

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL041221\
 Data File : VL036785.D
 Acq On : 12 Apr 2021 9:26
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

apatel
 4/13/2021 10:42:15 AM

Quant Time: Apr 12 18:48:05 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 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	1560107	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	3899511	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.11	117	3201165m	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	2256041	8.84	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	88.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.05	85	2269132	8.917 ppbv	97
3) Chlorodifluoromethane	2.99	51	2642900	9.067 ppbv	99
4) Chloromethane	3.14	50	981416	9.532 ppbv	97
5) Vinyl Chloride	3.26	62	941218	8.891 ppbv	100
6) Bromomethane	3.48	94	547835	9.399 ppbv	99
7) Chloroethane	3.56	64	336626	9.254 ppbv	97
8) Dichlorotetrafluoroethane	3.19	85	2264158	9.323 ppbv	100
9) Propene	3.02	41	841526	9.056 ppbv	99
10) Heptane	8.14	43	2234147	9.438 ppbv	98
11) Trichlorofluoromethane	3.96	101	2330435	8.987 ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.49	101	1529965	9.228 ppbv	98
13) Ethanol	3.61	45	110460	9.982 ppbv	100
14) Bromoethene	3.75	108	653873	9.486 ppbv	99
15) Acetone	3.86	43	1289538	8.398 ppbv	100
16) 1,3-Butadiene	3.33	39	960233	8.982 ppbv	97
17) tert-Butyl alcohol	4.30	59	1437191	10.752 ppbv	100
18) 1,1-Dichloroethene	4.30	96	676563	9.174 ppbv	95
19) Isopropyl Alcohol	3.98	45	823911	9.754 ppbv	99
20) Methylene Chloride	4.35	84	597799	8.315 ppbv	96
21) Allyl Chloride	4.42	41	1109106	9.061 ppbv	99
22) trans-1,2-Dichloroethene	4.90	96	622642	9.107 ppbv	92
23) Vinyl Acetate	5.09	43	2506517	9.543 ppbv	99
24) 1,1-Dichloroethane	5.02	63	1767717	9.233 ppbv	99
25) Ethyl Acetate	5.69	43	3401879	9.319 ppbv	100
26) Hexane	5.70	57	1606045	9.480 ppbv	98
27) Carbon Disulfide	4.56	76	1671212	10.014 ppbv	97
28) Methyl tert-Butyl Ether	5.05	73	1886996	9.445 ppbv	98
29) Chloroform	5.77	83	2573306	9.498 ppbv	99
30) Cyclohexane	7.15	84	1348145	9.812 ppbv	99
31) cis-1,2-Dichloroethene	5.56	61	1566556	9.561 ppbv	95
32) 1,1,1-Trichloroethane	6.53	97	2571771	9.419 ppbv	99
34) 2-Butanone	5.26	43	1683859	8.846 ppbv	98
35) Carbon Tetrachloride	7.03	117	2730757	9.117 ppbv	96
36) Benzene	6.91	78	3318741	9.228 ppbv	99
37) 1,2-Dichloroethane	6.32	62	1916979	9.056 ppbv	99
38) Trichloroethene	7.85	130	1210306	8.647 ppbv	98
39) 1,2-Dichloropropane	7.63	63	1314322	9.009 ppbv	97
40) 1,4-Dioxane	7.85	88	322801	9.507 ppbv	86
41) Tetrahydrofuran	6.07	42	783191	8.924 ppbv	95
42) Bromodichloromethane	7.81	83	2719669	9.446 ppbv	99
43) Methyl Methacrylate	8.03	69	1204096	9.971 ppbv	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.89	57	5641279	8.912	ppbv	99
45) t-1,3-Dichloropropene	9.30	75	1413749	10.252	ppbv	97
46) cis-1,3-Dichloropropene	8.72	75	1756566	9.965	ppbv	97
47) 1,1,2-Trichloroethane	9.49	97	1382194	9.354	ppbv	97
48) Dibromochloromethane	10.33	129	2242857	9.957	ppbv	100
49) Bromoform	13.07	173	1875679	10.334	ppbv	98
50) 4-Methyl-2-Pentanone	8.76	43	2566001	9.316	ppbv	100
51) 2-Hexanone	10.16	43	1367431	9.838	ppbv #	100
52) Tetrachloroethene	11.24	164	1123540	8.484	ppbv	96
53) Toluene	9.83	91	3760083	9.818	ppbv	100
54) 1,2-Dibromoethane	10.63	107	1956575	9.376	ppbv	100
56) 1,1,1,2-Tetrachloroethane	12.15	131	1527823	10.552	ppbv	100
57) Chlorobenzene	12.17	112	2764163	10.148	ppbv	99
58) Ethyl Benzene	12.73	91	5044182	10.831	ppbv	98
59) m/p-Xylene	13.02	91	8596771m	21.163	ppbv	
60) o-Xylene	13.72	91	4050836	10.314	ppbv	99
61) Styrene	13.55	104	2365837	11.973	ppbv	98
62) Isopropylbenzene	14.69	105	5399294	10.208	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.70	83	3013390	10.057	ppbv	99
64) n-propylbenzene	15.59	120	1433979	11.089	ppbv	99
65) tert-Butylbenzene	16.77	119	4778922	10.419	ppbv	100
66) Benzyl Chloride	17.01	91	644239	12.708	ppbv	99
67) sec-Butylbenzene	17.32	105	6700419	10.350	ppbv	100
69) p-Isopropyltoluene	17.68	119	5520658	10.920	ppbv	100
70) n-Butylbenzene	18.57	91	5745265	10.960	ppbv	99
71) 2-Chlorotoluene	15.48	91	4248048	10.718	ppbv	99
72) 4-Ethyltoluene	15.86	105	4764157	11.069	ppbv	100
73) 1,3,5-Trimethylbenzene	16.02	105	4316309	10.745	ppbv	99
74) 1,2,4-Trimethylbenzene	16.79	105	4465043	10.387	ppbv	99
75) 1,3-Dichlorobenzene	17.02	146	2569045	10.618	ppbv	99
76) 1,4-Dichlorobenzene	17.16	146	2490206	10.366	ppbv	99
77) 1,2-Dichlorobenzene	17.84	146	2483667	10.920	ppbv	100
78) Hexachloro-1,3-Butadiene	23.40	225	1782828	8.753	ppbv	99
79) Naphthalene	22.23	128	2965330	11.822	ppbv	99
80) Naphthalene, 2-methyl-	25.00	142	636550	12.869	ppbv	93
81) 1,2,4-Trichlorobenzene	21.96	180	1722987	11.125	ppbv	98

