

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032320\
 Data File : VL034927.D
 Acq On : 23 Mar 2020 11:48
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleID :
 VSTDCCC010

Manual Integrations
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 3/25/2020 11:54:05 AM

Quant Time: Mar 24 02:01:18 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	999921	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2200900	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	2409341	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	1888002	10.05	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.50%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.01	85	1485750	10.851	ppbv 99
3) Chlorodifluoromethane	2.94	51	1103998	9.884	ppbv 97
4) Chloromethane	3.10	50	629074	9.965	ppbv 99
5) Vinyl Chloride	3.22	62	616821	10.163	ppbv 90
6) Bromomethane	3.43	94	370747	10.494	ppbv 98
7) Chloroethane	3.52	64	232204	10.595	ppbv 96
8) Dichlorotetrafluoroethane	3.15	85	1431000	10.063	ppbv 93
9) Propene	2.97	41	491435	9.215	ppbv 99
10) Heptane	8.12	43	1355089	10.324	ppbv 99
11) Trichlorofluoromethane	3.92	101	1445512	9.923	ppbv 97
12) 1,1,2-Trichlorotrifluoroet	4.46	101	1042298	10.223	ppbv 94
13) Ethanol	3.57	45	131127	8.088	ppbv 98
14) Bromoethene	3.70	108	443517	10.073	ppbv 98
15) Acetone	3.82	43	1157051	8.928	ppbv 98
16) 1,3-Butadiene	3.29	39	580236	9.901	ppbv 97
17) tert-Butyl alcohol	4.27	59	974125	7.802	ppbv 100
18) 1,1-Dichloroethene	4.26	96	478598	10.600	ppbv 99
19) Isopropyl Alcohol	3.94	45	712483	8.706	ppbv # 41
20) Methylene Chloride	4.31	84	423381	10.333	ppbv 93
21) Allyl Chloride	4.38	41	816724	9.812	ppbv 99
22) trans-1,2-Dichloroethene	4.86	96	470184	10.265	ppbv 98
23) Vinyl Acetate	5.05	43	1808847	9.449	ppbv 98
24) 1,1-Dichloroethane	4.99	63	1262216	9.835	ppbv 100
25) Ethyl Acetate	5.66	43	2218936	9.610	ppbv 100
26) Hexane	5.67	57	1009440	10.153	ppbv 97
27) Carbon Disulfide	4.53	76	1249267	11.073	ppbv 98
28) Methyl tert-Butyl Ether	5.01	73	1506513	9.107	ppbv 100
29) Chloroform	5.74	83	1536084	10.126	ppbv 97
30) Cyclohexane	7.13	84	828413	9.986	ppbv 100
31) cis-1,2-Dichloroethene	5.54	61	1006344	9.897	ppbv 98
32) 1,1,1-Trichloroethane	6.50	97	1492940	10.100	ppbv 99
34) 2-Butanone	5.22	43	1465840	10.022	ppbv 99
35) Carbon Tetrachloride	7.01	117	1520545	11.108	ppbv 97
36) Benzene	6.89	78	1989104	10.139	ppbv 99
37) 1,2-Dichloroethane	6.30	62	1185440	10.717	ppbv 99
38) Trichloroethene	7.84	130	743465	9.979	ppbv 96
39) 1,2-Dichloropropane	7.62	63	789967	10.164	ppbv 96
40) 1,4-Dioxane	7.83	88	282659m	9.629	ppbv
41) Tetrahydrofuran	6.03	42	822533	10.393	ppbv 98
42) Bromodichloromethane	7.80	83	1664895	11.043	ppbv 99
43) Methyl Methacrylate	8.01	69	896305	10.845	ppbv 98

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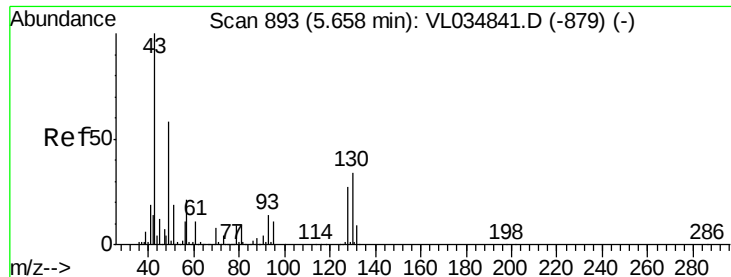
Manual Integrations
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL030920AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar 0
 QLast Update : Mon Mar 09 16:42:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	3452536	10.415	ppbv	99
45) t-1,3-Dichloropropene	9.29	75	1024146	10.547	ppbv	96
46) cis-1,3-Dichloropropene	8.71	75	1211786	10.502	ppbv	95
47) 1,1,2-Trichloroethane	9.48	97	825449	10.348	ppbv	96
48) Dibromochloromethane	10.32	129	1374496	10.640	ppbv	99
49) Bromoform	13.06	173	1243450	10.796	ppbv	100
50) 4-Methyl-2-Pentanone	8.74	43	2224242	10.564	ppbv	99
51) 2-Hexanone	10.14	43	1821199	10.644	ppbv #	100
52) Tetrachloroethene	11.24	164	690819m	8.901	ppbv	
53) Toluene	9.82	91	2312437	10.207	ppbv	100
54) 1,2-Dibromoethane	10.63	107	1253809	10.442	ppbv	100
56) 1,1,1,2-Tetrachloroethane	12.15	131	1037327	9.585	ppbv	99
57) Chlorobenzene	12.17	112	1734349	9.200	ppbv	96
58) Ethyl Benzene	12.73	91	3150791	9.657	ppbv	99
59) m/p-Xylene	13.02	91	5164846m	18.894	ppbv	
60) o-Xylene	13.72	91	2593947	9.719	ppbv	98
61) Styrene	13.55	104	1863097	9.947	ppbv	98
62) Isopropylbenzene	14.69	105	3829856	9.490	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.70	83	1852475	10.224	ppbv	99
64) n-propylbenzene	15.59	120	991453	9.439	ppbv	90
65) tert-Butylbenzene	16.78	119	3307684	9.376	ppbv	97
66) Benzyl Chloride	17.02	91	1320990	8.980	ppbv	97
67) sec-Butylbenzene	17.32	105	4742909	9.695	ppbv	99
69) p-Isopropyltoluene	17.68	119	3947136	9.623	ppbv	98
70) n-Butylbenzene	18.58	91	4216613	10.075	ppbv	99
71) 2-Chlorotoluene	15.48	91	2971061	9.721	ppbv	98
72) 4-Ethyltoluene	15.87	105	3094208	9.817	ppbv	99
73) 1,3,5-Trimethylbenzene	16.03	105	2881634	9.766	ppbv	96
74) 1,2,4-Trimethylbenzene	16.79	105	3007620	9.894	ppbv #	93
75) 1,3-Dichlorobenzene	17.03	146	1725186	9.412	ppbv	99
76) 1,4-Dichlorobenzene	17.17	146	1730542	9.461	ppbv	99
77) 1,2-Dichlorobenzene	17.85	146	1688334	9.503	ppbv	98
78) Hexachloro-1,3-Butadiene	23.41	225	1358100	9.152	ppbv	99
79) Naphthalene	22.25	128	2828982	11.933	ppbv	100
80) Naphthalene, 2-methyl-	25.01	142	1117271	18.034	ppbv	98
81) 1,2,4-Trichlorobenzene	21.98	180	1612414m	10.706	ppbv	

(#) = 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

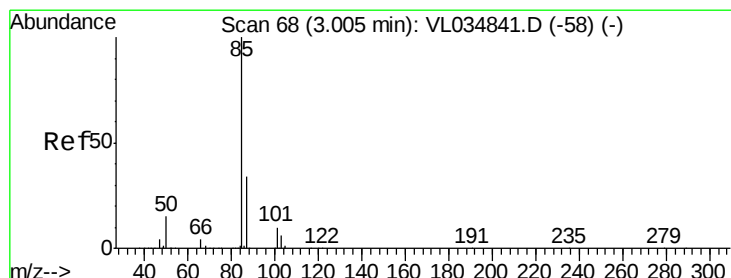
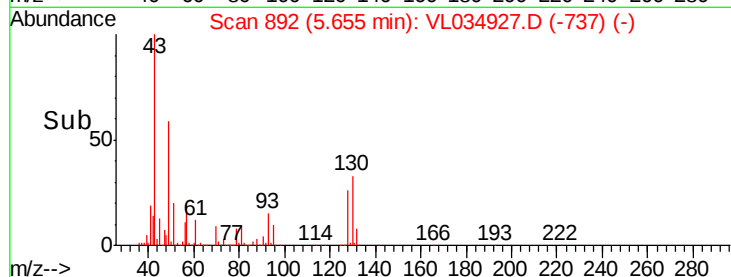
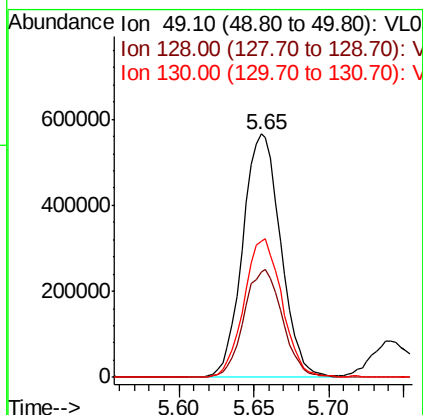
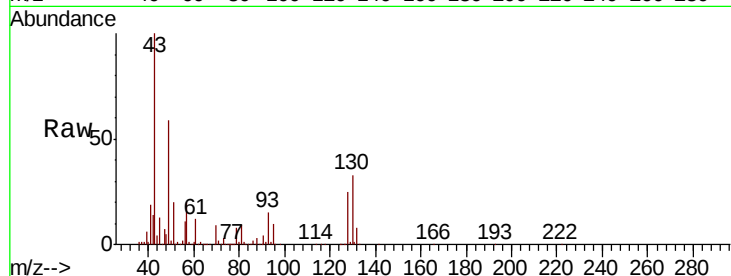
ClientSampleId :

VSTDCCC010

Tot Ion:	49	Resp:	999921
Ion Ratio	Lower	Upper	
49	100		
128	44.6	23.4	70.3
130	57.3	30.0	90.0

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#2

Dichlorodifluoromethane

Concen: 10.851 ppbv

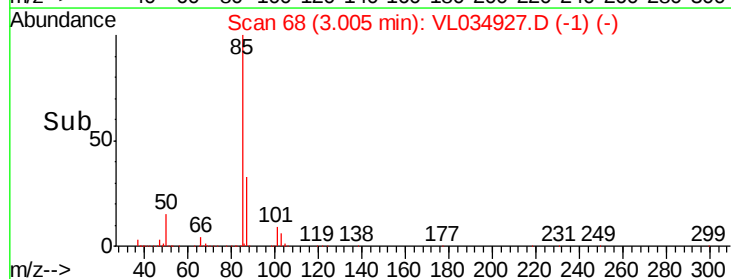
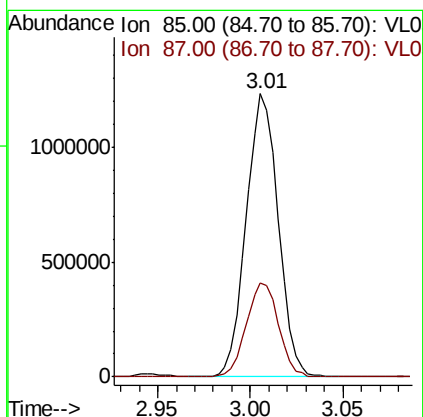
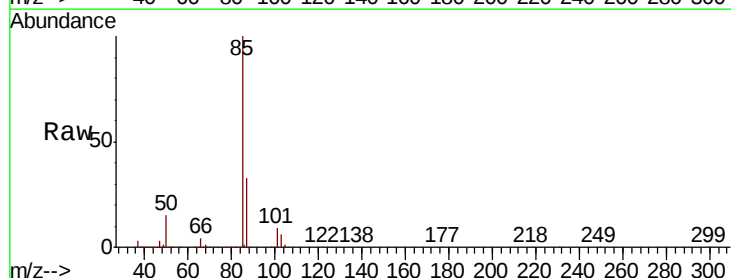
RT: 3.01 min Scan# 68

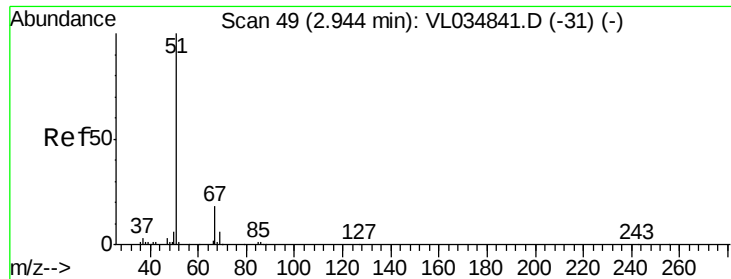
Delta R.T. 0.00 min

Lab File: VL034927.D

Acq: 23 Mar 2020 11:48

Tgt Ion:	85	Resp:	1485750
Ion Ratio	Lower	Upper	
85	100		
87	33.1	26.9	40.3





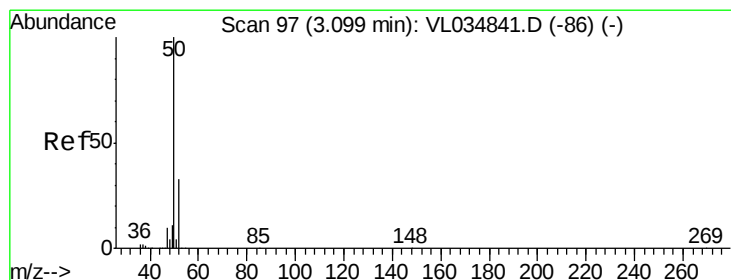
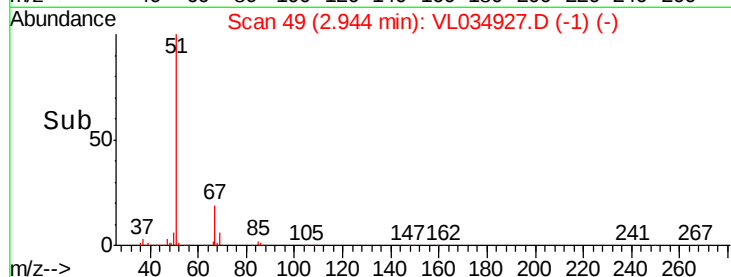
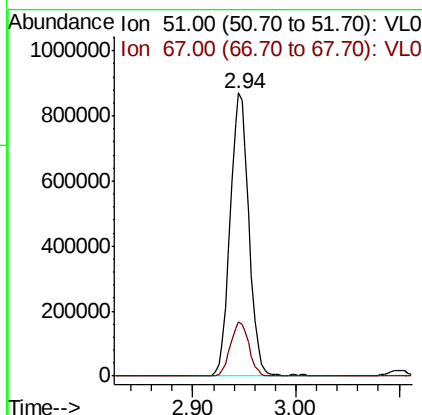
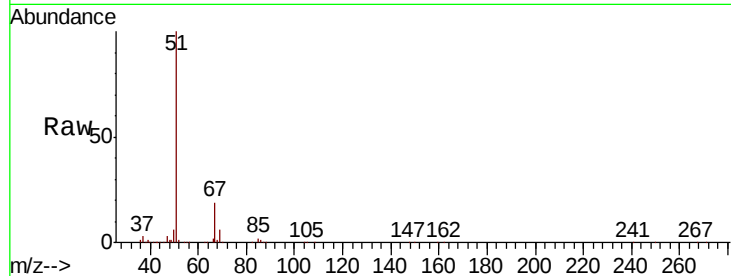
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 Chlorodifluoromethane
 Concen: 9.884 ppbv
 RT: 2.94 min Scan# 49
 Delta R.T. -0.00 min
 Lab File: VL034927.D
 Acq: 23 Mar 2020 11:48

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Tot Ion: 51 Resp: 1103998
 Ion Ratio Lower Upper
 51 100
 67 19.0 14.3 21.5

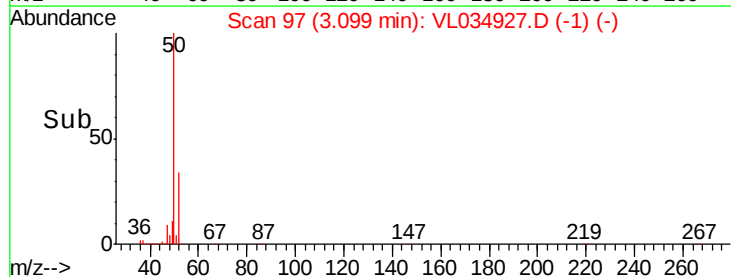
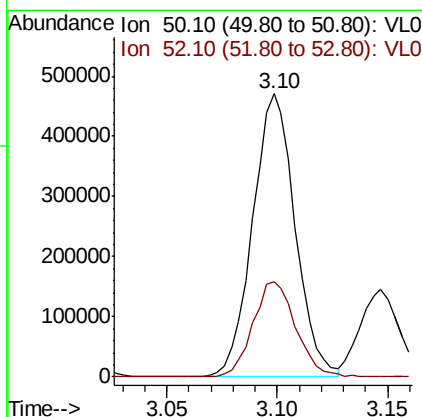
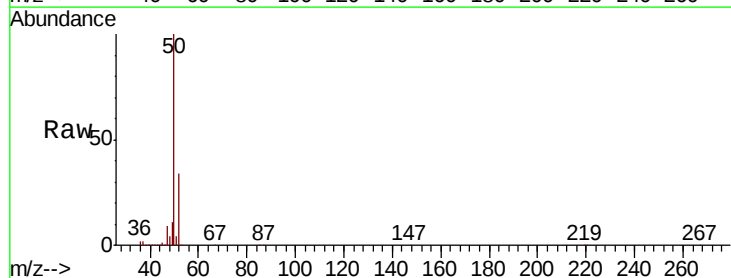
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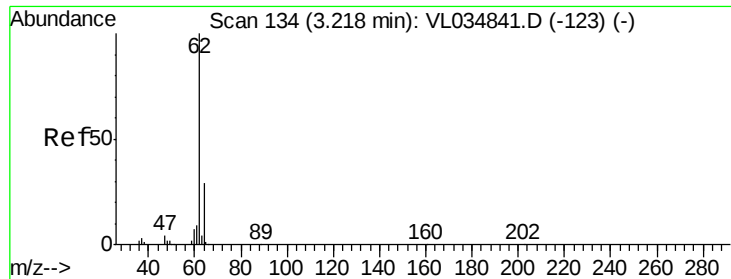
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#4
 Chloromethane
 Concen: 9.965 ppbv
 RT: 3.10 min Scan# 97
 Delta R.T. -0.00 min
 Lab File: VL034927.D
 Acq: 23 Mar 2020 11:48

Tgt Ion: 50 Resp: 629074
 Ion Ratio Lower Upper
 50 100
 52 33.8 26.8 40.2





#5

Vinyl Chloride

Concen: 10.163 ppbv

RT: 3.22 min Scan# 134

Delta R.T. -0.00 min

Lab File: VL034927.D

Acq: 23 Mar 2020 11:48

Instrument :

MSVOA_L

ClientSampleID :

VSTDCCC010

Tot Ion: 62 Resp: 616821

Ion Ratio Lower Upper

62 100

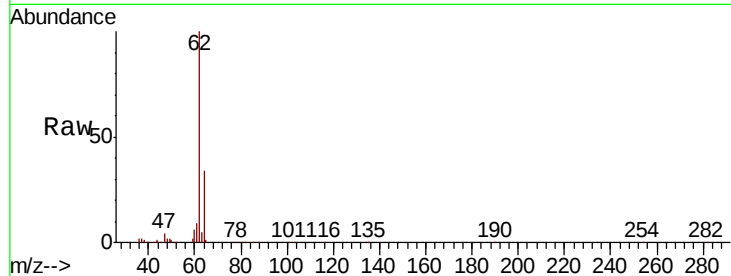
64 34.1 23.0 34.4

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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

500000

400000

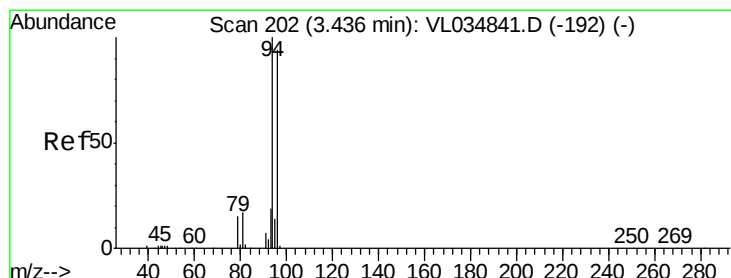
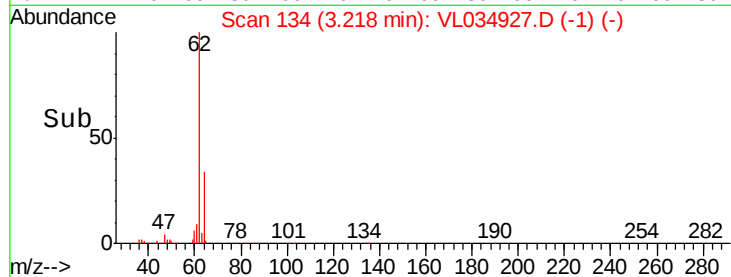
300000

200000

100000

0

Time-->



#6

Bromomethane

Concen: 10.494 ppbv

RT: 3.43 min Scan# 201

Delta R.T. -0.00 min

Lab File: VL034927.D

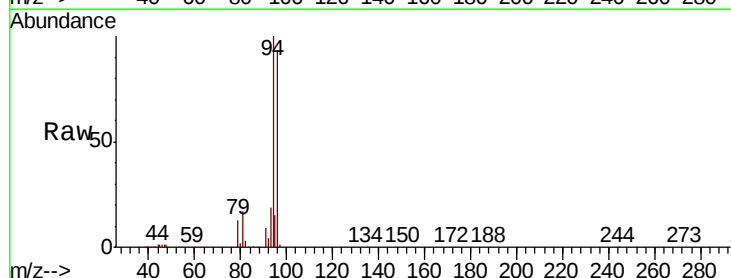
Acq: 23 Mar 2020 11:48

Tgt Ion: 94 Resp: 370747

Ion Ratio Lower Upper

94 100

96 92.9 75.5 113.3



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0

3.43

300000

250000

200000

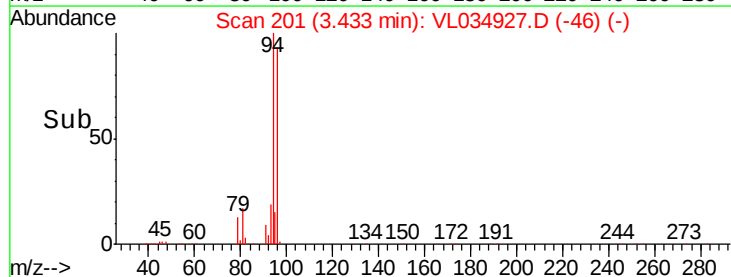
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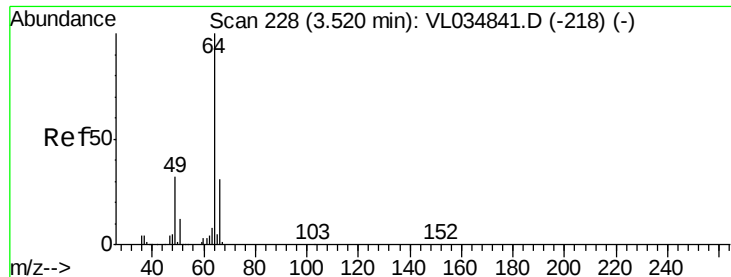
100000

50000

0

Time-->





#7

Chloroethane

Concen: 10.595 ppbv

RT: 3.52 min Scan# 228

Delta R.T. 0.00 min

Lab File: VL034927.D

Acq: 23 Mar 2020 11:48

Instrument :

MSVOA_L

ClientSampleId :

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Tot Ion: 64 Resp: 232204

Ion Ratio Lower Upper

64 100

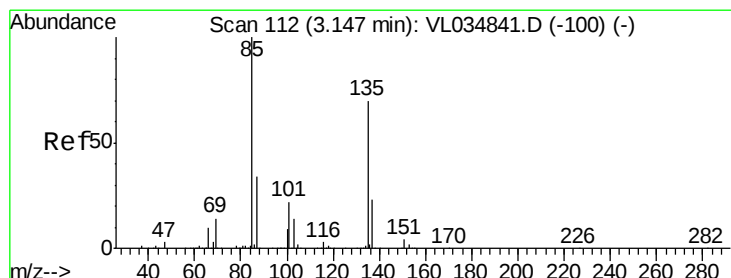
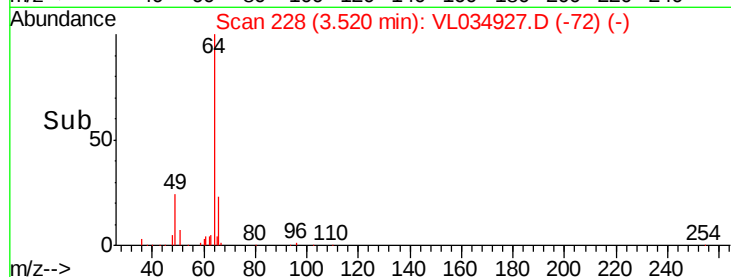
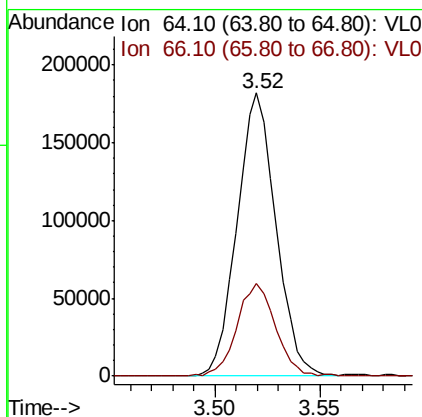
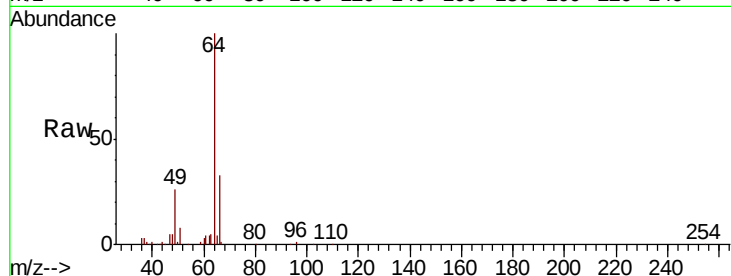
66 33.4 24.8 37.2

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#8

Dichlorotetrafluoroethane

Concen: 10.063 ppbv

RT: 3.15 min Scan# 112

Delta R.T. -0.00 min

Lab File: VL034927.D

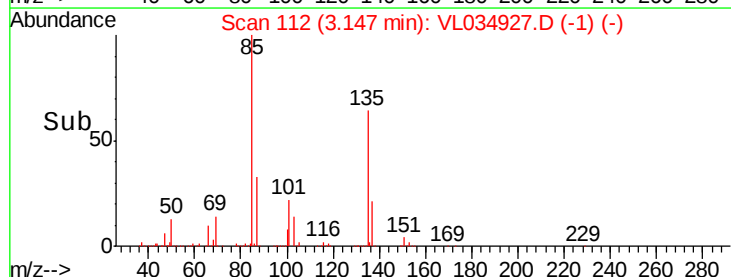
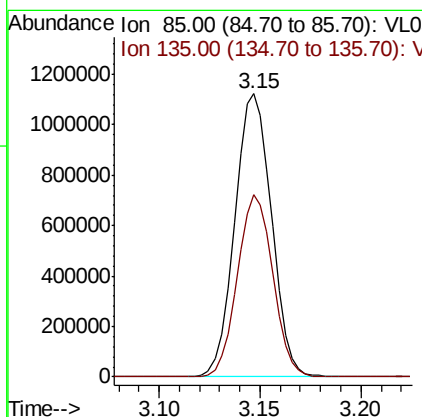
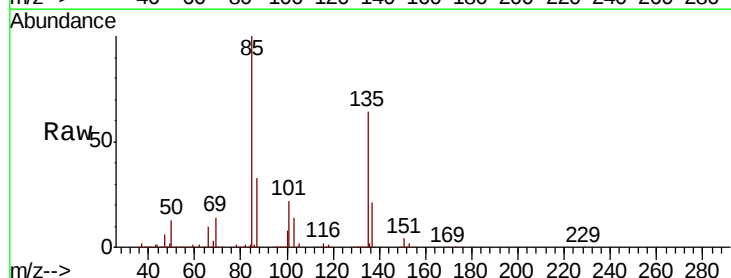
Acq: 23 Mar 2020 11:48

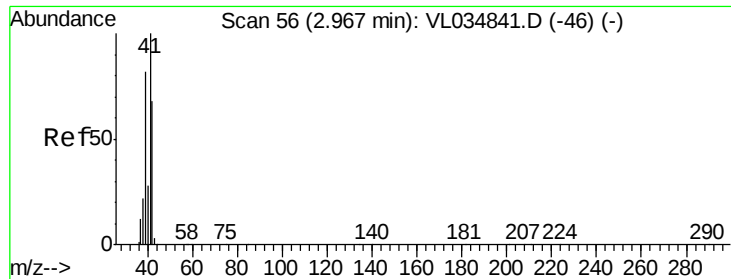
Tgt Ion: 85 Resp: 1431000

Ion Ratio Lower Upper

85 100

135 62.6 54.3 81.5





#9

Propene

Concen: 9.215 ppbv

RT: 2.97 min Scan# 56

Delta R.T. 0.00 min

Lab File: VL034927.D

Acq: 23 Mar 2020 11:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion: 41 Resp: 491435

