

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL092418\
 Data File : VL032514.D
 Acq On : 24 Sep 2018 16:26
 Operator : SY/AP
 Sample : VSTDICCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Manual Integrations
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 9/26/2018 4:47:00 PM

Quant Time: Sep 24 18:31:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL092418AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Sep 24
 QLast Update : Fri Sep 21 02:39:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.79	49	1578732	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.32	114	3645194	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.27	117	3787060m	10.00	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.61	95	2799485	9.96	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.09	85	1290799	6.392	ppbv	100
3) Chlorodifluoromethane	3.03	51	1196461	8.372	ppbv	100
4) Chloromethane	3.19	50	702123	8.114	ppbv	98
5) Vinyl Chloride	3.31	62	682119	7.987	ppbv	99
6) Bromomethane	3.53	94	419370	9.354	ppbv	98
7) Chloroethane	3.62	64	254331	8.603	ppbv	97
8) Dichlorotetrafluoroethane	3.24	85	1436116	8.013	ppbv	100
9) Propene	3.05	41	567878	9.851	ppbv	99
10) Heptane	8.28	43	2219784	10.733	ppbv	100
11) Trichlorofluoromethane	4.03	101	1515145	8.321	ppbv	98
12) 1,1,2-Trichlorotrifluoroet	4.58	101	1266820	10.267	ppbv	100
13) Ethanol	3.67	45	146207	8.136	ppbv	99
14) Bromoethene	3.81	108	488371	9.342	ppbv	100
15) Acetone	3.92	43	1189697	8.368	ppbv	99
16) 1,3-Butadiene	3.38	39	552949	8.265	ppbv	98
17) tert-Butyl alcohol	4.38	59	146678	6.704	ppbv #	100
18) 1,1-Dichloroethene	4.37	96	628753	11.150	ppbv	97
19) Isopropyl Alcohol	4.04	45	917046	9.833	ppbv #	98
20) Methylene Chloride	4.43	84	553504	10.210	ppbv	96
21) Allyl Chloride	4.50	41	1094443	11.590	ppbv	99
22) trans-1,2-Dichloroethene	4.99	96	591712	9.670	ppbv	100
23) Vinyl Acetate	5.18	43	2629629	11.159	ppbv	99
24) 1,1-Dichloroethane	5.12	63	1906503	9.819	ppbv	99
25) Ethyl Acetate	5.80	43	3215767	9.578	ppbv	100
26) Hexane	5.81	57	1473794	9.804	ppbv	98
27) Carbon Disulfide	4.64	76	1596260	11.503	ppbv	100
28) Methyl tert-Butyl Ether	5.14	73	1981809	10.737	ppbv	99
29) Chloroform	5.88	83	2116679	9.235	ppbv	98
30) Cyclohexane	7.28	84	1325246	12.039	ppbv	100
31) cis-1,2-Dichloroethene	5.67	61	1512530	11.112	ppbv	98
32) 1,1,1-Trichloroethane	6.65	97	2283735	10.689	ppbv	99
34) 2-Butanone	5.35	43	2193451	9.059	ppbv	99
35) Carbon Tetrachloride	7.16	117	2299498	9.386	ppbv	99
36) Benzene	7.04	78	2987618	9.631	ppbv	100
37) 1,2-Dichloroethane	6.44	62	1689550	8.888	ppbv	100
38) Trichloroethene	7.99	130	1115129	9.463	ppbv	99
39) 1,2-Dichloropropane	7.77	63	1331648	10.033	ppbv	96
40) 1,4-Dioxane	7.98	88	405009	10.171	ppbv #	1
41) Tetrahydrofuran	6.18	42	1294255	9.819	ppbv	99
42) Bromodichloromethane	7.95	83	2578927	9.836	ppbv	95
43) Methyl Methacrylate	8.17	69	1344476	10.216	ppbv	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

44) 2,2,4-Trimethylpentane	8.03	57	5726508	9.548	ppbv	99
45) t-1,3-Dichloropropene	9.45	75	1898079	13.478	ppbv	96
46) cis-1,3-Dichloropropene	8.87	75	2078143	11.548	ppbv	98
47) 1,1,2-Trichloroethane	9.65	97	1417883	10.048	ppbv	99
48) Dibromochloromethane	10.48	129	2324666	11.895	ppbv	100
49) Bromoform	13.24	173	1787232	10.521	ppbv	100
50) 4-Methyl-2-Pentanone	8.90	43	3552566	9.740	ppbv	100
51) 2-Hexanone	10.30	43	3151451	13.414	ppbv #	100
52) Tetrachloroethene	11.41	164	1005658	10.455	ppbv	99
53) Toluene	9.98	91	3986756	12.295	ppbv	99
54) 1,2-Dibromoethane	10.79	107	2144520	11.319	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.32	131	1543671	9.041	ppbv #	60
57) Chlorobenzene	12.34	112	2750412	9.087	ppbv	99
58) Ethyl Benzene	12.90	91	4925674	10.869	ppbv	99
59) m/p-Xylene	13.18	91	8116082m	20.087	ppbv	
60) o-Xylene	13.88	91	3919495	9.876	ppbv	99
61) Styrene	13.72	104	2982404	11.607	ppbv	99
62) Isopropylbenzene	14.86	105	5577384	9.997	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.87	83	2984639	8.411	ppbv	100
64) n-propylbenzene	15.76	120	1452912	9.961	ppbv	99
65) tert-Butylbenzene	16.94	119	4641842	9.655	ppbv	100
66) Benzyl Chloride	17.19	91	2993606	11.177	ppbv	100
67) sec-Butylbenzene	17.49	105	6896186	9.538	ppbv	99
69) p-Isopropyltoluene	17.85	119	5507299	9.828	ppbv	100
70) n-Butylbenzene	18.75	91	6051700	9.527	ppbv	99
71) 2-Chlorotoluene	15.65	91	4398191	10.319	ppbv	99
72) 4-Ethyltoluene	16.03	105	4567145	10.540	ppbv	100
73) 1,3,5-Trimethylbenzene	16.19	105	4361620	10.047	ppbv	97
74) 1,2,4-Trimethylbenzene	16.96	105	4322532	9.108	ppbv	96
75) 1,3-Dichlorobenzene	17.20	146	2442212	8.672	ppbv	100
76) 1,4-Dichlorobenzene	17.34	146	2475015	9.472	ppbv	100
77) 1,2-Dichlorobenzene	18.02	146	2415077	8.889	ppbv	100
78) Hexachloro-1,3-Butadiene	23.57	225	811002	7.989	ppbv	100
79) Naphthalene	22.45	128	4056752	10.511	ppbv	100
80) Naphthalene, 2-methyl-	25.14	142	1536155	14.959	ppbv	99
81) 1,2,4-Trichlorobenzene	22.17	180	1928583	9.922	ppbv	99

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

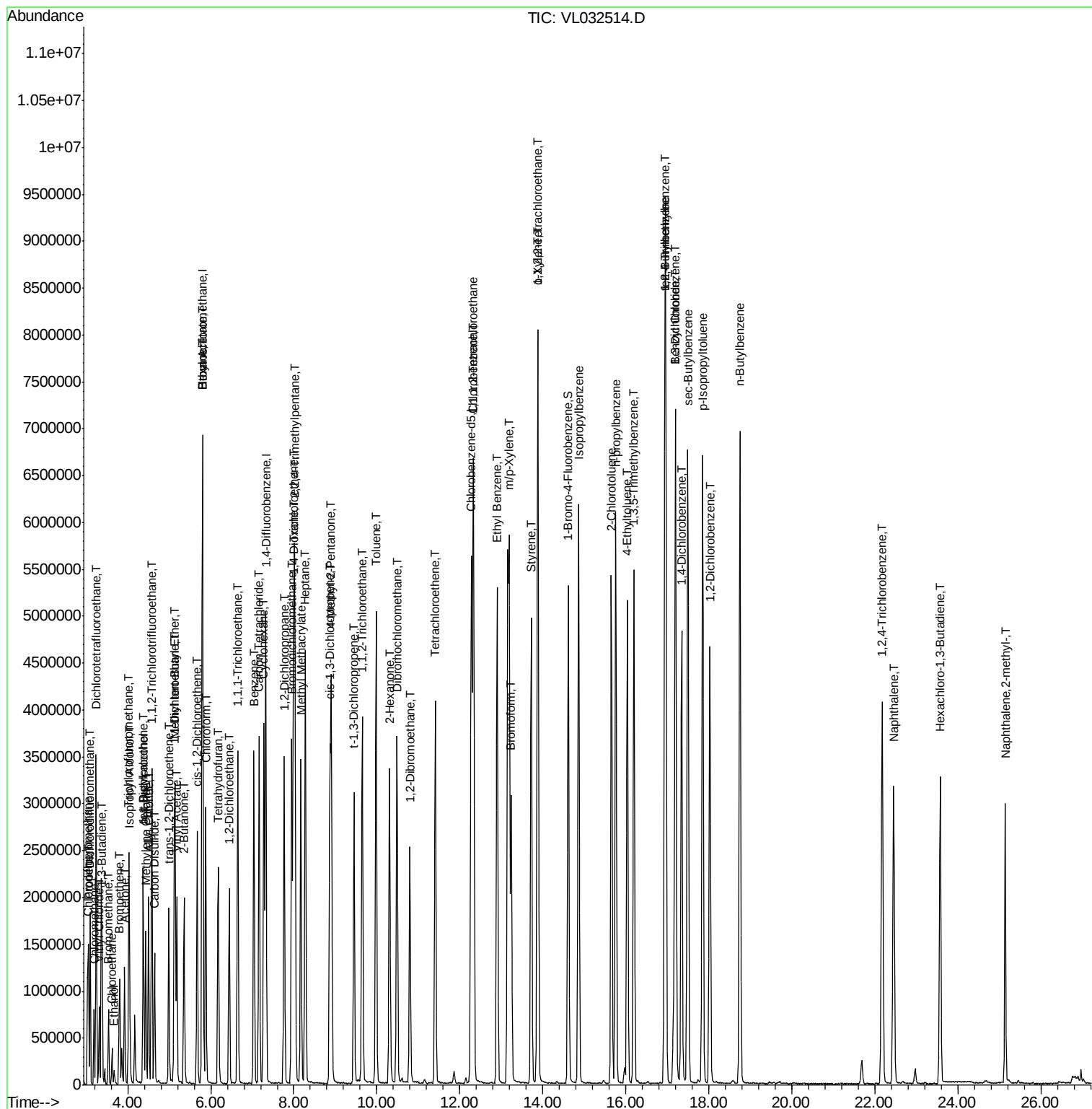
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL092418\
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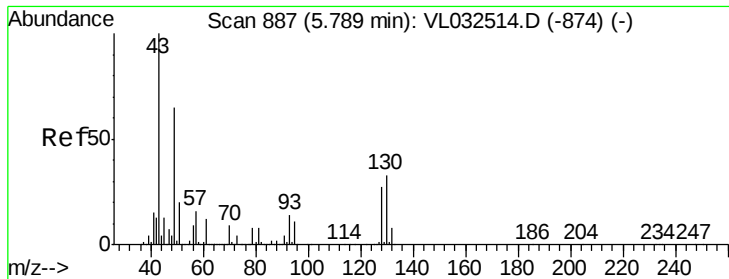
Instrument :
MSVOA_L
ClientSampleId :
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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.79 min Scan# 887

Delta R.T. -0.02 min

Lab File: VL032514.D

Acq: 24 Sep 2018 16:26

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tot Ion: 49 Resp: 1578732

Ion Ratio Lower Upper

49 100

128 41.9 20.7 62.1

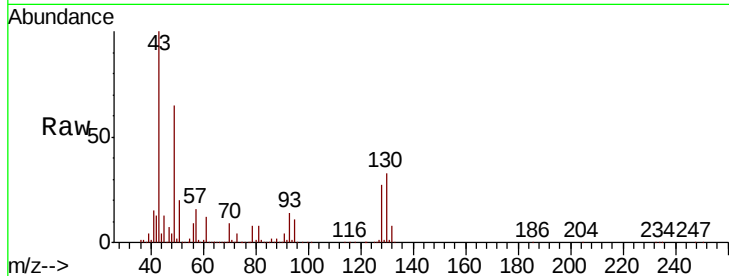
130 52.9 26.6 79.7

Manual Integrations

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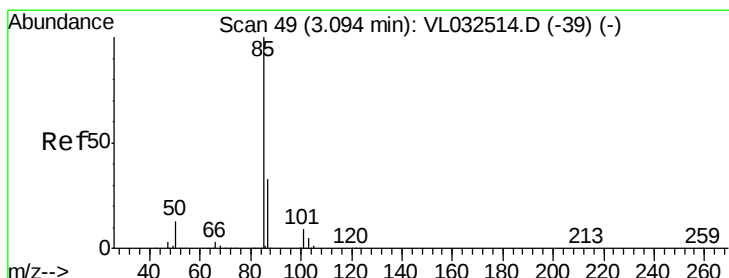
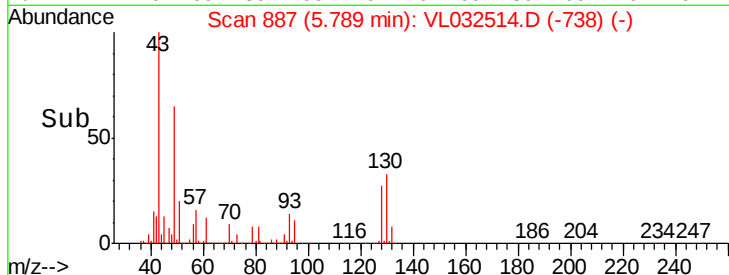
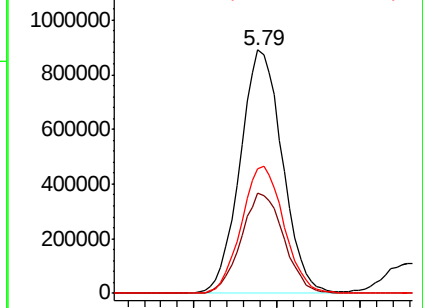
9/26/2018 4:47:00 PM



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 6.392 ppbv

RT: 3.09 min Scan# 49

Delta R.T. -0.01 min

Lab File: VL032514.D

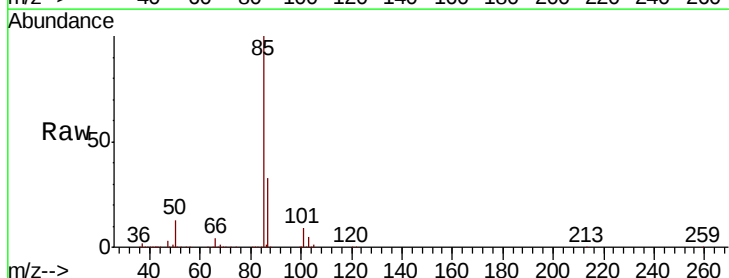
Acq: 24 Sep 2018 16:26

Tgt Ion: 85 Resp: 1290799

Ion Ratio Lower Upper

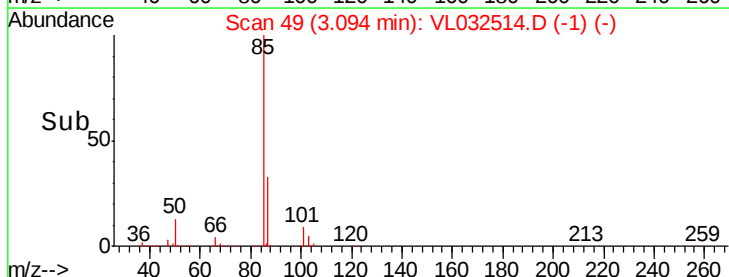
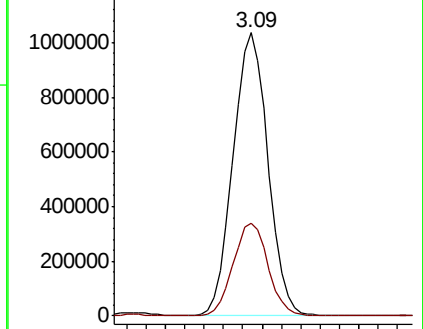
85 100

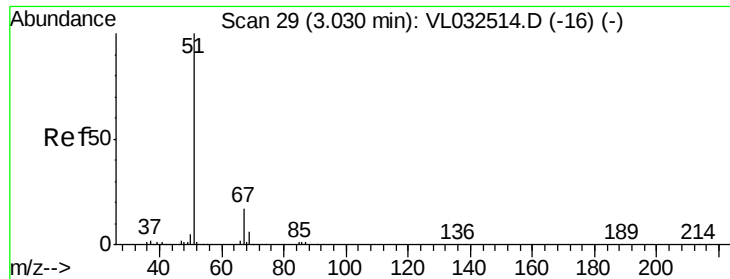
87 32.7 26.2 39.4



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





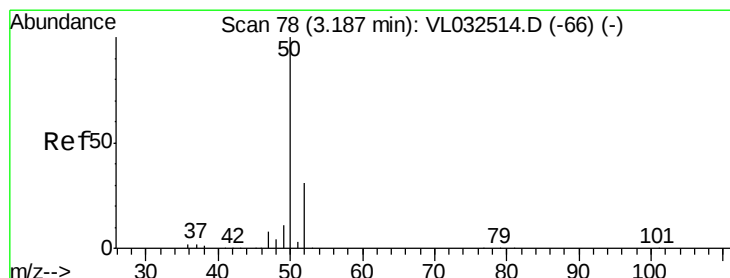
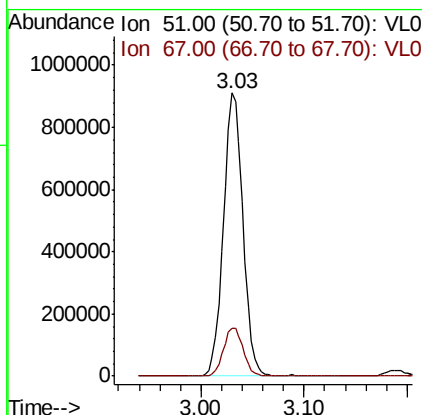
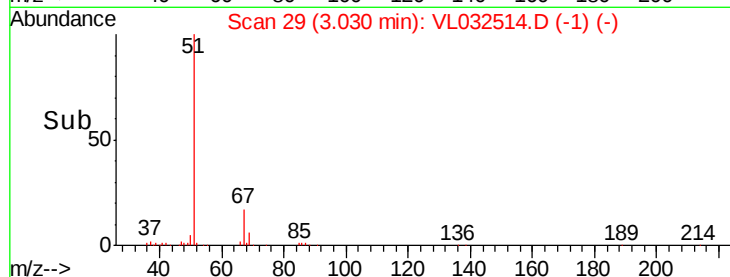
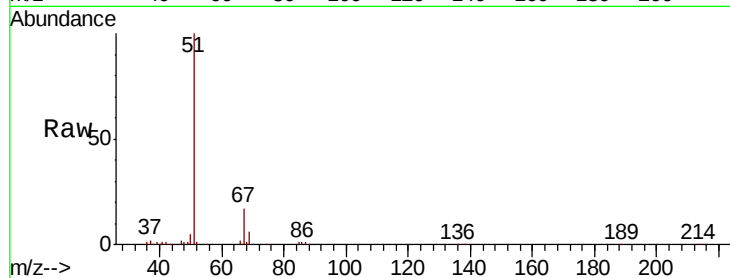
#3
Chlorodifluoromethane
Concen: 8.372 ppbv
RT: 3.03 min Scan# 29
Delta R.T. -0.01 min
Lab File: VL032514.D
Acq: 24 Sep 2018 16:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tot Ion: 51 Resp: 1196461
Ion Ratio Lower Upper
51 100
67 17.2 13.8 20.8

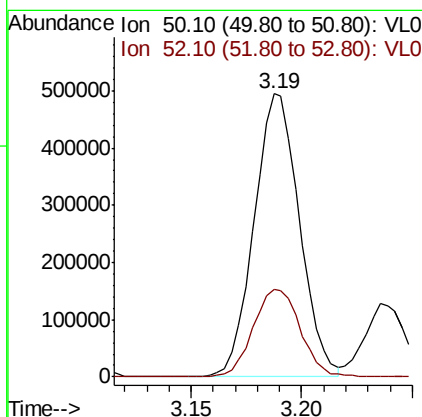
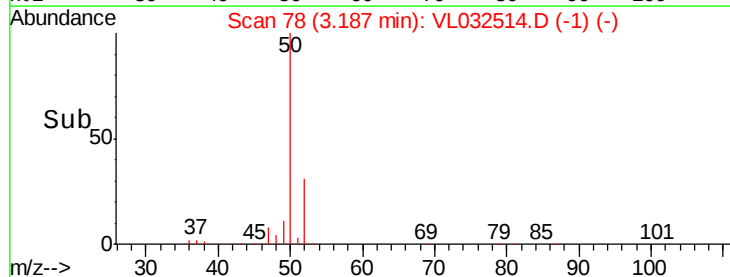
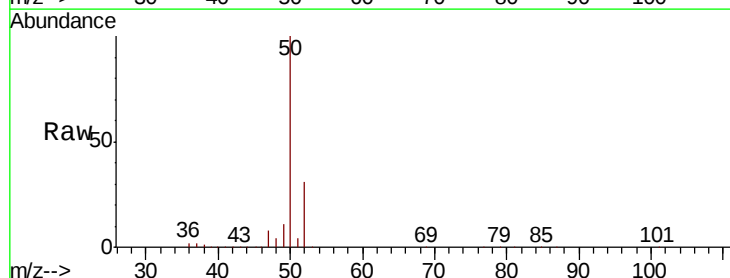
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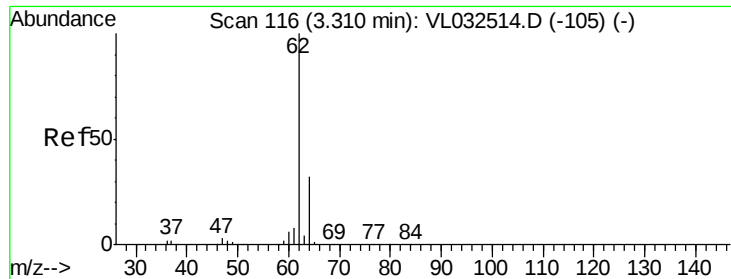
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#4
Chloromethane
Concen: 8.114 ppbv
RT: 3.19 min Scan# 78
Delta R.T. -0.01 min
Lab File: VL032514.D
Acq: 24 Sep 2018 16:26

Tgt Ion: 50 Resp: 702123
Ion Ratio Lower Upper
50 100
52 31.0 25.6 38.4





#5

Vinyl Chloride

Concen: 7.987 ppbv

RT: 3.31 min Scan# 116

Delta R.T. -0.01 min

Lab File: VL032514.D

Acq: 24 Sep 2018 16:26

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tot Ion: 62 Resp: 682119

Ion Ratio Lower Upper

62 100

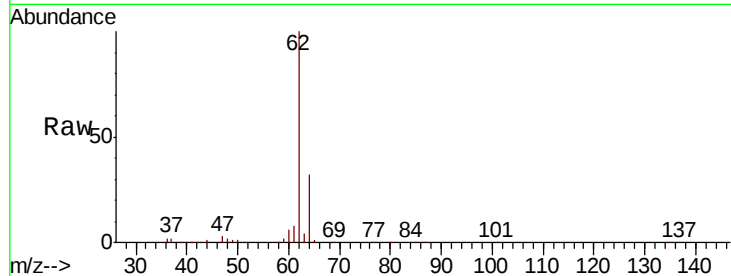
64 31.9 25.0 37.6

Manual Integrations

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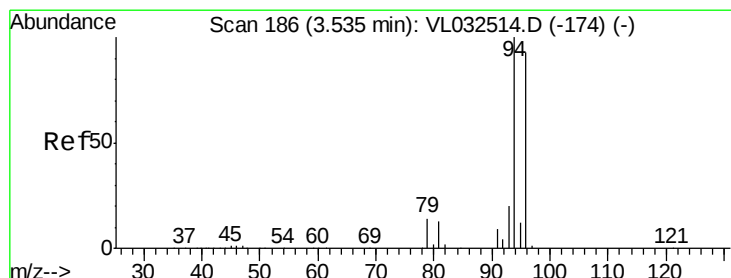
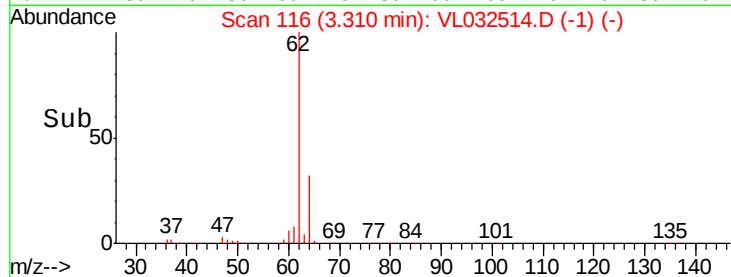
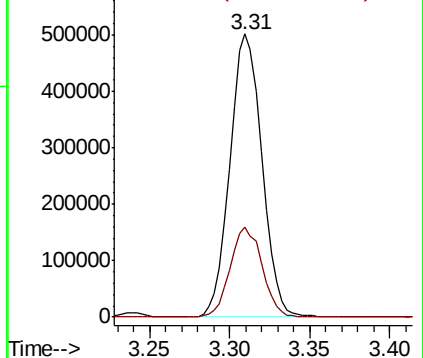
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Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0



#6

Bromomethane

Concen: 9.354 ppbv

RT: 3.53 min Scan# 186

Delta R.T. -0.01 min

Lab File: VL032514.D

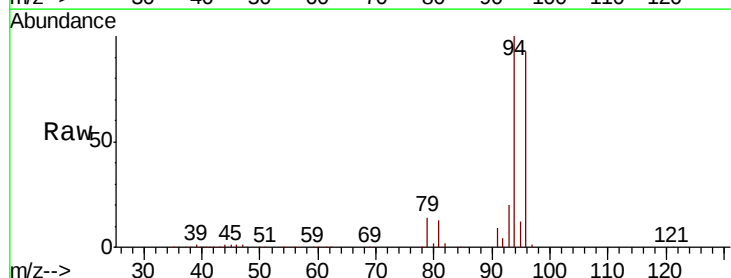
Acq: 24 Sep 2018 16:26

Tgt Ion: 94 Resp: 419370

Ion Ratio Lower Upper

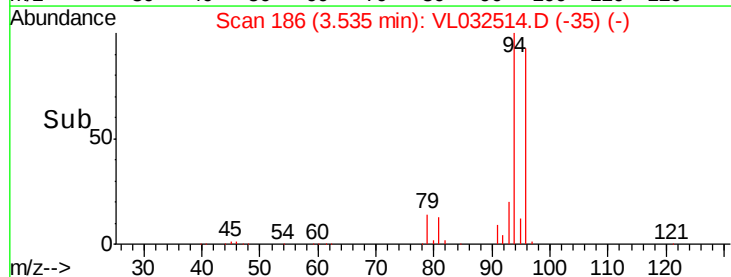
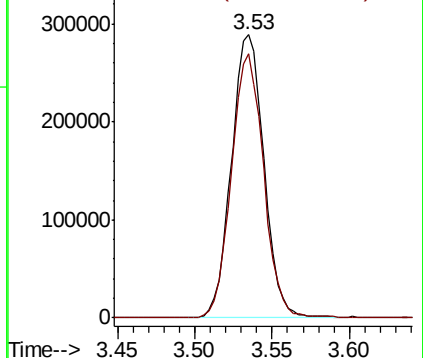
94 100

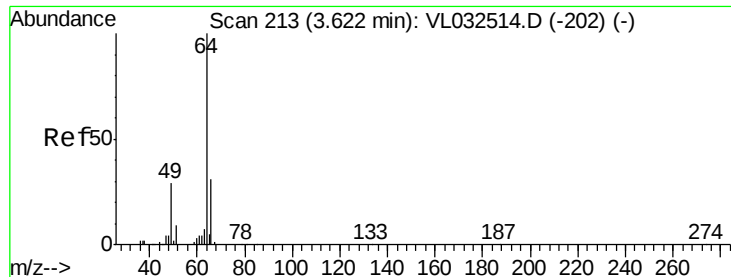
96 93.3 72.8 109.2



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0





#7

Chloroethane

Concen: 8.603 ppbv

RT: 3.62 min Scan# 213

Delta R.T. -0.01 min

Lab File: VL032514.D

Acq: 24 Sep 2018 16:26

Instrument :

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ClientSampleId :

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Tot Ion: 64 Resp: 254331

Ion Ratio Lower Upper

64 100

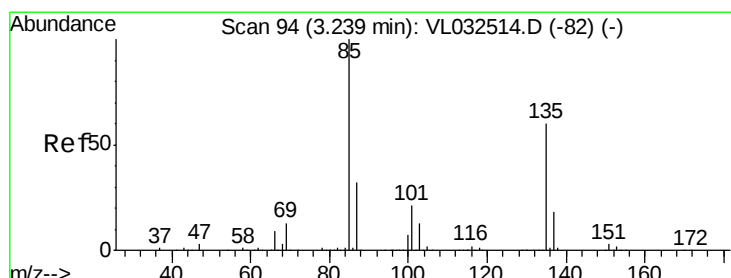
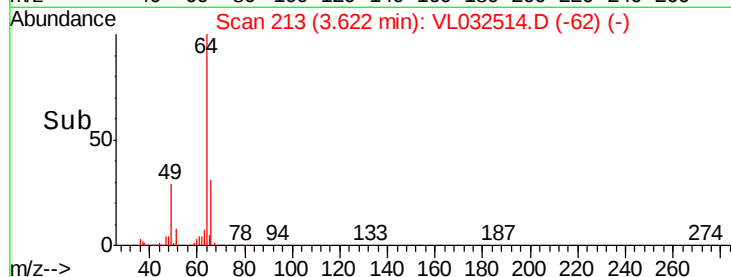
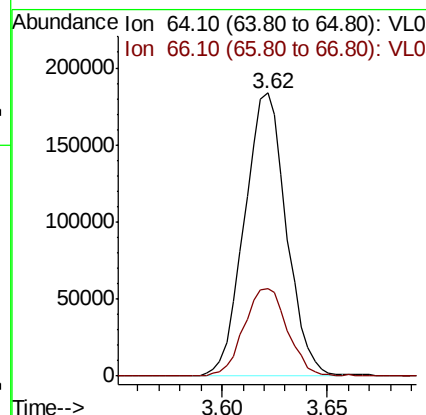
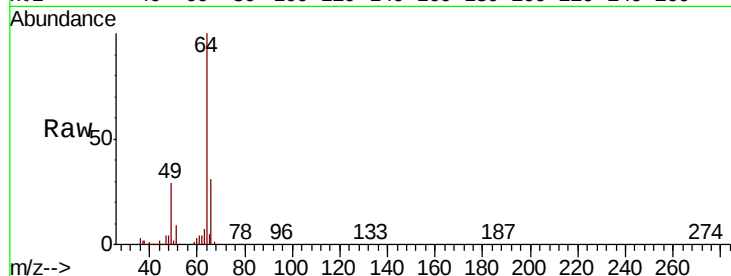
66 30.7 25.8 38.6