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

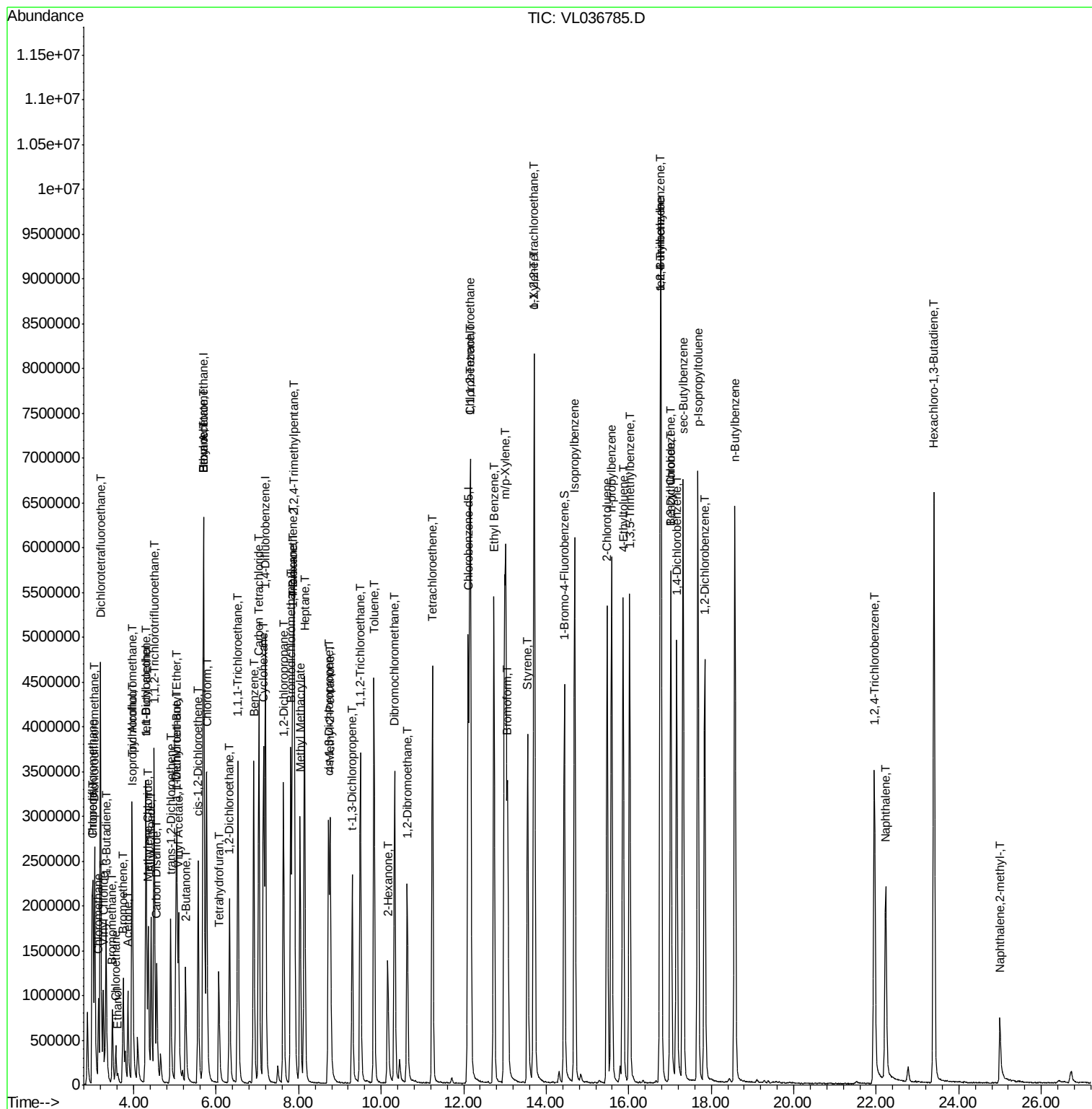
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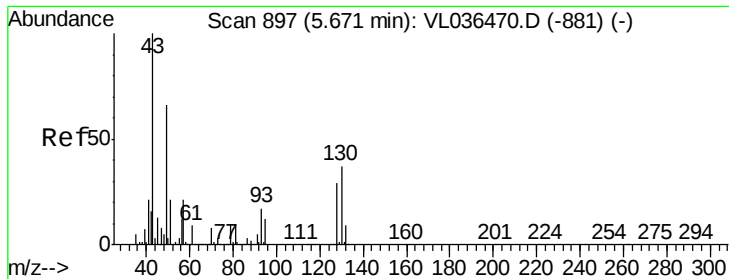
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QLast Update : Thu Mar 25 09:42:40 2021
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 900

