

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032320\
 Data File : VL034934.D
 Acq On : 23 Mar 2020 18:00
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleID :
 VSTDCCC010EC

Manual Integrations
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 3/25/2020 11:54:28 AM

Quant Time: Mar 24 04:34:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL030920AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar 0
 QLast Update : Mon Mar 09 16:42:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1027405	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2238684	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	2421474	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	1910593	10.12	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.20%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.01	85	726336	5.163 ppbv	99
3) Chlorodifluoromethane	2.94	51	1058096	9.219 ppbv	98
4) Chloromethane	3.10	50	638696	9.847 ppbv	100
5) Vinyl Chloride	3.22	62	606300	9.722 ppbv	90
6) Bromomethane	3.44	94	365527	10.069 ppbv	94
7) Chloroethane	3.52	64	220616	9.797 ppbv	93
8) Dichlorotetrafluoroethane	3.15	85	1322577	9.052 ppbv	94
9) Propene	2.97	41	496901	9.068 ppbv	97
10) Heptane	8.12	43	1345556	9.978 ppbv	99
11) Trichlorofluoromethane	3.92	101	1410873	9.426 ppbv	98
12) 1,1,2-Trichlorotrifluoroet	4.46	101	1003026	9.575 ppbv	95
13) Ethanol	3.57	45	143855	8.635 ppbv	94
14) Bromoethene	3.71	108	436071	9.639 ppbv	99
15) Acetone	3.82	43	1156186	8.683 ppbv	99
16) 1,3-Butadiene	3.29	39	573733	9.528 ppbv	100
17) tert-Butyl alcohol	4.27	59	979273	7.633 ppbv	98
18) 1,1-Dichloroethene	4.26	96	453157	9.768 ppbv	99
19) Isopropyl Alcohol	3.94	45	735740	8.749 ppbv	# 41
20) Methylene Chloride	4.32	84	423522	10.060 ppbv	94
21) Allyl Chloride	4.39	41	778796	9.106 ppbv	100
22) trans-1,2-Dichloroethene	4.86	96	451872	9.601 ppbv	98
23) Vinyl Acetate	5.06	43	1794288	9.122 ppbv	# 99
24) 1,1-Dichloroethane	4.99	63	1229961	9.327 ppbv	99
25) Ethyl Acetate	5.67	43	2204588	9.293 ppbv	100
26) Hexane	5.67	57	991746	9.708 ppbv	98
27) Carbon Disulfide	4.53	76	1176284	10.147 ppbv	99
28) Methyl tert-Butyl Ether	5.01	73	1451422	8.539 ppbv	100
29) Chloroform	5.75	83	1510222	9.689 ppbv	95
30) Cyclohexane	7.13	84	816808	9.583 ppbv	99
31) cis-1,2-Dichloroethene	5.54	61	982639	9.406 ppbv	99
32) 1,1,1-Trichloroethane	6.51	97	1438767	9.473 ppbv	98
34) 2-Butanone	5.23	43	1450846	9.752 ppbv	100
35) Carbon Tetrachloride	7.02	117	1471873	10.571 ppbv	96
36) Benzene	6.89	78	1940807	9.726 ppbv	98
37) 1,2-Dichloroethane	6.30	62	1157482	10.287 ppbv	98
38) Trichloroethene	7.84	130	743084	9.805 ppbv	98
39) 1,2-Dichloropropane	7.62	63	770206	9.742 ppbv	94
40) 1,4-Dioxane	7.83	88	269672	9.032 ppbv	# 89
41) Tetrahydrofuran	6.04	42	814290	10.115 ppbv	100
42) Bromodichloromethane	7.80	83	1586507	10.346 ppbv	98
43) Methyl Methacrylate	8.02	69	881479	10.485 ppbv	98

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

44) 2,2,4-Trimethylpentane	7.87	57	3425011	10.157	ppbv	99
45) t-1,3-Dichloropropene	9.29	75	990309	10.027	ppbv	100
46) cis-1,3-Dichloropropene	8.72	75	1166776	9.941	ppbv	96
47) 1,1,2-Trichloroethane	9.49	97	808705	9.967	ppbv	97
48) Dibromochloromethane	10.32	129	1337161	10.177	ppbv	98
49) Bromoform	13.07	173	1177494	10.051	ppbv	99
50) 4-Methyl-2-Pentanone	8.75	43	2209617	10.318	ppbv	99
51) 2-Hexanone	10.14	43	1817162	10.441	ppbv #	99
52) Tetrachloroethene	11.24	164	680274	8.617	ppbv	97
53) Toluene	9.82	91	2272053	9.860	ppbv	100
54) 1,2-Dibromoethane	10.63	107	1220272	9.991	ppbv	100
56) 1,1,1,2-Tetrachloroethane	12.15	131	1003499	9.226	ppbv	99
57) Chlorobenzene	12.17	112	1708620	9.018	ppbv	96
58) Ethyl Benzene	12.73	91	3112107	9.490	ppbv	96
59) m/p-Xylene	13.02	91	5140721m	18.712	ppbv	
60) o-Xylene	13.72	91	2539777	9.468	ppbv	99
61) Styrene	13.55	104	1833813	9.742	ppbv	97
62) Isopropylbenzene	14.70	105	3753333	9.254	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.71	83	1852284	10.172	ppbv	99
64) n-propylbenzene	15.59	120	996302	9.438	ppbv	92
65) tert-Butylbenzene	16.78	119	3243549	9.148	ppbv	97
66) Benzyl Chloride	17.03	91	1270025	8.590	ppbv	95
67) sec-Butylbenzene	17.33	105	4707123	9.574	ppbv	99
69) p-Isopropyltoluene	17.69	119	3891890	9.441	ppbv	99
70) n-Butylbenzene	18.59	91	4203024	9.992	ppbv	99
71) 2-Chlorotoluene	15.48	91	2908771	9.470	ppbv	99
72) 4-Ethyltoluene	15.87	105	3044154	9.610	ppbv	99
73) 1,3,5-Trimethylbenzene	16.03	105	2843215	9.588	ppbv	97
74) 1,2,4-Trimethylbenzene	16.80	105	2973855	9.734	ppbv	99
75) 1,3-Dichlorobenzene	17.03	146	1698941	9.223	ppbv	99
76) 1,4-Dichlorobenzene	17.18	146	1677837	9.127	ppbv	98
77) 1,2-Dichlorobenzene	17.85	146	1668065	9.341	ppbv	98
78) Hexachloro-1,3-Butadiene	23.42	225	1367331	9.168	ppbv	99
79) Naphthalene	22.25	128	2786307	11.694	ppbv	99
80) Naphthalene, 2-methyl-	25.01	142	1126979	18.100	ppbv	99
81) 1,2,4-Trichlorobenzene	21.99	180	1608093m	10.623	ppbv	

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

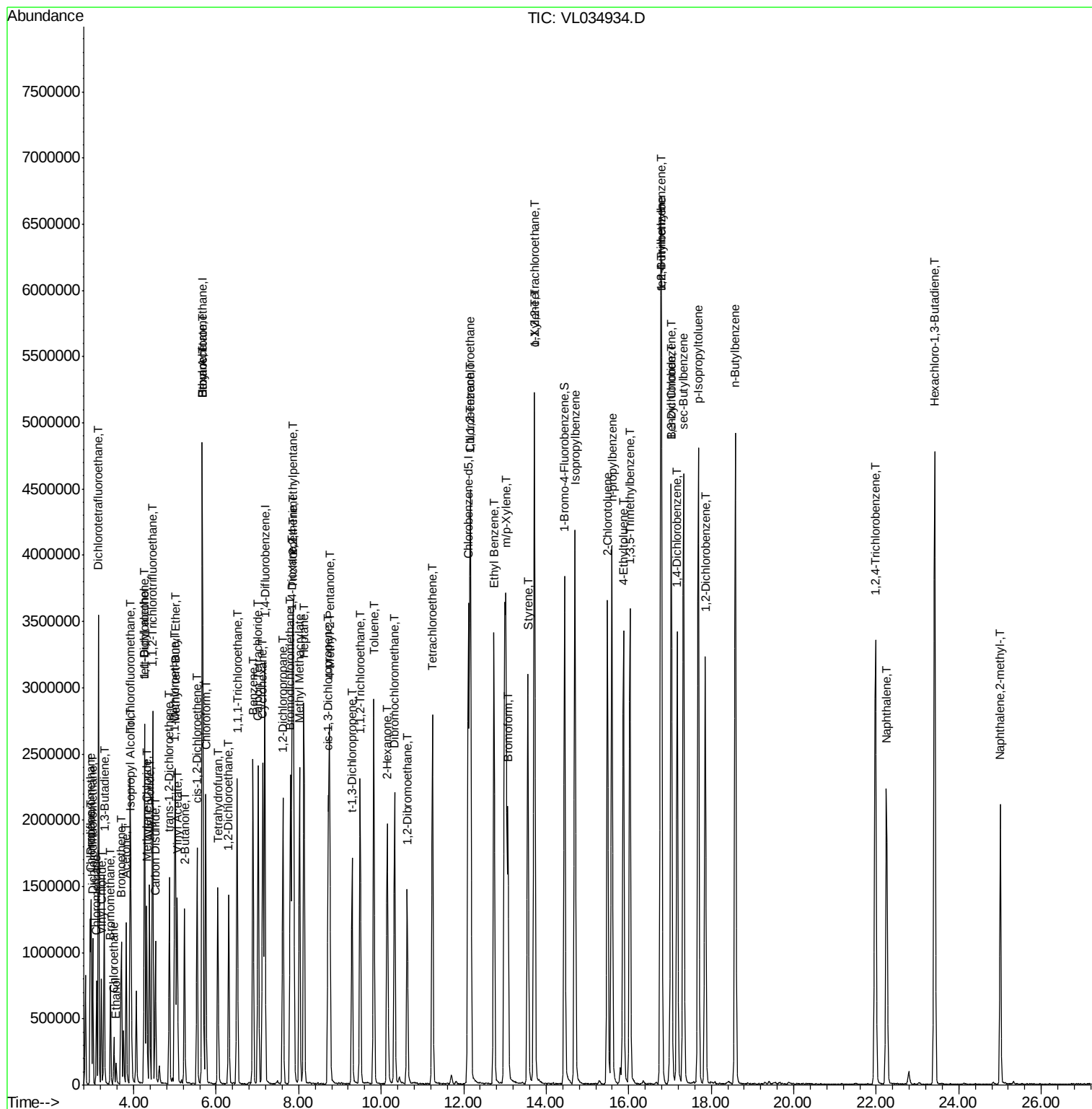
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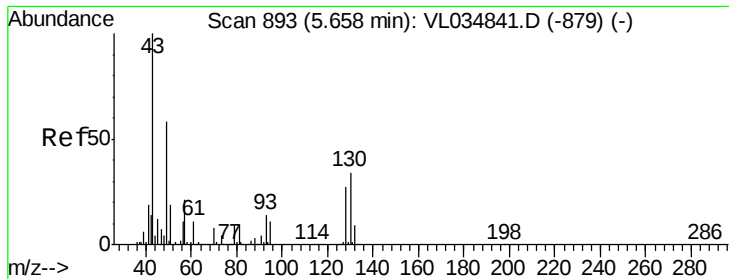
Instrument :
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 892

Delta R.T. -0.00 min

Lab File: VL034934.D

Acq: 23 Mar 2020 18:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion: 49 Resp: 1027405

Ion Ratio Lower Upper

49 100

128 43.5 23.4 70.3

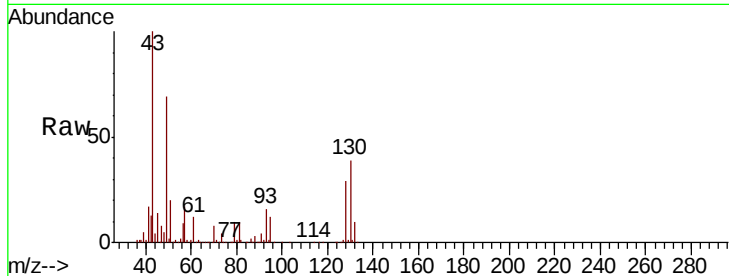
130 56.7 30.0 90.0

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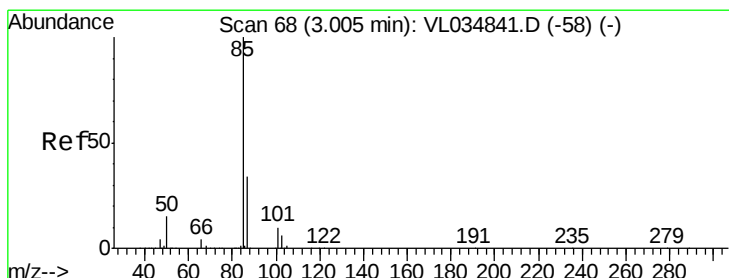
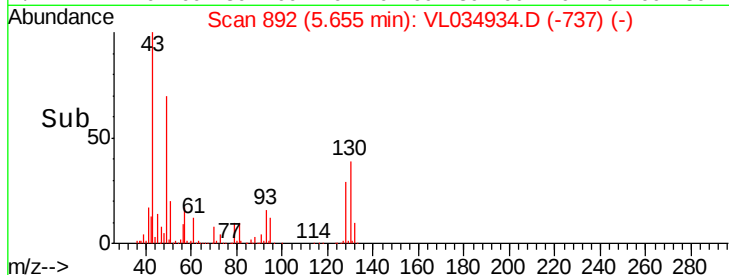
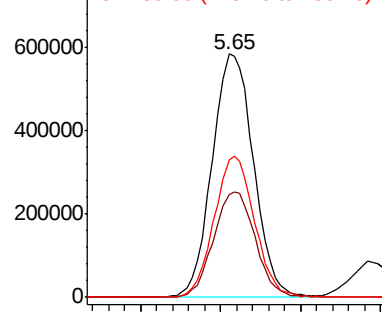
3/25/2020 11:54:28 AM



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: 5.163 ppbv

RT: 3.01 min Scan# 68

Delta R.T. 0.00 min

Lab File: VL034934.D

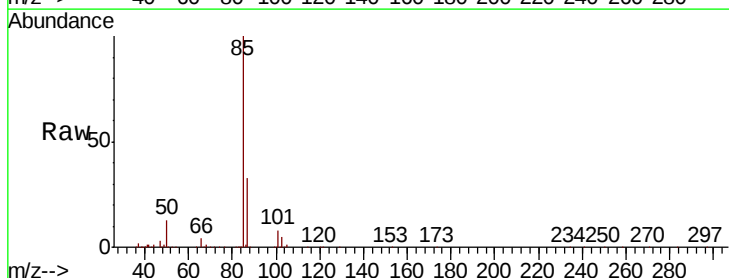
Acq: 23 Mar 2020 18:00

Tgt Ion: 85 Resp: 726336

Ion Ratio Lower Upper

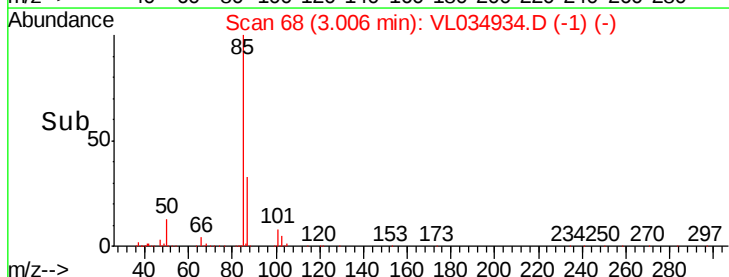
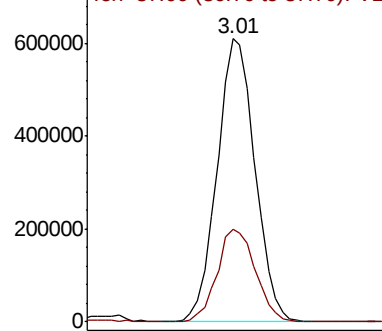
85 100

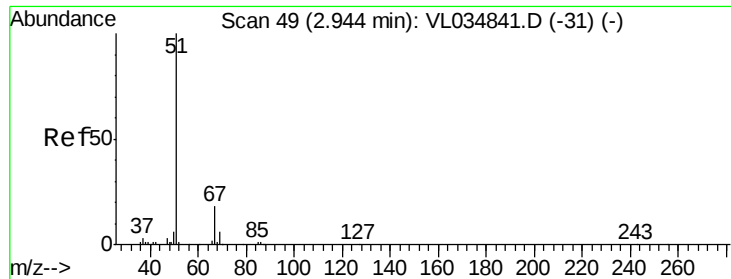
87 32.9 26.9 40.3



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





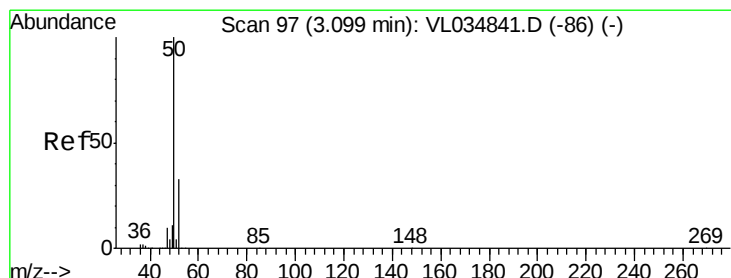
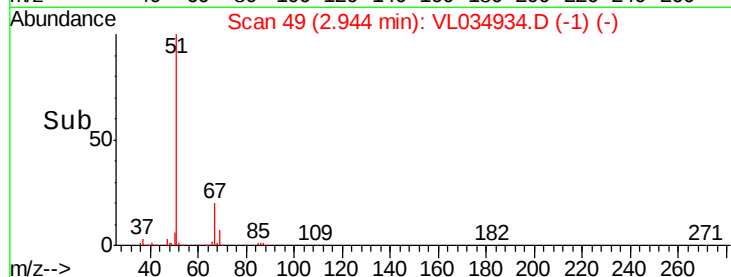
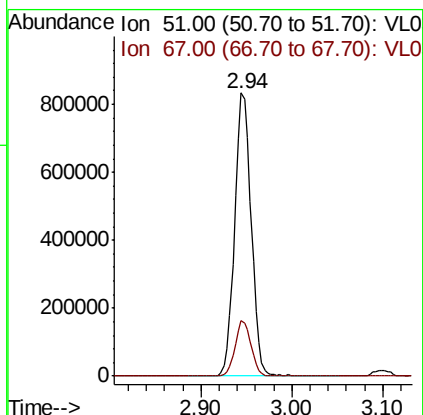
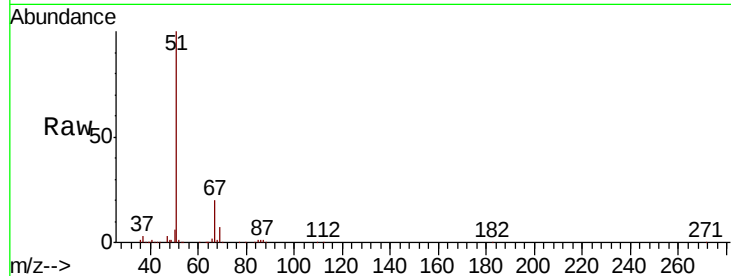
#3
Chlorodifluoromethane
Concen: 9.219 ppbv
RT: 2.94 min Scan# 49
Delta R.T. 0.00 min
Lab File: VL034934.D
Acq: 23 Mar 2020 18:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion: 51 Resp: 1058096
Ion Ratio Lower Upper
51 100
67 18.8 14.3 21.5

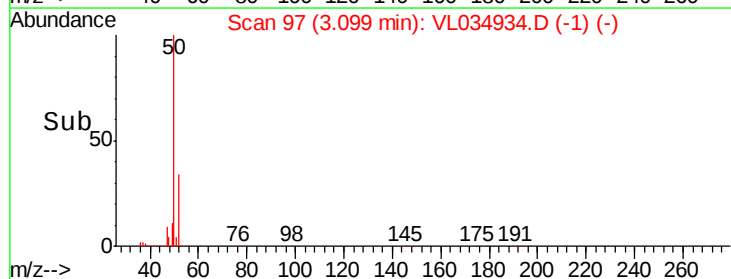
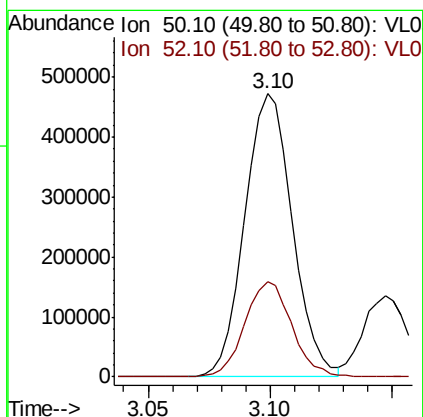
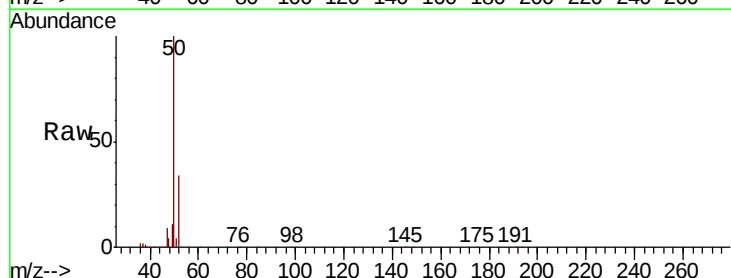
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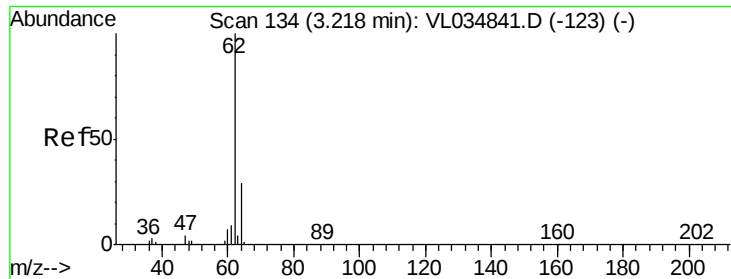
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#4
Chloromethane
Concen: 9.847 ppbv
RT: 3.10 min Scan# 97
Delta R.T. 0.00 min
Lab File: VL034934.D
Acq: 23 Mar 2020 18:00

Tgt Ion: 50 Resp: 638696
Ion Ratio Lower Upper
50 100
52 33.6 26.8 40.2





#5

Vinyl Chloride

Concen: 9.722 ppbv

RT: 3.22 min Scan# 134

Delta R.T. 0.00 min

Lab File: VL034934.D

Acq: 23 Mar 2020 18:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion: 62 Resp: 606300

Ion Ratio Lower Upper

62 100

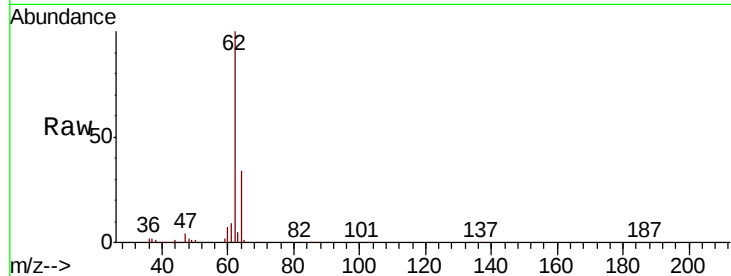
64 34.0 23.0 34.4

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Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0

3.22

400000

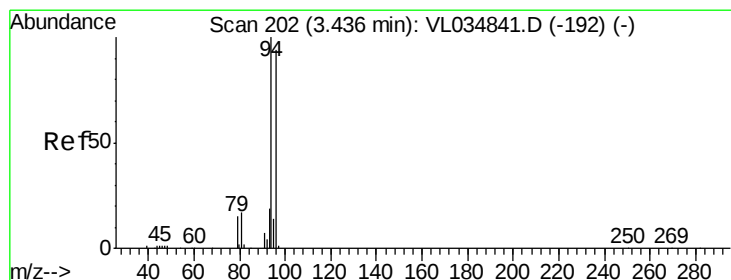
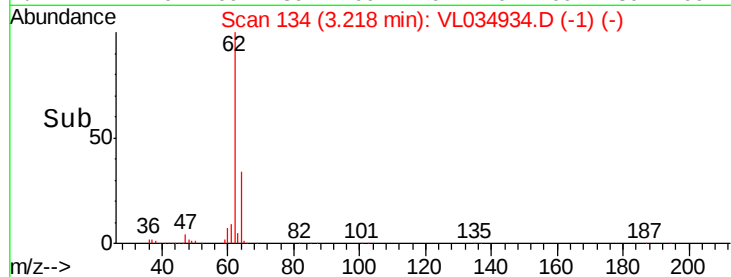
300000

200000

100000

0

Time-->



#6

Bromomethane

Concen: 10.069 ppbv

RT: 3.44 min Scan# 202

Delta R.T. 0.00 min

Lab File: VL034934.D

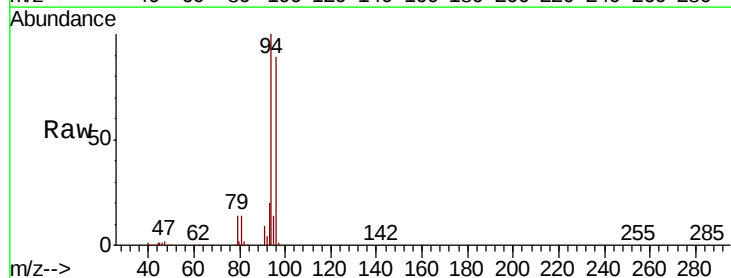
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Tgt Ion: 94 Resp: 365527

Ion Ratio Lower Upper

94 100

96 89.1 75.5 113.3



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0

3.44

300000

250000

200000

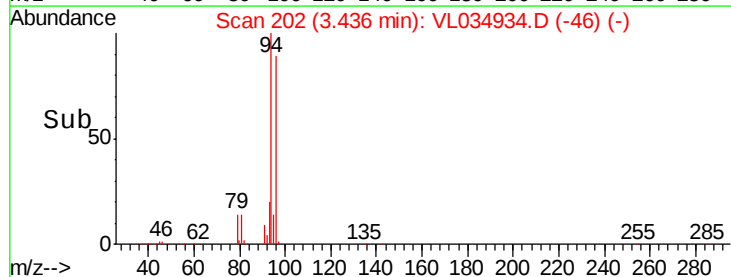
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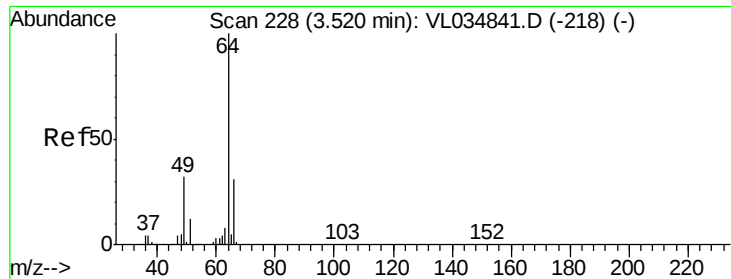
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50000

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Time-->





#7

Chloroethane

Concen: 9.797 ppbv

RT: 3.52 min Scan# 228

Delta R.T. 0.00 min

Lab File: VL034934.D

Acq: 23 Mar 2020 18:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion: 64 Resp: 220616

Ion Ratio Lower Upper

64 100

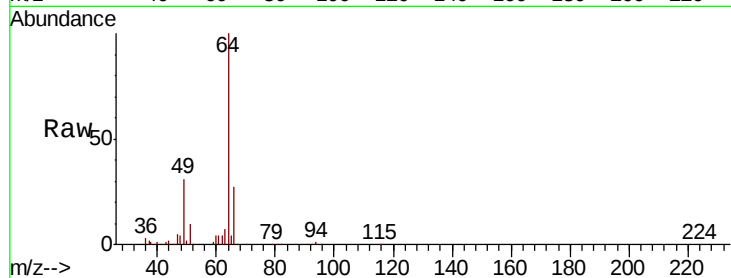
66 27.2 24.8 37.2

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Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0

3.52

150000

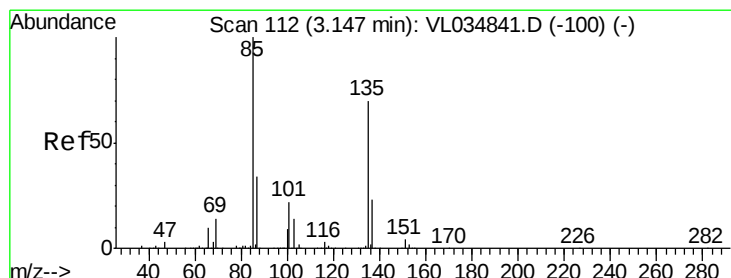
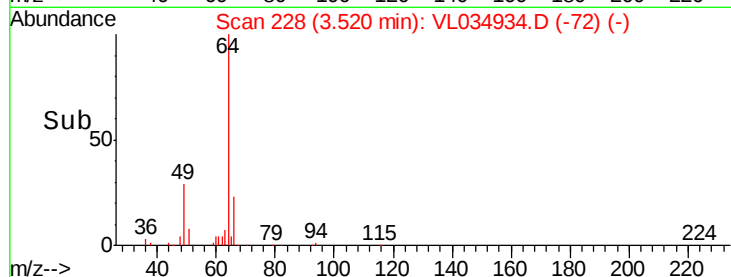
100000