Manual Integrations

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#8

Dichlorotetrafluoroethane

Concen: 8.013 ppbv

RT: 3.24 min Scan# 94

Delta R.T. -0.01 min

Lab File: VL032514.D

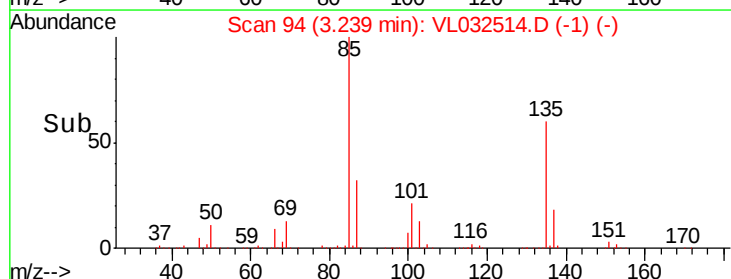
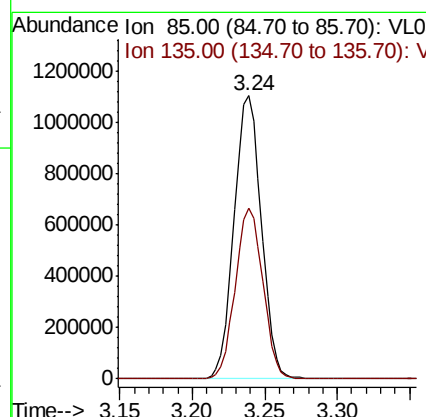
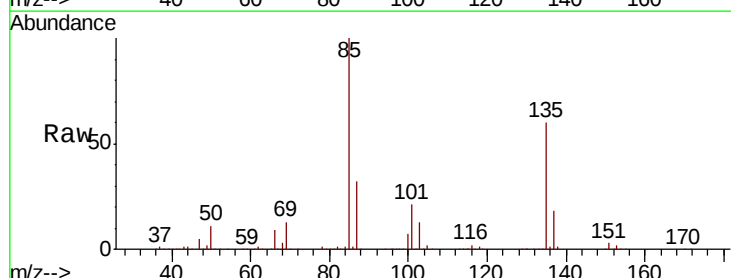
Acq: 24 Sep 2018 16:26

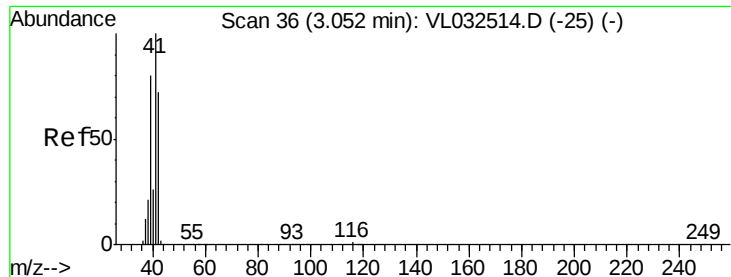
Tgt Ion: 85 Resp: 1436116

Ion Ratio Lower Upper

85 100

135 61.0 48.6 72.8





#9

Propene

Concen: 9.851 ppbv

RT: 3.05 min Scan# 36

Delta R.T. -0.01 min

Lab File: VL032514.D

Acq: 24 Sep 2018 16:26

Instrument :

MSVOA_L

ClientSampleId :

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Tot Ion: 41 Resp: 567878

Ion Ratio Lower Upper

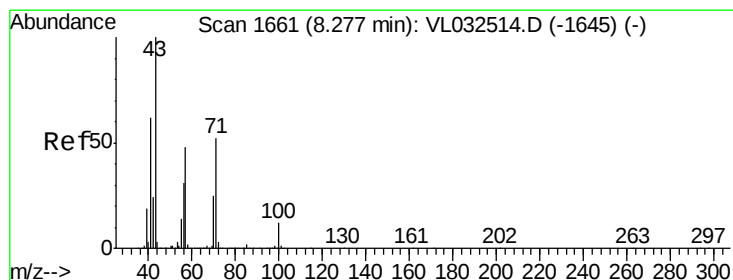
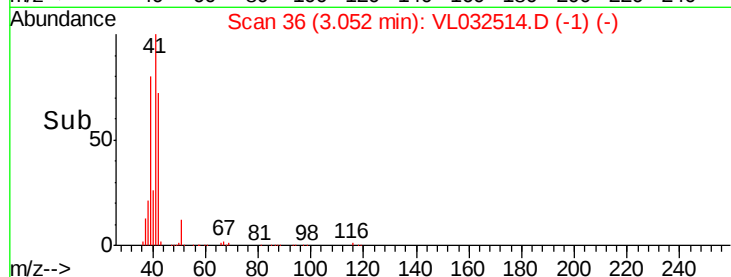
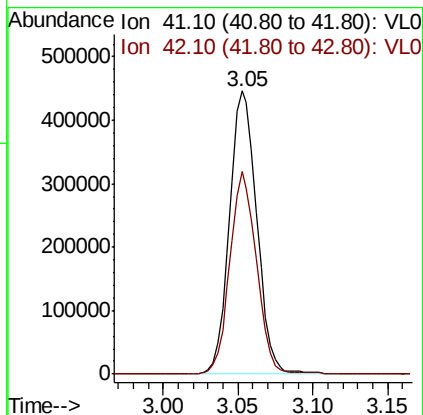
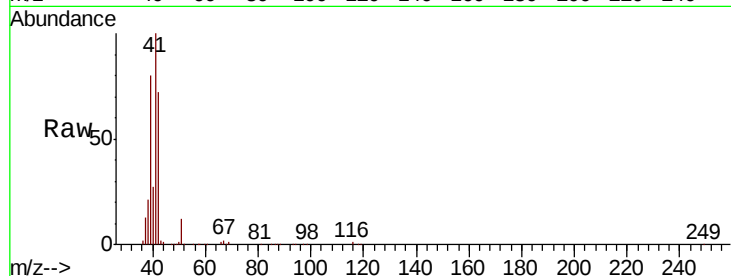
41 100

42 70.2 56.6 84.8

Manual Integrations
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#10

Heptane

Concen: 10.733 ppbv

RT: 8.28 min Scan# 1661

Delta R.T. -0.02 min

Lab File: VL032514.D

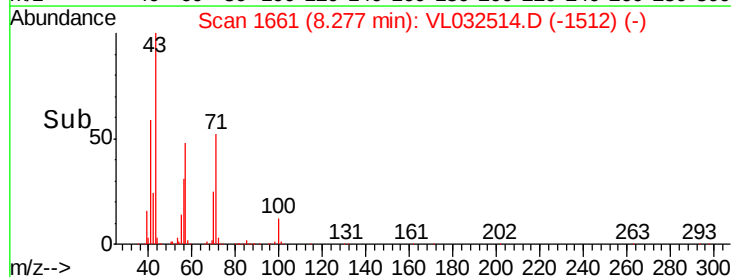
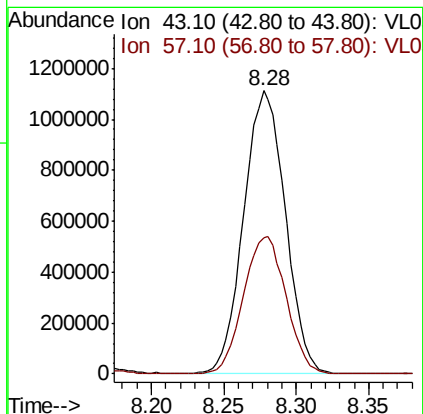
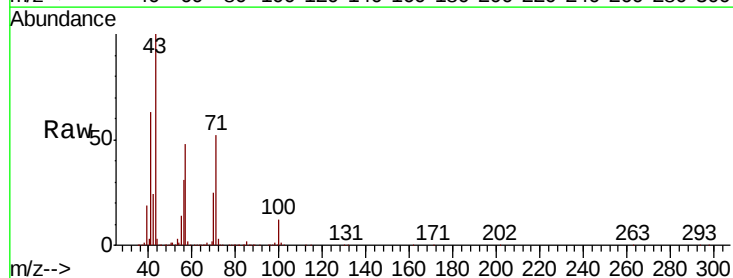
Acq: 24 Sep 2018 16:26

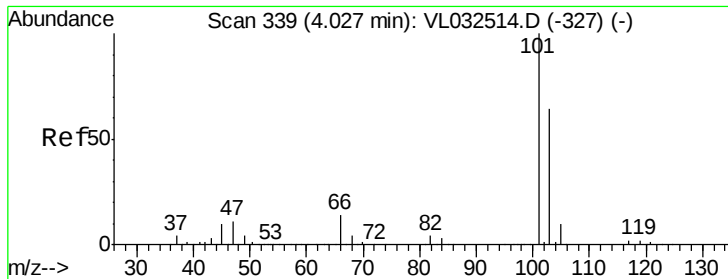
Tgt Ion: 43 Resp: 2219784

Ion Ratio Lower Upper

43 100

57 49.7 39.6 59.4





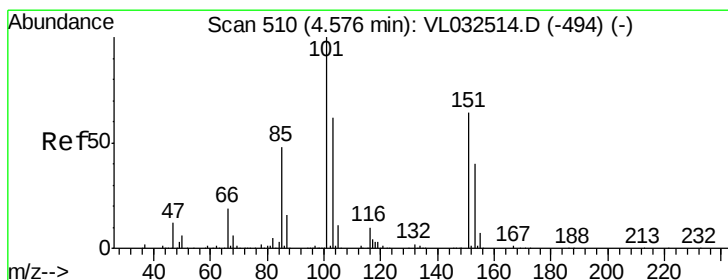
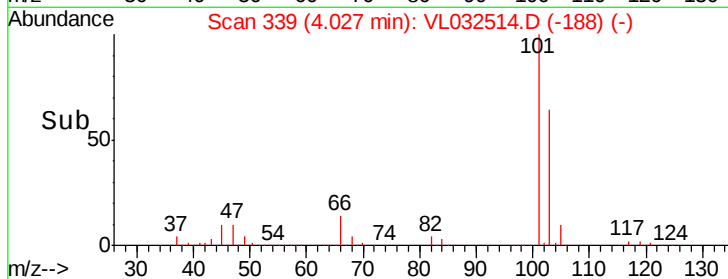
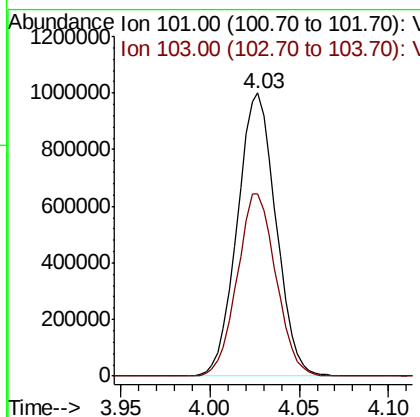
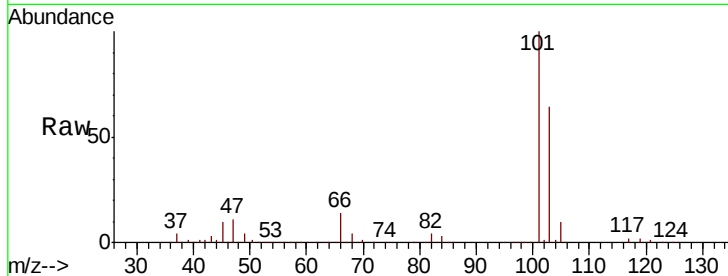
#11
 Trichlorofluoromethane
 Concen: 8.321 ppbv
 RT: 4.03 min Scan# 339
 Delta R.T. -0.01 min
 Lab File: VL032514.D
 Acq: 24 Sep 2018 16:26

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tot Ion:101 Resp: 1515145
 Ion Ratio Lower Upper
 101 100
 103 64.5 52.8 79.2

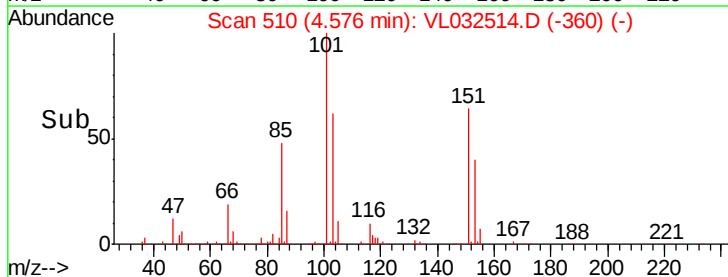
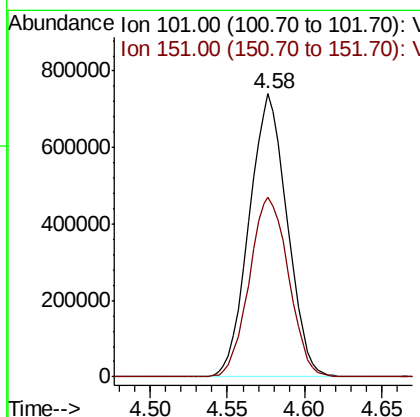
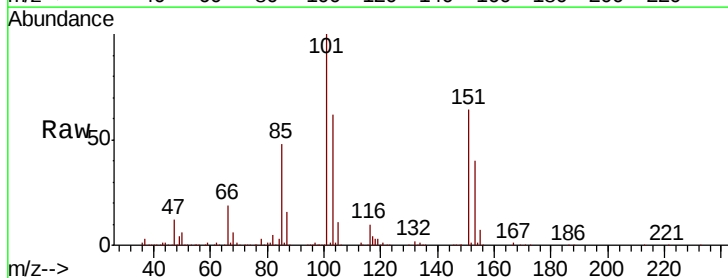
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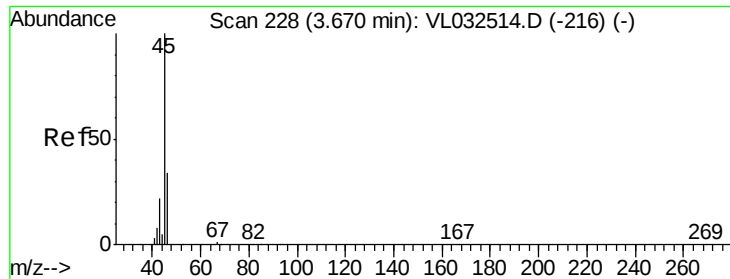
apatel
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#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.267 ppbv
 RT: 4.58 min Scan# 510
 Delta R.T. -0.02 min
 Lab File: VL032514.D
 Acq: 24 Sep 2018 16:26

Tgt Ion:101 Resp: 1266820
 Ion Ratio Lower Upper
 101 100
 151 65.7 52.6 78.8





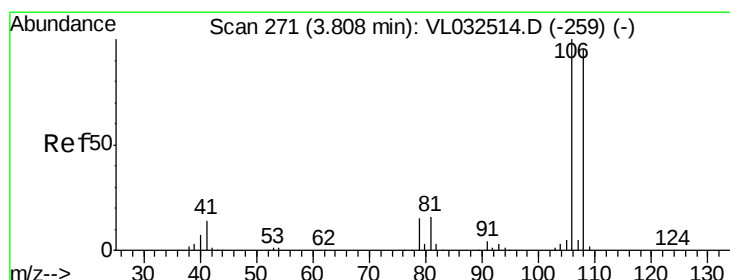
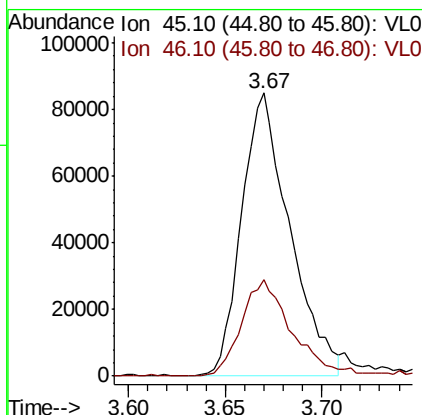
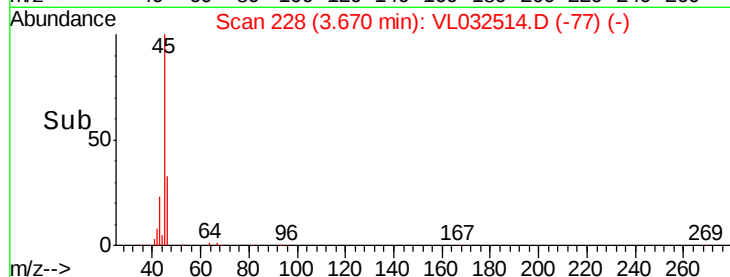
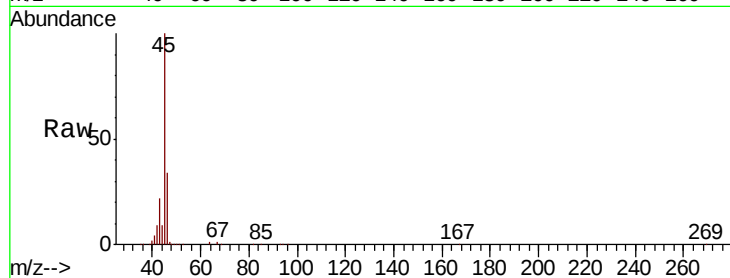
#13
Ethanol
Concen: 8.136 ppbv
RT: 3.67 min Scan# 228
Delta R.T. -0.01 min
Lab File: VL032514.D
Acq: 24 Sep 2018 16:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tot Ion: 45 Resp: 146207
Ion Ratio Lower Upper
45 100
46 36.1 14.2 56.8

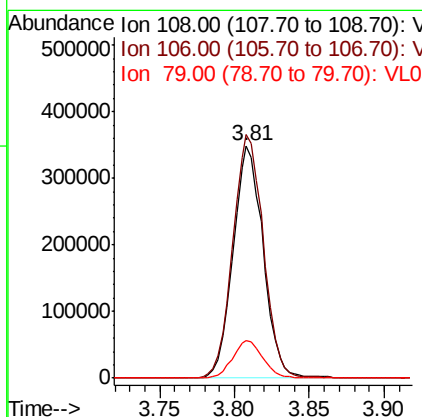
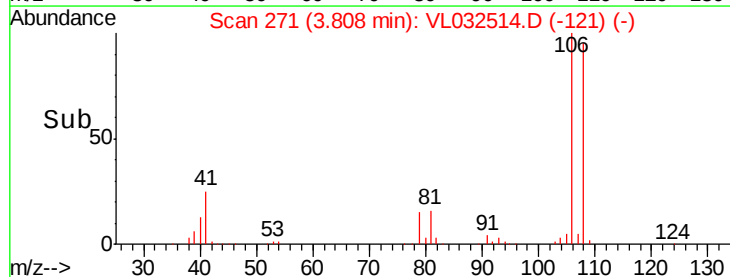
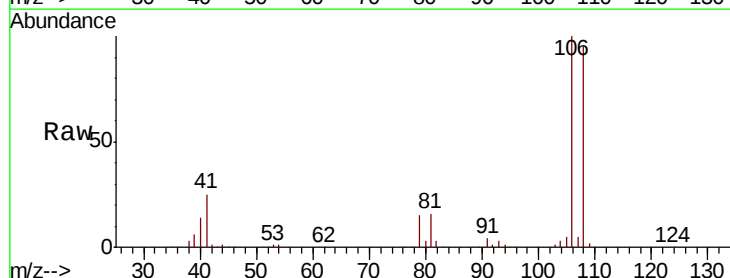
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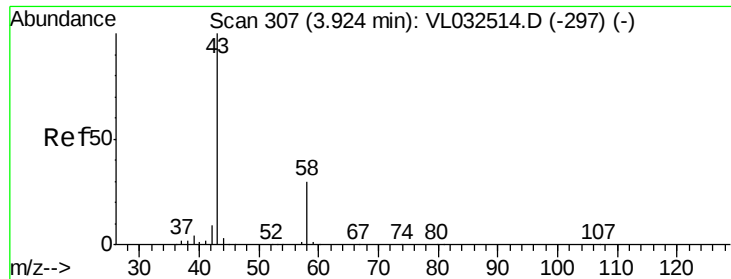
apatel
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#14
Bromoethene
Concen: 9.342 ppbv
RT: 3.81 min Scan# 271
Delta R.T. -0.02 min
Lab File: VL032514.D
Acq: 24 Sep 2018 16:26

Tgt Ion: 108 Resp: 488371
Ion Ratio Lower Upper
108 100
106 106.8 85.5 128.3
79 16.4 13.0 19.6





#15

Acetone

Concen: 8.368 ppbv

RT: 3.92 min Scan# 307

Delta R.T. -0.01 min

Lab File: VL032514.D

Acq: 24 Sep 2018 16:26

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tot Ion: 43 Resp: 1189697

Ion Ratio Lower Upper

43 100

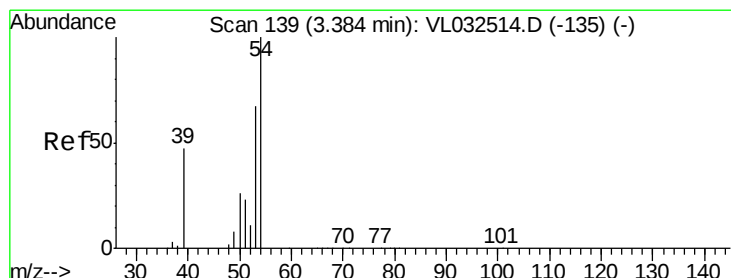
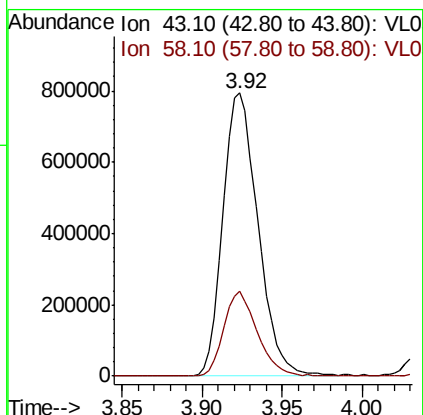
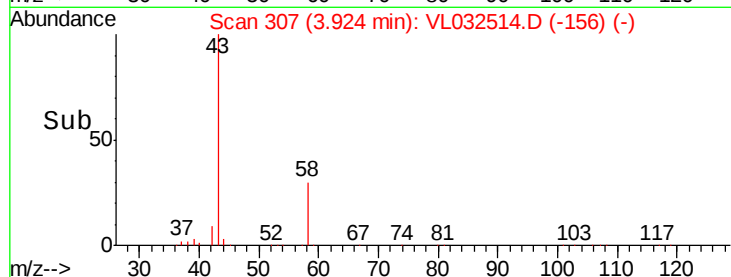
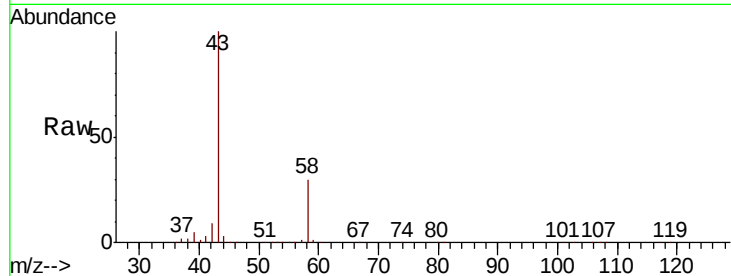
58 28.6 22.6 33.8

Manual Integrations

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#16

1,3-Butadiene

Concen: 8.265 ppbv

RT: 3.38 min Scan# 139

Delta R.T. -0.01 min

Lab File: VL032514.D

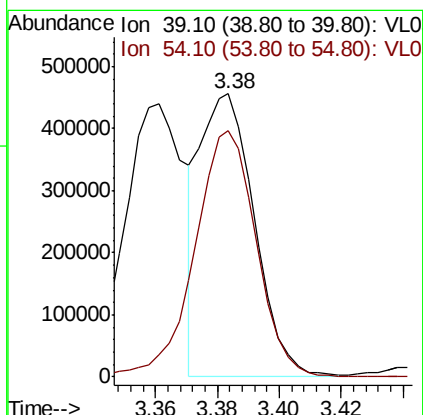
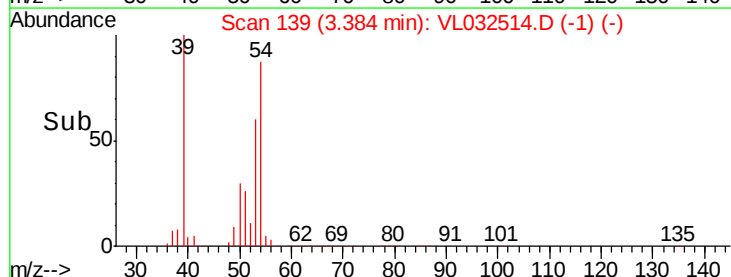
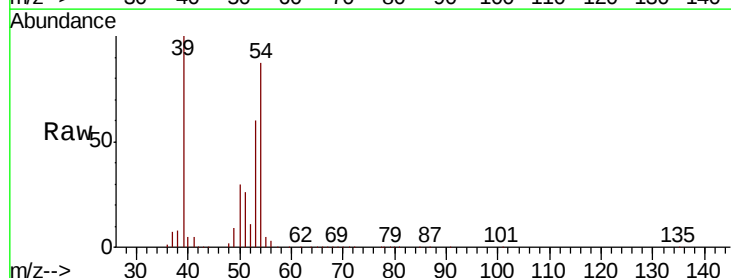
Acq: 24 Sep 2018 16:26

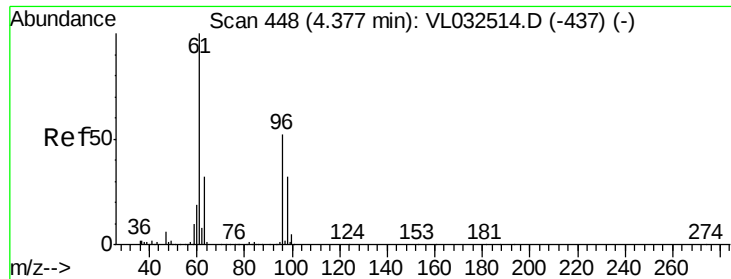
Tgt Ion: 39 Resp: 552949

Ion Ratio Lower Upper

39 100

54 99.3 80.8 121.2





#17

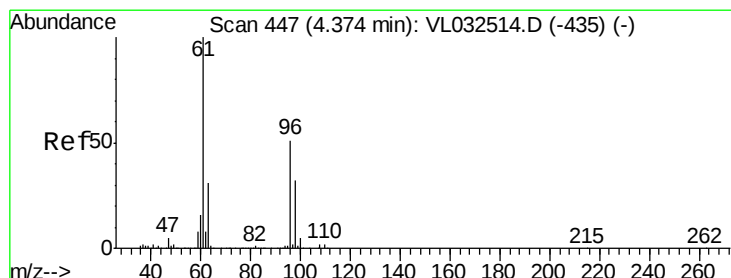
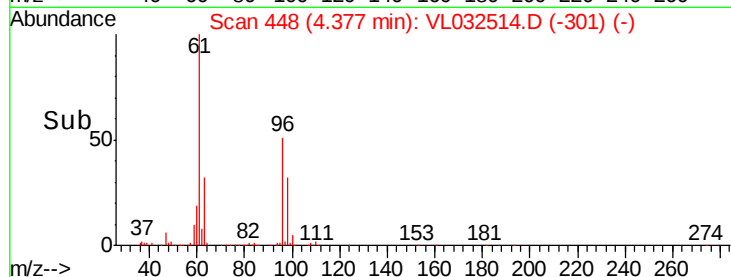
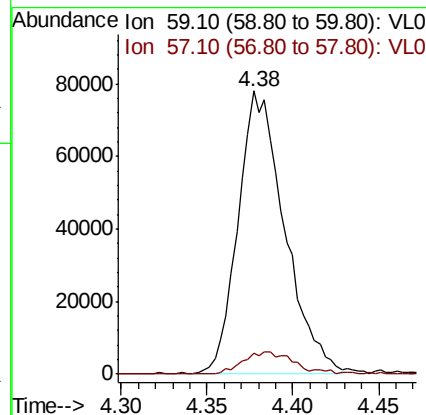
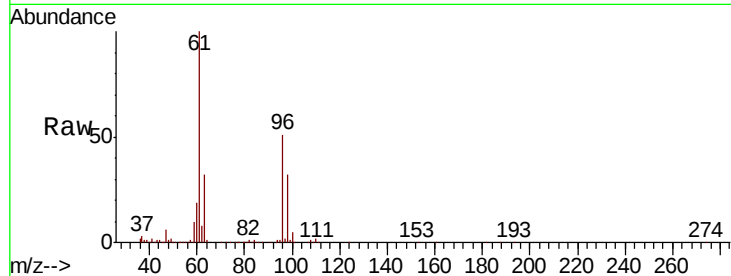
tert-Butyl alcohol
Concen: 6.704 ppbv
RT: 4.38 min Scan# 448
Delta R.T. -0.03 min
Lab File: VL032514.D
Acq: 24 Sep 2018 16:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.0	0.0	0.0#

