

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032320\
 Data File : VL034929.D
 Acq On : 23 Mar 2020 13:57
 Operator : SY/AP
 Sample : VL0323ABS01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0323ABS01

Manual Integrations
 APPROVED

apatel
 3/25/2020 11:54:09 AM

Quant Time: Mar 24 02:25:20 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	999088	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2174768	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	2317262	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	1867248	10.33	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.30%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.01	85	874890	6.395 ppbv	99
3) Chlorodifluoromethane	2.94	51	1082444	9.699 ppbv	97
4) Chloromethane	3.10	50	637489	10.107 ppbv	96
5) Vinyl Chloride	3.21	62	609035	10.043 ppbv	93
6) Bromomethane	3.43	94	369792	10.475 ppbv	96
7) Chloroethane	3.52	64	222821	10.175 ppbv	98
8) Dichlorotetrafluoroethane	3.15	85	1376778	9.690 ppbv	94
9) Propene	2.97	41	487430	9.148 ppbv	100
10) Heptane	8.13	43	1357704	10.353 ppbv	99
11) Trichlorofluoromethane	3.92	101	1424689	9.788 ppbv	98
12) 1,1,2-Trichlorotrifluoroet	4.46	101	1011381	9.928 ppbv	93
13) Ethanol	3.57	45	111721	6.896 ppbv	98
14) Bromoethene	3.70	108	447759	10.177 ppbv	99
15) Acetone	3.82	43	1163080	8.982 ppbv	99
16) 1,3-Butadiene	3.29	39	568160	9.703 ppbv	99
17) tert-Butyl alcohol	4.26	59	854319	6.848 ppbv	99
18) 1,1-Dichloroethene	4.26	96	459584	10.188 ppbv	93
19) Isopropyl Alcohol	3.94	45	625298	7.647 ppbv	# 42
20) Methylene Chloride	4.31	84	419900	10.256 ppbv	98
21) Allyl Chloride	4.38	41	797373	9.588 ppbv	99
22) trans-1,2-Dichloroethene	4.86	96	456542	9.975 ppbv	99
23) Vinyl Acetate	5.05	43	1794560	9.382 ppbv	99
24) 1,1-Dichloroethane	4.99	63	1260114	9.827 ppbv	99
25) Ethyl Acetate	5.66	43	2195208	9.515 ppbv	99
26) Hexane	5.67	57	1002491	10.091 ppbv	96
27) Carbon Disulfide	4.52	76	1207335	10.710 ppbv	98
28) Methyl tert-Butyl Ether	5.01	73	1462622	8.849 ppbv	99
29) Chloroform	5.74	83	1511607	9.973 ppbv	98
30) Cyclohexane	7.13	84	828798	9.999 ppbv	99
31) cis-1,2-Dichloroethene	5.54	61	987768	9.723 ppbv	100
32) 1,1,1-Trichloroethane	6.50	97	1455320	9.854 ppbv	98
34) 2-Butanone	5.22	43	1467388	10.153 ppbv	100
35) Carbon Tetrachloride	7.02	117	1506704	11.139 ppbv	98
36) Benzene	6.89	78	1976267	10.195 ppbv	98
37) 1,2-Dichloroethane	6.30	62	1177706	10.775 ppbv	98
38) Trichloroethene	7.84	130	736018	9.997 ppbv	93
39) 1,2-Dichloropropane	7.62	63	785736	10.231 ppbv	96
40) 1,4-Dioxane	7.83	88	251301	8.664 ppbv	# 87
41) Tetrahydrofuran	6.04	42	826930	10.574 ppbv	100
42) Bromodichloromethane	7.80	83	1620465	10.878 ppbv	99
43) Methyl Methacrylate	8.02	69	893082	10.936 ppbv	97

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Manual Integrations
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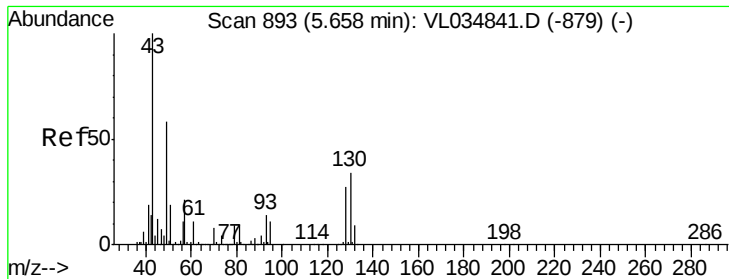
apatel
 3/25/2020 11:54:09 AM

Quant Time: Mar 24 02:25:20 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)

44) 2,2,4-Trimethylpentane	7.87	57	3438235	10.496	ppbv	99
45) t-1,3-Dichloropropene	9.29	75	996764	10.389	ppbv	100
46) cis-1,3-Dichloropropene	8.71	75	1183201	10.378	ppbv	96
47) 1,1,2-Trichloroethane	9.49	97	824003	10.454	ppbv	96
48) Dibromochloromethane	10.32	129	1356441	10.627	ppbv	99
49) Bromoform	13.07	173	1217291	10.696	ppbv	100
50) 4-Methyl-2-Pentanone	8.74	43	2233988	10.738	ppbv	99
51) 2-Hexanone	10.15	43	1834872	10.852	ppbv #	100
52) Tetrachloroethene	11.24	164	697266	9.092	ppbv	97
53) Toluene	9.82	91	2308336	10.312	ppbv	99
54) 1,2-Dibromoethane	10.63	107	1238544	10.439	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.15	131	1024190	9.839	ppbv	97
57) Chlorobenzene	12.17	112	1746145	9.631	ppbv	98
58) Ethyl Benzene	12.73	91	3146179	10.026	ppbv	97
59) m/p-Xylene	13.02	91	5111938m	19.444	ppbv	
60) o-Xylene	13.72	91	2571610	10.018	ppbv	99
61) Styrene	13.55	104	1859840	10.324	ppbv	98
62) Isopropylbenzene	14.69	105	3791389	9.768	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.71	83	1856695	10.654	ppbv	99
64) n-propylbenzene	15.59	120	983980	9.740	ppbv	89
65) tert-Butylbenzene	16.78	119	3273653	9.648	ppbv	97
66) Benzyl Chloride	17.02	91	1310121	9.260	ppbv	96
67) sec-Butylbenzene	17.33	105	4742553	10.080	ppbv	99
69) p-Isopropyltoluene	17.69	119	3945582	10.001	ppbv	98
70) n-Butylbenzene	18.58	91	4228505	10.505	ppbv	99
71) 2-Chlorotoluene	15.48	91	2934483	9.983	ppbv	99
72) 4-Ethyltoluene	15.87	105	3051518	10.066	ppbv	99
73) 1,3,5-Trimethylbenzene	16.02	105	2902664	10.228	ppbv	96
74) 1,2,4-Trimethylbenzene	16.80	105	2951286	10.094	ppbv	95
75) 1,3-Dichlorobenzene	17.03	146	1728781	9.807	ppbv	99
76) 1,4-Dichlorobenzene	17.17	146	1719017	9.772	ppbv	99
77) 1,2-Dichlorobenzene	17.86	146	1666194	9.751	ppbv	97
78) Hexachloro-1,3-Butadiene	23.42	225	1375335	9.636	ppbv	99
79) Naphthalene	22.25	128	2813300	12.339	ppbv	98
80) Naphthalene, 2-methyl-	25.01	142	1109535	18.621	ppbv	98
81) 1,2,4-Trichlorobenzene	21.98	180	1609789	11.113	ppbv	100

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 892

Delta R.T. -0.00 min

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MSVOA_L

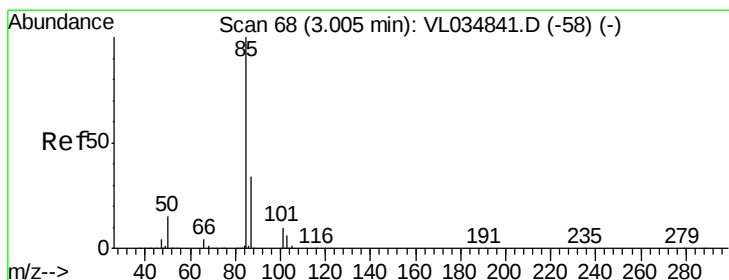
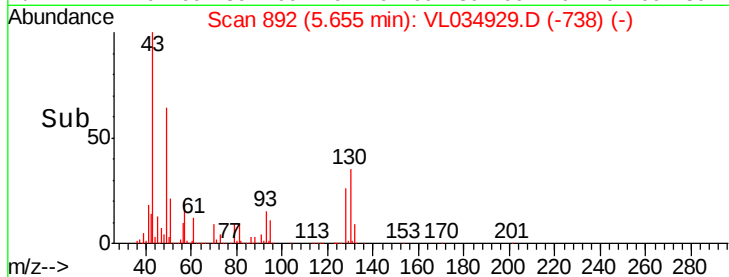
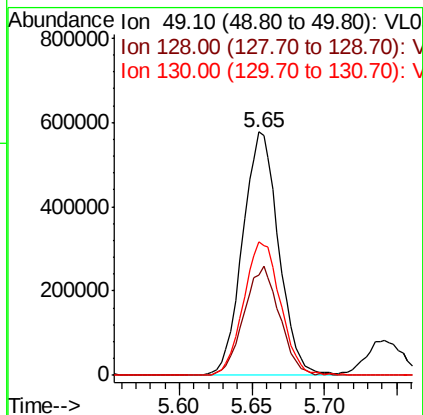
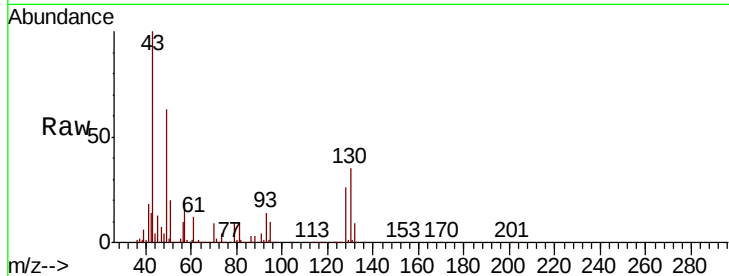
ClientSampleId :

VL0323ABS01

Tot Ion:	49	Resp:	999088
Ion	Ratio	Lower	Upper
49	100		
128	44.4	23.4	70.3
130	56.4	30.0	90.0

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#2

Dichlorodifluoromethane

Concen: 6.395 ppbv

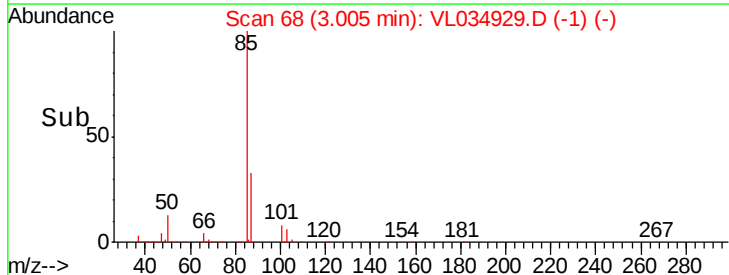
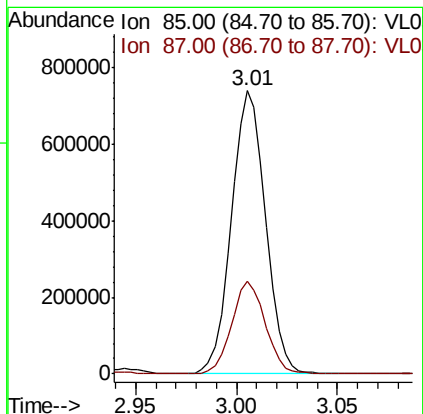
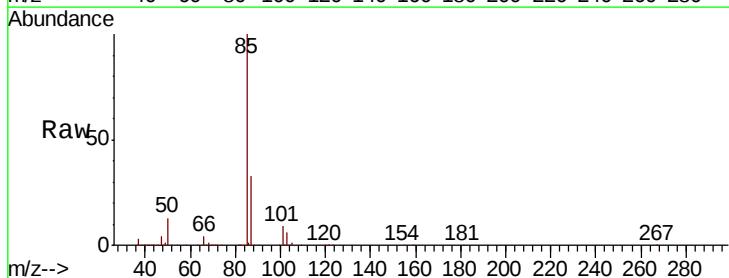
RT: 3.01 min Scan# 68

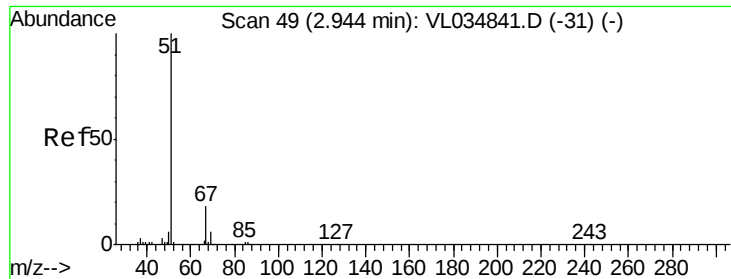
Delta R.T. -0.00 min

Lab File: VL034929.D

Acq: 23 Mar 2020 13:57

Tgt Ion:	85	Resp:	874890
Ion	Ratio	Lower	Upper
85	100		
87	33.0	26.9	40.3





#3

Chlorodifluoromethane

Concen: 9.699 ppbv

RT: 2.94 min Scan# 49

Delta R.T. -0.00 min

Lab File: VL034929.D

Acq: 23 Mar 2020 13:57

Instrument :

MSVOA_L

ClientSampleId :

VL0323ABS01

Tot Ion: 51 Resp: 1082444

Ion Ratio Lower Upper

51 100

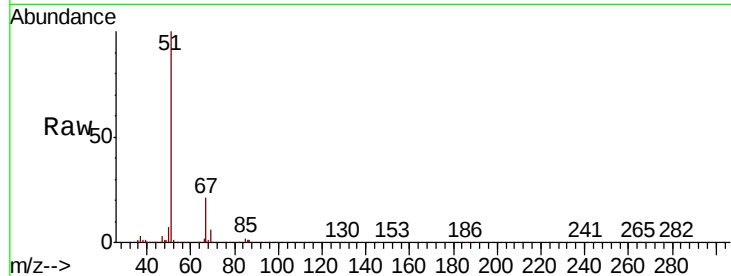
67 19.1 14.3 21.5

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Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0

2.94

800000

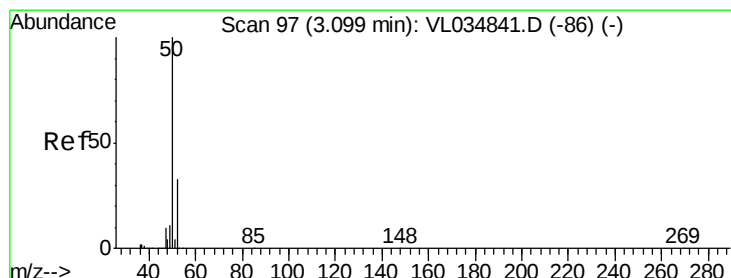
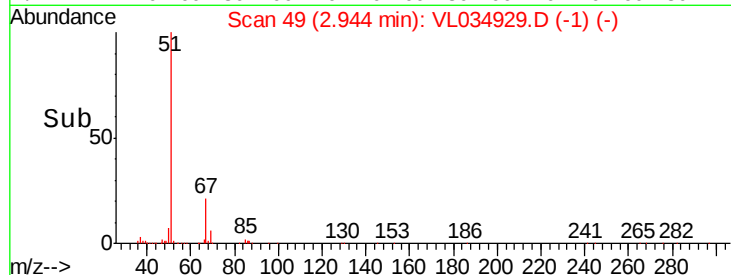
600000

400000

200000

0

Time-->



#4

Chloromethane

Concen: 10.107 ppbv

RT: 3.10 min Scan# 97

Delta R.T. -0.00 min

Lab File: VL034929.D

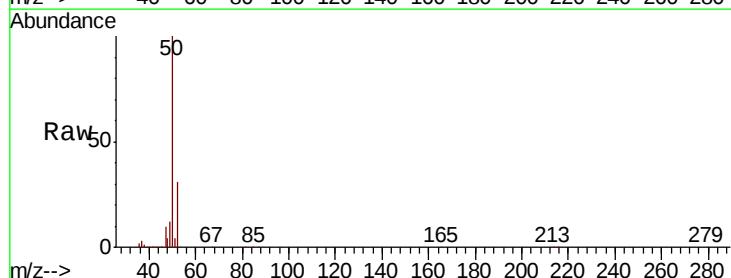
Acq: 23 Mar 2020 13:57

Tgt Ion: 50 Resp: 637489

Ion Ratio Lower Upper

50 100

52 31.1 26.8 40.2



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0

3.10

500000

400000

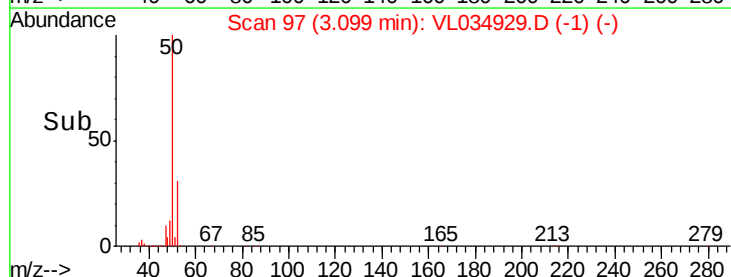
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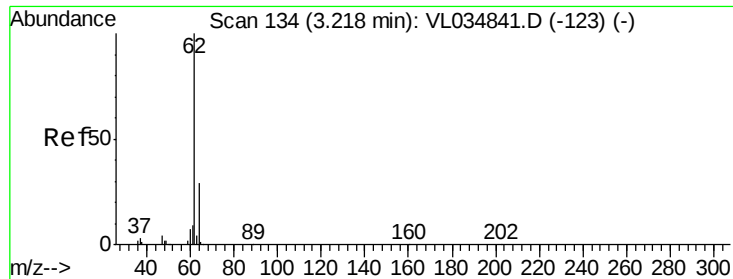
200000

100000

0

Time-->





#5

Vinyl Chloride

Concen: 10.043 ppbv

RT: 3.21 min Scan# 133

Delta R.T. -0.00 min

Lab File: VL034929.D

Acq: 23 Mar 2020 13:57

Instrument :

MSVOA_L

ClientSampleID :

VL0323ABS01

Tot Ion: 62 Resp: 609035

Ion Ratio Lower Upper

62 100

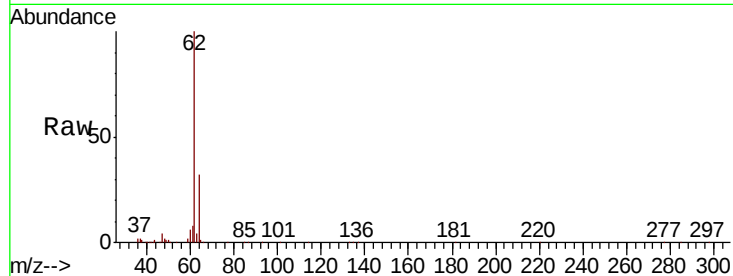
64 32.3 23.0 34.4

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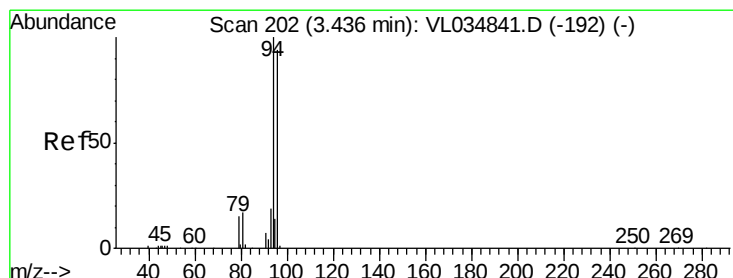
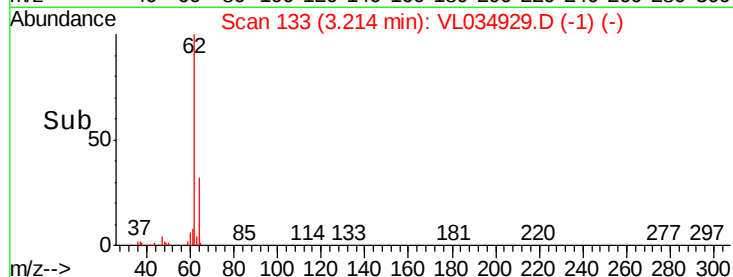
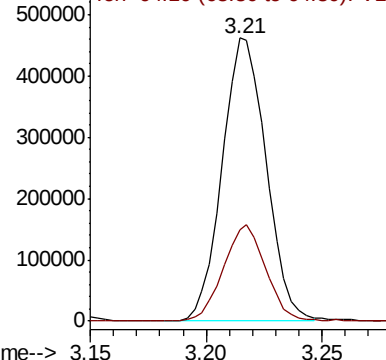
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Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0



#6

Bromomethane

Concen: 10.475 ppbv

RT: 3.43 min Scan# 201

Delta R.T. -0.00 min

Lab File: VL034929.D

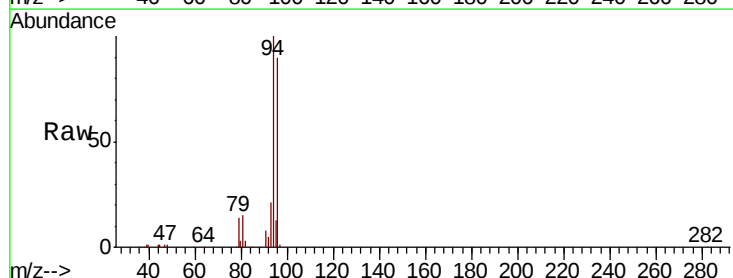
Acq: 23 Mar 2020 13:57

Tgt Ion: 94 Resp: 369792

Ion Ratio Lower Upper

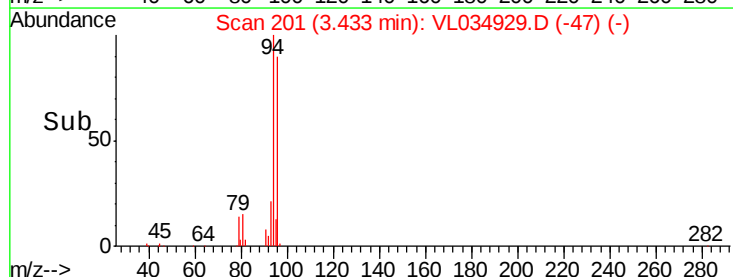
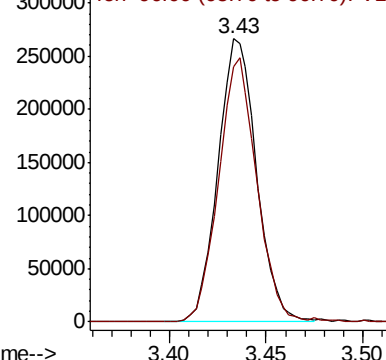
94 100

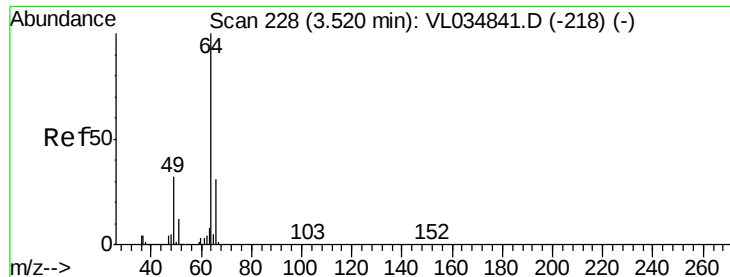
96 90.1 75.5 113.3



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0





#7

Chloroethane

Concen: 10.175 ppbv

RT: 3.52 min Scan# 228

Delta R.T. -0.00 min

Lab File: VL034929.D

Acq: 23 Mar 2020 13:57

Instrument :

MSVOA_L

ClientSampleId :

VL0323ABS01

Tot Ion: 64 Resp: 222821

Ion Ratio Lower Upper

64 100

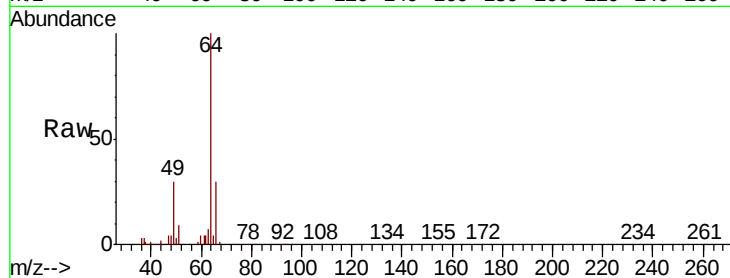
66 30.1 24.8 37.2

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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

200000

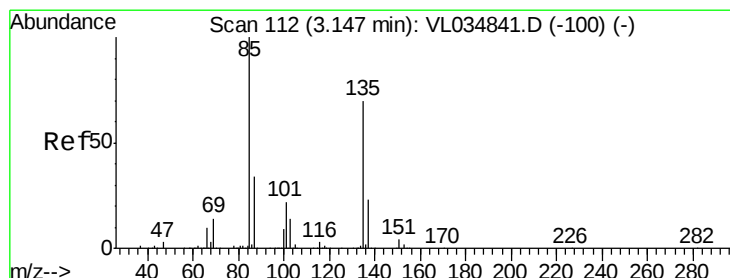
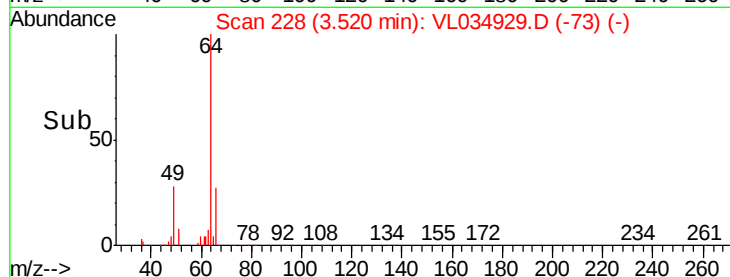
150000

100000

50000

0

Time-->



#8

Dichlorotetrafluoroethane

Concen: 9.690 ppbv

RT: 3.15 min Scan# 112

Delta R.T. -0.00 min

Lab File: VL034929.D

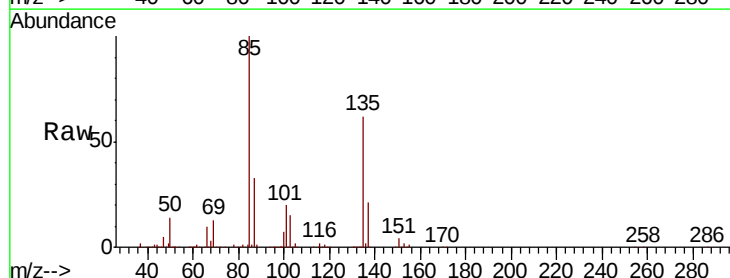
Acq: 23 Mar 2020 13:57

Tgt Ion: 85 Resp: 1376778

Ion Ratio Lower Upper

85 100

135 63.4 54.3 81.5



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V

3.15

1200000

1000000

800000

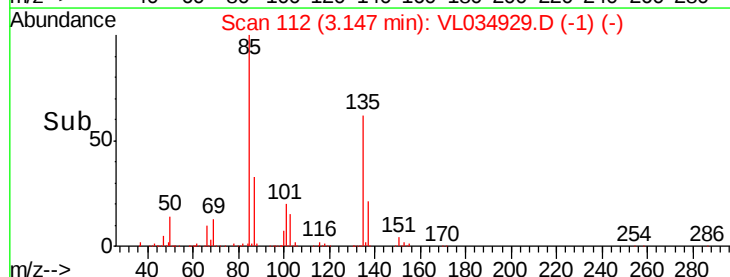
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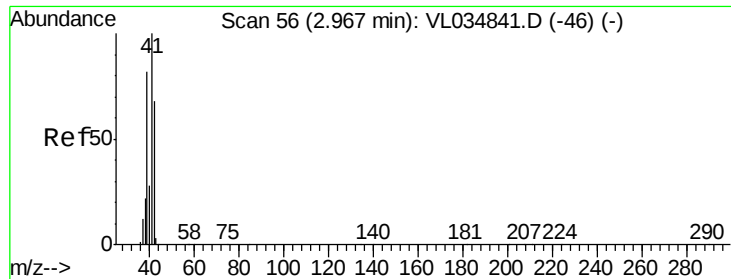
400000

200000

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Time-->





#9

Propene

Concen: 9.148 ppbv

RT: 2.97 min Scan# 56

Delta R.T. -0.00 min

Lab File: VL034929.D

Acq: 23 Mar 2020 13:57

Instrument :

MSVOA_L

ClientSampleId :

