

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL031921\
 Data File : VL036450.D
 Acq On : 19 Mar 2021 16:25
 Operator :
 Sample : VL0319ABS01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0319ABS01

Manual Integrations
 APPROVED

MMDadoda
 3/24/2021 6:14:41 PM

Quant Time: Mar 20 00:50:22 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL030321AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Mar 0
 QLast Update : Wed Mar 03 14:18:24 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1655498	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	3997573	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.07	117	3682969m	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	3175818	10.49	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.03	85	2154986	9.419	ppbv	98
3) Chlorodifluoromethane	2.98	51	1788913	9.136	ppbv	100
4) Chloromethane	3.13	50	869812	9.348	ppbv	99
5) Vinyl Chloride	3.25	62	860855	9.798	ppbv	100
6) Bromomethane	3.46	94	492945	9.050	ppbv	98
7) Chloroethane	3.54	64	303049	9.157	ppbv	97
8) Dichlorotetrafluoroethane	3.18	85	2084924	9.277	ppbv	99
9) Propene	3.00	41	824260	9.660	ppbv	97
10) Heptane	8.10	43	2077956	9.878	ppbv	99
11) Trichlorofluoromethane	3.93	101	2196540	9.297	ppbv	97
12) 1,1,2-Trichlorotrifluoroet	4.47	101	1392426	9.241	ppbv	97
13) Ethanol	3.60	45	159332m	12.170	ppbv	
14) Bromoethene	3.73	108	590617	9.441	ppbv	98
15) Acetone	3.83	43	1617888	8.552	ppbv	99
16) 1,3-Butadiene	3.31	39	835822	9.160	ppbv	100
17) tert-Butyl alcohol	4.28	59	1594109	10.626	ppbv	100
18) 1,1-Dichloroethene	4.27	96	624599	9.320	ppbv	93
19) Isopropyl Alcohol	3.96	45	1045224	9.831	ppbv #	98
20) Methylene Chloride	4.33	84	534877	8.387	ppbv	94
21) Allyl Chloride	4.40	41	1022066	9.581	ppbv	98
22) trans-1,2-Dichloroethene	4.87	96	576851	9.506	ppbv	98
23) Vinyl Acetate	5.06	43	2116979	9.887	ppbv	99
24) 1,1-Dichloroethane	5.00	63	1620762	9.591	ppbv	99
25) Ethyl Acetate	5.66	43	3512600	9.549	ppbv	99
26) Hexane	5.67	57	1421335	9.443	ppbv	99
27) Carbon Disulfide	4.54	76	1555982	10.416	ppbv	99
28) Methyl tert-Butyl Ether	5.02	73	1926007	9.549	ppbv	99
29) Chloroform	5.74	83	2312960	9.393	ppbv	99
30) Cyclohexane	7.11	84	1209503	9.725	ppbv	100
31) cis-1,2-Dichloroethene	5.54	61	1448672	9.964	ppbv	97
32) 1,1,1-Trichloroethane	6.49	97	2275373	9.196	ppbv	98
34) 2-Butanone	5.23	43	2202871	9.142	ppbv	100
35) Carbon Tetrachloride	7.00	117	2355771	9.120	ppbv	97
36) Benzene	6.88	78	2958202	9.537	ppbv	100
37) 1,2-Dichloroethane	6.29	62	1797553	9.222	ppbv	100
38) Trichloroethene	7.82	130	1043536	8.902	ppbv	97
39) 1,2-Dichloropropane	7.60	63	1186630	8.996	ppbv	98
40) 1,4-Dioxane	7.82	88	377067	8.709	ppbv #	1
41) Tetrahydrofuran	6.03	42	1296840	9.650	ppbv	99
42) Bromodichloromethane	7.78	83	2526026	9.590	ppbv	98
43) Methyl Methacrylate	8.00	69	1309371	10.423	ppbv	99

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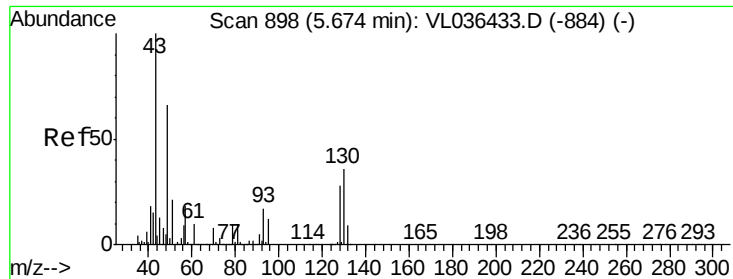
MMDadoda
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Quant Time: Mar 20 00:50:22 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL030321AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Mar 0
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 Response via : Initial Calibration

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

44) 2,2,4-Trimethylpentane	7.85	57	5099513	9.016	ppbv	99
45) t-1,3-Dichloropropene	9.27	75	1364100	11.157	ppbv	100
46) cis-1,3-Dichloropropene	8.69	75	1678720	10.517	ppbv	99
47) 1,1,2-Trichloroethane	9.46	97	1180262	8.976	ppbv	97
48) Dibromochloromethane	10.29	129	1955838	9.823	ppbv	100
49) Bromoform	13.03	173	1551968	9.528	ppbv	100
50) 4-Methyl-2-Pentanone	8.73	43	3398144	9.687	ppbv	100
51) 2-Hexanone	10.12	43	2770987	10.449	ppbv #	98
52) Tetrachloroethene	11.21	164	991655	8.525	ppbv	97
53) Toluene	9.79	91	3326238	9.957	ppbv	100
54) 1,2-Dibromoethane	10.59	107	1734557	9.138	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.11	131	1480829	9.073	ppbv	98
57) Chlorobenzene	12.13	112	2369479	8.907	ppbv	96
58) Ethyl Benzene	12.69	91	4397749	9.610	ppbv	99
59) m/p-Xylene	12.98	91	7534937m	18.623	ppbv	
60) o-Xylene	13.67	91	3523123	9.064	ppbv	99
61) Styrene	13.51	104	2463256	10.421	ppbv	99
62) Isopropylbenzene	14.65	105	5211370	8.892	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.66	83	2376589	7.821	ppbv	99
64) n-propylbenzene	15.55	120	1340301	9.156	ppbv	97
65) tert-Butylbenzene	16.73	119	4411743	8.653	ppbv	100
66) Benzyl Chloride	16.97	91	1434701	10.079	ppbv	100
67) sec-Butylbenzene	17.28	105	6206062	8.716	ppbv	99
69) p-Isopropyltoluene	17.64	119	5131113	9.006	ppbv	99
70) n-Butylbenzene	18.54	91	5332955	9.055	ppbv	99
71) 2-Chlorotoluene	15.44	91	3948580	8.957	ppbv	100
72) 4-Ethyltoluene	15.82	105	3969663	9.403	ppbv	99
73) 1,3,5-Trimethylbenzene	15.98	105	3751588	9.160	ppbv	100
74) 1,2,4-Trimethylbenzene	16.75	105	3788168	8.711	ppbv	99
75) 1,3-Dichlorobenzene	16.98	146	2061840	8.538	ppbv	100
76) 1,4-Dichlorobenzene	17.12	146	2008216	8.322	ppbv	99
77) 1,2-Dichlorobenzene	17.80	146	2012189	8.510	ppbv	99
78) Hexachloro-1,3-Butadiene	23.36	225	1811790	9.629	ppbv	99
79) Naphthalene	22.18	128	3536116	13.882	ppbv	98
80) Naphthalene, 2-methyl-	24.96	142	993416	18.037	ppbv	98
81) 1,2,4-Trichlorobenzene	21.91	180	1841969m	12.580	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. -0.02 min

Lab File: VL036450.D

Acq: 19 Mar 2021 16:25

Instrument :

MSVOA_L

ClientSampleId :

VL0319ABS01

Tot Ion: 49 Resp: 1655498

Ion Ratio Lower Upper

49 100

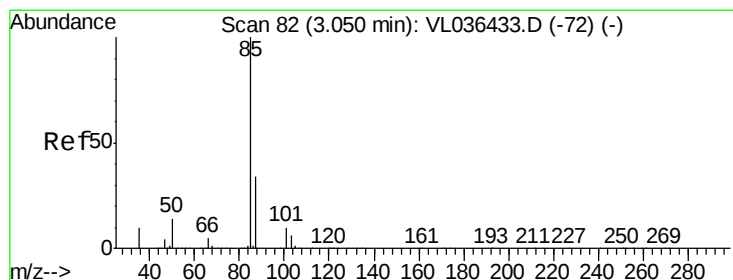
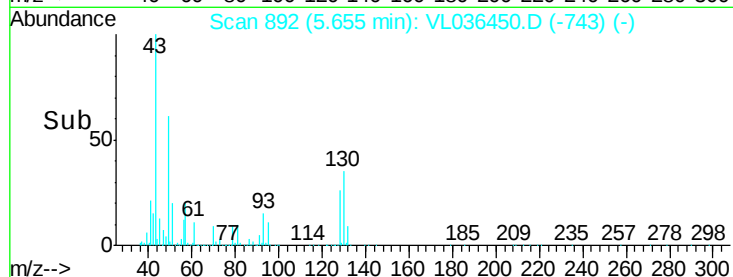
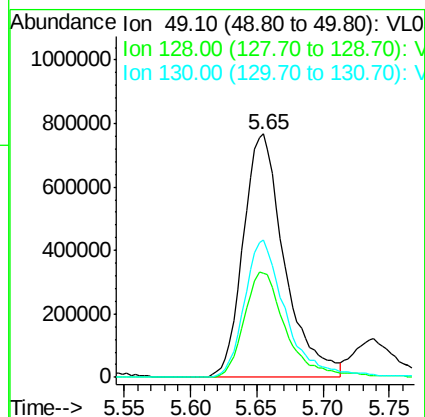
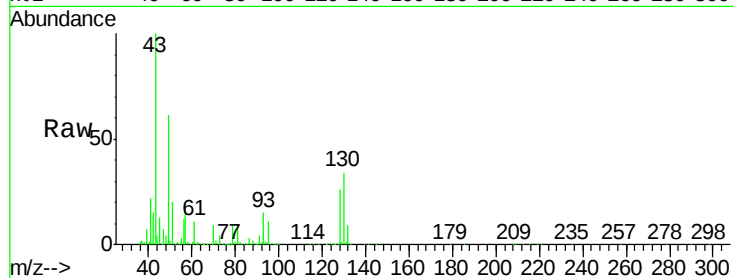
128 44.4 22.4 67.2

130 57.3 28.0 84.0

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#2

Dichlorodifluoromethane

Concen: 9.419 ppbv

RT: 3.03 min Scan# 77

Delta R.T. -0.02 min

Lab File: VL036450.D

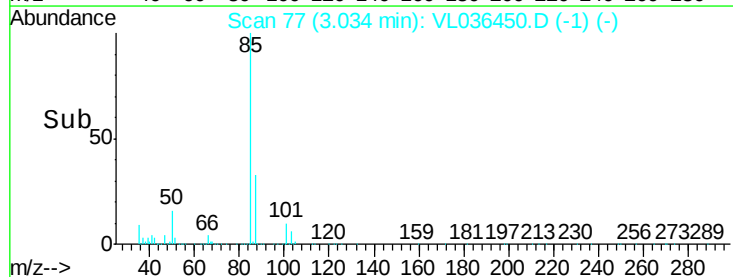
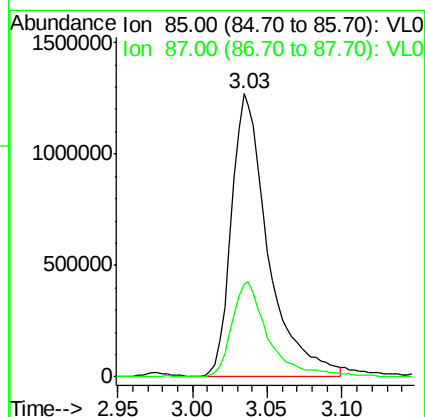
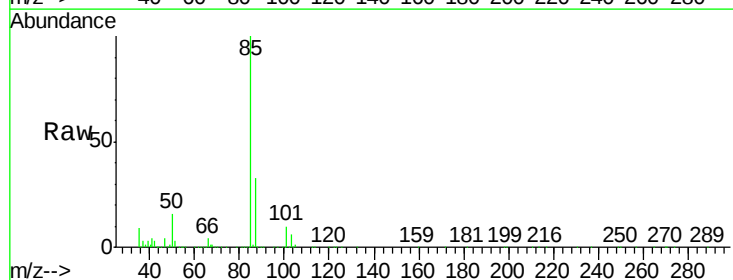
Acq: 19 Mar 2021 16:25

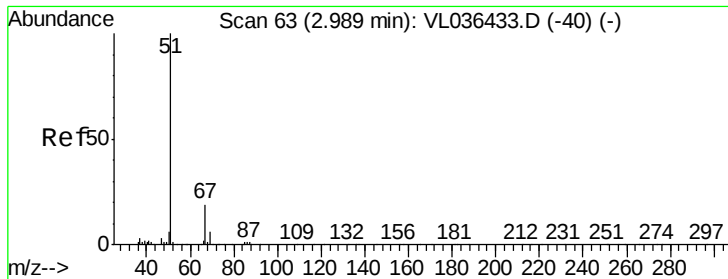
Tgt Ion: 85 Resp: 2154986

Ion Ratio Lower Upper

85 100

87 32.5 27.1 40.7





#3

Chlorodifluoromethane

Concen: 9.136 ppbv

RT: 2.98 min Scan# 59

Delta R.T. -0.01 min

Lab File: VL036450.D

Acq: 19 Mar 2021 16:25

Tot Ion: 51 Resp: 1788913

Ion Ratio Lower Upper

51 100

67 18.7 14.8 22.2

Instrument :

MSVOA_L

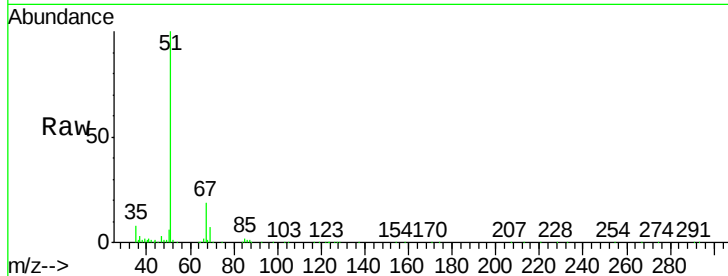
ClientSampleId :

VL0319ABS01

Manual Integrations
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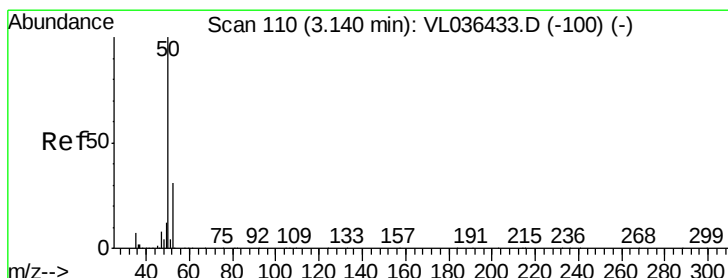
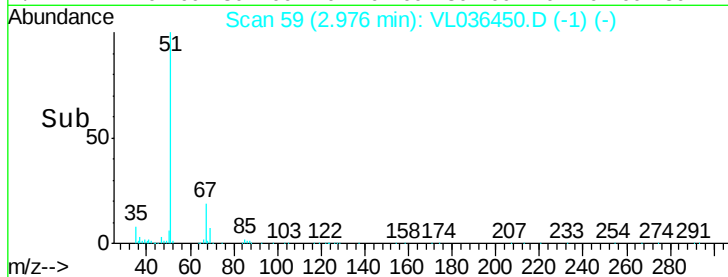
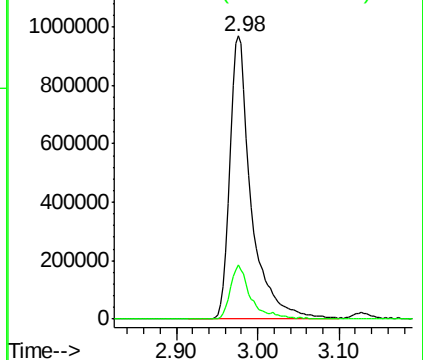
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3/24/2021 6:14:41 PM



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 9.348 ppbv

RT: 3.13 min Scan# 106

Delta R.T. -0.01 min

Lab File: VL036450.D

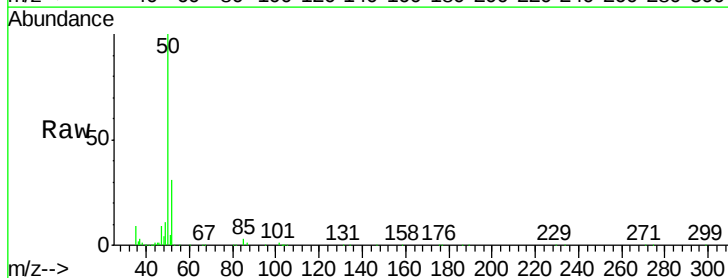
Acq: 19 Mar 2021 16:25

Tgt Ion: 50 Resp: 869812

Ion Ratio Lower Upper

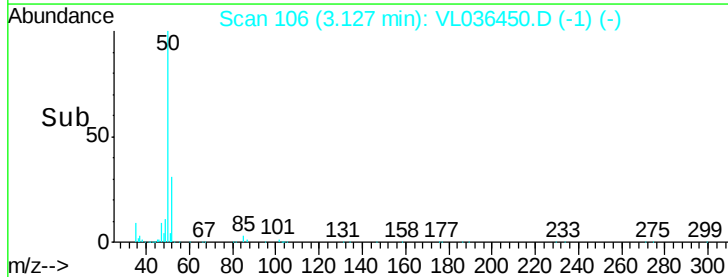
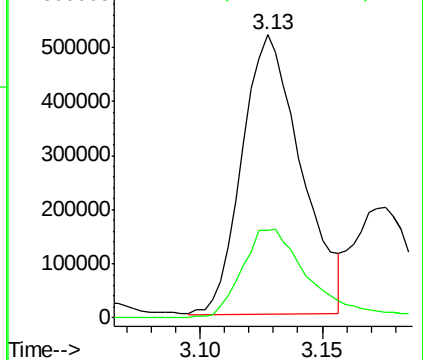
50 100

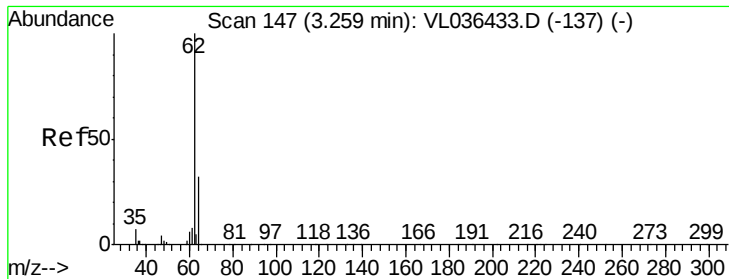
52 31.1 24.6 36.8



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 9.798 ppbv

RT: 3.25 min Scan# 143

Delta R.T. -0.01 min

Lab File: VL036450.D

Acq: 19 Mar 2021 16:25

Instrument :

MSVOA_L

ClientSampleId :

VL0319ABS01

Tot Ion: 62 Resp: 860855

Ion Ratio Lower Upper

62 100

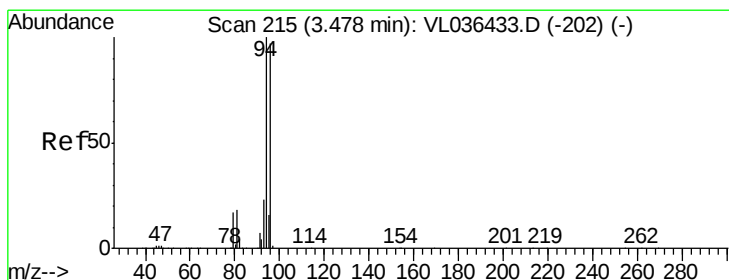
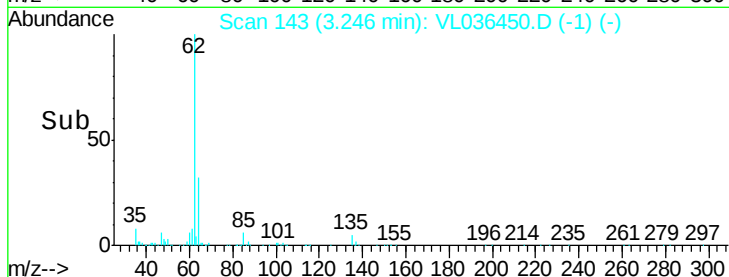
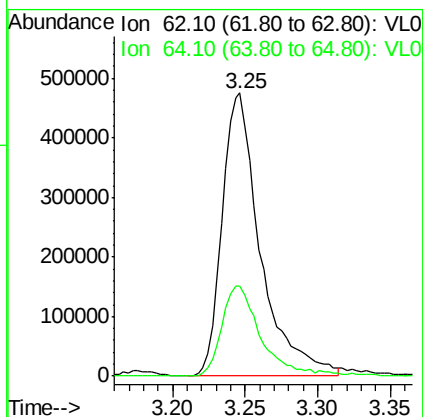
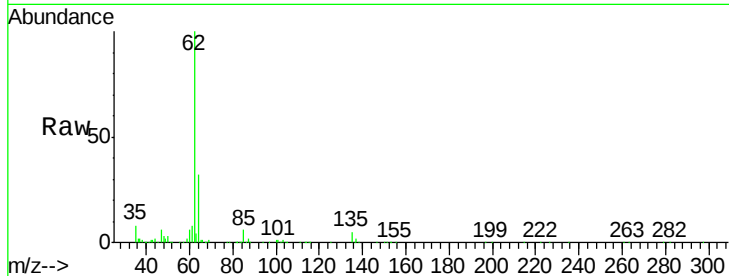
64 31.8 25.4 38.2

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3/24/2021 6:14:41 PM



#6

Bromomethane

Concen: 9.050 ppbv

RT: 3.46 min Scan# 210

Delta R.T. -0.02 min

Lab File: VL036450.D

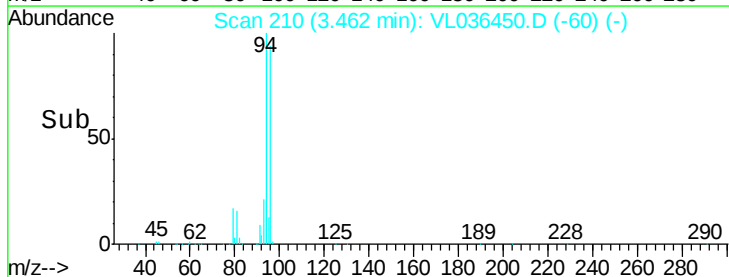
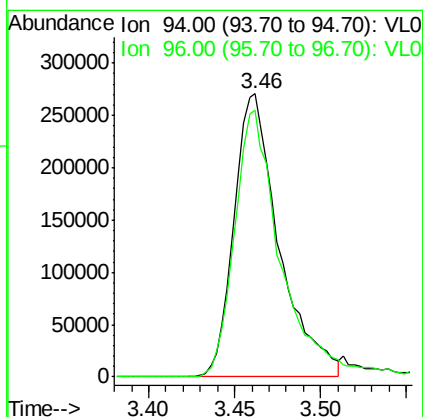
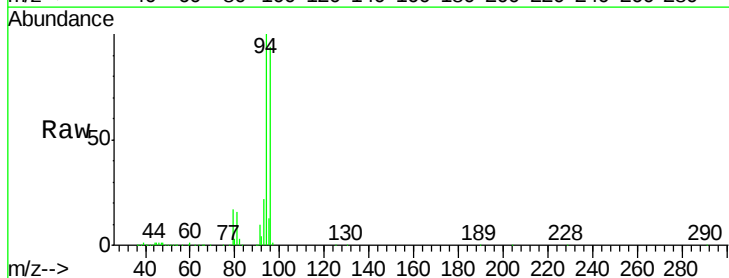
Acq: 19 Mar 2021 16:25

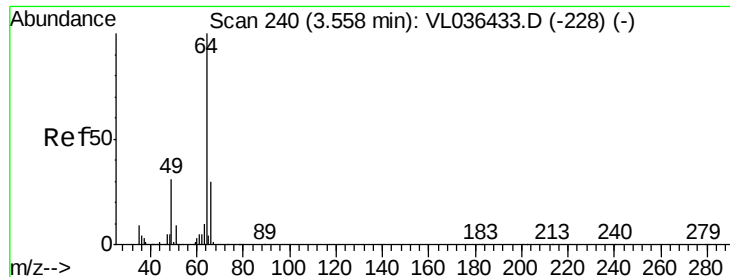
Tgt Ion: 94 Resp: 492945

Ion Ratio Lower Upper

94 100

96 94.2 77.3 115.9





#7

Chloroethane

Concen: 9.157 ppbv

RT: 3.54 min Scan# 235

Delta R.T. -0.02 min

Lab File: VL036450.D

Acq: 19 Mar 2021 16:25

Instrument :

MSVOA_L

ClientSampleId :

VL0319ABS01

Tot Ion: 64 Resp: 303049

Ion Ratio Lower Upper

64 100

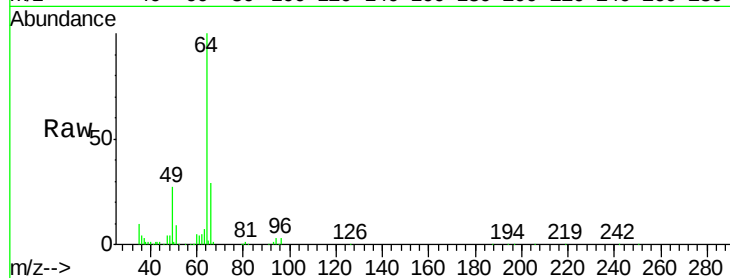
66 29.0 24.3 36.5

Manual Integrations

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3/24/2021 6:14:41 PM



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0

3.54

200000

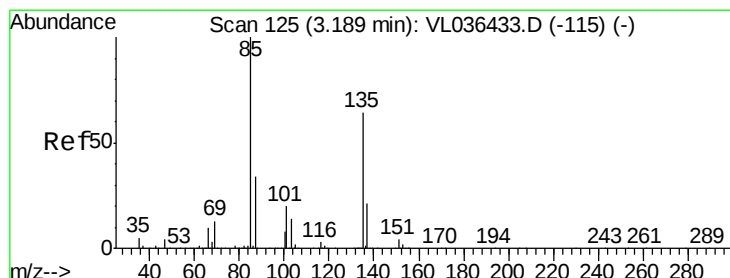
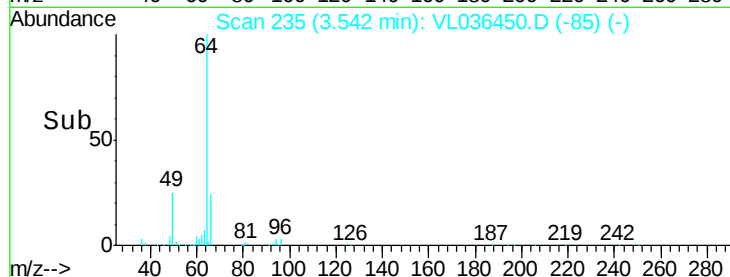
150000

100000

50000

0

Time-->



#8

Dichlorotetrafluoroethane

Concen: 9.277 ppbv

RT: 3.18 min Scan# 121

Delta R.T. -0.01 min

Lab File: VL036450.D

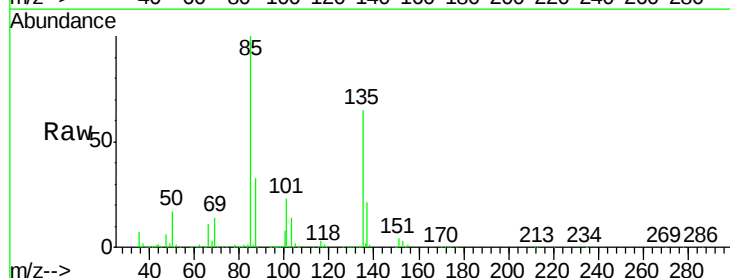
Acq: 19 Mar 2021 16:25

Tgt Ion: 85 Resp: 2084924

Ion Ratio Lower Upper

85 100

135 66.9 52.8 79.2



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V

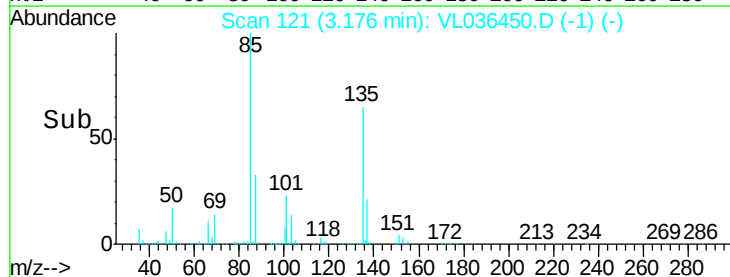
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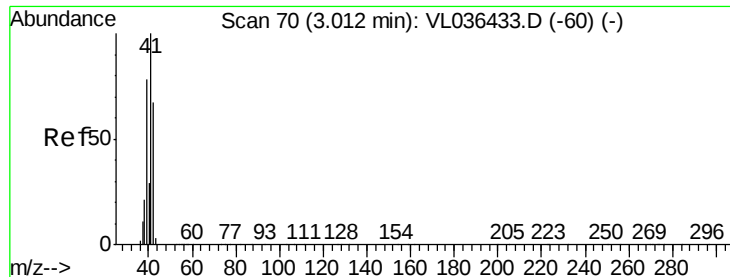
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500000

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Time-->





#9

Propene

Concen: 9.660 ppbv

RT: 3.00 min Scan# 65

Delta R.T. -0.02 min

Lab File: VL036450.D

Acq: 19 Mar 2021 16:25

Instrument :

MSVOA_L

ClientSampleId :