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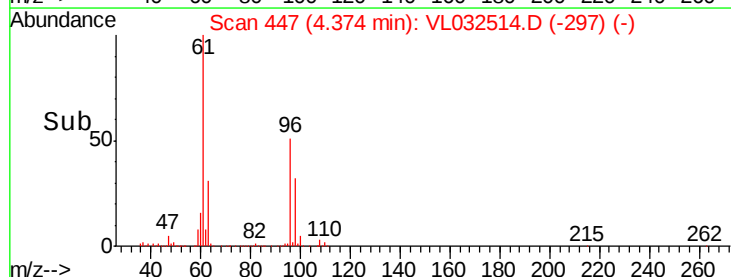
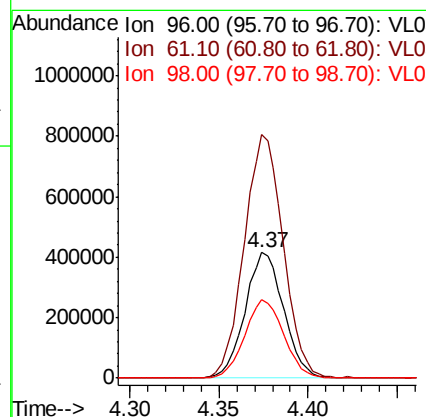
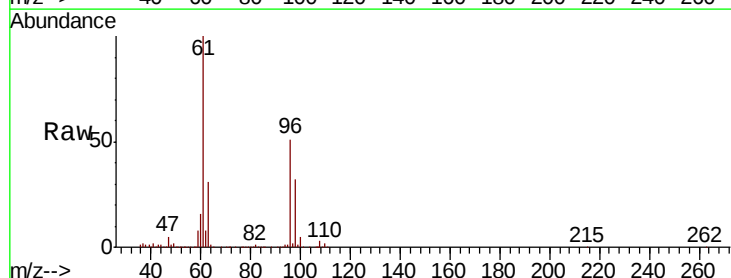
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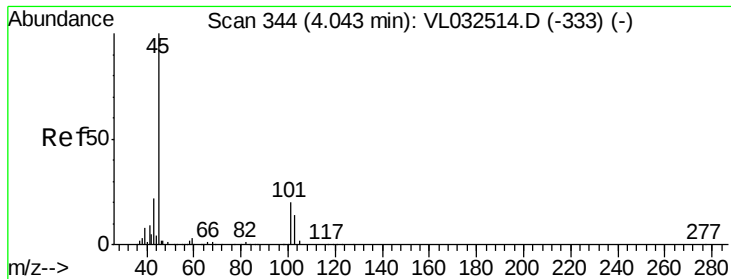


#18

1,1-Dichloroethene
Concen: 11.150 ppbv
RT: 4.37 min Scan# 447
Delta R.T. -0.02 min
Lab File: VL032514.D
Acq: 24 Sep 2018 16:26

Tgt Ion	Ratio	Lower	Upper
96	100		
61	194.3	159.2	238.8
98	62.6	51.0	76.4





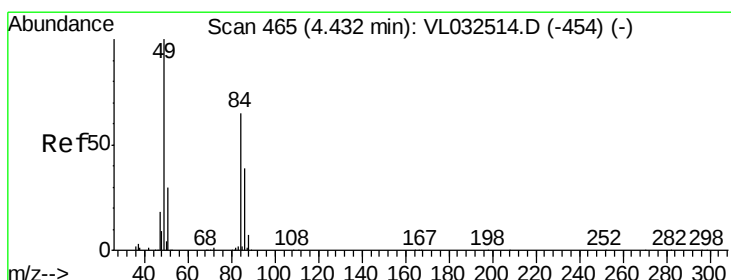
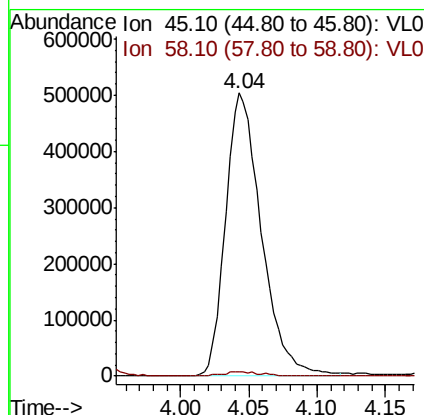
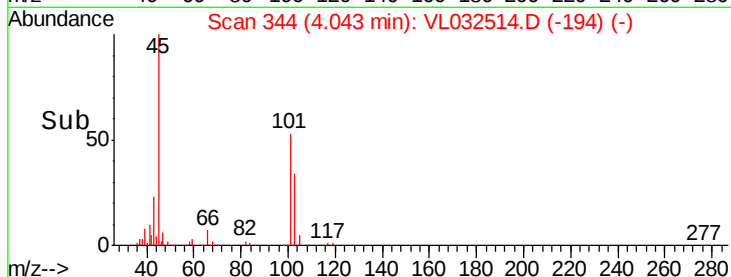
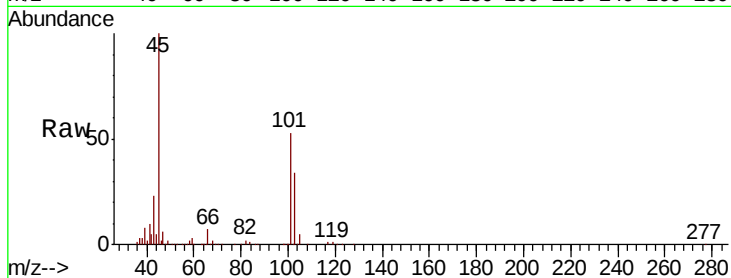
#19
Isopropyl Alcohol
Concen: 9.833 ppbv
RT: 4.04 min Scan# 344
Delta R.T. -0.02 min
Lab File: VL032514.D
Acq: 24 Sep 2018 16:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tot Ion: 45 Resp: 917046
Ion Ratio Lower Upper
45 100
58 1.7 2.0 3.0#

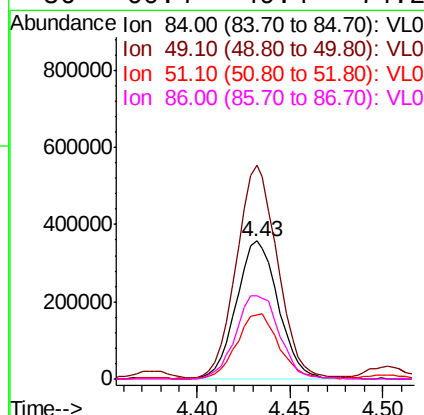
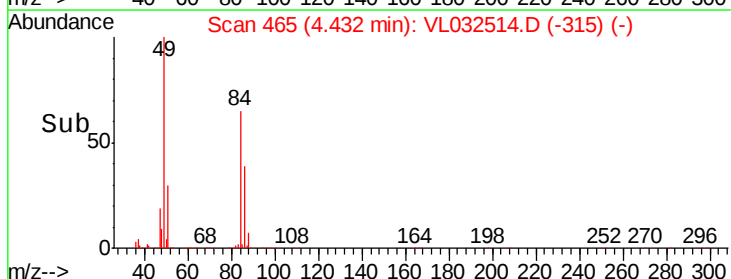
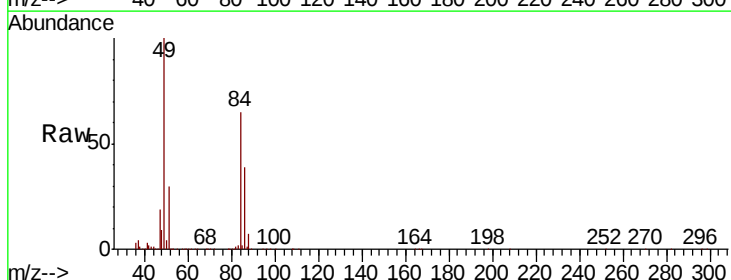
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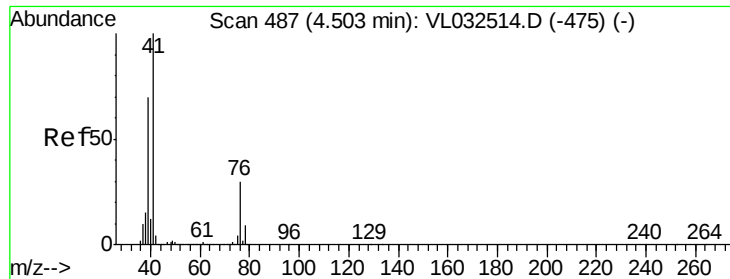
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#20
Methylene Chloride
Concen: 10.210 ppbv
RT: 4.43 min Scan# 465
Delta R.T. -0.02 min
Lab File: VL032514.D
Acq: 24 Sep 2018 16:26

Tgt Ion: 84 Resp: 553504
Ion Ratio Lower Upper
84 100
49 154.7 119.1 178.7
51 46.6 35.2 52.8
86 60.4 49.4 74.2





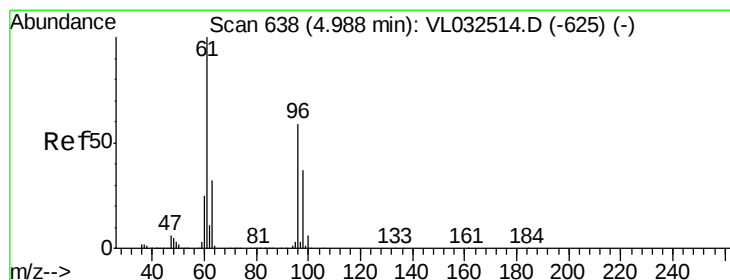
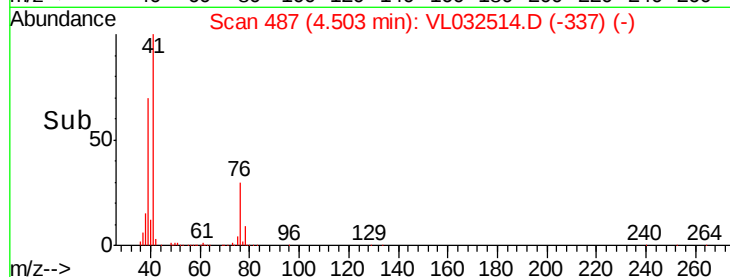
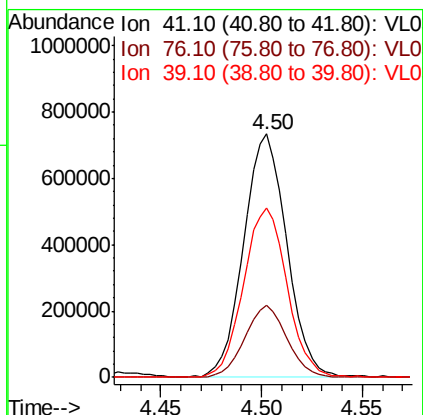
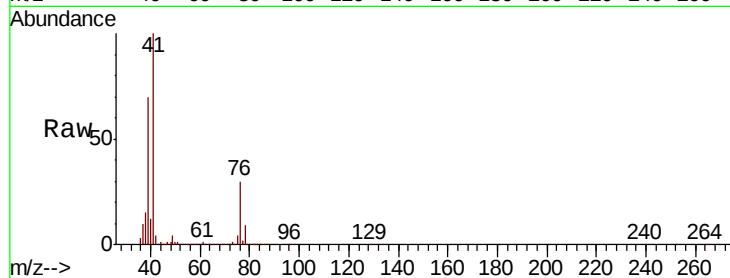
#21
Allvl Chloride
Concen: 11.590 ppbv
RT: 4.50 min Scan# 487
Delta R.T. -0.02 min
Lab File: VL032514.D
Acq: 24 Sep 2018 16:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tot Ion	Ratio	Lower	Upper
41	100		
76	29.2	23.6	35.4
39	71.0	57.7	86.5

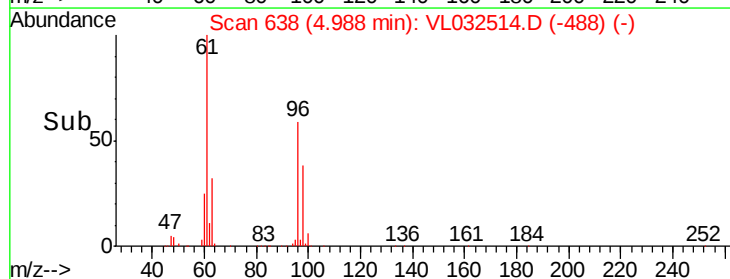
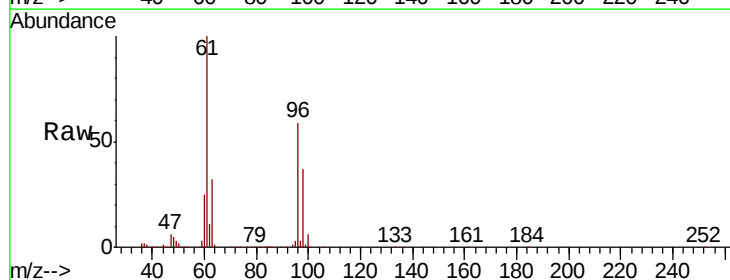
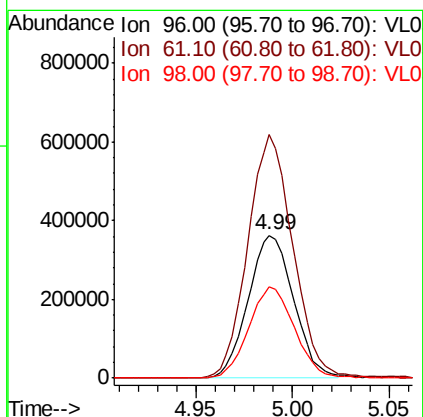
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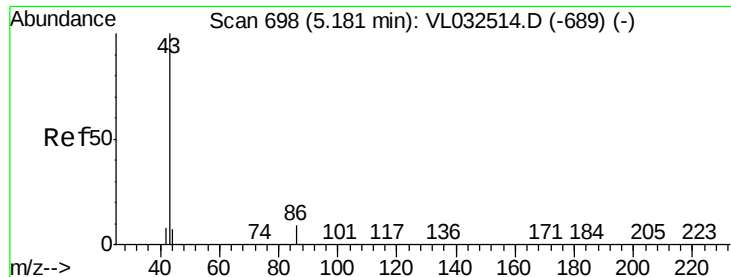
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#22
trans-1,2-Dichloroethene
Concen: 9.670 ppbv
RT: 4.99 min Scan# 638
Delta R.T. -0.02 min
Lab File: VL032514.D
Acq: 24 Sep 2018 16:26

Tgt Ion	Ratio	Lower	Upper
96	100		
61	170.7	136.2	204.4
98	63.7	50.4	75.6





#23

Vinyl Acetate

Concen: 11.159 ppbv

RT: 5.18 min Scan# 698

Delta R.T. -0.02 min

Lab File: VL032514.D

Acq: 24 Sep 2018 16:26

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tot Ion: 43 Resp: 2629629

Ion Ratio Lower Upper

43 100

86 7.7 5.9 8.9

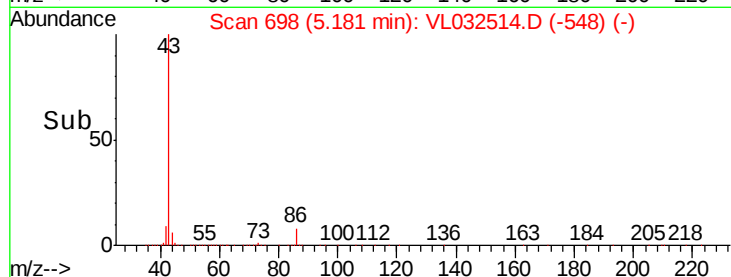
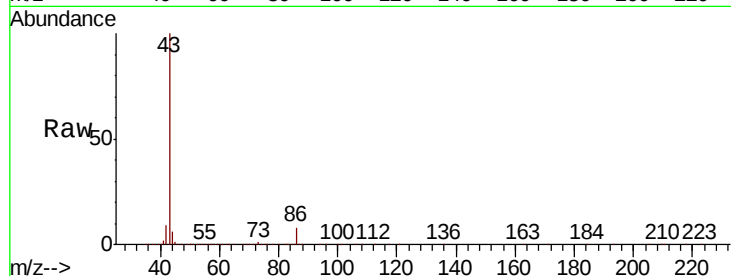
42 8.9 6.9 10.3

44 6.2 4.6 7.0

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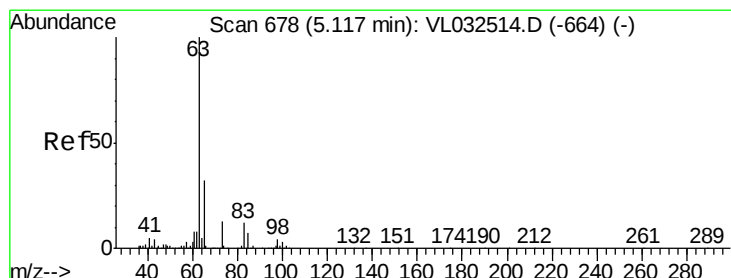
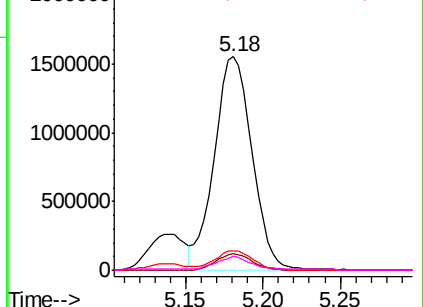


Abundance Ion 43.10 (42.80 to 43.80): VL0

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: 9.819 ppbv

RT: 5.12 min Scan# 678

Delta R.T. -0.02 min

Lab File: VL032514.D

Acq: 24 Sep 2018 16:26

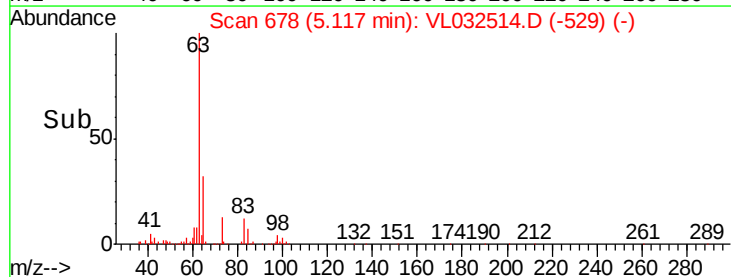
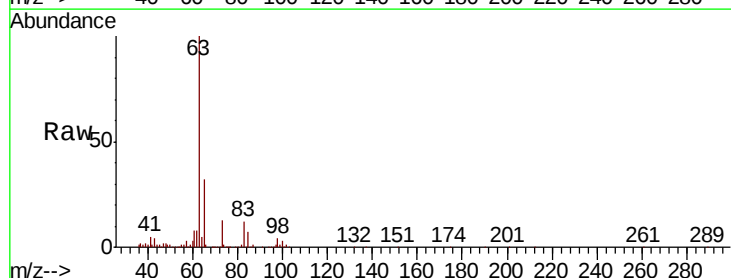
Tgt Ion: 63 Resp: 1906503

Ion Ratio Lower Upper

63 100

98 4.1 2.1 6.5

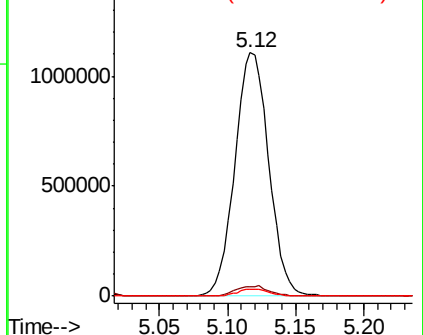
100 2.6 1.5 4.4

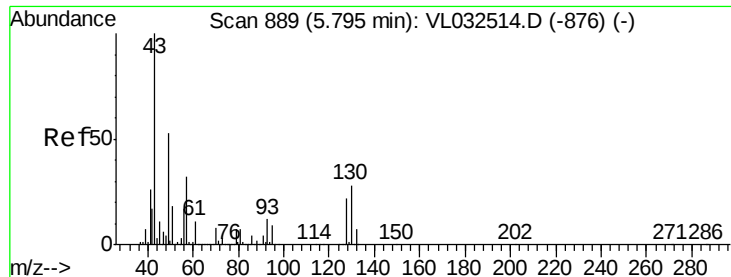


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

Ion 100.00 (99.70 to 100.70): VL0





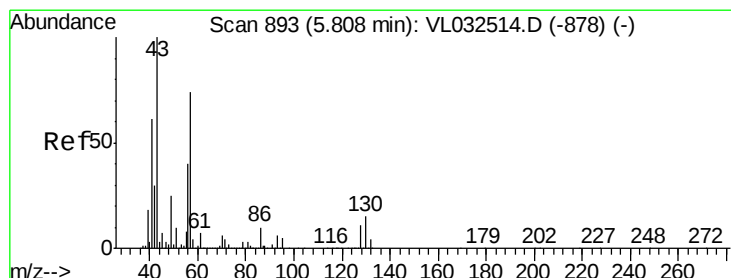
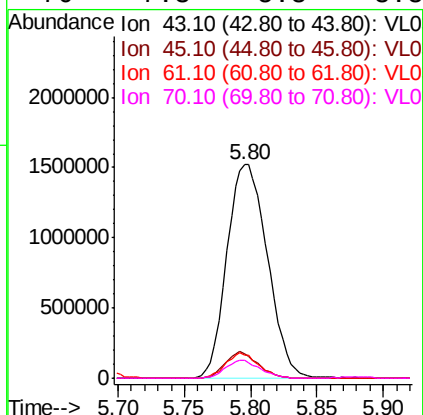
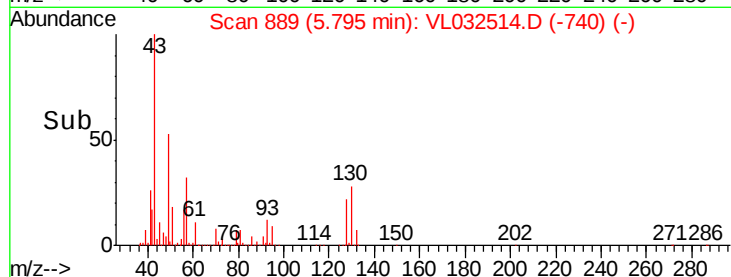
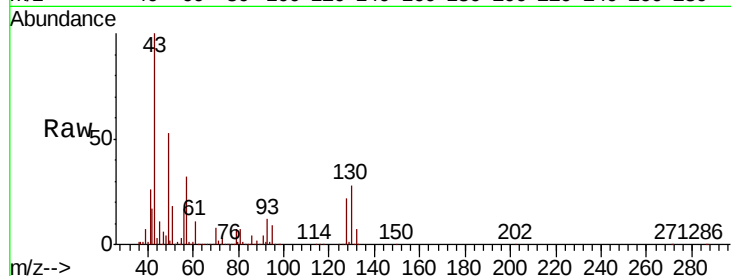
#25
Ethyl Acetate
Concen: 9.578 ppbv
RT: 5.80 min Scan# 889
Delta R.T. -0.02 min
Lab File: VL032514.D
Acq: 24 Sep 2018 16:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tot Ion	Ratio	Lower	Upper
43	100		
45	10.1	8.0	12.0
61	9.7	7.6	11.4
70	7.3	5.8	8.8

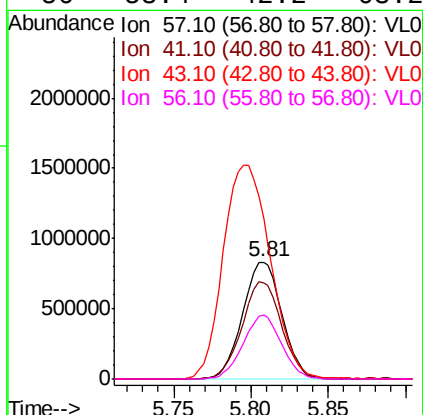
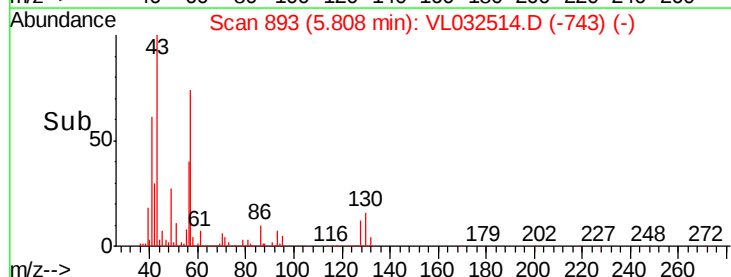
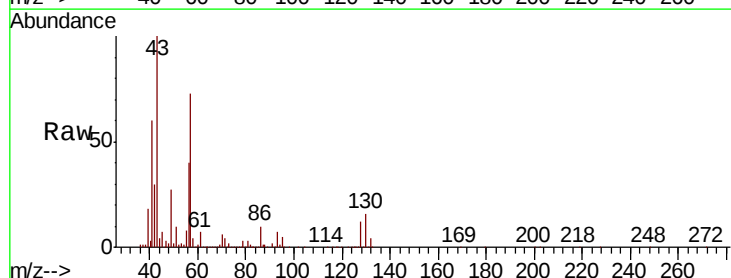
Manual Integrations
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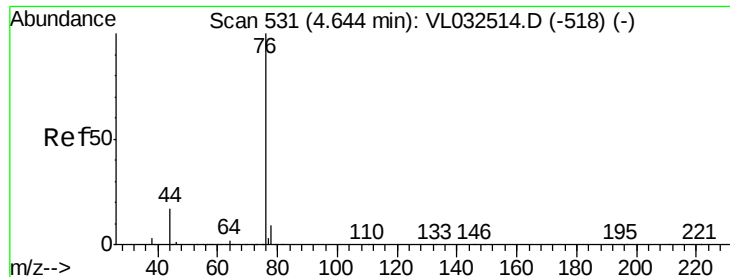
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#26
Hexane
Concen: 9.804 ppbv
RT: 5.81 min Scan# 893
Delta R.T. -0.02 min
Lab File: VL032514.D
Acq: 24 Sep 2018 16:26

Tgt Ion	Ratio	Lower	Upper
57	100		
41	84.1	69.0	103.4
43	219.3	172.1	258.1
56	53.4	42.2	63.2





#27

Carbon Disulfide

Concen: 11.503 ppbv

RT: 4.64 min Scan# 531

Delta R.T. -0.02 min

Lab File: VL032514.D

Acq: 24 Sep 2018 16:26

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tot Ion: 76 Resp: 1596260

Ion Ratio Lower Upper

76 100

44 17.4 14.0 21.0

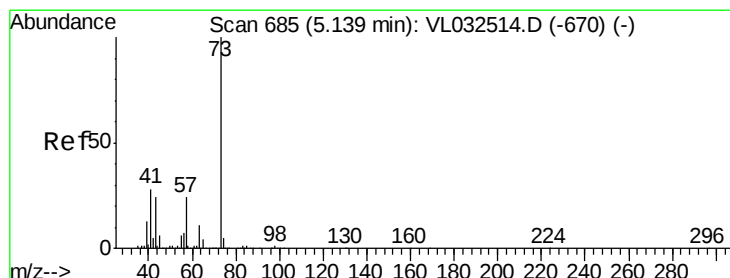
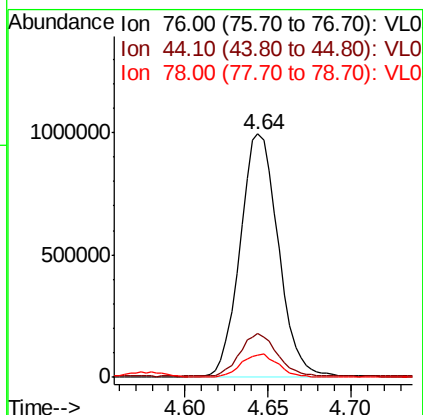
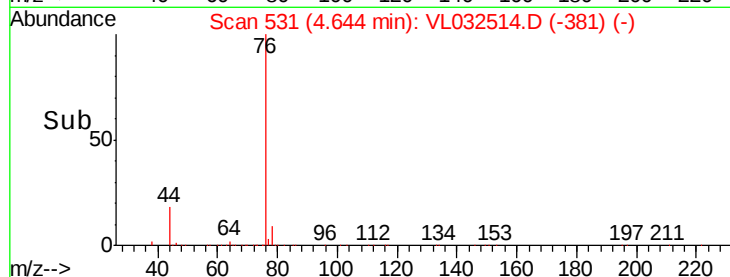
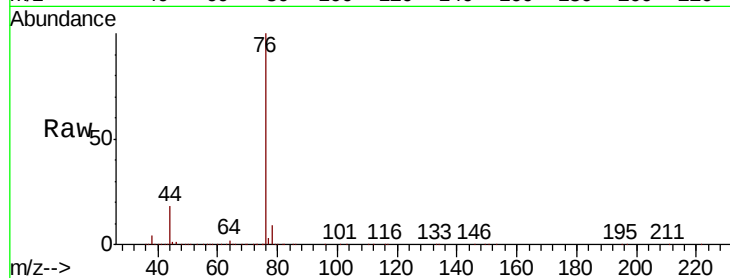
78 9.4 7.5 11.3

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#28

Methyl tert-Butyl Ether

Concen: 10.737 ppbv

RT: 5.14 min Scan# 685

Delta R.T. -0.02 min

Lab File: VL032514.D

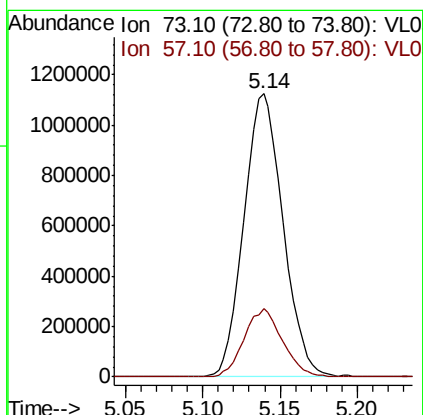
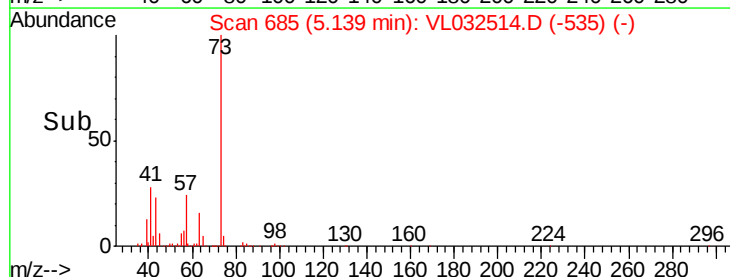
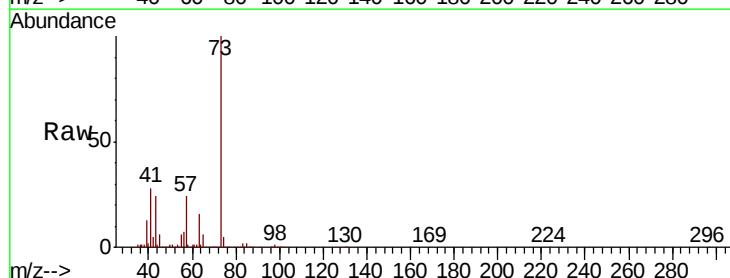
Acq: 24 Sep 2018 16:26