VL0323ABS01

Tot Ion: 41 Resp: 487430

Ion Ratio Lower Upper

41 100

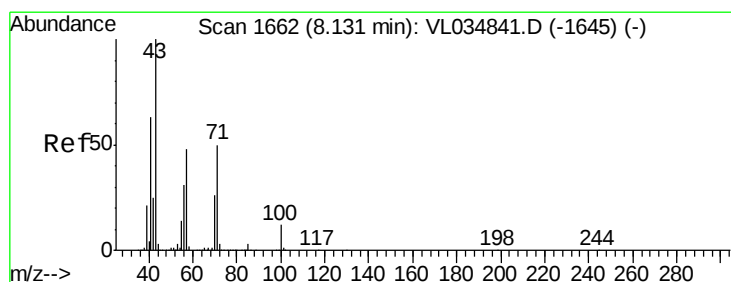
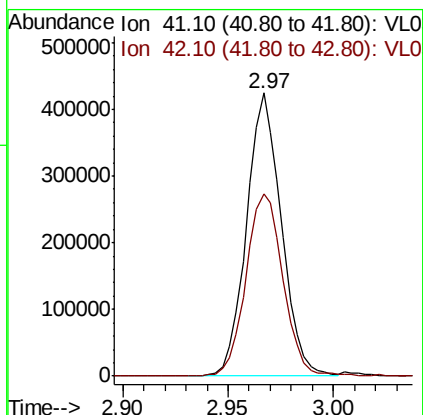
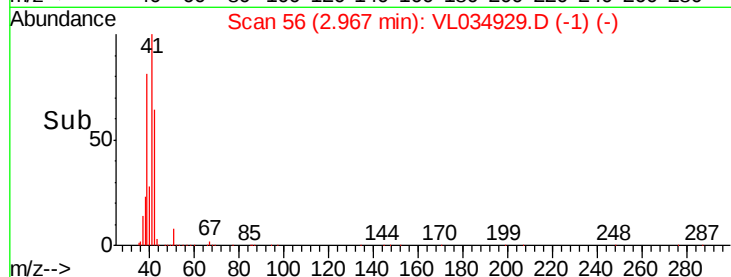
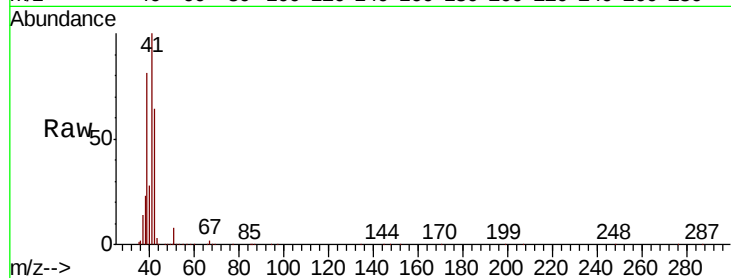
42 68.9 55.2 82.8

Manual Integrations

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#10

Heptane

Concen: 10.353 ppbv

RT: 8.13 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VL034929.D

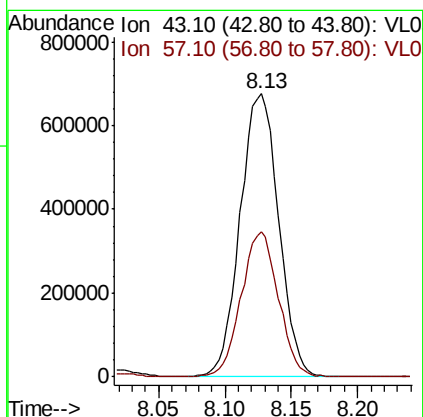
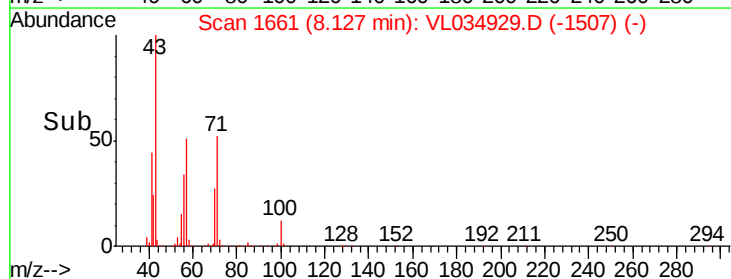
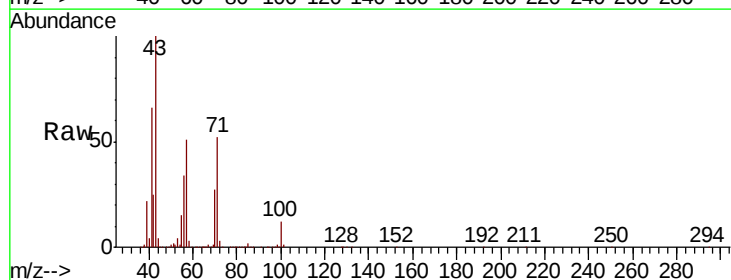
Acq: 23 Mar 2020 13:57

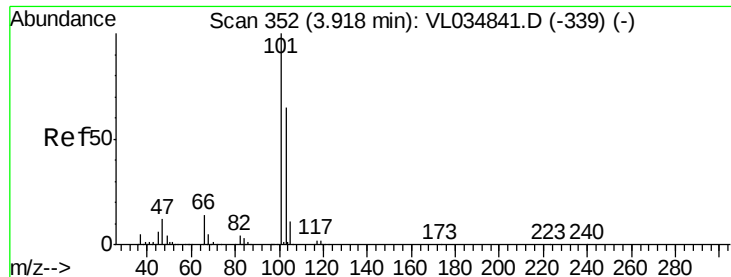
Tgt Ion: 43 Resp: 1357704

Ion Ratio Lower Upper

43 100

57 49.9 39.7 59.5





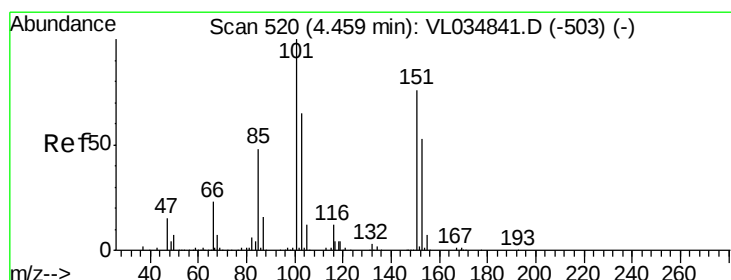
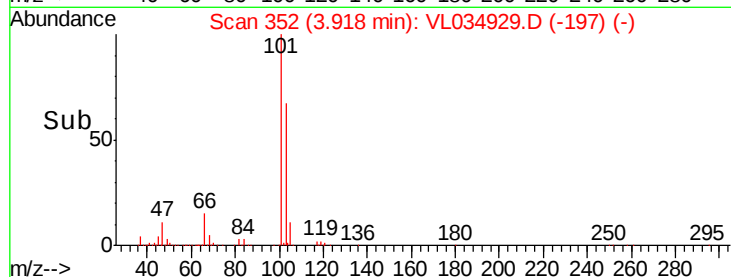
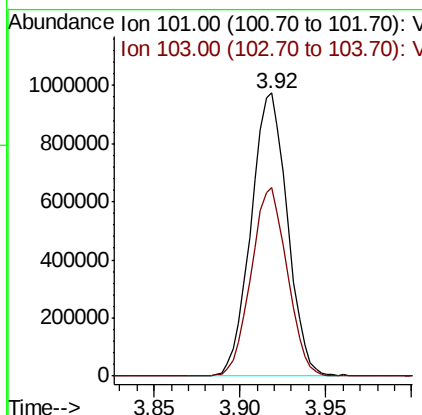
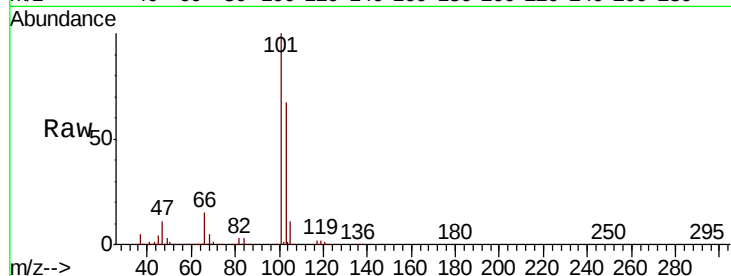
#11
 Trichlorofluoromethane
 Concen: 9.788 ppbv
 RT: 3.92 min Scan# 352
 Delta R.T. -0.00 min
 Lab File: VL034929.D
 Acq: 23 Mar 2020 13:57

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0323ABS01

Tot Ion:101 Resp: 1424689
 Ion Ratio Lower Upper
 101 100
 103 66.6 51.8 77.8

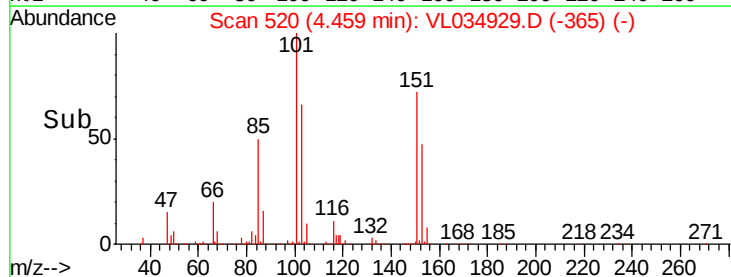
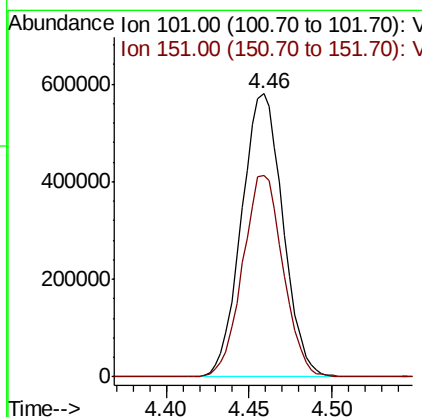
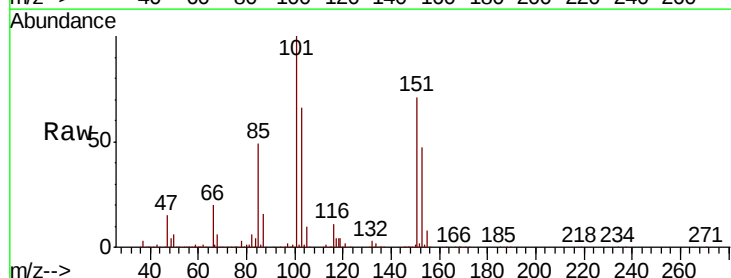
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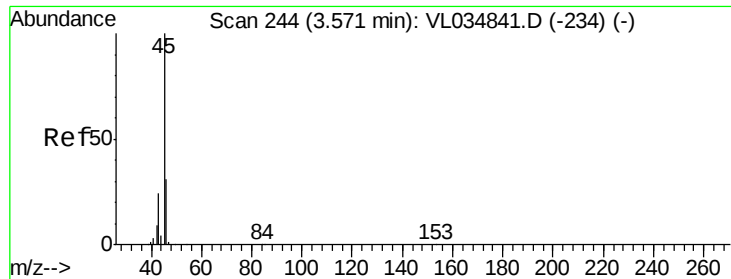
apatel
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#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.928 ppbv
 RT: 4.46 min Scan# 520
 Delta R.T. -0.00 min
 Lab File: VL034929.D
 Acq: 23 Mar 2020 13:57

Tgt Ion:101 Resp: 1011381
 Ion Ratio Lower Upper
 101 100
 151 69.8 60.8 91.2





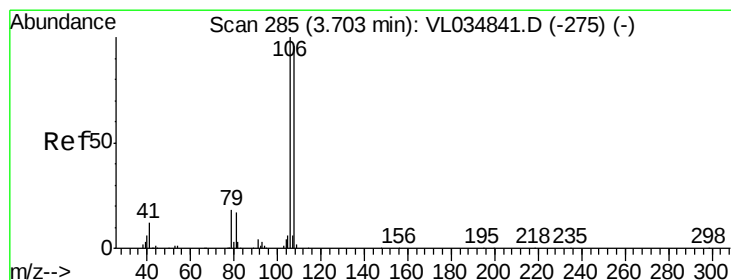
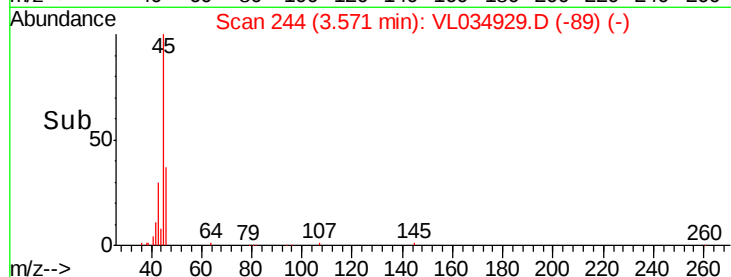
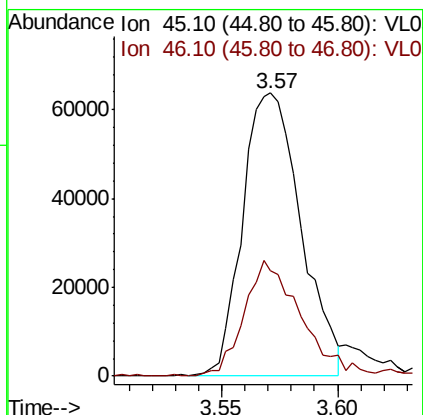
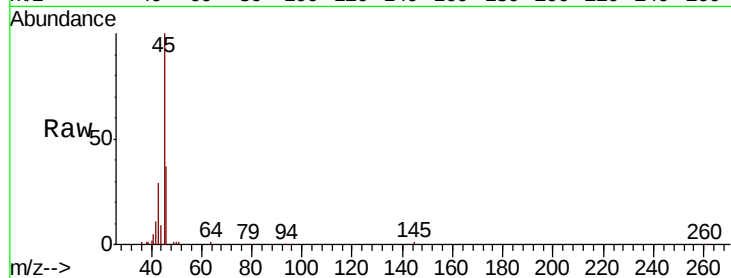
#13
Ethanol
Concen: 6.896 ppbv
RT: 3.57 min Scan# 244
Delta R.T. -0.00 min
Lab File: VL034929.D
Acq: 23 Mar 2020 13:57

Instrument :
MSVOA_L
ClientSampleId :
VL0323ABS01

Tot Ion: 45 Resp: 111721
Ion Ratio Lower Upper
45 100
46 41.4 16.0 64.0

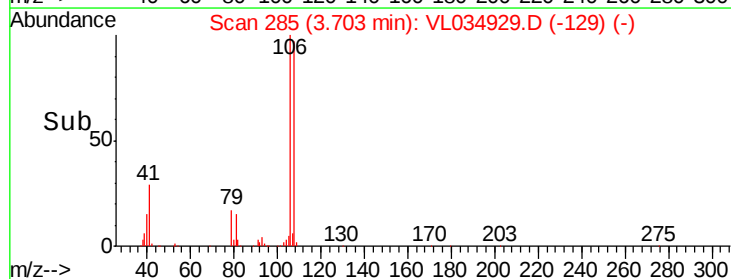
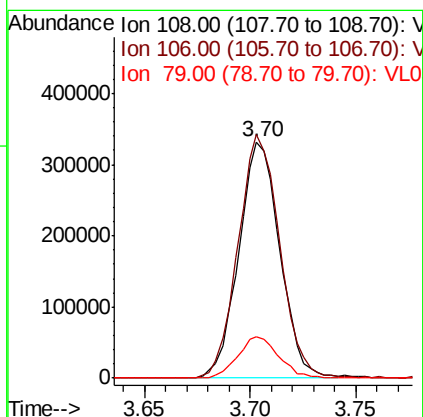
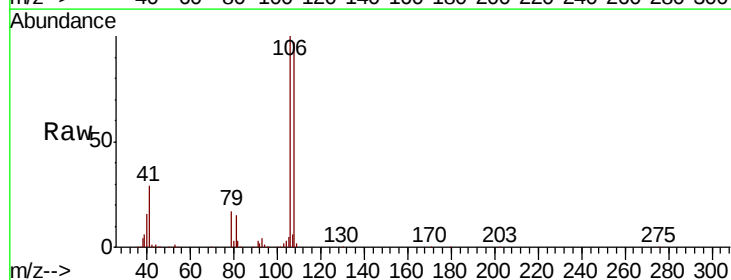
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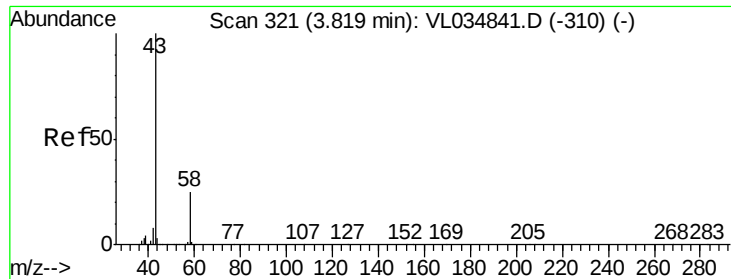
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#14
Bromoethene
Concen: 10.177 ppbv
RT: 3.70 min Scan# 285
Delta R.T. -0.00 min
Lab File: VL034929.D
Acq: 23 Mar 2020 13:57

Tgt Ion: 108 Resp: 447759
Ion Ratio Lower Upper
108 100
106 105.3 85.1 127.7
79 17.7 14.7 22.1





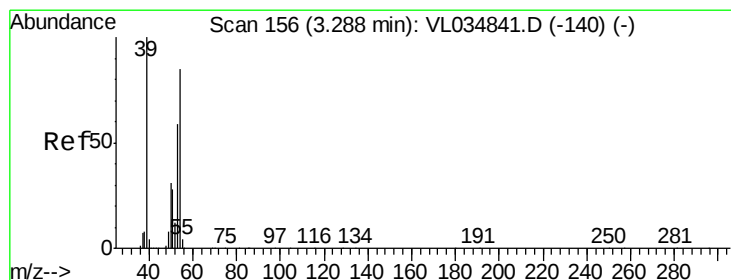
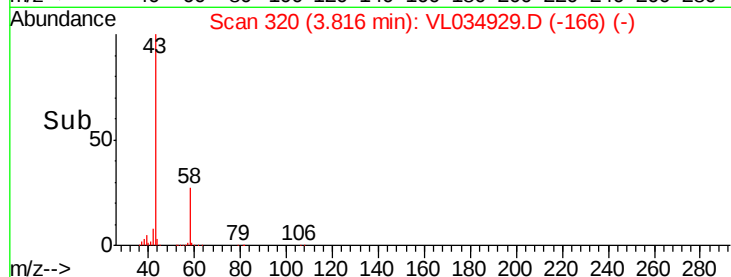
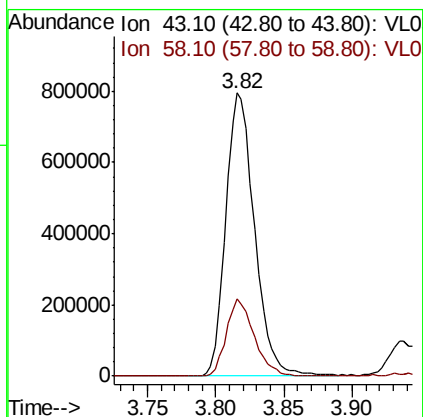
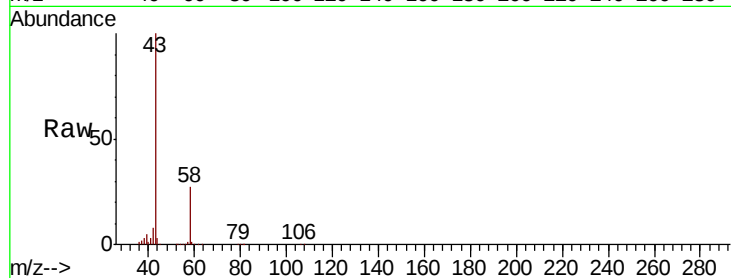
#15
Acetone
Concen: 8.982 ppbv
RT: 3.82 min Scan# 320
Delta R.T. -0.00 min
Lab File: VL034929.D
Acq: 23 Mar 2020 13:57

Instrument :
MSVOA_L
ClientSampleId :
VL0323ABS01

Tot Ion: 43 Resp: 1163080
Ion Ratio Lower Upper
43 100
58 26.7 21.0 31.6

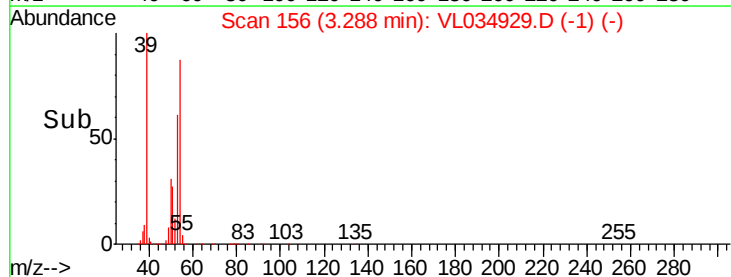
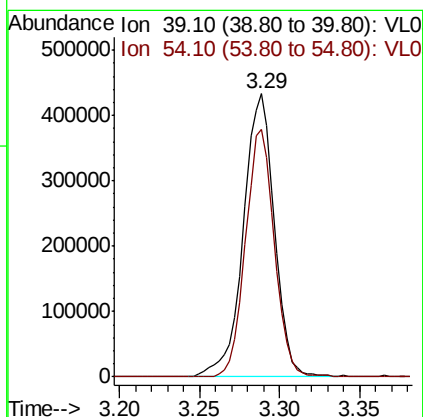
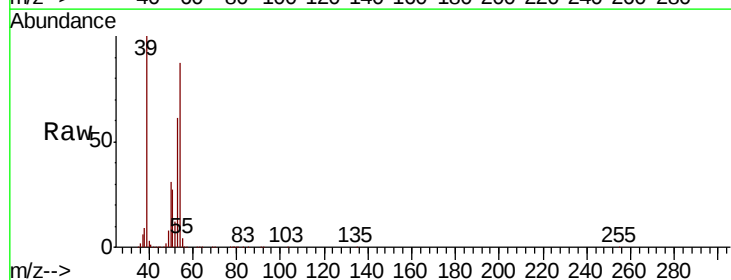
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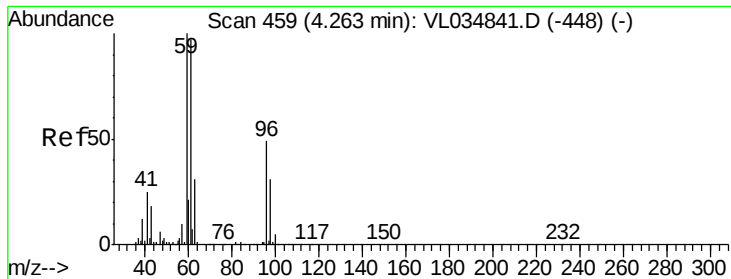
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#16
1,3-Butadiene
Concen: 9.703 ppbv
RT: 3.29 min Scan# 156
Delta R.T. -0.00 min
Lab File: VL034929.D
Acq: 23 Mar 2020 13:57

Tgt Ion: 39 Resp: 568160
Ion Ratio Lower Upper
39 100
54 82.0 65.0 97.6





#17

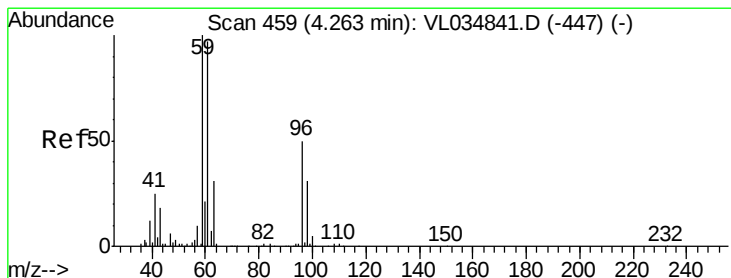
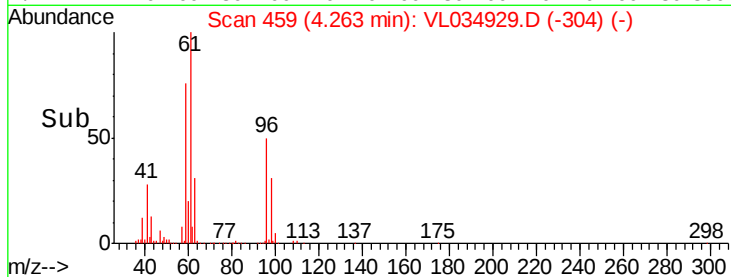
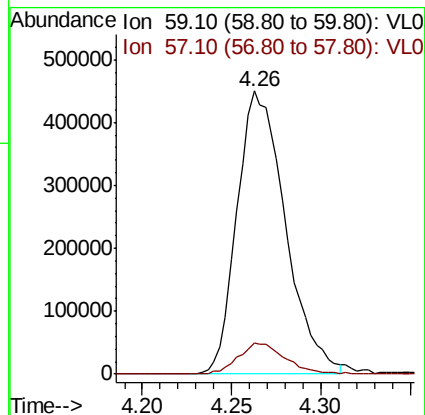
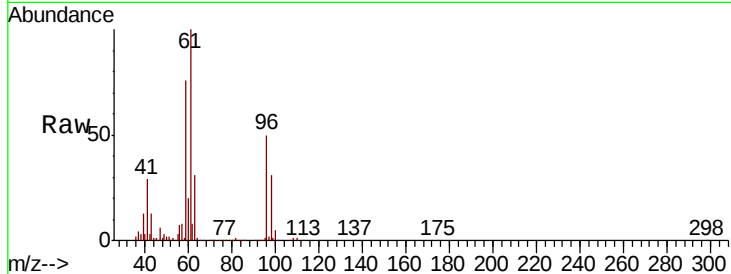
tert-Butyl alcohol
 Concen: 6.848 ppbv
 RT: 4.26 min Scan# 459
 Delta R.T. -0.00 min
 Lab File: VL034929.D
 Acq: 23 Mar 2020 13:57

Instrument :
 MSVOA_L
 ClientSampleID :
 VL0323ABS01

Tot Ion	59.10	Resp	854319
Ion Ratio	100	Lower	Upper
57	10.7	8.3	12.5

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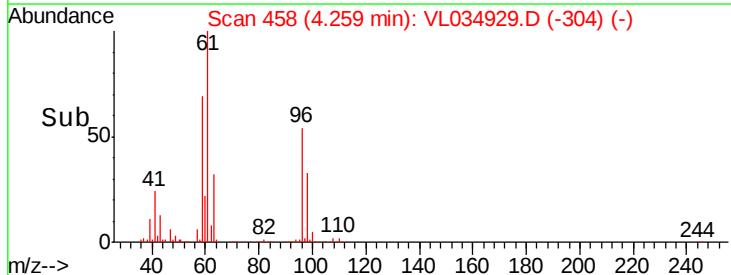
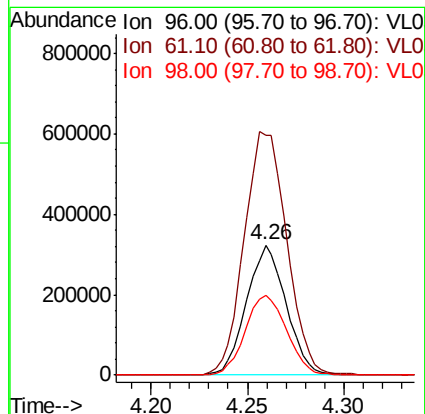
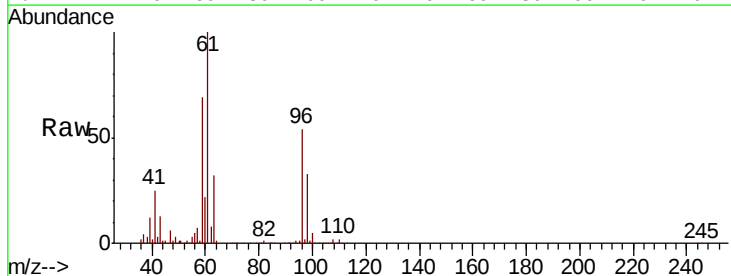
apatel
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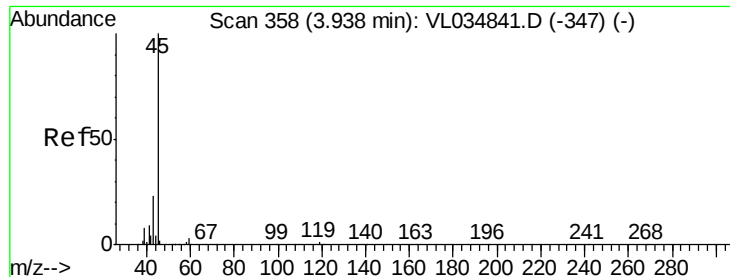


#18

1,1-Dichloroethene
 Concen: 10.188 ppbv
 RT: 4.26 min Scan# 458
 Delta R.T. -0.00 min
 Lab File: VL034929.D
 Acq: 23 Mar 2020 13:57

Tgt Ion	96	Resp	459584
Ion Ratio	100	Lower	Upper
61	184.4	157.3	235.9
98	61.3	50.2	75.4





#19

Isopropyl Alcohol

Concen: 7.647 ppbv

RT: 3.94 min Scan# 358

Delta R.T. -0.00 min

Lab File: VL034929.D

Acq: 23 Mar 2020 13:57

Instrument :

MSVOA_L

ClientSampleID :

VL0323ABS01

Tot Ion: 45 Resp: 625298

Ion Ratio Lower Upper

45 100

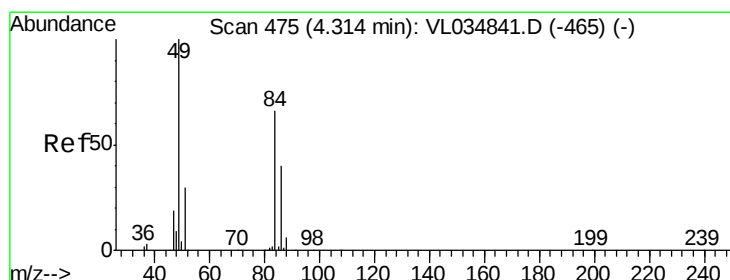
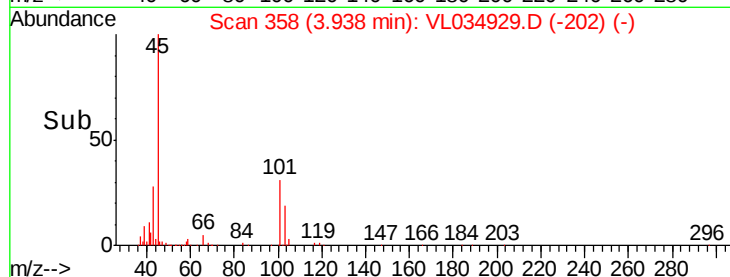
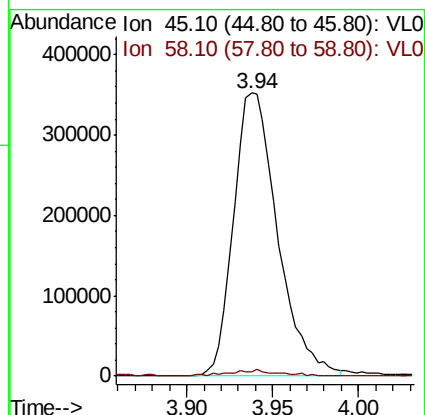
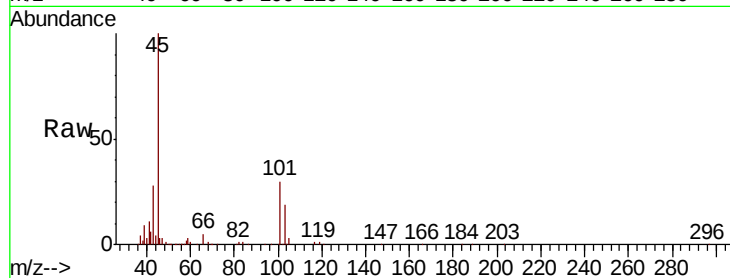
58 2.8 30.5 45.7#