Delta R.T. 0.01 min

Lab File: VL036785.D

Acq: 12 Apr 2021 9:26

Instrument :

MSVOA_L

ClientSampleId :

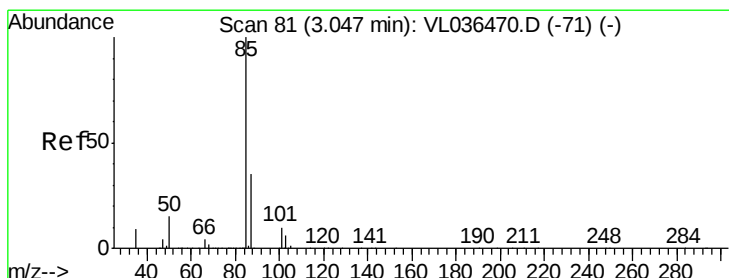
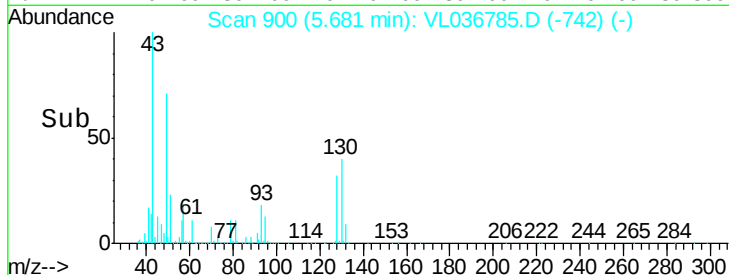
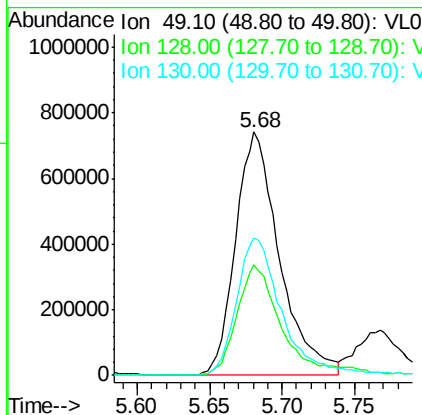
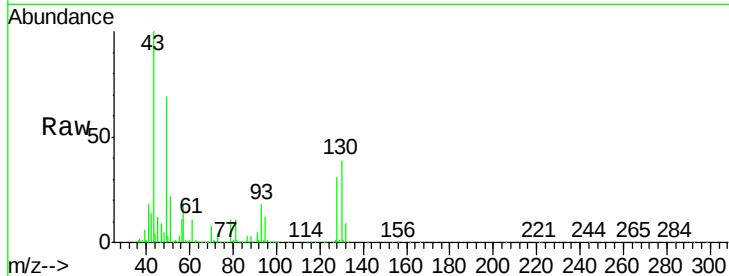
VSTDCCC010