Ion Ratio Lower Upper

41 100

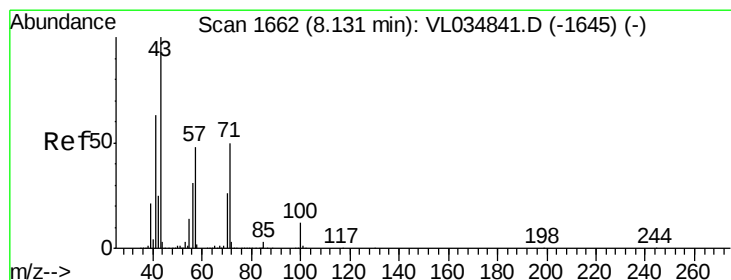
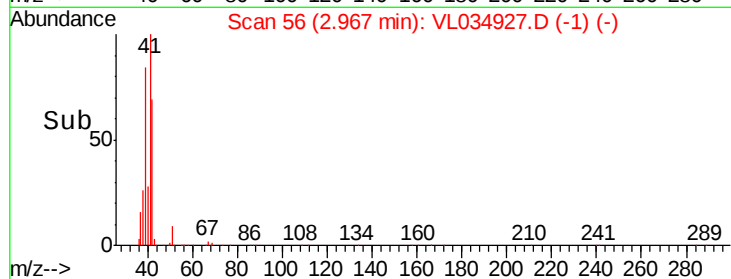
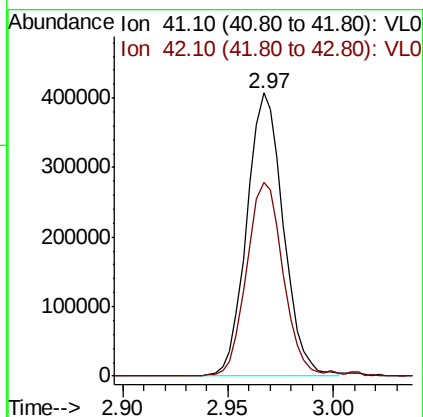
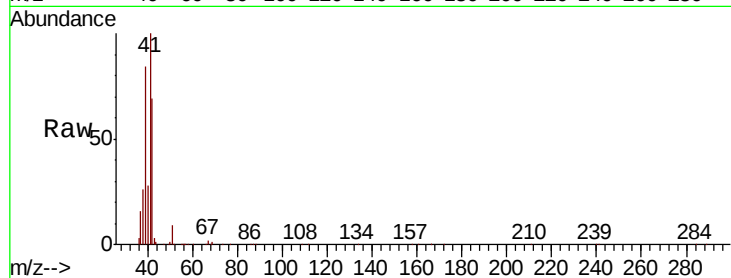
42 69.9 55.2 82.8

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#10

Heptane

Concen: 10.324 ppbv

RT: 8.12 min Scan# 1660

Delta R.T. -0.01 min

Lab File: VL034927.D

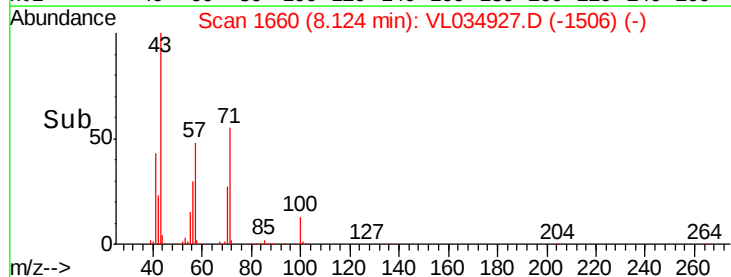
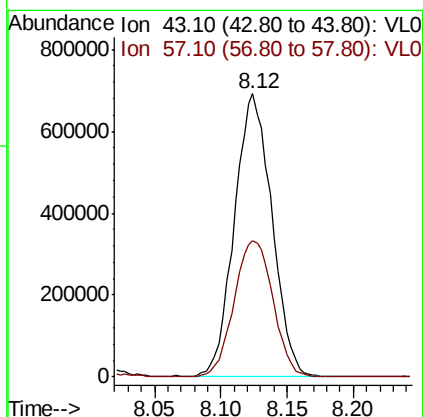
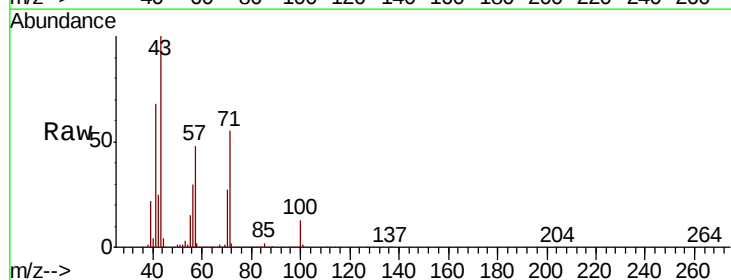
Acq: 23 Mar 2020 11:48

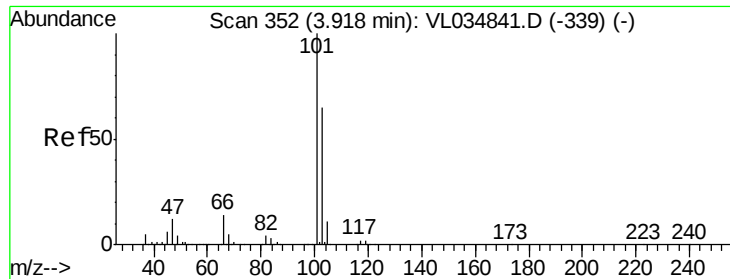
Tgt Ion: 43 Resp: 1355089

Ion Ratio Lower Upper

43 100

57 50.1 39.7 59.5





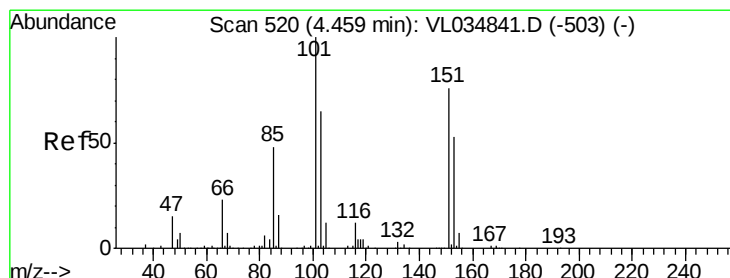
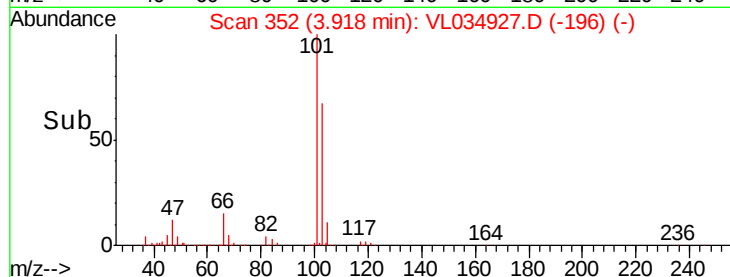
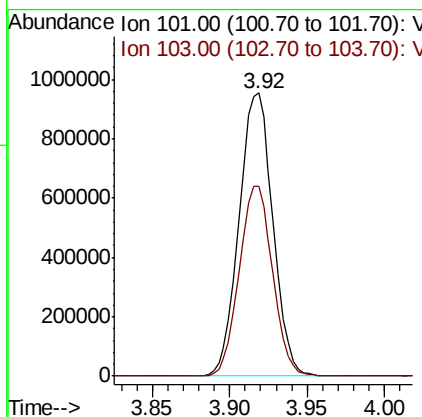
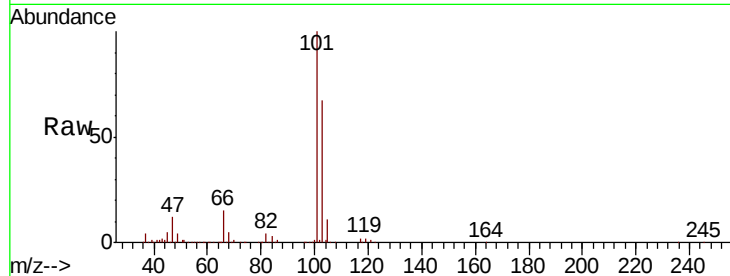
#11
 Trichlorofluoromethane
 Concen: 9.923 ppbv
 RT: 3.92 min Scan# 352
 Delta R.T. 0.00 min
 Lab File: VL034927.D
 Acq: 23 Mar 2020 11:48

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion:101 Resp: 1445512
 Ion Ratio Lower Upper
 101 100
 103 67.0 51.8 77.8

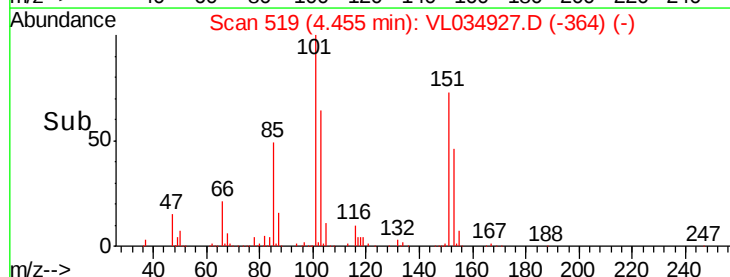
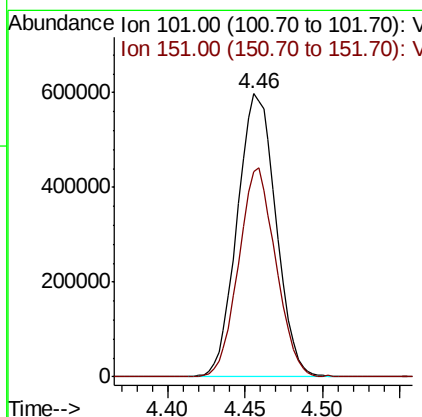
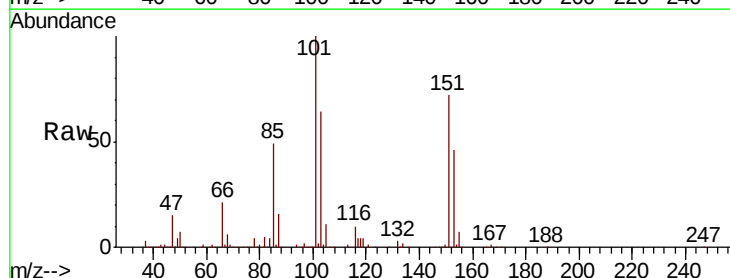
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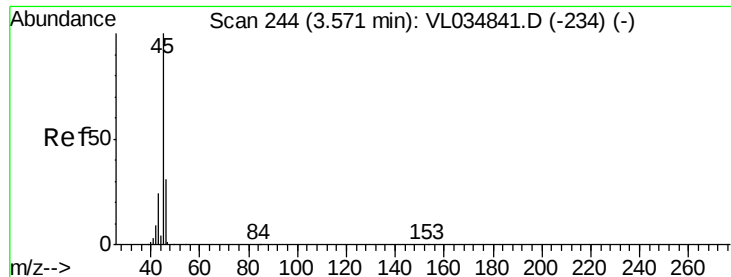
apatel
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#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.223 ppbv
 RT: 4.46 min Scan# 519
 Delta R.T. -0.00 min
 Lab File: VL034927.D
 Acq: 23 Mar 2020 11:48

Tgt Ion:101 Resp: 1042298
 Ion Ratio Lower Upper
 101 100
 151 70.8 60.8 91.2





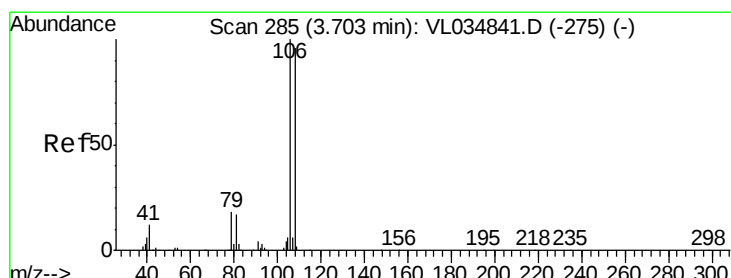
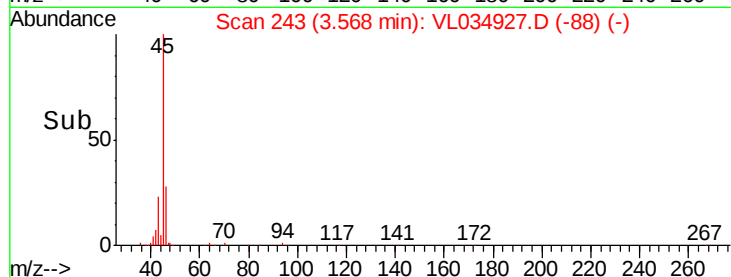
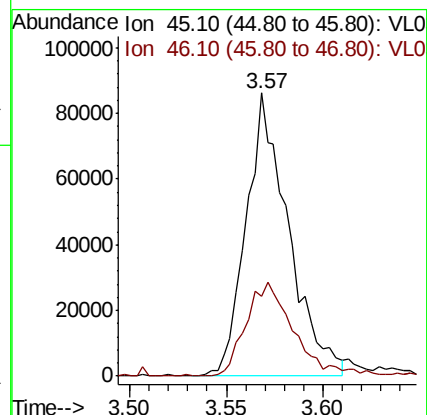
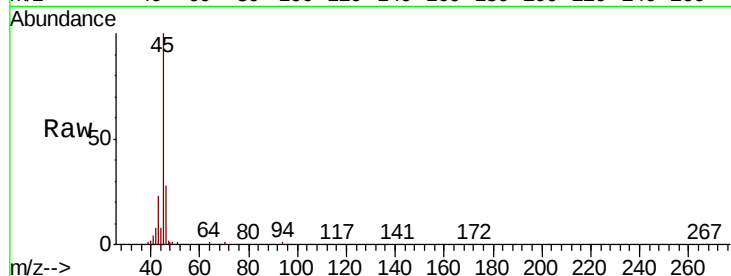
#13
Ethanol
Concen: 8.088 ppbv
RT: 3.57 min Scan# 243
Delta R.T. -0.00 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion	45	Resp	131127
Ion Ratio	100	Lower	Upper
45	100		
46	38.6	16.0	64.0

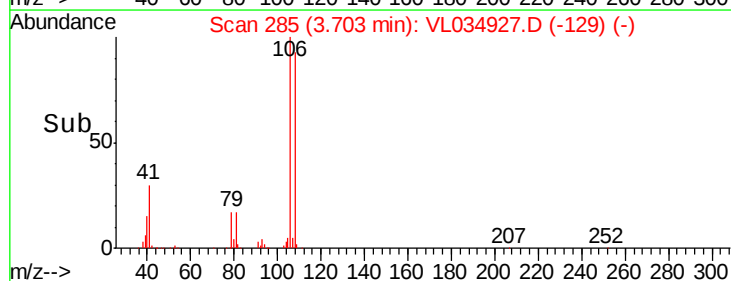
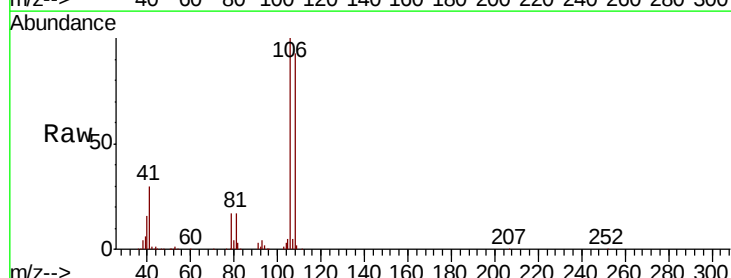
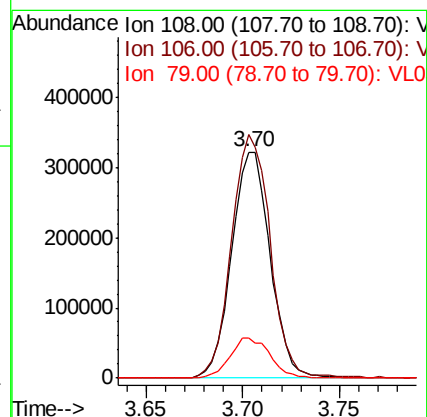
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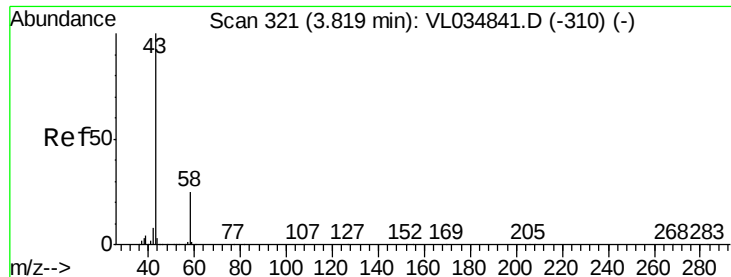
apatel
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#14
Bromoethene
Concen: 10.073 ppbv
RT: 3.70 min Scan# 285
Delta R.T. 0.00 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Tgt Ion	108	Resp	443517
Ion Ratio	100	Lower	Upper
108	100		
106	109.1	85.1	127.7
79	18.6	14.7	22.1





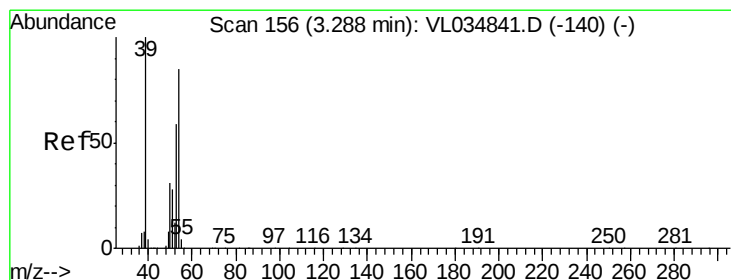
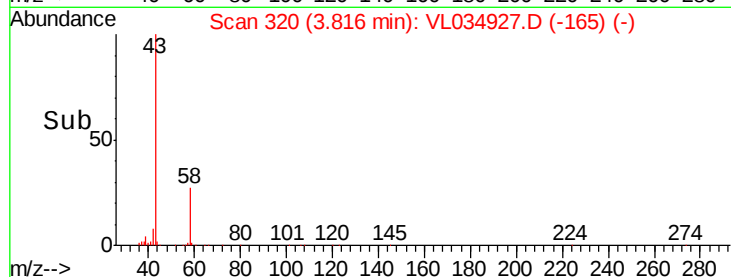
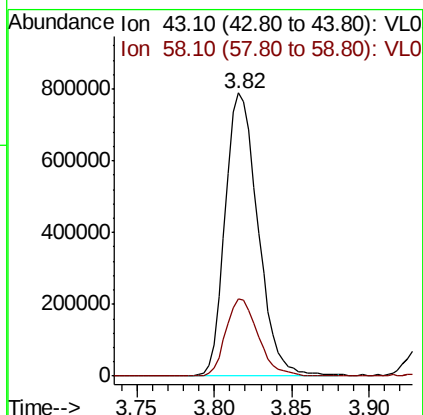
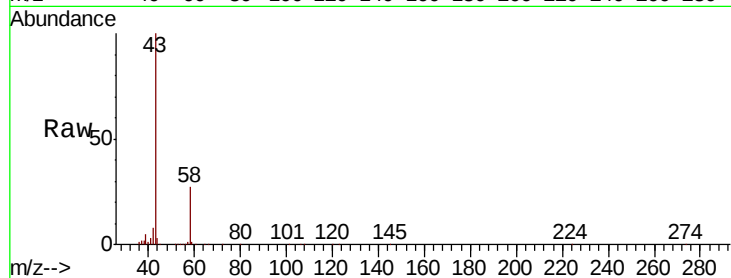
#15
Acetone
Concen: 8.928 ppbv
RT: 3.82 min Scan# 320
Delta R.T. -0.00 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion: 43 Resp: 1157051
Ion Ratio Lower Upper
43 100
58 27.1 21.0 31.6

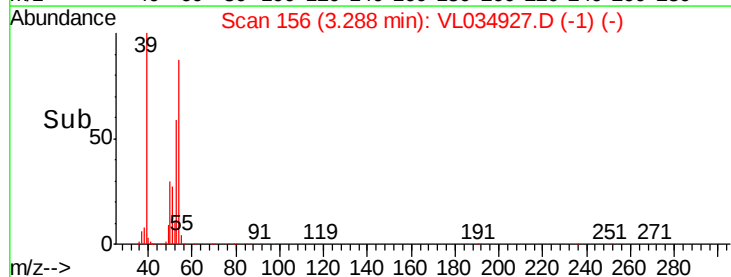
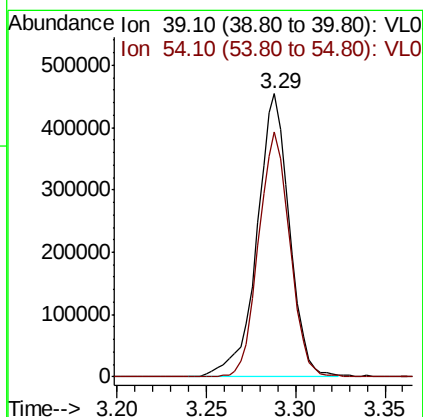
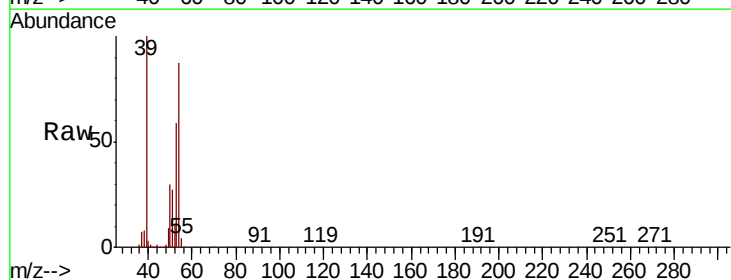
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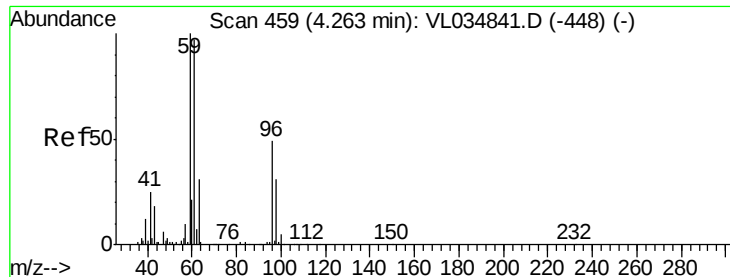
apatel
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#16
1,3-Butadiene
Concen: 9.901 ppbv
RT: 3.29 min Scan# 156
Delta R.T. 0.00 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Tgt Ion: 39 Resp: 580236
Ion Ratio Lower Upper
39 100
54 83.6 65.0 97.6





#17

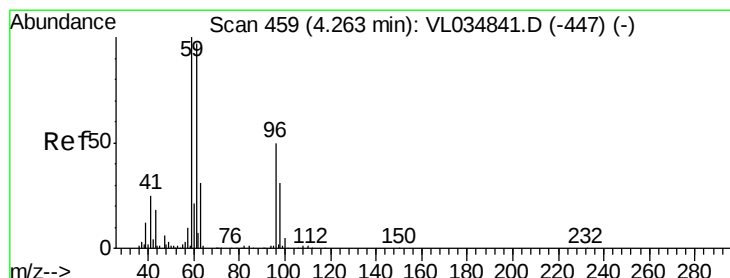
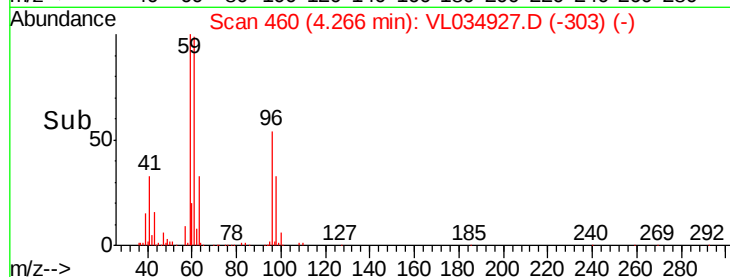
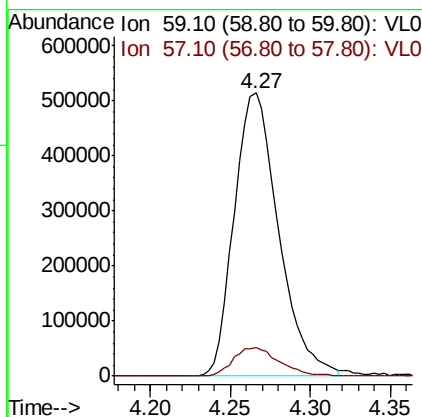
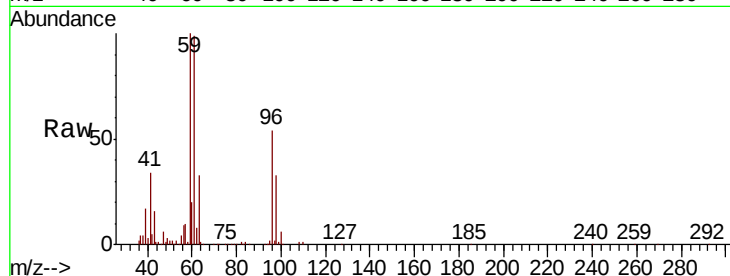
tert-Butyl alcohol
Concen: 7.802 ppbv
RT: 4.27 min Scan# 460
Delta R.T. 0.00 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.3	12.5

Manual Integrations
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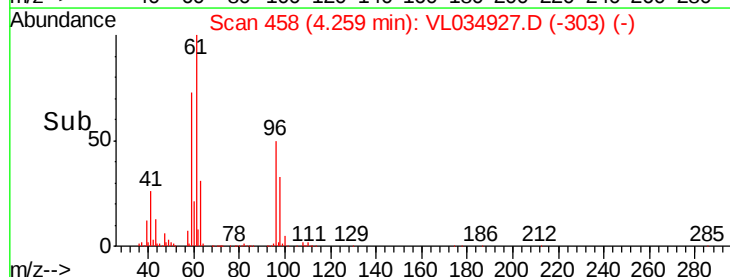
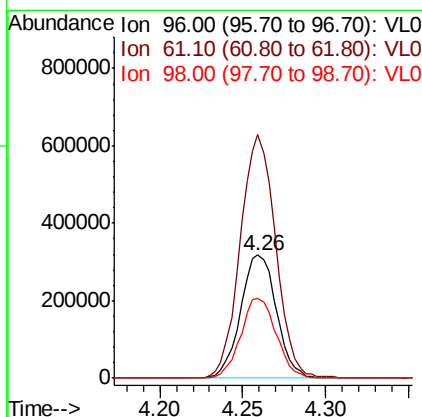
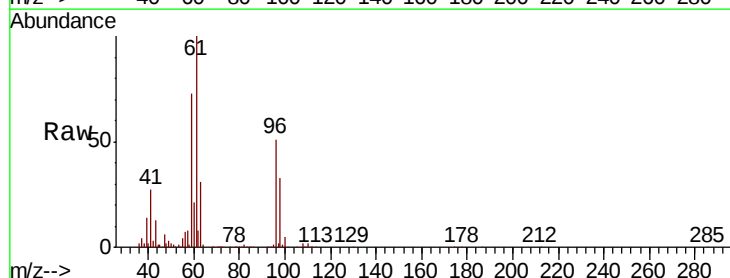
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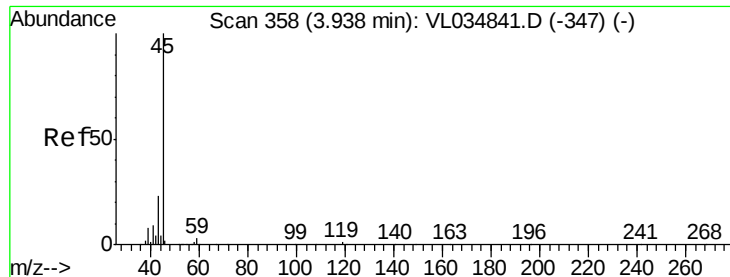


#18

1,1-Dichloroethene
Concen: 10.600 ppbv
RT: 4.26 min Scan# 458
Delta R.T. -0.00 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Tgt Ion	Ratio	Lower	Upper
96	100		
61	197.8	157.3	235.9
98	65.3	50.2	75.4