50000

0

3.50 3.55

Time-->



#8

Dichlorotetrafluoroethane

Concen: 9.052 ppbv

RT: 3.15 min Scan# 112

Delta R.T. 0.00 min

Lab File: VL034934.D

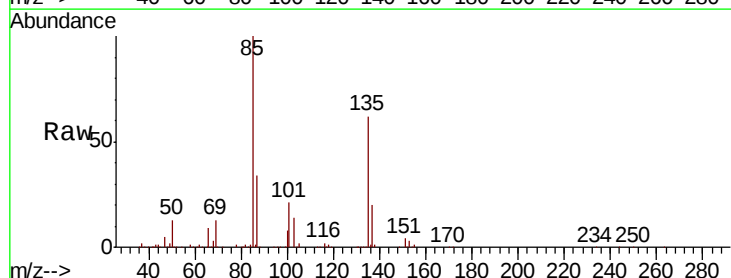
Acq: 23 Mar 2020 18:00

Tgt Ion: 85 Resp: 1322577

Ion Ratio Lower Upper

85 100

135 62.9 54.3 81.5



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V

1200000

1000000

800000

600000

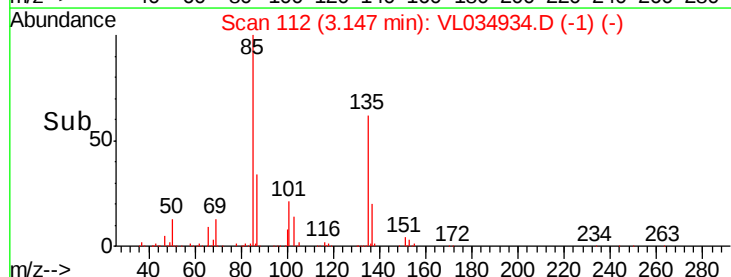
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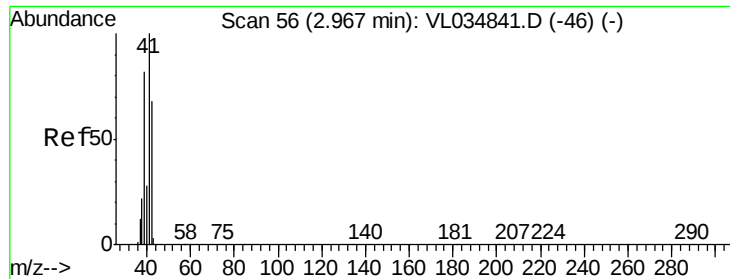
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3.10 3.15 3.20

Time-->





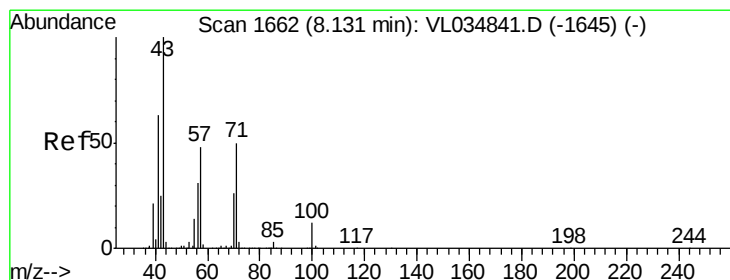
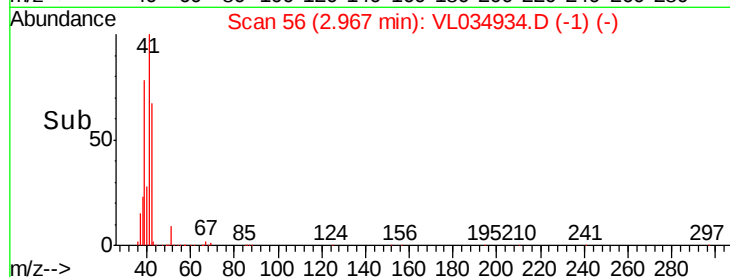
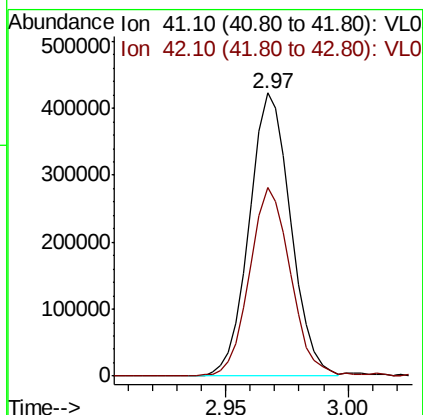
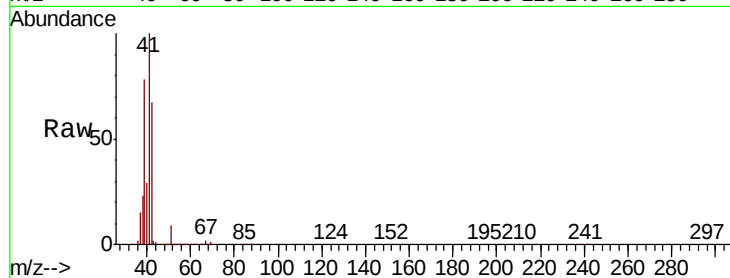
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 Propene
 Concen: 9.068 ppbv
 RT: 2.97 min Scan# 56
 Delta R.T. 0.00 min
 Lab File: VL034934.D
 Acq: 23 Mar 2020 18:00

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tot Ion: 41 Resp: 496901
 Ion Ratio Lower Upper
 41 100
 42 66.9 55.2 82.8

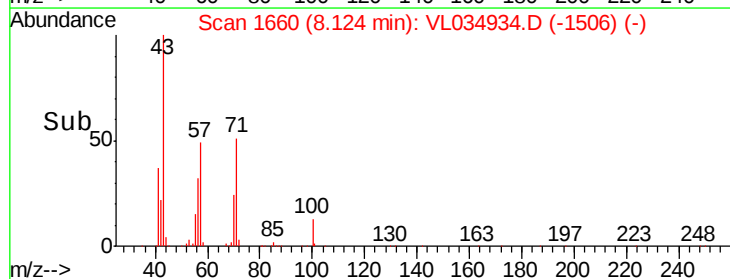
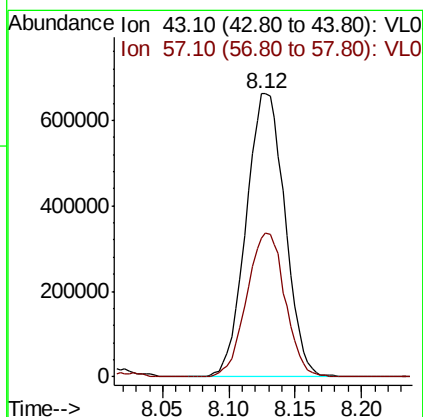
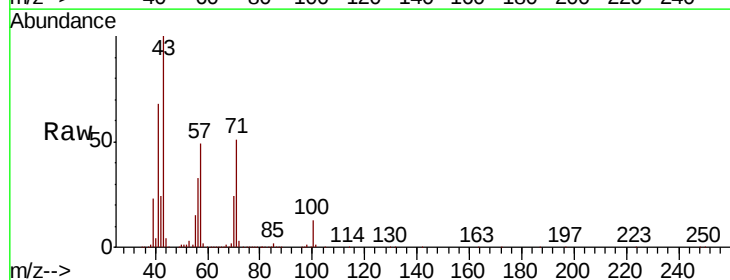
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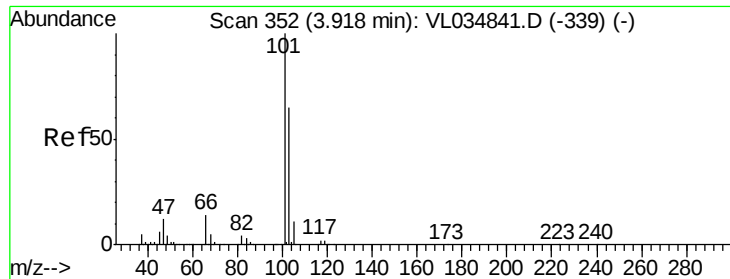
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#10
 Heptane
 Concen: 9.978 ppbv
 RT: 8.12 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: VL034934.D
 Acq: 23 Mar 2020 18:00

Tgt Ion: 43 Resp: 1345556
 Ion Ratio Lower Upper
 43 100
 57 50.3 39.7 59.5





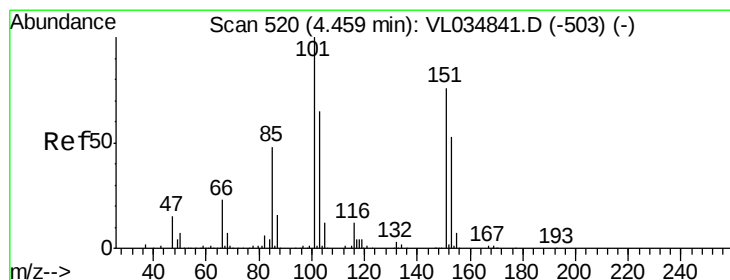
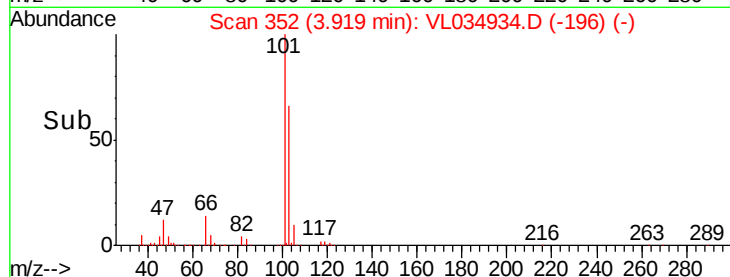
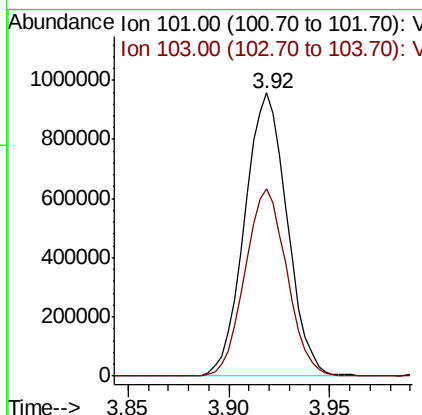
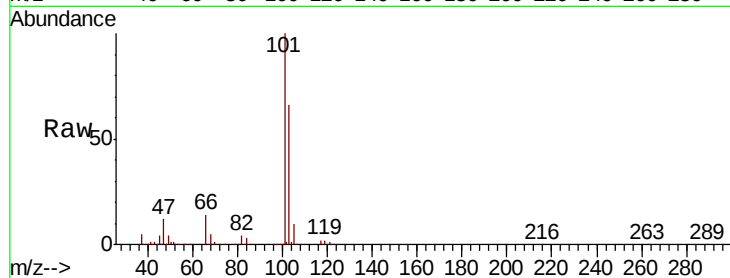
#11
 Trichlorofluoromethane
 Concen: 9.426 ppbv
 RT: 3.92 min Scan# 352
 Delta R.T. 0.00 min
 Lab File: VL034934.D
 Acq: 23 Mar 2020 18:00

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tot Ion:101 Resp: 1410873
 Ion Ratio Lower Upper
 101 100
 103 66.2 51.8 77.8

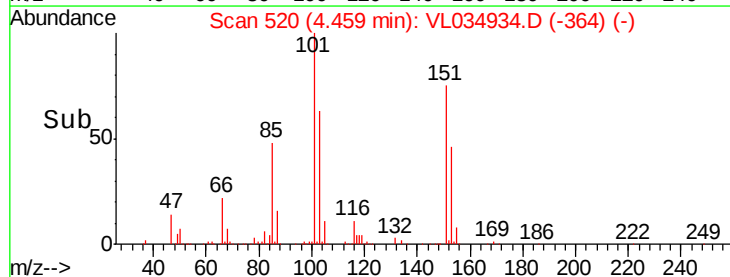
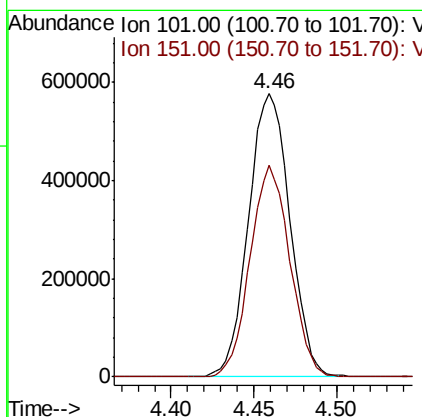
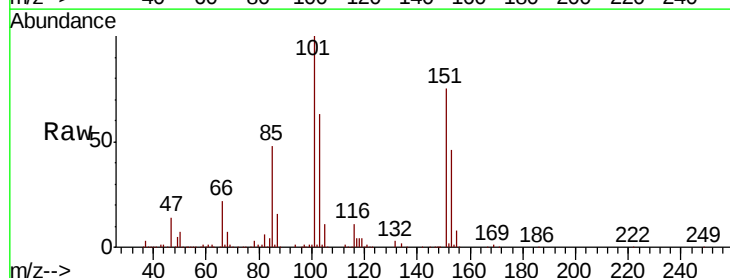
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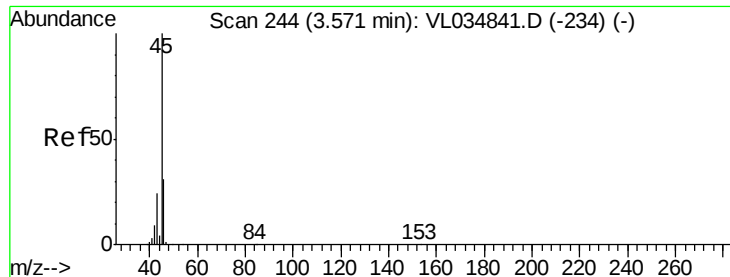
apatel
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#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.575 ppbv
 RT: 4.46 min Scan# 520
 Delta R.T. 0.00 min
 Lab File: VL034934.D
 Acq: 23 Mar 2020 18:00

Tgt Ion:101 Resp: 1003026
 Ion Ratio Lower Upper
 101 100
 151 71.9 60.8 91.2





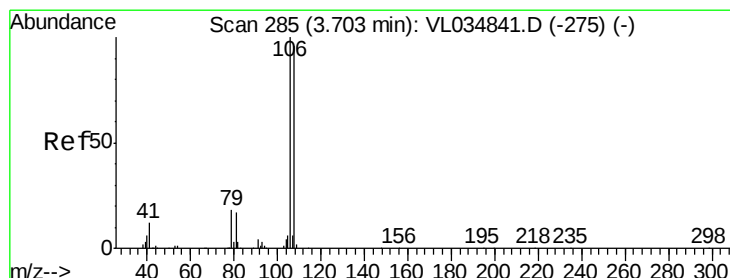
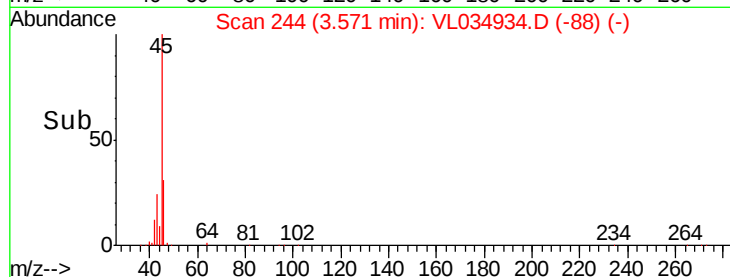
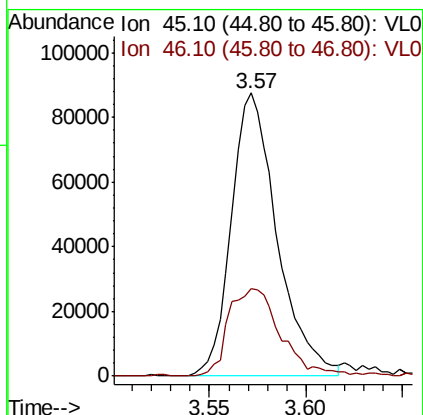
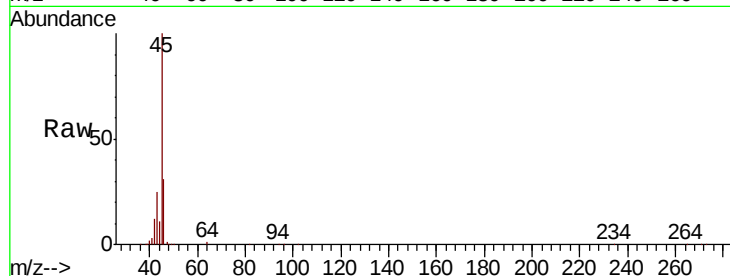
#13
Ethanol
Concen: 8.635 ppbv
RT: 3.57 min Scan# 244
Delta R.T. 0.00 min
Lab File: VL034934.D
Acq: 23 Mar 2020 18:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion	45	Resp	143855
Ion Ratio	100	Lower	Upper
45	100		
46	36.2	16.0	64.0

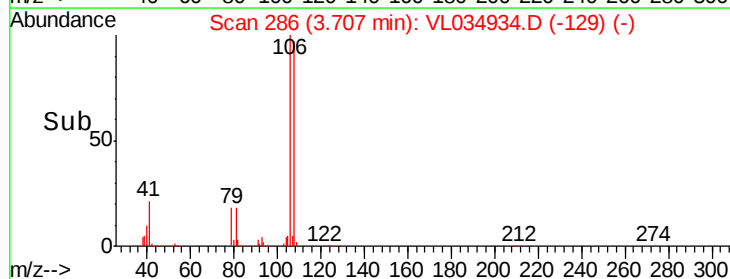
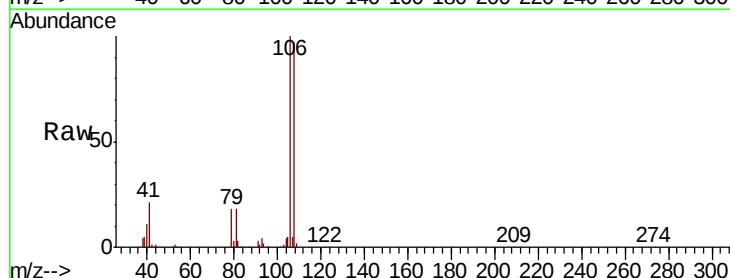
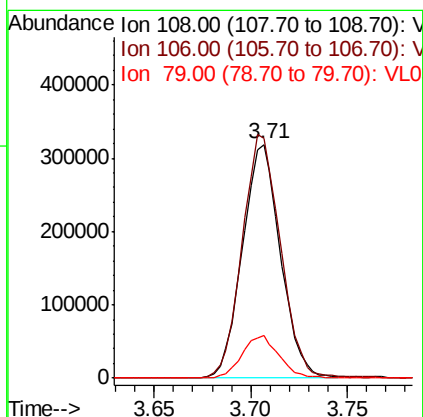
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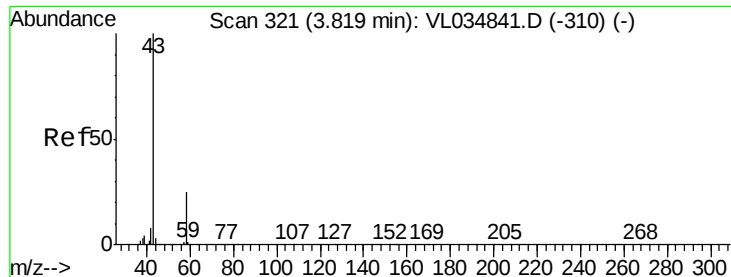
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#14
Bromoethene
Concen: 9.639 ppbv
RT: 3.71 min Scan# 286
Delta R.T. 0.00 min
Lab File: VL034934.D
Acq: 23 Mar 2020 18:00

Tgt Ion	108	Resp	436071
Ion Ratio	100	Lower	Upper
108	100		
106	105.7	85.1	127.7
79	18.0	14.7	22.1





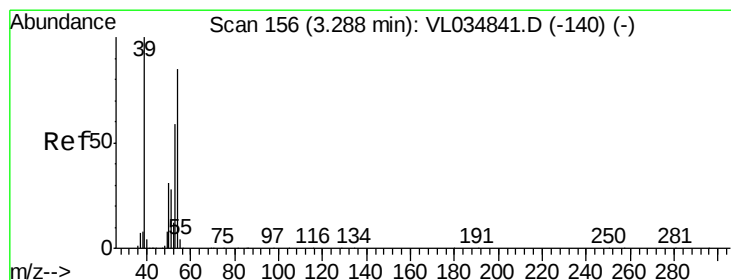
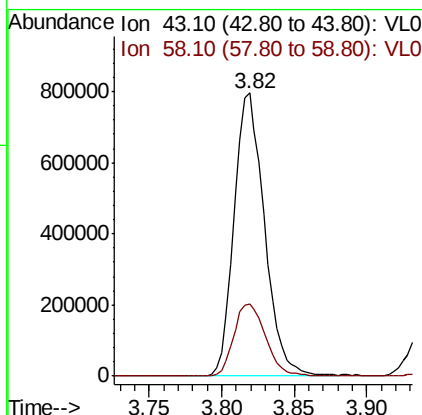
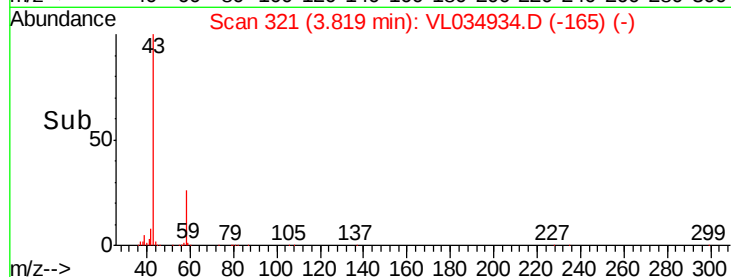
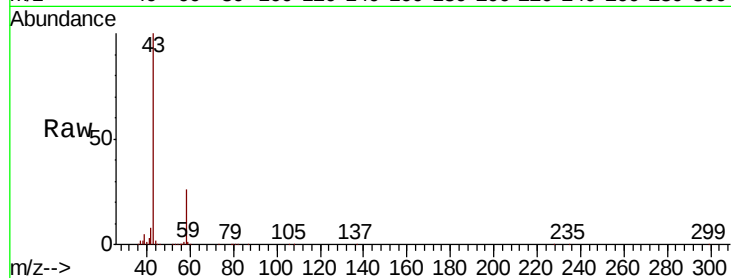
#15
Acetone
Concen: 8.683 ppbv
RT: 3.82 min Scan# 321
Delta R.T. 0.00 min
Lab File: VL034934.D
Acq: 23 Mar 2020 18:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion: 43 Resp: 1156186
Ion Ratio Lower Upper
43 100
58 26.9 21.0 31.6

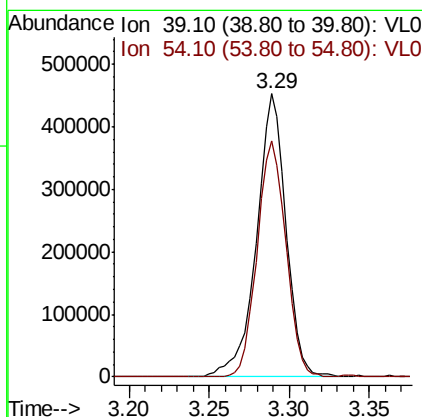
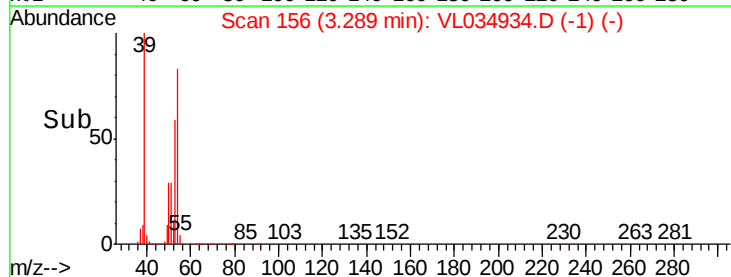
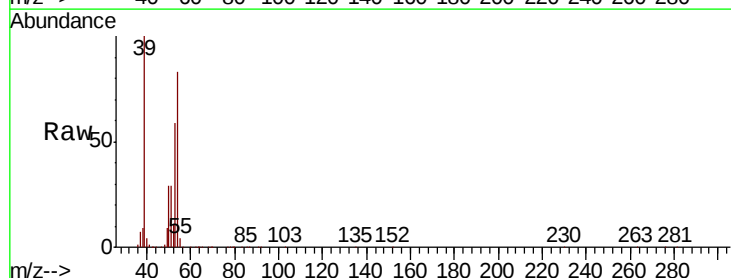
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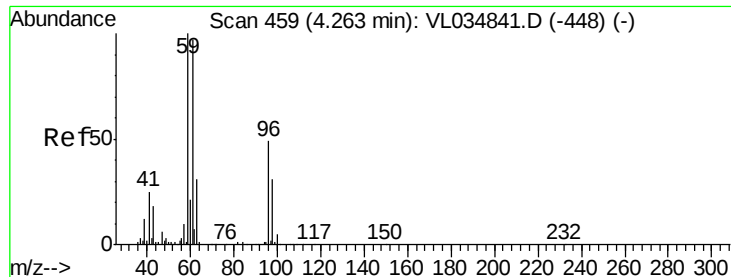
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#16
1,3-Butadiene
Concen: 9.528 ppbv
RT: 3.29 min Scan# 156
Delta R.T. 0.00 min
Lab File: VL034934.D
Acq: 23 Mar 2020 18:00

Tgt Ion: 39 Resp: 573733
Ion Ratio Lower Upper
39 100
54 81.7 65.0 97.6





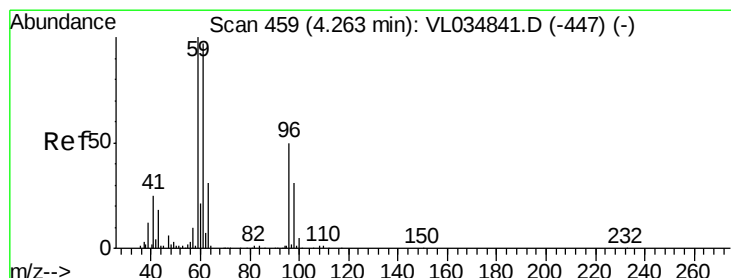
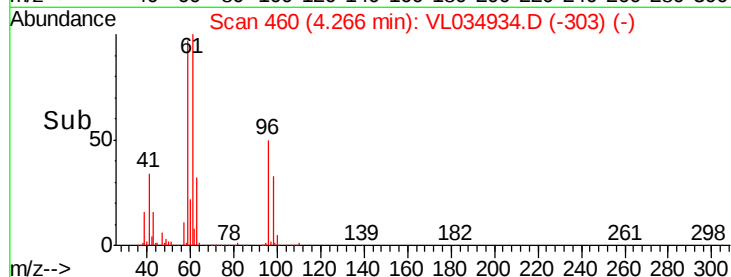
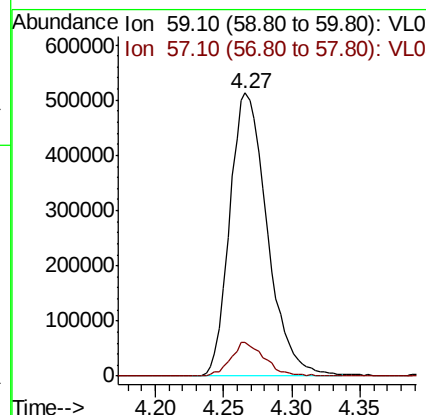
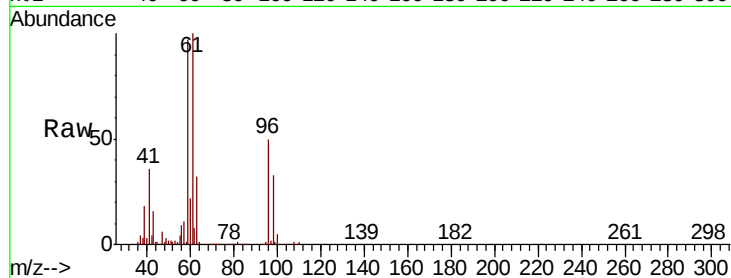
#17
 tert-Butyl alcohol
 Concen: 7.633 ppbv
 RT: 4.27 min Scan# 460
 Delta R.T. 0.00 min
 Lab File: VL034934.D
 Acq: 23 Mar 2020 18:00

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.1	8.3	12.5

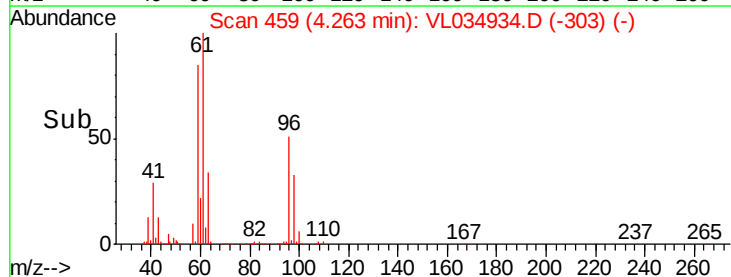
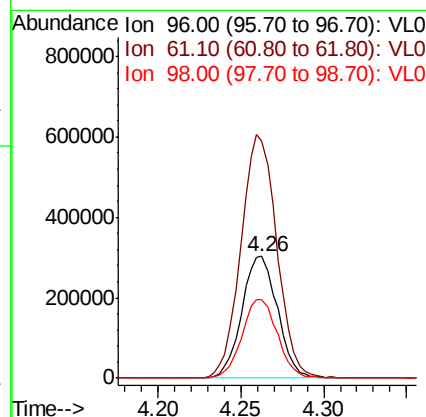
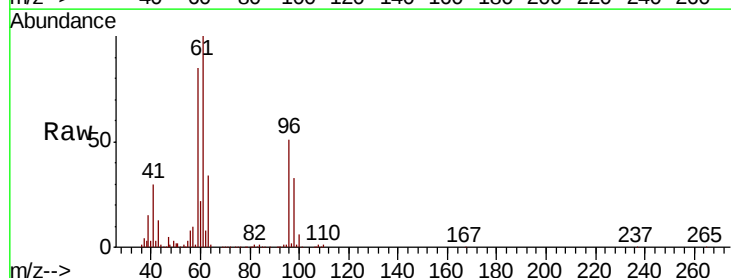
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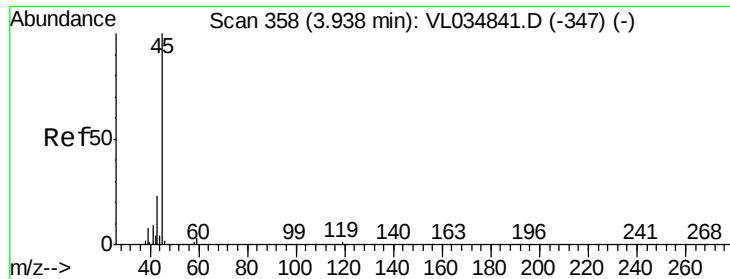
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#18
 1,1-Dichloroethene
 Concen: 9.768 ppbv
 RT: 4.26 min Scan# 459
 Delta R.T. 0.00 min
 Lab File: VL034934.D
 Acq: 23 Mar 2020 18:00