Tot Ion: 49 Resp: 1560107

Ion	Ratio	Lower	Upper
49	100		
128	47.5	23.5	70.6
130	59.1	29.1	87.4

Manual Integrations
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#2

Dichlorodifluoromethane

Concen: 8.917 ppbv

RT: 3.05 min Scan# 83

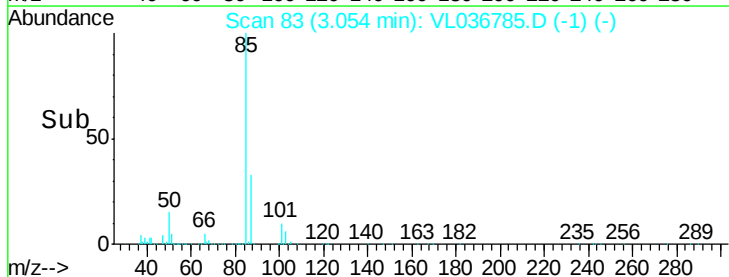
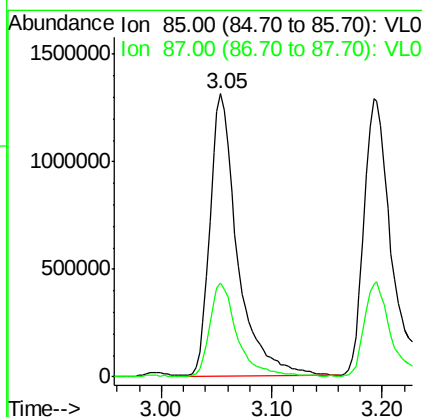
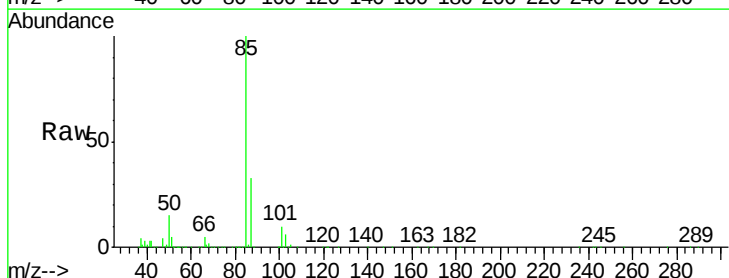
Delta R.T. 0.01 min

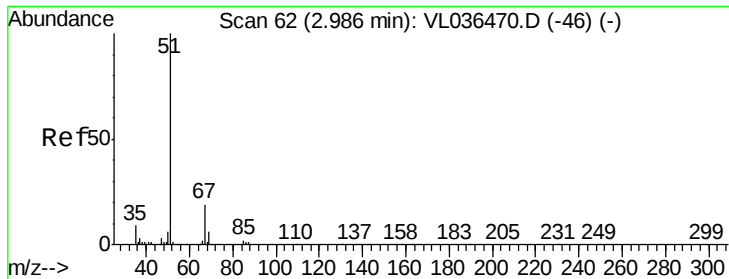
Lab File: VL036785.D

Acq: 12 Apr 2021 9:26

Tgt Ion: 85 Resp: 2269132

Ion	Ratio	Lower	Upper
85	100		
87	33.0	27.8	41.8





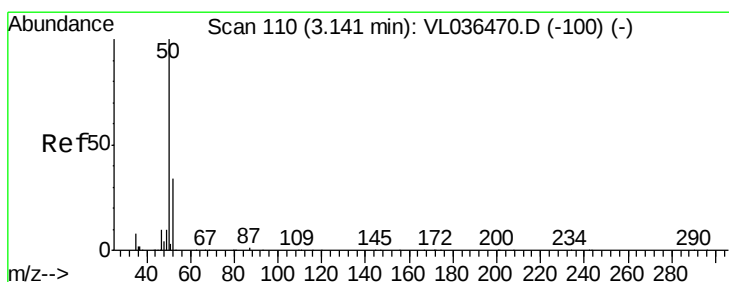
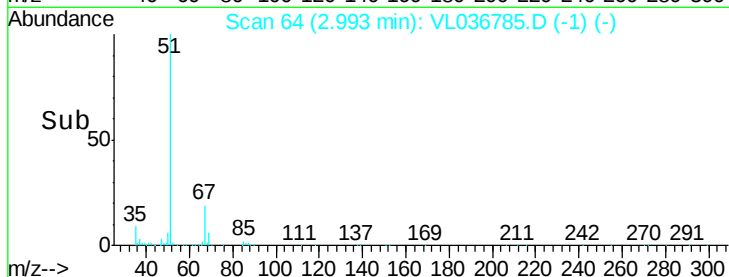
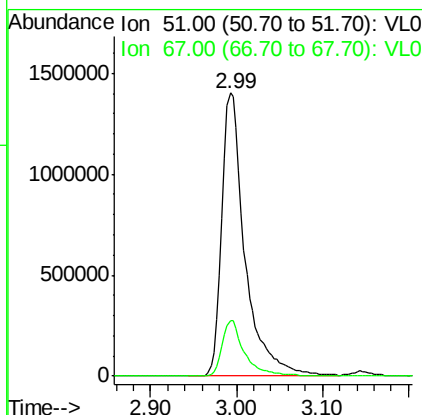
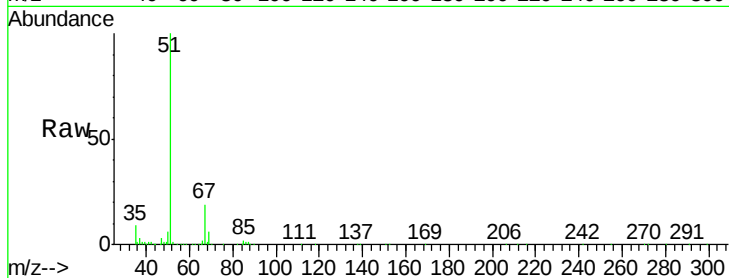
#3
Chlorodifluoromethane
Concen: 9.067 ppbv
RT: 2.99 min Scan# 64
Delta R.T. 0.01 min
Lab File: VL036785.D
Acq: 12 Apr 2021 9:26

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ClientSampleId :
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Tot Ion: 51 Resp: 2642900
Ion Ratio Lower Upper
51 100
67 19.0 14.7 22.1