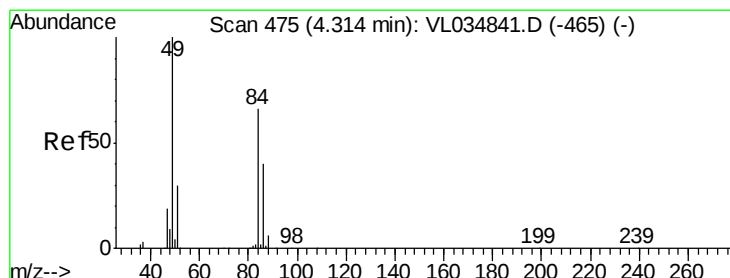
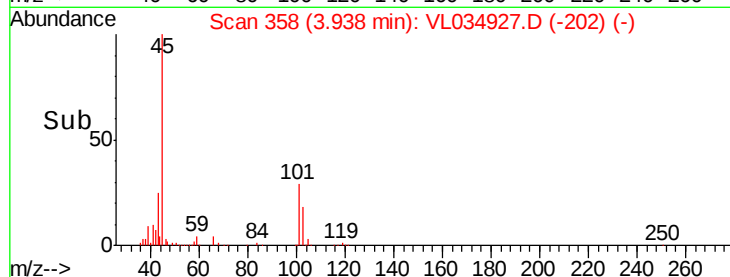
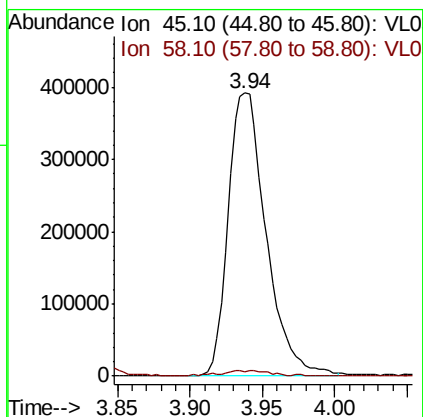
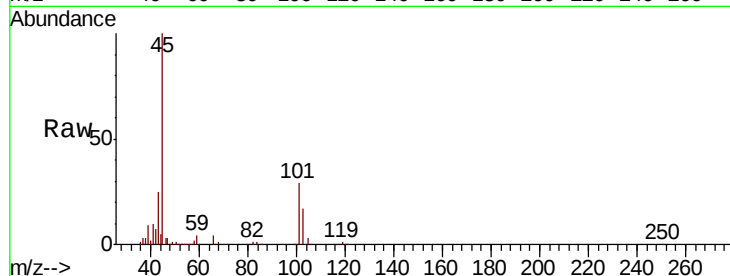
#19
Isopropyl Alcohol
Concen: 8.706 ppbv
RT: 3.94 min Scan# 358
Delta R.T. 0.00 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
45	100		
58	2.7	30.5	45.7#

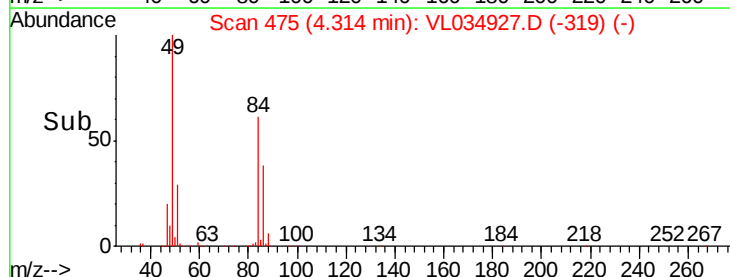
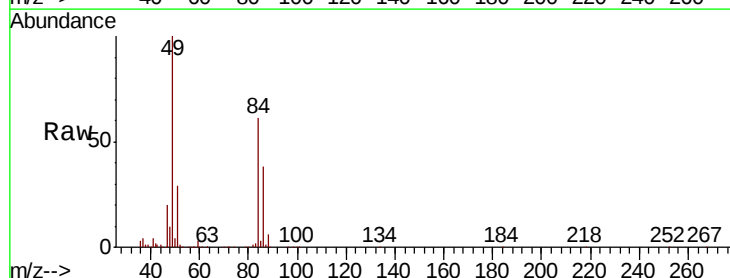
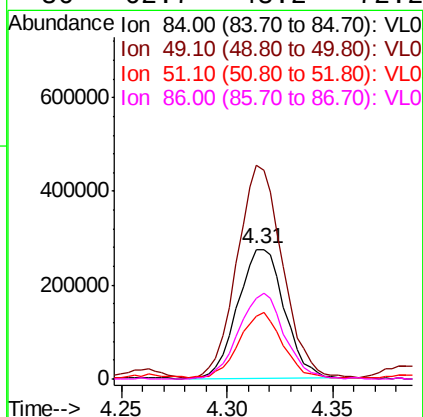
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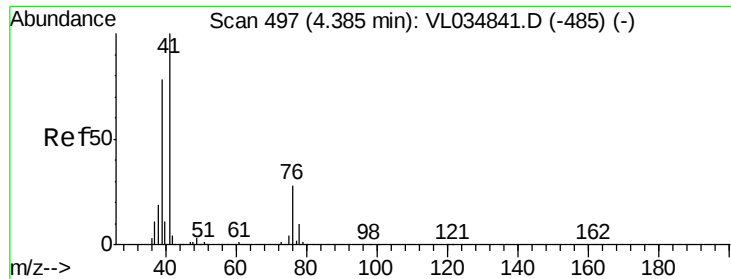
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#20
Methylene Chloride
Concen: 10.333 ppbv
RT: 4.31 min Scan# 475
Delta R.T. 0.00 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Tgt Ion	Ratio	Lower	Upper
84	100		
49	164.4	121.5	182.3
51	47.7	36.6	55.0
86	62.7	48.2	72.2





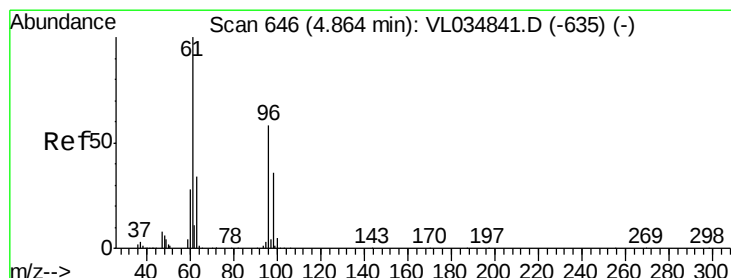
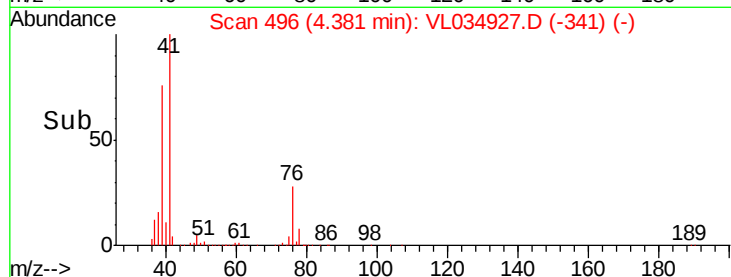
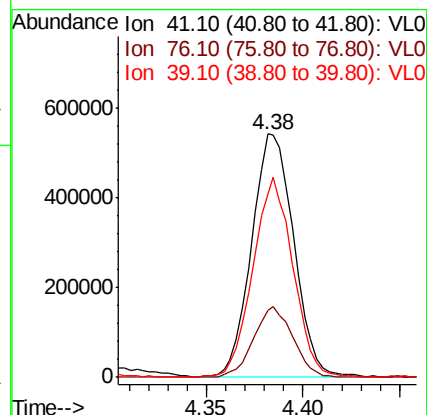
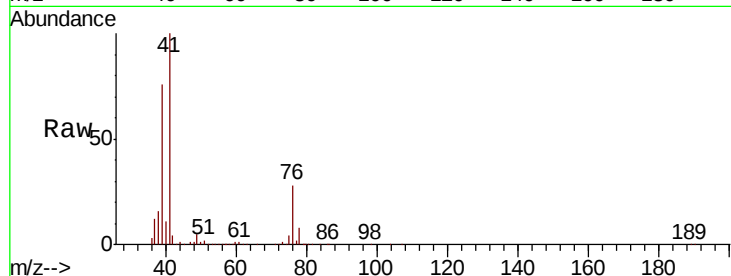
#21
Allvl Chloride
Concen: 9.812 ppbv
RT: 4.38 min Scan# 496
Delta R.T. -0.00 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
41	100		
76	27.6	22.2	33.2
39	78.9	62.6	93.8

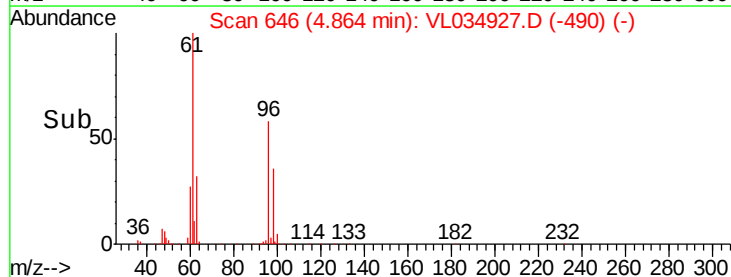
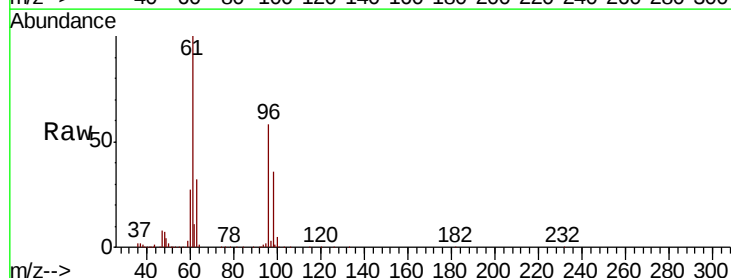
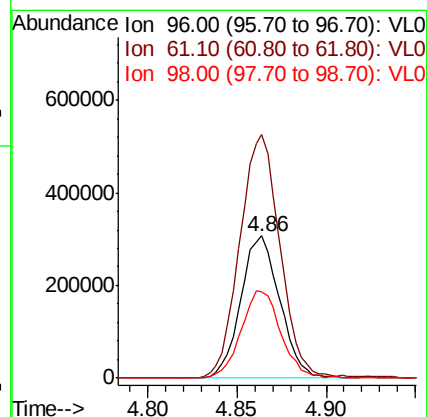
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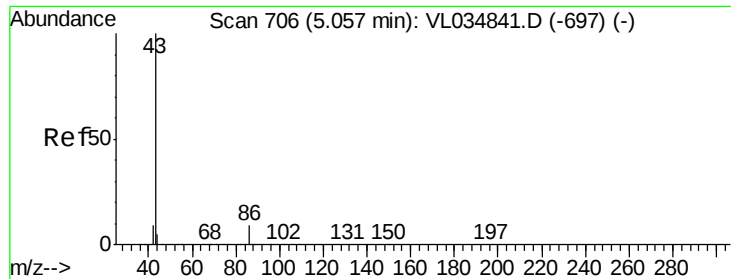
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#22
trans-1,2-Dichloroethene
Concen: 10.265 ppbv
RT: 4.86 min Scan# 646
Delta R.T. 0.00 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Tgt Ion	Ratio	Lower	Upper
96	100		
61	171.2	139.0	208.6
98	60.8	50.3	75.5





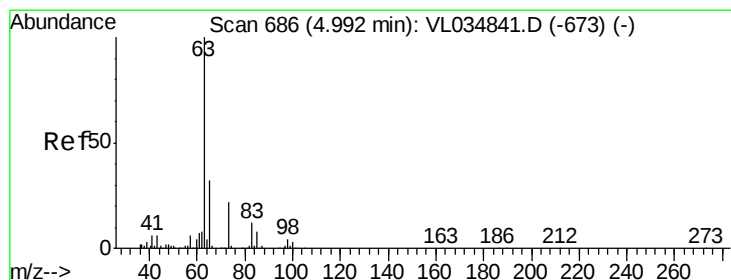
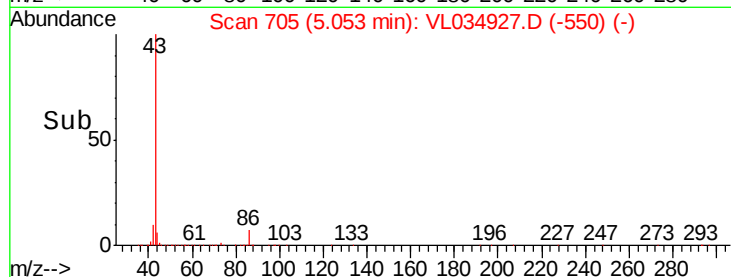
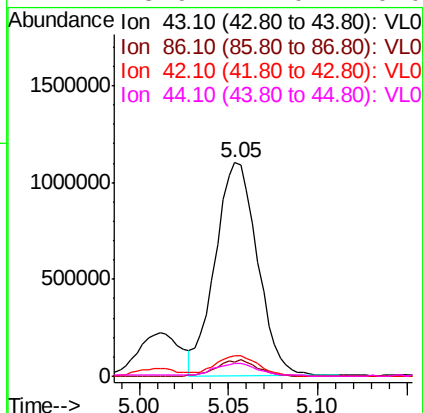
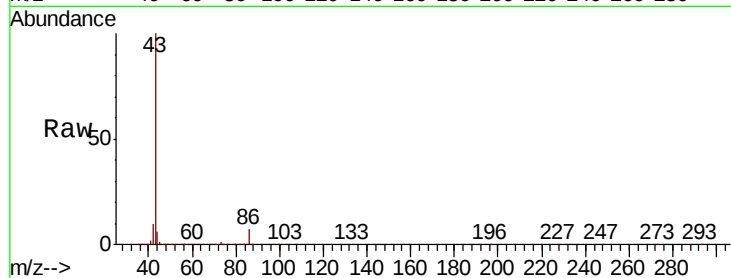
#23
 Vinyl Acetate
 Concen: 9.449 ppbv
 RT: 5.05 min Scan# 705
 Delta R.T. -0.00 min
 Lab File: VL034927.D
 Acq: 23 Mar 2020 11:48

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion:	43	Resp:	1808847
Ion	Ratio	Lower	Upper
43	100		
86	6.6	6.3	9.5
42	9.8	7.8	11.8
44	5.9	4.0	6.0

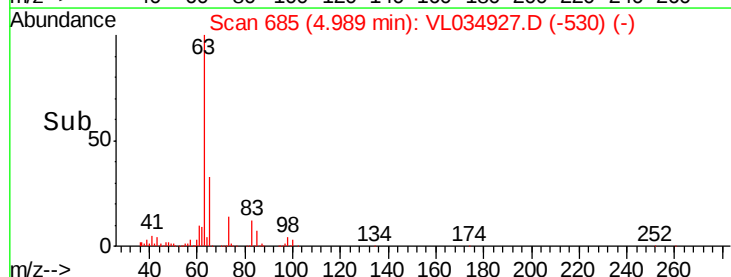
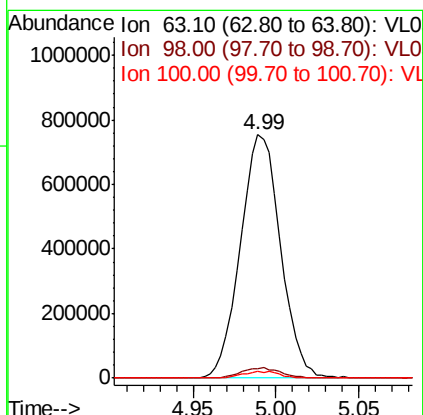
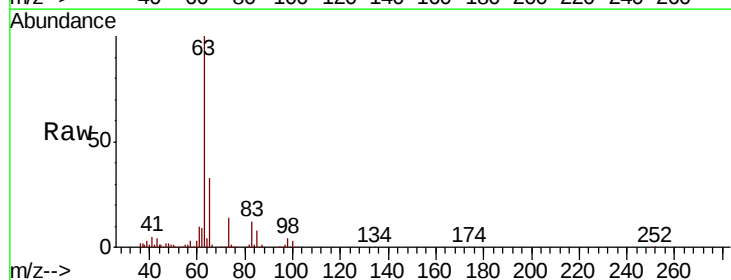
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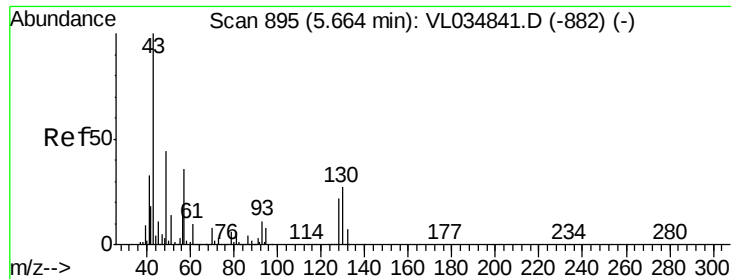
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#24
 1,1-Dichloroethane
 Concen: 9.835 ppbv
 RT: 4.99 min Scan# 685
 Delta R.T. -0.00 min
 Lab File: VL034927.D
 Acq: 23 Mar 2020 11:48

Tgt Ion:	63	Resp:	1262216
Ion	Ratio	Lower	Upper
63	100		
98	3.9	2.0	5.8
100	2.5	1.4	4.0





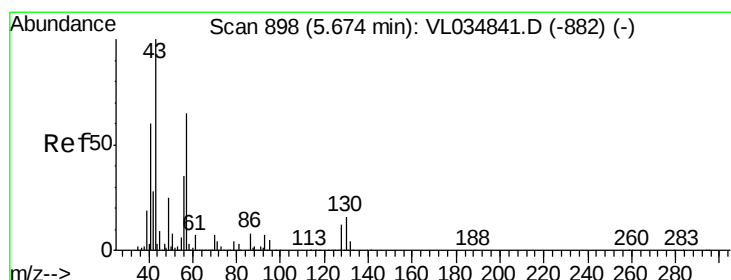
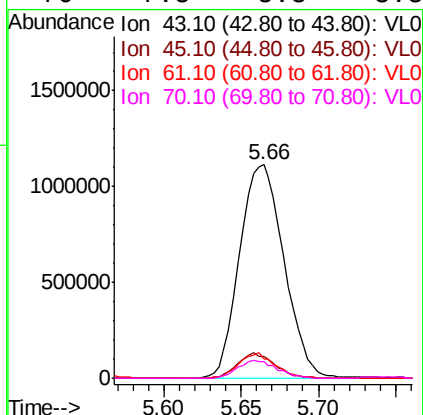
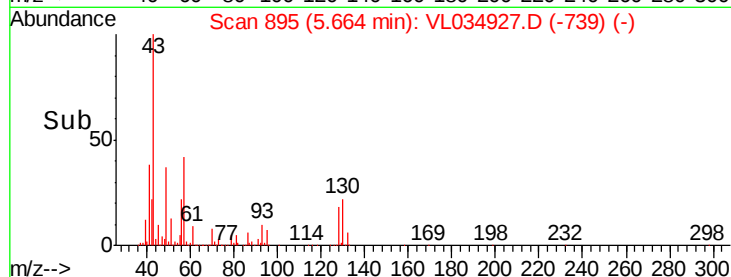
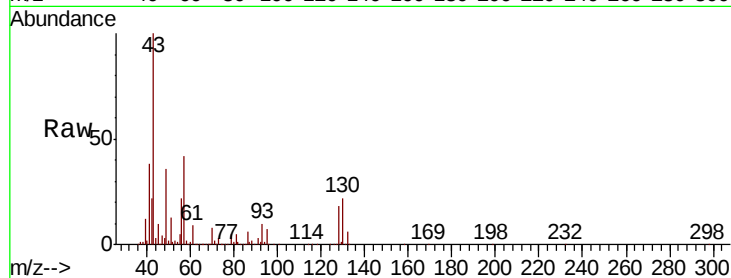
#25
Ethyl Acetate
Concen: 9.610 ppbv
RT: 5.66 min Scan# 895
Delta R.T. -0.00 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion	Ion	Ratio	Lower	Upper
43	100			
45	10.1	8.2	12.2	
61	9.9	7.8	11.6	
70	7.5	5.8	8.8	

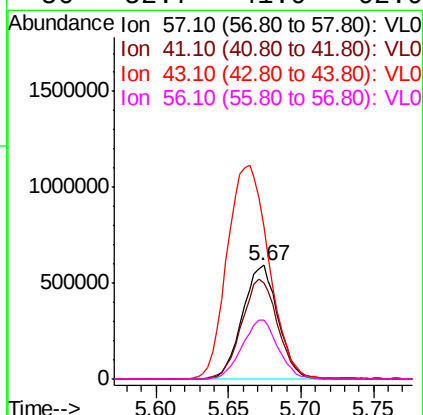
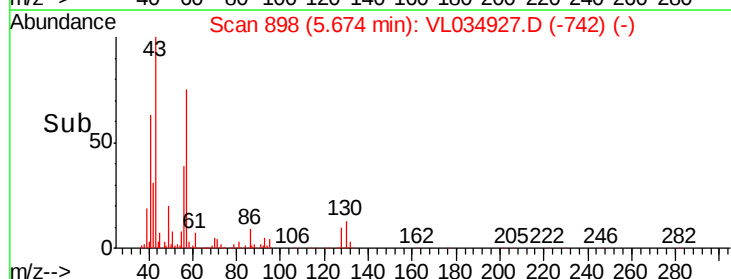
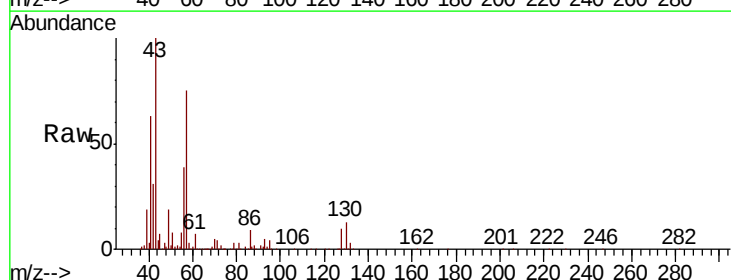
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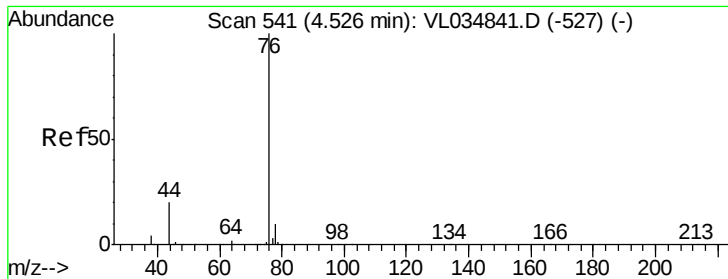
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#26
Hexane
Concen: 10.153 ppbv
RT: 5.67 min Scan# 898
Delta R.T. 0.00 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Tgt Ion	Ion	Ratio	Lower	Upper
57	100			
41	89.5	72.6	109.0	
43	221.6	183.8	275.6	
56	52.7	41.9	62.9	





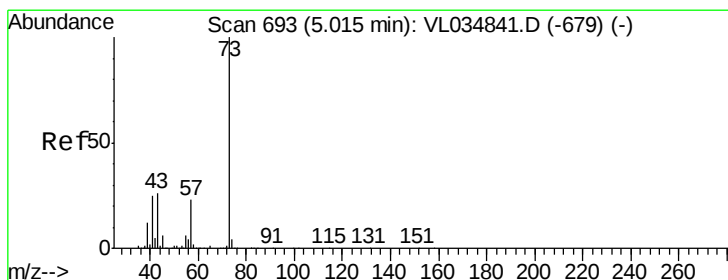
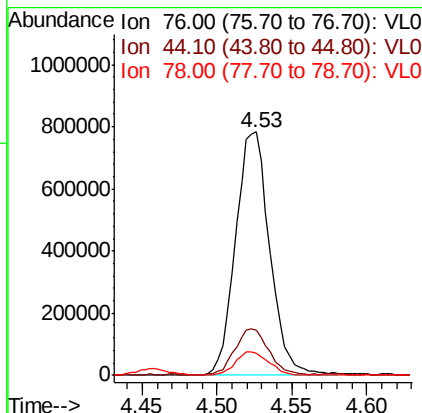
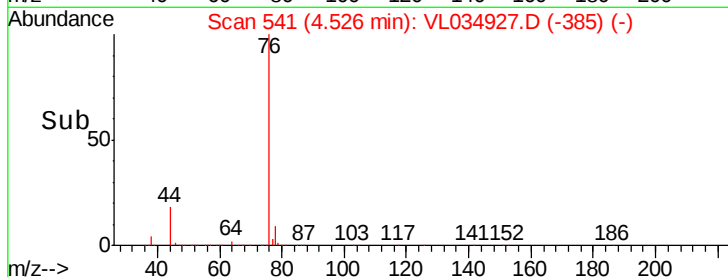
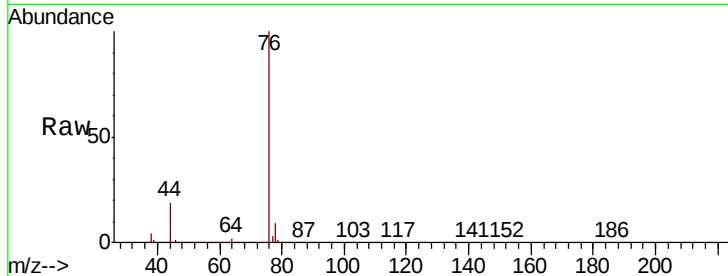
#27
Carbon Disulfide
Concen: 11.073 ppbv
RT: 4.53 min Scan# 541
Delta R.T. -0.00 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion: 76 Resp: 1249267
Ion Ratio Lower Upper
76 100
44 19.2 16.2 24.2
78 9.3 7.8 11.6

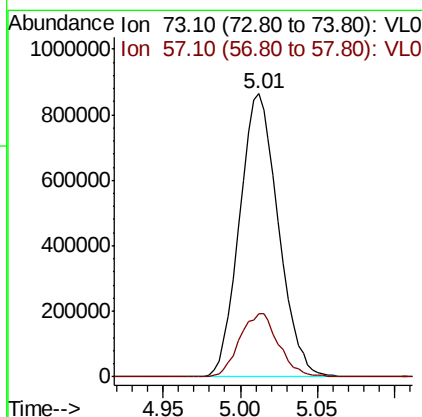
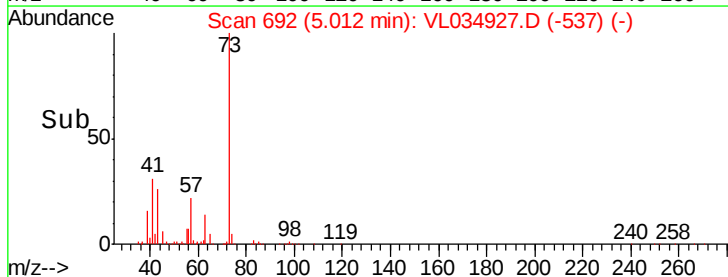
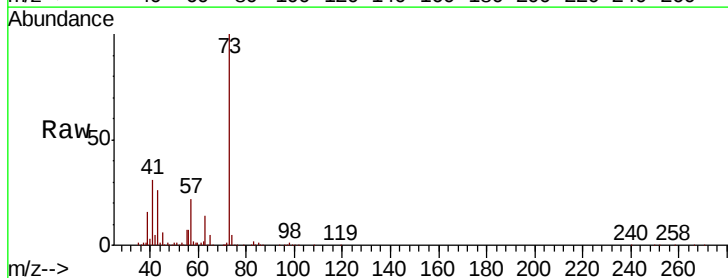
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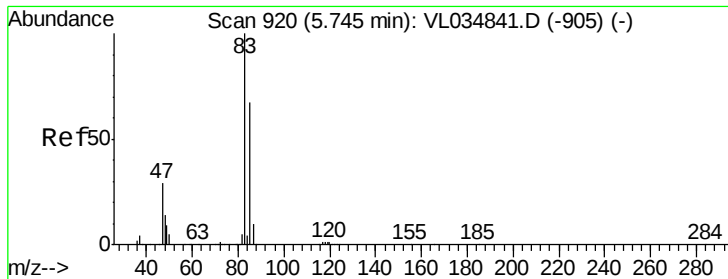
apatel
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#28
Methyl tert-Butyl Ether
Concen: 9.107 ppbv
RT: 5.01 min Scan# 692
Delta R.T. -0.00 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Tgt Ion: 73 Resp: 1506513
Ion Ratio Lower Upper
73 100
57 22.7 18.3 27.5





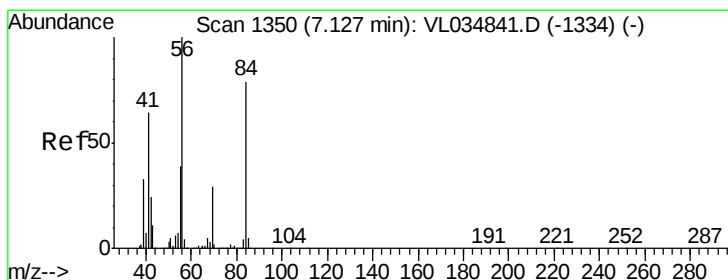
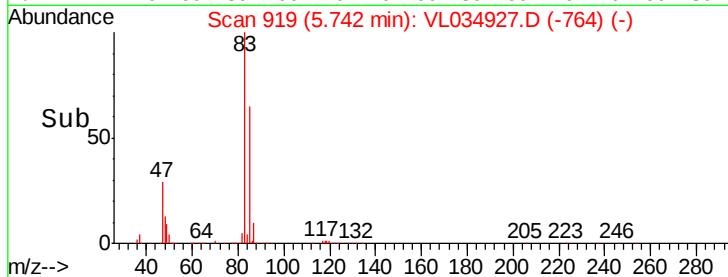
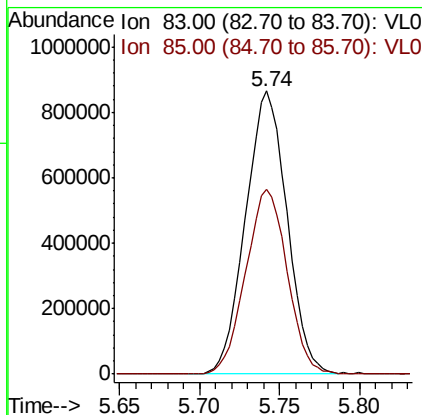
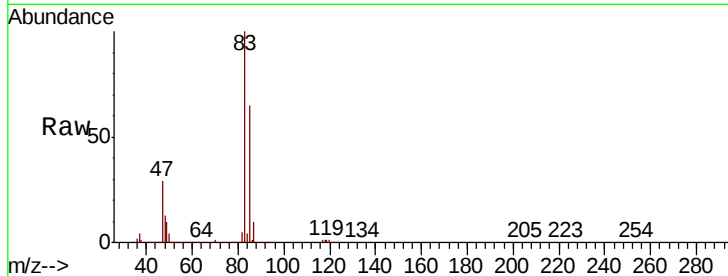
#29
Chloroform
Concen: 10.126 ppbv
RT: 5.74 min Scan# 919
Delta R.T. -0.00 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion: 83 Resp: 1536084
Ion Ratio Lower Upper
83 100
85 65.2 53.8 80.6

