

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032621\
 Data File : VL036504.D
 Acq On : 26 Mar 2021 5:51
 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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 4/1/2021 8:23:46 AM

Quant Time: Mar 26 08:33:12 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 26 08:33:12 2021
 QLast Update : Thu Mar 25 09:42:40 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1505209	10.00	ppbv	0.01
33) 1,4-Difluorobenzene	7.20	114	3699962	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.11	117	3549916m	10.00	ppbv	0.02

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.44	95	2750219	9.72	ppbv	0.02	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.06	85	2125434	8.657	ppbv	98
3) Chlorodifluoromethane	3.00	51	2503545	8.902	ppbv	99
4) Chloromethane	3.15	50	851830	8.575	ppbv	92
5) Vinyl Chloride	3.27	62	827093	8.098	ppbv	97
6) Bromomethane	3.48	94	489858	8.711	ppbv	99
7) Chloroethane	3.57	64	307663	8.766	ppbv	98
8) Dichlorotetrafluoroethane	3.20	85	1991932	8.501	ppbv	99
9) Propene	3.02	41	786877	8.777	ppbv	98
10) Heptane	8.14	43	2047004	8.962	ppbv	99
11) Trichlorofluoromethane	3.96	101	2189024	8.749	ppbv	98
12) 1,1,2-Trichlorotrifluoroet	4.50	101	1429221	8.935	ppbv	97
13) Ethanol	3.62	45	88976m	8.334	ppbv	
14) Bromoethene	3.75	108	585549	8.805	ppbv	98
15) Acetone	3.86	43	1179551	7.962	ppbv	97
16) 1,3-Butadiene	3.34	39	911530	8.838	ppbv	98
17) tert-Butyl alcohol	4.31	59	1070145	8.298	ppbv	99
18) 1,1-Dichloroethene	4.30	96	620617	8.722	ppbv	100
19) Isopropyl Alcohol	3.98	45	598570	7.345	ppbv #	1
20) Methylene Chloride	4.36	84	559868	8.072	ppbv	96
21) Allyl Chloride	4.43	41	1011347	8.564	ppbv	99
22) trans-1,2-Dichloroethene	4.90	96	576283	8.736	ppbv	97
23) Vinyl Acetate	5.09	43	2229521	8.798	ppbv	98
24) 1,1-Dichloroethane	5.03	63	1639425	8.876	ppbv	98
25) Ethyl Acetate	5.69	43	2943133	8.356	ppbv	99
26) Hexane	5.70	57	1431074	8.756	ppbv	98
27) Carbon Disulfide	4.56	76	1562042	9.701	ppbv	99
28) Methyl tert-Butyl Ether	5.05	73	1631983	8.467	ppbv	98
29) Chloroform	5.77	83	2246430	8.594	ppbv	98
30) Cyclohexane	7.15	84	1177391	8.882	ppbv	96
31) cis-1,2-Dichloroethene	5.56	61	1423375	9.004	ppbv	98
32) 1,1,1-Trichloroethane	6.53	97	2228674	8.460	ppbv	97
34) 2-Butanone	5.26	43	1472660	8.154	ppbv	100
35) Carbon Tetrachloride	7.04	117	2347610	8.261	ppbv	97
36) Benzene	6.91	78	2954440	8.658	ppbv	100
37) 1,2-Dichloroethane	6.33	62	1679012	8.360	ppbv	100
38) Trichloroethene	7.86	130	1050052	7.907	ppbv	98
39) 1,2-Dichloropropane	7.63	63	1180302	8.527	ppbv	97
40) 1,4-Dioxane	7.85	88	226126	7.019	ppbv #	53
41) Tetrahydrofuran	6.07	42	647120	7.771	ppbv	98
42) Bromodichloromethane	7.81	83	2393669	8.762	ppbv	100
43) Methyl Methacrylate	8.03	69	1125791	9.825	ppbv	100

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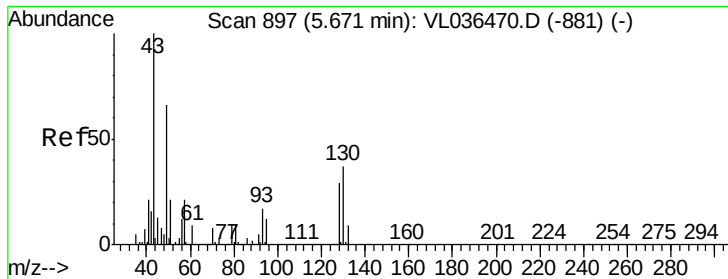
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.89	57	5012571	8.346	ppbv	100
45) t-1,3-Dichloropropene	9.30	75	1008475	7.708	ppbv	96
46) cis-1,3-Dichloropropene	8.72	75	1315439	7.865	ppbv	98
47) 1,1,2-Trichloroethane	9.50	97	1169754	8.343	ppbv	97
48) Dibromochloromethane	10.33	129	1961768	9.179	ppbv	99
49) Bromoform	13.07	173	1600112	9.292	ppbv	99
50) 4-Methyl-2-Pentanone	8.76	43	2211190	8.461	ppbv	100
51) 2-Hexanone	10.16	43	1210839	9.181	ppbv #	99
52) Tetrachloroethene	11.25	164	1013635	8.067	ppbv	97
53) Toluene	9.83	91	3306404	9.099	ppbv	100
54) 1,2-Dibromoethane	10.64	107	1692220	8.547	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.15	131	1363353	8.491	ppbv	97
57) Chlorobenzene	12.17	112	2430848	8.048	ppbv	99
58) Ethyl Benzene	12.74	91	4483862	8.682	ppbv	100
59) m/p-Xylene	13.01	91	7535613m	16.728	ppbv	
60) o-Xylene	13.72	91	3544756	8.138	ppbv	99
61) Styrene	13.55	104	1954052	8.917	ppbv	100
62) Isopropylbenzene	14.69	105	4904322	8.361	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.70	83	2508272	7.549	ppbv	100
64) n-propylbenzene	15.59	120	1282537	8.943	ppbv	99
65) tert-Butylbenzene	16.77	119	4247982m	8.352	ppbv	
66) Benzyl Chloride	17.01	91	432495	7.693	ppbv	98
67) sec-Butylbenzene	17.32	105	5939202	8.272	ppbv	100
69) p-Isopropyltoluene	17.68	119	4952948	8.834	ppbv	99
70) n-Butylbenzene	18.57	91	5097353	8.769	ppbv	100
71) 2-Chlorotoluene	15.48	91	3828078	8.710	ppbv	100
72) 4-Ethyltoluene	15.87	105	4177351	8.752	ppbv	99
73) 1,3,5-Trimethylbenzene	16.02	105	3770354	8.464	ppbv	99
74) 1,2,4-Trimethylbenzene	16.79	105	3903334	8.188	ppbv	98
75) 1,3-Dichlorobenzene	17.02	146	2208826	8.232	ppbv	99
76) 1,4-Dichlorobenzene	17.16	146	2151852	8.077	ppbv	99
77) 1,2-Dichlorobenzene	17.84	146	2146842	8.512	ppbv	99
78) Hexachloro-1,3-Butadiene	23.40	225	1658871	7.344	ppbv	99
79) Naphthalene	22.23	128	2479366	8.913	ppbv	99
80) Naphthalene, 2-methyl-	24.99	142	282064	5.142	ppbv	97
81) 1,2,4-Trichlorobenzene	21.96	180	1551717	9.035	ppbv	100

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 901

Delta R.T. 0.01 min

Lab File: VL036504.D

Acq: 26 Mar 2021 5:51

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion: 49 Resp: 1505209

Ion Ratio Lower Upper

49 100

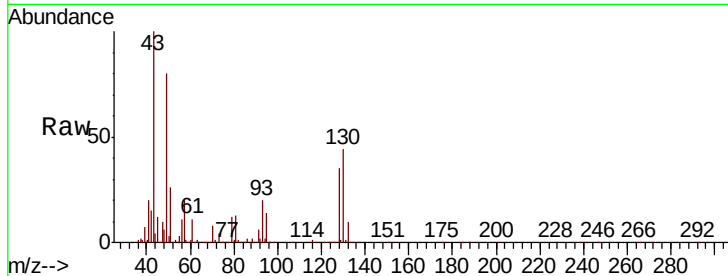
128 48.0 23.5 70.6

130 58.1 29.1 87.4

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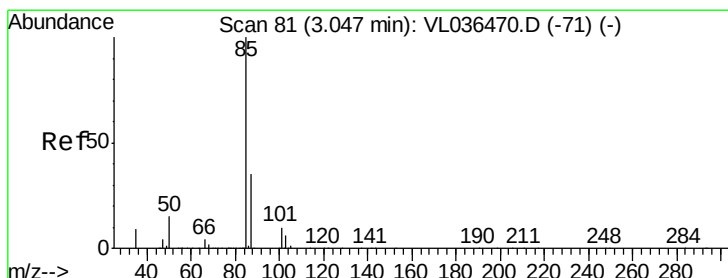
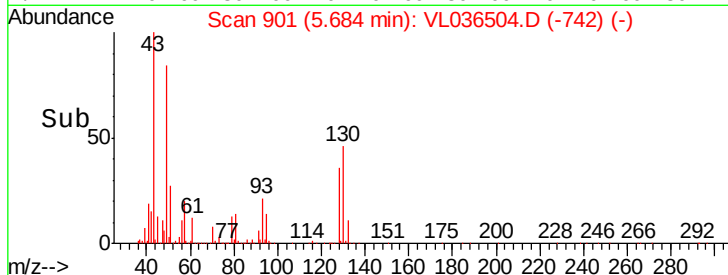
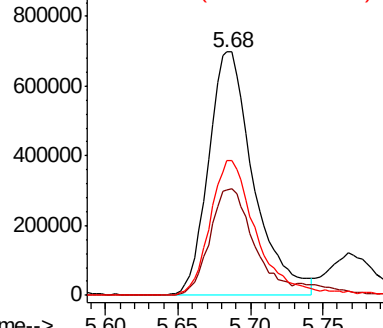
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 8.657 ppbv

RT: 3.06 min Scan# 84

Delta R.T. 0.01 min

Lab File: VL036504.D

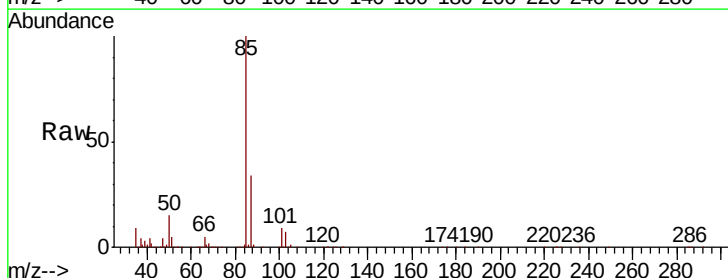
Acq: 26 Mar 2021 5:51

Tgt Ion: 85 Resp: 2125434

Ion Ratio Lower Upper

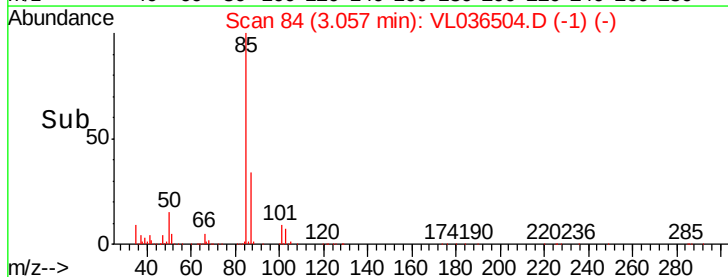
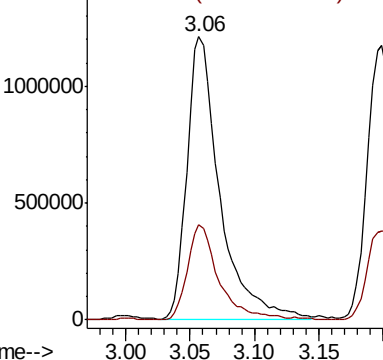
85 100

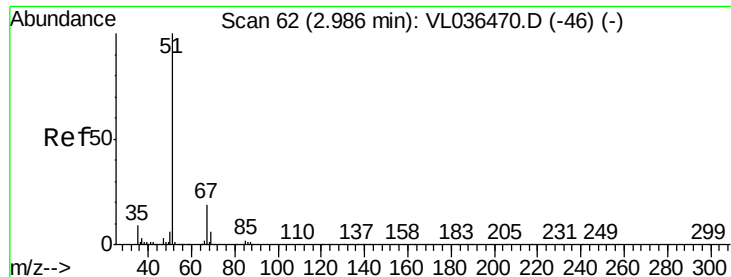
87 33.6 27.8 41.8



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





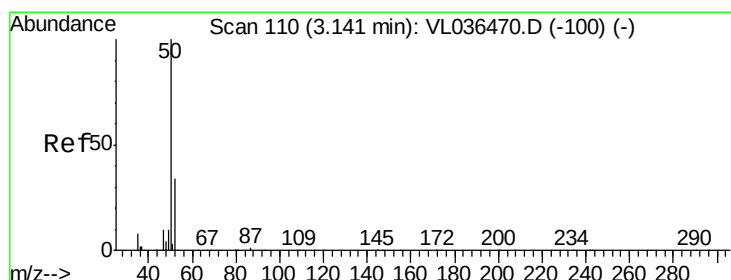
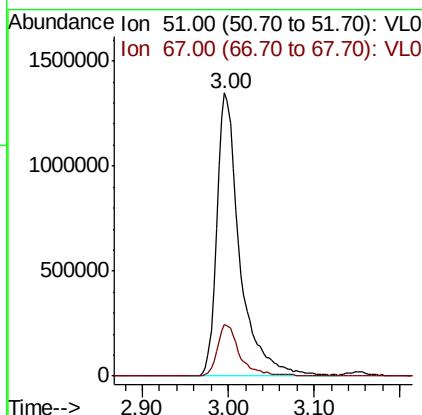
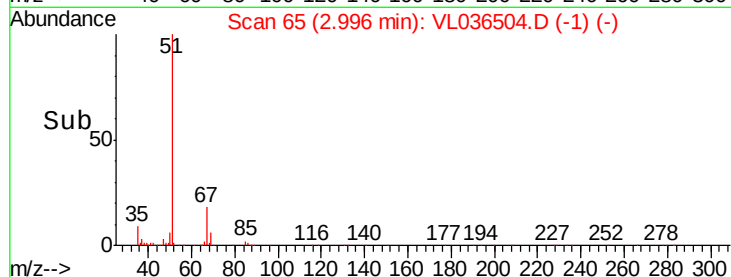
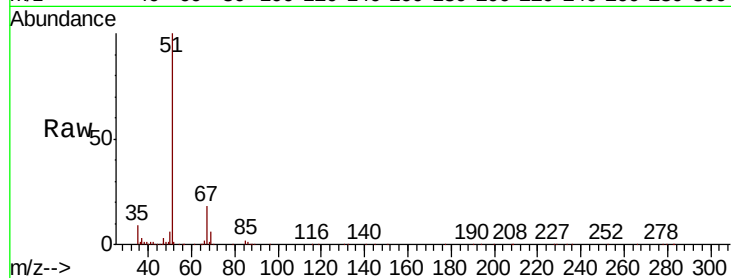
#3
Chlorodifluoromethane
Concen: 8.902 ppbv
RT: 3.00 min Scan# 65
Delta R.T. 0.01 min
Lab File: VL036504.D
Acq: 26 Mar 2021 5:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion: 51 Resp: 2503545
Ion Ratio Lower Upper
51 100
67 18.0 14.7 22.1

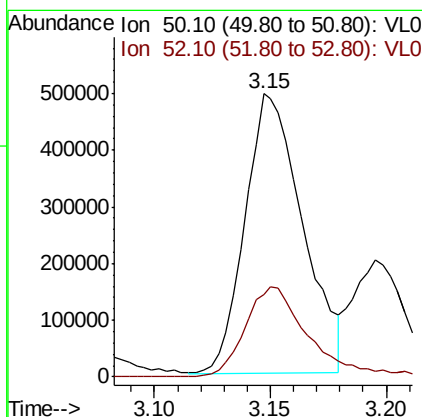
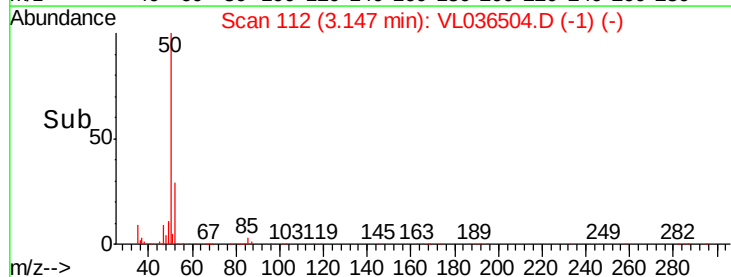
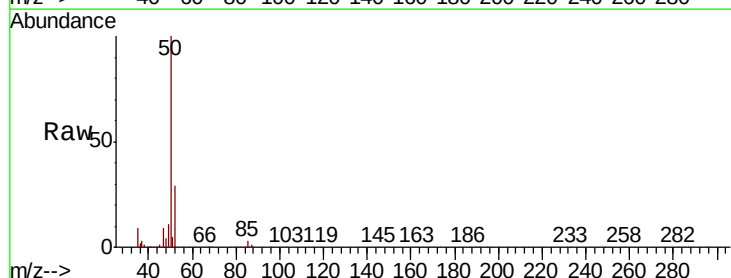
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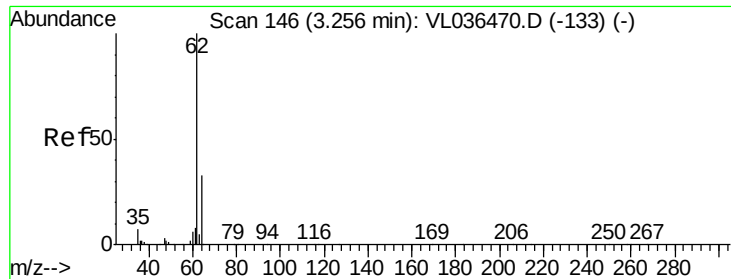
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#4
Chloromethane
Concen: 8.575 ppbv
RT: 3.15 min Scan# 112
Delta R.T. 0.01 min
Lab File: VL036504.D
Acq: 26 Mar 2021 5:51

Tgt Ion: 50 Resp: 851830
Ion Ratio Lower Upper
50 100
52 29.4 27.0 40.6





#5

Vinyl Chloride

Concen: 8.098 ppbv

RT: 3.27 min Scan# 149

Delta R.T. 0.01 min

Lab File: VL036504.D

Acq: 26 Mar 2021 5:51

Tot Ion: 62 Resp: 827093

Ion Ratio Lower Upper

62 100

64 31.5 26.4 39.6

Instrument :

MSVOA_L

ClientSampleId :

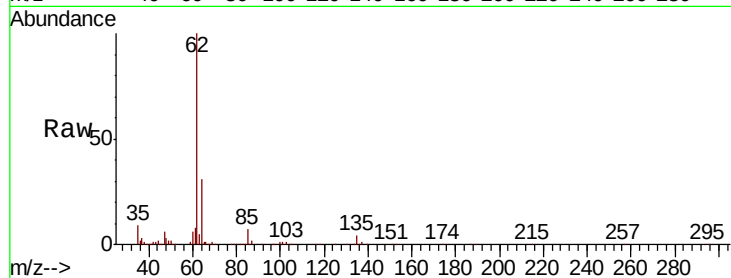
VSTDCCC010

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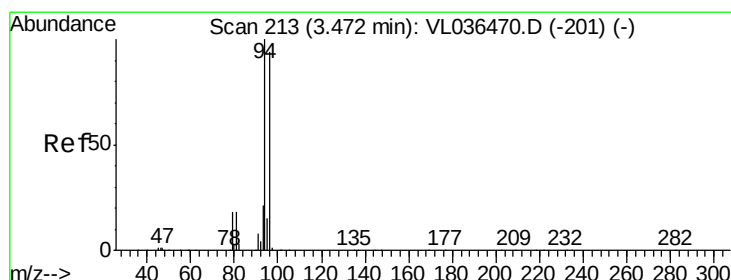
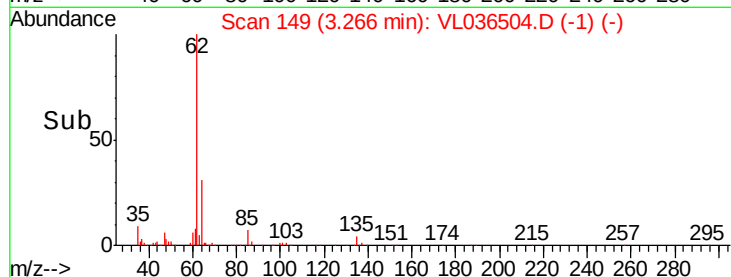
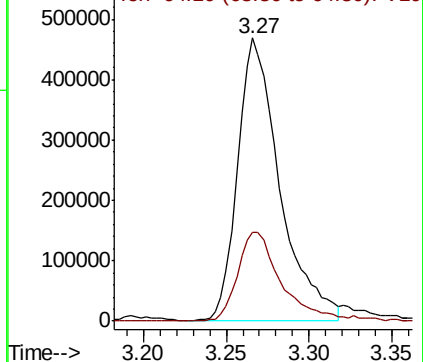
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Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0



#6

Bromomethane

Concen: 8.711 ppbv

RT: 3.48 min Scan# 217

Delta R.T. 0.01 min

Lab File: VL036504.D

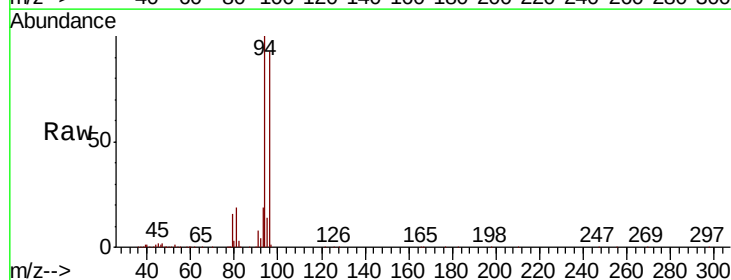
Acq: 26 Mar 2021 5:51

Tgt Ion: 94 Resp: 489858

Ion Ratio Lower Upper

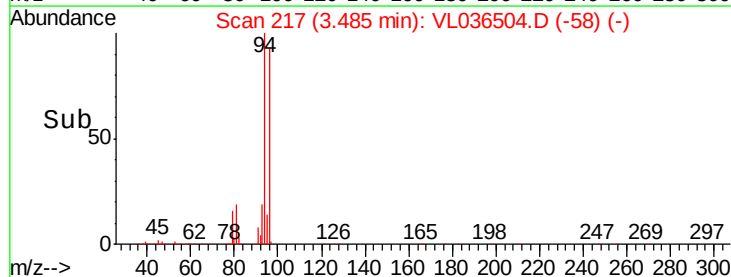
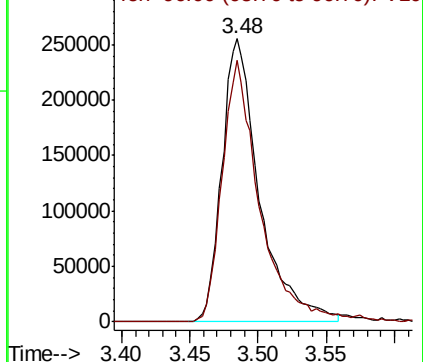
94 100

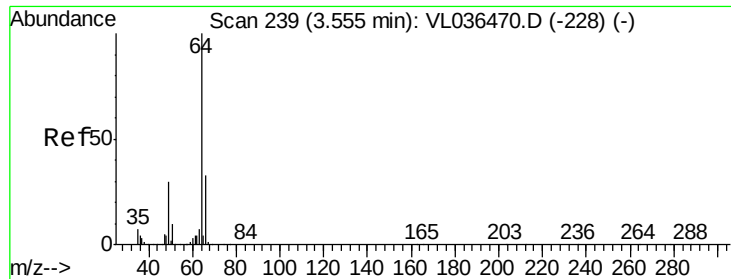
96 92.6 74.9 112.3



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0





#7

Chloroethane

Concen: 8.766 ppbv

RT: 3.57 min Scan# 243

Delta R.T. 0.01 min

Lab File: VL036504.D

Acq: 26 Mar 2021 5:51

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion: 64 Resp: 307663

Ion Ratio Lower Upper

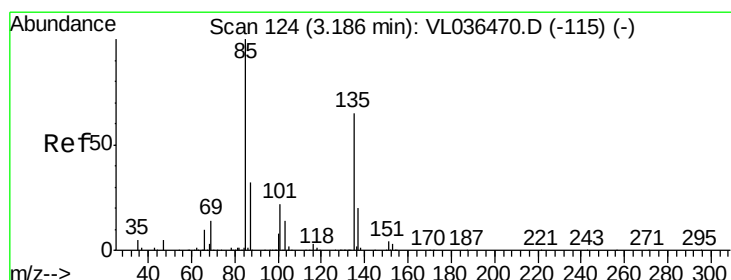
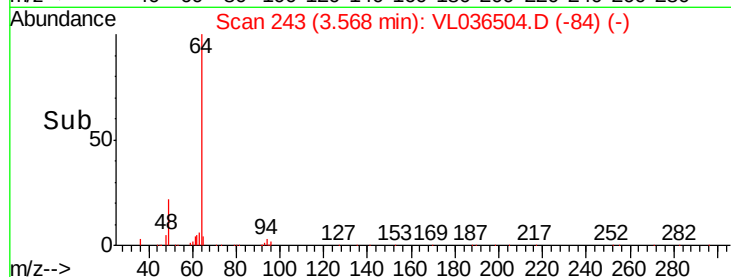
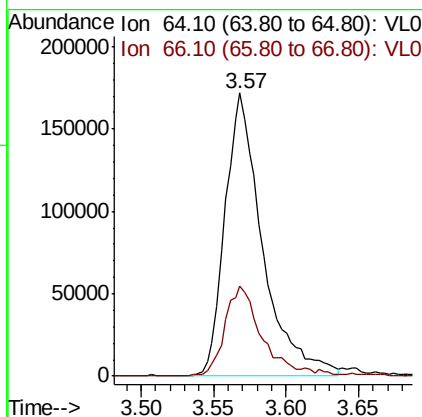
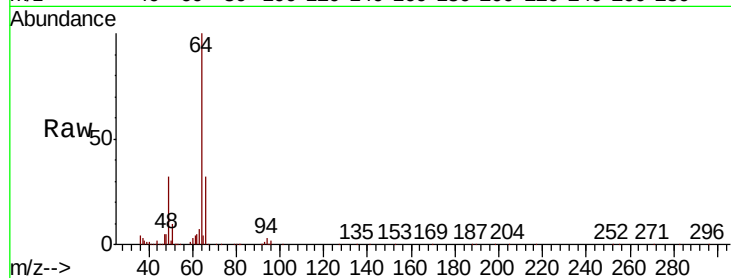
64 100

66 31.7 26.2 39.2

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#8

Dichlorotetrafluoroethane

Concen: 8.501 ppbv

RT: 3.20 min Scan# 128

Delta R.T. 0.01 min

Lab File: VL036504.D

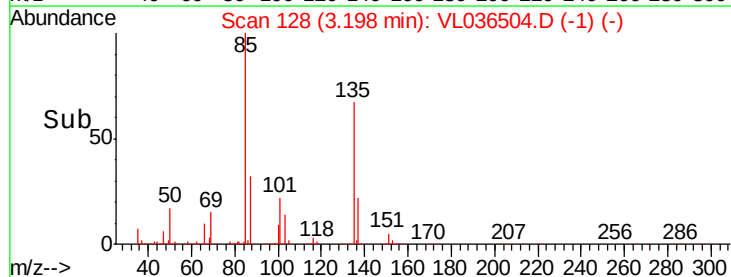
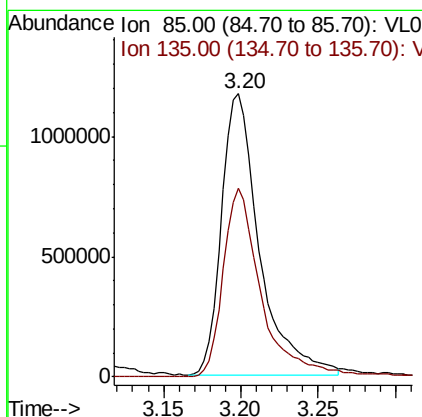
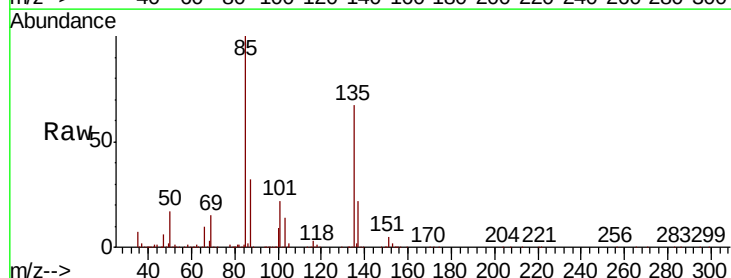
Acq: 26 Mar 2021 5:51