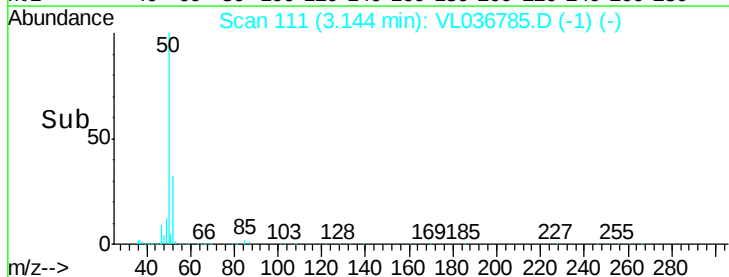
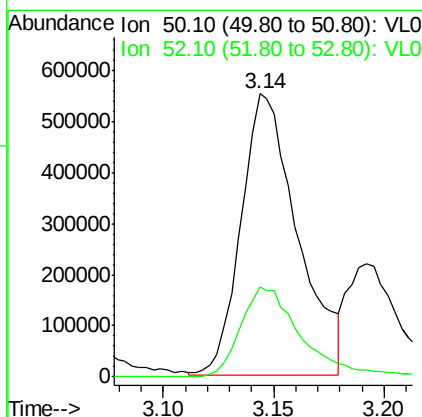
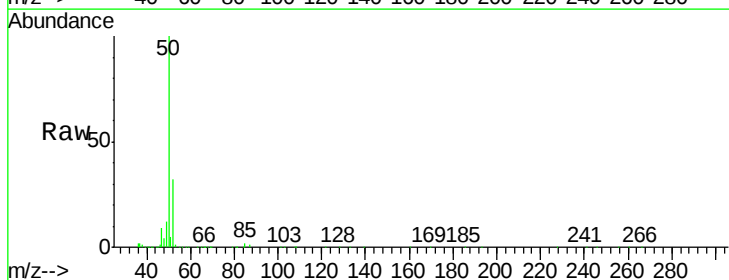
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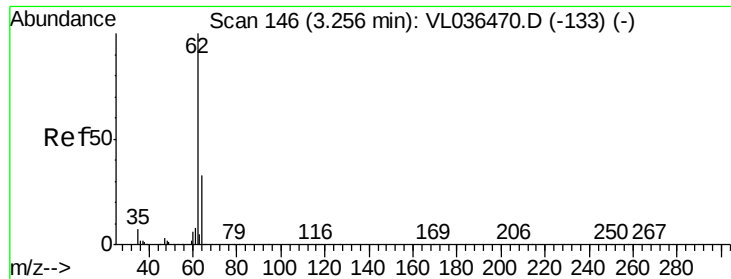
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#4
Chloromethane
Concen: 9.532 ppbv
RT: 3.14 min Scan# 111
Delta R.T. 0.00 min
Lab File: VL036785.D
Acq: 12 Apr 2021 9:26

Tgt Ion: 50 Resp: 981416
Ion Ratio Lower Upper
50 100
52 32.1 27.0 40.6





#5

Vinyl Chloride

Concen: 8.891 ppbv

RT: 3.26 min Scan# 148

Delta R.T. 0.01 min

Lab File: VL036785.D

Acq: 12 Apr 2021 9:26

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion: 62 Resp: 941218

Ion Ratio Lower Upper

62 100

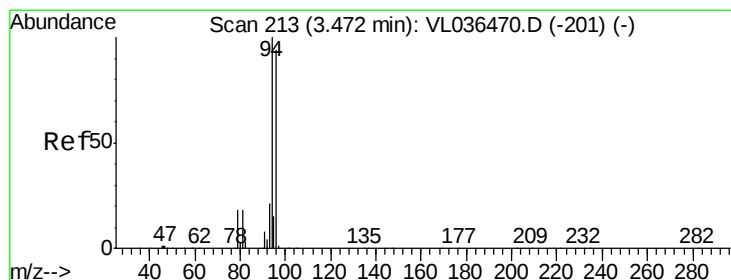
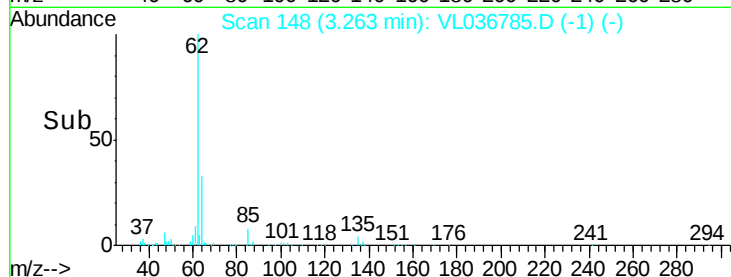
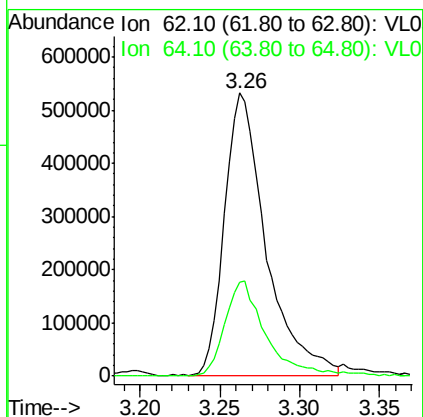
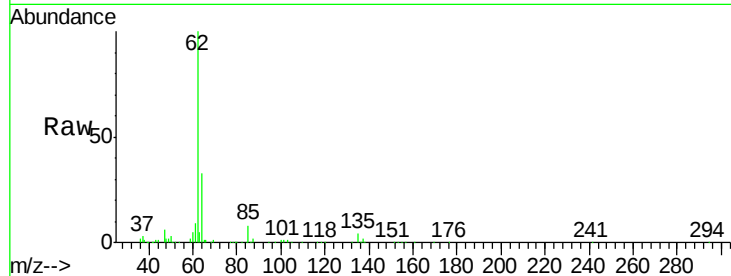
64 33.2 26.4 39.6