Tgt Ion	Ratio	Lower	Upper
96	100		
61	195.6	157.3	235.9
98	65.0	50.2	75.4





#19

Isopropyl Alcohol

Concen: 8.749 ppbv

RT: 3.94 min Scan# 358

Delta R.T. 0.00 min

Lab File: VL034934.D

Acq: 23 Mar 2020 18:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion: 45 Resp: 735740

Ion Ratio Lower Upper

45 100

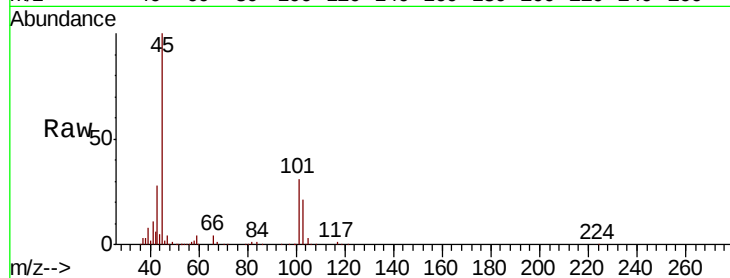
58 2.7 30.5 45.7#

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Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

3.94

400000

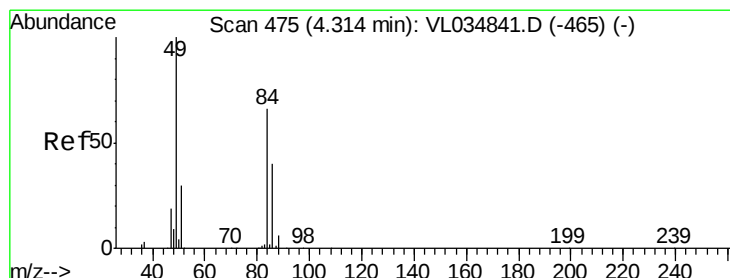
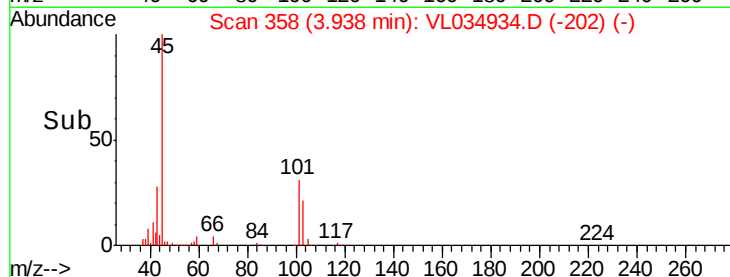
300000

200000

100000

0

Time--> 3.85 3.90 3.95 4.00



#20

Methylene Chloride

Concen: 10.060 ppbv

RT: 4.32 min Scan# 476

Delta R.T. 0.00 min

Lab File: VL034934.D

Acq: 23 Mar 2020 18:00

Tgt Ion: 84 Resp: 423522

Ion Ratio Lower Upper

84 100

49 144.3 121.5 182.3

51 41.4 36.6 55.0

86 62.9 48.2 72.2

Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0

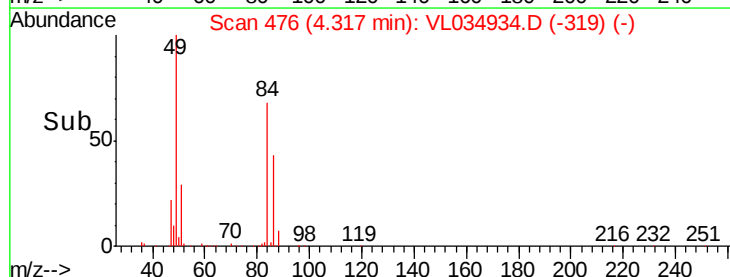
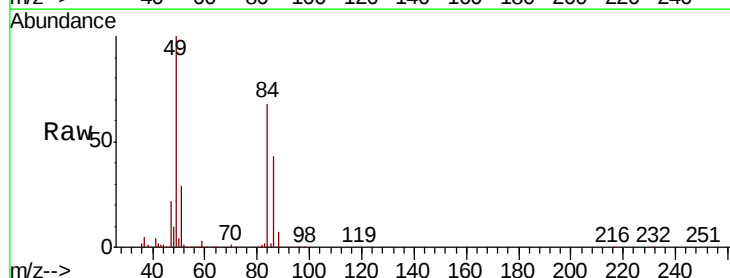
600000

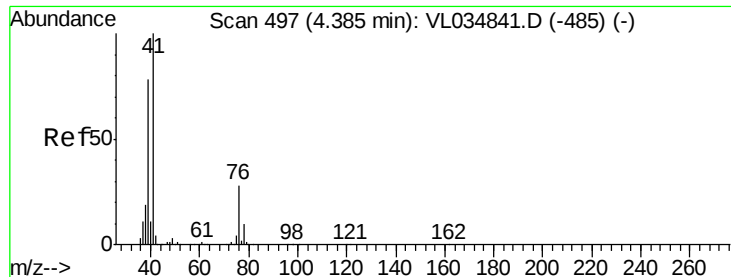
400000

200000

0

Time--> 4.25 4.30 4.35





#21

Allvl Chloride

Concen: 9.106 ppbv

RT: 4.39 min Scan# 498

Delta R.T. 0.00 min

Lab File: VL034934.D

Acq: 23 Mar 2020 18:00

Instrument :

MSVOA_L

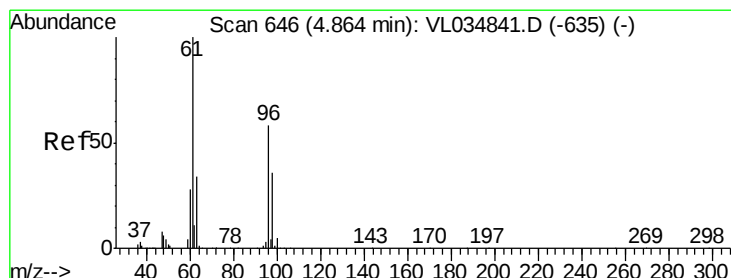
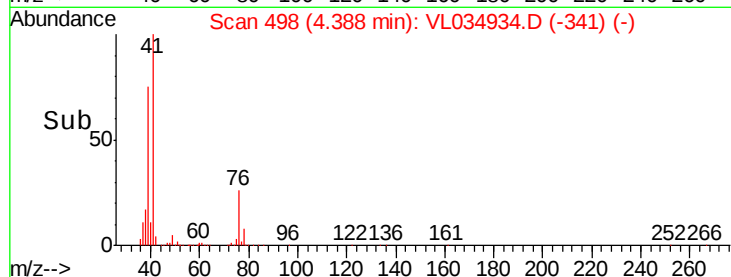
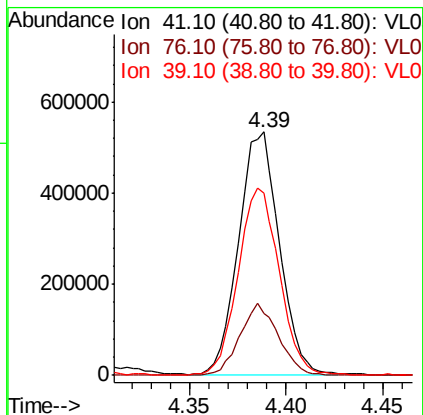
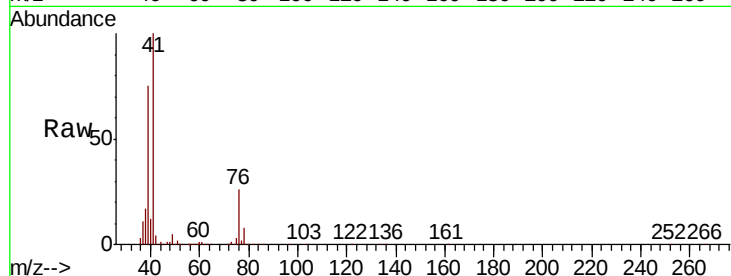
ClientSampleId :

VSTDCCC010EC

Tot Ion:	41	Resp:	778796
Ion Ratio	Lower	Upper	
41	100		
76	28.2	22.2	33.2
39	78.3	62.6	93.8

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#22

trans-1,2-Dichloroethene

Concen: 9.601 ppbv

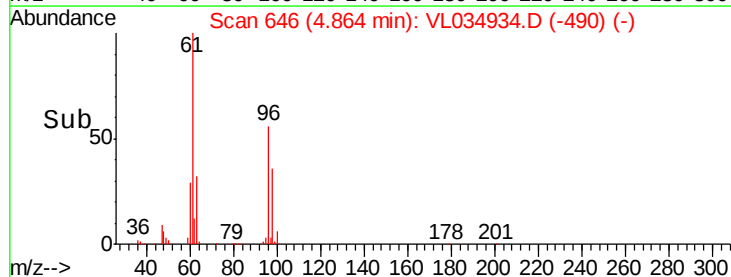
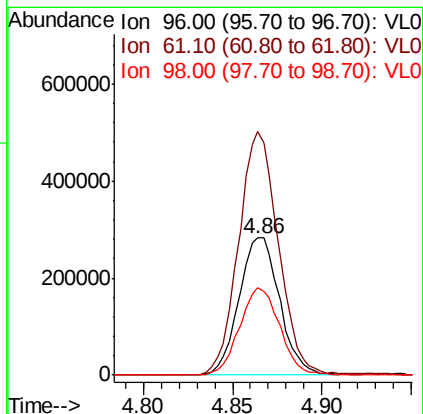
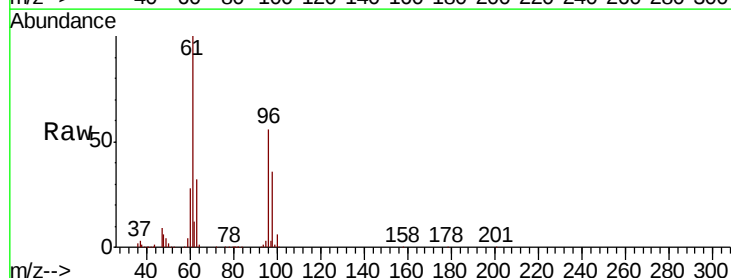
RT: 4.86 min Scan# 646

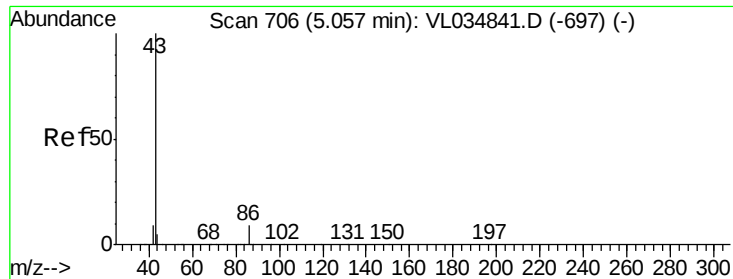
Delta R.T. 0.00 min

Lab File: VL034934.D

Acq: 23 Mar 2020 18:00

Tgt Ion:	96	Resp:	451872
Ion Ratio	Lower	Upper	
96	100		
61	177.3	139.0	208.6
98	63.6	50.3	75.5





#23

Vinyl Acetate

Concen: 9.122 ppbv

RT: 5.06 min Scan# 706

Delta R.T. 0.00 min

Lab File: VL034934.D

Acq: 23 Mar 2020 18:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

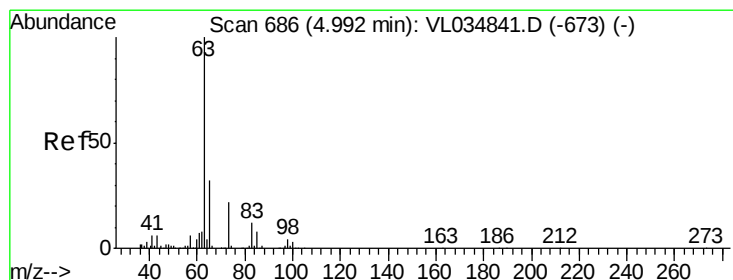
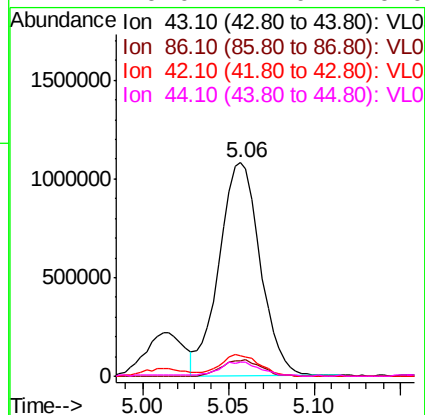
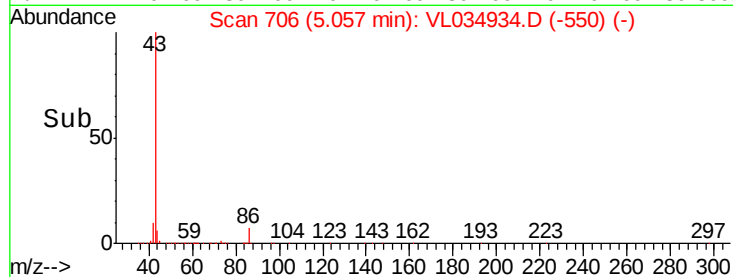
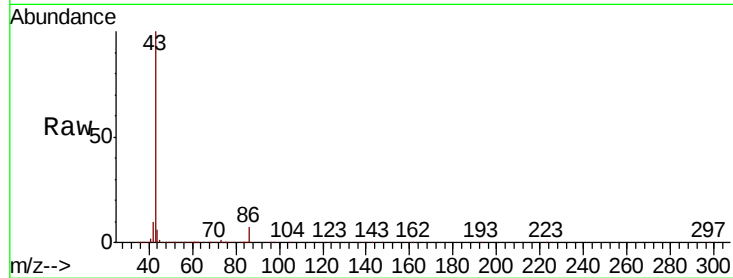
Tot Ion: 43 Resp: 1794288

Ion Ratio Lower Upper

43	100		
86	7.4	6.3	9.5
42	9.7	7.8	11.8
44	6.0	4.0	6.0

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#24

1,1-Dichloroethane

Concen: 9.327 ppbv

RT: 4.99 min Scan# 686

Delta R.T. 0.00 min

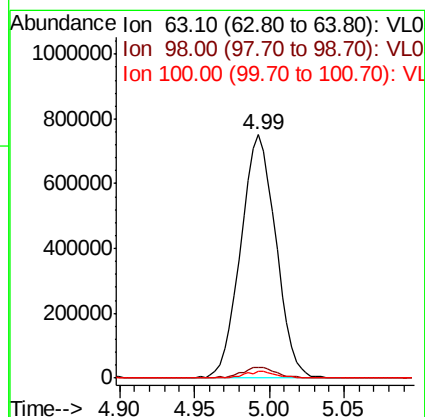
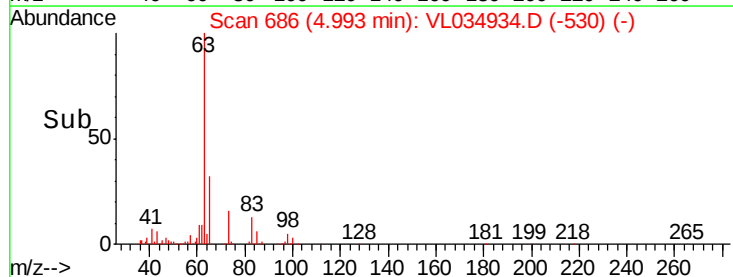
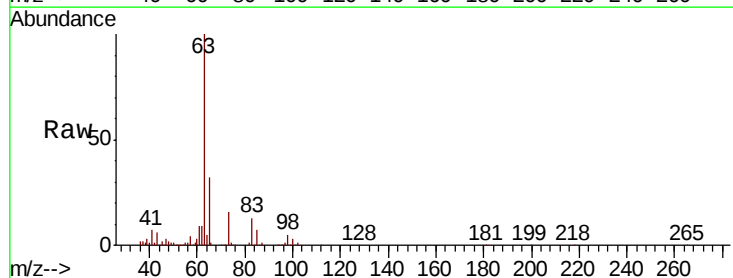
Lab File: VL034934.D

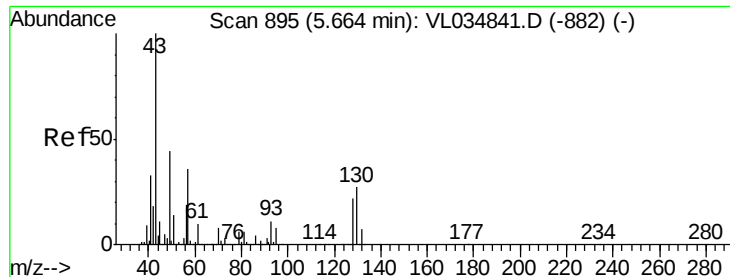
Acq: 23 Mar 2020 18:00

Tgt Ion: 63 Resp: 1229961

Ion Ratio Lower Upper

63	100		
98	4.4	2.0	5.8
100	2.6	1.4	4.0





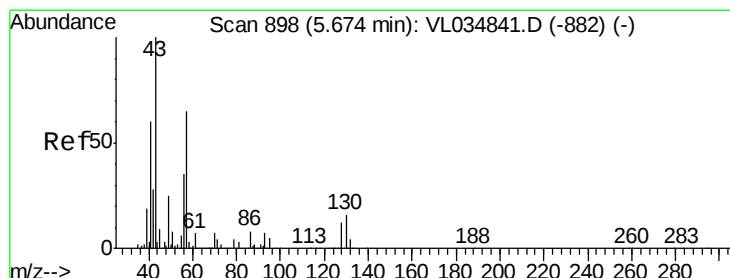
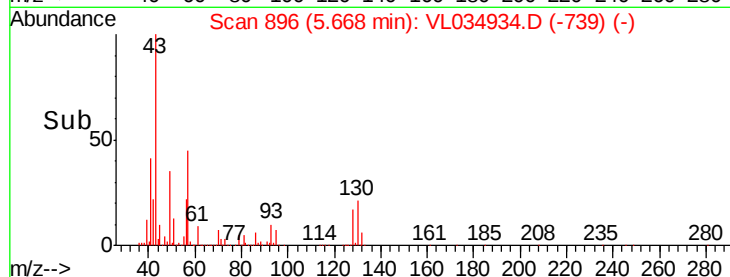
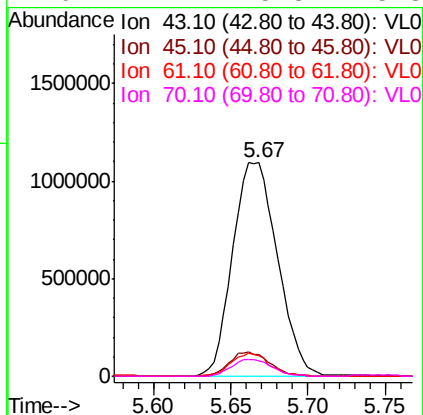
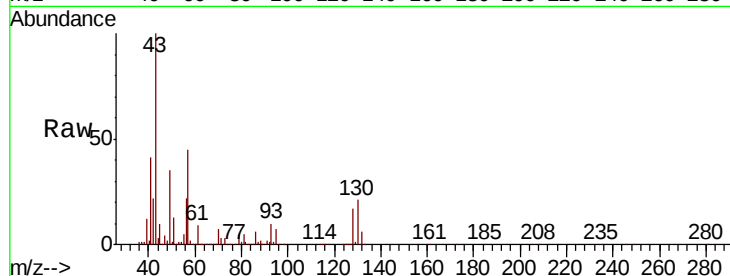
#25
Ethyl Acetate
Concen: 9.293 ppbv
RT: 5.67 min Scan# 896
Delta R.T. 0.00 min
Lab File: VL034934.D
Acq: 23 Mar 2020 18:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion	Ion	Ratio	Lower	Upper
43	100			
45	10.2	8.2	12.2	
61	9.4	7.8	11.6	
70	7.2	5.8	8.8	

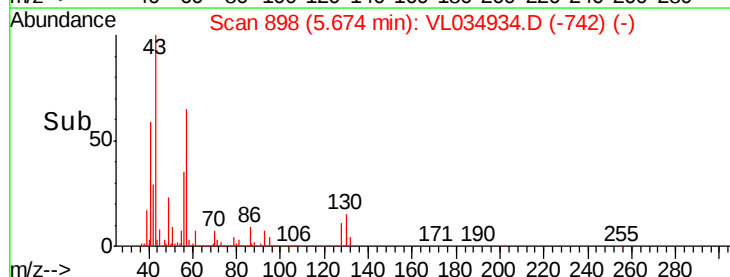
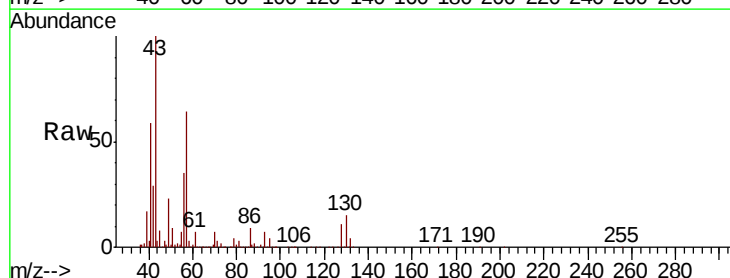
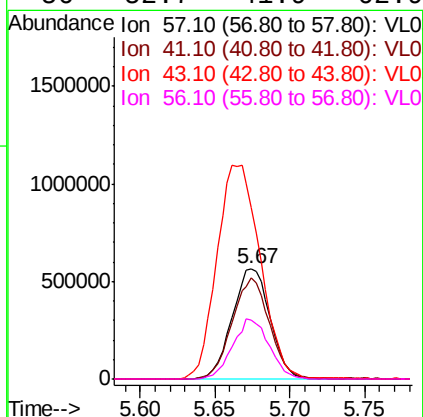
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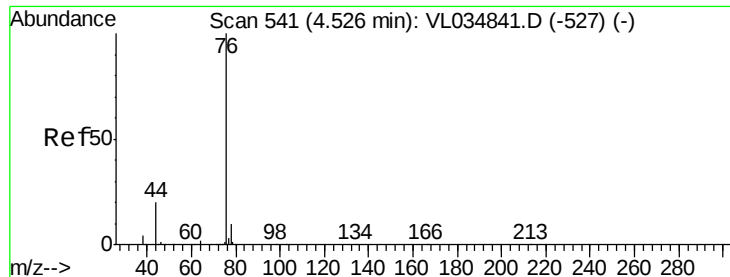
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#26
Hexane
Concen: 9.708 ppbv
RT: 5.67 min Scan# 898
Delta R.T. 0.00 min
Lab File: VL034934.D
Acq: 23 Mar 2020 18:00

Tgt Ion	Ion	Ratio	Lower	Upper
57	100			
41	90.7	72.6	109.0	
43	224.1	183.8	275.6	
56	52.7	41.9	62.9	





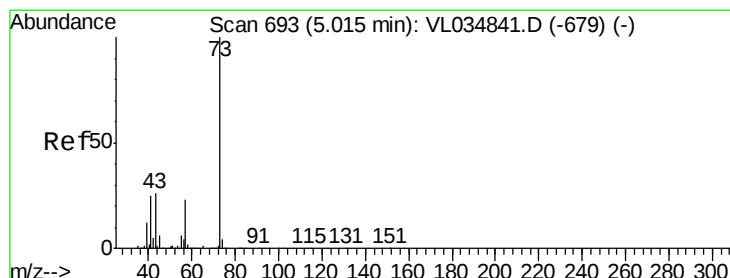
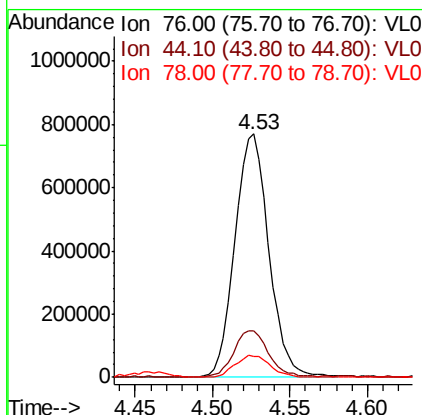
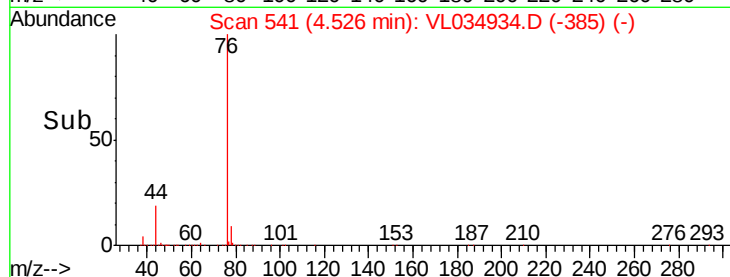
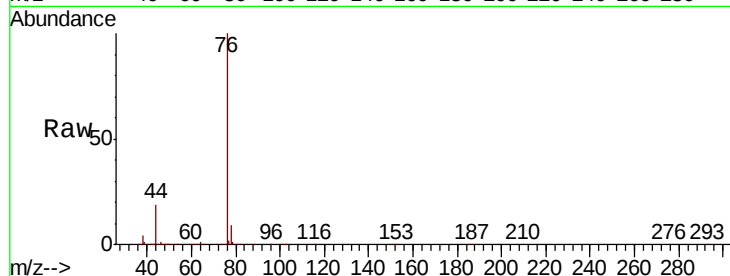
#27
Carbon Disulfide
Concen: 10.147 ppbv
RT: 4.53 min Scan# 541
Delta R.T. 0.00 min
Lab File: VL034934.D
Acq: 23 Mar 2020 18:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion: 76 Resp: 1176284
Ion Ratio Lower Upper
76 100
44 19.5 16.2 24.2
78 9.7 7.8 11.6

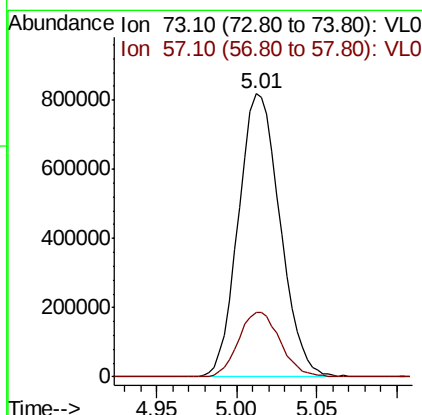
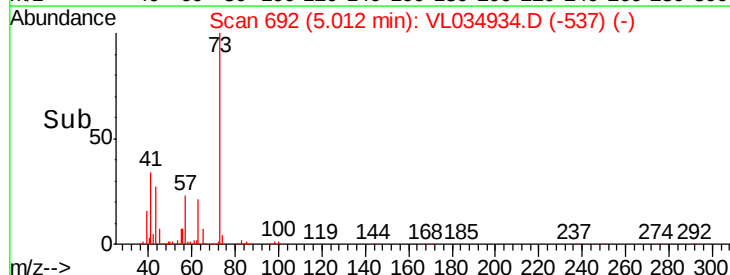
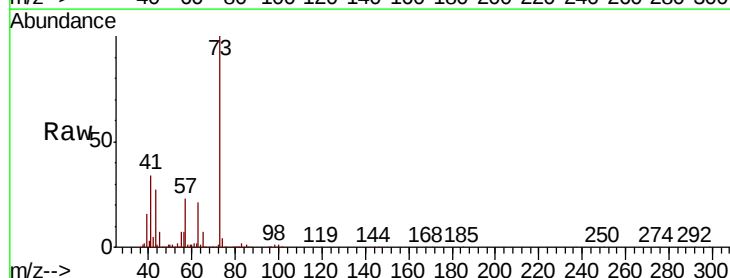
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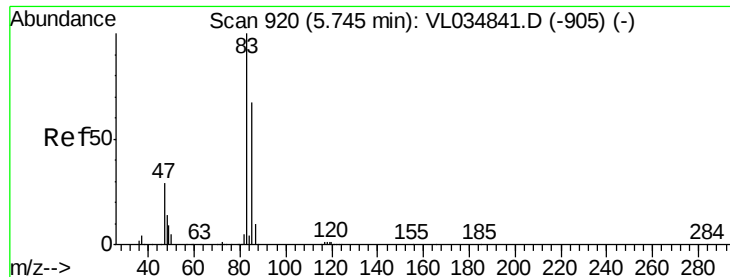
apatel
3/25/2020 11:54:28 AM



#28
Methyl tert-Butyl Ether
Concen: 8.539 ppbv
RT: 5.01 min Scan# 692
Delta R.T. -0.00 min
Lab File: VL034934.D
Acq: 23 Mar 2020 18:00