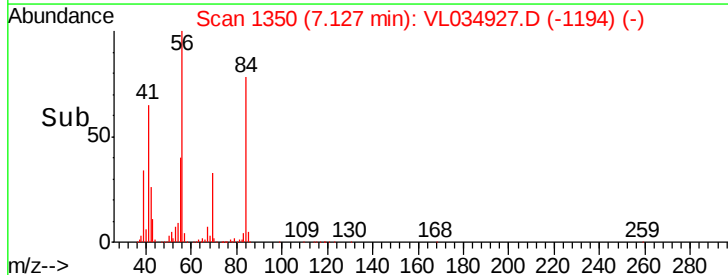
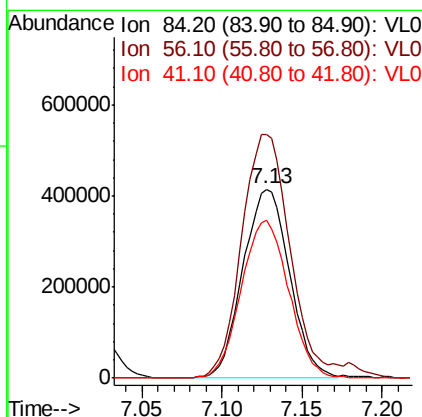
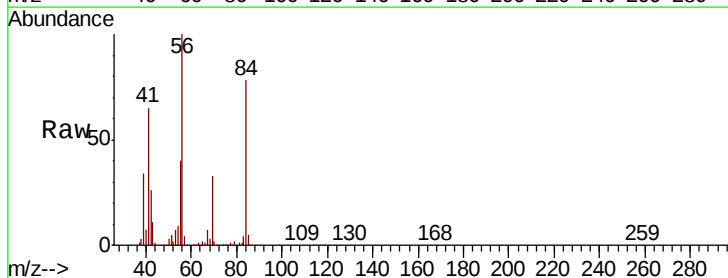
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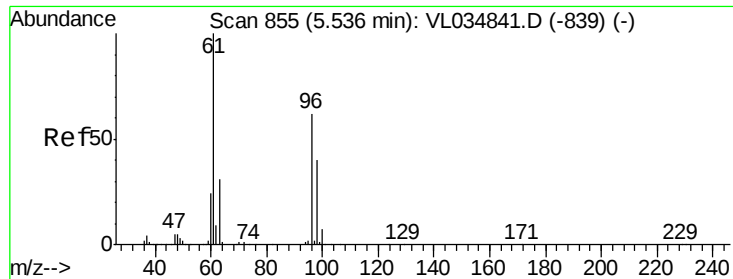
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#30
Cyclohexane
Concen: 9.986 ppbv
RT: 7.13 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Tgt Ion: 84 Resp: 828413
Ion Ratio Lower Upper
84 100
56 137.7 110.5 165.7
41 84.9 68.2 102.4





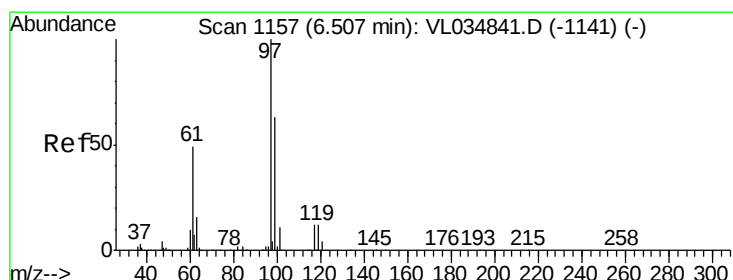
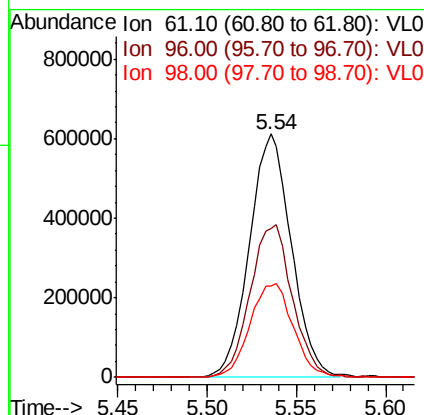
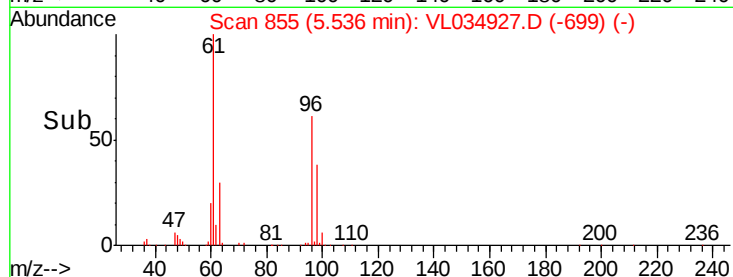
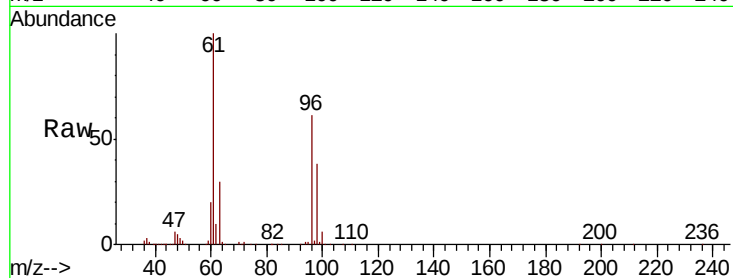
#31
 cis-1,2-Dichloroethene
 Concen: 9.897 ppbv
 RT: 5.54 min Scan# 855
 Delta R.T. 0.00 min
 Lab File: VL034927.D
 Acq: 23 Mar 2020 11:48

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion	Ratio	Lower	Upper
61	100		
96	61.2	49.8	74.8
98	37.7	32.2	48.4

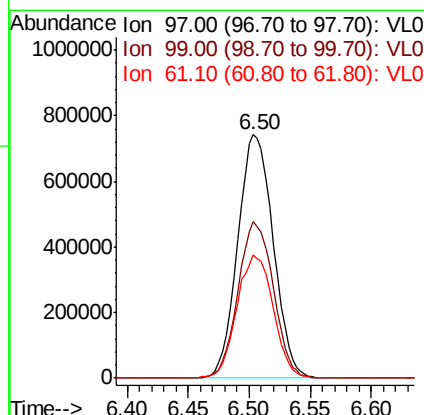
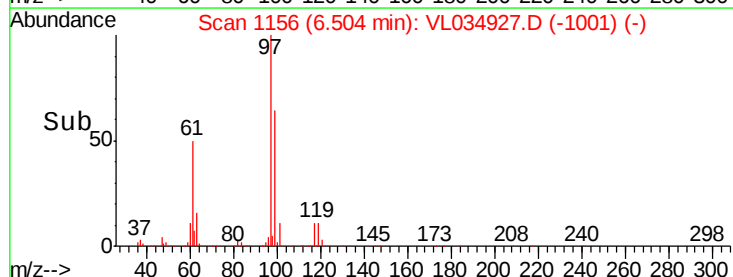
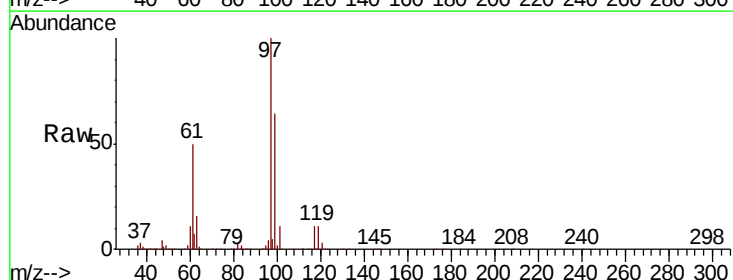
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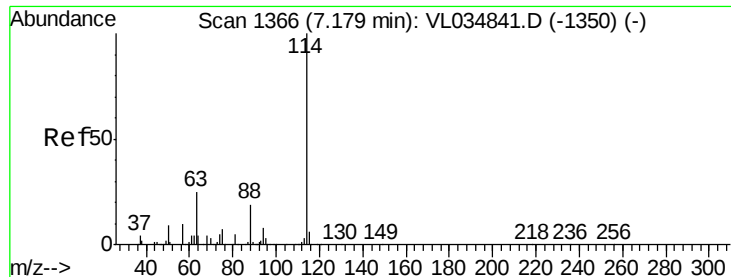
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#32
 1,1,1-Trichloroethane
 Concen: 10.100 ppbv
 RT: 6.50 min Scan# 1156
 Delta R.T. -0.00 min
 Lab File: VL034927.D
 Acq: 23 Mar 2020 11:48

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.1	76.7
61	51.6	39.7	59.5





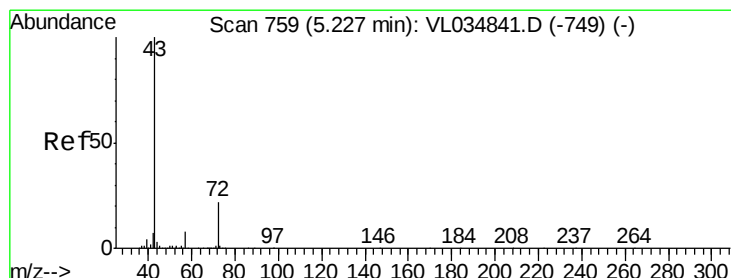
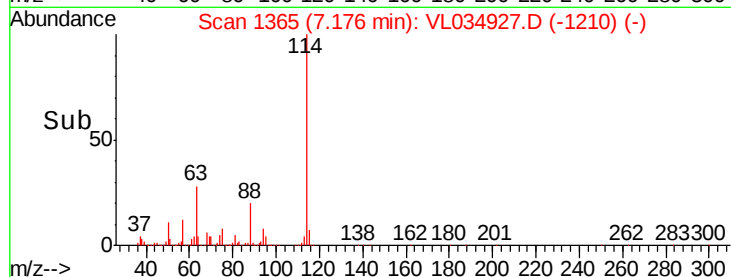
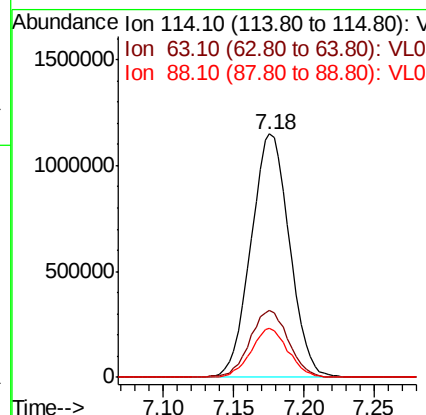
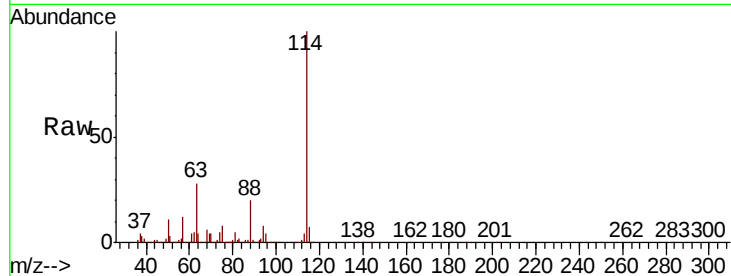
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VL034927.D
 Acq: 23 Mar 2020 11:48

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion	Ratio	Lower	Upper
114	100		
63	27.7	20.6	31.0
88	19.3	15.0	22.6

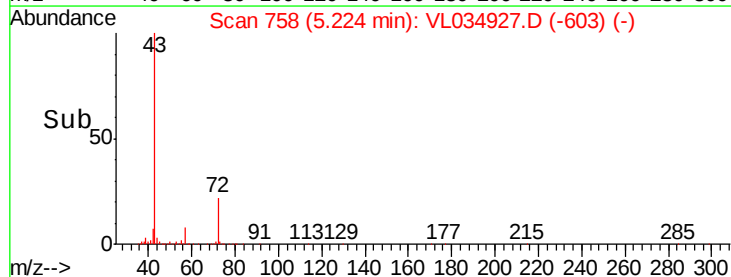
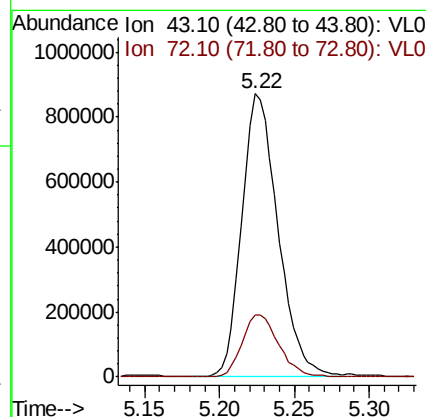
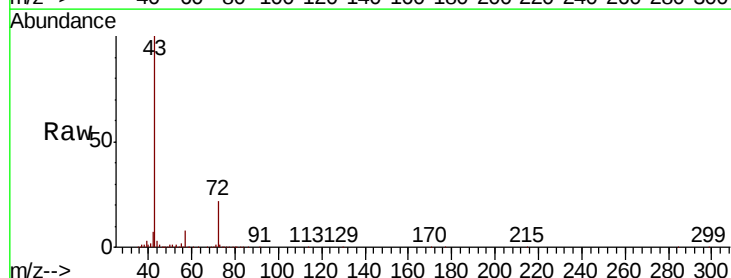
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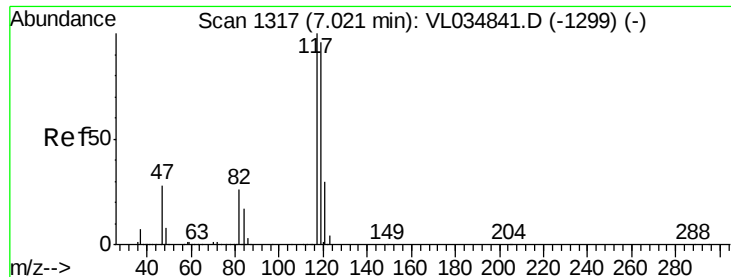
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#34
 2-Butanone
 Concen: 10.022 ppbv
 RT: 5.22 min Scan# 758
 Delta R.T. -0.00 min
 Lab File: VL034927.D
 Acq: 23 Mar 2020 11:48

Tgt Ion	Ratio	Lower	Upper
43	100		
72	22.3	17.6	26.4





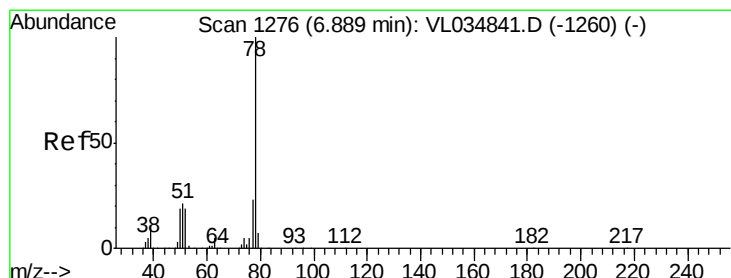
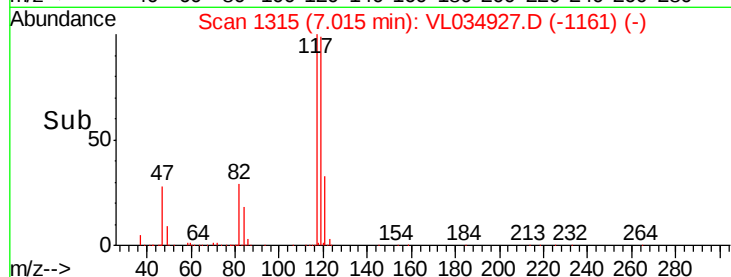
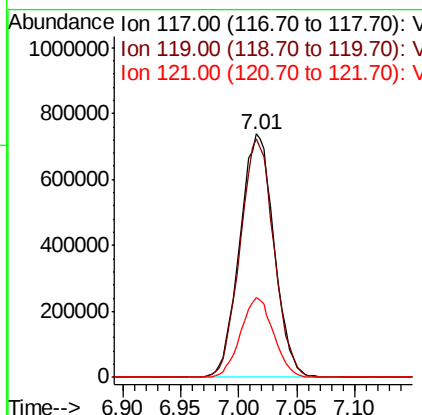
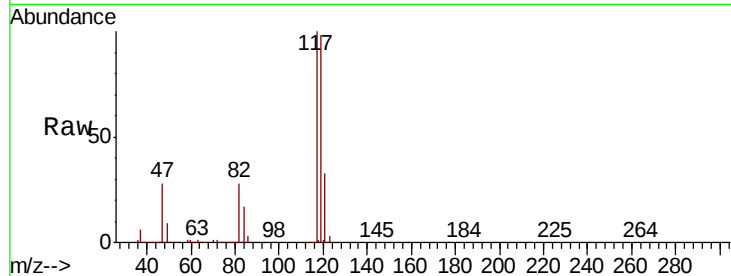
#35
Carbon Tetrachloride
Concen: 11.108 ppbv
RT: 7.01 min Scan# 1315
Delta R.T. -0.01 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
117	100		
119	98.0	77.0	115.4
121	32.7	24.0	36.0

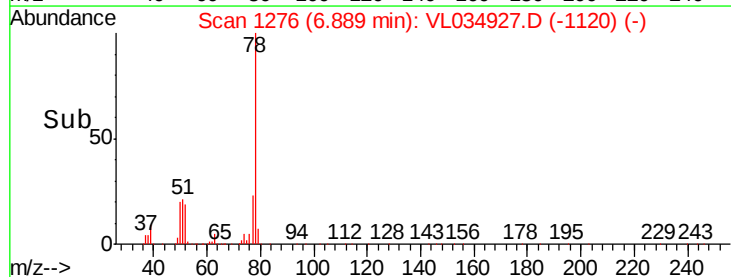
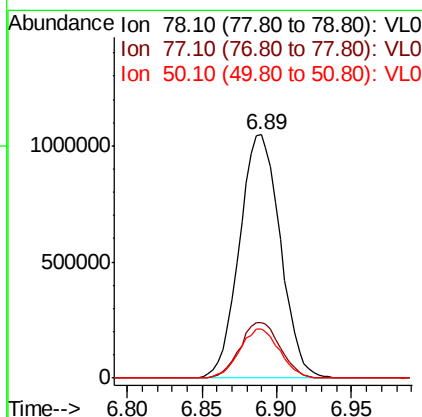
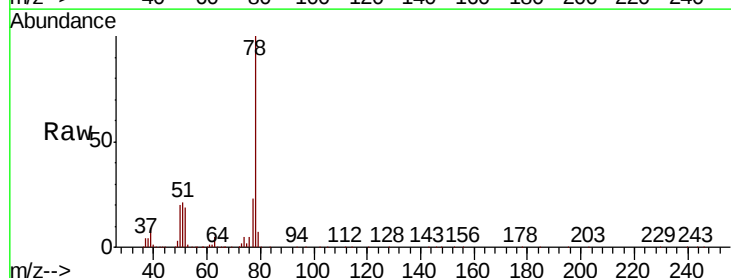
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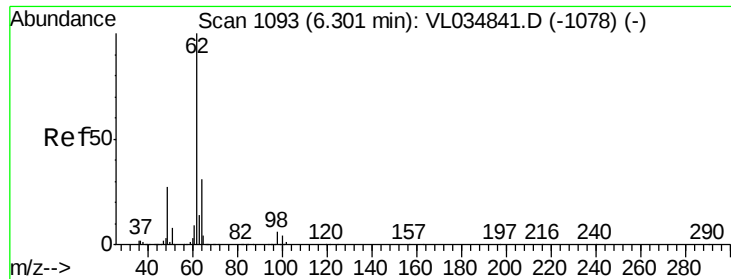
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#36
Benzene
Concen: 10.139 ppbv
RT: 6.89 min Scan# 1276
Delta R.T. 0.00 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.8	18.2	27.2
50	19.9	15.2	22.8





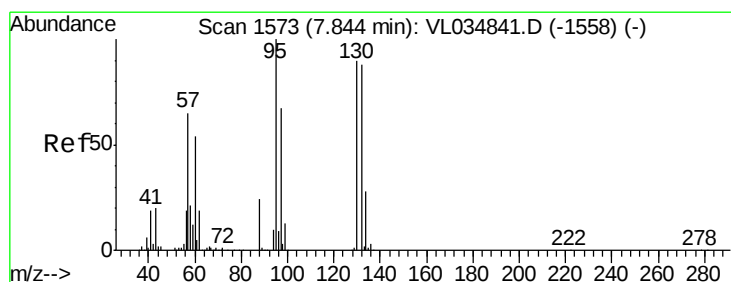
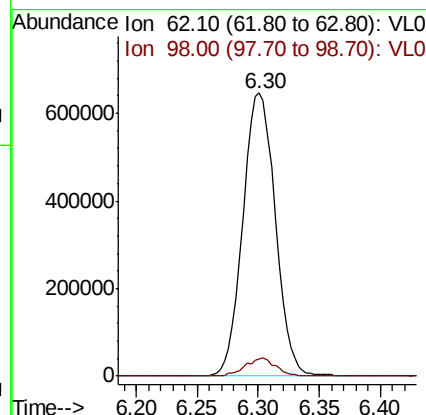
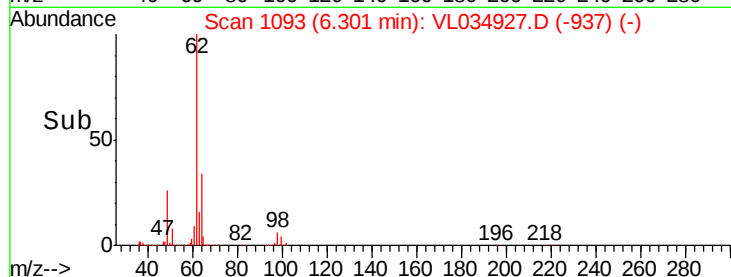
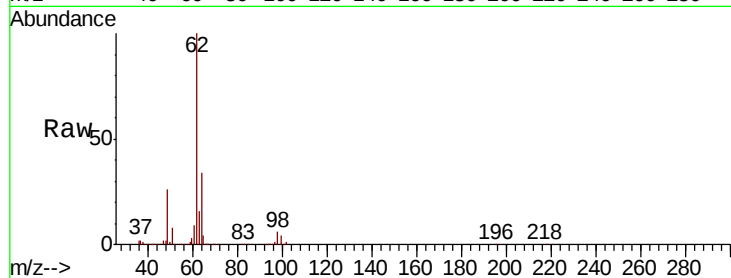
#37
 1,2-Dichloroethane
 Concen: 10.717 ppbv
 RT: 6.30 min Scan# 1093
 Delta R.T. 0.00 min
 Lab File: VL034927.D
 Acq: 23 Mar 2020 11:48

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion	Ratio	Lower	Upper
62	100		
98	6.0	5.2	7.8

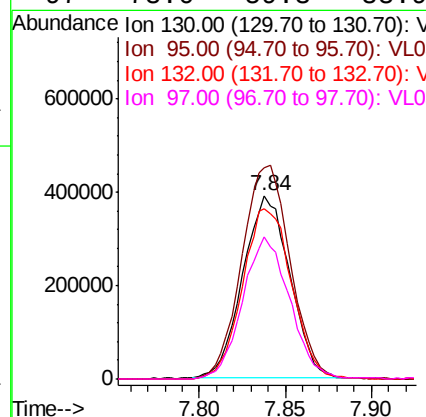
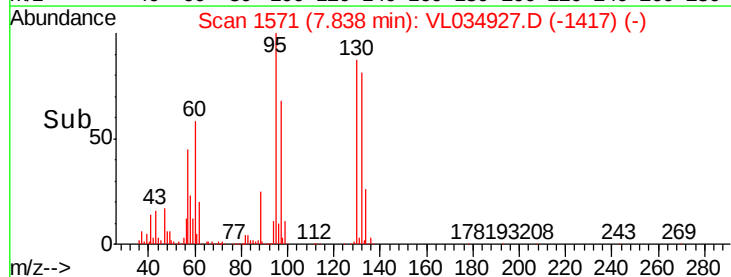
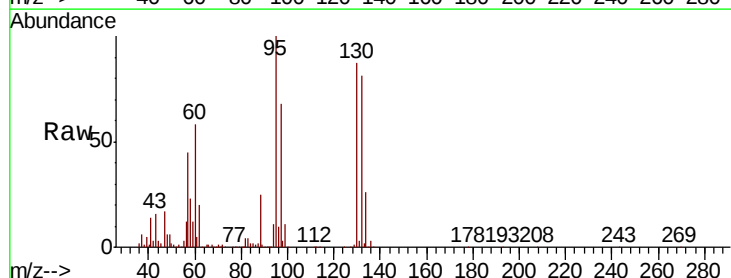
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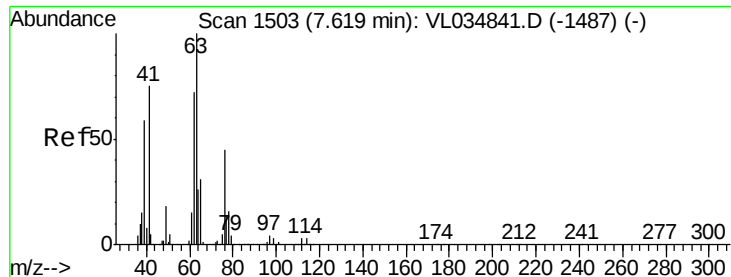
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#38
 Trichloroethene
 Concen: 9.979 ppbv
 RT: 7.84 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: VL034927.D
 Acq: 23 Mar 2020 11:48

Tgt Ion	Ratio	Lower	Upper
130	100		
95	115.2	88.5	132.7
132	93.4	78.0	117.0
97	78.0	59.3	88.9





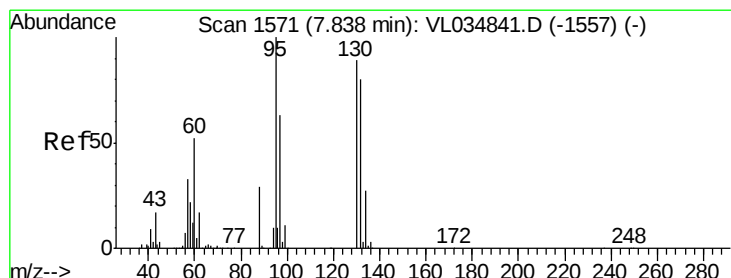
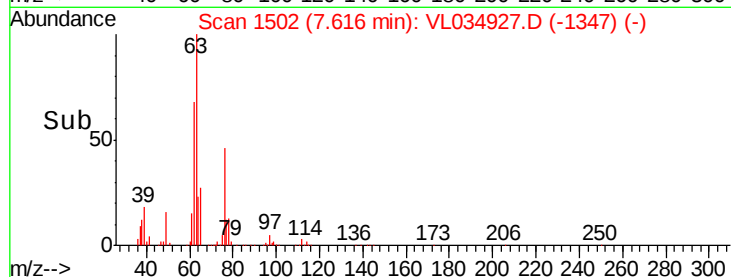
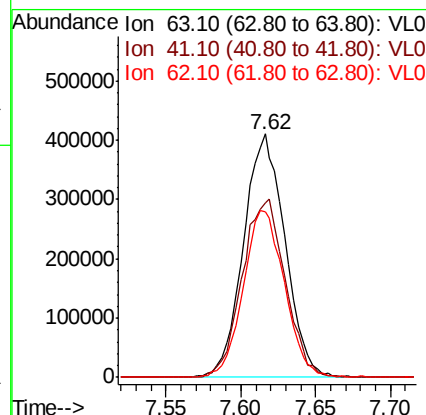
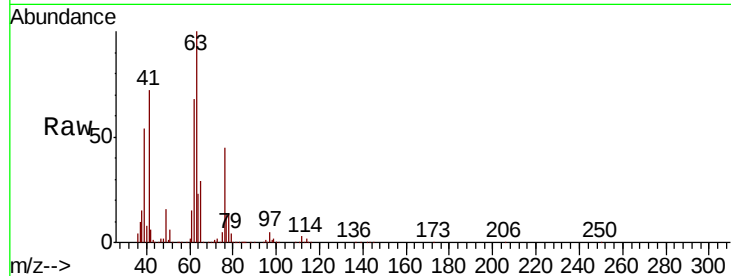
#39
 1,2-Dichloropropane
 Concen: 10.164 ppbv
 RT: 7.62 min Scan# 1502
 Delta R.T. -0.00 min
 Lab File: VL034927.D
 Acq: 23 Mar 2020 11:48

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion:	63	Resp:	789967
Ion Ratio	Lower	Upper	
63	100		
41	71.8	59.8	89.8
62	67.9	57.6	86.4