Manual Integrations

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#6

Bromomethane

Concen: 9.399 ppbv

RT: 3.48 min Scan# 216

Delta R.T. 0.01 min

Lab File: VL036785.D

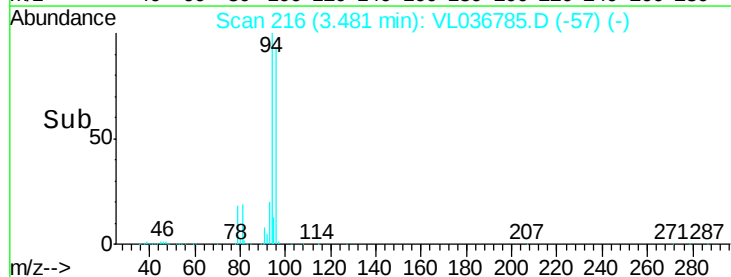
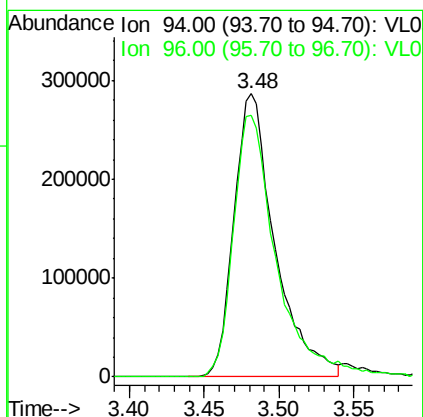
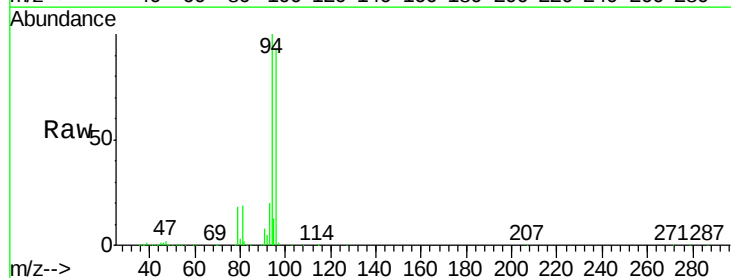
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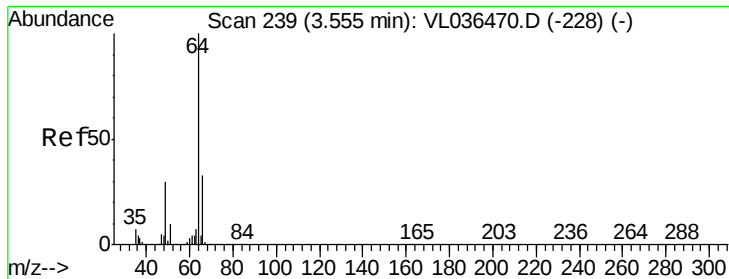
Tgt Ion: 94 Resp: 547835

Ion Ratio Lower Upper

94 100

96 92.6 74.9 112.3





#7

Chloroethane

Concen: 9.254 ppbv

RT: 3.56 min Scan# 241

Delta R.T. 0.01 min

Lab File: VL036785.D

Acq: 12 Apr 2021 9:26

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Tot Ion: 64 Resp: 336626

Ion Ratio Lower Upper

64 100

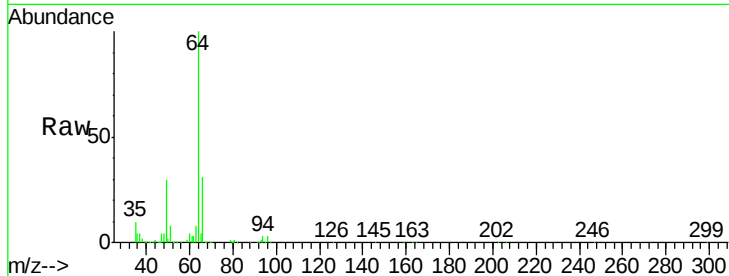
66 31.1 26.2 39.2

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Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0