VL0319ABS01

Tot Ion: 41 Resp: 824260

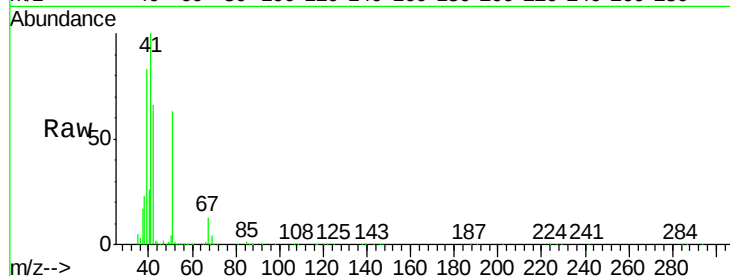
Ion Ratio Lower Upper

41 100

42 67.8 56.2 84.4

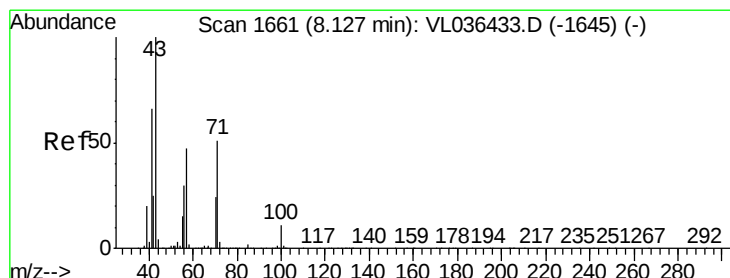
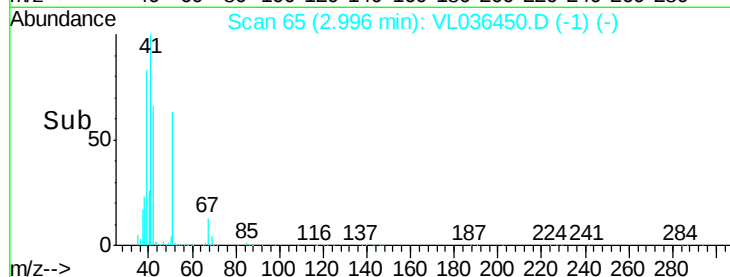
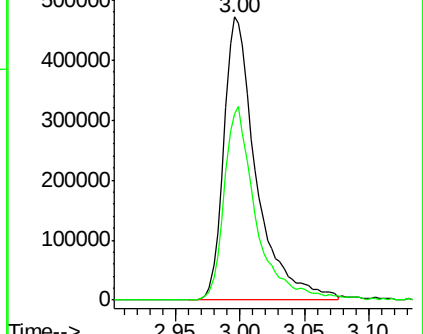
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3/24/2021 6:14:41 PM



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0



#10

Heptane

Concen: 9.878 ppbv

RT: 8.10 min Scan# 1654

Delta R.T. -0.02 min

Lab File: VL036450.D

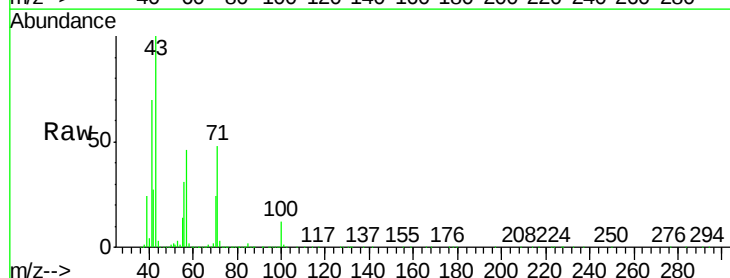
Acq: 19 Mar 2021 16:25

Tgt Ion: 43 Resp: 2077956

Ion Ratio Lower Upper

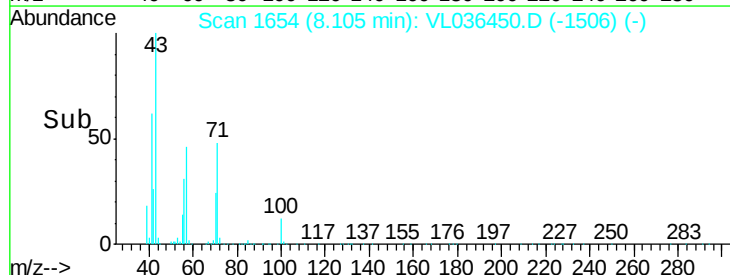
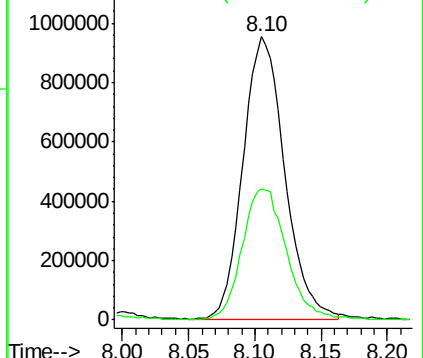
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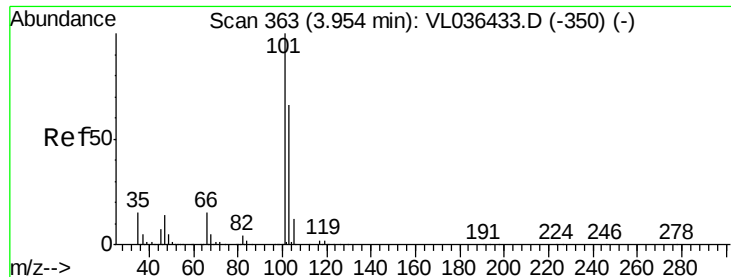
57 49.3 39.1 58.7



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0





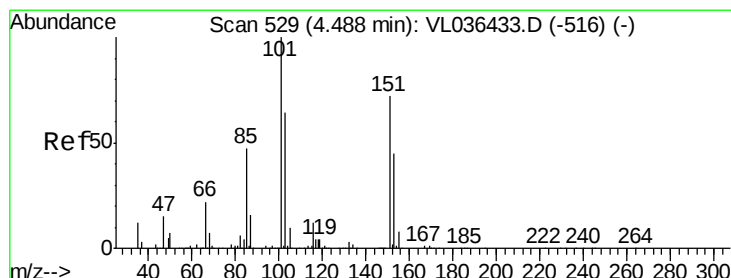
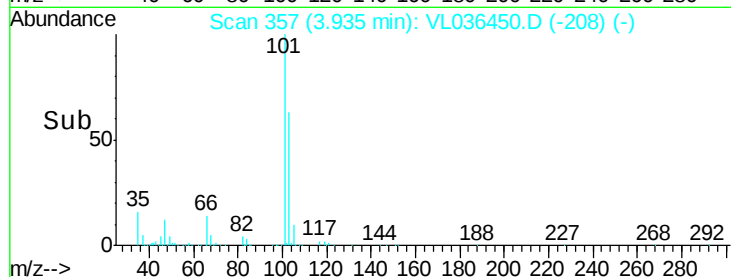
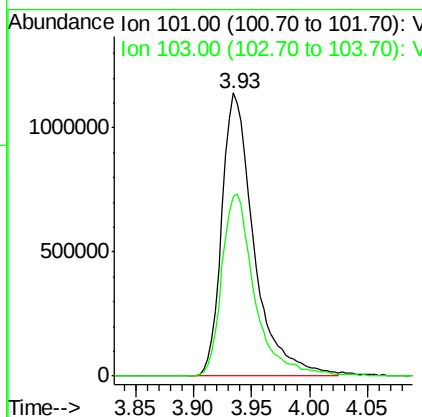
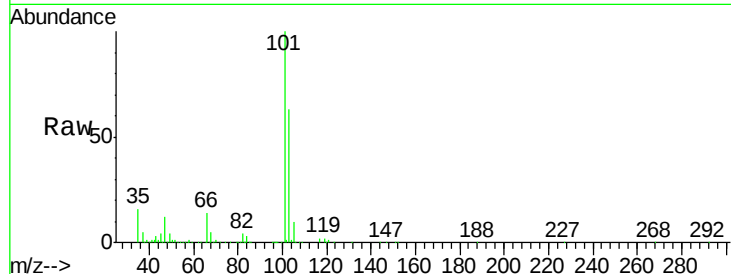
#11
 Trichlorofluoromethane
 Concen: 9.297 ppbv
 RT: 3.93 min Scan# 357
 Delta R.T. -0.02 min
 Lab File: VL036450.D
 Acq: 19 Mar 2021 16:25

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0319ABS01

Tot Ion:101 Resp: 2196540
 Ion Ratio Lower Upper
 101 100
 103 63.5 52.4 78.6

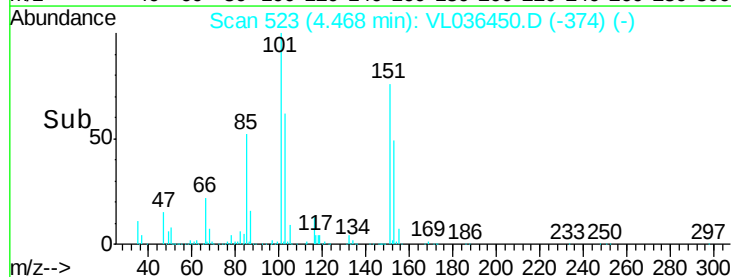
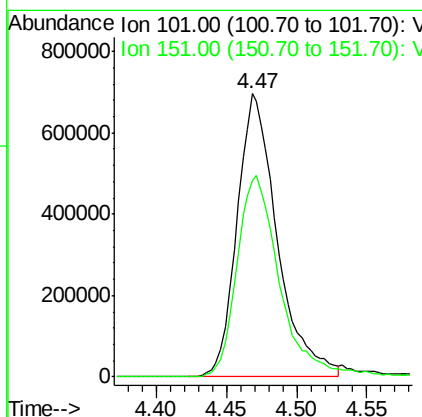
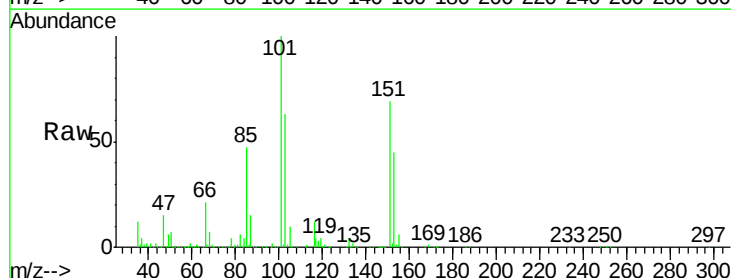
Manual Integrations
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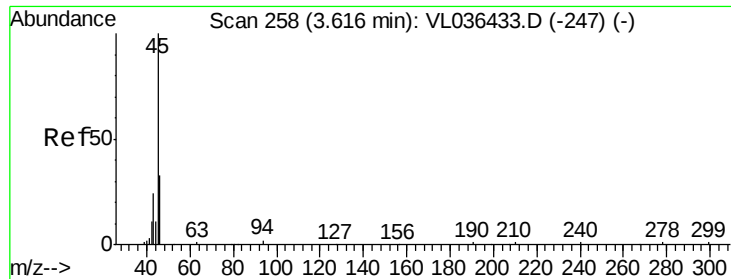
MMDadoda
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#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.241 ppbv
 RT: 4.47 min Scan# 523
 Delta R.T. -0.02 min
 Lab File: VL036450.D
 Acq: 19 Mar 2021 16:25

Tgt Ion:101 Resp: 1392426
 Ion Ratio Lower Upper
 101 100
 151 76.3 59.0 88.4





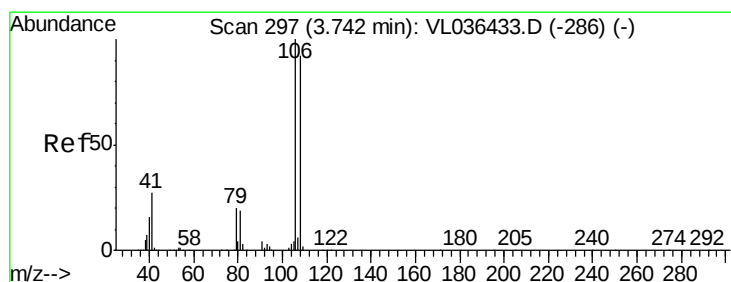
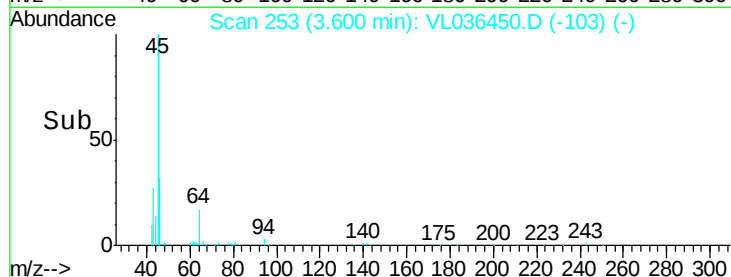
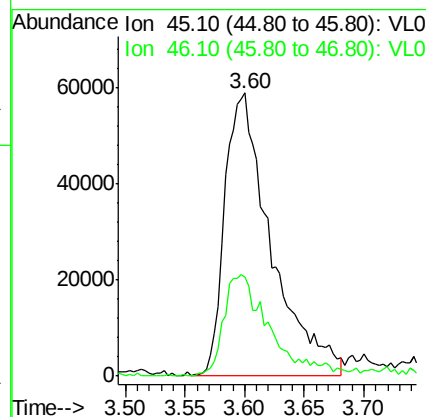
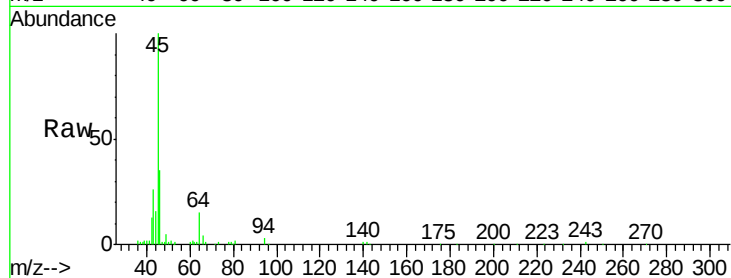
#13
Ethanol
Concen: 12.170 ppbv m
RT: 3.60 min Scan# 253
Delta R.T. -0.02 min
Lab File: VL036450.D
Acq: 19 Mar 2021 16:25

Instrument :
MSVOA_L
ClientSampleId :
VL0319ABS01

Tot Ion	45	Ratio	Lower	Upper
45	100			
46	35.4	16.8	67.4	

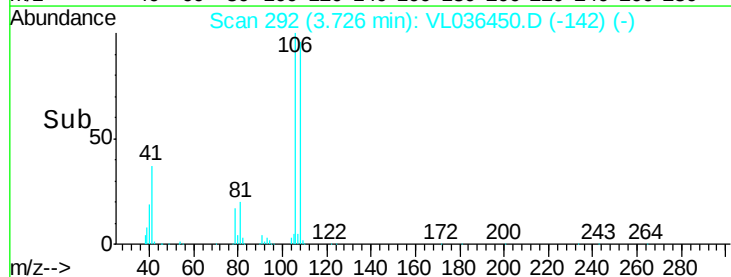
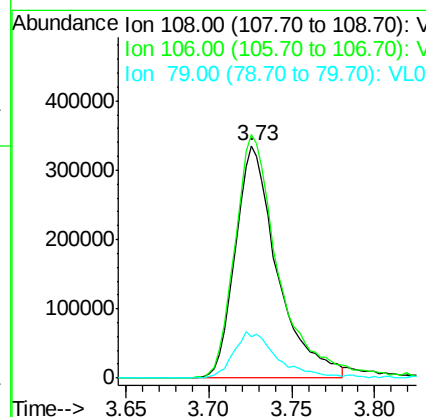
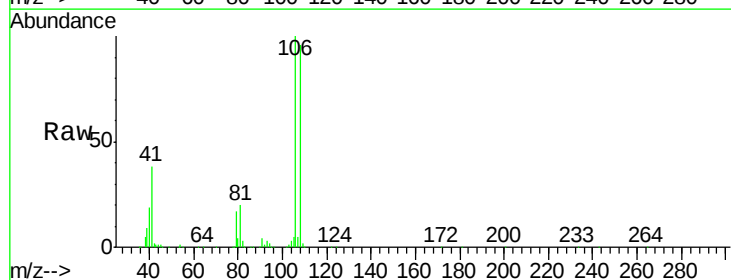
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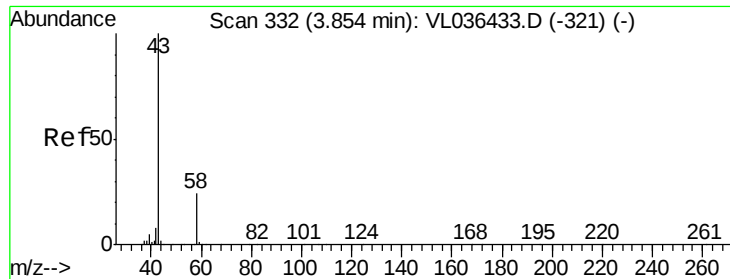
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#14
Bromoethene
Concen: 9.441 ppbv
RT: 3.73 min Scan# 292
Delta R.T. -0.02 min
Lab File: VL036450.D
Acq: 19 Mar 2021 16:25

Tgt Ion	108	Ratio	Lower	Upper
108	100			
106	111.5	87.0	130.4	
79	21.4	17.1	25.7	





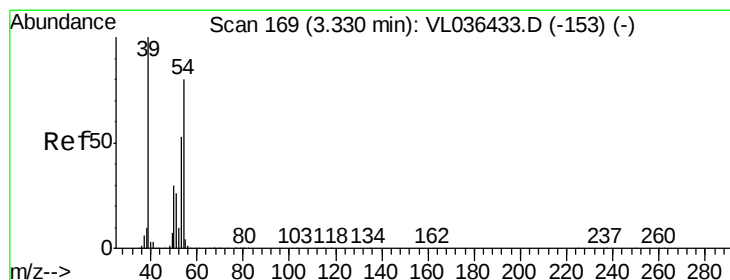
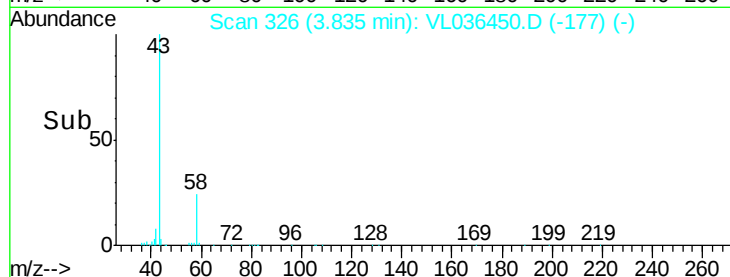
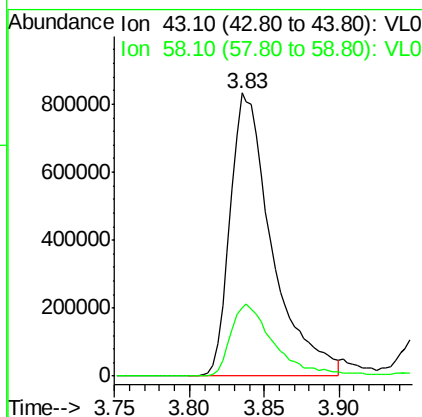
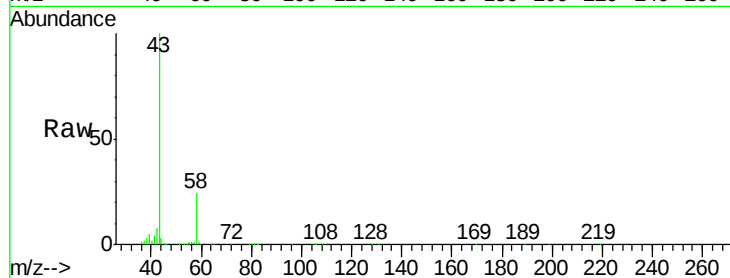
#15
Acetone
Concen: 8.552 ppbv
RT: 3.83 min Scan# 326
Delta R.T. -0.02 min
Lab File: VL036450.D
Acq: 19 Mar 2021 16:25

Instrument :
MSVOA_L
ClientSampleId :
VL0319ABS01

Tot Ion: 43 Resp: 1617888
Ion Ratio Lower Upper
43 100
58 26.8 21.0 31.6

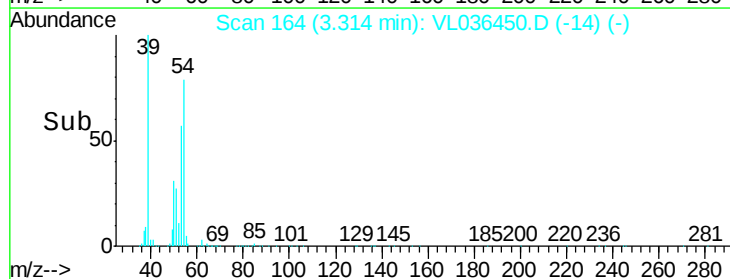
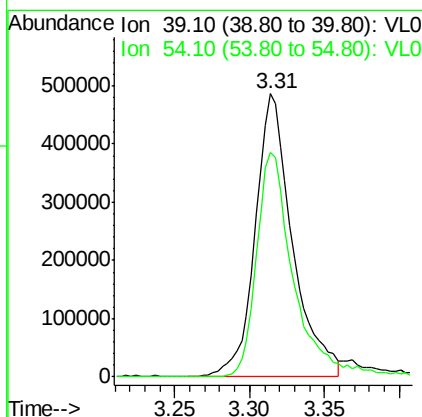
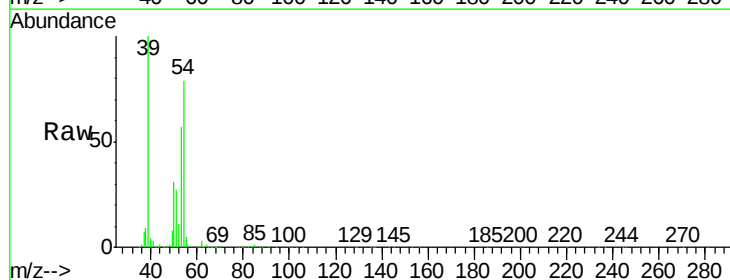
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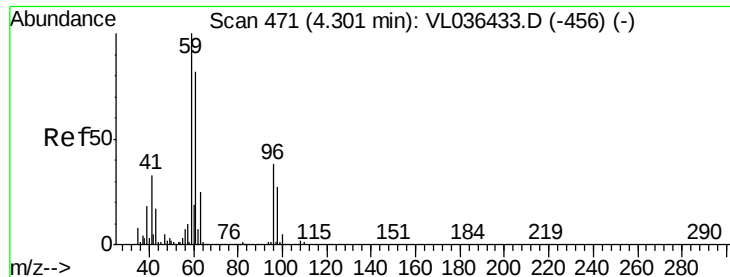
MMDadoda
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#16
1,3-Butadiene
Concen: 9.160 ppbv
RT: 3.31 min Scan# 164
Delta R.T. -0.02 min
Lab File: VL036450.D
Acq: 19 Mar 2021 16:25

Tgt Ion: 39 Resp: 835822
Ion Ratio Lower Upper
39 100
54 80.5 64.5 96.7





#17

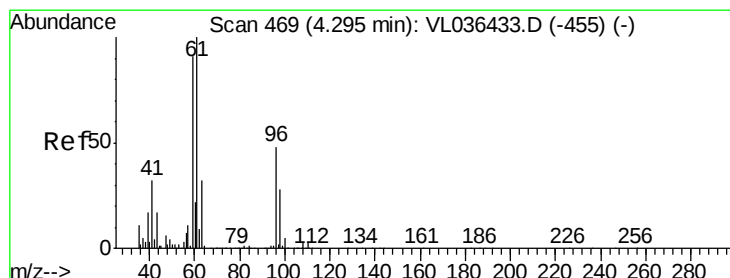
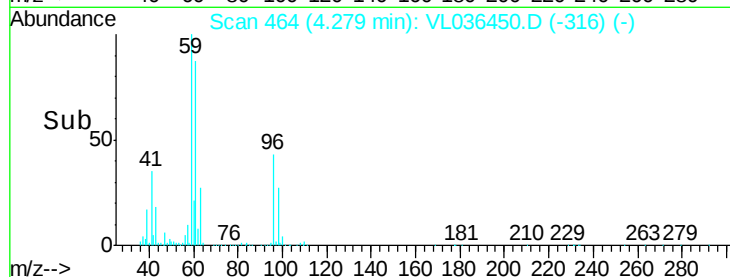
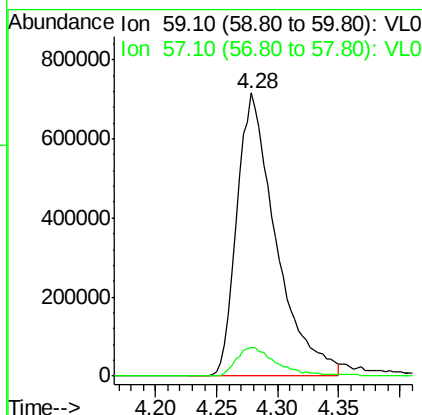
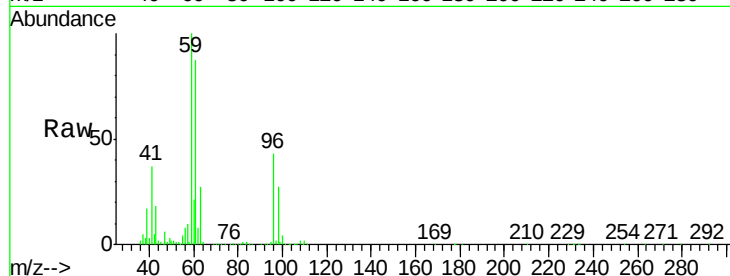
tert-Butyl alcohol
Concen: 10.626 ppbv
RT: 4.28 min Scan# 464
Delta R.T. -0.02 min
Lab File: VL036450.D
Acq: 19 Mar 2021 16:25

Instrument :
MSVOA_L
ClientSampleId :
VL0319ABS01

Tot Ion: 59 Resp: 1594109
Ion Ratio Lower Upper
59 100
57 11.3 8.9 13.3

Manual Integrations
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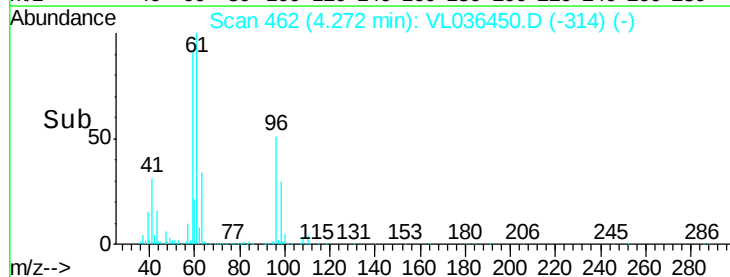
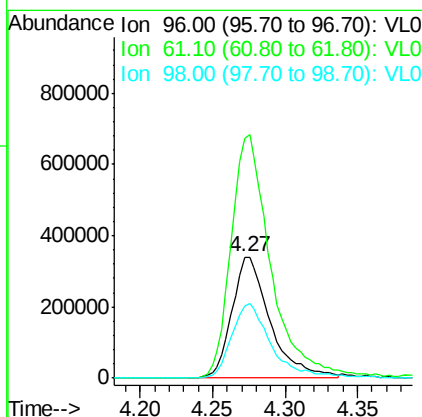
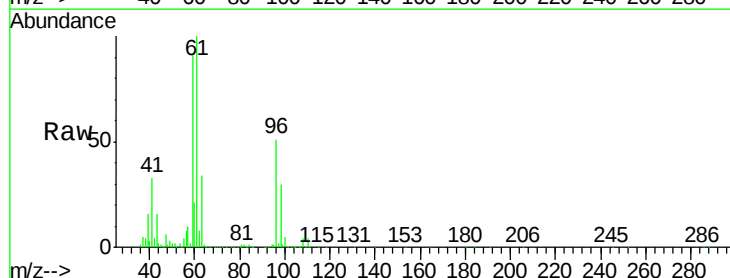
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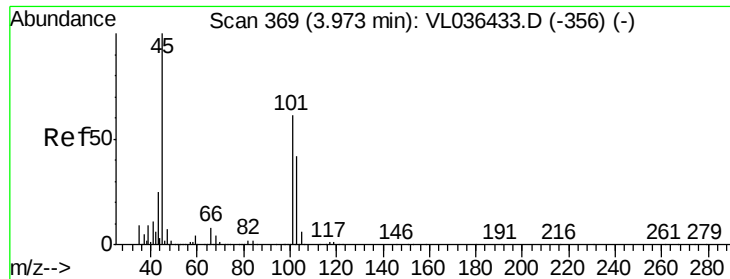


#18

1,1-Dichloroethene
Concen: 9.320 ppbv
RT: 4.27 min Scan# 462
Delta R.T. -0.02 min
Lab File: VL036450.D
Acq: 19 Mar 2021 16:25

Tgt Ion: 96 Resp: 624599
Ion Ratio Lower Upper
96 100
61 197.4 168.2 252.2
98 59.2 47.8 71.6





#19

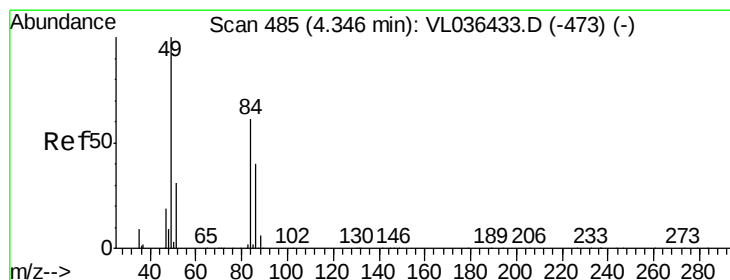
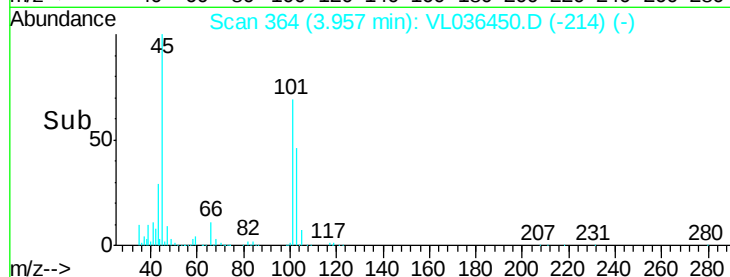
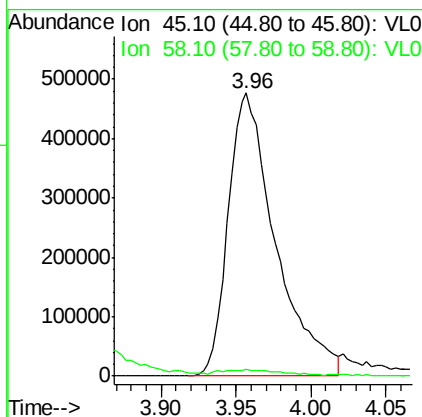
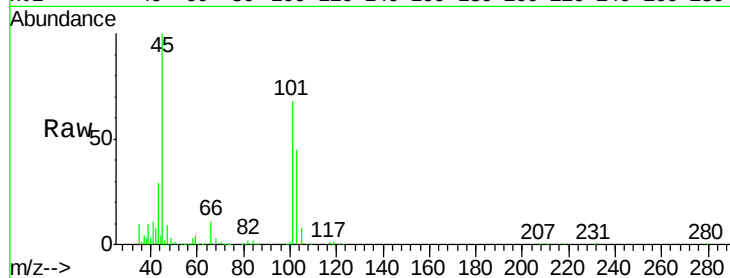
Isopropyl Alcohol
 Concen: 9.831 ppbv
 RT: 3.96 min Scan# 364
 Delta R.T. -0.02 min
 Lab File: VL036450.D
 Acq: 19 Mar 2021 16:25