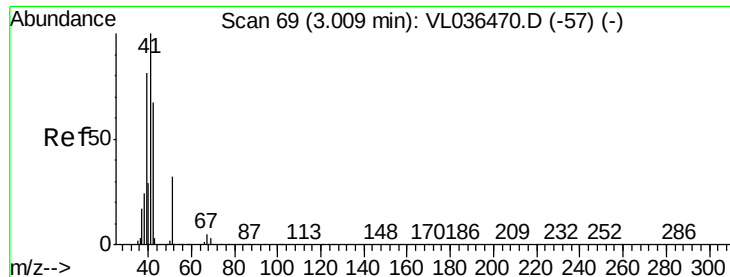
Tgt Ion: 85 Resp: 1991932

Ion Ratio Lower Upper

85 100

135 68.5 54.3 81.5





#9

Propene

Concen: 8.777 ppbv

RT: 3.02 min Scan# 72

Delta R.T. 0.01 min

Lab File: VL036504.D

Acq: 26 Mar 2021 5:51

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion: 41 Resp: 786877

Ion Ratio Lower Upper

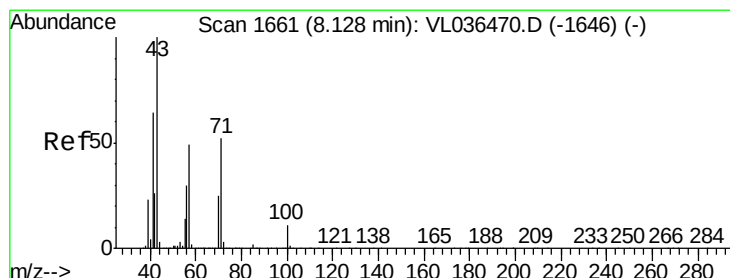
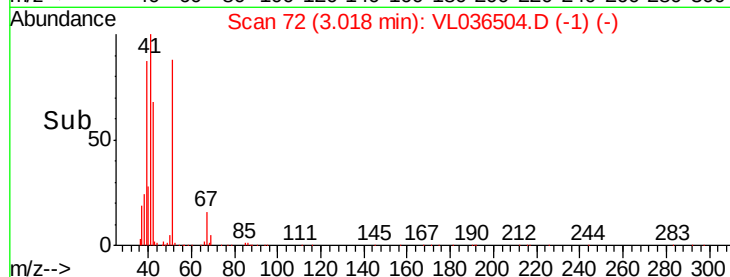
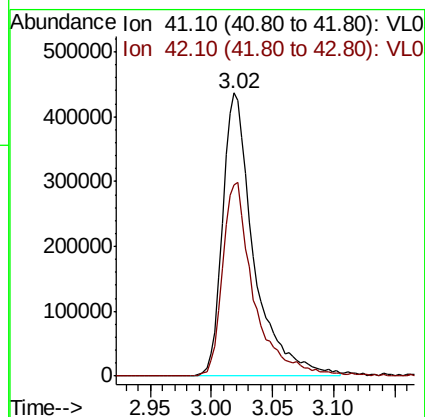
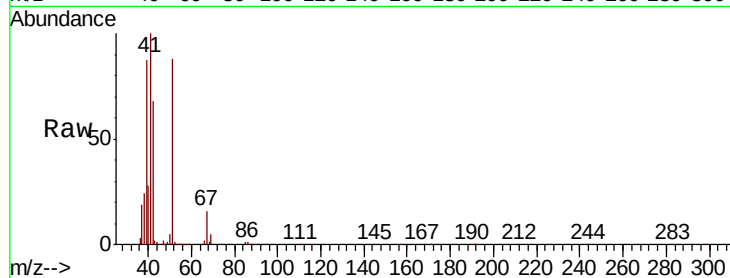
41 100

42 69.2 57.0 85.4

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#10

Heptane

Concen: 8.962 ppbv

RT: 8.14 min Scan# 1666

Delta R.T. 0.02 min

Lab File: VL036504.D

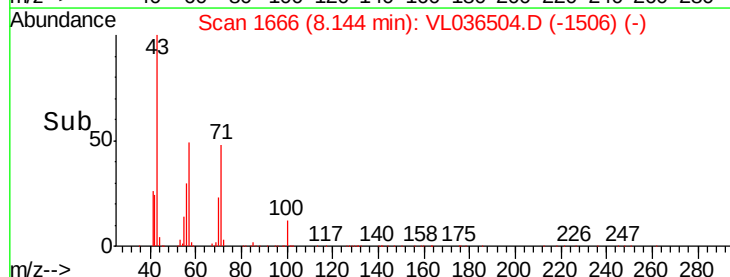
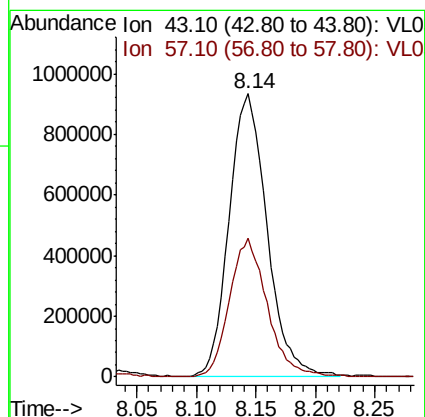
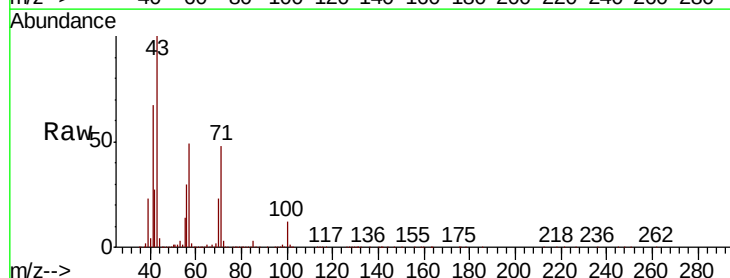
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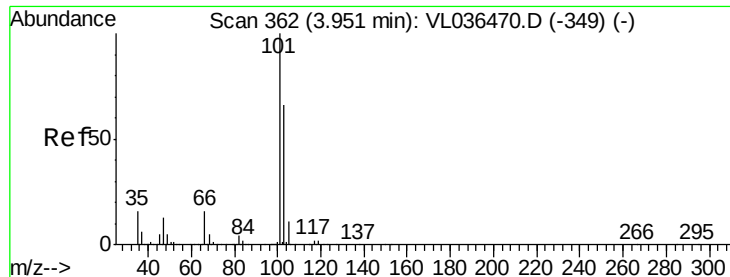
Tgt Ion: 43 Resp: 2047004

Ion Ratio Lower Upper

43 100

57 49.3 39.0 58.6





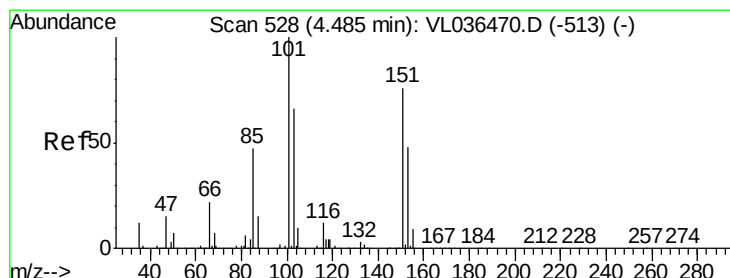
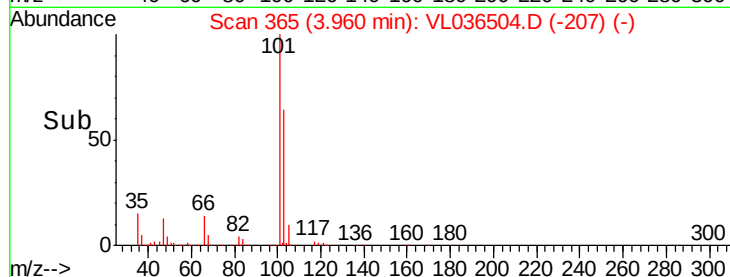
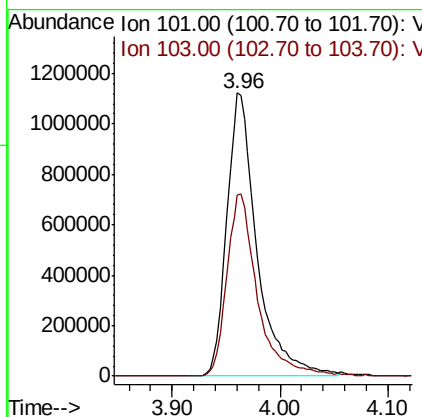
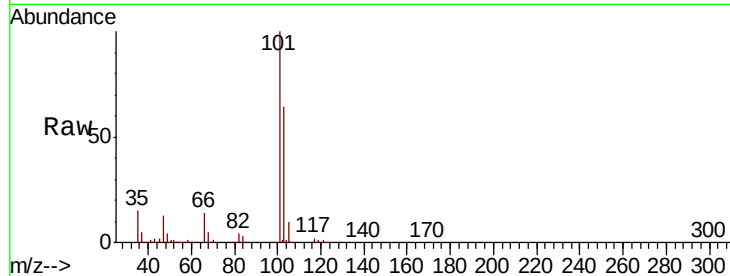
#11
 Trichlorofluoromethane
 Concen: 8.749 ppbv
 RT: 3.96 min Scan# 365
 Delta R.T. 0.01 min
 Lab File: VL036504.D
 Acq: 26 Mar 2021 5:51

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion:101 Resp: 2189024
 Ion Ratio Lower Upper
 101 100
 103 63.9 52.5 78.7

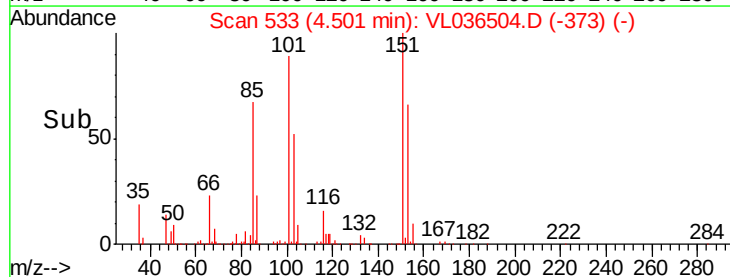
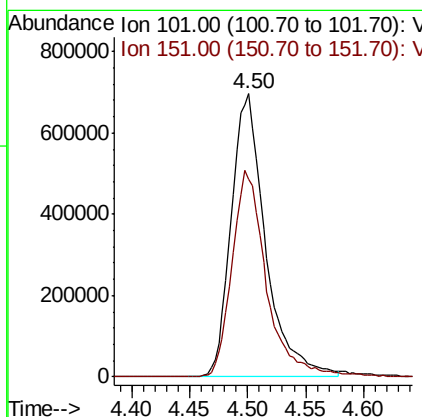
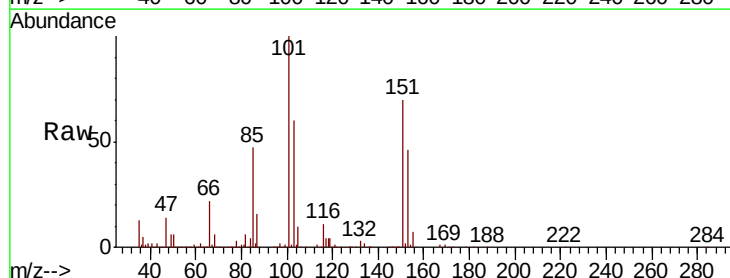
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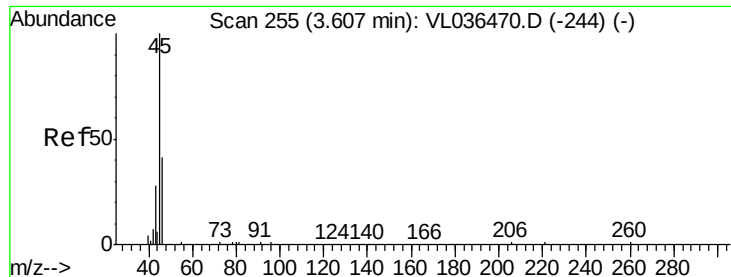
apatel
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#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.935 ppbv
 RT: 4.50 min Scan# 533
 Delta R.T. 0.02 min
 Lab File: VL036504.D
 Acq: 26 Mar 2021 5:51

Tgt Ion:101 Resp: 1429221
 Ion Ratio Lower Upper
 101 100
 151 73.5 60.9 91.3





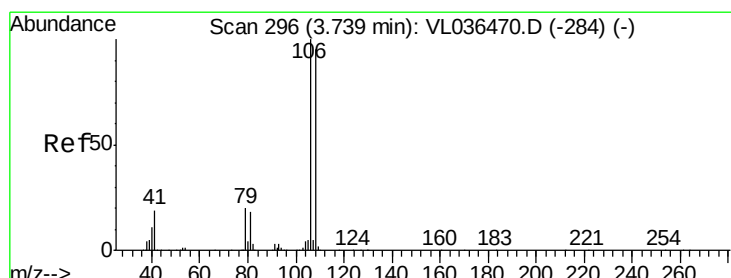
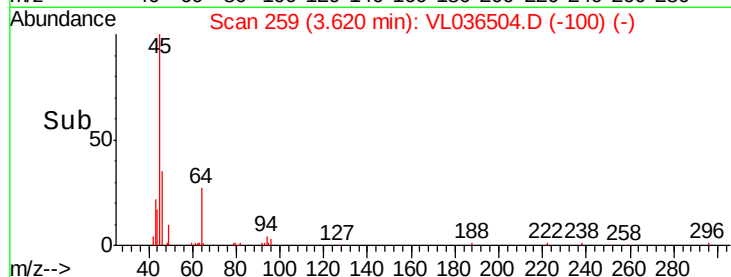
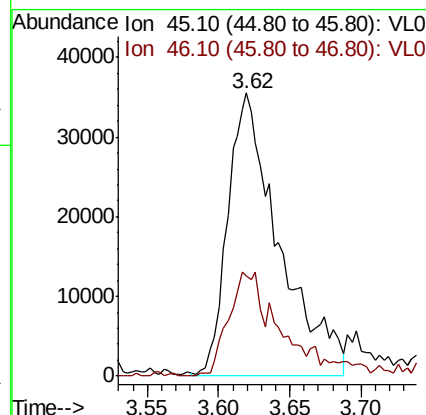
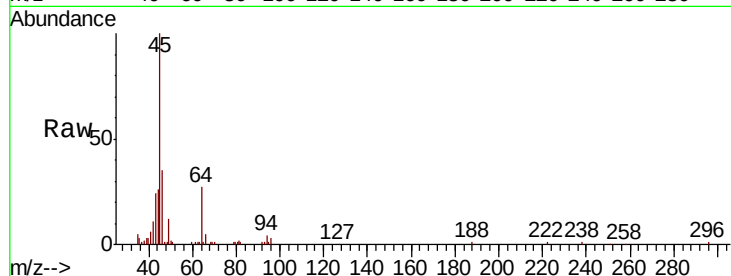
#13
Ethanol
Concen: 8.334 ppbv m
RT: 3.62 min Scan# 259
Delta R.T. 0.01 min
Lab File: VL036504.D
Acq: 26 Mar 2021 5:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion	45	Resp	88976
Ion Ratio	100	Lower	Upper
46	41.3	16.6	66.2

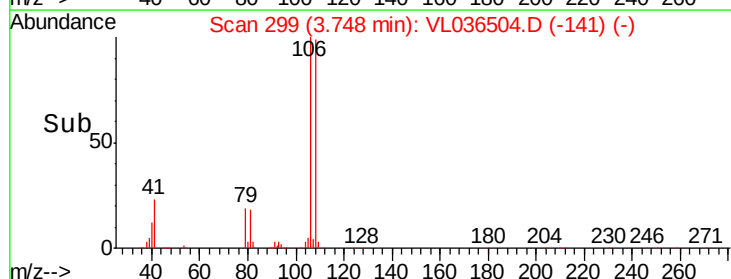
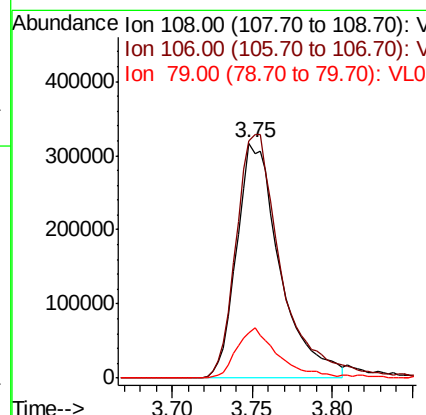
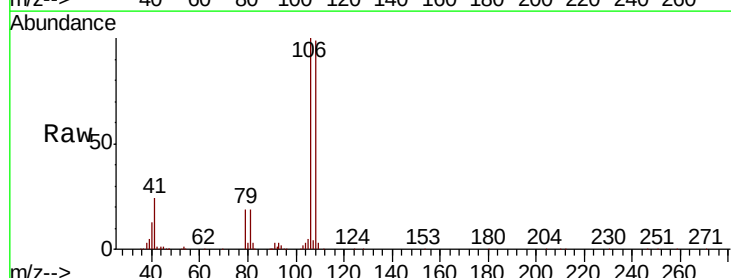
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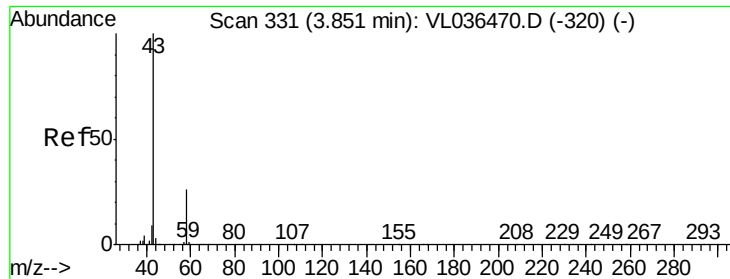
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#14
Bromoethene
Concen: 8.805 ppbv
RT: 3.75 min Scan# 299
Delta R.T. 0.01 min
Lab File: VL036504.D
Acq: 26 Mar 2021 5:51

Tgt Ion	108	Resp	585549
Ion Ratio	100	Lower	Upper
106	109.6	89.0	133.6
79	21.3	16.6	25.0





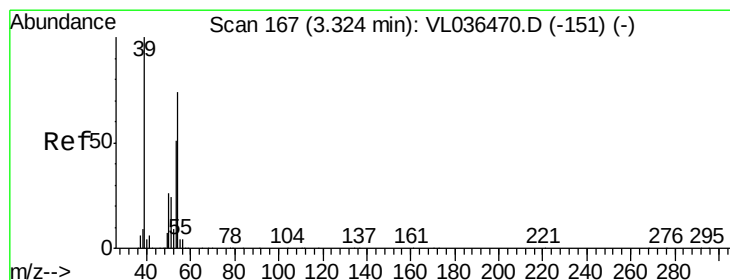
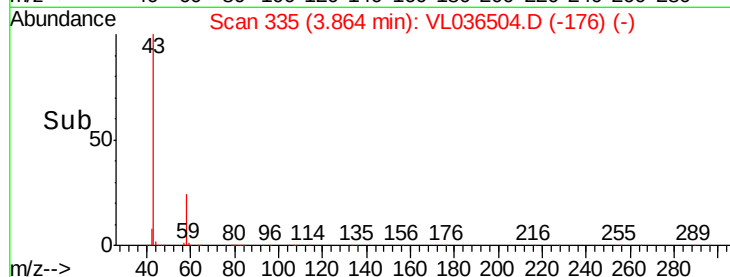
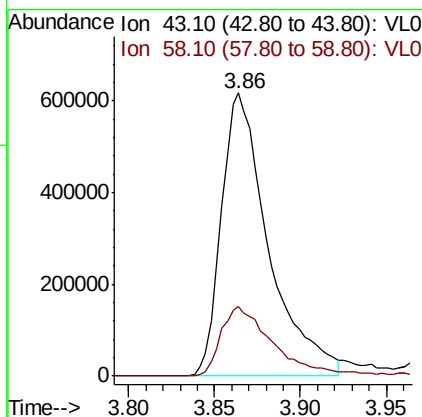
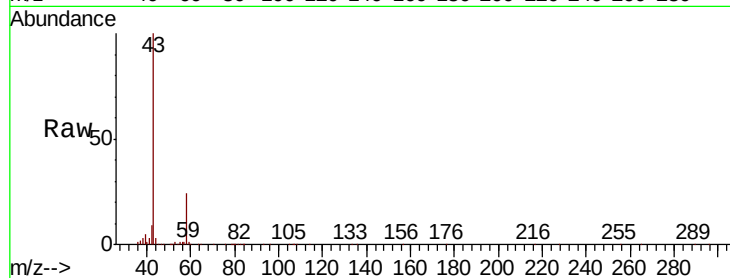
#15
Acetone
Concen: 7.962 ppbv
RT: 3.86 min Scan# 335
Delta R.T. 0.01 min
Lab File: VL036504.D
Acq: 26 Mar 2021 5:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion: 43 Resp: 1179551
Ion Ratio Lower Upper
43 100
58 28.3 21.2 31.8

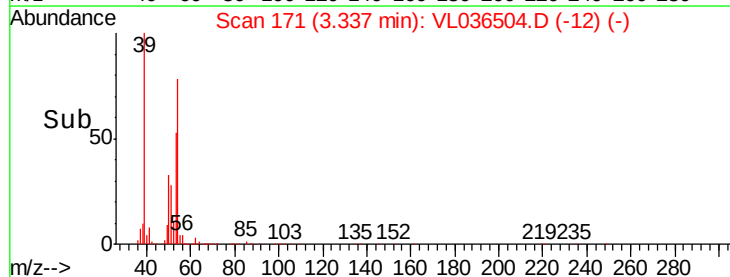
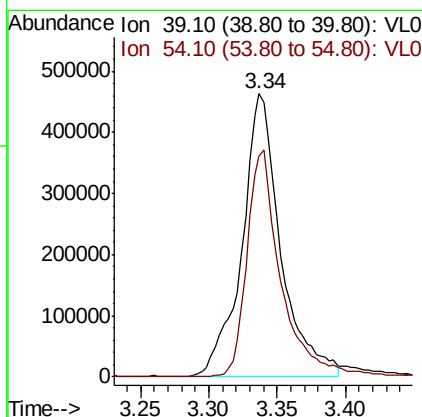
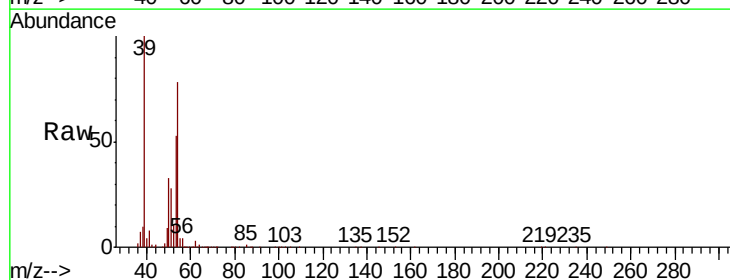
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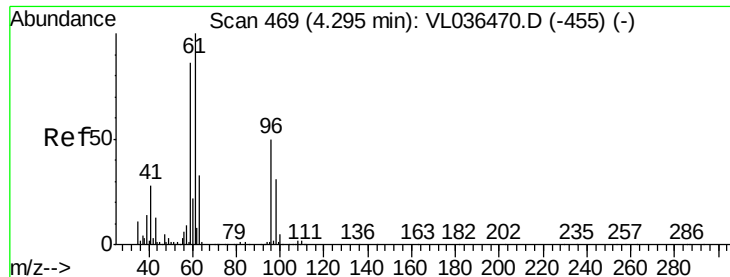
apatel
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#16
1,3-Butadiene
Concen: 8.838 ppbv
RT: 3.34 min Scan# 171
Delta R.T. 0.01 min
Lab File: VL036504.D
Acq: 26 Mar 2021 5:51

Tgt Ion: 39 Resp: 911530
Ion Ratio Lower Upper
39 100
54 71.4 58.8 88.2





#17

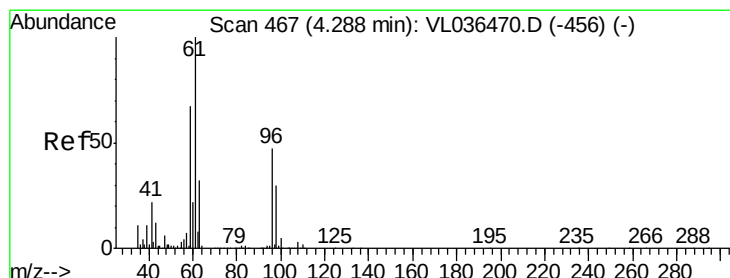
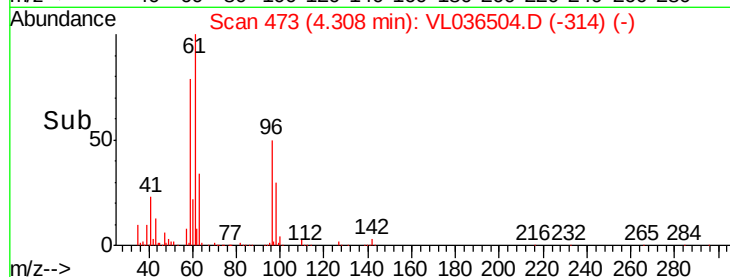
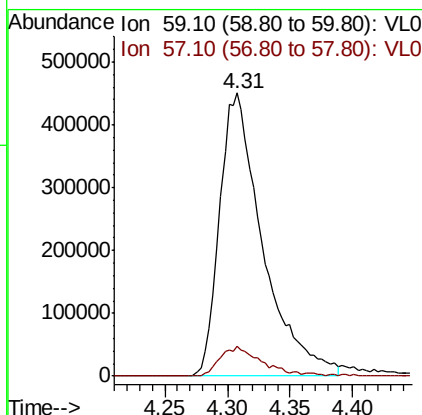
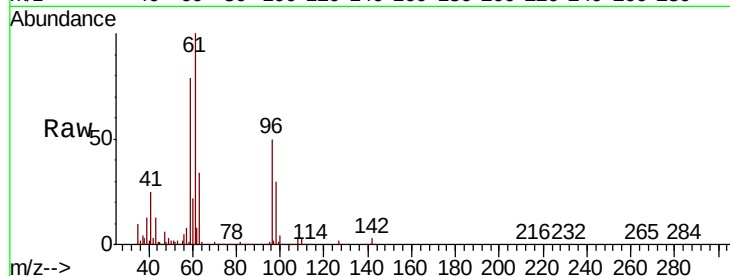
tert-Butyl alcohol
Concen: 8.298 ppbv
RT: 4.31 min Scan# 473
Delta R.T. 0.01 min
Lab File: VL036504.D
Acq: 26 Mar 2021 5:51

Instrument :
MSVOA_L
ClientSampled :
VSTDCCC010

Tot Ion: 59 Resp: 1070145
Ion Ratio Lower Upper
59 100
57 11.1 8.6 12.8

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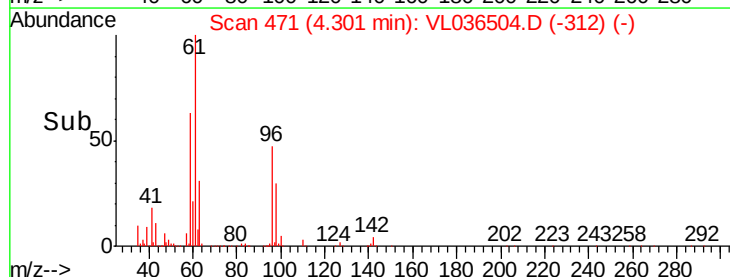
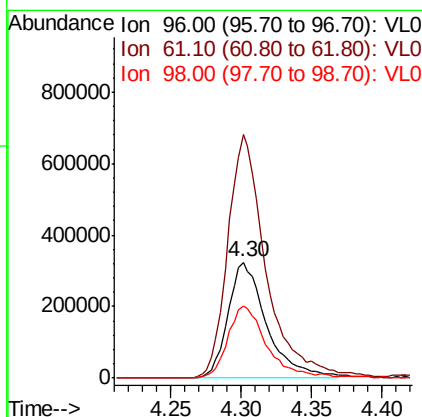
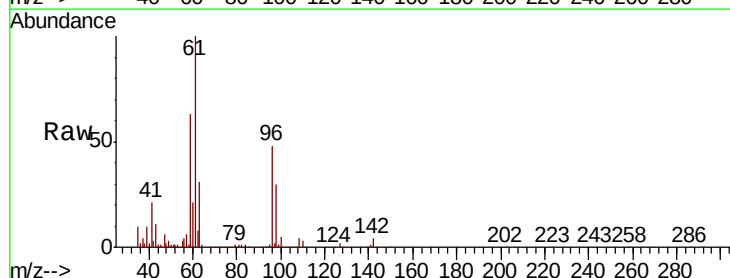
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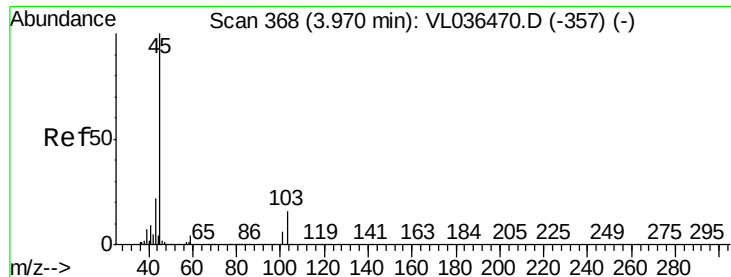


#18

1,1-Dichloroethene
Concen: 8.722 ppbv
RT: 4.30 min Scan# 471
Delta R.T. 0.01 min
Lab File: VL036504.D
Acq: 26 Mar 2021 5:51

Tgt Ion: 96 Resp: 620617
Ion Ratio Lower Upper
96 100
61 210.6 168.6 253.0
98 62.9 50.8 76.2