3.56

200000

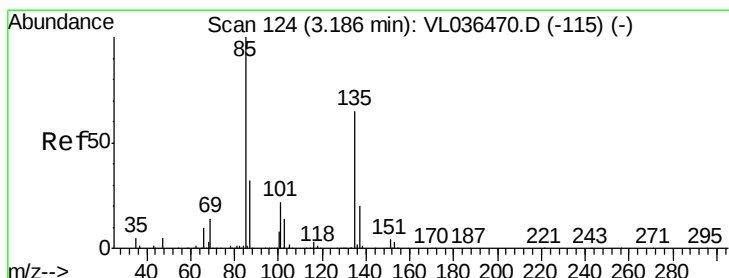
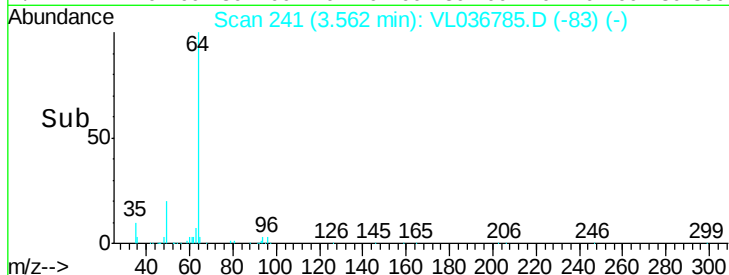
150000

100000

50000

0

Time-->



#8

Dichlorotetrafluoroethane

Concen: 9.323 ppbv

RT: 3.19 min Scan# 126

Delta R.T. 0.01 min

Lab File: VL036785.D

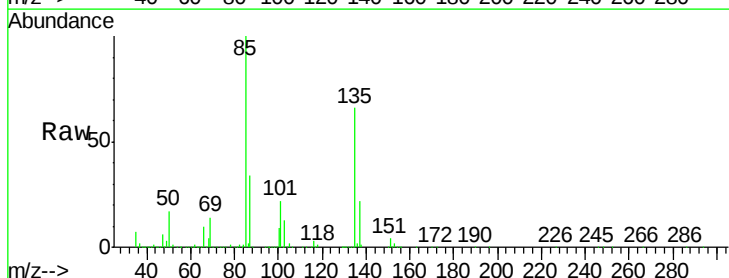
Acq: 12 Apr 2021 9:26

Tgt Ion: 85 Resp: 2264158

Ion Ratio Lower Upper

85 100

135 68.0 54.3 81.5



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V

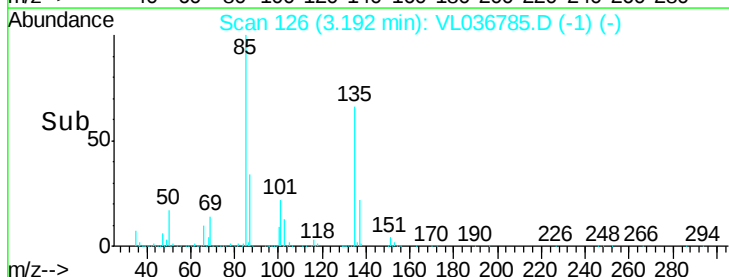
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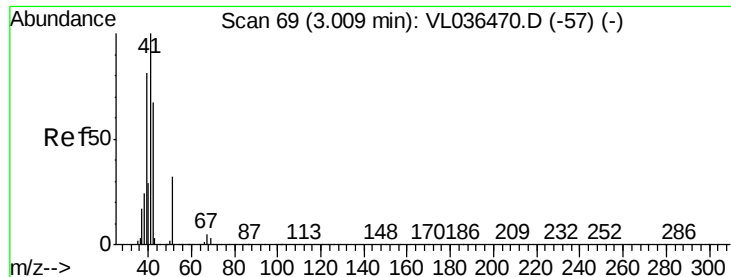
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Time-->





#9

Propene

Concen: 9.056 ppbv

RT: 3.02 min Scan# 71

Delta R.T. 0.01 min

Lab File: VL036785.D

Acq: 12 Apr 2021 9:26

Tot Ion: 41 Resp: 841526

Ion Ratio Lower Upper

41 100

42 72.2 57.0 85.4

Instrument :