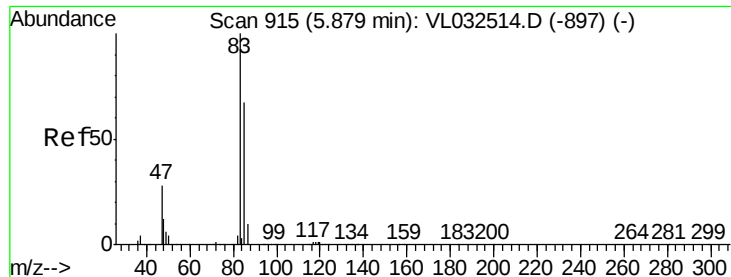
Tgt Ion: 73 Resp: 1981809

Ion Ratio Lower Upper

73 100

57 23.8 19.3 28.9





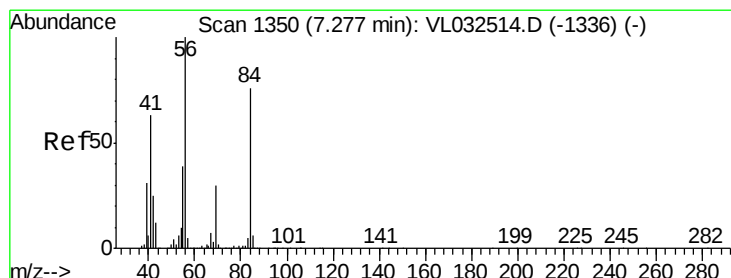
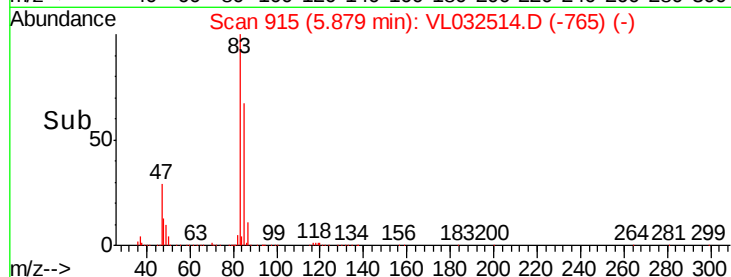
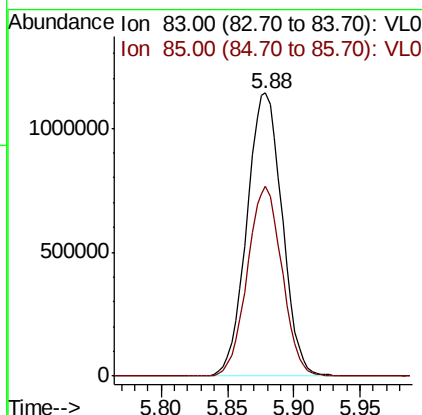
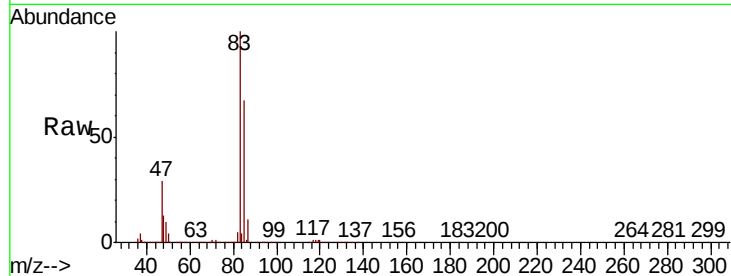
#29
Chloroform
Concen: 9.235 ppbv
RT: 5.88 min Scan# 915
Delta R.T. -0.02 min
Lab File: VL032514.D
Acq: 24 Sep 2018 16:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tot Ion: 83 Resp: 2116679
Ion Ratio Lower Upper
83 100
85 66.9 52.5 78.7

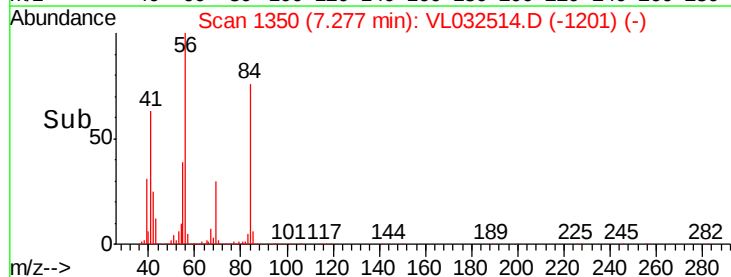
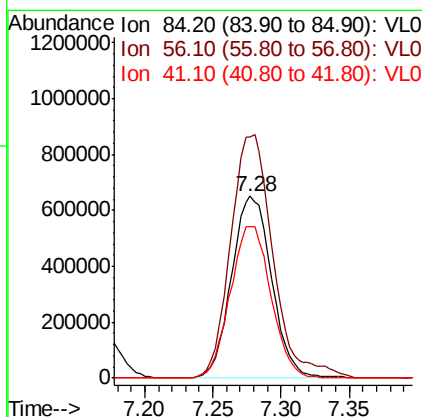
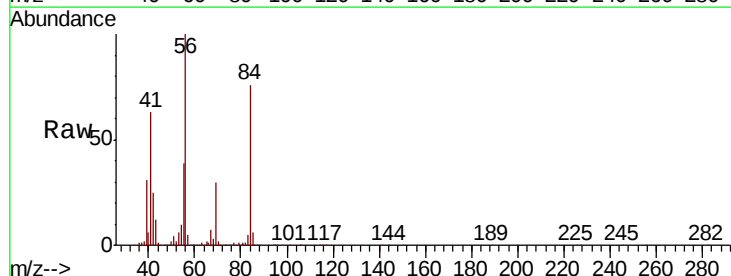
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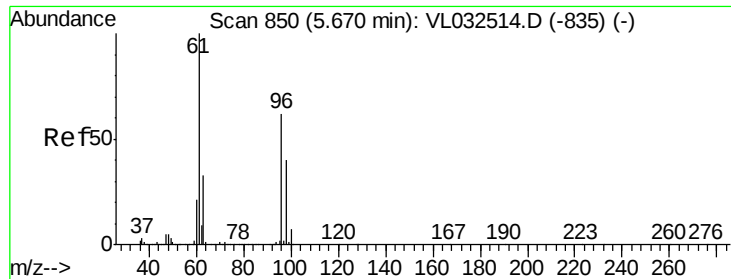
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#30
Cyclohexane
Concen: 12.039 ppbv
RT: 7.28 min Scan# 1350
Delta R.T. -0.02 min
Lab File: VL032514.D
Acq: 24 Sep 2018 16:26

Tgt Ion: 84 Resp: 1325246
Ion Ratio Lower Upper
84 100
56 142.4 113.5 170.3
41 84.9 68.1 102.1





#31

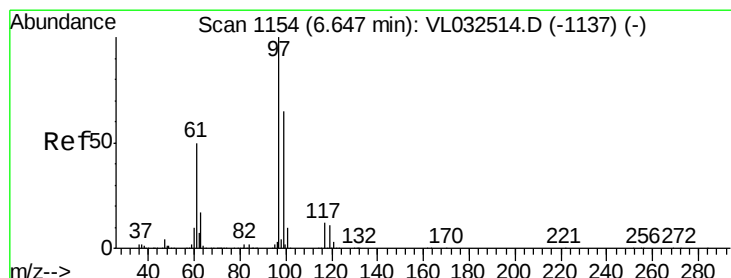
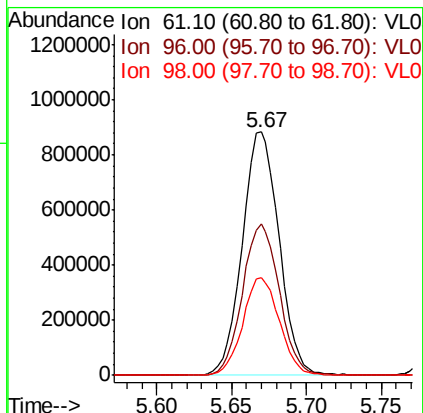
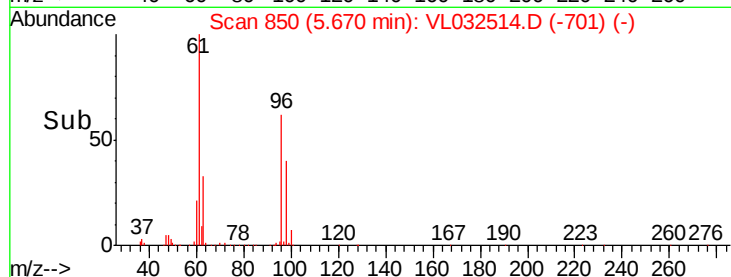
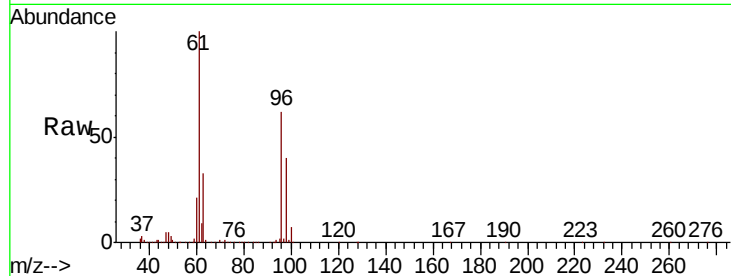
cis-1,2-Dichloroethene
 Concen: 11.112 ppbv
 RT: 5.67 min Scan# 850
 Delta R.T. -0.02 min
 Lab File: VL032514.D
 Acq: 24 Sep 2018 16:26

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tot Ion	Ratio	Lower	Upper
61	100		
96	62.1	49.2	73.8
98	40.3	30.7	46.1

Manual Integrations
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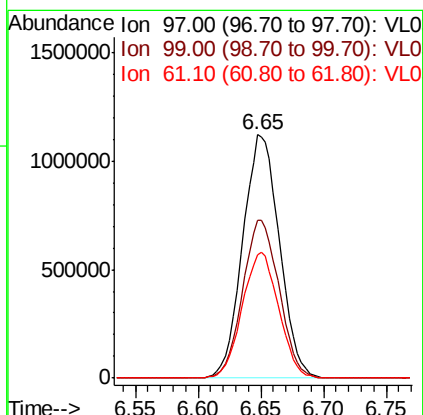
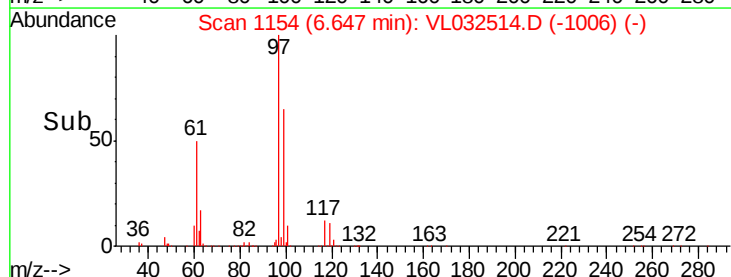
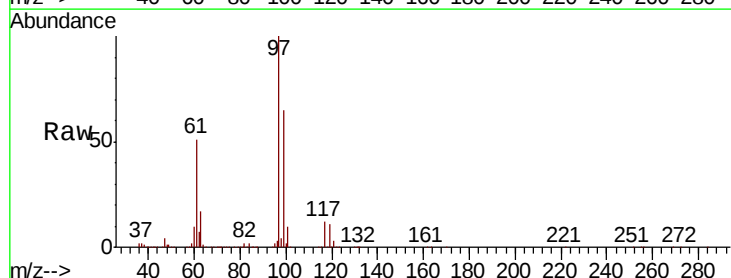
apatel
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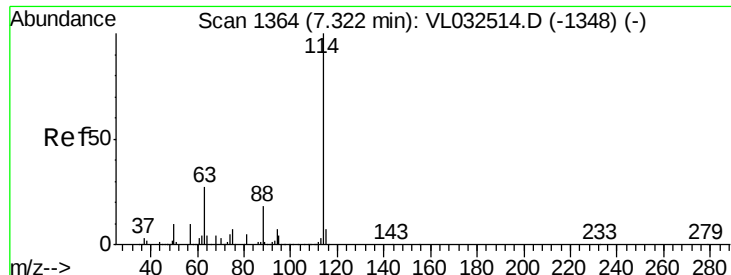


#32

1,1,1-Trichloroethane
 Concen: 10.689 ppbv
 RT: 6.65 min Scan# 1154
 Delta R.T. -0.02 min
 Lab File: VL032514.D
 Acq: 24 Sep 2018 16:26

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	52.1	78.1
61	51.5	42.5	63.7





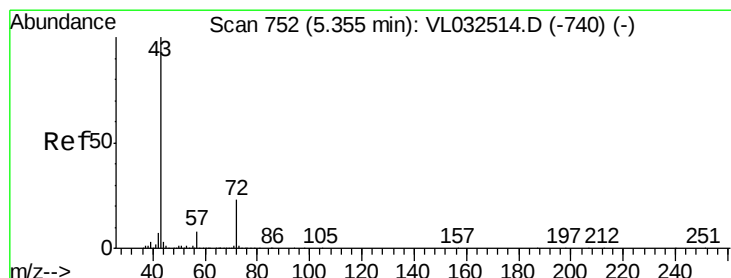
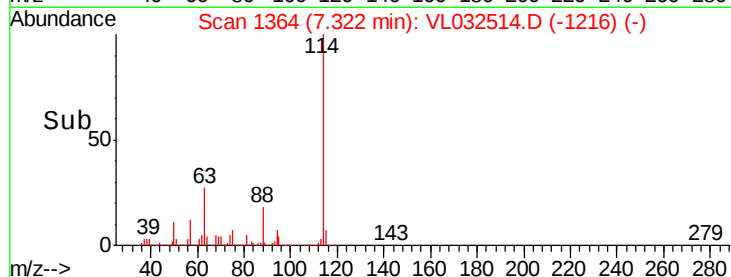
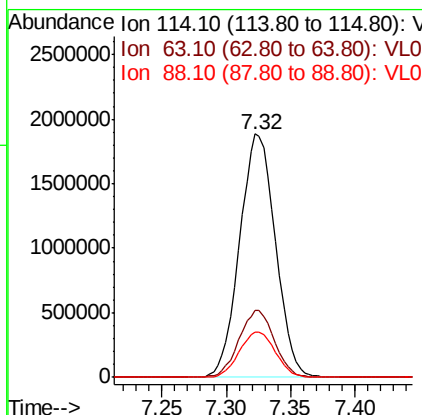
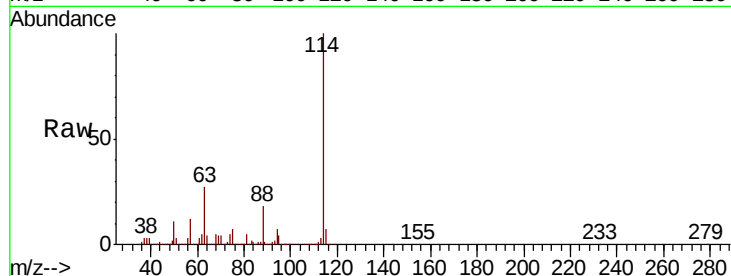
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.32 min Scan# 1364
 Delta R.T. -0.02 min
 Lab File: VL032514.D
 Acq: 24 Sep 2018 16:26

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tot Ion:114 Resp: 3645194
 Ion Ratio Lower Upper
 114 100
 63 27.4 22.2 33.4
 88 18.8 15.0 22.4

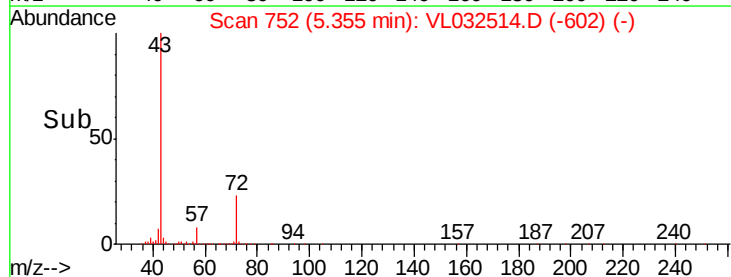
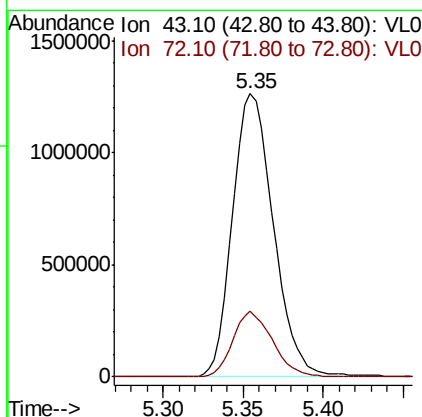
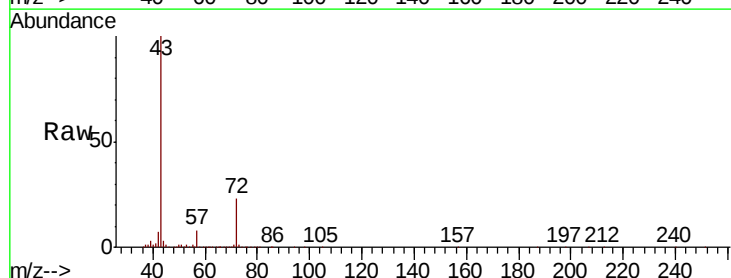
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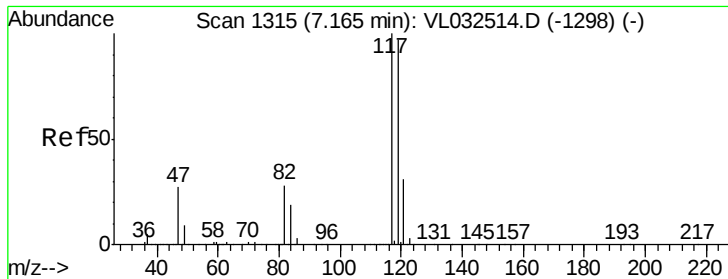
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#34
 2-Butanone
 Concen: 9.059 ppbv
 RT: 5.35 min Scan# 752
 Delta R.T. -0.02 min
 Lab File: VL032514.D
 Acq: 24 Sep 2018 16:26

Tgt Ion: 43 Resp: 2193451
 Ion Ratio Lower Upper
 43 100
 72 22.6 17.8 26.6





#35

Carbon Tetrachloride

Concen: 9.386 ppbv

RT: 7.16 min Scan# 1315

Delta R.T. -0.02 min

Lab File: VL032514.D

Acq: 24 Sep 2018 16:26

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tot Ion:117 Resp: 2299498

Ion Ratio Lower Upper

117 100

119 97.1 76.6 115.0

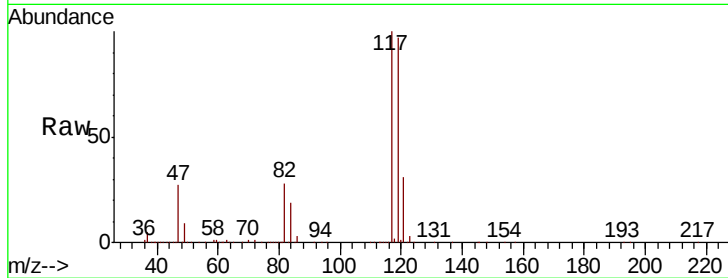
121 30.9 24.6 36.8

Manual Integrations

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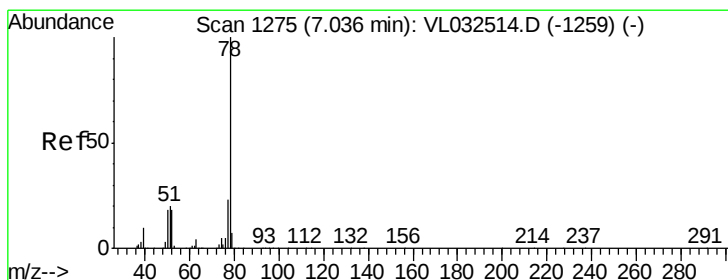
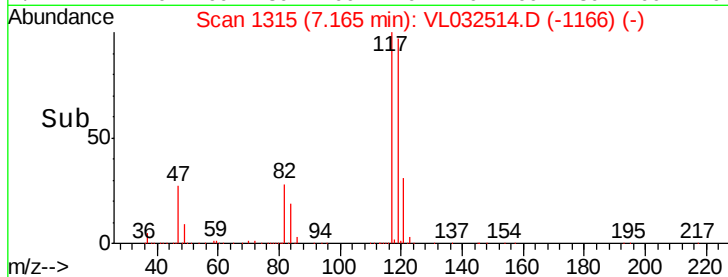
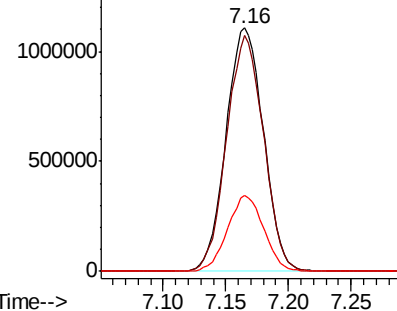
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Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#36

Benzene

Concen: 9.631 ppbv

RT: 7.04 min Scan# 1275

Delta R.T. -0.02 min

Lab File: VL032514.D

Acq: 24 Sep 2018 16:26

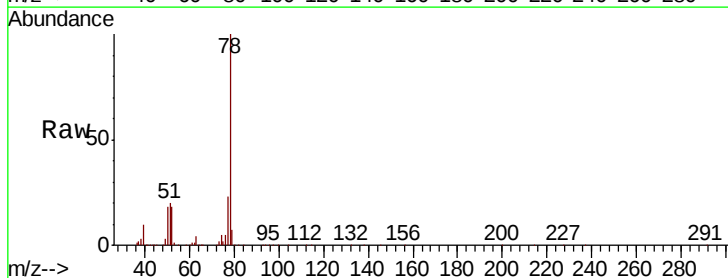
Tgt Ion: 78 Resp: 2987618

Ion Ratio Lower Upper

78 100

77 23.0 18.4 27.6

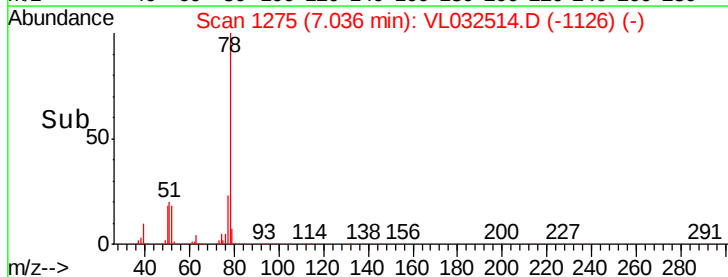
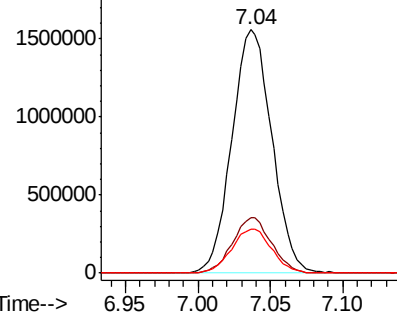
50 18.1 14.4 21.6

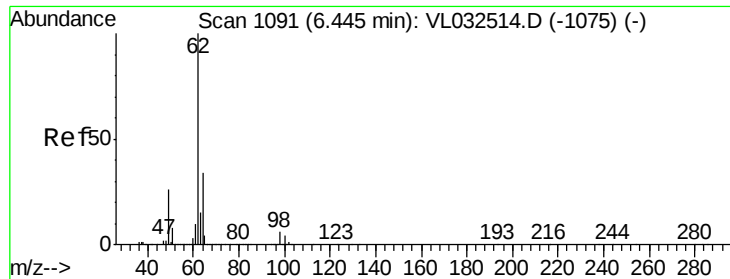


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0





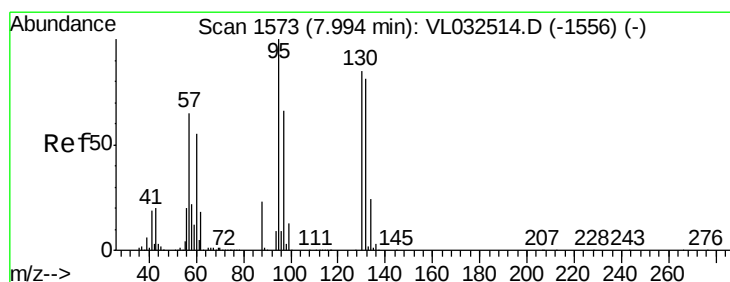
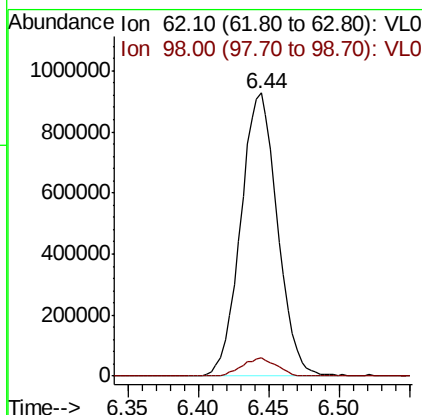
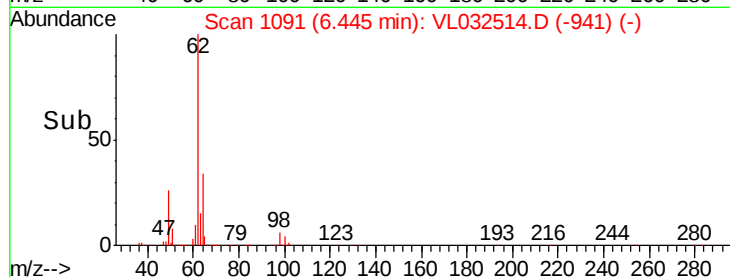
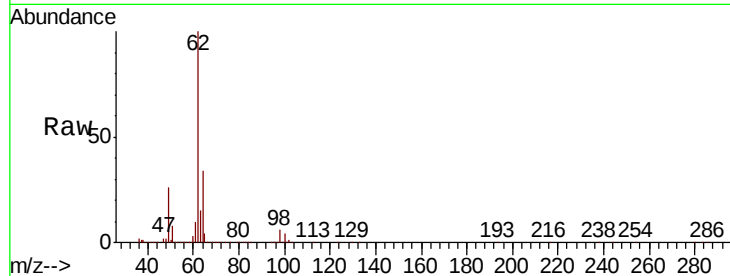
#37
 1,2-Dichloroethane
 Concen: 8.888 ppbv
 RT: 6.44 min Scan# 1091
 Delta R.T. -0.02 min
 Lab File: VL032514.D
 Acq: 24 Sep 2018 16:26

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tot Ion	Ratio	Lower	Upper
62	100		
98	6.2	5.0	7.6

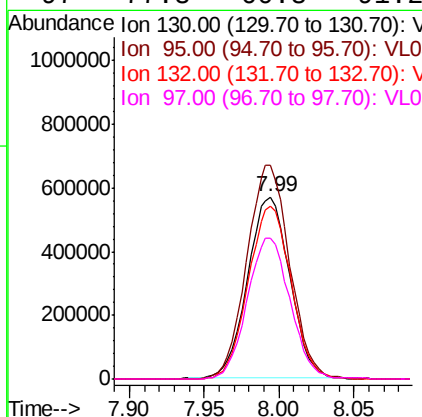
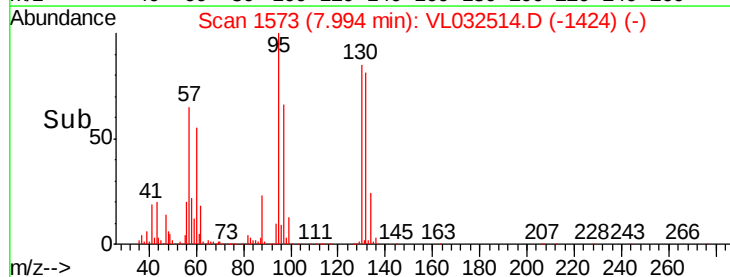
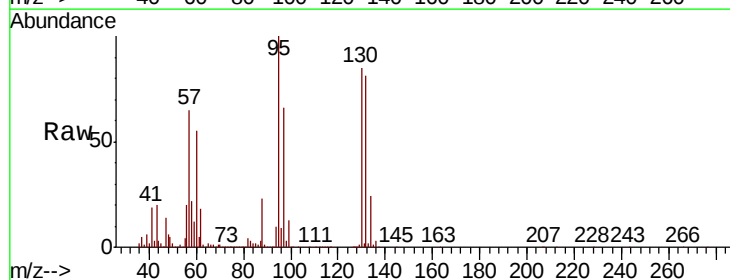
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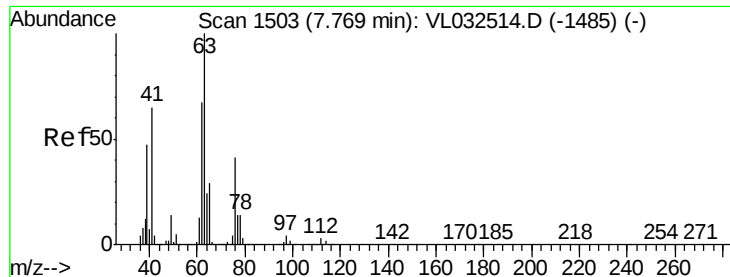
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#38
 Trichloroethene
 Concen: 9.463 ppbv
 RT: 7.99 min Scan# 1573
 Delta R.T. -0.02 min
 Lab File: VL032514.D
 Acq: 24 Sep 2018 16:26

Tgt Ion	Ratio	Lower	Upper
130	100		
95	117.6	94.2	141.4
132	95.3	76.2	114.4
97	77.8	60.8	91.2