Instrument :
 MSVOA_L
 ClientSampleID :
 VL0319ABS01

Tot Ion: 45 Resp: 1045224
 Ion Ratio Lower Upper
 45 100
 58 3.2 2.0 3.0#

Manual Integrations
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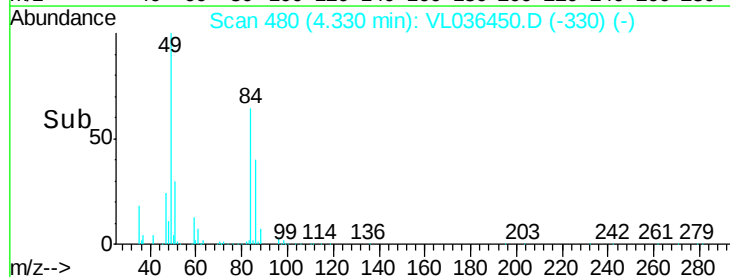
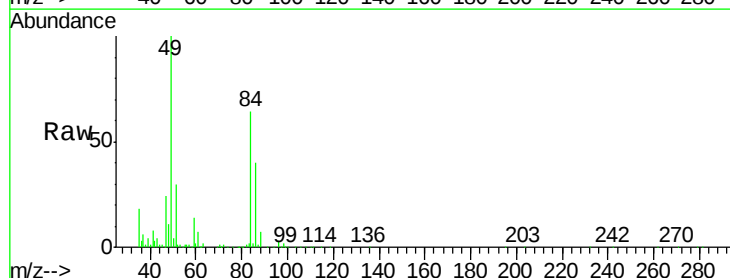
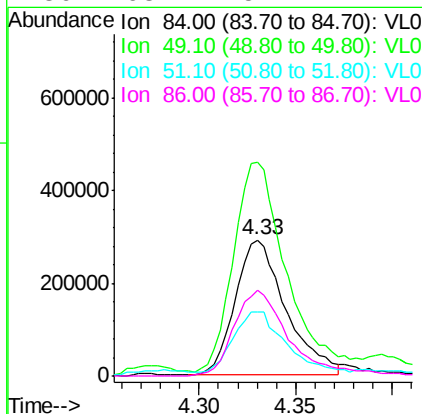
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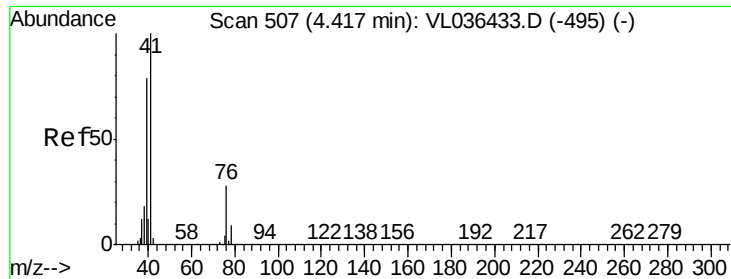


#20

Methylene Chloride
 Concen: 8.387 ppbv
 RT: 4.33 min Scan# 480
 Delta R.T. -0.02 min
 Lab File: VL036450.D
 Acq: 19 Mar 2021 16:25

Tgt Ion: 84 Resp: 534877
 Ion Ratio Lower Upper
 84 100
 49 154.2 130.2 195.2
 51 44.4 40.5 60.7
 86 63.2 51.4 77.2





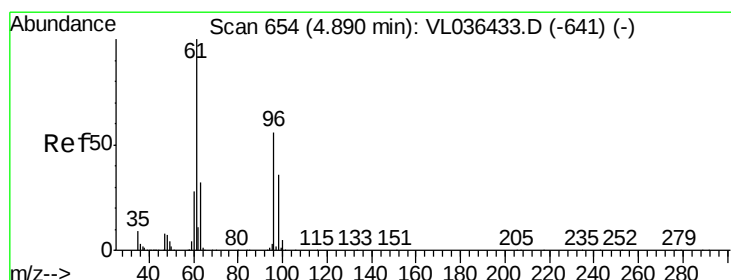
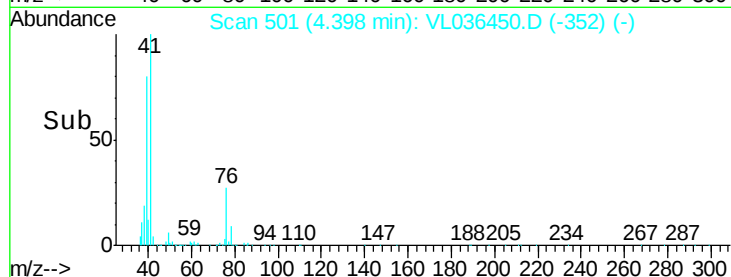
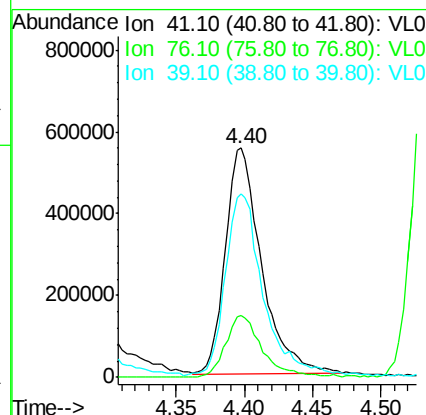
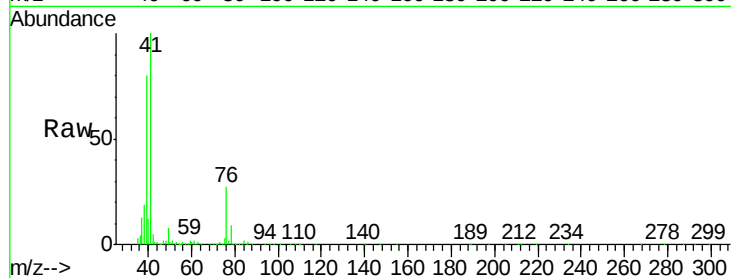
#21
Allvl Chloride
Concen: 9.581 ppbv
RT: 4.40 min Scan# 501
Delta R.T. -0.02 min
Lab File: VL036450.D
Acq: 19 Mar 2021 16:25

Instrument :
MSVOA_L
ClientSampleId :
VL0319ABS01

Tot Ion: 41 Resp: 1022066
Ion Ratio Lower Upper
41 100
76 27.7 21.8 32.8
39 85.2 66.0 99.0

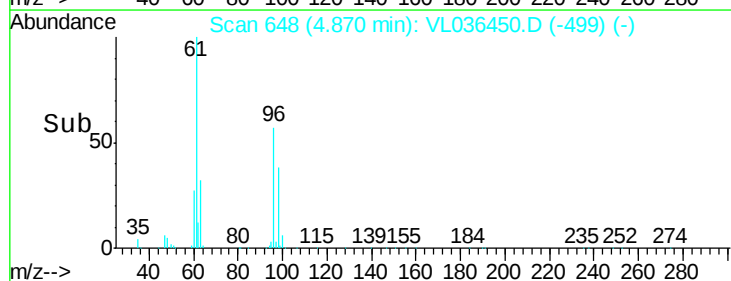
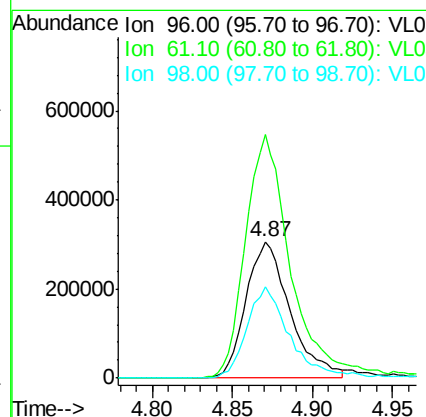
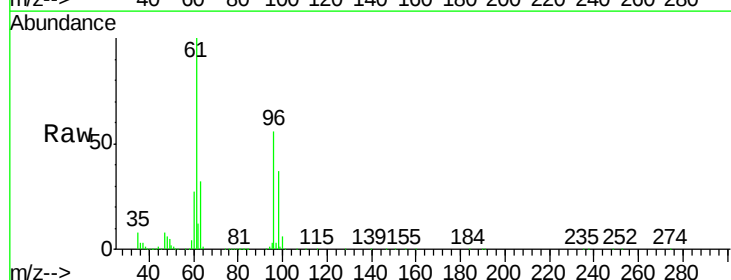
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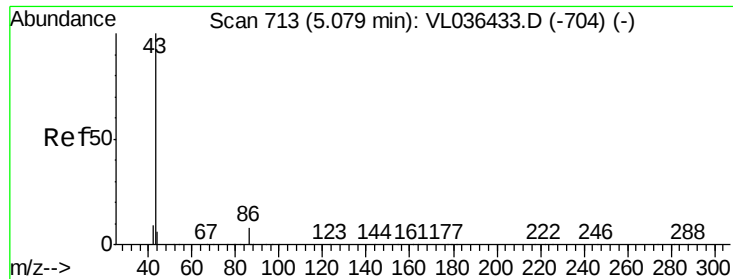
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#22
trans-1,2-Dichloroethene
Concen: 9.506 ppbv
RT: 4.87 min Scan# 648
Delta R.T. -0.02 min
Lab File: VL036450.D
Acq: 19 Mar 2021 16:25

Tgt Ion: 96 Resp: 576851
Ion Ratio Lower Upper
96 100
61 178.8 142.1 213.1
98 67.0 50.6 75.8





#23

Vinyl Acetate

Concen: 9.887 ppbv

RT: 5.06 min Scan# 707

Delta R.T. -0.02 min

Lab File: VL036450.D

Acq: 19 Mar 2021 16:25

Instrument :

MSVOA_L

ClientSampleId :

VL0319ABS01

Tot Ion: 43 Resp: 2116979

Ion Ratio Lower Upper

43 100

86 6.7 5.2 7.8

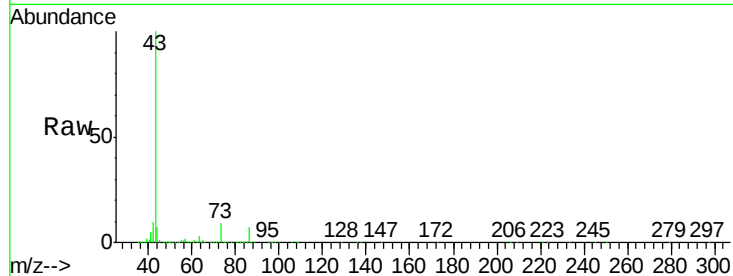
42 9.6 8.3 12.5

44 5.8 4.4 6.6

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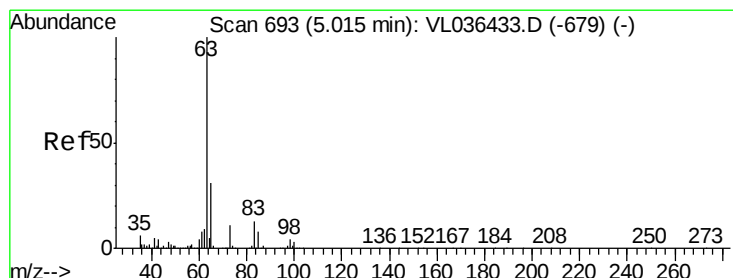
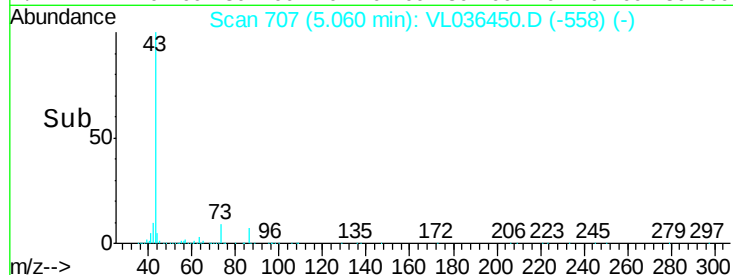
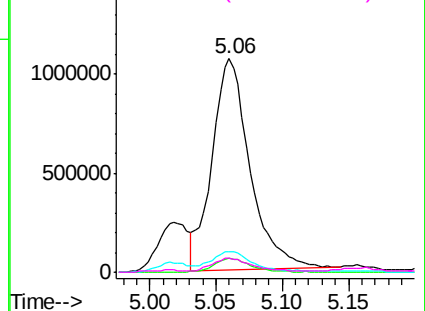


Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 86.10 (85.80 to 86.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

Ion 44.10 (43.80 to 44.80): VL0



#24

1,1-Dichloroethane

Concen: 9.591 ppbv

RT: 5.00 min Scan# 687

Delta R.T. -0.02 min

Lab File: VL036450.D

Acq: 19 Mar 2021 16:25

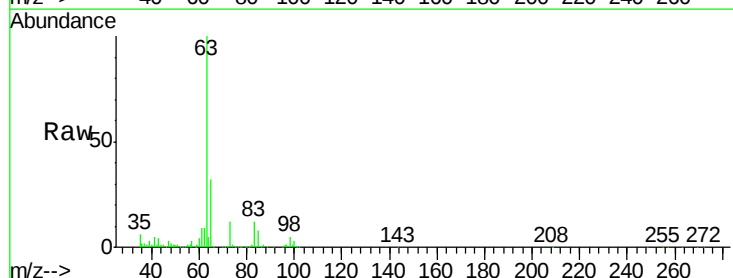
Tgt Ion: 63 Resp: 1620762

Ion Ratio Lower Upper

63 100

98 4.5 2.0 5.8

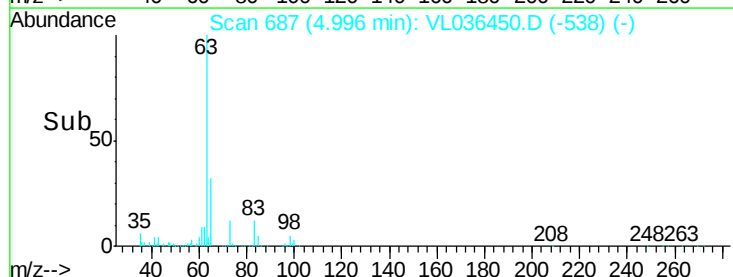
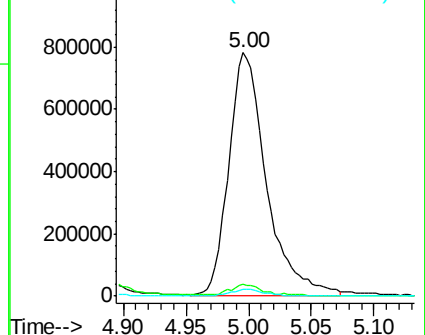
100 2.9 1.3 3.8

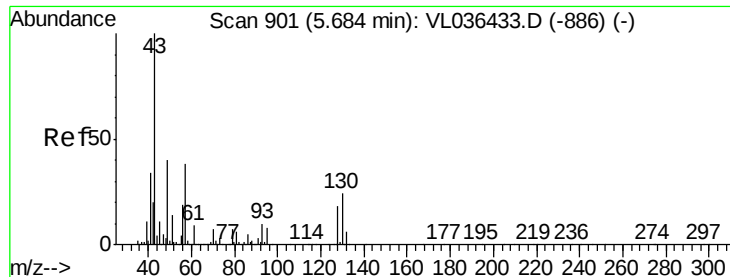


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

Ion 100.00 (99.70 to 100.70): VL0





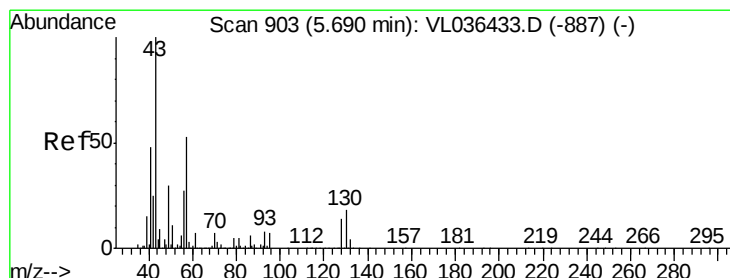
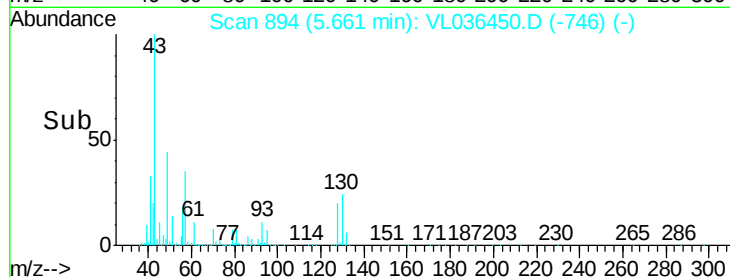
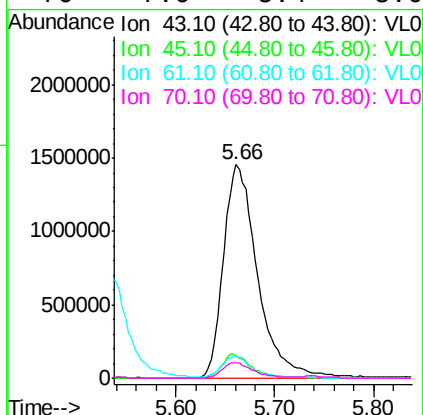
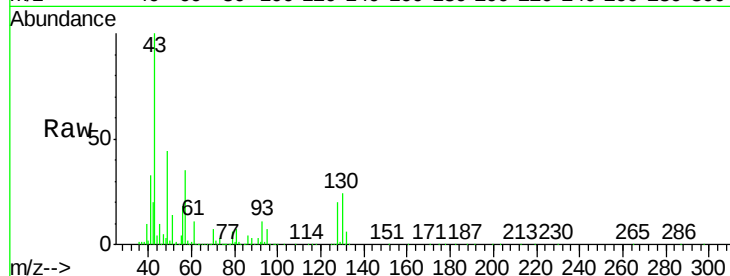
#25
Ethyl Acetate
Concen: 9.549 ppbv
RT: 5.66 min Scan# 894
Delta R.T. -0.02 min
Lab File: VL036450.D
Acq: 19 Mar 2021 16:25

Instrument :
MSVOA_L
ClientSampleId :
VL0319ABS01

Tot Ion	43	Resp	3512600
Ion	Ratio	Lower	Upper
43	100		
45	10.3	8.0	12.0
61	9.8	7.7	11.5
70	7.0	5.4	8.0

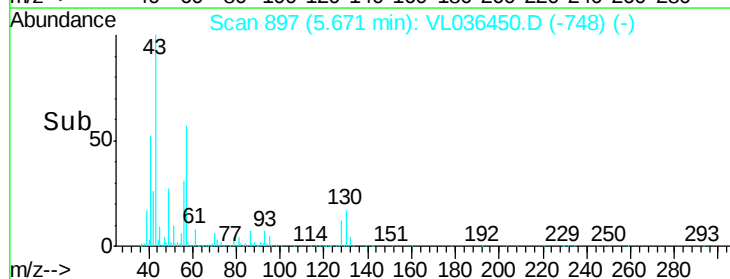
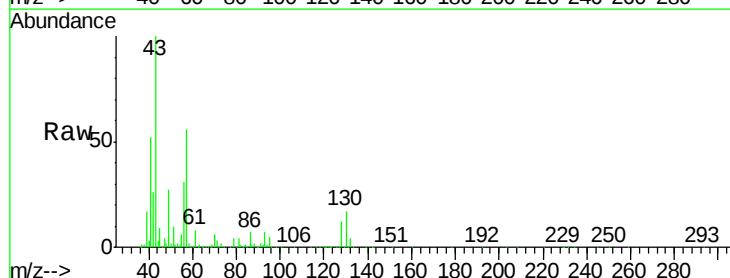
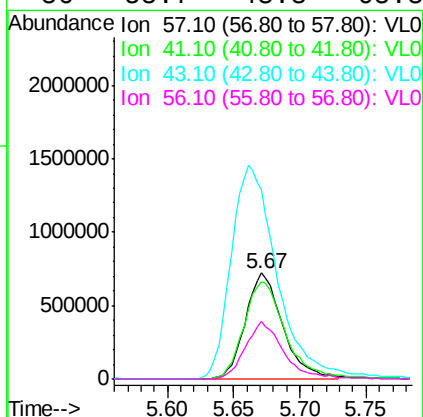
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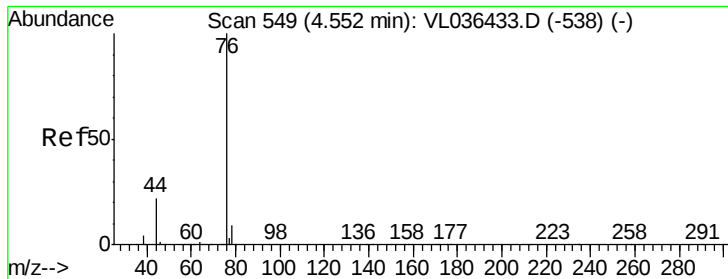
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#26
Hexane
Concen: 9.443 ppbv
RT: 5.67 min Scan# 897
Delta R.T. -0.02 min
Lab File: VL036450.D
Acq: 19 Mar 2021 16:25

Tgt Ion	57	Resp	1421335
Ion	Ratio	Lower	Upper
57	100		
41	102.3	80.4	120.6
43	248.8	199.8	299.6
56	55.7	43.8	65.8





#27

Carbon Disulfide

Concen: 10.416 ppbv

RT: 4.54 min Scan# 544

Delta R.T. -0.02 min

Lab File: VL036450.D

Acq: 19 Mar 2021 16:25

Instrument :

MSVOA_L

ClientSampleId :

VL0319ABS01

Tot Ion: 76 Resp: 1555982

Ion Ratio Lower Upper

76 100

44 21.9 17.4 26.0

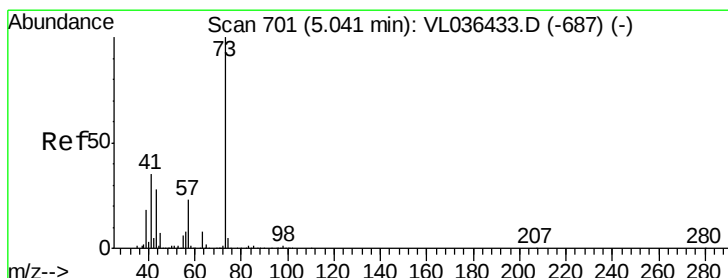
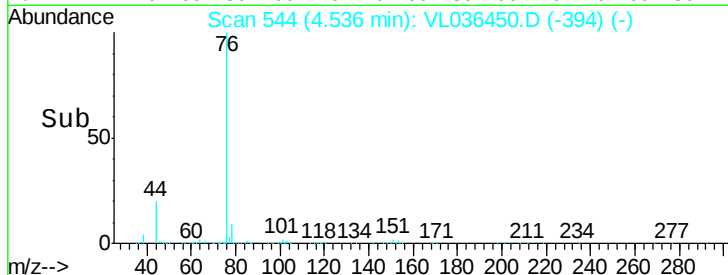
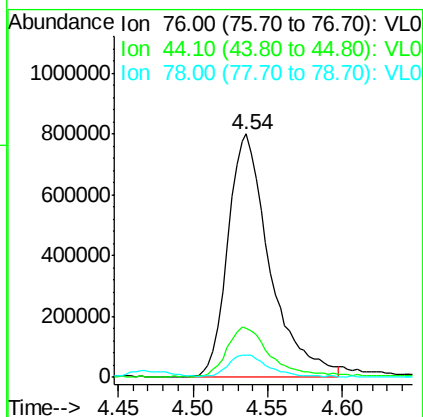
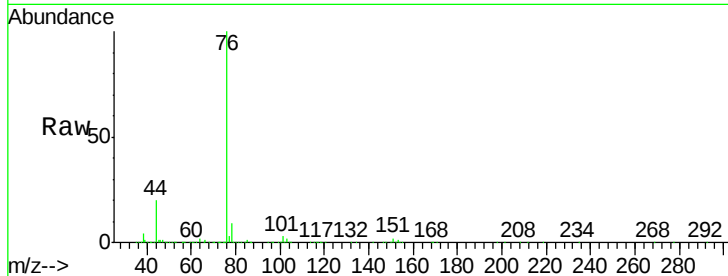
78 9.5 7.4 11.0

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3/24/2021 6:14:41 PM



#28

Methyl tert-Butyl Ether

Concen: 9.549 ppbv

RT: 5.02 min Scan# 694

Delta R.T. -0.02 min

Lab File: VL036450.D

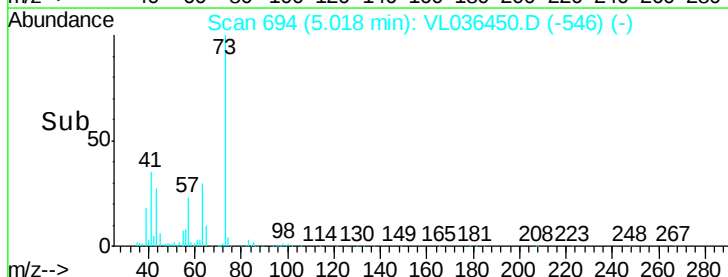
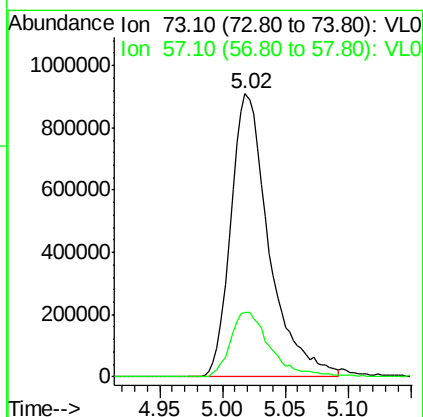
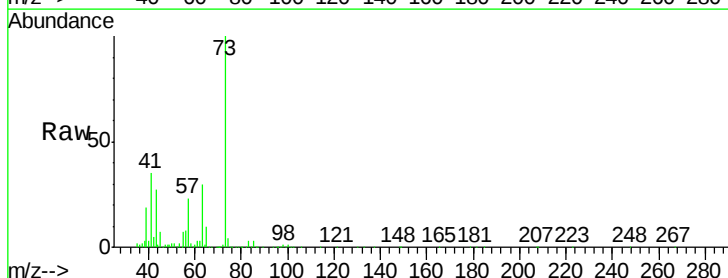
Acq: 19 Mar 2021 16:25

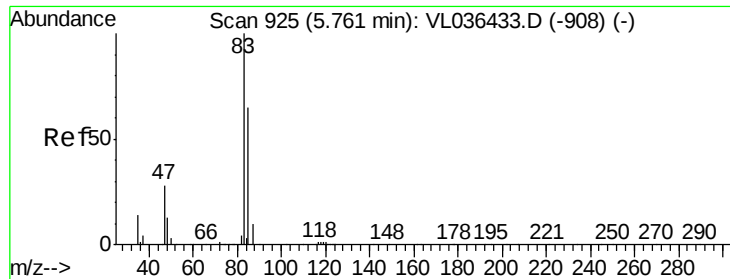
Tgt Ion: 73 Resp: 1926007

Ion Ratio Lower Upper

73 100

57 24.1 19.0 28.6





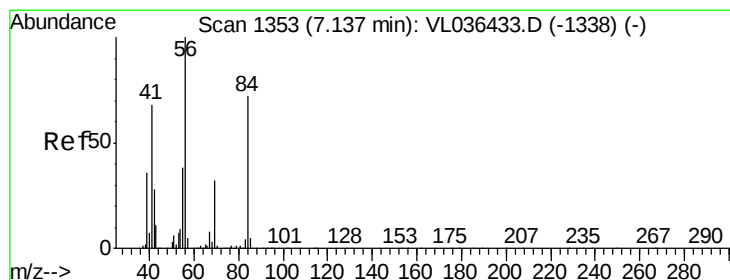
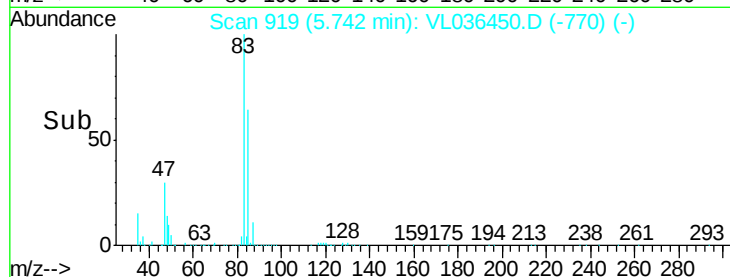
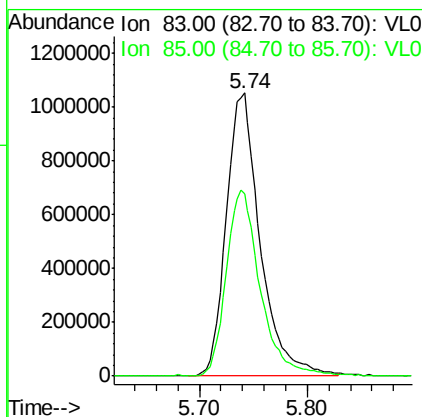
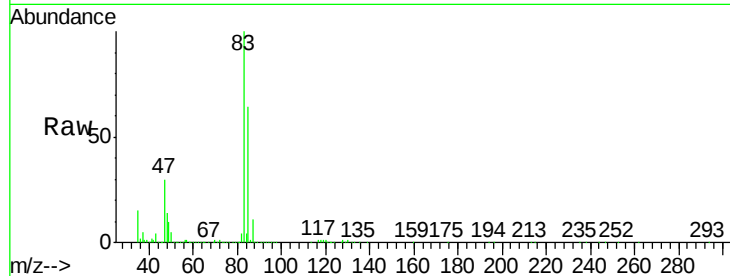
#29
Chloroform
Concen: 9.393 ppbv
RT: 5.74 min Scan# 919
Delta R.T. -0.02 min
Lab File: VL036450.D
Acq: 19 Mar 2021 16:25