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#20

Methylene Chloride

Concen: 10.256 ppbv

RT: 4.31 min Scan# 475

Delta R.T. -0.00 min

Lab File: VL034929.D

Acq: 23 Mar 2020 13:57

Tgt Ion: 84 Resp: 419900

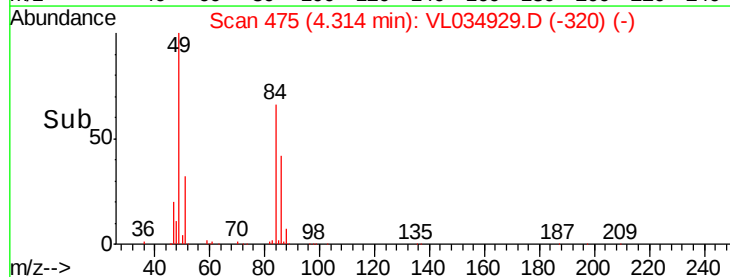
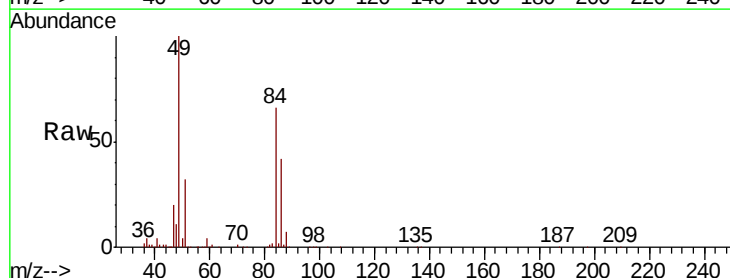
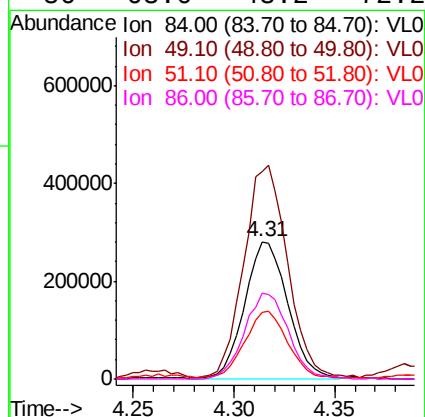
Ion Ratio Lower Upper

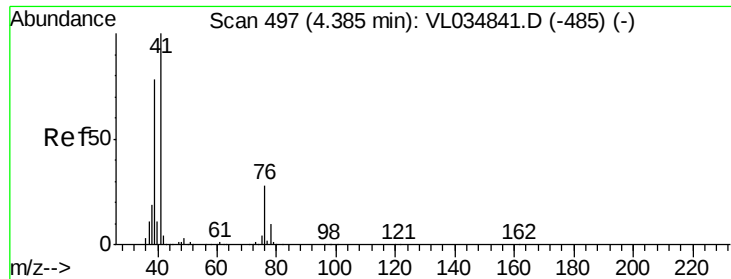
84 100

49 150.2 121.5 182.3

51 47.7 36.6 55.0

86 63.0 48.2 72.2





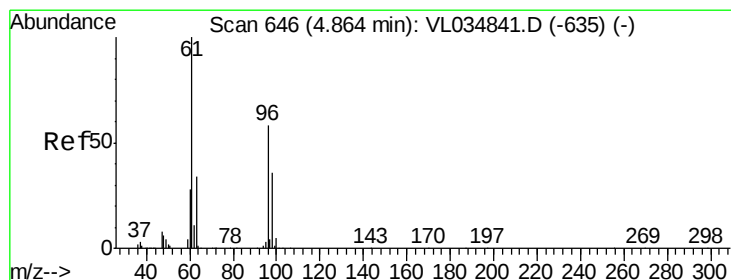
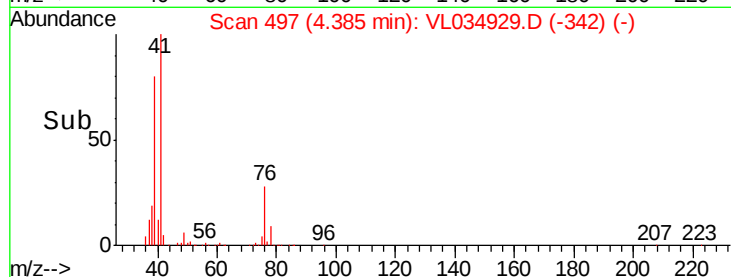
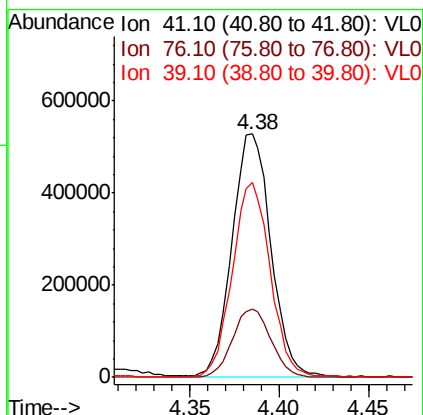
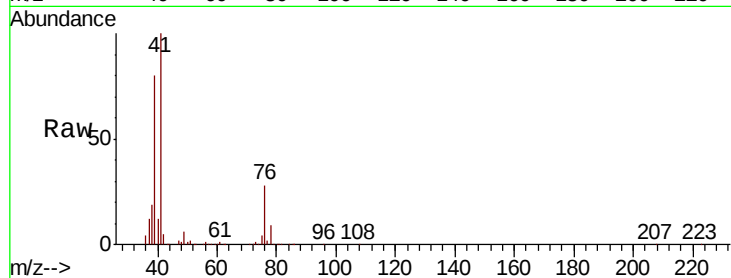
#21
Allvl Chloride
Concen: 9.588 ppbv
RT: 4.38 min Scan# 497
Delta R.T. -0.00 min
Lab File: VL034929.D
Acq: 23 Mar 2020 13:57

Instrument :
MSVOA_L
ClientSampleId :
VL0323ABS01

Tot Ion	Ratio	Lower	Upper
41	100		
76	28.1	22.2	33.2
39	78.9	62.6	93.8

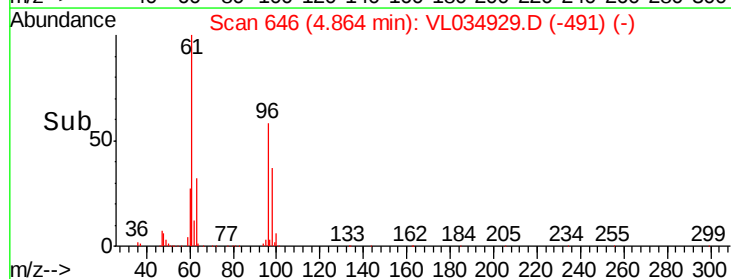
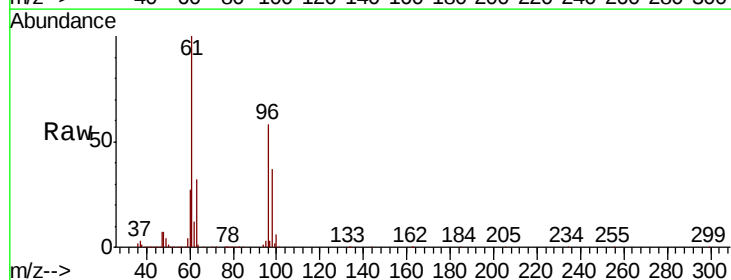
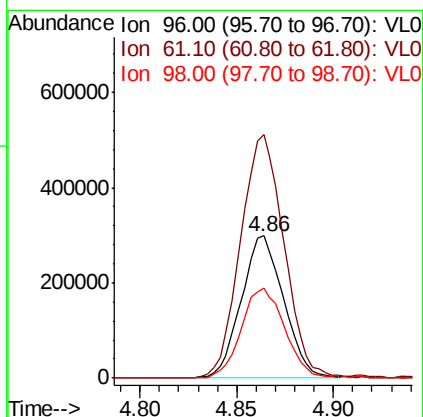
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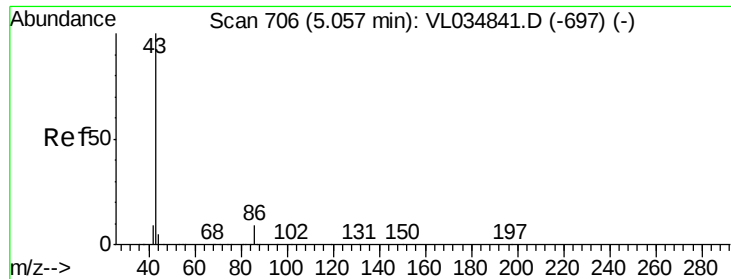
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#22
trans-1,2-Dichloroethene
Concen: 9.975 ppbv
RT: 4.86 min Scan# 646
Delta R.T. -0.00 min
Lab File: VL034929.D
Acq: 23 Mar 2020 13:57

Tgt Ion	Ratio	Lower	Upper
96	100		
61	171.4	139.0	208.6
98	63.2	50.3	75.5





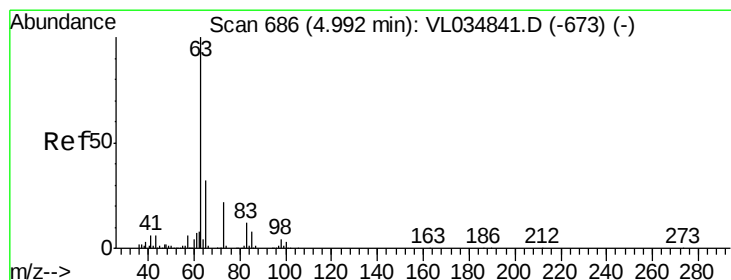
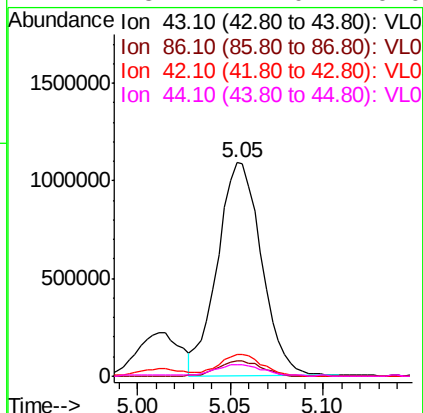
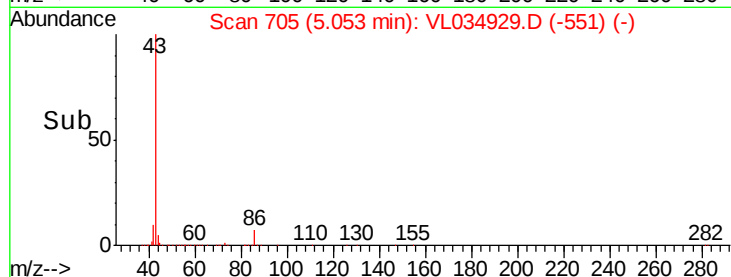
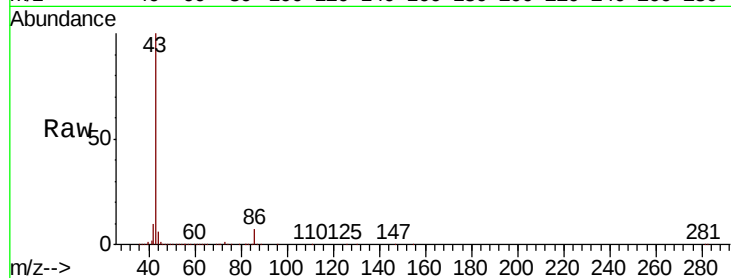
#23
 Vinyl Acetate
 Concen: 9.382 ppbv
 RT: 5.05 min Scan# 705
 Delta R.T. -0.00 min
 Lab File: VL034929.D
 Acq: 23 Mar 2020 13:57

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0323ABS01

Tot Ion:	43	Resp:	1794560
Ion	Ratio	Lower	Upper
43	100		
86	7.2	6.3	9.5
42	10.1	7.8	11.8
44	5.2	4.0	6.0

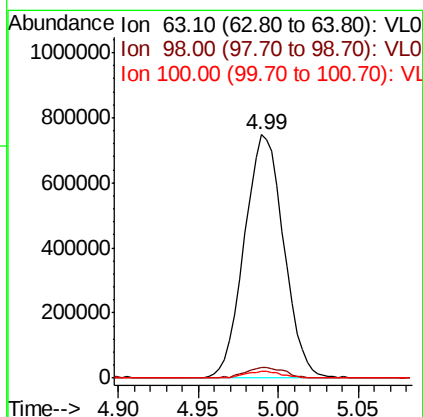
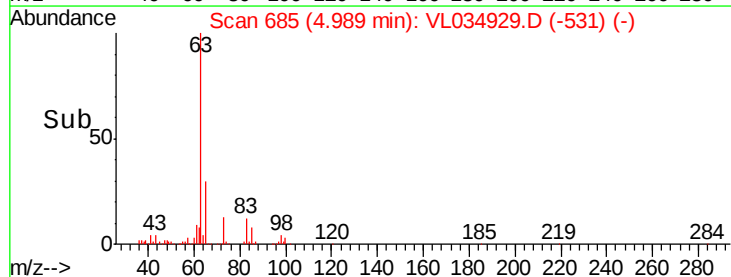
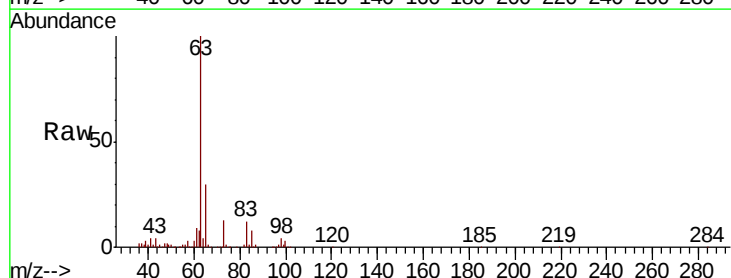
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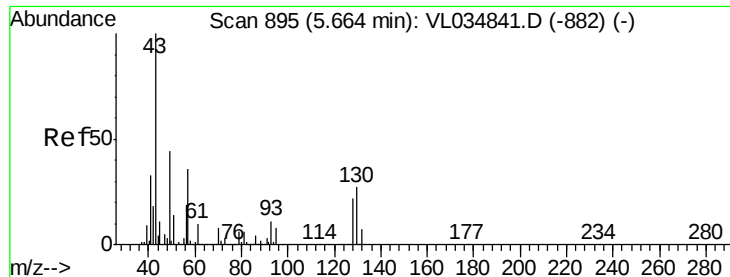
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#24
 1,1-Dichloroethane
 Concen: 9.827 ppbv
 RT: 4.99 min Scan# 685
 Delta R.T. -0.00 min
 Lab File: VL034929.D
 Acq: 23 Mar 2020 13:57

Tgt Ion:	63	Resp:	1260114
Ion	Ratio	Lower	Upper
63	100		
98	4.2	2.0	5.8
100	2.6	1.4	4.0





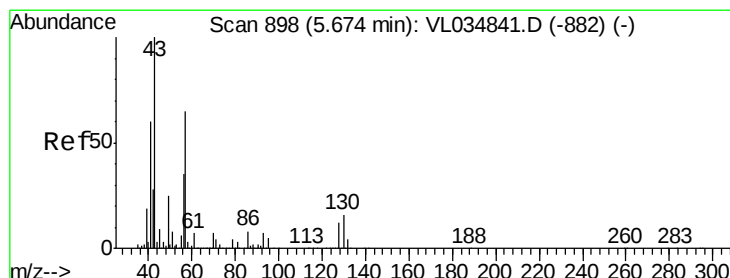
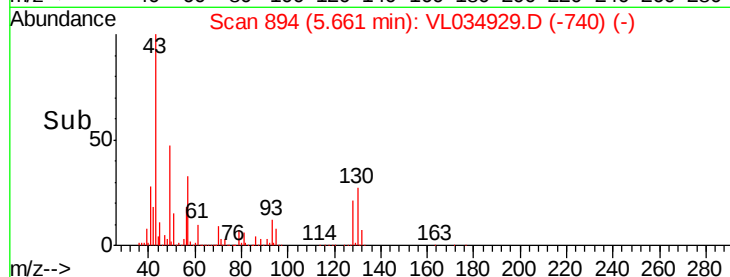
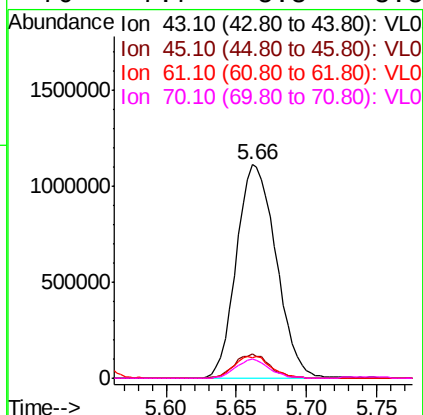
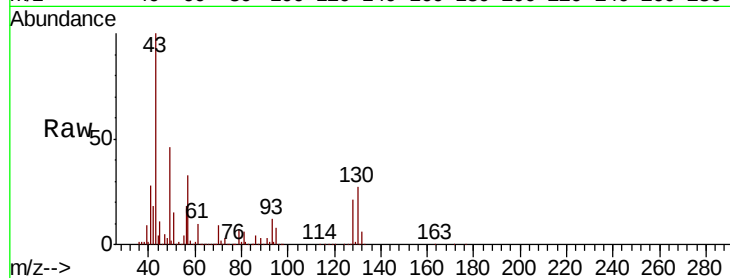
#25
Ethyl Acetate
Concen: 9.515 ppbv
RT: 5.66 min Scan# 894
Delta R.T. -0.00 min
Lab File: VL034929.D
Acq: 23 Mar 2020 13:57

Instrument :
MSVOA_L
ClientSampleId :
VL0323ABS01

Tot Ion:	43	Resp:	2195208
Ion	Ratio	Lower	Upper
43	100		
45	10.1	8.2	12.2
61	9.5	7.8	11.6
70	7.7	5.8	8.8

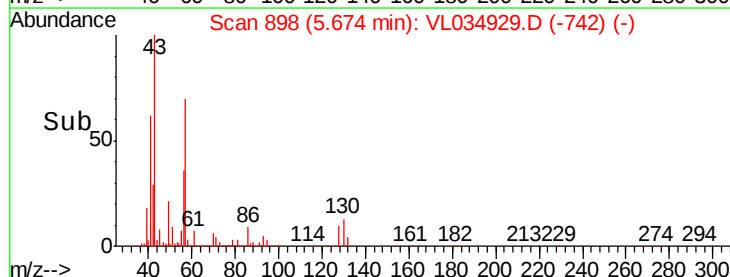
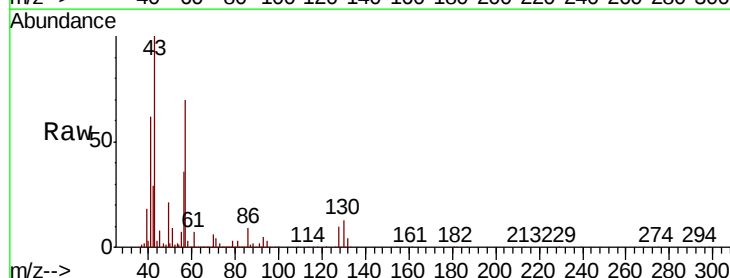
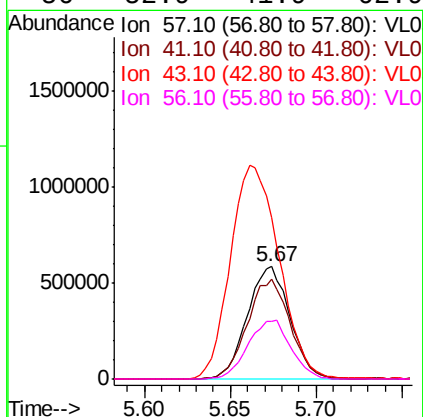
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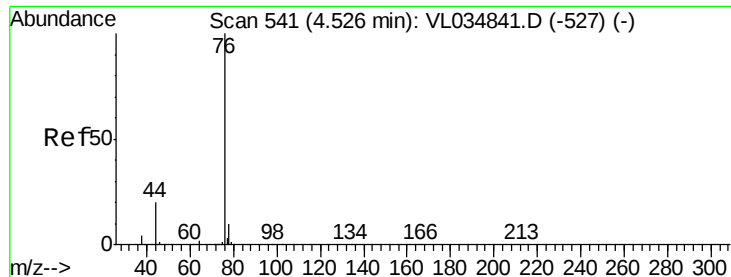
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#26
Hexane
Concen: 10.091 ppbv
RT: 5.67 min Scan# 898
Delta R.T. -0.00 min
Lab File: VL034929.D
Acq: 23 Mar 2020 13:57

Tgt Ion:	57	Resp:	1002491
Ion	Ratio	Lower	Upper
57	100		
41	91.2	72.6	109.0
43	220.4	183.8	275.6
56	52.9	41.9	62.9





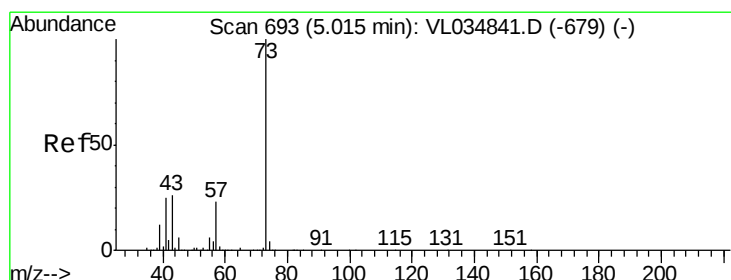
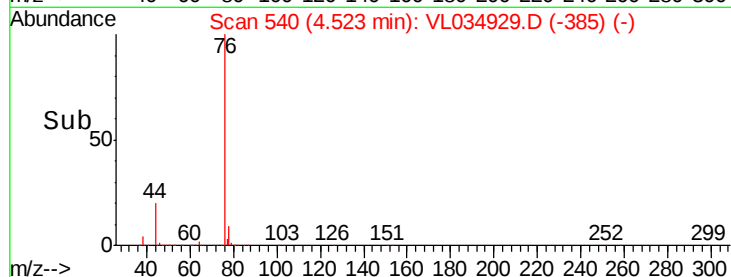
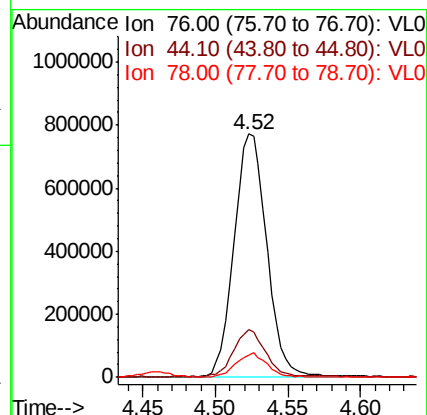
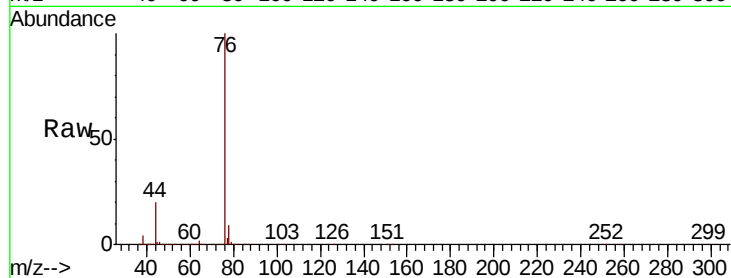
#27
Carbon Disulfide
Concen: 10.710 ppbv
RT: 4.52 min Scan# 540
Delta R.T. -0.00 min
Lab File: VL034929.D
Acq: 23 Mar 2020 13:57

Instrument :
MSVOA_L
ClientSampleId :
VL0323ABS01

Tot Ion	Ratio	Lower	Upper
76	100		
44	18.8	16.2	24.2
78	9.3	7.8	11.6

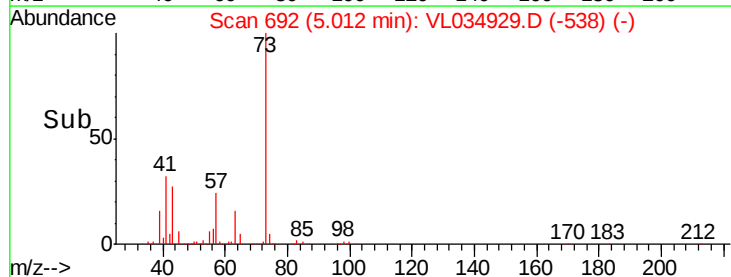
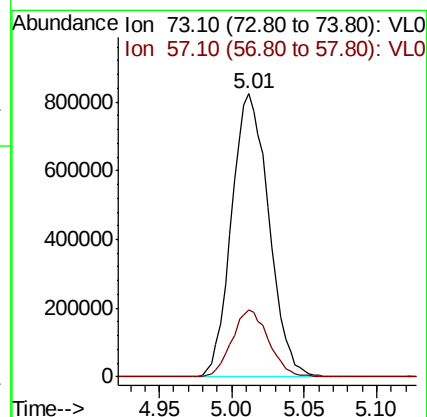
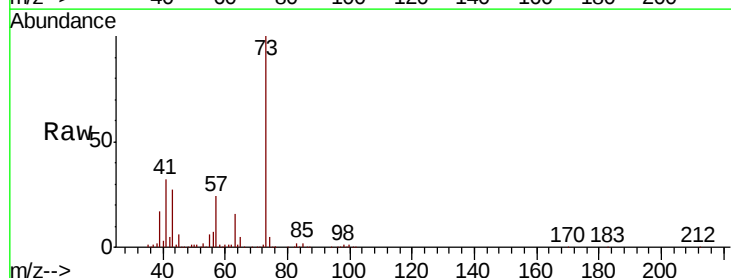
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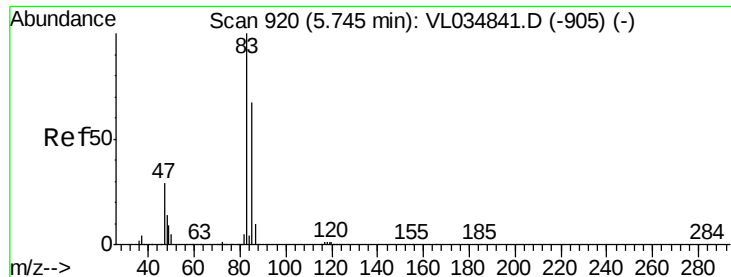
apatel
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#28
Methyl tert-Butyl Ether
Concen: 8.849 ppbv
RT: 5.01 min Scan# 692
Delta R.T. -0.00 min
Lab File: VL034929.D
Acq: 23 Mar 2020 13:57

Tgt Ion	Ratio	Lower	Upper
73	100		
57	23.6	18.3	27.5





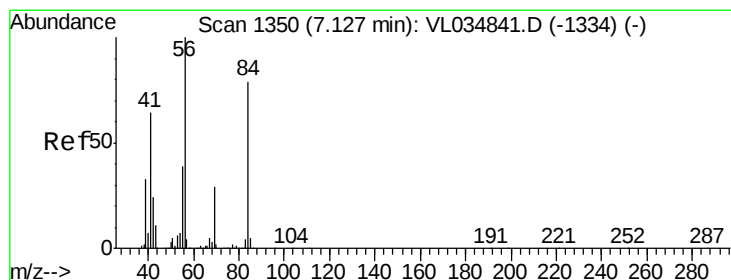
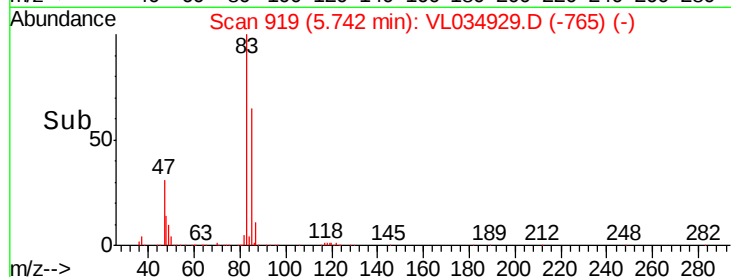
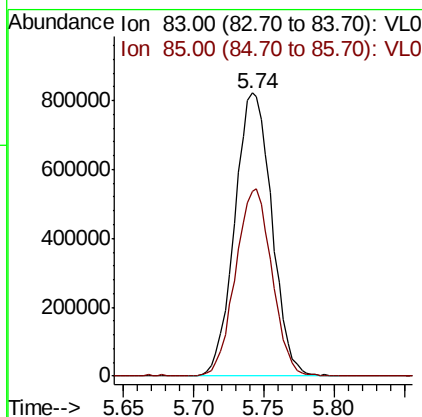
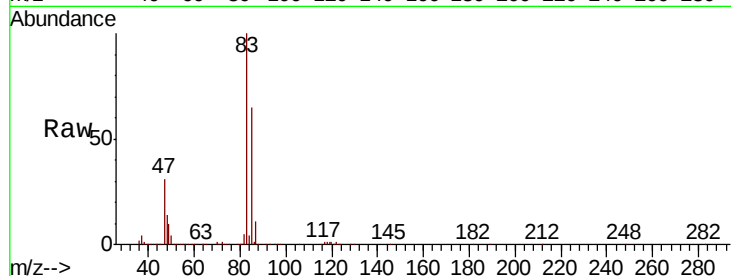
#29
Chloroform
Concen: 9.973 ppbv
RT: 5.74 min Scan# 919
Delta R.T. -0.00 min
Lab File: VL034929.D
Acq: 23 Mar 2020 13:57