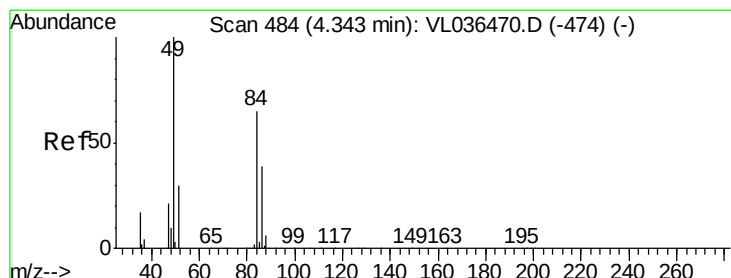
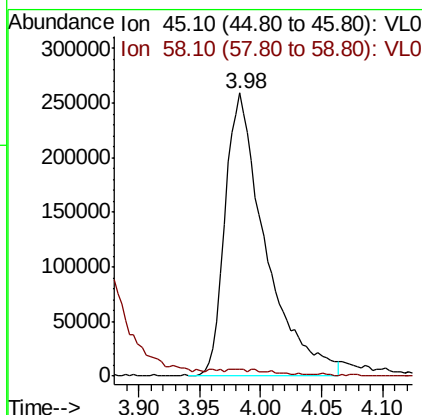
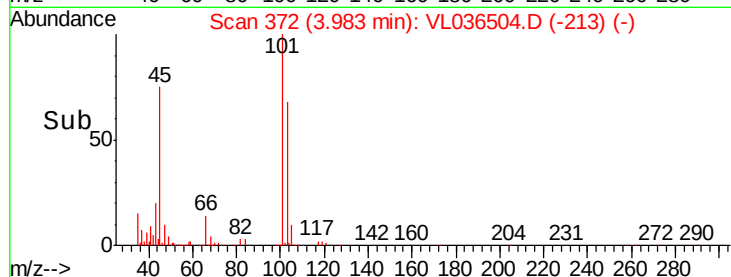
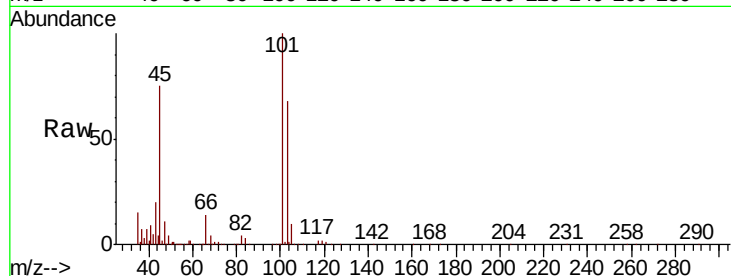
#19
Isopropyl Alcohol
Concen: 7.345 ppbv
RT: 3.98 min Scan# 372
Delta R.T. 0.01 min
Lab File: VL036504.D
Acq: 26 Mar 2021 5:51

Instrument :
MSVOA_L
ClientSampled :
VSTDCCC010

Tot Ion: 45 Resp: 598570
Ion Ratio Lower Upper
45 100
58 58.2 2.9 4.3#

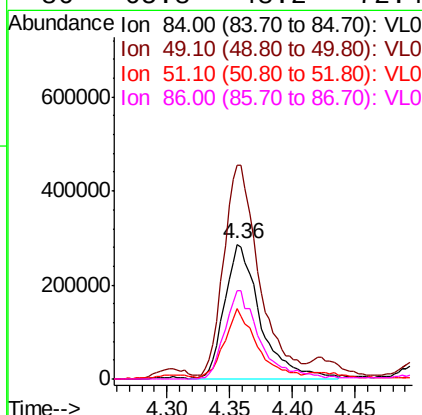
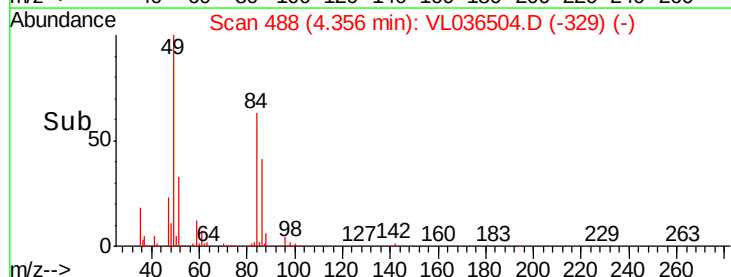
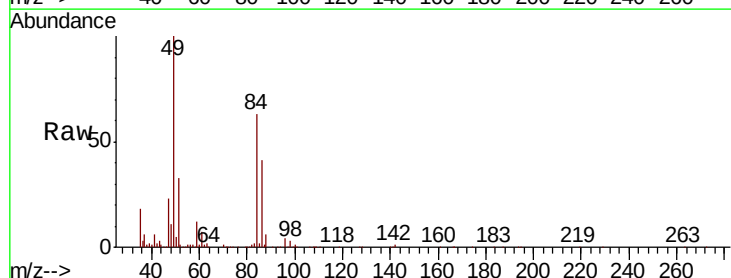
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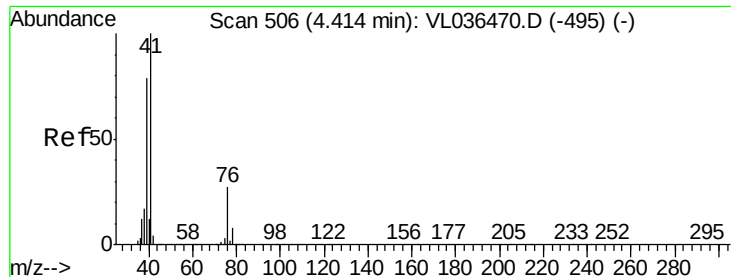
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#20
Methylene Chloride
Concen: 8.072 ppbv
RT: 4.36 min Scan# 488
Delta R.T. 0.01 min
Lab File: VL036504.D
Acq: 26 Mar 2021 5:51

Tgt Ion: 84 Resp: 559868
Ion Ratio Lower Upper
84 100
49 155.8 122.9 184.3
51 50.4 36.9 55.3
86 65.8 48.2 72.4





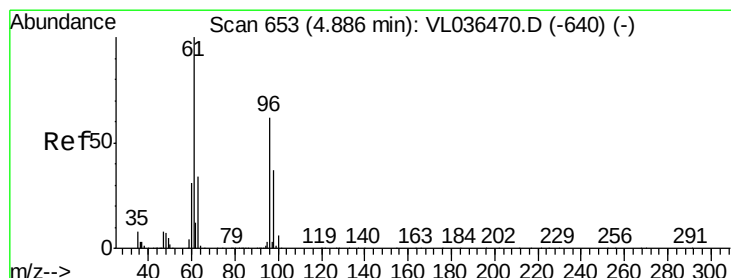
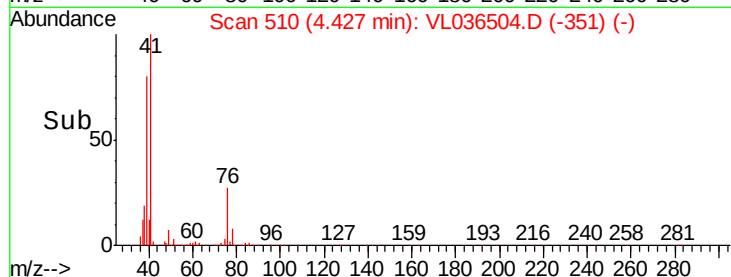
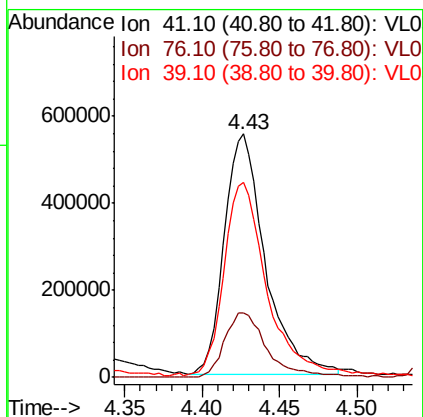
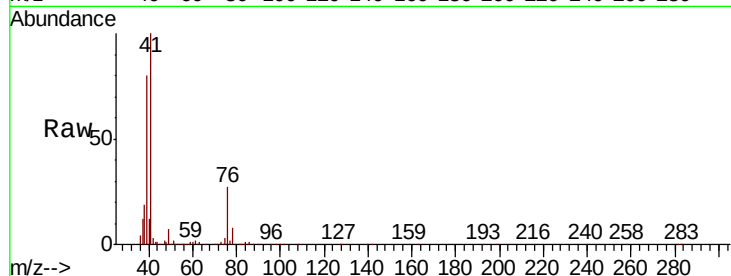
#21
 Allvl Chloride
 Concen: 8.564 ppbv
 RT: 4.43 min Scan# 510
 Delta R.T. 0.01 min
 Lab File: VL036504.D
 Acq: 26 Mar 2021 5:51

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion	Ratio	Lower	Upper
41	100		
76	28.5	22.9	34.3
39	85.6	67.3	100.9

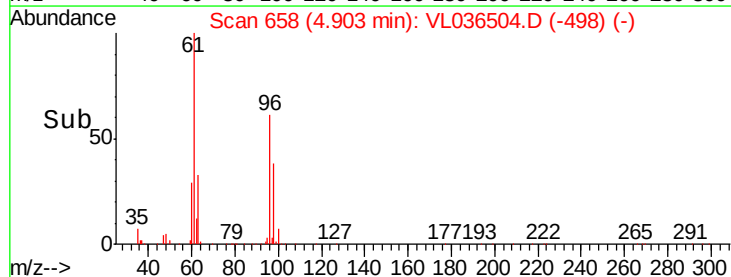
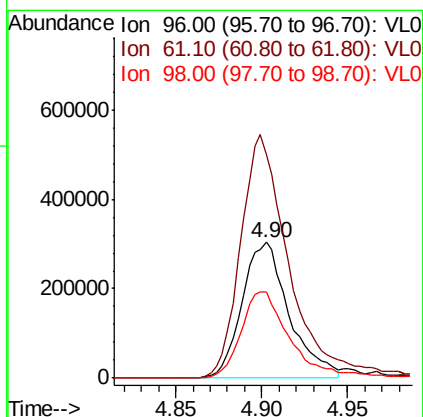
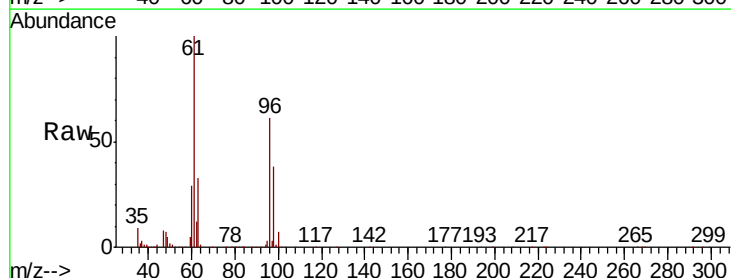
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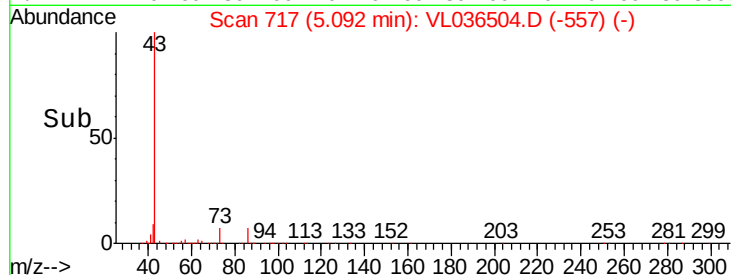
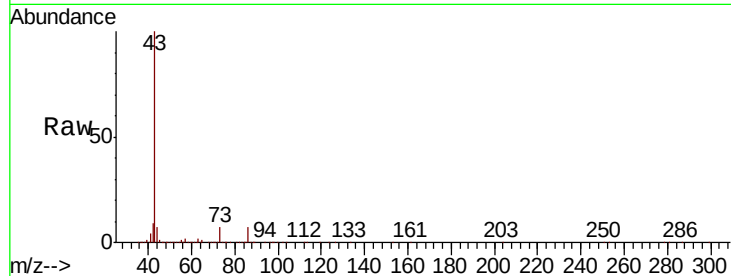
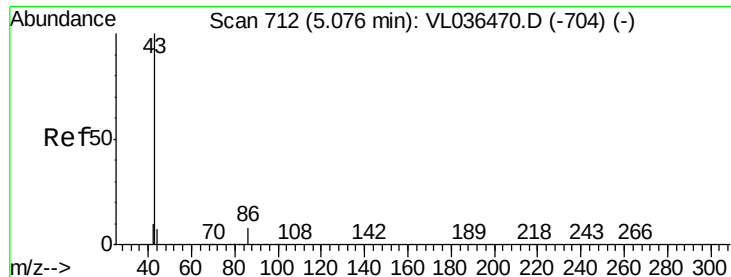
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#22
 trans-1,2-Dichloroethene
 Concen: 8.736 ppbv
 RT: 4.90 min Scan# 658
 Delta R.T. 0.02 min
 Lab File: VL036504.D
 Acq: 26 Mar 2021 5:51

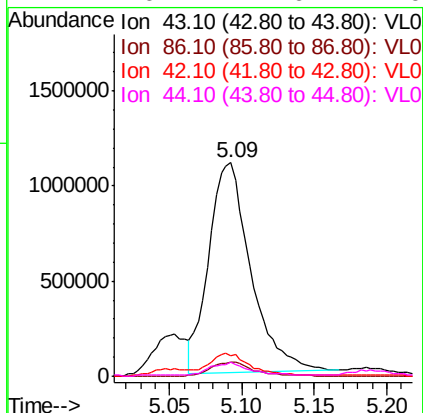
Tgt Ion	Ratio	Lower	Upper
96	100		
61	164.4	129.4	194.0
98	63.2	48.2	72.4





#23
 Vinyl Acetate
 Concen: 8.798 ppbv
 RT: 5.09 min Scan# 717
 Delta R.T. 0.02 min
 Lab File: VL036504.D
 Acq: 26 Mar 2021 5:51

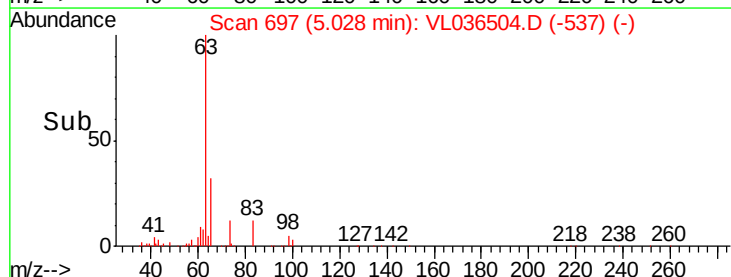
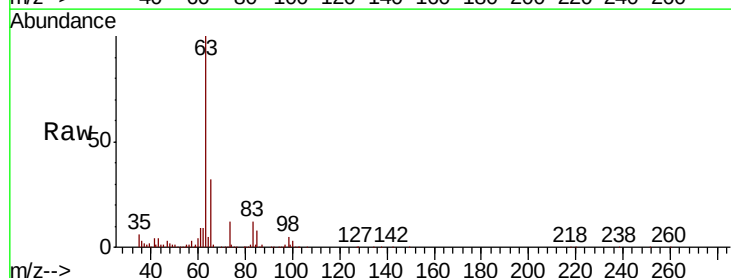
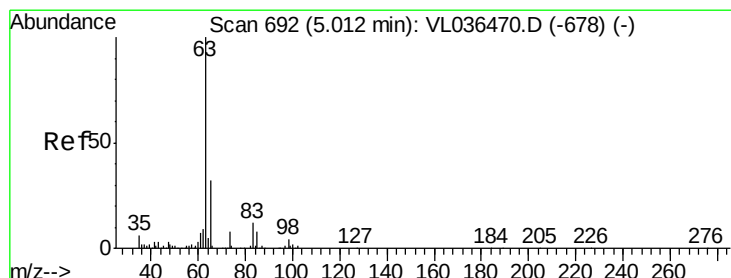
Tot Ion	43	Resp	2229521
Ion	Ratio	Lower	Upper
43	100		
86	6.8	5.4	8.0
42	9.1	8.5	12.7
44	6.1	4.6	7.0



Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

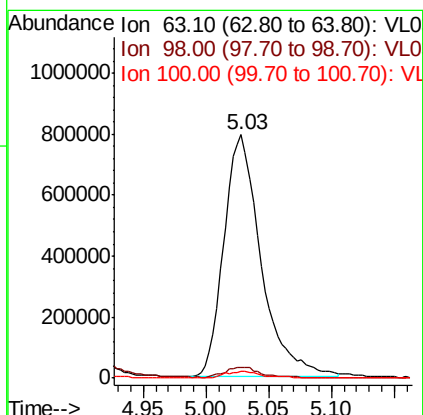
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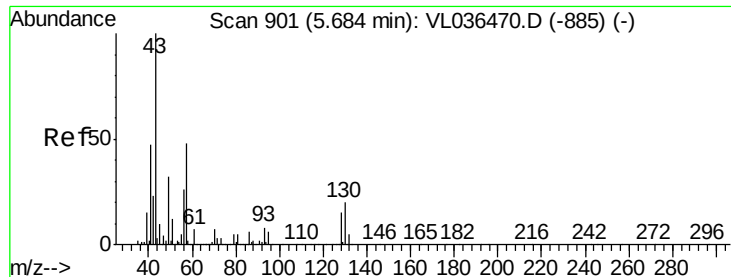
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#24
 1,1-Dichloroethane
 Concen: 8.876 ppbv
 RT: 5.03 min Scan# 697
 Delta R.T. 0.02 min
 Lab File: VL036504.D
 Acq: 26 Mar 2021 5:51

Tgt Ion	63	Resp	1639425
Ion	Ratio	Lower	Upper
63	100		
98	4.5	2.1	6.2
100	2.8	0.9	2.8





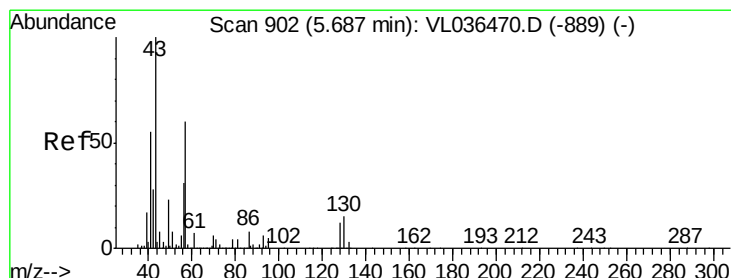
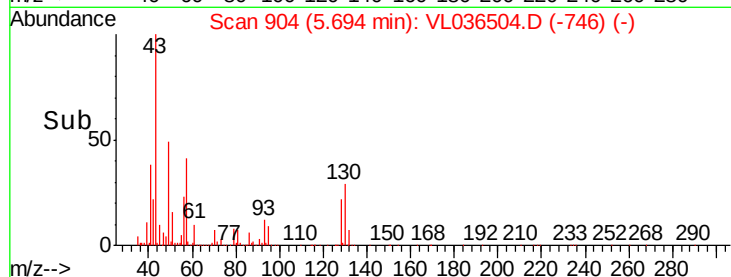
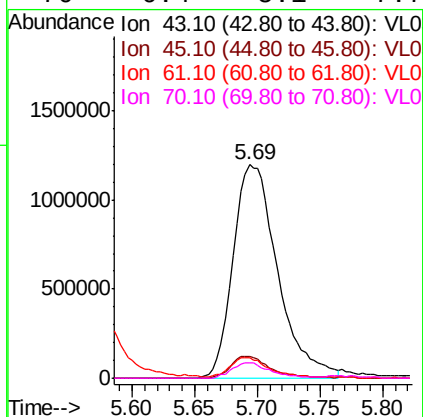
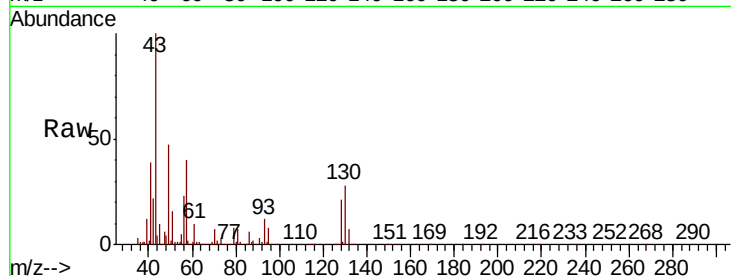
#25
Ethyl Acetate
Concen: 8.356 ppbv
RT: 5.69 min Scan# 904
Delta R.T. 0.01 min
Lab File: VL036504.D
Acq: 26 Mar 2021 5:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion	Ion	Ratio	Lower	Upper
43	100			
45	9.7	7.9	11.9	
61	8.5	7.4	11.2	
70	6.4	5.1	7.7	

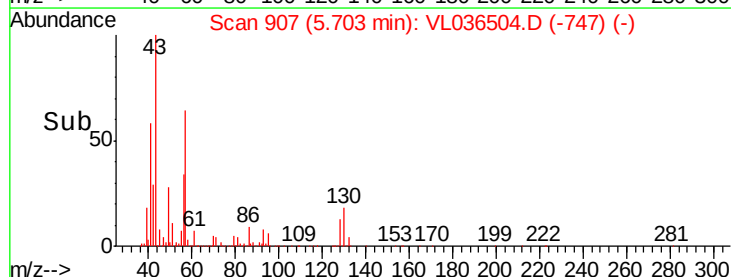
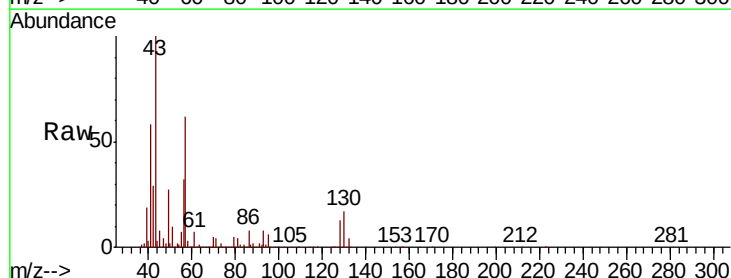
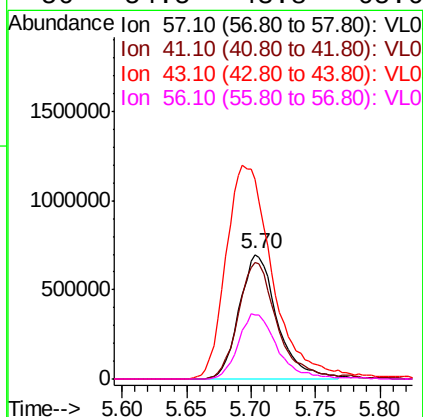
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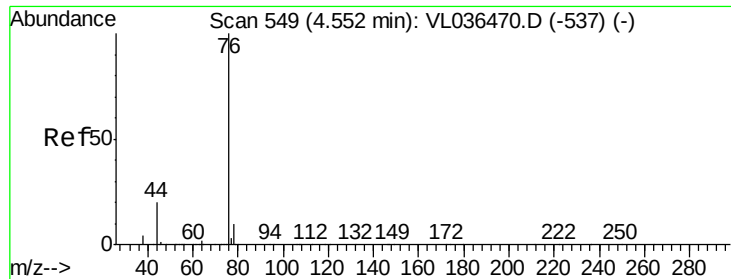
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#26
Hexane
Concen: 8.756 ppbv
RT: 5.70 min Scan# 907
Delta R.T. 0.02 min
Lab File: VL036504.D
Acq: 26 Mar 2021 5:51

Tgt Ion	Ion	Ratio	Lower	Upper
57	100			
41	97.8	77.2	115.8	
43	212.0	173.8	260.6	
56	54.5	43.8	65.6	





#27

Carbon Disulfide

Concen: 9.701 ppbv

RT: 4.56 min Scan# 552

Delta R.T. 0.01 min

Lab File: VL036504.D

Acq: 26 Mar 2021 5:51

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion: 76 Resp: 1562042

Ion Ratio Lower Upper

76 100

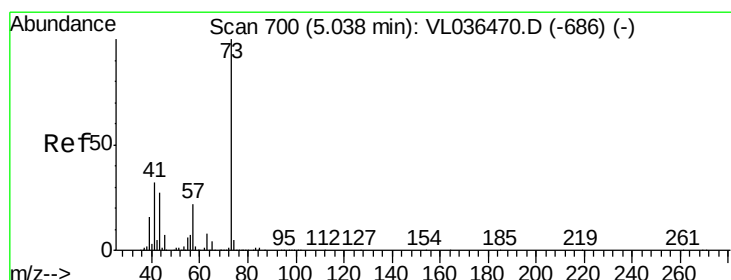
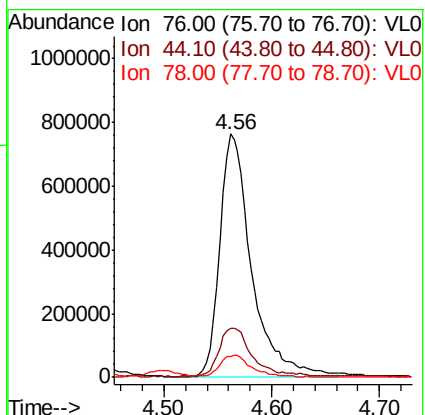
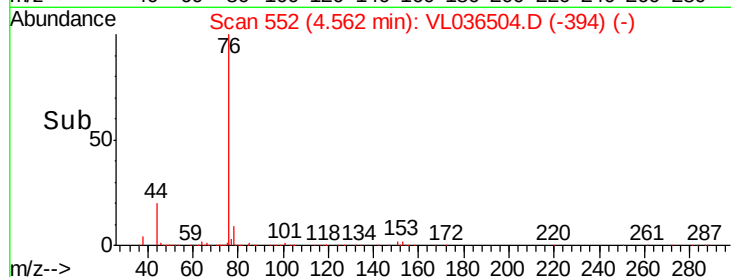
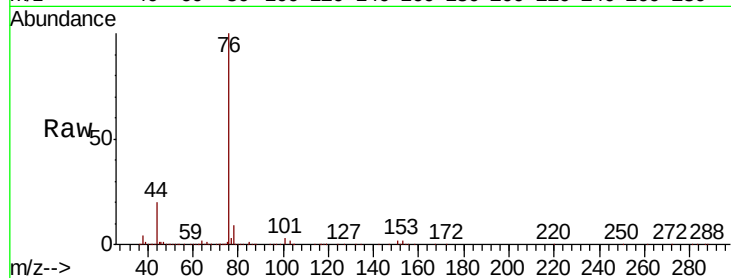
44 22.1 17.5 26.3

78 9.6 8.6 13.0

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#28

Methyl tert-Butyl Ether

Concen: 8.467 ppbv

RT: 5.05 min Scan# 705

Delta R.T. 0.02 min

Lab File: VL036504.D

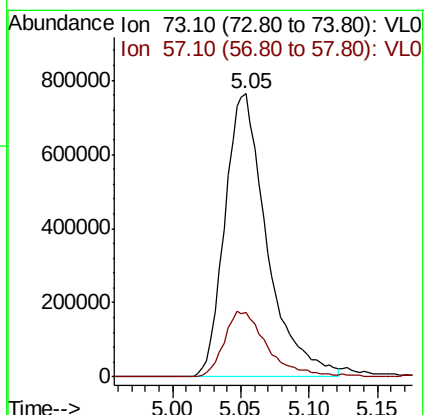
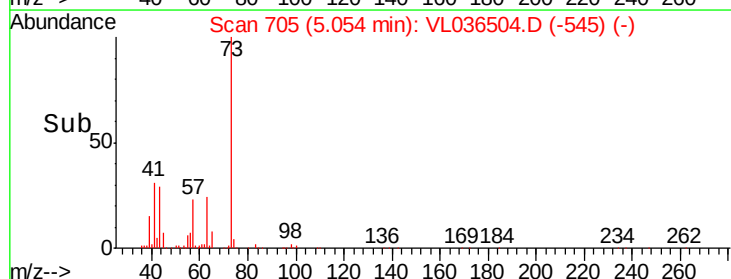
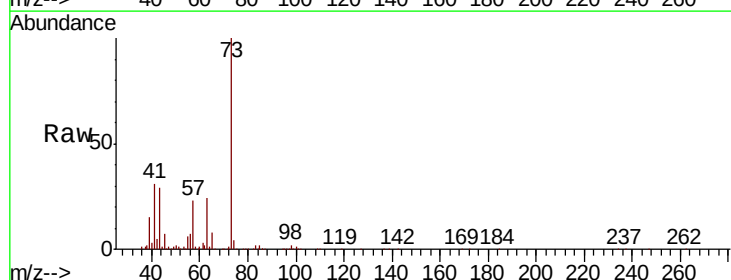
Acq: 26 Mar 2021 5:51

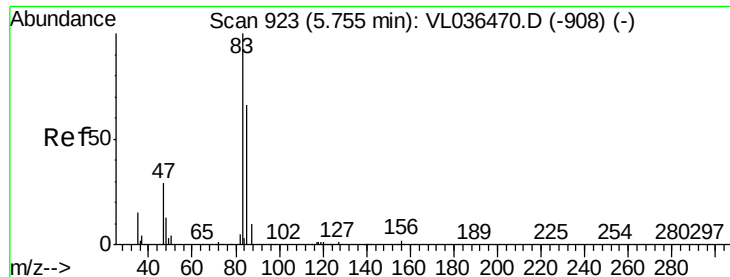
Tgt Ion: 73 Resp: 1631983

Ion Ratio Lower Upper

73 100

57 24.0 18.5 27.7





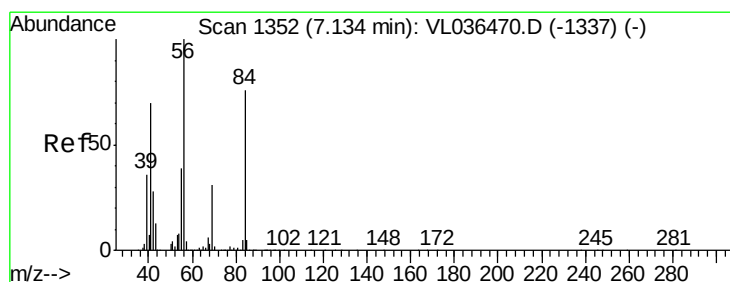
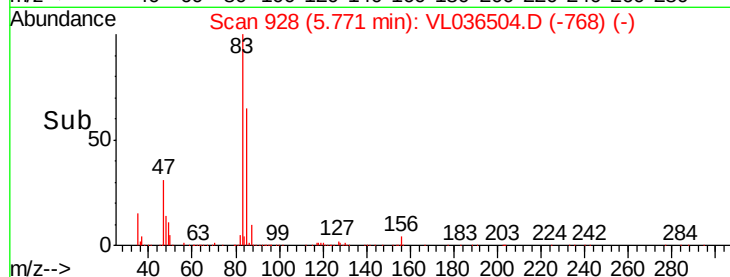
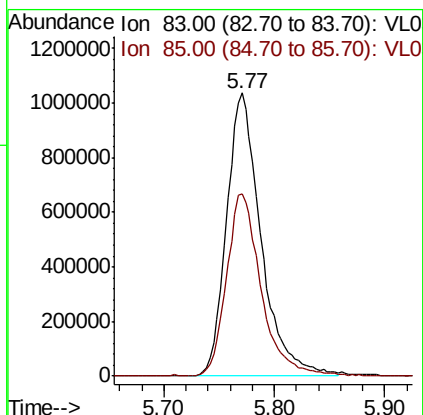
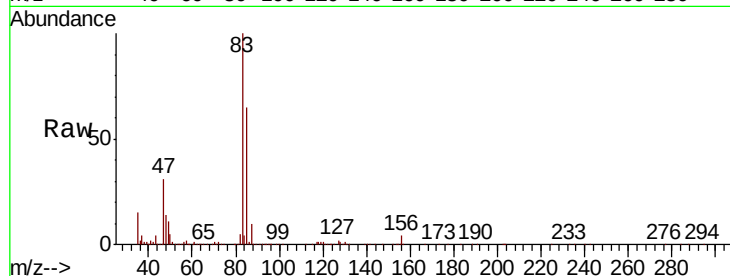
#29
Chloroform
Concen: 8.594 ppbv
RT: 5.77 min Scan# 928
Delta R.T. 0.02 min
Lab File: VL036504.D
Acq: 26 Mar 2021 5:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion: 83 Resp: 2246430
Ion Ratio Lower Upper
83 100
85 64.4 52.6 78.8