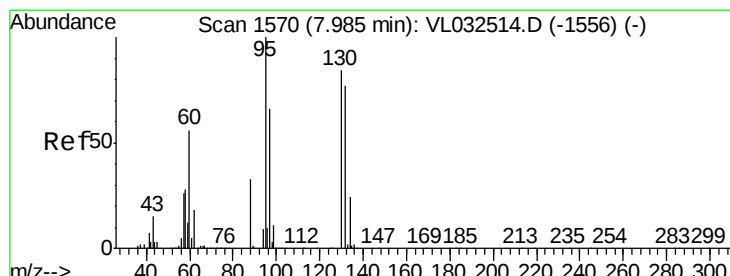
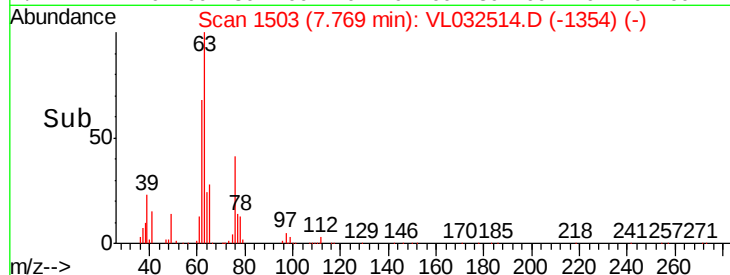
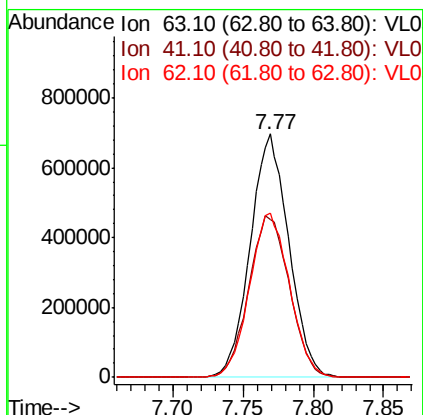
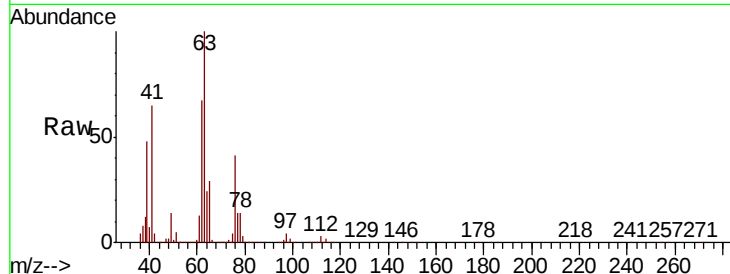
#39
 1,2-Dichloropropane
 Concen: 10.033 ppbv
 RT: 7.77 min Scan# 1503
 Delta R.T. -0.02 min
 Lab File: VL032514.D
 Acq: 24 Sep 2018 16:26

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tot Ion	Ratio	Lower	Upper
63	100		
41	64.8	55.4	83.0
62	67.4	55.4	83.0

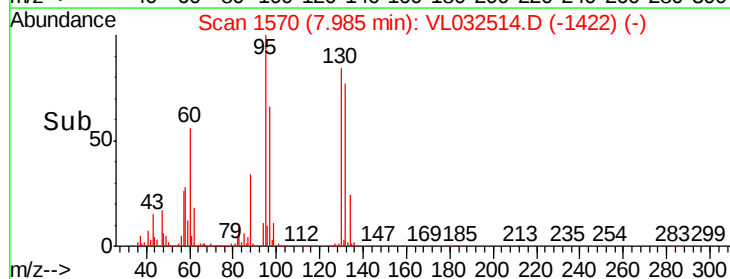
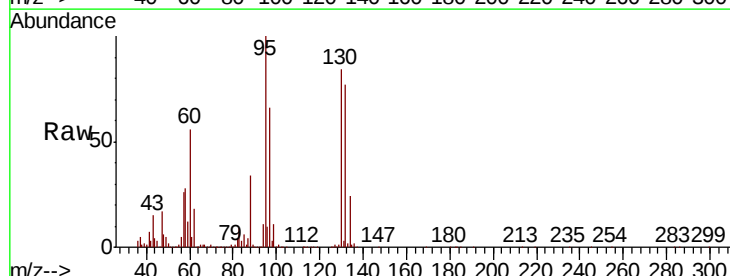
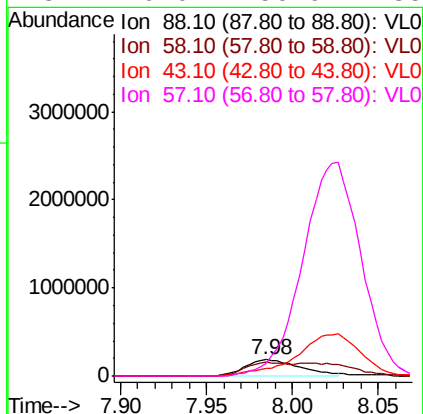
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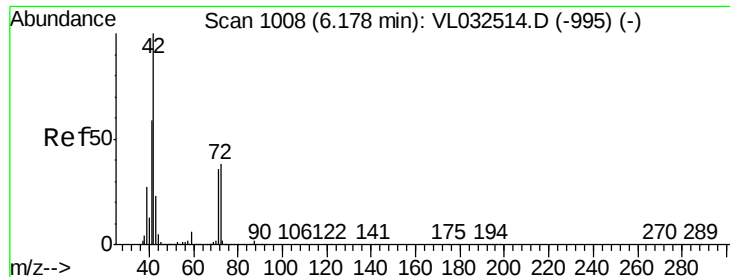
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#40
 1,4-Dioxane
 Concen: 10.171 ppbv
 RT: 7.98 min Scan# 1570
 Delta R.T. -0.02 min
 Lab File: VL032514.D
 Acq: 24 Sep 2018 16:26

Tgt Ion	Ratio	Lower	Upper
88	100		
58	152.7	119.7	179.5
43	0.0	253.0	379.4#
57	0.0	1156.9	1735.3#





#41

Tetrahydrofuran

Concen: 9.819 ppbv

RT: 6.18 min Scan# 1008

Delta R.T. -0.02 min

Lab File: VL032514.D

Acq: 24 Sep 2018 16:26

Instrument :

MSVOA_L

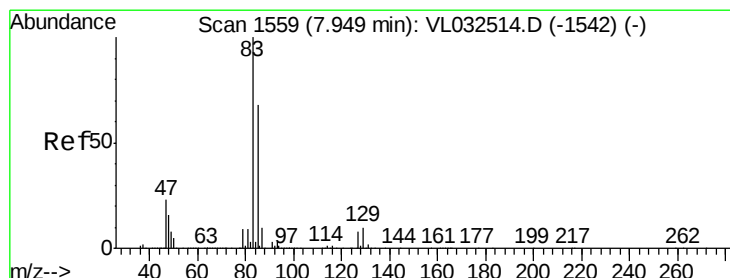
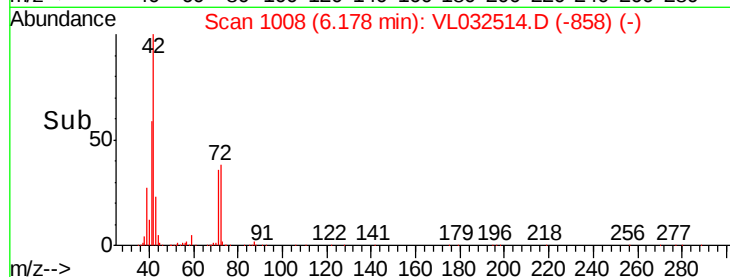
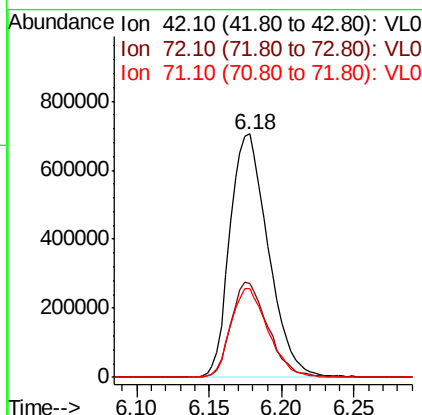
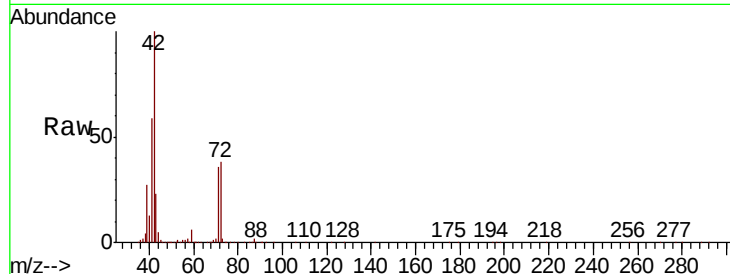
ClientSampleId :

VSTDICCC010

Tot Ion:	42	Resp:	1294255
Ion	Ratio	Lower	Upper
42	100		
72	37.9	29.5	44.3
71	35.7	28.3	42.5

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#42

Bromodichloromethane

Concen: 9.836 ppbv

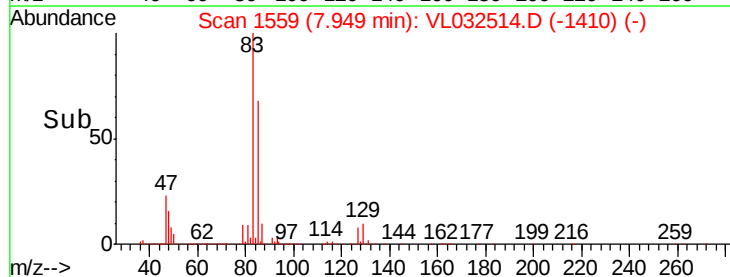
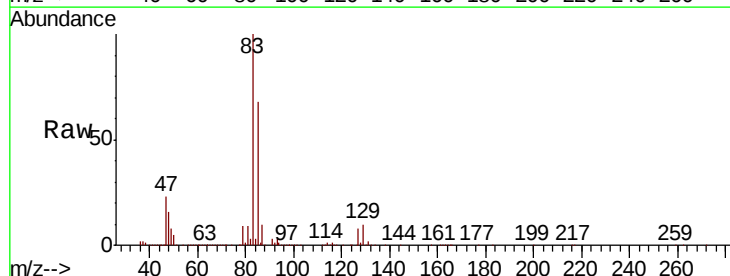
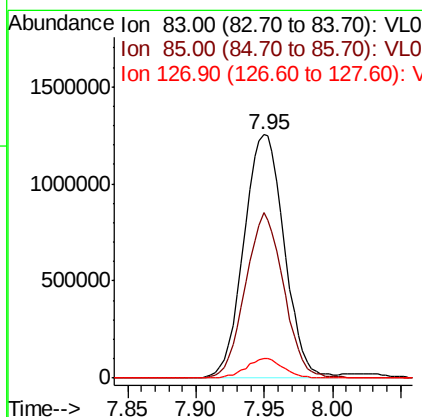
RT: 7.95 min Scan# 1559

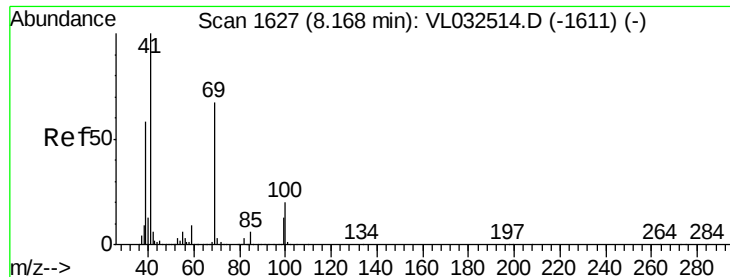
Delta R.T. -0.02 min

Lab File: VL032514.D

Acq: 24 Sep 2018 16:26

Tgt Ion:	83	Resp:	2578927
Ion	Ratio	Lower	Upper
83	100		
85	67.8	51.1	76.7
127	7.9	5.8	8.8





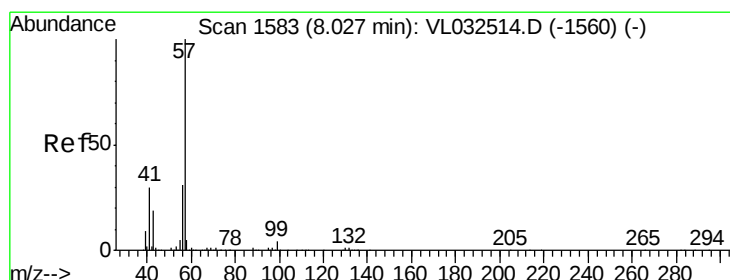
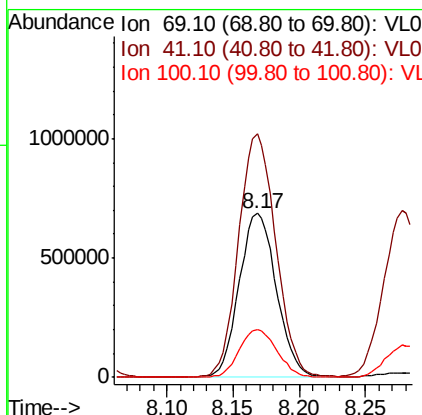
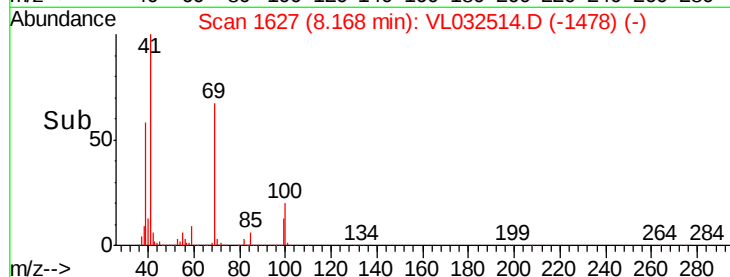
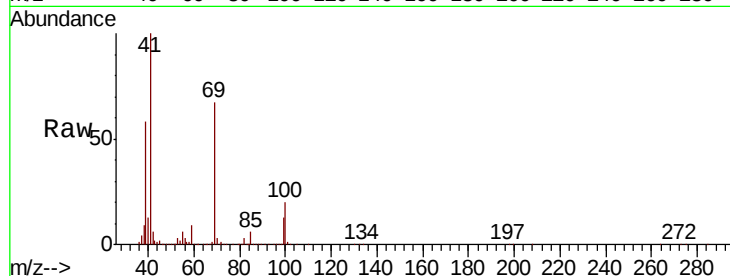
#43
Methvl Methacrilate
Concen: 10.216 ppbv
RT: 8.17 min Scan# 1627
Delta R.T. -0.02 min
Lab File: VL032514.D
Acq: 24 Sep 2018 16:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tot Ion: 69 Resp: 1344476
Ion Ratio Lower Upper
69 100
41 147.4 117.1 175.7
100 29.5 23.4 35.2

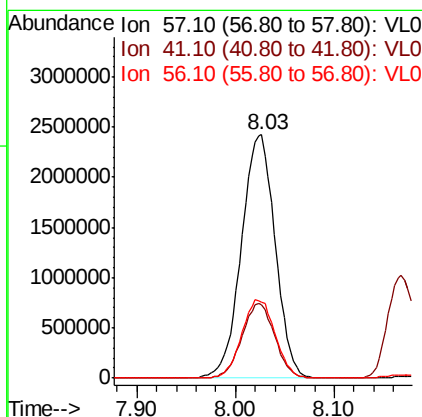
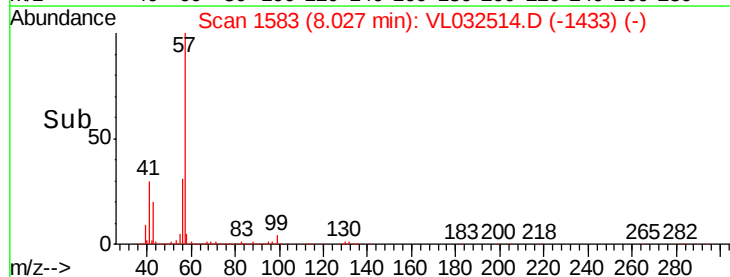
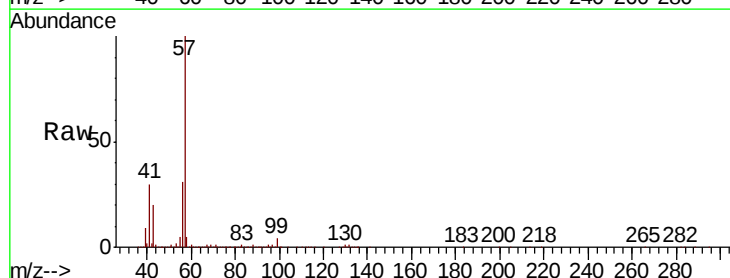
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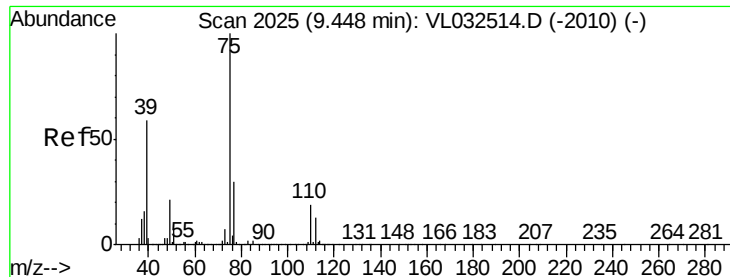
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#44
2,2,4-Trimethylpentane
Concen: 9.548 ppbv
RT: 8.03 min Scan# 1583
Delta R.T. -0.02 min
Lab File: VL032514.D
Acq: 24 Sep 2018 16:26

Tgt Ion: 57 Resp: 5726508
Ion Ratio Lower Upper
57 100
41 29.7 24.4 36.6
56 31.8 25.7 38.5





#45

t-1,3-Dichloropropene

Concen: 13.478 ppbv

RT: 9.45 min Scan# 2025

Delta R.T. -0.02 min

Lab File: VL032514.D

Acq: 24 Sep 2018 16:26

Instrument :

MSVOA_L

ClientSampled :

VSTDICCC010

Tot Ion: 75 Resp: 1898079

Ion Ratio Lower Upper

75 100

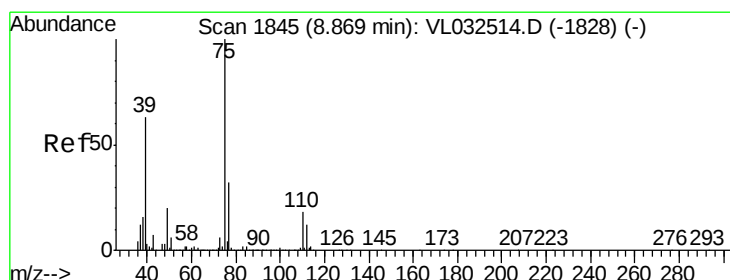
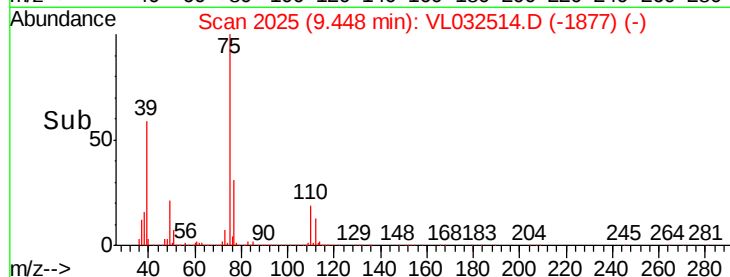
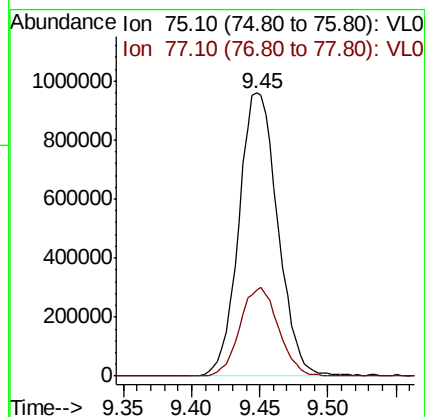
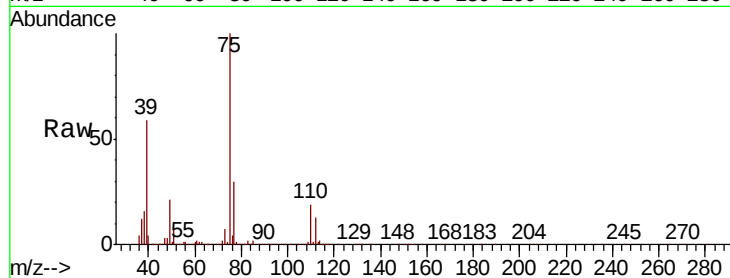
77 30.5 26.2 39.2

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#46

cis-1,3-Dichloropropene

Concen: 11.548 ppbv

RT: 8.87 min Scan# 1845

Delta R.T. -0.02 min

Lab File: VL032514.D

Acq: 24 Sep 2018 16:26

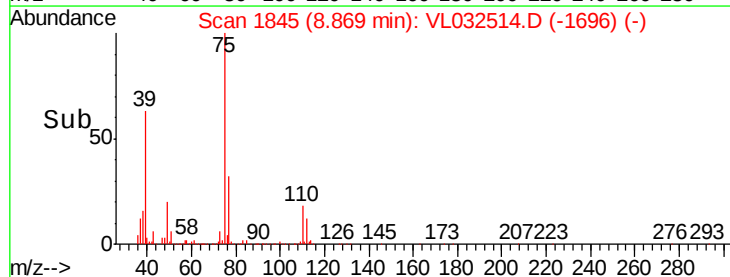
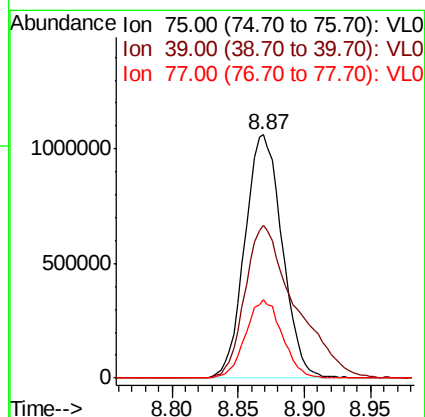
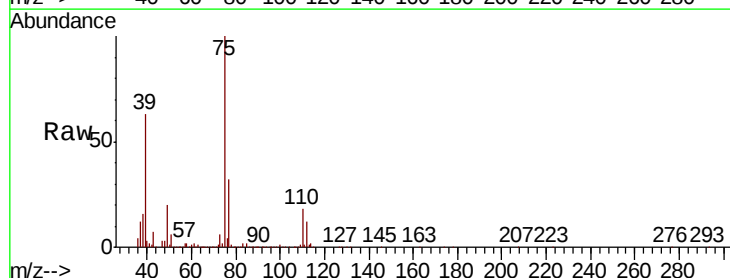
Tgt Ion: 75 Resp: 2078143

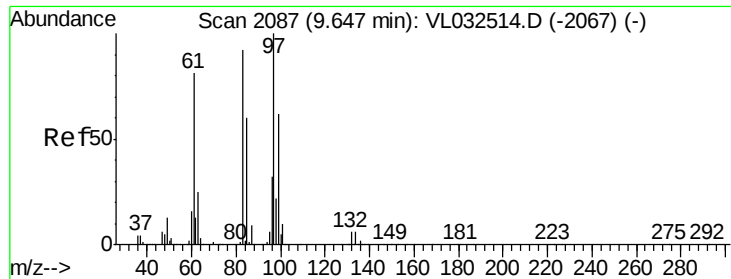
Ion Ratio Lower Upper

75 100

39 62.8 48.9 73.3

77 32.3 25.4 38.0





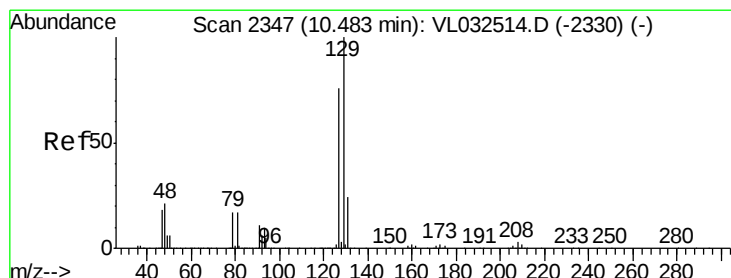
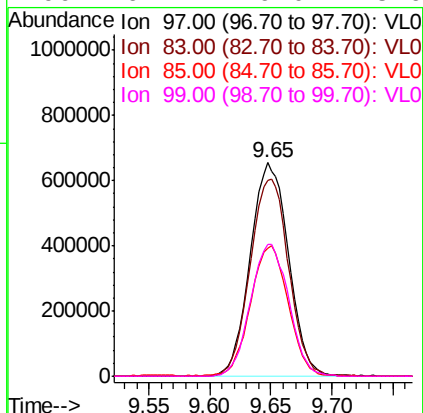
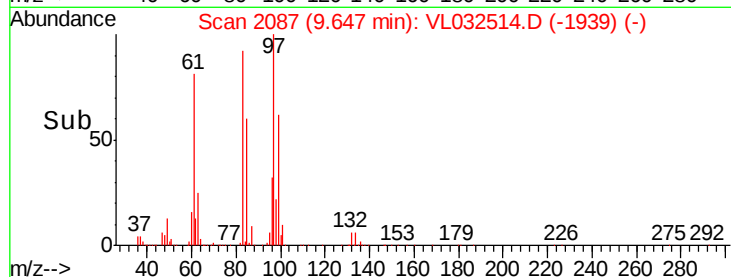
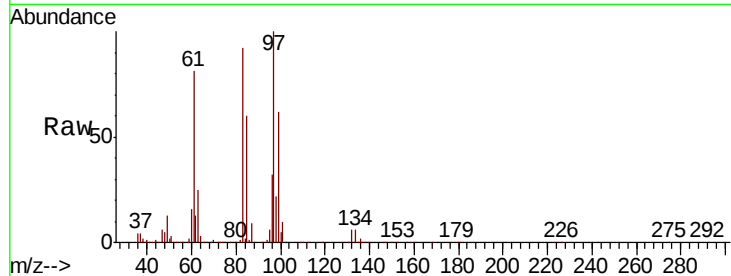
#47
 1,1,2-Trichloroethane
 Concen: 10.048 ppbv
 RT: 9.65 min Scan# 2087
 Delta R.T. -0.02 min
 Lab File: VL032514.D
 Acq: 24 Sep 2018 16:26

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tot Ion	Ratio	Lower	Upper
97	100		
83	91.9	75.0	112.4
85	59.8	47.5	71.3
99	61.7	49.0	73.6

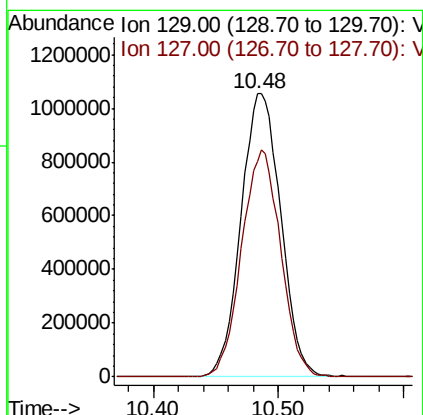
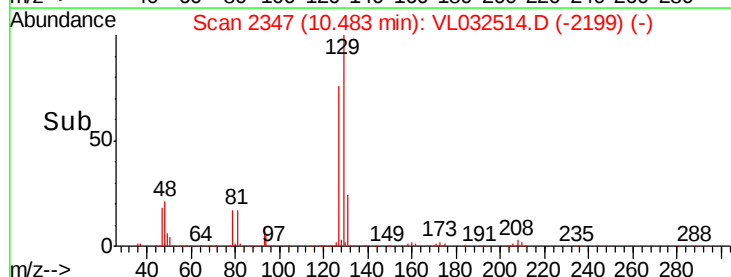
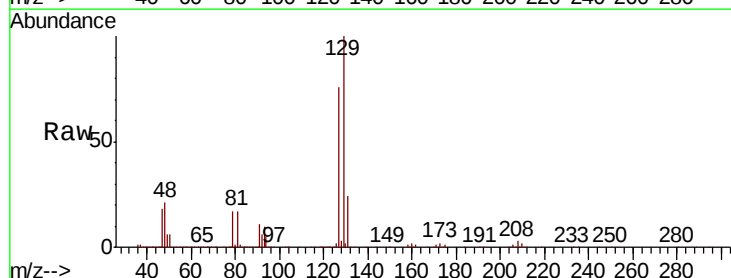
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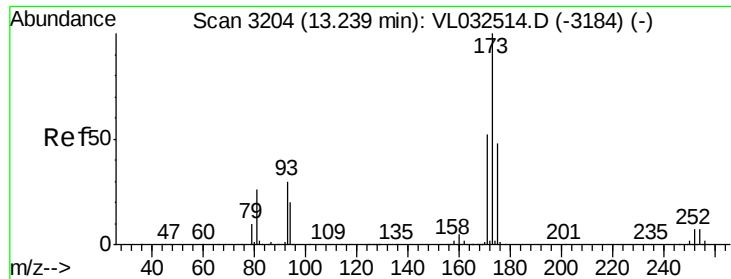
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#48
 Dibromochloromethane
 Concen: 11.895 ppbv
 RT: 10.48 min Scan# 2347
 Delta R.T. -0.02 min
 Lab File: VL032514.D
 Acq: 24 Sep 2018 16:26