Instrument :
MSVOA_L
ClientSampleId :
VL0319ABS01

Tot Ion: 83 Resp: 2312960
Ion Ratio Lower Upper
83 100
85 64.0 51.9 77.9

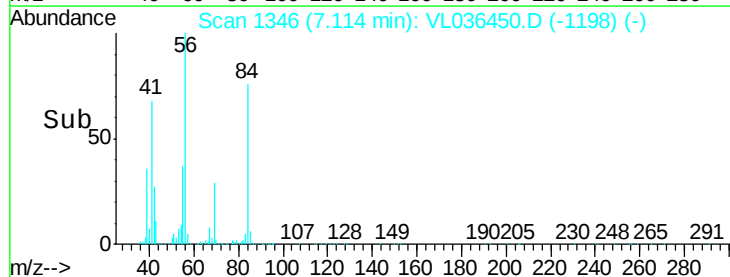
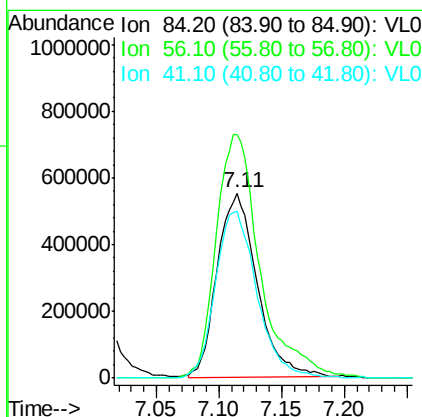
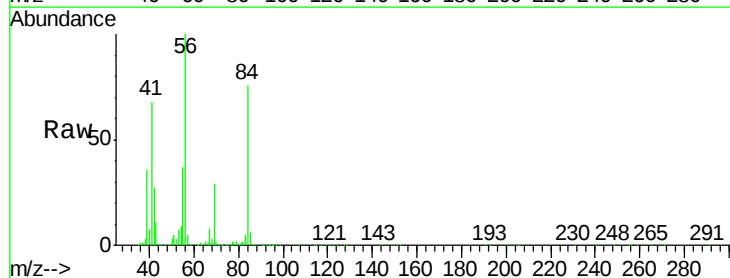
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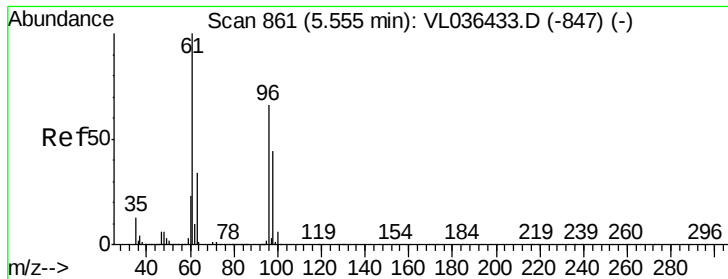
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#30
Cyclohexane
Concen: 9.725 ppbv
RT: 7.11 min Scan# 1346
Delta R.T. -0.02 min
Lab File: VL036450.D
Acq: 19 Mar 2021 16:25

Tgt Ion: 84 Resp: 1209503
Ion Ratio Lower Upper
84 100
56 147.3 117.6 176.4
41 95.5 75.9 113.9





#31

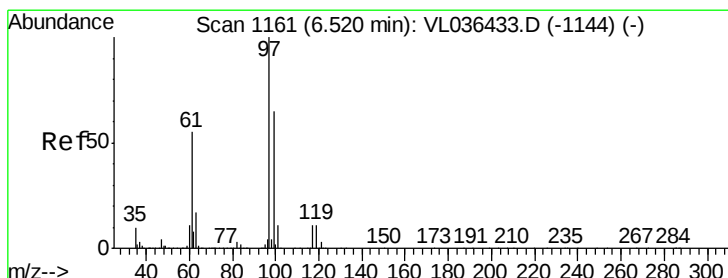
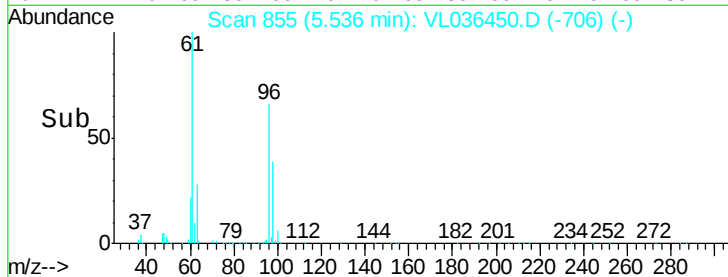
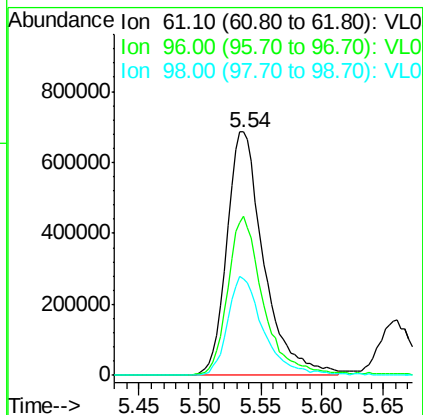
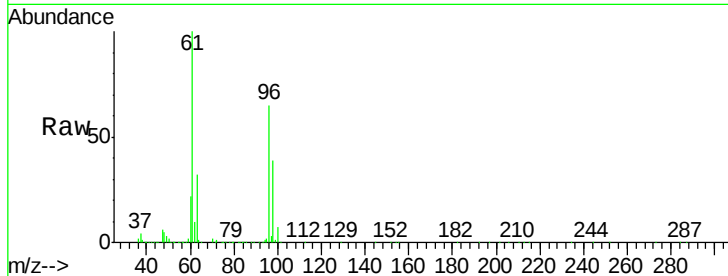
cis-1,2-Dichloroethene
Concen: 9.964 ppbv
RT: 5.54 min Scan# 855
Delta R.T. -0.02 min
Lab File: VL036450.D
Acq: 19 Mar 2021 16:25

Instrument :
MSVOA_L
ClientSampleId :
VL0319ABS01

Tot Ion	Ratio	Lower	Upper
61	100		
96	65.5	52.9	79.3
98	39.5	34.9	52.3

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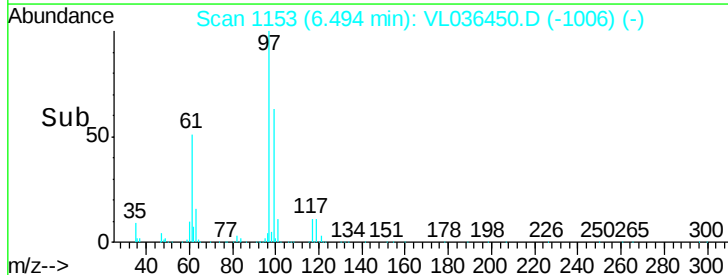
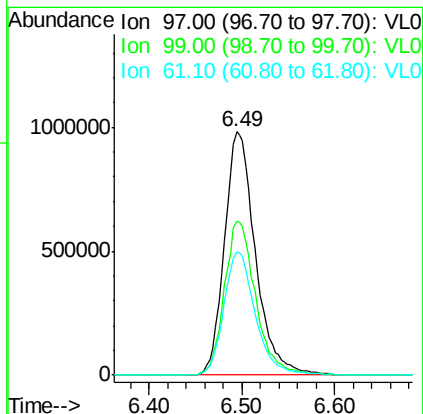
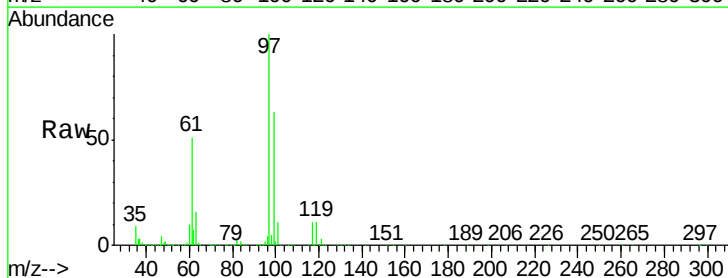
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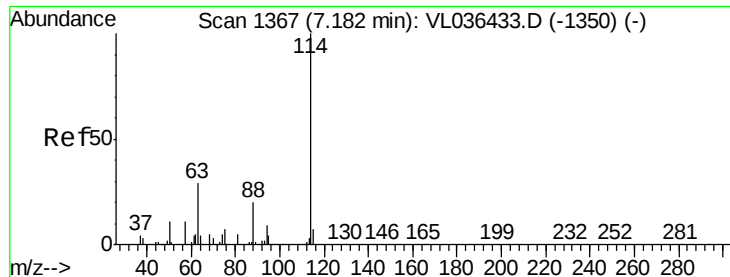


#32

1,1,1-Trichloroethane
Concen: 9.196 ppbv
RT: 6.49 min Scan# 1153
Delta R.T. -0.03 min
Lab File: VL036450.D
Acq: 19 Mar 2021 16:25

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	52.1	78.1
61	51.4	42.2	63.4





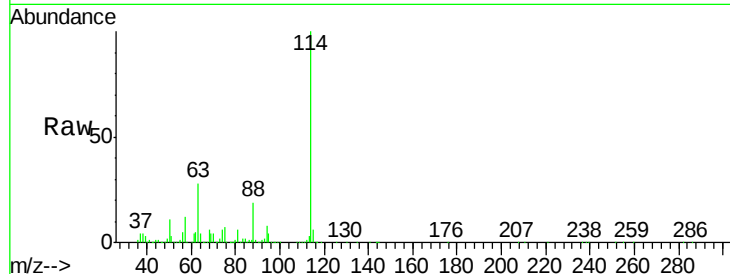
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16 min Scan# 1361
 Delta R.T. -0.02 min
 Lab File: VL036450.D
 Acq: 19 Mar 2021 16:25

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0319ABS01

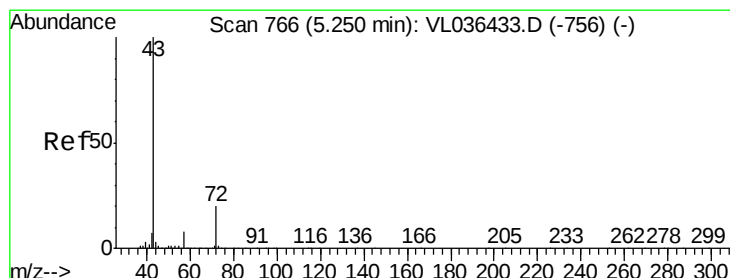
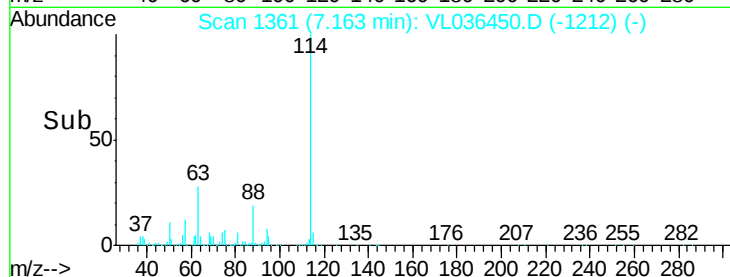
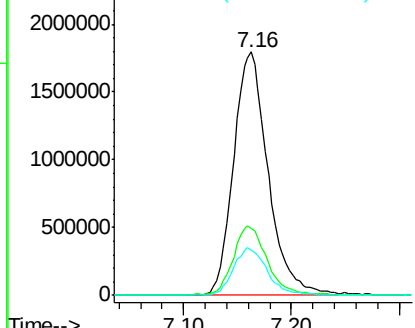
Tot Ion	Ratio	Lower	Upper
114	100		
63	28.5	23.3	34.9
88	19.5	15.6	23.4

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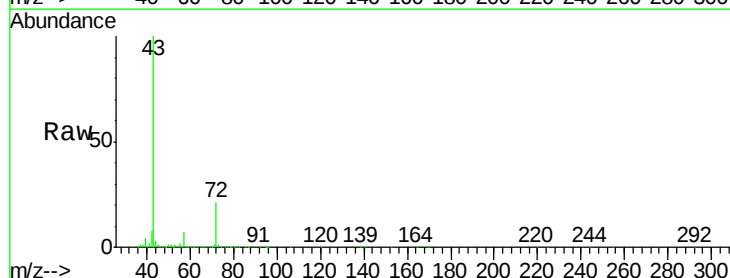


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

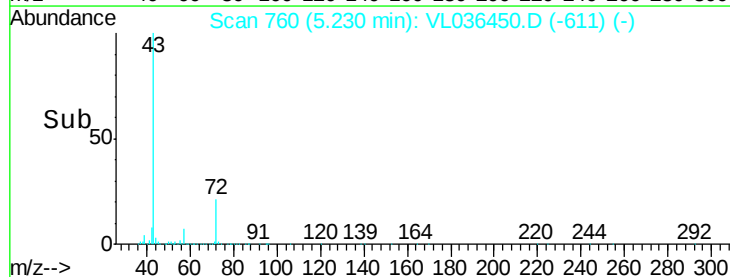
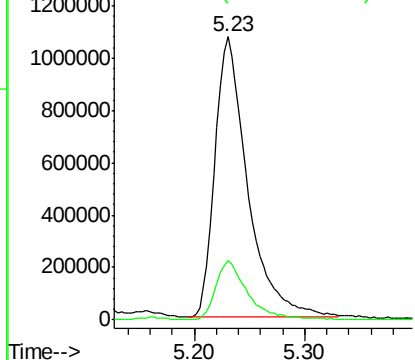


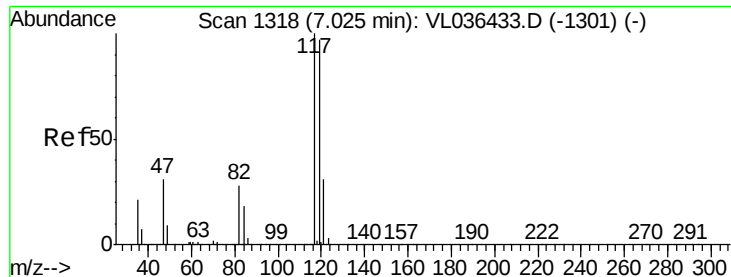
#34
 2-Butanone
 Concen: 9.142 ppbv
 RT: 5.23 min Scan# 760
 Delta R.T. -0.02 min
 Lab File: VL036450.D
 Acq: 19 Mar 2021 16:25

Tgt Ion	Ratio	Lower	Upper
43	100		
72	20.9	16.7	25.1



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





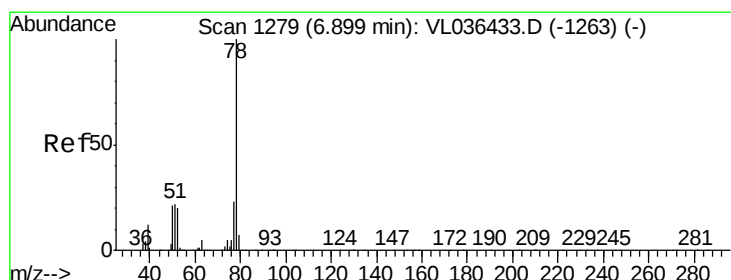
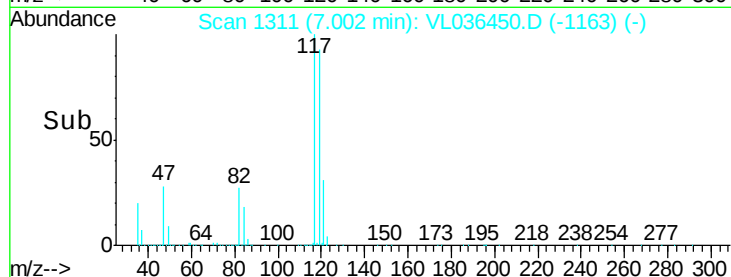
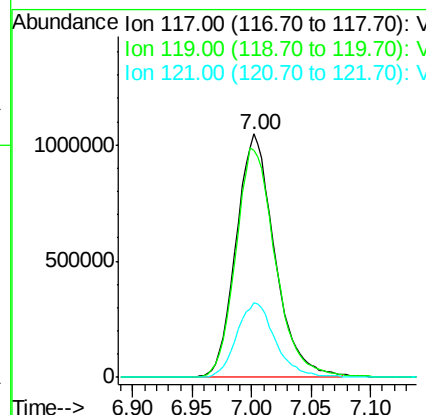
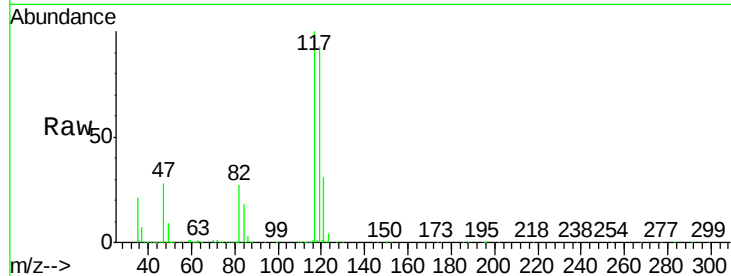
#35
Carbon Tetrachloride
Concen: 9.120 ppbv
RT: 7.00 min Scan# 1311
Delta R.T. -0.02 min
Lab File: VL036450.D
Acq: 19 Mar 2021 16:25

Instrument :
MSVOA_L
ClientSampleId :
VL0319ABS01

Tot Ion	Ratio	Lower	Upper
117	100		
119	93.4	77.8	116.6
121	30.7	24.6	36.8

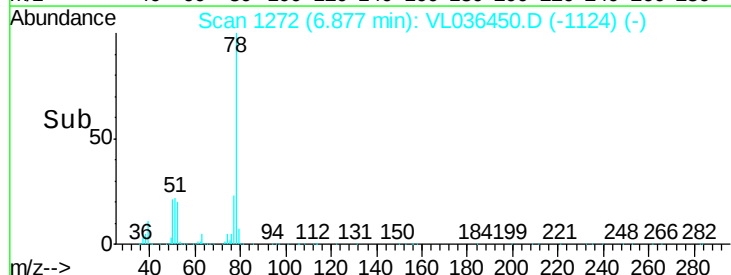
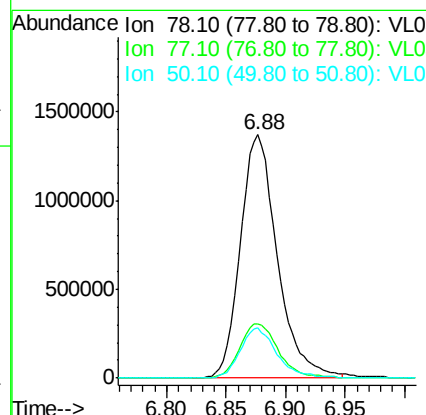
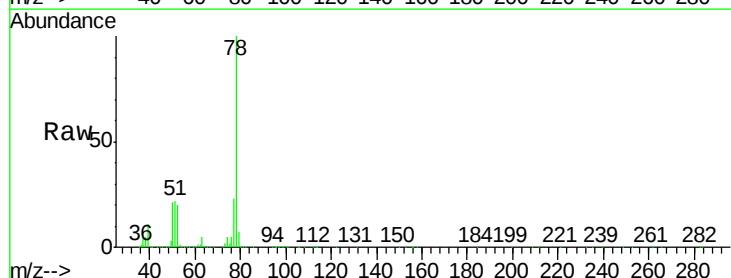
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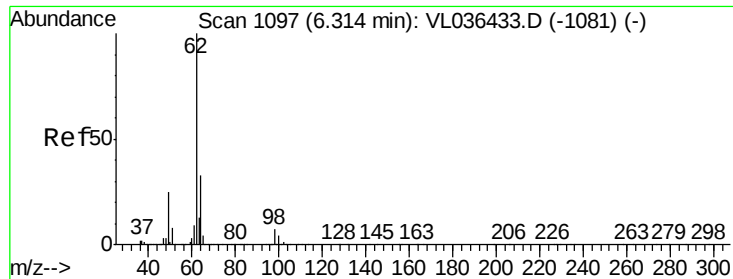
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3/24/2021 6:14:41 PM



#36
Benzene
Concen: 9.537 ppbv
RT: 6.88 min Scan# 1272
Delta R.T. -0.02 min
Lab File: VL036450.D
Acq: 19 Mar 2021 16:25

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.5	18.1	27.1
50	20.9	16.8	25.2





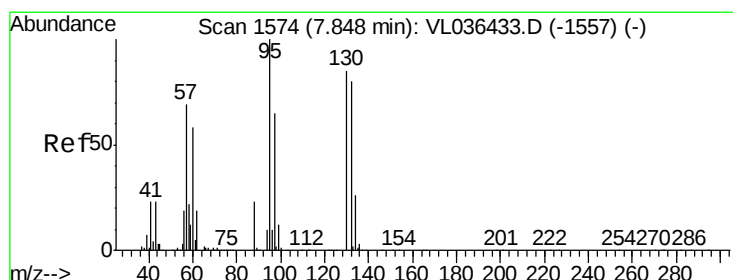
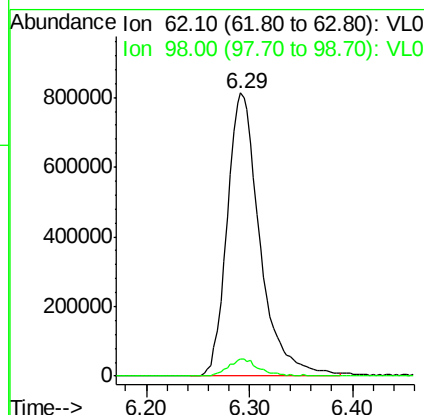
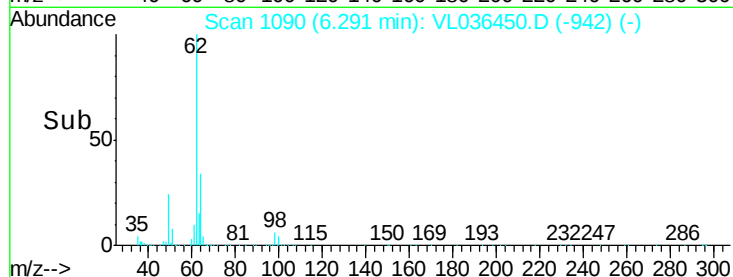
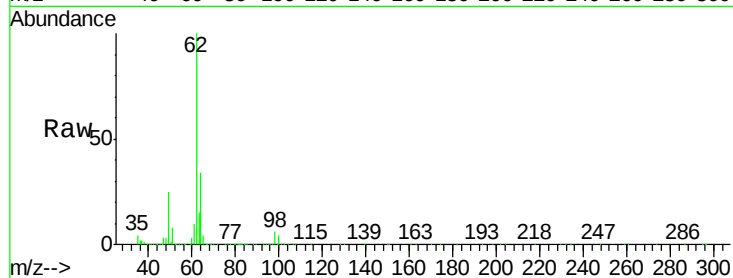
#37
1,2-Dichloroethane
Concen: 9.222 ppbv
RT: 6.29 min Scan# 1090
Delta R.T. -0.02 min
Lab File: VL036450.D
Acq: 19 Mar 2021 16:25

Instrument :
MSVOA_L
ClientSampleId :
VL0319ABS01

Tot Ion: 62 Resp: 1797553
Ion Ratio Lower Upper
62 100
98 6.0 4.8 7.2

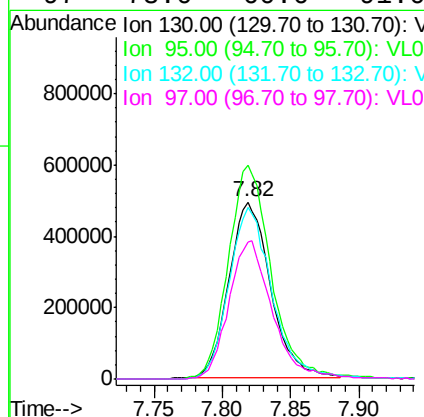
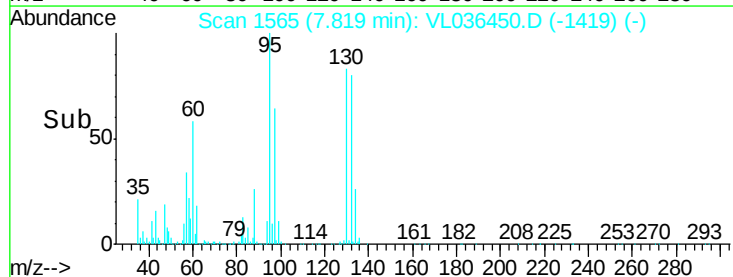
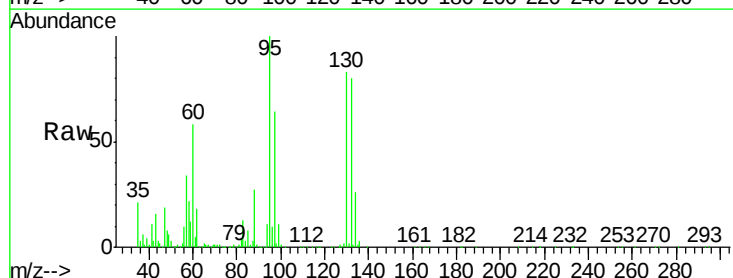
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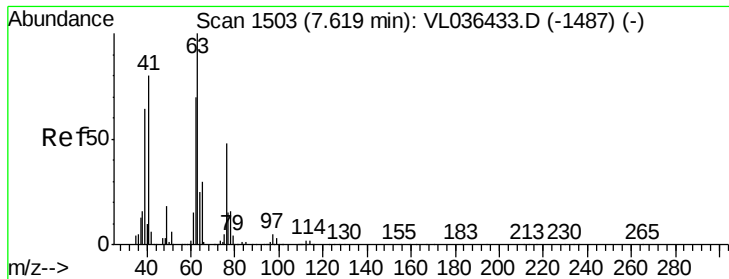
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#38
Trichloroethene
Concen: 8.902 ppbv
RT: 7.82 min Scan# 1565
Delta R.T. -0.03 min
Lab File: VL036450.D
Acq: 19 Mar 2021 16:25

Tgt Ion:130 Resp: 1043536
Ion Ratio Lower Upper
130 100
95 120.5 93.8 140.8
132 97.3 74.6 112.0
97 78.0 60.6 91.0





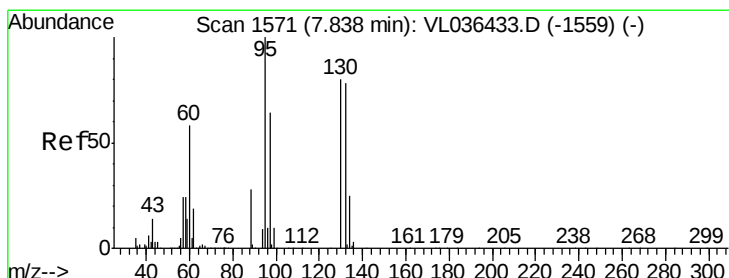
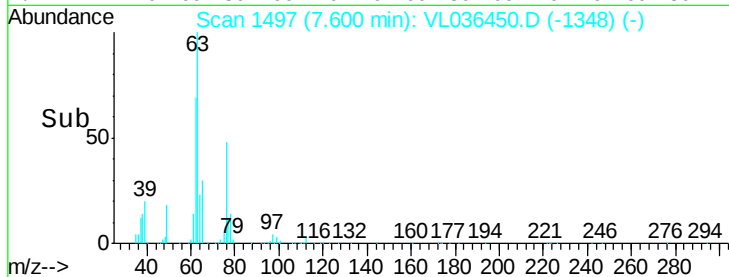
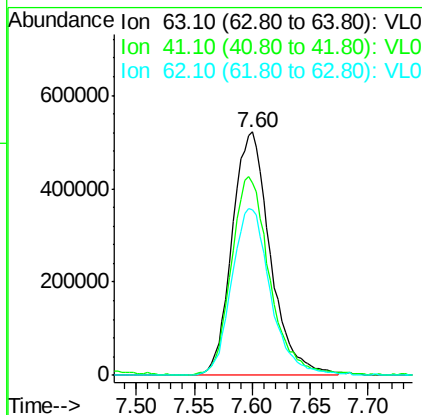
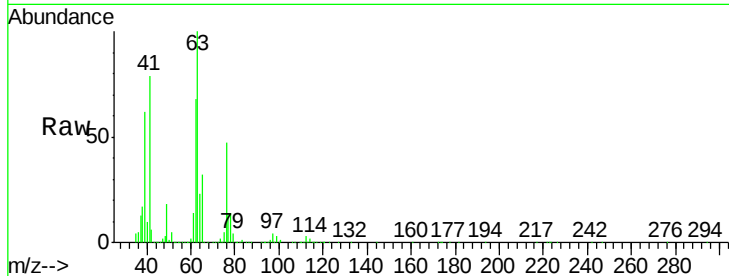
#39
 1,2-Dichloropropane
 Concen: 8.996 ppbv
 RT: 7.60 min Scan# 1497
 Delta R.T. -0.02 min
 Lab File: VL036450.D
 Acq: 19 Mar 2021 16:25

