSTDICV010  
Misc      : 400ml/MSV0A_L  
ALS Vial  : 1    Sample Multiplier: 1
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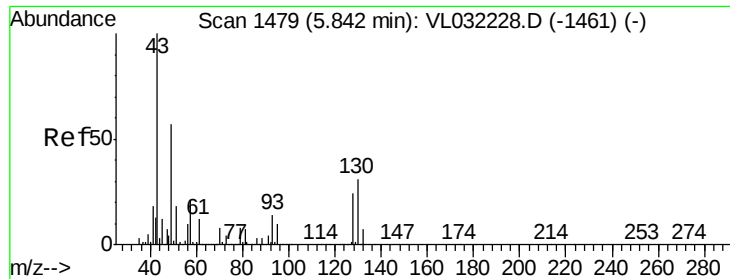
Instrument :
MSVOA_L
ClientSampleId :
ICVVL071318

Manual Integrations APPROVED

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Quant Time: Jul 13 15:16:47 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL071218AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Jul
QLast Update : Fri Jul 13 04:25:14 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.84 min Scan# 1479

Delta R.T. -0.00 min

Lab File: VL032245.D

Acq: 13 Jul 2018 12:37

Instrument :

MSVOA_L

ClientSampleId :

ICVVL071318

Tgt Ion: 49 Resp: 1589488

Ion Ratio Lower Upper

49 100

128 41.4 20.9 62.8

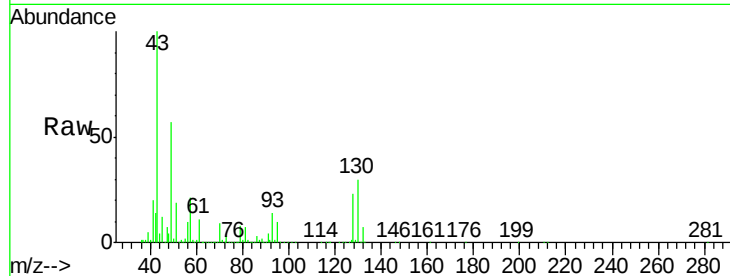
130 52.6 27.0 81.0

Manual Integrations

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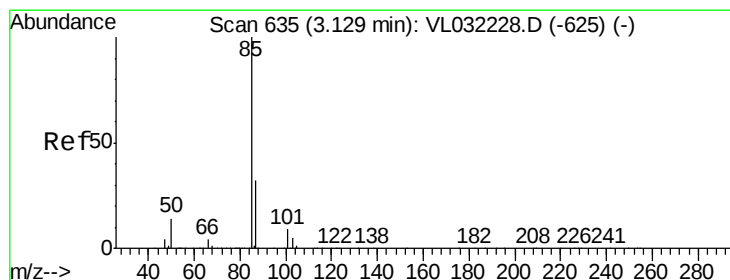
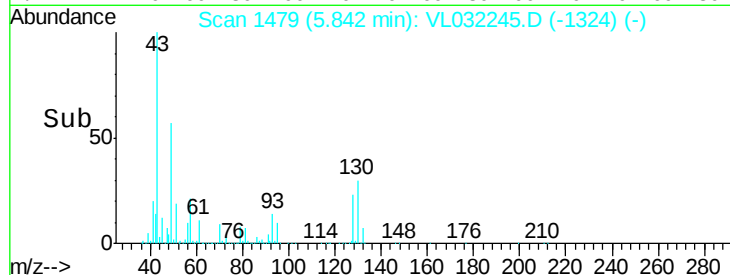
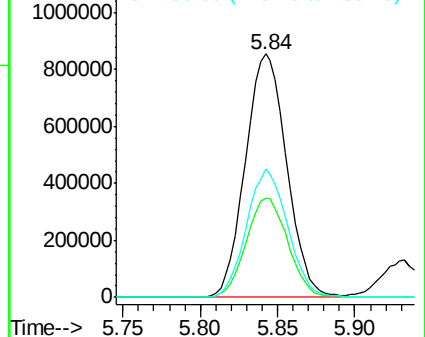
7/16/2018 8:07:50 AM



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#2

Dichlorodifluoromethane

Concen: 8.109 ppbv

RT: 3.13 min Scan# 635

Delta R.T. -0.00 min

Lab File: VL032245.D

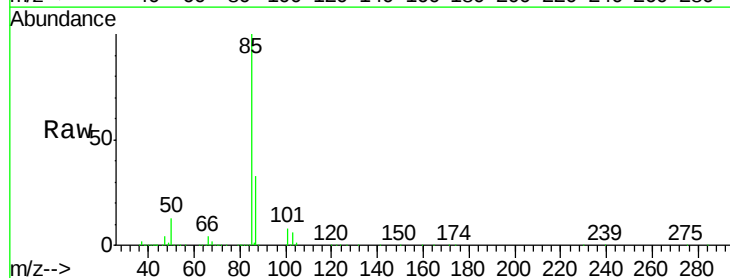
Acq: 13 Jul 2018 12:37

Tgt Ion: 85 Resp: 1855603

Ion Ratio Lower Upper

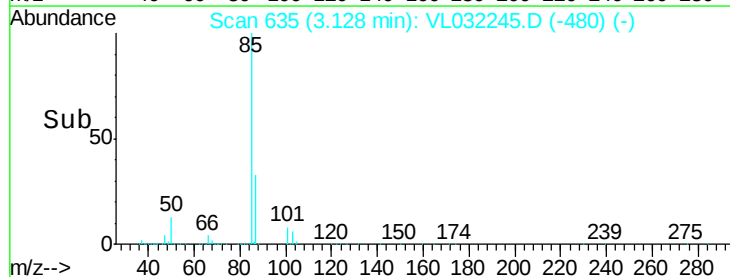
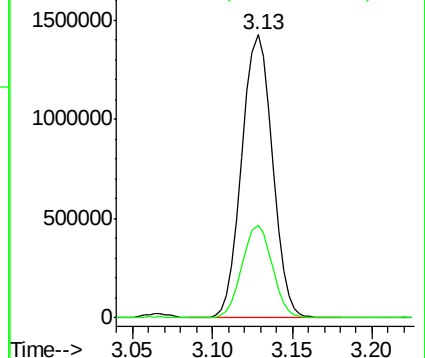
85 100

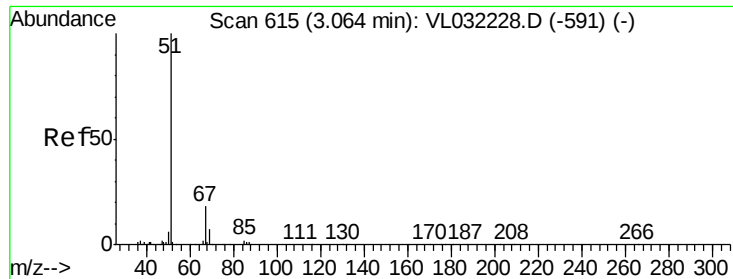
87 32.7 25.8 38.6



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 8.706 ppbv

RT: 3.06 min Scan# 615

Delta R.T. -0.00 min

Lab File: VL032245.D

Acq: 13 Jul 2018 12:37

Instrument :

MSVOA_L

ClientSampleId :

ICVVL071318

Tgt Ion: 51 Resp: 1700527

Ion Ratio Lower Upper

51 100

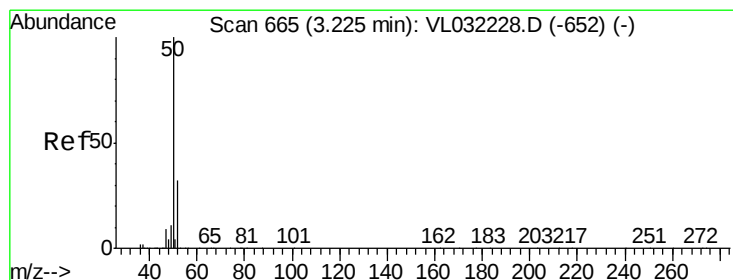
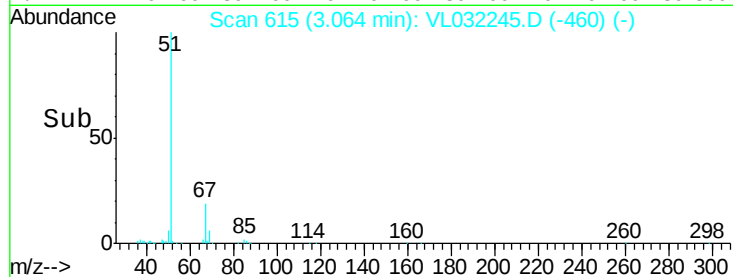
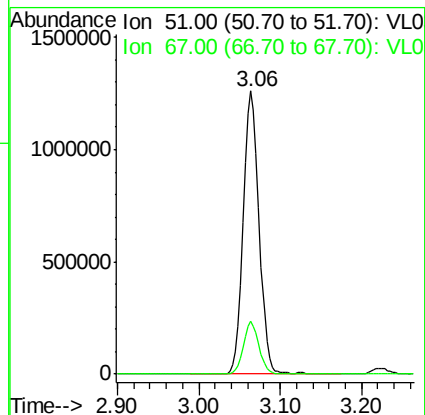
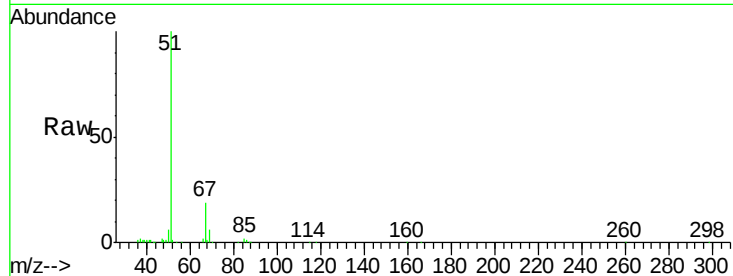
67 18.3 14.6 22.0

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#4

Chloromethane

Concen: 8.355 ppbv

RT: 3.22 min Scan# 665

Delta R.T. -0.00 min

Lab File: VL032245.D

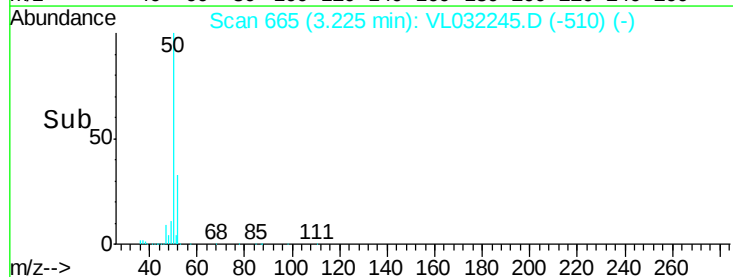
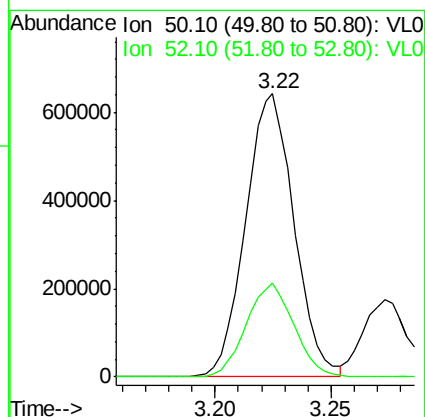
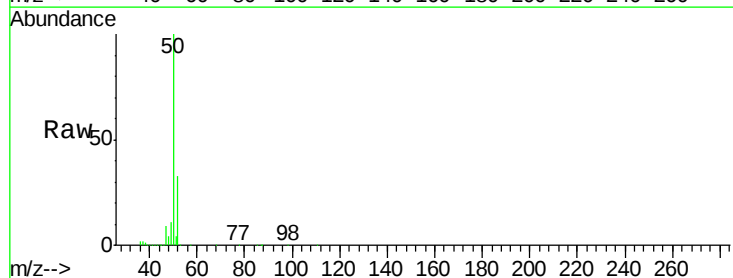
Acq: 13 Jul 2018 12:37

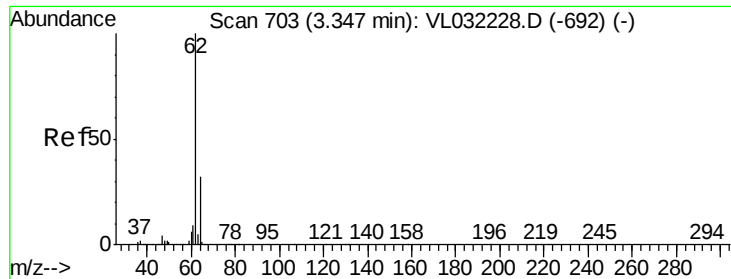
Tgt Ion: 50 Resp: 928351

Ion Ratio Lower Upper

50 100

52 33.2 25.7 38.5





#5

Vinyl Chloride

Concen: 8.829 ppbv

RT: 3.34 min Scan# 702

Delta R.T. -0.00 min

Lab File: VL032245.D

Acq: 13 Jul 2018 12:37

Instrument :

MSVOA_L

ClientSampleId :

ICVVL071318

Tgt Ion: 62 Resp: 966472

Ion Ratio Lower Upper

62 100

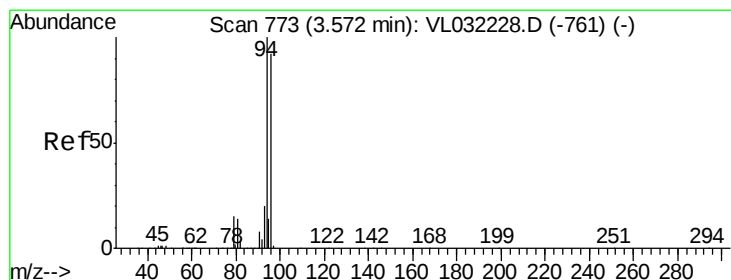
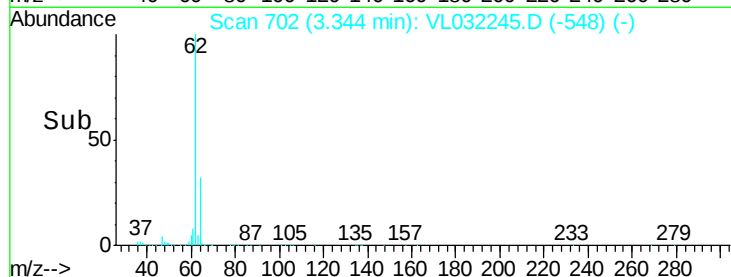
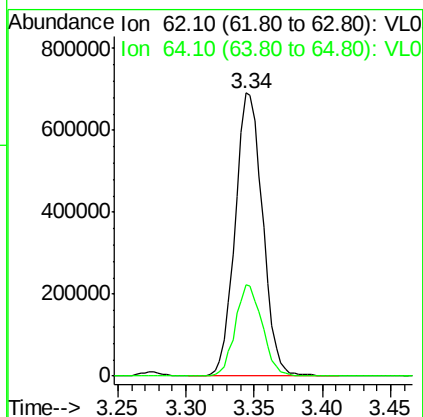
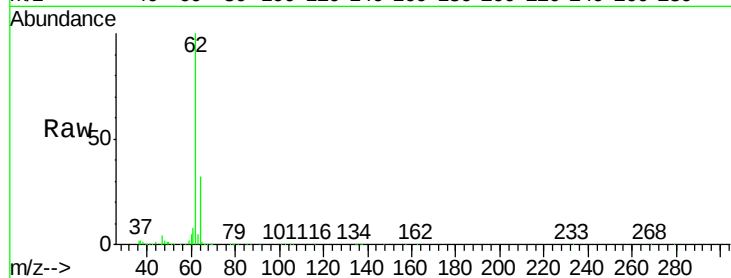
64 32.2 25.8 38.6

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#6

Bromomethane

Concen: 8.812 ppbv

RT: 3.57 min Scan# 773

Delta R.T. -0.00 min

Lab File: VL032245.D

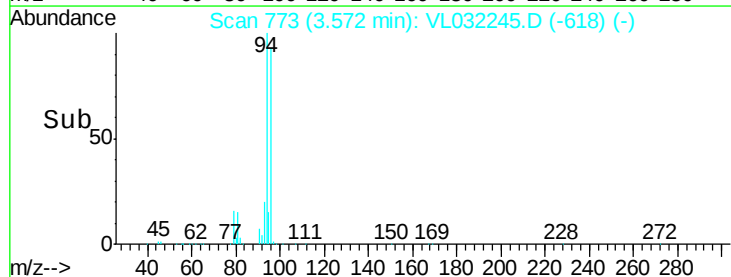
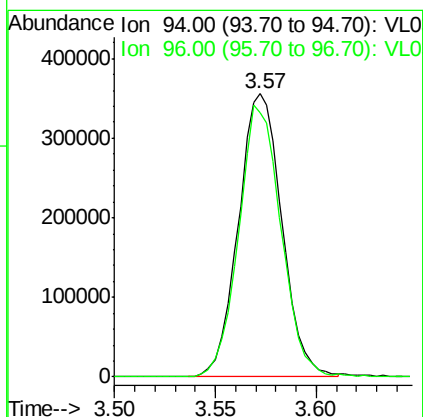
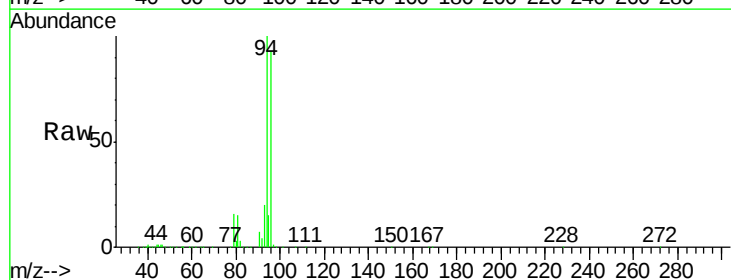
Acq: 13 Jul 2018 12:37

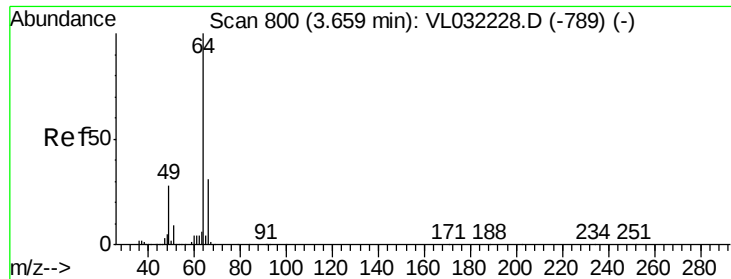
Tgt Ion: 94 Resp: 537058

Ion Ratio Lower Upper

94 100

96 93.3 73.5 110.3





#7

Chloroethane

Concen: 9.058 ppbv

RT: 3.66 min Scan# 800

Delta R.T. -0.00 min

Lab File: VL032245.D

Acq: 13 Jul 2018 12:37

Instrument :

MSVOA_L

ClientSampleId :

ICVVL071318

Tgt Ion: 64 Resp: 341472

Ion Ratio Lower Upper

64 100

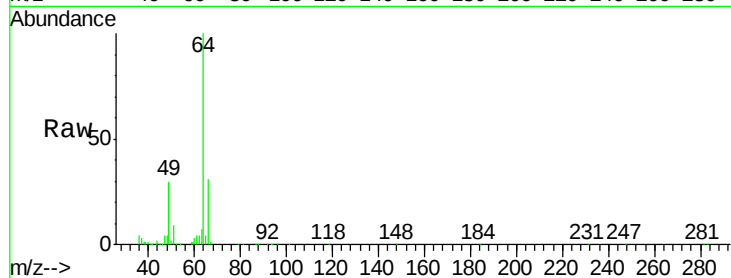
66 31.4 24.4 36.6

Manual Integrations

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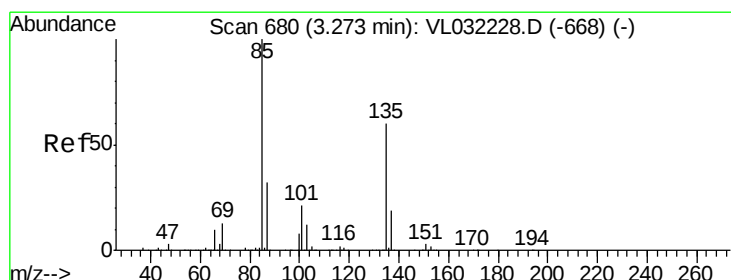
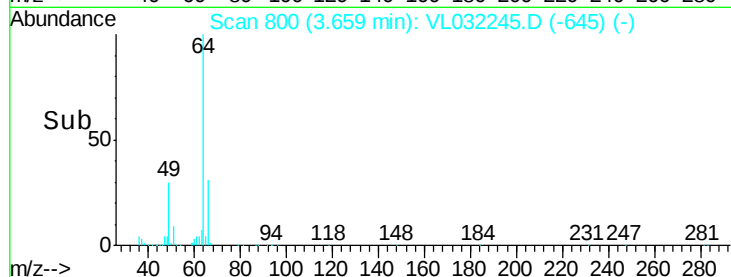
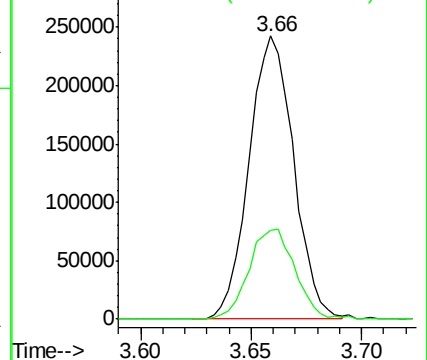
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Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0



#8

Dichlorotetrafluoroethane

Concen: 7.576 ppbv

RT: 3.27 min Scan# 680

Delta R.T. -0.00 min

Lab File: VL032245.D

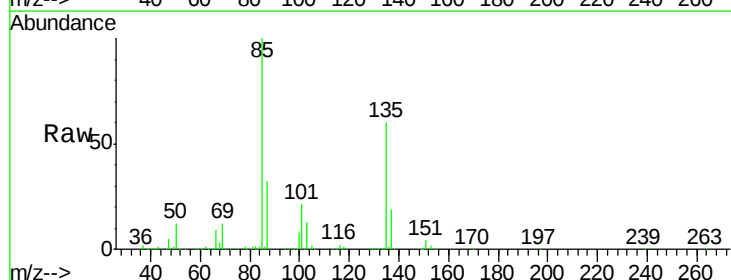
Acq: 13 Jul 2018 12:37

Tgt Ion: 85 Resp: 1904120

Ion Ratio Lower Upper

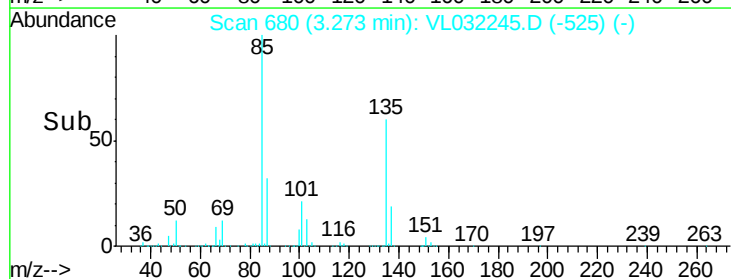
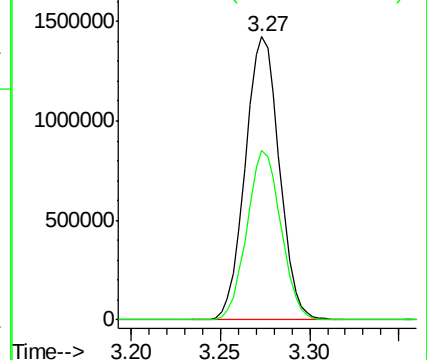
85 100

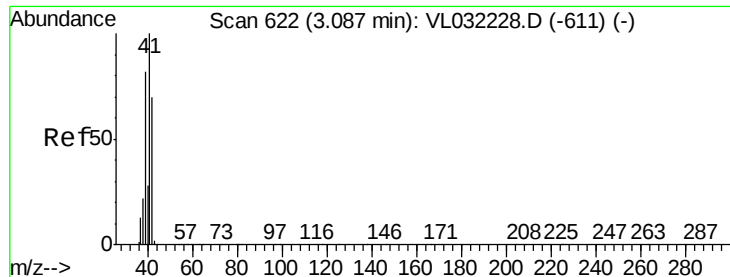
135 59.9 48.6 72.8



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V





#9

Propene

Concen: 8.771 ppbv

RT: 3.09 min Scan# 622

Delta R.T. -0.00 min

Lab File: VL032245.D

Acq: 13 Jul 2018 12:37

Instrument :

MSVOA_L

ClientSampleId :

ICVVL071318

Tgt Ion: 41 Resp: 730335

Ion Ratio Lower Upper

41 100

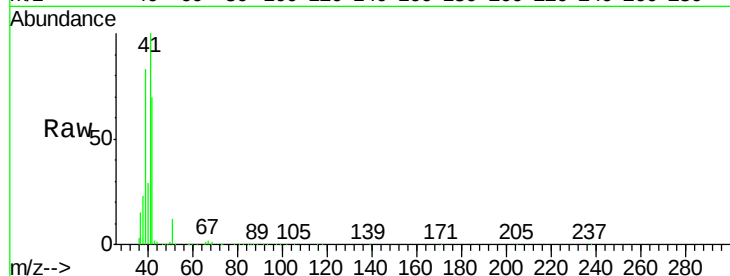
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Manual Integrations

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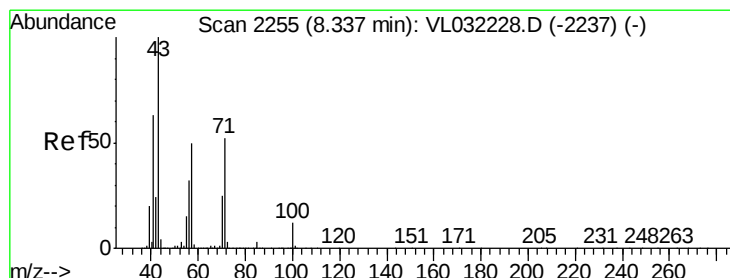
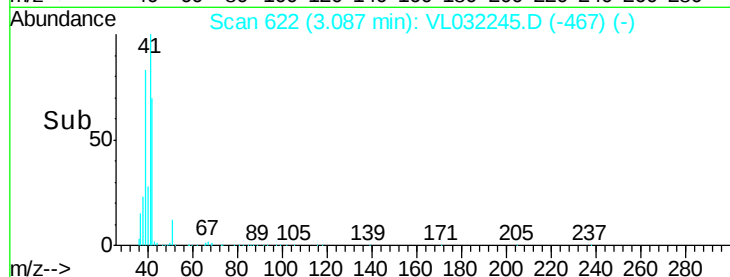
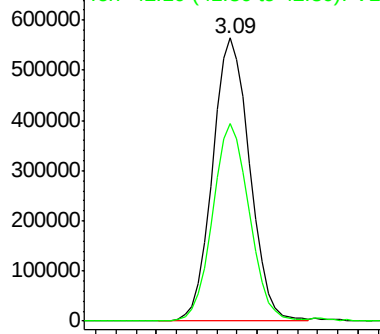
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Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0



#10

Heptane

Concen: 9.878 ppbv

RT: 8.34 min Scan# 2255

Delta R.T. -0.00 min

Lab File: VL032245.D

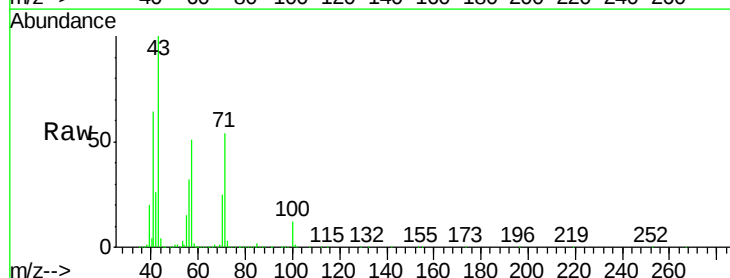
Acq: 13 Jul 2018 12:37

Tgt Ion: 43 Resp: 2335822

Ion Ratio Lower Upper

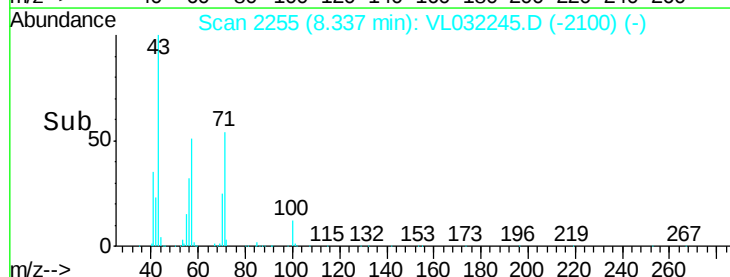
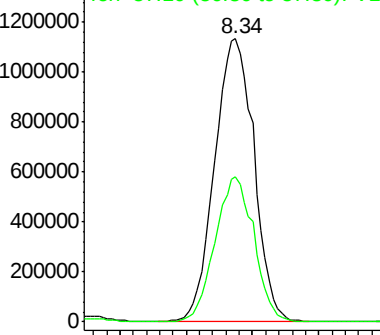
43 100