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.9	39.5	118.3





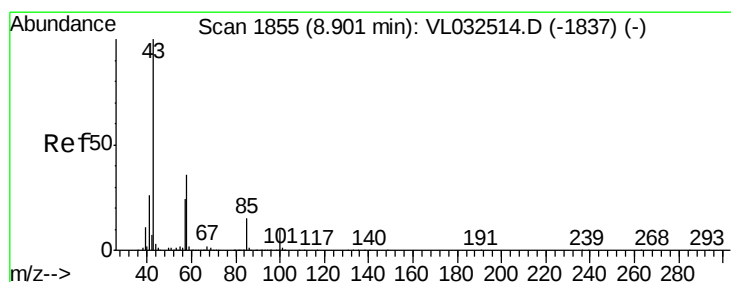
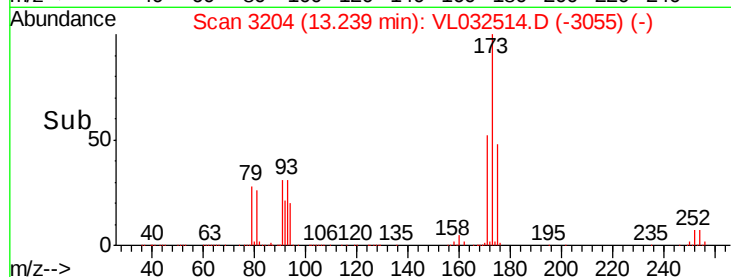
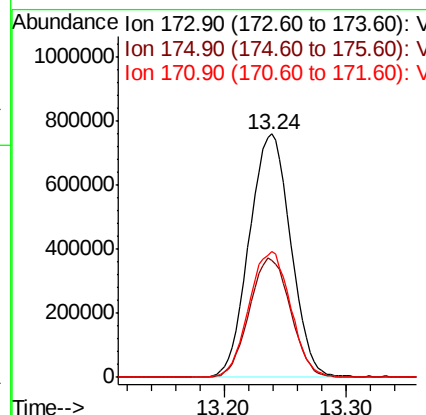
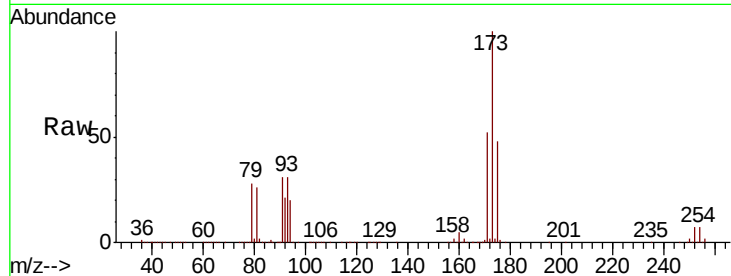
#49
Bromoform
Concen: 10.521 ppbv
RT: 13.24 min Scan# 3204
Delta R.T. -0.02 min
Lab File: VL032514.D
Acq: 24 Sep 2018 16:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tot Ion:173 Resp: 1787232
Ion Ratio Lower Upper
173 100
175 48.9 38.9 58.3
171 52.2 41.6 62.4

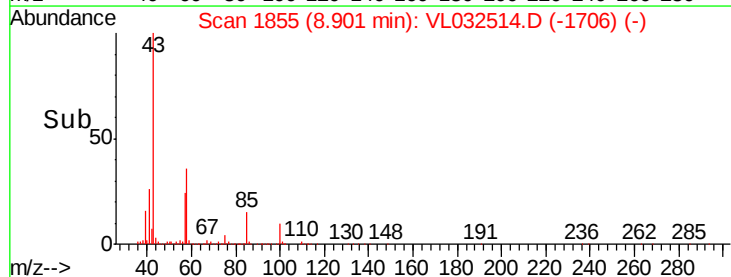
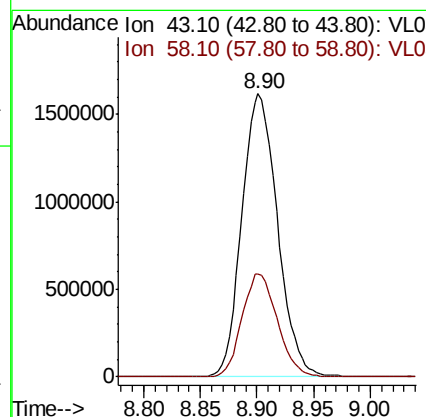
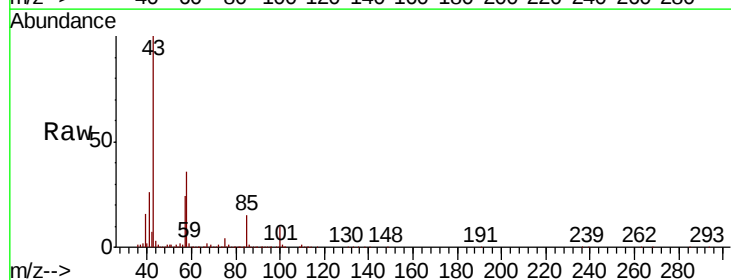
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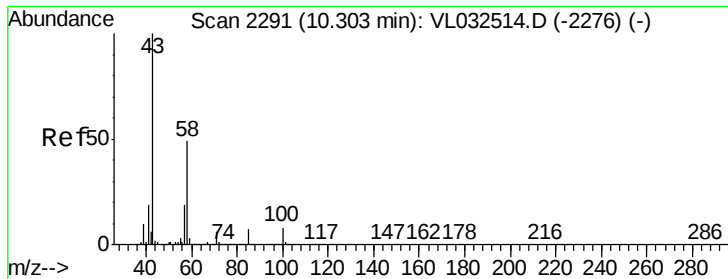
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#50
4-Methyl-2-Pentanone
Concen: 9.740 ppbv
RT: 8.90 min Scan# 1855
Delta R.T. -0.02 min
Lab File: VL032514.D
Acq: 24 Sep 2018 16:26

Tgt Ion: 43 Resp: 3552566
Ion Ratio Lower Upper
43 100
58 36.2 29.0 43.4





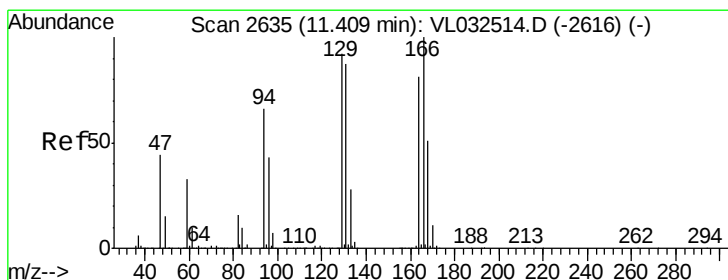
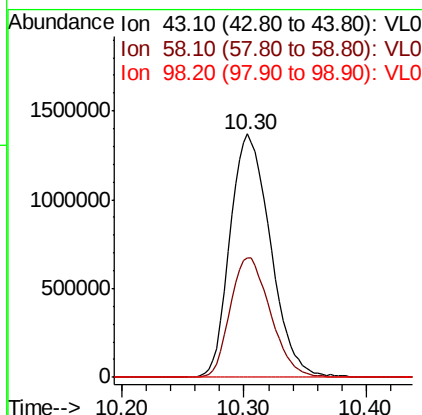
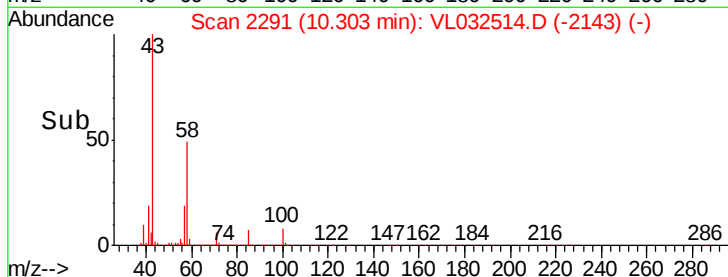
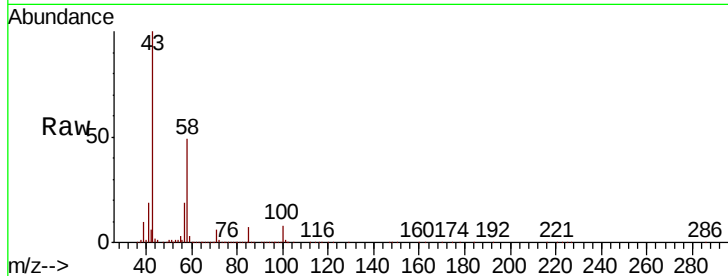
#51
2-Hexanone
Concen: 13.414 ppbv
RT: 10.30 min Scan# 2291
Delta R.T. -0.02 min
Lab File: VL032514.D
Acq: 24 Sep 2018 16:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tot Ion: 43 Resp: 3151451
Ion Ratio Lower Upper
43 100
58 49.0 39.2 58.8
98 0.2 0.4 0.6#

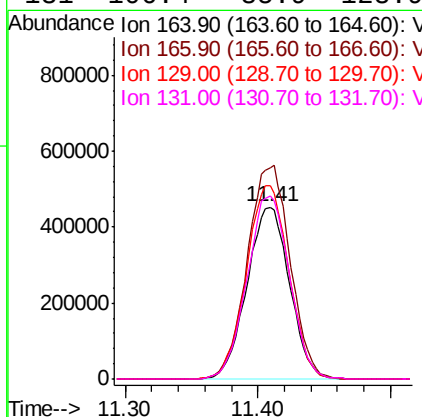
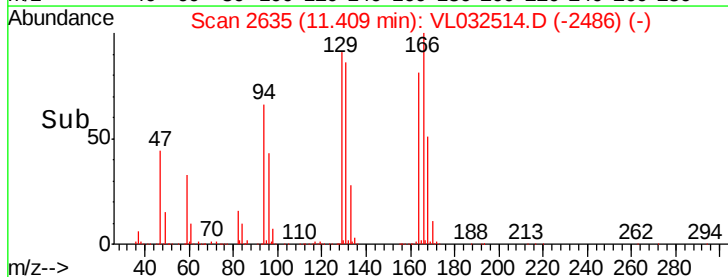
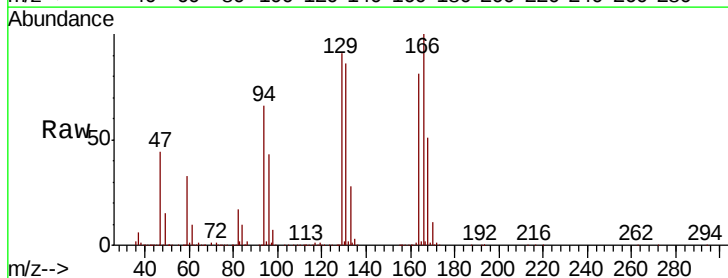
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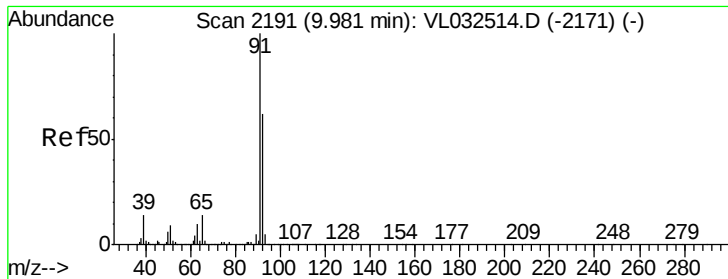
apatel
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#52
Tetrachloroethene
Concen: 10.455 ppbv
RT: 11.41 min Scan# 2635
Delta R.T. -0.02 min
Lab File: VL032514.D
Acq: 24 Sep 2018 16:26

Tgt Ion: 164 Resp: 1005658
Ion Ratio Lower Upper
164 100
166 122.9 100.6 150.8
129 112.5 89.9 134.9
131 106.4 85.9 128.9





#53

Toluene

Concen: 12.295 ppbv

RT: 9.98 min Scan# 2191

Delta R.T. -0.02 min

Lab File: VL032514.D

Acq: 24 Sep 2018 16:26

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tot Ion: 91 Resp: 3986756

Ion Ratio Lower Upper

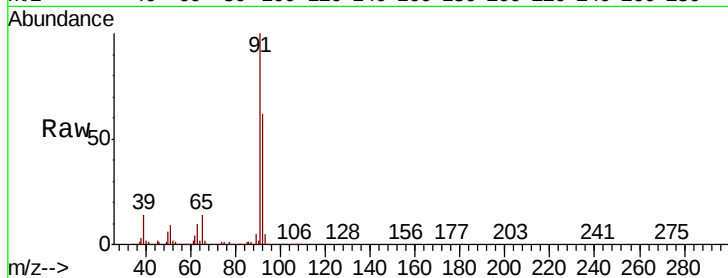
91 100

92 61.2 48.1 72.1

Manual Integrations
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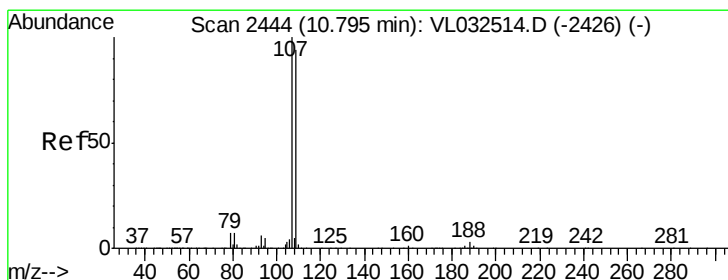
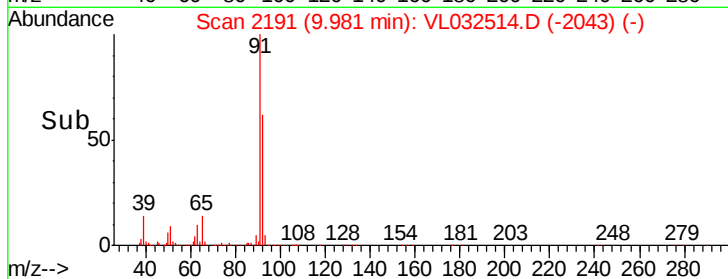
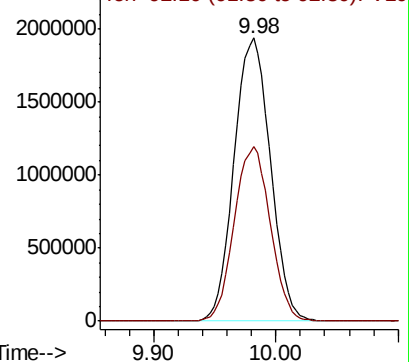
apatel

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Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0



#54

1,2-Dibromoethane

Concen: 11.319 ppbv

RT: 10.79 min Scan# 2444

Delta R.T. -0.02 min

Lab File: VL032514.D

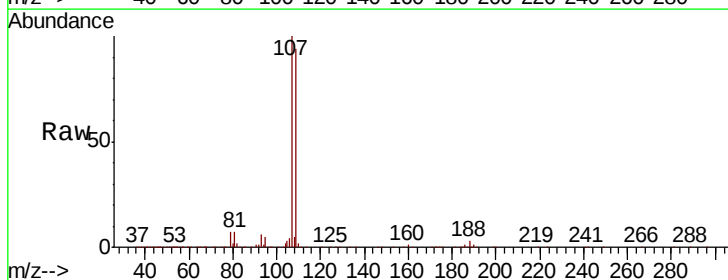
Acq: 24 Sep 2018 16:26

Tgt Ion:107 Resp: 2144520

Ion Ratio Lower Upper

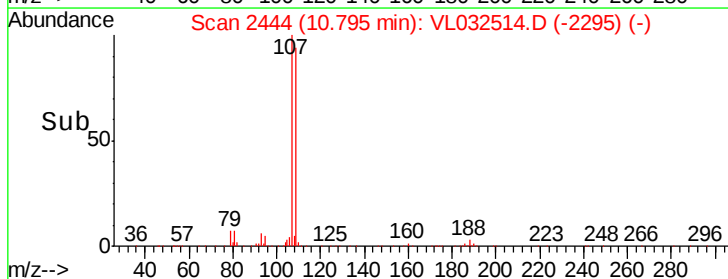
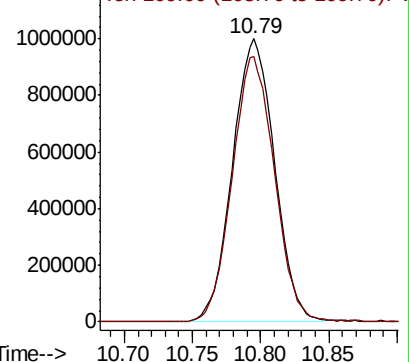
107 100

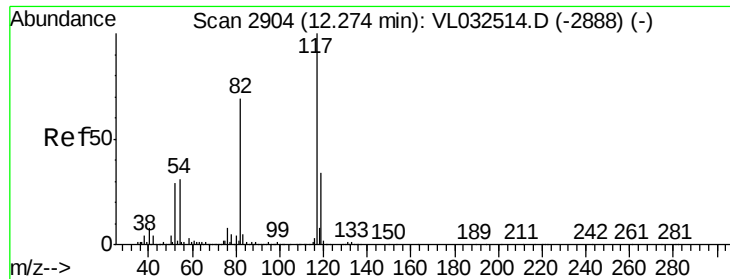
109 93.9 73.9 110.9



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





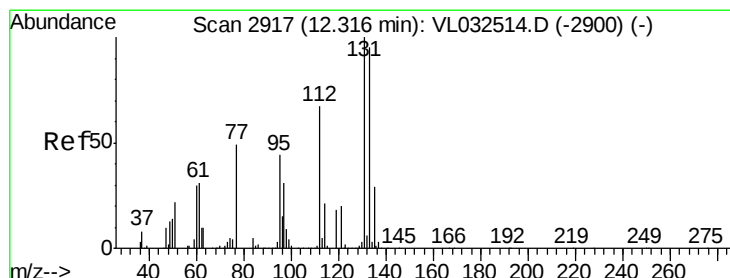
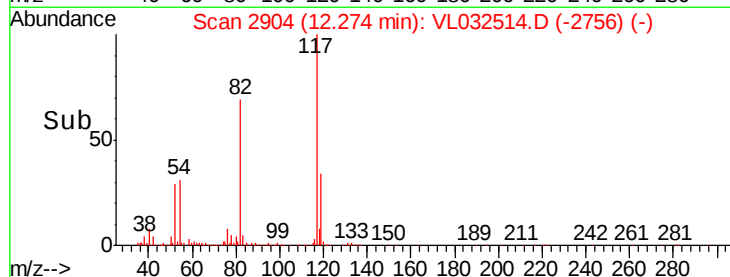
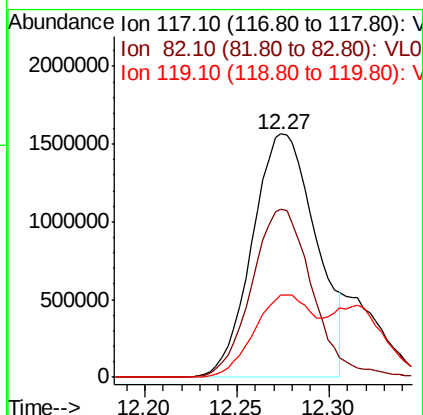
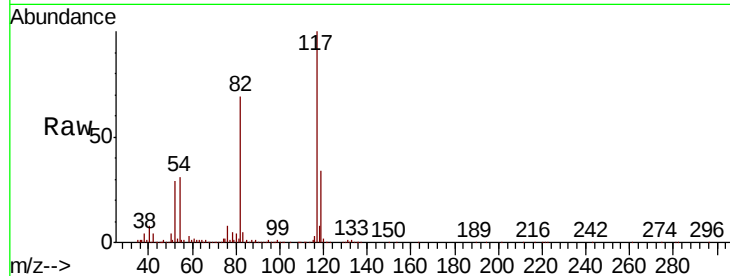
#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.27 min Scan# 2904
Delta R.T. -0.02 min
Lab File: VL032514.D
Acq: 24 Sep 2018 16:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tot Ion:117 Resp: 3787060
Ion Ratio Lower Upper
117 100
82 65.9 53.0 79.6
119 34.0 45.9 68.9#

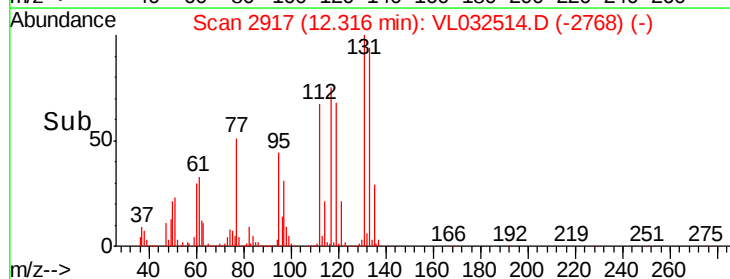
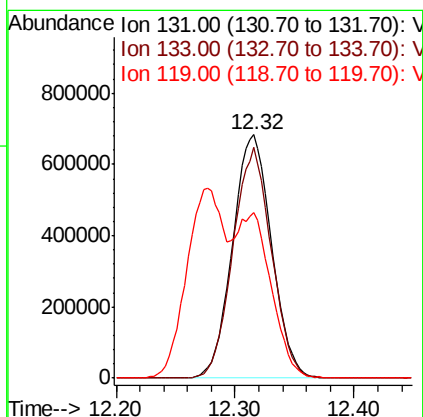
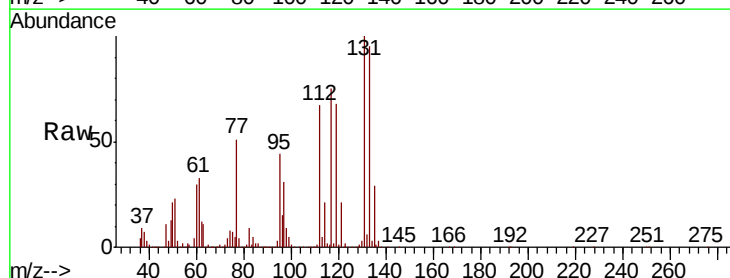
Manual Integrations
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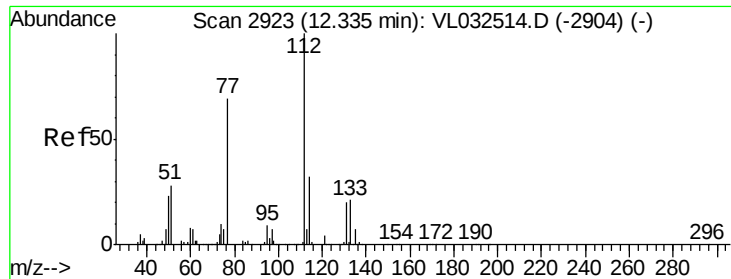
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#56
1,1,1,2-Tetrachloroethane
Concen: 9.041 ppbv
RT: 12.32 min Scan# 2917
Delta R.T. -0.02 min
Lab File: VL032514.D
Acq: 24 Sep 2018 16:26

Tgt Ion:131 Resp: 1543671
Ion Ratio Lower Upper
131 100
133 94.0 77.0 115.4
119 61.4 114.2 171.2#





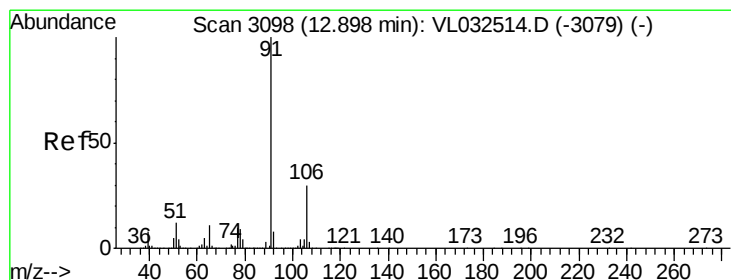
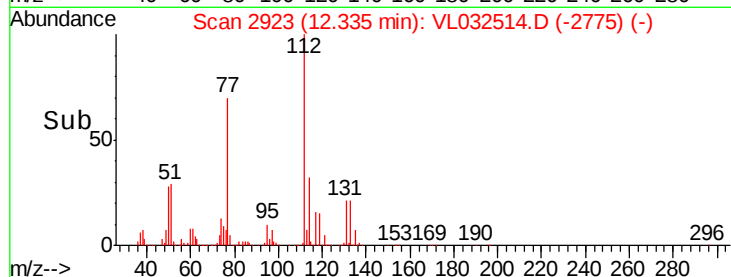
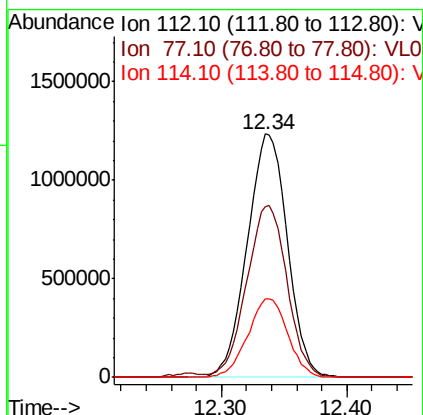
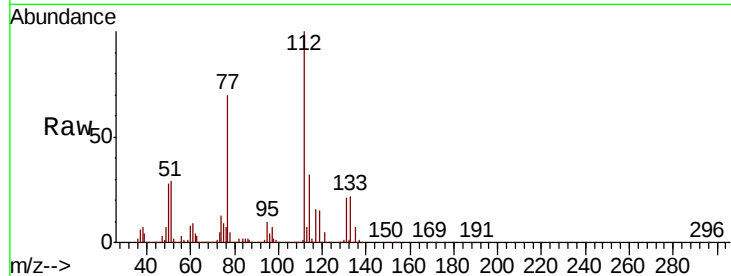
#57
Chlorobenzene
Concen: 9.087 ppbv
RT: 12.34 min Scan# 2923
Delta R.T. -0.02 min
Lab File: VL032514.D
Acq: 24 Sep 2018 16:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tot Ion	Ratio	Lower	Upper
112	100		
77	69.8	56.1	84.1
114	32.2	27.8	34.0

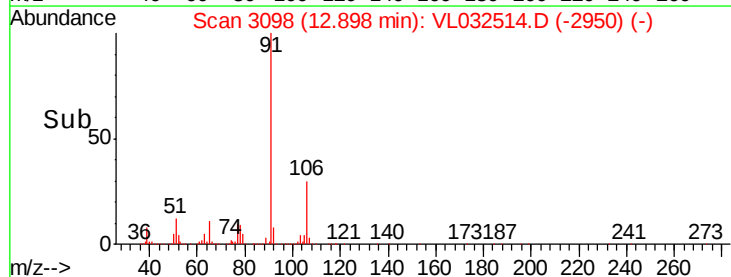
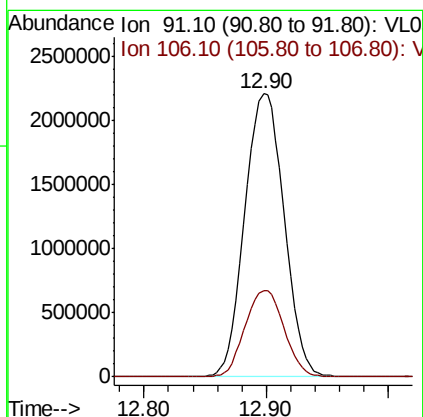
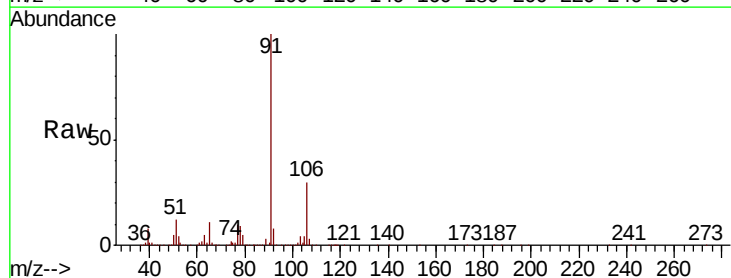
Manual Integrations
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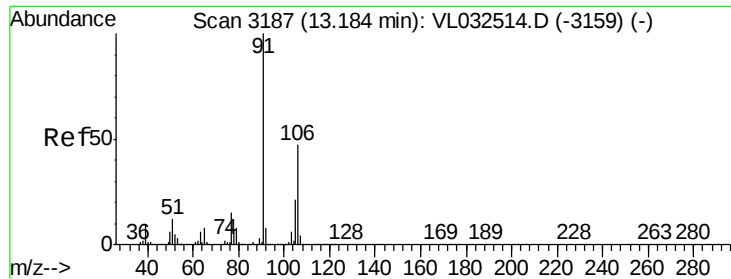
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#58
Ethyl Benzene
Concen: 10.869 ppbv
RT: 12.90 min Scan# 3098
Delta R.T. -0.02 min
Lab File: VL032514.D
Acq: 24 Sep 2018 16:26

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.4	24.8	37.2





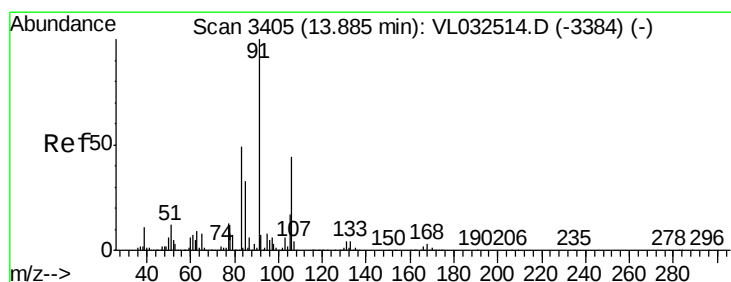
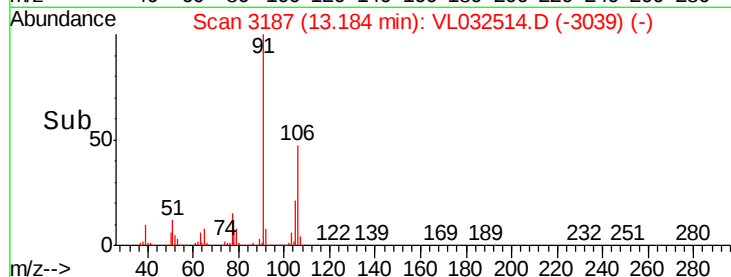
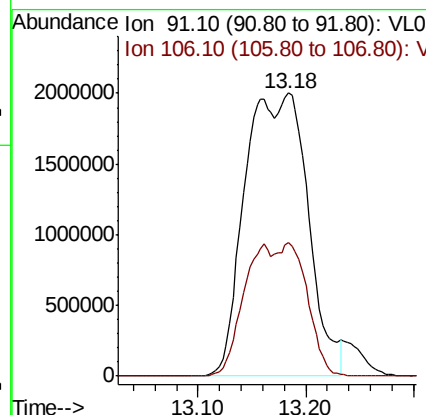
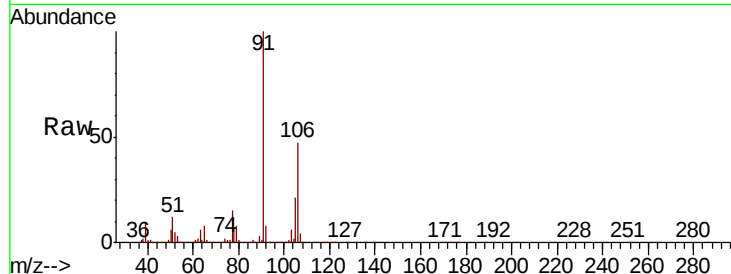
#59
m/p-Xylene
Concen: 20.087 ppbv m
RT: 13.18 min Scan# 3187
Delta R.T. -0.02 min
Lab File: VL032514.D
Acq: 24 Sep 2018 16:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tot Ion: 91 Resp: 8116082
Ion Ratio Lower Upper
91 100
106 45.3 36.6 55.0