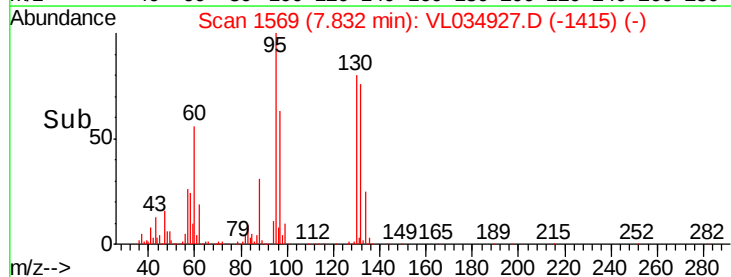
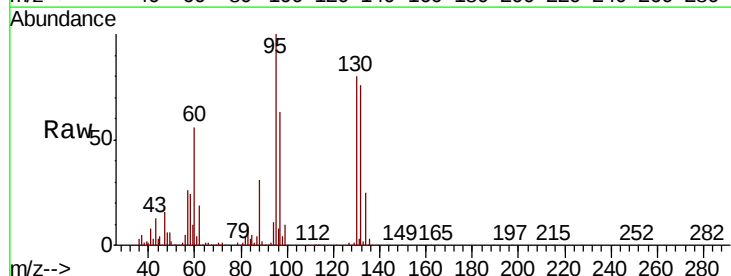
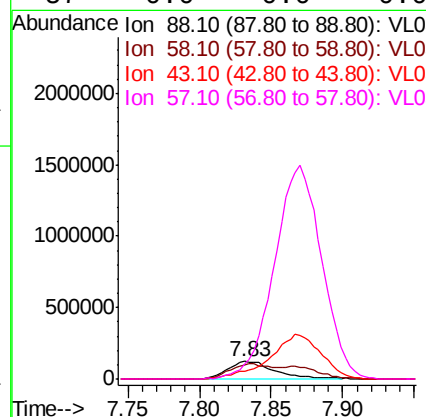
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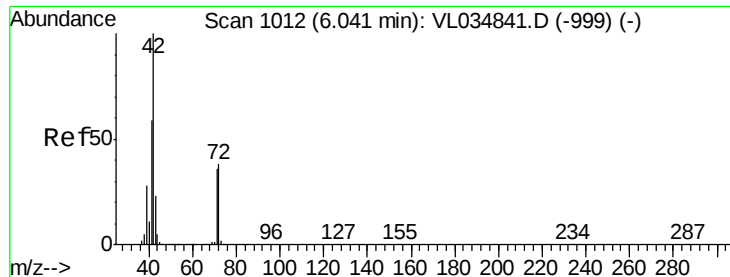
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#40
 1,4-Dioxane
 Concen: 9.629 ppbv m
 RT: 7.83 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: VL034927.D
 Acq: 23 Mar 2020 11:48

Tgt Ion:	88	Resp:	282659
Ion Ratio	Lower	Upper	
88	100		
58	132.7	103.9	155.9
43	0.0	0.0	0.0
57	0.0	0.0	0.0





#41

Tetrahydrofuran

Concen: 10.393 ppbv

RT: 6.03 min Scan# 1010

Delta R.T. -0.01 min

Lab File: VL034927.D

Acq: 23 Mar 2020 11:48

Instrument :

MSVOA_L

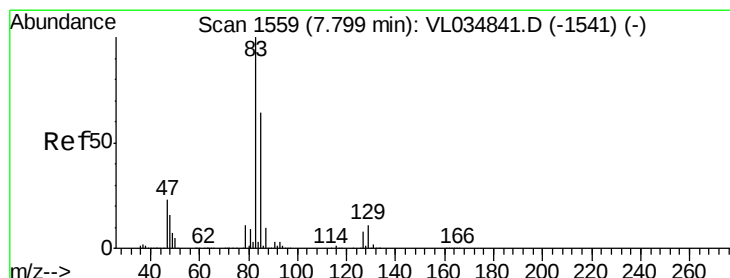
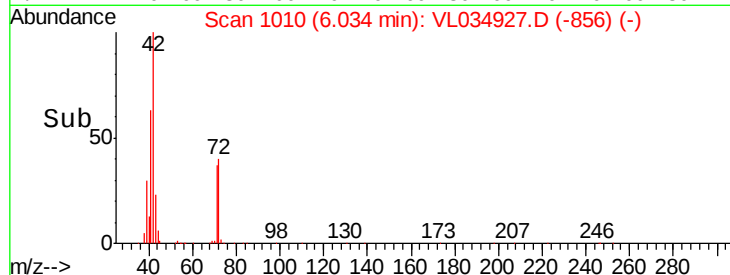
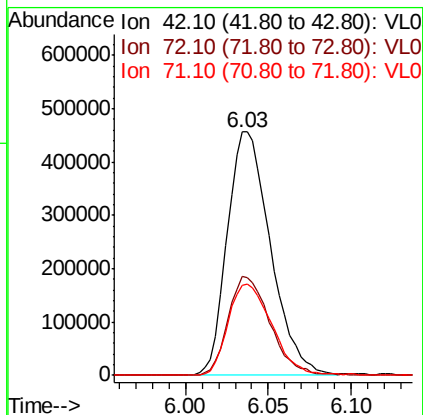
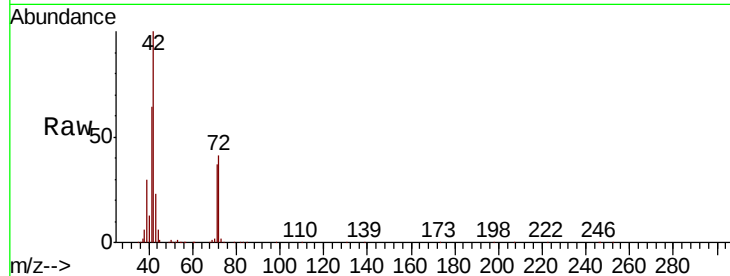
ClientSampleId :

VSTDCCC010

Tot Ion:	42	Resp:	822533
Ion Ratio		Lower	Upper
42	100		
72	39.8	30.8	46.2
71	38.4	30.1	45.1

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#42

Bromodichloromethane

Concen: 11.043 ppbv

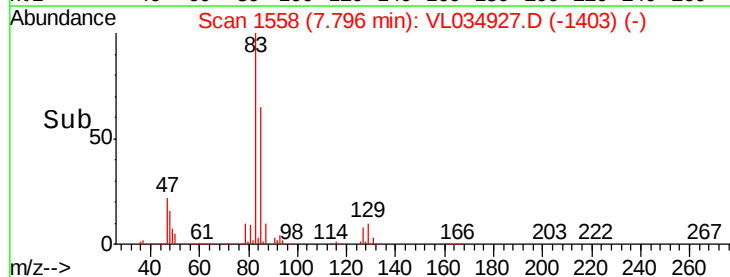
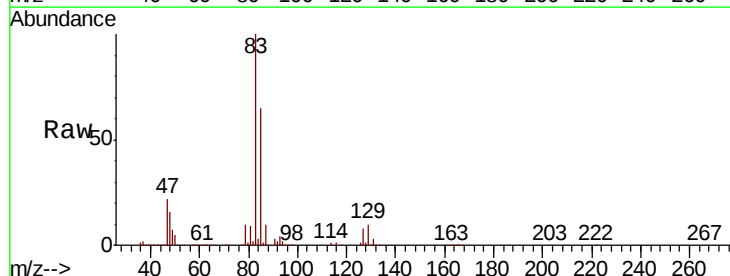
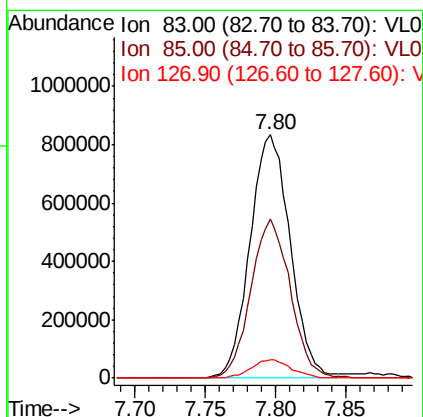
RT: 7.80 min Scan# 1558

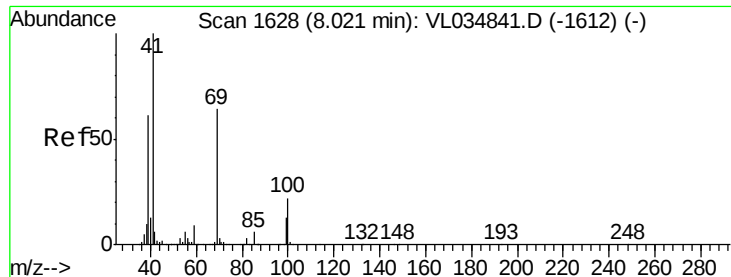
Delta R.T. -0.00 min

Lab File: VL034927.D

Acq: 23 Mar 2020 11:48

Tgt Ion:	83	Resp:	1664895
Ion Ratio		Lower	Upper
83	100		
85	65.5	51.4	77.2
127	7.7	6.2	9.4





#43

Methyl Methacrylate

Concen: 10.845 ppbv

RT: 8.01 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VL034927.D

Acq: 23 Mar 2020 11:48

Instrument :

MSVOA_L

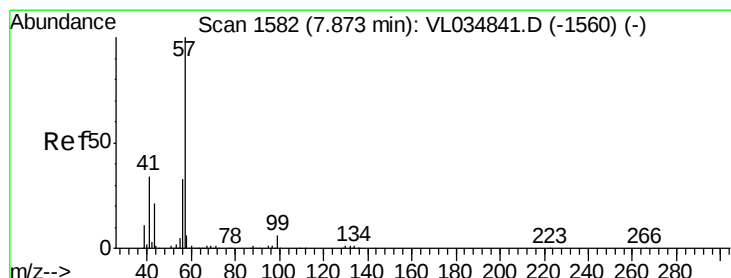
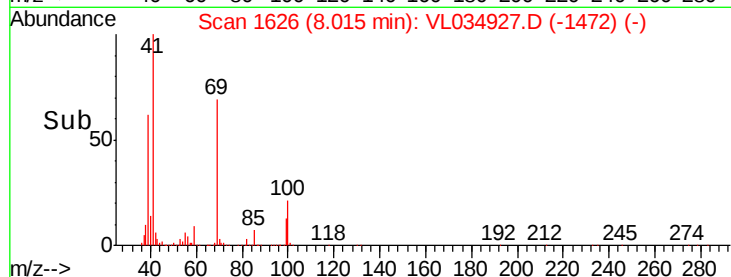
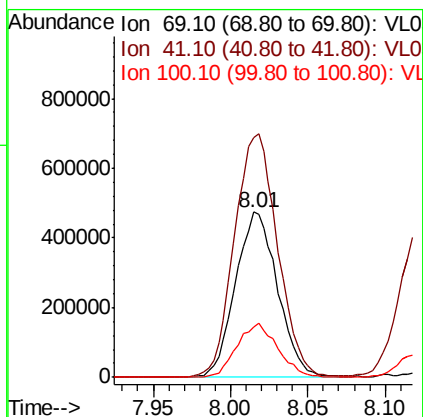
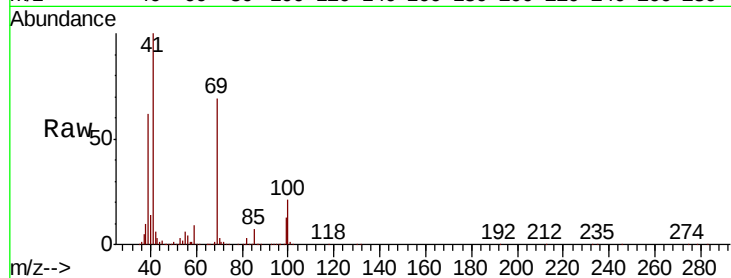
ClientSampleId :

VSTDCCC010

Tot Ion:	69.10	Resp:	896305
Ion Ratio	Lower	Upper	
69	100		
41	151.1	123.2	184.8
100	31.7	26.9	40.3

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#44

2,2,4-Trimethylpentane

Concen: 10.415 ppbv

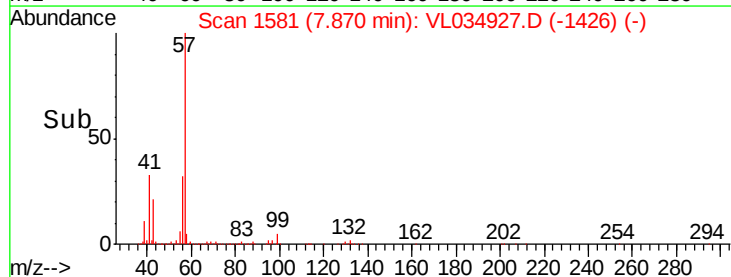
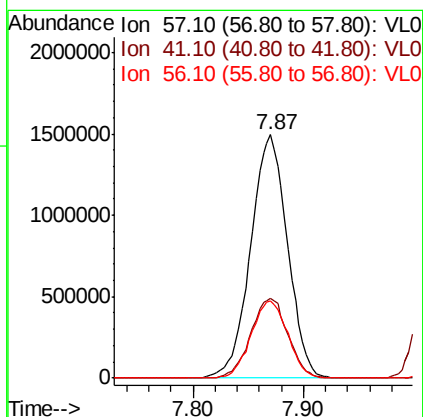
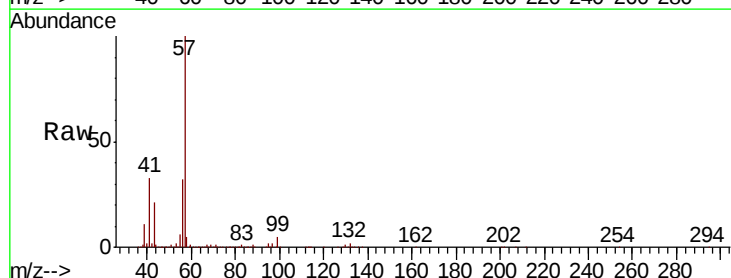
RT: 7.87 min Scan# 1581

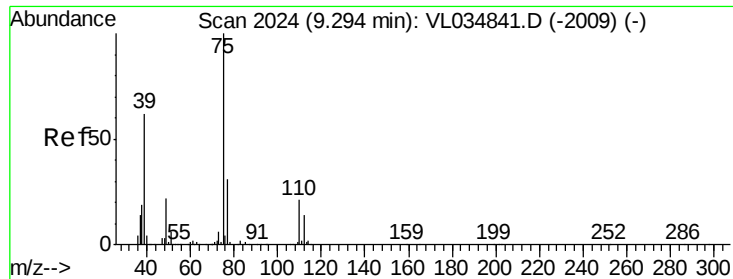
Delta R.T. -0.00 min

Lab File: VL034927.D

Acq: 23 Mar 2020 11:48

Tgt Ion:	57	Resp:	3452536
Ion Ratio	Lower	Upper	
57	100		
41	33.1	26.2	39.4
56	31.6	25.0	37.4





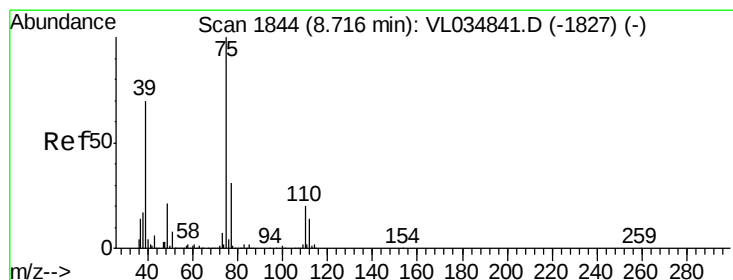
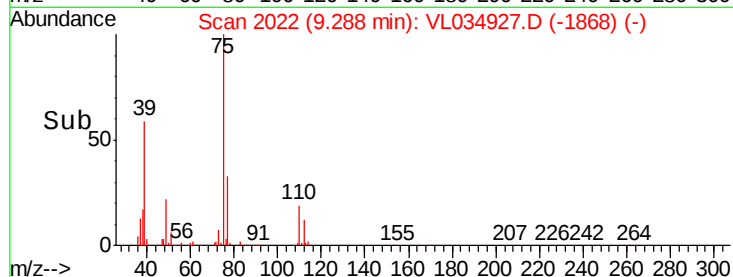
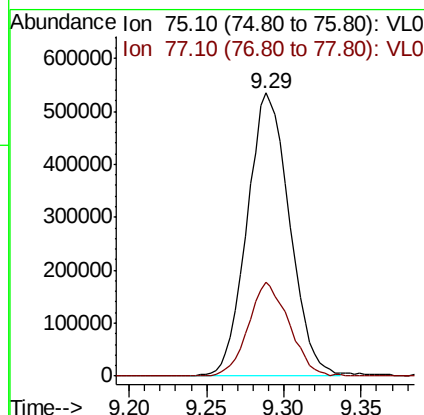
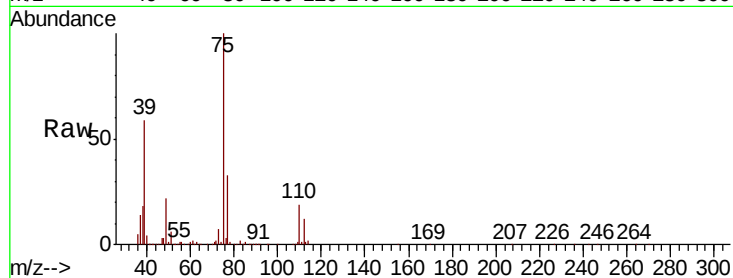
#45
t-1,3-Dichloropropene
Concen: 10.547 ppbv
RT: 9.29 min Scan# 2022
Delta R.T. -0.01 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion: 75 Resp: 1024146
Ion Ratio Lower Upper
75 100
77 33.3 24.6 37.0

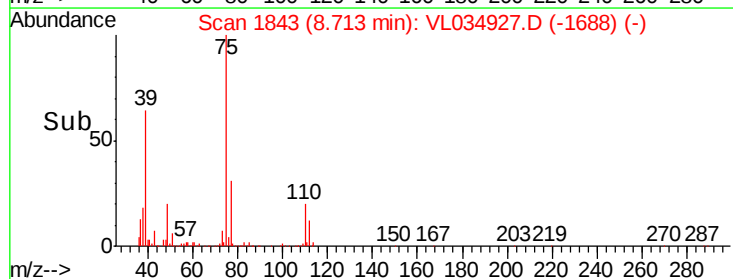
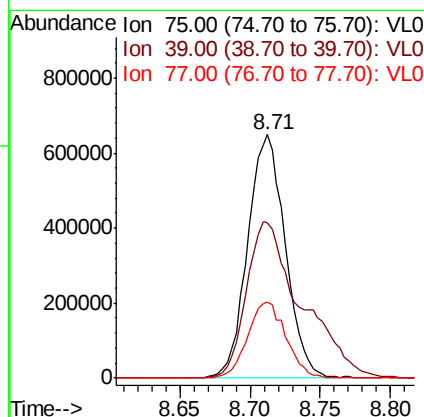
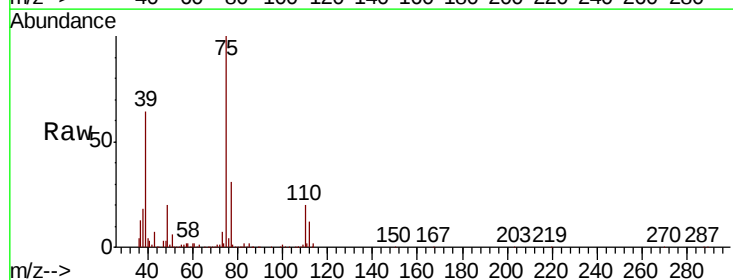
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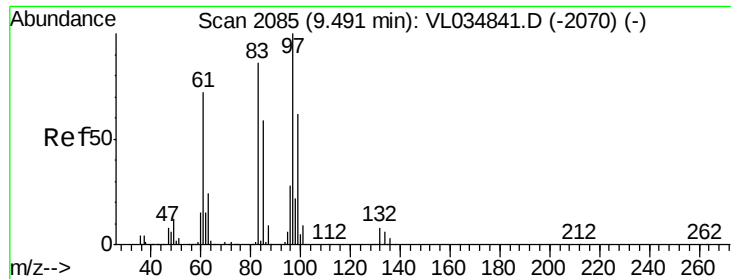
apatel
3/25/2020 11:54:05 AM



#46
cis-1,3-Dichloropropene
Concen: 10.502 ppbv
RT: 8.71 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Tgt Ion: 75 Resp: 1211786
Ion Ratio Lower Upper
75 100
39 63.7 55.7 83.5
77 31.3 24.7 37.1





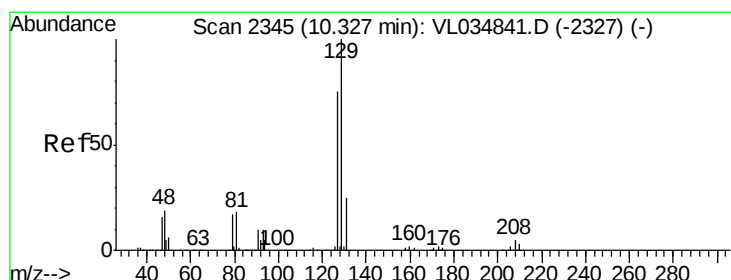
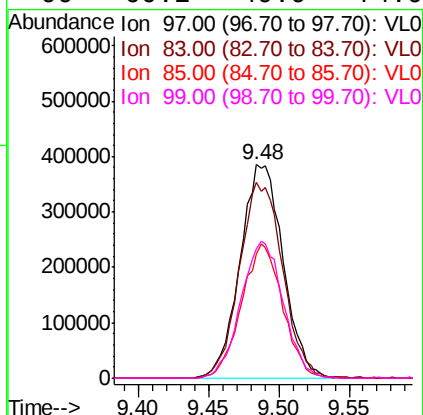
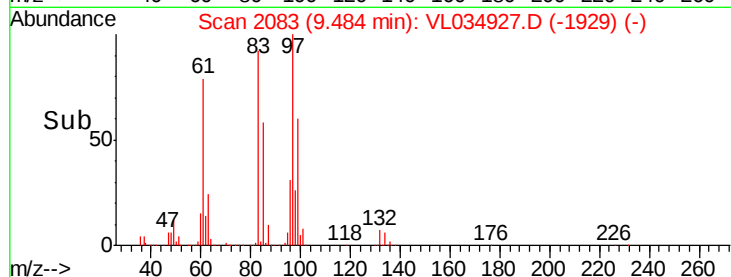
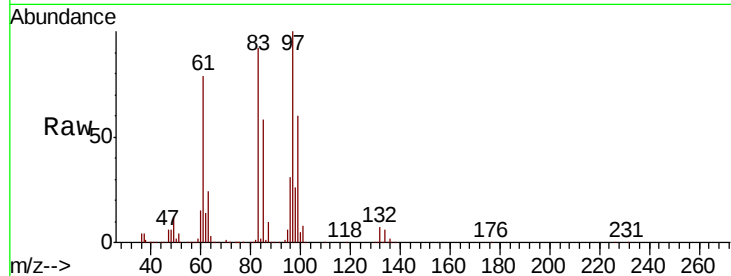
#47
 1,1,2-Trichloroethane
 Concen: 10.348 ppbv
 RT: 9.48 min Scan# 2083
 Delta R.T. -0.01 min
 Lab File: VL034927.D
 Acq: 23 Mar 2020 11:48

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion	Ion	Ratio	Lower	Upper
97	100			
83	91.7	68.6	102.8	
85	58.4	46.9	70.3	
99	60.2	49.9	74.9	

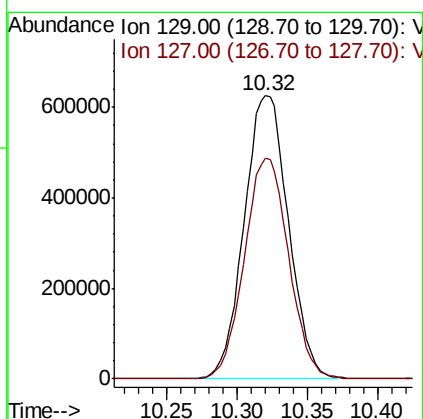
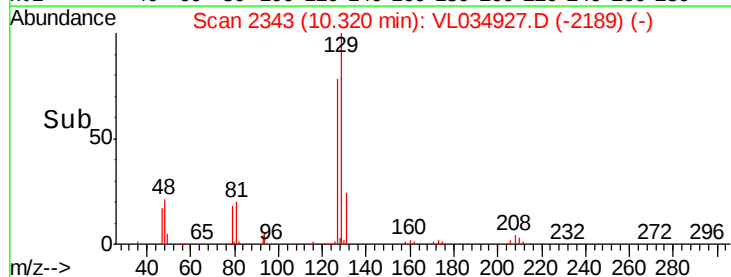
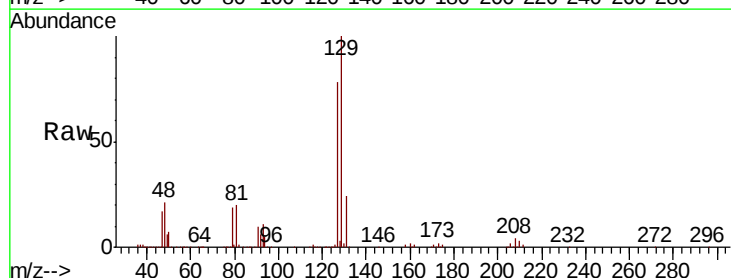
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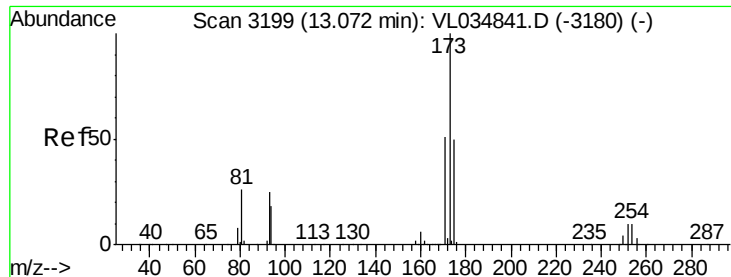
apatel
 3/25/2020 11:54:05 AM



#48
 Dibromochloromethane
 Concen: 10.640 ppbv
 RT: 10.32 min Scan# 2343
 Delta R.T. -0.01 min
 Lab File: VL034927.D
 Acq: 23 Mar 2020 11:48

Tgt Ion	Ion	Ratio	Lower	Upper
129	100			
127	78.2	39.6	118.7	





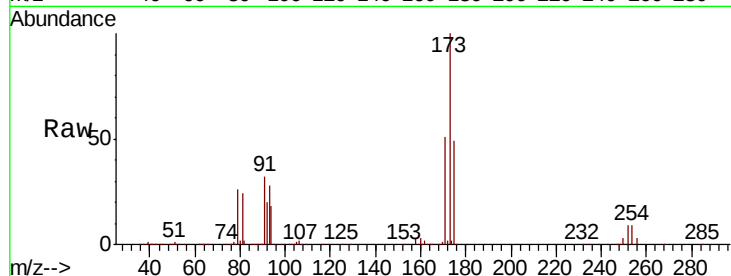
#49
Bromoform
Concen: 10.796 ppbv
RT: 13.06 min Scan# 3196
Delta R.T. -0.01 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.2	39.6	59.4
171	51.0	41.0	61.6

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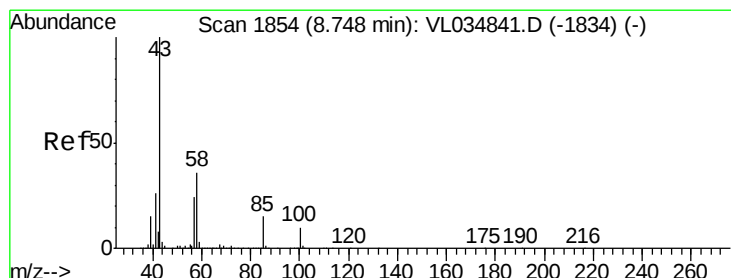
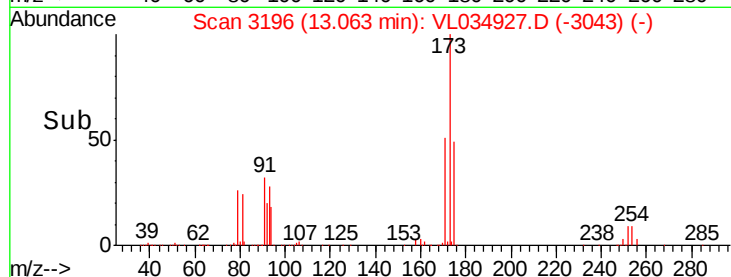
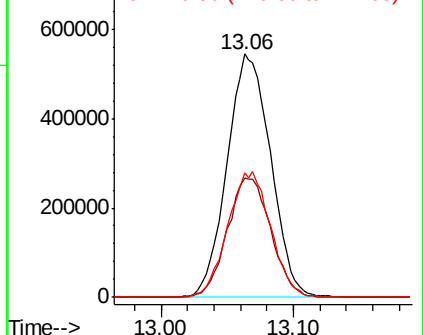


Abundance

Ion 172.90 (172.60 to 173.60): V

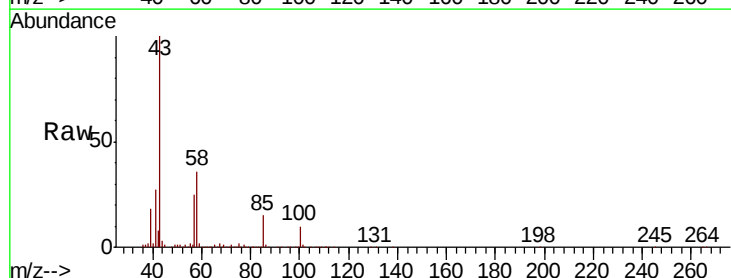
Ion 174.90 (174.60 to 175.60): V

Ion 170.90 (170.60 to 171.60): V



#50
4-Methyl-2-Pentanone
Concen: 10.564 ppbv
RT: 8.74 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