Tgt Ion: 73 Resp: 1451422
Ion Ratio Lower Upper
73 100
57 23.1 18.3 27.5





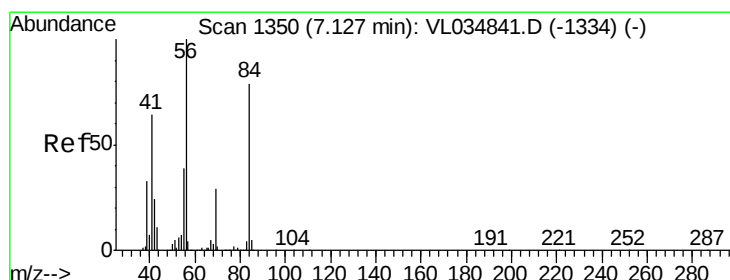
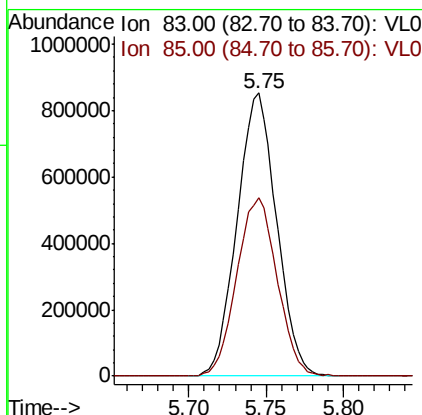
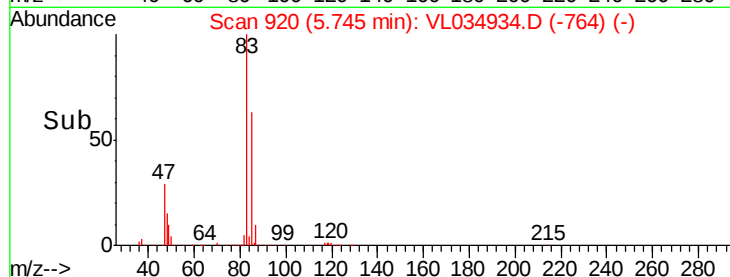
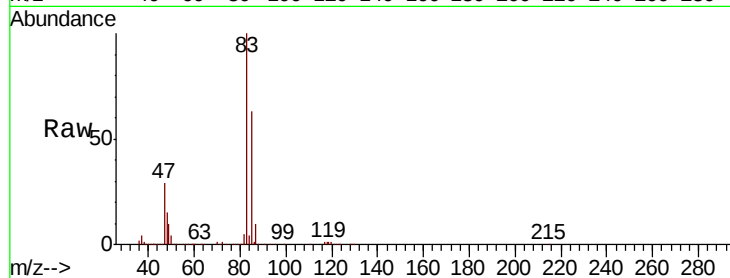
#29
Chloroform
Concen: 9.689 ppbv
RT: 5.75 min Scan# 920
Delta R.T. 0.00 min
Lab File: VL034934.D
Acq: 23 Mar 2020 18:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion: 83 Resp: 1510222
Ion Ratio Lower Upper
83 100
85 62.9 53.8 80.6

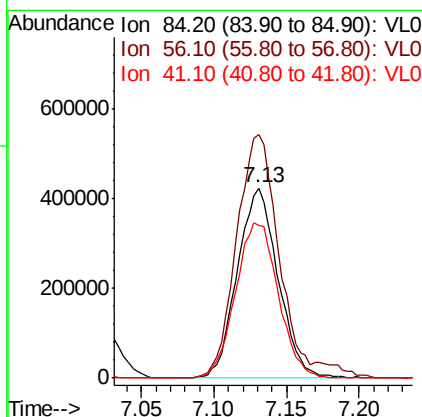
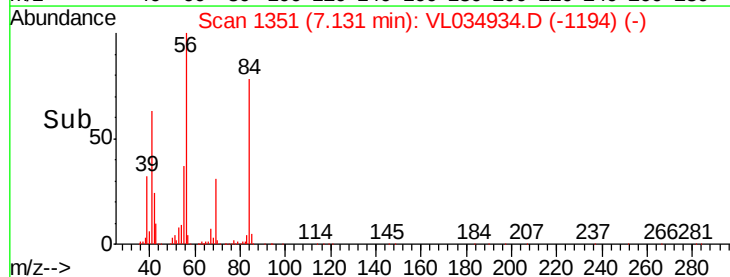
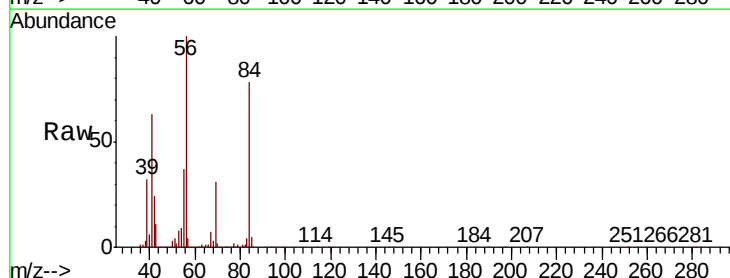
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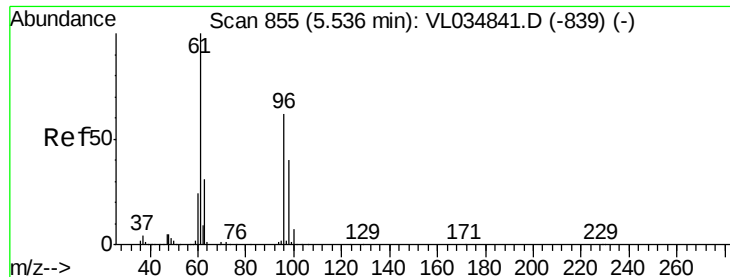
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#30
Cyclohexane
Concen: 9.583 ppbv
RT: 7.13 min Scan# 1351
Delta R.T. 0.00 min
Lab File: VL034934.D
Acq: 23 Mar 2020 18:00

Tgt Ion: 84 Resp: 816808
Ion Ratio Lower Upper
84 100
56 138.7 110.5 165.7
41 86.8 68.2 102.4





#31

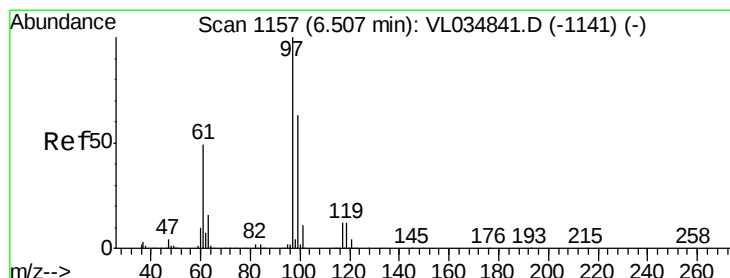
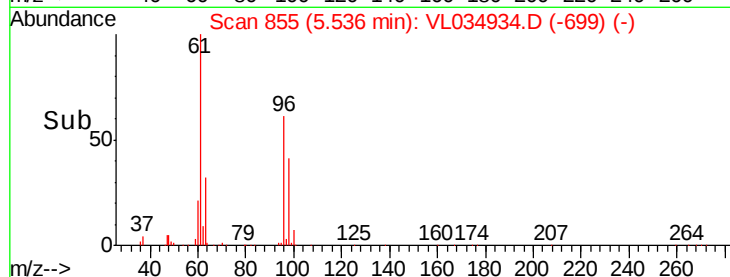
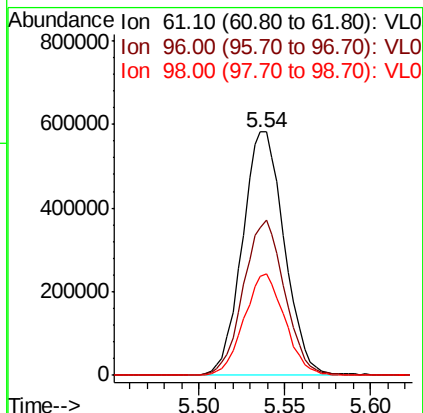
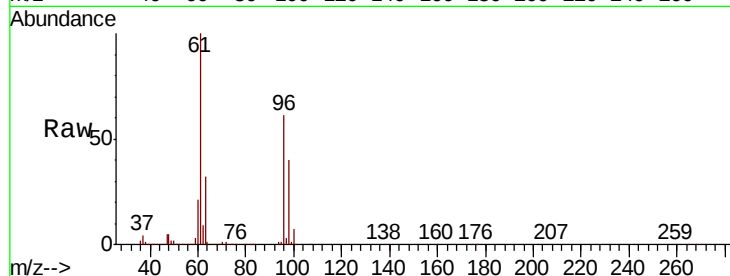
cis-1,2-Dichloroethene
Concen: 9.406 ppbv
RT: 5.54 min Scan# 855
Delta R.T. 0.00 min
Lab File: VL034934.D
Acq: 23 Mar 2020 18:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
61	100		
96	60.8	49.8	74.8
98	40.4	32.2	48.4

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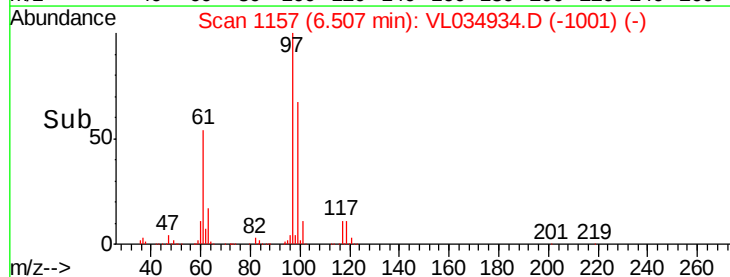
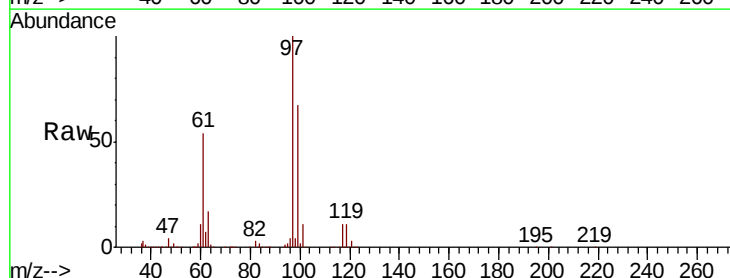
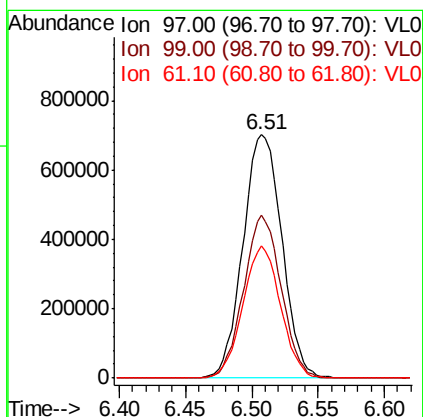
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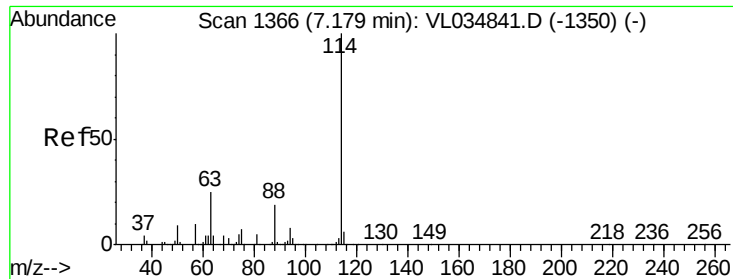


#32

1,1,1-Trichloroethane
Concen: 9.473 ppbv
RT: 6.51 min Scan# 1157
Delta R.T. 0.00 min
Lab File: VL034934.D
Acq: 23 Mar 2020 18:00

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.1	76.7
61	52.5	39.7	59.5





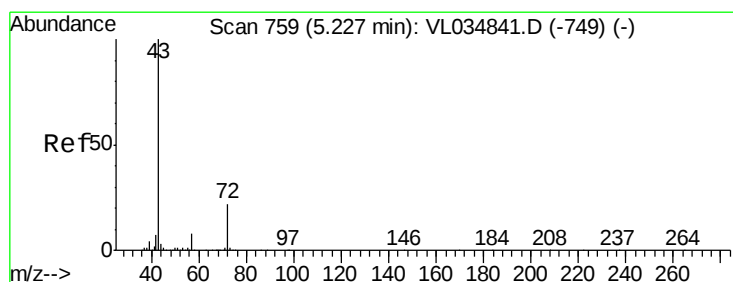
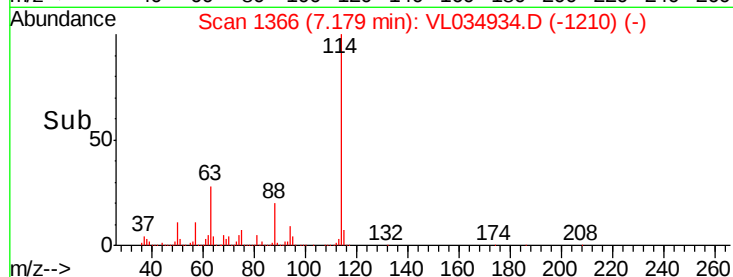
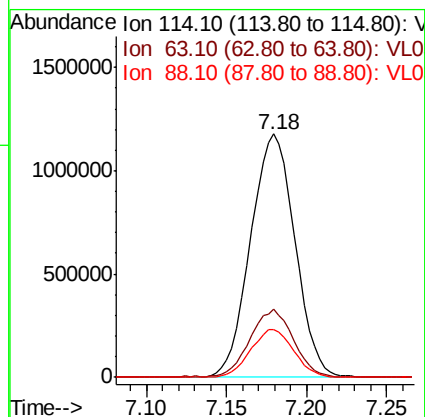
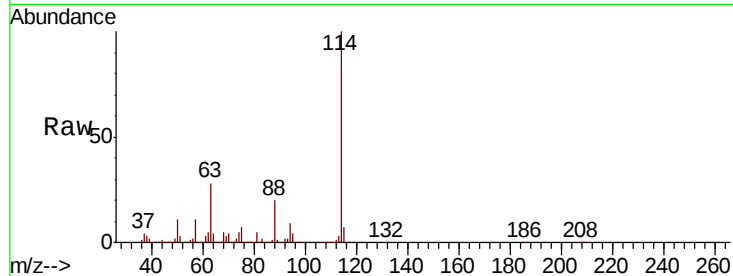
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1366
 Delta R.T. 0.00 min
 Lab File: VL034934.D
 Acq: 23 Mar 2020 18:00

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
114	100		
63	27.9	20.6	31.0
88	19.2	15.0	22.6

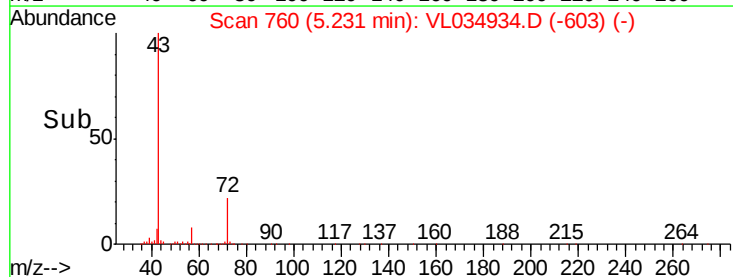
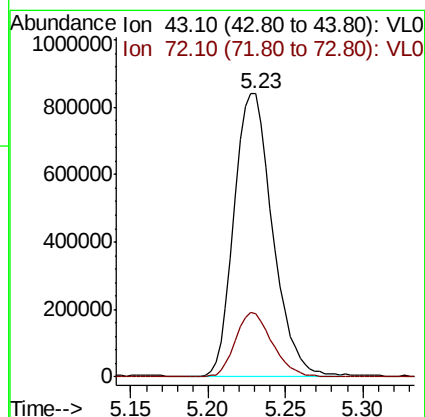
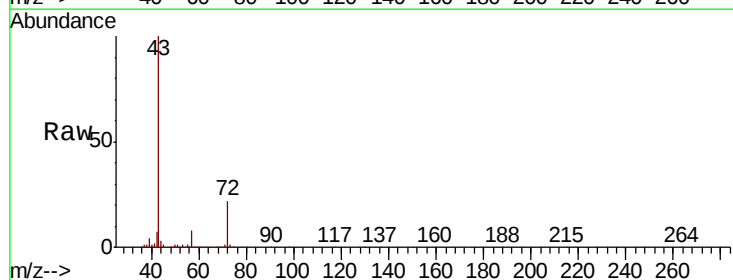
Manual Integrations
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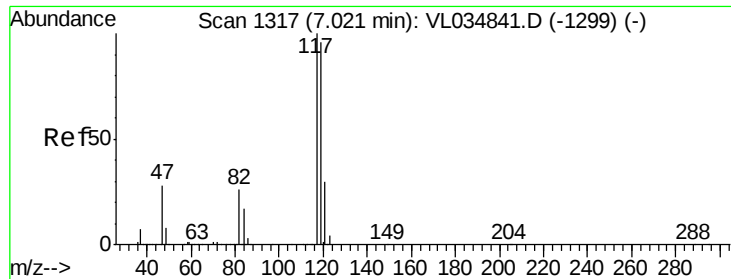
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#34
 2-Butanone
 Concen: 9.752 ppbv
 RT: 5.23 min Scan# 760
 Delta R.T. 0.00 min
 Lab File: VL034934.D
 Acq: 23 Mar 2020 18:00

Tgt Ion	Ratio	Lower	Upper
43	100		
72	22.1	17.6	26.4





#35

Carbon Tetrachloride

Concen: 10.571 ppbv

RT: 7.02 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VL034934.D

Acq: 23 Mar 2020 18:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion:117 Resp: 1471873

Ion Ratio Lower Upper

117 100

119 92.5 77.0 115.4

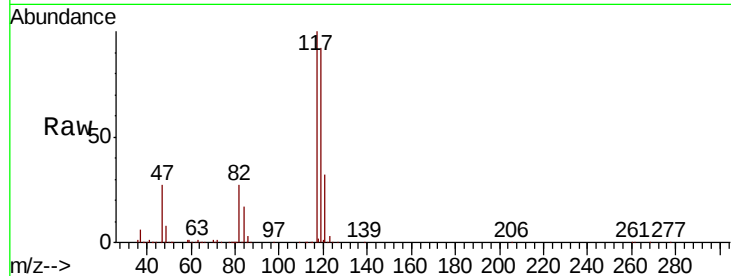
121 31.7 24.0 36.0

Manual Integrations

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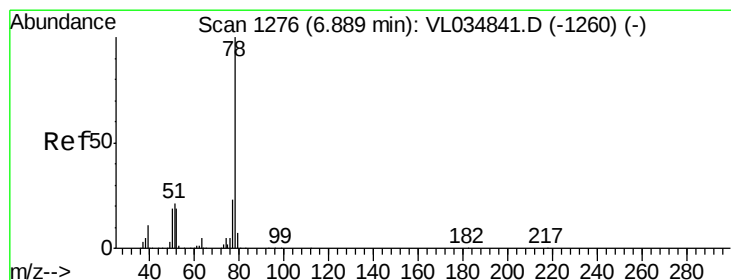
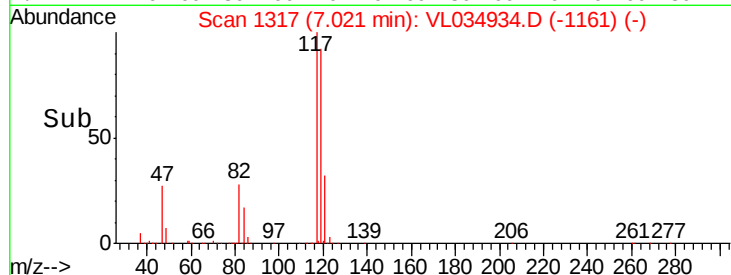
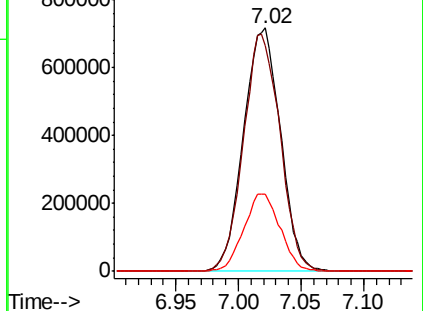
3/25/2020 11:54:28 AM



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: 9.726 ppbv

RT: 6.89 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VL034934.D

Acq: 23 Mar 2020 18:00

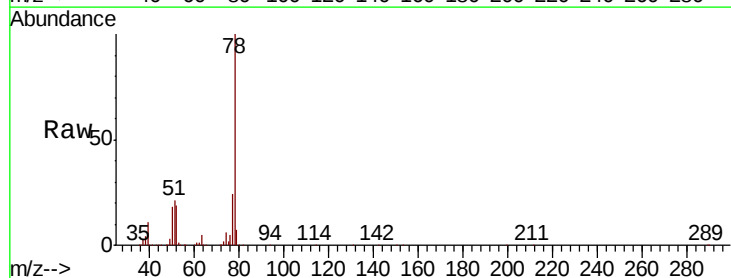
Tgt Ion: 78 Resp: 1940807

Ion Ratio Lower Upper

78 100

77 23.6 18.2 27.2

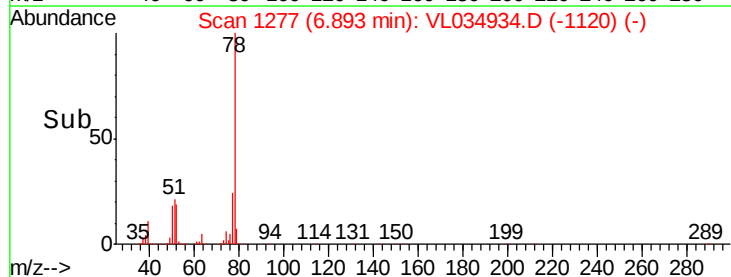
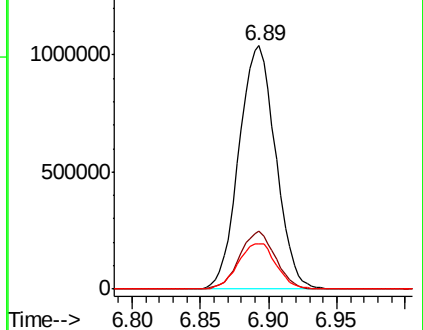
50 18.5 15.2 22.8

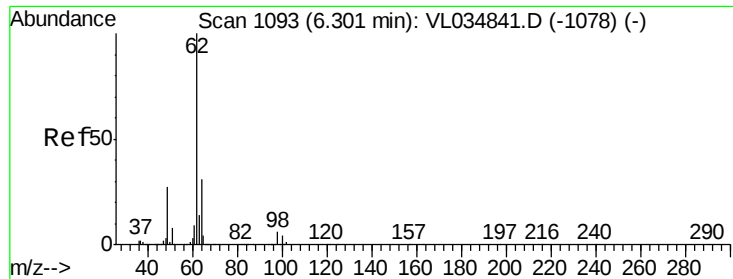


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0





#37

1,2-Dichloroethane

Concen: 10.287 ppbv

RT: 6.30 min Scan# 1093

Delta R.T. 0.00 min

Lab File: VL034934.D

Acq: 23 Mar 2020 18:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion: 62 Resp: 1157482

Ion Ratio Lower Upper

62 100

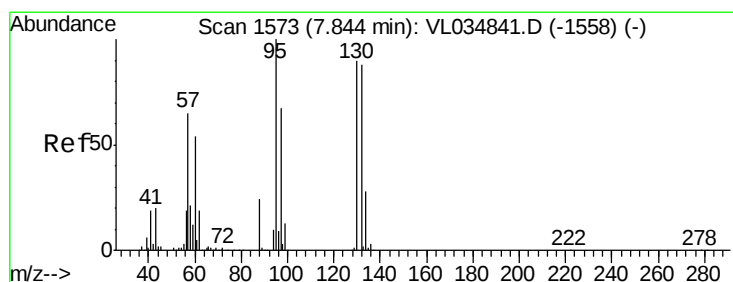
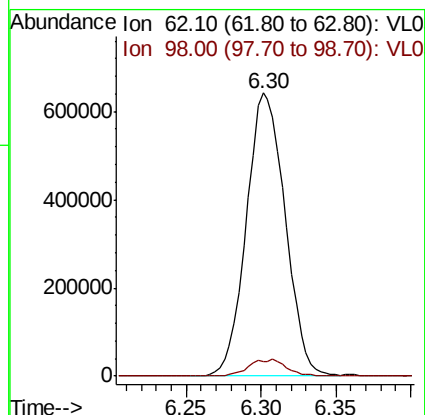
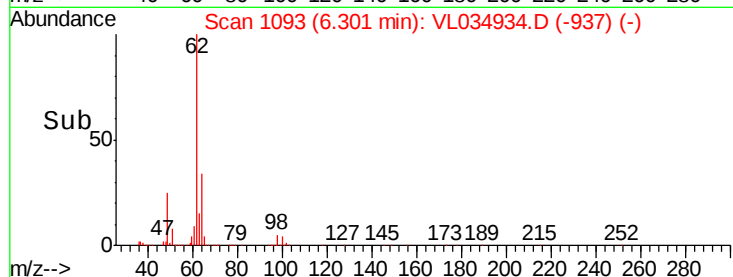
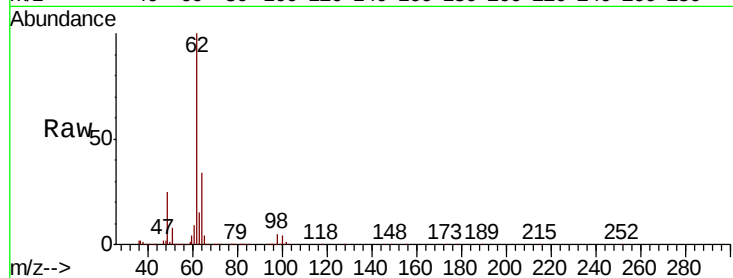
98 5.8 5.2 7.8

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#38

Trichloroethene

Concen: 9.805 ppbv

RT: 7.84 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VL034934.D

Acq: 23 Mar 2020 18:00

Tgt Ion: 130 Resp: 743084

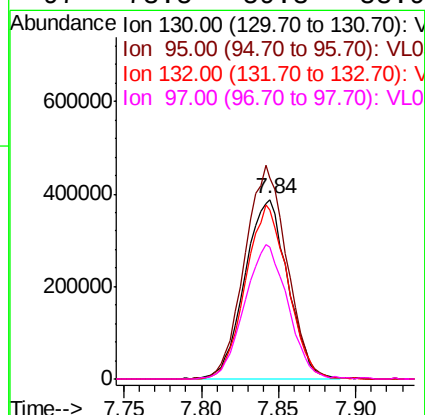
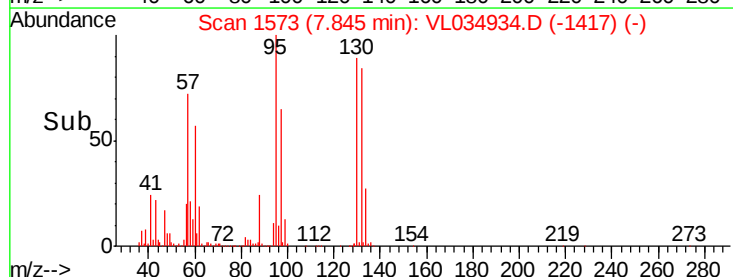
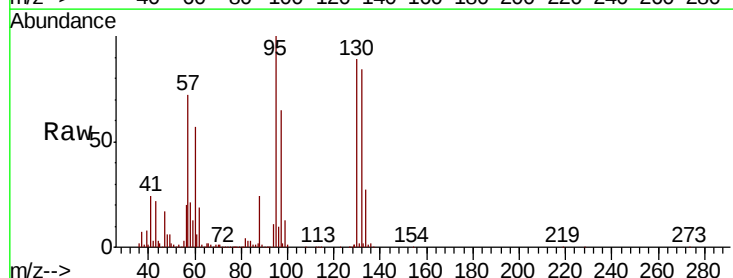
Ion Ratio Lower Upper

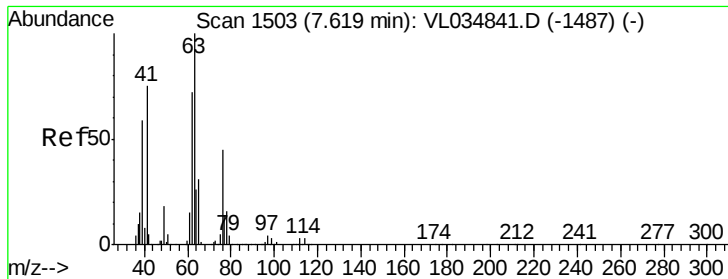
130 100

95 112.5 88.5 132.7

132 94.6 78.0 117.0

97 73.5 59.3 88.9





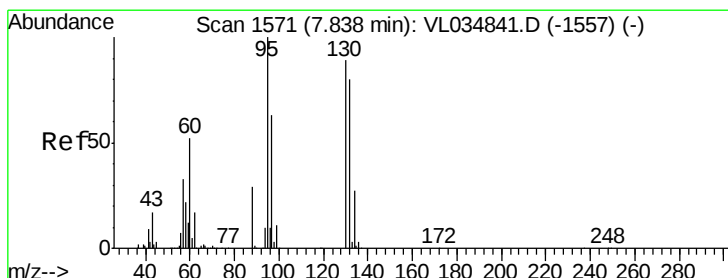
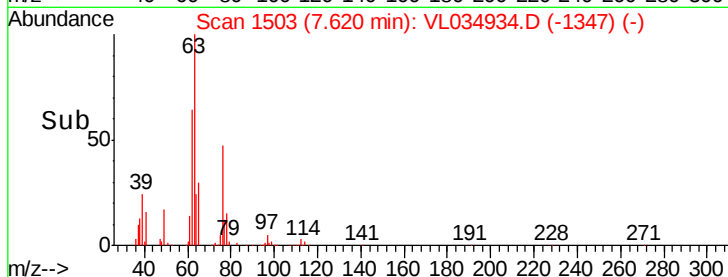
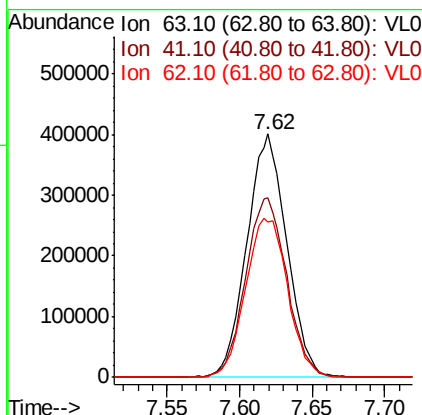
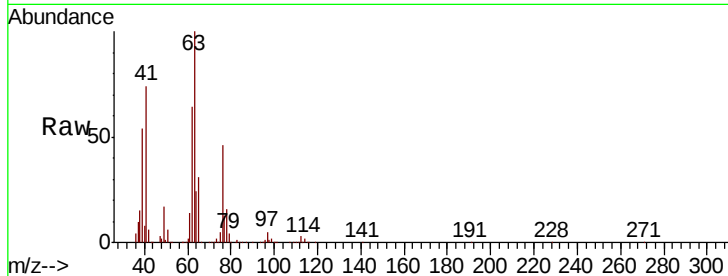
#39
 1,2-Dichloropropane
 Concen: 9.742 ppbv
 RT: 7.62 min Scan# 1503
 Delta R.T. 0.00 min
 Lab File: VL034934.D
 Acq: 23 Mar 2020 18:00