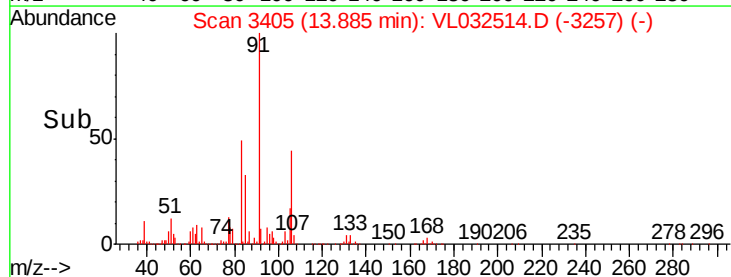
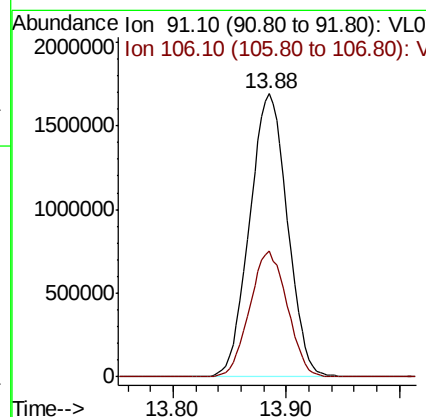
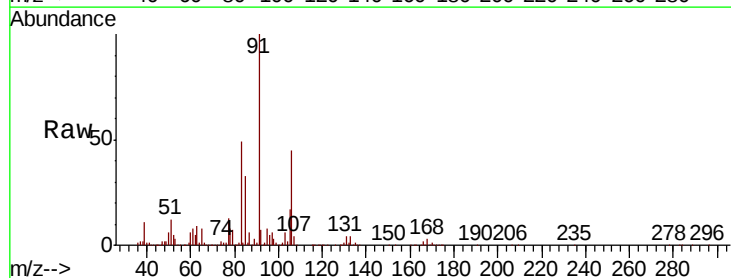
Manual Integrations
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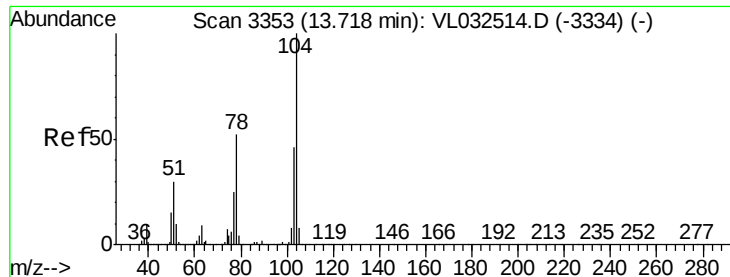
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#60
o-Xylene
Concen: 9.876 ppbv
RT: 13.88 min Scan# 3405
Delta R.T. -0.02 min
Lab File: VL032514.D
Acq: 24 Sep 2018 16:26

Tgt Ion: 91 Resp: 3919495
Ion Ratio Lower Upper
91 100
106 44.3 21.9 65.7





#61

Stvrene

Concen: 11.607 ppbv

RT: 13.72 min Scan# 3353

Delta R.T. -0.02 min

Lab File: VL032514.D

Acq: 24 Sep 2018 16:26

Instrument :

MSVOA_L

ClientSampleId :

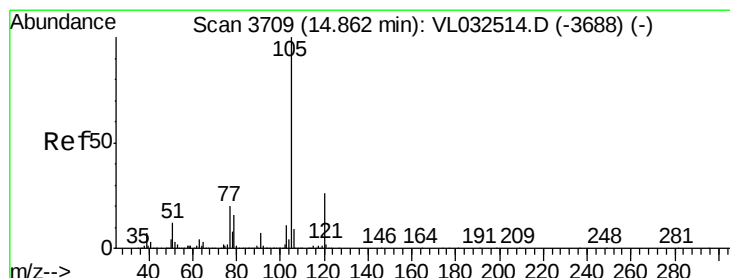
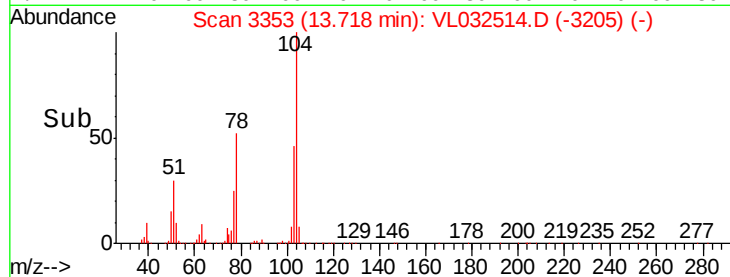
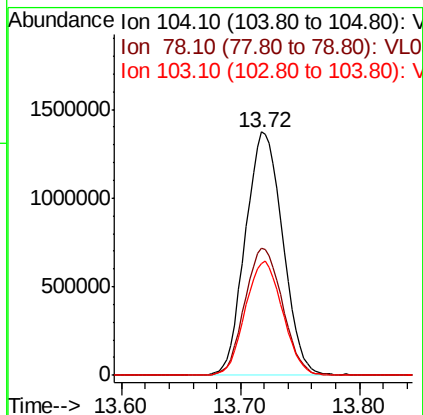
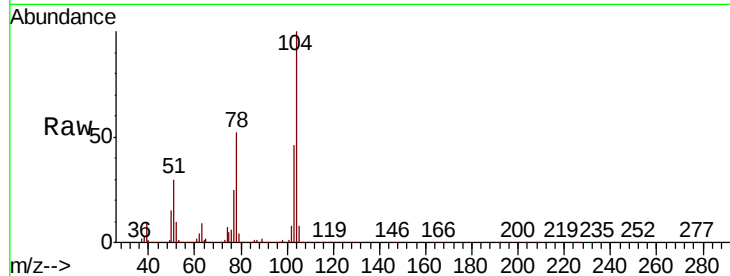
VSTDICCC010

Tot Ion:	104	Resp:	2982404
Ion	Ratio	Lower	Upper
104	100		
78	53.0	41.8	62.8
103	47.0	38.0	57.0

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#62

Isopropylbenzene

Concen: 9.997 ppbv

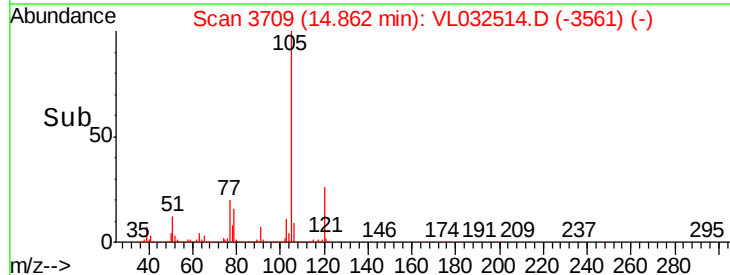
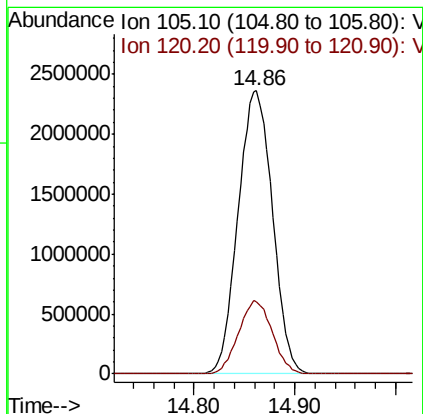
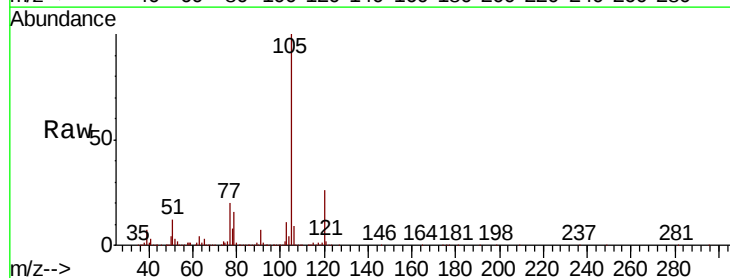
RT: 14.86 min Scan# 3709

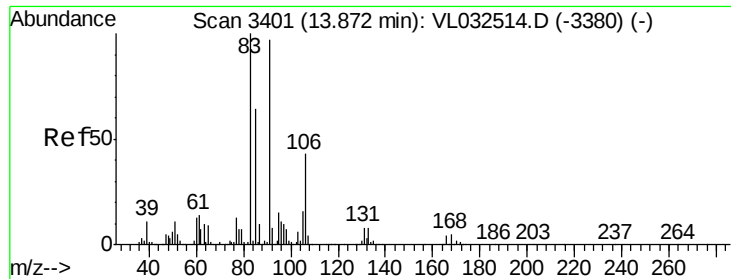
Delta R.T. -0.02 min

Lab File: VL032514.D

Acq: 24 Sep 2018 16:26

Tgt Ion:	105	Resp:	5577384
Ion	Ratio	Lower	Upper
105	100		
120	25.4	20.6	31.0





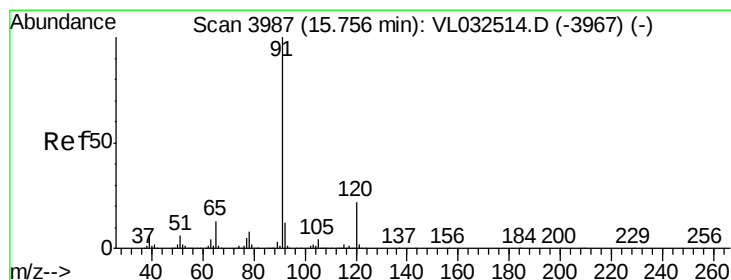
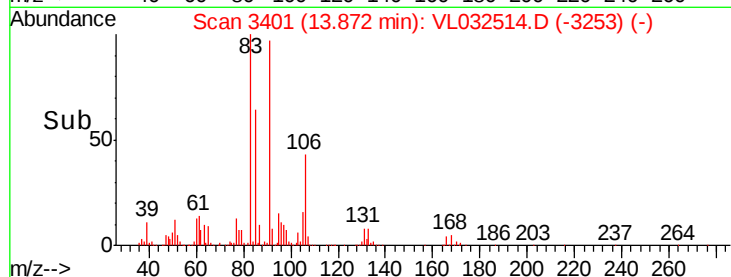
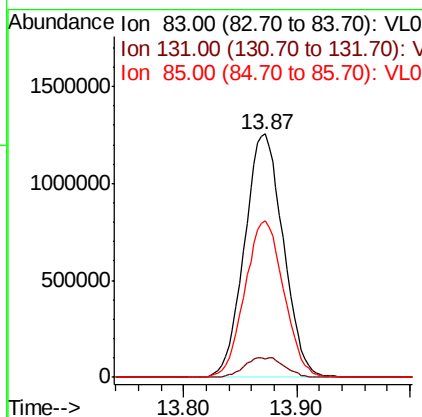
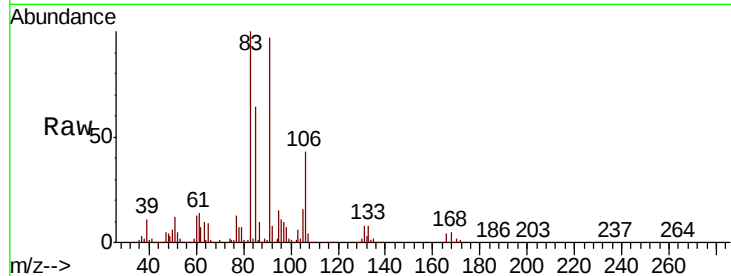
#63
 1,1,2,2-Tetrachloroethane
 Concen: 8.411 ppbv
 RT: 13.87 min Scan# 3401
 Delta R.T. -0.02 min
 Lab File: VL032514.D
 Acq: 24 Sep 2018 16:26

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tot Ion	83	Resp	2984639
Ion Ratio	100	Lower	Upper
83	100		
131	8.5	4.3	12.8
85	64.9	32.3	96.8

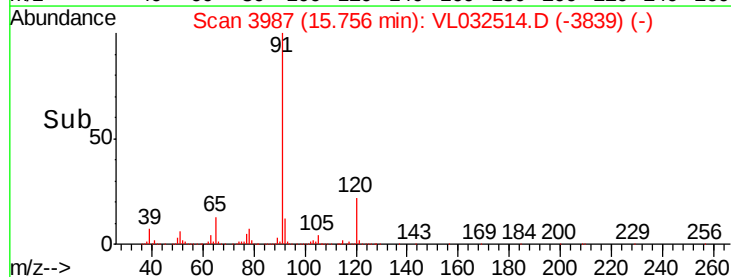
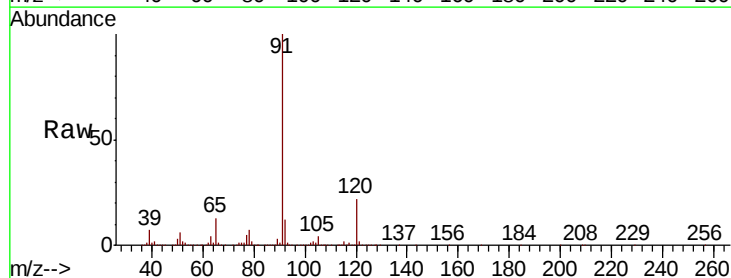
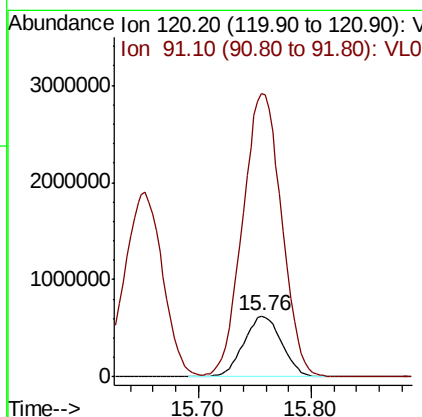
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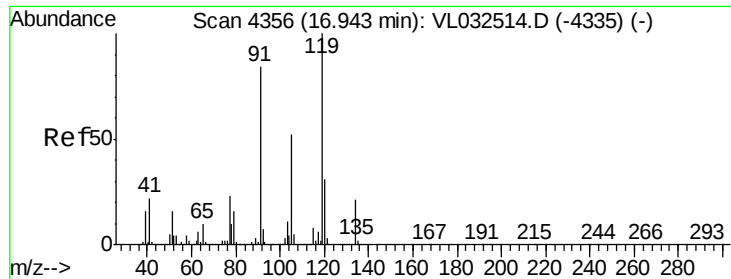
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#64
 n-propylbenzene
 Concen: 9.961 ppbv
 RT: 15.76 min Scan# 3987
 Delta R.T. -0.02 min
 Lab File: VL032514.D
 Acq: 24 Sep 2018 16:26

Tgt Ion	120	Resp	1452912
Ion Ratio	100	Lower	Upper
120	100		
91	480.6	381.8	572.6





#65

tert-Butylbenzene

Concen: 9.655 ppbv

RT: 16.94 min Scan# 4356

Delta R.T. -0.02 min

Lab File: VL032514.D

Acq: 24 Sep 2018 16:26

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tot Ion:119 Resp: 4641842

Ion Ratio Lower Upper

119 100

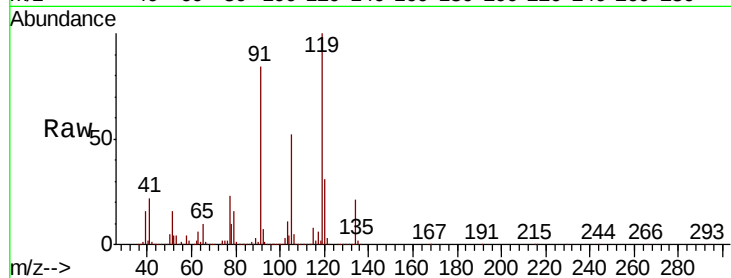
91 83.4 66.5 99.7

134 19.4 16.0 24.0

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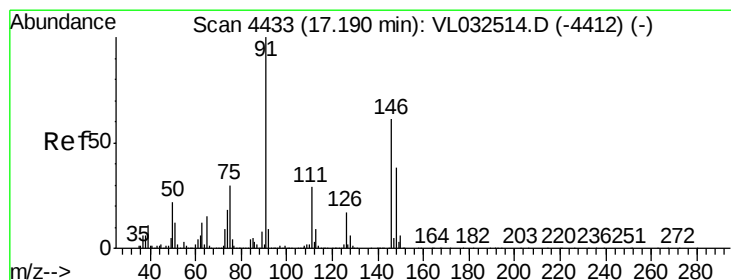
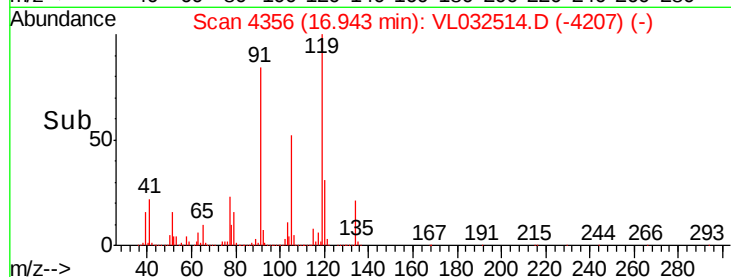
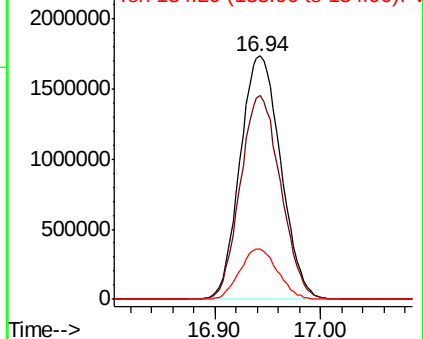
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Abundance Ion 119.20 (118.90 to 119.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 134.20 (133.90 to 134.90): V



#66

Benzyl Chloride

Concen: 11.177 ppbv

RT: 17.19 min Scan# 4433

Delta R.T. -0.02 min

Lab File: VL032514.D

Acq: 24 Sep 2018 16:26

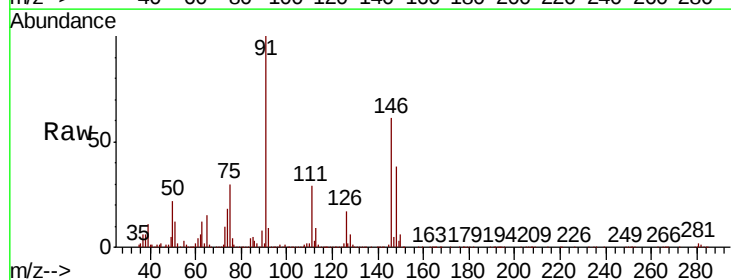
Tgt Ion: 91 Resp: 2993606

Ion Ratio Lower Upper

91 100

126 17.2 13.8 20.8

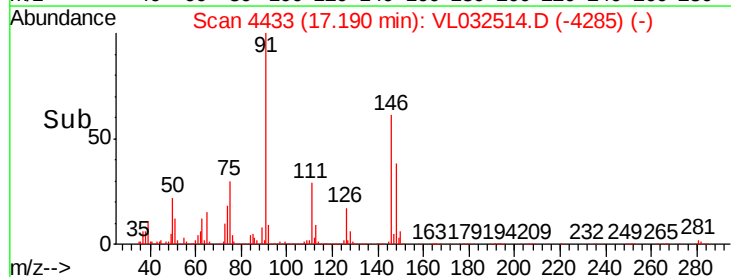
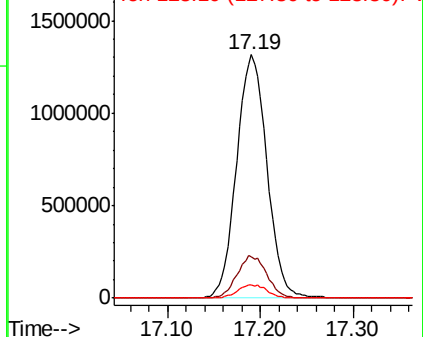
128 5.4 4.4 6.6

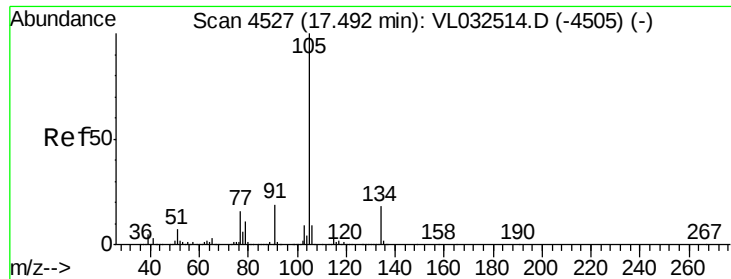


Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V

Ion 128.10 (127.80 to 128.80): V





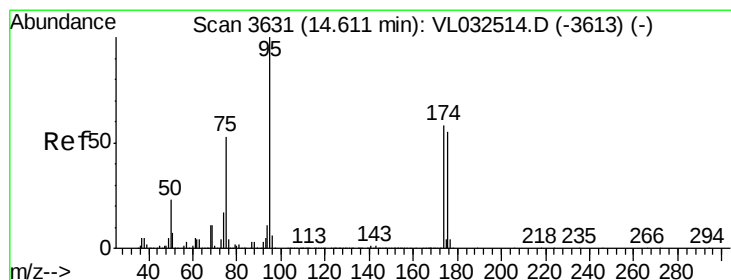
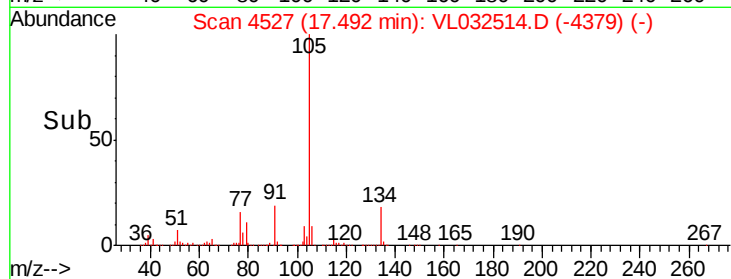
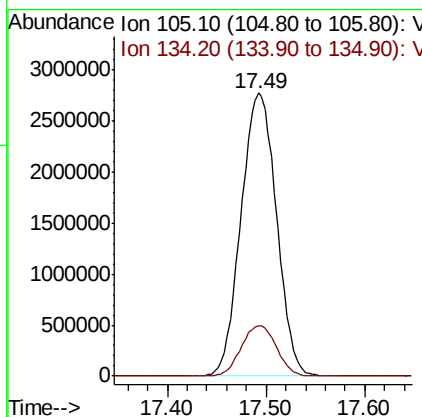
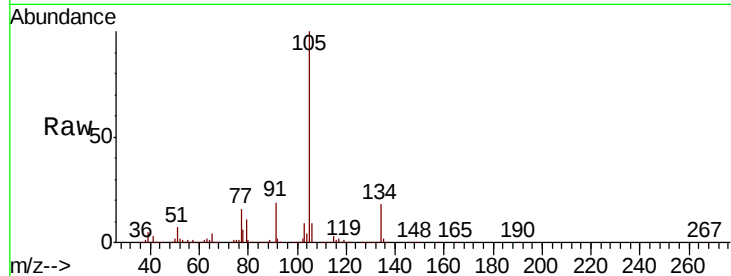
#67
 sec-Butylbenzene
 Concen: 9.538 ppbv
 RT: 17.49 min Scan# 4527
 Delta R.T. -0.02 min
 Lab File: VL032514.D
 Acq: 24 Sep 2018 16:26

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tot Ion: 105 Resp: 6896186
 Ion Ratio Lower Upper
 105 100
 134 17.8 14.4 21.6

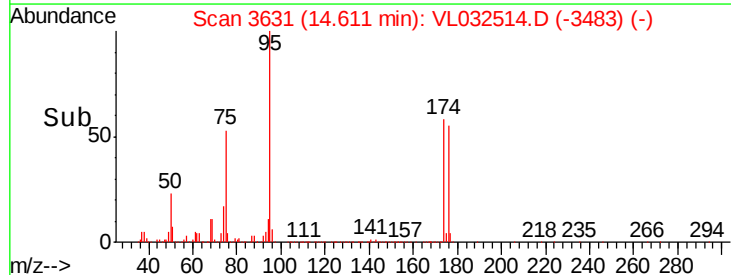
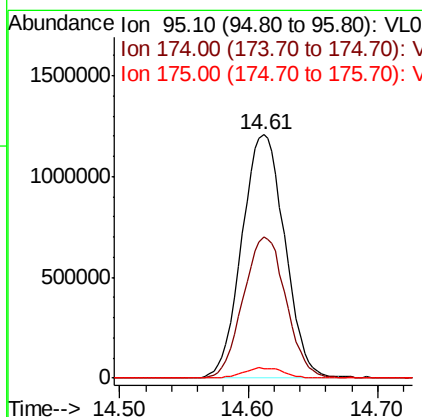
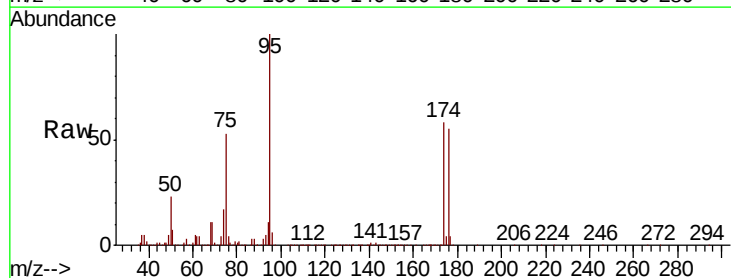
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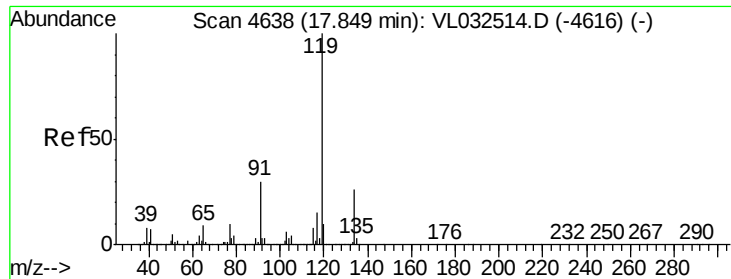
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#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.957 ppbv
 RT: 14.61 min Scan# 3631
 Delta R.T. -0.02 min
 Lab File: VL032514.D
 Acq: 24 Sep 2018 16:26

Tgt Ion: 95 Resp: 2799485
 Ion Ratio Lower Upper
 95 100
 174 58.2 46.3 69.5
 175 4.1 3.4 5.0





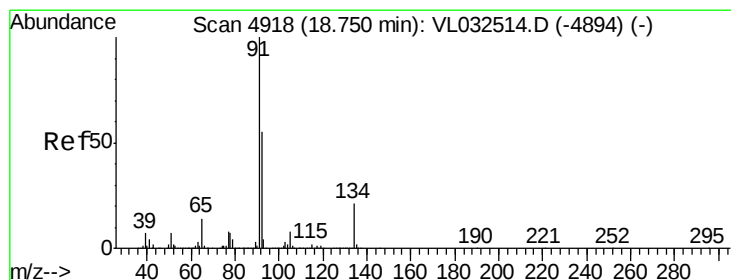
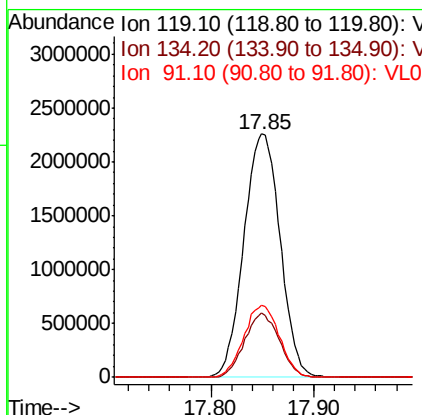
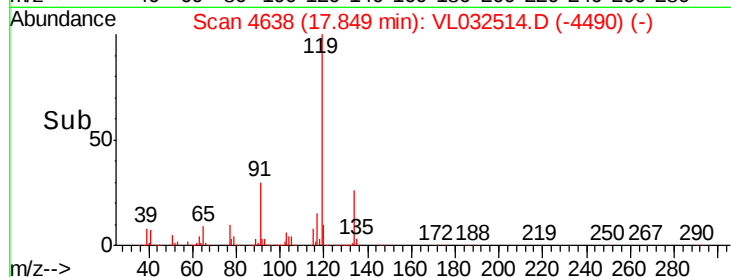
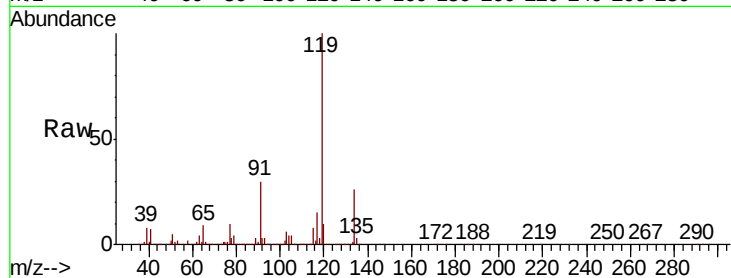
#69
 p-Isopropyltoluene
 Concen: 9.828 ppbv
 RT: 17.85 min Scan# 4638
 Delta R.T. -0.02 min
 Lab File: VL032514.D
 Acq: 24 Sep 2018 16:26

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.3	20.4	30.6
91	29.1	23.4	35.2