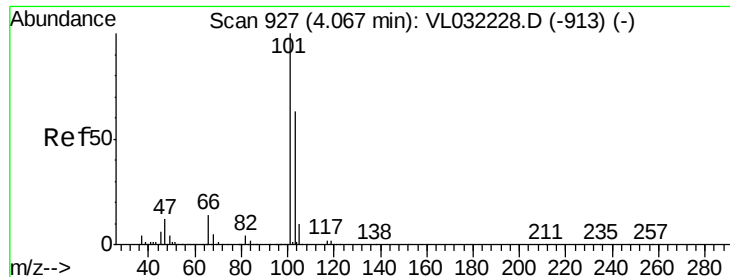
57 50.5 40.7 61.1



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0





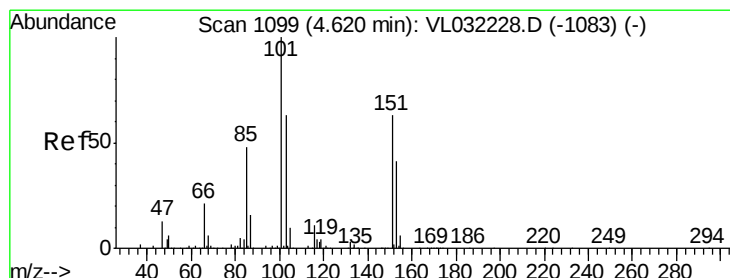
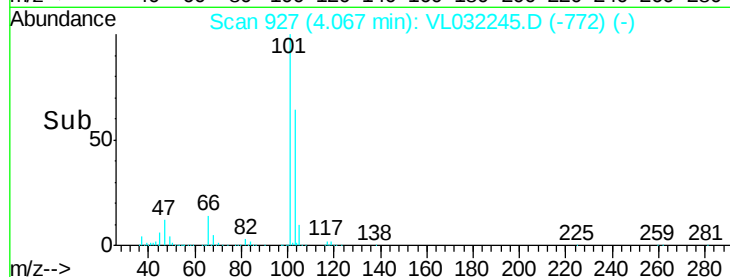
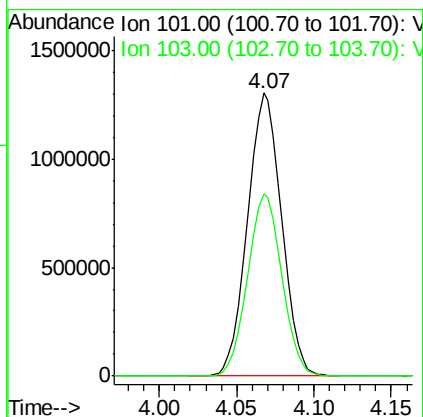
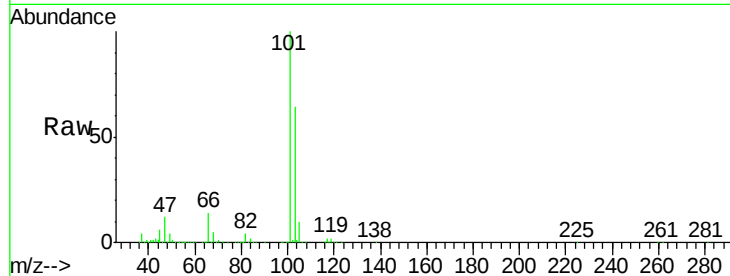
#11
 Trichlorofluoromethane
 Concen: 9.175 ppbv
 RT: 4.07 min Scan# 927
 Delta R.T. -0.00 min
 Lab File: VL032245.D
 Acq: 13 Jul 2018 12:37

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL071318

Tgt Ion:101 Resp: 2008623
 Ion Ratio Lower Upper
 101 100
 103 64.4 50.2 75.2

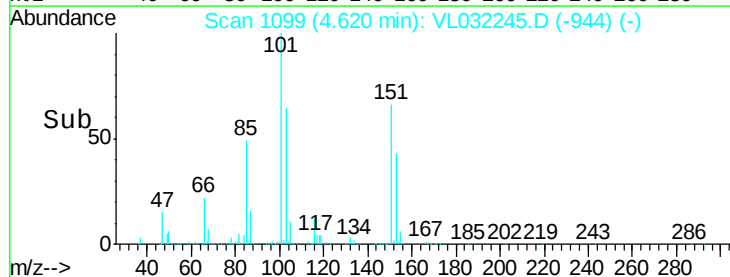
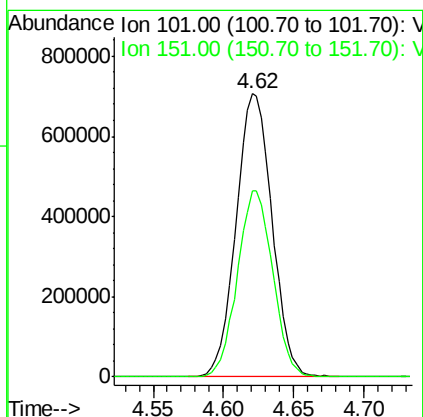
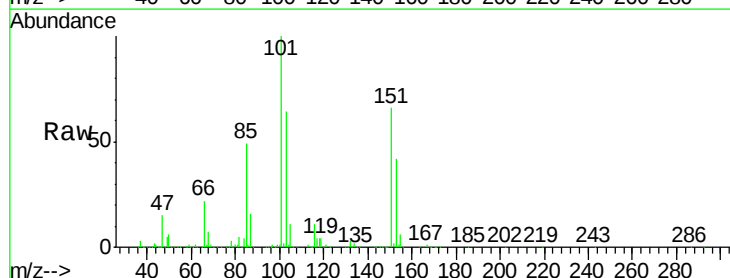
Manual Integrations
 APPROVED

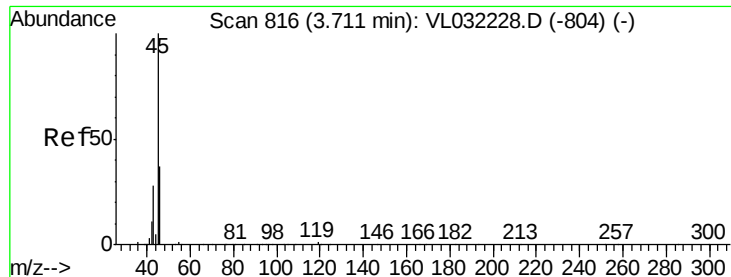
apatel
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#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.037 ppbv
 RT: 4.62 min Scan# 1099
 Delta R.T. -0.00 min
 Lab File: VL032245.D
 Acq: 13 Jul 2018 12:37

Tgt Ion:101 Resp: 1263717
 Ion Ratio Lower Upper
 101 100
 151 64.8 52.2 78.2





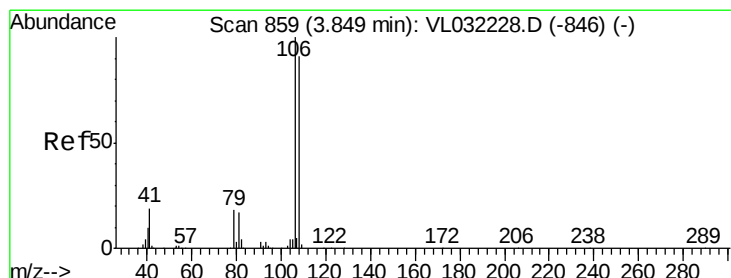
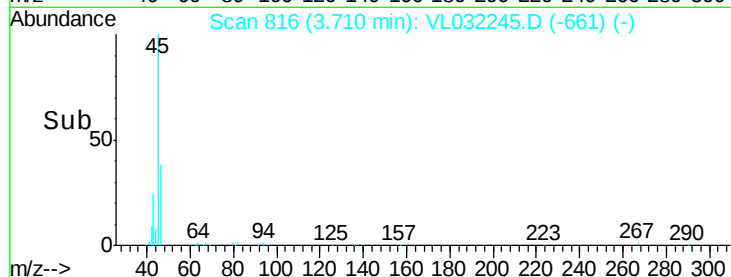
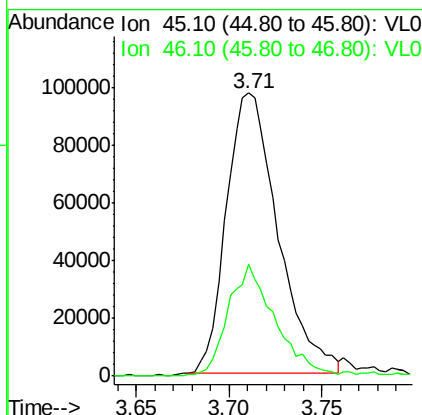
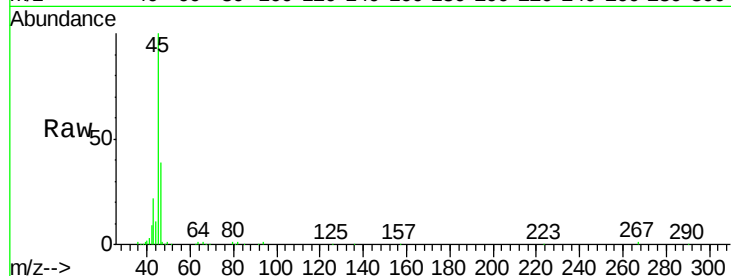
#13
Ethanol
Concen: 7.772 ppbv
RT: 3.71 min Scan# 816
Delta R.T. -0.00 min
Lab File: VL032245.D
Acq: 13 Jul 2018 12:37

Instrument :
MSVOA_L
ClientSampleId :
ICVVL071318

Tgt Ion	Ratio	Lower	Upper
45	100		
46	37.2	15.5	61.9

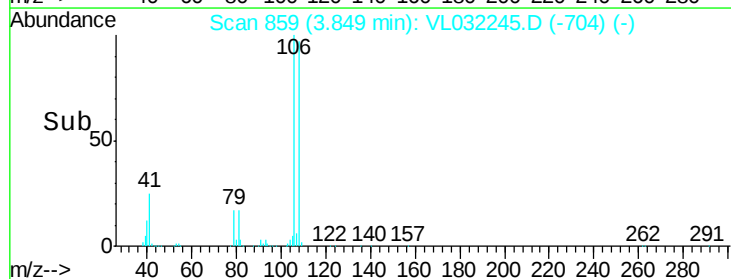
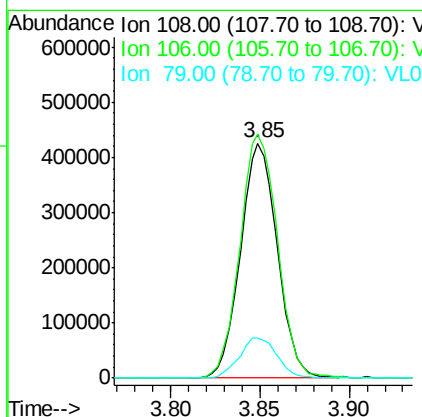
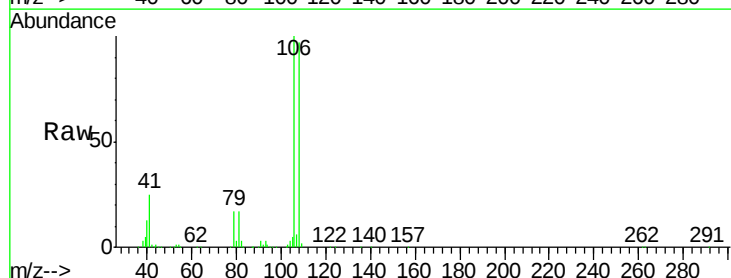
Manual Integrations
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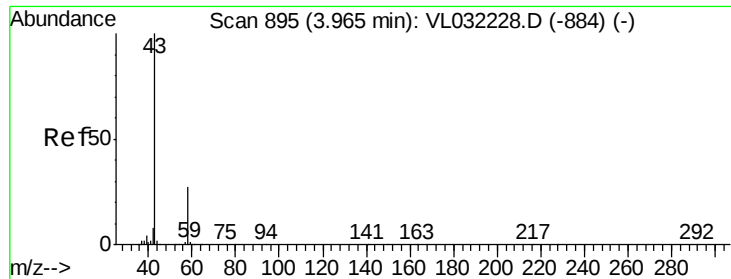
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#14
Bromoethene
Concen: 9.262 ppbv
RT: 3.85 min Scan# 859
Delta R.T. -0.00 min
Lab File: VL032245.D
Acq: 13 Jul 2018 12:37

Tgt Ion	Ratio	Lower	Upper
108	100		
106	106.7	85.5	128.3
79	18.0	14.2	21.4





#15

Acetone

Concen: 8.477 ppbv

RT: 3.96 min Scan# 895

Delta R.T. -0.00 min

Lab File: VL032245.D

Acq: 13 Jul 2018 12:37

Instrument :

MSVOA_L

ClientSampleId :

ICVVL071318

Tgt Ion: 43 Resp: 1563496

Ion Ratio Lower Upper

43 100

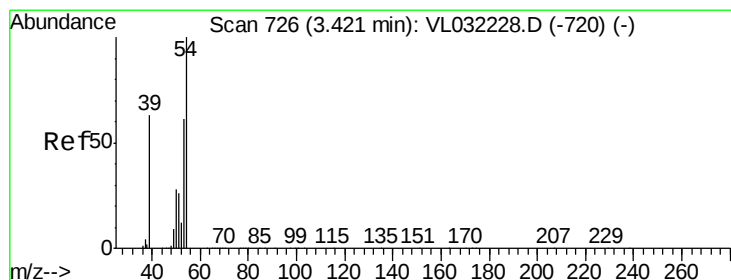
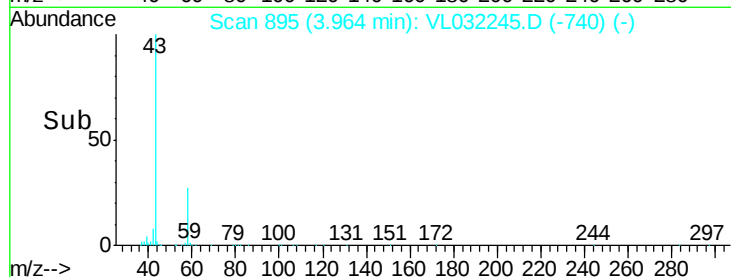
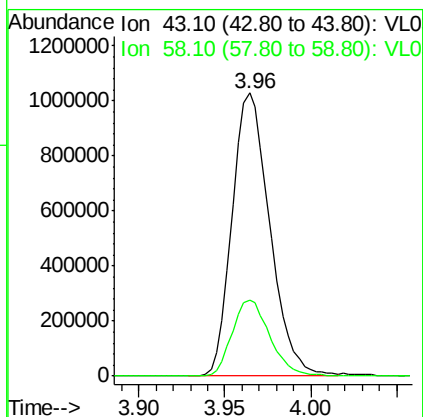
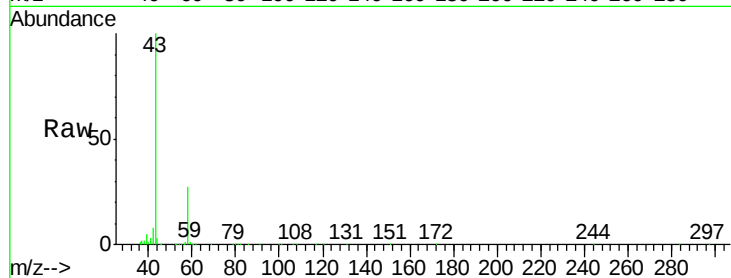
58 27.1 21.5 32.3

Manual Integrations

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#16

1,3-Butadiene

Concen: 8.552 ppbv

RT: 3.42 min Scan# 725

Delta R.T. -0.00 min

Lab File: VL032245.D

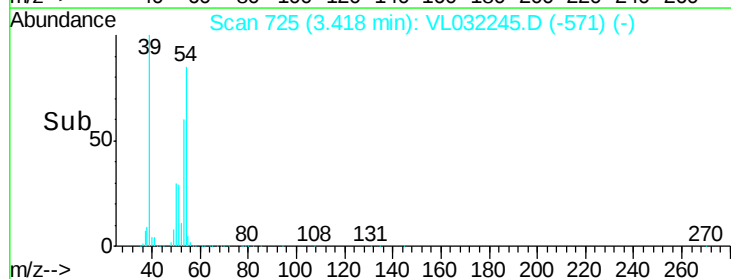
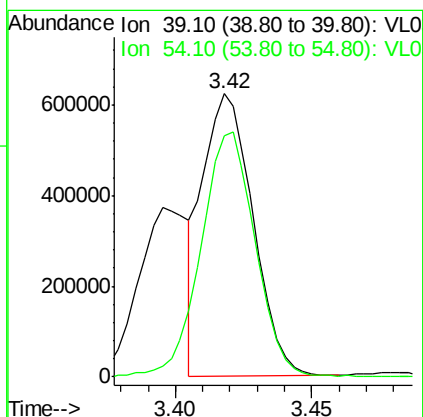
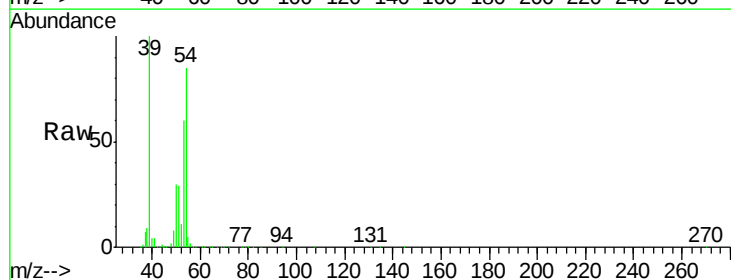
Acq: 13 Jul 2018 12:37

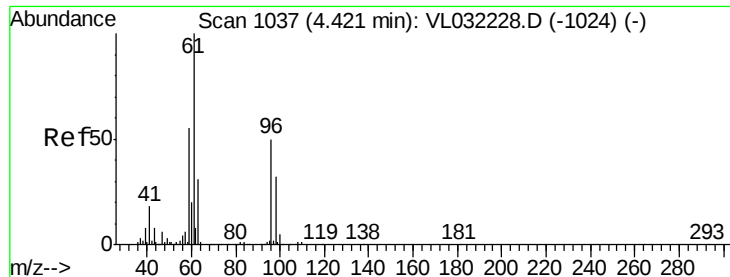
Tgt Ion: 39 Resp: 797063

Ion Ratio Lower Upper

39 100

54 94.4 70.0 105.0





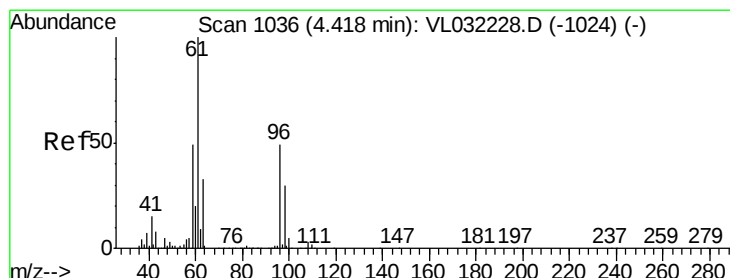
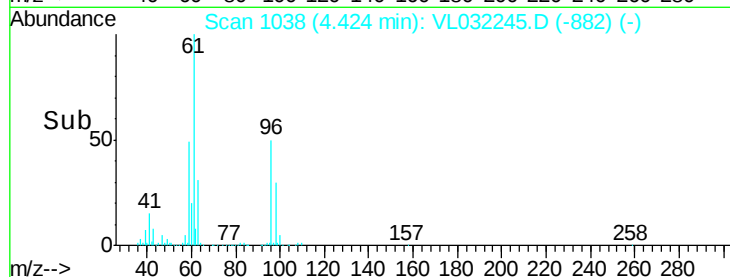
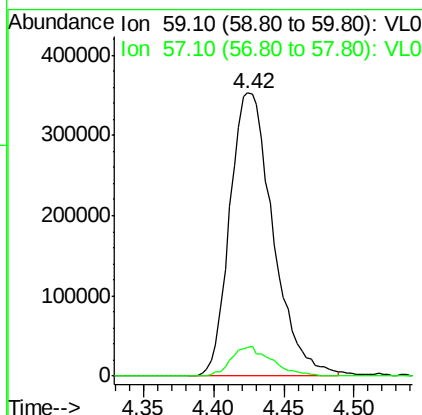
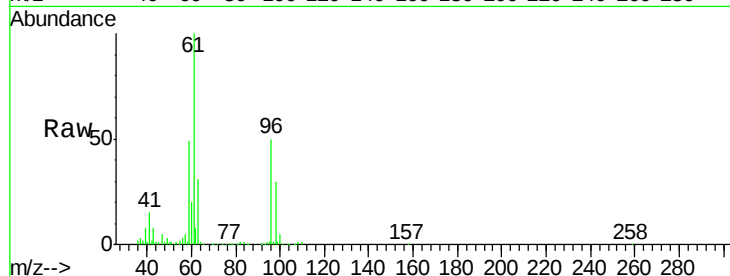
#17
 tert-Butyl alcohol
 Concen: 8.785 ppbv
 RT: 4.42 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: VL032245.D
 Acq: 13 Jul 2018 12:37

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL071318

Tgt Ion: 59 Resp: 756583
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.4 12.6

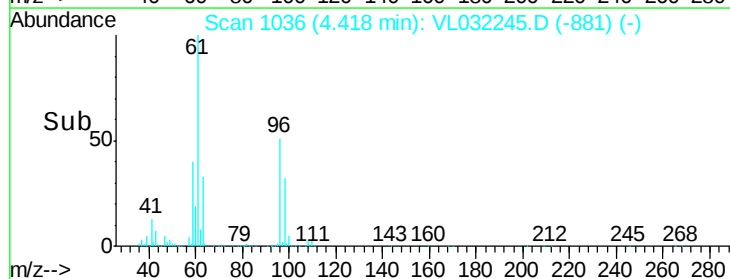
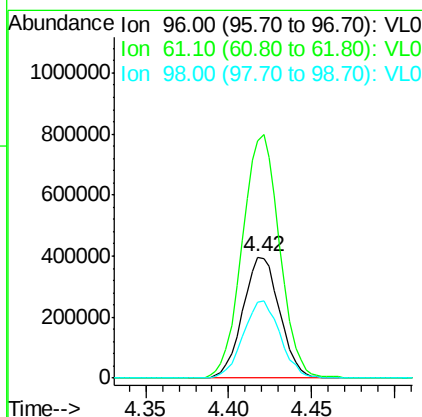
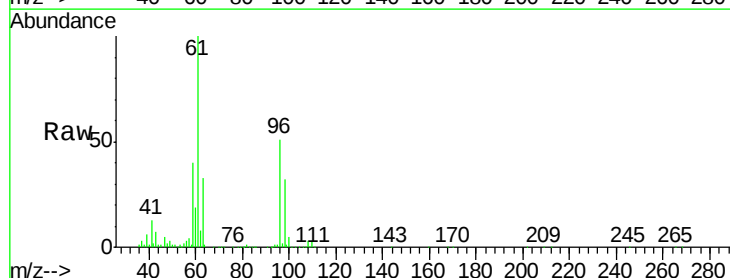
Manual Integrations
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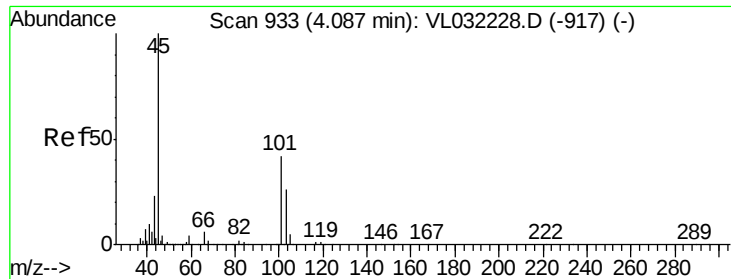
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#18
 1,1-Dichloroethene
 Concen: 9.446 ppbv
 RT: 4.42 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: VL032245.D
 Acq: 13 Jul 2018 12:37

Tgt Ion: 96 Resp: 614694
 Ion Ratio Lower Upper
 96 100
 61 196.1 163.0 244.4
 98 63.2 48.5 72.7





#19

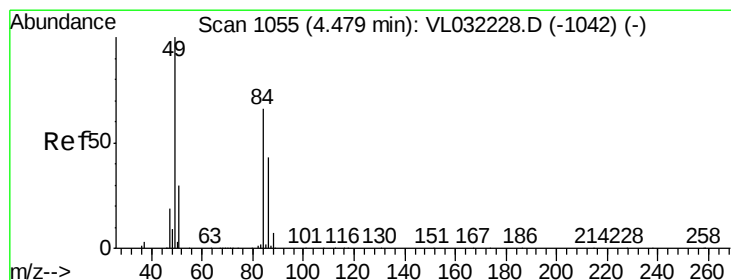
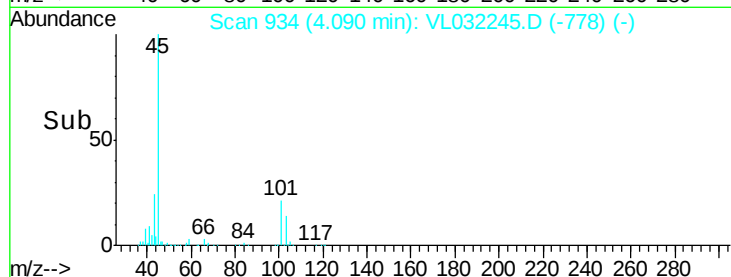
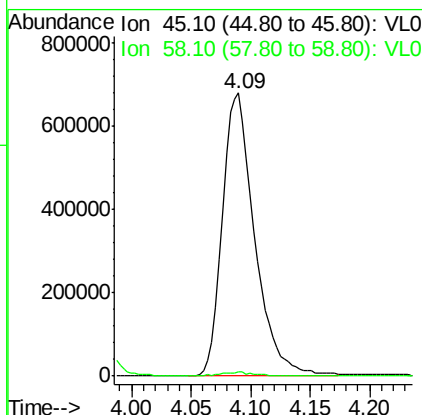
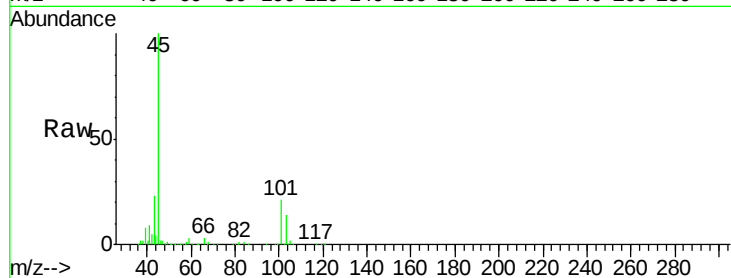
Isopropyl Alcohol
 Concen: 10.514 ppbv
 RT: 4.09 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: VL032245.D
 Acq: 13 Jul 2018 12:37

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL071318

Tgt Ion: 45 Resp: 1273348
 Ion Ratio Lower Upper
 45 100
 58 1.7 1.3 1.9

Manual Integrations
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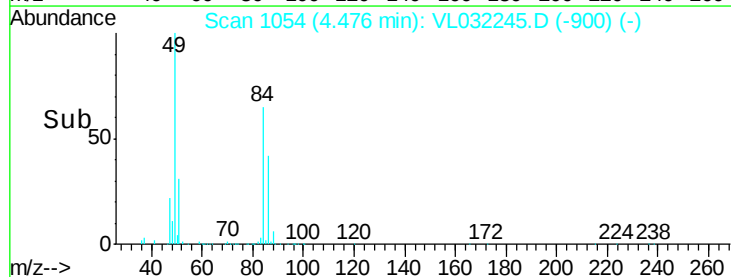
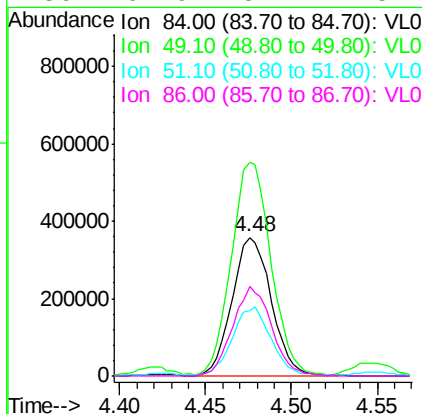
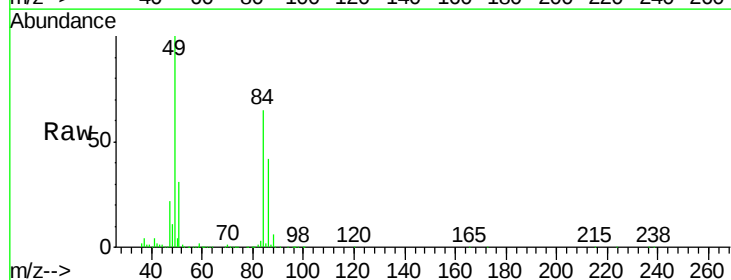
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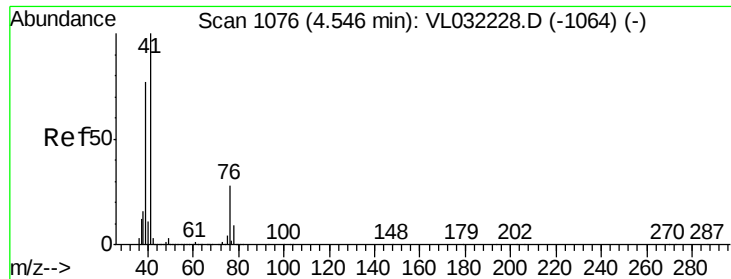


#20

Methylene Chloride
 Concen: 9.026 ppbv
 RT: 4.48 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: VL032245.D
 Acq: 13 Jul 2018 12:37

Tgt Ion: 84 Resp: 564192
 Ion Ratio Lower Upper
 84 100
 49 153.1 121.8 182.6
 51 46.5 36.3 54.5
 86 64.9 52.1 78.1