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
63	100		
41	73.6	59.8	89.8
62	63.8	57.6	86.4

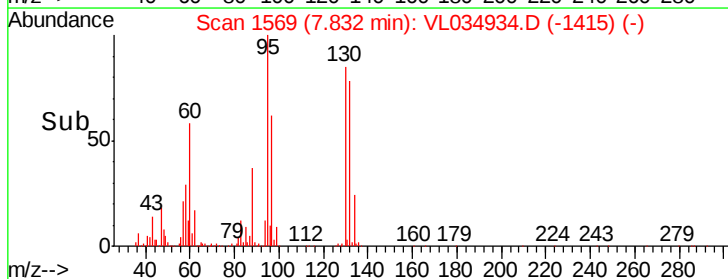
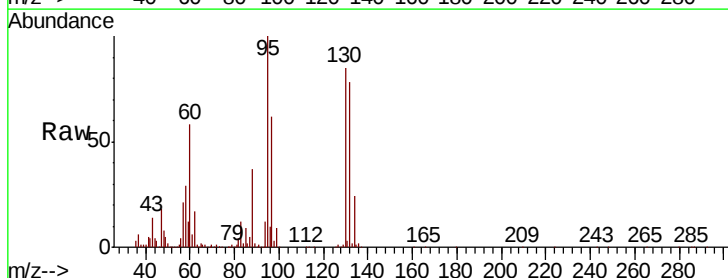
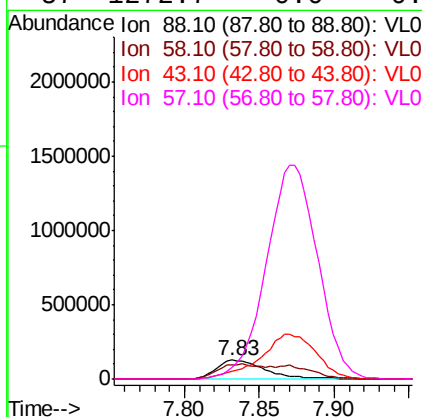
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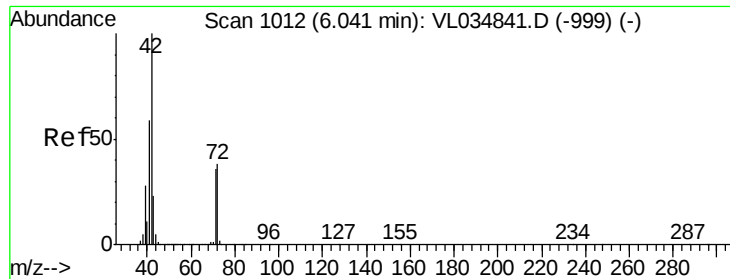
apatel
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#40
 1,4-Dioxane
 Concen: 9.032 ppbv
 RT: 7.83 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: VL034934.D
 Acq: 23 Mar 2020 18:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	142.3	103.9	155.9
43	290.5	0.0	0.0#
57	1272.7	0.0	0.0#





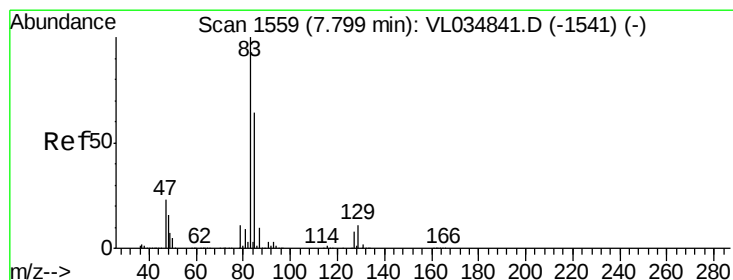
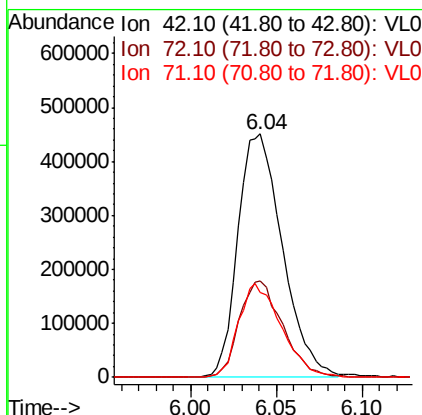
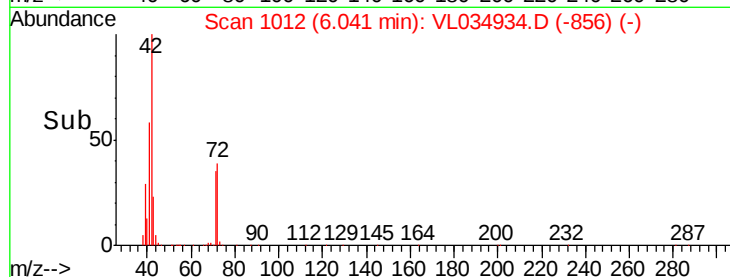
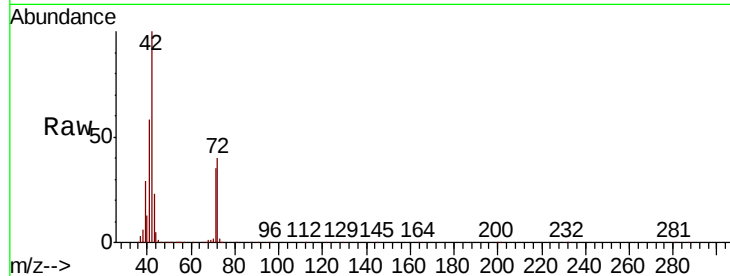
#41
Tetrahydrofuran
Concen: 10.115 ppbv
RT: 6.04 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VL034934.D
Acq: 23 Mar 2020 18:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	38.7	30.8	46.2
71	37.3	30.1	45.1

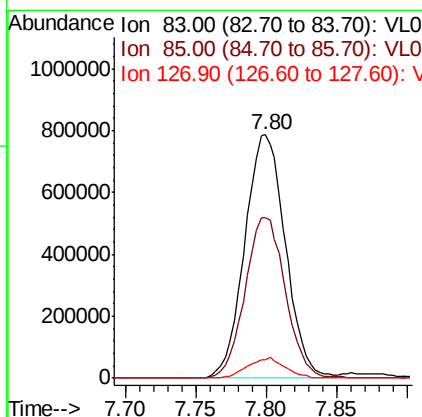
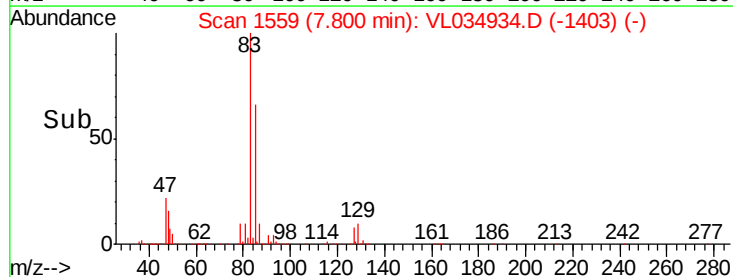
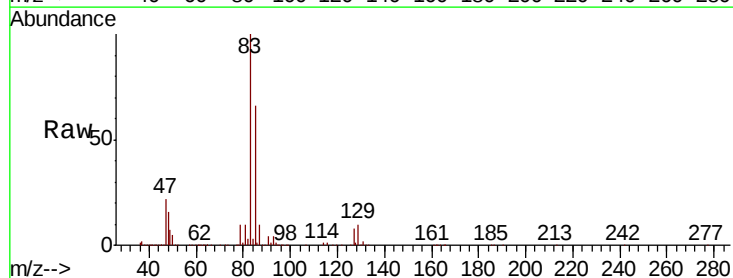
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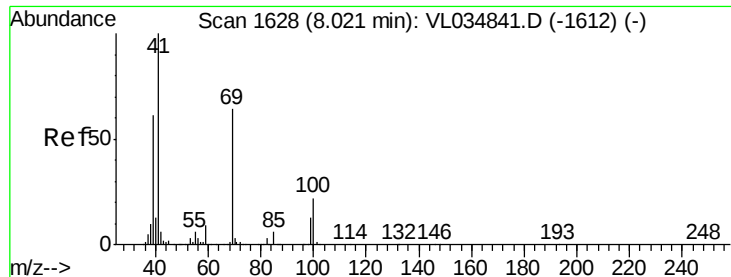
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#42
Bromodichloromethane
Concen: 10.346 ppbv
RT: 7.80 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VL034934.D
Acq: 23 Mar 2020 18:00

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.1	51.4	77.2
127	7.7	6.2	9.4





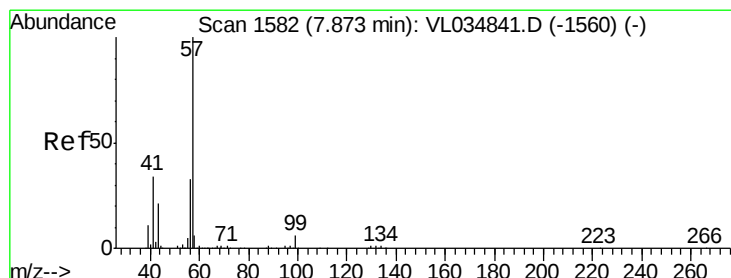
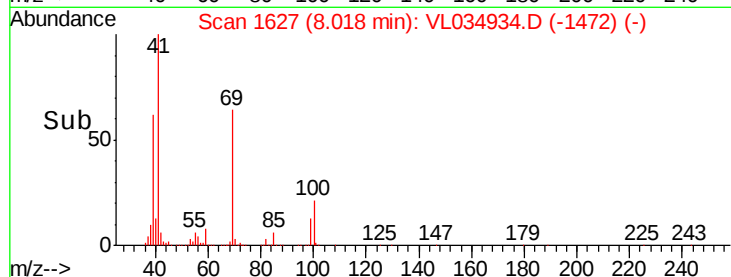
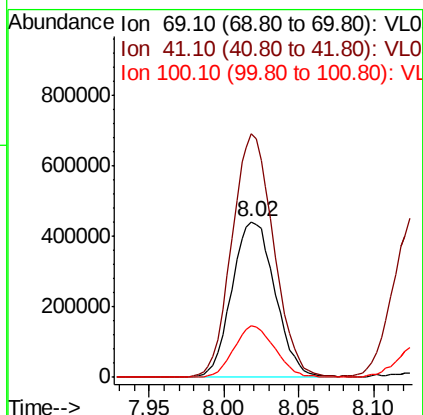
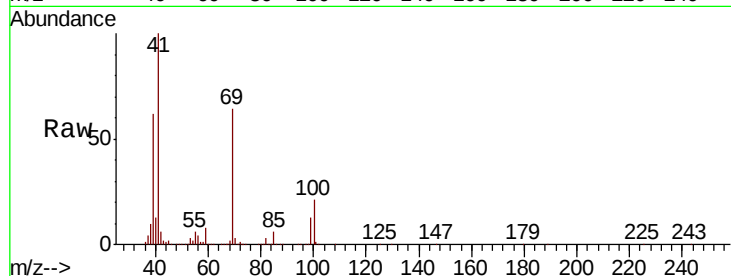
#43
Methyl Methacrylate
Concen: 10.485 ppbv
RT: 8.02 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VL034934.D
Acq: 23 Mar 2020 18:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
69	100		
41	152.0	123.2	184.8
100	31.5	26.9	40.3

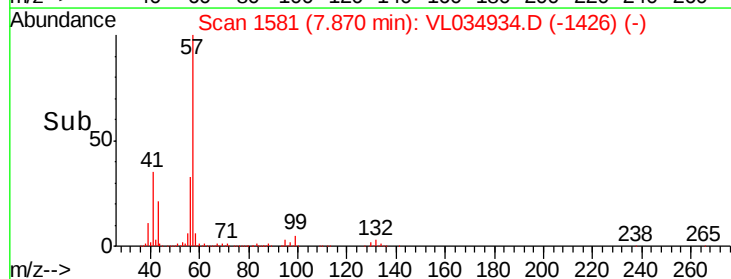
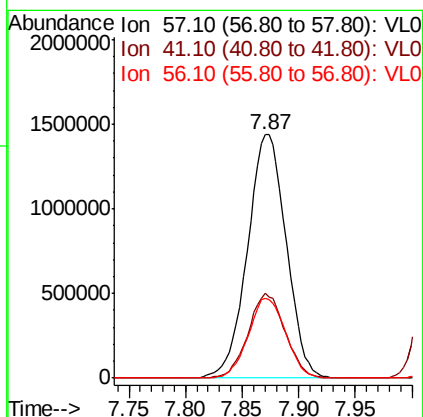
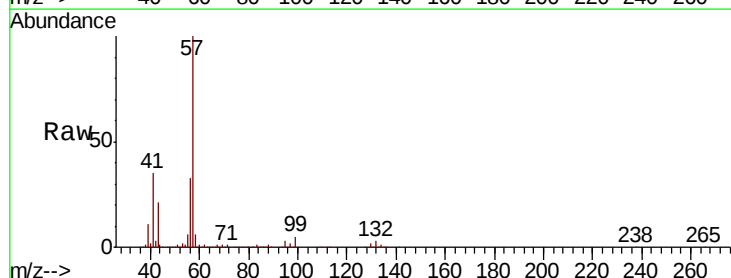
Manual Integrations
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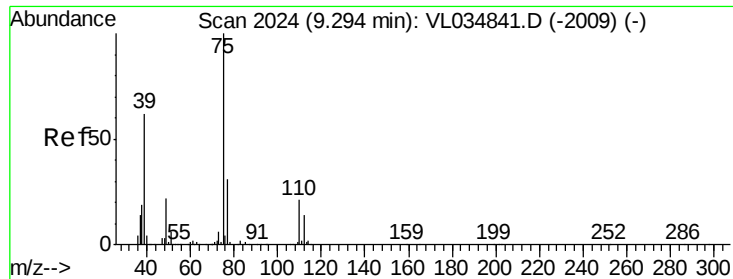
apatel
3/25/2020 11:54:28 AM



#44
2,2,4-Trimethylpentane
Concen: 10.157 ppbv
RT: 7.87 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VL034934.D
Acq: 23 Mar 2020 18:00

Tgt Ion	Ratio	Lower	Upper
57	100		
41	33.4	26.2	39.4
56	31.8	25.0	37.4





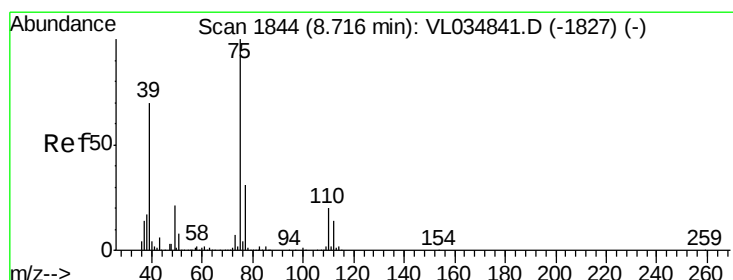
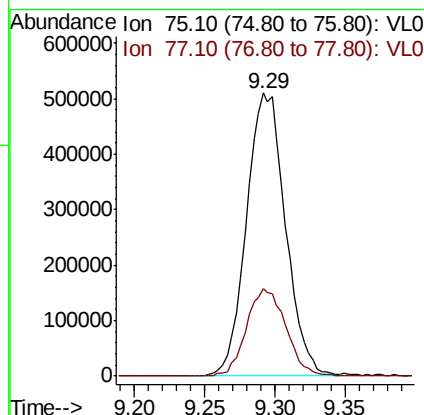
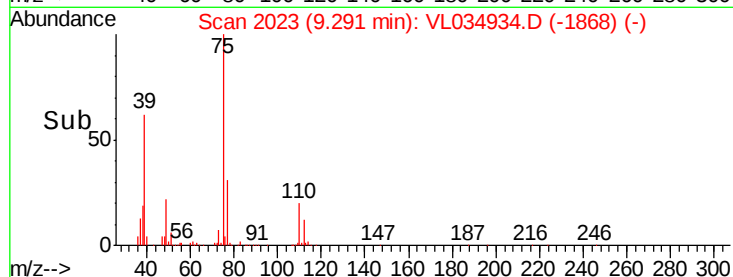
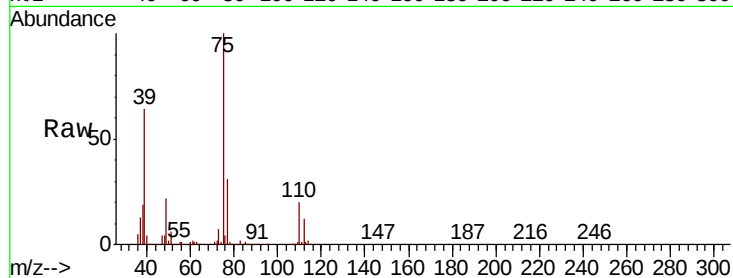
#45
t-1,3-Dichloropropene
Concen: 10.027 ppbv
RT: 9.29 min Scan# 2023
Delta R.T. -0.00 min
Lab File: VL034934.D
Acq: 23 Mar 2020 18:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion: 75 Resp: 990309
Ion Ratio Lower Upper
75 100
77 30.7 24.6 37.0

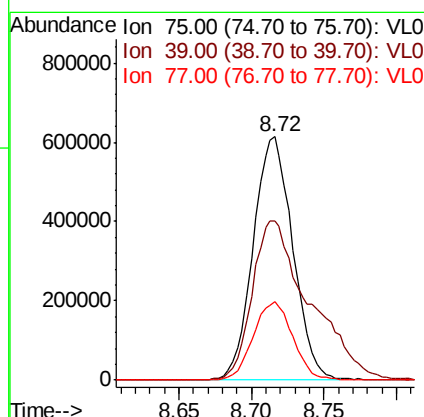
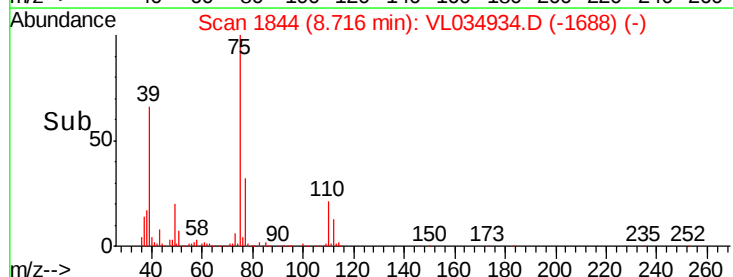
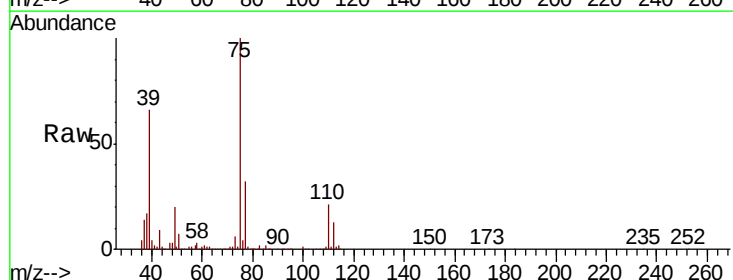
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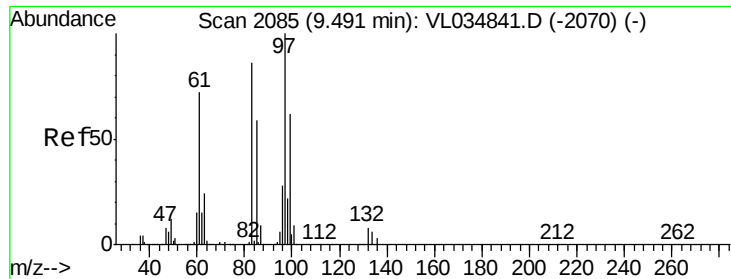
apatel
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#46
cis-1,3-Dichloropropene
Concen: 9.941 ppbv
RT: 8.72 min Scan# 1844
Delta R.T. 0.00 min
Lab File: VL034934.D
Acq: 23 Mar 2020 18:00

Tgt Ion: 75 Resp: 1166776
Ion Ratio Lower Upper
75 100
39 65.6 55.7 83.5
77 32.0 24.7 37.1





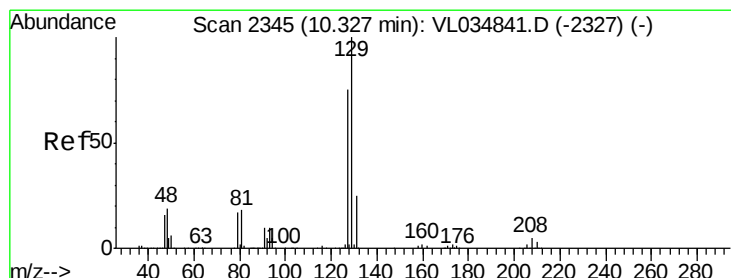
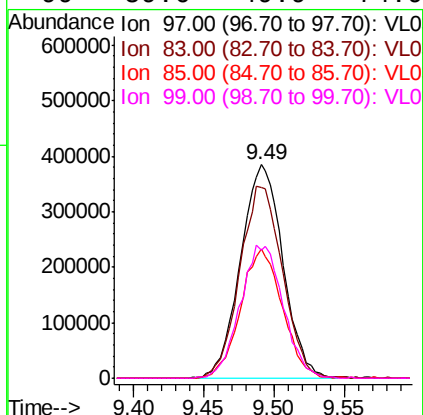
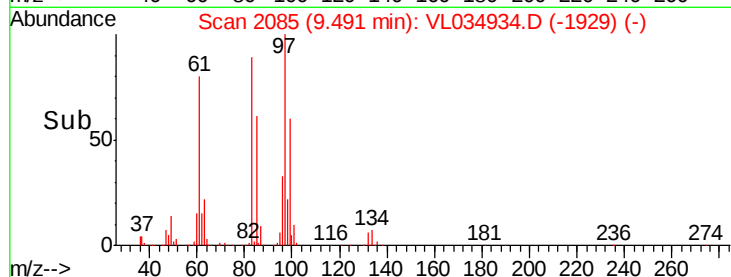
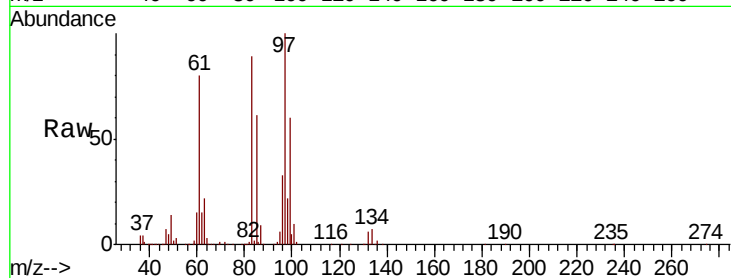
#47
 1,1,2-Trichloroethane
 Concen: 9.967 ppbv
 RT: 9.49 min Scan# 2085
 Delta R.T. 0.00 min
 Lab File: VL034934.D
 Acq: 23 Mar 2020 18:00

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tot Ion	Ion	Ratio	Lower	Upper
97	100			
83	89.3	68.6	102.8	
85	60.6	46.9	70.3	
99	59.6	49.9	74.9	

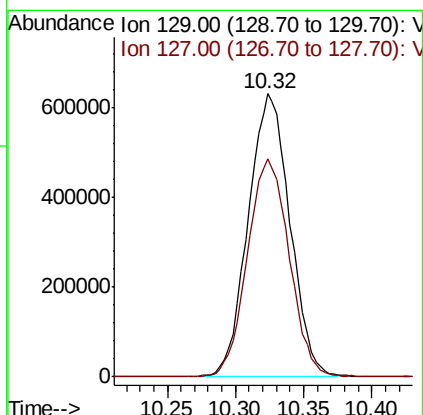
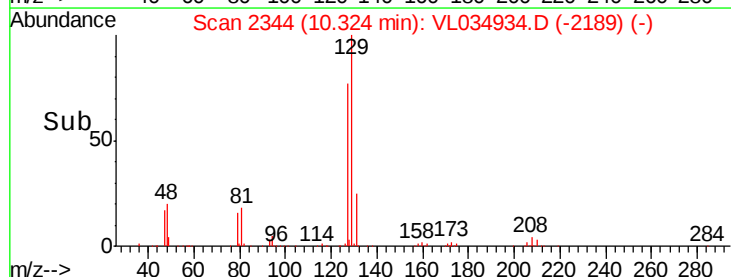
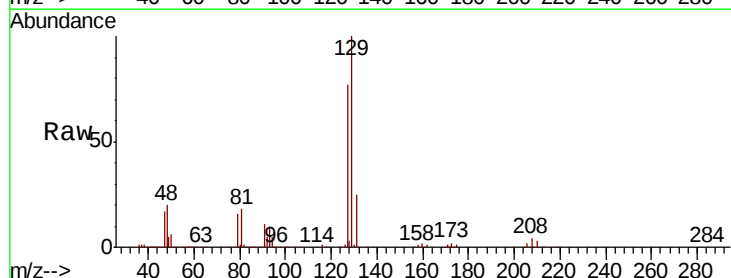
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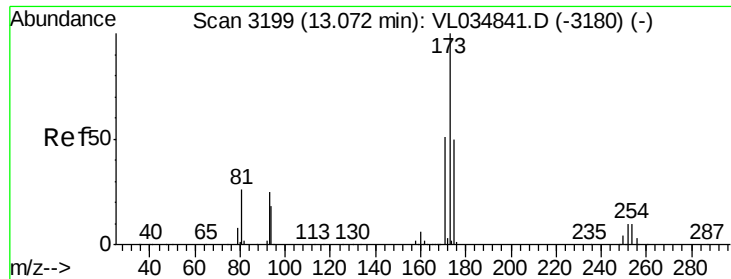
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#48
 Dibromochloromethane
 Concen: 10.177 ppbv
 RT: 10.32 min Scan# 2344
 Delta R.T. -0.00 min
 Lab File: VL034934.D
 Acq: 23 Mar 2020 18:00

Tgt Ion	Ion	Ratio	Lower	Upper
129	100			
127	77.6	39.6	118.7	





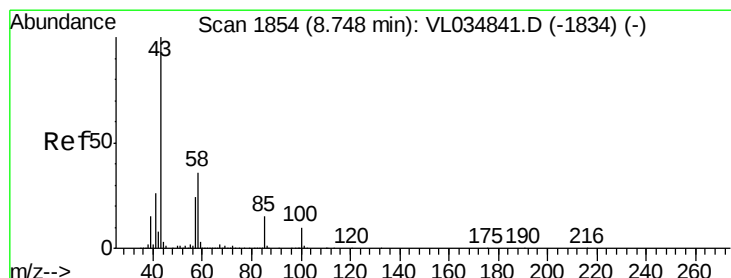
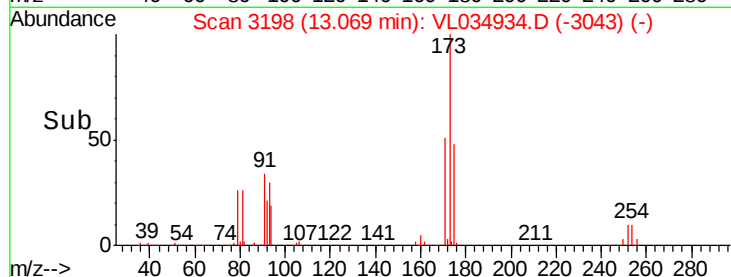
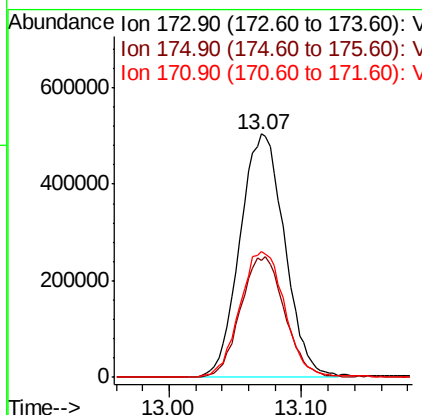
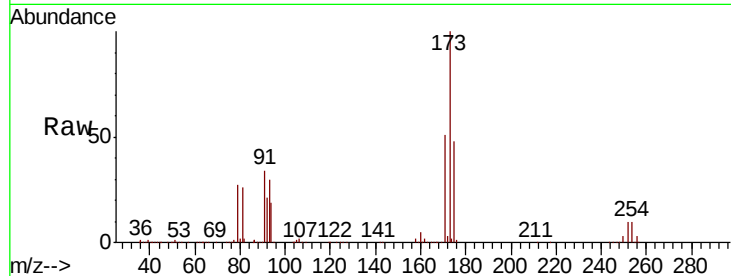
#49
Bromoform
Concen: 10.051 ppbv
RT: 13.07 min Scan# 3198
Delta R.T. -0.00 min
Lab File: VL034934.D
Acq: 23 Mar 2020 18:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion:173 Resp: 1177494
Ion Ratio Lower Upper
173 100
175 49.7 39.6 59.4
171 52.4 41.0 61.6