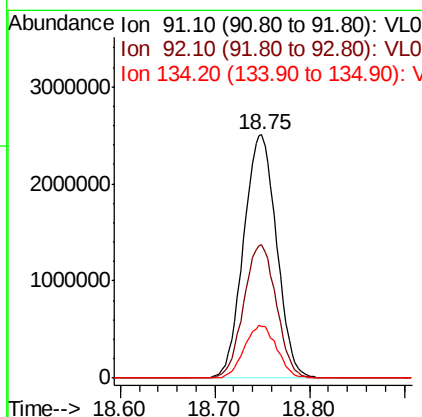
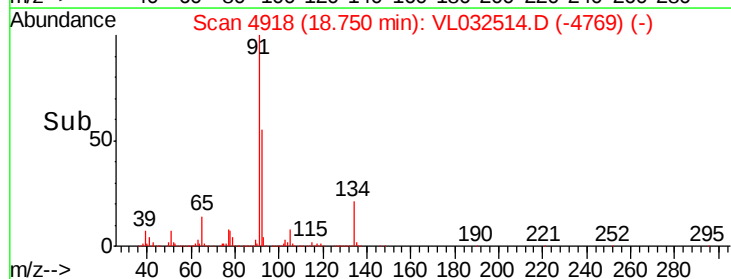
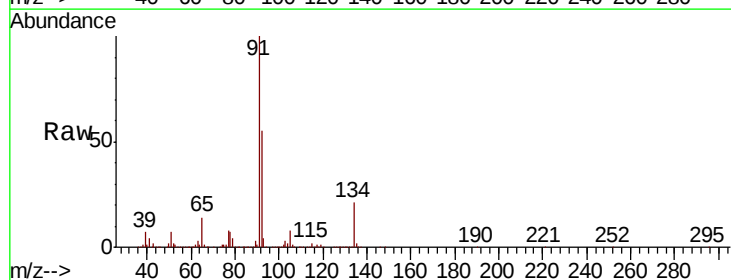
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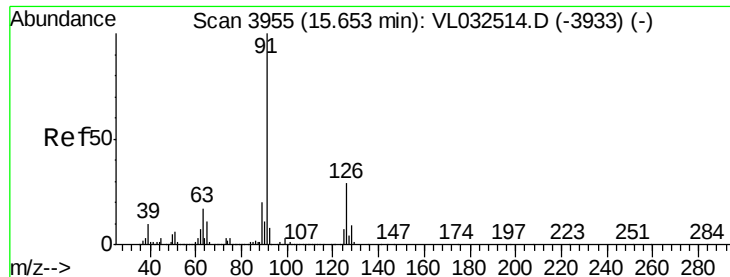
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#70
 n-Butylbenzene
 Concen: 9.527 ppbv
 RT: 18.75 min Scan# 4918
 Delta R.T. -0.02 min
 Lab File: VL032514.D
 Acq: 24 Sep 2018 16:26

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.5	43.8	65.8
134	21.4	17.4	26.0





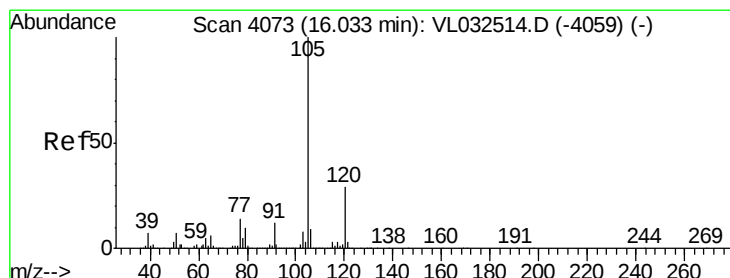
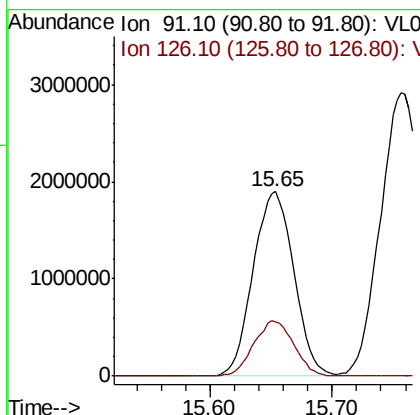
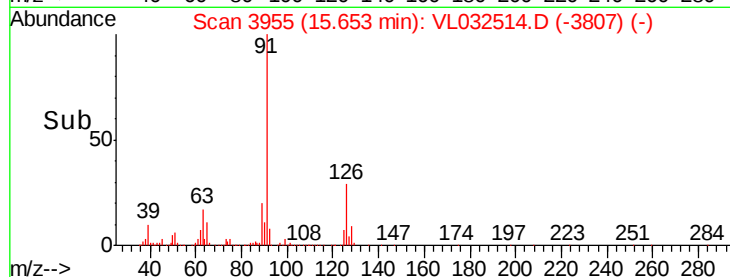
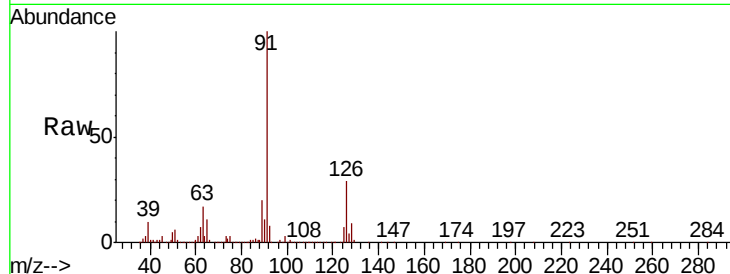
#71
 2-Chlorotoluene
 Concen: 10.319 ppbv
 RT: 15.65 min Scan# 3955
 Delta R.T. -0.02 min
 Lab File: VL032514.D
 Acq: 24 Sep 2018 16:26

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tot Ion: 91 Resp: 4398191
 Ion Ratio Lower Upper
 91 100
 126 29.5 11.9 47.7

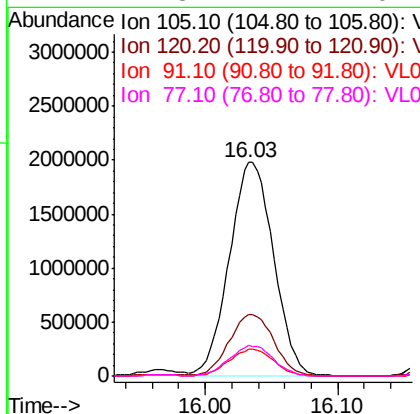
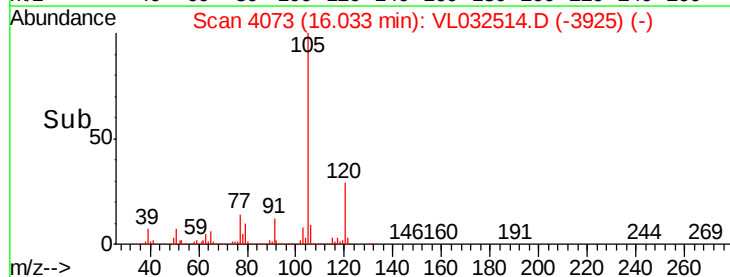
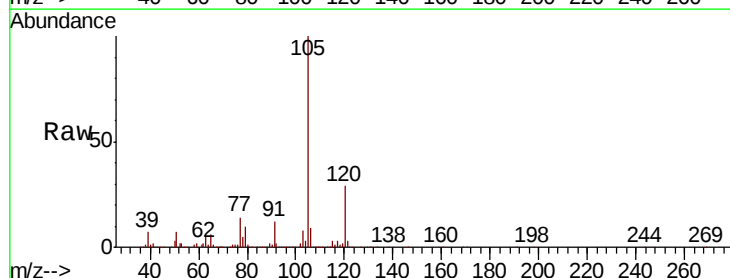
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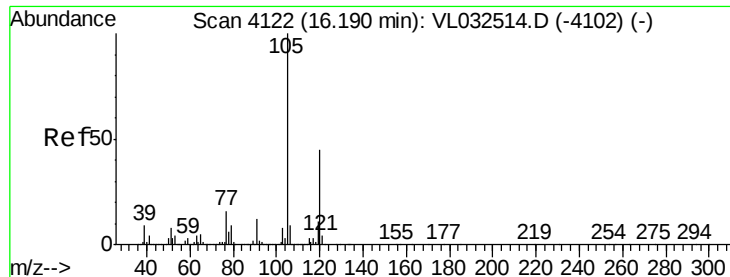
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#72
 4-Ethyltoluene
 Concen: 10.540 ppbv
 RT: 16.03 min Scan# 4073
 Delta R.T. -0.02 min
 Lab File: VL032514.D
 Acq: 24 Sep 2018 16:26

Tgt Ion: 105 Resp: 4567145
 Ion Ratio Lower Upper
 105 100
 120 29.2 23.5 35.3
 91 12.7 10.2 15.2
 77 14.3 11.1 16.7





#73

1,3,5-Trimethylbenzene

Concen: 10.047 ppbv

RT: 16.19 min Scan# 4122

Delta R.T. -0.03 min

Lab File: VL032514.D

Acq: 24 Sep 2018 16:26

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tot Ion:105 Resp: 4361620

Ion Ratio Lower Upper

105 100

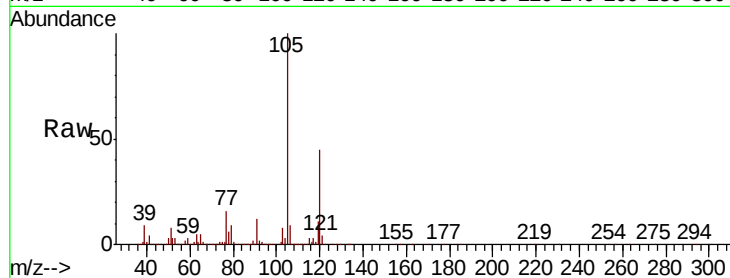
120 45.2 37.9 56.9

Manual Integrations

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Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

16.19

2000000

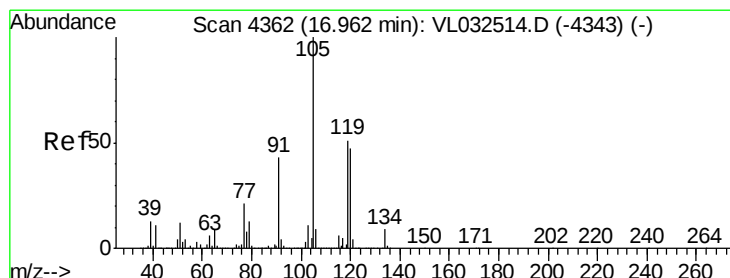
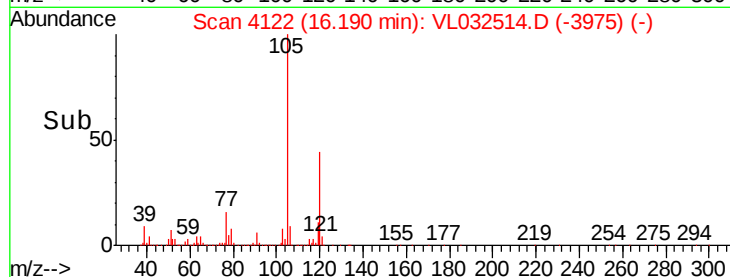
1500000

1000000

500000

0

Time-->



#74

1,2,4-Trimethylbenzene

Concen: 9.108 ppbv

RT: 16.96 min Scan# 4362

Delta R.T. -0.02 min

Lab File: VL032514.D

Acq: 24 Sep 2018 16:26

Tgt Ion:105 Resp: 4322532

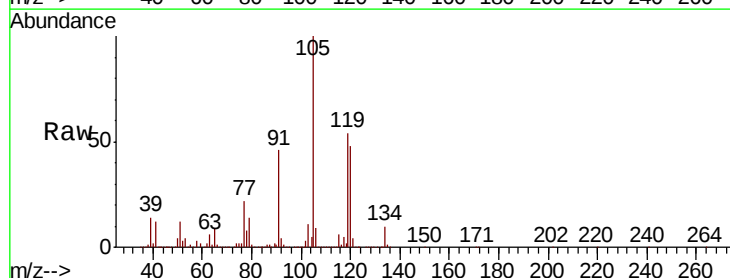
Ion Ratio Lower Upper

105 100

120 47.5 37.8 56.8

91 45.6 41.4 62.0

77 21.6 18.6 28.0



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

2500000

2000000

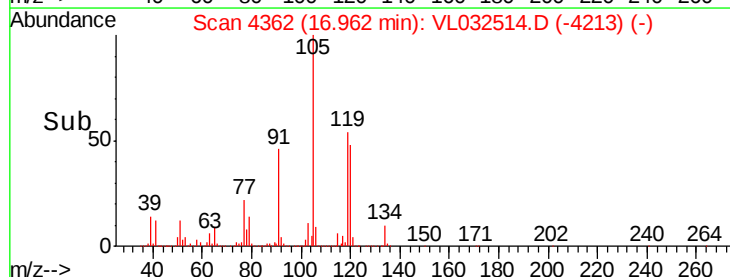
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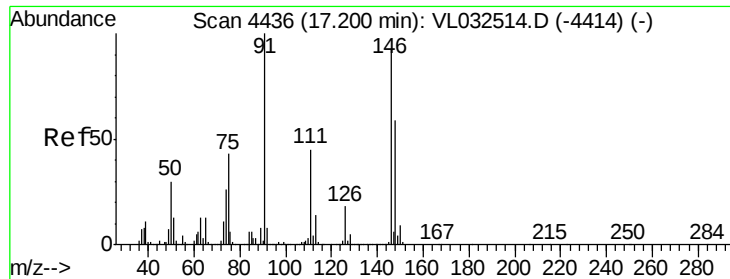
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500000

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Time-->





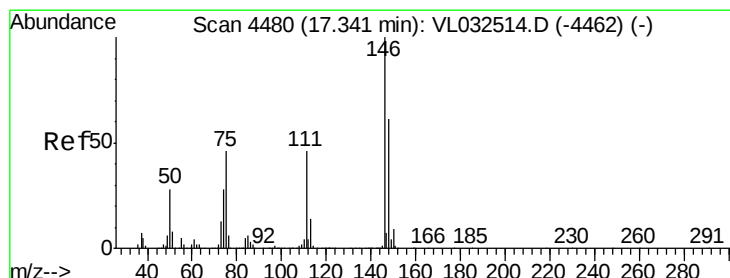
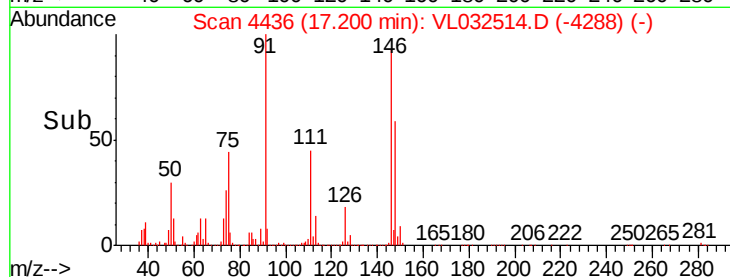
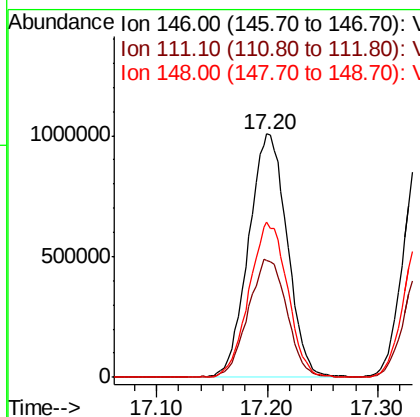
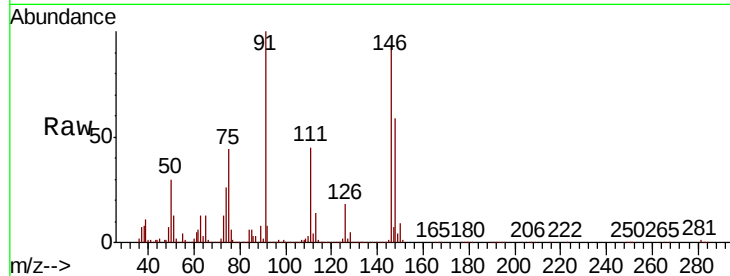
#75
 1,3-Dichlorobenzene
 Concen: 8.672 ppbv
 RT: 17.20 min Scan# 4436
 Delta R.T. -0.02 min
 Lab File: VL032514.D
 Acq: 24 Sep 2018 16:26

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	48.9	24.5	73.5
148	63.7	32.0	96.2

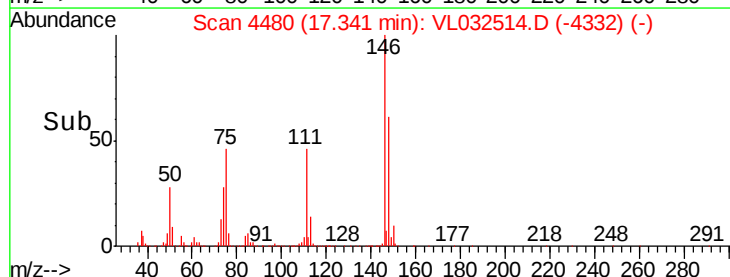
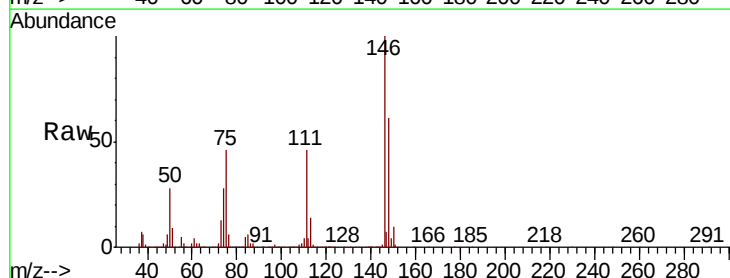
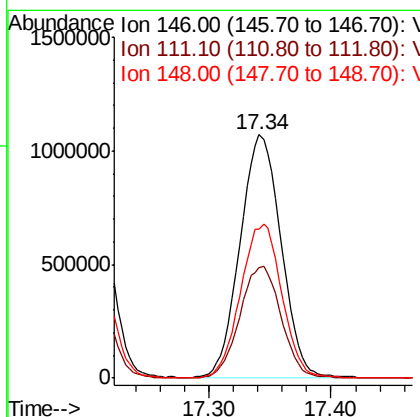
Manual Integrations
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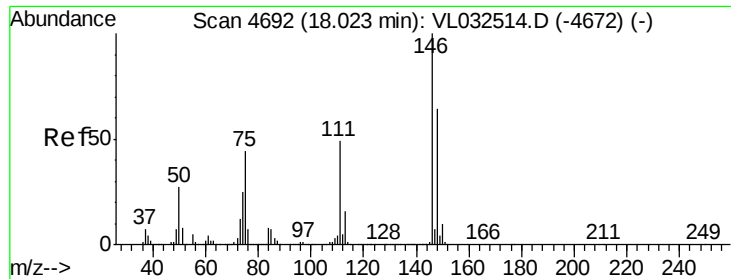
apatel
 9/26/2018 4:47:00 PM



#76
 1,4-Dichlorobenzene
 Concen: 9.472 ppbv
 RT: 17.34 min Scan# 4480
 Delta R.T. -0.02 min
 Lab File: VL032514.D
 Acq: 24 Sep 2018 16:26

Tgt Ion	Ratio	Lower	Upper
146	100		
111	46.6	23.4	70.2
148	64.2	32.0	96.2





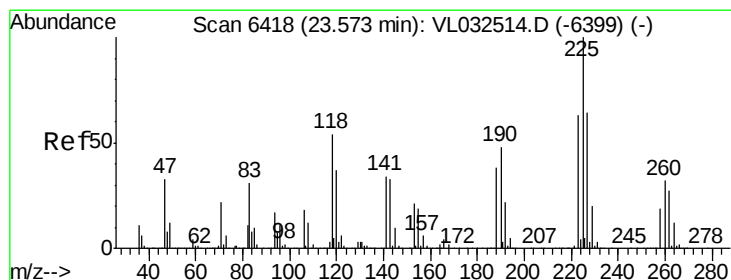
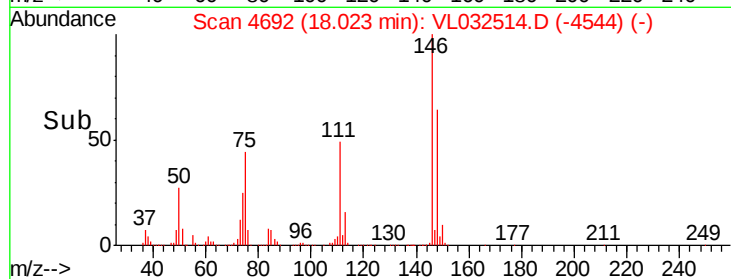
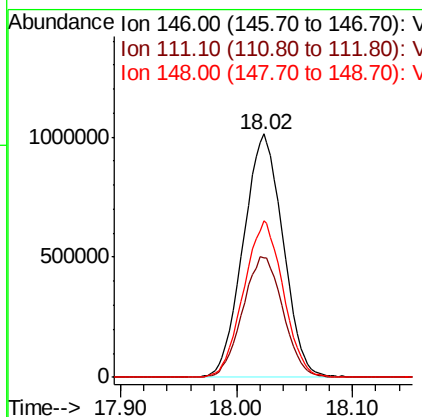
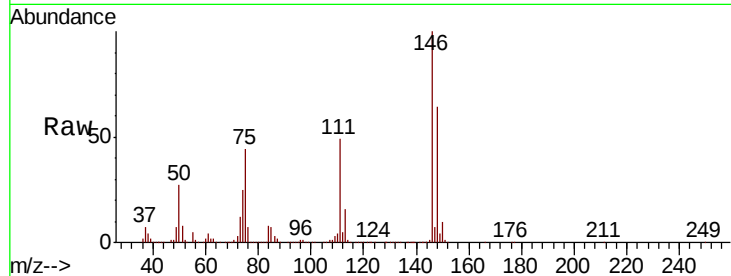
#77
 1,2-Dichlorobenzene
 Concen: 8.889 ppbv
 RT: 18.02 min Scan# 4692
 Delta R.T. -0.02 min
 Lab File: VL032514.D
 Acq: 24 Sep 2018 16:26

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	50.3	24.9	74.8
148	63.9	32.0	96.0

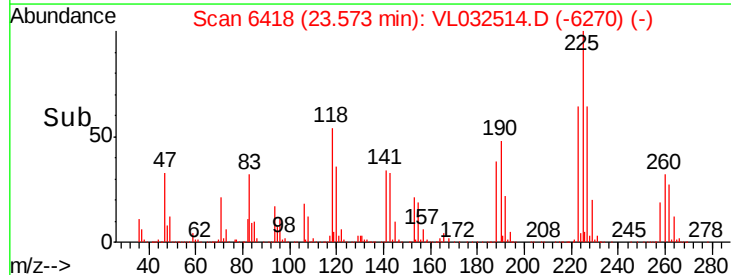
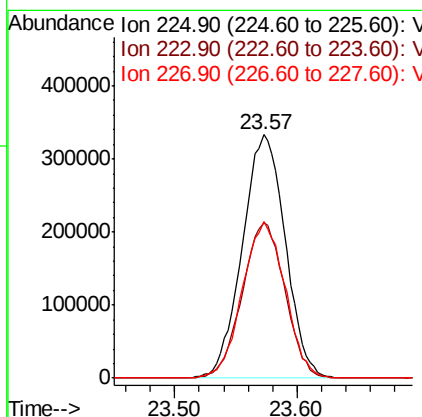
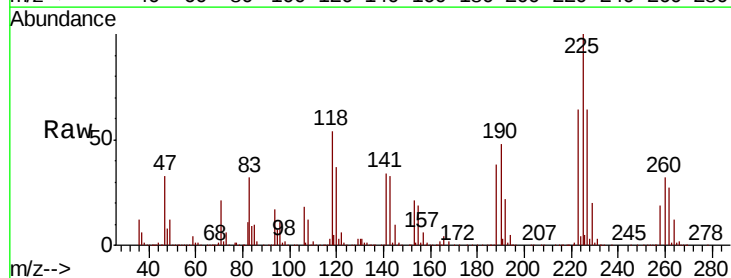
Manual Integrations
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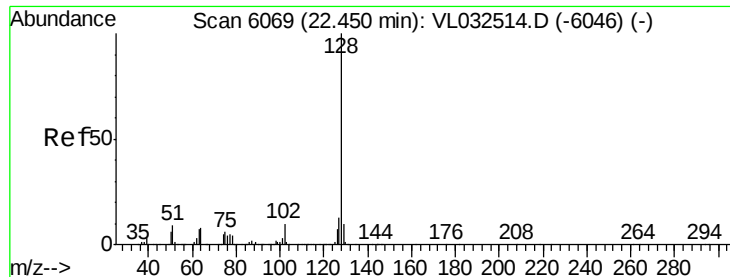
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#78
 Hexachloro-1,3-Butadiene
 Concen: 7.989 ppbv
 RT: 23.57 min Scan# 6418
 Delta R.T. -0.02 min
 Lab File: VL032514.D
 Acq: 24 Sep 2018 16:26

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.6	76.0
227	64.0	51.2	76.8





#79

Naphthalene

Concen: 10.511 ppbv

RT: 22.45 min Scan# 6069

Delta R.T. -0.03 min

Lab File: VL032514.D

Acq: 24 Sep 2018 16:26

Instrument :

MSVOA_L

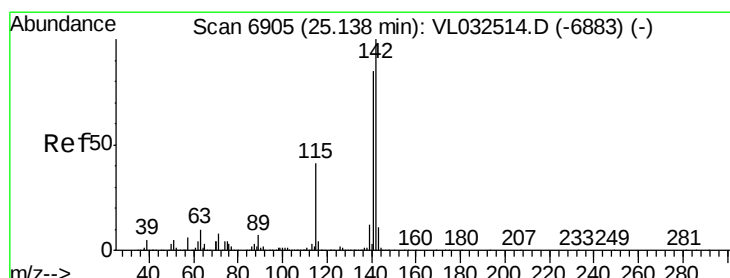
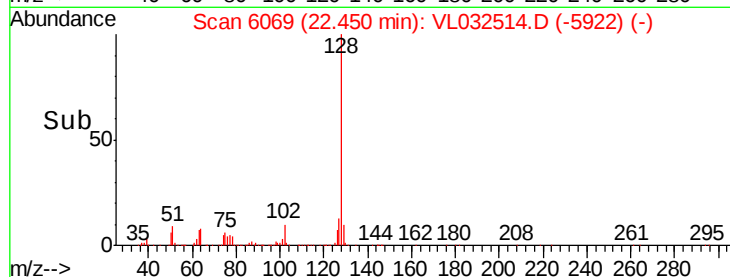
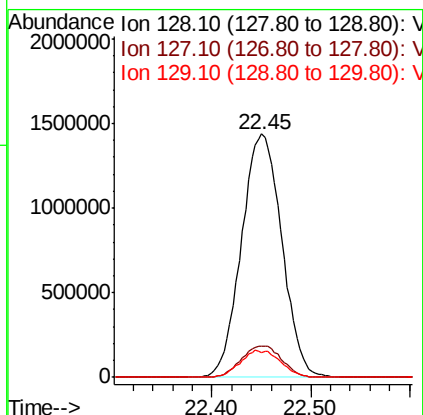
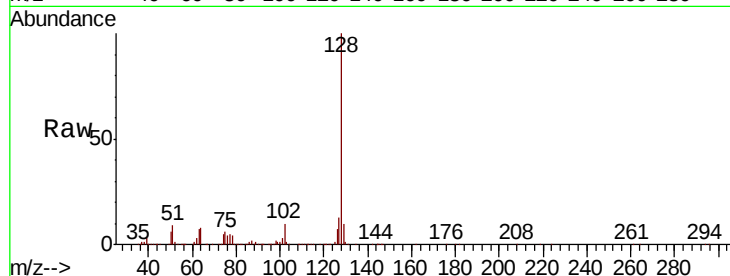
ClientSampleId :

VSTDICCC010

Tot Ion:	128	Resp:	4056752
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.2
129	10.4	8.5	12.7

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#80

Naphthalene, 2-methyl-

Concen: 14.959 ppbv

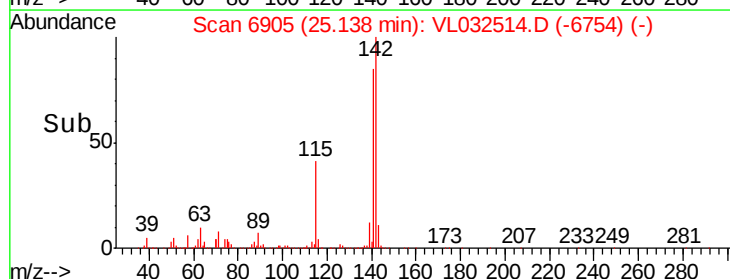
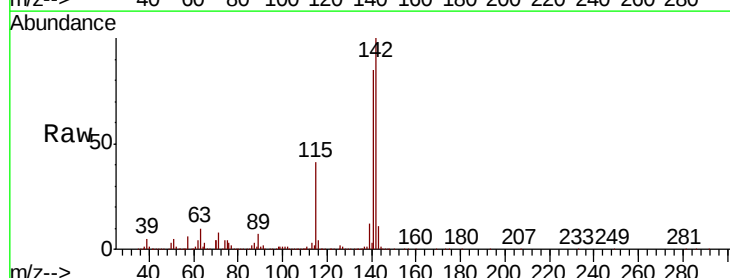
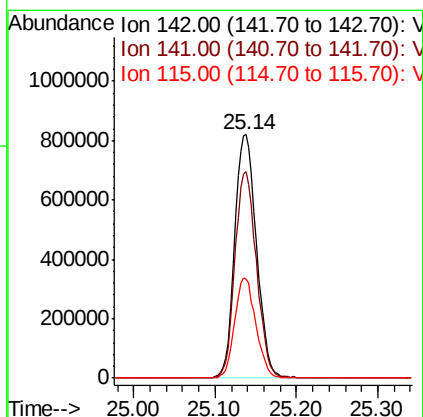
RT: 25.14 min Scan# 6905

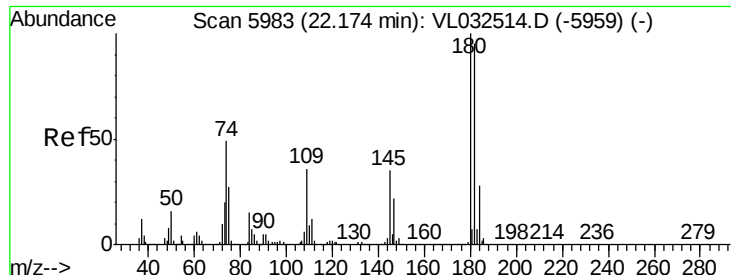
Delta R.T. -0.01 min

Lab File: VL032514.D

Acq: 24 Sep 2018 16:26

Tgt Ion:	142	Resp:	1536155
Ion	Ratio	Lower	Upper
142	100		
141	84.1	67.0	100.6
115	40.2	31.3	46.9





#81
 1,2,4-Trichlorobenzene
 Concen: 9.922 ppbv
 RT: 22.17 min Scan# 5983
 Delta R.T. -0.03 min
 Lab File: VL032514.D
 Acq: 24 Sep 2018 16:26

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.2	76.1	114.1
184	30.0	23.8	35.8

Manual Integrations
 APPROVED

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