Instrument :
MSVOA_L
ClientSampleId :
VL0323ABS01

Tot Ion: 83 Resp: 1511607
Ion Ratio Lower Upper
83 100
85 65.2 53.8 80.6

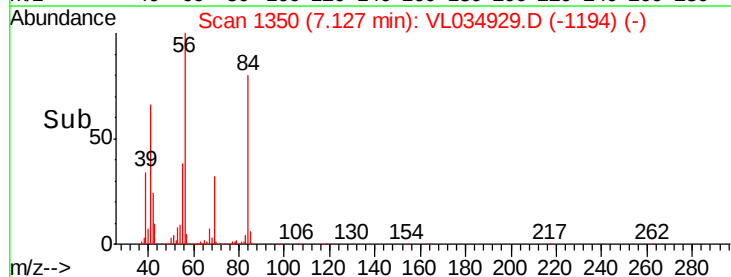
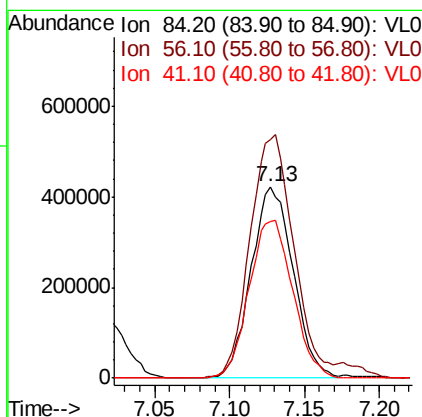
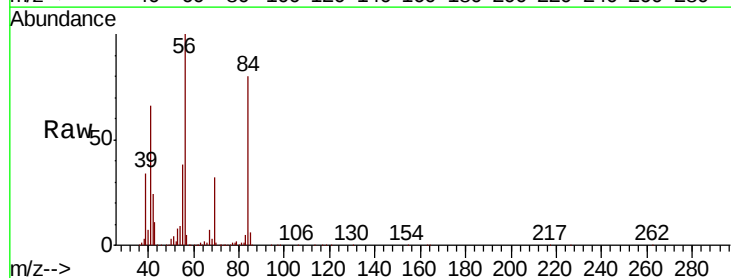
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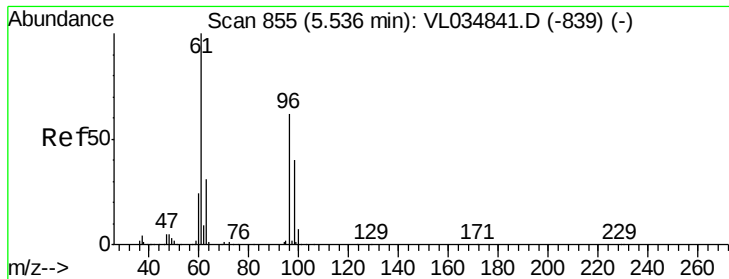
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#30
Cyclohexane
Concen: 9.999 ppbv
RT: 7.13 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VL034929.D
Acq: 23 Mar 2020 13:57

Tgt Ion: 84 Resp: 828798
Ion Ratio Lower Upper
84 100
56 136.9 110.5 165.7
41 84.9 68.2 102.4





#31

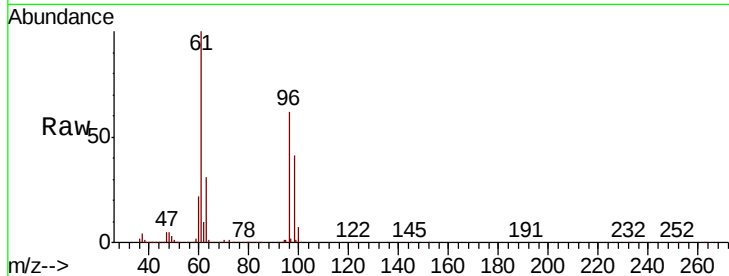
cis-1,2-Dichloroethene
Concen: 9.723 ppbv
RT: 5.54 min Scan# 855
Delta R.T. -0.00 min
Lab File: VL034929.D
Acq: 23 Mar 2020 13:57

Instrument :
MSVOA_L
ClientSampleId :
VL0323ABS01

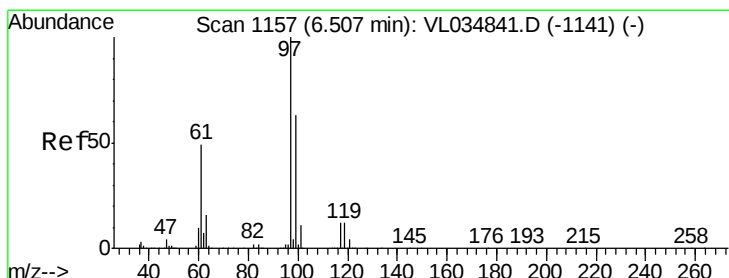
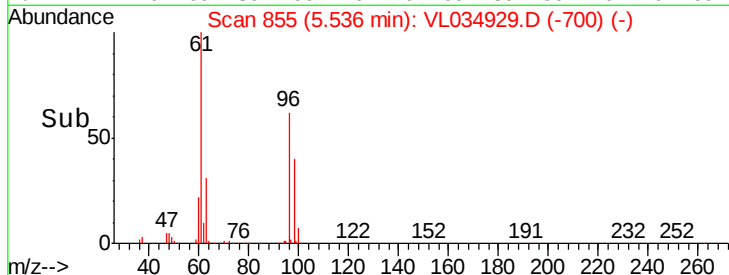
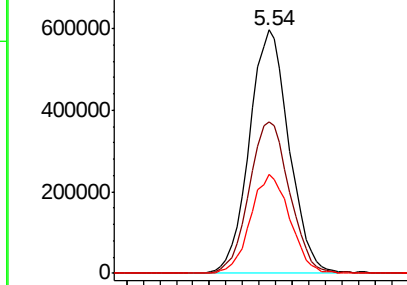
Tot Ion	Ratio	Lower	Upper
61	100		
96	62.4	49.8	74.8
98	40.6	32.2	48.4

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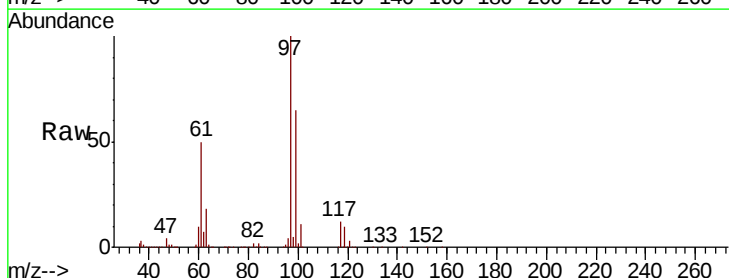
Abundance Ion 61.10 (60.80 to 61.80): VL0
Ion 96.00 (95.70 to 96.70): VL0
Ion 98.00 (97.70 to 98.70): VL0



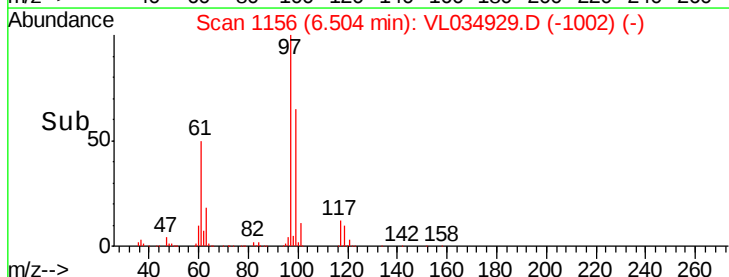
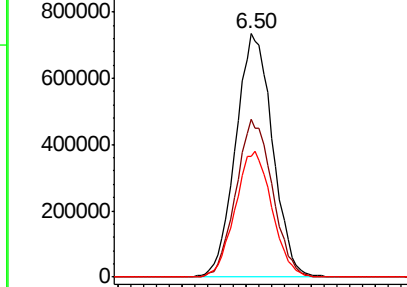
#32

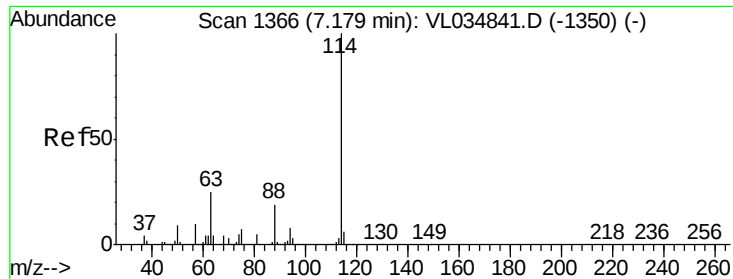
1,1,1-Trichloroethane
Concen: 9.854 ppbv
RT: 6.50 min Scan# 1156
Delta R.T. -0.00 min
Lab File: VL034929.D
Acq: 23 Mar 2020 13:57

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.1	76.7
61	51.9	39.7	59.5



Abundance Ion 97.00 (96.70 to 97.70): VL0
Ion 99.00 (98.70 to 99.70): VL0
Ion 61.10 (60.80 to 61.80): VL0





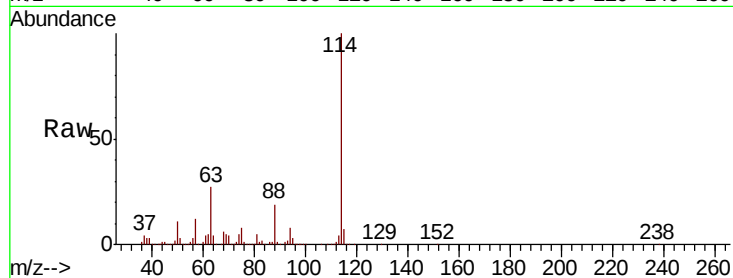
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VL034929.D
 Acq: 23 Mar 2020 13:57

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0323ABS01

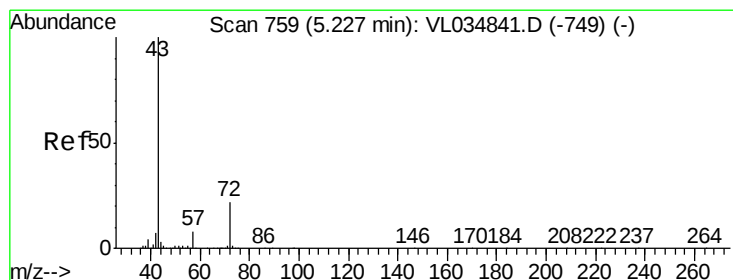
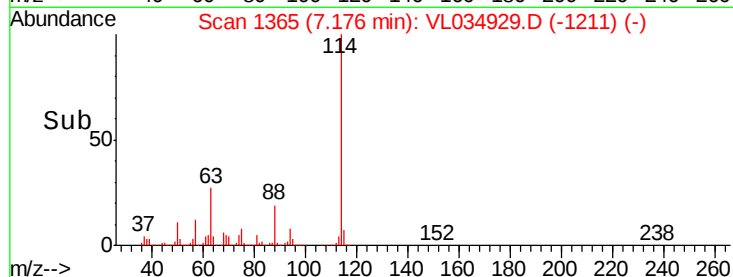
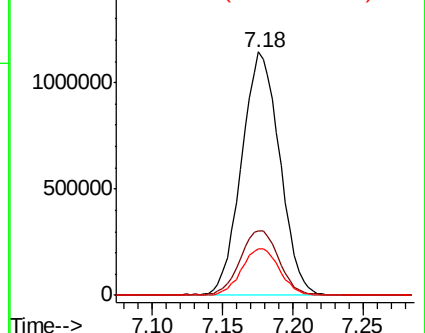
Tot Ion	Ratio	Lower	Upper
114	100		
63	27.5	20.6	31.0
88	19.1	15.0	22.6

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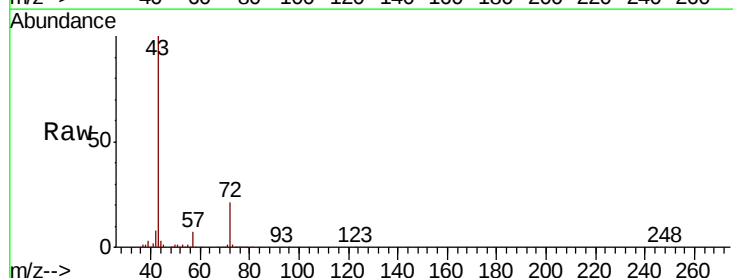


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

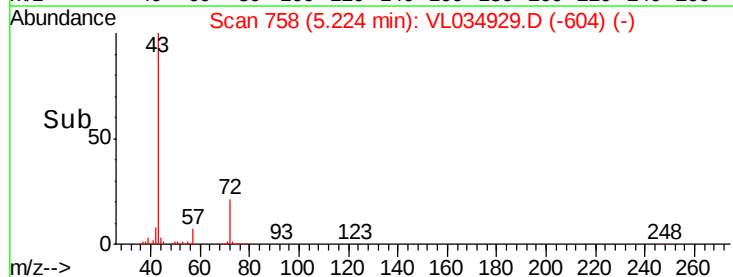
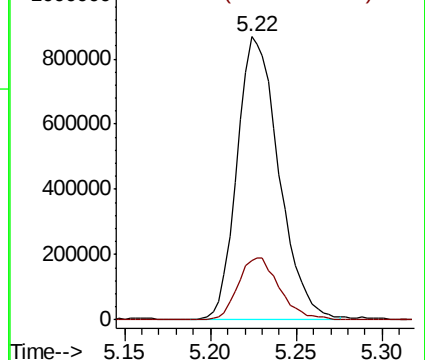


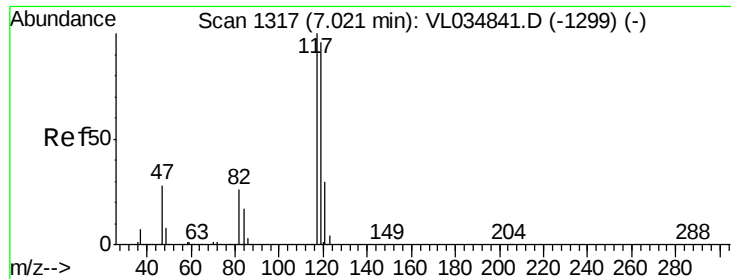
#34
 2-Butanone
 Concen: 10.153 ppbv
 RT: 5.22 min Scan# 758
 Delta R.T. -0.00 min
 Lab File: VL034929.D
 Acq: 23 Mar 2020 13:57

Tgt Ion	Ratio	Lower	Upper
43	100		
72	21.9	17.6	26.4



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





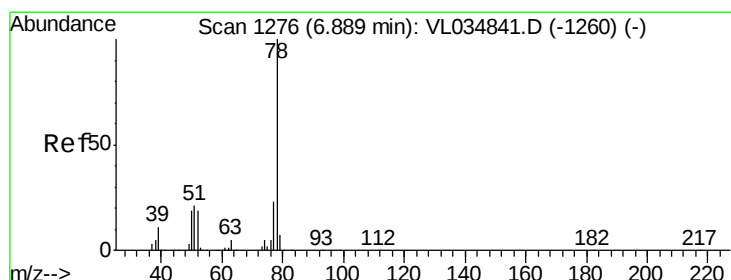
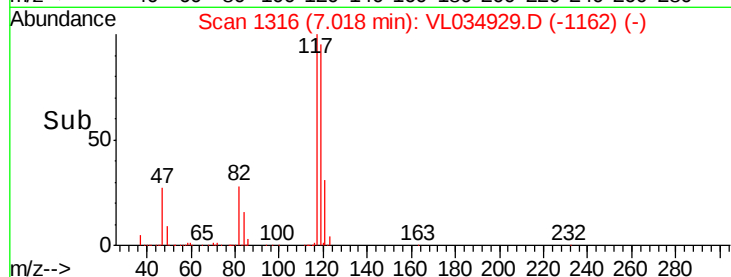
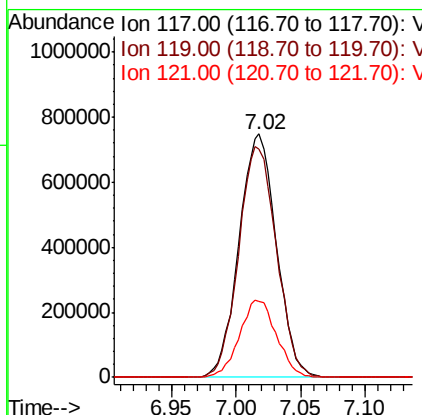
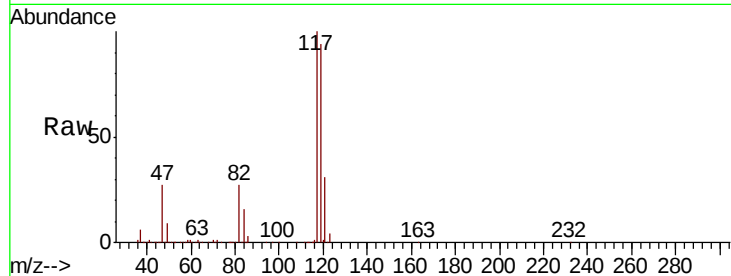
#35
Carbon Tetrachloride
Concen: 11.139 ppbv
RT: 7.02 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VL034929.D
Acq: 23 Mar 2020 13:57

Instrument :
MSVOA_L
ClientSampleId :
VL0323ABS01

Tot Ion	Ratio	Lower	Upper
117	100		
119	93.8	77.0	115.4
121	31.1	24.0	36.0

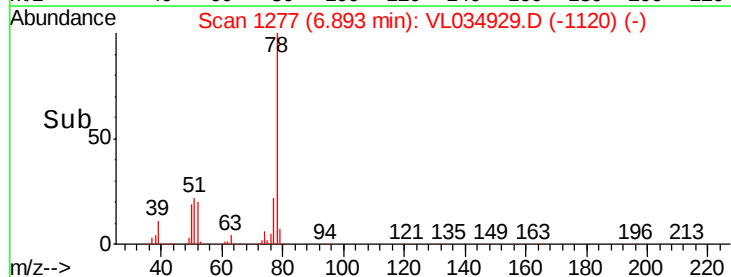
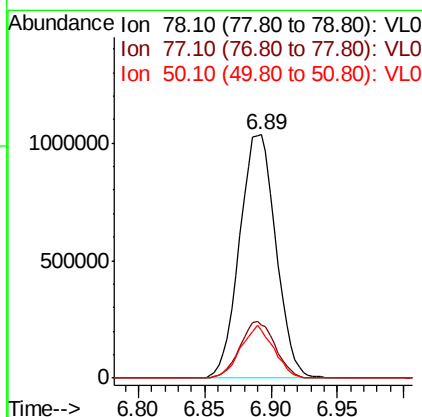
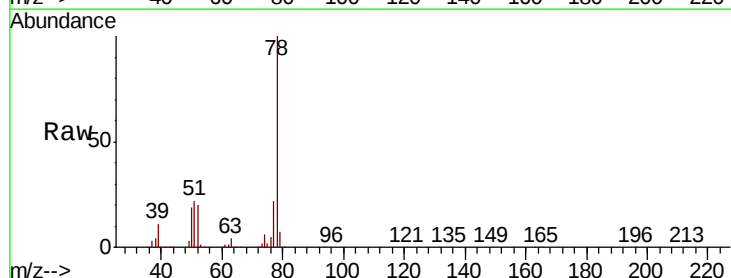
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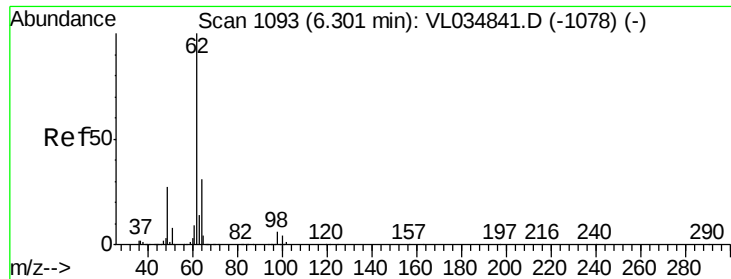
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#36
Benzene
Concen: 10.195 ppbv
RT: 6.89 min Scan# 1277
Delta R.T. 0.00 min
Lab File: VL034929.D
Acq: 23 Mar 2020 13:57

Tgt Ion	Ratio	Lower	Upper
78	100		
77	21.6	18.2	27.2
50	19.4	15.2	22.8





#37

1,2-Dichloroethane

Concen: 10.775 ppbv

RT: 6.30 min Scan# 1094

Delta R.T. 0.00 min

Lab File: VL034929.D

Acq: 23 Mar 2020 13:57

Instrument :

MSVOA_L

ClientSampleId :

VL0323ABS01

Tot Ion: 62 Resp: 1177706

Ion Ratio Lower Upper

62 100

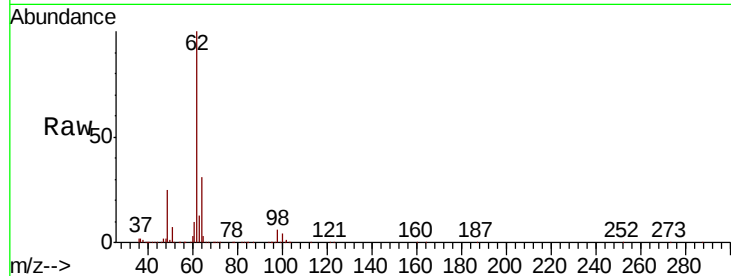
98 5.8 5.2 7.8

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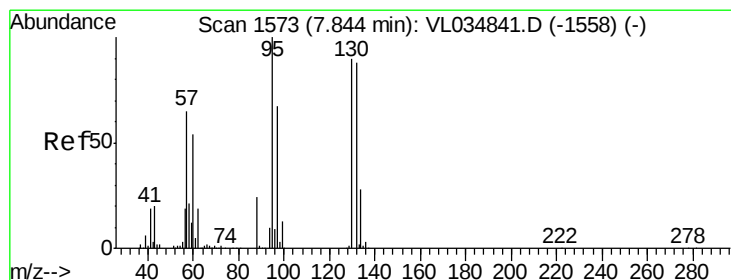
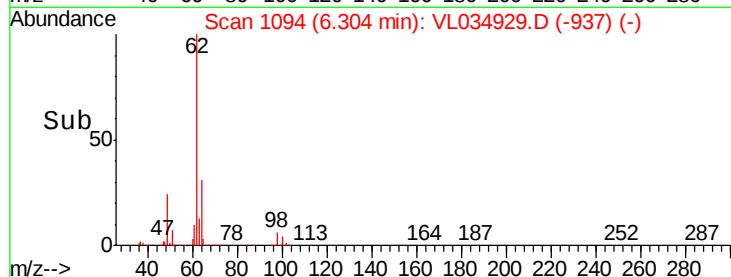
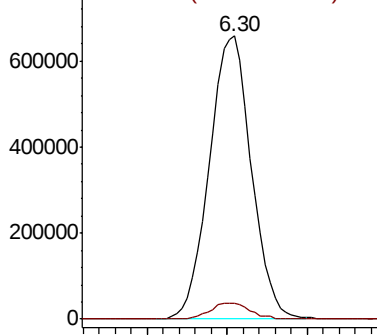
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Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 98.00 (97.70 to 98.70): VL0



#38

Trichloroethene

Concen: 9.997 ppbv

RT: 7.84 min Scan# 1572

Delta R.T. -0.00 min

Lab File: VL034929.D

Acq: 23 Mar 2020 13:57

Tgt Ion:130 Resp: 736018

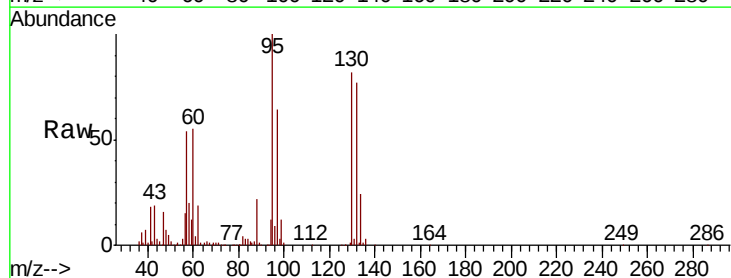
Ion Ratio Lower Upper

130 100

95 122.9 88.5 132.7

132 94.8 78.0 117.0

97 78.6 59.3 88.9

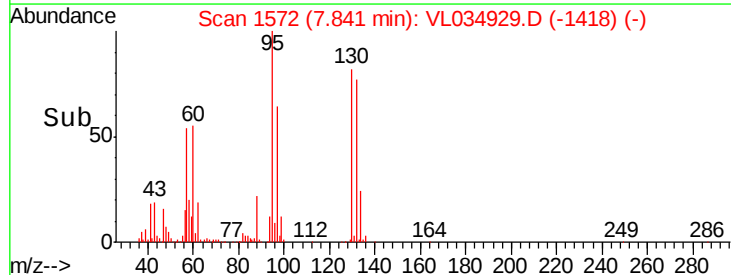
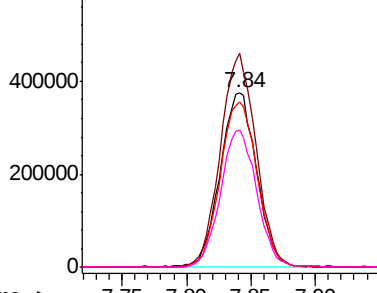


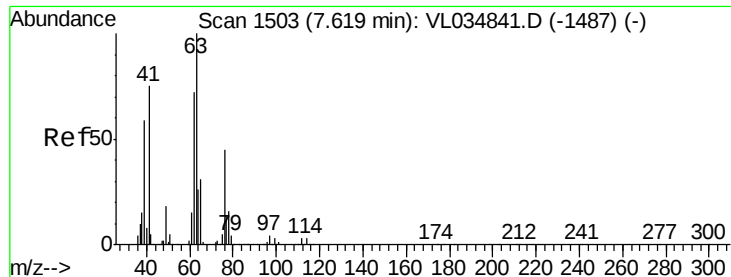
Abundance Ion 130.00 (129.70 to 130.70): V

Ion 95.00 (94.70 to 95.70): VL0

Ion 132.00 (131.70 to 132.70): V

Ion 97.00 (96.70 to 97.70): VL0





#39

1,2-Dichloropropane

Concen: 10.231 ppbv

RT: 7.62 min Scan# 1502

Delta R.T. -0.00 min

Lab File: VL034929.D

Acq: 23 Mar 2020 13:57

Instrument :

MSVOA_L

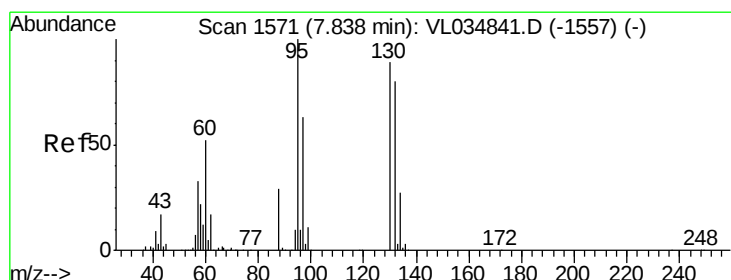
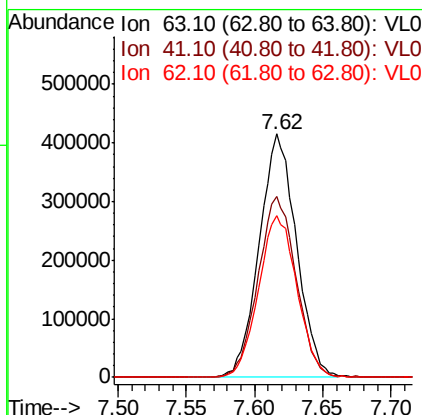
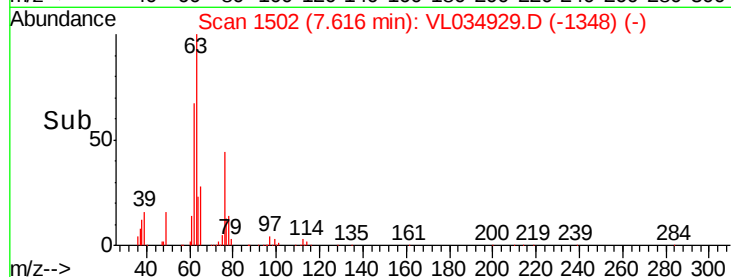
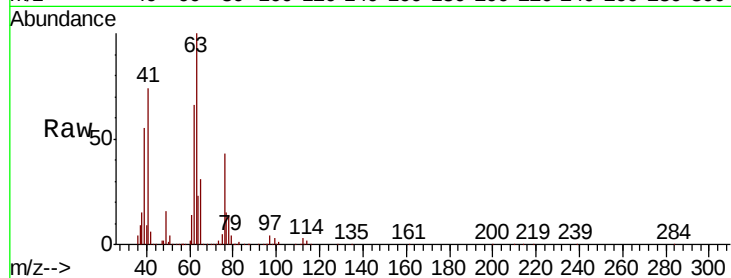
ClientSampleId :

VL0323ABS01

Tot Ion:	63	Resp:	785736
Ion Ratio	Lower	Upper	
63	100		
41	74.2	59.8	89.8
62	66.4	57.6	86.4