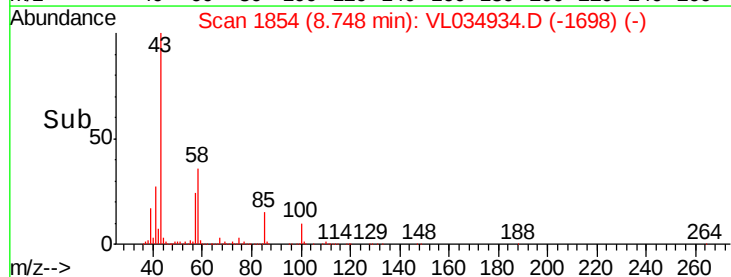
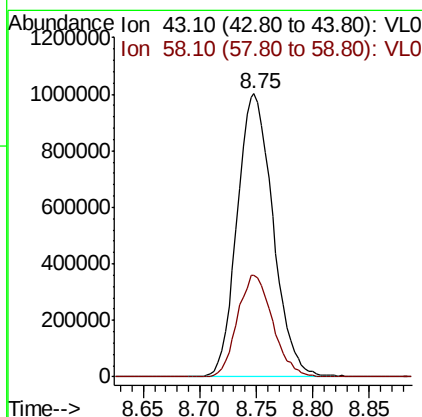
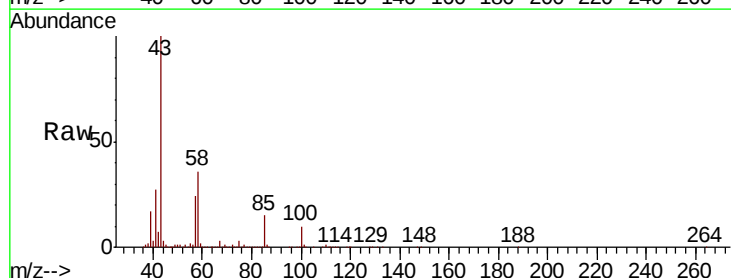
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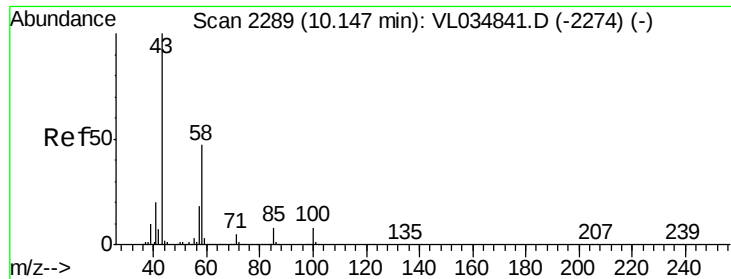
apatel
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#50
4-Methyl-2-Pentanone
Concen: 10.318 ppbv
RT: 8.75 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VL034934.D
Acq: 23 Mar 2020 18:00

Tgt Ion: 43 Resp: 2209617
Ion Ratio Lower Upper
43 100
58 35.4 28.6 42.8





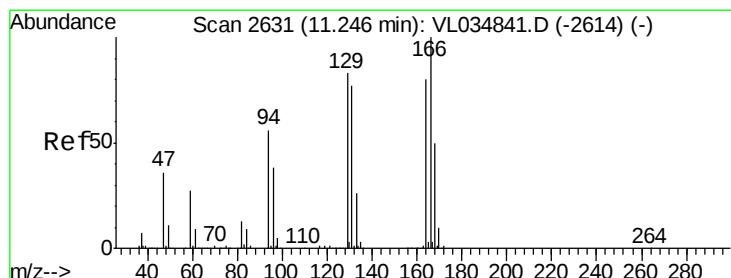
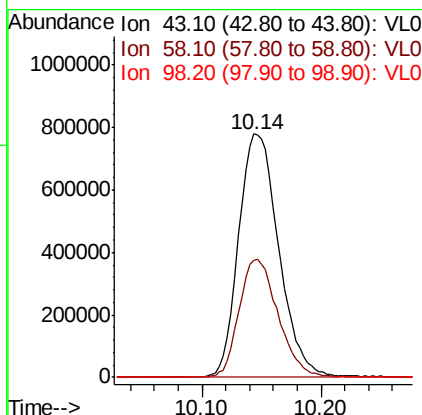
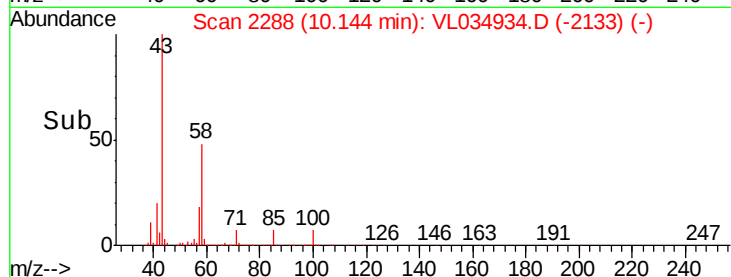
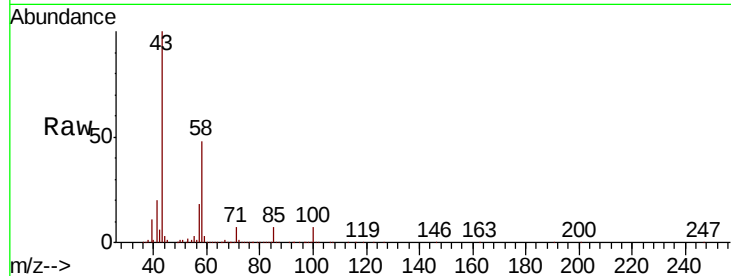
#51
2-Hexanone
Concen: 10.441 ppbv
RT: 10.14 min Scan# 2288
Delta R.T. -0.00 min
Lab File: VL034934.D
Acq: 23 Mar 2020 18:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion: 43 Resp: 1817162
Ion Ratio Lower Upper
43 100
58 47.4 38.6 58.0
98 0.4 0.1 0.1#

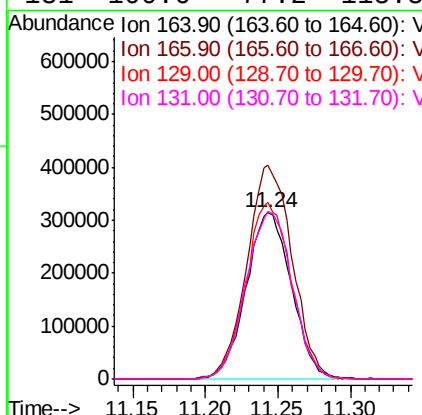
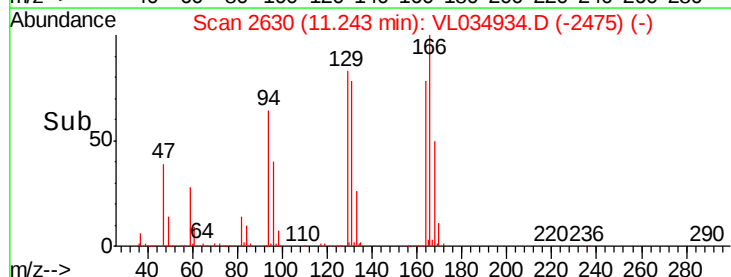
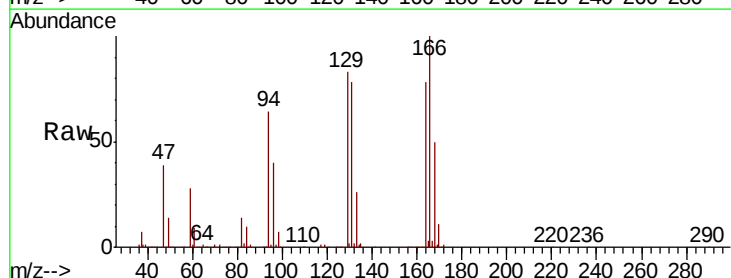
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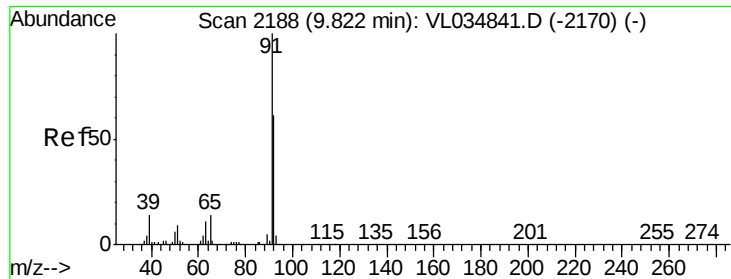
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#52
Tetrachloroethene
Concen: 8.617 ppbv
RT: 11.24 min Scan# 2630
Delta R.T. -0.00 min
Lab File: VL034934.D
Acq: 23 Mar 2020 18:00

Tgt Ion:164 Resp: 680274
Ion Ratio Lower Upper
164 100
166 128.5 100.0 150.0
129 106.3 83.1 124.7
131 100.6 77.2 115.8





#53

Toluene

Concen: 9.860 ppbv

RT: 9.82 min Scan# 2188

Delta R.T. 0.00 min

Lab File: VL034934.D

Acq: 23 Mar 2020 18:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion: 91 Resp: 2272053

Ion Ratio Lower Upper

91 100

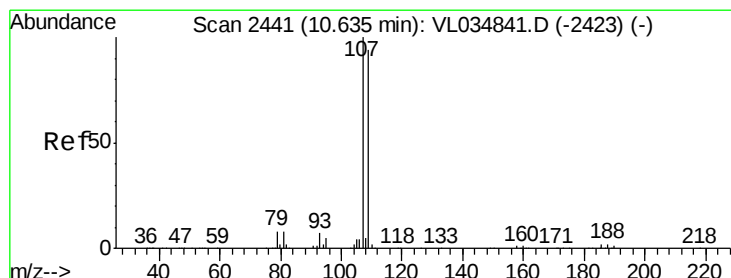
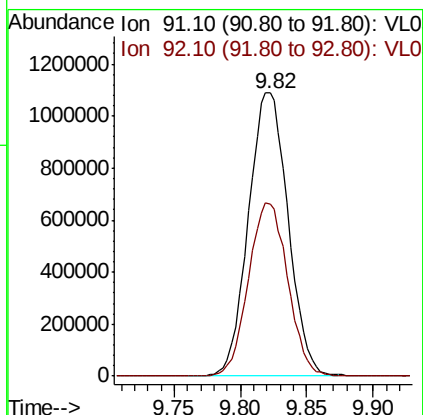
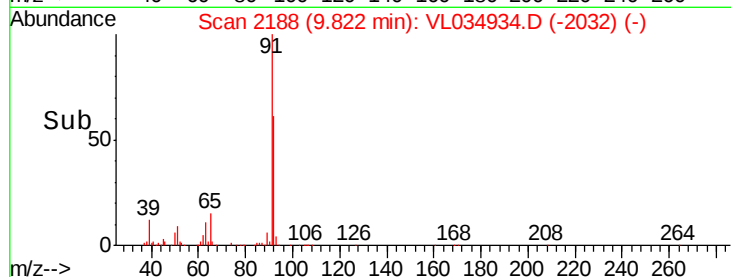
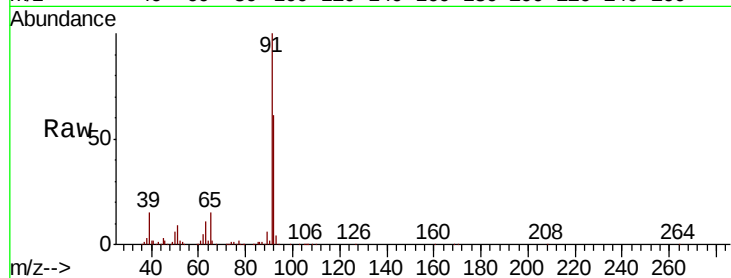
92 60.7 48.6 72.8

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#54

1,2-Dibromoethane

Concen: 9.991 ppbv

RT: 10.63 min Scan# 2439

Delta R.T. -0.01 min

Lab File: VL034934.D

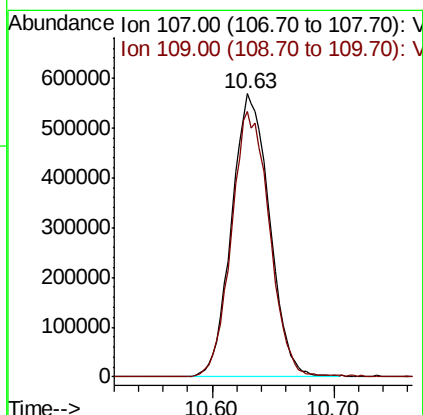
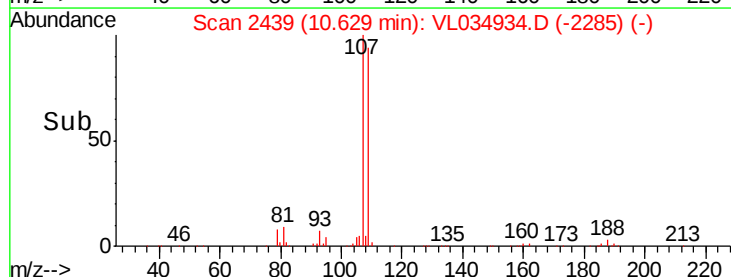
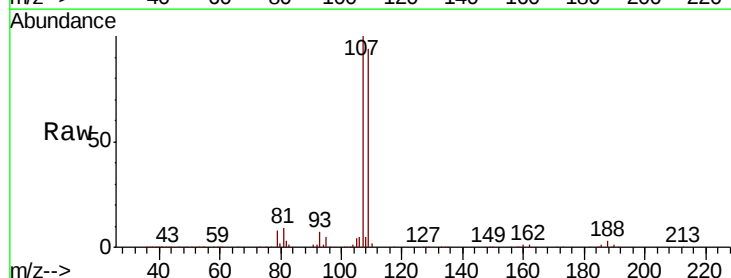
Acq: 23 Mar 2020 18:00

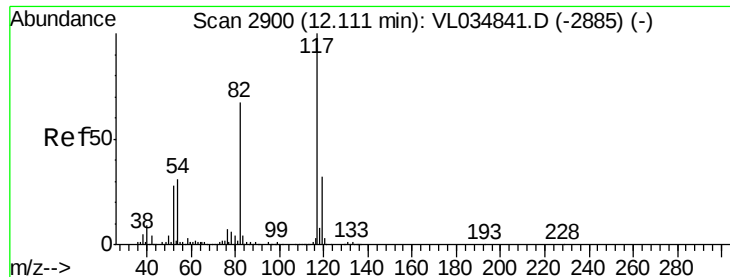
Tgt Ion: 107 Resp: 1220272

Ion Ratio Lower Upper

107 100

109 93.5 74.9 112.3





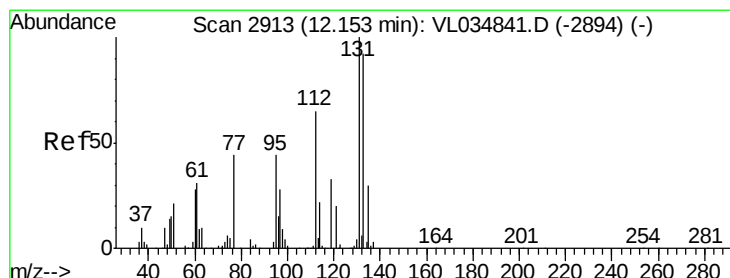
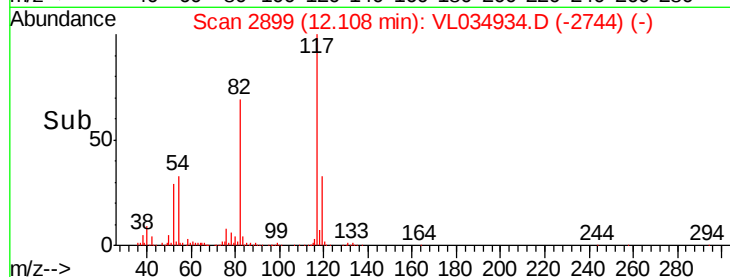
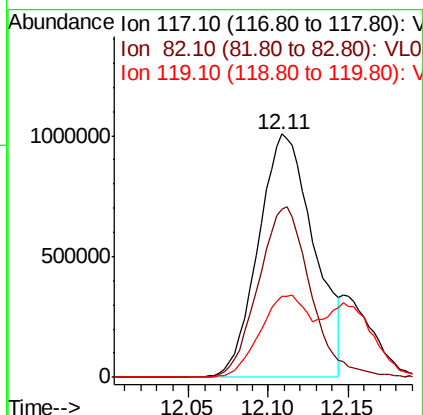
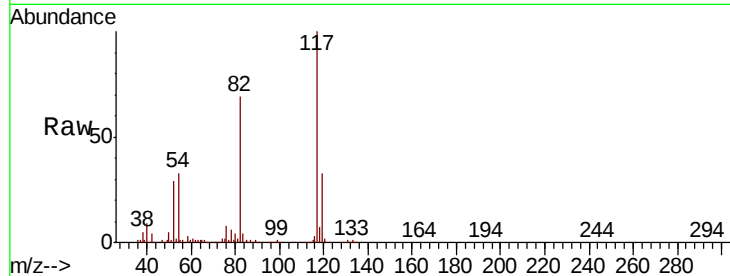
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2899
Delta R.T. -0.00 min
Lab File: VL034934.D
Acq: 23 Mar 2020 18:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion:117 Resp: 2421474
Ion Ratio Lower Upper
117 100
82 66.6 51.1 76.7
119 32.8 27.3 40.9

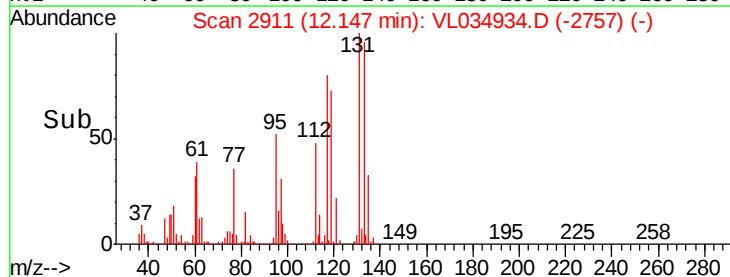
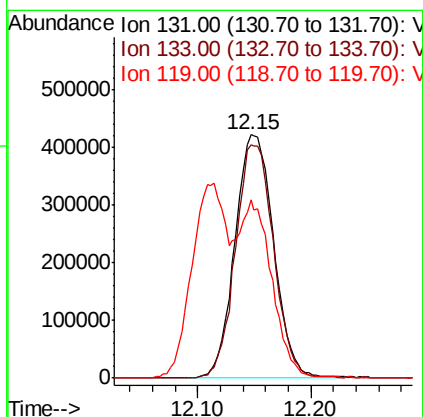
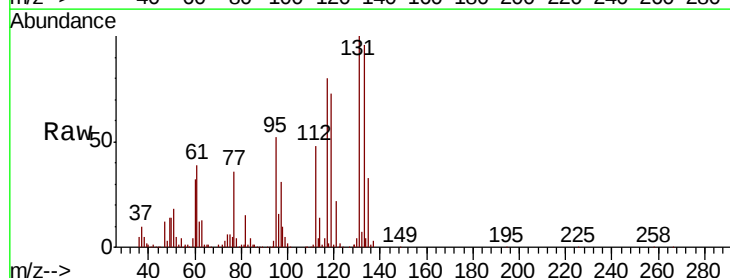
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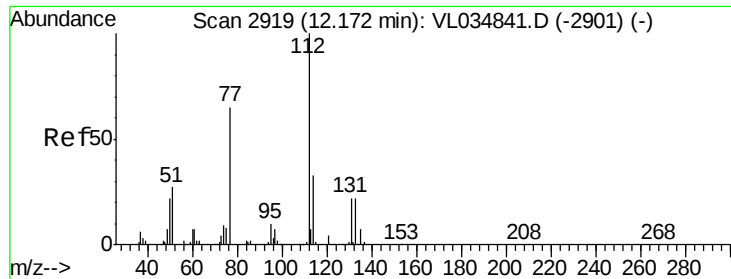
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#56
1,1,1,2-Tetrachloroethane
Concen: 9.226 ppbv
RT: 12.15 min Scan# 2911
Delta R.T. -0.01 min
Lab File: VL034934.D
Acq: 23 Mar 2020 18:00

Tgt Ion:131 Resp: 1003499
Ion Ratio Lower Upper
131 100
133 95.3 76.0 114.0
119 59.0 47.8 71.8





#57

Chlorobenzene

Concen: 9.018 ppbv

RT: 12.17 min Scan# 2919

Delta R.T. 0.00 min

Lab File: VL034934.D

Acq: 23 Mar 2020 18:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion:112 Resp: 1708620

Ion Ratio Lower Upper

112 100

77 69.2 53.0 79.6

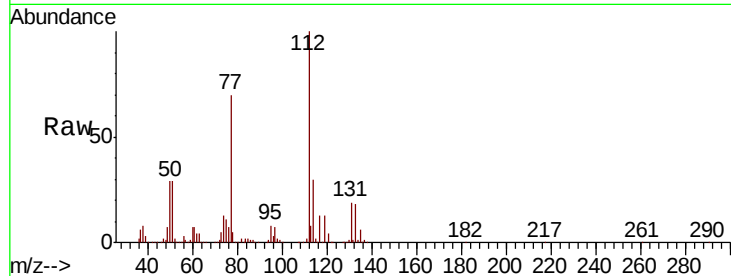
114 30.0 29.5 36.1

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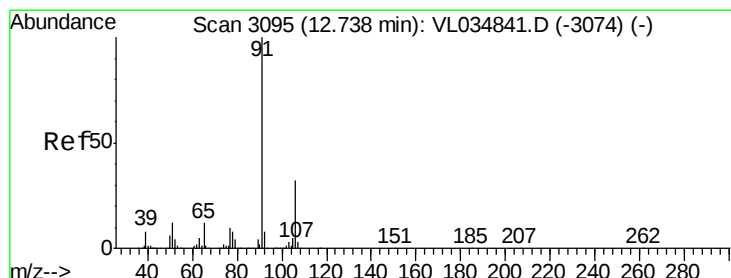
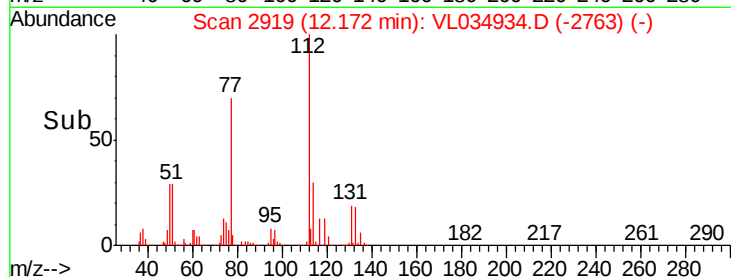
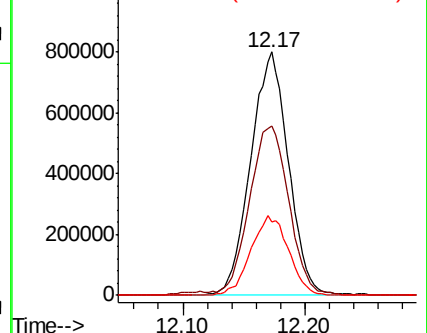
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Abundance Ion 112.10 (111.80 to 112.80): V

Ion 77.10 (76.80 to 77.80): VL0

Ion 114.10 (113.80 to 114.80): V



#58

Ethyl Benzene

Concen: 9.490 ppbv

RT: 12.73 min Scan# 3093

Delta R.T. -0.01 min

Lab File: VL034934.D

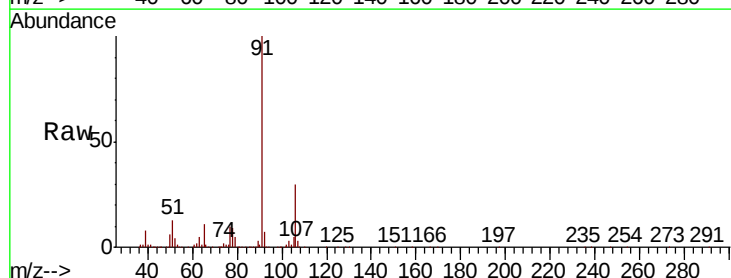
Acq: 23 Mar 2020 18:00

Tgt Ion: 91 Resp: 3112107

Ion Ratio Lower Upper

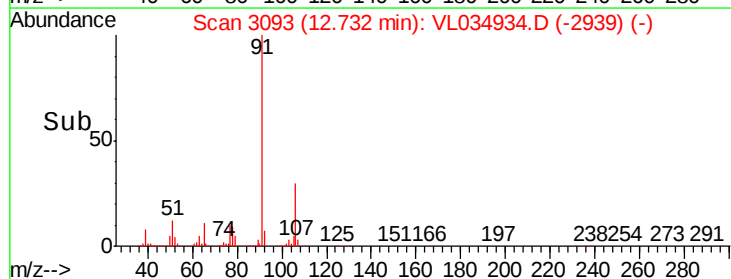
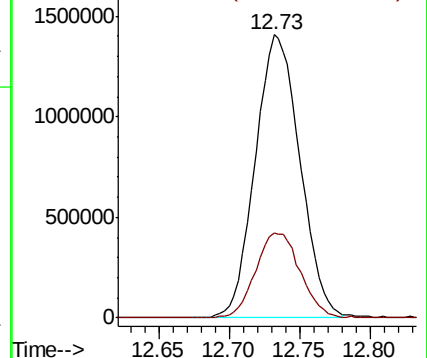
91 100

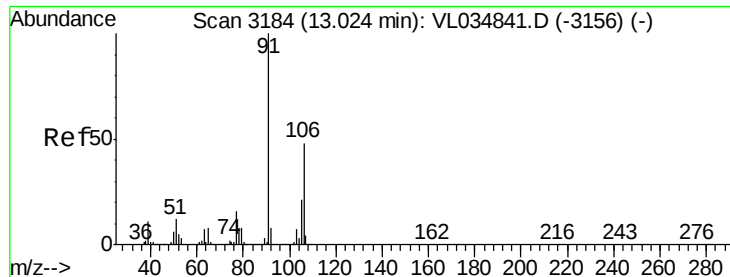
106 29.8 25.8 38.6



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V





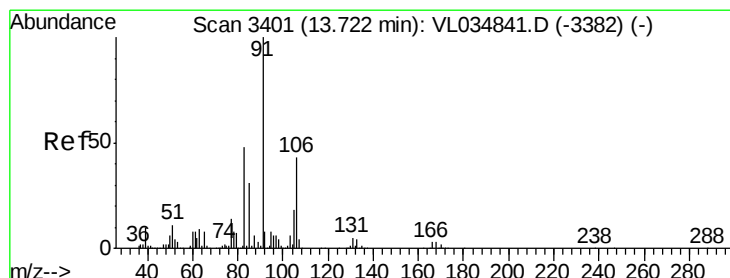
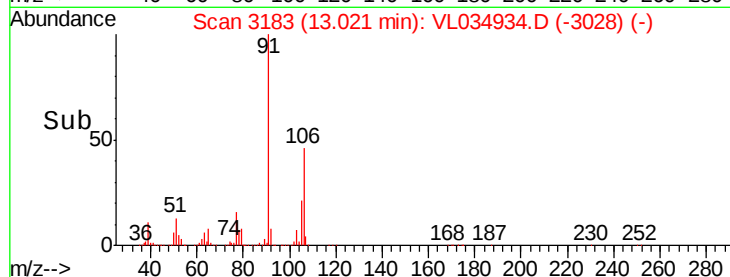
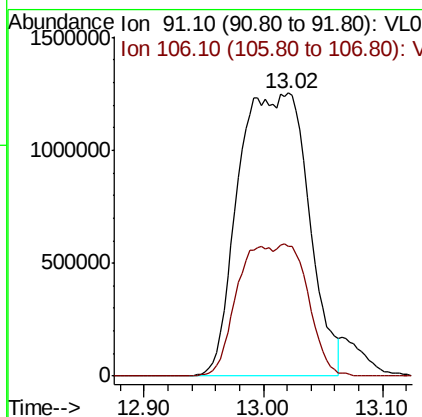
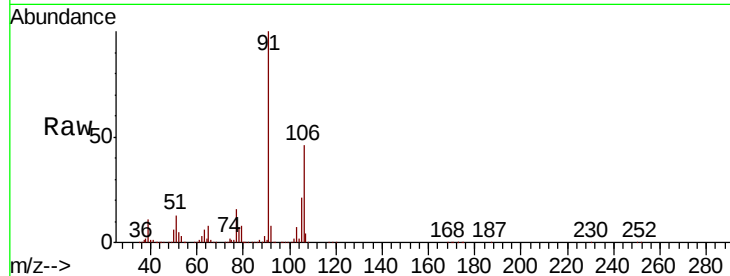
#59
m/p-Xylene
Concen: 18.712 ppbv m
RT: 13.02 min Scan# 3183
Delta R.T. -0.00 min
Lab File: VL034934.D
Acq: 23 Mar 2020 18:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion: 91 Resp: 5140721
Ion Ratio Lower Upper
91 100
106 45.7 37.1 55.7

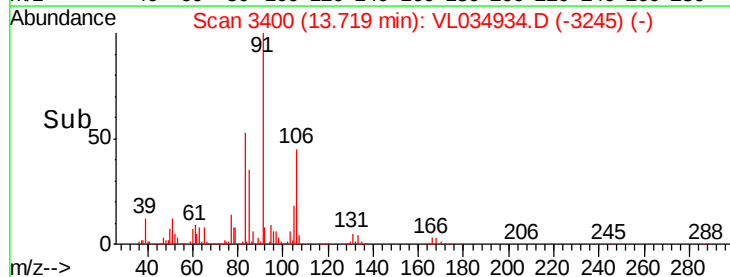
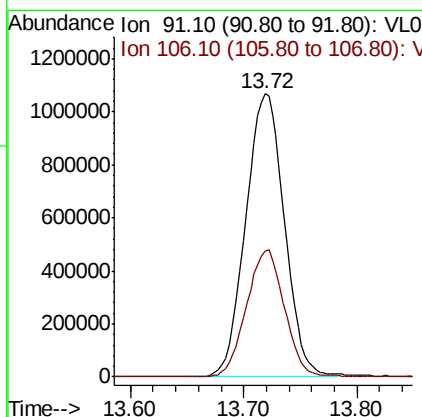
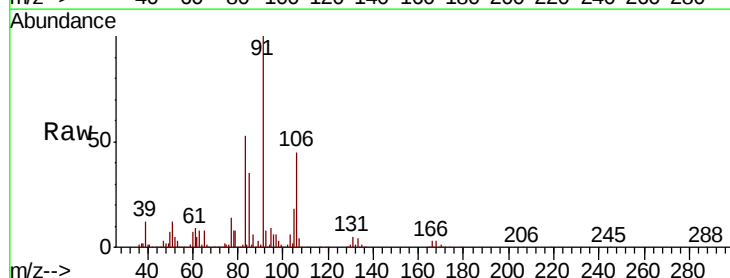
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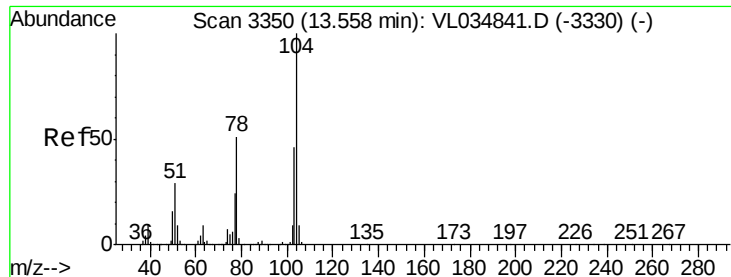
apatel
3/25/2020 11:54:28 AM