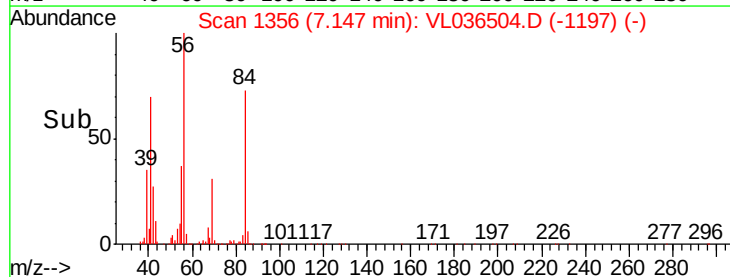
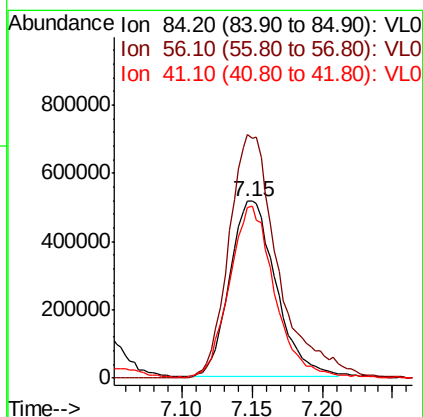
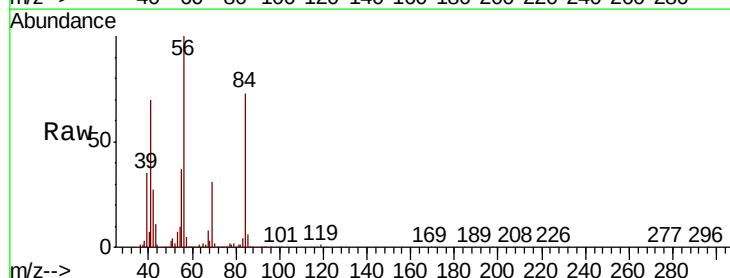
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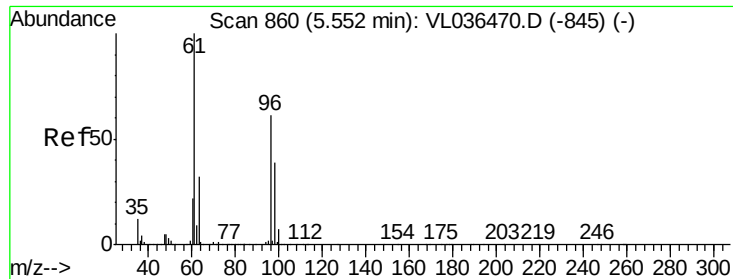
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#30
Cyclohexane
Concen: 8.882 ppbv
RT: 7.15 min Scan# 1356
Delta R.T. 0.01 min
Lab File: VL036504.D
Acq: 26 Mar 2021 5:51

Tgt Ion: 84 Resp: 1177391
Ion Ratio Lower Upper
84 100
56 149.4 114.6 171.8
41 97.2 75.3 112.9





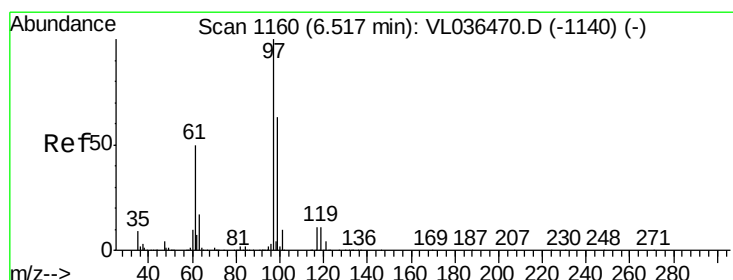
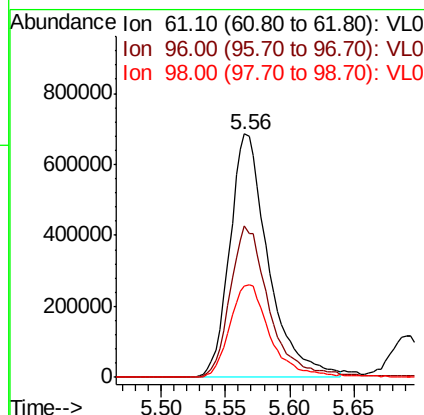
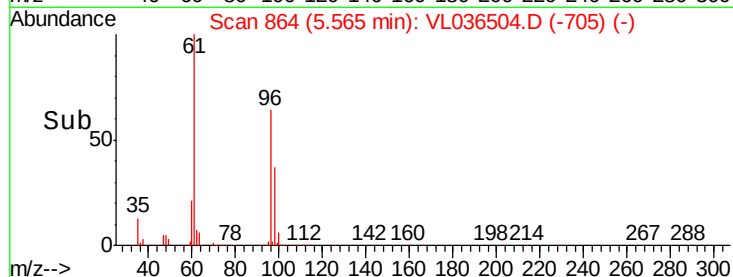
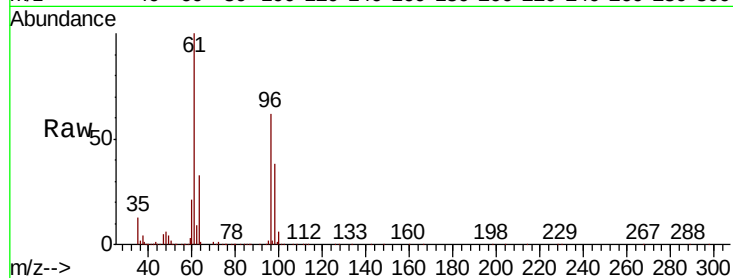
#31
 cis-1,2-Dichloroethene
 Concen: 9.004 ppbv
 RT: 5.56 min Scan# 864
 Delta R.T. 0.01 min
 Lab File: VL036504.D
 Acq: 26 Mar 2021 5:51

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion: 61 Resp: 1423375
 Ion Ratio Lower Upper
 61 100
 96 62.2 48.7 73.1
 98 37.7 31.4 47.0

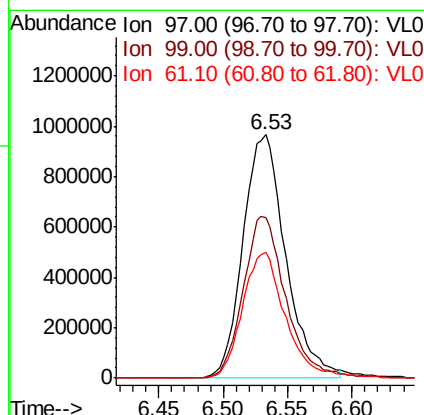
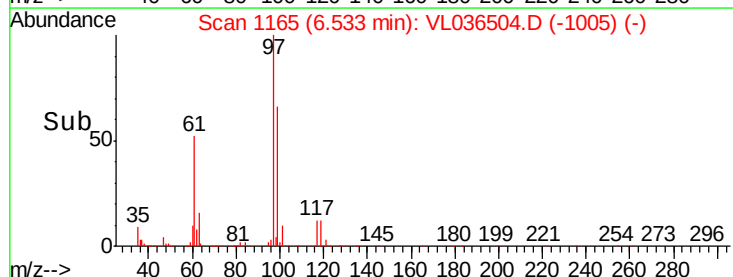
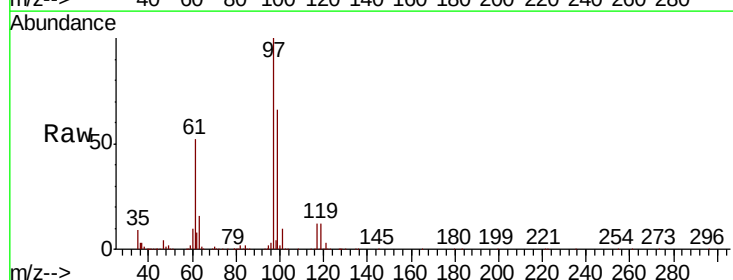
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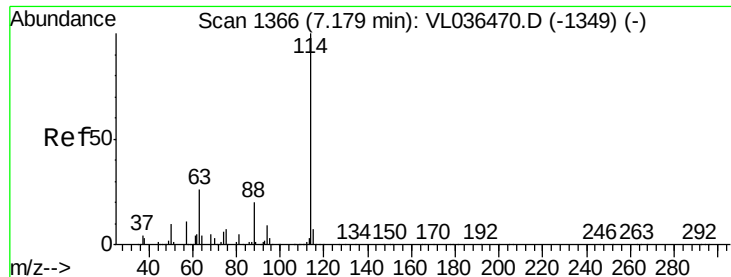
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#32
 1,1,1-Trichloroethane
 Concen: 8.460 ppbv
 RT: 6.53 min Scan# 1165
 Delta R.T. 0.02 min
 Lab File: VL036504.D
 Acq: 26 Mar 2021 5:51

Tgt Ion: 97 Resp: 2228674
 Ion Ratio Lower Upper
 97 100
 99 66.6 51.4 77.0
 61 52.4 40.6 60.8





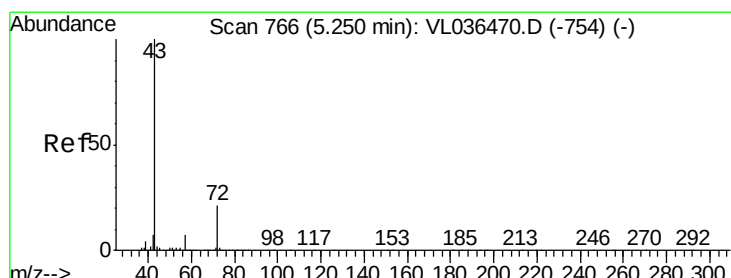
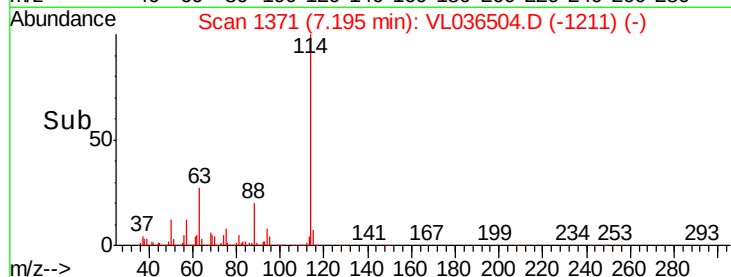
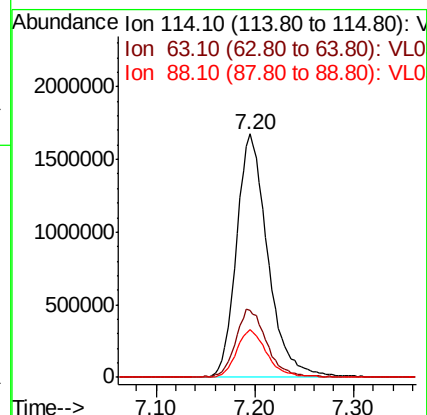
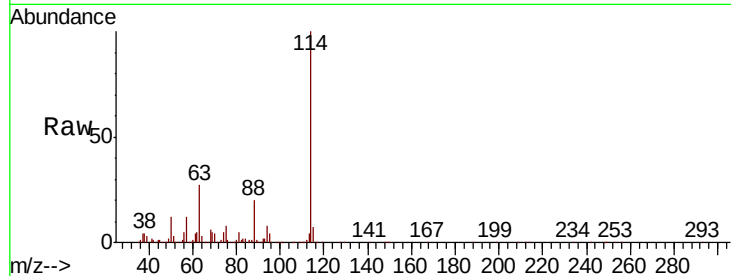
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.20 min Scan# 1371
 Delta R.T. 0.02 min
 Lab File: VL036504.D
 Acq: 26 Mar 2021 5:51

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion	Ratio	Lower	Upper
114	100		
63	28.3	22.4	33.6
88	19.2	15.4	23.0

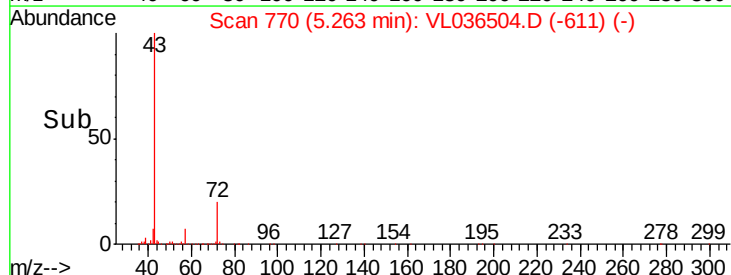
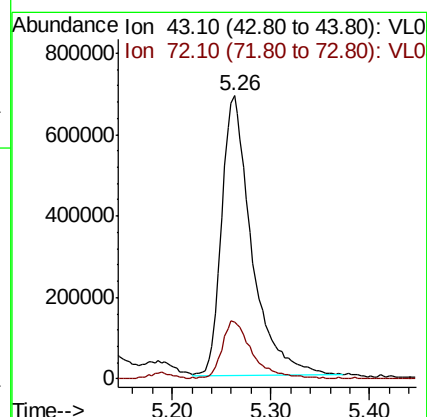
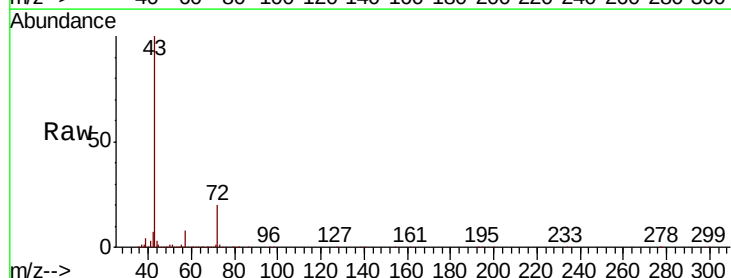
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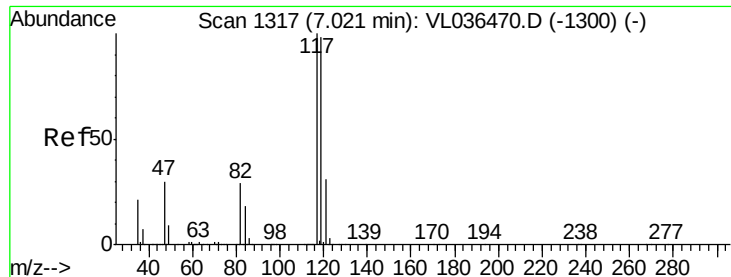
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#34
 2-Butanone
 Concen: 8.154 ppbv
 RT: 5.26 min Scan# 770
 Delta R.T. 0.01 min
 Lab File: VL036504.D
 Acq: 26 Mar 2021 5:51

Tgt Ion	Ratio	Lower	Upper
43	100		
72	21.3	17.0	25.6





#35

Carbon Tetrachloride

Concen: 8.261 ppbv

RT: 7.04 min Scan# 1322

Delta R.T. 0.02 min

Lab File: VL036504.D

Acq: 26 Mar 2021 5:51

Instrument :

MSVOA_L

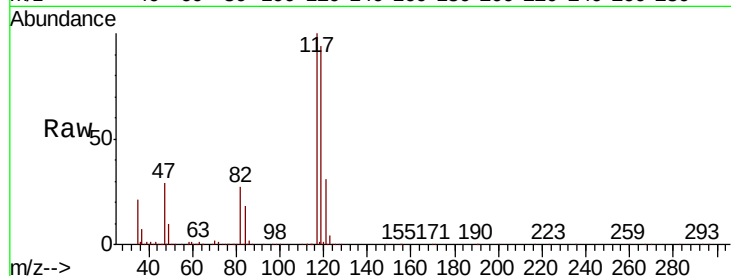
ClientSampled :

VSTDCCC010

Tot Ion	Ratio	Lower	Upper
117	100		
119	94.1	78.2	117.2
121	30.7	24.5	36.7

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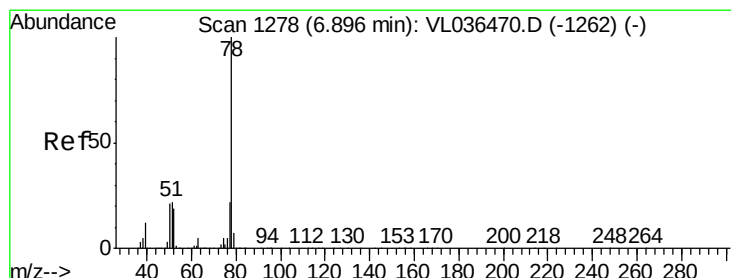
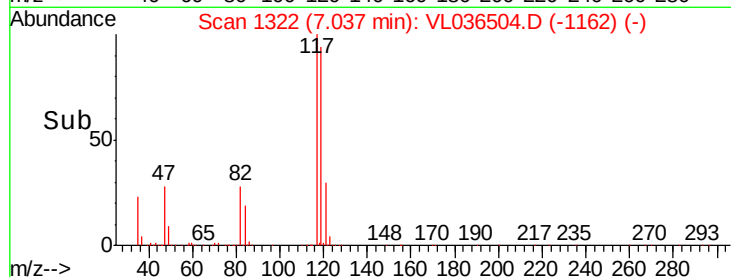
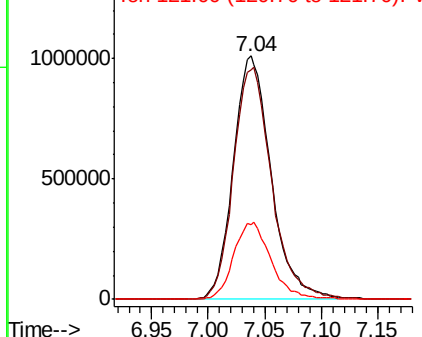


Abundance

Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#36

Benzene

Concen: 8.658 ppbv

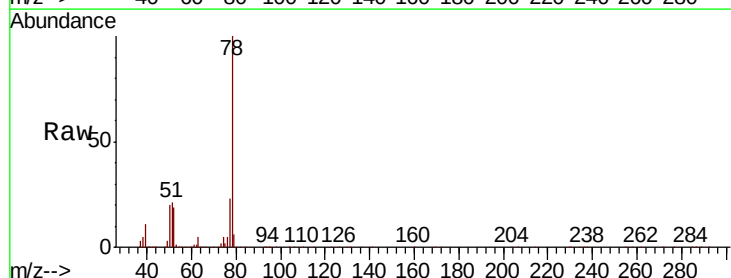
RT: 6.91 min Scan# 1283

Delta R.T. 0.02 min

Lab File: VL036504.D

Acq: 26 Mar 2021 5:51

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.6	18.0	27.0
50	20.4	16.5	24.7

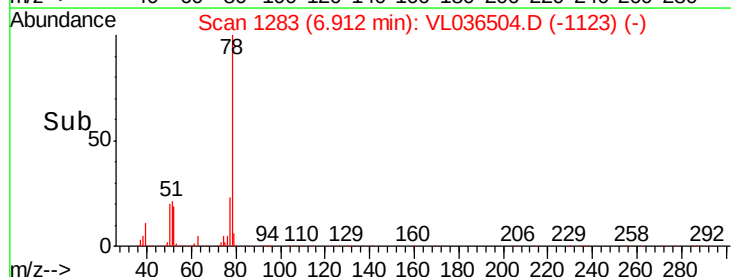
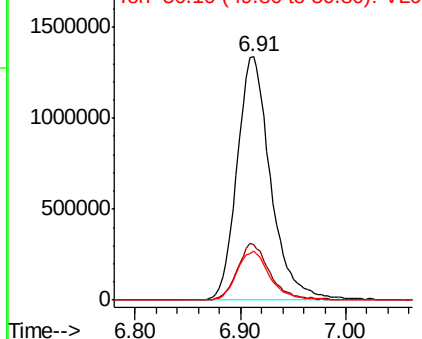


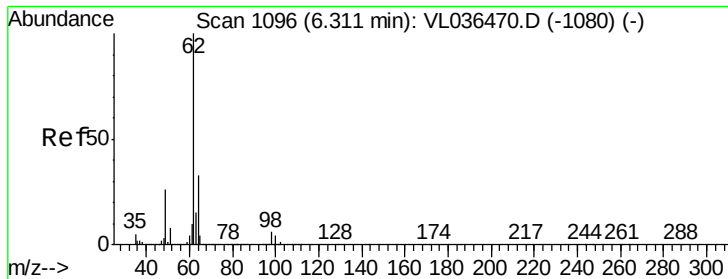
Abundance

Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0





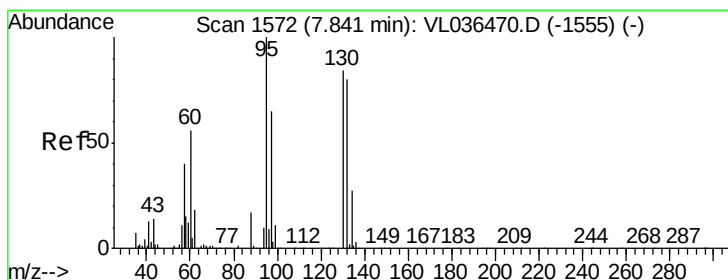
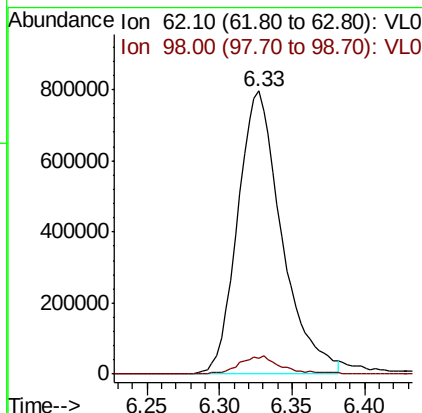
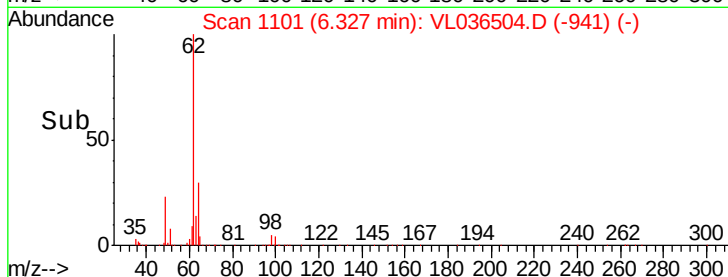
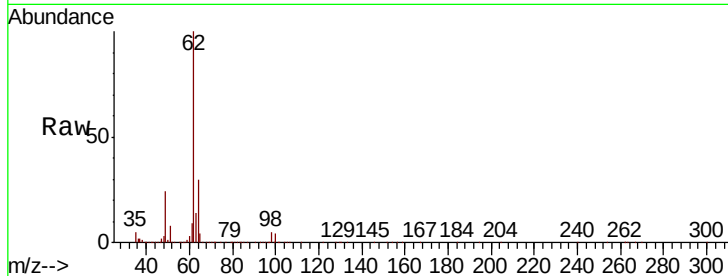
#37
 1,2-Dichloroethane
 Concen: 8.360 ppbv
 RT: 6.33 min Scan# 1101
 Delta R.T. 0.02 min
 Lab File: VL036504.D
 Acq: 26 Mar 2021 5:51

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion	Ratio	Lower	Upper
62	100		
98	6.2	4.9	7.3

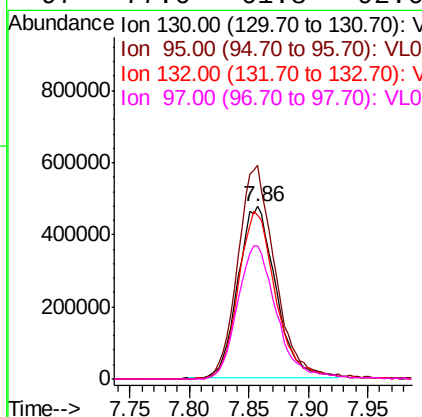
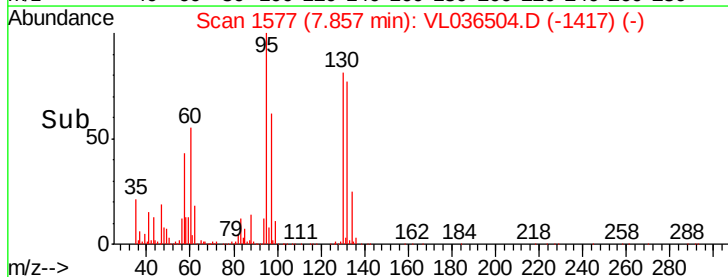
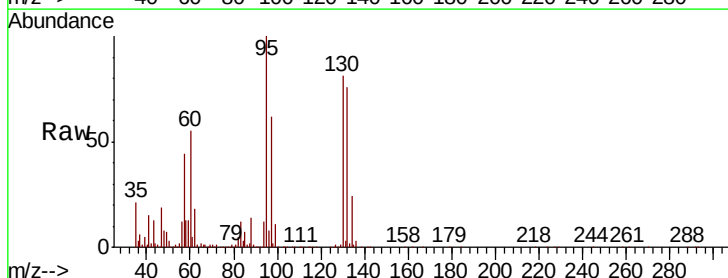
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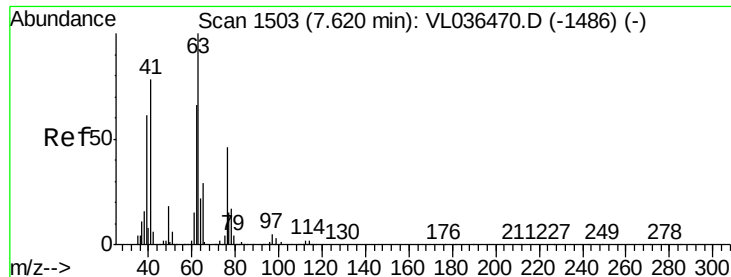
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#38
 Trichloroethene
 Concen: 7.907 ppbv
 RT: 7.86 min Scan# 1577
 Delta R.T. 0.02 min
 Lab File: VL036504.D
 Acq: 26 Mar 2021 5:51

Tgt Ion	Ratio	Lower	Upper
130	100		
95	124.3	95.7	143.5
132	95.0	76.2	114.4
97	77.6	61.8	92.6





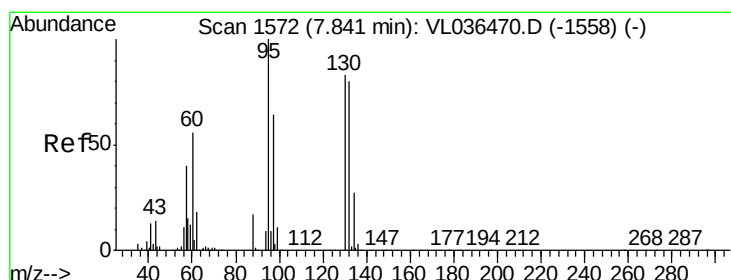
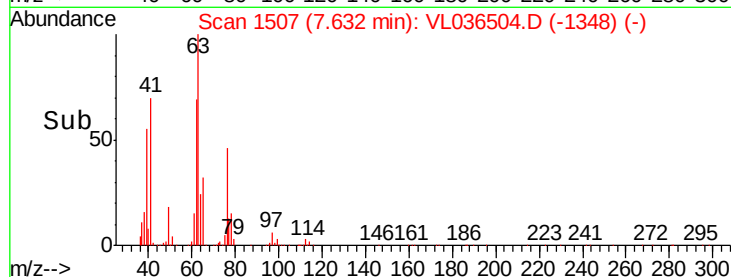
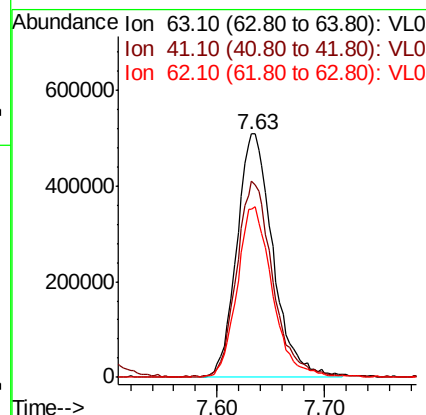
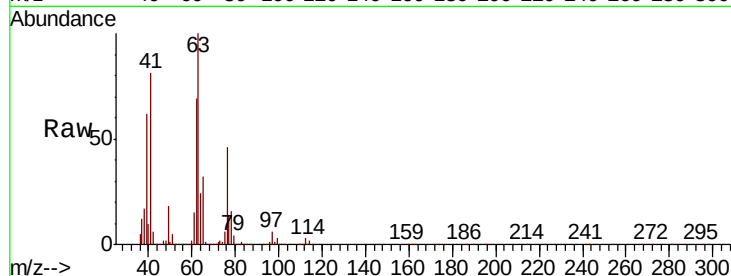
#39
 1,2-Dichloropropane
 Concen: 8.527 ppbv
 RT: 7.63 min Scan# 1507
 Delta R.T. 0.01 min
 Lab File: VL036504.D
 Acq: 26 Mar 2021 5:51