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#40

1,4-Dioxane

Concen: 8.664 ppbv

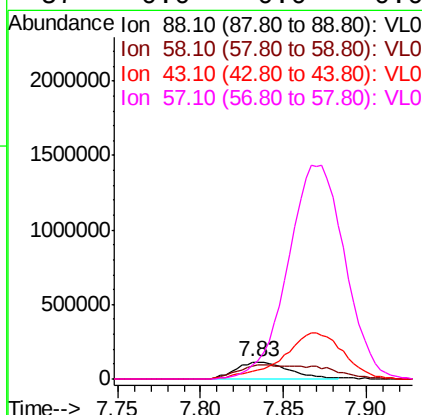
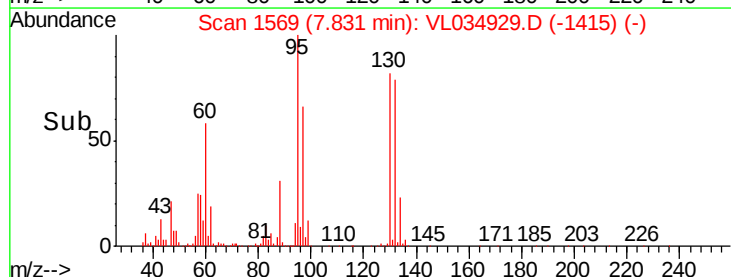
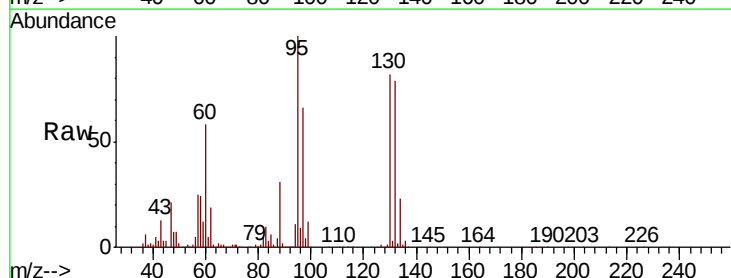
RT: 7.83 min Scan# 1569

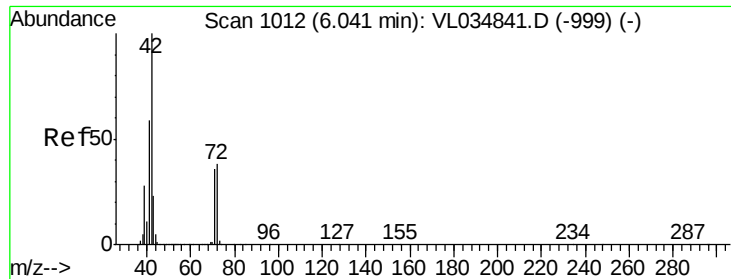
Delta R.T. -0.01 min

Lab File: VL034929.D

Acq: 23 Mar 2020 13:57

Tgt Ion:	88	Resp:	251301
Ion Ratio	Lower	Upper	
88	100		
58	144.7	103.9	155.9
43	0.0	0.0	0.0
57	0.0	0.0	0.0





#41

Tetrahydrofuran

Concen: 10.574 ppbv

RT: 6.04 min Scan# 1011

Delta R.T. -0.00 min

Lab File: VL034929.D

Acq: 23 Mar 2020 13:57

Instrument :

MSVOA_L

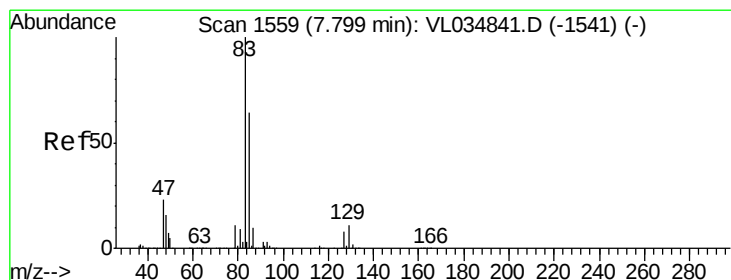
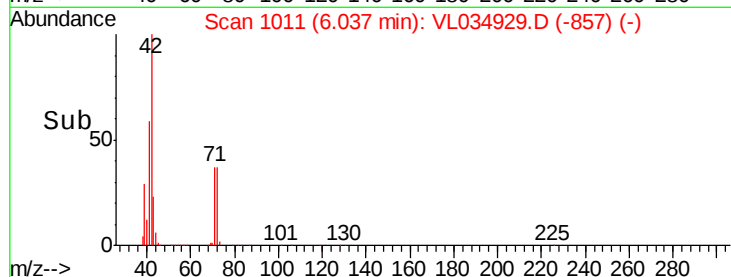
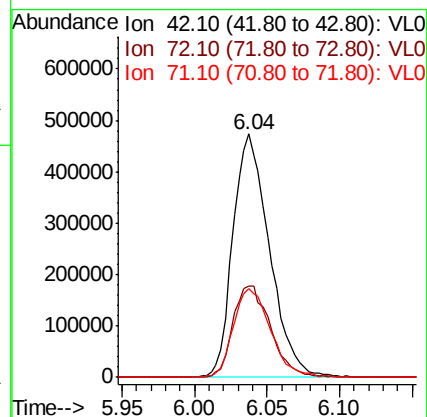
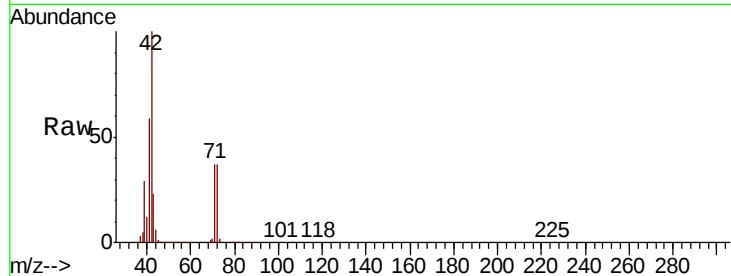
ClientSampleId :

VL0323ABS01

Tot Ion:	42	Resp:	826930
Ion Ratio		Lower	Upper
42	100		
72	38.8	30.8	46.2
71	37.5	30.1	45.1

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#42

Bromodichloromethane

Concen: 10.878 ppbv

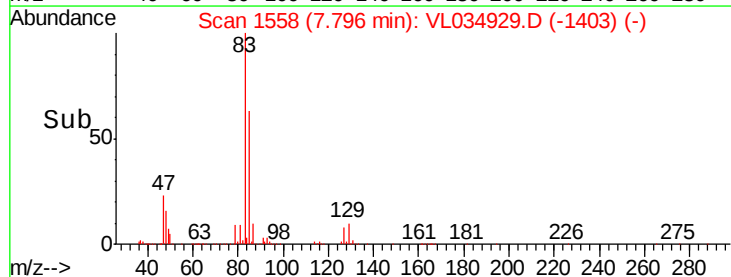
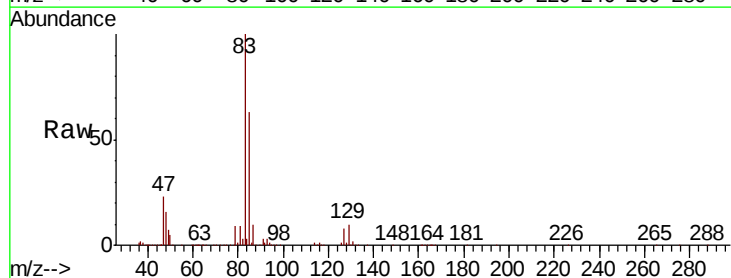
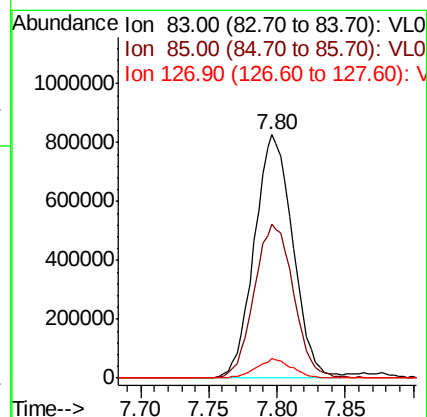
RT: 7.80 min Scan# 1558

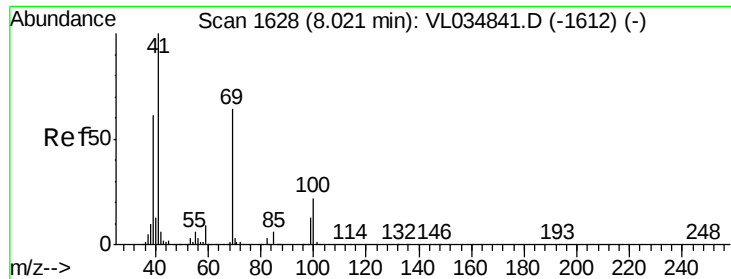
Delta R.T. -0.00 min

Lab File: VL034929.D

Acq: 23 Mar 2020 13:57

Tgt Ion:	83	Resp:	1620465
Ion Ratio		Lower	Upper
83	100		
85	63.5	51.4	77.2
127	8.0	6.2	9.4





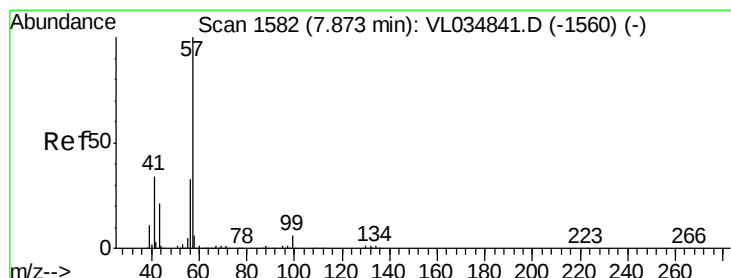
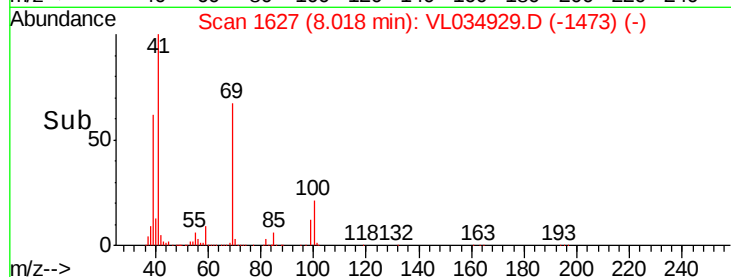
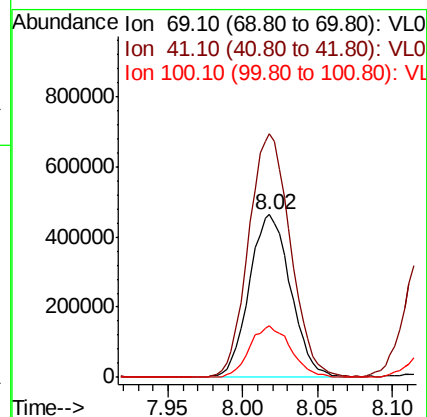
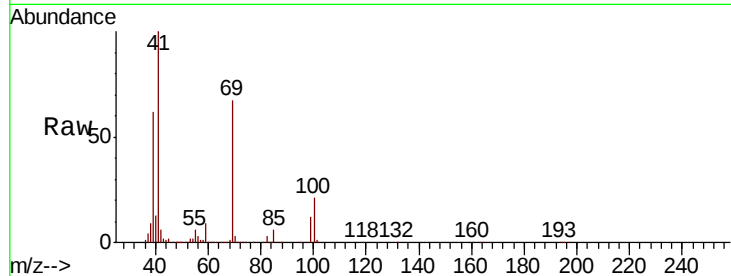
#43
Methyl Methacrylate
Concen: 10.936 ppbv
RT: 8.02 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VL034929.D
Acq: 23 Mar 2020 13:57

Instrument :
MSVOA_L
ClientSampleId :
VL0323ABS01

Tot Ion	Ion	Ratio	Lower	Upper
69	100			
41	151.0	123.2	184.8	
100	31.7	26.9	40.3	

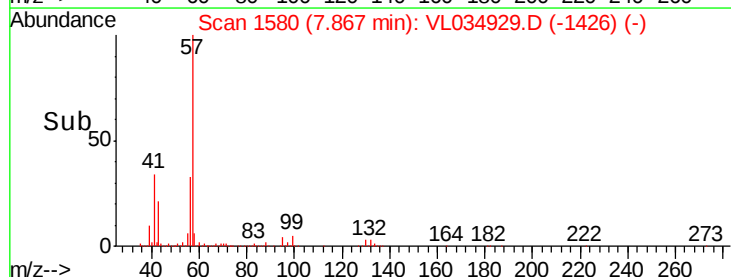
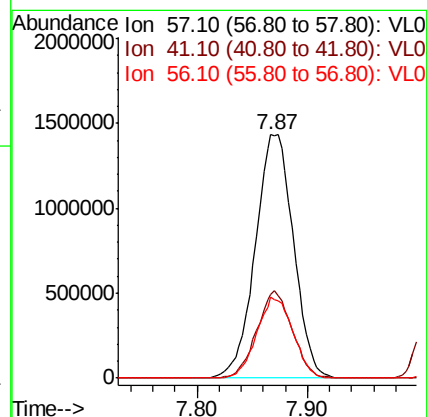
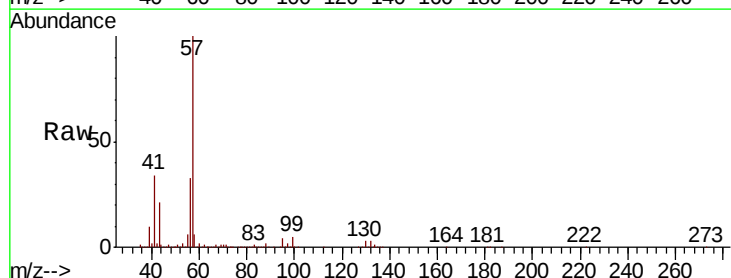
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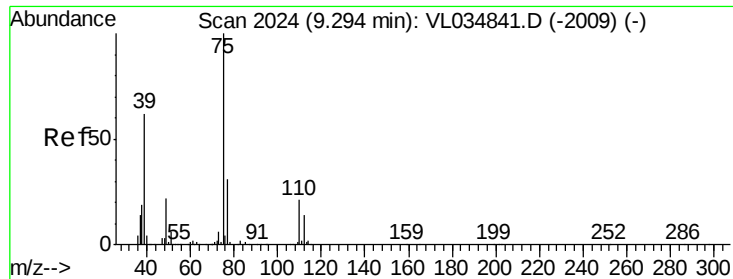
apatel
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#44
2,2,4-Trimethylpentane
Concen: 10.496 ppbv
RT: 7.87 min Scan# 1580
Delta R.T. -0.01 min
Lab File: VL034929.D
Acq: 23 Mar 2020 13:57

Tgt Ion	Ion	Ratio	Lower	Upper
57	100			
41	33.2	26.2	39.4	
56	31.5	25.0	37.4	





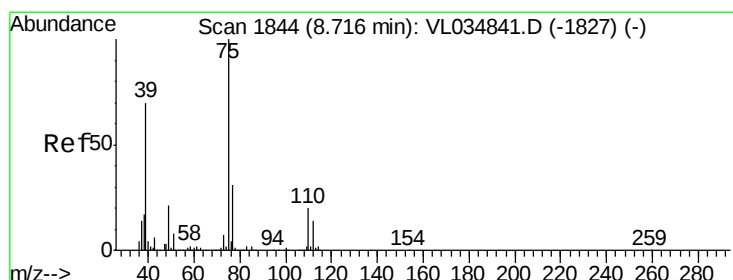
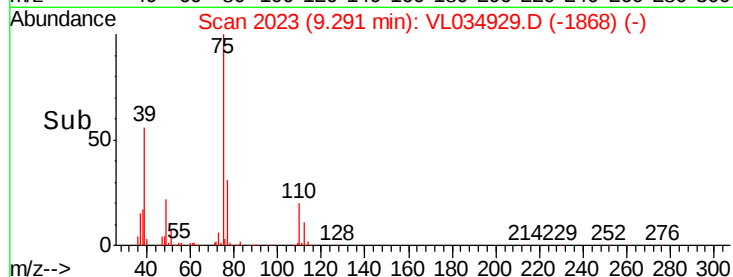
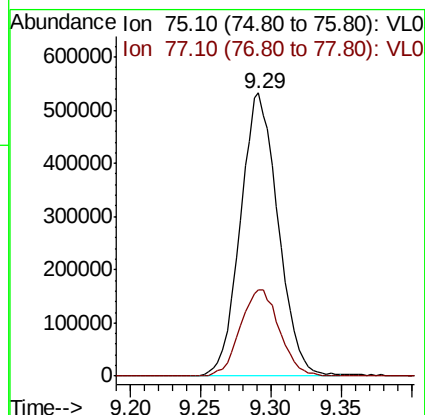
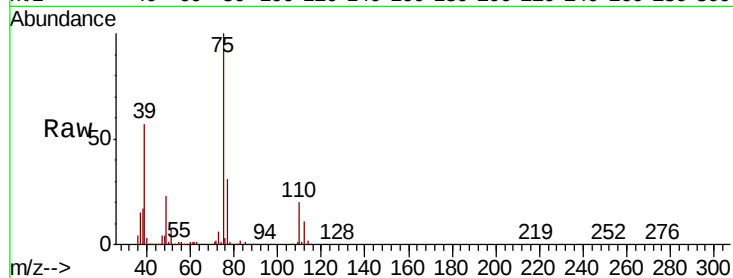
#45
t-1,3-Dichloropropene
Concen: 10.389 ppbv
RT: 9.29 min Scan# 2023
Delta R.T. -0.00 min
Lab File: VL034929.D
Acq: 23 Mar 2020 13:57

Instrument :
MSVOA_L
ClientSampleId :
VL0323ABS01

Tot Ion: 75 Resp: 996764
Ion Ratio Lower Upper
75 100
77 30.5 24.6 37.0

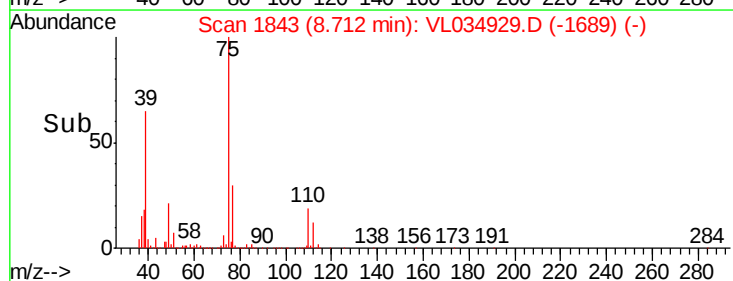
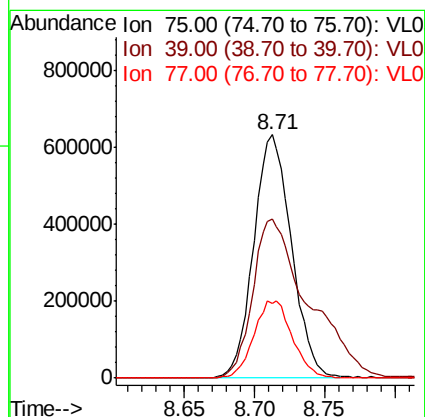
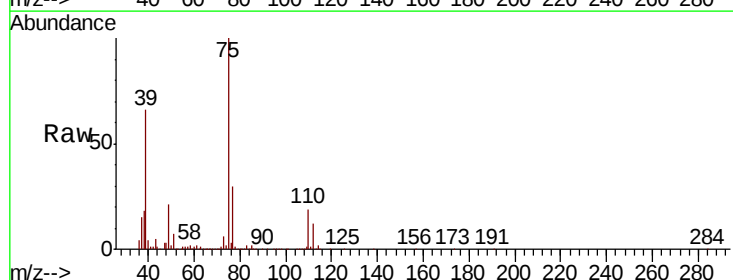
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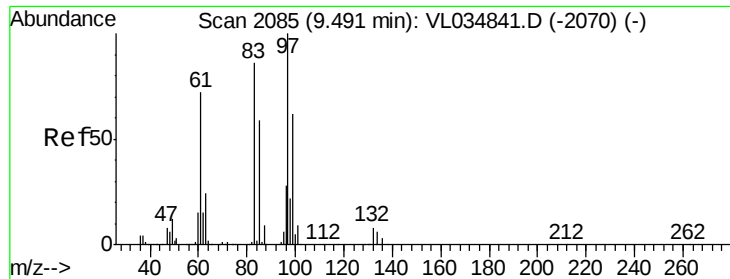
apatel
3/25/2020 11:54:09 AM



#46
cis-1,3-Dichloropropene
Concen: 10.378 ppbv
RT: 8.71 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VL034929.D
Acq: 23 Mar 2020 13:57

Tgt Ion: 75 Resp: 1183201
Ion Ratio Lower Upper
75 100
39 65.4 55.7 83.5
77 30.4 24.7 37.1





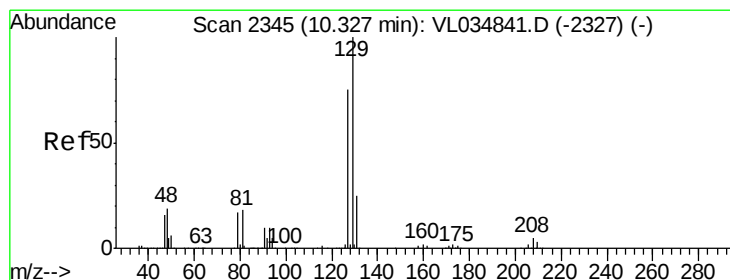
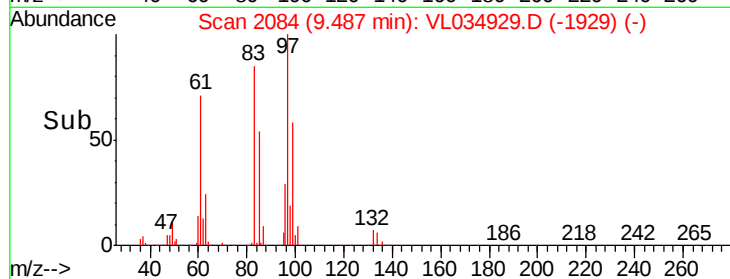
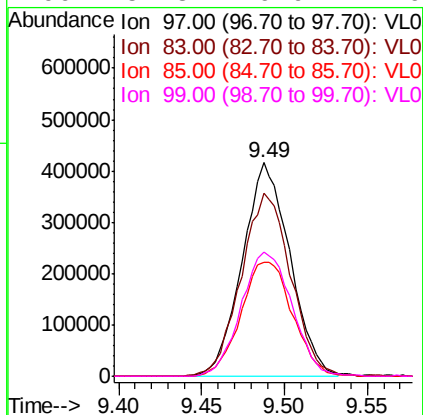
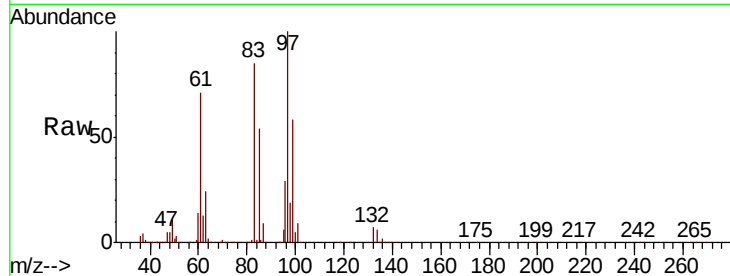
#47
 1,1,2-Trichloroethane
 Concen: 10.454 ppbv
 RT: 9.49 min Scan# 2084
 Delta R.T. -0.00 min
 Lab File: VL034929.D
 Acq: 23 Mar 2020 13:57

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0323ABS01

Tot Ion	Ion	Ratio	Lower	Upper
97	100			
83	85.4	68.6	102.8	
85	53.8	46.9	70.3	
99	57.8	49.9	74.9	

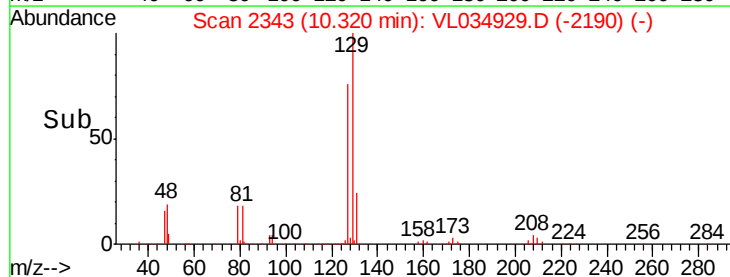
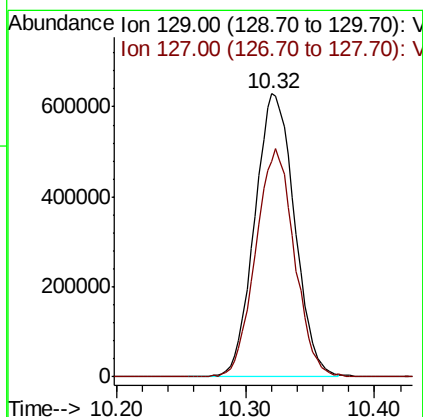
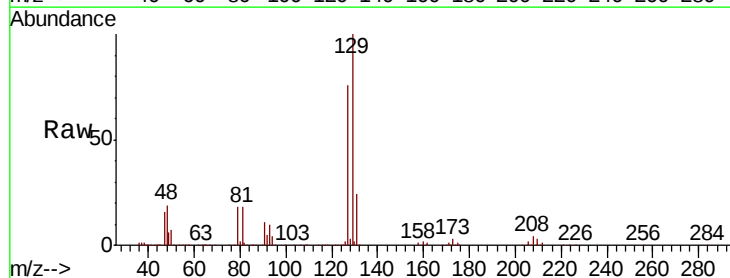
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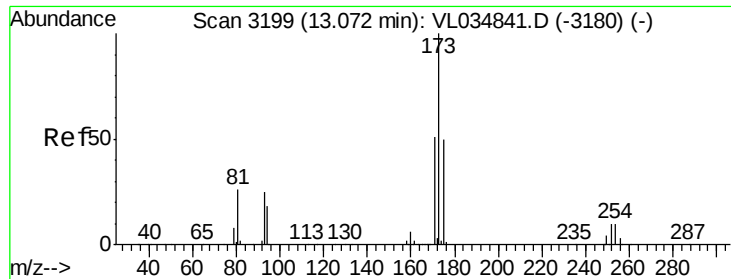
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#48
 Dibromochloromethane
 Concen: 10.627 ppbv
 RT: 10.32 min Scan# 2343
 Delta R.T. -0.01 min
 Lab File: VL034929.D
 Acq: 23 Mar 2020 13:57

Tgt Ion	Ion	Ratio	Lower	Upper
129	100			
127	78.4	39.6	118.7	





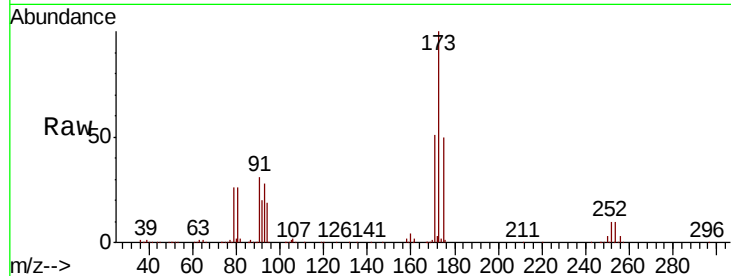
#49
Bromoform
Concen: 10.696 ppbv
RT: 13.07 min Scan# 3197
Delta R.T. -0.01 min
Lab File: VL034929.D
Acq: 23 Mar 2020 13:57

Instrument :
MSVOA_L
ClientSampleId :
VL0323ABS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.1	39.6	59.4
171	51.3	41.0	61.6

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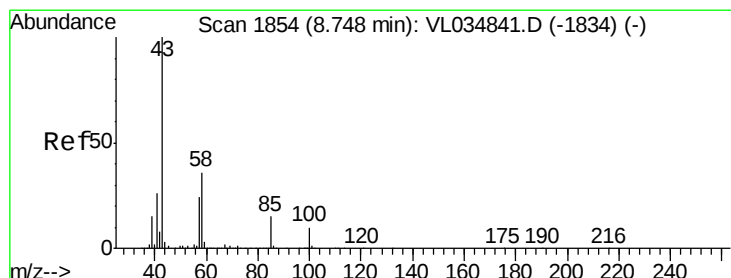
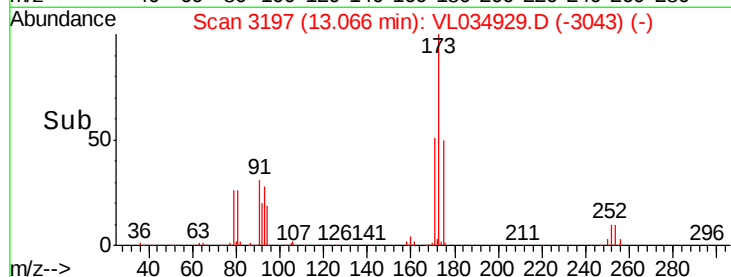
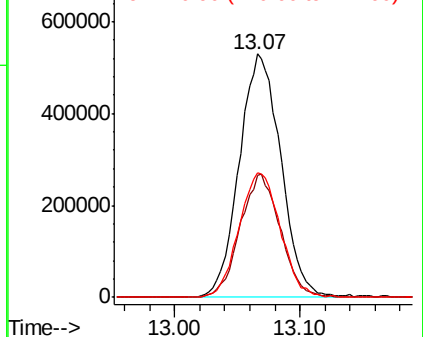