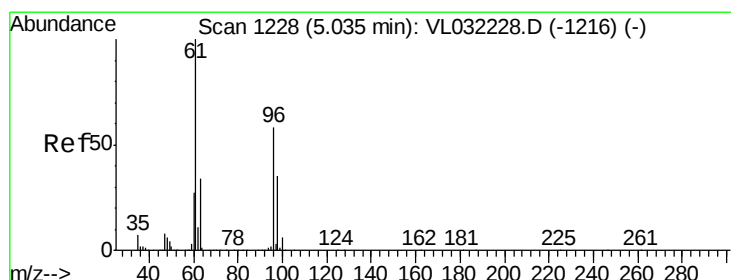
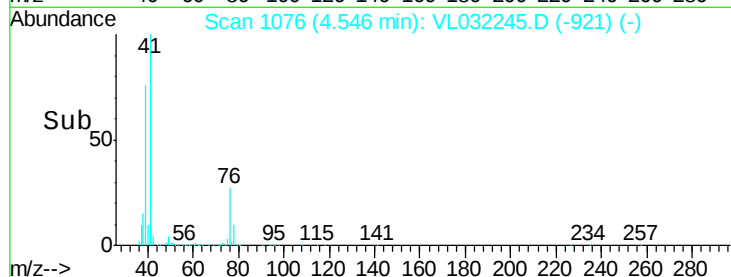
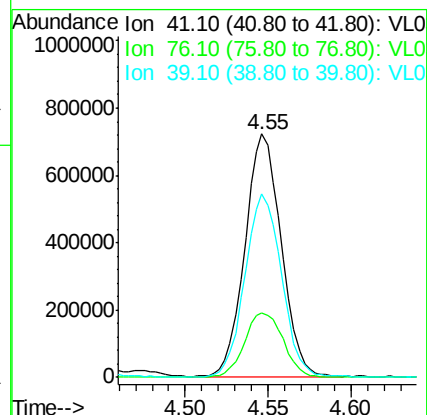
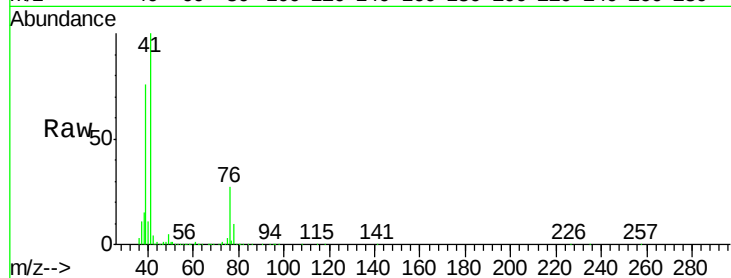
#21
 Allyl Chloride
 Concen: 10.092 ppbv
 RT: 4.55 min Scan# 1076
 Delta R.T. -0.00 min
 Lab File: VL032245.D
 Acq: 13 Jul 2018 12:37

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL071318

Tgt Ion: 41 Resp: 1089771
 Ion Ratio Lower Upper
 41 100
 76 28.5 22.9 34.3
 39 77.4 62.3 93.5

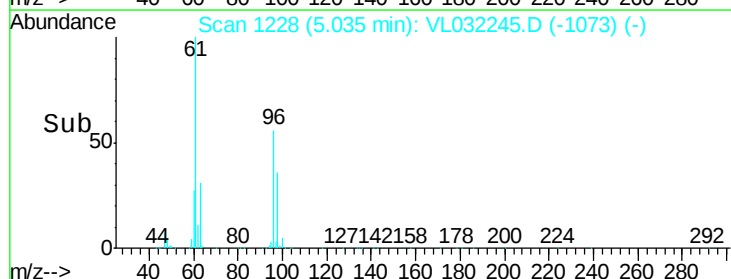
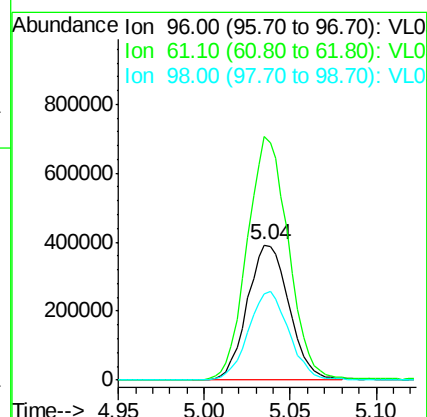
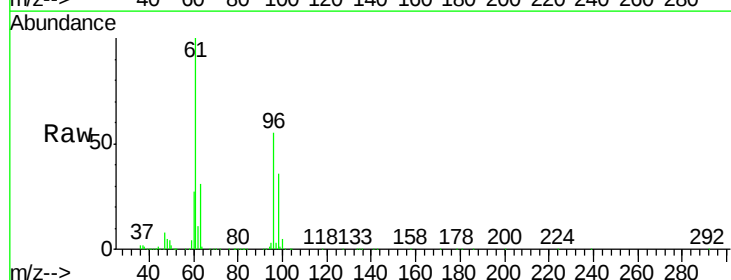
Manual Integrations
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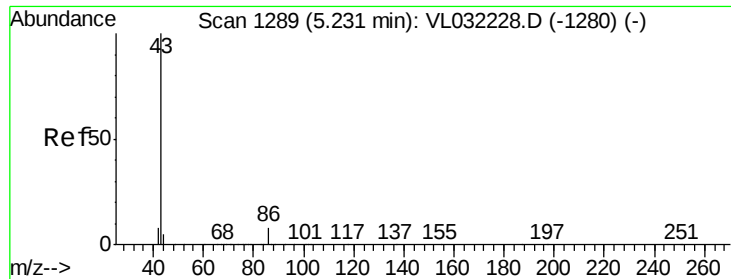
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#22
 trans-1,2-Dichloroethene
 Concen: 10.661 ppbv
 RT: 5.04 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VL032245.D
 Acq: 13 Jul 2018 12:37

Tgt Ion: 96 Resp: 660360
 Ion Ratio Lower Upper
 96 100
 61 180.3 139.1 208.7
 98 64.0 48.4 72.6





#23
 Vinyl Acetate
 Concen: 10.187 ppbv
 RT: 5.23 min Scan# 1288
 Delta R.T. -0.00 min
 Lab File: VL032245.D
 Acq: 13 Jul 2018 12:37

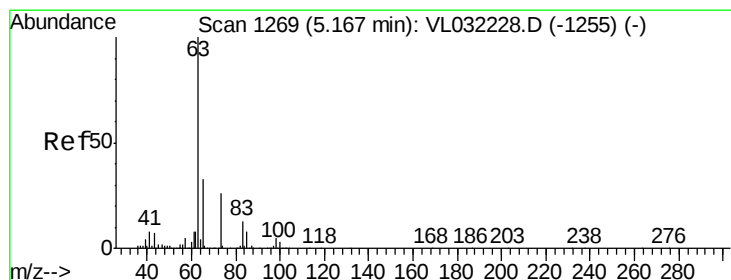
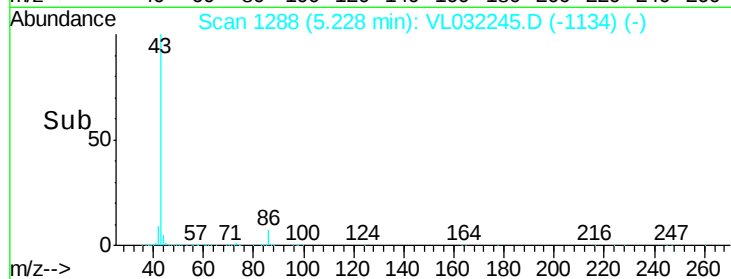
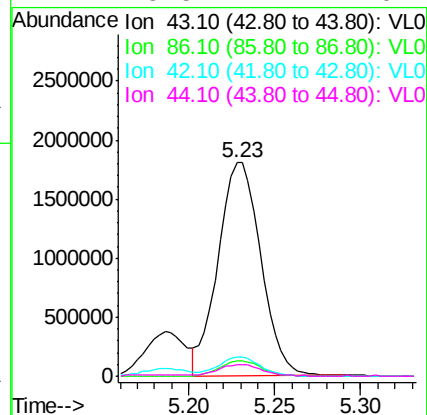
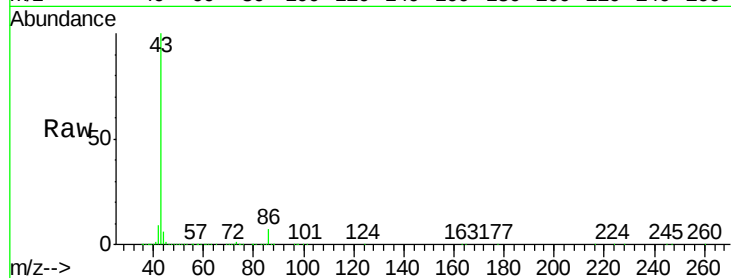
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL071318

Tgt Ion: 43 Resp: 3124921

Ion	Ratio	Lower	Upper
43	100		
86	7.0	5.9	8.9
42	9.1	7.0	10.6
44	5.5	4.2	6.2

Manual Integrations
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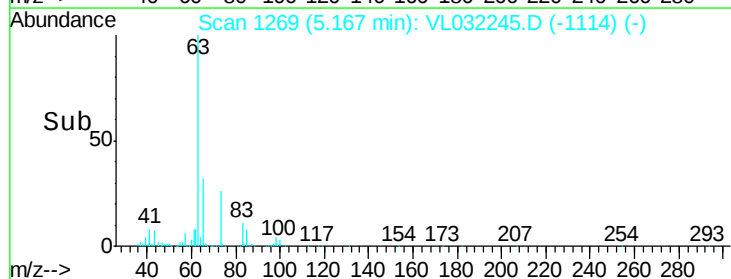
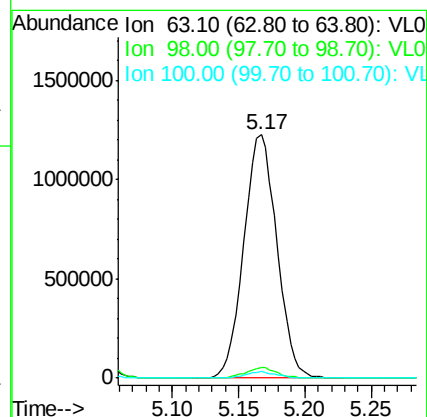
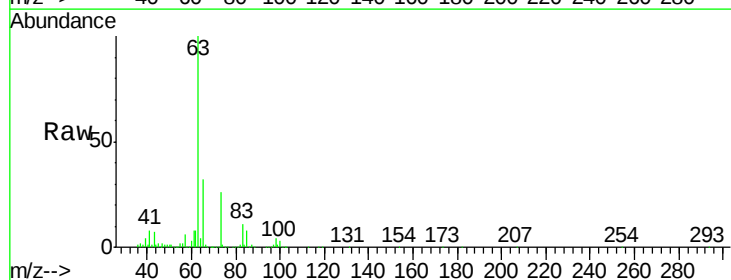
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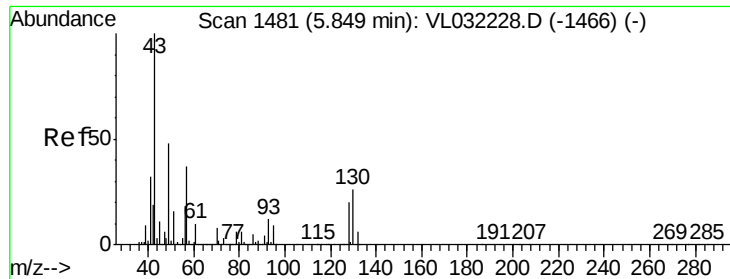


#24
 1,1-Dichloroethane
 Concen: 9.870 ppbv
 RT: 5.17 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VL032245.D
 Acq: 13 Jul 2018 12:37

Tgt Ion: 63 Resp: 2125893

Ion	Ratio	Lower	Upper
63	100		
98	4.1	2.4	7.1
100	2.7	1.5	4.4





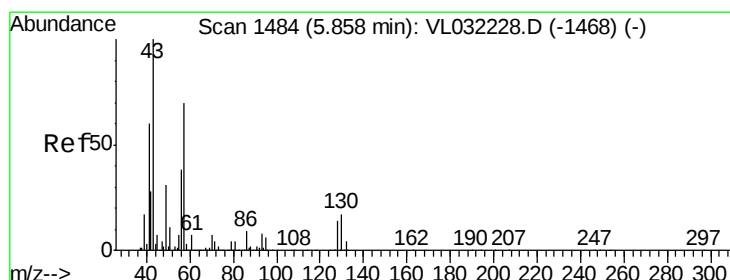
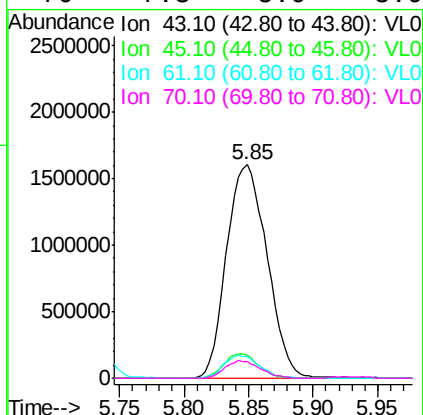
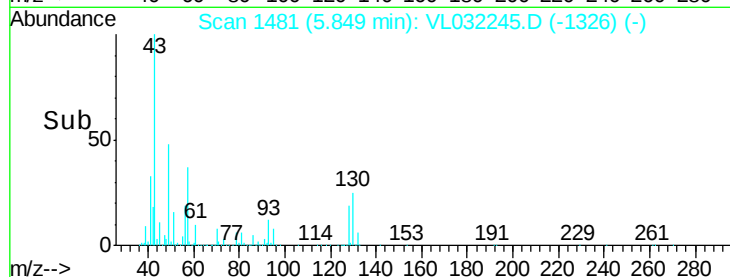
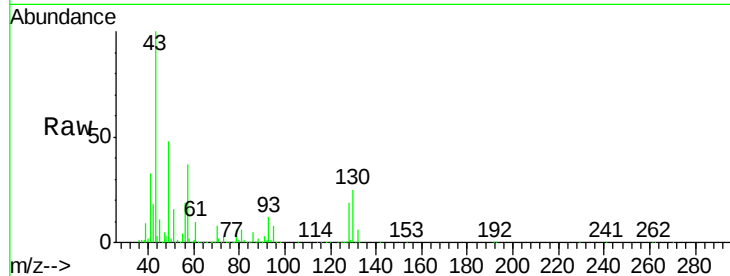
#25
Ethyl Acetate
Concen: 9.587 ppbv
RT: 5.85 min Scan# 1481
Delta R.T. -0.00 min
Lab File: VL032245.D
Acq: 13 Jul 2018 12:37

Instrument :
MSVOA_L
ClientSampleId :
ICVVL071318

Tgt Ion	Ratio	Lower	Upper
43	100		
45	9.8	8.0	12.0
61	9.4	7.7	11.5
70	7.3	5.9	8.9

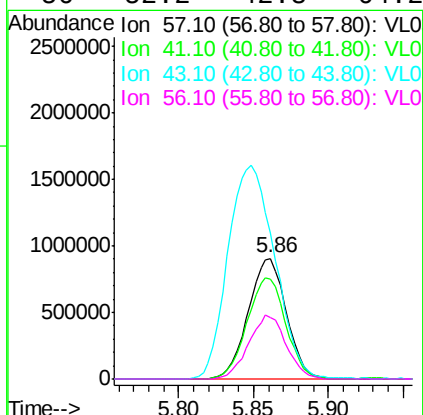
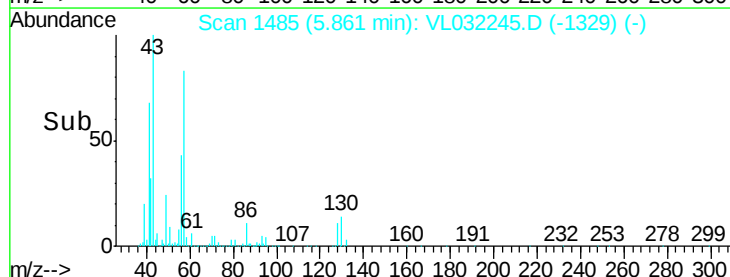
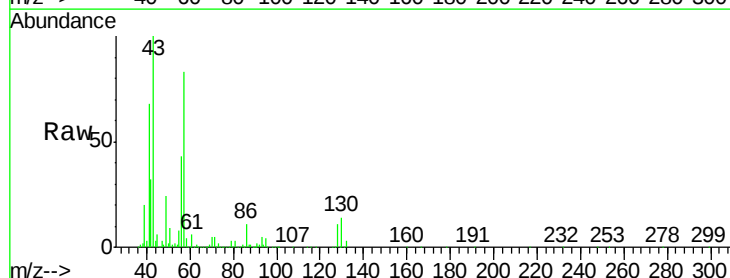
Manual Integrations
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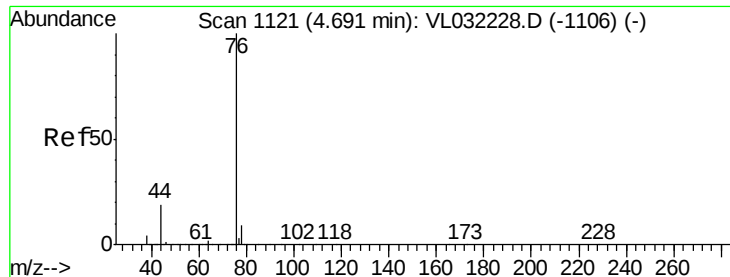
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#26
Hexane
Concen: 9.618 ppbv
RT: 5.86 min Scan# 1485
Delta R.T. 0.00 min
Lab File: VL032245.D
Acq: 13 Jul 2018 12:37

Tgt Ion	Ratio	Lower	Upper
57	100		
41	85.8	68.7	103.1
43	219.0	176.2	264.2
56	52.2	42.8	64.2





#27

Carbon Disulfide

Concen: 10.238 ppbv

RT: 4.69 min Scan# 1121

Delta R.T. -0.00 min

Lab File: VL032245.D

Acq: 13 Jul 2018 12:37

Instrument :

MSVOA_L

ClientSampleId :

ICVVL071318

Tgt Ion: 76 Resp: 1525181

Ion Ratio Lower Upper

76 100

44 18.8 15.1 22.7

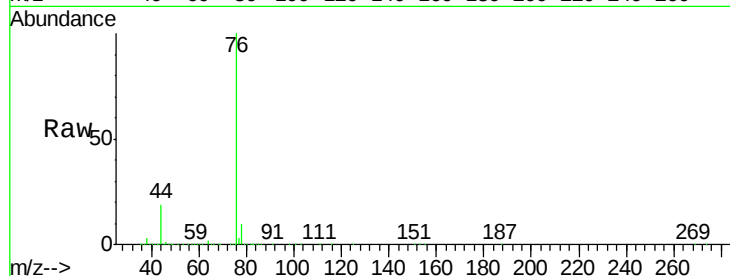
78 9.4 7.4 11.0

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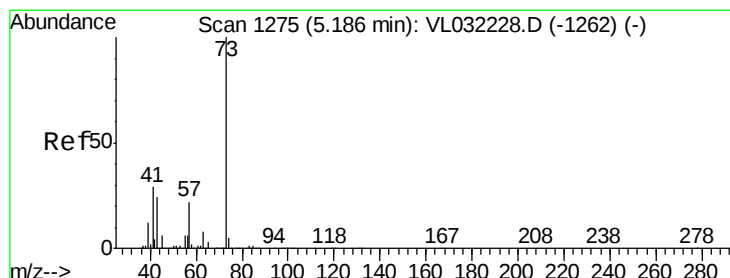
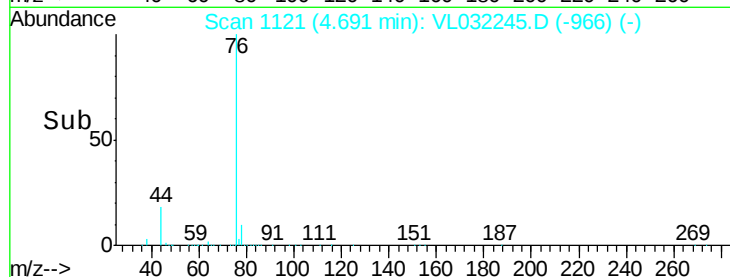
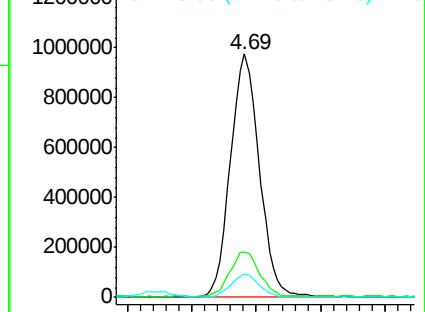
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Abundance Ion 76.00 (75.70 to 76.70): VL0
Ion 44.10 (43.80 to 44.80): VL0
Ion 78.00 (77.70 to 78.70): VL0



#28

Methyl tert-Butyl Ether

Concen: 10.375 ppbv

RT: 5.19 min Scan# 1275

Delta R.T. -0.00 min

Lab File: VL032245.D

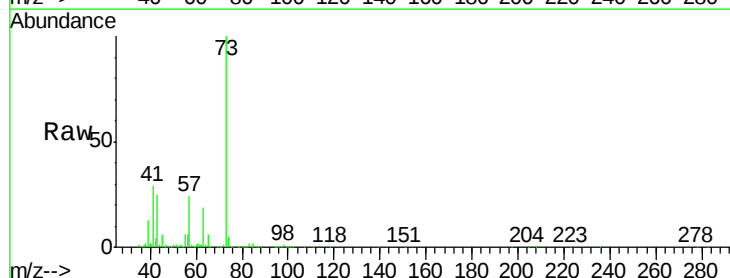
Acq: 13 Jul 2018 12:37

Tgt Ion: 73 Resp: 2718955

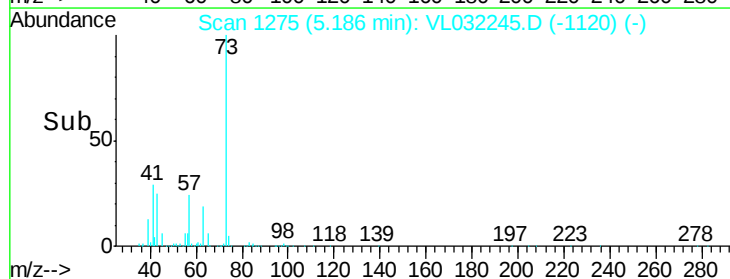
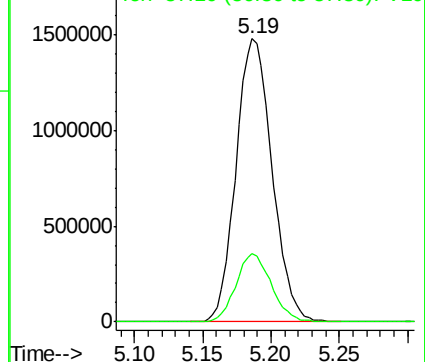
Ion Ratio Lower Upper

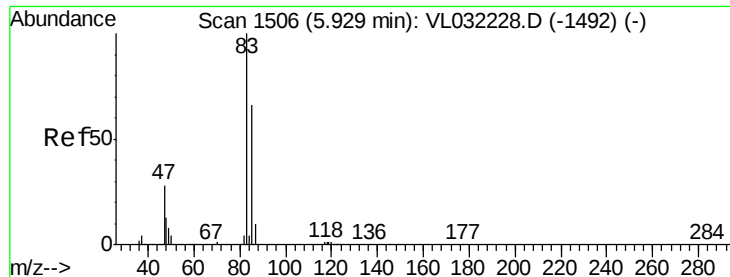
73 100

57 23.7 18.6 27.8



Abundance Ion 73.10 (72.80 to 73.80): VL0
Ion 57.10 (56.80 to 57.80): VL0





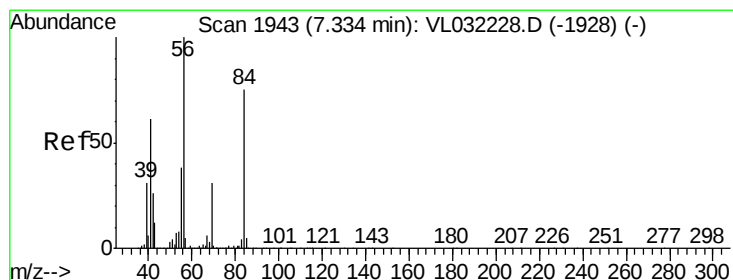
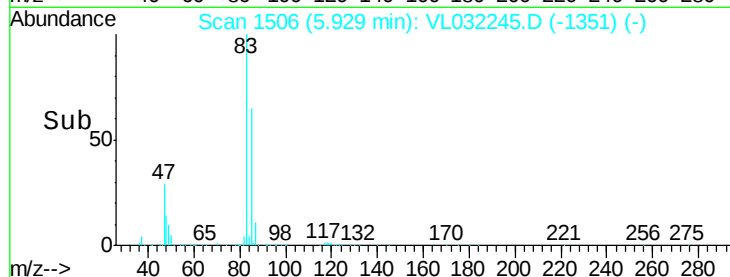
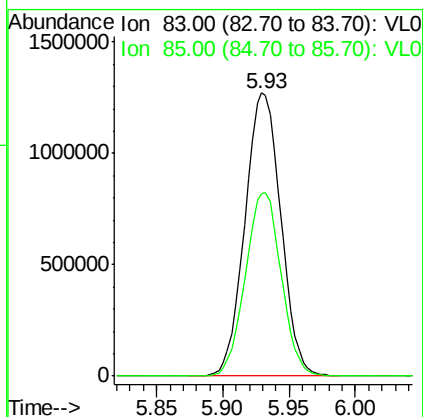
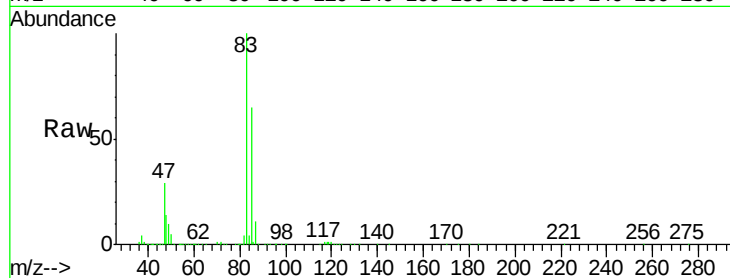
#29
Chloroform
Concen: 9.326 ppbv
RT: 5.93 min Scan# 1506
Delta R.T. -0.00 min
Lab File: VL032245.D
Acq: 13 Jul 2018 12:37

Instrument :
MSVOA_L
ClientSampleId :
ICVVL071318

Tgt Ion: 83 Resp: 2397243
Ion Ratio Lower Upper
83 100
85 64.4 52.7 79.1

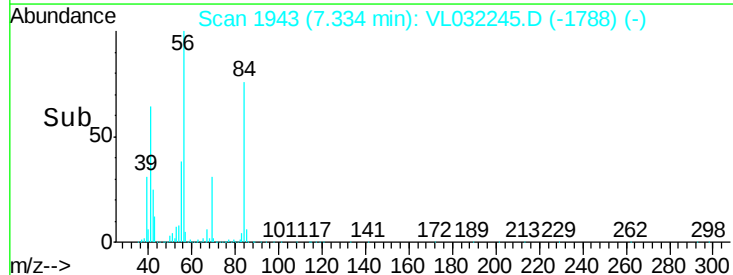
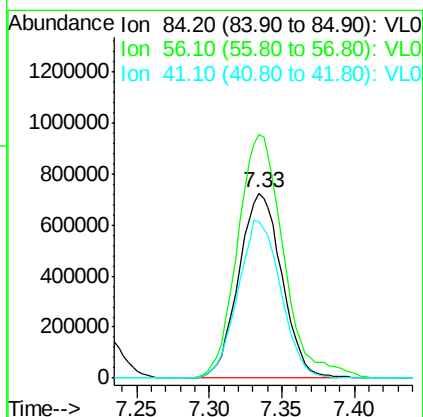
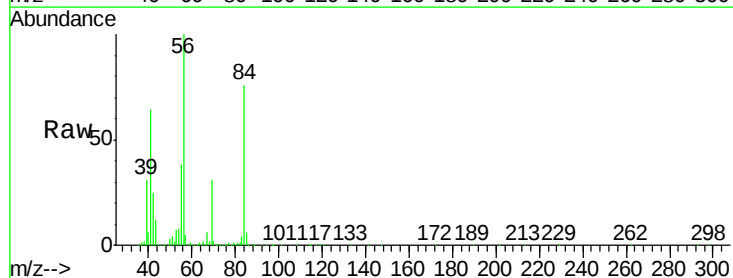
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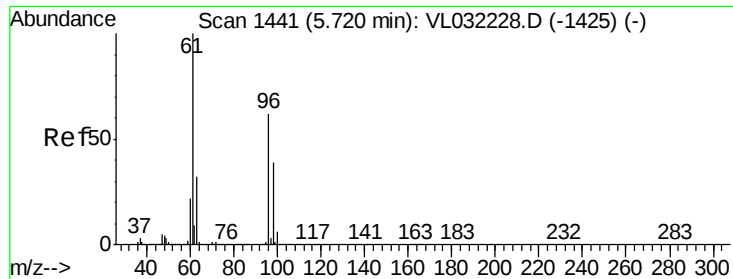
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#30
Cyclohexane
Concen: 10.152 ppbv
RT: 7.33 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VL032245.D
Acq: 13 Jul 2018 12:37

Tgt Ion: 84 Resp: 1491653
Ion Ratio Lower Upper
84 100
56 141.0 112.6 168.8
41 85.0 67.0 100.6