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0319ABS01

Tot Ion	Ratio	Lower	Upper
63	100		
41	78.9	64.4	96.6
62	68.2	55.7	83.5

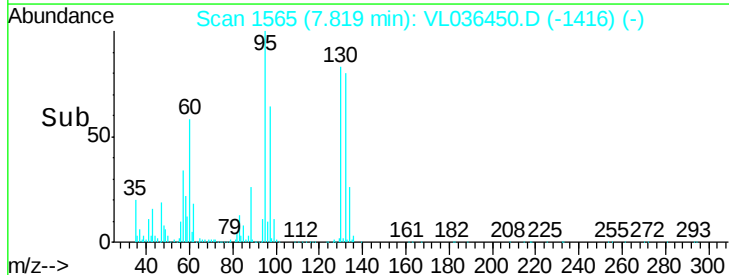
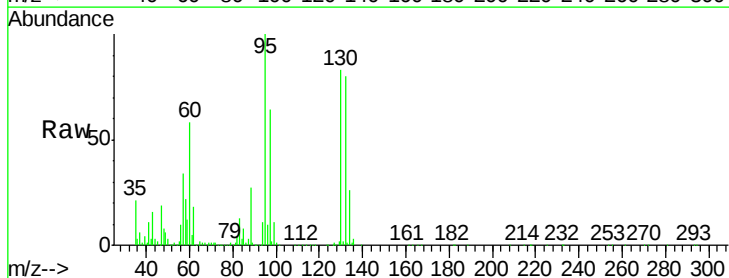
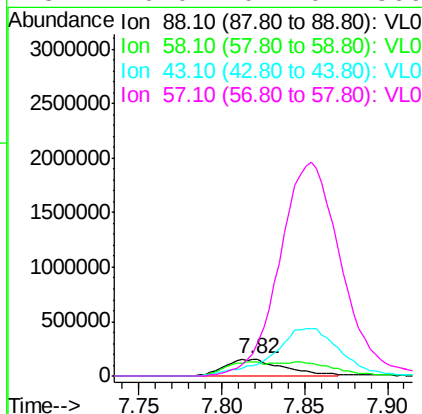
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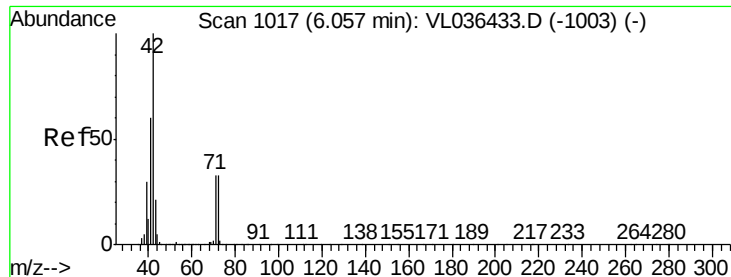
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#40
 1,4-Dioxane
 Concen: 8.709 ppbv
 RT: 7.82 min Scan# 1565
 Delta R.T. -0.02 min
 Lab File: VL036450.D
 Acq: 19 Mar 2021 16:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	151.3	119.6	179.4
43	0.0	254.2	381.4#
57	0.0	1044.0	1566.0#





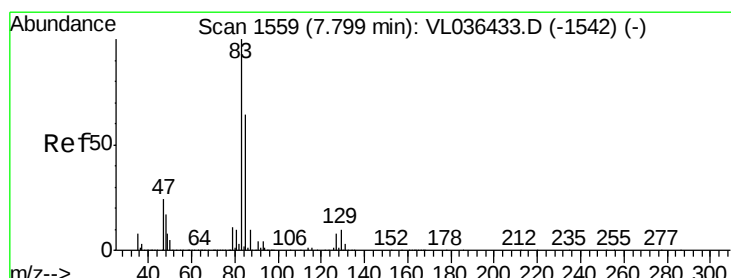
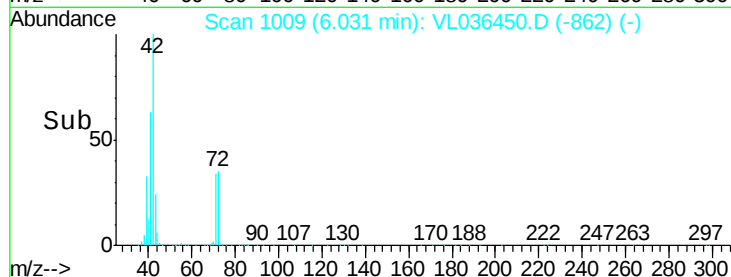
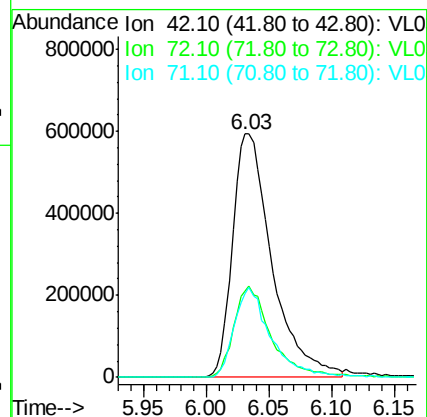
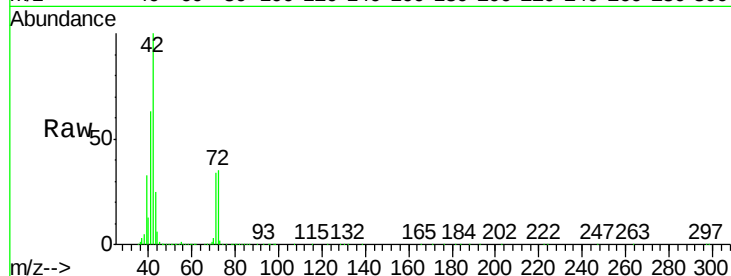
#41
Tetrahydrofuran
Concen: 9.650 ppbv
RT: 6.03 min Scan# 1009
Delta R.T. -0.03 min
Lab File: VL036450.D
Acq: 19 Mar 2021 16:25

Instrument :
MSVOA_L
ClientSampleId :
VL0319ABS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	36.0	28.1	42.1
71	34.8	27.6	41.4

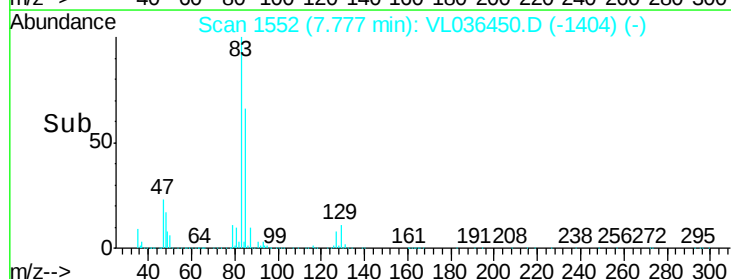
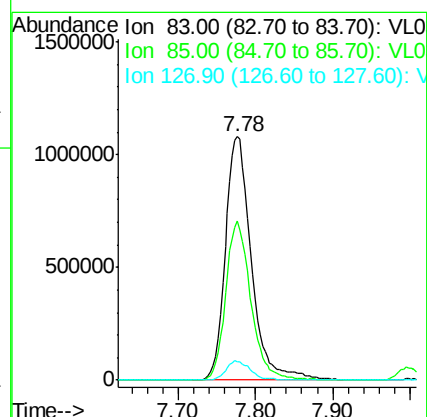
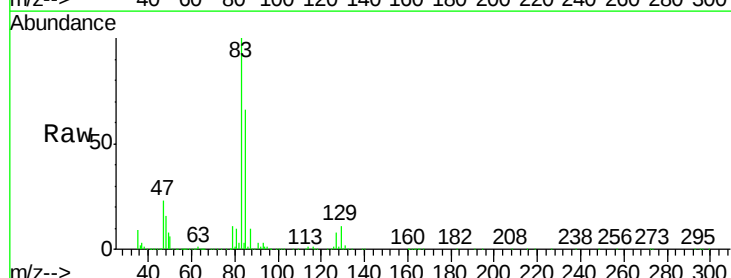
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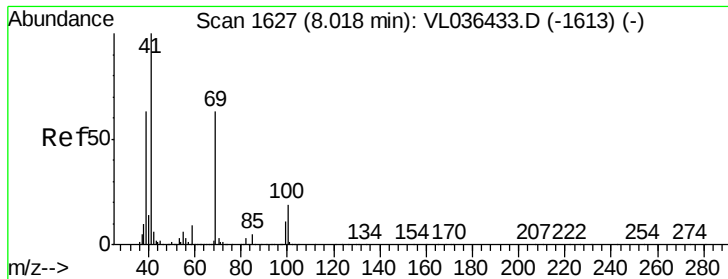
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#42
Bromodichloromethane
Concen: 9.590 ppbv
RT: 7.78 min Scan# 1552
Delta R.T. -0.02 min
Lab File: VL036450.D
Acq: 19 Mar 2021 16:25

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.5	51.2	76.8
127	7.6	6.0	9.0





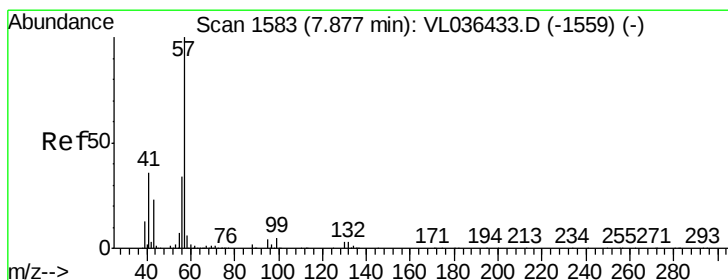
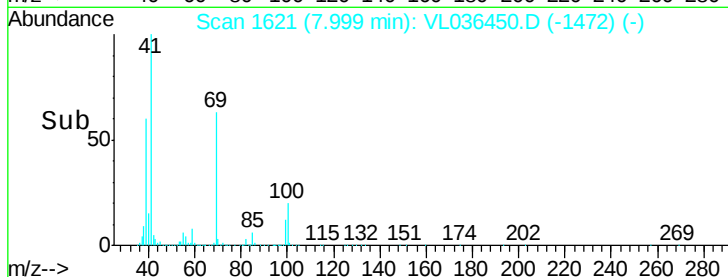
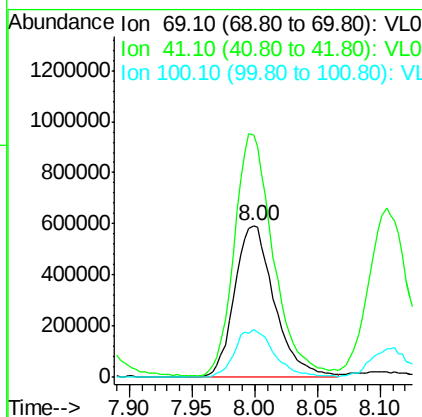
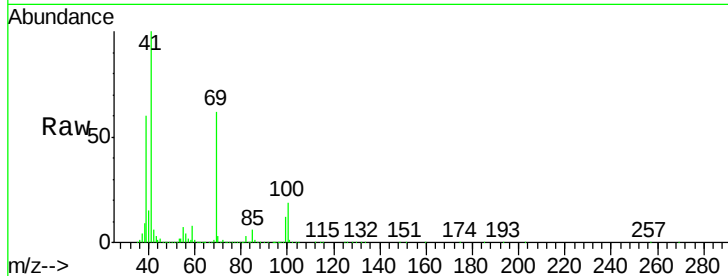
#43
Methvl Methacrylate
Concen: 10.423 ppbv
RT: 8.00 min Scan# 1621
Delta R.T. -0.02 min
Lab File: VL036450.D
Acq: 19 Mar 2021 16:25

Instrument :
MSVOA_L
ClientSampleId :
VL0319ABS01

Tot Ion: 69 Resp: 1309371
Ion Ratio Lower Upper
69 100
41 157.4 127.6 191.4
100 31.3 24.6 37.0

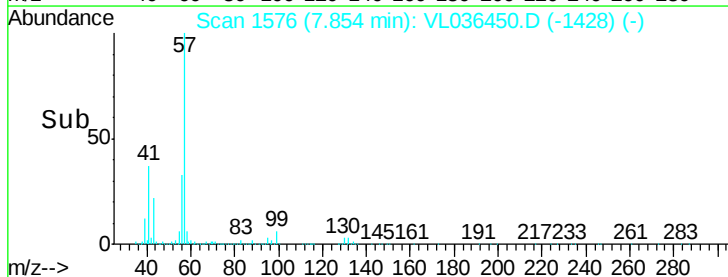
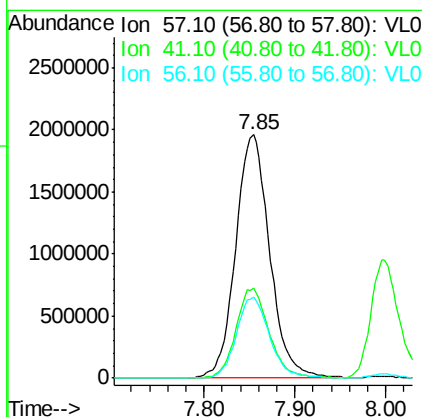
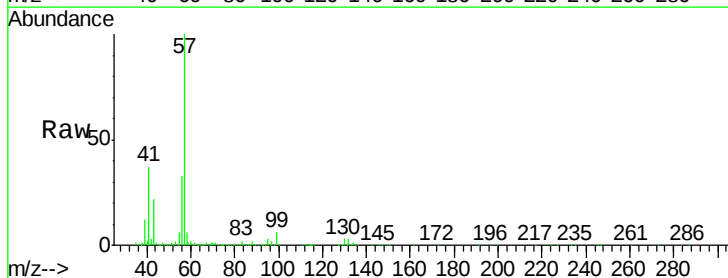
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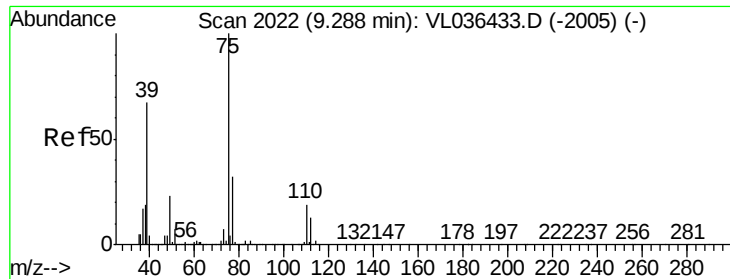
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3/24/2021 6:14:41 PM



#44
2,2,4-Trimethylpentane
Concen: 9.016 ppbv
RT: 7.85 min Scan# 1576
Delta R.T. -0.02 min
Lab File: VL036450.D
Acq: 19 Mar 2021 16:25

Tgt Ion: 57 Resp: 5099513
Ion Ratio Lower Upper
57 100
41 35.9 28.2 42.2
56 32.4 25.9 38.9





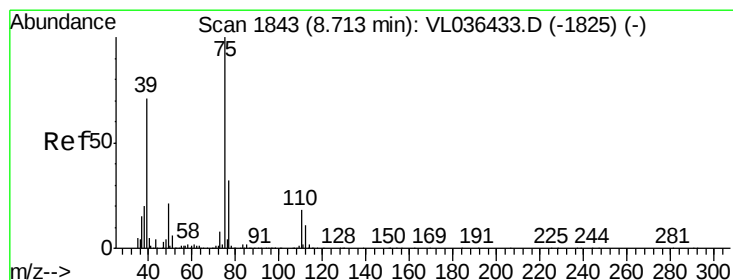
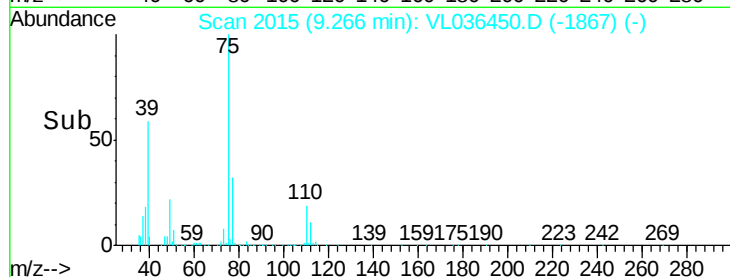
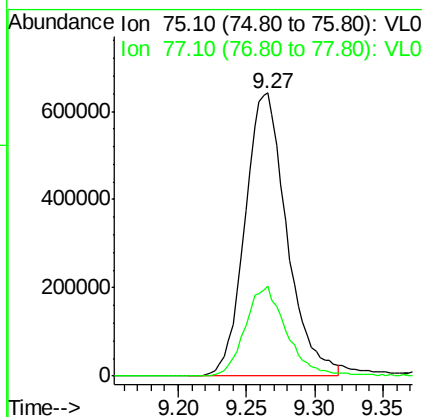
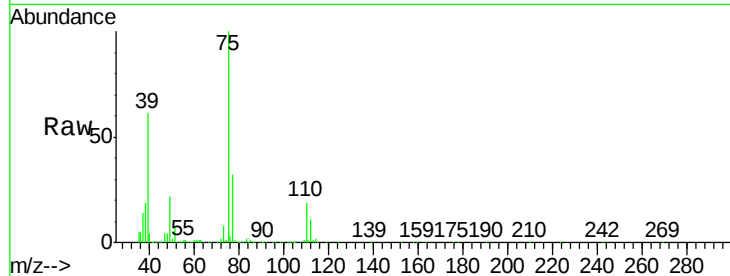
#45
t-1,3-Dichloropropene
Concen: 11.157 ppbv
RT: 9.27 min Scan# 2015
Delta R.T. -0.02 min
Lab File: VL036450.D
Acq: 19 Mar 2021 16:25

Instrument :
MSVOA_L
ClientSampleId :
VL0319ABS01

Tot Ion: 75 Resp: 1364100
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.2

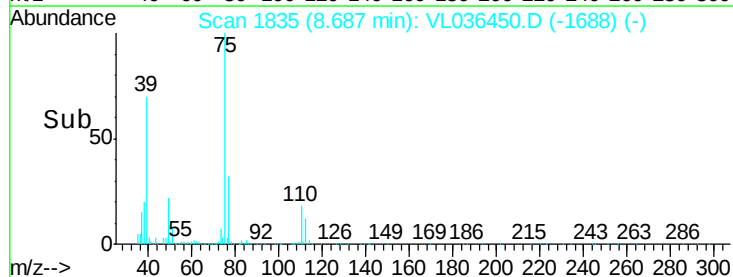
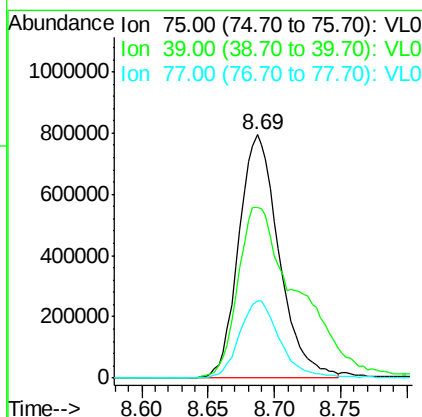
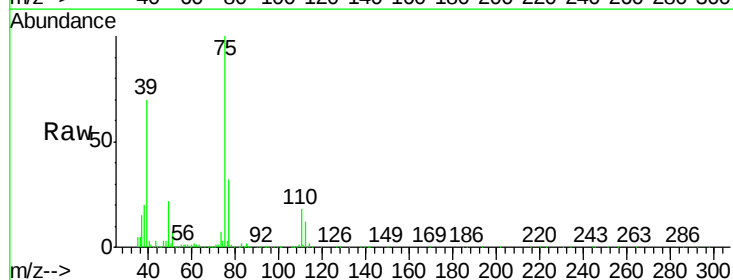
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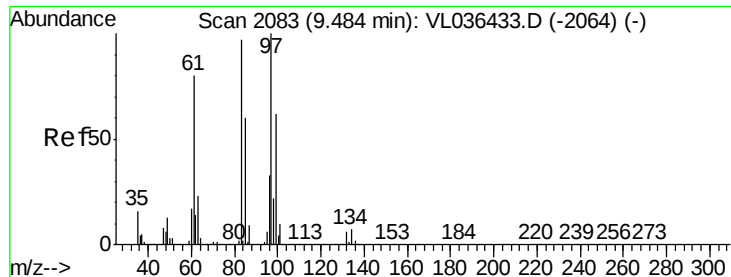
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#46
cis-1,3-Dichloropropene
Concen: 10.517 ppbv
RT: 8.69 min Scan# 1835
Delta R.T. -0.03 min
Lab File: VL036450.D
Acq: 19 Mar 2021 16:25

Tgt Ion: 75 Resp: 1678720
Ion Ratio Lower Upper
75 100
39 70.1 57.1 85.7
77 31.8 25.3 37.9





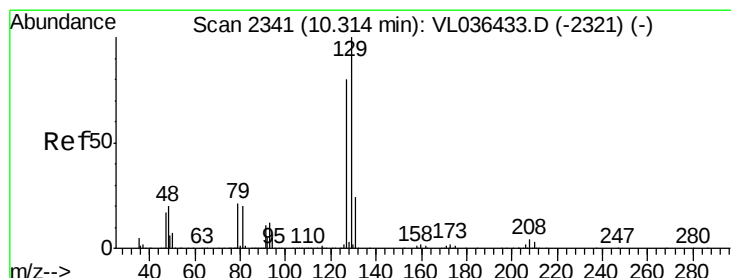
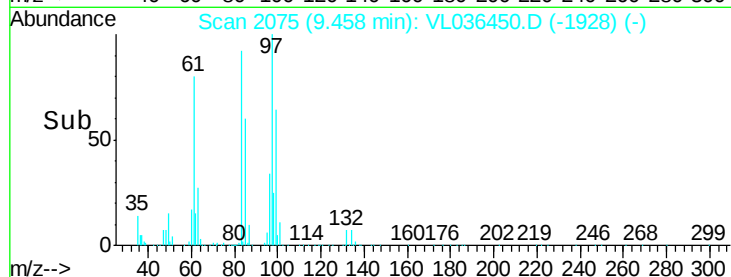
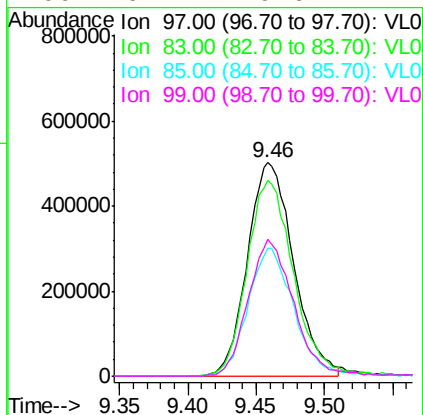
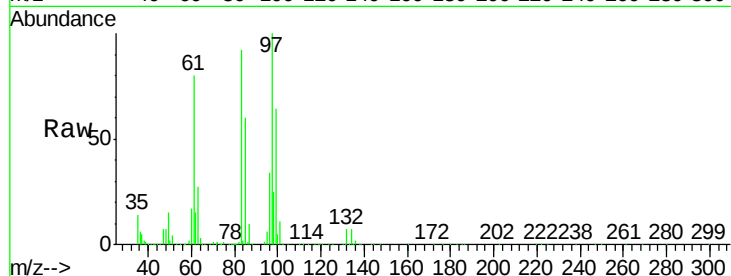
#47
 1,1,2-Trichloroethane
 Concen: 8.976 ppbv
 RT: 9.46 min Scan# 2075
 Delta R.T. -0.03 min
 Lab File: VL036450.D
 Acq: 19 Mar 2021 16:25

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0319ABS01

Tot Ion	Ratio	Lower	Upper
97	100		
83	91.6	77.8	116.8
85	59.8	47.6	71.4
99	64.2	49.6	74.4

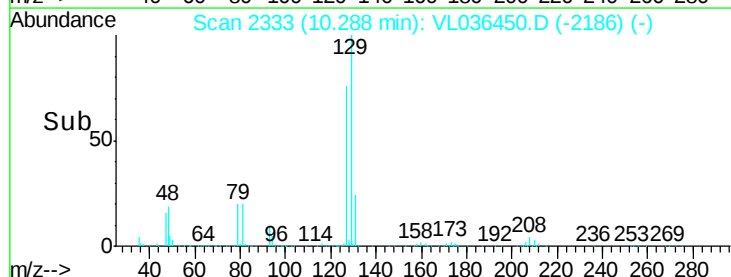
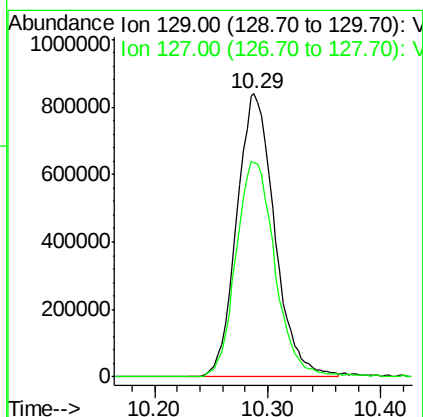
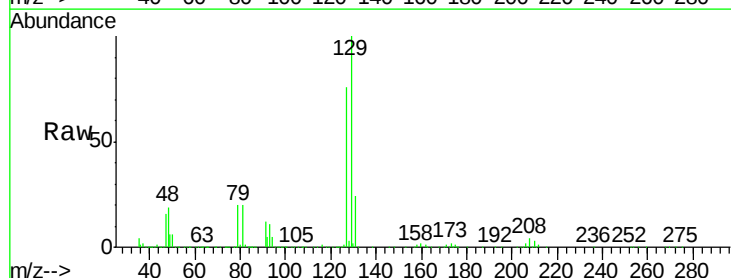
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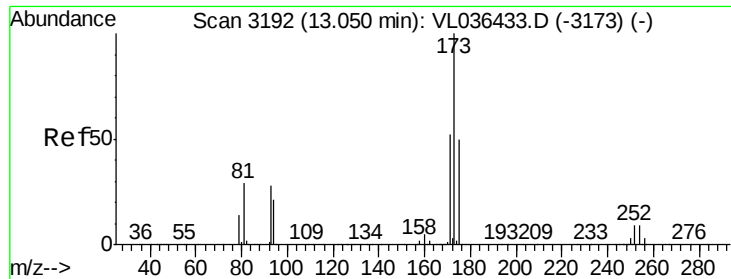
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#48
 Dibromochloromethane
 Concen: 9.823 ppbv
 RT: 10.29 min Scan# 2333
 Delta R.T. -0.03 min
 Lab File: VL036450.D
 Acq: 19 Mar 2021 16:25

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.8	39.4	118.1





#49

Bromoform

Concen: 9.528 ppbv

RT: 13.03 min Scan# 3185

Delta R.T. -0.02 min

Lab File: VL036450.D

Acq: 19 Mar 2021 16:25

Instrument :

MSVOA_L

ClientSampleId :

VL0319ABS01

Tot Ion:173 Resp: 1551968

Ion Ratio Lower Upper

173 100

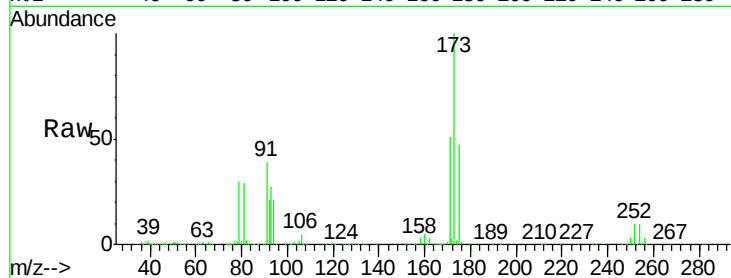
175 50.7 40.7 61.1

171 53.6 43.0 64.4

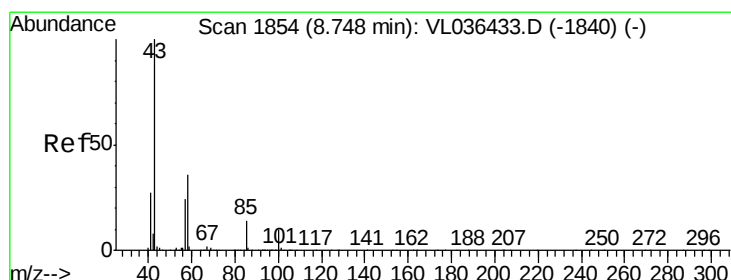
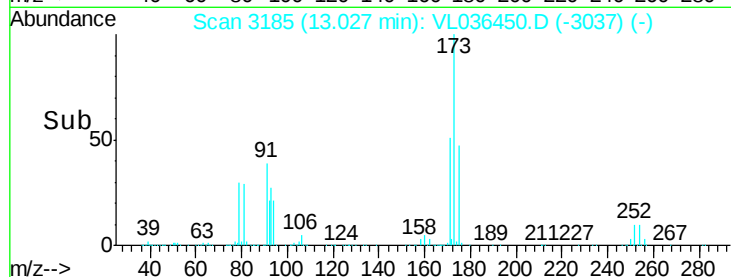
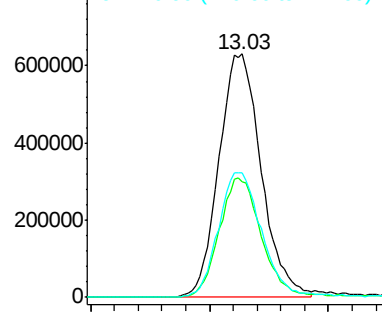
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Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 170.90 (170.60 to 171.60): V



#50

4-Methyl-2-Pentanone

Concen: 9.687 ppbv

RT: 8.73 min Scan# 1848

Delta R.T. -0.02 min

Lab File: VL036450.D

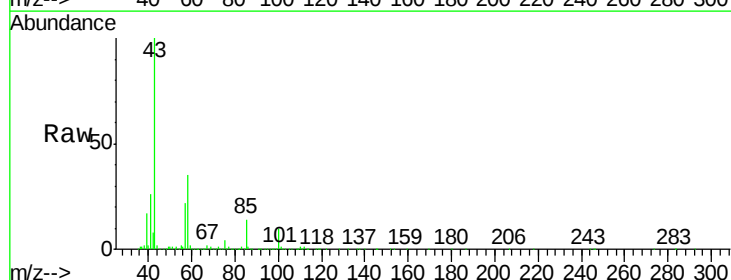
Acq: 19 Mar 2021 16:25

Tgt Ion: 43 Resp: 3398144

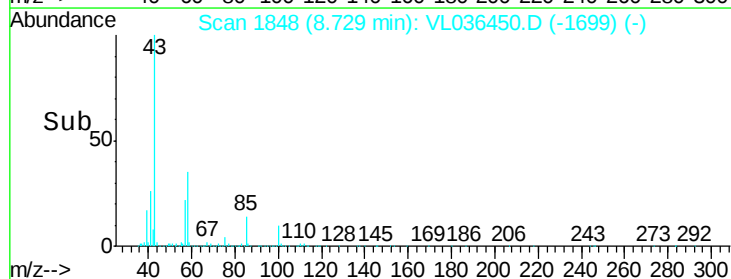
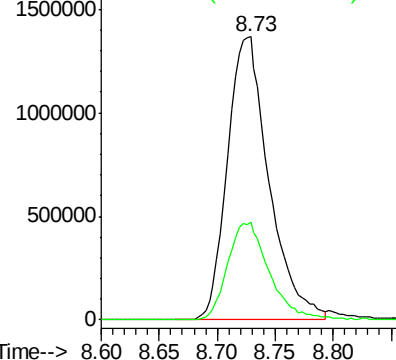
Ion Ratio Lower Upper