#60
o-Xylene
Concen: 9.468 ppbv
RT: 13.72 min Scan# 3400
Delta R.T. -0.00 min
Lab File: VL034934.D
Acq: 23 Mar 2020 18:00

Tgt Ion: 91 Resp: 2539777
Ion Ratio Lower Upper
91 100
106 44.0 22.5 67.5





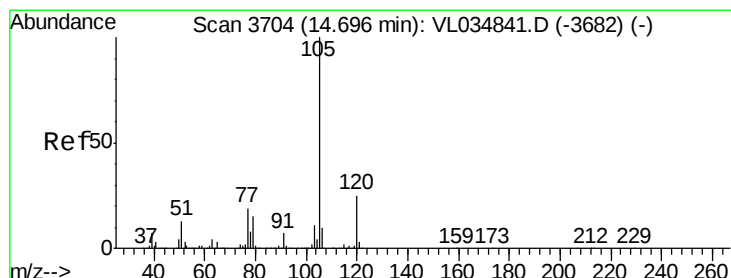
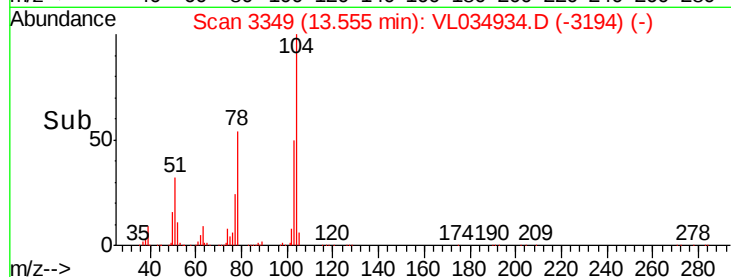
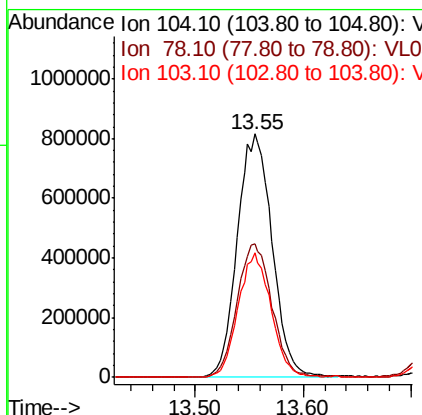
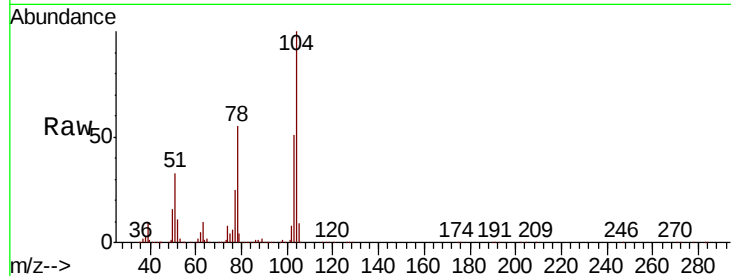
#61
Stvrene
Concen: 9.742 ppbv
RT: 13.55 min Scan# 3349
Delta R.T. -0.00 min
Lab File: VL034934.D
Acq: 23 Mar 2020 18:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion:104 Resp: 1833813
Ion Ratio Lower Upper
104 100
78 55.0 41.8 62.6
103 48.4 37.8 56.6

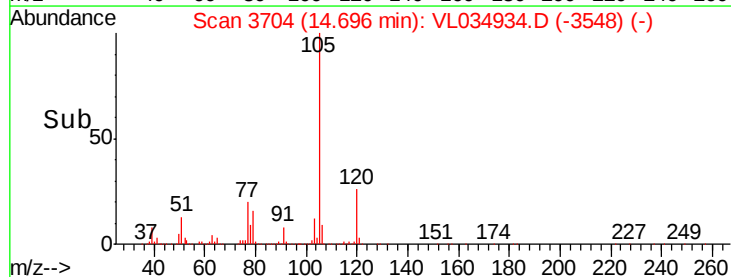
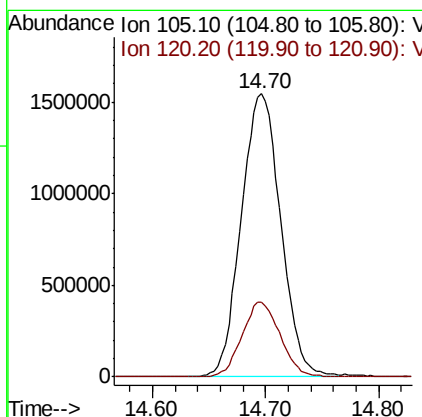
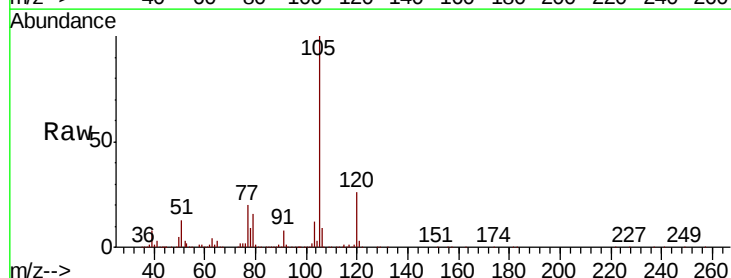
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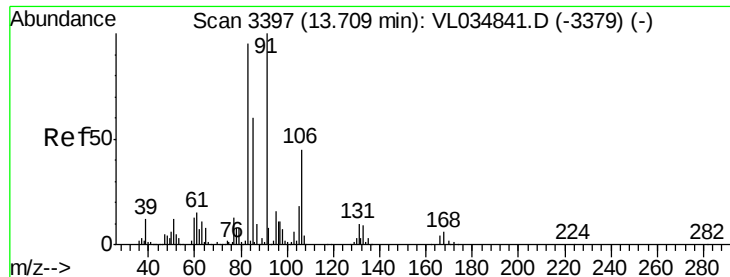
apatel
3/25/2020 11:54:28 AM



#62
Isopropylbenzene
Concen: 9.254 ppbv
RT: 14.70 min Scan# 3704
Delta R.T. 0.00 min
Lab File: VL034934.D
Acq: 23 Mar 2020 18:00

Tgt Ion:105 Resp: 3753333
Ion Ratio Lower Upper
105 100
120 25.6 21.0 31.4





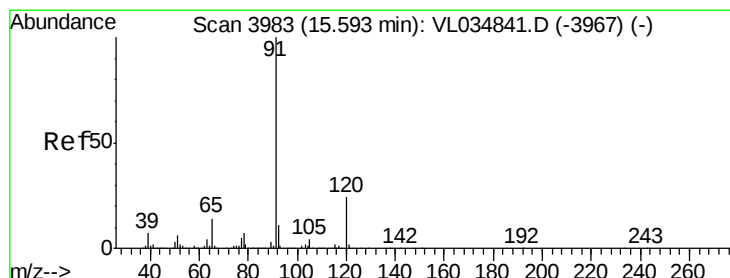
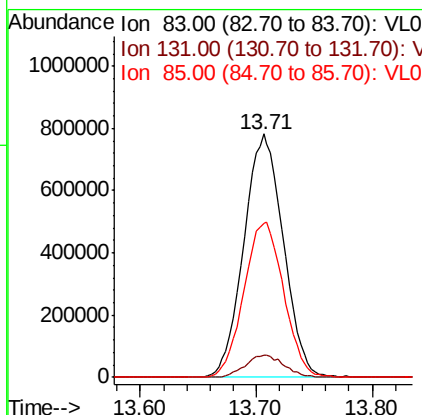
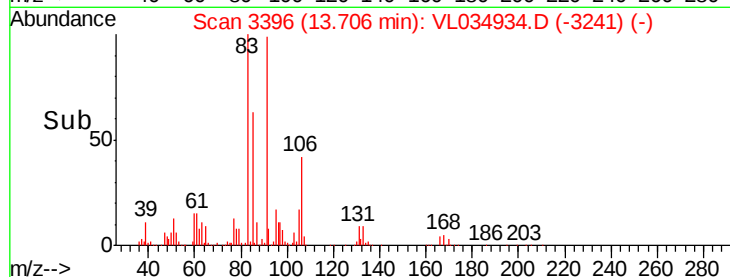
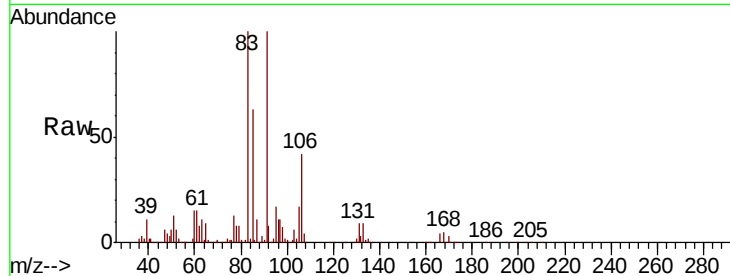
#63
 1,1,2,2-Tetrachloroethane
 Concen: 10.172 ppbv
 RT: 13.71 min Scan# 3396
 Delta R.T. -0.00 min
 Lab File: VL034934.D
 Acq: 23 Mar 2020 18:00

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tot Ion	83	Resp	1852284
Ion Ratio	Lower	Upper	
83	100		
131	9.0	5.0	14.9
85	64.3	32.4	97.2

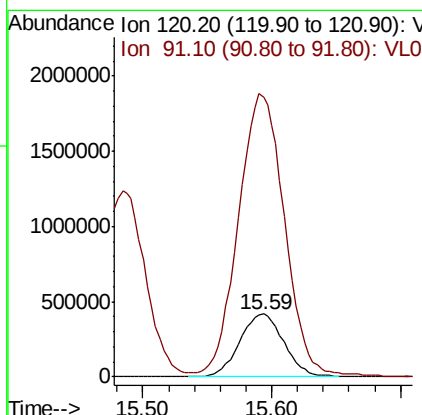
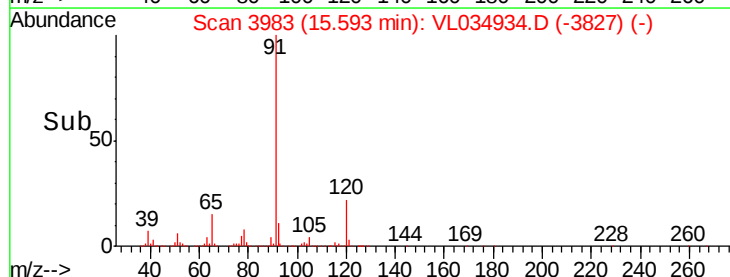
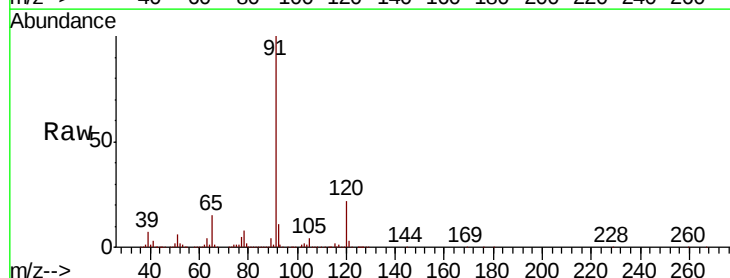
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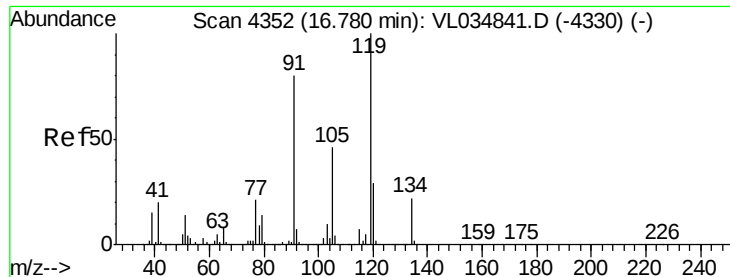
apatel
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#64
 n-propylbenzene
 Concen: 9.438 ppbv
 RT: 15.59 min Scan# 3983
 Delta R.T. 0.00 min
 Lab File: VL034934.D
 Acq: 23 Mar 2020 18:00

Tgt Ion	120	Resp	996302
Ion Ratio	Lower	Upper	
120	100		
91	471.7	360.9	541.3





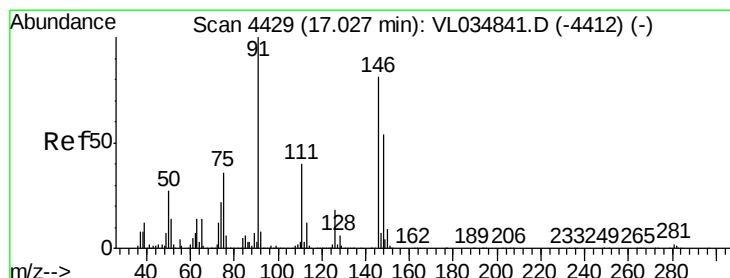
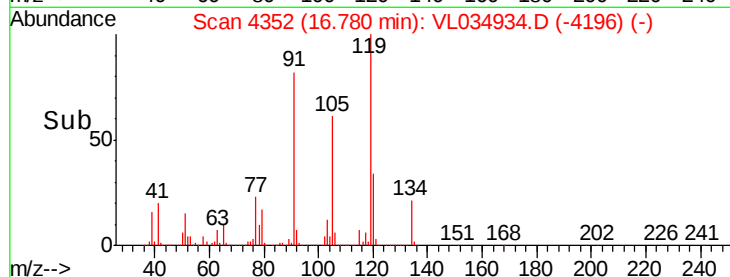
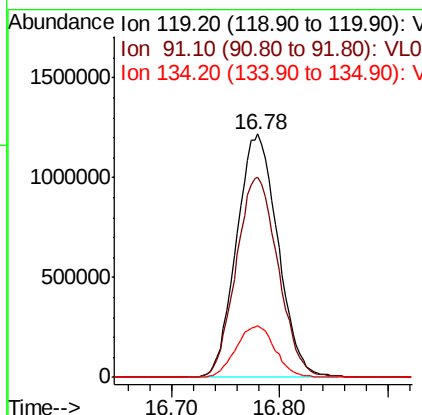
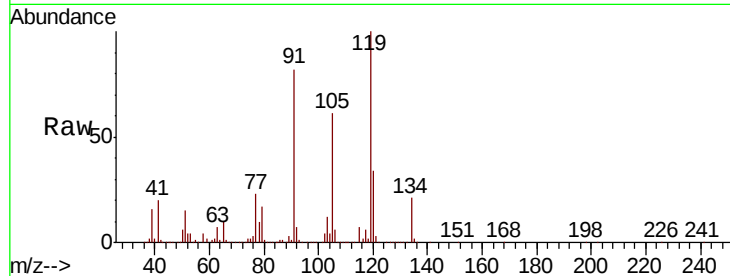
#65
tert-Butylbenzene
Concen: 9.148 ppbv
RT: 16.78 min Scan# 4352
Delta R.T. 0.00 min
Lab File: VL034934.D
Acq: 23 Mar 2020 18:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	83.9	64.9	97.3
134	20.1	15.9	23.9

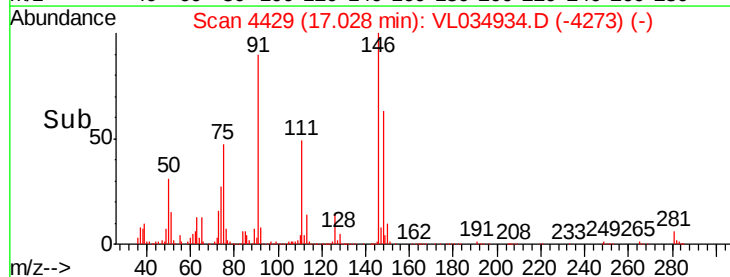
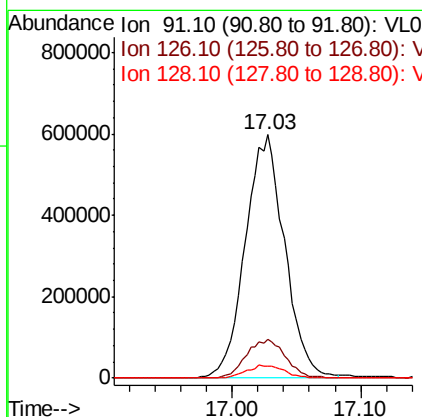
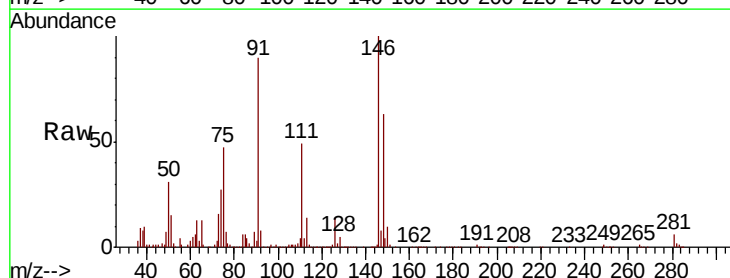
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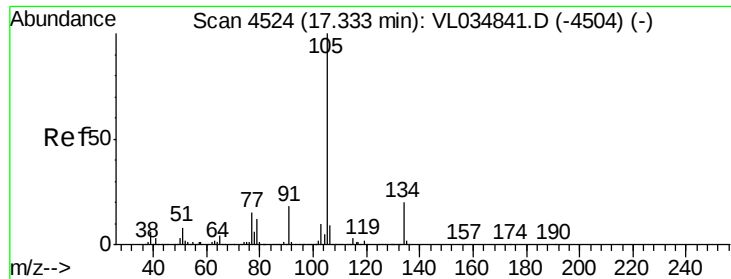
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#66
Benzyl Chloride
Concen: 8.590 ppbv
RT: 17.03 min Scan# 4429
Delta R.T. 0.00 min
Lab File: VL034934.D
Acq: 23 Mar 2020 18:00

Tgt Ion	Ratio	Lower	Upper
91	100		
126	16.0	14.7	22.1
128	5.1	4.7	7.1





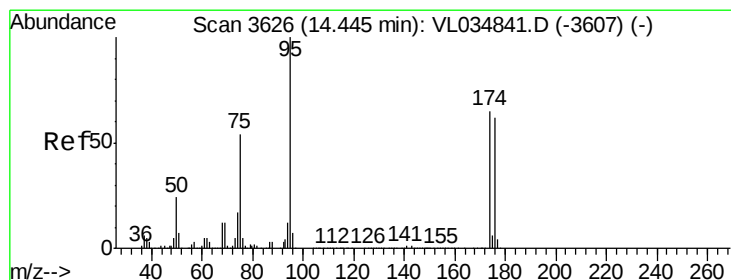
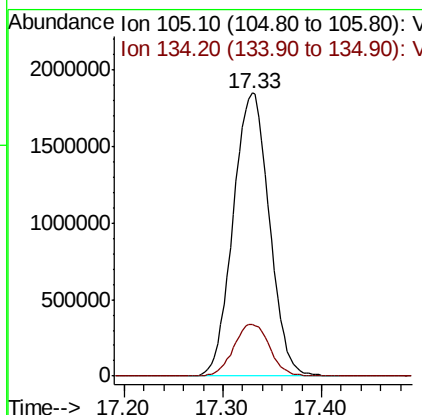
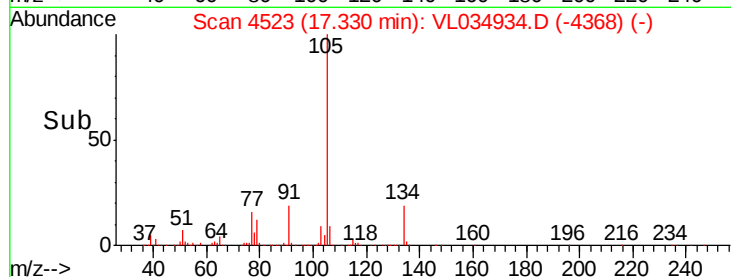
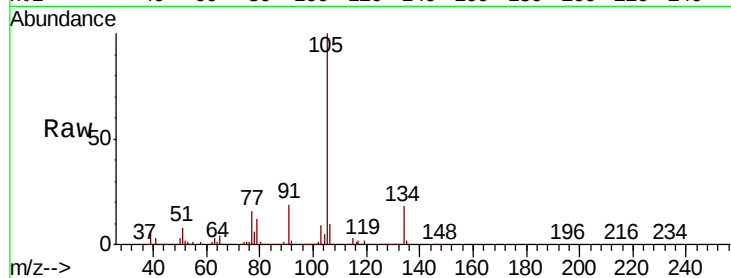
#67
 sec-Butylbenzene
 Concen: 9.574 ppbv
 RT: 17.33 min Scan# 4523
 Delta R.T. -0.00 min
 Lab File: VL034934.D
 Acq: 23 Mar 2020 18:00

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tot Ion: 105 Resp: 4707123
 Ion Ratio Lower Upper
 105 100
 134 18.3 15.0 22.6

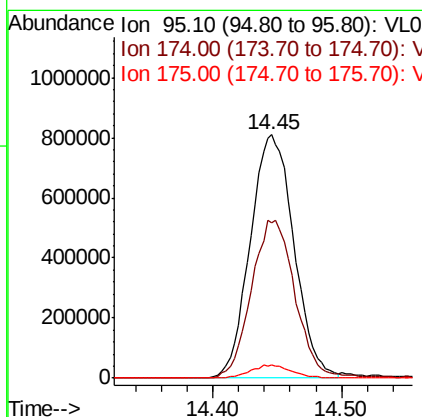
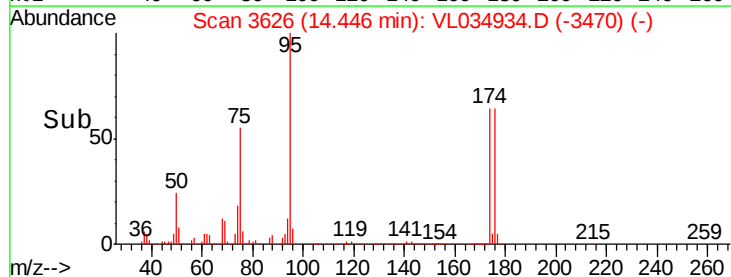
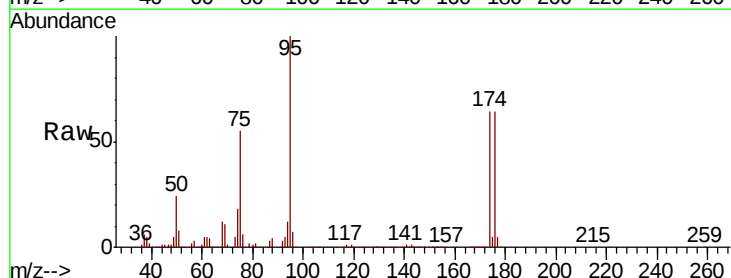
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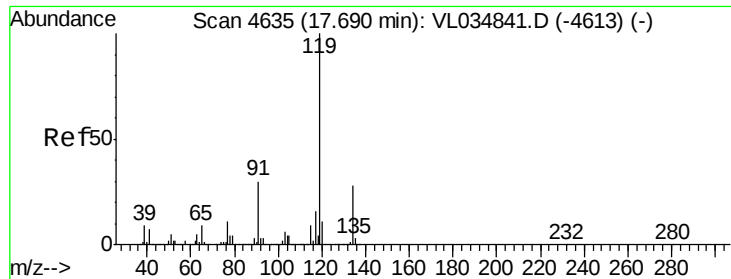
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#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.117 ppbv
 RT: 14.45 min Scan# 3626
 Delta R.T. 0.00 min
 Lab File: VL034934.D
 Acq: 23 Mar 2020 18:00

Tgt Ion: 95 Resp: 1910593
 Ion Ratio Lower Upper
 95 100
 174 65.7 55.2 82.8
 175 5.0 4.3 6.5





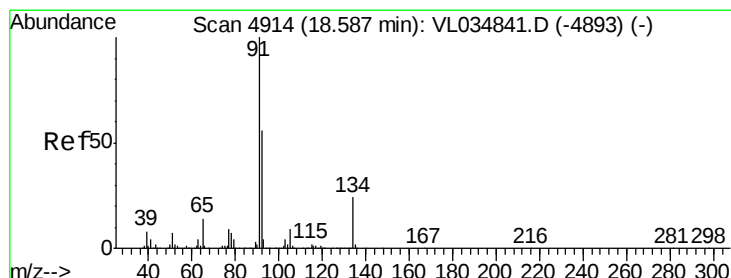
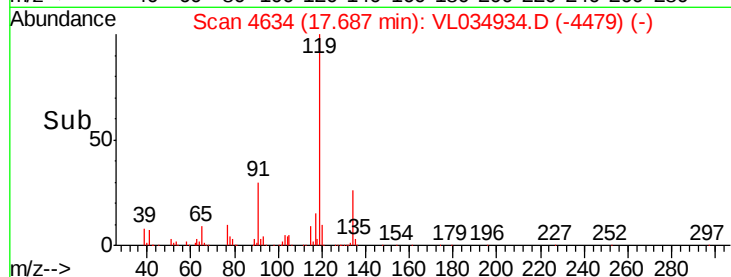
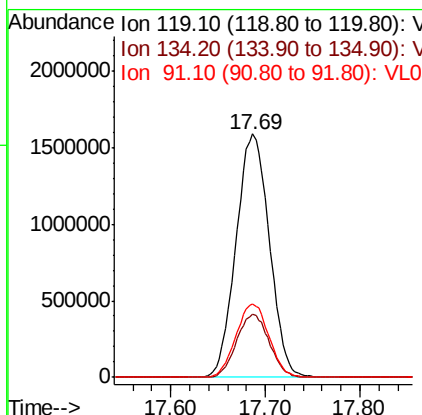
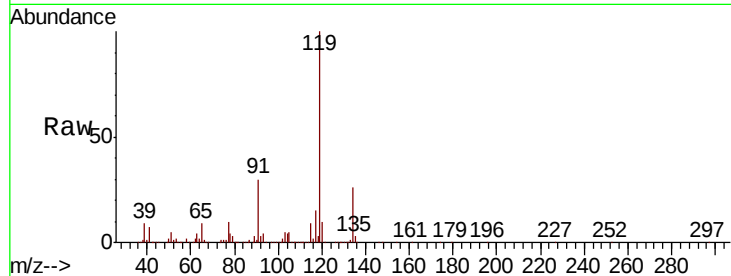
#69
 p-Isopropyltoluene
 Concen: 9.441 ppbv
 RT: 17.69 min Scan# 4634
 Delta R.T. -0.00 min
 Lab File: VL034934.D
 Acq: 23 Mar 2020 18:00

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.4	20.6	30.8
91	30.2	23.4	35.2

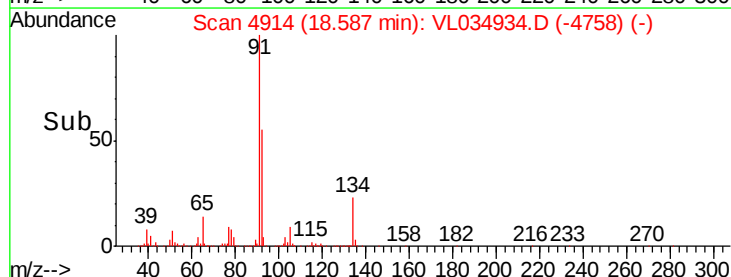
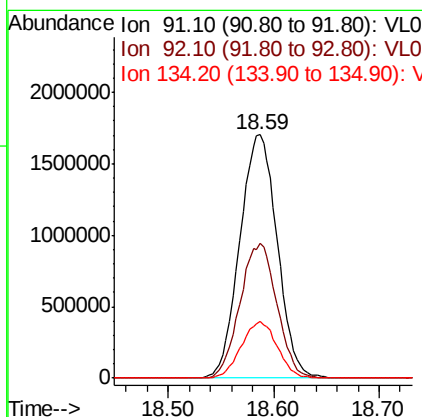
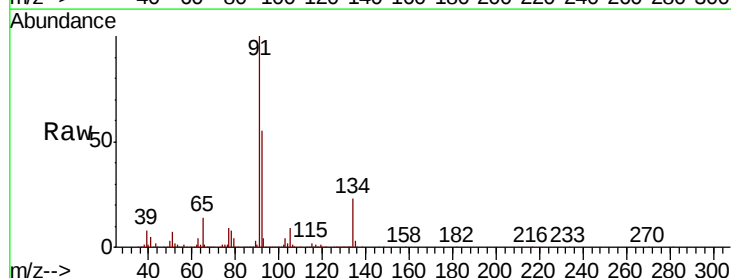
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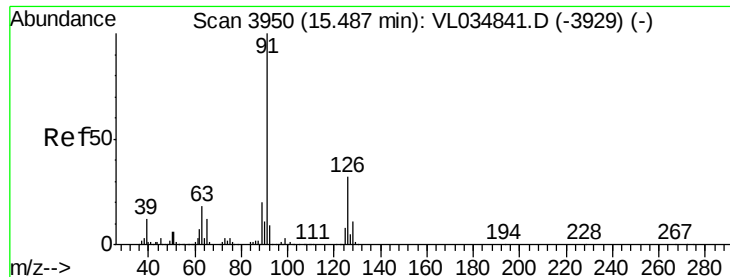
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#70
 n-Butylbenzene
 Concen: 9.992 ppbv
 RT: 18.59 min Scan# 4914
 Delta R.T. 0.00 min
 Lab File: VL034934.D
 Acq: 23 Mar 2020 18:00