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion	Ratio	Lower	Upper
63	100		
41	80.3	62.4	93.6
62	68.9	52.8	79.2

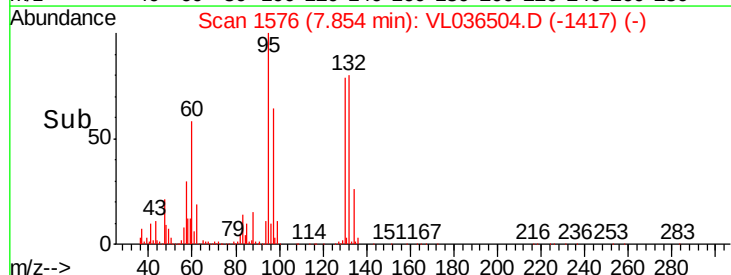
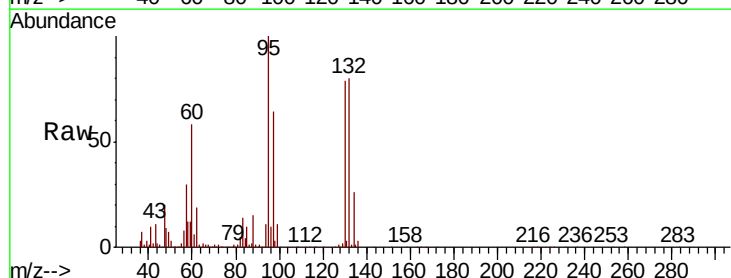
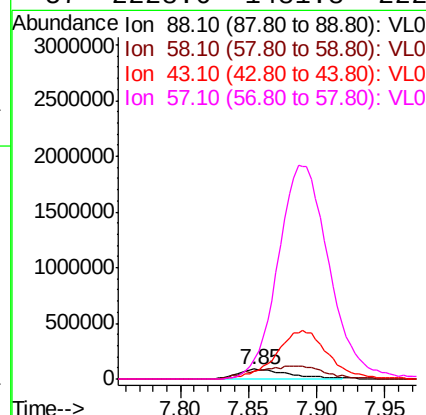
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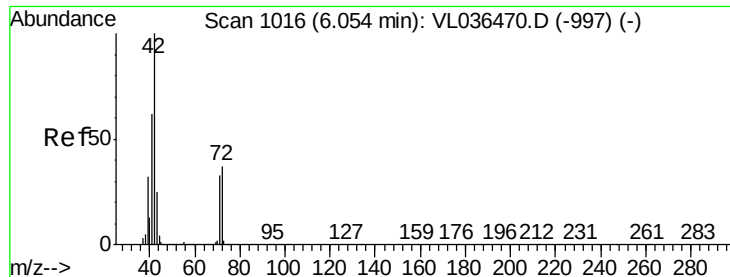
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#40
 1,4-Dioxane
 Concen: 7.019 ppbv
 RT: 7.85 min Scan# 1576
 Delta R.T. 0.01 min
 Lab File: VL036504.D
 Acq: 26 Mar 2021 5:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	185.3	134.1	201.1
43	506.7	346.6	520.0
57	2228.6	1481.8	2222.8#





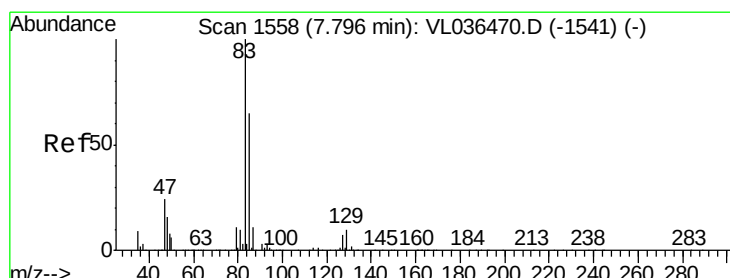
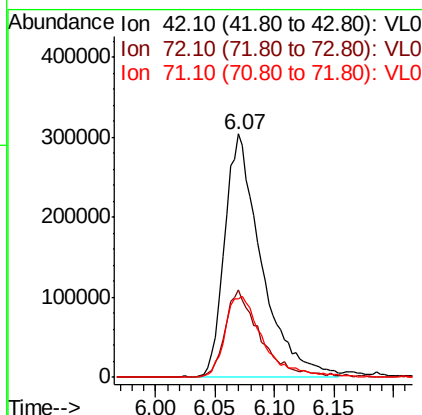
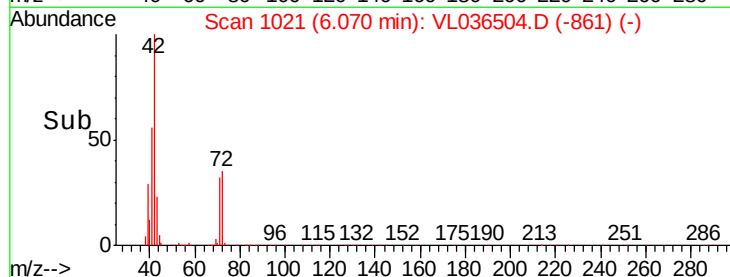
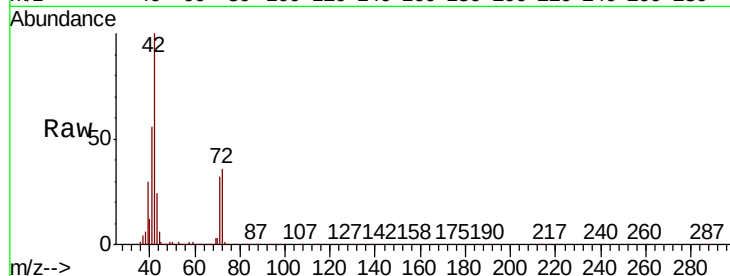
#41
Tetrahydrofuran
Concen: 7.771 ppbv
RT: 6.07 min Scan# 1021
Delta R.T. 0.02 min
Lab File: VL036504.D
Acq: 26 Mar 2021 5:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
42	100		
72	35.3	27.6	41.4
71	35.6	27.0	40.4

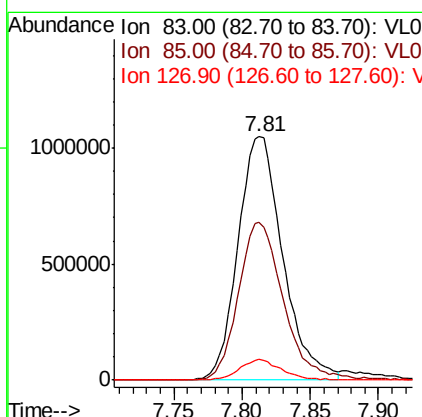
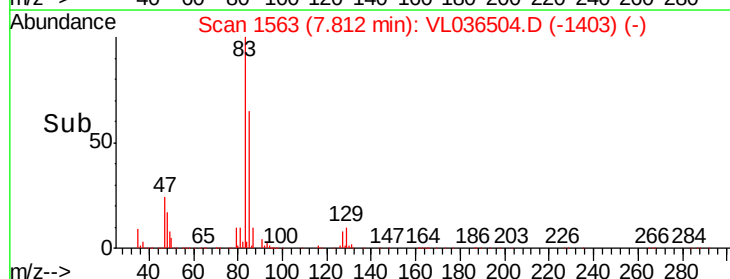
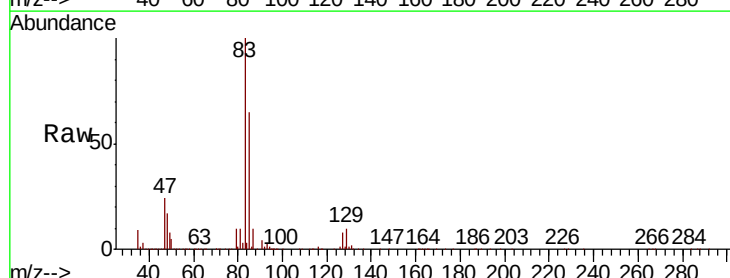
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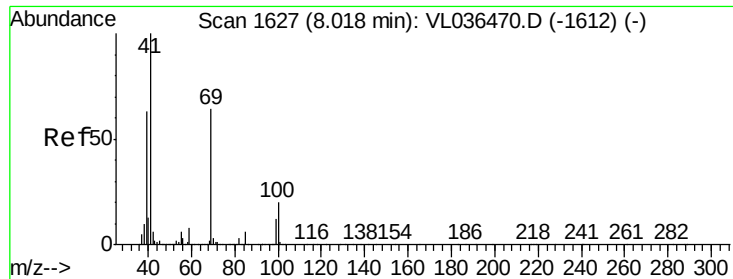
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#42
Bromodichloromethane
Concen: 8.762 ppbv
RT: 7.81 min Scan# 1563
Delta R.T. 0.02 min
Lab File: VL036504.D
Acq: 26 Mar 2021 5:51

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.8	77.6
127	8.4	5.8	8.8





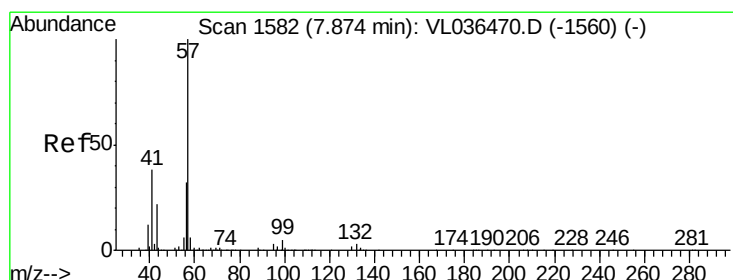
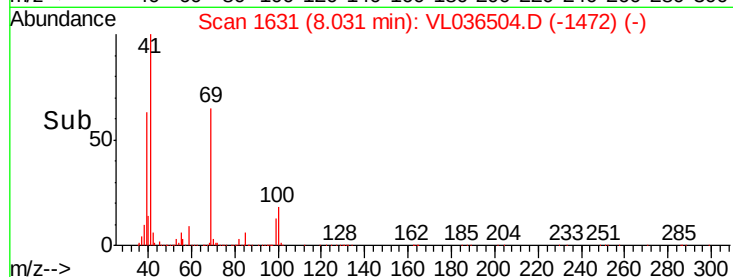
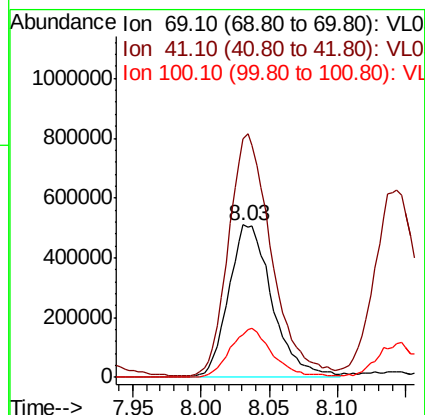
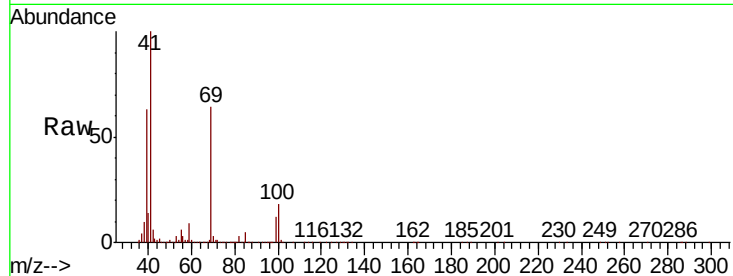
#43
Methyl Methacrylate
Concen: 9.825 ppbv
RT: 8.03 min Scan# 1631
Delta R.T. 0.01 min
Lab File: VL036504.D
Acq: 26 Mar 2021 5:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion: 69 Resp: 1125791
Ion Ratio Lower Upper
69 100
41 158.3 126.8 190.2
100 31.3 24.9 37.3

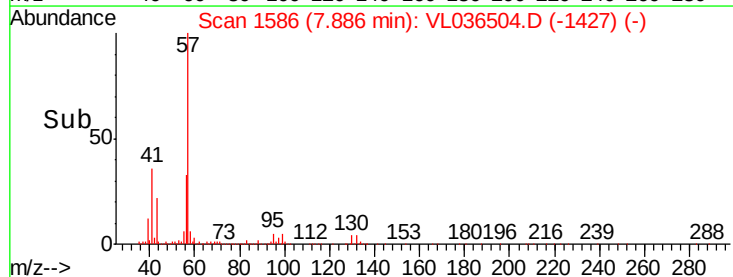
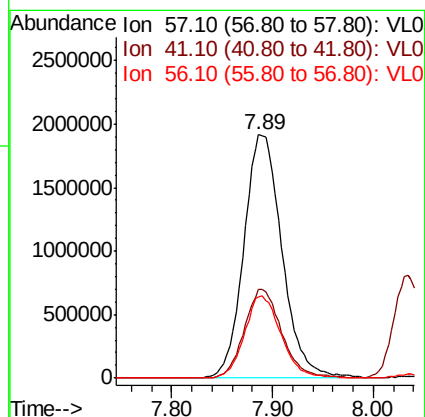
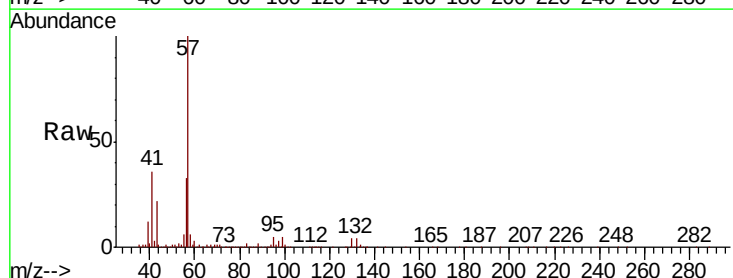
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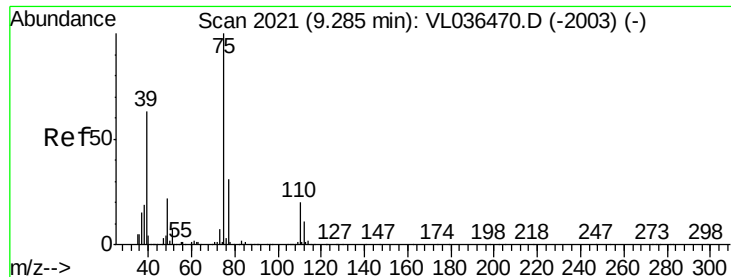
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#44
2,2,4-Trimethylpentane
Concen: 8.346 ppbv
RT: 7.89 min Scan# 1586
Delta R.T. 0.01 min
Lab File: VL036504.D
Acq: 26 Mar 2021 5:51

Tgt Ion: 57 Resp: 5012571
Ion Ratio Lower Upper
57 100
41 35.7 28.8 43.2
56 32.6 26.1 39.1





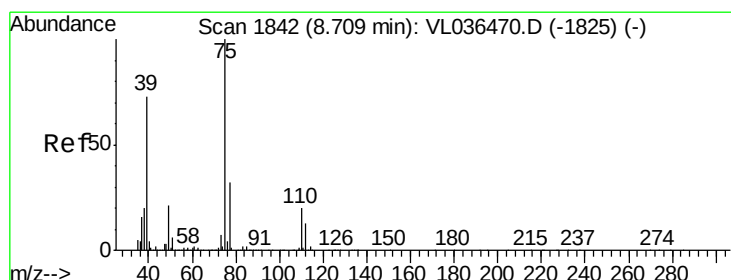
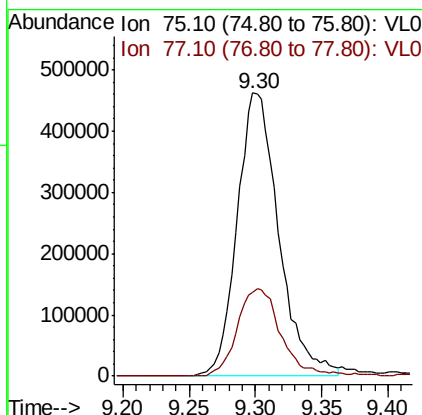
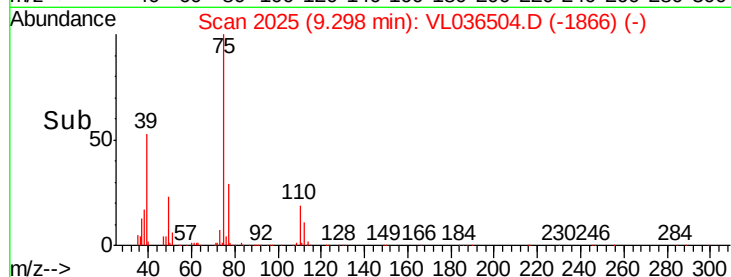
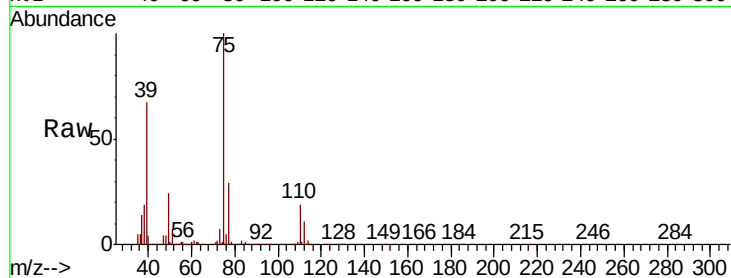
#45
t-1,3-Dichloropropene
Concen: 7.708 ppbv
RT: 9.30 min Scan# 2025
Delta R.T. 0.01 min
Lab File: VL036504.D
Acq: 26 Mar 2021 5:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion: 75 Resp: 1008475
Ion Ratio Lower Upper
75 100
77 29.4 25.1 37.7

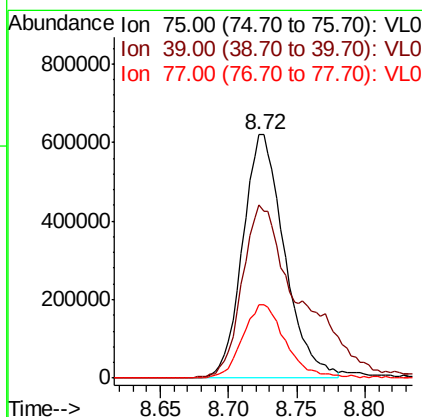
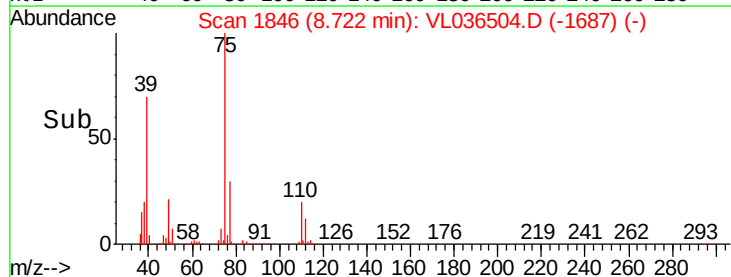
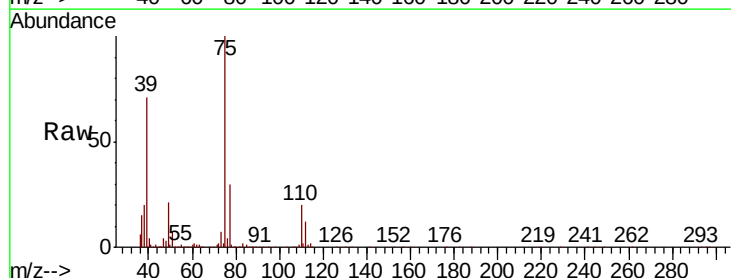
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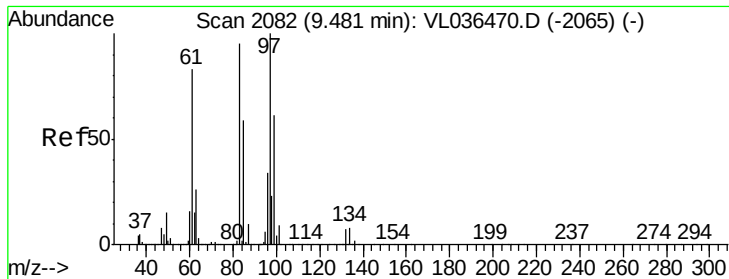
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#46
cis-1,3-Dichloropropene
Concen: 7.865 ppbv
RT: 8.72 min Scan# 1846
Delta R.T. 0.01 min
Lab File: VL036504.D
Acq: 26 Mar 2021 5:51

Tgt Ion: 75 Resp: 1315439
Ion Ratio Lower Upper
75 100
39 70.8 58.2 87.2
77 30.4 25.2 37.8





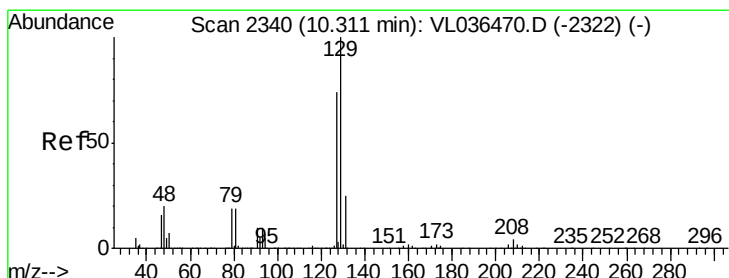
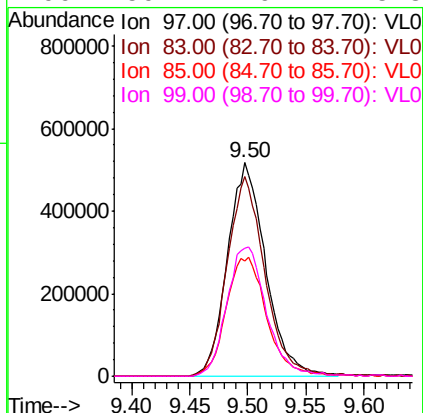
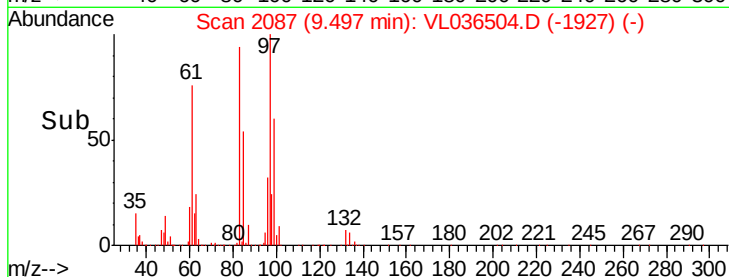
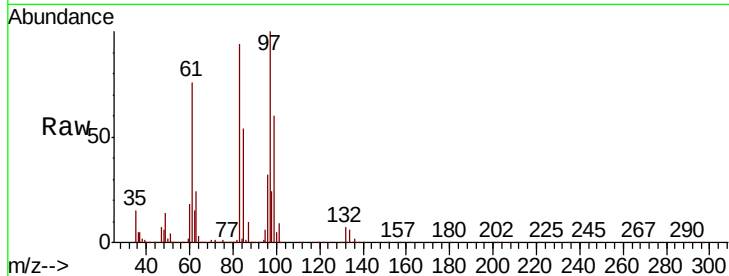
#47
 1,1,2-Trichloroethane
 Concen: 8.343 ppbv
 RT: 9.50 min Scan# 2087
 Delta R.T. 0.02 min
 Lab File: VL036504.D
 Acq: 26 Mar 2021 5:51

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion	Ratio	Lower	Upper
97	100		
83	93.5	75.8	113.8
85	54.1	47.1	70.7
99	59.7	49.2	73.8

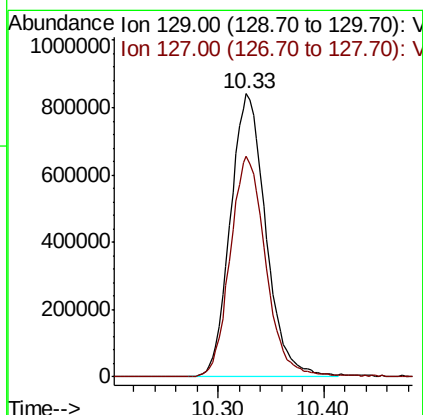
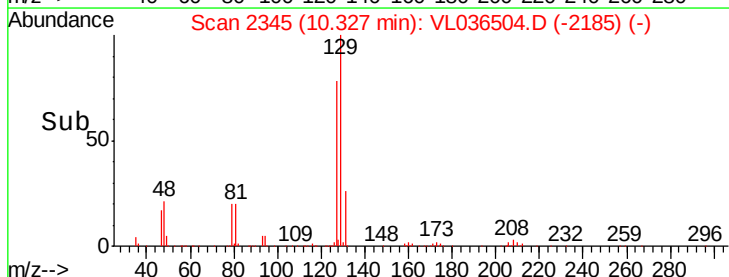
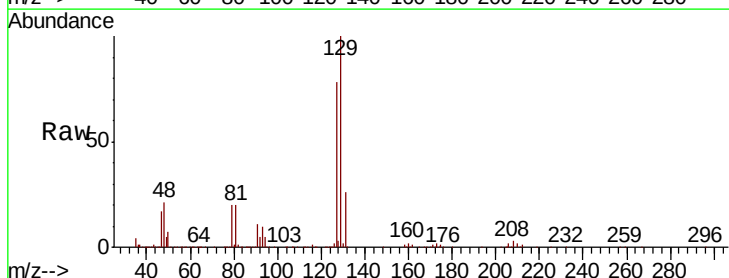
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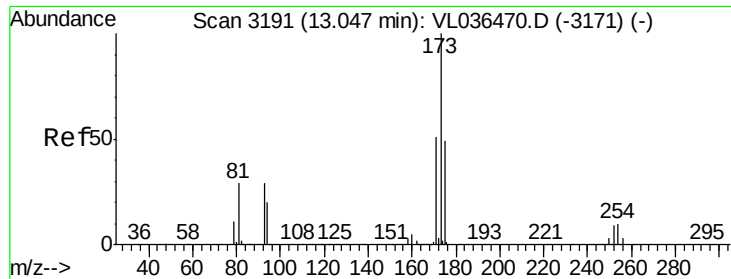
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#48
 Dibromochloromethane
 Concen: 9.179 ppbv
 RT: 10.33 min Scan# 2345
 Delta R.T. 0.02 min
 Lab File: VL036504.D
 Acq: 26 Mar 2021 5:51

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.7	39.6	118.8





#49

Bromoform

Concen: 9.292 ppbv

RT: 13.07 min Scan# 3197

Delta R.T. 0.02 min

Lab File: VL036504.D

Acq: 26 Mar 2021 5:51

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion:173 Resp: 1600112

Ion Ratio Lower Upper

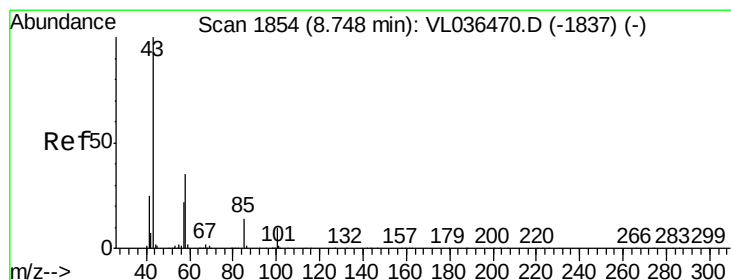
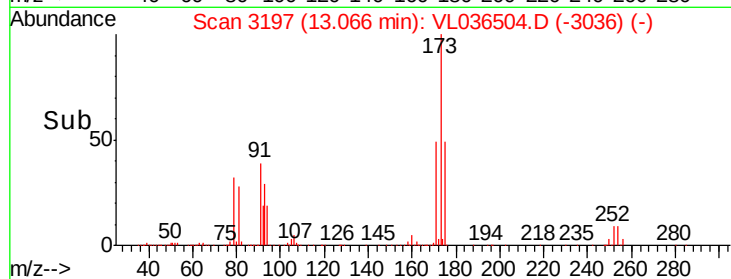
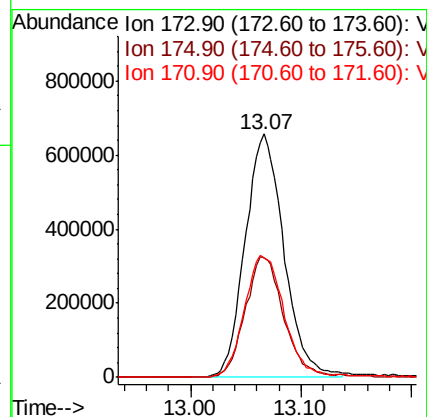
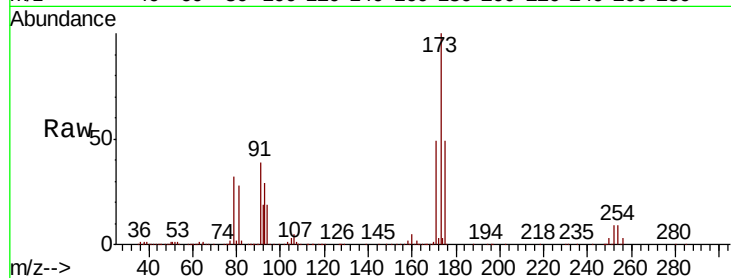
173 100