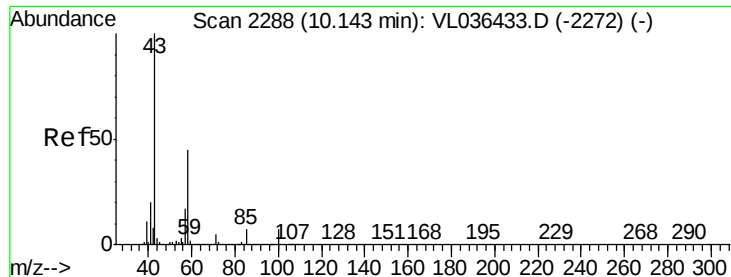
43 100

58 34.8 27.8 41.8



Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 58.10 (57.80 to 58.80): VL0





#51

2-Hexanone

Concen: 10.449 ppbv

RT: 10.12 min Scan# 2280

Delta R.T. -0.03 min

Lab File: VL036450.D

Acq: 19 Mar 2021 16:25

Instrument :

MSVOA_L

ClientSampleId :

VL0319ABS01

Tot Ion: 43 Resp: 2770987

Ion Ratio Lower Upper

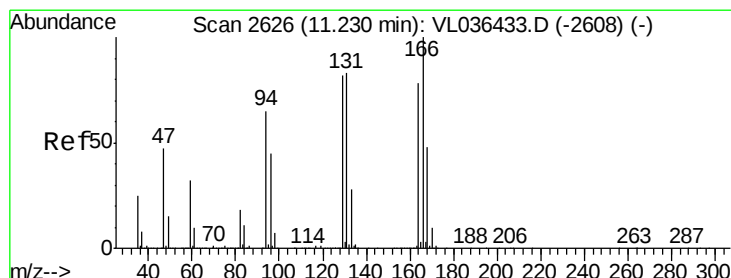
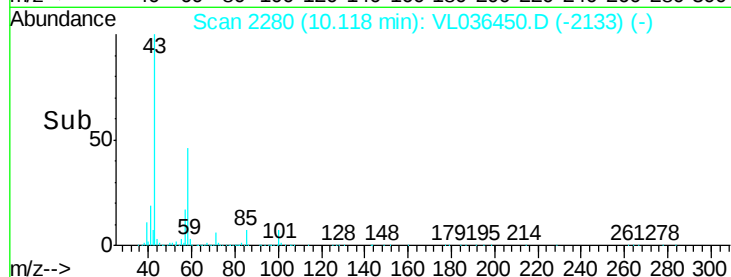
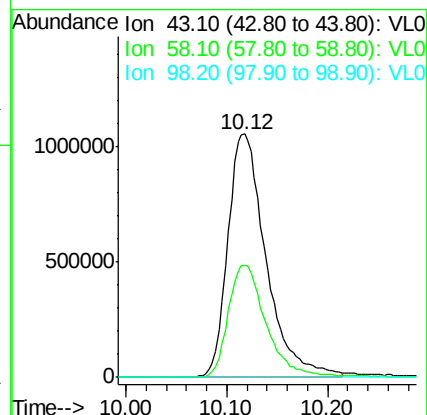
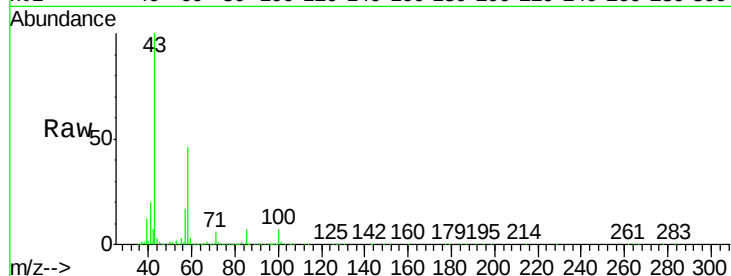
43 100

58 46.3 37.8 56.8

98 0.5 0.2 0.4#

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3/24/2021 6:14:41 PM



#52

Tetrachloroethene

Concen: 8.525 ppbv

RT: 11.21 min Scan# 2619

Delta R.T. -0.02 min

Lab File: VL036450.D

Acq: 19 Mar 2021 16:25

Tgt Ion: 164 Resp: 991655

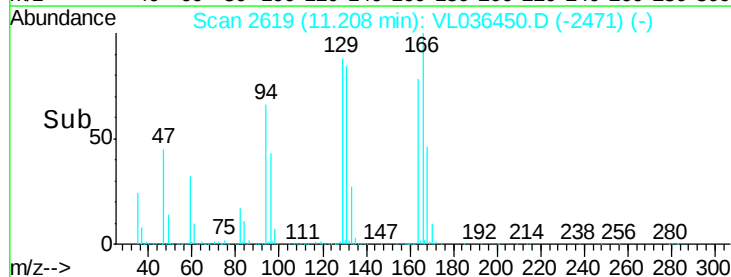
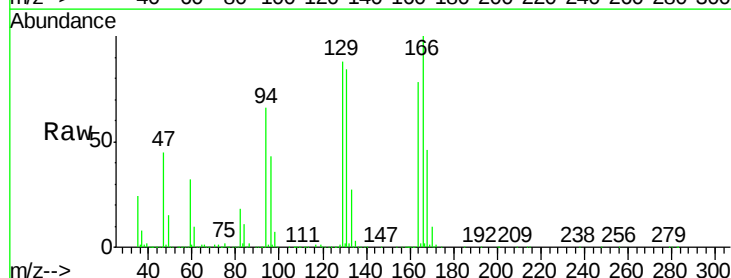
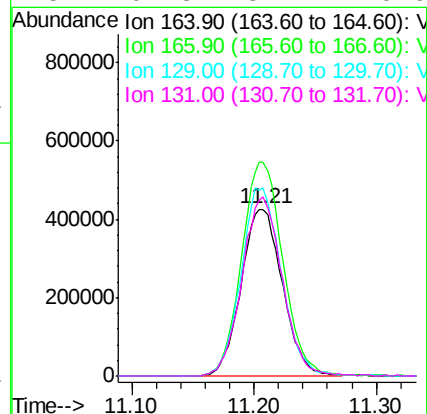
Ion Ratio Lower Upper

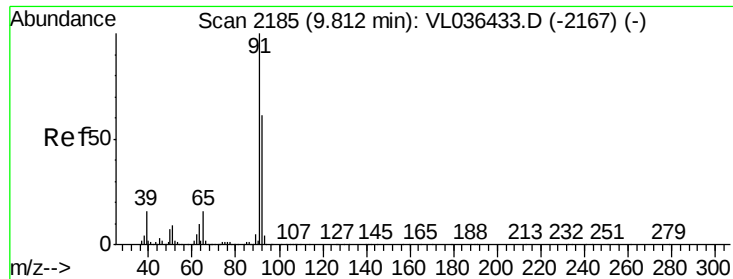
164 100

166 128.2 102.0 153.0

129 112.6 83.3 124.9

131 107.3 84.4 126.6





#53

Toluene

Concen: 9.957 ppbv

RT: 9.79 min Scan# 2178

Delta R.T. -0.02 min

Lab File: VL036450.D

Acq: 19 Mar 2021 16:25

Instrument :

MSVOA_L

ClientSampleId :

VL0319ABS01

Tot Ion: 91 Resp: 3326238

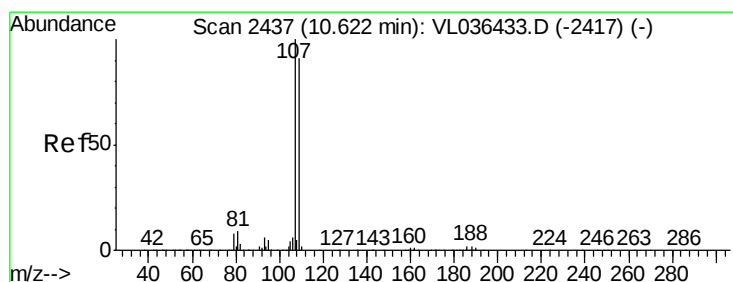
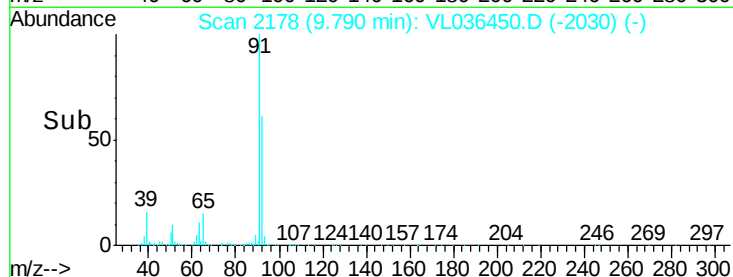
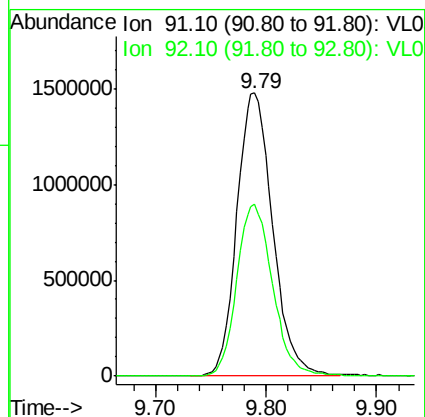
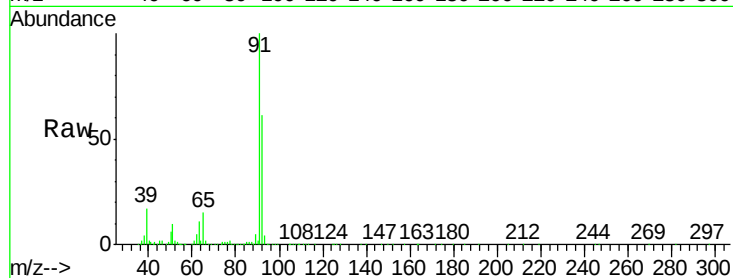
Ion Ratio Lower Upper

91 100

92 61.0 49.0 73.6

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3/24/2021 6:14:41 PM



#54

1,2-Dibromoethane

Concen: 9.138 ppbv

RT: 10.59 min Scan# 2428

Delta R.T. -0.03 min

Lab File: VL036450.D

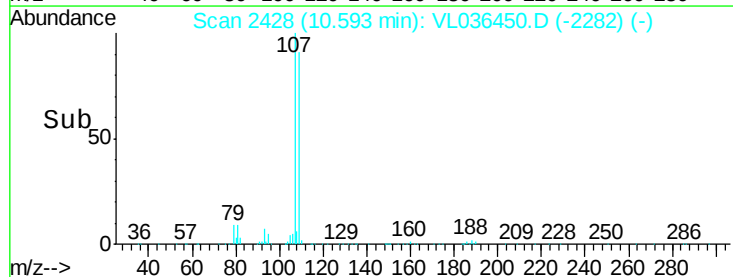
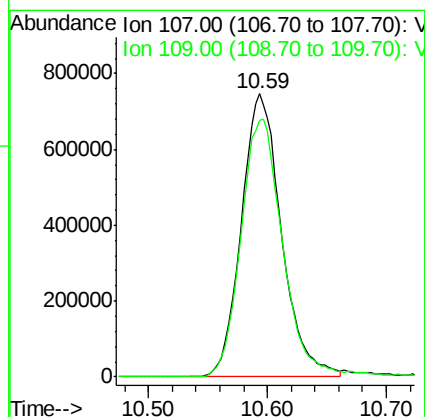
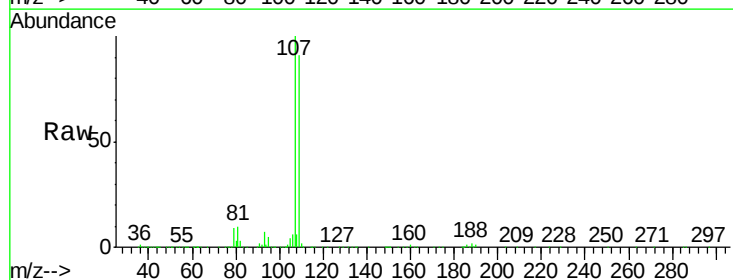
Acq: 19 Mar 2021 16:25

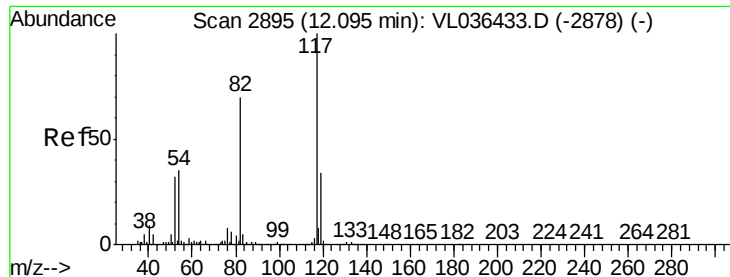
Tgt Ion: 107 Resp: 1734557

Ion Ratio Lower Upper

107 100

109 90.8 73.0 109.6





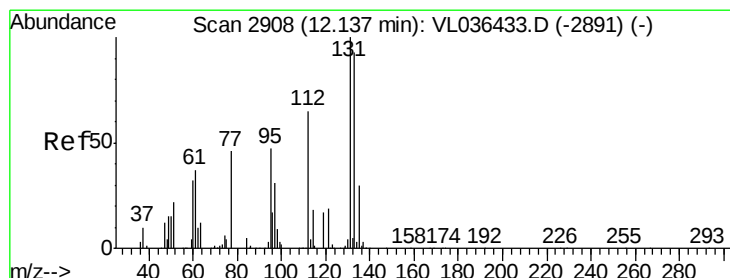
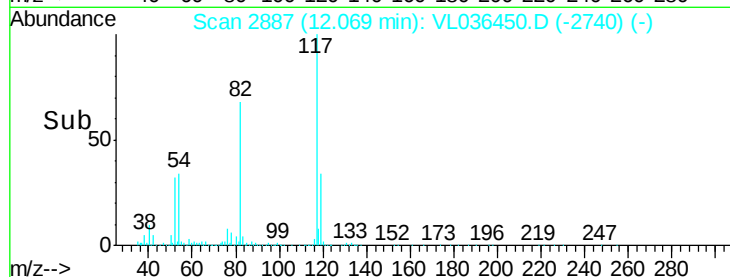
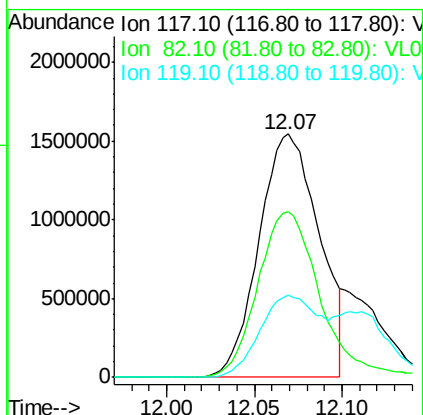
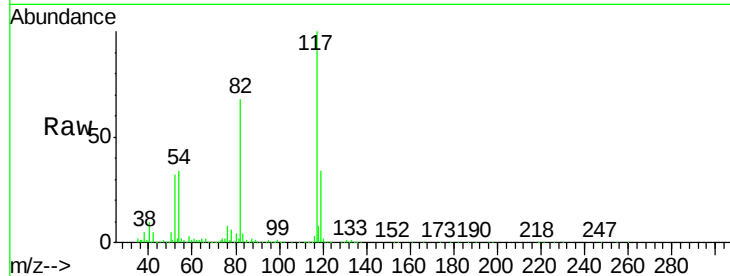
#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.07 min Scan# 2887
Delta R.T. -0.03 min
Lab File: VL036450.D
Acq: 19 Mar 2021 16:25

Instrument :
MSVOA_L
ClientSampleId :
VL0319ABS01

Tot Ion:117 Resp: 3682969
Ion Ratio Lower Upper
117 100
82 71.8 56.5 84.7
119 58.4 27.0 40.4#

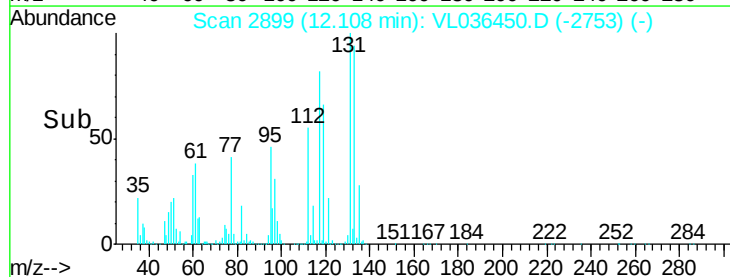
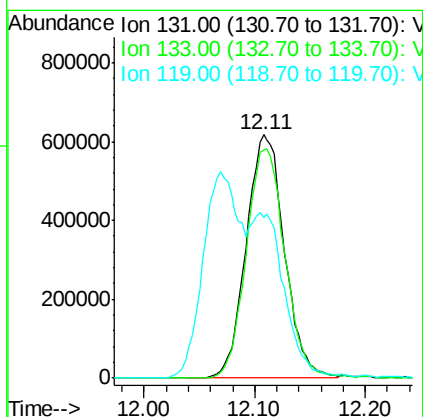
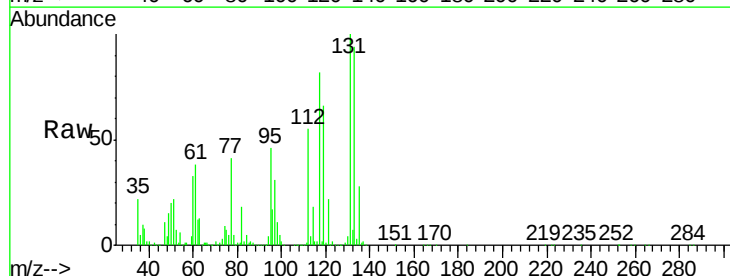
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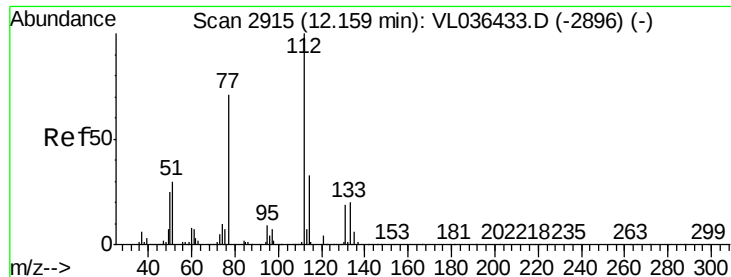
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#56
1,1,1,2-Tetrachloroethane
Concen: 9.073 ppbv
RT: 12.11 min Scan# 2899
Delta R.T. -0.03 min
Lab File: VL036450.D
Acq: 19 Mar 2021 16:25

Tgt Ion:131 Resp: 1480829
Ion Ratio Lower Upper
131 100
133 96.0 76.4 114.6
119 145.2 112.8 169.2





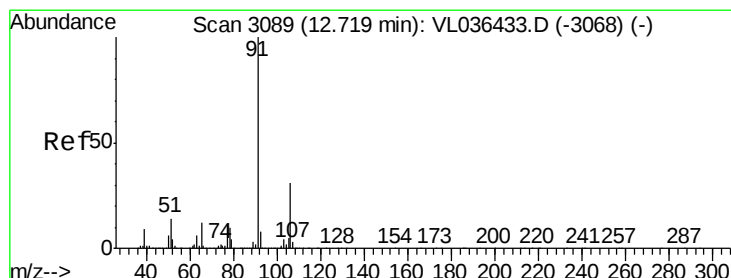
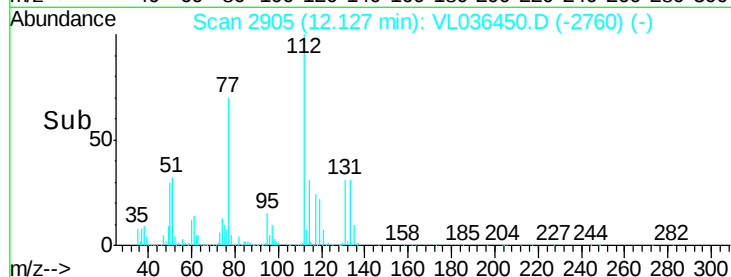
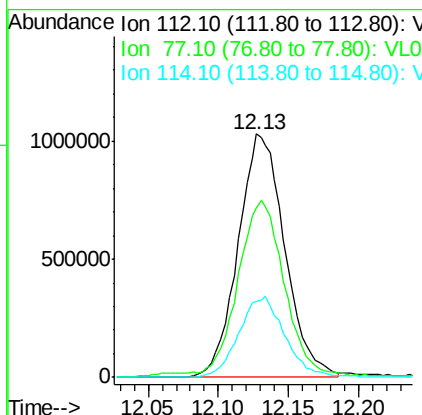
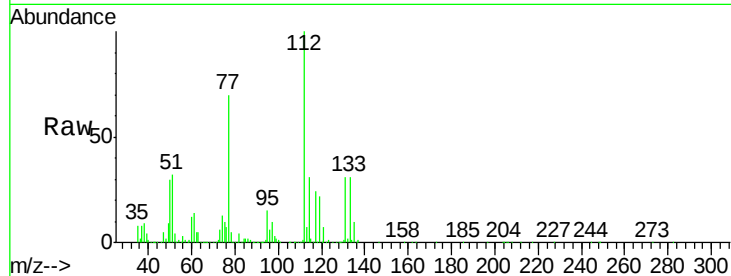
#57
Chlorobenzene
Concen: 8.907 ppbv
RT: 12.13 min Scan# 2905
Delta R.T. -0.03 min
Lab File: VL036450.D
Acq: 19 Mar 2021 16:25

Instrument :
MSVOA_L
ClientSampleId :
VL0319ABS01

Tot Ion	Ratio	Lower	Upper
112	100		
77	68.1	57.6	86.4
114	31.2	29.5	36.1

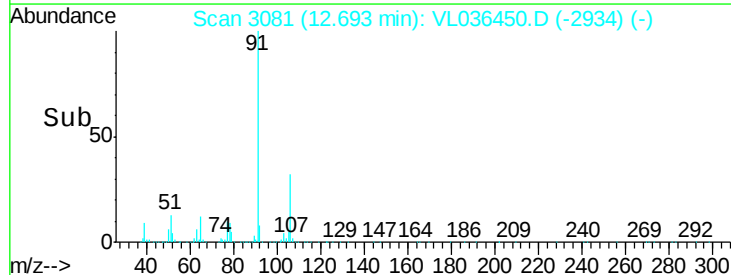
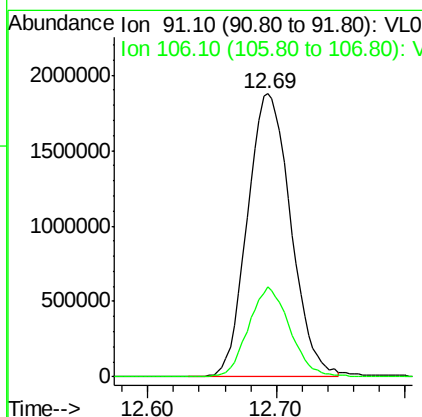
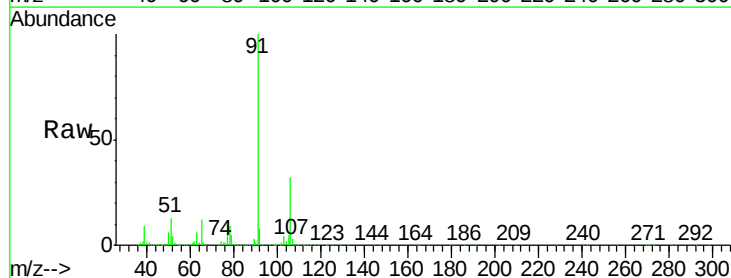
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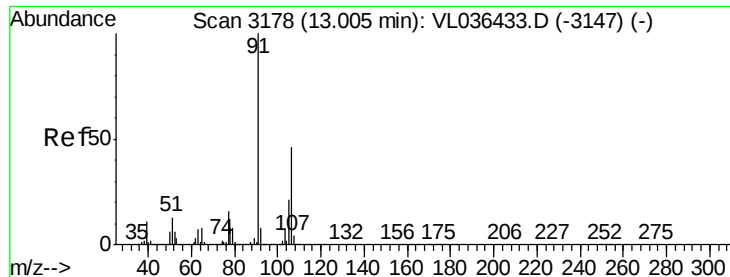
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3/24/2021 6:14:41 PM



#58
Ethyl Benzene
Concen: 9.610 ppbv
RT: 12.69 min Scan# 3081
Delta R.T. -0.03 min
Lab File: VL036450.D
Acq: 19 Mar 2021 16:25

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.7	24.8	37.2





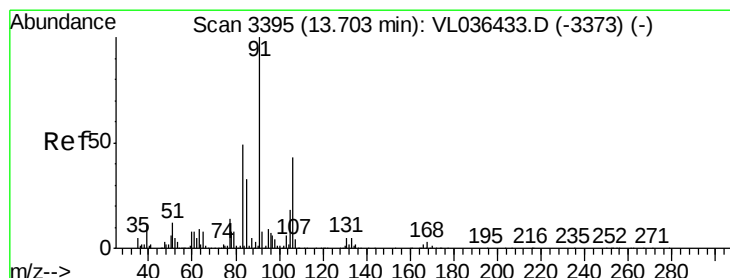
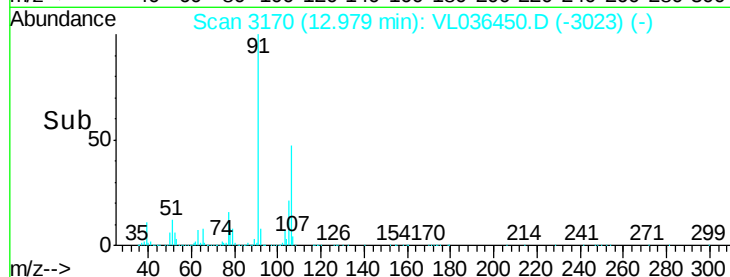
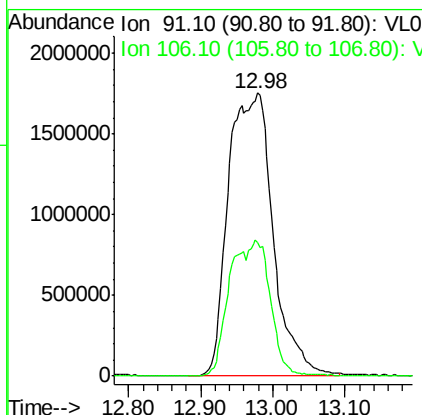
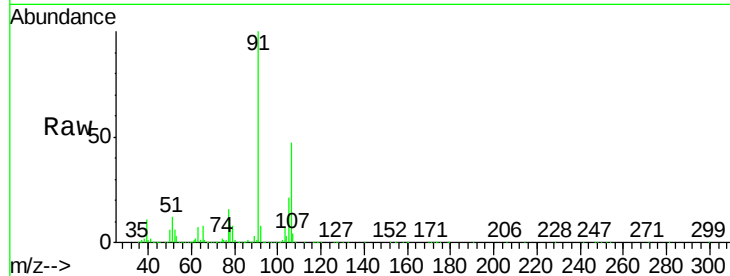
#59
m/p-Xylene
Concen: 18.623 ppbv m
RT: 12.98 min Scan# 3170
Delta R.T. -0.03 min
Lab File: VL036450.D
Acq: 19 Mar 2021 16:25

Instrument :
MSVOA_L
ClientSampleId :
VL0319ABS01

Tot Ion: 91 Resp: 7534937
Ion Ratio Lower Upper
91 100
106 43.9 35.0 52.4

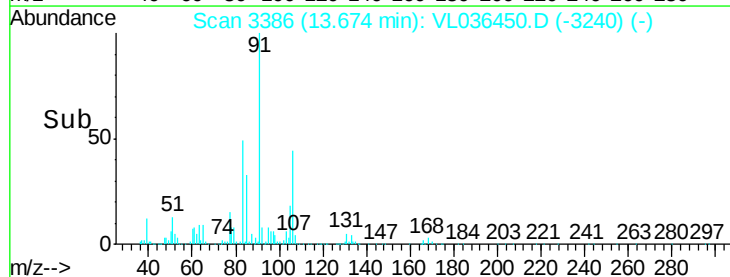
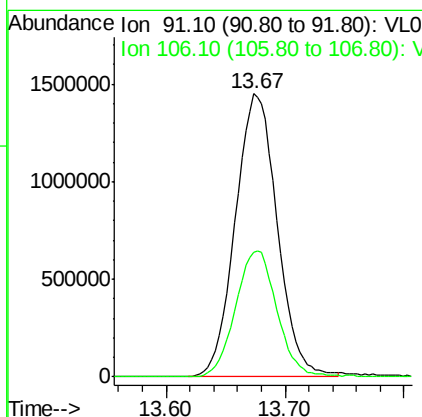
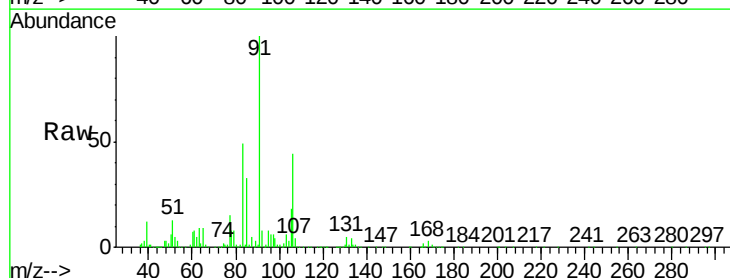
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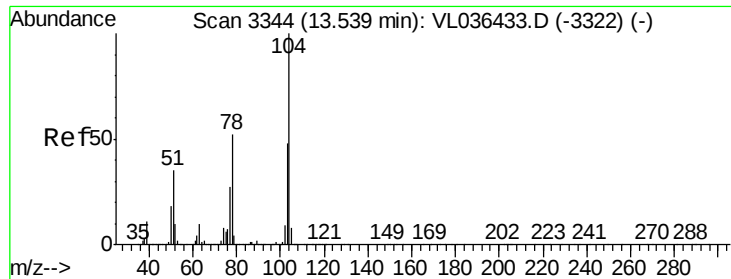
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3/24/2021 6:14:41 PM