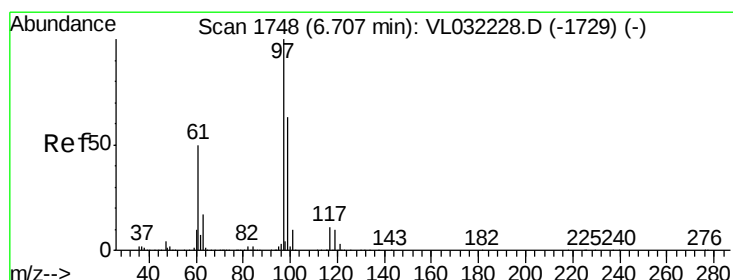
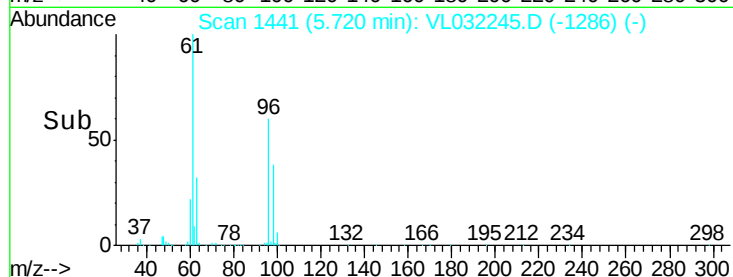
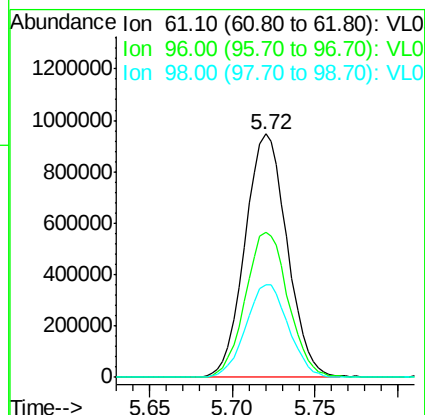
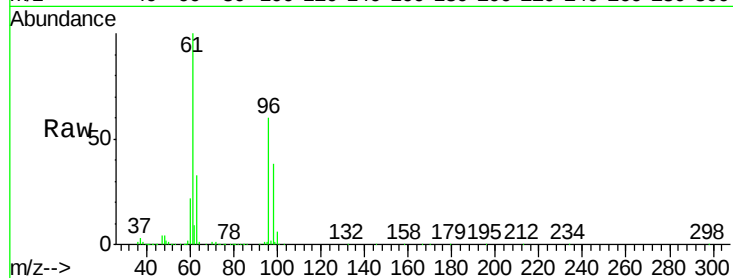
#31
 cis-1,2-Dichloroethene
 Concen: 10.059 ppbv
 RT: 5.72 min Scan# 1441
 Delta R.T. -0.00 min
 Lab File: VL032245.D
 Acq: 13 Jul 2018 12:37

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL071318

Tgt Ion: 61 Resp: 1671423
 Ion Ratio Lower Upper
 61 100
 96 59.8 49.8 74.8
 98 38.2 31.4 47.2

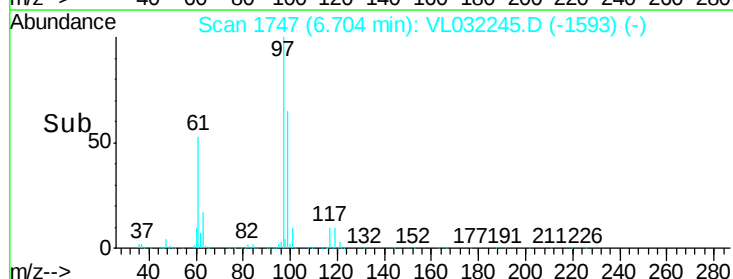
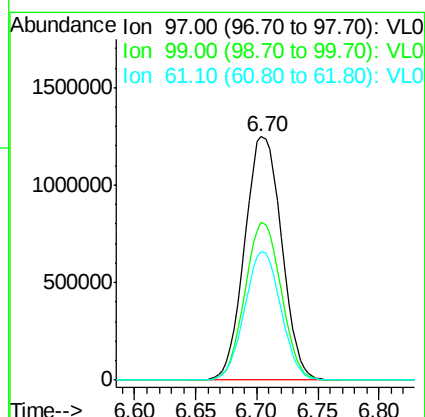
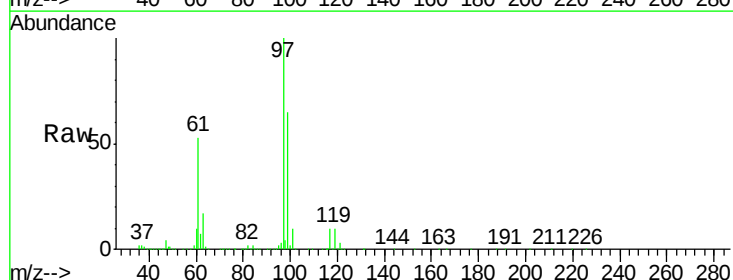
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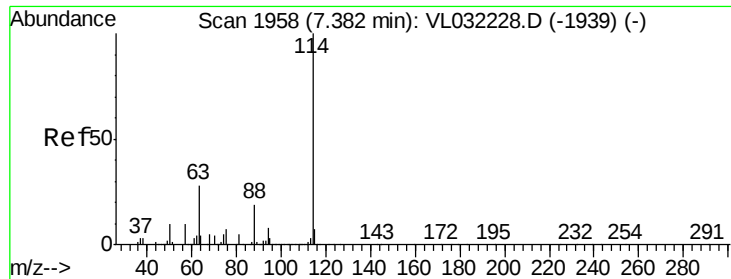
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#32
 1,1,1-Trichloroethane
 Concen: 10.470 ppbv
 RT: 6.70 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VL032245.D
 Acq: 13 Jul 2018 12:37

Tgt Ion: 97 Resp: 2611398
 Ion Ratio Lower Upper
 97 100
 99 63.6 51.2 76.8
 61 51.6 41.3 61.9





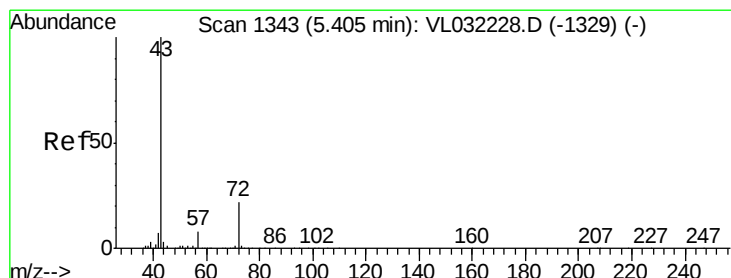
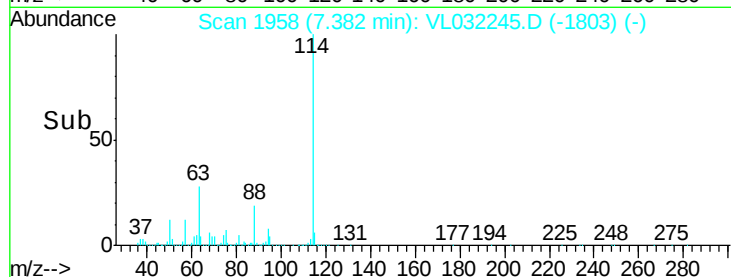
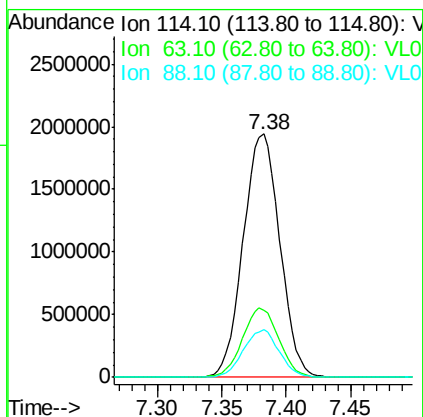
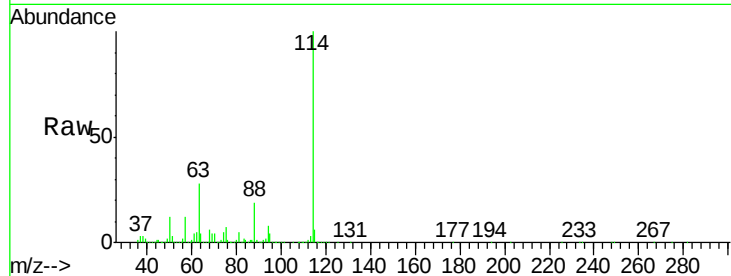
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.38 min Scan# 1958
 Delta R.T. -0.00 min
 Lab File: VL032245.D
 Acq: 13 Jul 2018 12:37

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL071318

Tgt Ion: 114 Resp: 3852079
 Ion Ratio Lower Upper
 114 100
 63 28.5 22.5 33.7
 88 19.1 15.4 23.0

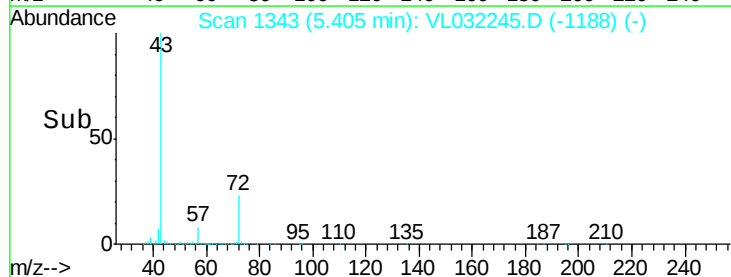
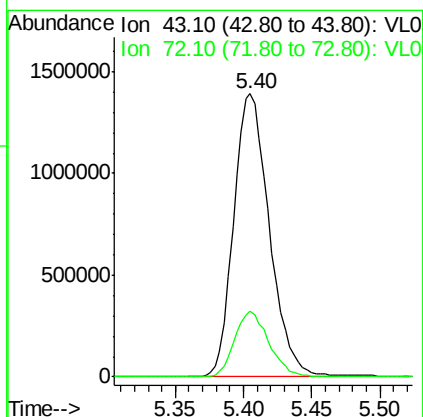
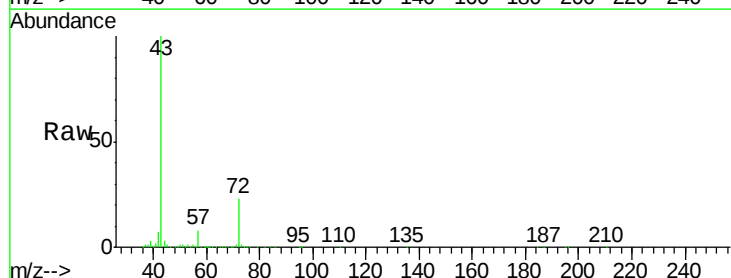
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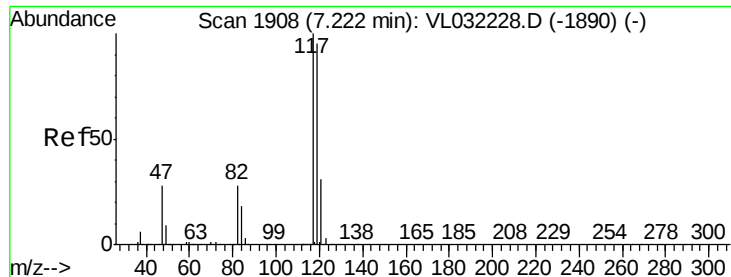
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#34
 2-Butanone
 Concen: 9.587 ppbv
 RT: 5.40 min Scan# 1343
 Delta R.T. -0.00 min
 Lab File: VL032245.D
 Acq: 13 Jul 2018 12:37

Tgt Ion: 43 Resp: 2516224
 Ion Ratio Lower Upper
 43 100
 72 22.5 18.1 27.1





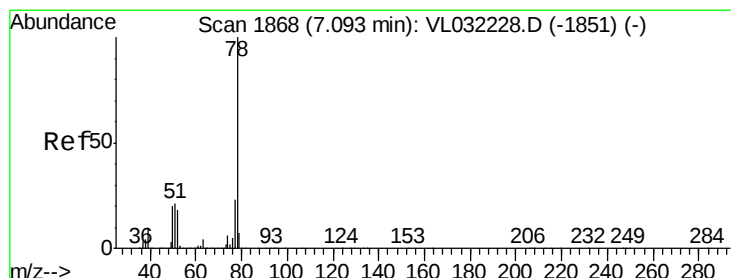
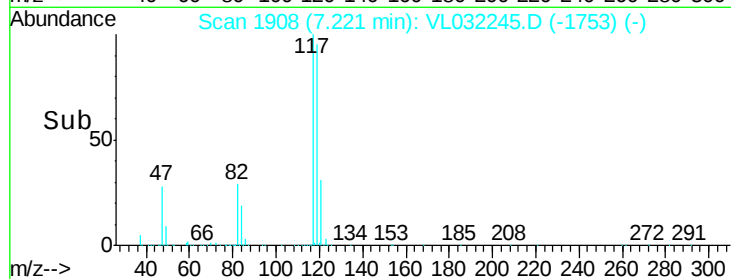
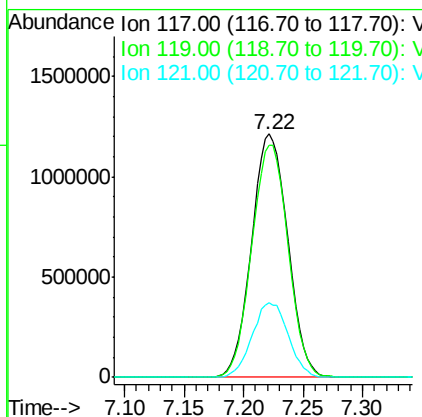
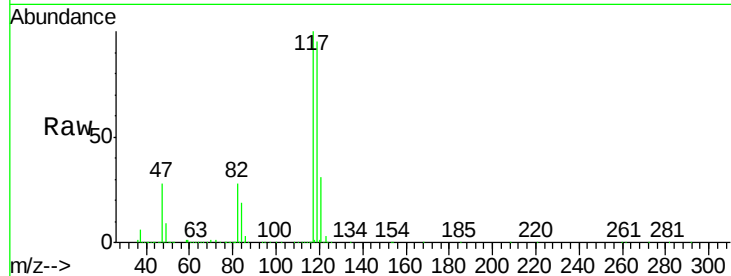
#35
Carbon Tetrachloride
Concen: 9.800 ppbv
RT: 7.22 min Scan# 1908
Delta R.T. -0.00 min
Lab File: VL032245.D
Acq: 13 Jul 2018 12:37

Instrument :
MSVOA_L
ClientSampleId :
ICVVL071318

Tgt Ion: 117 Resp: 2554825
Ion Ratio Lower Upper
117 100
119 95.3 75.7 113.5
121 30.9 24.6 37.0

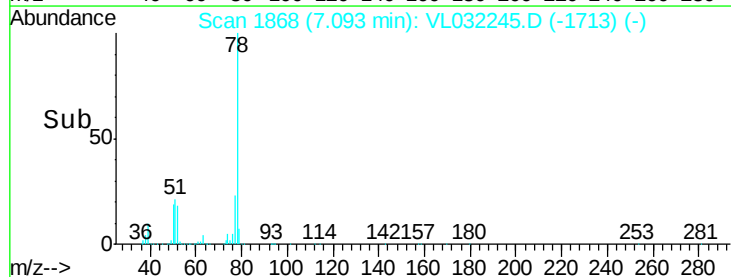
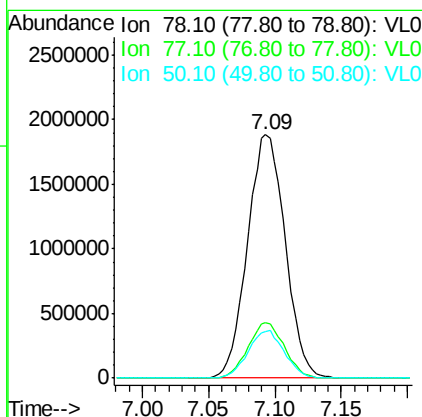
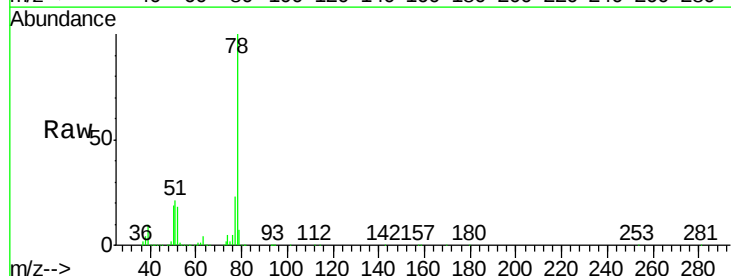
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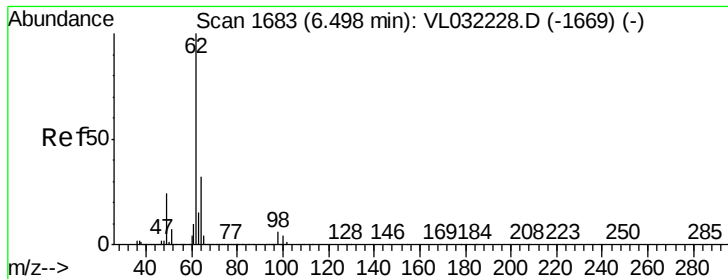
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#36
Benzene
Concen: 9.713 ppbv
RT: 7.09 min Scan# 1868
Delta R.T. -0.00 min
Lab File: VL032245.D
Acq: 13 Jul 2018 12:37

Tgt Ion: 78 Resp: 3718518
Ion Ratio Lower Upper
78 100
77 22.9 18.0 27.0
50 19.3 15.8 23.8





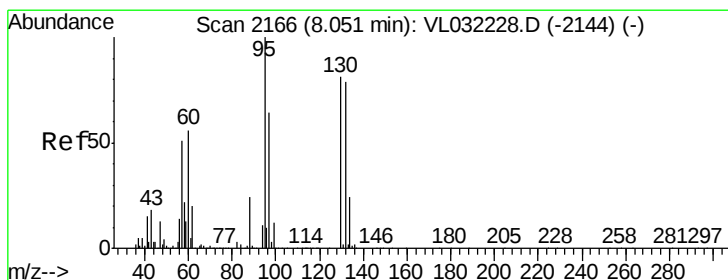
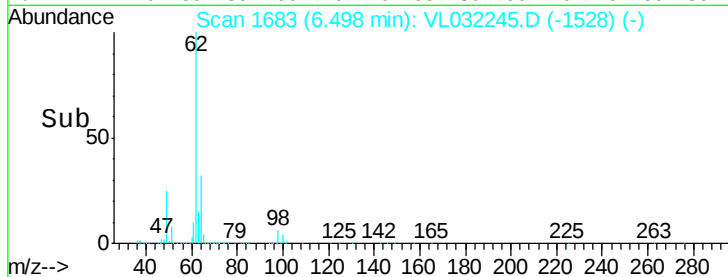
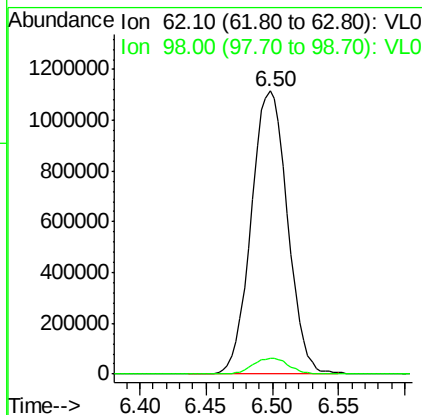
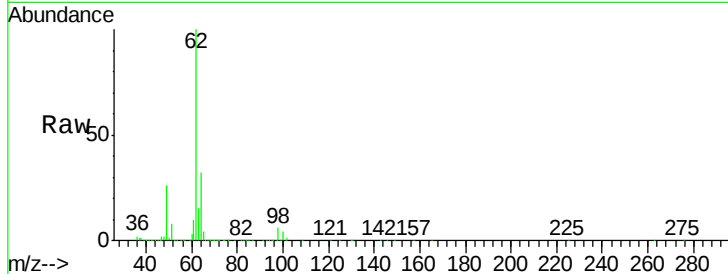
#37
 1,2-Dichloroethane
 Concen: 10.125 ppbv
 RT: 6.50 min Scan# 1683
 Delta R.T. -0.00 min
 Lab File: VL032245.D
 Acq: 13 Jul 2018 12:37

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL071318

Tgt Ion: 62 Resp: 2122074
 Ion Ratio Lower Upper
 62 100
 98 5.7 4.6 7.0

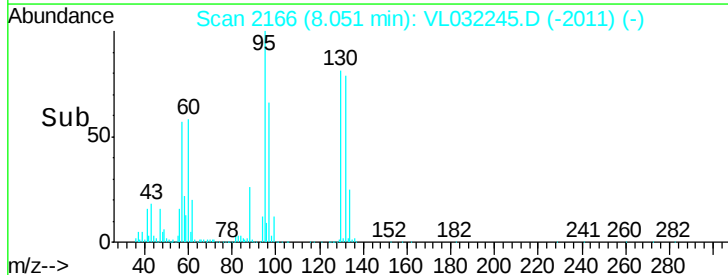
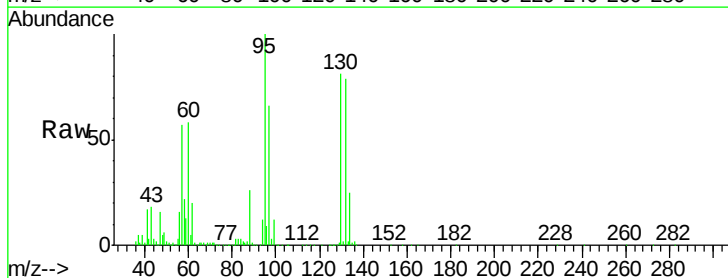
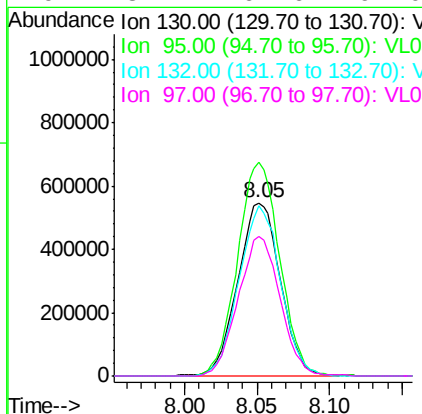
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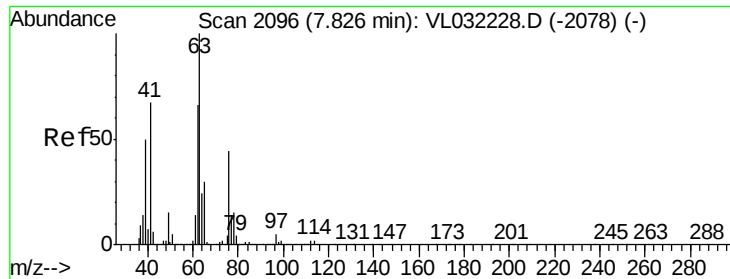
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#38
 Trichloroethene
 Concen: 8.430 ppbv
 RT: 8.05 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VL032245.D
 Acq: 13 Jul 2018 12:37

Tgt Ion: 130 Resp: 1106917
 Ion Ratio Lower Upper
 130 100
 95 123.5 98.3 147.5
 132 98.1 78.1 117.1
 97 81.1 62.6 94.0





#39

1,2-Dichloropropane

Concen: 9.409 ppbv

RT: 7.83 min Scan# 2096

Delta R.T. -0.00 min

Lab File: VL032245.D

Acq: 13 Jul 2018 12:37

Instrument :

MSVOA_L

ClientSampleId :

ICVVL071318

Tgt Ion: 63 Resp: 1431513

Ion Ratio Lower Upper

63 100

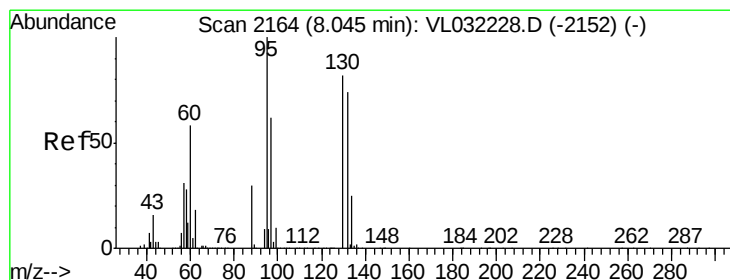
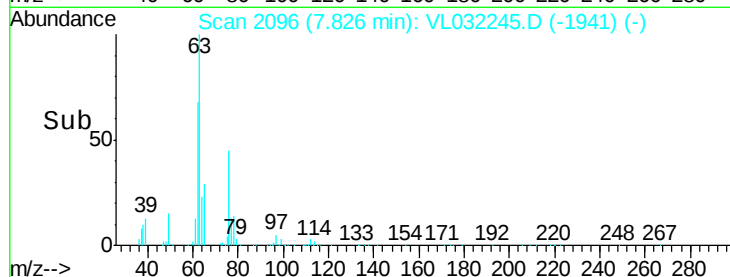
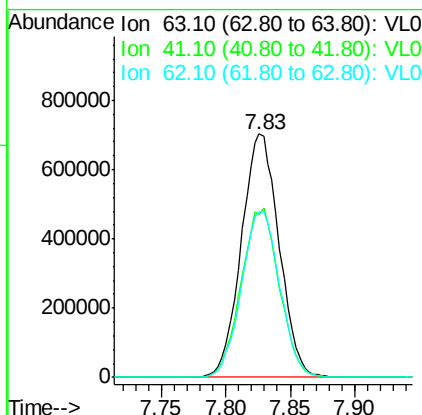
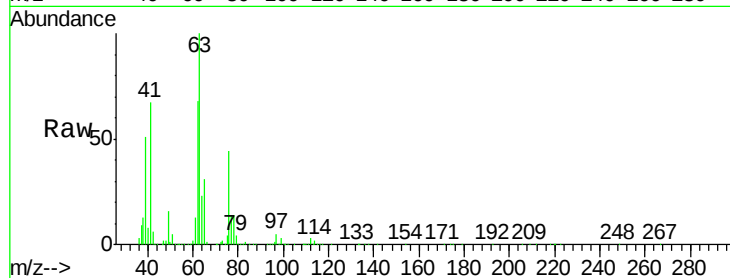
41 67.0 53.8 80.6

62 67.7 53.1 79.7

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#40

1,4-Dioxane

Concen: 8.635 ppbv

RT: 8.04 min Scan# 2163

Delta R.T. -0.00 min

Lab File: VL032245.D

Acq: 13 Jul 2018 12:37

Tgt Ion: 88 Resp: 450459

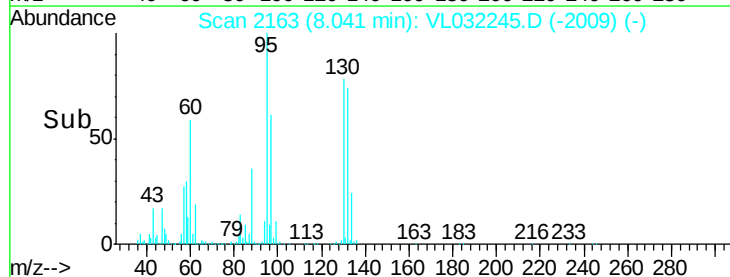
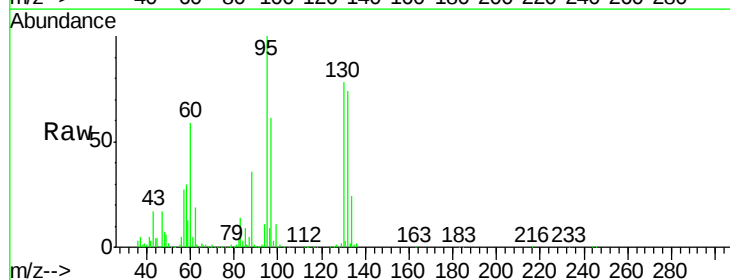
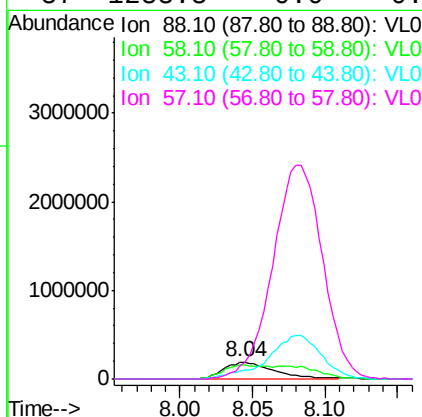
Ion Ratio Lower Upper

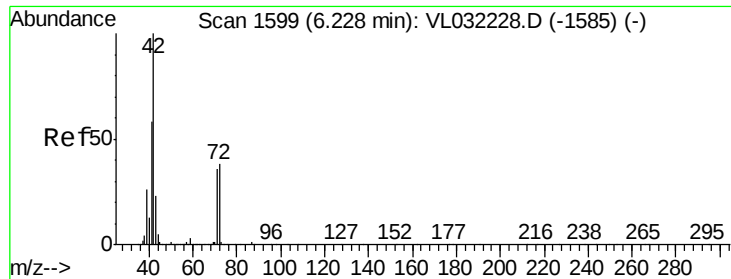
88 100

58 141.0 117.4 176.2

43 282.4 0.0 0.0#

57 1288.3 0.0 0.0#





#41

Tetrahydrofuran

Concen: 10.651 ppbv

RT: 6.23 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VL032245.D

Acq: 13 Jul 2018 12:37

Instrument :