175 50.2 39.6 59.4

171 52.4 41.4 62.0

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#50

4-Methyl-2-Pentanone

Concen: 8.461 ppbv

RT: 8.76 min Scan# 1859

Delta R.T. 0.02 min

Lab File: VL036504.D

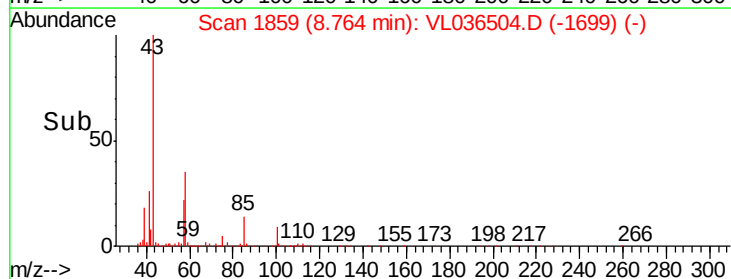
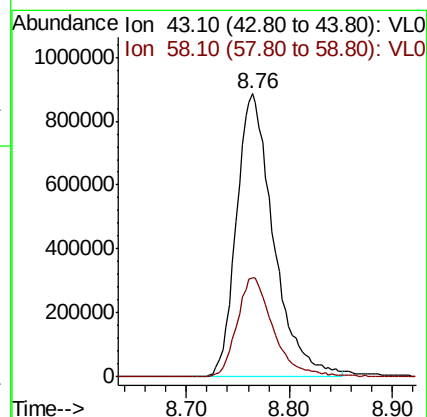
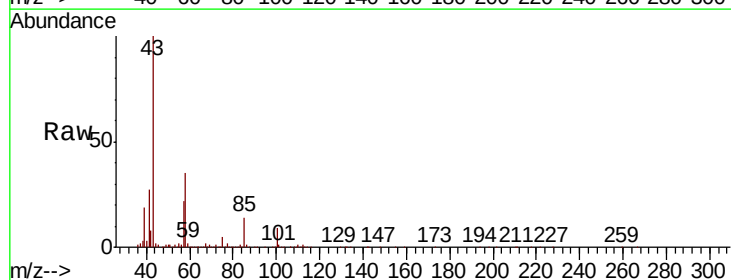
Acq: 26 Mar 2021 5:51

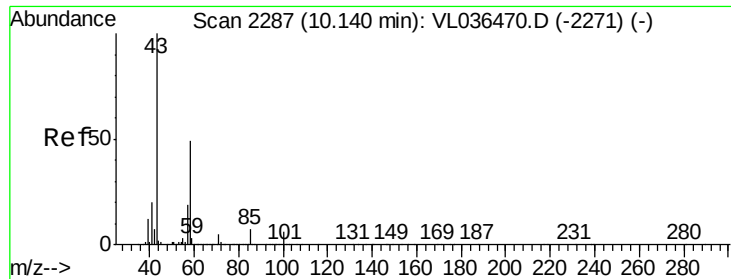
Tgt Ion: 43 Resp: 2211190

Ion Ratio Lower Upper

43 100

58 35.0 28.2 42.2





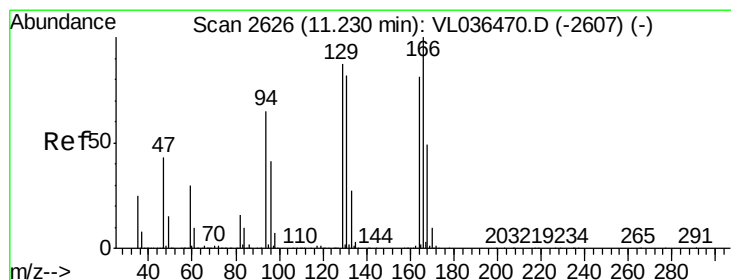
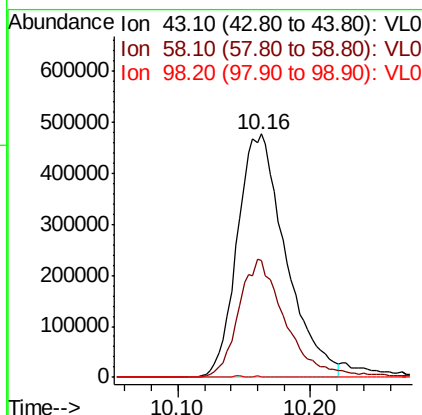
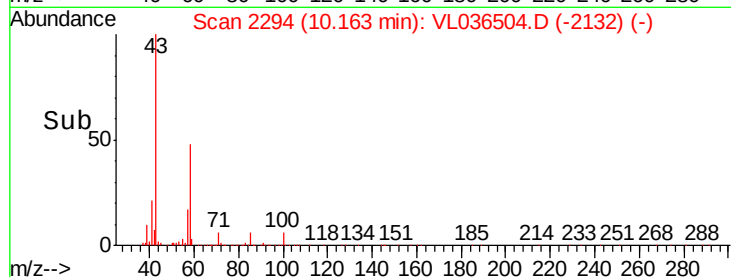
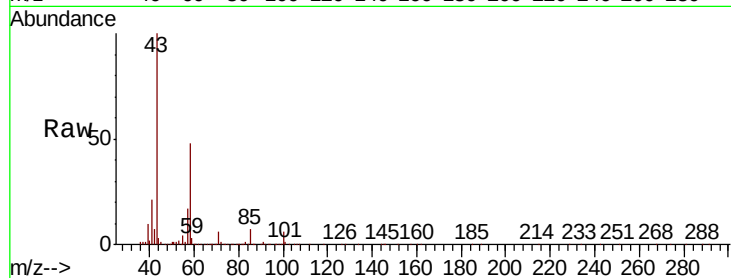
#51
2-Hexanone
Concen: 9.181 ppbv
RT: 10.16 min Scan# 2294
Delta R.T. 0.02 min
Lab File: VL036504.D
Acq: 26 Mar 2021 5:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion: 43 Resp: 1210839
Ion Ratio Lower Upper
43 100
58 47.9 37.7 56.5
98 0.6 0.2 0.2#

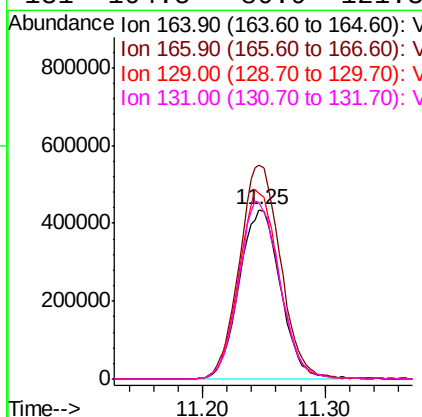
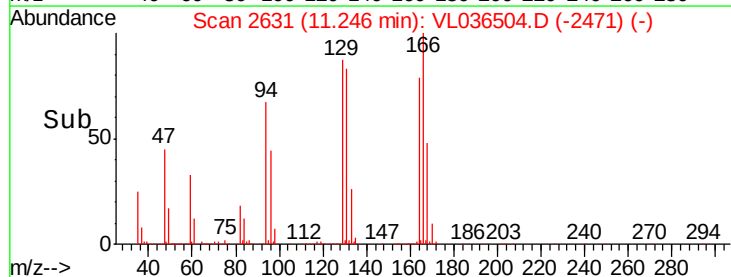
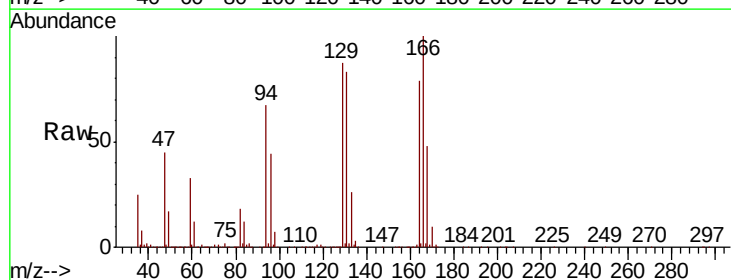
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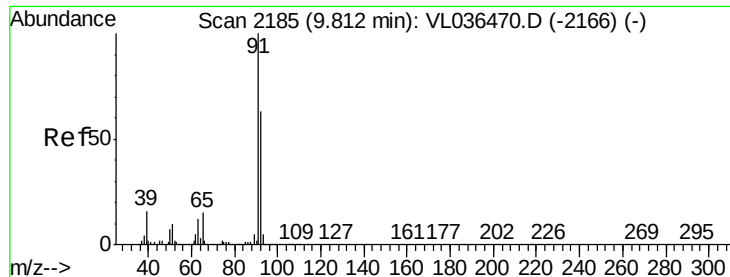
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#52
Tetrachloroethene
Concen: 8.067 ppbv
RT: 11.25 min Scan# 2631
Delta R.T. 0.02 min
Lab File: VL036504.D
Acq: 26 Mar 2021 5:51

Tgt Ion: 164 Resp: 1013635
Ion Ratio Lower Upper
164 100
166 126.3 98.3 147.5
129 109.8 85.8 128.8
131 104.5 80.9 121.3





#53

Toluene

Concen: 9.099 ppbv

RT: 9.83 min Scan# 2189

Delta R.T. 0.01 min

Lab File: VL036504.D

Acq: 26 Mar 2021 5:51

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion: 91 Resp: 3306404

Ion Ratio Lower Upper

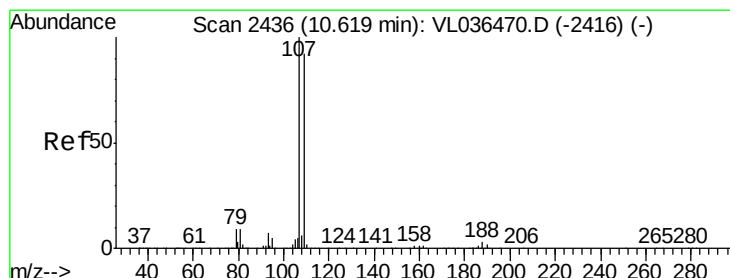
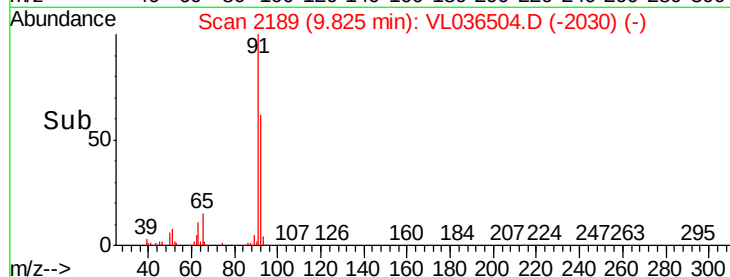
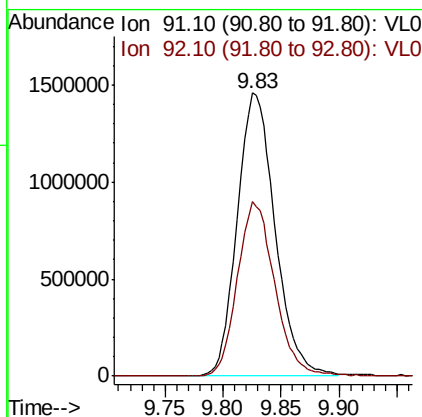
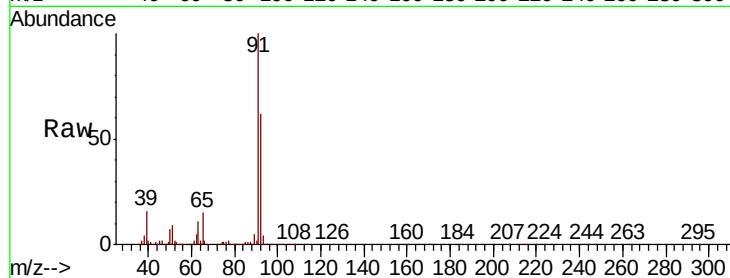
91 100

92 60.9 48.8 73.2

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#54

1,2-Dibromoethane

Concen: 8.547 ppbv

RT: 10.64 min Scan# 2441

Delta R.T. 0.02 min

Lab File: VL036504.D

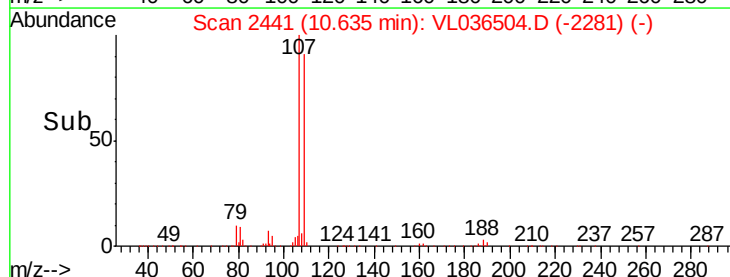
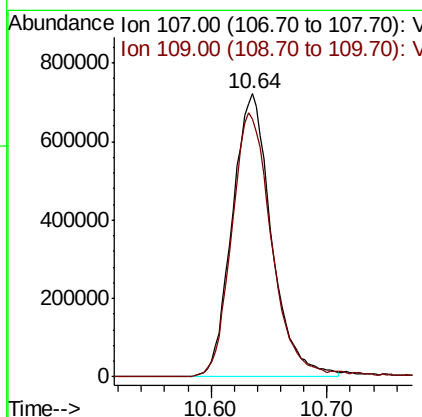
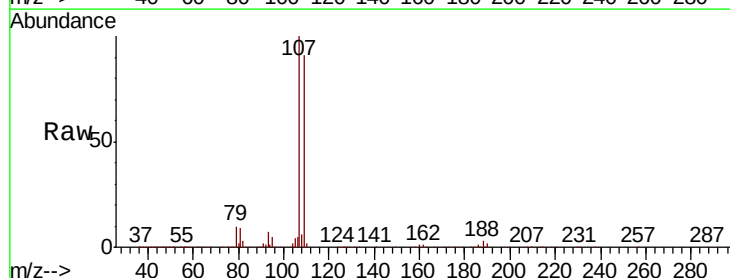
Acq: 26 Mar 2021 5:51

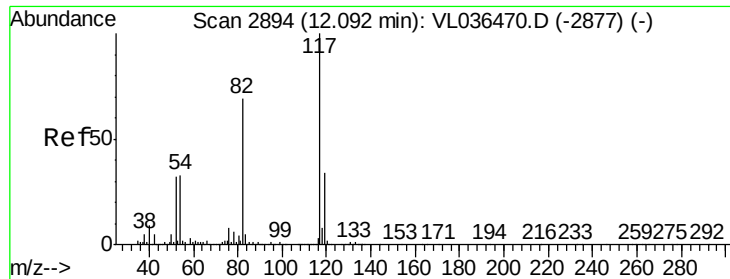
Tgt Ion: 107 Resp: 1692220

Ion Ratio Lower Upper

107 100

109 90.9 73.9 110.9





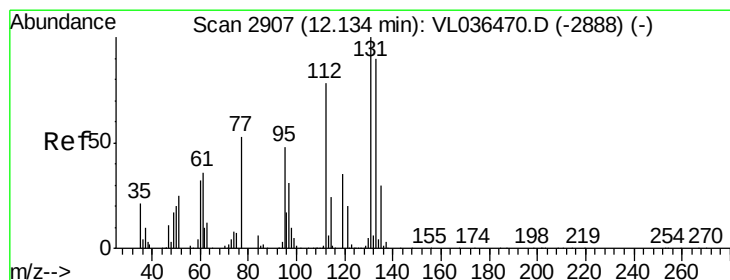
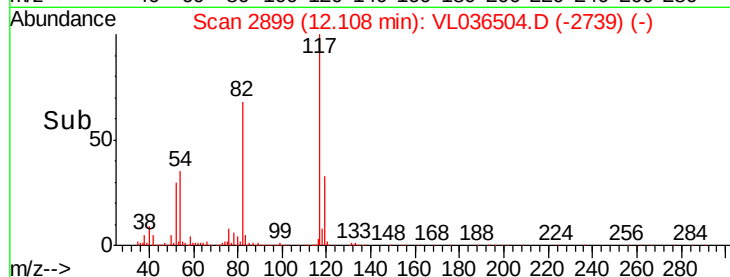
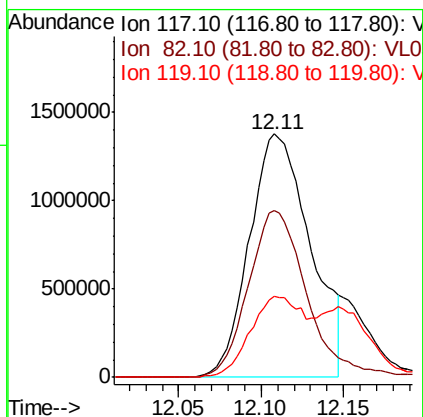
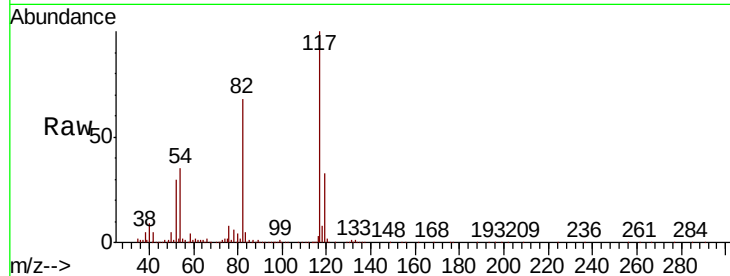
#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.11 min Scan# 2899
Delta R.T. 0.02 min
Lab File: VL036504.D
Acq: 26 Mar 2021 5:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion:117 Resp: 3549916
Ion Ratio Lower Upper
117 100
82 66.7 57.4 86.0
119 29.4 47.4 71.0#

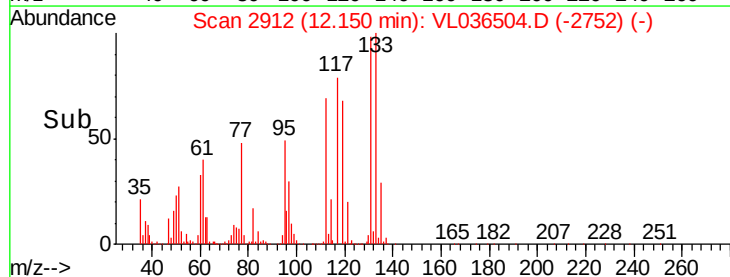
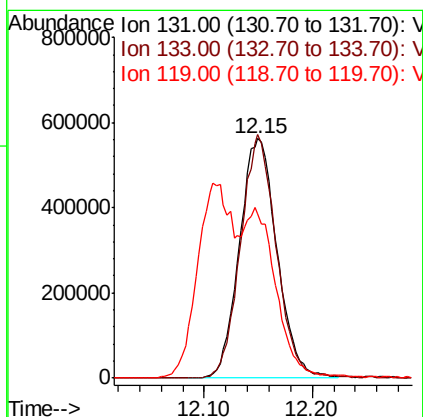
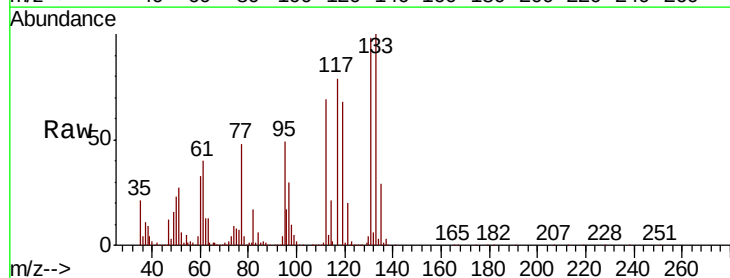
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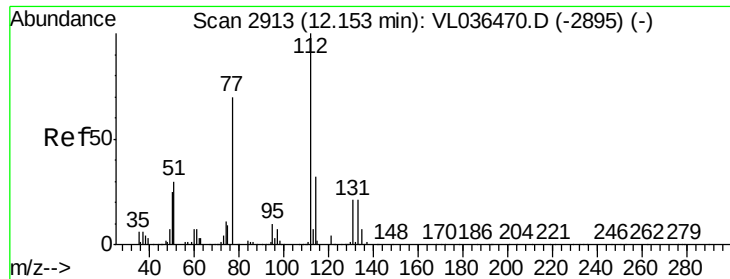
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#56
1,1,1,2-Tetrachloroethane
Concen: 8.491 ppbv
RT: 12.15 min Scan# 2912
Delta R.T. 0.02 min
Lab File: VL036504.D
Acq: 26 Mar 2021 5:51

Tgt Ion:131 Resp: 1363353
Ion Ratio Lower Upper
131 100
133 96.8 75.8 113.6
119 63.8 48.7 73.1





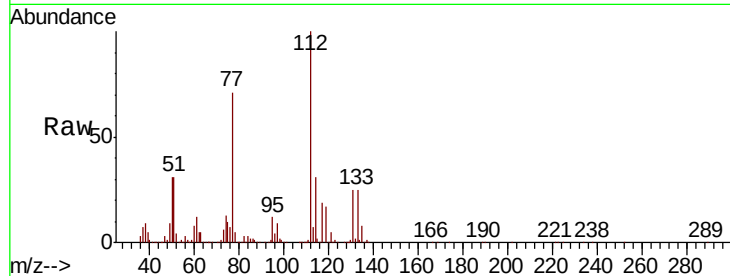
#57
Chlorobenzene
Concen: 8.048 ppbv
RT: 12.17 min Scan# 2918
Delta R.T. 0.02 min
Lab File: VL036504.D
Acq: 26 Mar 2021 5:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

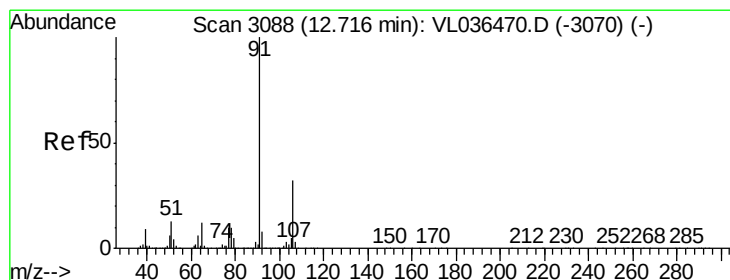
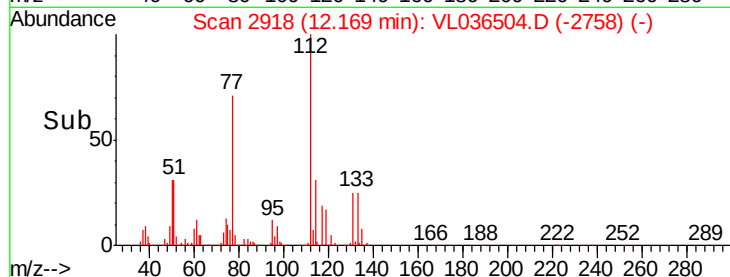
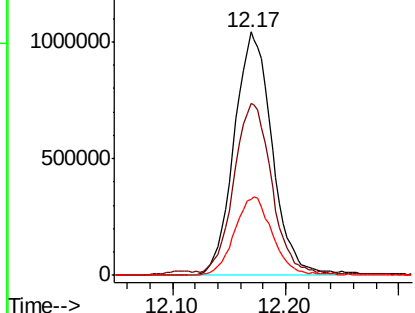
Tot Ion	Ratio	Lower	Upper
112	100		
77	69.7	56.0	84.0
114	31.3	29.0	35.4

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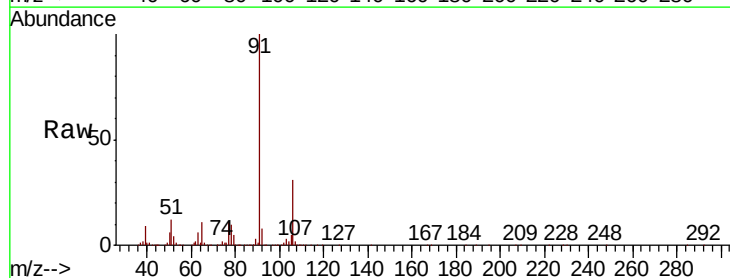


Abundance Ion 112.10 (111.80 to 112.80): V
Ion 77.10 (76.80 to 77.80): VL0
Ion 114.10 (113.80 to 114.80): V

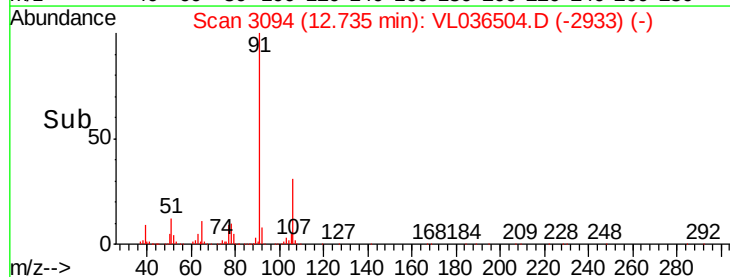
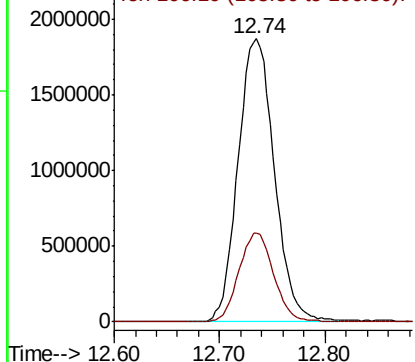


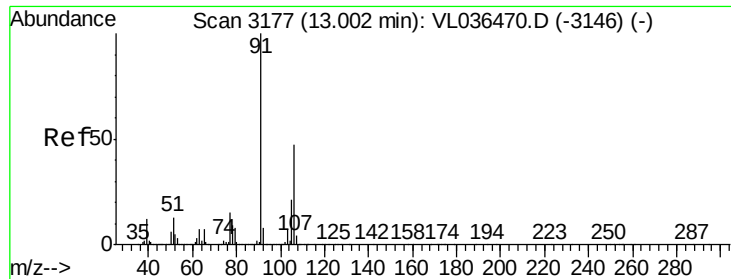
#58
Ethyl Benzene
Concen: 8.682 ppbv
RT: 12.74 min Scan# 3094
Delta R.T. 0.02 min
Lab File: VL036504.D
Acq: 26 Mar 2021 5:51

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.5	25.3	37.9



Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 106.10 (105.80 to 106.80): V





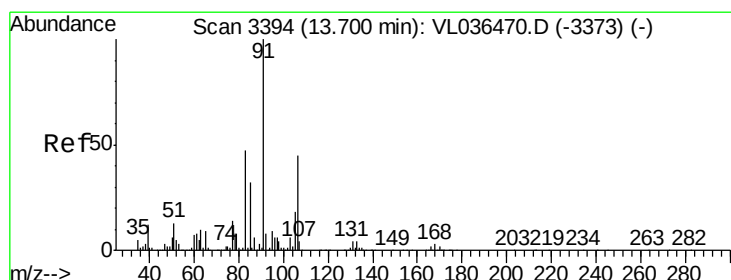
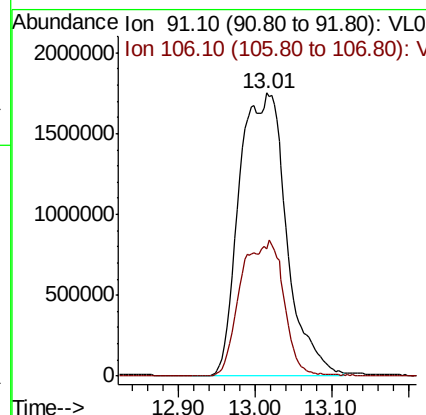
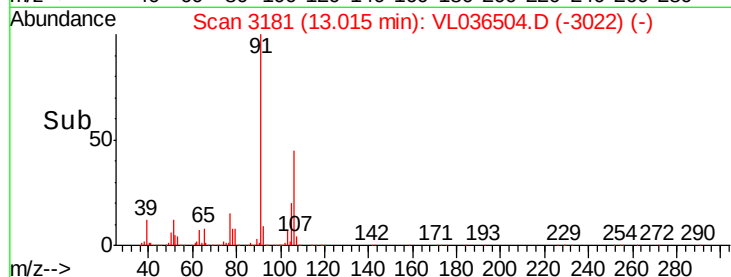
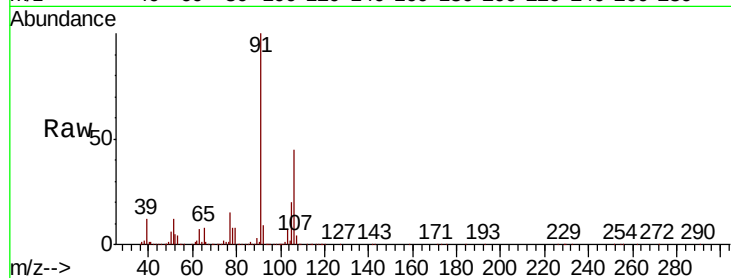
#59
m/p-Xylene
Concen: 16.728 ppbv m
RT: 13.01 min Scan# 3181
Delta R.T. 0.01 min
Lab File: VL036504.D
Acq: 26 Mar 2021 5:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion: 91 Resp: 7535613
Ion Ratio Lower Upper
91 100
106 43.9 35.3 52.9