#60
o-Xylene
Concen: 9.064 ppbv
RT: 13.67 min Scan# 3386
Delta R.T. -0.03 min
Lab File: VL036450.D
Acq: 19 Mar 2021 16:25

Tgt Ion: 91 Resp: 3523123
Ion Ratio Lower Upper
91 100
106 44.4 21.9 65.8





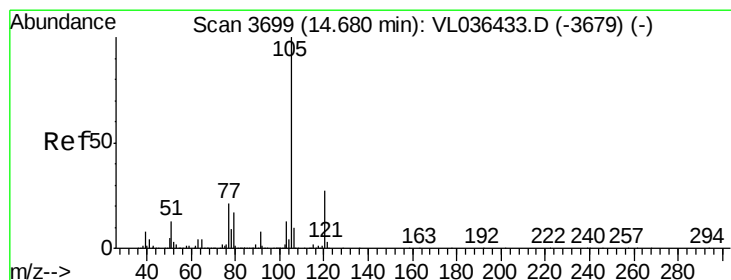
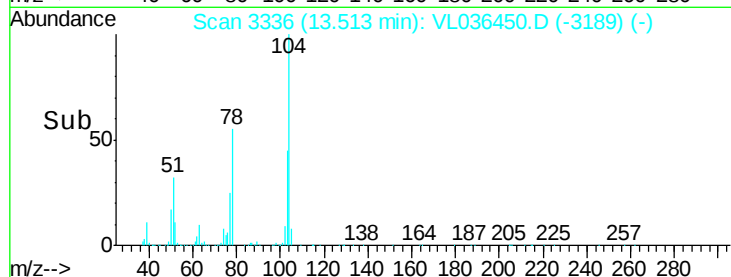
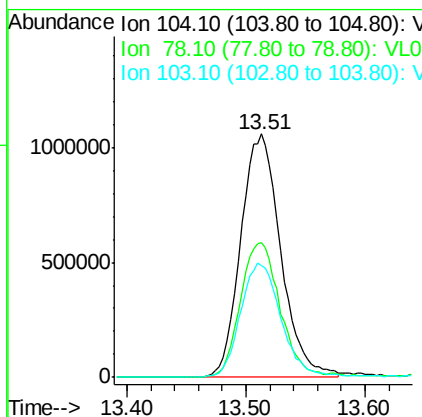
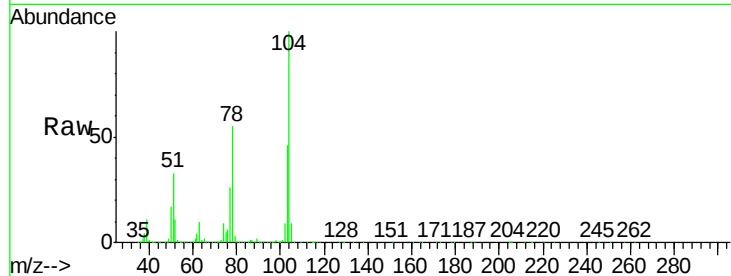
#61
Stvrene
Concen: 10.421 ppbv
RT: 13.51 min Scan# 3336
Delta R.T. -0.03 min
Lab File: VL036450.D
Acq: 19 Mar 2021 16:25

Instrument :
MSVOA_L
ClientSampleId :
VL0319ABS01

Tot Ion	Ratio	Lower	Upper
104	100		
78	56.2	44.2	66.4
103	48.1	38.6	57.8

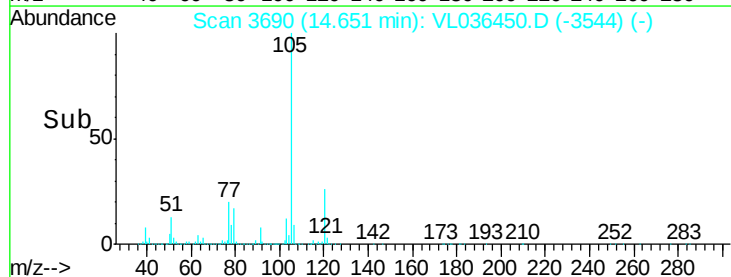
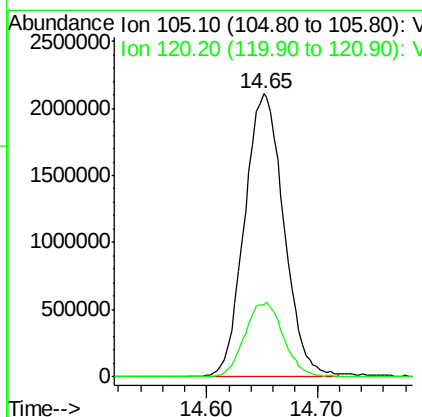
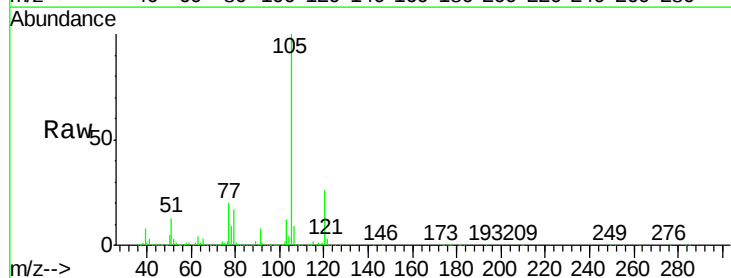
Manual Integrations
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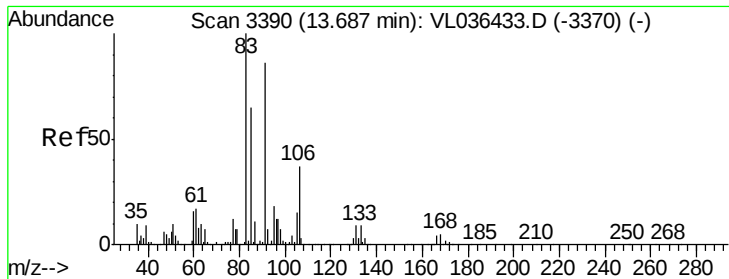
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#62
Isopropylbenzene
Concen: 8.892 ppbv
RT: 14.65 min Scan# 3690
Delta R.T. -0.03 min
Lab File: VL036450.D
Acq: 19 Mar 2021 16:25

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.2	20.9	31.3





#63

1,1,2,2-Tetrachloroethane

Concen: 7.821 ppbv

RT: 13.66 min Scan# 3382

Delta R.T. -0.03 min

Lab File: VL036450.D

Acq: 19 Mar 2021 16:25

Instrument :

MSVOA_L

ClientSampleId :

VL0319ABS01

Tot Ion: 83 Resp: 2376589

Ion Ratio Lower Upper

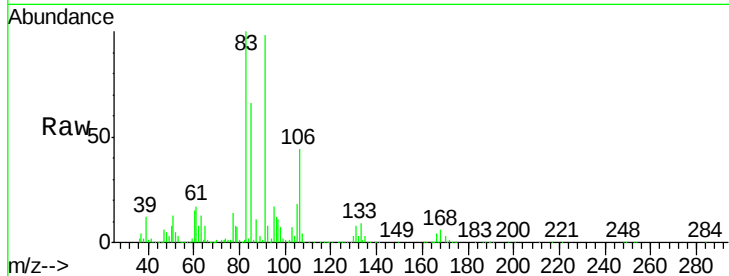
83 100

131 9.3 4.5 13.7

85 66.7 32.9 98.6

Manual Integrations
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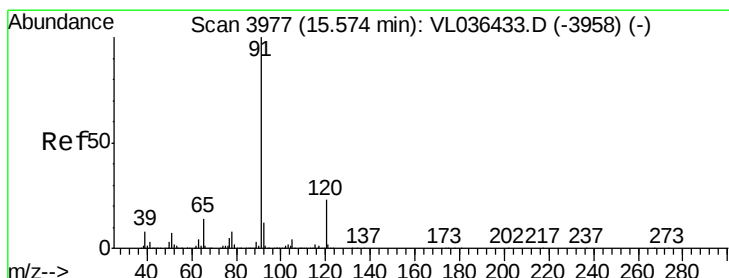
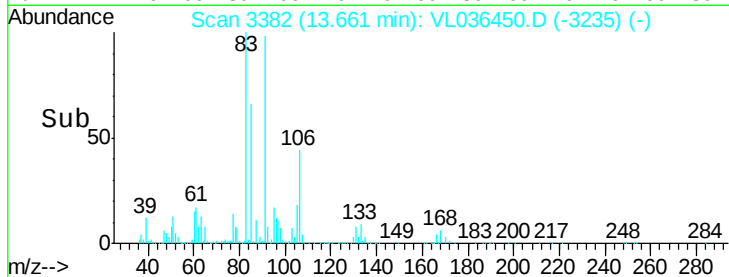
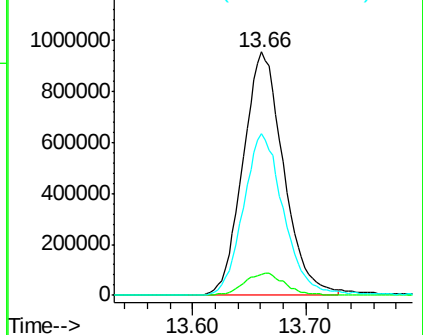
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Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 131.00 (130.70 to 131.70): VL0

Ion 85.00 (84.70 to 85.70): VL0



#64

n-propylbenzene

Concen: 9.156 ppbv

RT: 15.55 min Scan# 3969

Delta R.T. -0.03 min

Lab File: VL036450.D

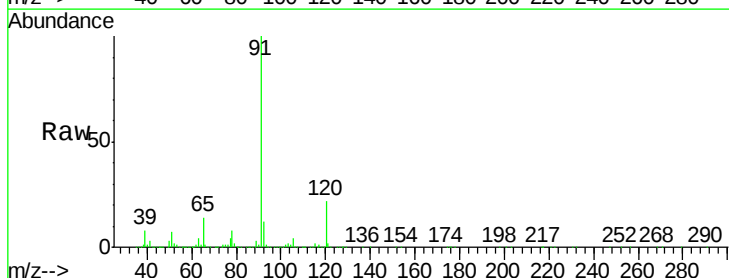
Acq: 19 Mar 2021 16:25

Tgt Ion: 120 Resp: 1340301

Ion Ratio Lower Upper

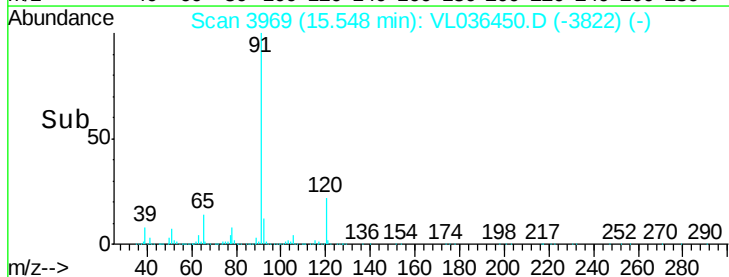
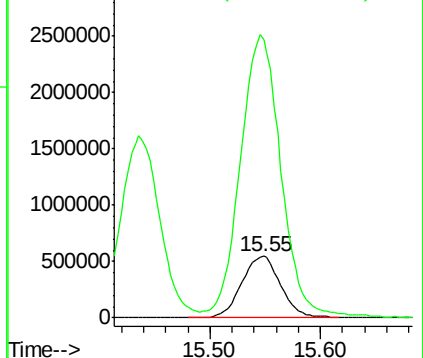
120 100

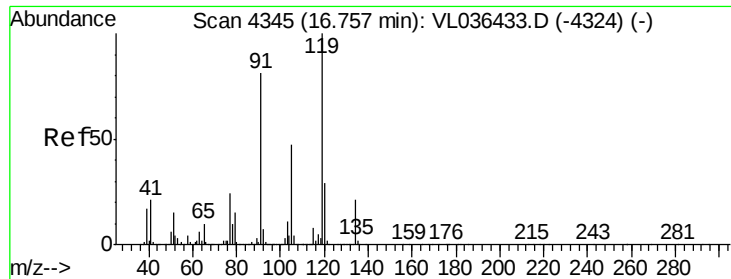
91 481.4 378.6 567.8



Abundance Ion 120.20 (119.90 to 120.90): VL0

Ion 91.10 (90.80 to 91.80): VL0





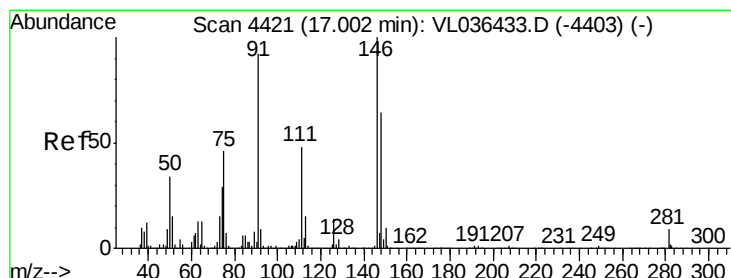
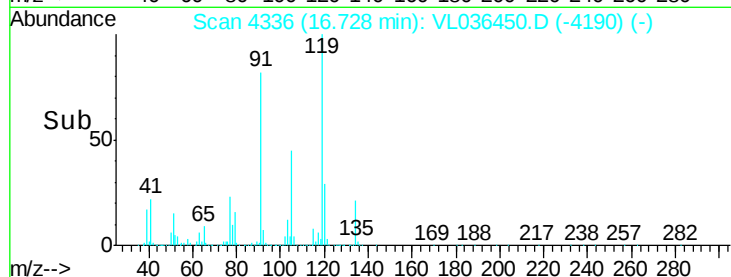
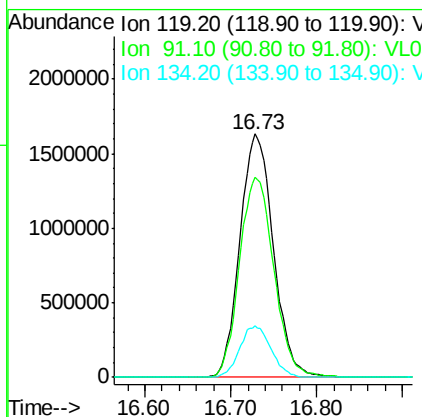
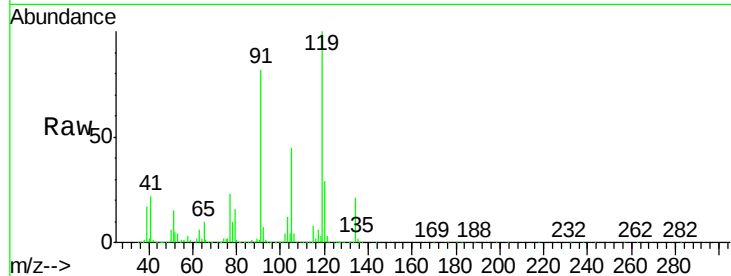
#65
tert-Butylbenzene
Concen: 8.653 ppbv
RT: 16.73 min Scan# 4336
Delta R.T. -0.03 min
Lab File: VL036450.D
Acq: 19 Mar 2021 16:25

Instrument :
MSVOA_L
ClientSampleId :
VL0319ABS01

Tot Ion: 119 Resp: 4411743
Ion Ratio Lower Upper
119 100
91 85.0 67.9 101.9
134 20.0 16.0 24.0

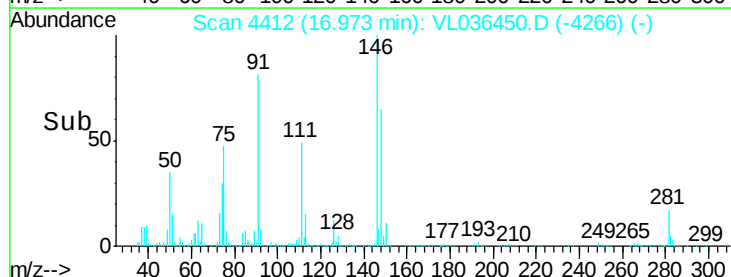
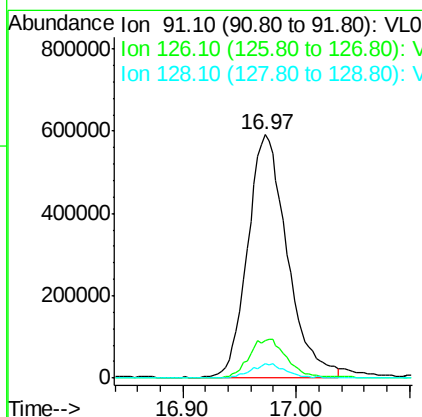
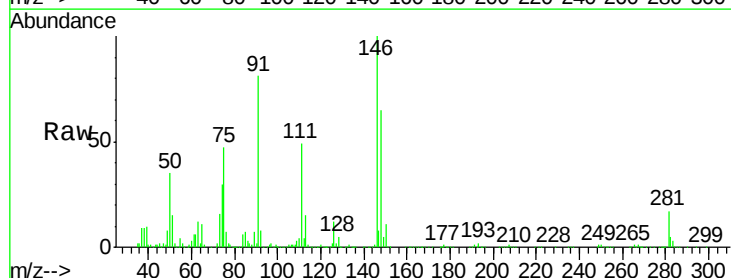
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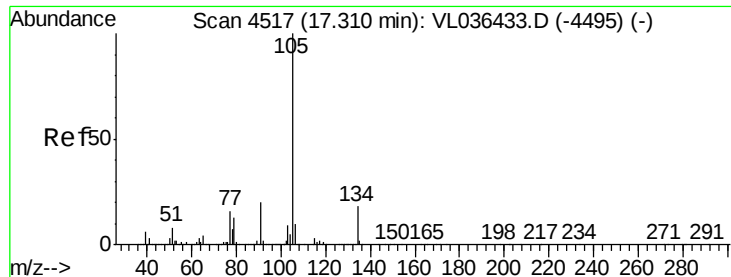
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#66
Benzyl Chloride
Concen: 10.079 ppbv
RT: 16.97 min Scan# 4412
Delta R.T. -0.03 min
Lab File: VL036450.D
Acq: 19 Mar 2021 16:25

Tgt Ion: 91 Resp: 1434701
Ion Ratio Lower Upper
91 100
126 16.1 12.9 19.3
128 5.4 4.0 6.0





#67

sec-Butylbenzene

Concen: 8.716 ppbv

RT: 17.28 min Scan# 4507

Delta R.T. -0.03 min

Lab File: VL036450.D

Acq: 19 Mar 2021 16:25

Instrument :

MSVOA_L

ClientSampleId :

VL0319ABS01

Tot Ion: 105 Resp: 6206062

Ion Ratio Lower Upper

105 100

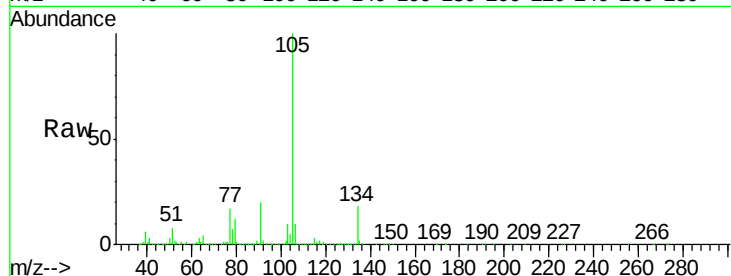
134 18.1 14.9 22.3

Manual Integrations

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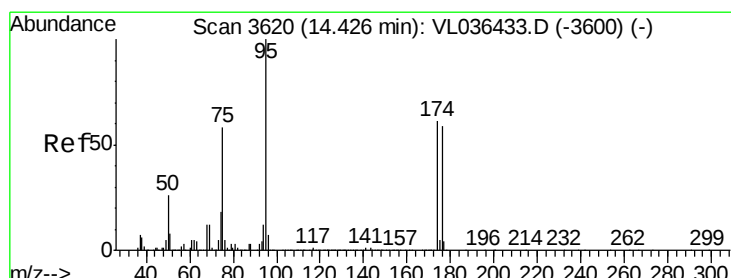
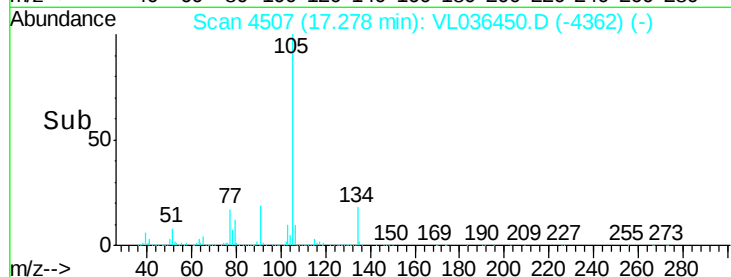
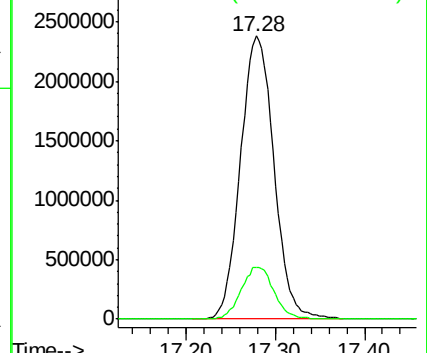
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Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V



#68

1-Bromo-4-Fluorobenzene

Concen: 10.486 ppbv

RT: 14.40 min Scan# 3612

Delta R.T. -0.03 min

Lab File: VL036450.D

Acq: 19 Mar 2021 16:25

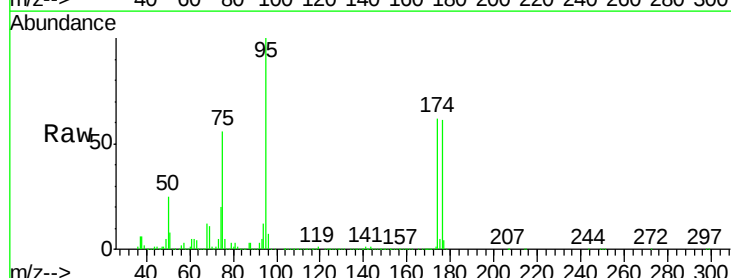
Tgt Ion: 95 Resp: 3175818

Ion Ratio Lower Upper

95 100

174 63.8 51.0 76.4

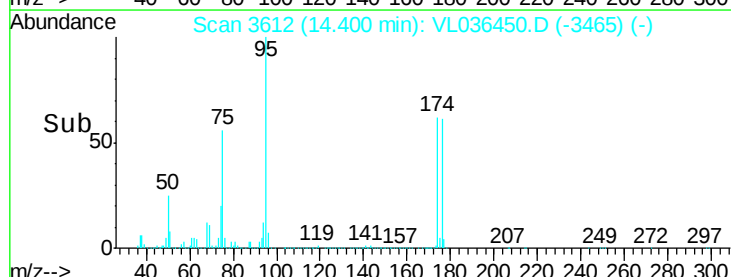
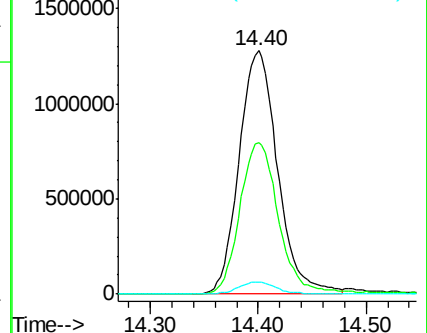
175 4.9 3.8 5.6

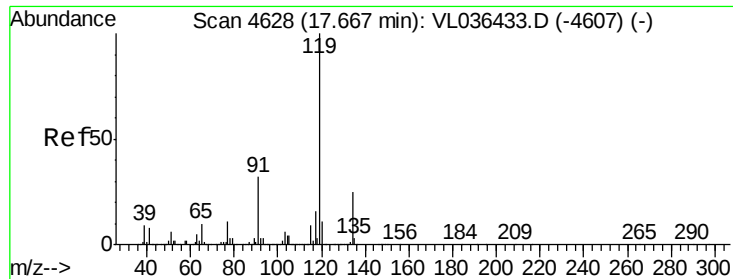


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V





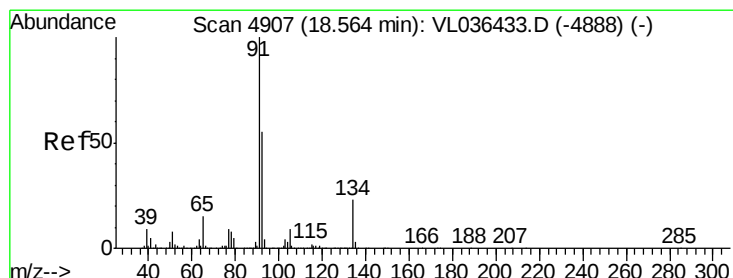
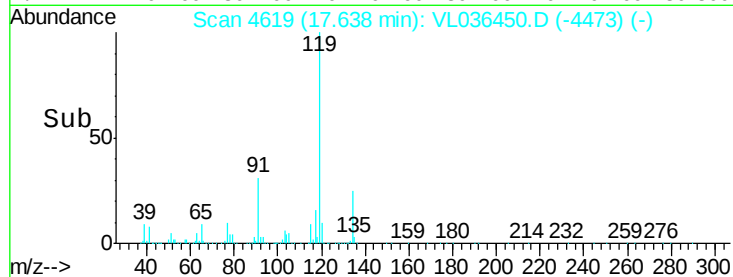
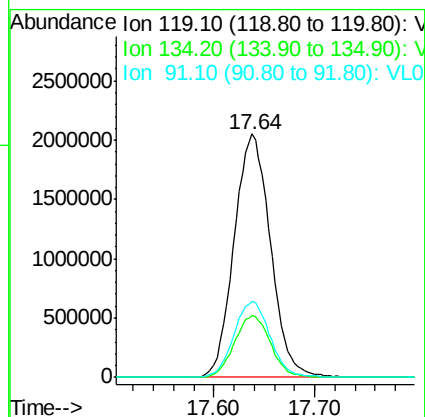
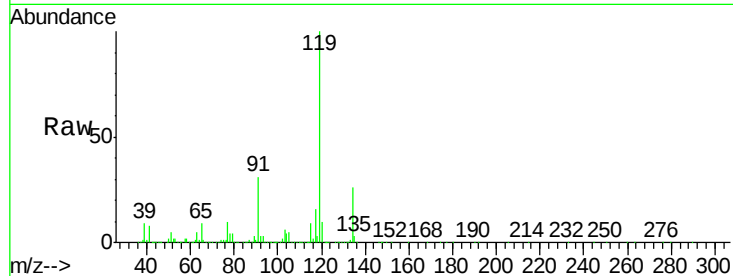
#69
 p-Isopropyltoluene
 Concen: 9.006 ppbv
 RT: 17.64 min Scan# 4619
 Delta R.T. -0.03 min
 Lab File: VL036450.D
 Acq: 19 Mar 2021 16:25

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0319ABS01

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.3	20.6	30.8
91	31.0	25.3	37.9

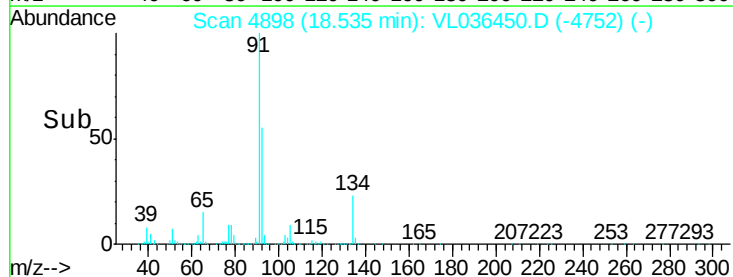
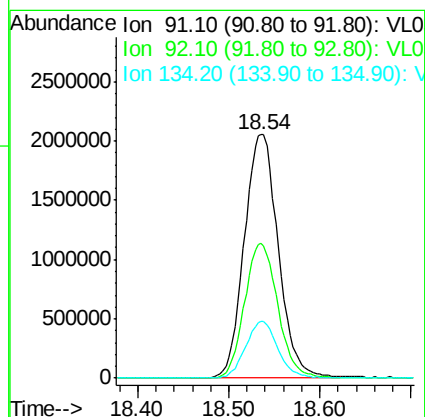
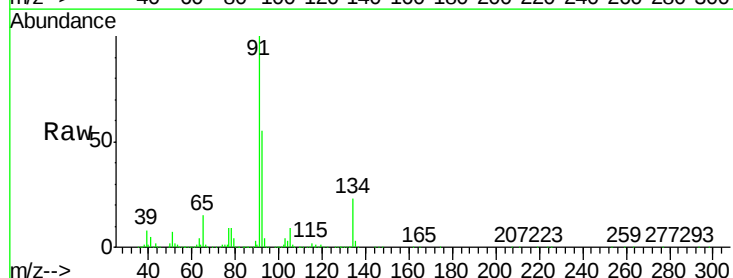
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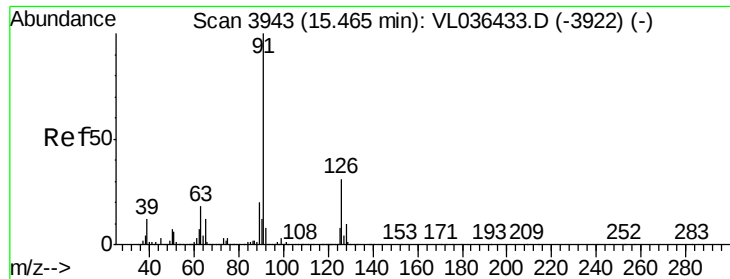
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#70
 n-Butylbenzene
 Concen: 9.055 ppbv
 RT: 18.54 min Scan# 4898
 Delta R.T. -0.03 min
 Lab File: VL036450.D
 Acq: 19 Mar 2021 16:25

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.3	44.1	66.1
134	22.2	17.9	26.9