Abundance

Ion 172.90 (172.60 to 173.60): V

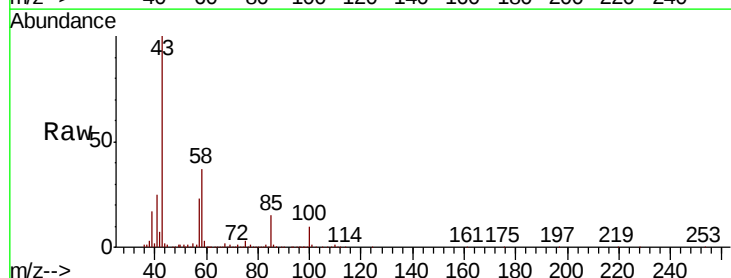
Ion 174.90 (174.60 to 175.60): V

Ion 170.90 (170.60 to 171.60): V



#50
4-Methyl-2-Pentanone
Concen: 10.738 ppbv
RT: 8.74 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VL034929.D
Acq: 23 Mar 2020 13:57

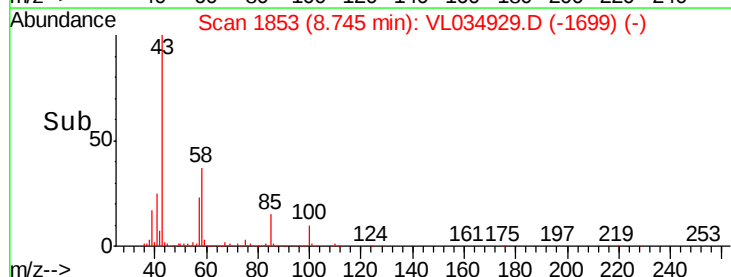
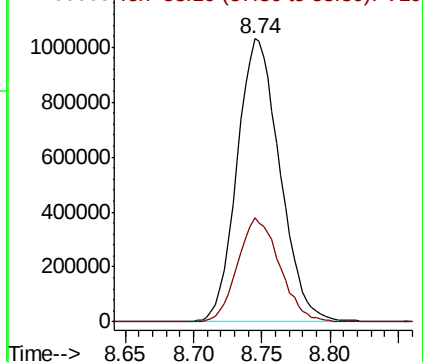
Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.3	28.6	42.8

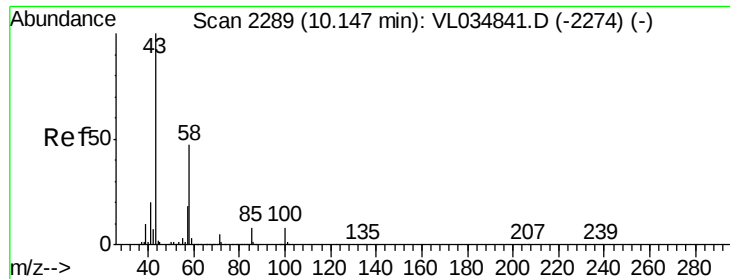


Abundance

Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





#51

2-Hexanone

Concen: 10.852 ppbv

RT: 10.15 min Scan# 2289

Delta R.T. -0.00 min

Lab File: VL034929.D

Acq: 23 Mar 2020 13:57

Instrument :

MSVOA_L

ClientSampleId :

VL0323ABS01

Tot Ion: 43 Resp: 1834872

Ion Ratio Lower Upper

43 100

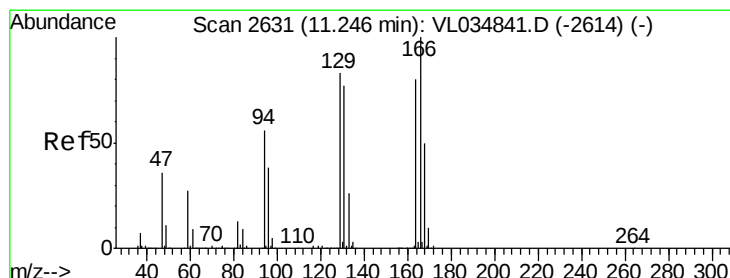
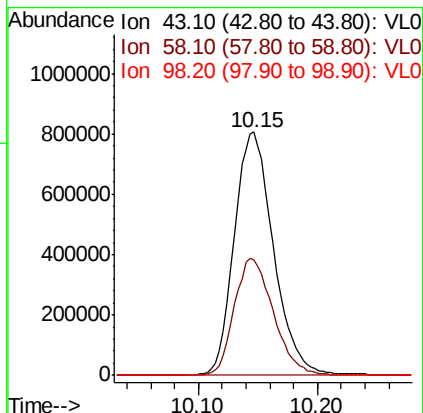
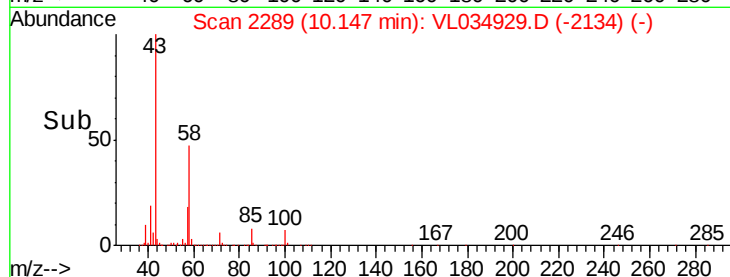
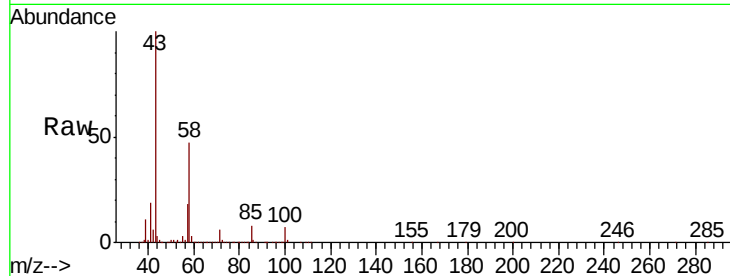
58 48.3 38.6 58.0

98 0.4 0.1 0.1#

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#52

Tetrachloroethene

Concen: 9.092 ppbv

RT: 11.24 min Scan# 2629

Delta R.T. -0.01 min

Lab File: VL034929.D

Acq: 23 Mar 2020 13:57

Tgt Ion: 164 Resp: 697266

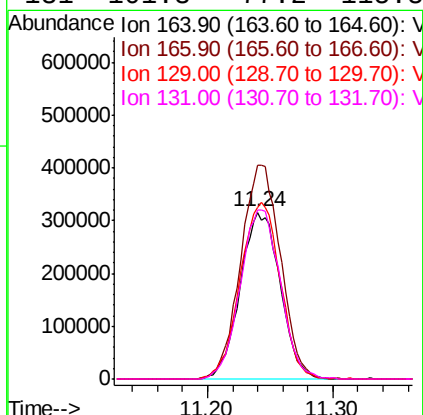
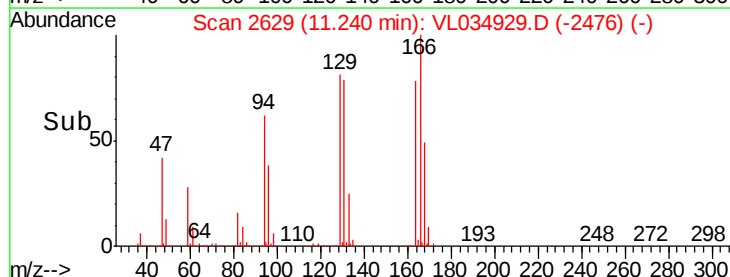
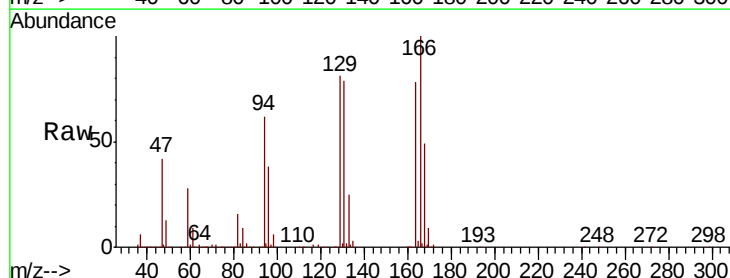
Ion Ratio Lower Upper

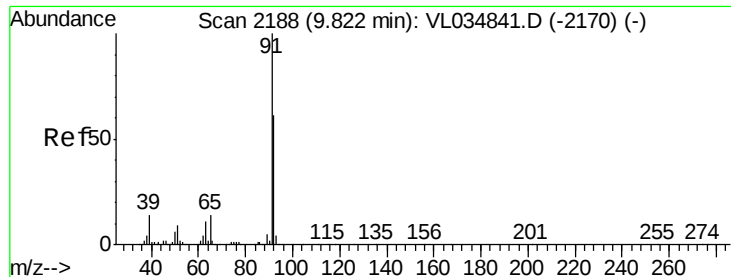
164 100

166 128.0 100.0 150.0

129 103.0 83.1 124.7

131 101.3 77.2 115.8





#53

Toluene

Concen: 10.312 ppbv

RT: 9.82 min Scan# 2188

Delta R.T. -0.00 min

Lab File: VL034929.D

Acq: 23 Mar 2020 13:57

Instrument :

MSVOA_L

ClientSampleId :

VL0323ABS01

Tot Ion: 91 Resp: 2308336

Ion Ratio Lower Upper

91 100

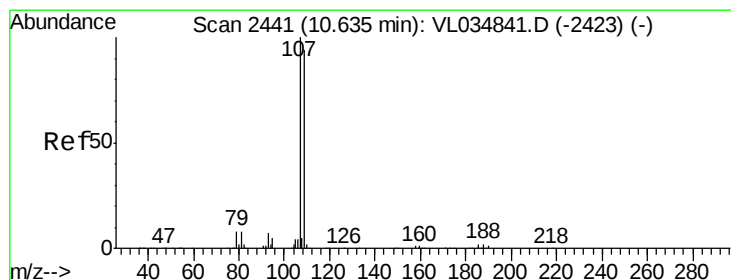
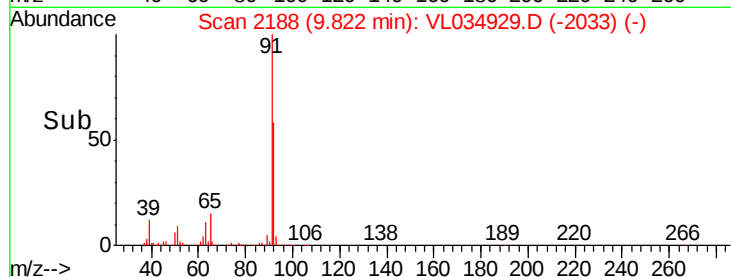
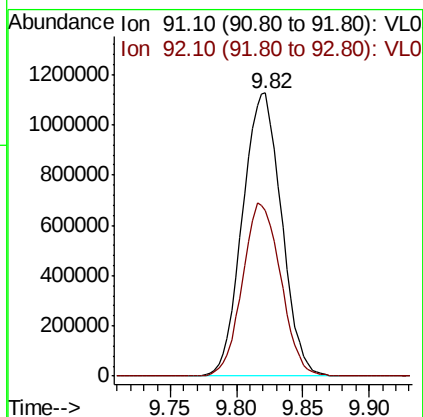
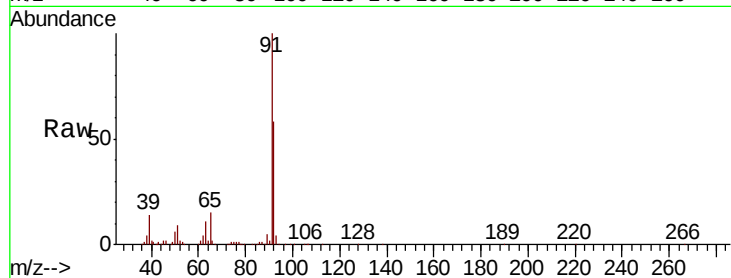
92 60.1 48.6 72.8

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#54

1,2-Dibromoethane

Concen: 10.439 ppbv

RT: 10.63 min Scan# 2439

Delta R.T. -0.01 min

Lab File: VL034929.D

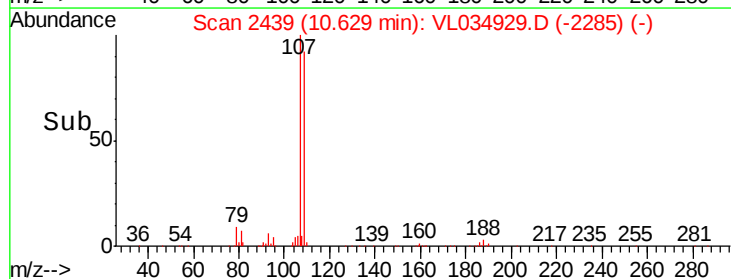
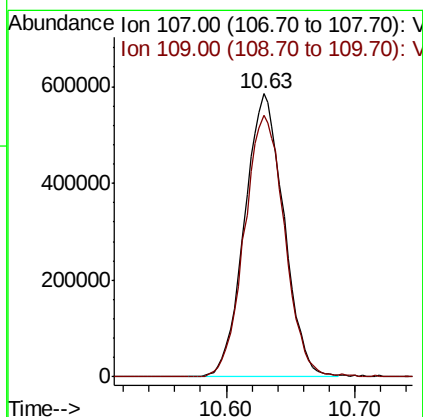
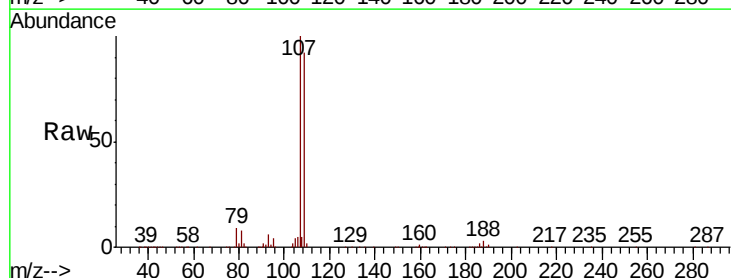
Acq: 23 Mar 2020 13:57

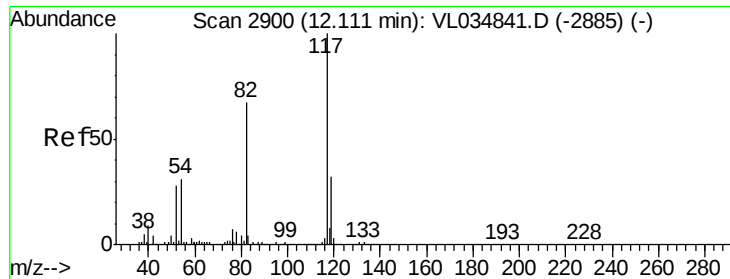
Tgt Ion: 107 Resp: 1238544

Ion Ratio Lower Upper

107 100

109 92.5 74.9 112.3





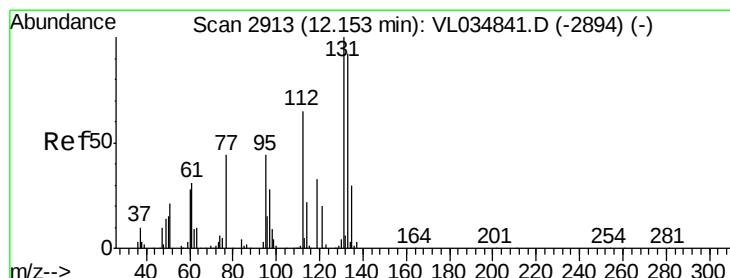
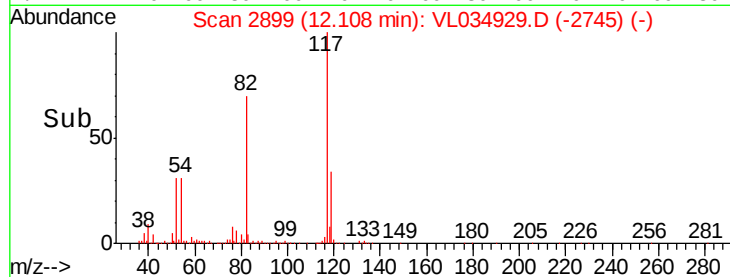
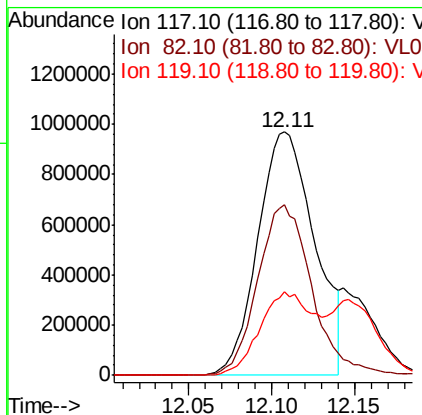
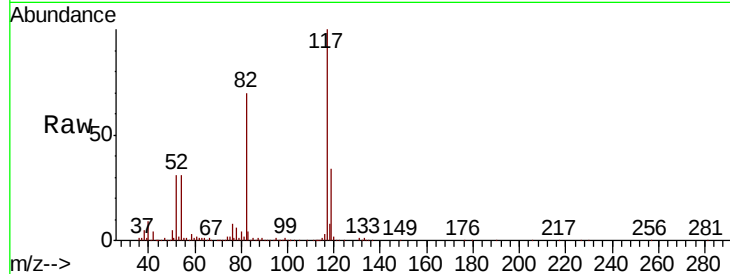
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2899
Delta R.T. -0.00 min
Lab File: VL034929.D
Acq: 23 Mar 2020 13:57

Instrument :
MSVOA_L
ClientSampleId :
VL0323ABS01

Tot Ion:117 Resp: 2317262
Ion Ratio Lower Upper
117 100
82 67.2 51.1 76.7
119 30.3 27.3 40.9

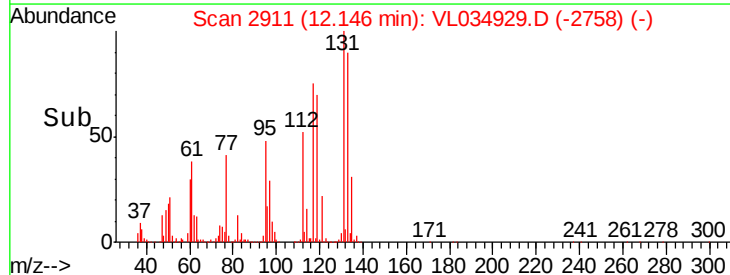
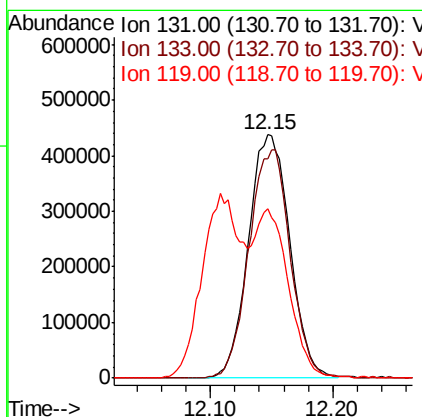
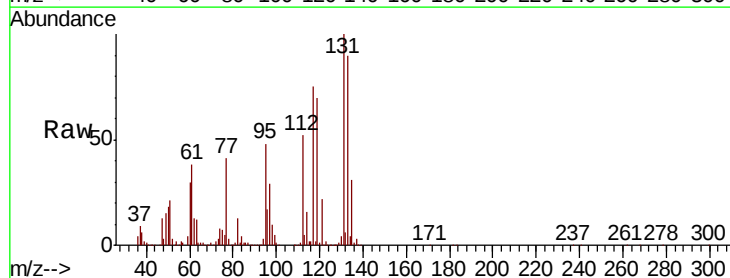
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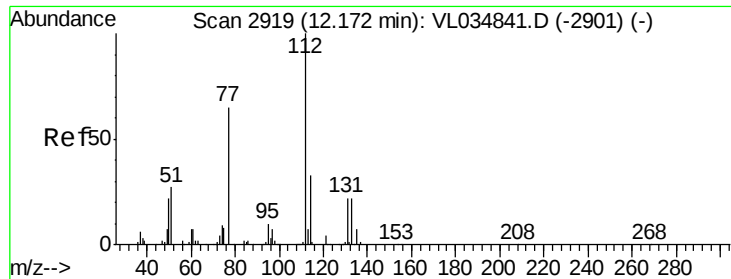
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#56
1,1,1,2-Tetrachloroethane
Concen: 9.839 ppbv
RT: 12.15 min Scan# 2911
Delta R.T. -0.01 min
Lab File: VL034929.D
Acq: 23 Mar 2020 13:57

Tgt Ion:131 Resp: 1024190
Ion Ratio Lower Upper
131 100
133 94.4 76.0 114.0
119 54.8 47.8 71.8





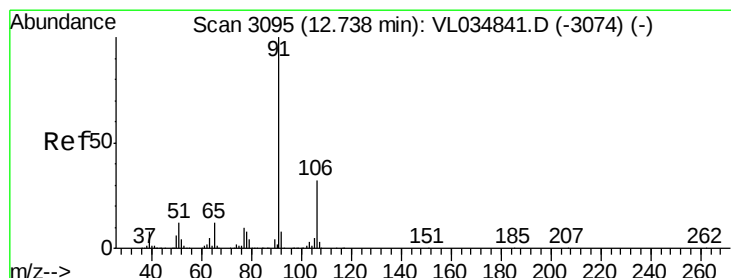
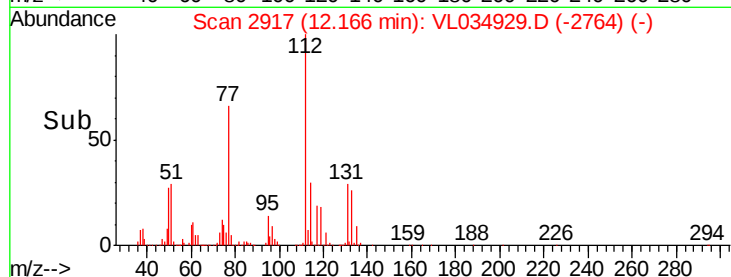
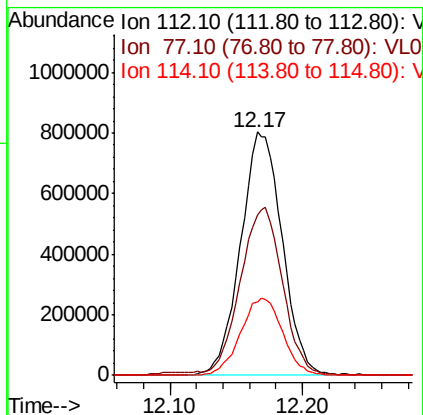
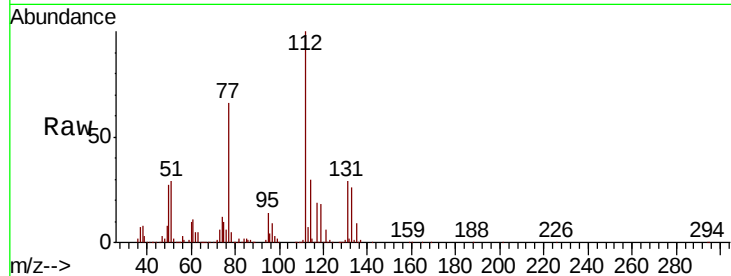
#57
Chlorobenzene
Concen: 9.631 ppbv
RT: 12.17 min Scan# 2917
Delta R.T. -0.01 min
Lab File: VL034929.D
Acq: 23 Mar 2020 13:57

Instrument :
MSVOA_L
ClientSampleId :
VL0323ABS01

Tot Ion	Ratio	Lower	Upper
112	100		
77	65.5	53.0	79.6
114	29.9	29.5	36.1

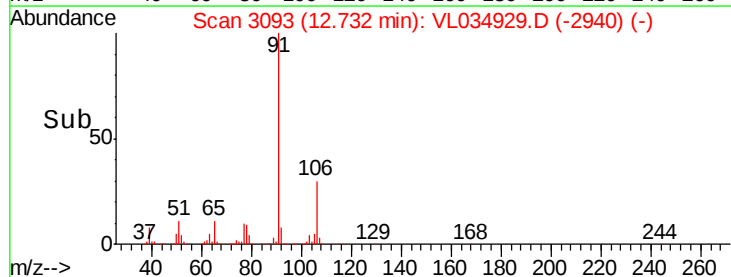
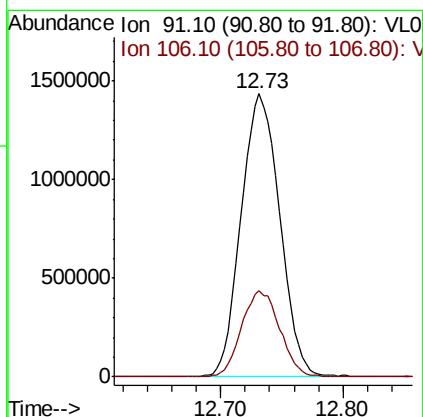
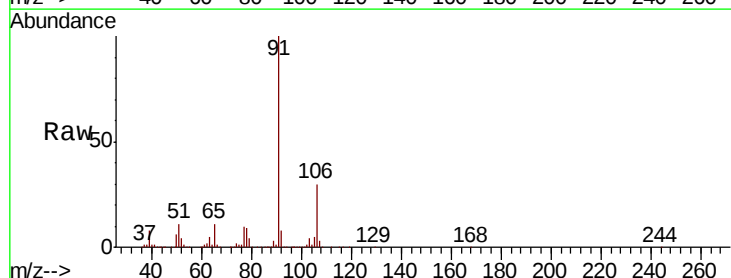
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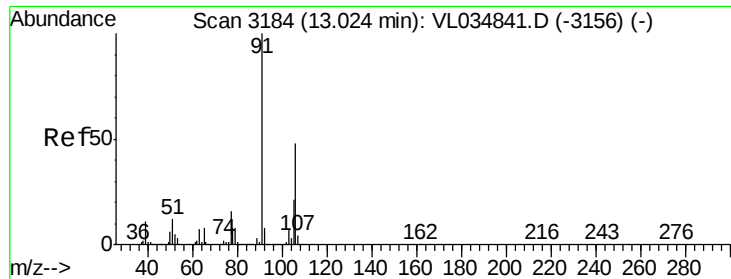
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#58
Ethyl Benzene
Concen: 10.026 ppbv
RT: 12.73 min Scan# 3093
Delta R.T. -0.01 min
Lab File: VL034929.D
Acq: 23 Mar 2020 13:57

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.3	25.8	38.6





#59

m/p-Xylene

Concen: 19.444 ppbv m

RT: 13.02 min Scan# 3182

Delta R.T. -0.01 min

Lab File: VL034929.D

Acq: 23 Mar 2020 13:57

Instrument :

MSVOA_L

ClientSampleId :

VL0323ABS01

Tot Ion: 91 Resp: 5111938

Ion Ratio Lower Upper

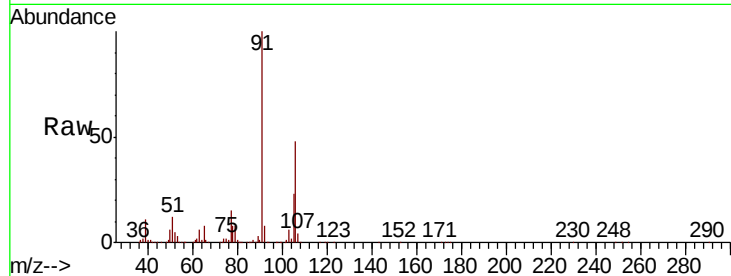
91 100

106 46.2 37.1 55.7

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Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V

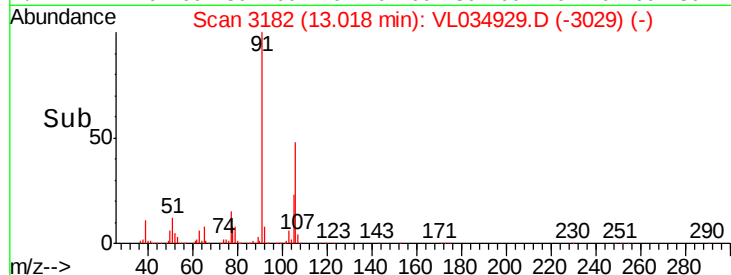
1500000

1000000

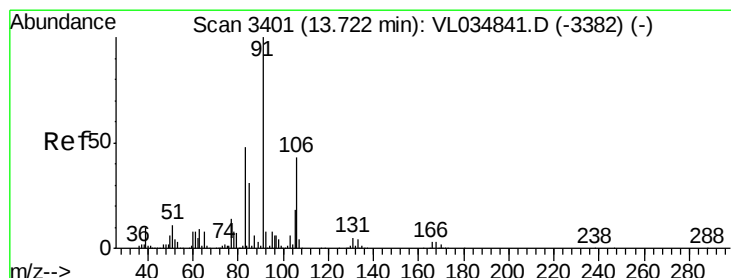
500000

0

Time-->



Time-->



#60

o-Xylene

Concen: 10.018 ppbv

RT: 13.72 min Scan# 3399

Delta R.T. -0.01 min

Lab File: VL034929.D

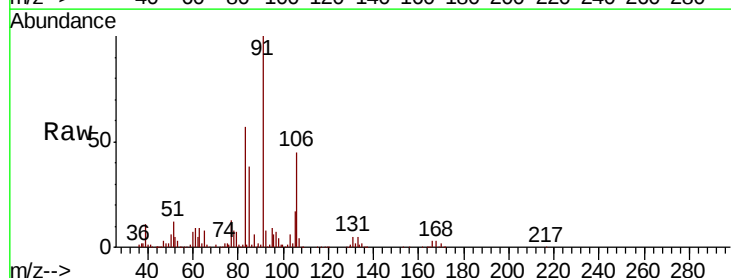
Acq: 23 Mar 2020 13:57

Tgt Ion: 91 Resp: 2571610

Ion Ratio Lower Upper

91 100

106 44.3 22.5 67.5



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V

1200000

1000000

800000

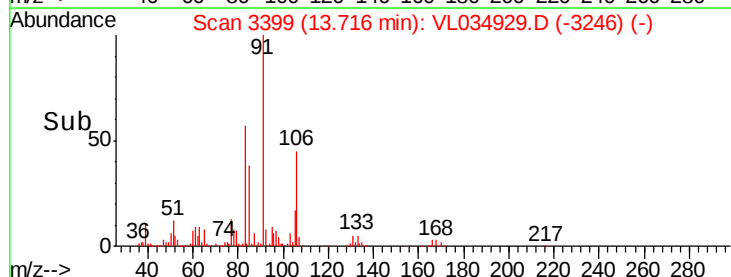
600000

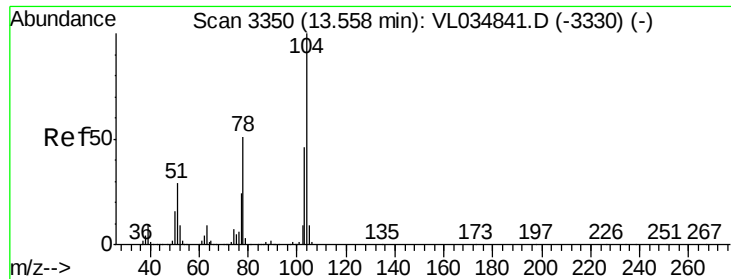
400000

200000

0

Time-->





#61

Stvrene

Concen: 10.324 ppbv

RT: 13.55 min Scan# 3348

Delta R.T. -0.01 min

Lab File: VL034929.D

Acq: 23 Mar 2020 13:57

Instrument :