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.6	43.8	65.6
134	22.4	19.0	28.4





#71

2-Chlorotoluene

Concen: 9.470 ppbv

RT: 15.48 min Scan# 3949

Delta R.T. -0.00 min

Lab File: VL034934.D

Acq: 23 Mar 2020 18:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion: 91 Resp: 2908771

Ion Ratio Lower Upper

91 100

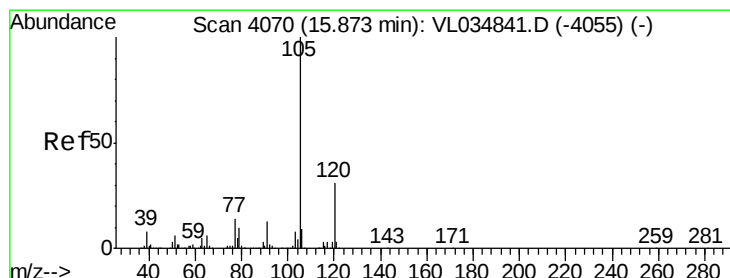
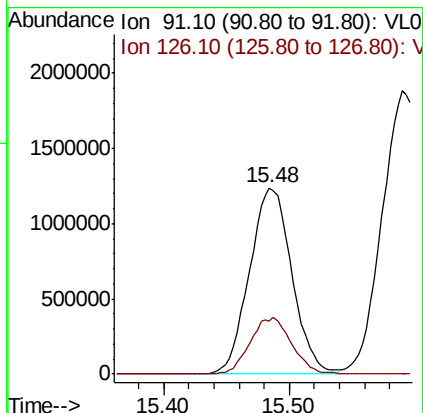
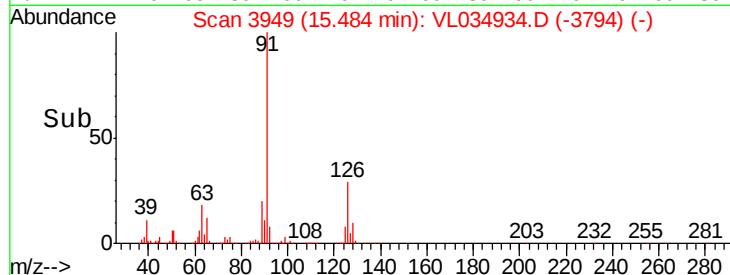
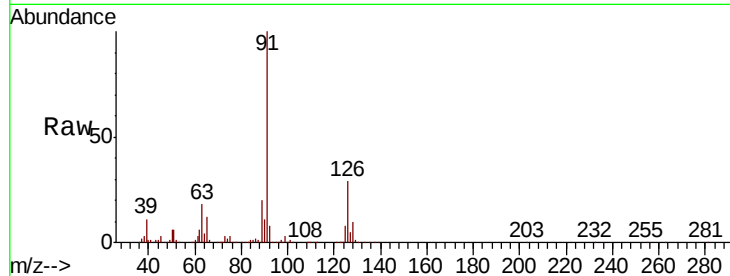
126 30.0 12.3 49.1

Manual Integrations

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#72

4-Ethyltoluene

Concen: 9.610 ppbv

RT: 15.87 min Scan# 4070

Delta R.T. 0.00 min

Lab File: VL034934.D

Acq: 23 Mar 2020 18:00

Tgt Ion:105 Resp: 3044154

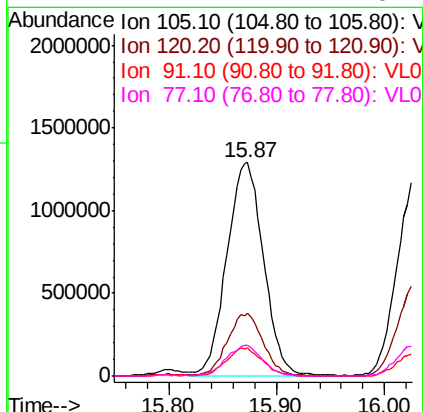
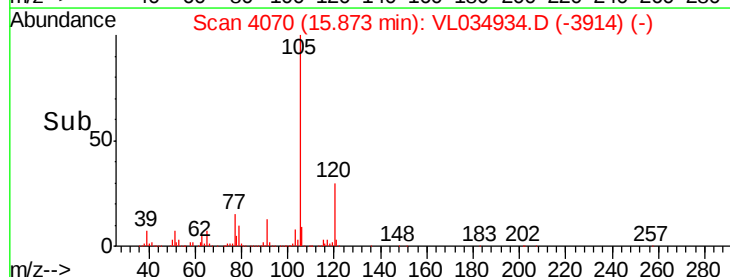
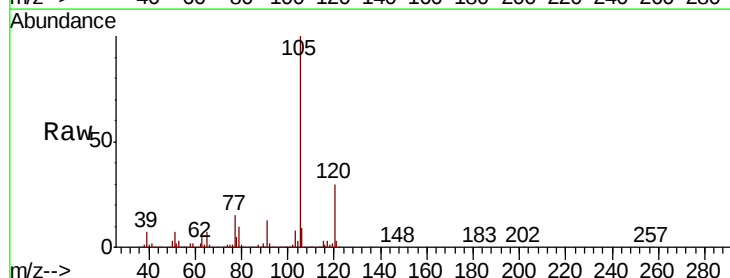
Ion Ratio Lower Upper

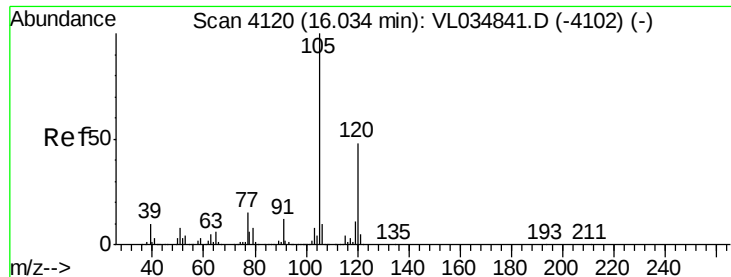
105 100

120 28.8 23.7 35.5

91 12.9 10.5 15.7

77 14.4 11.1 16.7





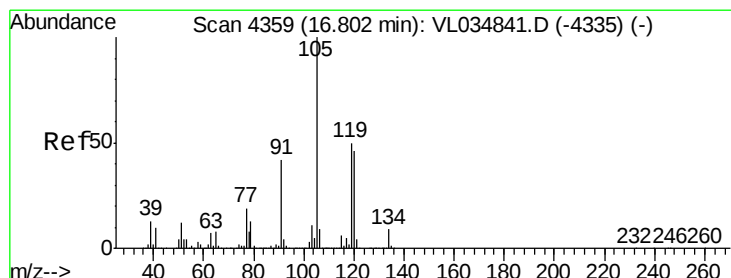
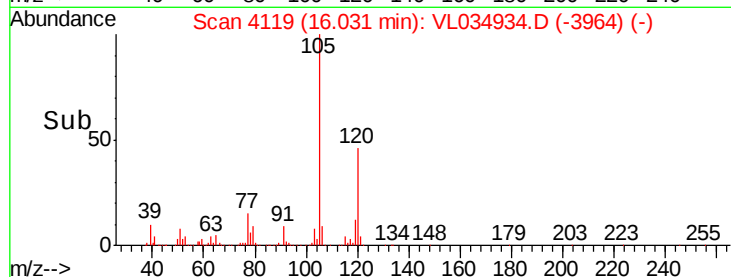
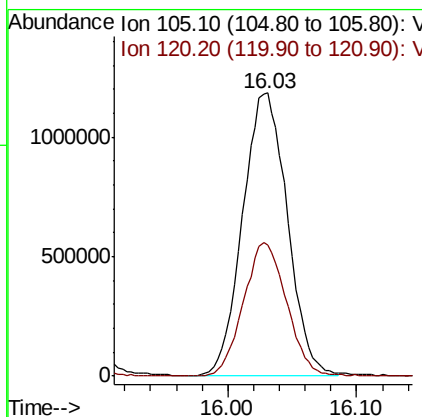
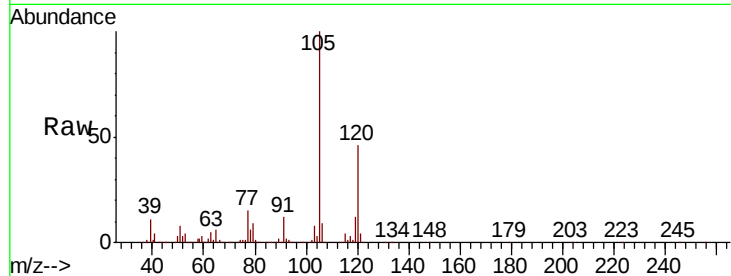
#73
 1,3,5-Trimethylbenzene
 Concen: 9.588 ppbv
 RT: 16.03 min Scan# 4119
 Delta R.T. -0.00 min
 Lab File: VL034934.D
 Acq: 23 Mar 2020 18:00

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tot Ion:105 Resp: 2843215
 Ion Ratio Lower Upper
 105 100
 120 46.3 38.6 58.0

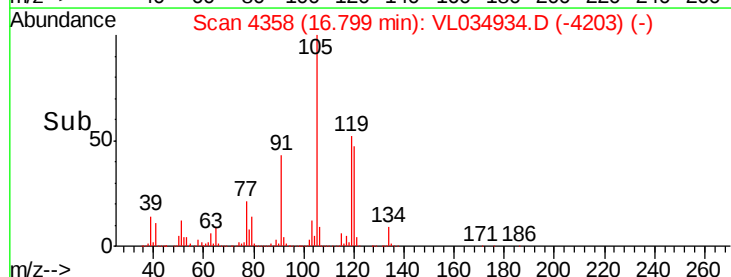
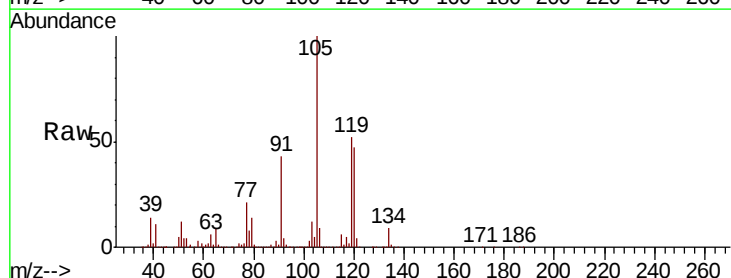
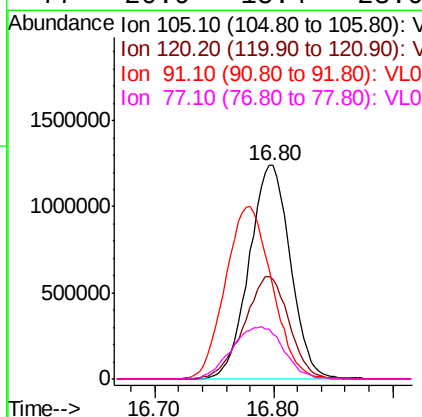
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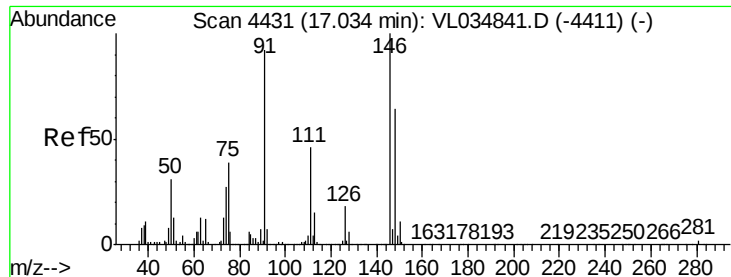
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#74
 1,2,4-Trimethylbenzene
 Concen: 9.734 ppbv
 RT: 16.80 min Scan# 4358
 Delta R.T. -0.00 min
 Lab File: VL034934.D
 Acq: 23 Mar 2020 18:00

Tgt Ion:105 Resp: 2973855
 Ion Ratio Lower Upper
 105 100
 120 46.5 37.0 55.4
 91 42.7 33.8 50.6
 77 20.9 15.4 23.0





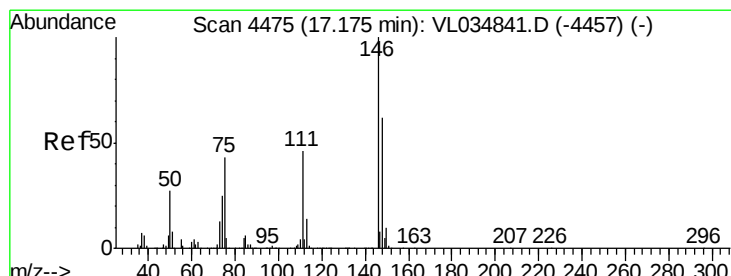
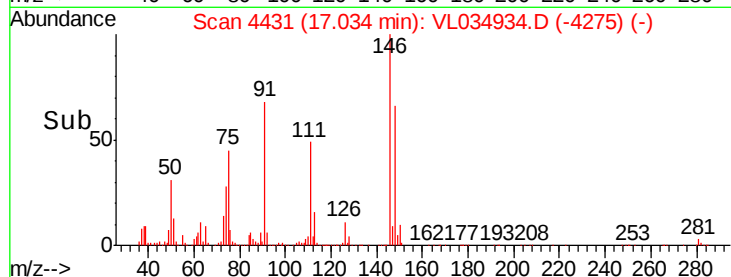
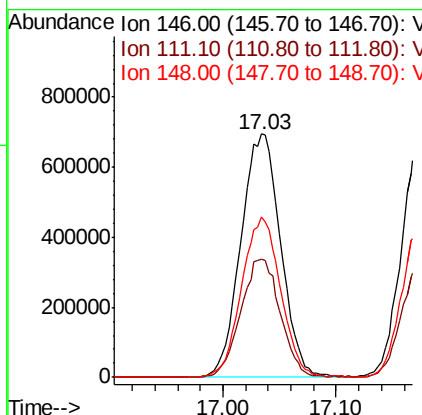
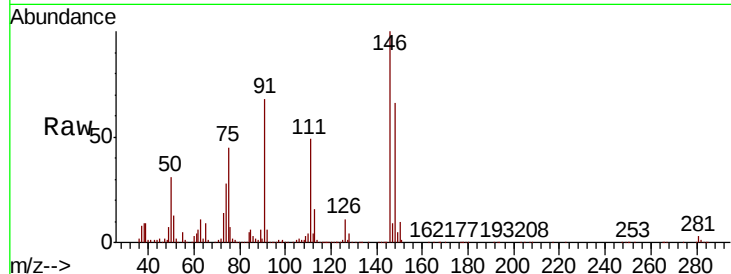
#75
 1,3-Dichlorobenzene
 Concen: 9.223 ppbv
 RT: 17.03 min Scan# 4431
 Delta R.T. 0.00 min
 Lab File: VL034934.D
 Acq: 23 Mar 2020 18:00

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	48.3	23.9	71.7
148	64.4	32.5	97.5

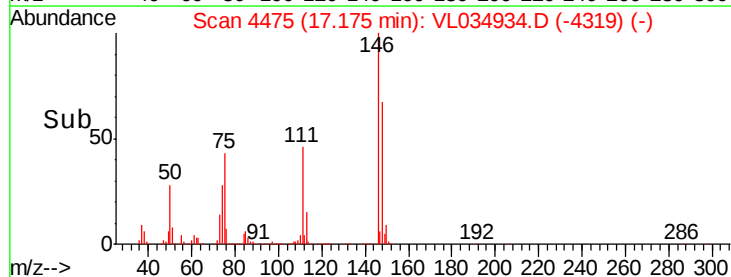
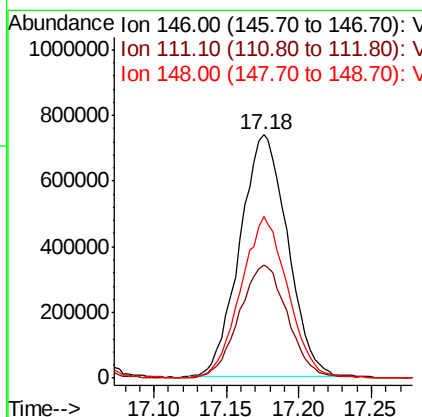
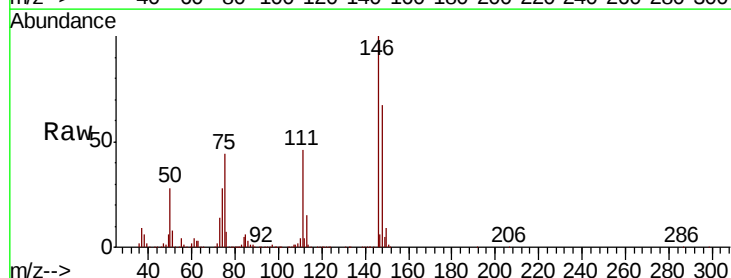
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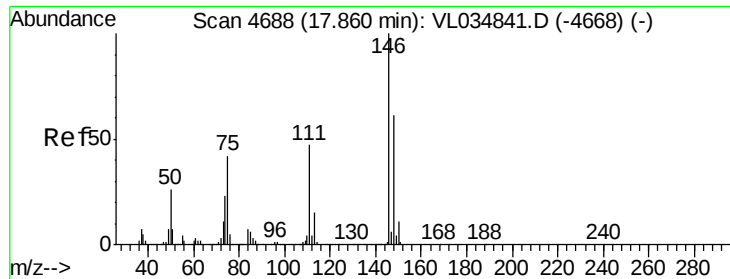
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#76
 1,4-Dichlorobenzene
 Concen: 9.127 ppbv
 RT: 17.18 min Scan# 4475
 Delta R.T. 0.00 min
 Lab File: VL034934.D
 Acq: 23 Mar 2020 18:00

Tgt Ion	Ratio	Lower	Upper
146	100		
111	48.0	23.4	70.2
148	66.3	32.3	96.9





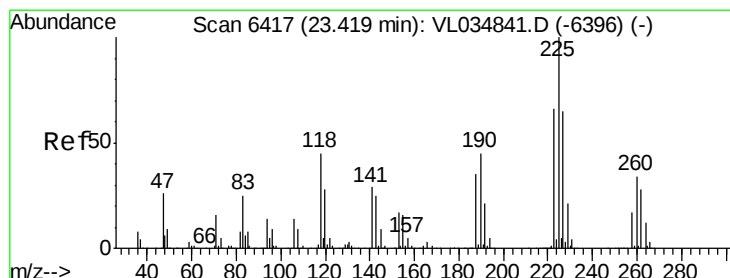
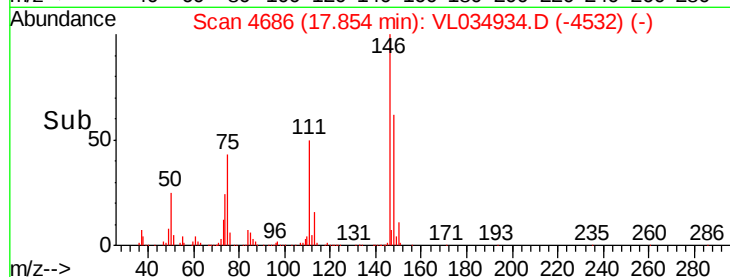
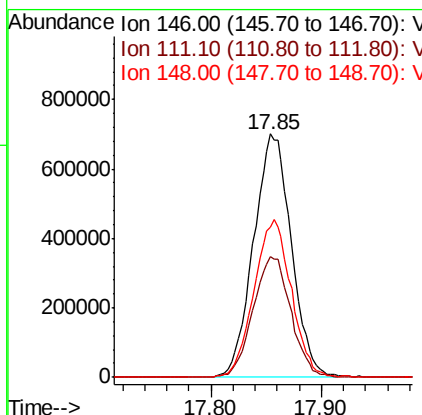
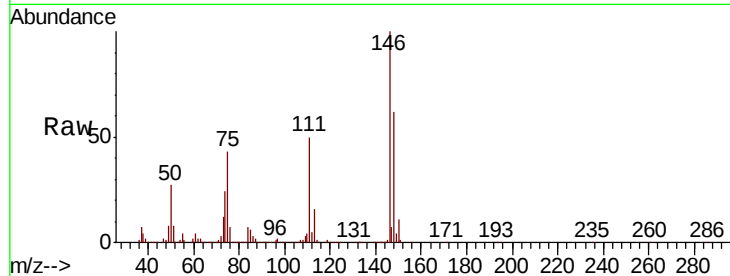
#77
 1,2-Dichlorobenzene
 Concen: 9.341 ppbv
 RT: 17.85 min Scan# 4686
 Delta R.T. -0.01 min
 Lab File: VL034934.D
 Acq: 23 Mar 2020 18:00

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tot Ion:146 Resp: 1668065
 Ion Ratio Lower Upper
 146 100
 111 49.9 23.8 71.4
 148 64.3 31.6 94.8

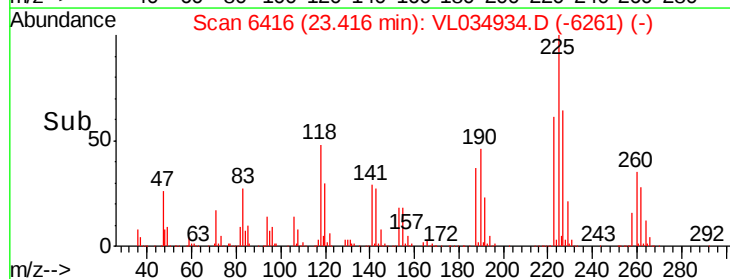
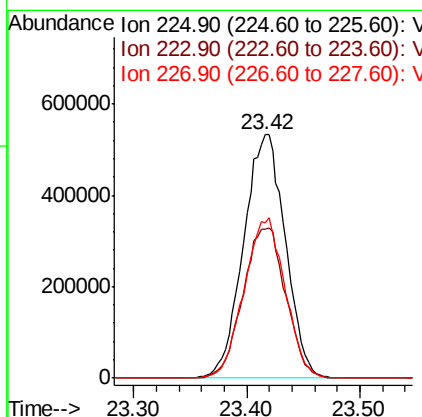
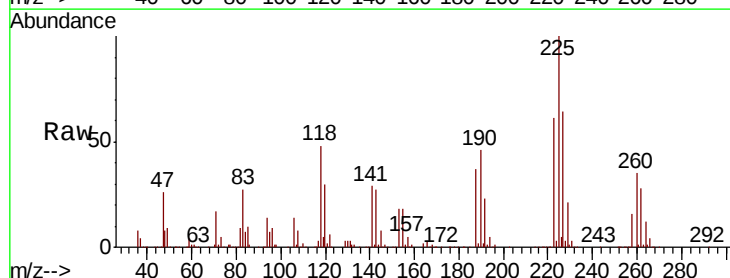
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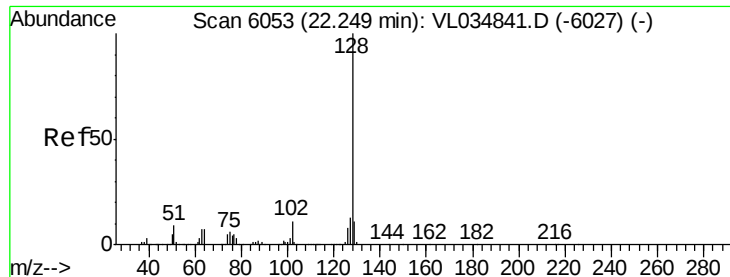
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#78
 Hexachloro-1,3-Butadiene
 Concen: 9.168 ppbv
 RT: 23.42 min Scan# 6416
 Delta R.T. -0.00 min
 Lab File: VL034934.D
 Acq: 23 Mar 2020 18:00

Tgt Ion:225 Resp: 1367331
 Ion Ratio Lower Upper
 225 100
 223 63.2 51.1 76.7
 227 64.5 51.8 77.6





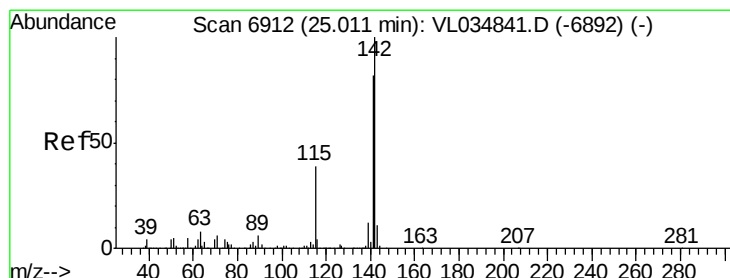
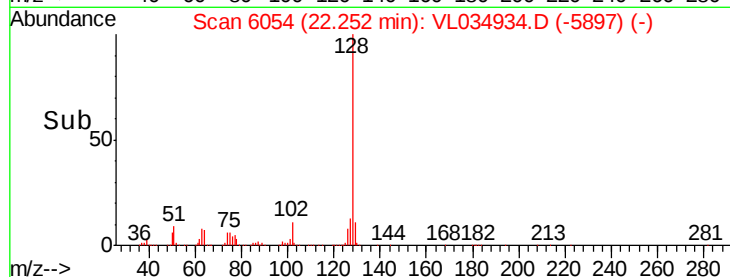
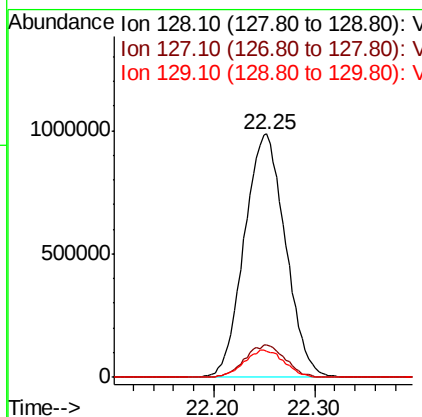
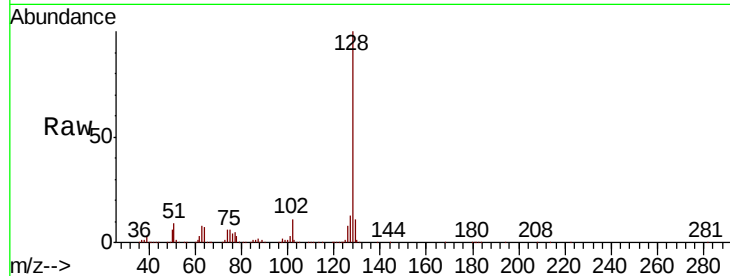
#79
Naphthalene
Concen: 11.694 ppbv
RT: 22.25 min Scan# 6054
Delta R.T. 0.00 min
Lab File: VL034934.D
Acq: 23 Mar 2020 18:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.2
129	10.6	8.6	13.0

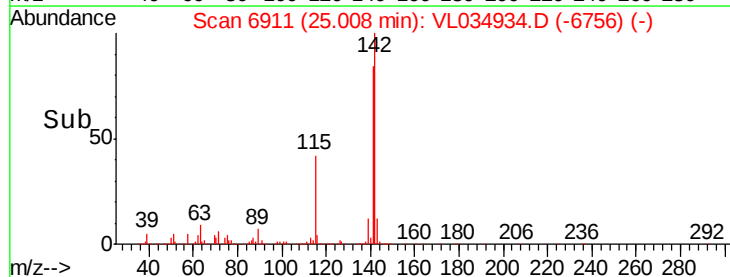
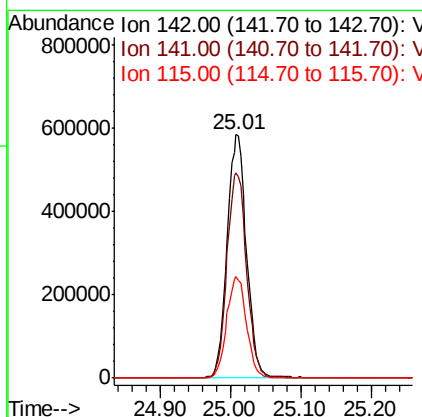
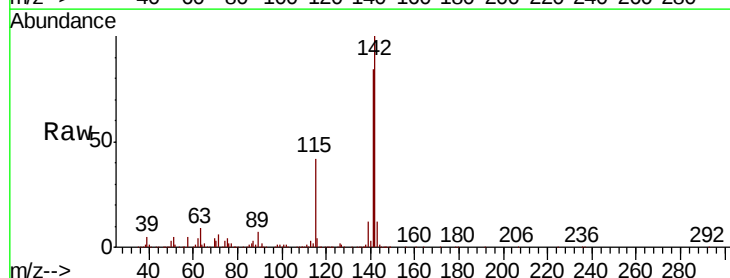
Manual Integrations
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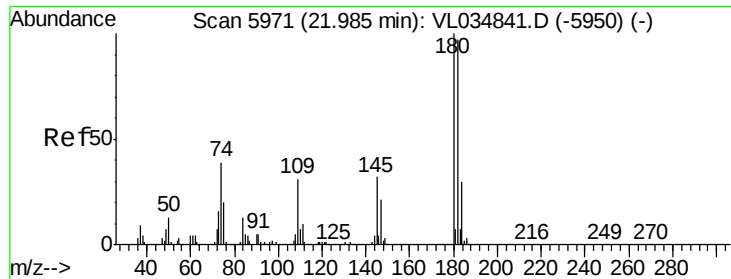
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#80
Naphthalene, 2-methyl-
Concen: 18.100 ppbv
RT: 25.01 min Scan# 6911
Delta R.T. -0.00 min
Lab File: VL034934.D
Acq: 23 Mar 2020 18:00

Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.0	68.9	103.3
115	42.4	33.2	49.8





#81
 1,2,4-Trichlorobenzene
 Concen: 10.623 ppbv m
 RT: 21.99 min Scan# 5971
 Delta R.T. 0.00 min
 Lab File: VL034934.D
 Acq: 23 Mar 2020 18:00

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	0.0	76.6	115.0#
184	0.0	25.0	37.4#

Manual Integrations
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apatel
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