#71

2-Chlorotoluene

Concen: 8.957 ppbv

RT: 15.44 min Scan# 3934

Delta R.T. -0.03 min

Lab File: VL036450.D

Acq: 19 Mar 2021 16:25

Instrument :

MSVOA_L

ClientSampleId :

VL0319ABS01

Tot Ion: 91 Resp: 3948580

Ion Ratio Lower Upper

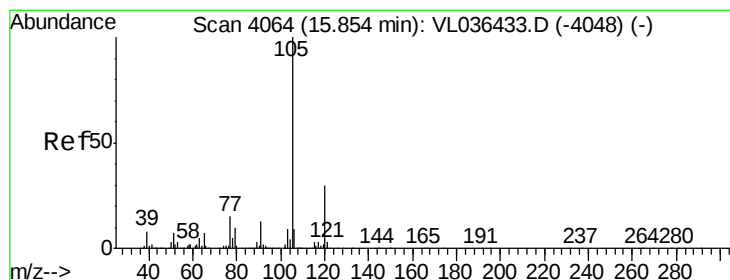
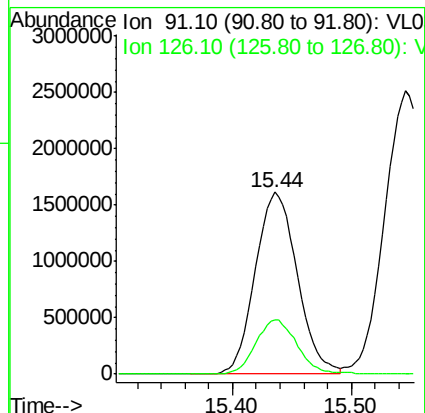
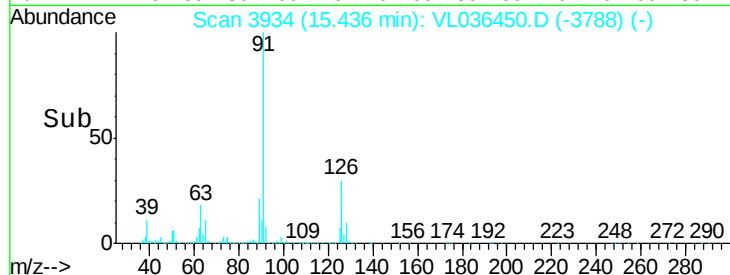
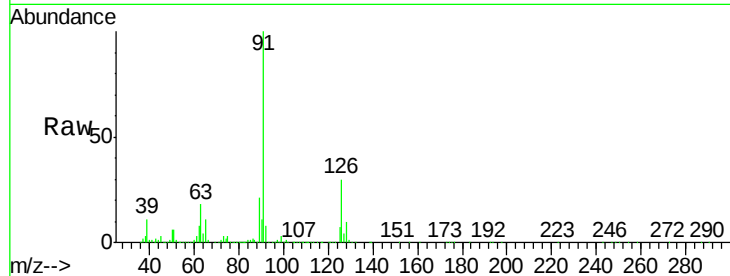
91 100

126 30.2 12.0 48.0

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3/24/2021 6:14:41 PM



#72

4-Ethyltoluene

Concen: 9.403 ppbv

RT: 15.82 min Scan# 4055

Delta R.T. -0.03 min

Lab File: VL036450.D

Acq: 19 Mar 2021 16:25

Tgt Ion: 105 Resp: 3969663

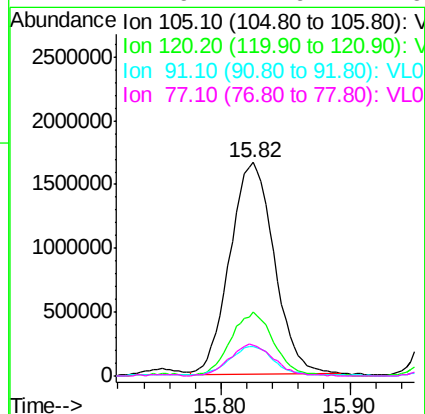
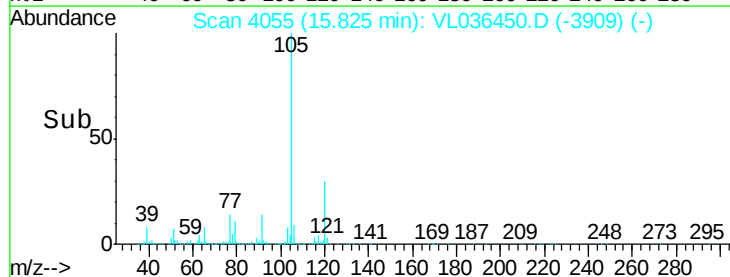
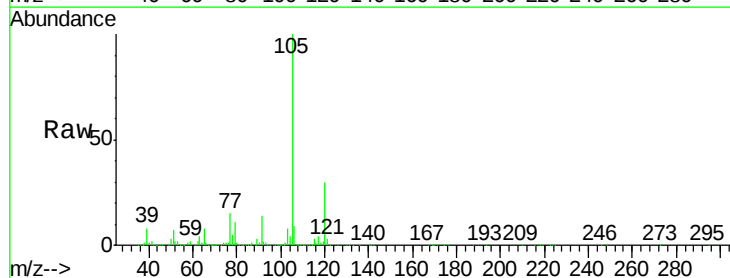
Ion Ratio Lower Upper

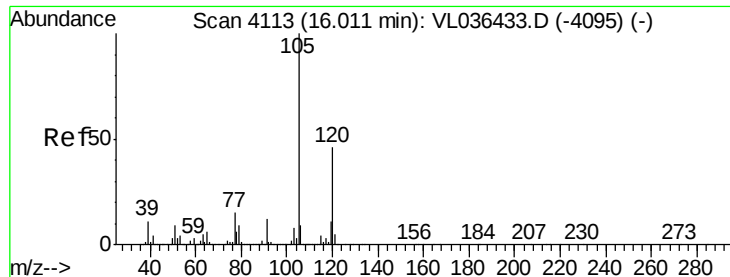
105 100

120 30.5 23.8 35.6

91 13.7 10.9 16.3

77 14.9 11.9 17.9





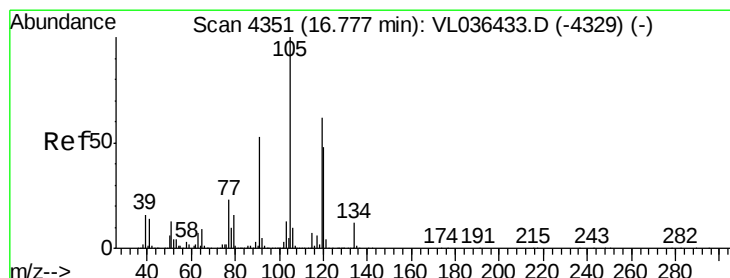
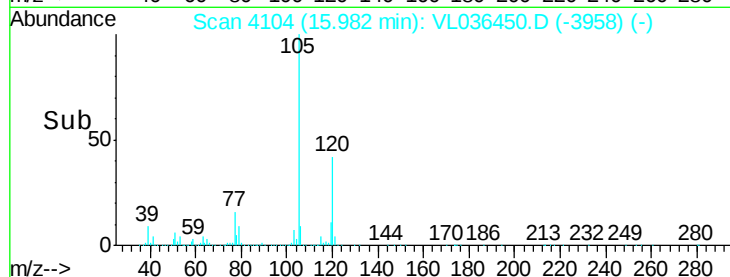
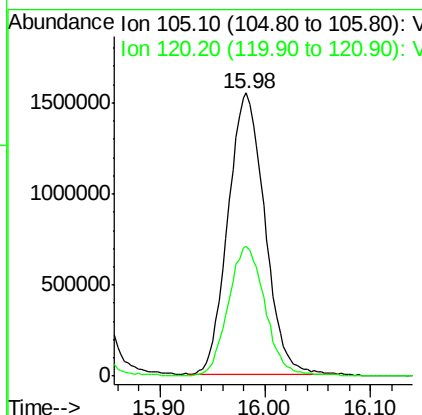
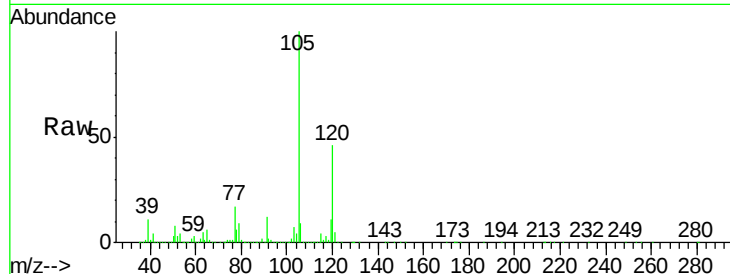
#73
 1,3,5-Trimethylbenzene
 Concen: 9.160 ppbv
 RT: 15.98 min Scan# 4104
 Delta R.T. -0.03 min
 Lab File: VL036450.D
 Acq: 19 Mar 2021 16:25

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0319ABS01

Tot Ion:105 Resp: 3751588
 Ion Ratio Lower Upper
 105 100
 120 45.7 36.4 54.6

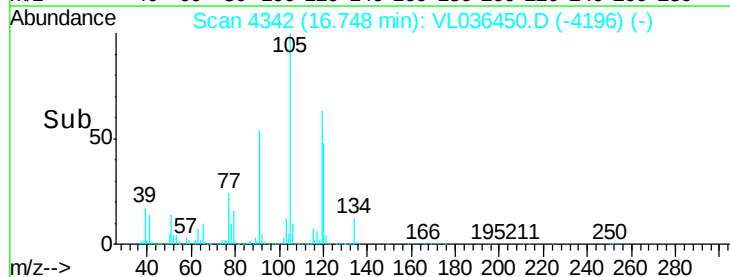
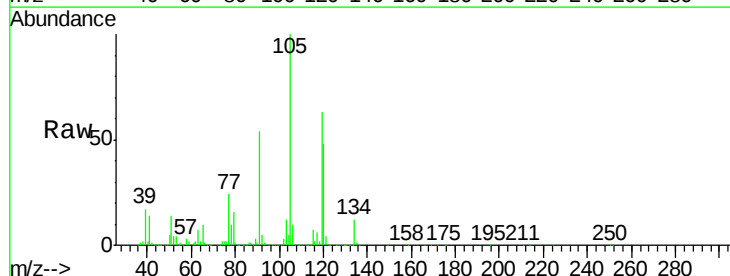
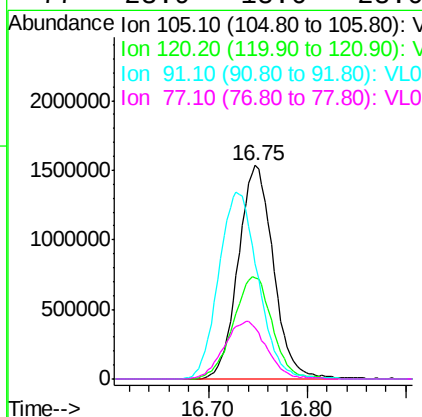
Manual Integrations
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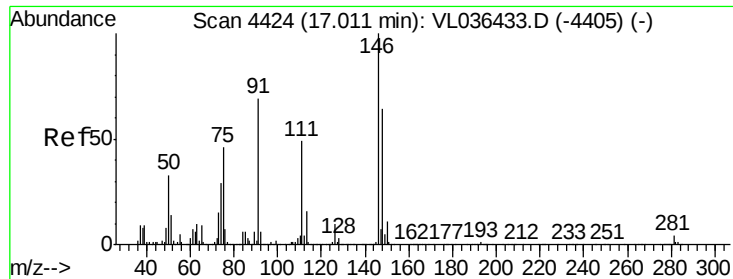
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#74
 1,2,4-Trimethylbenzene
 Concen: 8.711 ppbv
 RT: 16.75 min Scan# 4342
 Delta R.T. -0.03 min
 Lab File: VL036450.D
 Acq: 19 Mar 2021 16:25

Tgt Ion:105 Resp: 3788168
 Ion Ratio Lower Upper
 105 100
 120 47.4 38.2 57.4
 91 53.3 42.6 63.8
 77 23.9 18.6 28.0





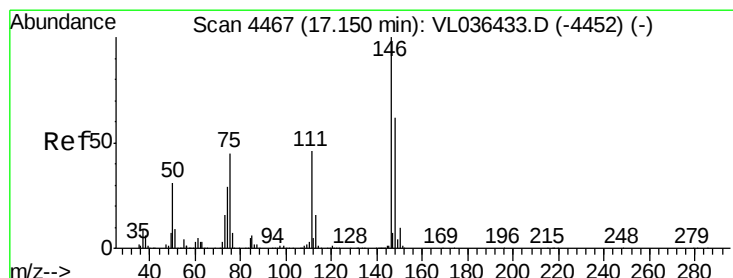
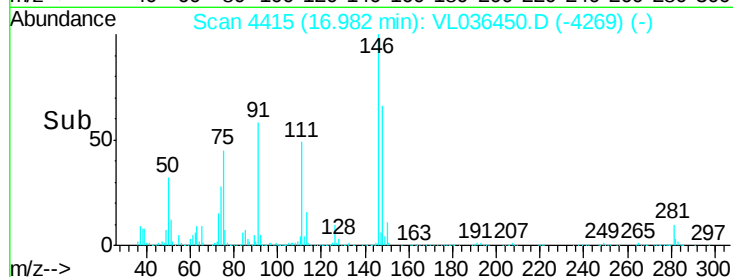
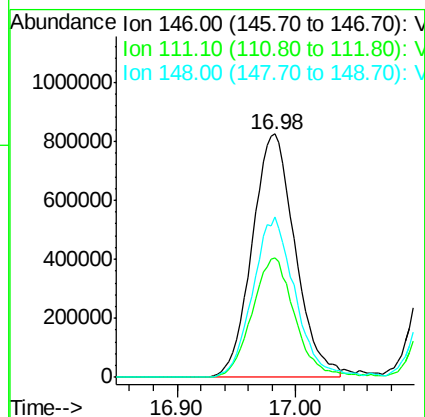
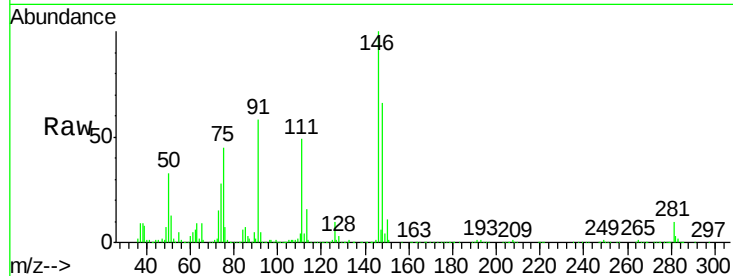
#75
 1,3-Dichlorobenzene
 Concen: 8.538 ppbv
 RT: 16.98 min Scan# 4415
 Delta R.T. -0.03 min
 Lab File: VL036450.D
 Acq: 19 Mar 2021 16:25

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0319ABS01

Tot Ion:146 Resp: 2061840
 Ion Ratio Lower Upper
 146 100
 111 49.0 24.5 73.5
 148 64.6 32.4 97.0

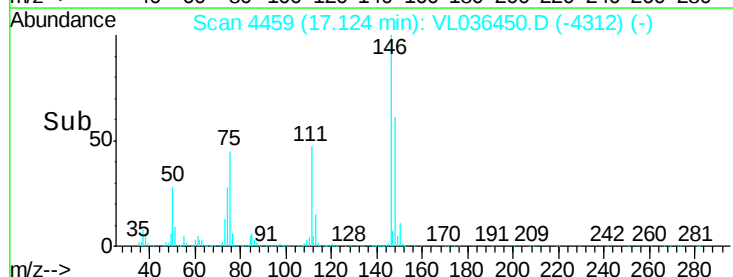
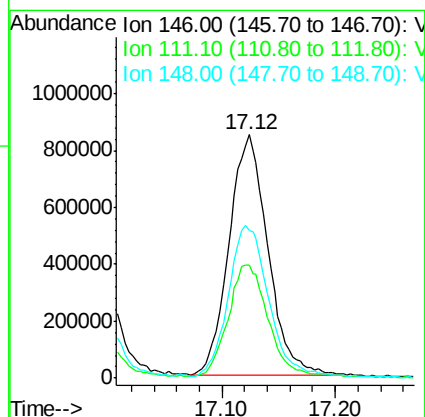
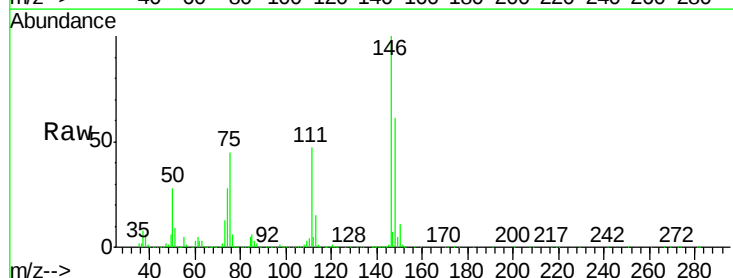
Manual Integrations
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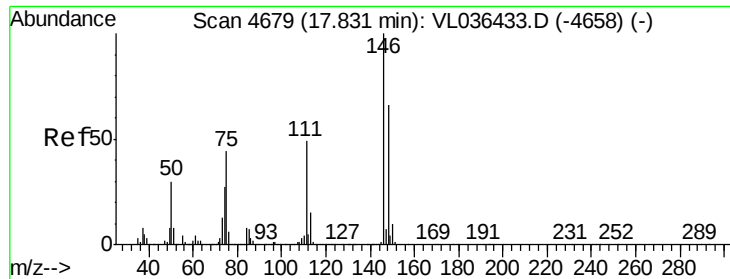
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#76
 1,4-Dichlorobenzene
 Concen: 8.322 ppbv
 RT: 17.12 min Scan# 4459
 Delta R.T. -0.03 min
 Lab File: VL036450.D
 Acq: 19 Mar 2021 16:25

Tgt Ion:146 Resp: 2008216
 Ion Ratio Lower Upper
 146 100
 111 48.7 24.5 73.5
 148 67.4 33.1 99.2





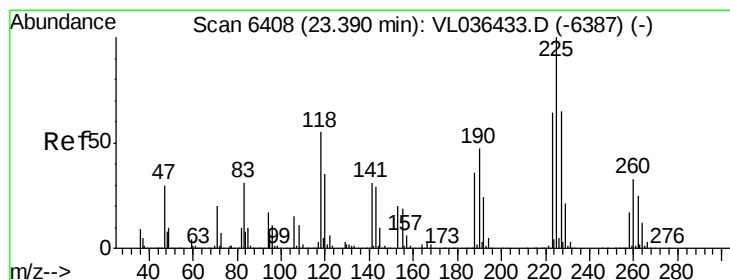
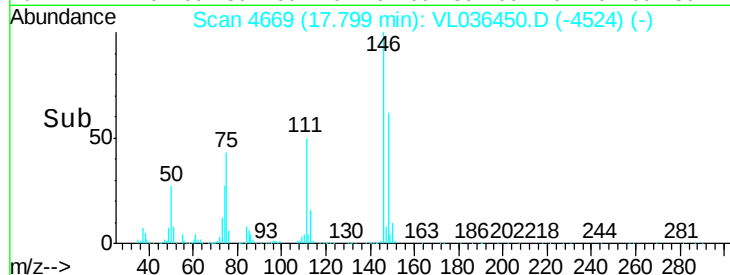
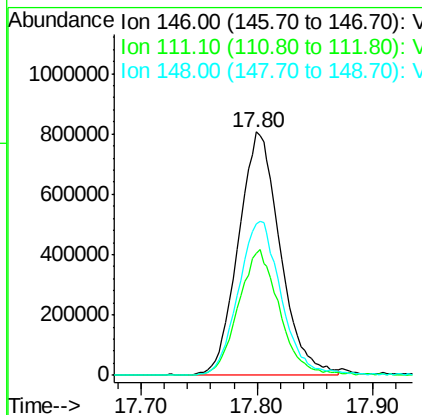
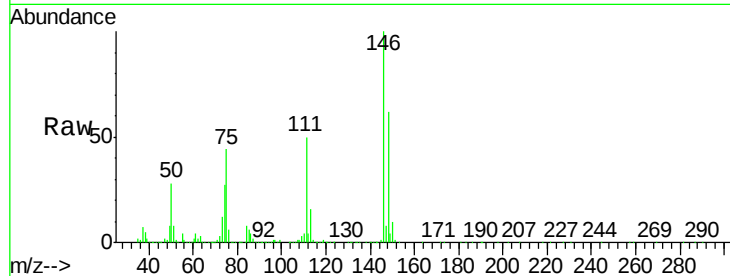
#77
 1,2-Dichlorobenzene
 Concen: 8.510 ppbv
 RT: 17.80 min Scan# 4669
 Delta R.T. -0.03 min
 Lab File: VL036450.D
 Acq: 19 Mar 2021 16:25

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0319ABS01

Tot Ion:146 Resp: 2012189
 Ion Ratio Lower Upper
 146 100
 111 51.2 25.4 76.2
 148 64.8 32.0 96.2

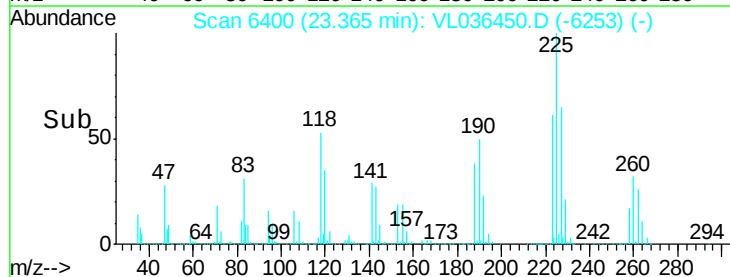
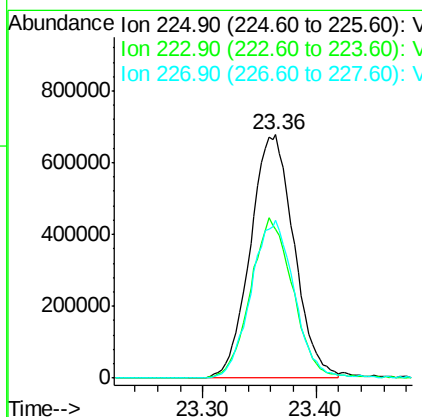
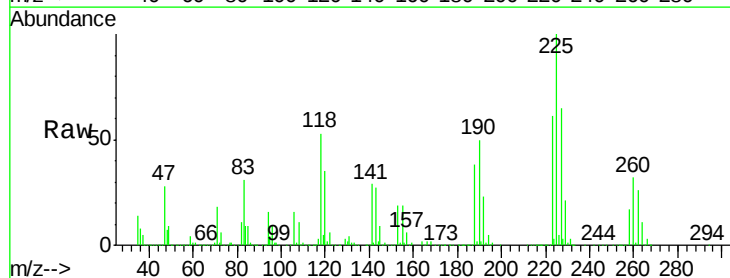
Manual Integrations
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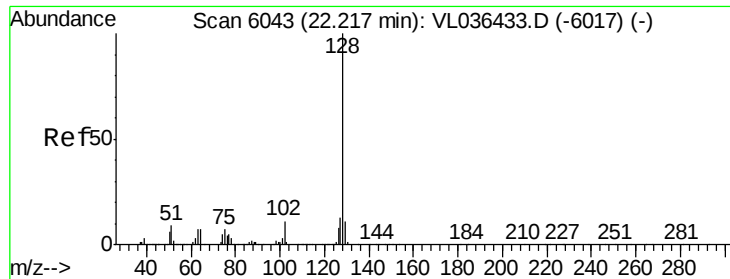
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#78
 Hexachloro-1,3-Butadiene
 Concen: 9.629 ppbv
 RT: 23.36 min Scan# 6400
 Delta R.T. -0.03 min
 Lab File: VL036450.D
 Acq: 19 Mar 2021 16:25

Tgt Ion:225 Resp: 1811790
 Ion Ratio Lower Upper
 225 100
 223 64.4 51.8 77.8
 227 65.0 53.0 79.6





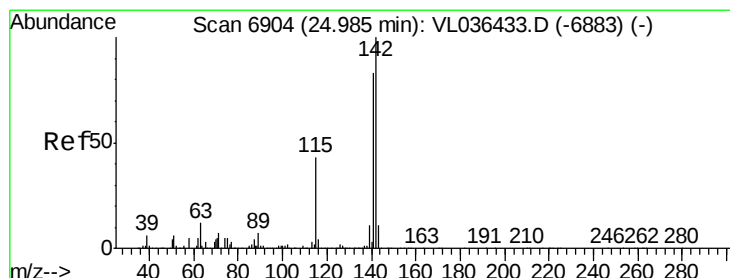
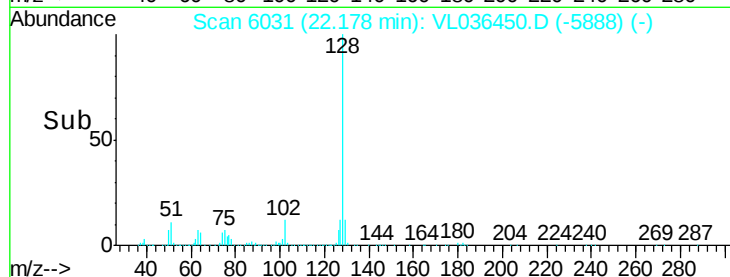
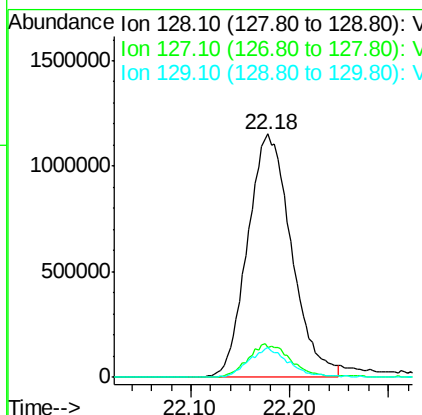
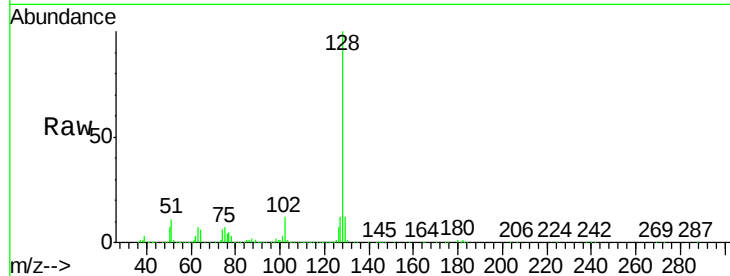
#79
Naphthalene
Concen: 13.882 ppbv
RT: 22.18 min Scan# 6031
Delta R.T. -0.04 min
Lab File: VL036450.D
Acq: 19 Mar 2021 16:25

Instrument :
MSVOA_L
ClientSampleId :
VL0319ABS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.4	15.6
129	12.1	9.1	13.7

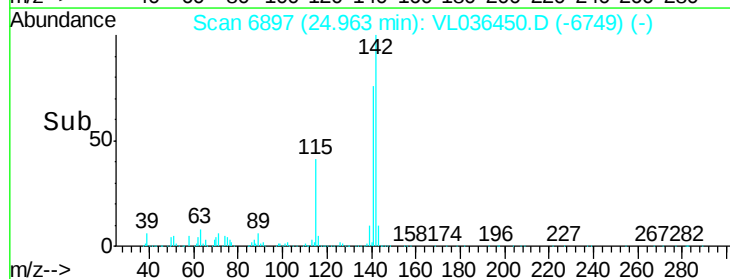
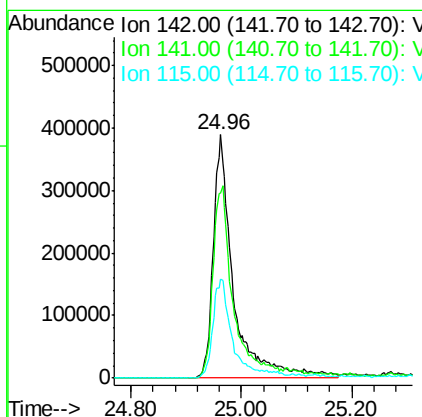
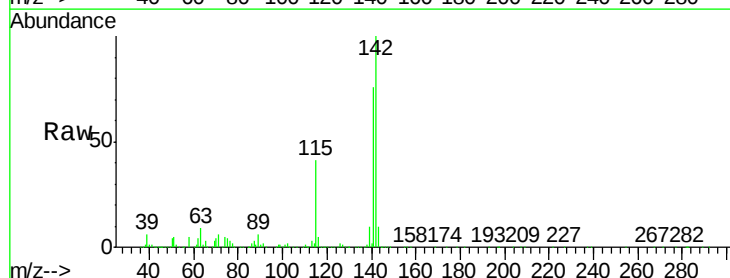
Manual Integrations
APPROVED

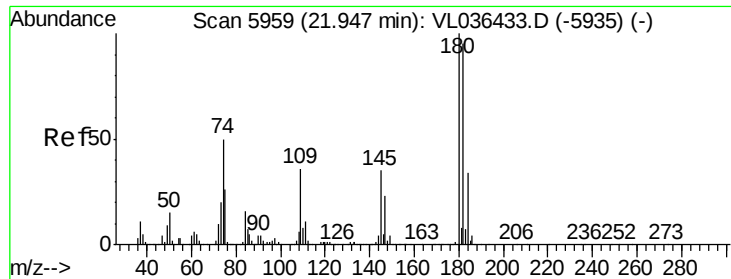
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#80
Naphthalene, 2-methyl-
Concen: 18.037 ppbv
RT: 24.96 min Scan# 6897
Delta R.T. -0.02 min
Lab File: VL036450.D
Acq: 19 Mar 2021 16:25

Tgt Ion	Ratio	Lower	Upper
142	100		
141	84.2	69.0	103.6
115	41.2	32.4	48.6





#81
 1,2,4-Trichlorobenzene
 Concen: 12.580 ppbv m
 RT: 21.91 min Scan# 5948
 Delta R.T. -0.04 min
 Lab File: VL036450.D
 Acq: 19 Mar 2021 16:25

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0319ABS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	0.0	81.8	122.6#
184	0.0	26.6	40.0#

Manual Integrations
 APPROVED

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