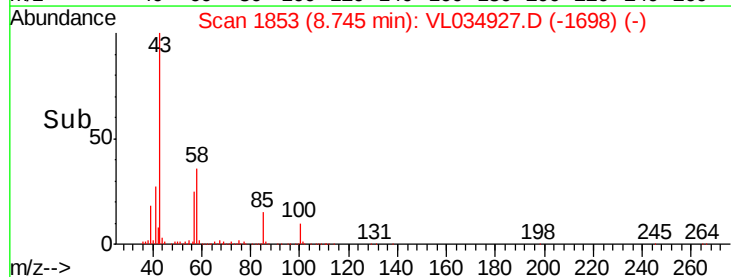
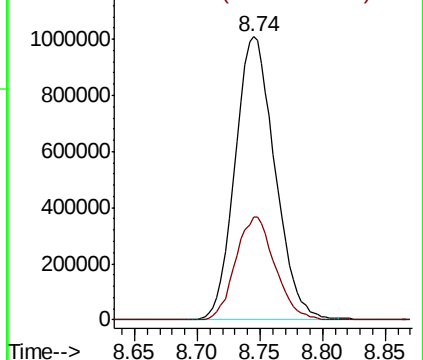
Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.0	28.6	42.8

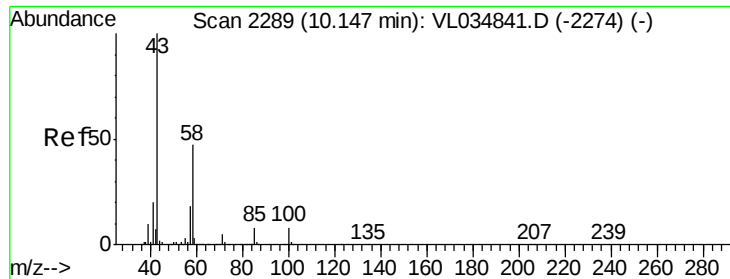


Abundance

Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





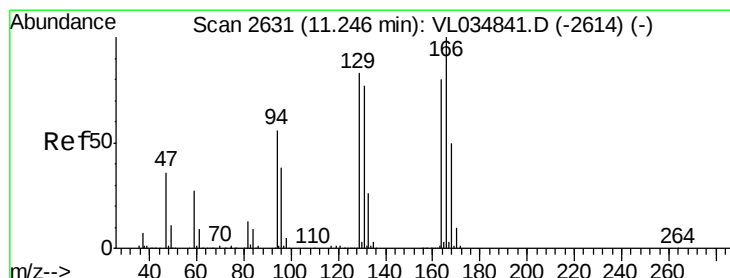
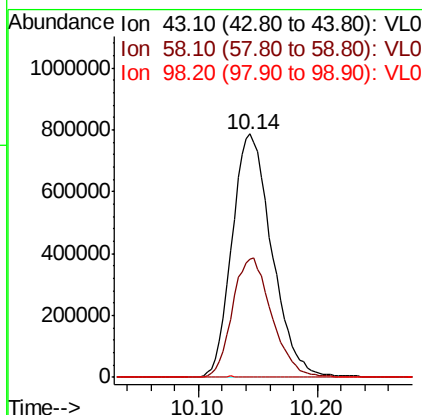
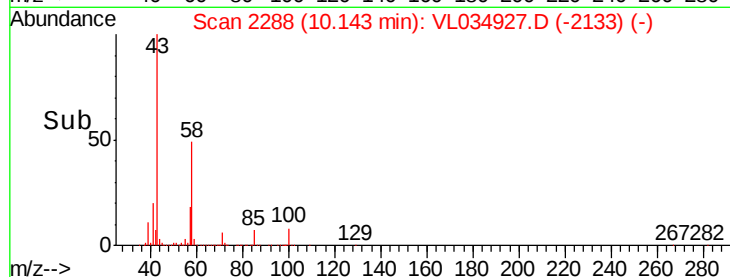
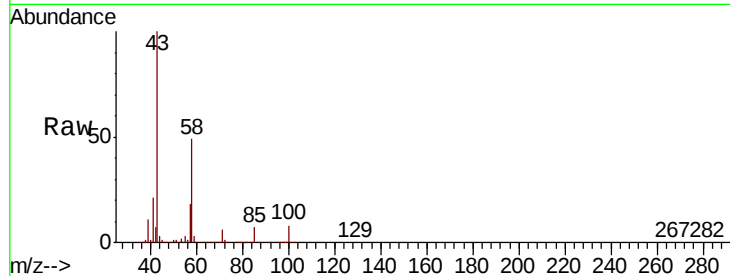
#51
2-Hexanone
Concen: 10.644 ppbv
RT: 10.14 min Scan# 2288
Delta R.T. -0.00 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion: 43 Resp: 1821199
Ion Ratio Lower Upper
43 100
58 48.5 38.6 58.0
98 0.4 0.1 0.1#

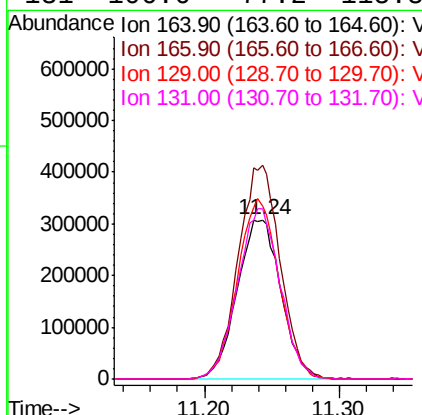
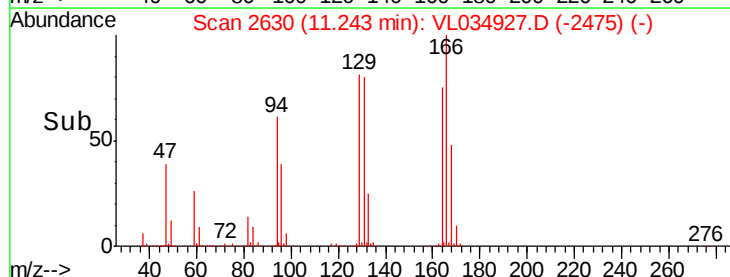
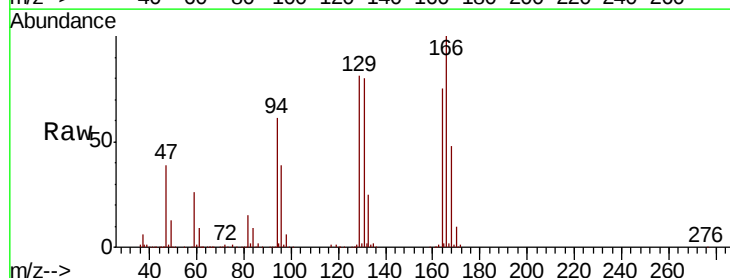
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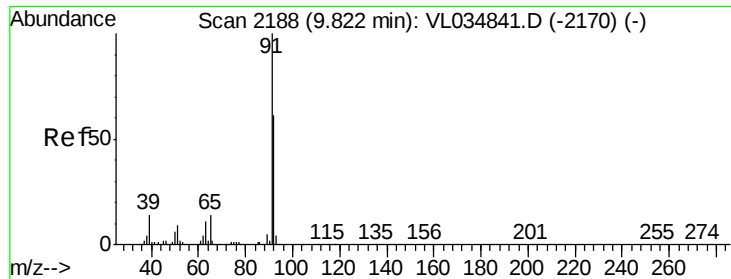
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#52
Tetrachloroethene
Concen: 8.901 ppbv m
RT: 11.24 min Scan# 2630
Delta R.T. -0.00 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Tgt Ion: 164 Resp: 690819
Ion Ratio Lower Upper
164 100
166 134.0 100.0 150.0
129 108.4 83.1 124.7
131 106.6 77.2 115.8





#53

Toluene

Concen: 10.207 ppbv

RT: 9.82 min Scan# 2186

Delta R.T. -0.01 min

Lab File: VL034927.D

Acq: 23 Mar 2020 11:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion: 91 Resp: 2312437

Ion Ratio Lower Upper

91 100

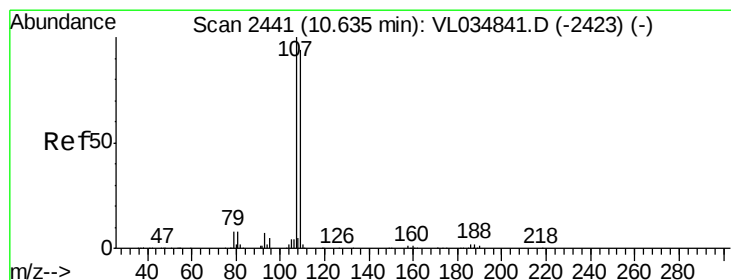
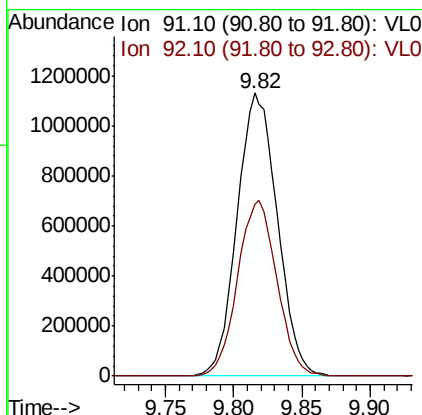
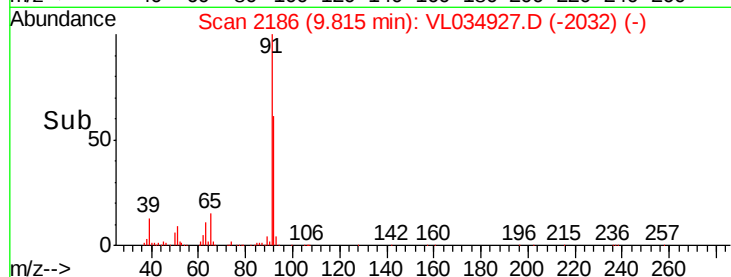
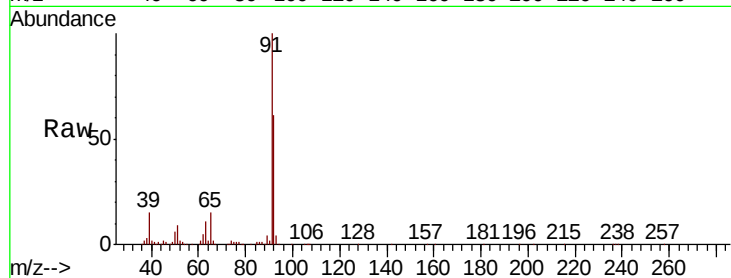
92 60.8 48.6 72.8

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#54

1,2-Dibromoethane

Concen: 10.442 ppbv

RT: 10.63 min Scan# 2439

Delta R.T. -0.01 min

Lab File: VL034927.D

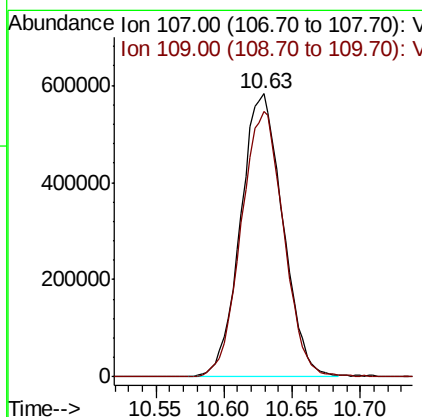
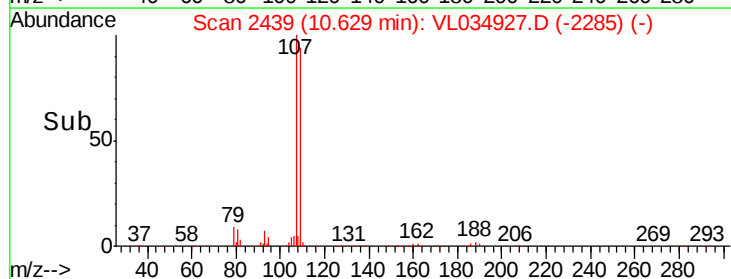
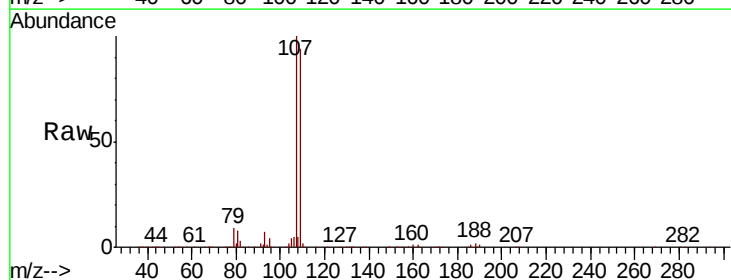
Acq: 23 Mar 2020 11:48

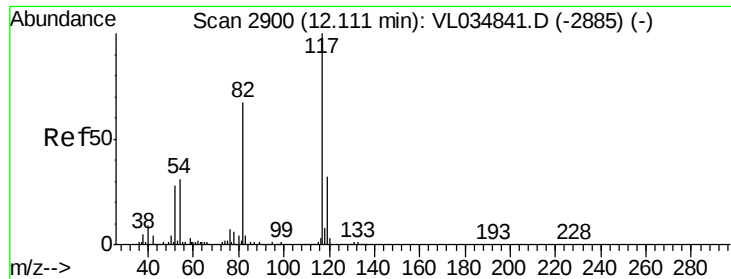
Tgt Ion: 107 Resp: 1253809

Ion Ratio Lower Upper

107 100

109 93.6 74.9 112.3





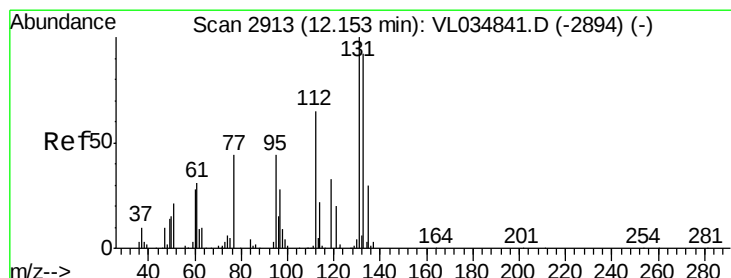
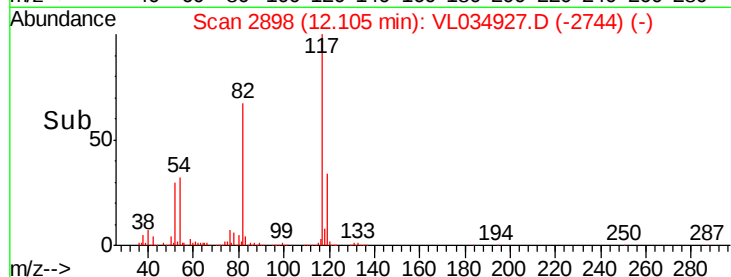
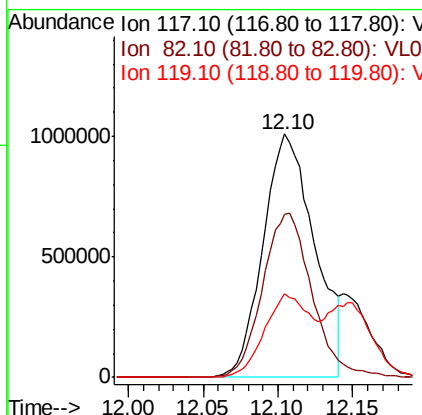
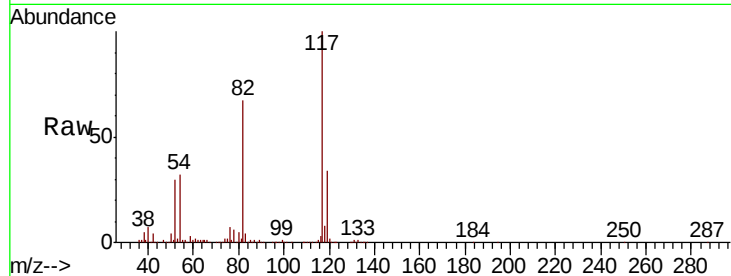
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2898
Delta R.T. -0.01 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
117	100		
82	65.2	51.1	76.7
119	30.9	27.3	40.9

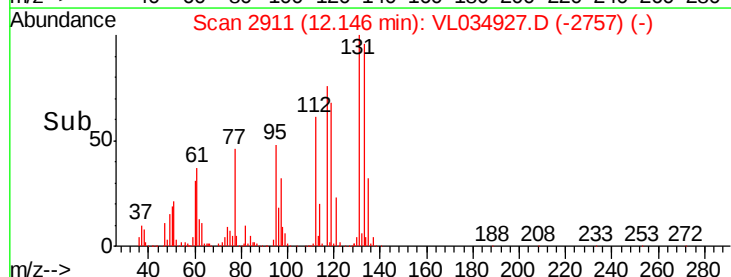
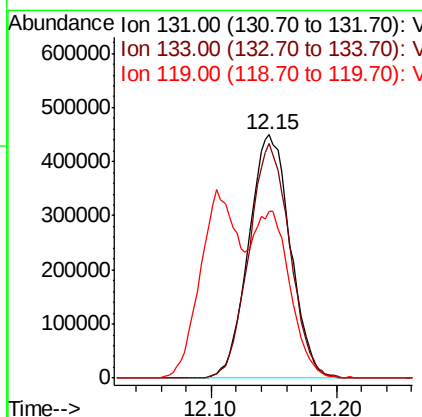
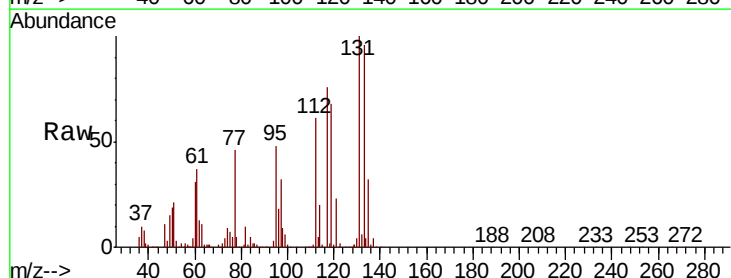
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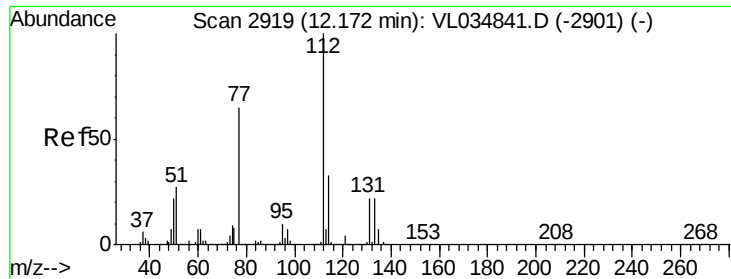
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#56
1,1,1,2-Tetrachloroethane
Concen: 9.585 ppbv
RT: 12.15 min Scan# 2911
Delta R.T. -0.01 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.7	76.0	114.0
119	58.5	47.8	71.8





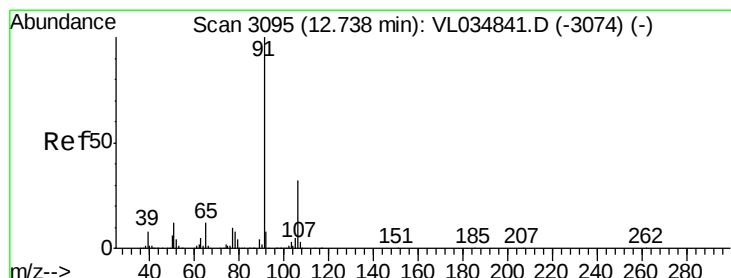
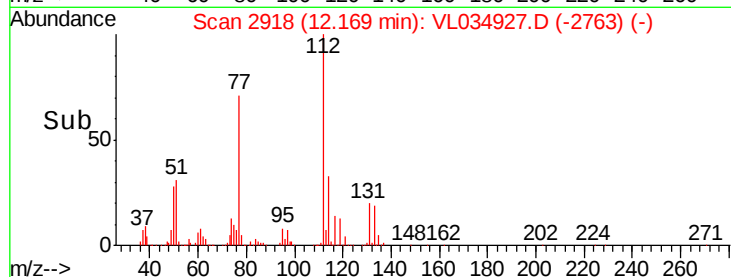
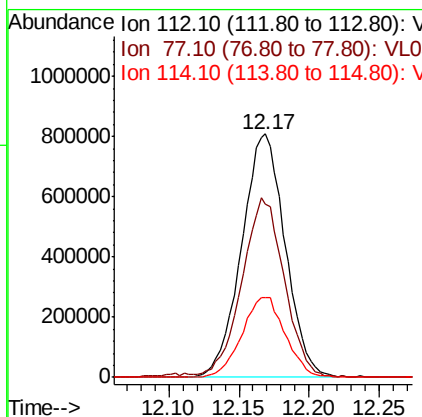
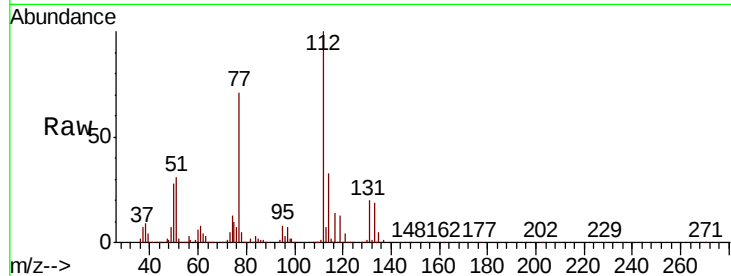
#57
Chlorobenzene
Concen: 9.200 ppbv
RT: 12.17 min Scan# 2918
Delta R.T. -0.00 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion: 112 Resp: 1734349
Ion Ratio Lower Upper
112 100
77 70.9 53.0 79.6
114 32.7 29.5 36.1

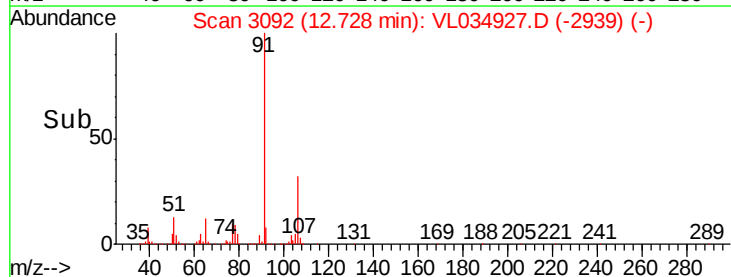
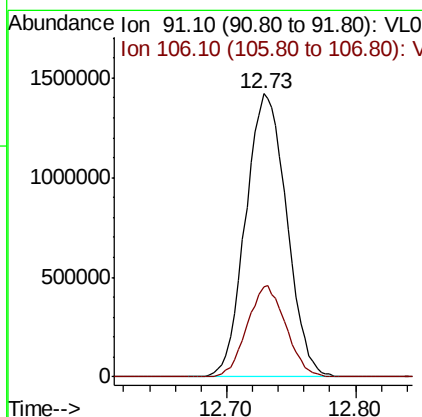
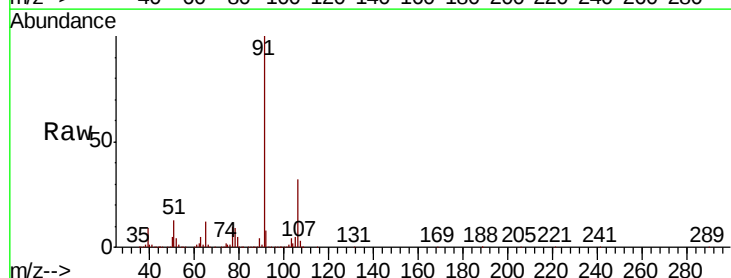
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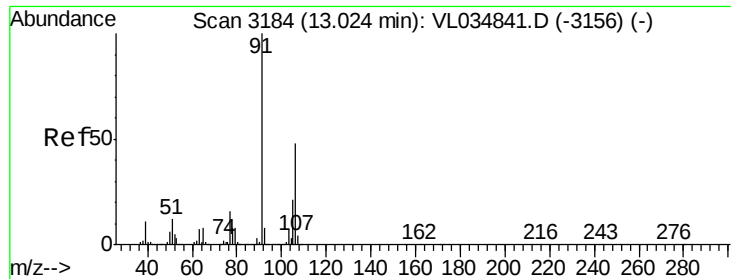
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#58
Ethyl Benzene
Concen: 9.657 ppbv
RT: 12.73 min Scan# 3092
Delta R.T. -0.01 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Tgt Ion: 91 Resp: 3150791
Ion Ratio Lower Upper
91 100
106 31.7 25.8 38.6





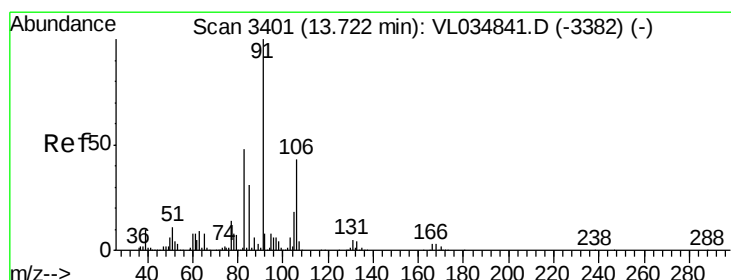
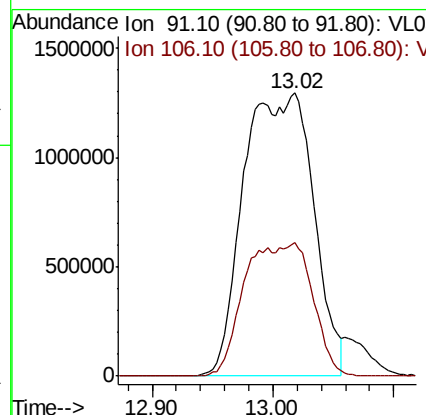
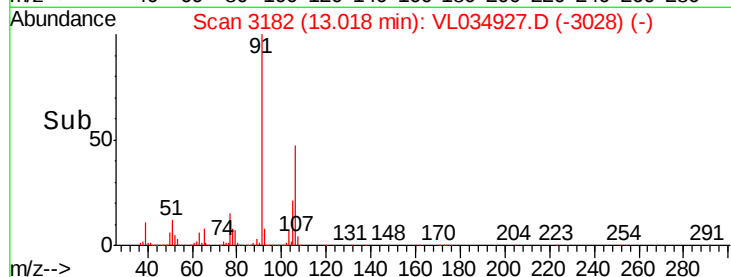
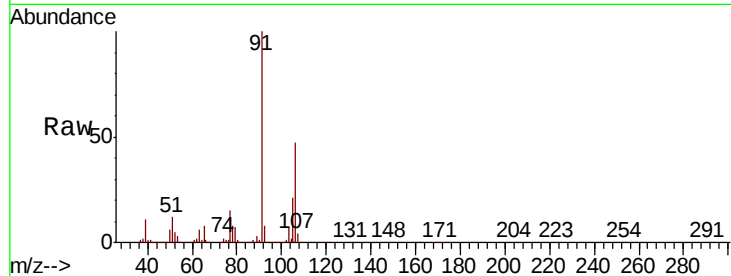
#59
m/p-Xylene
Concen: 18.894 ppbv m
RT: 13.02 min Scan# 3182
Delta R.T. -0.01 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion: 91 Resp: 5164846
Ion Ratio Lower Upper
91 100
106 45.9 37.1 55.7

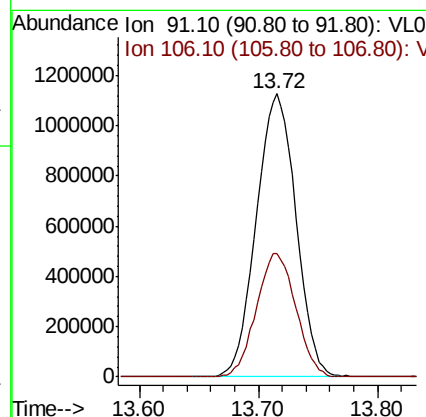
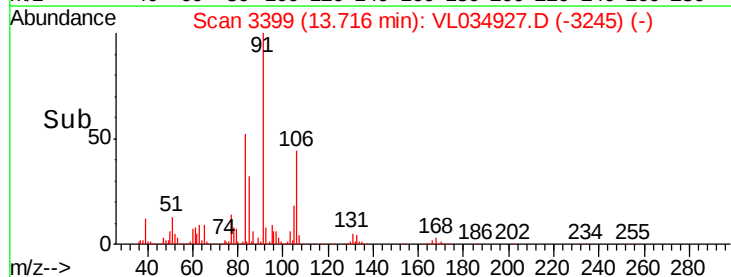
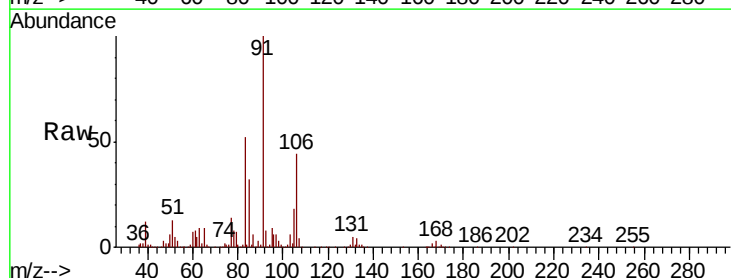
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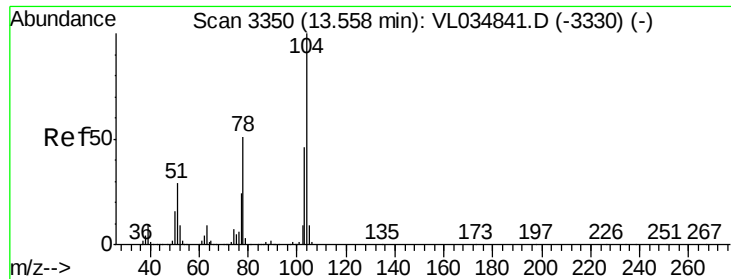
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#60
o-Xylene
Concen: 9.719 ppbv
RT: 13.72 min Scan# 3399
Delta R.T. -0.01 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Tgt Ion: 91 Resp: 2593947
Ion Ratio Lower Upper
91 100
106 43.5 22.5 67.5