MSVOA_L

ClientSampleId :

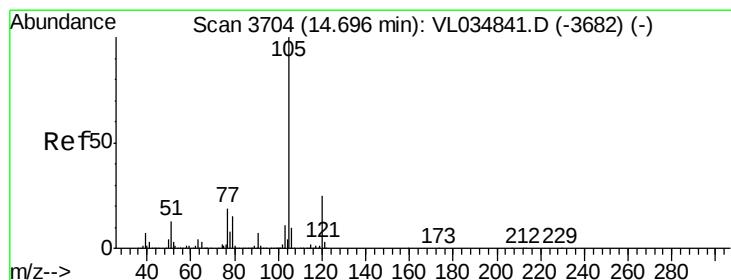
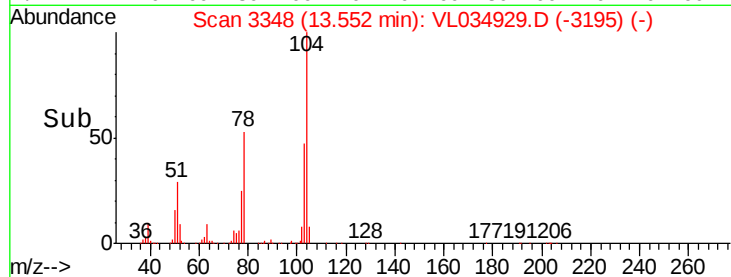
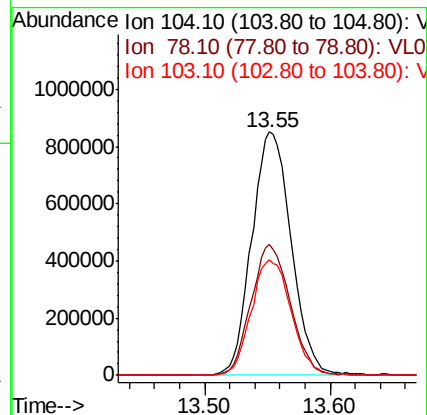
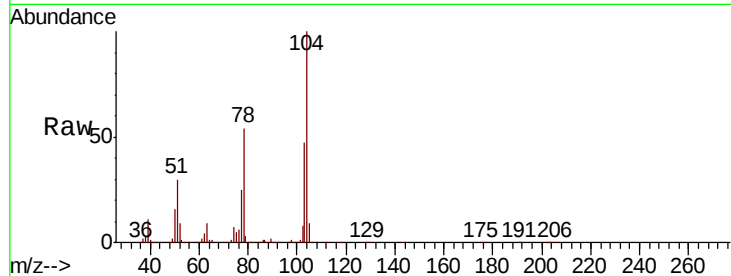
VL0323ABS01

Tot Ion:104 Resp: 1859840

Ion	Ratio	Lower	Upper
104	100		
78	53.7	41.8	62.6
103	48.2	37.8	56.6

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#62

Isopropylbenzene

Concen: 9.768 ppbv

RT: 14.69 min Scan# 3703

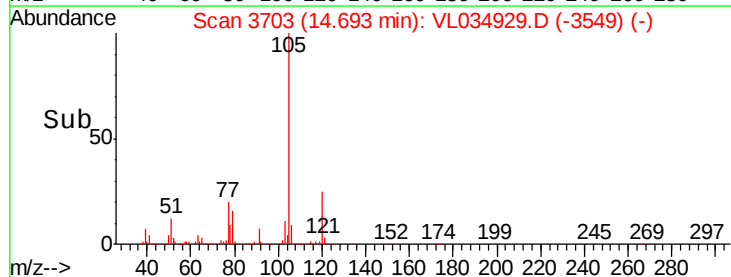
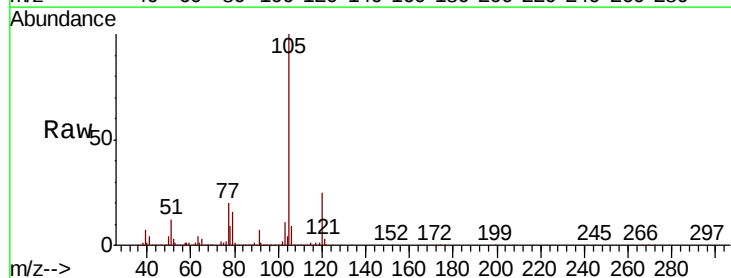
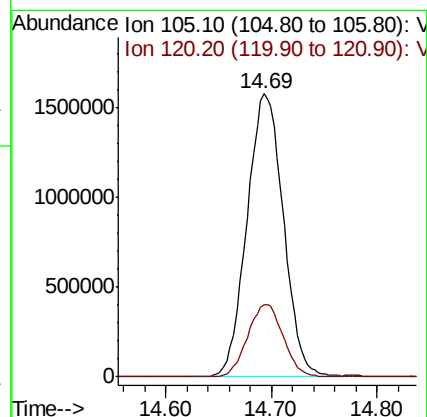
Delta R.T. -0.00 min

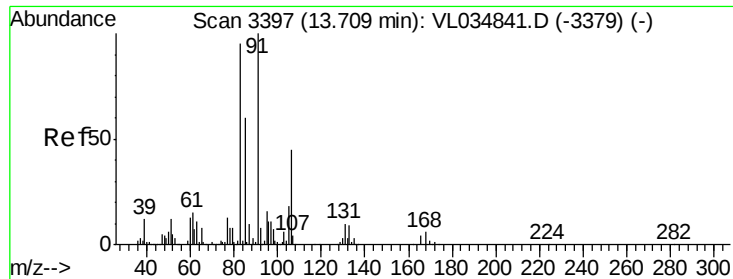
Lab File: VL034929.D

Acq: 23 Mar 2020 13:57

Tgt Ion:105 Resp: 3791389

Ion	Ratio	Lower	Upper
105	100		
120	25.2	21.0	31.4





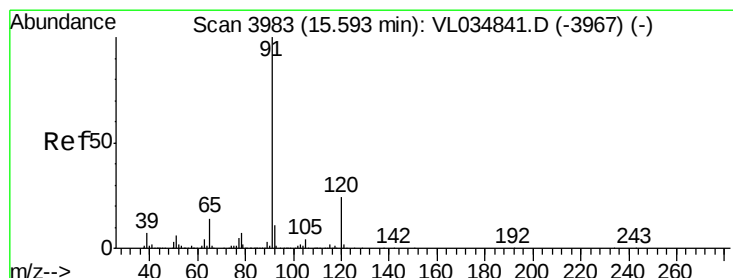
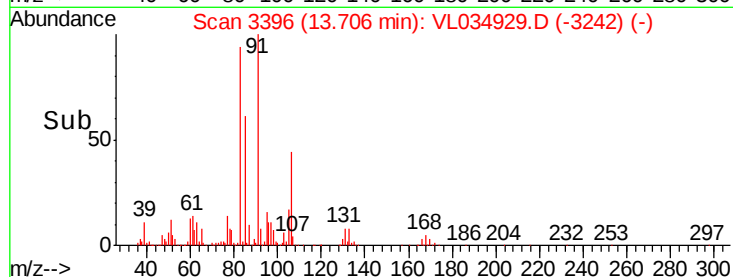
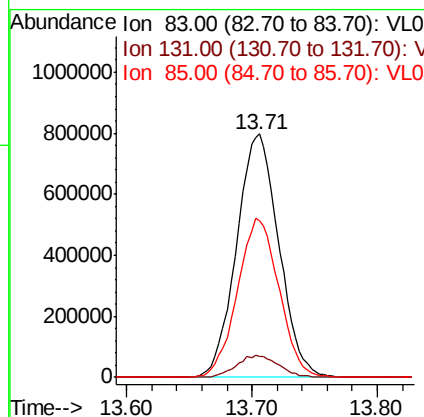
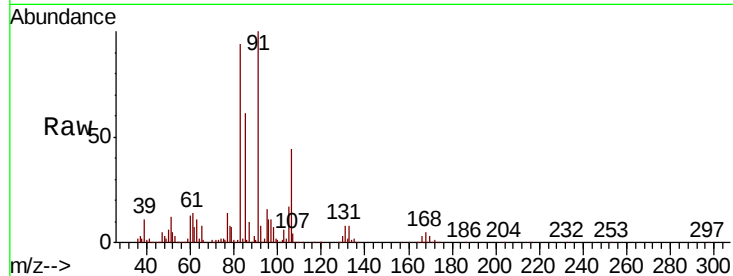
#63
 1,1,2,2-Tetrachloroethane
 Concen: 10.654 ppbv
 RT: 13.71 min Scan# 3396
 Delta R.T. -0.00 min
 Lab File: VL034929.D
 Acq: 23 Mar 2020 13:57

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0323ABS01

Tot Ion	83	Resp	1856695
Ion Ratio	100	Lower	Upper
83	100		
131	9.1	5.0	14.9
85	65.0	32.4	97.2

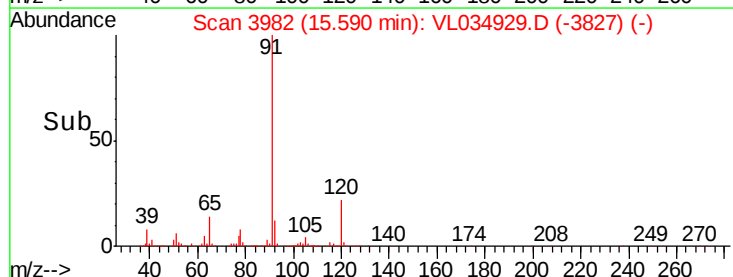
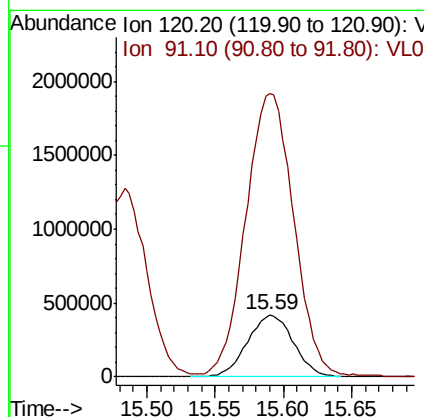
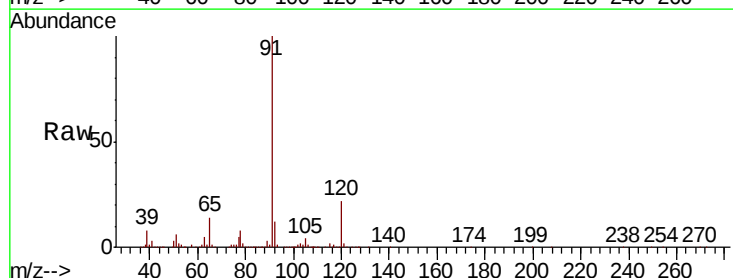
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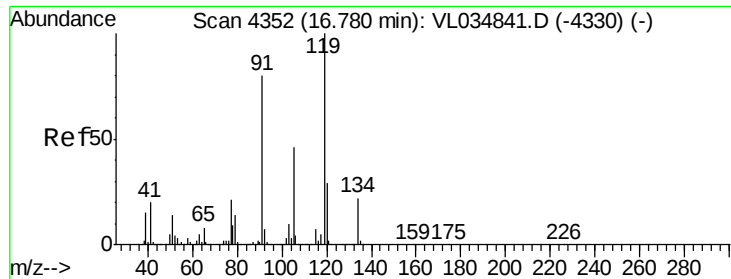
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#64
 n-propylbenzene
 Concen: 9.740 ppbv
 RT: 15.59 min Scan# 3982
 Delta R.T. -0.00 min
 Lab File: VL034929.D
 Acq: 23 Mar 2020 13:57

Tgt Ion	120	Resp	983980
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
120	100		
91	479.4	360.9	541.3





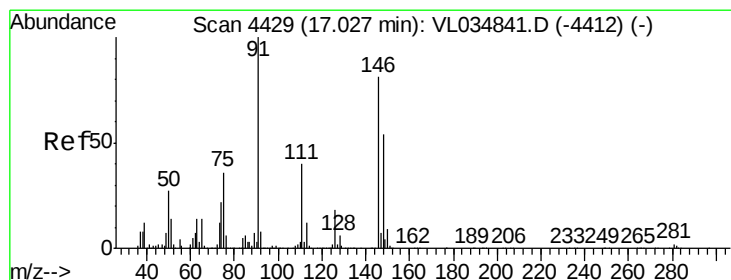
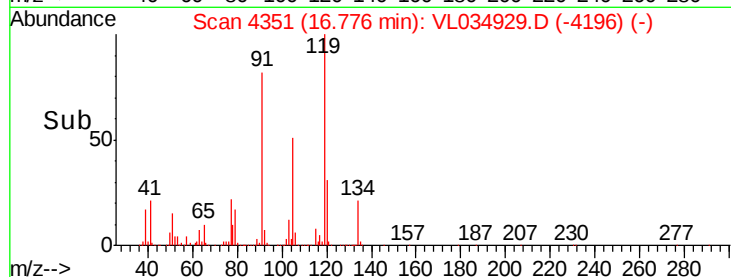
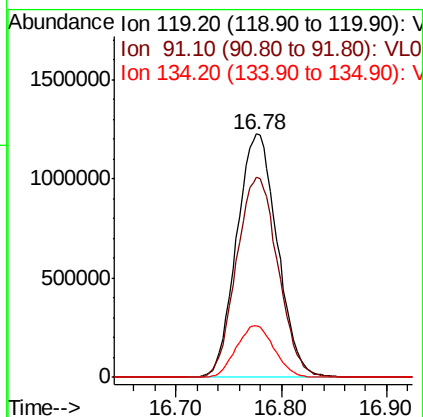
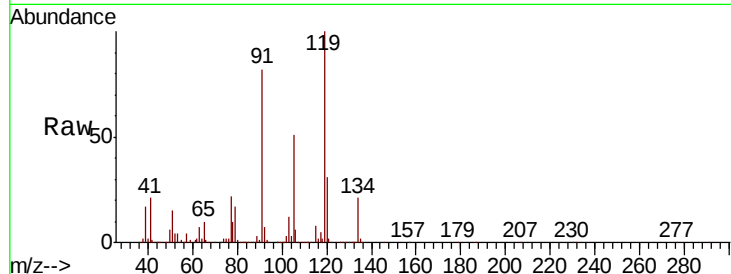
#65
tert-Butylbenzene
Concen: 9.648 ppbv
RT: 16.78 min Scan# 4351
Delta R.T. -0.00 min
Lab File: VL034929.D
Acq: 23 Mar 2020 13:57

Instrument :
MSVOA_L
ClientSampleId :
VL0323ABS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	84.3	64.9	97.3
134	19.8	15.9	23.9

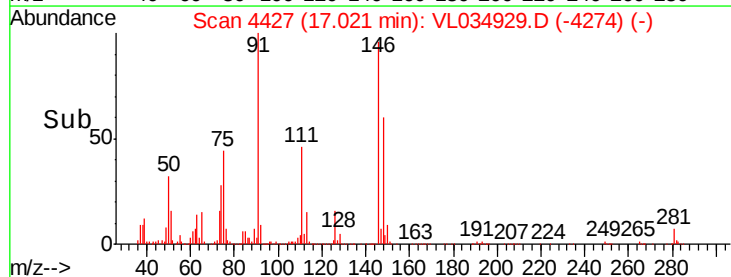
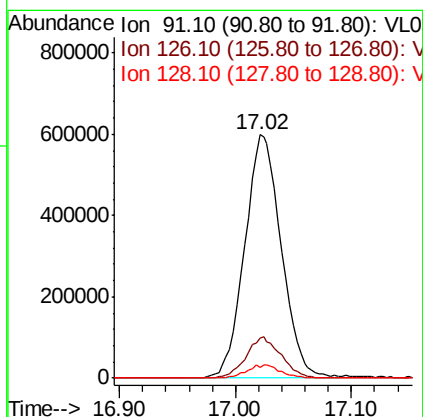
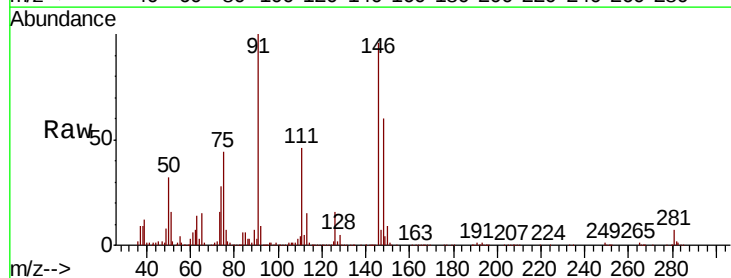
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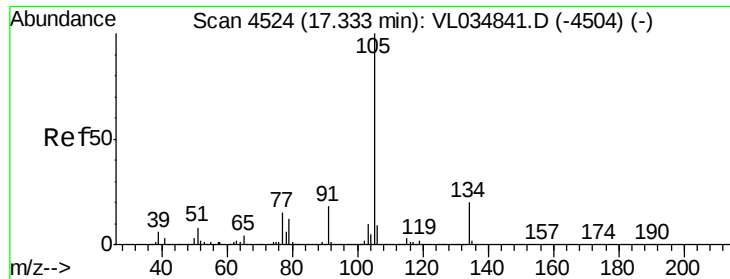
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#66
Benzyl Chloride
Concen: 9.260 ppbv
RT: 17.02 min Scan# 4427
Delta R.T. -0.01 min
Lab File: VL034929.D
Acq: 23 Mar 2020 13:57

Tgt Ion	Ratio	Lower	Upper
91	100		
126	16.2	14.7	22.1
128	5.1	4.7	7.1





#67

sec-Butylbenzene

Concen: 10.080 ppbv

RT: 17.33 min Scan# 4522

Delta R.T. -0.01 min

Lab File: VL034929.D

Acq: 23 Mar 2020 13:57

Instrument :

MSVOA_L

ClientSampleId :

VL0323ABS01

Tot Ion: 105 Resp: 4742553

Ion Ratio Lower Upper

105 100

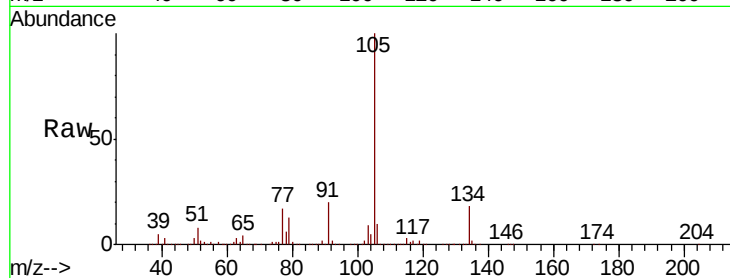
134 18.4 15.0 22.6

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Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V

17.33

2000000

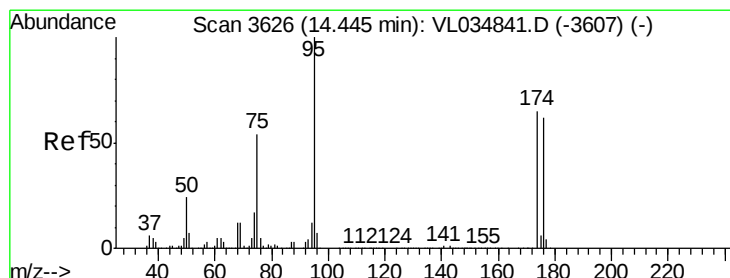
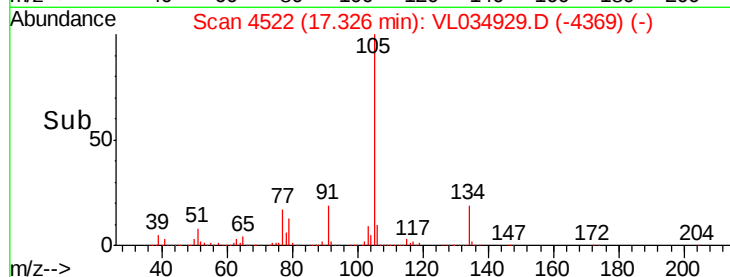
1500000

1000000

500000

0

Time--> 17.20 17.30 17.40



#68

1-Bromo-4-Fluorobenzene

Concen: 10.332 ppbv

RT: 14.44 min Scan# 3625

Delta R.T. -0.00 min

Lab File: VL034929.D

Acq: 23 Mar 2020 13:57

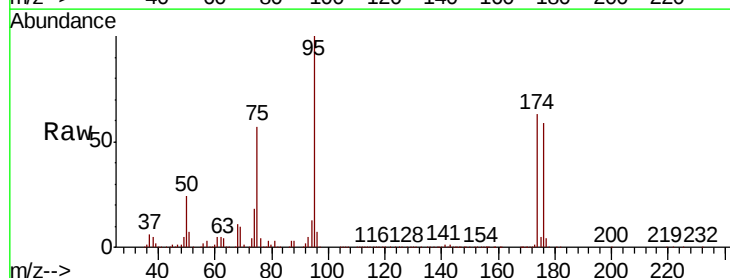
Tgt Ion: 95 Resp: 1867248

Ion Ratio Lower Upper

95 100

174 64.4 55.2 82.8

175 4.7 4.3 6.5



Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

1000000

800000

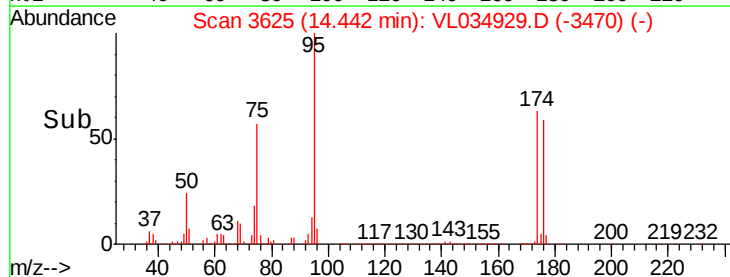
600000

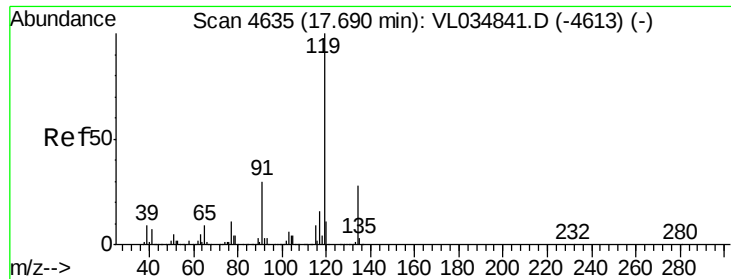
400000

200000

0

Time--> 14.40 14.50





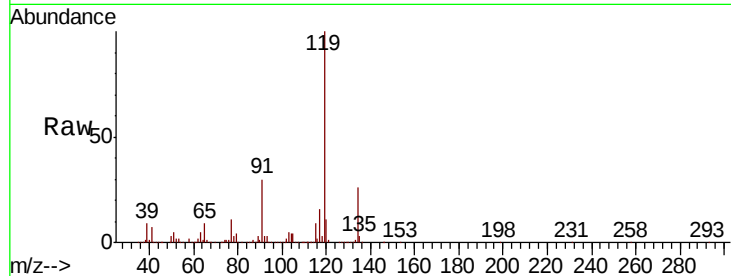
#69
 p-Isopropyltoluene
 Concen: 10.001 ppbv
 RT: 17.69 min Scan# 4634
 Delta R.T. -0.00 min
 Lab File: VL034929.D
 Acq: 23 Mar 2020 13:57

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0323ABS01

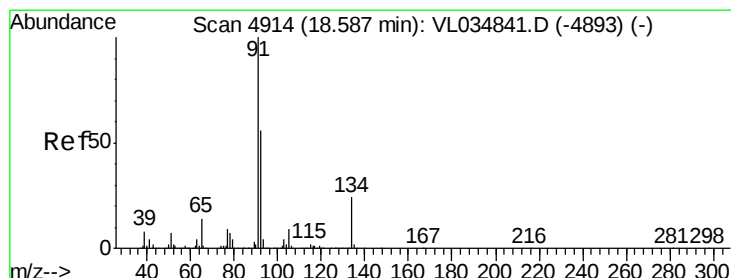
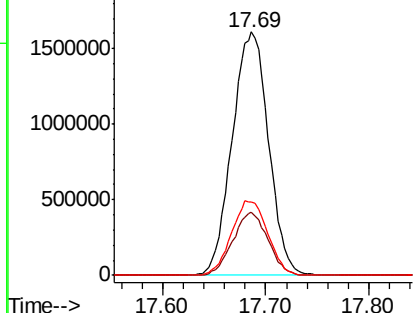
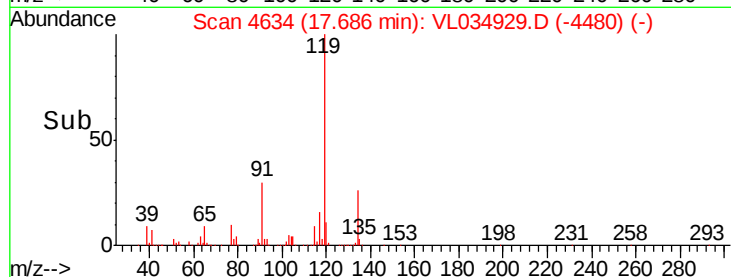
Tot Ion	Ratio	Lower	Upper
119	100		
134	25.2	20.6	30.8
91	30.6	23.4	35.2

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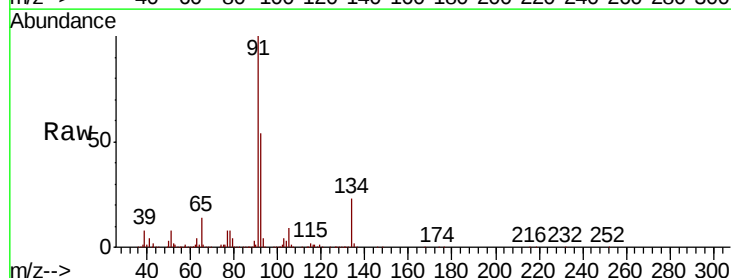


Abundance Ion 119.10 (118.80 to 119.80): V
 Ion 134.20 (133.90 to 134.90): V
 Ion 91.10 (90.80 to 91.80): V

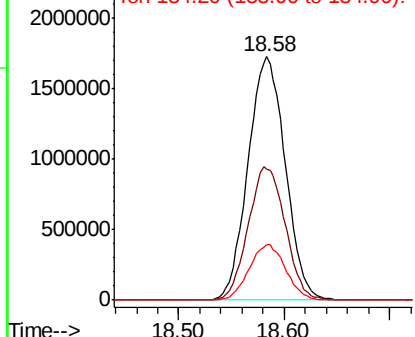
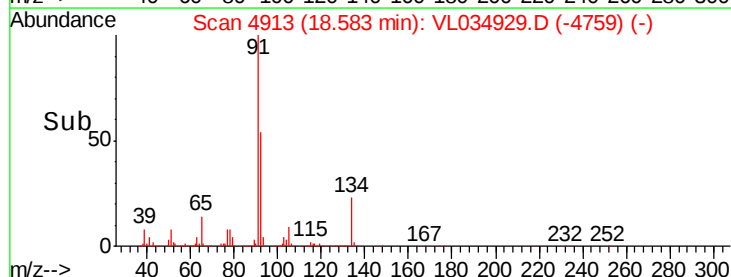


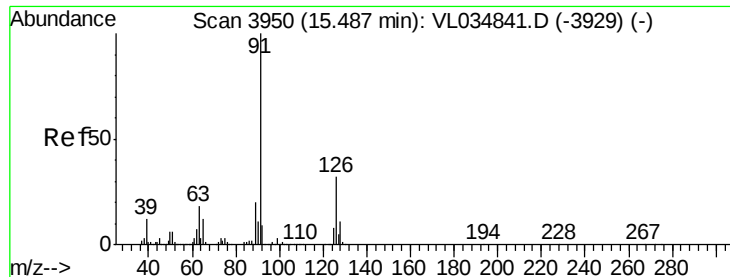
#70
 n-Butylbenzene
 Concen: 10.505 ppbv
 RT: 18.58 min Scan# 4913
 Delta R.T. -0.00 min
 Lab File: VL034929.D
 Acq: 23 Mar 2020 13:57

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.5	43.8	65.6
134	22.4	19.0	28.4



Abundance Ion 91.10 (90.80 to 91.80): V
 Ion 92.10 (91.80 to 92.80): V
 Ion 134.20 (133.90 to 134.90): V