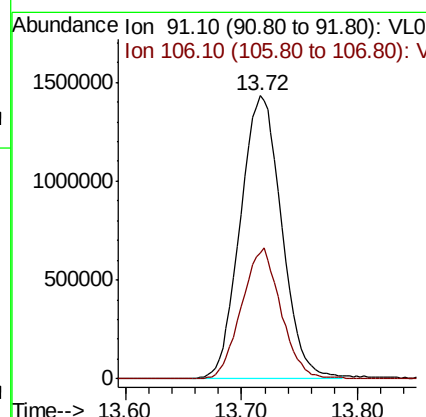
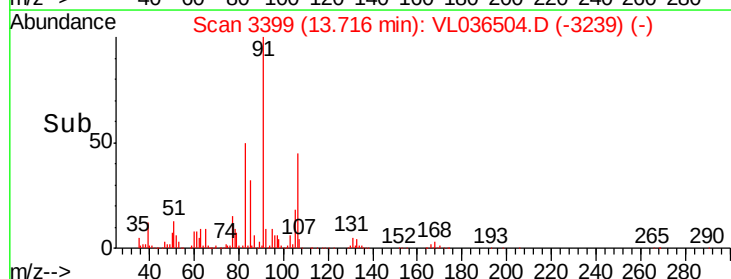
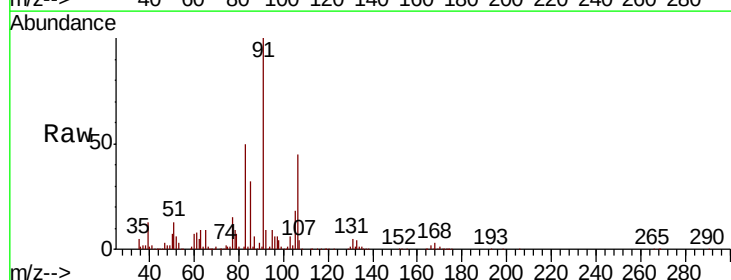
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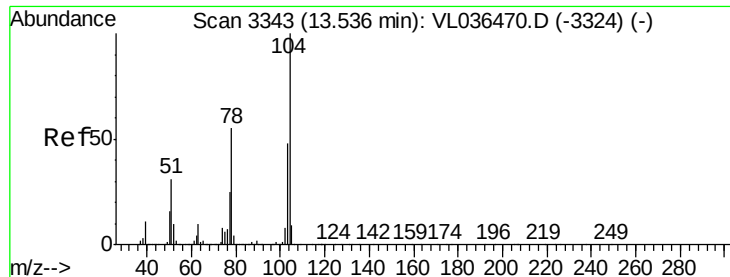
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#60
o-Xylene
Concen: 8.138 ppbv
RT: 13.72 min Scan# 3399
Delta R.T. 0.02 min
Lab File: VL036504.D
Acq: 26 Mar 2021 5:51

Tgt Ion: 91 Resp: 3544756
Ion Ratio Lower Upper
91 100
106 44.3 22.3 66.9





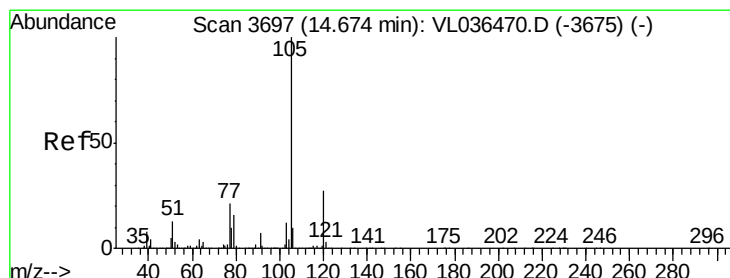
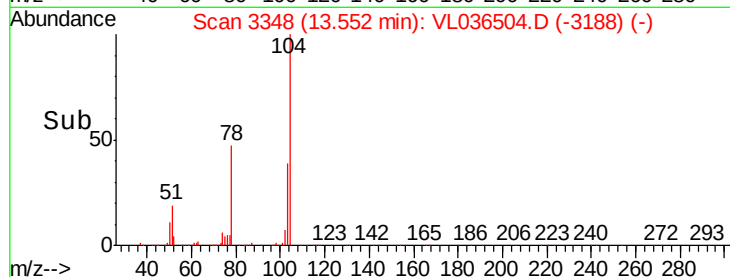
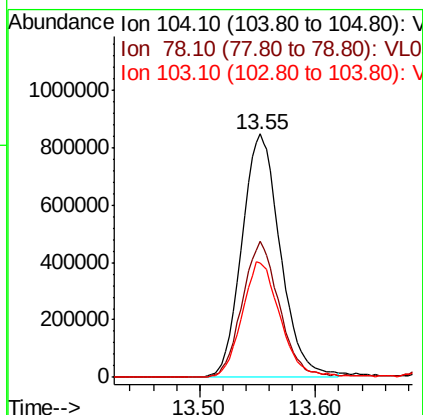
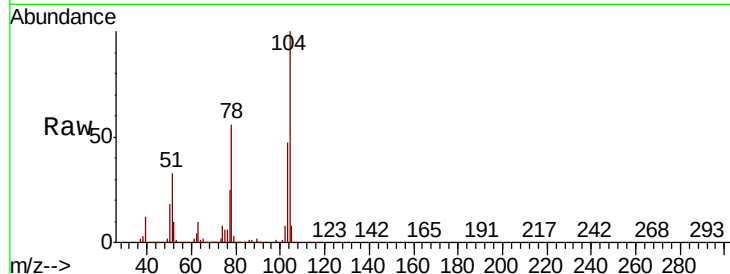
#61
Stvrene
Concen: 8.917 ppbv
RT: 13.55 min Scan# 3348
Delta R.T. 0.02 min
Lab File: VL036504.D
Acq: 26 Mar 2021 5:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
104	100		
78	54.8	43.8	65.8
103	47.2	38.3	57.5

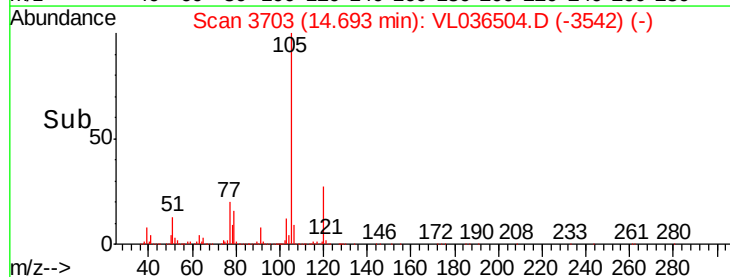
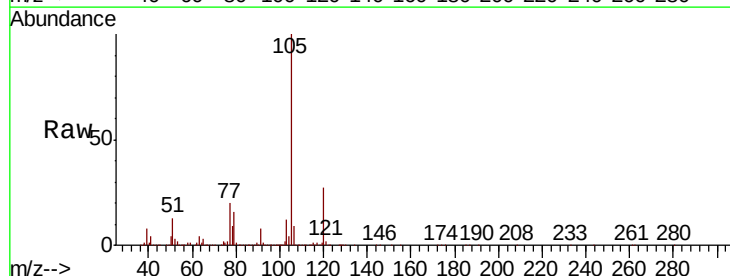
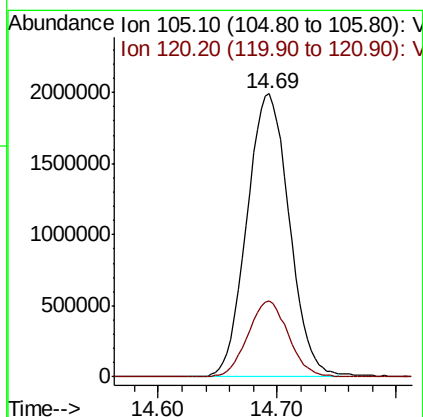
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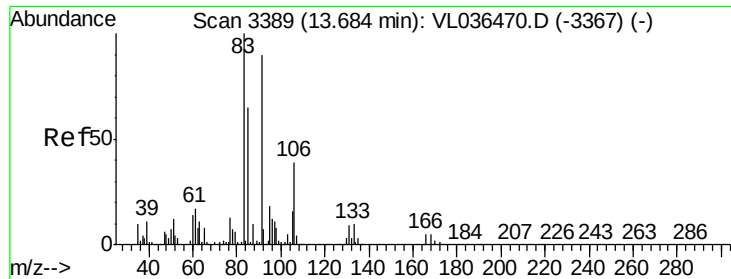
apatel
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#62
Isopropylbenzene
Concen: 8.361 ppbv
RT: 14.69 min Scan# 3703
Delta R.T. 0.02 min
Lab File: VL036504.D
Acq: 26 Mar 2021 5:51

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.8	20.6	31.0





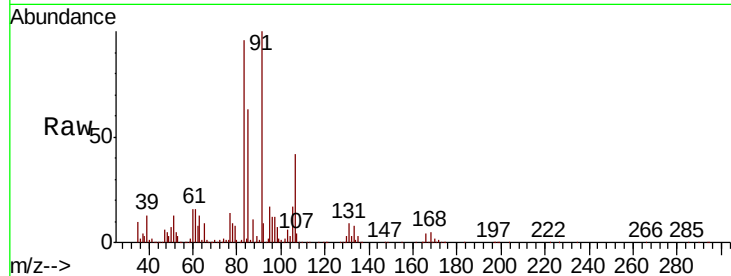
#63
 1,1,2,2-Tetrachloroethane
 Concen: 7.549 ppbv
 RT: 13.70 min Scan# 3395
 Delta R.T. 0.02 min
 Lab File: VL036504.D
 Acq: 26 Mar 2021 5:51

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

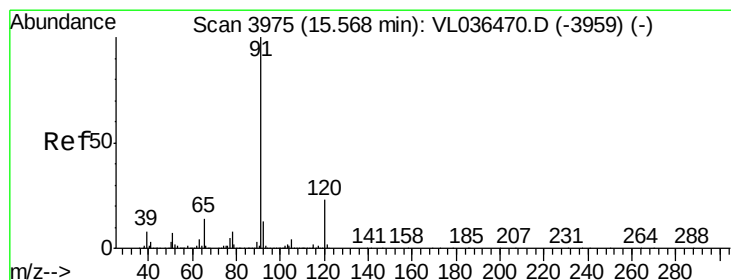
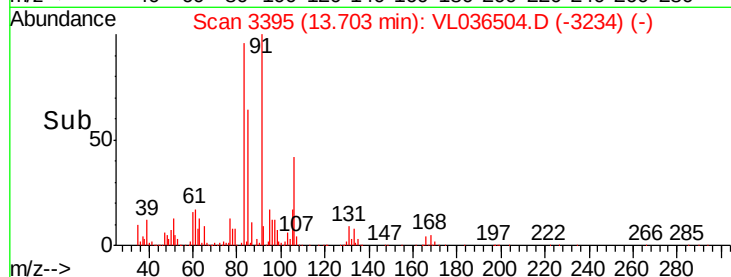
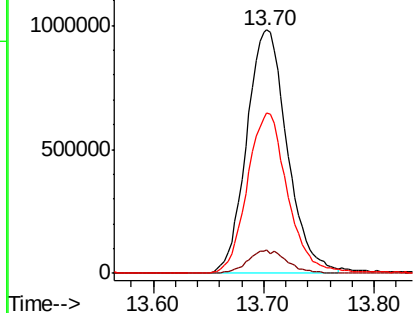
Tot Ion	Ratio	Lower	Upper
83	100		
131	9.5	4.7	14.0
85	66.4	33.1	99.3

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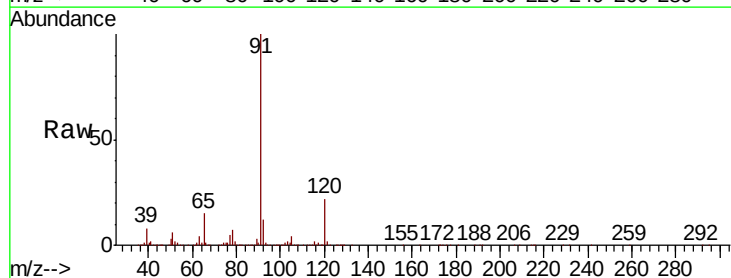


Abundance Ion 83.00 (82.70 to 83.70): VL0
 Ion 131.00 (130.70 to 131.70): V
 Ion 85.00 (84.70 to 85.70): VL0

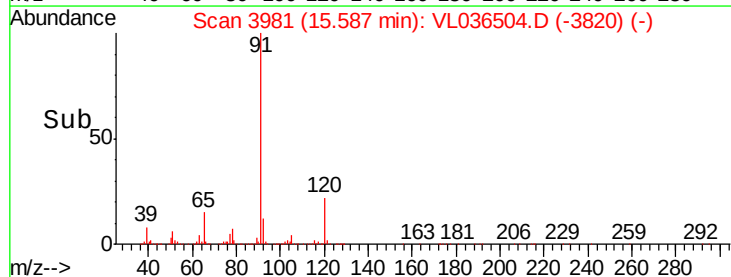
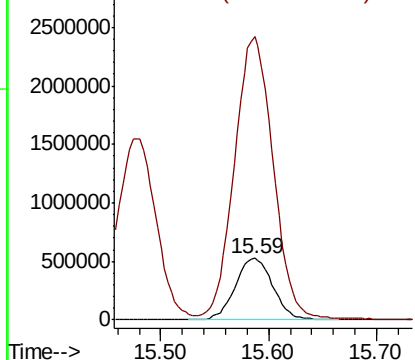


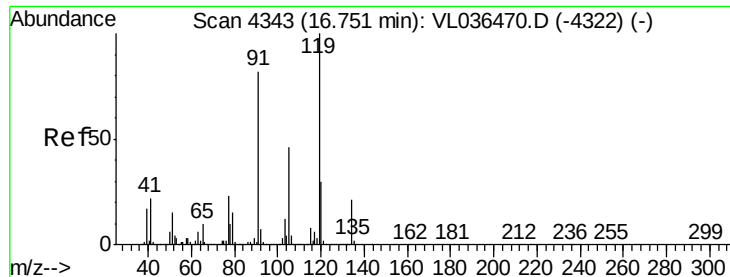
#64
 n-propylbenzene
 Concen: 8.943 ppbv
 RT: 15.59 min Scan# 3981
 Delta R.T. 0.02 min
 Lab File: VL036504.D
 Acq: 26 Mar 2021 5:51

Tgt Ion	Ratio	Lower	Upper
120	100		
91	473.8	377.4	566.2



Abundance Ion 120.20 (119.90 to 120.90): V
 Ion 91.10 (90.80 to 91.80): VL0





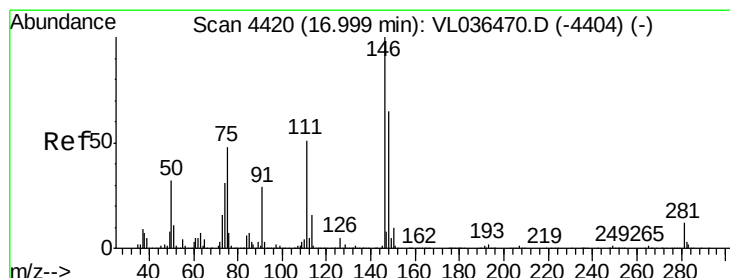
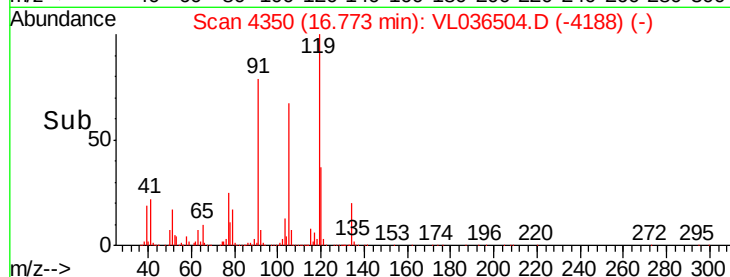
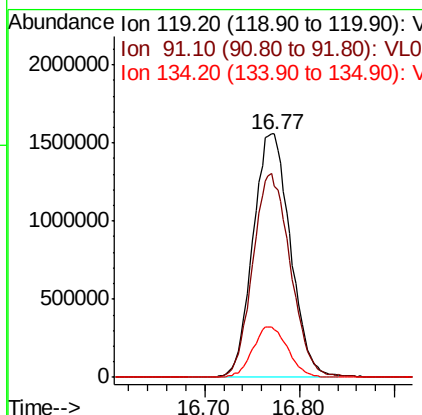
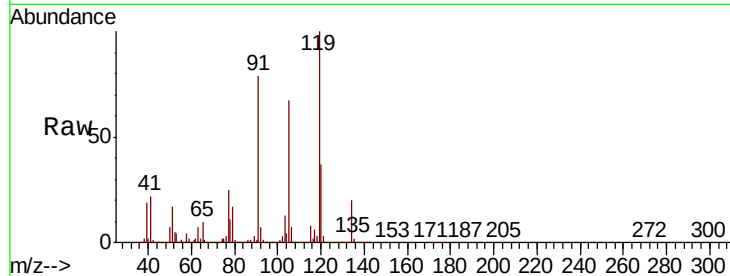
#65
tert-Butylbenzene
Concen: 8.352 ppbv m
RT: 16.77 min Scan# 4350
Delta R.T. 0.02 min
Lab File: VL036504.D
Acq: 26 Mar 2021 5:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
119	100		
91	84.5	67.5	101.3
134	19.6	15.8	23.8

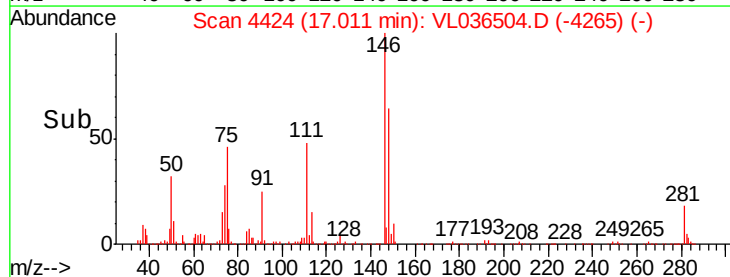
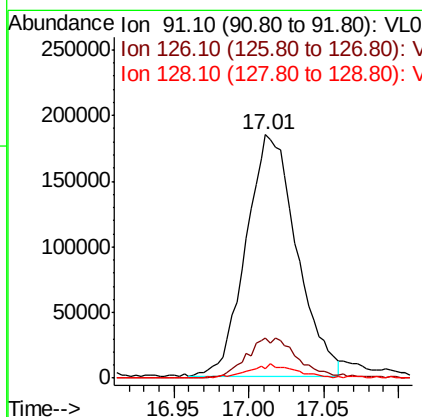
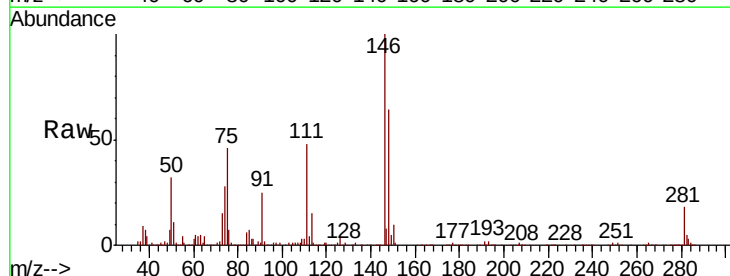
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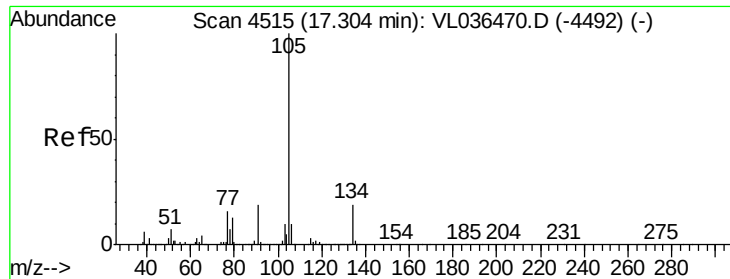
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#66
Benzyl Chloride
Concen: 7.693 ppbv
RT: 17.01 min Scan# 4424
Delta R.T. 0.01 min
Lab File: VL036504.D
Acq: 26 Mar 2021 5:51

Tgt Ion	Ratio	Lower	Upper
91	100		
126	17.5	13.5	20.3
128	6.0	4.2	6.4





#67

sec-Butylbenzene

Concen: 8.272 ppbv

RT: 17.32 min Scan# 4519

Delta R.T. 0.01 min

Lab File: VL036504.D

Acq: 26 Mar 2021 5:51

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion: 105 Resp: 5939202

Ion Ratio Lower Upper

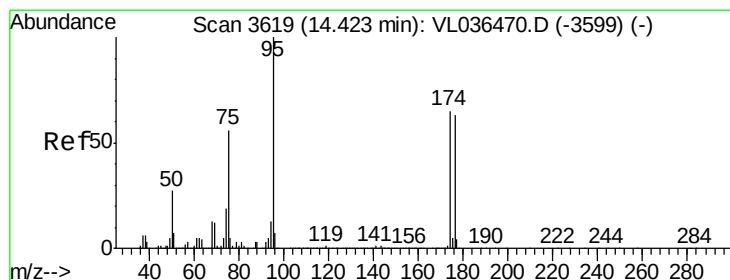
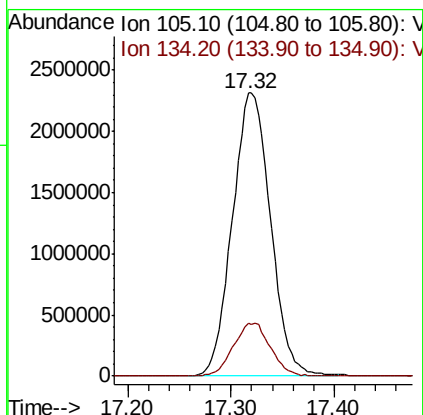
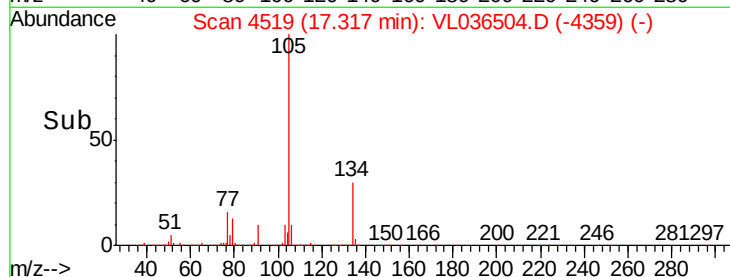
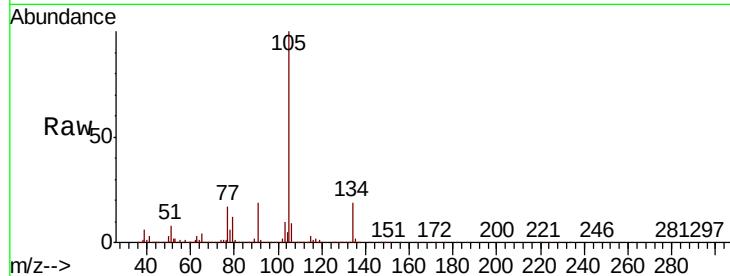
105 100

134 18.3 14.7 22.1

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#68

1-Bromo-4-Fluorobenzene

Concen: 9.720 ppbv

RT: 14.44 min Scan# 3624

Delta R.T. 0.02 min

Lab File: VL036504.D

Acq: 26 Mar 2021 5:51

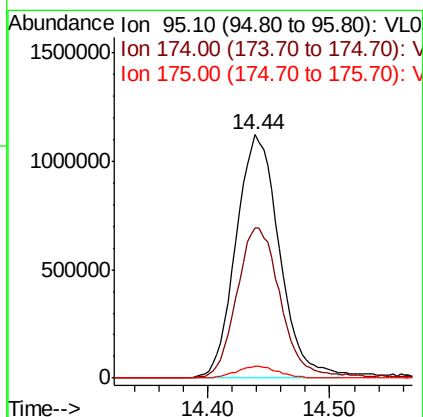
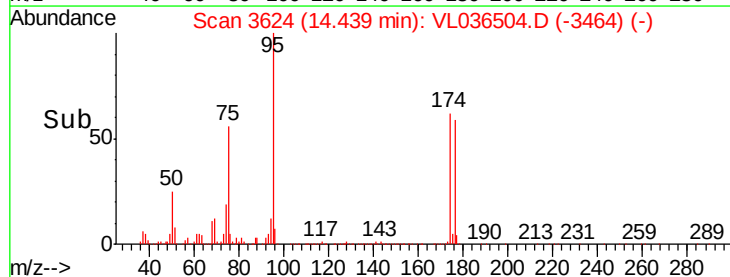
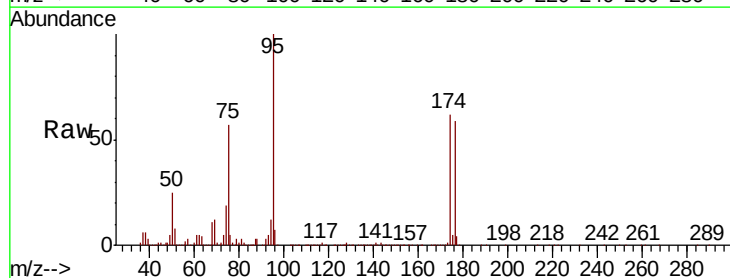
Tgt Ion: 95 Resp: 2750219

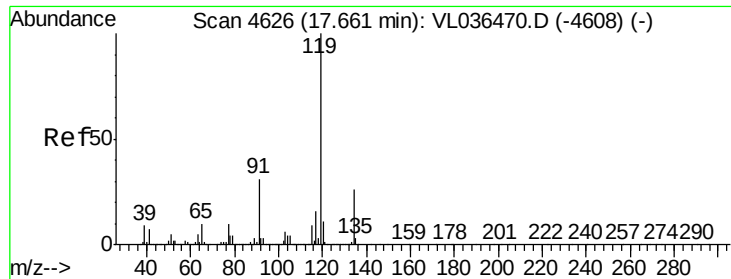
Ion Ratio Lower Upper

95 100

174 64.4 51.0 76.6

175 5.0 3.9 5.9





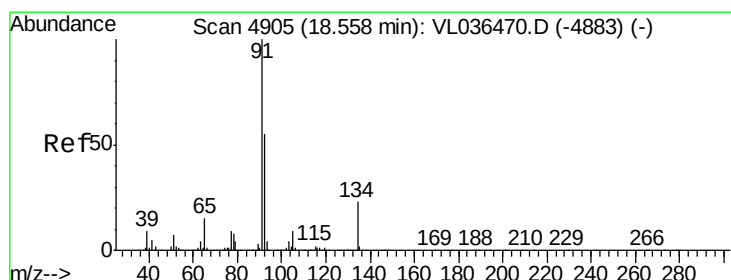
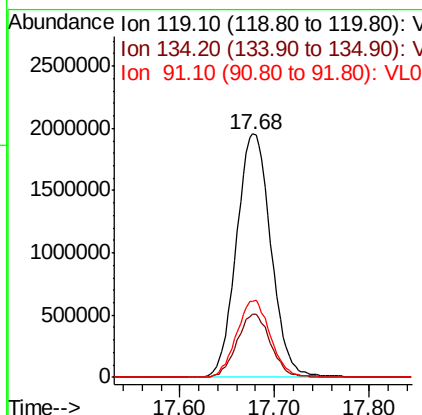
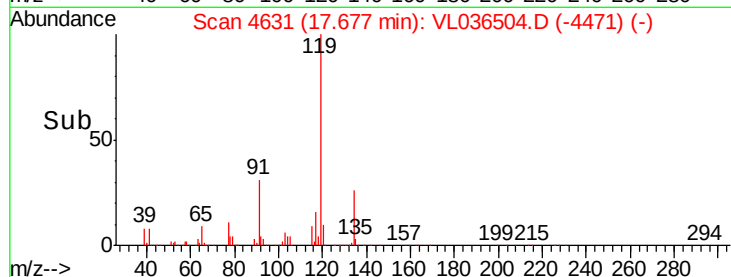
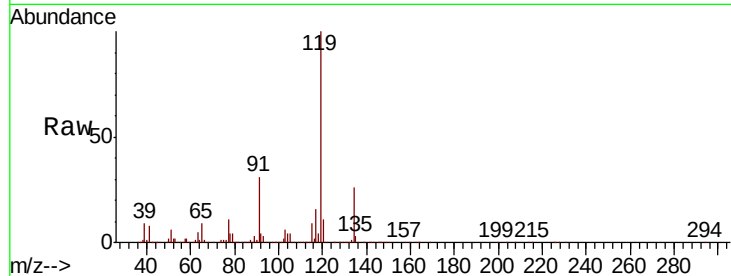
#69
 p-Isopropyltoluene
 Concen: 8.834 ppbv
 RT: 17.68 min Scan# 4631
 Delta R.T. 0.02 min
 Lab File: VL036504.D
 Acq: 26 Mar 2021 5:51

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.4	20.6	30.8
91	31.0	25.0	37.6

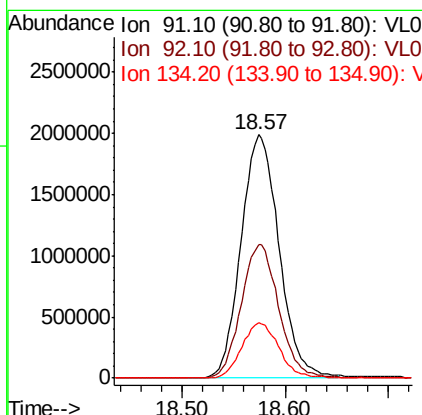
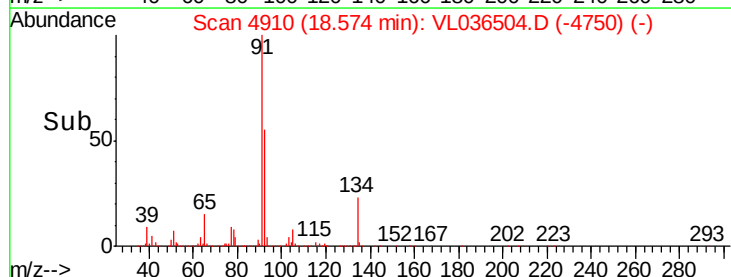
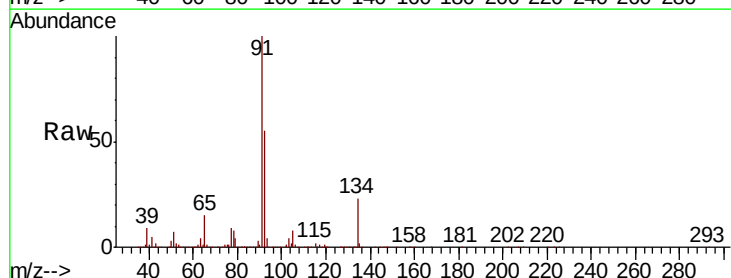
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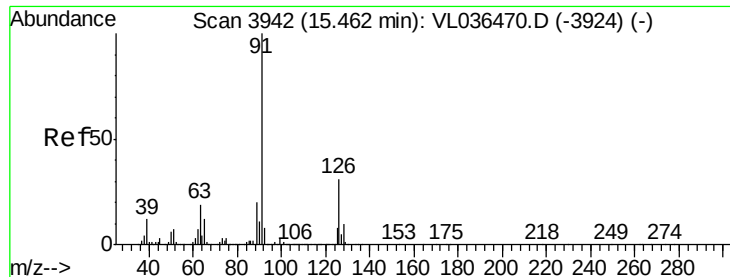
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#70
 n-Butylbenzene
 Concen: 8.769 ppbv
 RT: 18.57 min Scan# 4910
 Delta R.T. 0.02 min
 Lab File: VL036504.D
 Acq: 26 Mar 2021 5:51