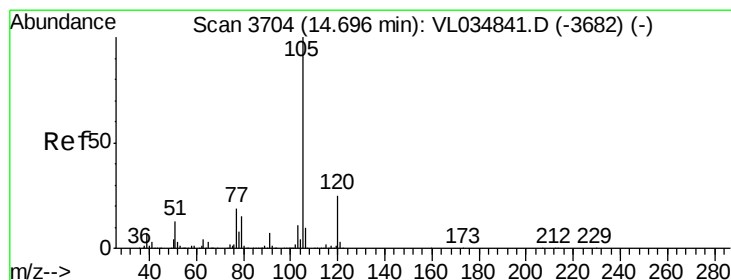
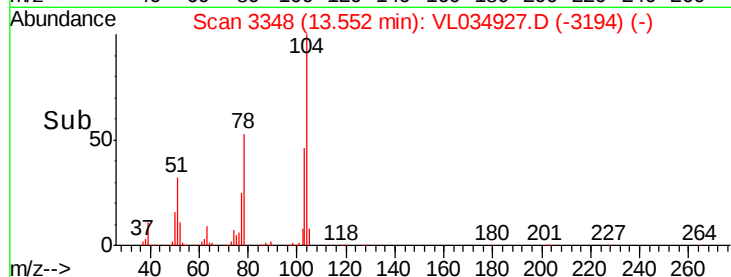
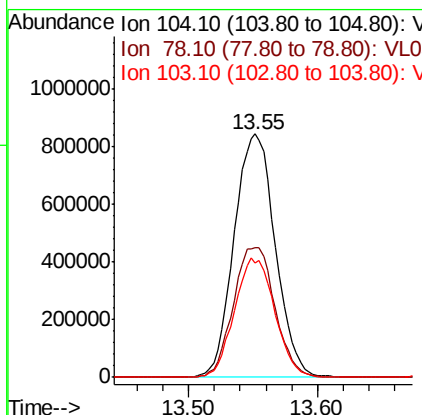
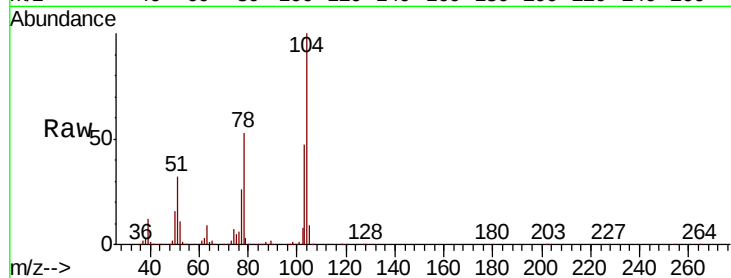
#61
Stvrene
Concen: 9.947 ppbv
RT: 13.55 min Scan# 3348
Delta R.T. -0.01 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
104	100		
78	54.4	41.8	62.6
103	48.3	37.8	56.6

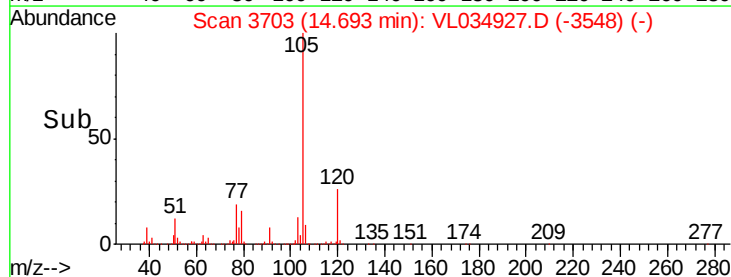
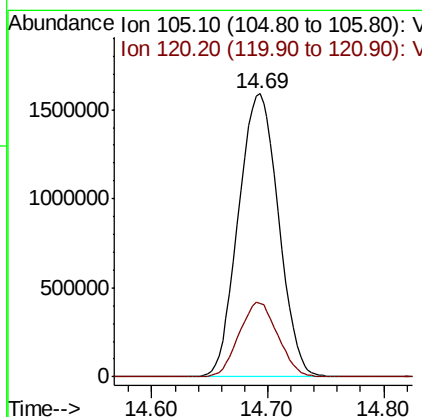
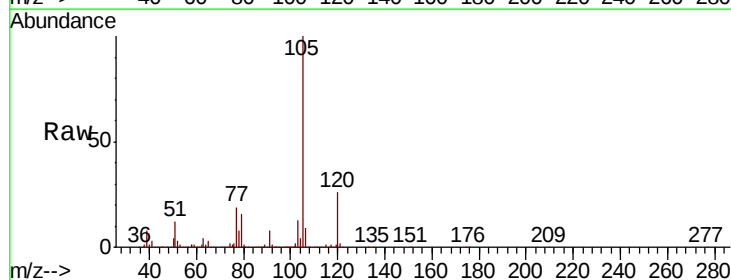
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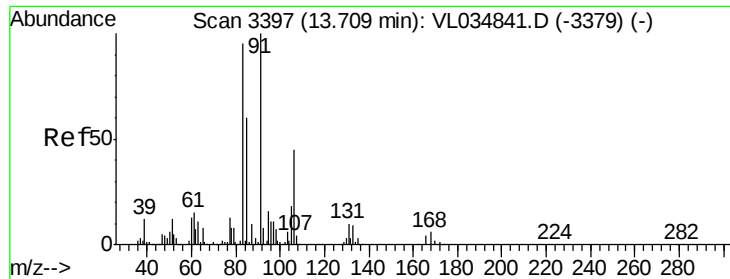
apatel
3/25/2020 11:54:05 AM



#62
Isopropylbenzene
Concen: 9.490 ppbv
RT: 14.69 min Scan# 3703
Delta R.T. -0.00 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.5	21.0	31.4





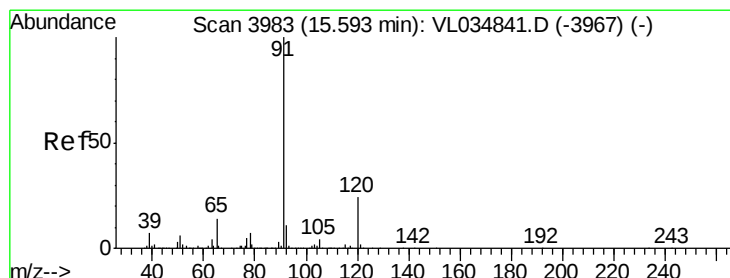
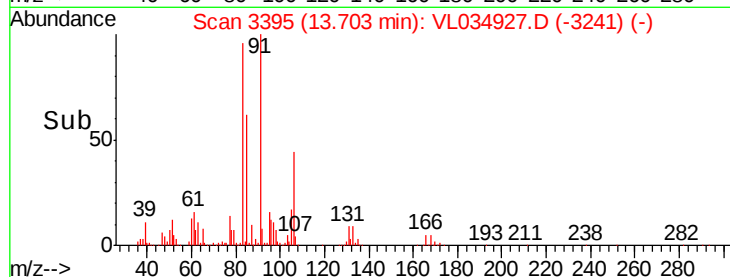
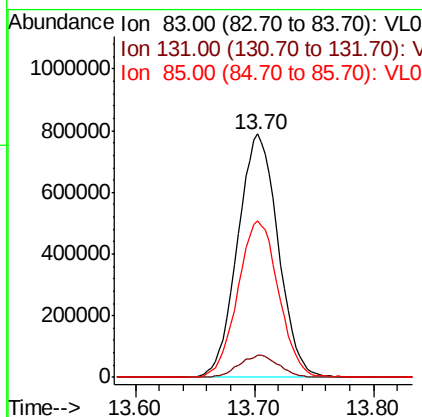
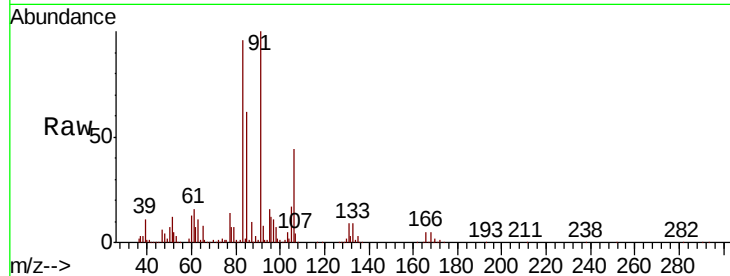
#63
 1,1,2,2-Tetrachloroethane
 Concen: 10.224 ppbv
 RT: 13.70 min Scan# 3395
 Delta R.T. -0.01 min
 Lab File: VL034927.D
 Acq: 23 Mar 2020 11:48

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion	83	Resp	1852475
Ion Ratio	Lower	Upper	
83	100		
131	9.0	5.0	14.9
85	65.1	32.4	97.2

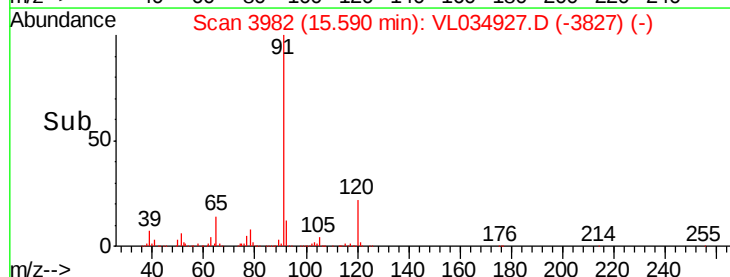
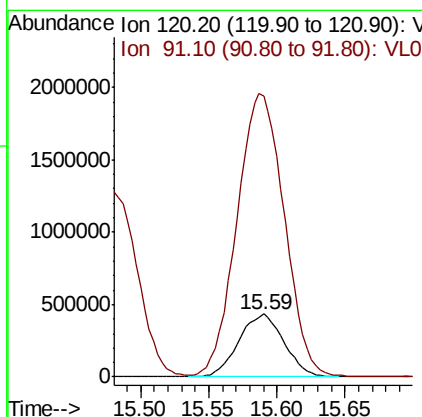
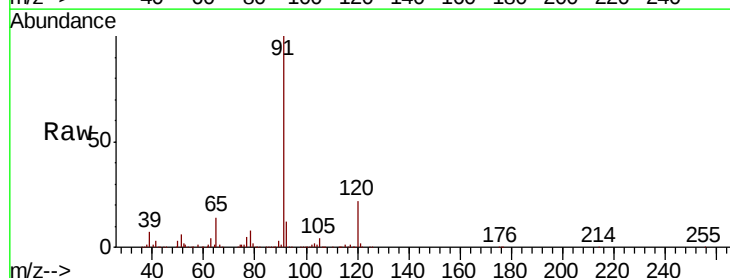
Manual Integrations
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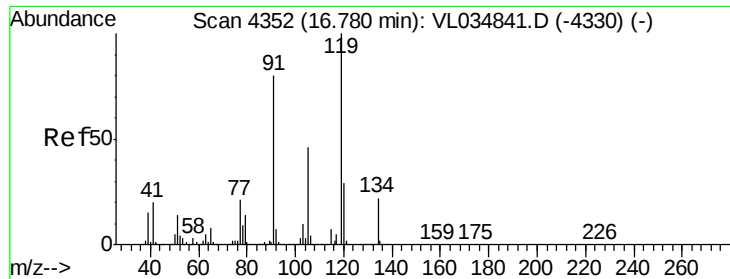
apatel
 3/25/2020 11:54:05 AM



#64
 n-propylbenzene
 Concen: 9.439 ppbv
 RT: 15.59 min Scan# 3982
 Delta R.T. -0.00 min
 Lab File: VL034927.D
 Acq: 23 Mar 2020 11:48

Tgt Ion	120	Resp	991453
Ion Ratio	Lower	Upper	
120	100		
91	477.3	360.9	541.3





#65

tert-Butylbenzene

Concen: 9.376 ppbv

RT: 16.78 min Scan# 4351

Delta R.T. -0.00 min

Lab File: VL034927.D

Acq: 23 Mar 2020 11:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion:119 Resp: 3307684

Ion Ratio Lower Upper

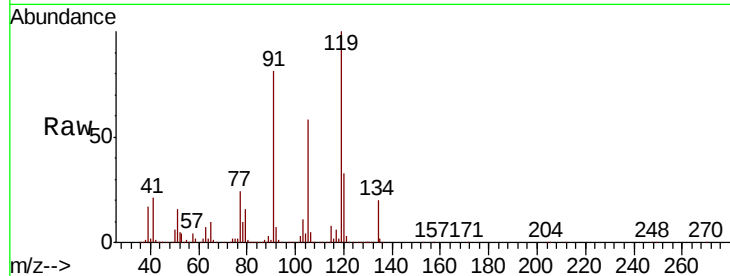
119 100

91 84.4 64.9 97.3

134 19.7 15.9 23.9

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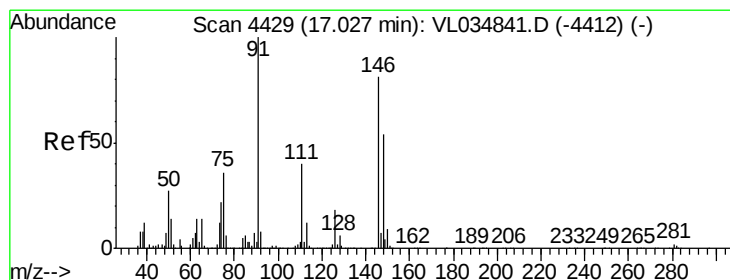
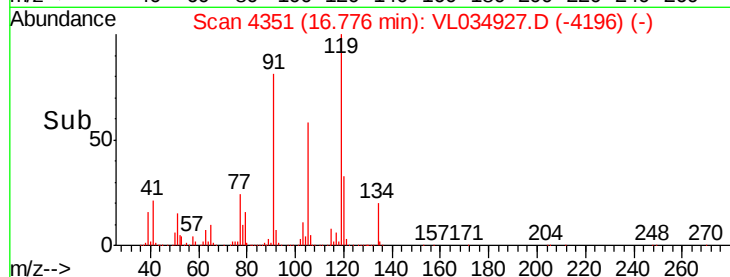
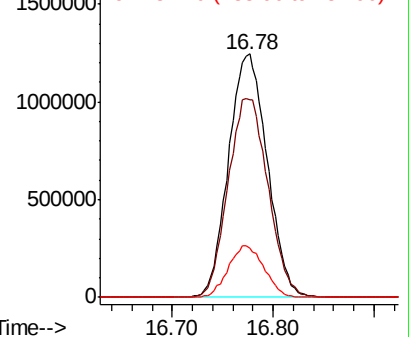
apatel
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Abundance Ion 119.20 (118.90 to 119.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 134.20 (133.90 to 134.90): V



#66

Benzyl Chloride

Concen: 8.980 ppbv

RT: 17.02 min Scan# 4427

Delta R.T. -0.01 min

Lab File: VL034927.D

Acq: 23 Mar 2020 11:48

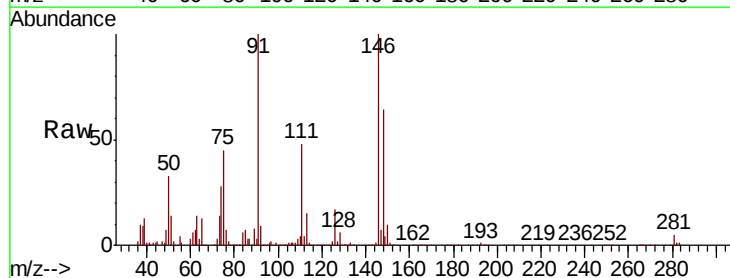
Tgt Ion: 91 Resp: 1320990

Ion Ratio Lower Upper

91 100

126 16.8 14.7 22.1

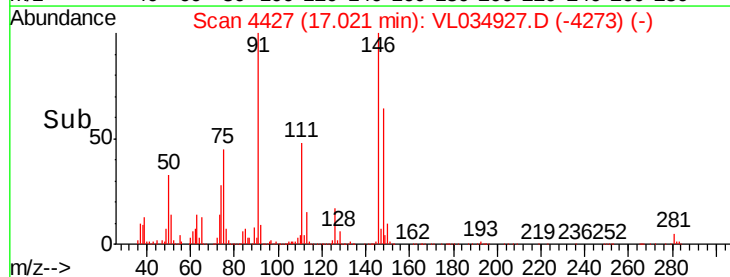
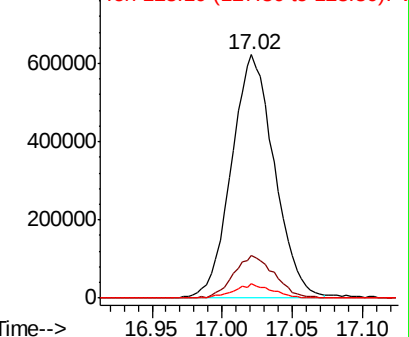
128 5.3 4.7 7.1

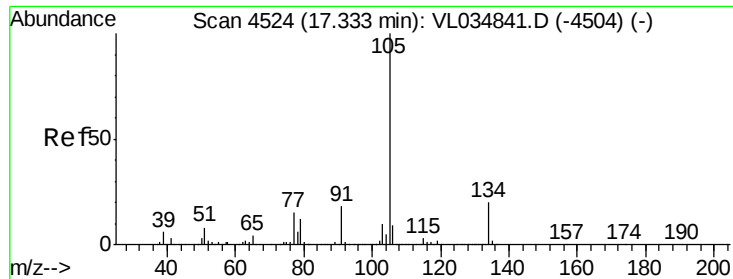


Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V

Ion 128.10 (127.80 to 128.80): V





#67

sec-Butylbenzene

Concen: 9.695 ppbv

RT: 17.32 min Scan# 4521

Delta R.T. -0.01 min

Lab File: VL034927.D

Acq: 23 Mar 2020 11:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion:105 Resp: 4742909

Ion Ratio Lower Upper

105 100

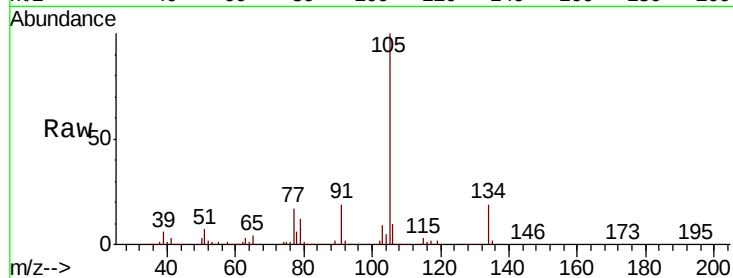
134 18.2 15.0 22.6

Manual Integrations

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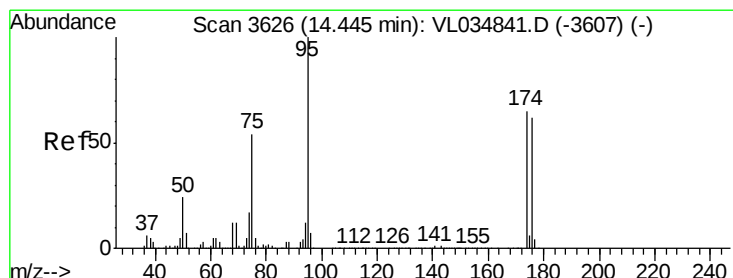
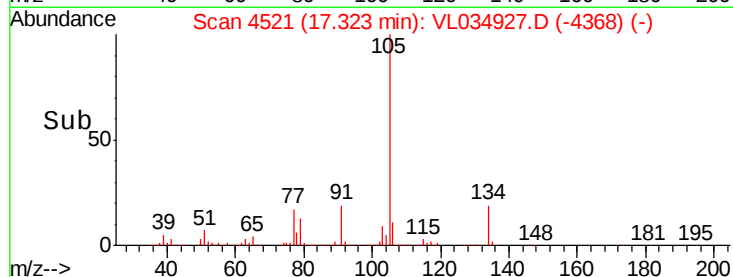
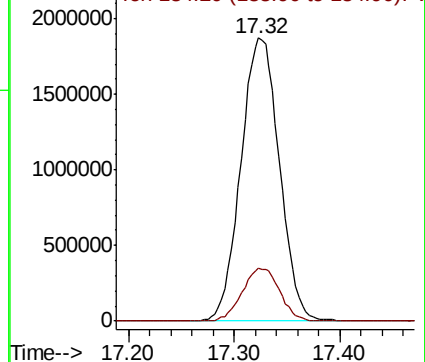
apatel

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Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V



#68

1-Bromo-4-Fluorobenzene

Concen: 10.048 ppbv

RT: 14.44 min Scan# 3625

Delta R.T. -0.00 min

Lab File: VL034927.D

Acq: 23 Mar 2020 11:48

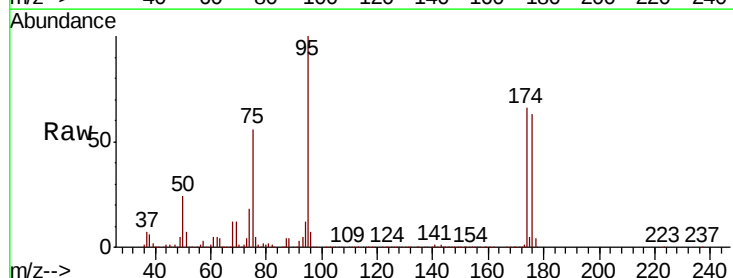
Tgt Ion: 95 Resp: 1888002

Ion Ratio Lower Upper

95 100

174 64.9 55.2 82.8

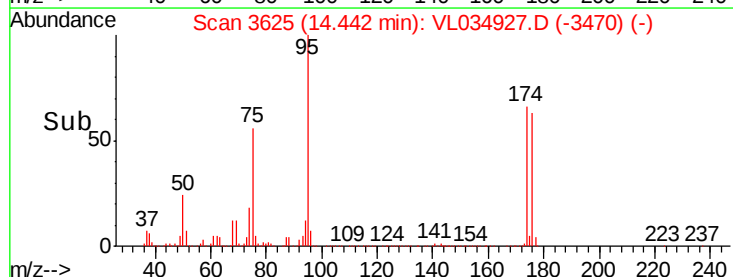
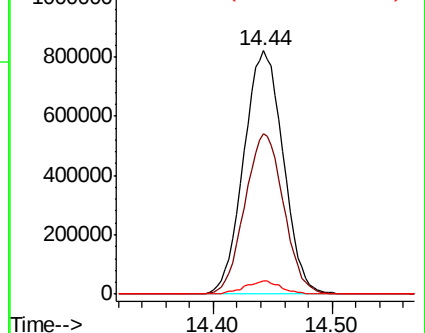
175 4.9 4.3 6.5

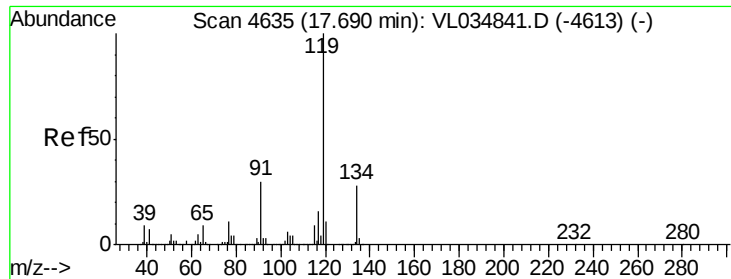


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V





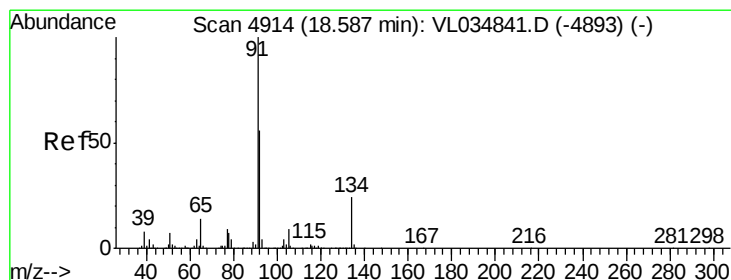
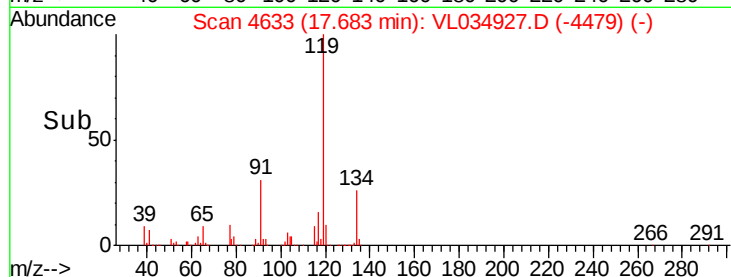
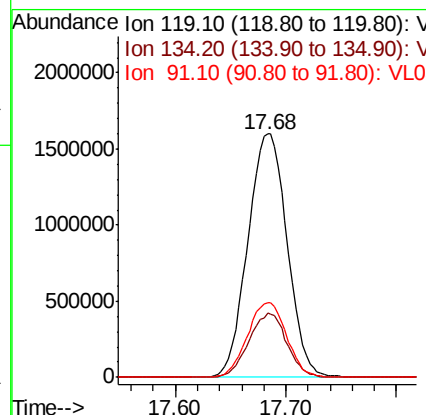
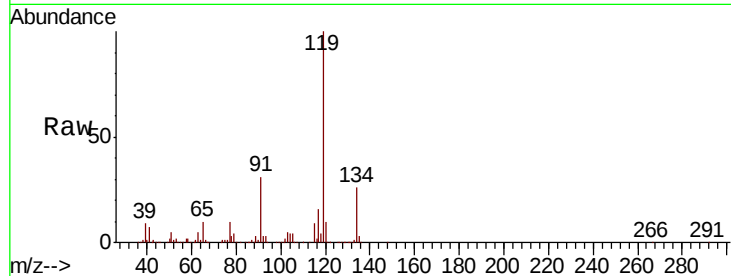
#69
 p-Isopropyltoluene
 Concen: 9.623 ppbv
 RT: 17.68 min Scan# 4633
 Delta R.T. -0.01 min
 Lab File: VL034927.D
 Acq: 23 Mar 2020 11:48

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.3	20.6	30.8
91	30.7	23.4	35.2

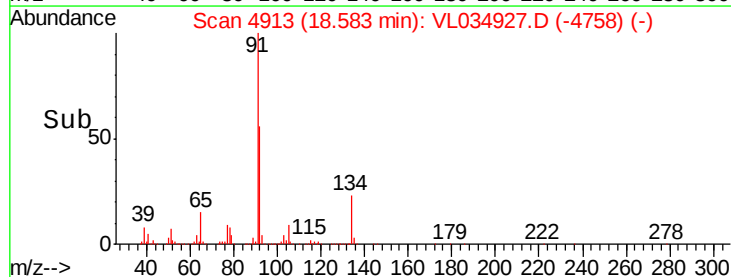
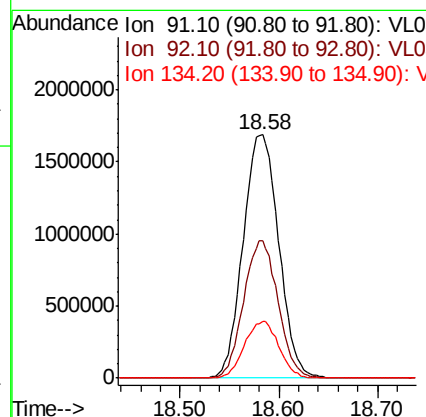
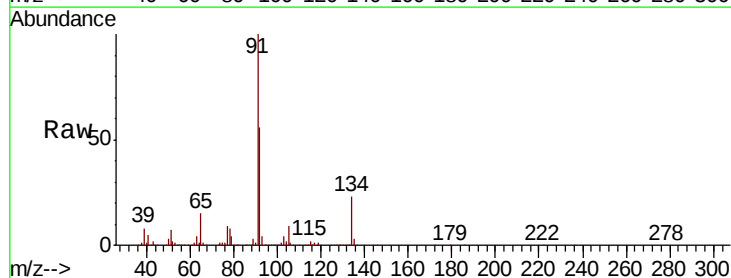
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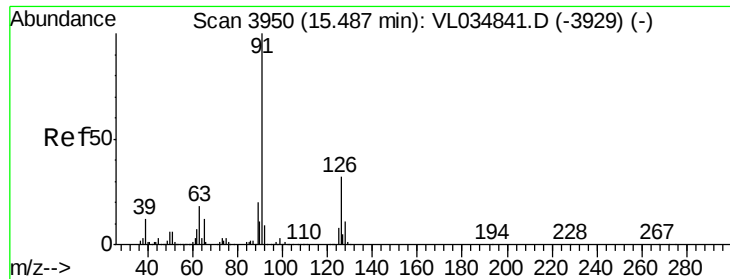
apatel
 3/25/2020 11:54:05 AM