MSVOA_L

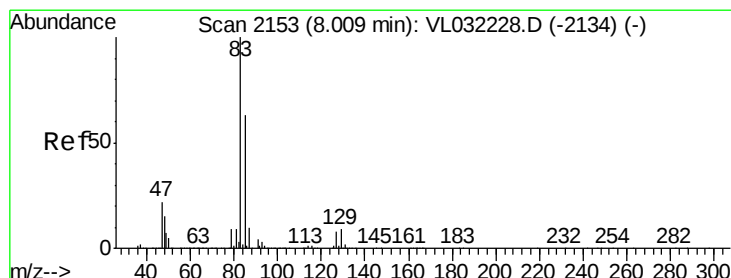
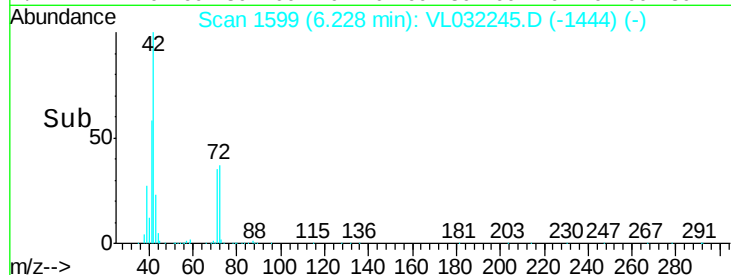
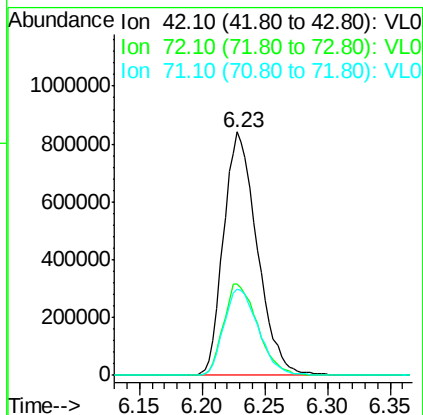
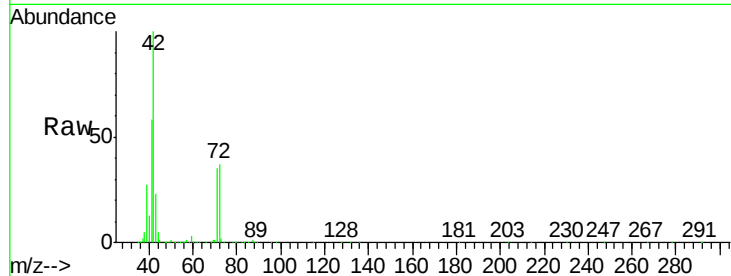
ClientSampleId :

ICVVL071318

Tgt Ion:	42	Resp:	1564405
Ion	Ratio	Lower	Upper
42	100		
72	38.2	30.6	45.8
71	36.5	29.7	44.5

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#42

Bromodichloromethane

Concen: 9.375 ppbv

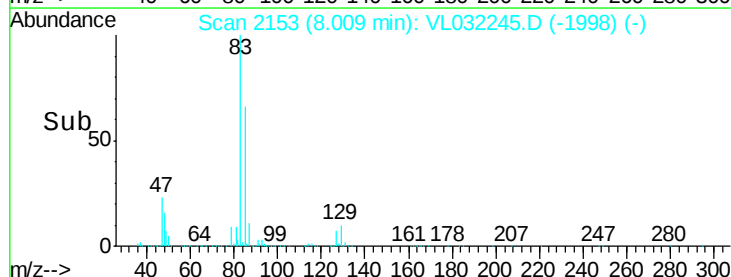
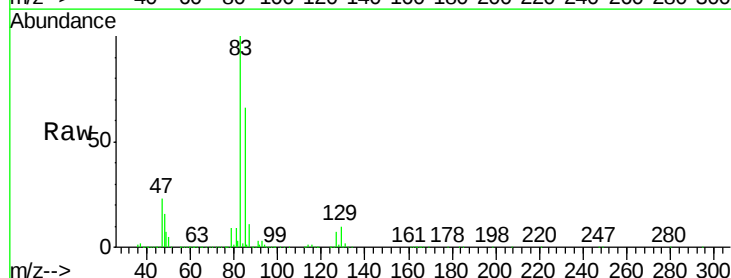
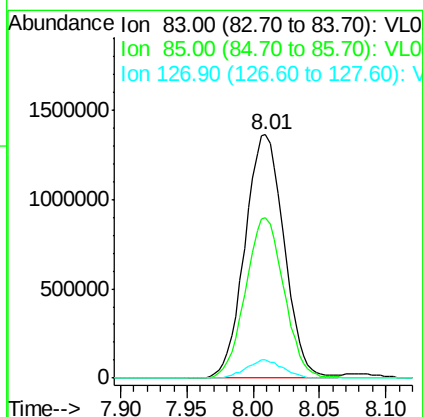
RT: 8.01 min Scan# 2153

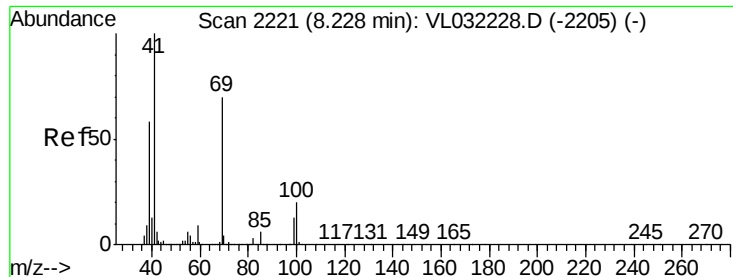
Delta R.T. -0.00 min

Lab File: VL032245.D

Acq: 13 Jul 2018 12:37

Tgt Ion:	83	Resp:	2797852
Ion	Ratio	Lower	Upper
83	100		
85	66.0	50.6	76.0
127	7.4	6.1	9.1





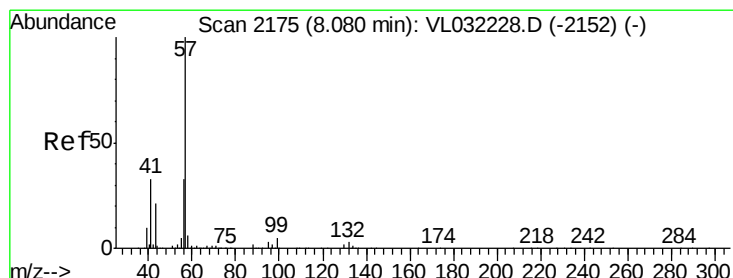
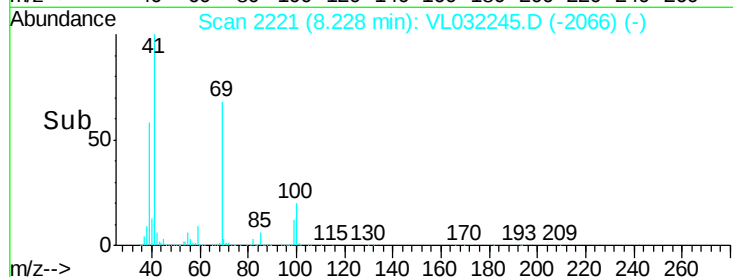
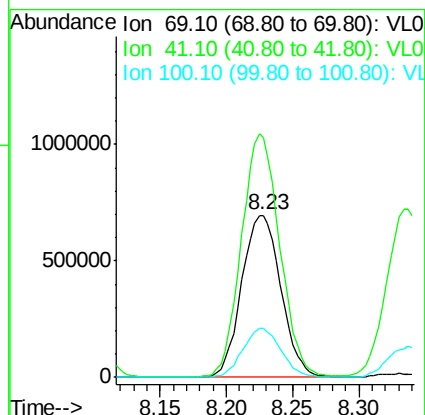
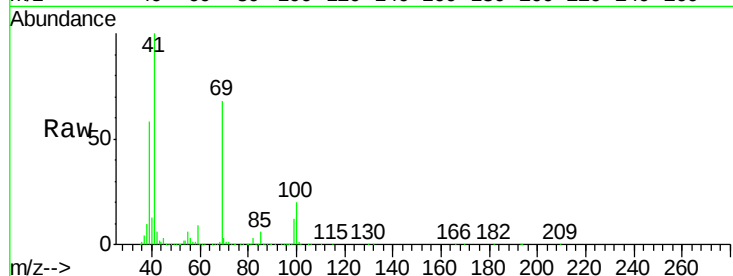
#43
Methyl Methacrylate
Concen: 9.678 ppbv
RT: 8.23 min Scan# 2221
Delta R.T. -0.00 min
Lab File: VL032245.D
Acq: 13 Jul 2018 12:37

Instrument :
MSVOA_L
ClientSampleId :
ICVVL071318

Tgt Ion: 69 Resp: 1431677
Ion Ratio Lower Upper
69 100
41 146.4 116.3 174.5
100 29.4 23.8 35.8

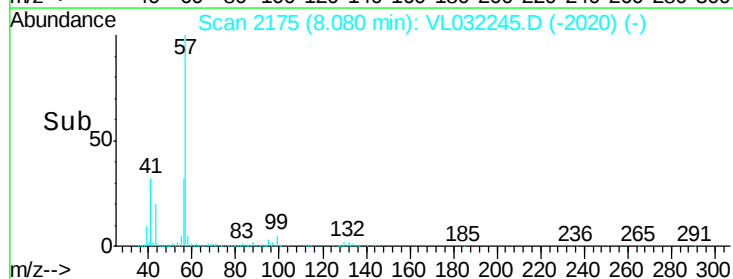
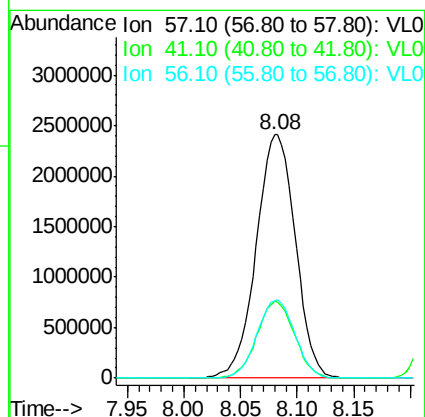
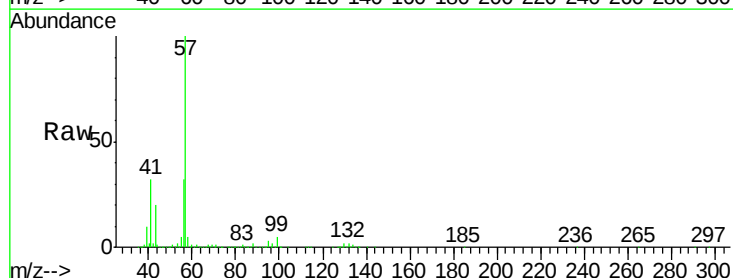
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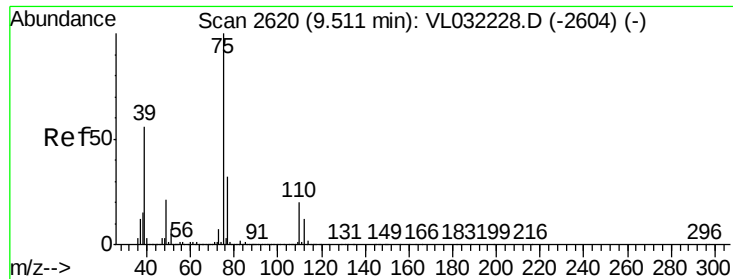
apatel
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#44
2,2,4-Trimethylpentane
Concen: 8.792 ppbv
RT: 8.08 min Scan# 2175
Delta R.T. -0.00 min
Lab File: VL032245.D
Acq: 13 Jul 2018 12:37

Tgt Ion: 57 Resp: 5788763
Ion Ratio Lower Upper
57 100
41 30.3 24.7 37.1
56 31.2 25.4 38.0





#45

t-1,3-Dichloropropene

Concen: 11.332 ppbv

RT: 9.51 min Scan# 2619

Delta R.T. -0.00 min

Lab File: VL032245.D

Acq: 13 Jul 2018 12:37

Instrument :

MSVOA_L

ClientSampleId :

ICVVL071318

Tgt Ion: 75 Resp: 1996605

Ion Ratio Lower Upper

75 100

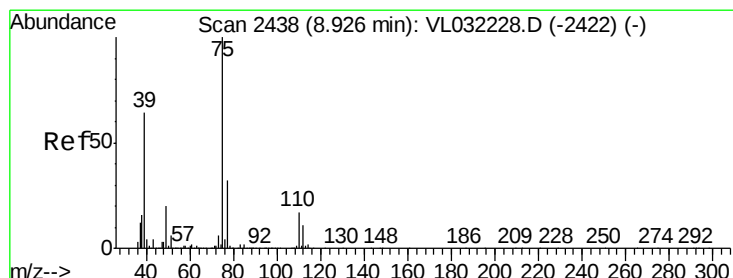
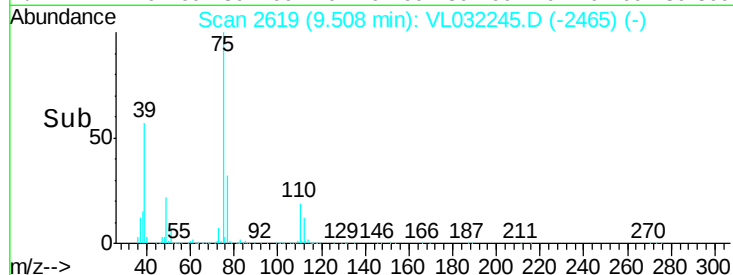
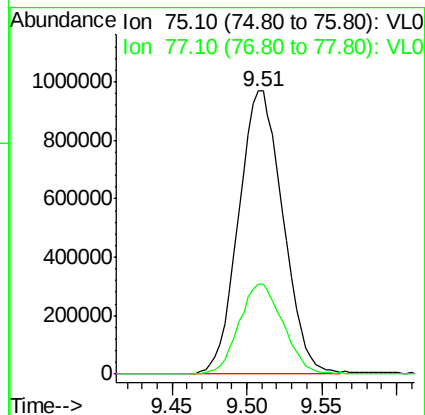
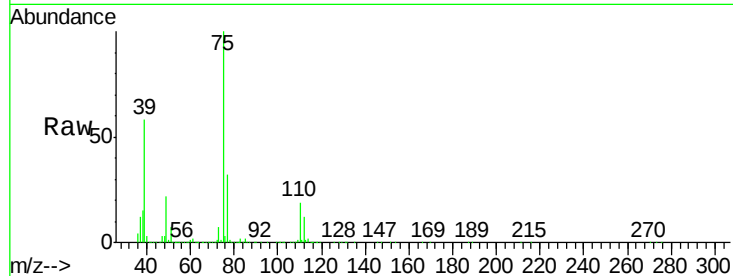
77 31.6 25.5 38.3

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#46

cis-1,3-Dichloropropene

Concen: 10.701 ppbv

RT: 8.93 min Scan# 2439

Delta R.T. 0.00 min

Lab File: VL032245.D

Acq: 13 Jul 2018 12:37

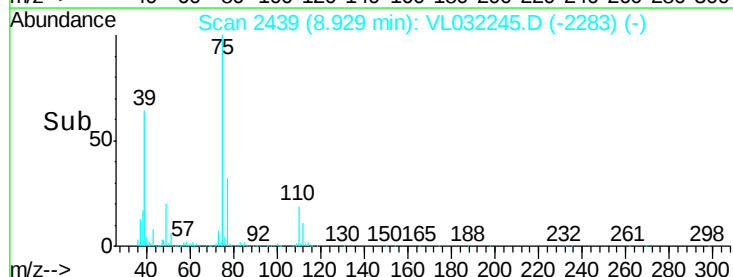
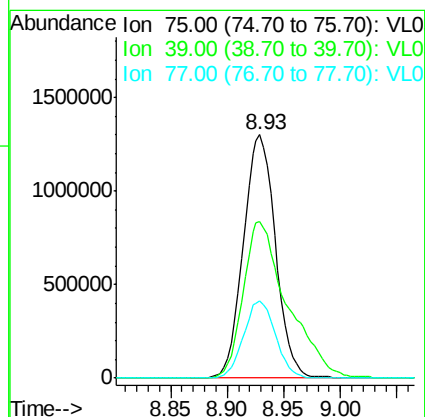
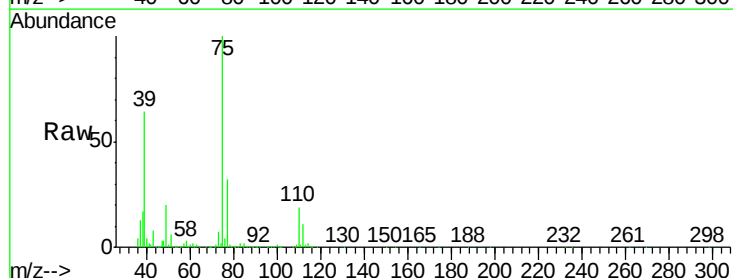
Tgt Ion: 75 Resp: 2571560

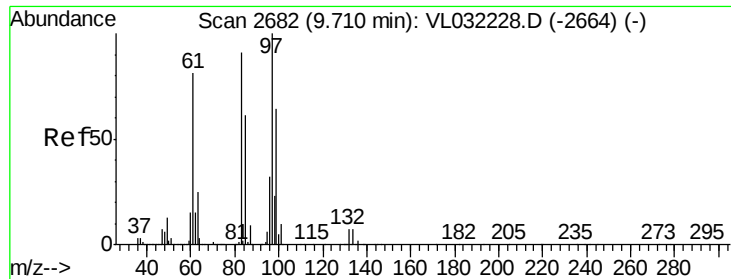
Ion Ratio Lower Upper

75 100

39 64.1 50.9 76.3

77 31.7 25.3 37.9





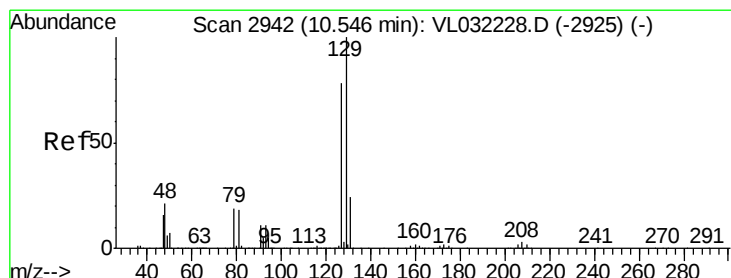
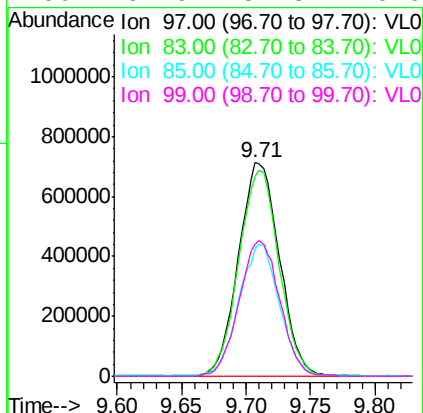
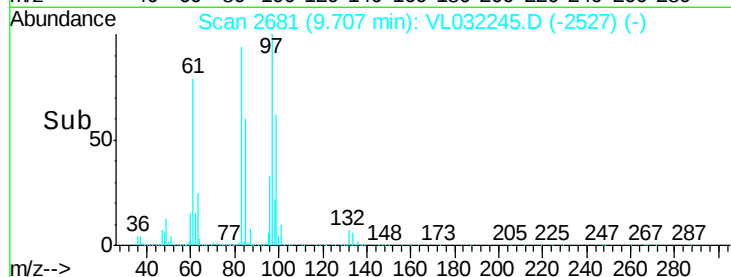
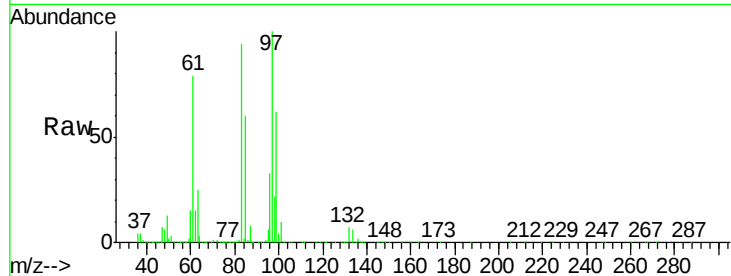
#47
 1,1,2-Trichloroethane
 Concen: 9.249 ppbv
 RT: 9.71 min Scan# 2681
 Delta R.T. -0.00 min
 Lab File: VL032245.D
 Acq: 13 Jul 2018 12:37

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL071318

Tgt Ion: 97 Resp: 1571623
 Ion Ratio Lower Upper
 97 100
 83 93.7 72.9 109.3
 85 59.5 49.3 73.9
 99 61.9 51.3 76.9

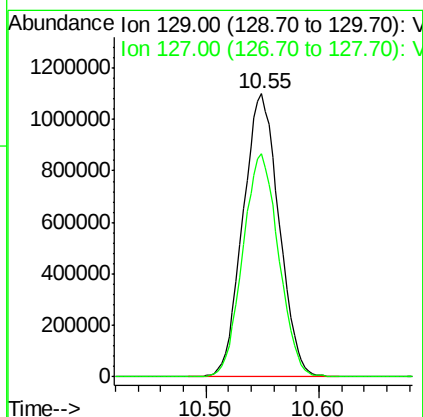
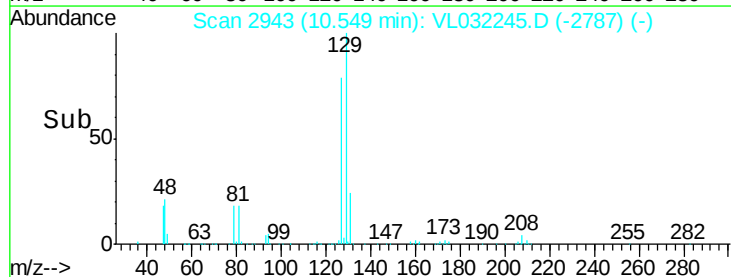
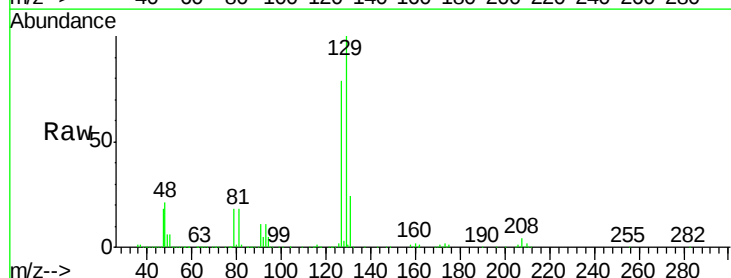
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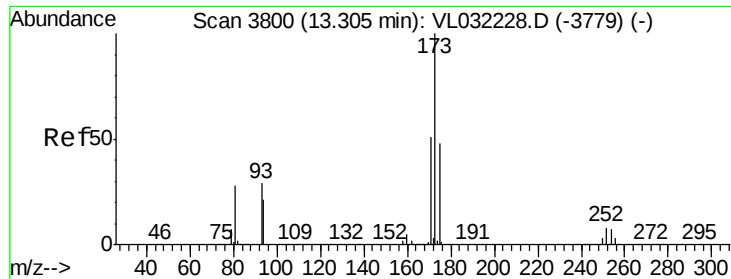
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#48
 Dibromochloromethane
 Concen: 9.634 ppbv
 RT: 10.55 min Scan# 2943
 Delta R.T. 0.00 min
 Lab File: VL032245.D
 Acq: 13 Jul 2018 12:37

Tgt Ion: 129 Resp: 2435513
 Ion Ratio Lower Upper
 129 100
 127 78.5 39.3 117.9





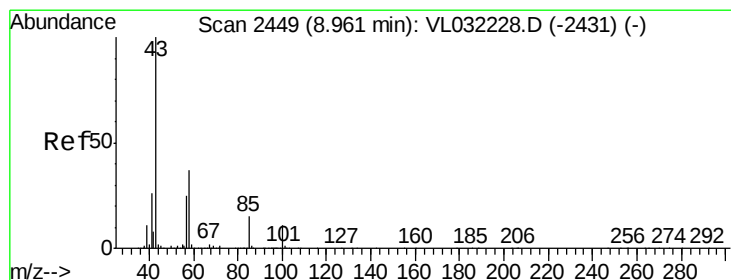
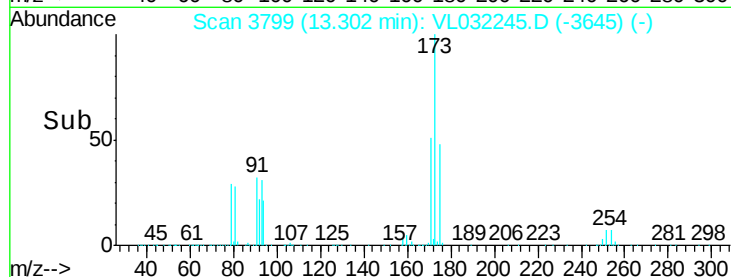
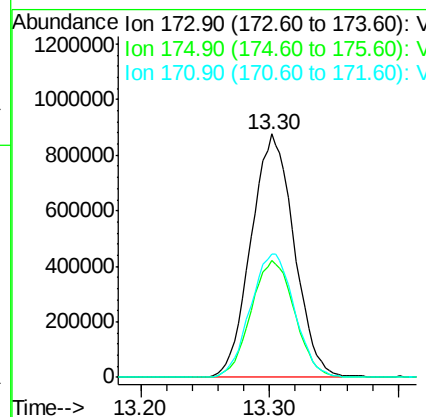
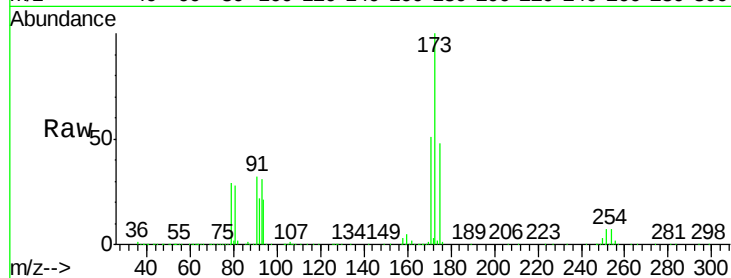
#49
Bromoform
Concen: 10.036 ppbv
RT: 13.30 min Scan# 3799
Delta R.T. -0.00 min
Lab File: VL032245.D
Acq: 13 Jul 2018 12:37

Instrument :
MSVOA_L
ClientSampleId :
ICVVL071318

Tgt Ion: 173 Resp: 2033920
Ion Ratio Lower Upper
173 100
175 48.9 39.4 59.2
171 52.1 41.8 62.6

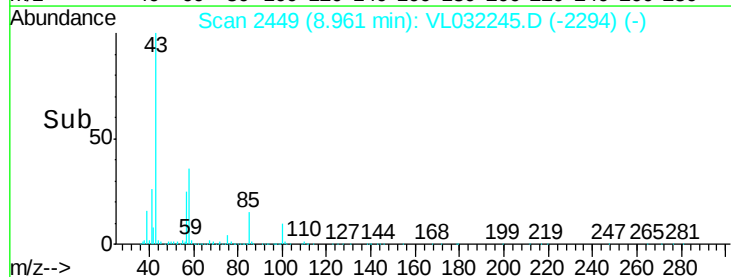
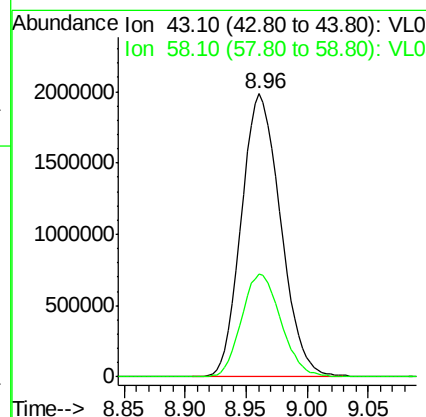
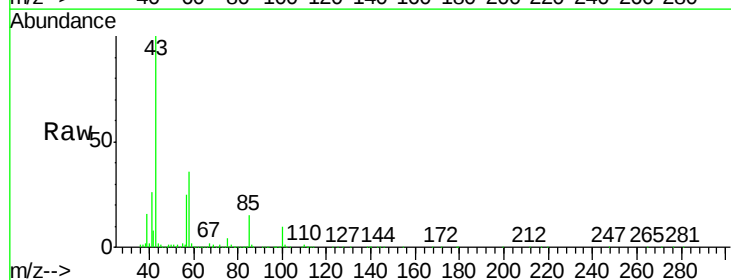
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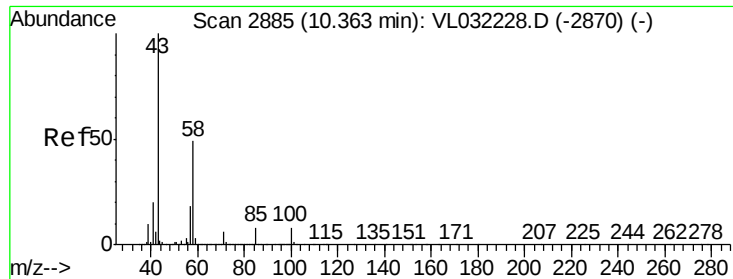
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#50
4-Methyl-2-Pentanone
Concen: 9.728 ppbv
RT: 8.96 min Scan# 2449
Delta R.T. -0.00 min
Lab File: VL032245.D
Acq: 13 Jul 2018 12:37

Tgt Ion: 43 Resp: 4416866
Ion Ratio Lower Upper
43 100
58 36.7 29.5 44.3





#51

2-Hexanone

Concen: 9.367 ppbv

RT: 10.37 min Scan# 2886

Delta R.T. 0.00 min

Lab File: VL032245.D

Acq: 13 Jul 2018 12:37

Instrument :

MSVOA_L

ClientSampleId :