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.5	43.8	65.8
134	22.4	18.0	27.0





#71

2-Chlorotoluene

Concen: 8.710 ppbv

RT: 15.48 min Scan# 3947

Delta R.T. 0.02 min

Lab File: VL036504.D

Acq: 26 Mar 2021 5:51

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion: 91 Resp: 3828078

Ion Ratio Lower Upper

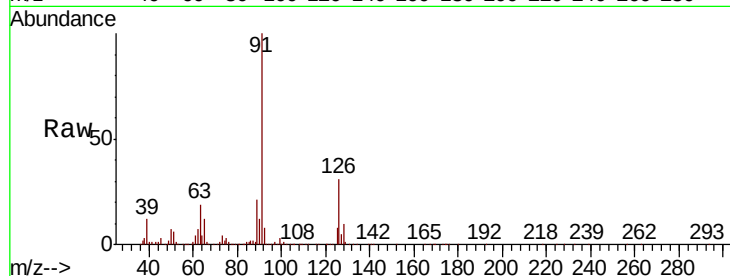
91 100

126 30.1 12.1 48.5

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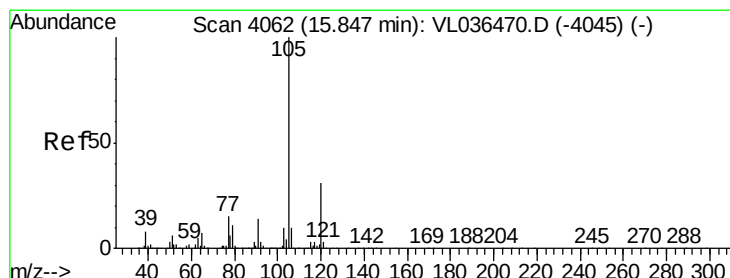
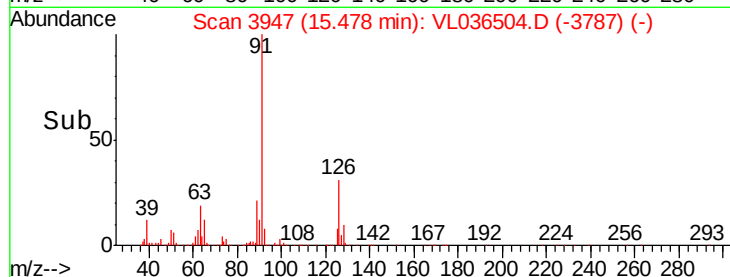
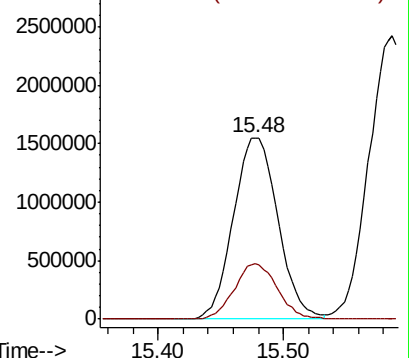
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Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V



#72

4-Ethyltoluene

Concen: 8.752 ppbv

RT: 15.87 min Scan# 4068

Delta R.T. 0.02 min

Lab File: VL036504.D

Acq: 26 Mar 2021 5:51

Tgt Ion: 105 Resp: 4177351

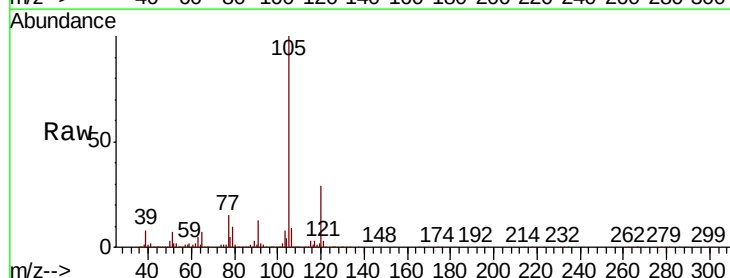
Ion Ratio Lower Upper

105 100

120 29.6 24.0 36.0

91 13.7 11.0 16.4

77 15.0 11.7 17.5

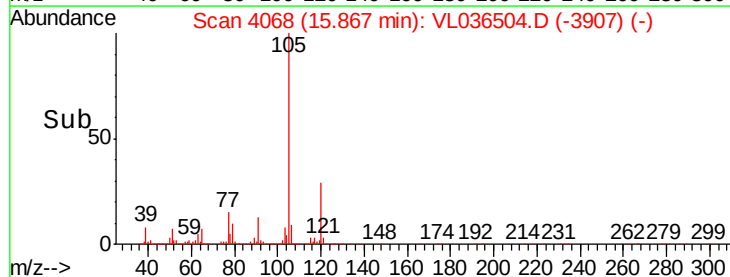
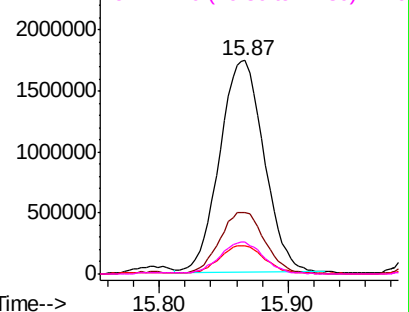


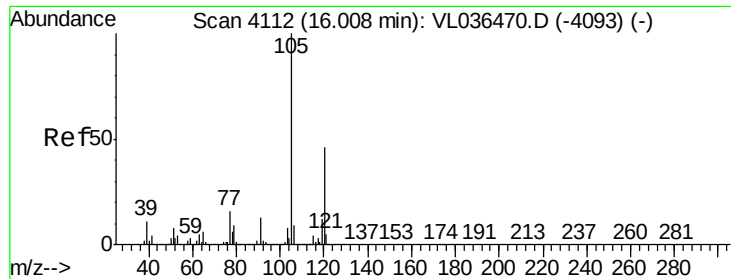
Abundance Ion 105.10 (104.80 to 105.80): V

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





#73

1,3,5-Trimethylbenzene

Concen: 8.464 ppbv

RT: 16.02 min Scan# 4116

Delta R.T. 0.01 min

Lab File: VL036504.D

Acq: 26 Mar 2021 5:51

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion:105 Resp: 3770354

Ion Ratio Lower Upper

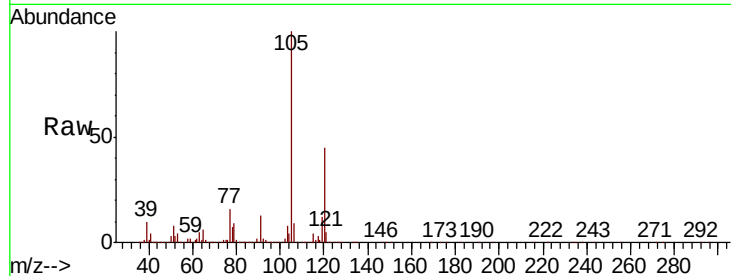
105 100

120 44.9 36.6 54.8

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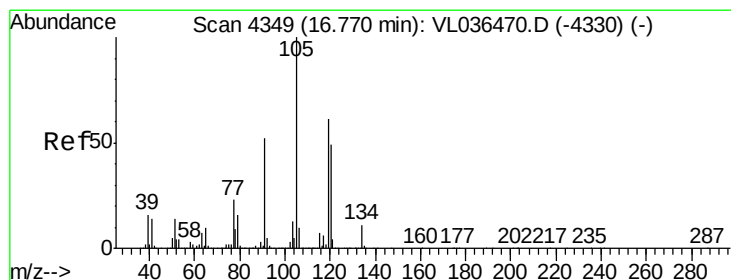
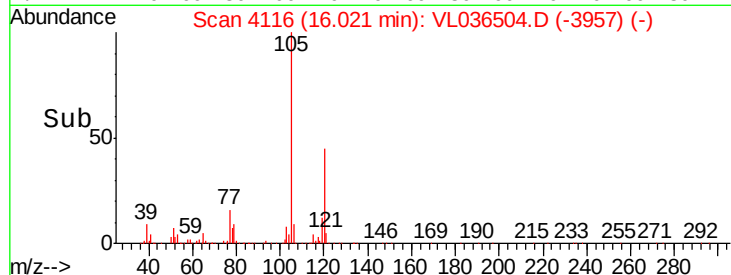
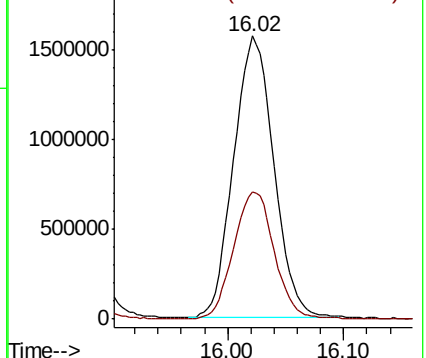
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Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



#74

1,2,4-Trimethylbenzene

Concen: 8.188 ppbv

RT: 16.79 min Scan# 4354

Delta R.T. 0.02 min

Lab File: VL036504.D

Acq: 26 Mar 2021 5:51

Tgt Ion:105 Resp: 3903334

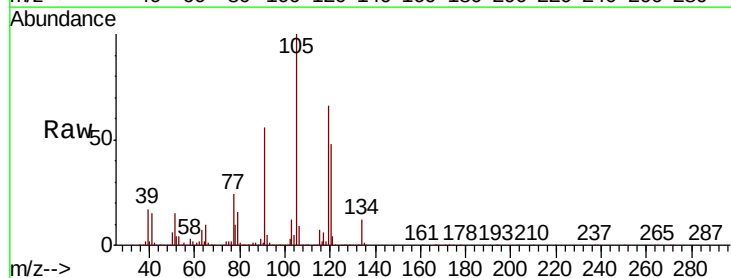
Ion Ratio Lower Upper

105 100

120 47.5 39.2 58.8

91 55.7 42.6 64.0

77 23.7 18.6 28.0

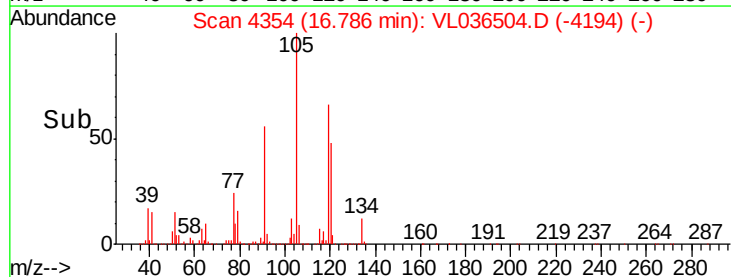
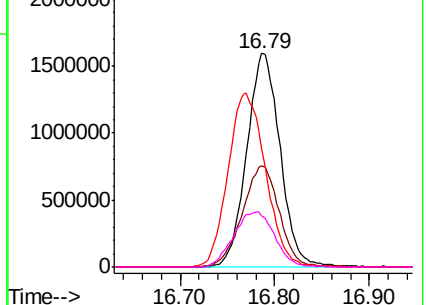


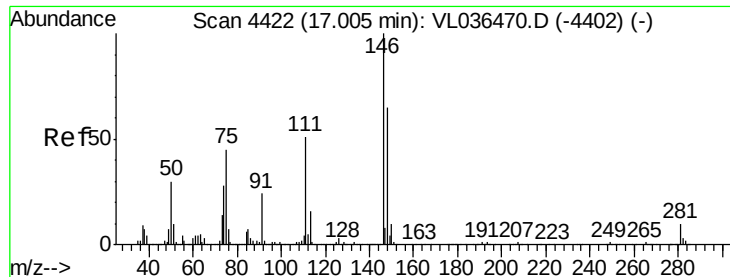
Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0





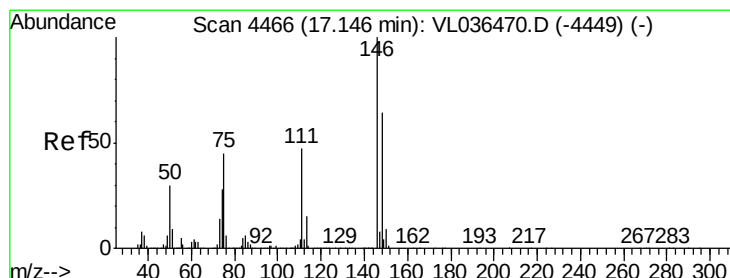
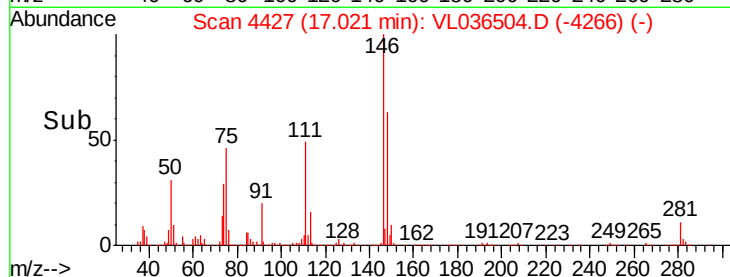
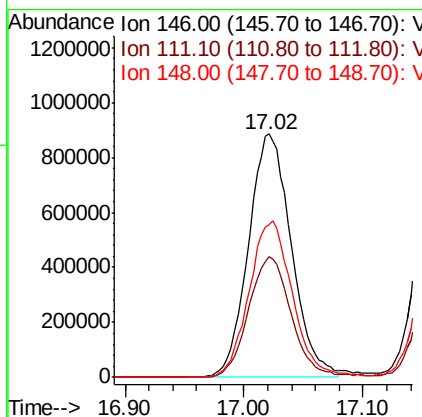
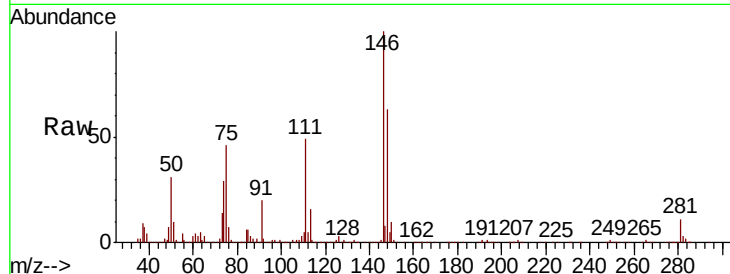
#75
 1,3-Dichlorobenzene
 Concen: 8.232 ppbv
 RT: 17.02 min Scan# 4427
 Delta R.T. 0.02 min
 Lab File: VL036504.D
 Acq: 26 Mar 2021 5:51

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	49.5	24.5	73.5
148	65.1	32.3	96.9

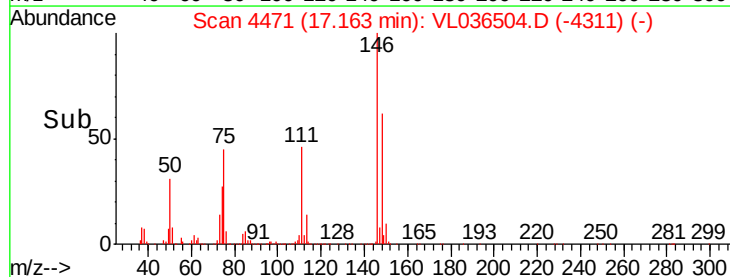
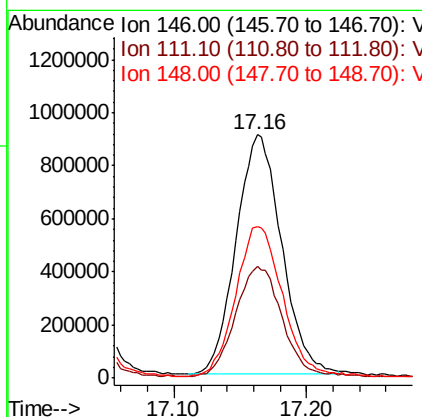
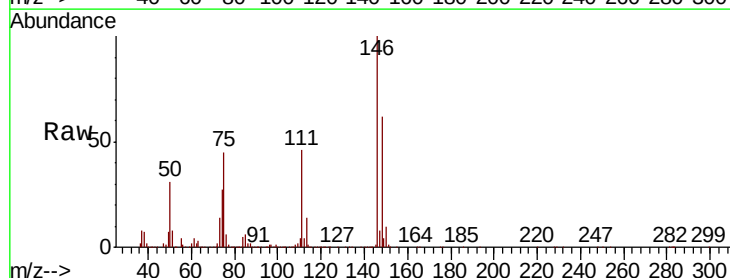
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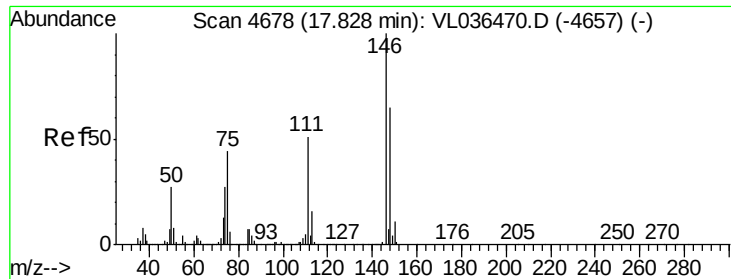
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#76
 1,4-Dichlorobenzene
 Concen: 8.077 ppbv
 RT: 17.16 min Scan# 4471
 Delta R.T. 0.02 min
 Lab File: VL036504.D
 Acq: 26 Mar 2021 5:51

Tgt Ion	Ratio	Lower	Upper
146	100		
111	49.1	24.3	72.8
148	66.5	33.0	98.9





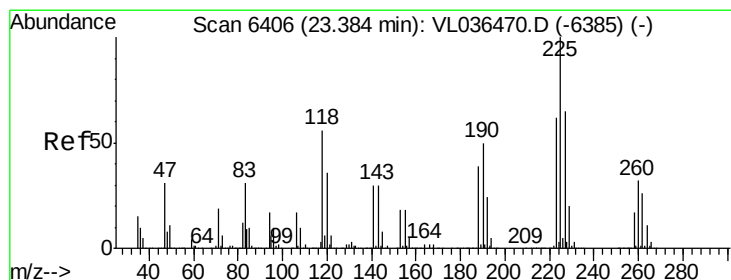
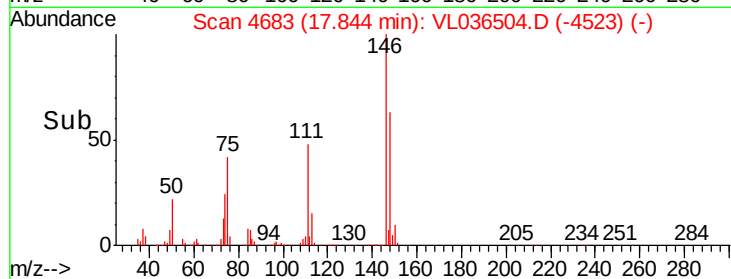
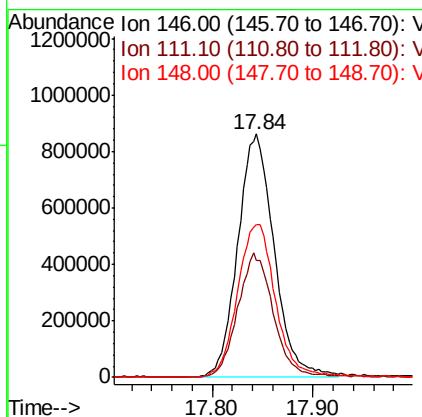
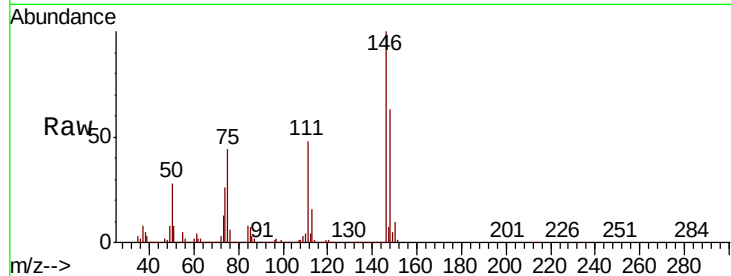
#77
 1,2-Dichlorobenzene
 Concen: 8.512 ppbv
 RT: 17.84 min Scan# 4683
 Delta R.T. 0.02 min
 Lab File: VL036504.D
 Acq: 26 Mar 2021 5:51

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	49.8	25.5	76.5
148	65.9	32.9	98.6

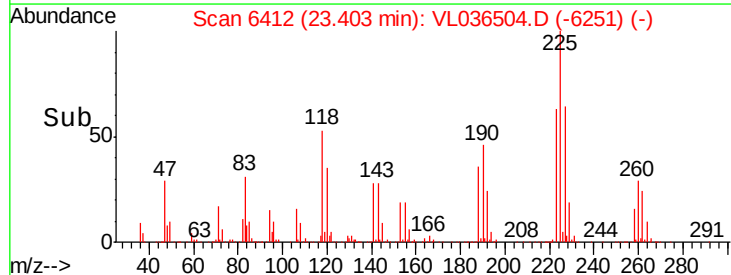
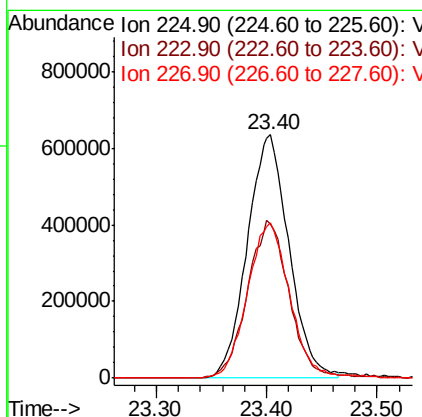
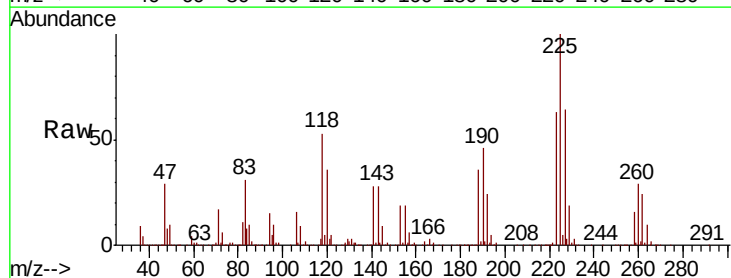
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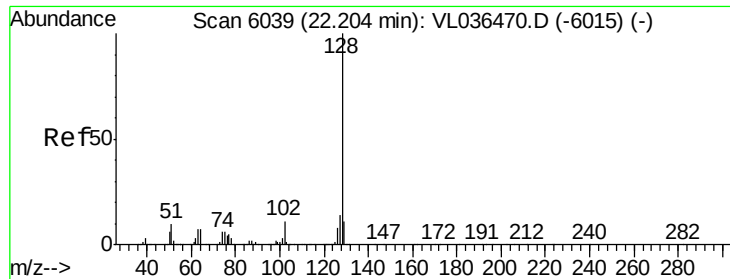
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#78
 Hexachloro-1,3-Butadiene
 Concen: 7.344 ppbv
 RT: 23.40 min Scan# 6412
 Delta R.T. 0.02 min
 Lab File: VL036504.D
 Acq: 26 Mar 2021 5:51

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.3	50.6	75.8
227	65.3	52.2	78.2





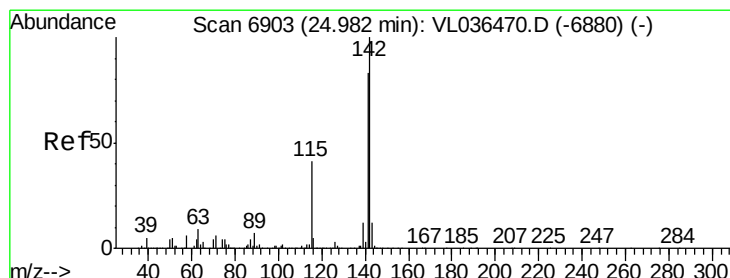
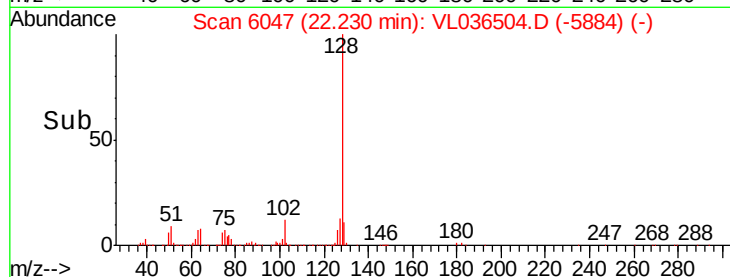
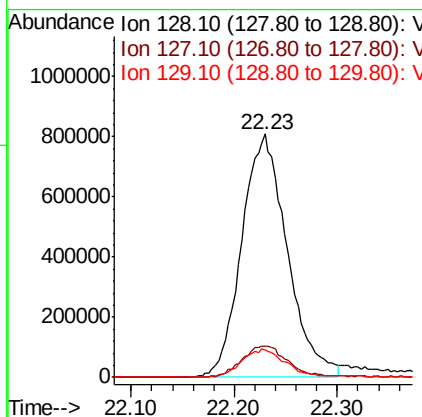
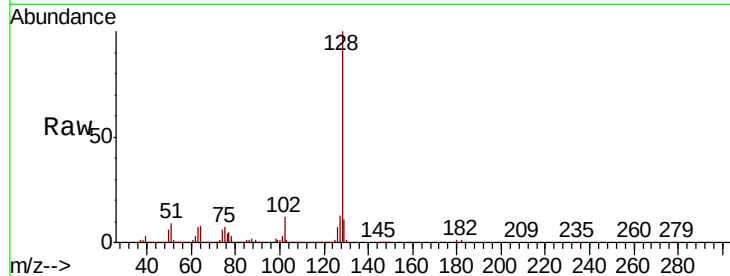
#79
Naphthalene
Concen: 8.913 ppbv
RT: 22.23 min Scan# 6047
Delta R.T. 0.03 min
Lab File: VL036504.D
Acq: 26 Mar 2021 5:51

Instrument :
MSVOA_L
ClientSampled :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.9	16.3
129	11.1	9.0	13.4

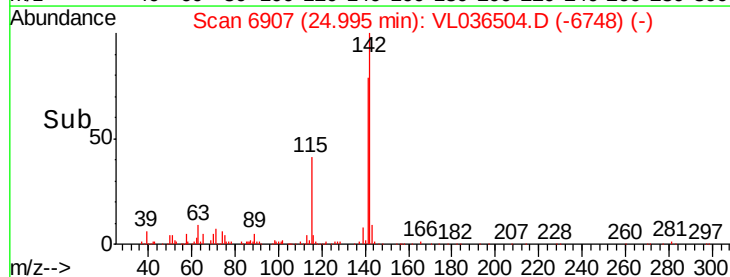
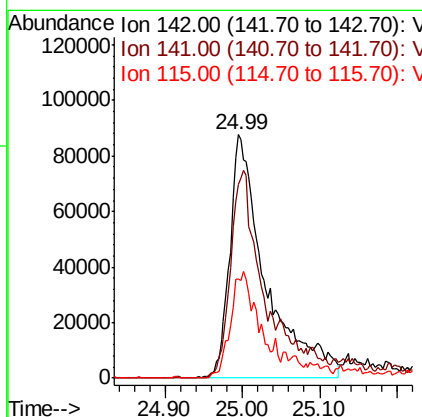
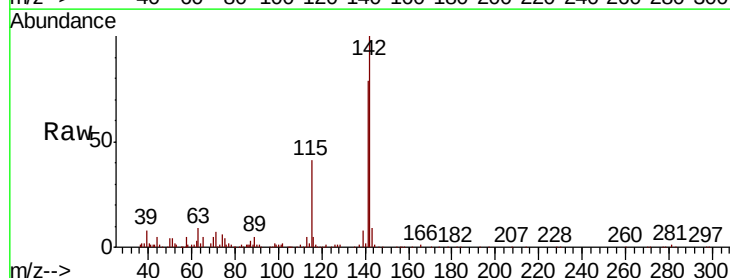
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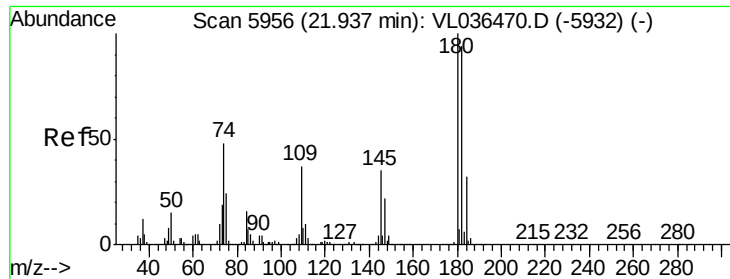
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#80
Naphthalene, 2-methyl-
Concen: 5.142 ppbv
RT: 24.99 min Scan# 6907
Delta R.T. 0.01 min
Lab File: VL036504.D
Acq: 26 Mar 2021 5:51

Tgt Ion	Ratio	Lower	Upper
142	100		
141	81.6	67.8	101.8
115	42.0	34.0	51.0





#81
 1,2,4-Trichlorobenzene
 Concen: 9.035 ppbv
 RT: 21.96 min Scan# 5963
 Delta R.T. 0.02 min
 Lab File: VL036504.D
 Acq: 26 Mar 2021 5:51

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion	Ratio	Lower	Upper
180	100		
182	100.6	80.8	121.2
184	31.5	25.0	37.4

Manual Integrations
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