#70
 n-Butylbenzene
 Concen: 10.075 ppbv
 RT: 18.58 min Scan# 4913
 Delta R.T. -0.00 min
 Lab File: VL034927.D
 Acq: 23 Mar 2020 11:48

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.7	43.8	65.6
134	22.5	19.0	28.4





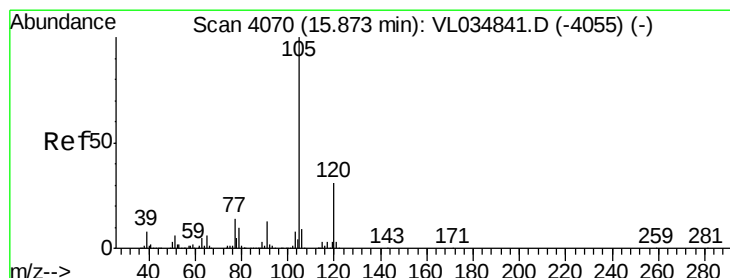
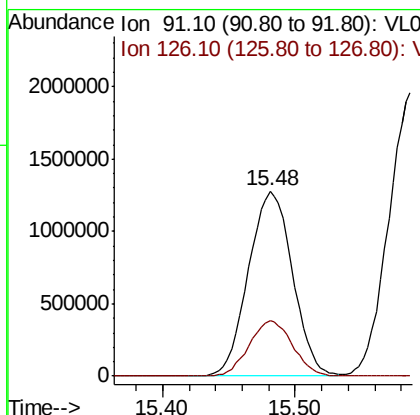
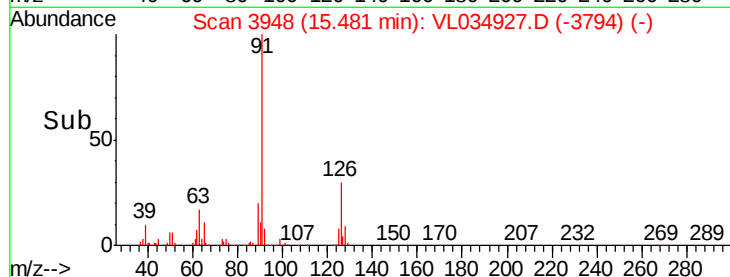
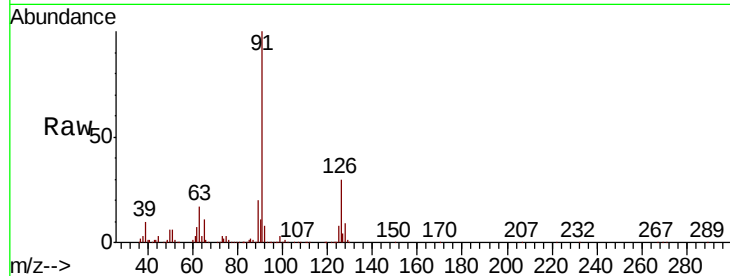
#71
 2-Chlorotoluene
 Concen: 9.721 ppbv
 RT: 15.48 min Scan# 3948
 Delta R.T. -0.01 min
 Lab File: VL034927.D
 Acq: 23 Mar 2020 11:48

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion: 91 Resp: 2971061
 Ion Ratio Lower Upper
 91 100
 126 29.4 12.3 49.1

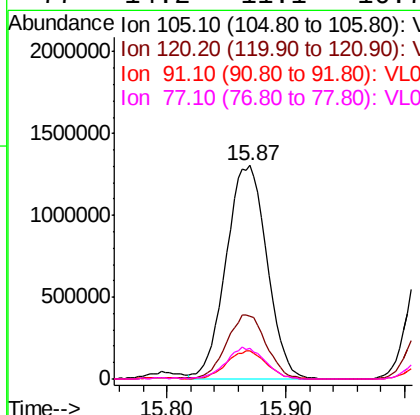
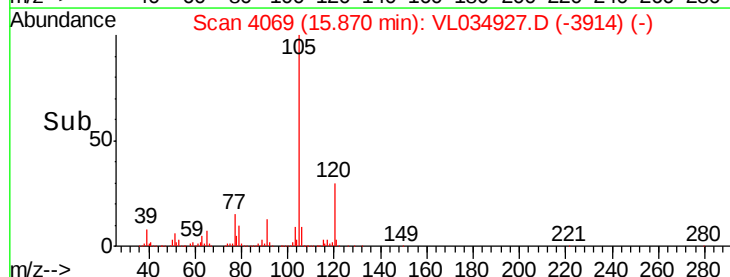
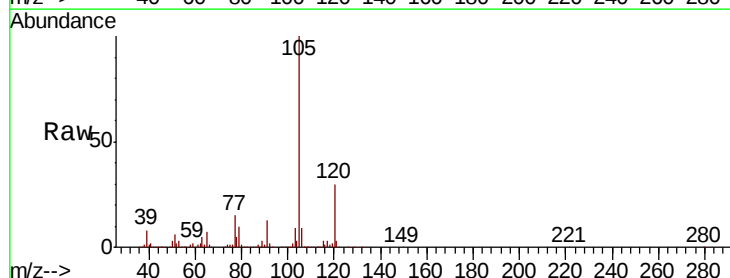
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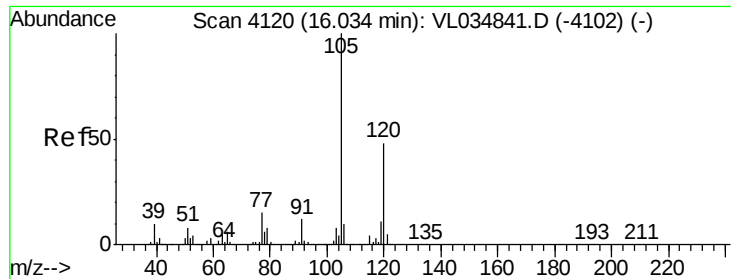
apatel
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#72
 4-Ethyltoluene
 Concen: 9.817 ppbv
 RT: 15.87 min Scan# 4069
 Delta R.T. -0.00 min
 Lab File: VL034927.D
 Acq: 23 Mar 2020 11:48

Tgt Ion: 105 Resp: 3094208
 Ion Ratio Lower Upper
 105 100
 120 29.2 23.7 35.5
 91 12.8 10.5 15.7
 77 14.2 11.1 16.7





#73

1,3,5-Trimethylbenzene

Concen: 9.766 ppbv

RT: 16.03 min Scan# 4118

Delta R.T. -0.01 min

Lab File: VL034927.D

Acq: 23 Mar 2020 11:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion:105 Resp: 2881634

Ion Ratio Lower Upper

105 100

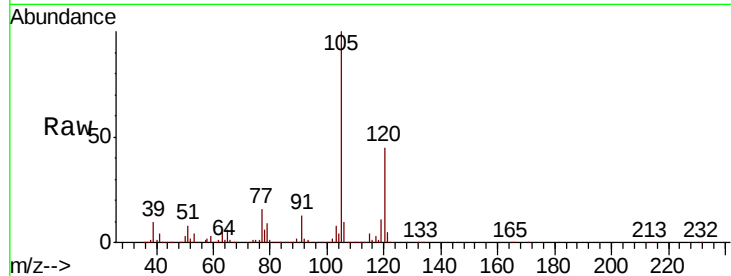
120 45.5 38.6 58.0

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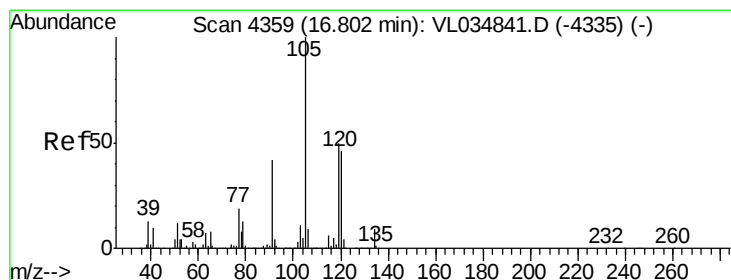
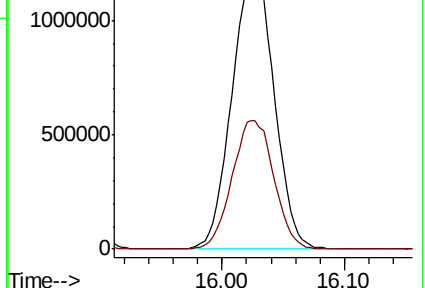
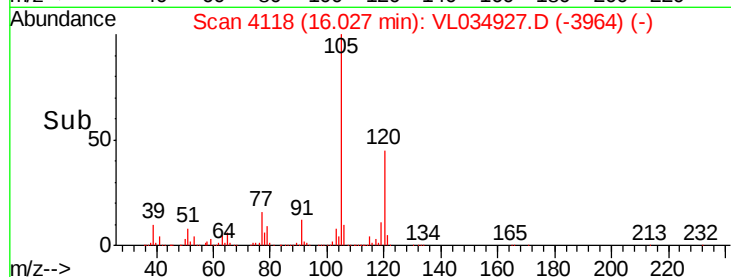
apatel

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Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



#74

1,2,4-Trimethylbenzene

Concen: 9.894 ppbv

RT: 16.79 min Scan# 4356

Delta R.T. -0.01 min

Lab File: VL034927.D

Acq: 23 Mar 2020 11:48

Tgt Ion:105 Resp: 3007620

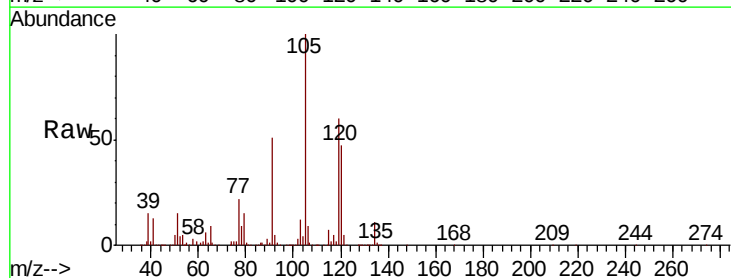
Ion Ratio Lower Upper

105 100

120 47.3 37.0 55.4

91 50.9 33.8 50.6#

77 21.8 15.4 23.0

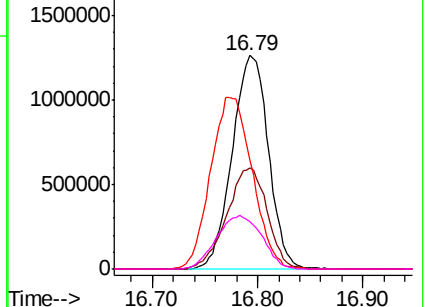
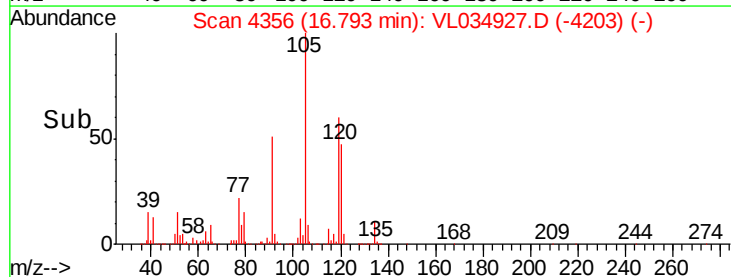


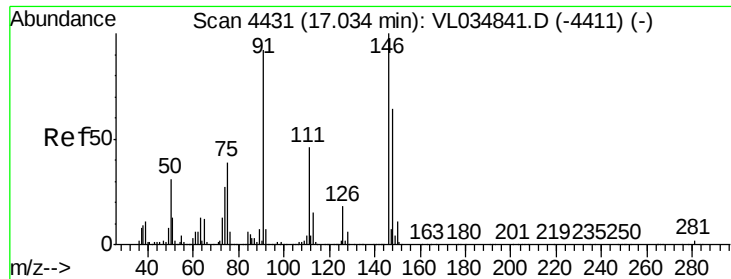
Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0





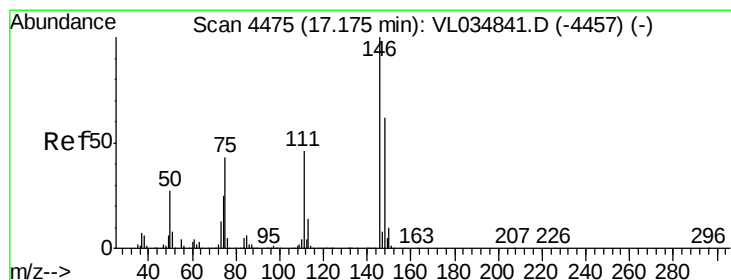
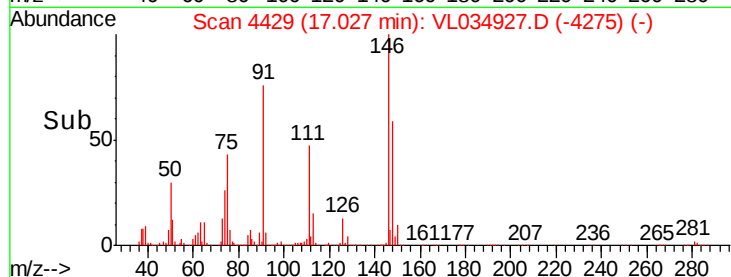
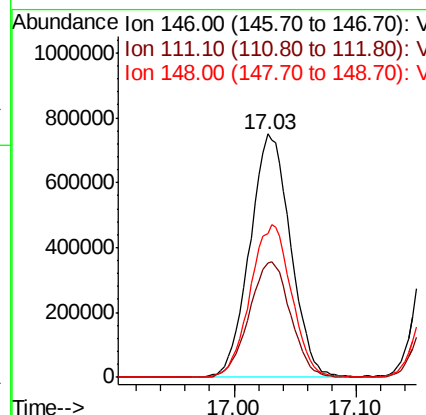
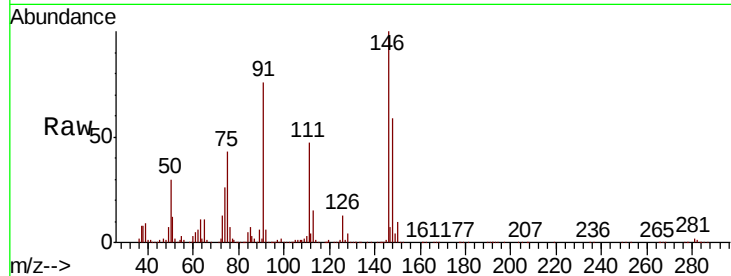
#75
 1,3-Dichlorobenzene
 Concen: 9.412 ppbv
 RT: 17.03 min Scan# 4429
 Delta R.T. -0.01 min
 Lab File: VL034927.D
 Acq: 23 Mar 2020 11:48

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	48.4	23.9	71.7
148	64.0	32.5	97.5

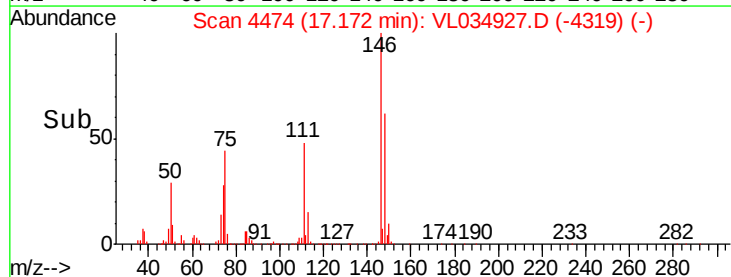
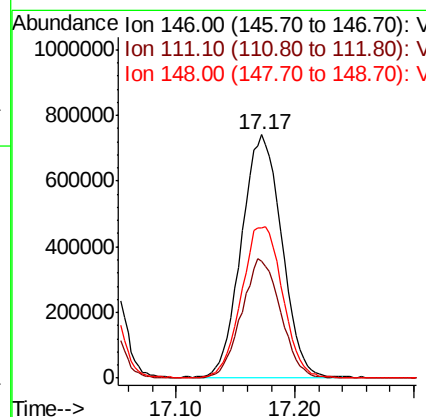
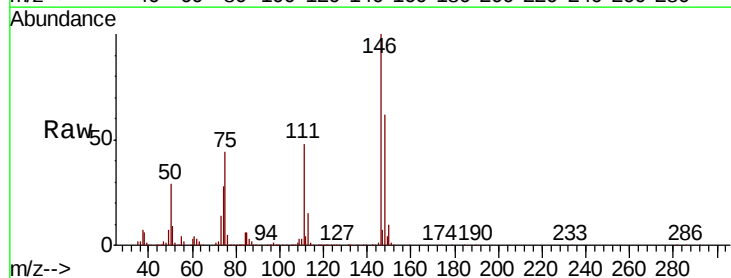
Manual Integrations
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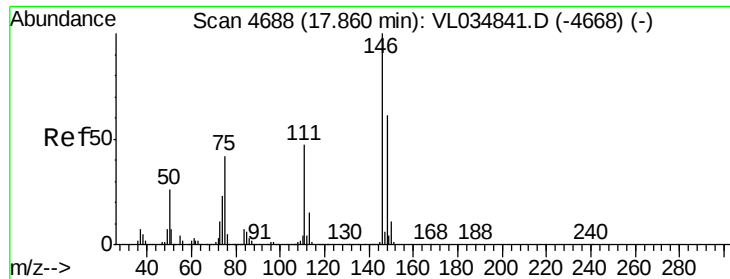
apatel
 3/25/2020 11:54:05 AM



#76
 1,4-Dichlorobenzene
 Concen: 9.461 ppbv
 RT: 17.17 min Scan# 4474
 Delta R.T. -0.00 min
 Lab File: VL034927.D
 Acq: 23 Mar 2020 11:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	47.8	23.4	70.2
148	64.1	32.3	96.9





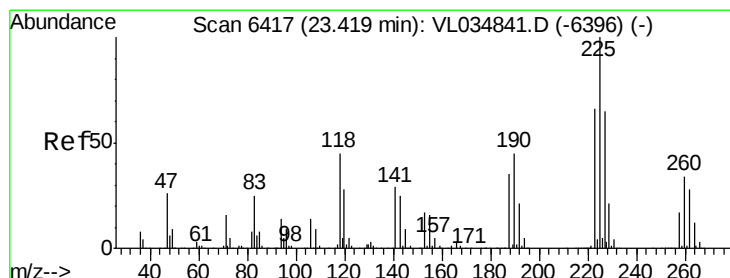
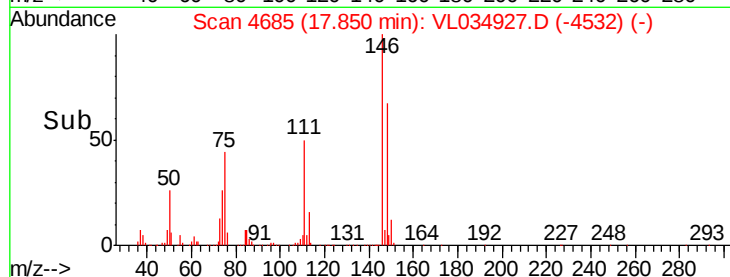
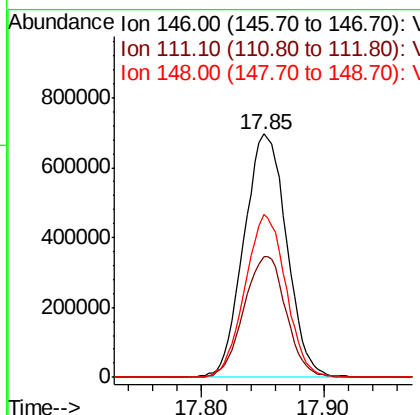
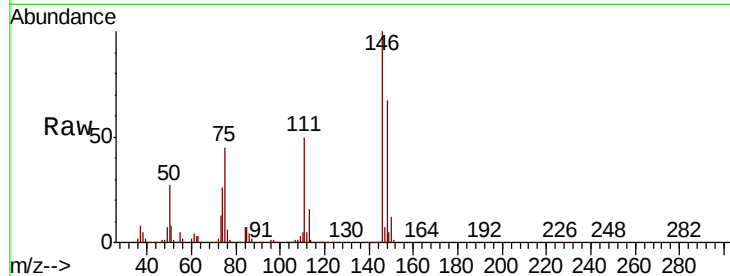
#77
 1,2-Dichlorobenzene
 Concen: 9.503 ppbv
 RT: 17.85 min Scan# 4685
 Delta R.T. -0.01 min
 Lab File: VL034927.D
 Acq: 23 Mar 2020 11:48

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion:146 Resp: 1688334
 Ion Ratio Lower Upper
 146 100
 111 49.2 23.8 71.4
 148 64.0 31.6 94.8

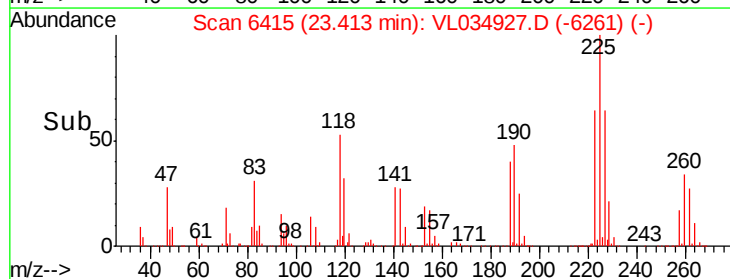
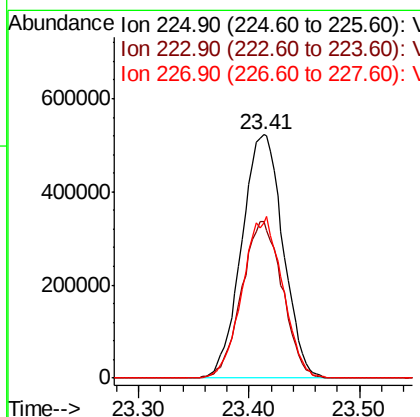
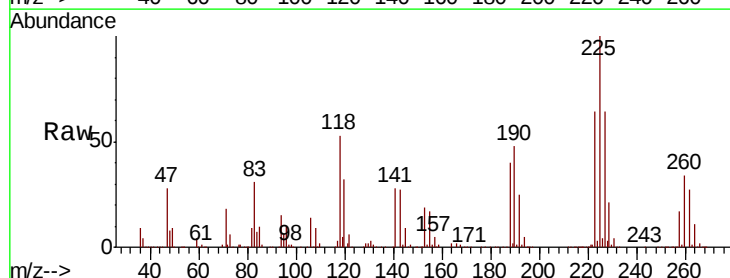
Manual Integrations
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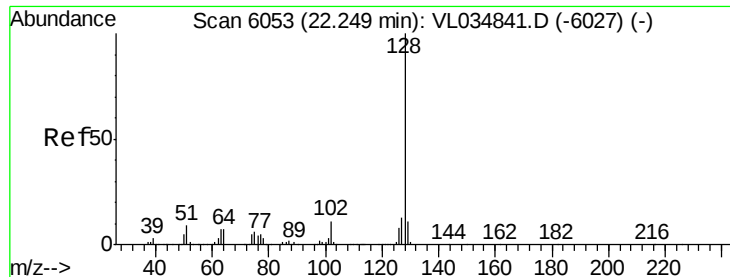
apatel
 3/25/2020 11:54:05 AM



#78
 Hexachloro-1,3-Butadiene
 Concen: 9.152 ppbv
 RT: 23.41 min Scan# 6415
 Delta R.T. -0.01 min
 Lab File: VL034927.D
 Acq: 23 Mar 2020 11:48

Tgt Ion:225 Resp: 1358100
 Ion Ratio Lower Upper
 225 100
 223 63.2 51.1 76.7
 227 64.6 51.8 77.6





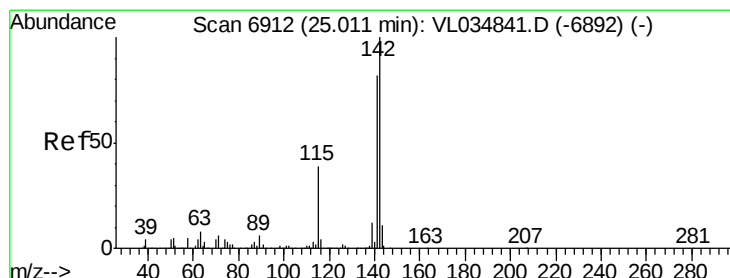
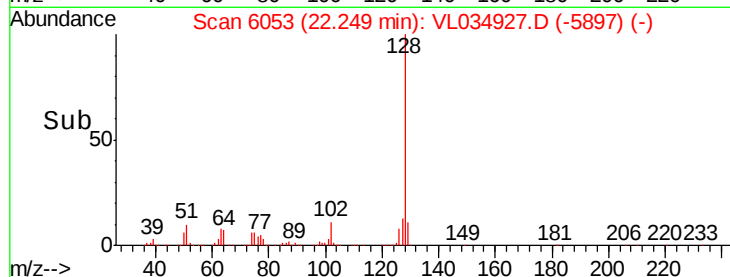
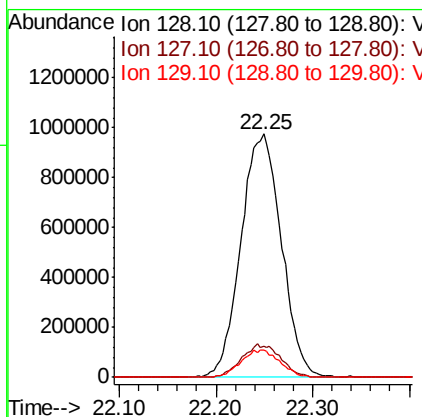
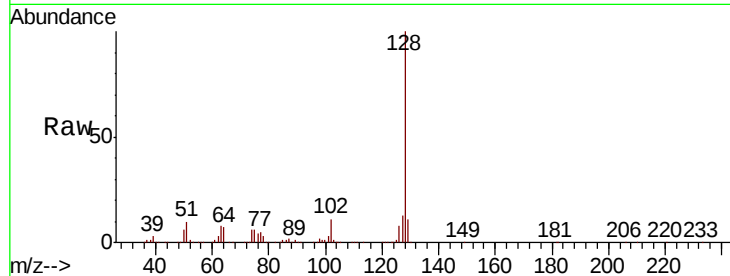
#79
Naphthalene
Concen: 11.933 ppbv
RT: 22.25 min Scan# 6053
Delta R.T. 0.00 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.2
129	11.0	8.6	13.0

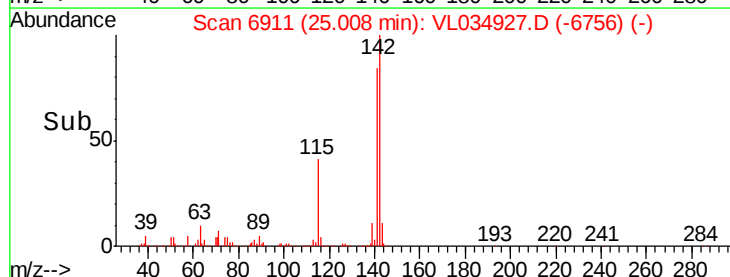
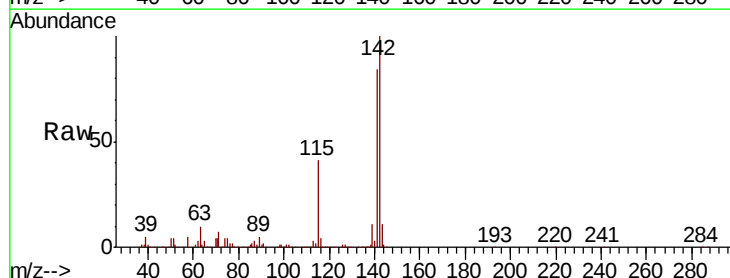
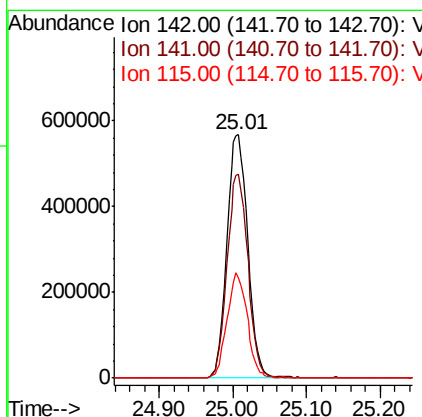
Manual Integrations
APPROVED

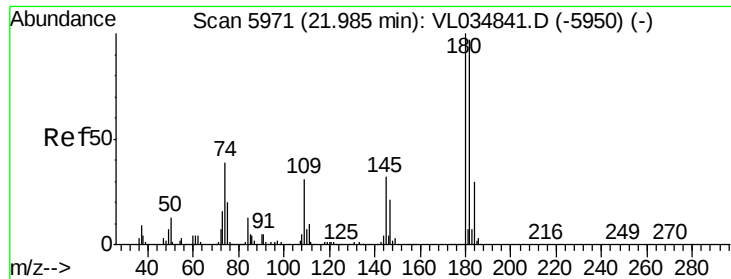
apatel
3/25/2020 11:54:05 AM



#80
Naphthalene, 2-methyl-
Concen: 18.034 ppbv
RT: 25.01 min Scan# 6911
Delta R.T. -0.00 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Tgt Ion	Ratio	Lower	Upper
142	100		
141	83.9	68.9	103.3
115	41.9	33.2	49.8





#81
 1,2,4-Trichlorobenzene
 Concen: 10.706 ppbv m
 RT: 21.98 min Scan# 5969
 Delta R.T. -0.01 min
 Lab File: VL034927.D
 Acq: 23 Mar 2020 11:48

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.1	76.6	115.0
184	30.8	25.0	37.4

Manual Integrations
 APPROVED

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 3/25/2020 11:54:05 AM