ICVVL071318

Tgt Ion: 43 Resp: 3551950

Ion Ratio Lower Upper

43 100

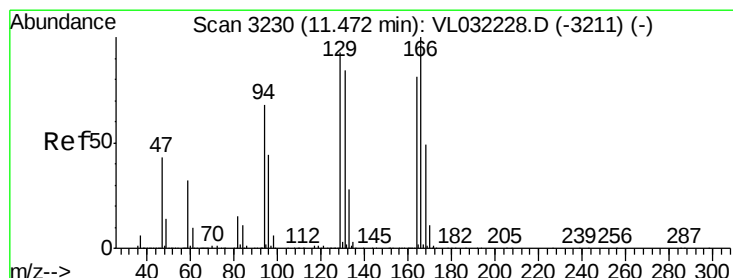
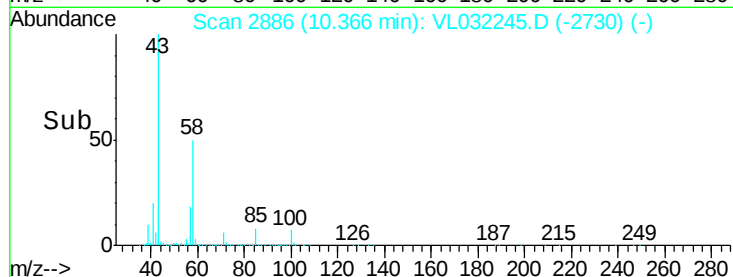
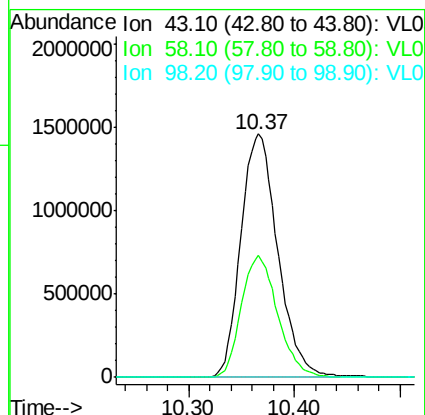
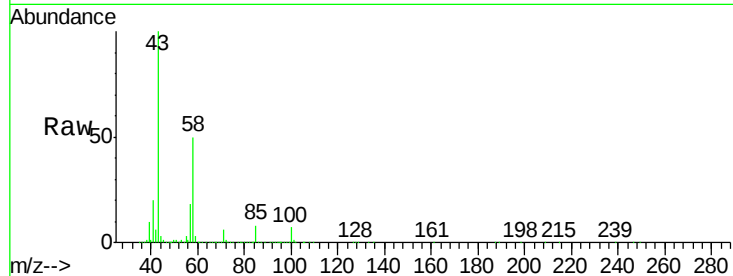
58 49.7 39.9 59.9

98 0.3 0.2 0.4

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#52

Tetrachloroethene

Concen: 8.570 ppbv

RT: 11.47 min Scan# 3229

Delta R.T. -0.00 min

Lab File: VL032245.D

Acq: 13 Jul 2018 12:37

Tgt Ion: 164 Resp: 1212239

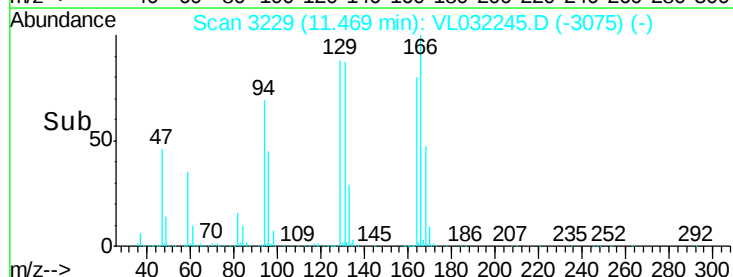
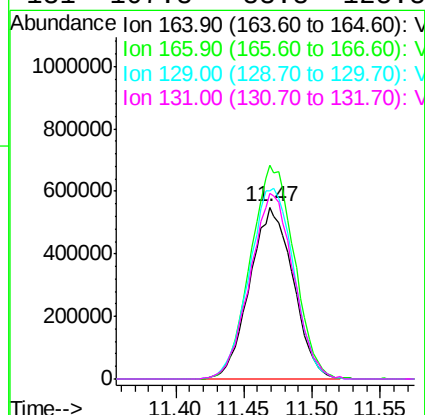
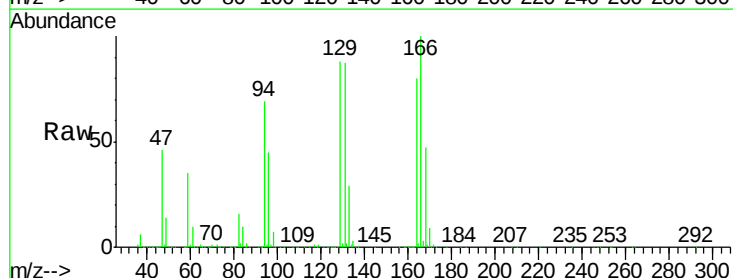
Ion Ratio Lower Upper

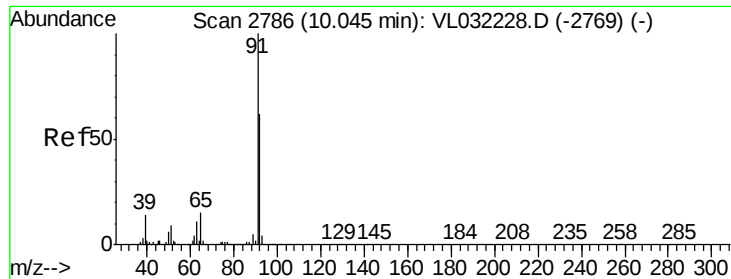
164 100

166 124.5 99.3 148.9

129 109.7 92.0 138.0

131 107.8 83.8 125.8





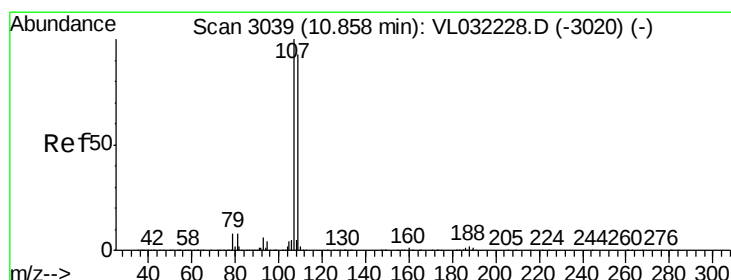
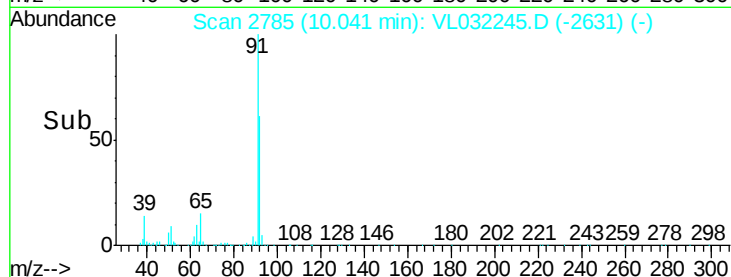
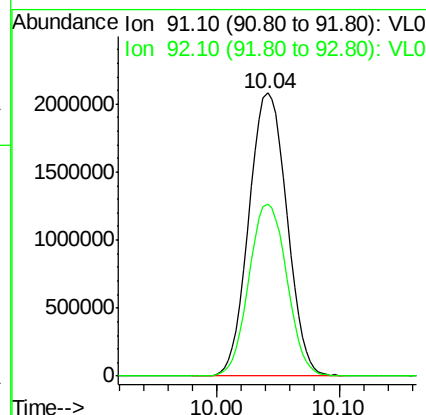
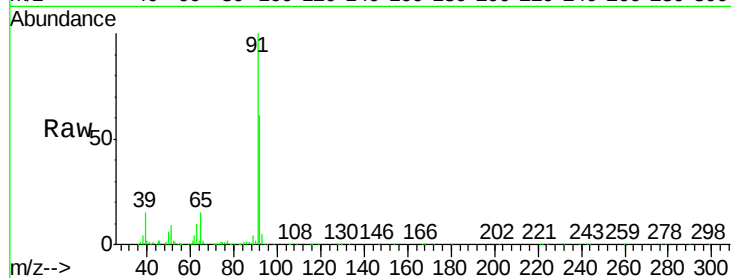
#53
Toluene
Concen: 9.916 ppbv
RT: 10.04 min Scan# 2785
Delta R.T. -0.00 min
Lab File: VL032245.D
Acq: 13 Jul 2018 12:37

Instrument :
MSVOA_L
ClientSampleId :
ICVVL071318

Tgt Ion: 91 Resp: 4488233
Ion Ratio Lower Upper
91 100
92 60.8 49.0 73.4

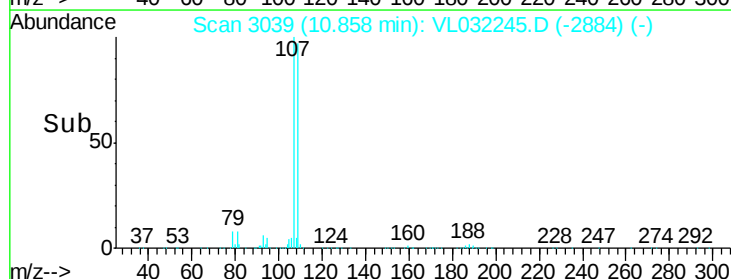
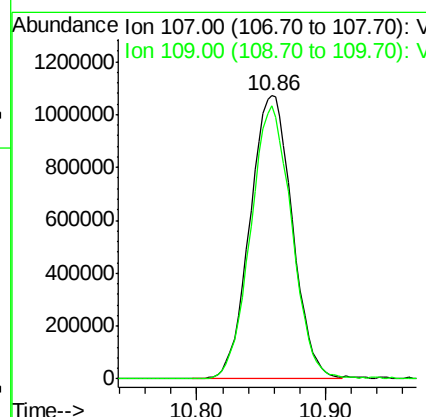
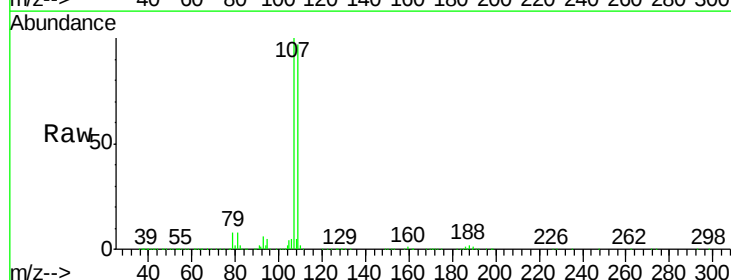
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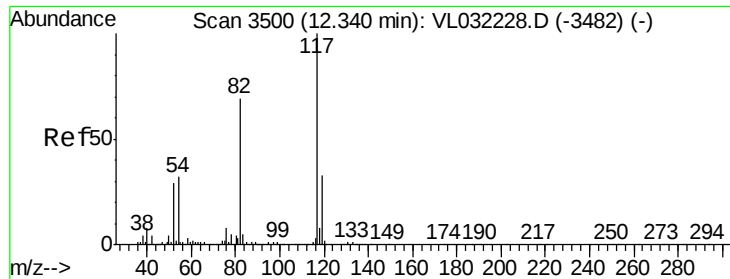
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#54
1,2-Dibromoethane
Concen: 9.746 ppbv
RT: 10.86 min Scan# 3039
Delta R.T. -0.00 min
Lab File: VL032245.D
Acq: 13 Jul 2018 12:37

Tgt Ion: 107 Resp: 2444831
Ion Ratio Lower Upper
107 100
109 96.7 74.3 111.5





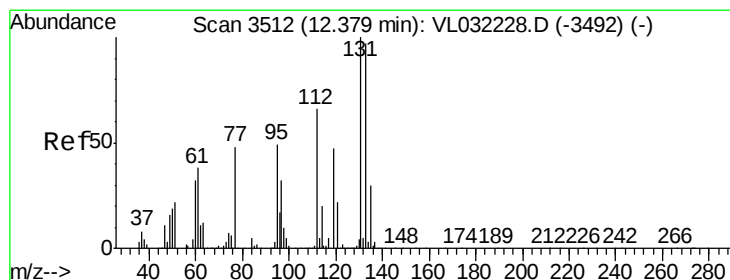
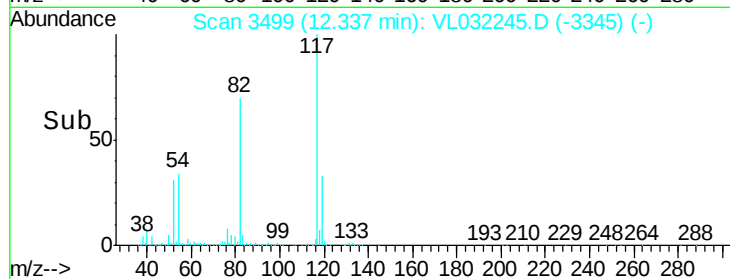
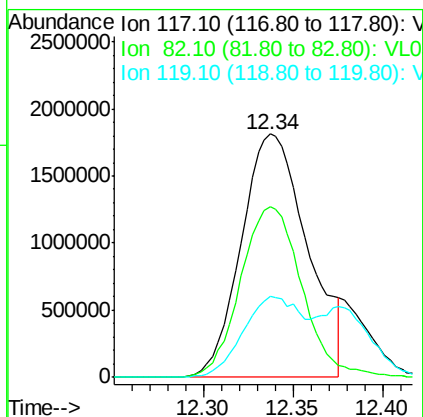
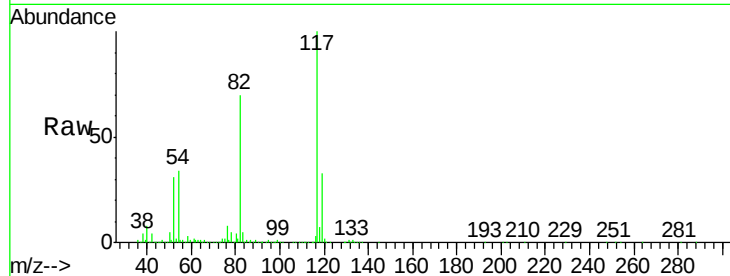
#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.34 min Scan# 3499
Delta R.T. -0.00 min
Lab File: VL032245.D
Acq: 13 Jul 2018 12:37

Instrument :
MSVOA_L
ClientSampleId :
ICVVL071318

Tgt Ion:117 Resp: 4689435
Ion Ratio Lower Upper
117 100
82 65.0 53.2 79.8
119 52.7 43.9 65.9

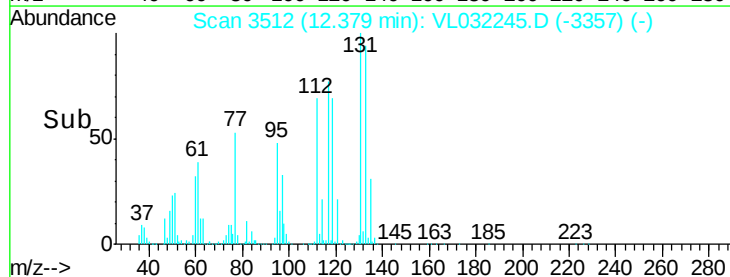
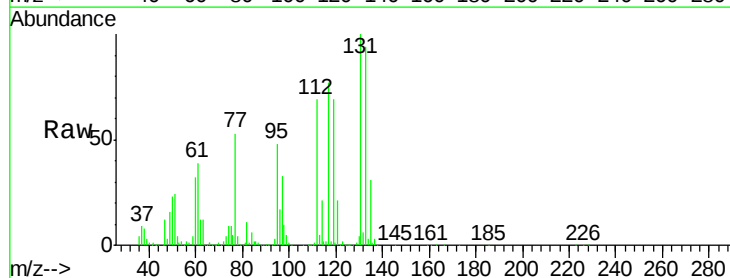
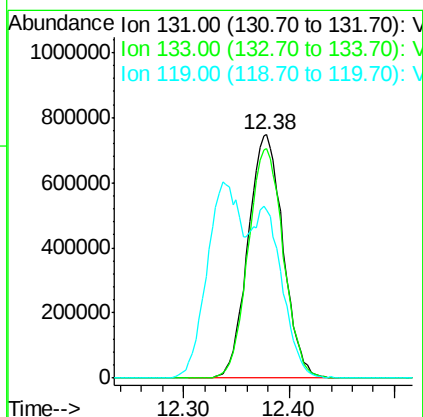
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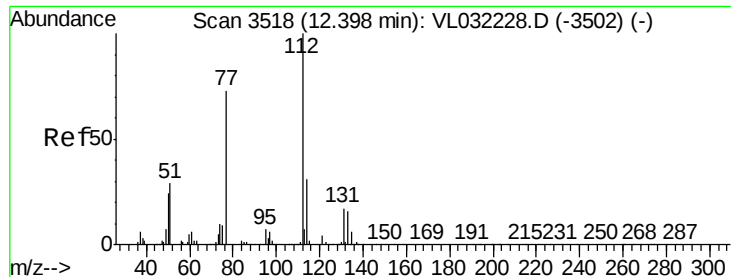
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#56
1,1,1,2-Tetrachloroethane
Concen: 8.473 ppbv
RT: 12.38 min Scan# 3512
Delta R.T. -0.00 min
Lab File: VL032245.D
Acq: 13 Jul 2018 12:37

Tgt Ion:131 Resp: 1726060
Ion Ratio Lower Upper
131 100
133 95.0 75.2 112.8
119 143.1 113.9 170.9





#57

Chlorobenzene

Concen: 8.192 ppbv

RT: 12.40 min Scan# 3519

Delta R.T. 0.00 min

Lab File: VL032245.D

Acq: 13 Jul 2018 12:37

Instrument :

MSVOA_L

ClientSampleId :

ICVVL071318

Tgt Ion: 112 Resp: 3246948

Ion Ratio Lower Upper

112 100

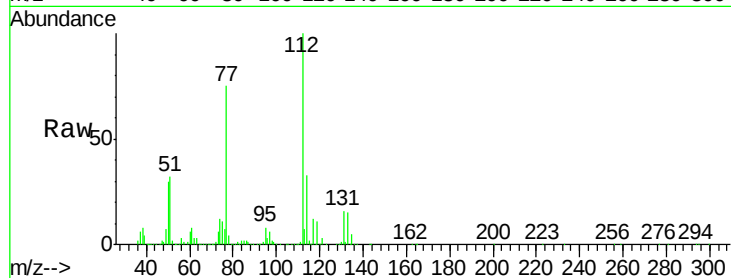
77 74.5 58.8 88.2

114 32.9 27.9 34.1

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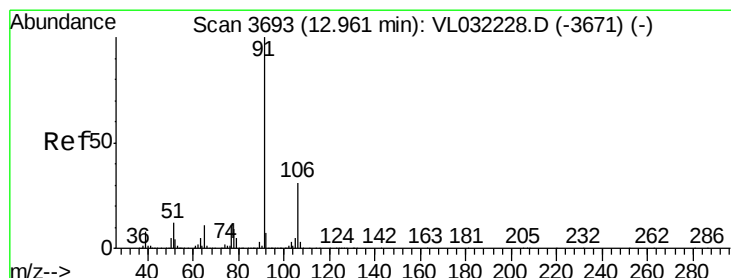
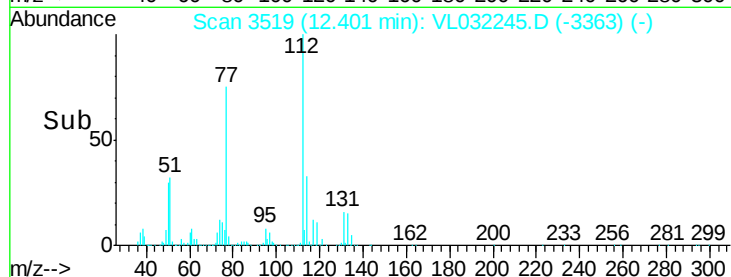
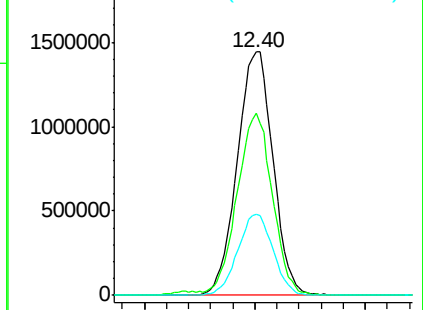
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Abundance Ion 112.10 (111.80 to 112.80): V

Ion 77.10 (76.80 to 77.80): VL0

Ion 114.10 (113.80 to 114.80): V



#58

Ethyl Benzene

Concen: 8.961 ppbv

RT: 12.96 min Scan# 3693

Delta R.T. -0.00 min

Lab File: VL032245.D

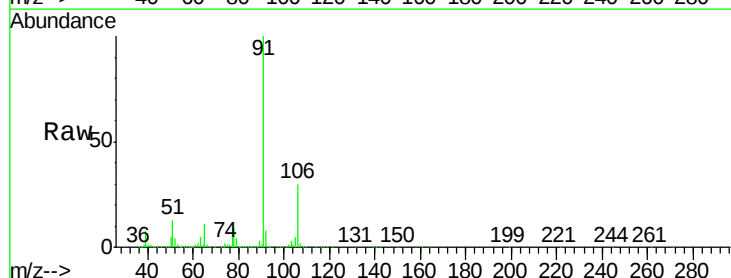
Acq: 13 Jul 2018 12:37

Tgt Ion: 91 Resp: 6118828

Ion Ratio Lower Upper

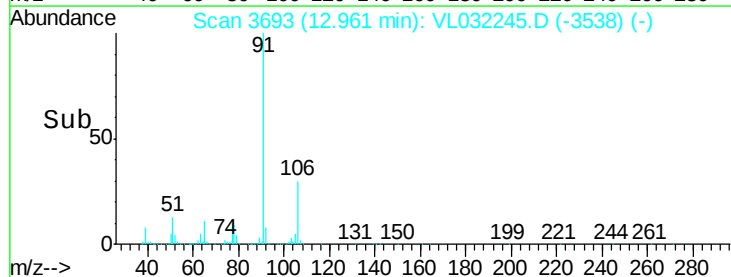
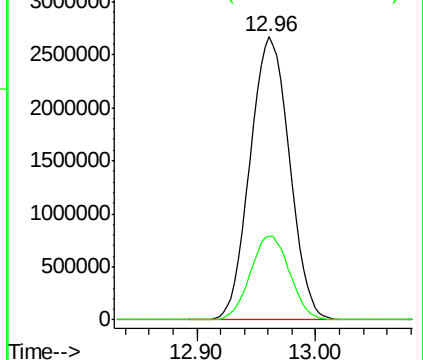
91 100

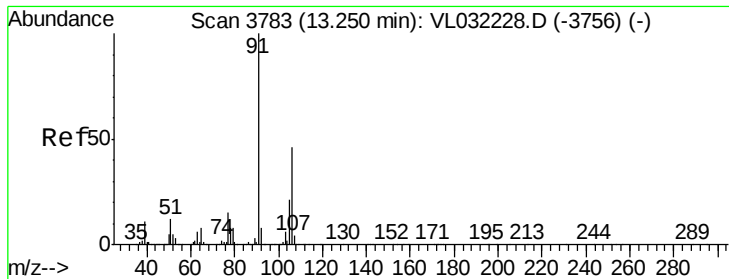
106 29.7 24.5 36.7



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V





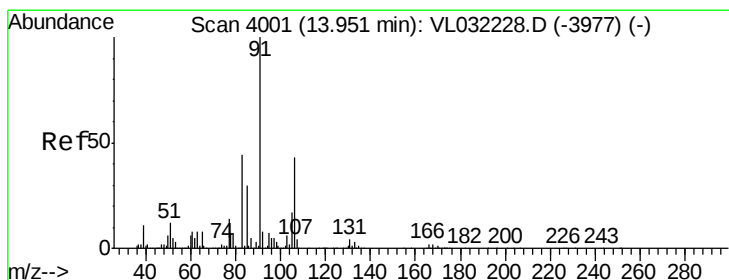
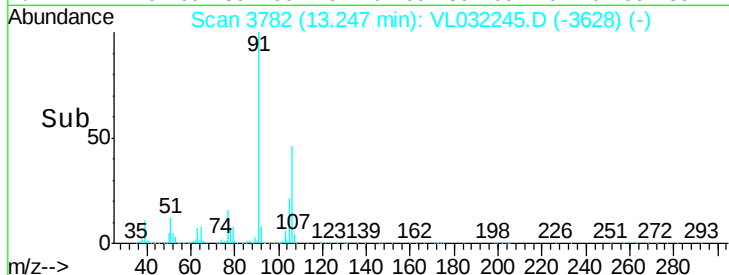
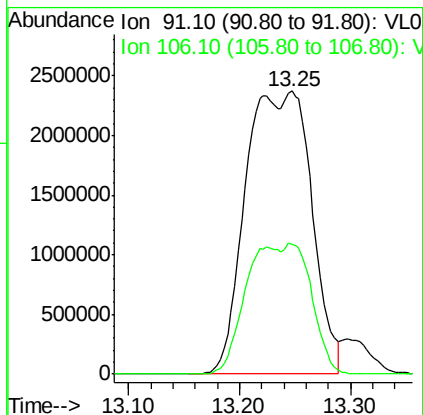
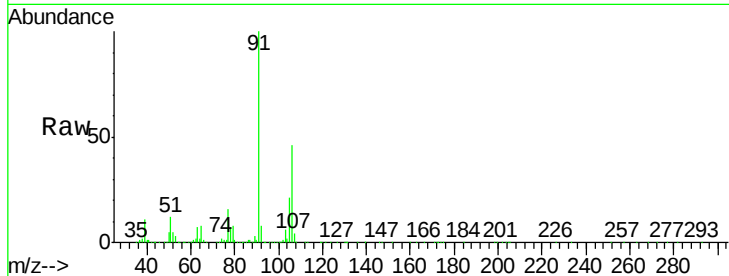
#59
m/p-Xylene
Concen: 17.347 ppbv m
RT: 13.25 min Scan# 3782
Delta R.T. -0.00 min
Lab File: VL032245.D
Acq: 13 Jul 2018 12:37

Instrument :
MSVOA_L
ClientSampleId :
ICVVL071318

Tgt Ion: 91 Resp: 9746187
Ion Ratio Lower Upper
91 100
106 45.3 36.4 54.6

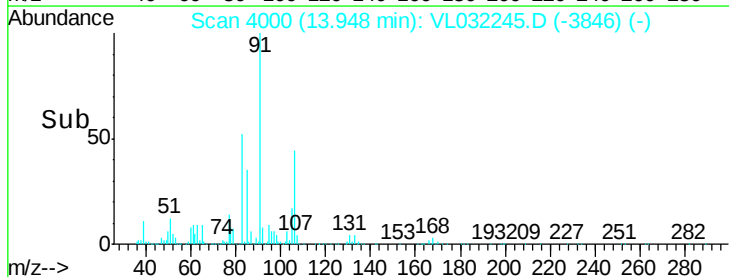
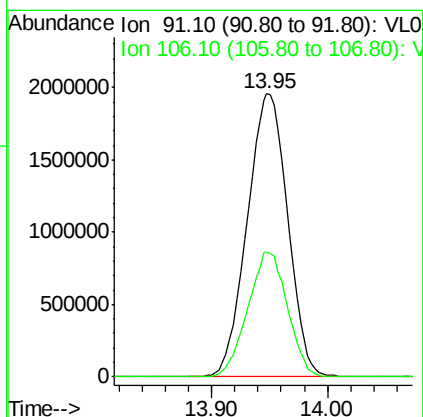
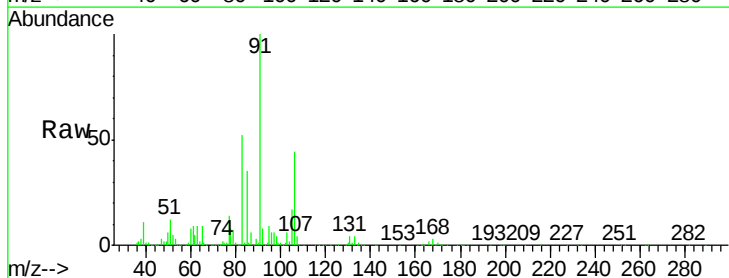
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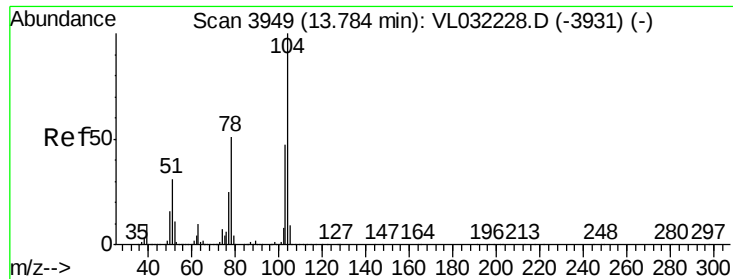
apatel
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#60
o-Xylene
Concen: 8.538 ppbv
RT: 13.95 min Scan# 4000
Delta R.T. -0.00 min
Lab File: VL032245.D
Acq: 13 Jul 2018 12:37