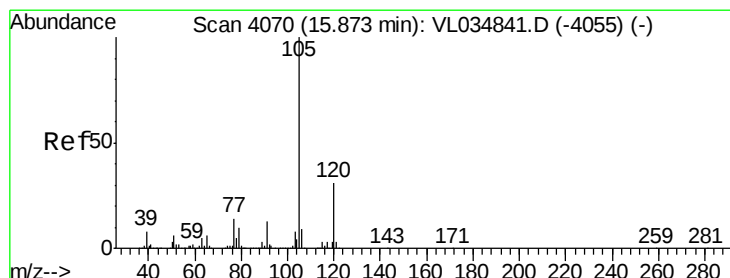
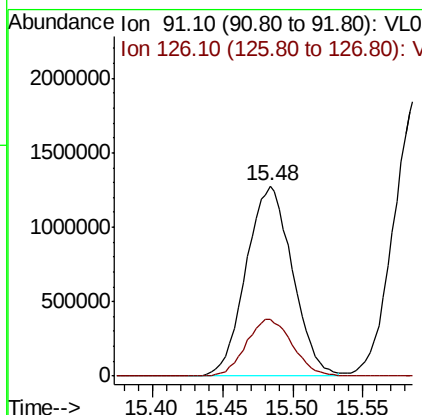
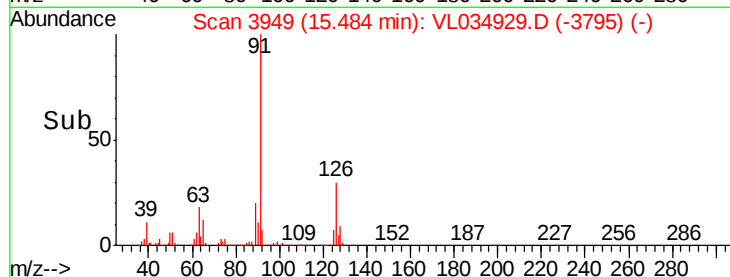
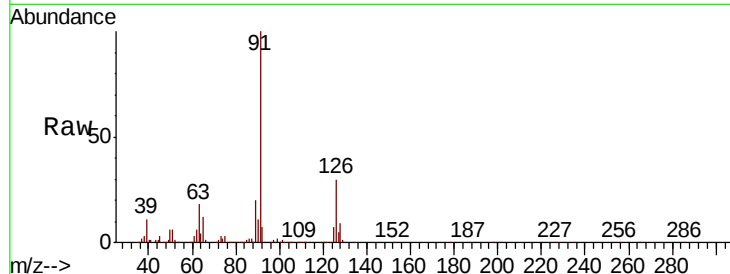
#71
2-Chlorotoluene
Concen: 9.983 ppbv
RT: 15.48 min Scan# 3949
Delta R.T. -0.00 min
Lab File: VL034929.D
Acq: 23 Mar 2020 13:57

Instrument :
MSVOA_L
ClientSampleId :
VL0323ABS01

Tot Ion: 91 Resp: 2934483
Ion Ratio Lower Upper
91 100
126 29.9 12.3 49.1

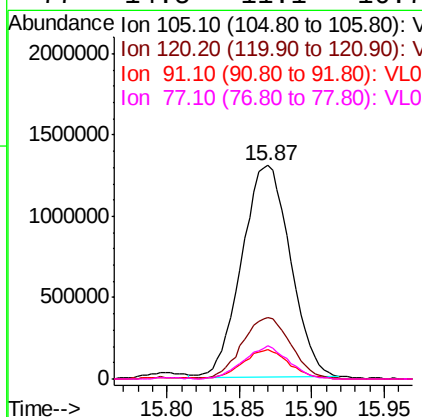
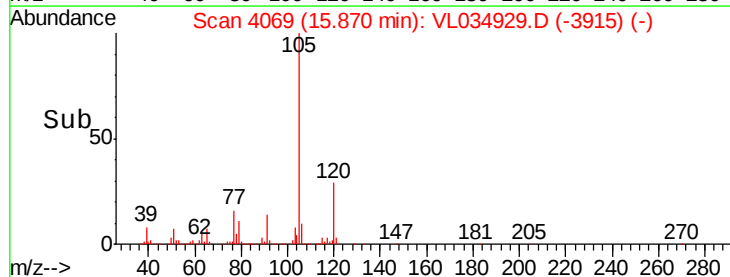
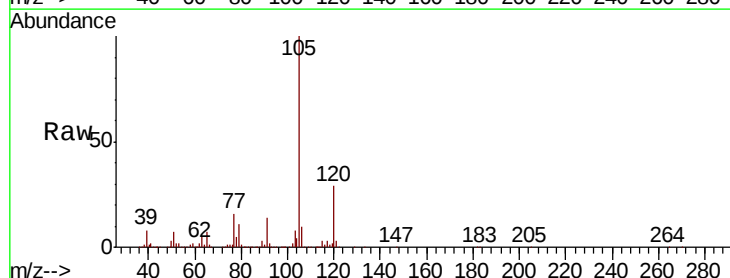
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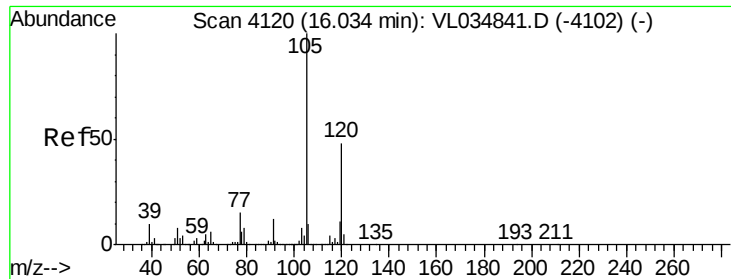
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#72
4-Ethyltoluene
Concen: 10.066 ppbv
RT: 15.87 min Scan# 4069
Delta R.T. -0.00 min
Lab File: VL034929.D
Acq: 23 Mar 2020 13:57

Tgt Ion:105 Resp: 3051518
Ion Ratio Lower Upper
105 100
120 30.0 23.7 35.5
91 13.1 10.5 15.7
77 14.5 11.1 16.7





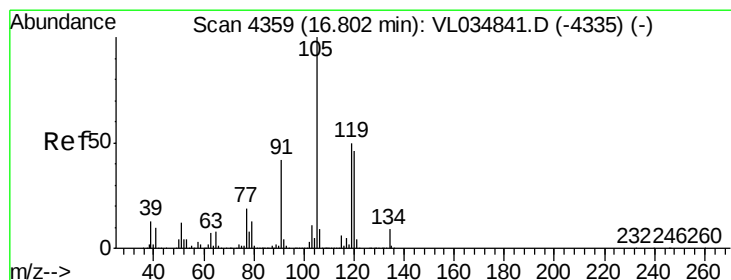
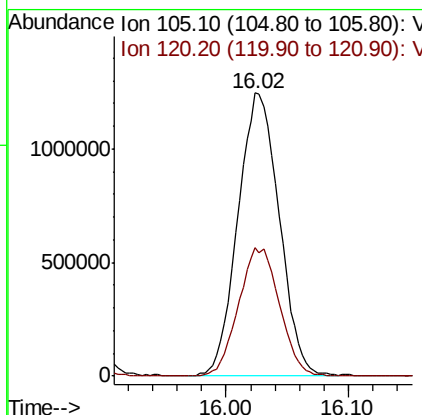
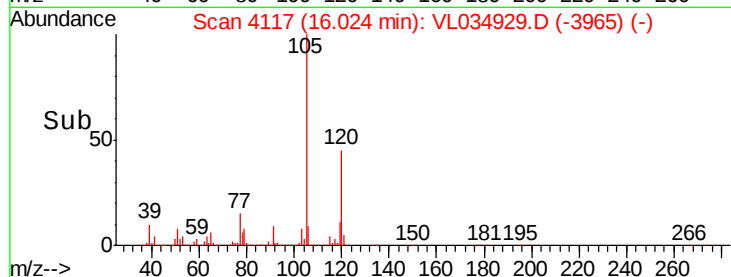
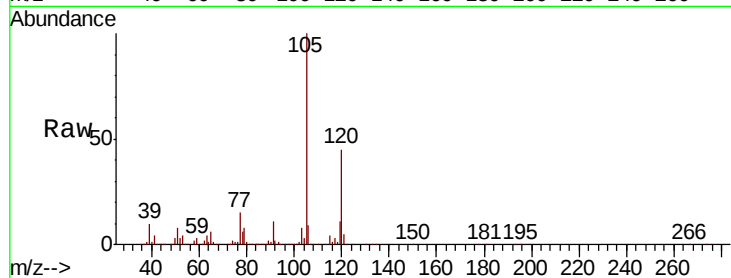
#73
 1,3,5-Trimethylbenzene
 Concen: 10.228 ppbv
 RT: 16.02 min Scan# 4117
 Delta R.T. -0.01 min
 Lab File: VL034929.D
 Acq: 23 Mar 2020 13:57

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0323ABS01

Tot Ion:105 Resp: 2902664
 Ion Ratio Lower Upper
 105 100
 120 45.3 38.6 58.0

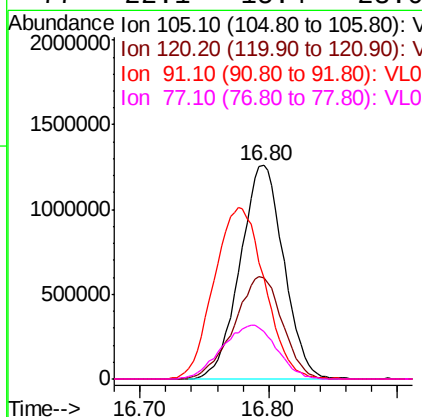
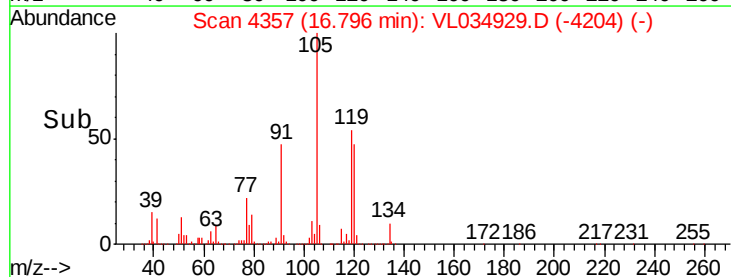
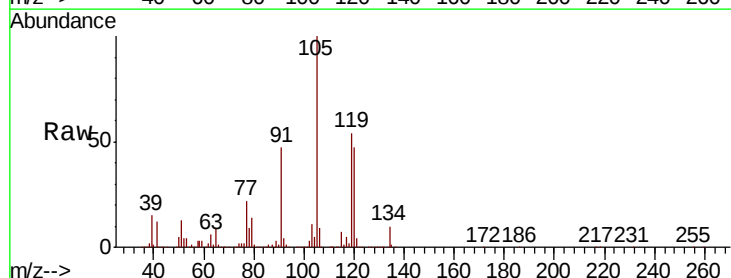
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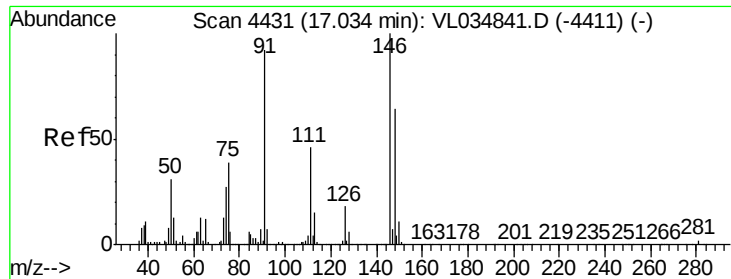
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#74
 1,2,4-Trimethylbenzene
 Concen: 10.094 ppbv
 RT: 16.80 min Scan# 4357
 Delta R.T. -0.01 min
 Lab File: VL034929.D
 Acq: 23 Mar 2020 13:57

Tgt Ion:105 Resp: 2951286
 Ion Ratio Lower Upper
 105 100
 120 47.3 37.0 55.4
 91 47.0 33.8 50.6
 77 22.1 15.4 23.0





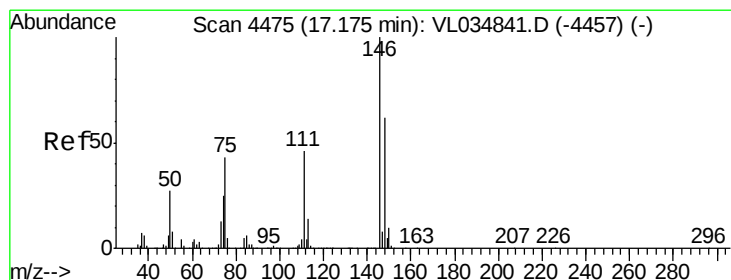
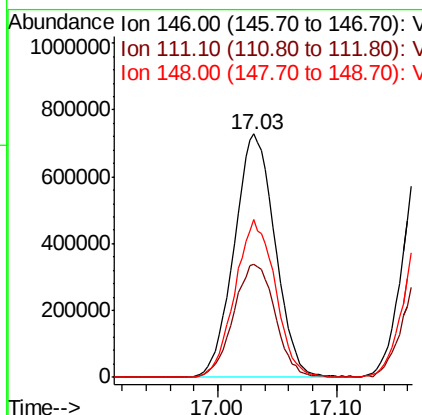
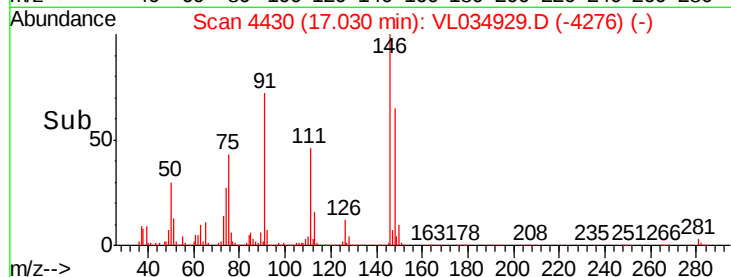
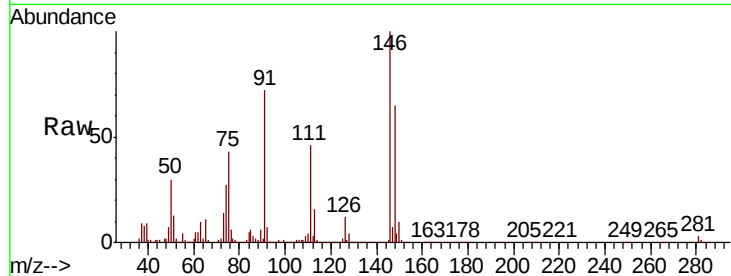
#75
 1,3-Dichlorobenzene
 Concen: 9.807 ppbv
 RT: 17.03 min Scan# 4430
 Delta R.T. -0.00 min
 Lab File: VL034929.D
 Acq: 23 Mar 2020 13:57

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0323ABS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	47.3	23.9	71.7
148	63.7	32.5	97.5

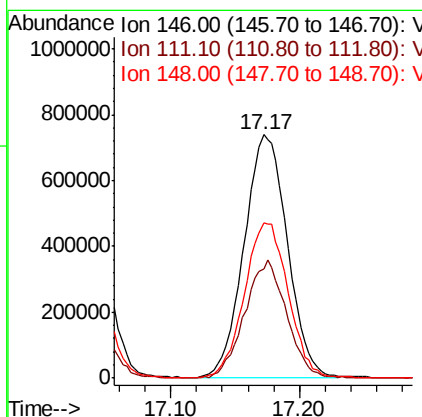
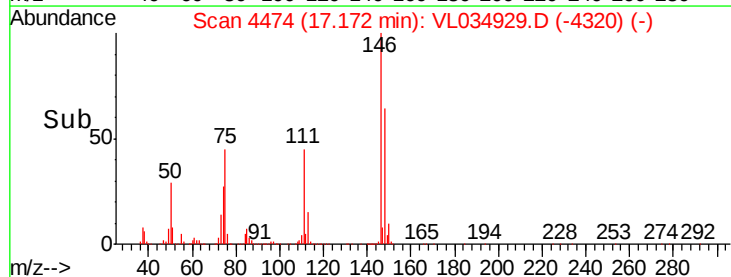
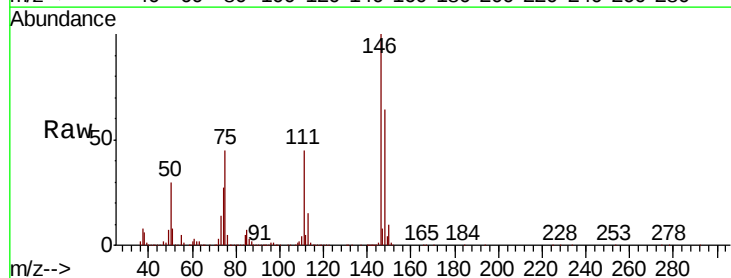
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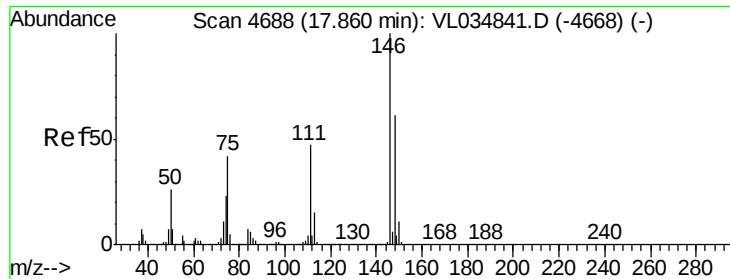
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#76
 1,4-Dichlorobenzene
 Concen: 9.772 ppbv
 RT: 17.17 min Scan# 4474
 Delta R.T. -0.00 min
 Lab File: VL034929.D
 Acq: 23 Mar 2020 13:57

Tgt Ion	Ratio	Lower	Upper
146	100		
111	47.1	23.4	70.2
148	65.2	32.3	96.9





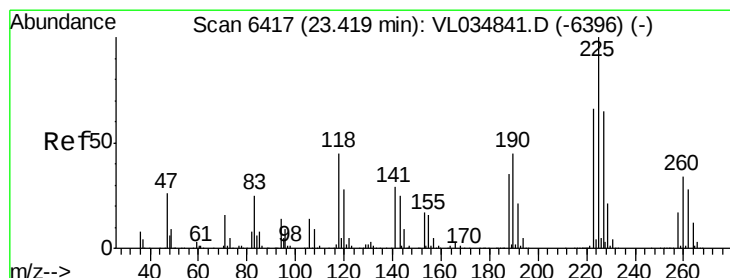
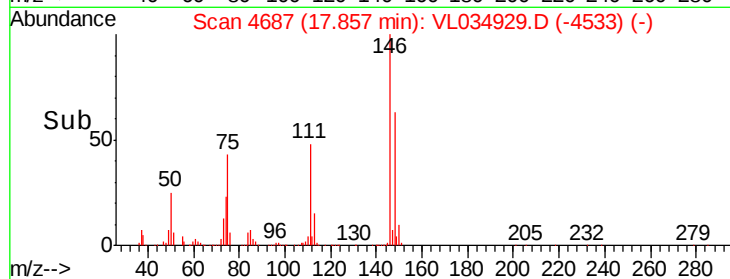
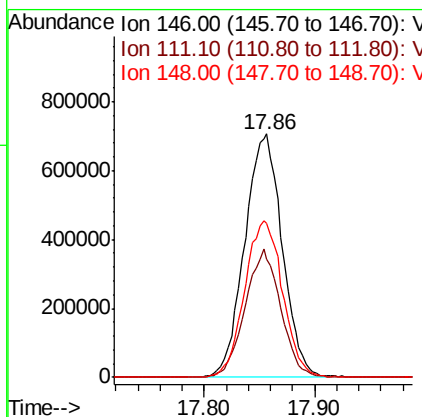
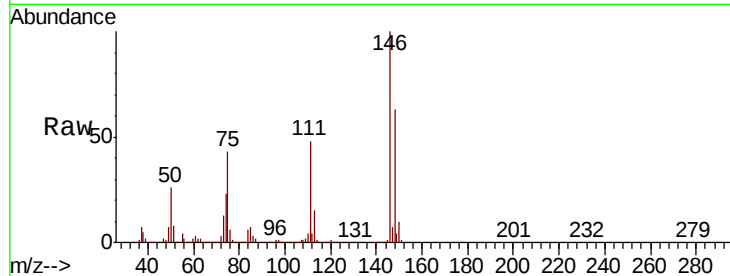
#77
 1,2-Dichlorobenzene
 Concen: 9.751 ppbv
 RT: 17.86 min Scan# 4687
 Delta R.T. -0.00 min
 Lab File: VL034929.D
 Acq: 23 Mar 2020 13:57

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0323ABS01

Tot Ion:146 Resp: 1666194
 Ion Ratio Lower Upper
 146 100
 111 50.1 23.8 71.4
 148 65.2 31.6 94.8

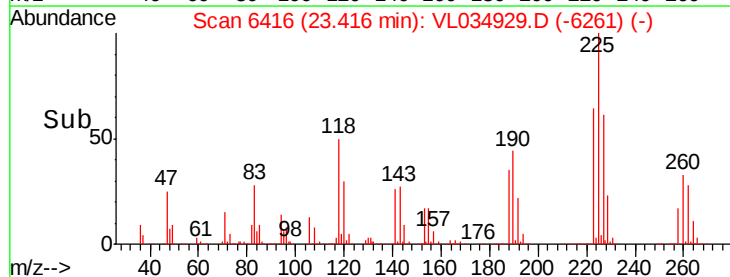
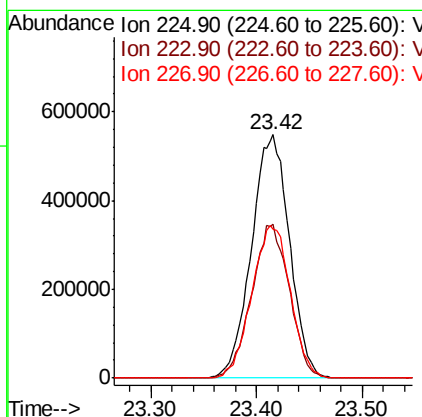
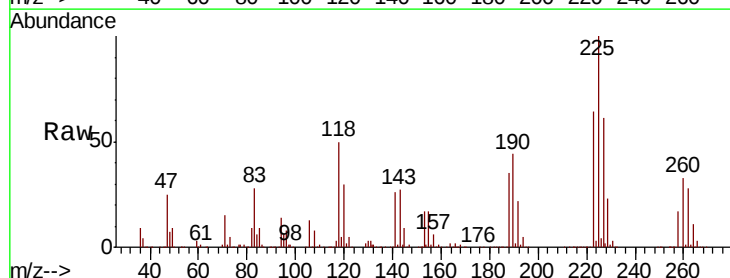
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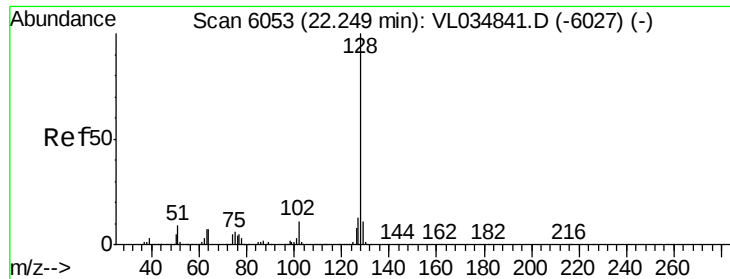
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#78
 Hexachloro-1,3-Butadiene
 Concen: 9.636 ppbv
 RT: 23.42 min Scan# 6416
 Delta R.T. -0.00 min
 Lab File: VL034929.D
 Acq: 23 Mar 2020 13:57

Tgt Ion:225 Resp: 1375335
 Ion Ratio Lower Upper
 225 100
 223 62.7 51.1 76.7
 227 63.6 51.8 77.6





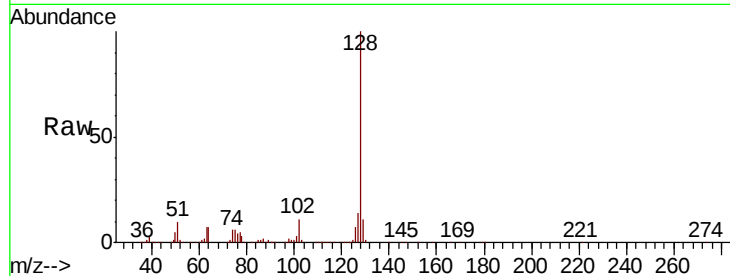
#79
Naphthalene
Concen: 12.339 ppbv
RT: 22.25 min Scan# 6053
Delta R.T. -0.00 min
Lab File: VL034929.D
Acq: 23 Mar 2020 13:57

Instrument :
MSVOA_L
ClientSampleId :
VL0323ABS01

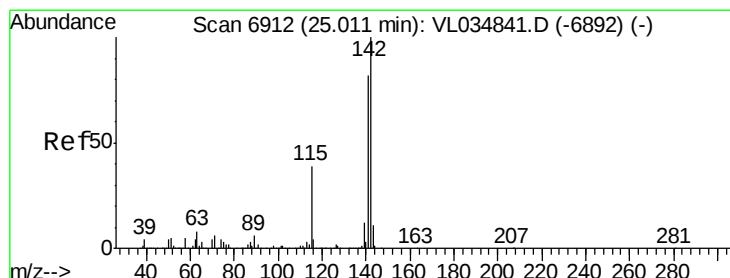
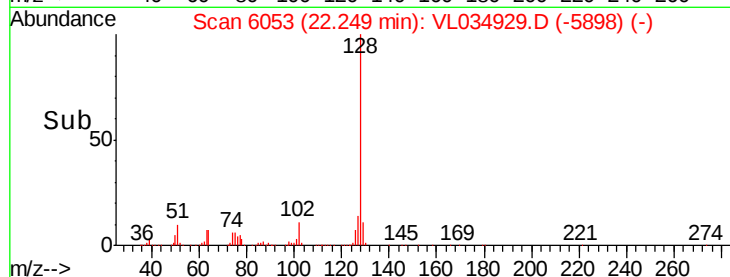
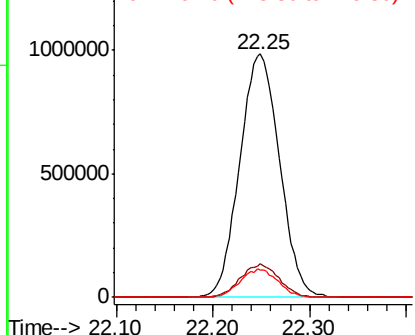
Tot Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.2	15.2
129	11.2	8.6	13.0

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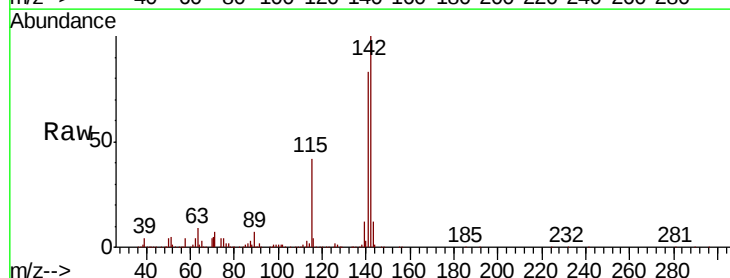


Abundance Ion 128.10 (127.80 to 128.80): V
Ion 127.10 (126.80 to 127.80): V
Ion 129.10 (128.80 to 129.80): V

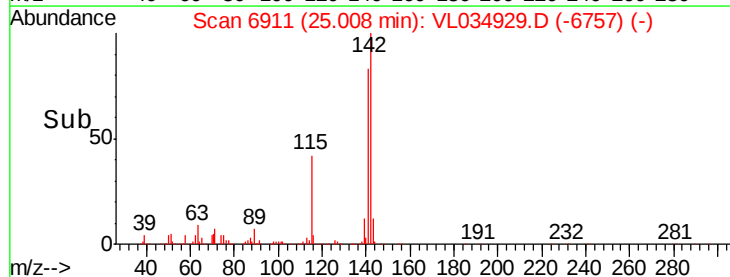
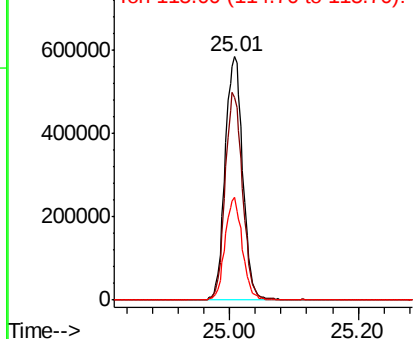


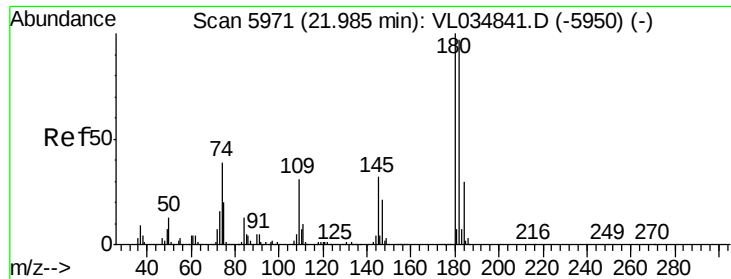
#80
Naphthalene, 2-methyl-
Concen: 18.621 ppbv
RT: 25.01 min Scan# 6911
Delta R.T. -0.00 min
Lab File: VL034929.D
Acq: 23 Mar 2020 13:57

Tgt Ion	Ratio	Lower	Upper
142	100		
141	84.2	68.9	103.3
115	40.9	33.2	49.8



Abundance Ion 142.00 (141.70 to 142.70): V
Ion 141.00 (140.70 to 141.70): V
Ion 115.00 (114.70 to 115.70): V





#81
 1,2,4-Trichlorobenzene
 Concen: 11.113 ppbv
 RT: 21.98 min Scan# 5968
 Delta R.T. -0.01 min
 Lab File: VL034929.D
 Acq: 23 Mar 2020 13:57

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0323ABS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.6	115.0
184	31.0	25.0	37.4

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