Tgt Ion: 91 Resp: 4733673
Ion Ratio Lower Upper
91 100
106 43.4 21.9 65.5





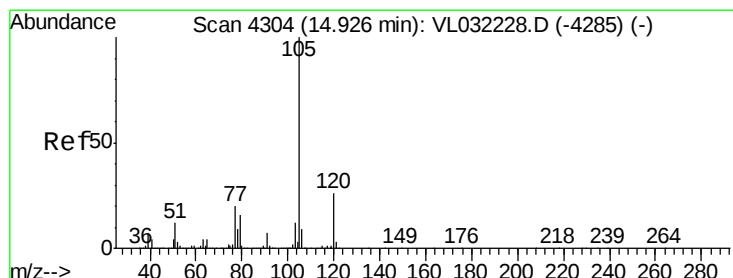
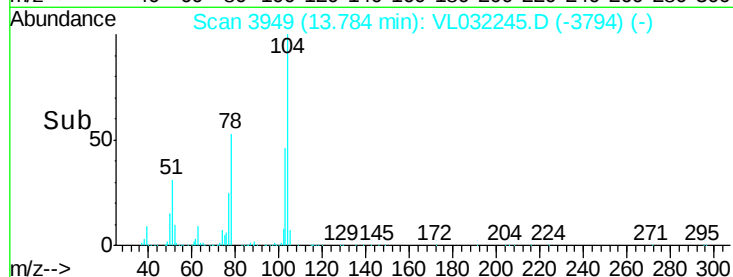
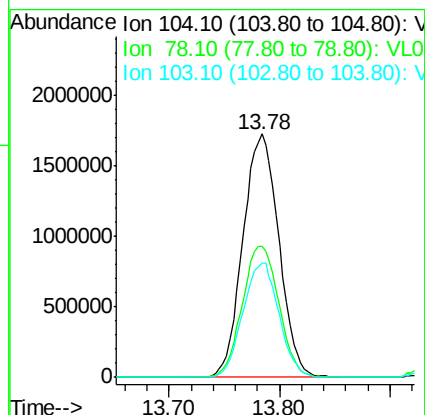
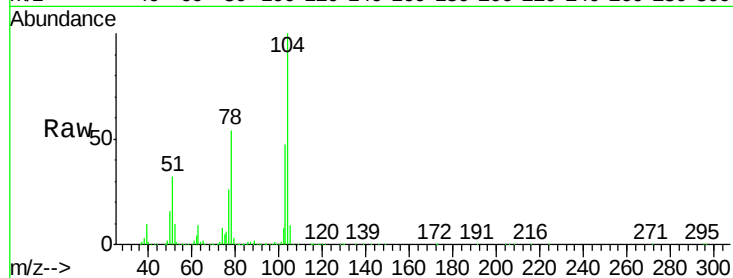
#61
Styrene
Concen: 9.374 ppbv
RT: 13.78 min Scan# 3949
Delta R.T. -0.00 min
Lab File: VL032245.D
Acq: 13 Jul 2018 12:37

Instrument :
MSVOA_L
ClientSampleId :
ICVVL071318

Tgt Ion:104 Resp: 3894102
Ion Ratio Lower Upper
104 100
78 54.9 43.4 65.0
103 47.3 38.0 57.0

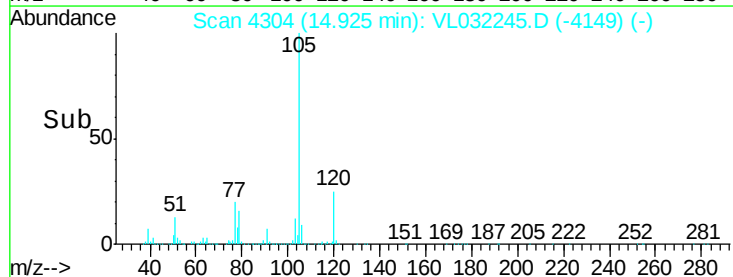
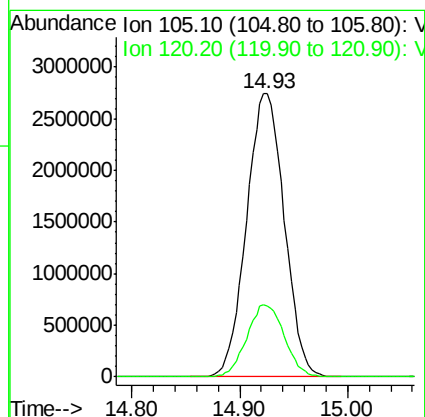
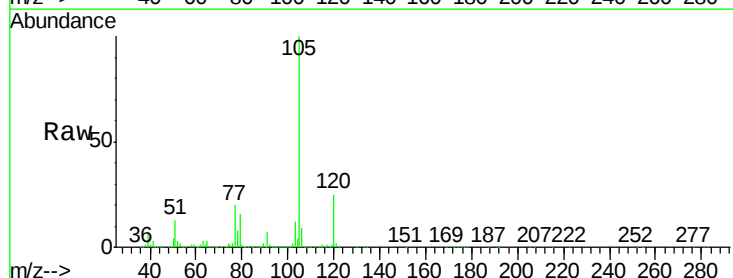
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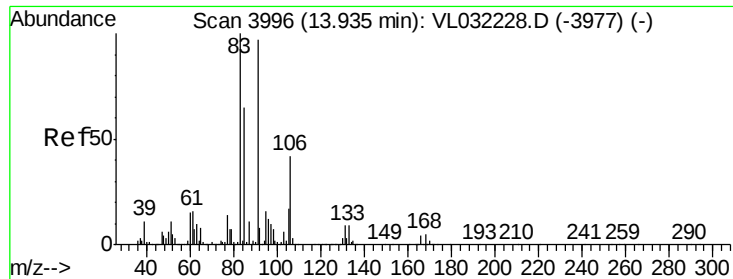
apatel
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#62
Isopropylbenzene
Concen: 8.567 ppbv
RT: 14.93 min Scan# 4304
Delta R.T. -0.00 min
Lab File: VL032245.D
Acq: 13 Jul 2018 12:37

Tgt Ion:105 Resp: 6659389
Ion Ratio Lower Upper
105 100
120 25.3 20.2 30.2





#63

1,1,2,2-Tetrachloroethane

Concen: 7.785 ppbv

RT: 13.94 min Scan# 3996

Delta R.T. -0.00 min

Lab File: VL032245.D

Acq: 13 Jul 2018 12:37

Instrument :

MSVOA_L

ClientSampleId :

ICVVL071318

Tgt Ion: 83 Resp: 3511094

Ion Ratio Lower Upper

83 100

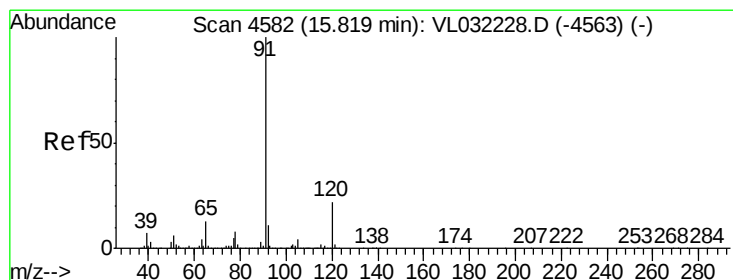
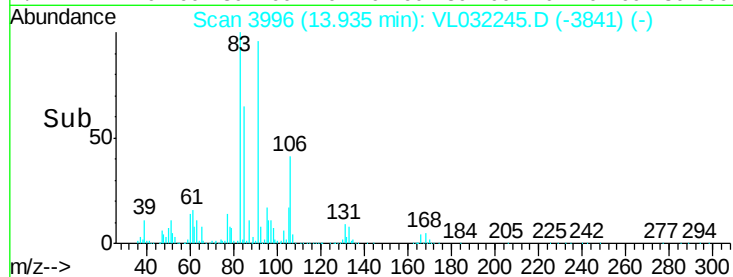
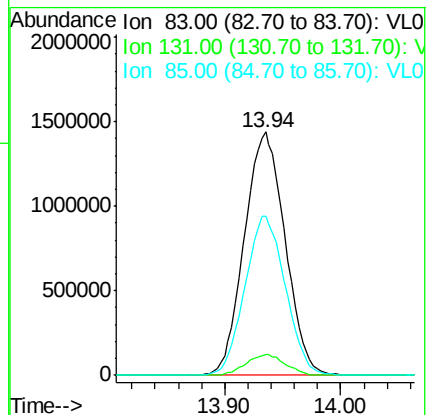
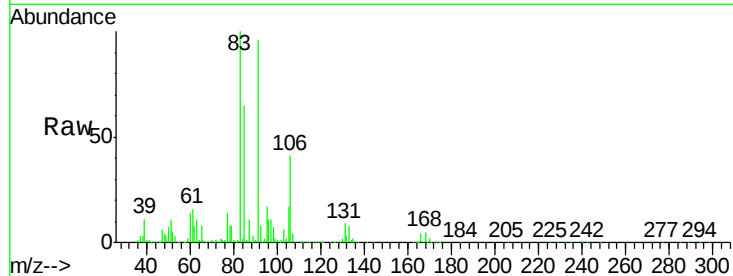
131 8.4 4.3 12.8

85 65.2 32.5 97.5

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#64

n-propylbenzene

Concen: 8.658 ppbv

RT: 15.82 min Scan# 4582

Delta R.T. -0.00 min

Lab File: VL032245.D

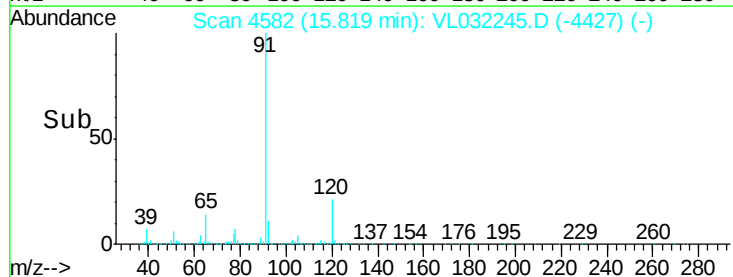
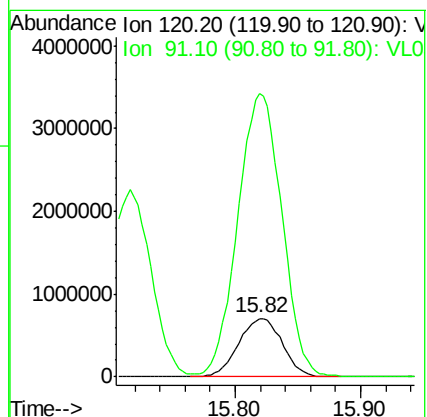
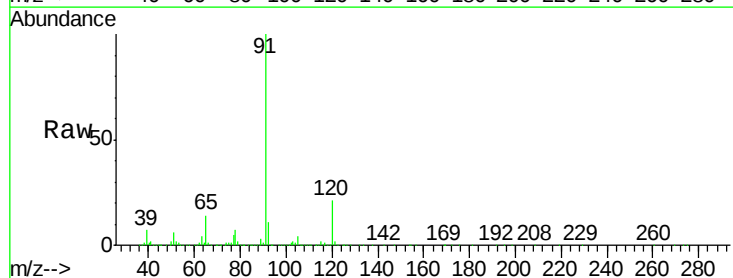
Acq: 13 Jul 2018 12:37

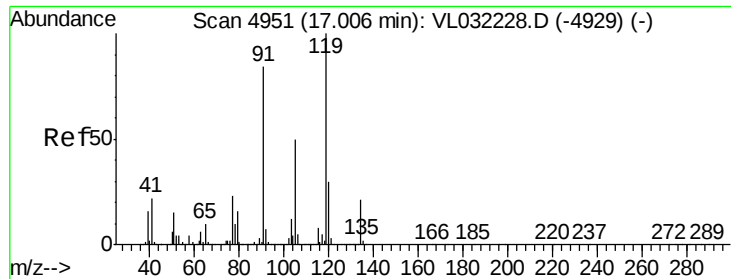
Tgt Ion: 120 Resp: 1703906

Ion Ratio Lower Upper

120 100

91 491.8 385.0 577.4





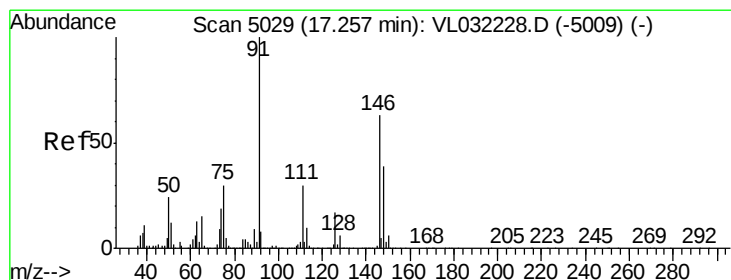
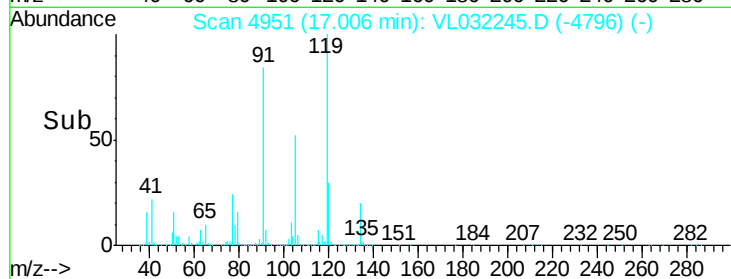
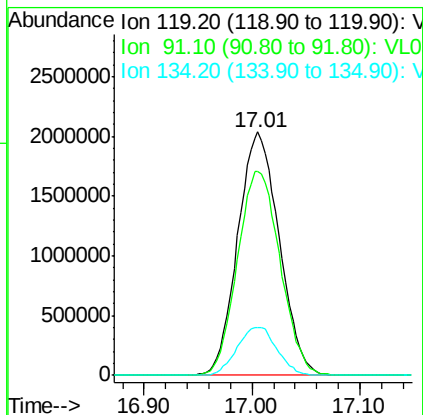
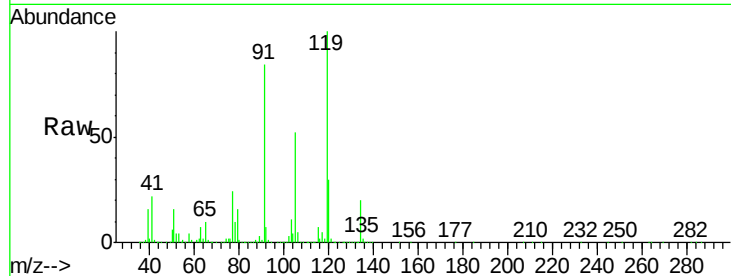
#65
tert-Butylbenzene
Concen: 8.339 ppbv
RT: 17.01 min Scan# 4951
Delta R.T. -0.00 min
Lab File: VL032245.D
Acq: 13 Jul 2018 12:37

Instrument :
MSVOA_L
ClientSampleId :
ICVVL071318

Tgt Ion: 119 Resp: 5430265
Ion Ratio Lower Upper
119 100
91 86.7 68.6 102.8
134 19.1 15.4 23.2

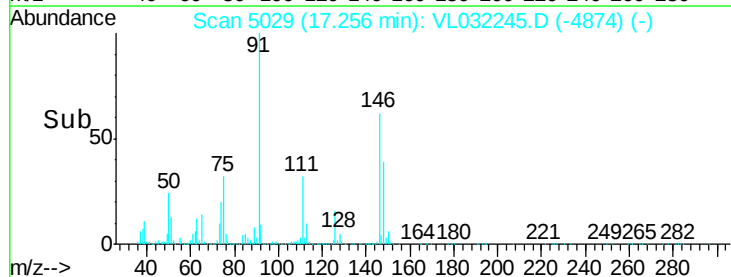
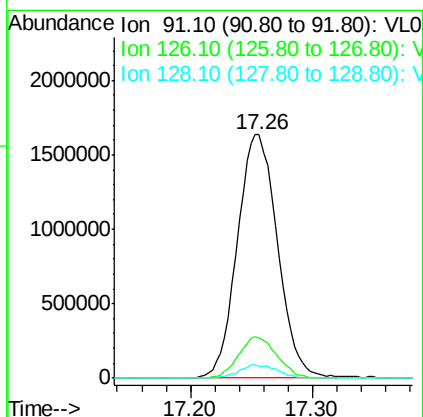
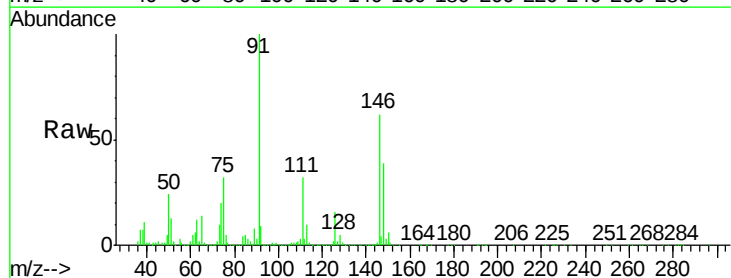
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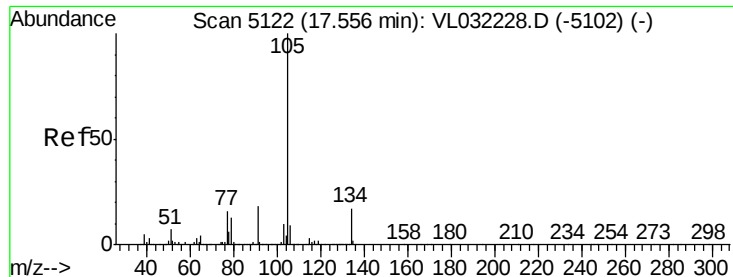
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#66
Benzyl Chloride
Concen: 11.240 ppbv
RT: 17.26 min Scan# 5029
Delta R.T. -0.00 min
Lab File: VL032245.D
Acq: 13 Jul 2018 12:37

Tgt Ion: 91 Resp: 3704311
Ion Ratio Lower Upper
91 100
126 16.5 13.4 20.0
128 5.3 4.5 6.7





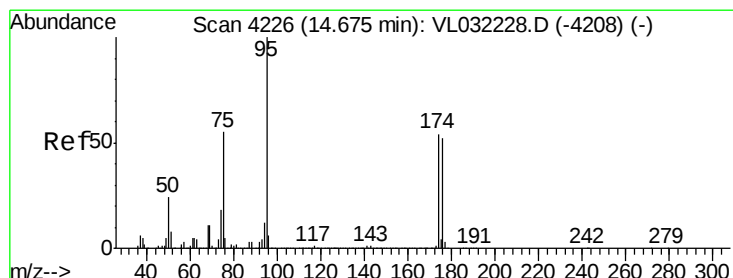
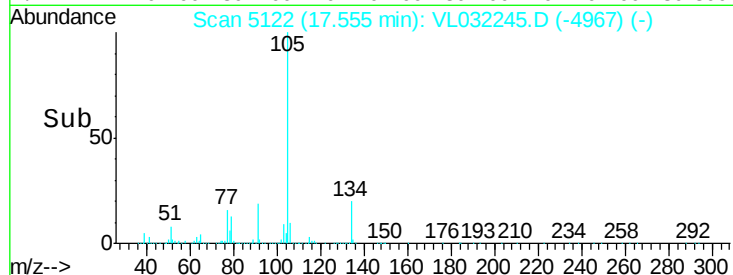
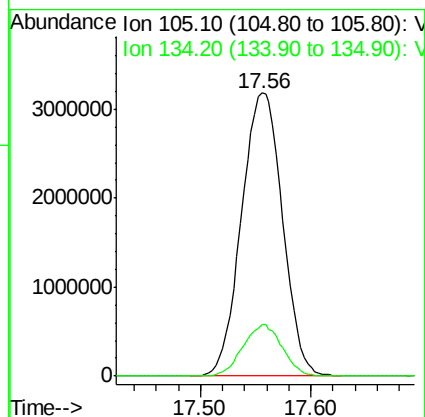
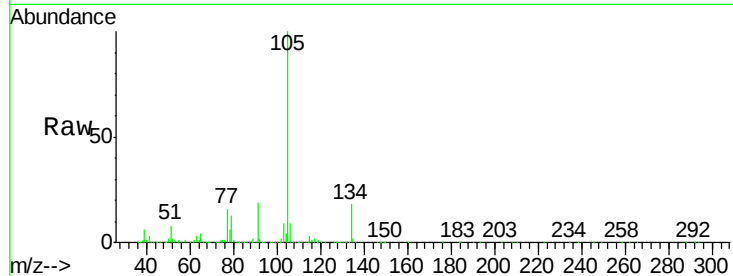
#67
 sec-Butylbenzene
 Concen: 8.608 ppbv
 RT: 17.56 min Scan# 5122
 Delta R.T. -0.00 min
 Lab File: VL032245.D
 Acq: 13 Jul 2018 12:37

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL071318

Tgt Ion: 105 Resp: 8190208
 Ion Ratio Lower Upper
 105 100
 134 17.4 14.2 21.2

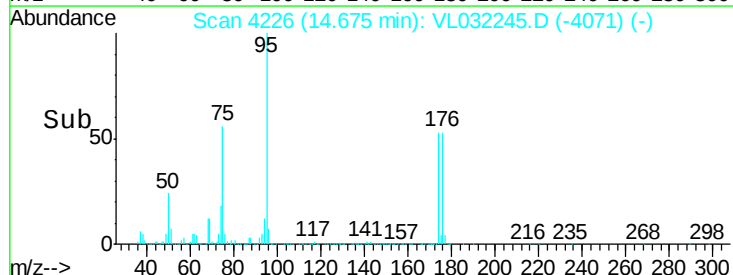
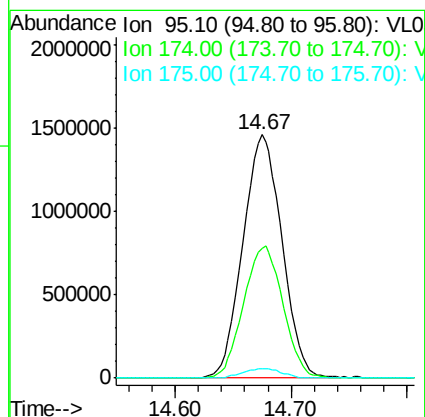
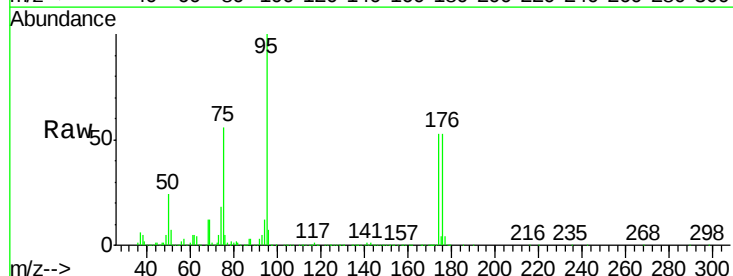
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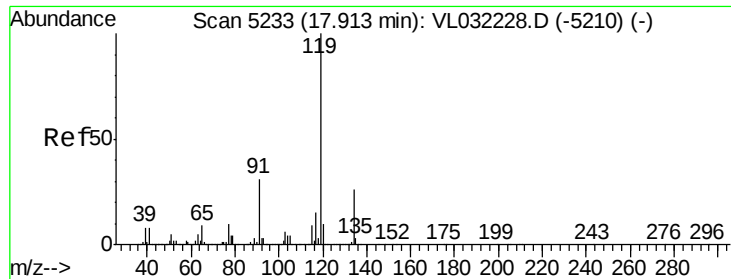
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#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.448 ppbv
 RT: 14.67 min Scan# 4226
 Delta R.T. -0.00 min
 Lab File: VL032245.D
 Acq: 13 Jul 2018 12:37

Tgt Ion: 95 Resp: 3429646
 Ion Ratio Lower Upper
 95 100
 174 55.3 44.6 67.0
 175 4.1 3.3 4.9





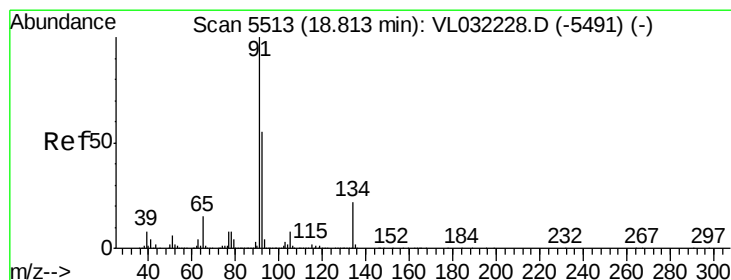
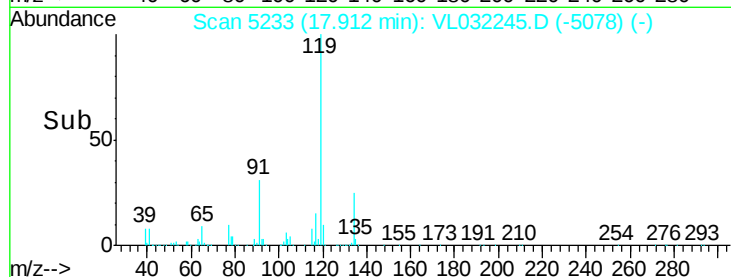
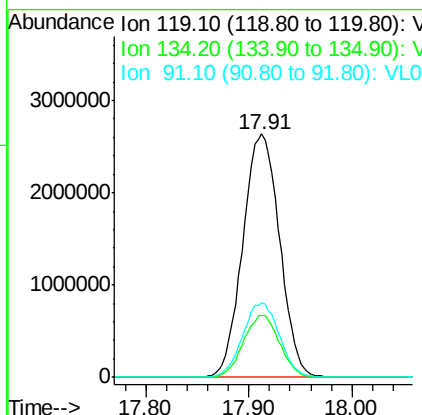
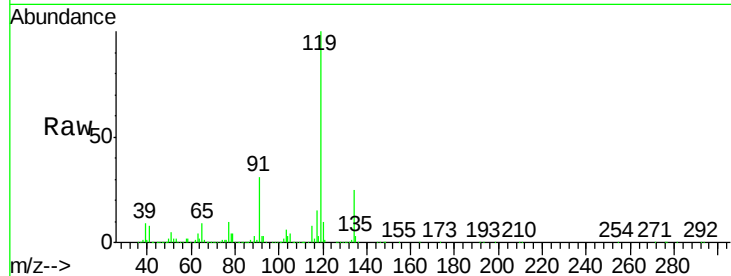
#69
p-Isopropyltoluene
Concen: 8.825 ppbv
RT: 17.91 min Scan# 5233
Delta R.T. -0.00 min
Lab File: VL032245.D
Acq: 13 Jul 2018 12:37

Instrument :
MSVOA_L
ClientSampleId :
ICVVL071318

Tgt Ion: 119 Resp: 6537953
Ion Ratio Lower Upper
119 100
134 25.1 20.1 30.1
91 30.6 24.2 36.2

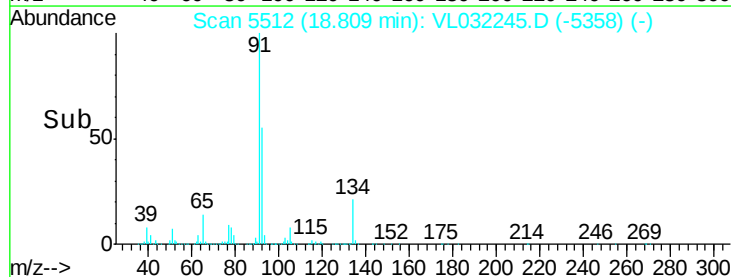
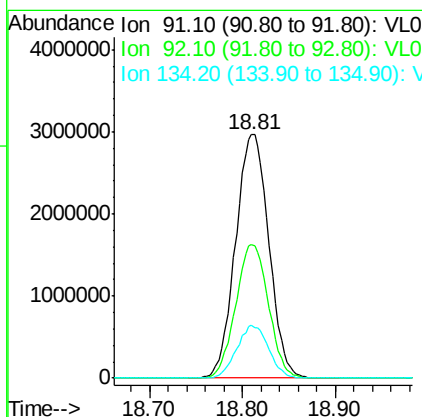
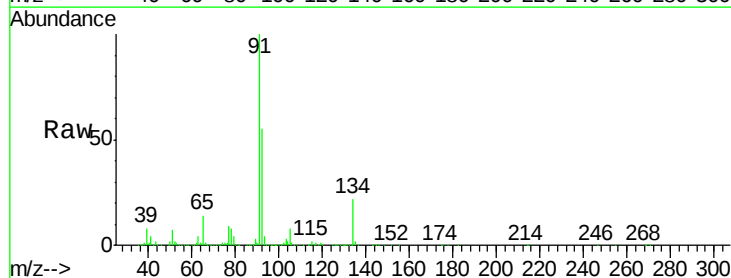
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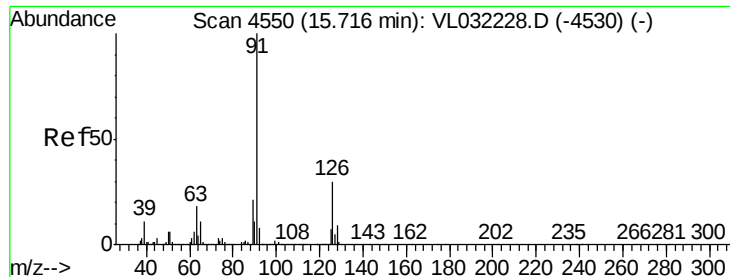
apatel
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#70
n-Butylbenzene
Concen: 8.974 ppbv
RT: 18.81 min Scan# 5512
Delta R.T. -0.00 min
Lab File: VL032245.D
Acq: 13 Jul 2018 12:37

Tgt Ion: 91 Resp: 7344560
Ion Ratio Lower Upper
91 100
92 54.2 43.6 65.4
134 20.9 17.1 25.7





#71

2-Chlorotoluene

Concen: 8.748 ppbv

RT: 15.72 min Scan# 4550

Delta R.T. -0.00 min

Lab File: VL032245.D

Acq: 13 Jul 2018 12:37

Instrument :

MSVOA_L

ClientSampleId :

ICVVL071318

Tgt Ion: 91 Resp: 5351931

Ion Ratio Lower Upper

91 100

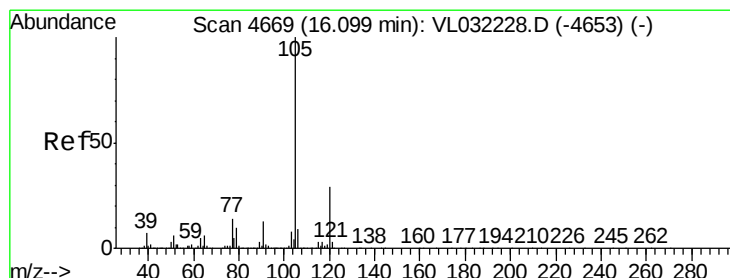
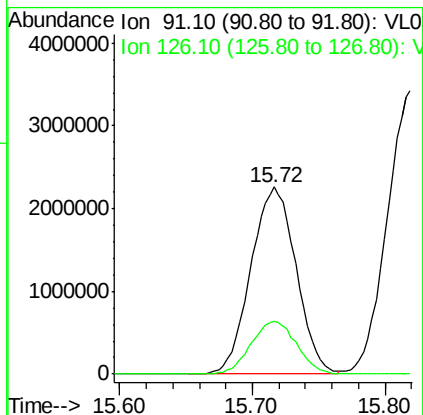
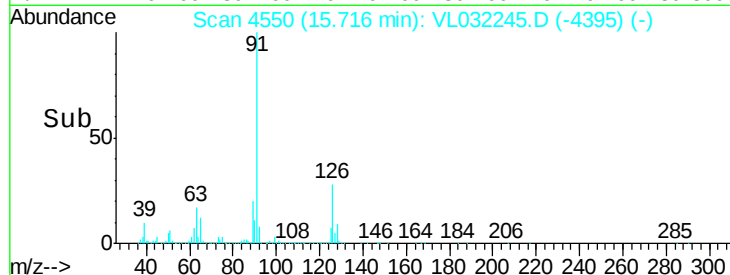
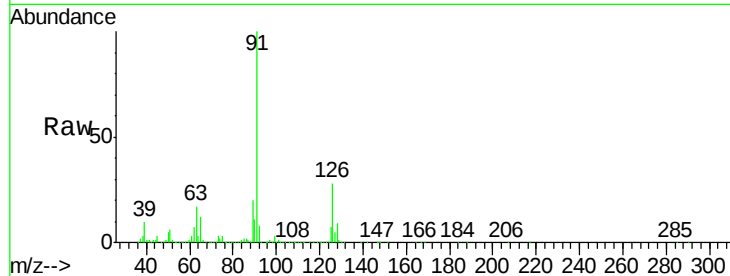
126 28.6 11.7 46.7

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#72

4-Ethyltoluene

Concen: 9.123 ppbv

RT: 16.10 min Scan# 4669

Delta R.T. -0.00 min

Lab File: VL032245.D

Acq: 13 Jul 2018 12:37

Tgt Ion: 105 Resp: 5675601

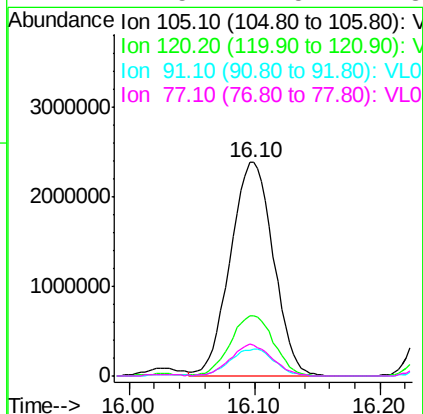
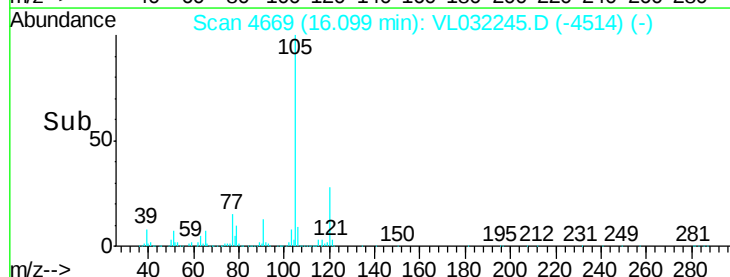
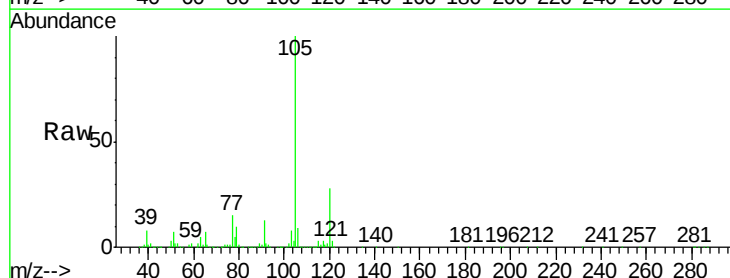
Ion Ratio Lower Upper

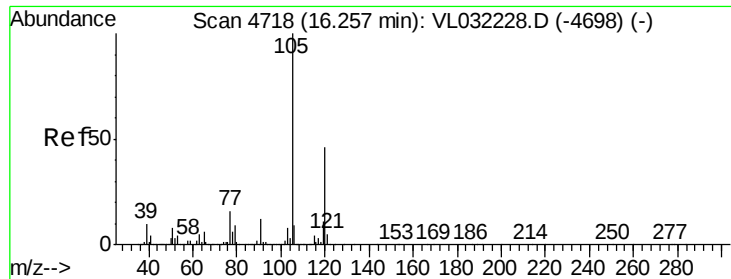
105 100

120 28.5 23.3 34.9

91 12.8 10.3 15.5

77 14.5 11.5 17.3





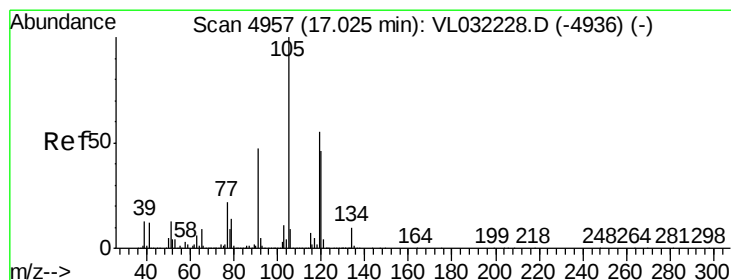
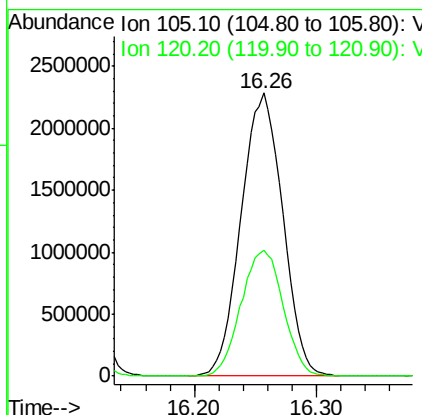
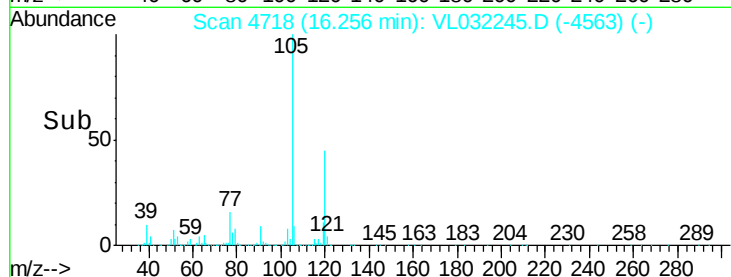
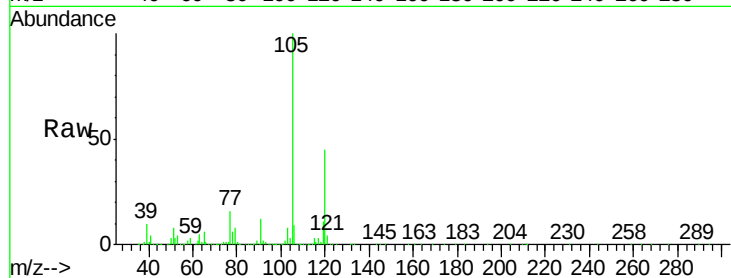
#73
 1,3,5-Trimethylbenzene
 Concen: 9.279 ppbv
 RT: 16.26 min Scan# 4718
 Delta R.T. -0.00 min
 Lab File: VL032245.D
 Acq: 13 Jul 2018 12:37

Instrument :
 MSVOA_L
 ClientSampled :
 ICVVL071318

Tgt Ion:105 Resp: 5367201
 Ion Ratio Lower Upper
 105 100
 120 44.6 36.6 54.8

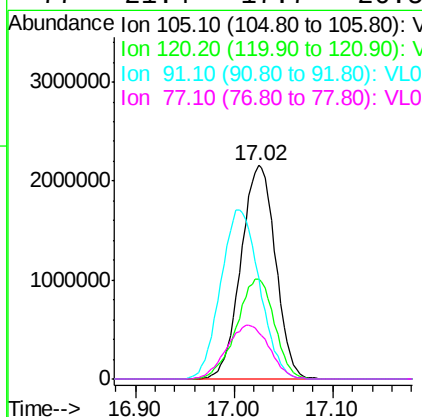
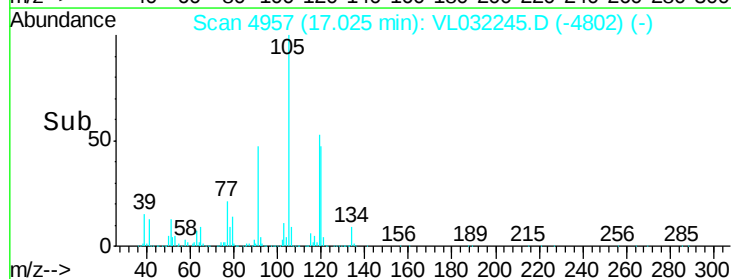
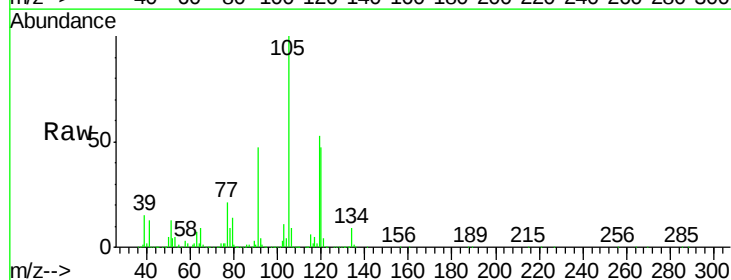
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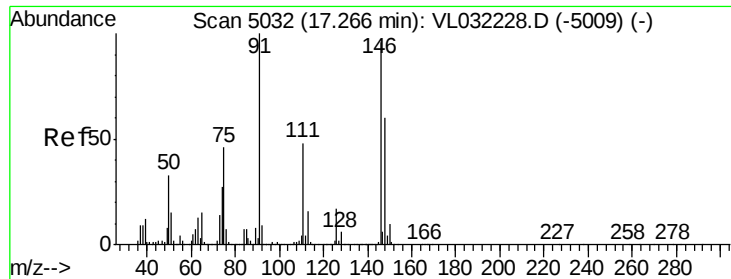
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#74
 1,2,4-Trimethylbenzene
 Concen: 8.829 ppbv
 RT: 17.02 min Scan# 4957
 Delta R.T. -0.00 min
 Lab File: VL032245.D
 Acq: 13 Jul 2018 12:37

Tgt Ion:105 Resp: 5222286
 Ion Ratio Lower Upper
 105 100
 120 46.8 37.0 55.4
 91 47.3 38.2 57.2
 77 21.4 17.7 26.5





#75

1,3-Dichlorobenzene

Concen: 8.150 ppbv

RT: 17.27 min Scan# 5032

Delta R.T. -0.00 min

Lab File: VL032245.D

Acq: 13 Jul 2018 12:37

Instrument :

MSVOA_L

ClientSampleId :

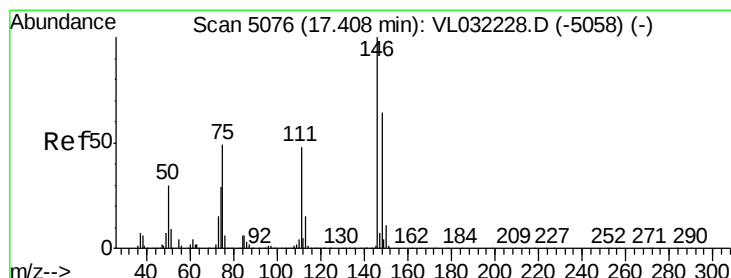
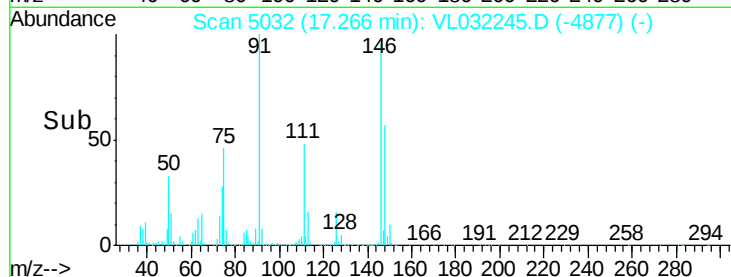
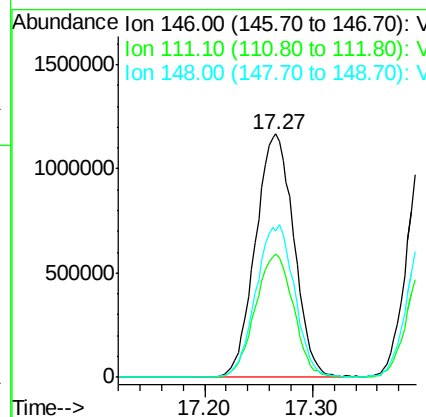
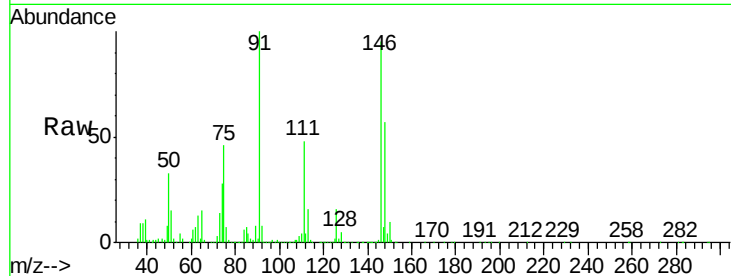
ICVVL071318

Tgt Ion:146 Resp: 2875632

Ion	Ratio	Lower	Upper
146	100		
111	50.4	24.9	74.7
148	63.1	31.9	95.5

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#76

1,4-Dichlorobenzene

Concen: 8.530 ppbv

RT: 17.41 min Scan# 5076

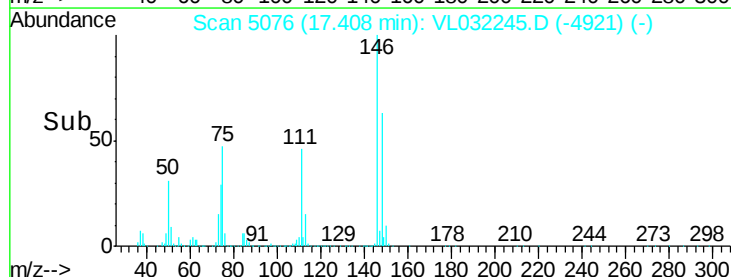
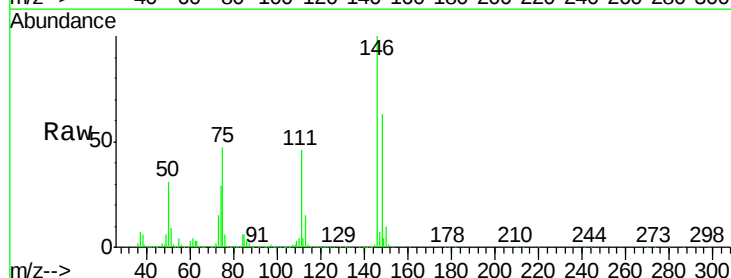
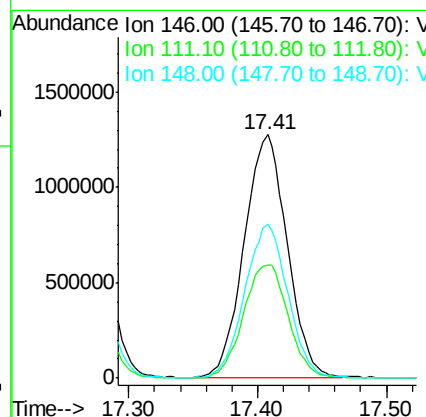
Delta R.T. -0.00 min

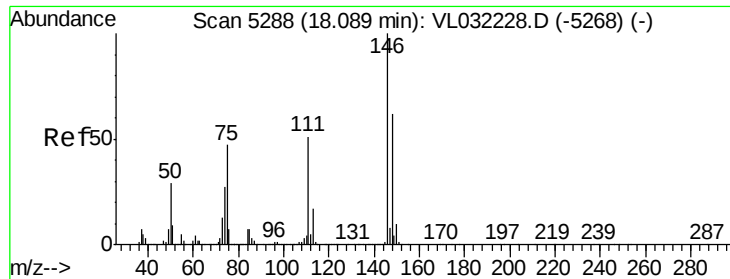
Lab File: VL032245.D

Acq: 13 Jul 2018 12:37

Tgt Ion:146 Resp: 2947787

Ion	Ratio	Lower	Upper
146	100		
111	48.7	24.6	73.6
148	64.0	32.3	96.9





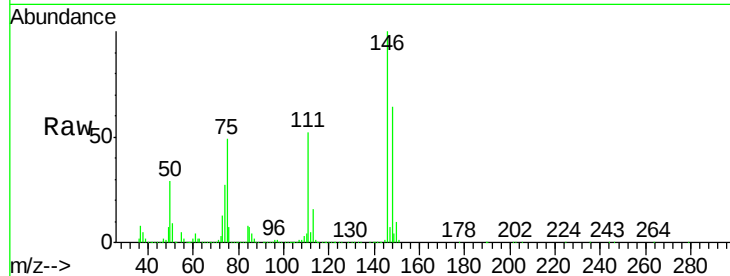
#77
 1,2-Dichlorobenzene
 Concen: 8.229 ppbv
 RT: 18.09 min Scan# 5287
 Delta R.T. -0.00 min
 Lab File: VL032245.D
 Acq: 13 Jul 2018 12:37

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL071318

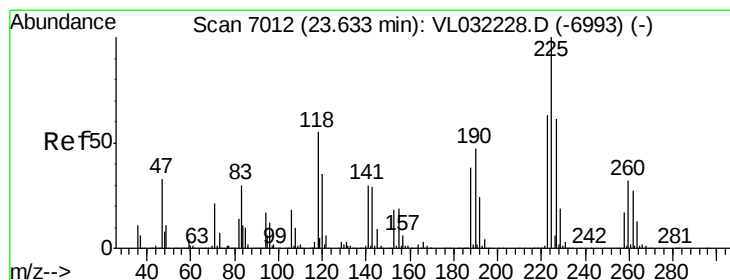
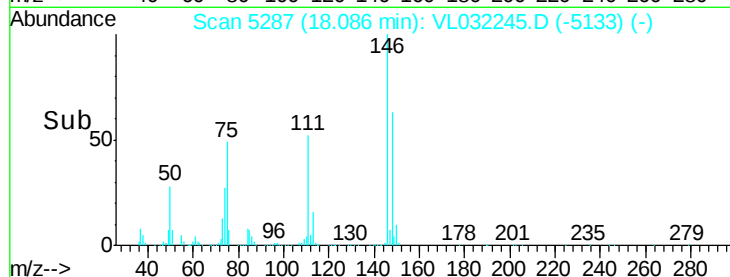
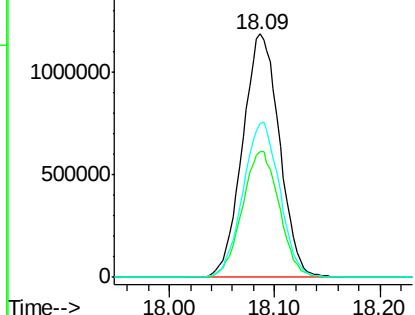
Tgt Ion:146 Resp: 2885652
 Ion Ratio Lower Upper
 146 100
 111 51.9 26.1 78.3
 148 63.7 32.0 96.0

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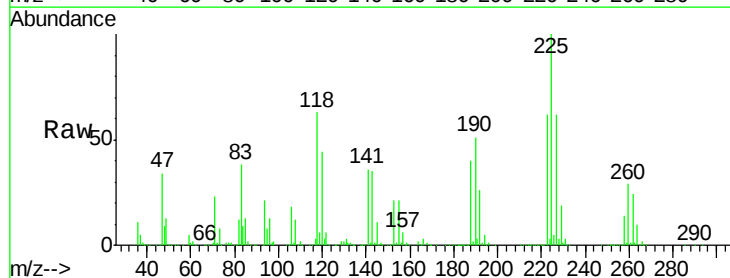


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.10 (110.80 to 111.80): V
 Ion 148.00 (147.70 to 148.70): V

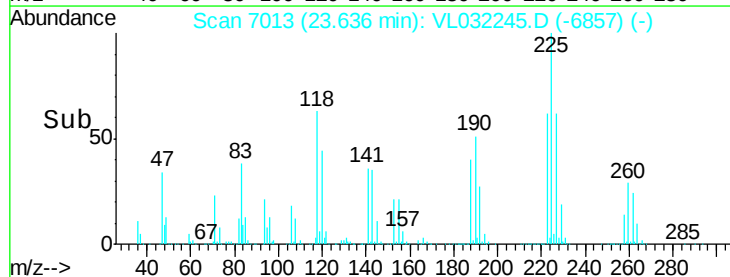
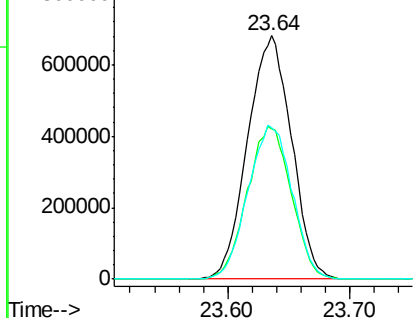


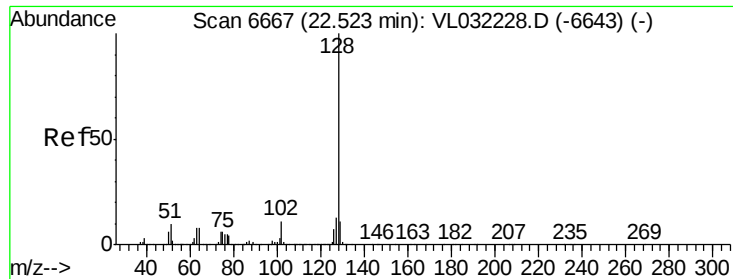
#78
 Hexachloro-1,3-Butadiene
 Concen: 15.559 ppbv
 RT: 23.64 min Scan# 7013
 Delta R.T. 0.00 min
 Lab File: VL032245.D
 Acq: 13 Jul 2018 12:37

Tgt Ion:225 Resp: 1700495
 Ion Ratio Lower Upper
 225 100
 223 62.9 50.3 75.5
 227 63.6 50.9 76.3



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





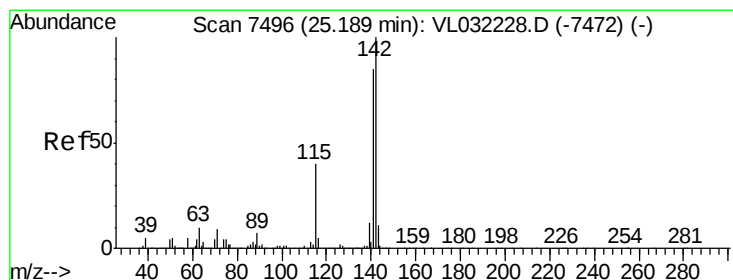
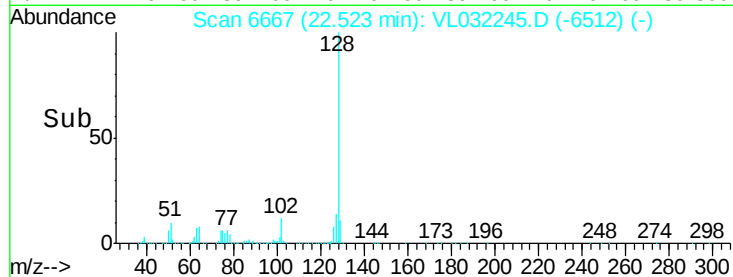
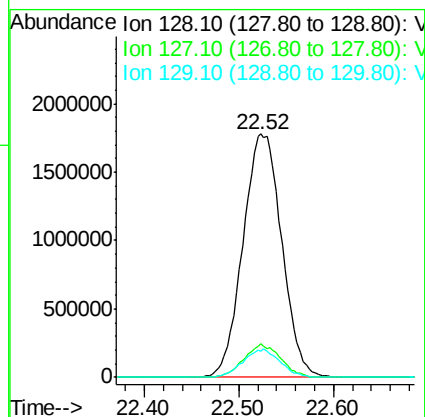
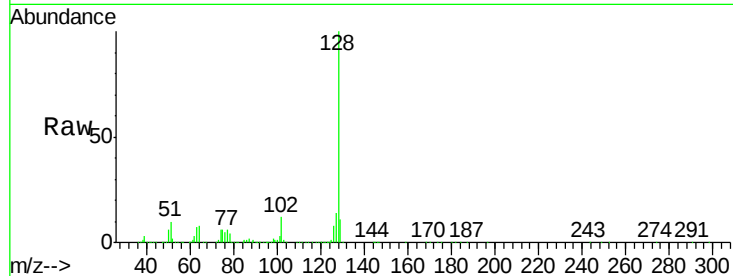
#79
Naphthalene
Concen: 12.750 ppbv
RT: 22.52 min Scan# 6667
Delta R.T. -0.00 min
Lab File: VL032245.D
Acq: 13 Jul 2018 12:37

Instrument :
MSVOA_L
ClientSampleId :
ICVVL071318

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.0	15.0
129	10.9	9.0	13.4

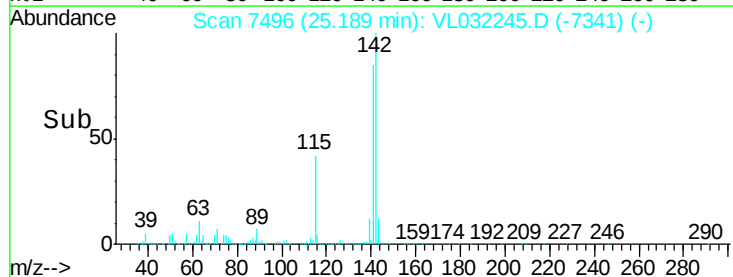
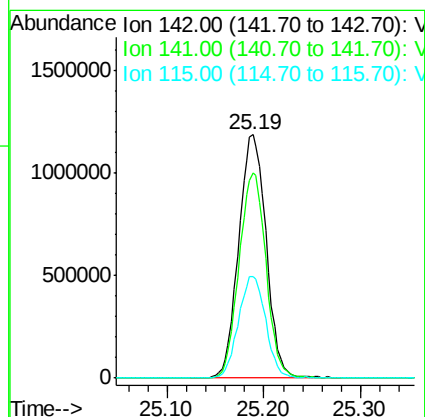
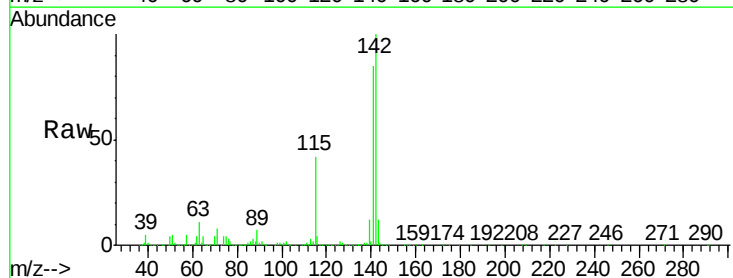
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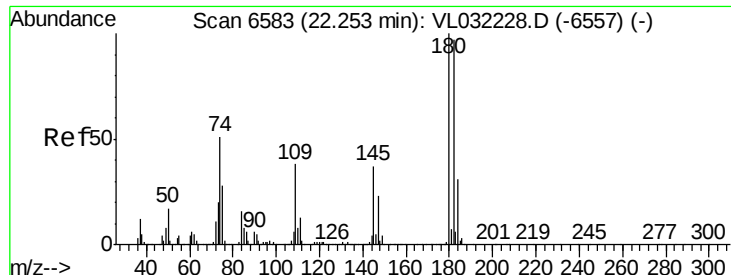
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#80
Naphthalene, 2-methyl-
Concen: 18.508 ppbv
RT: 25.19 min Scan# 7496
Delta R.T. -0.00 min
Lab File: VL032245.D
Acq: 13 Jul 2018 12:37

Tgt Ion	Ratio	Lower	Upper
142	100		
141	83.0	67.0	100.6
115	41.7	32.6	49.0





#81
 1,2,4-Trichlorobenzene
 Concen: 11.576 ppbv
 RT: 22.25 min Scan# 6582
 Delta R.T. -0.00 min
 Lab File: VL032245.D
 Acq: 13 Jul 2018 12:37

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL071318

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	76.1	114.1
184	30.1	24.2	36.4

Manual Integrations
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