MSVOA_L

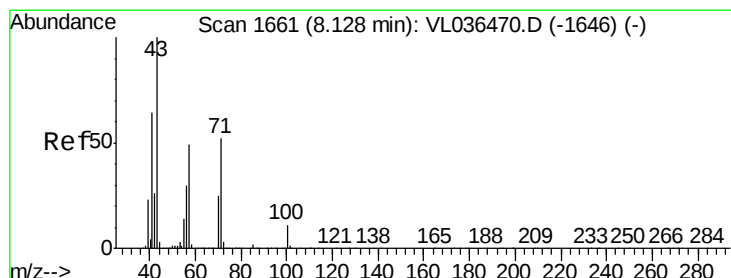
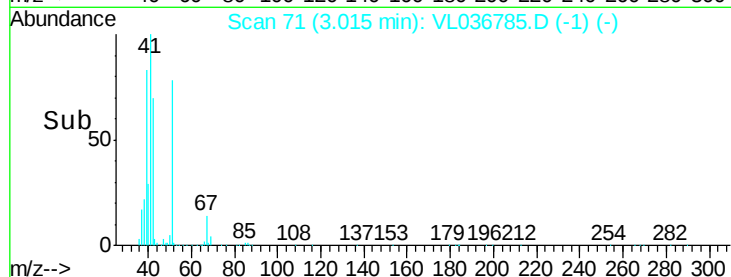
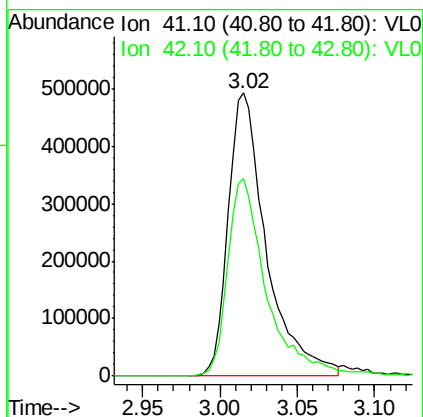
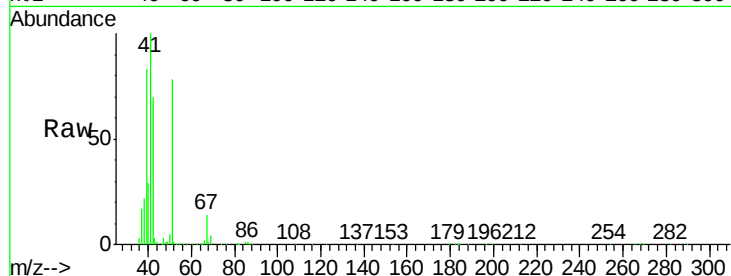
ClientSampleId :

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#10

Heptane

Concen: 9.438 ppbv

RT: 8.14 min Scan# 1665

Delta R.T. 0.01 min

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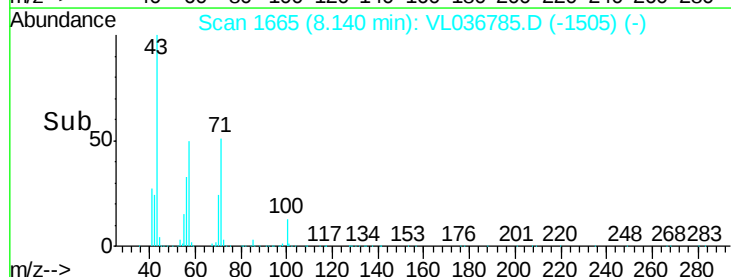
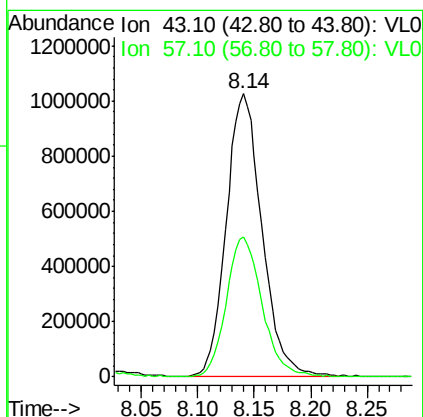
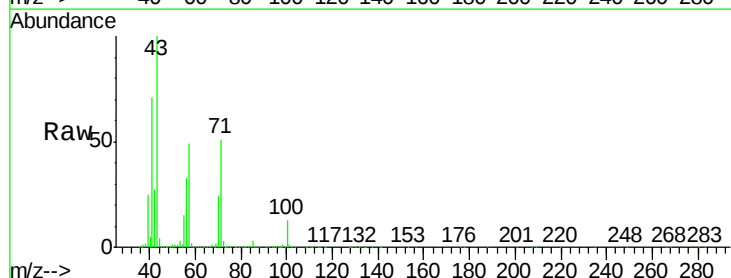
Acq: 12 Apr 2021 9:26

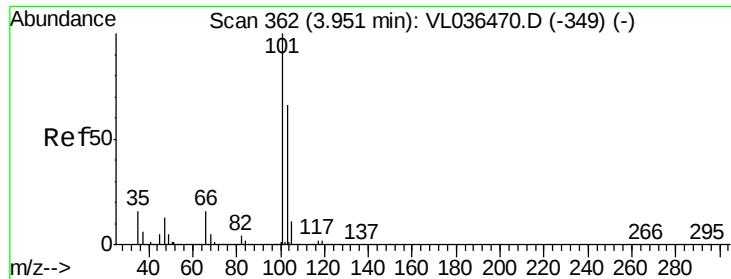
Tgt Ion: 43 Resp: 2234147

Ion Ratio Lower Upper

43 100

57 50.1 39.0 58.6





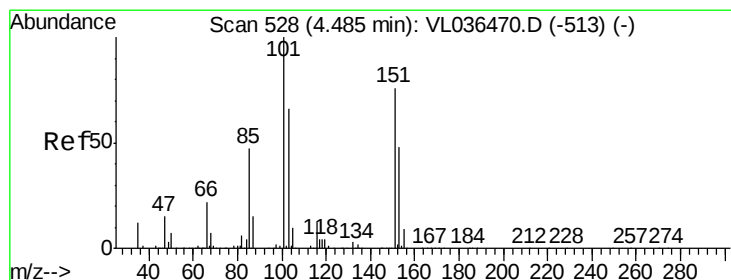
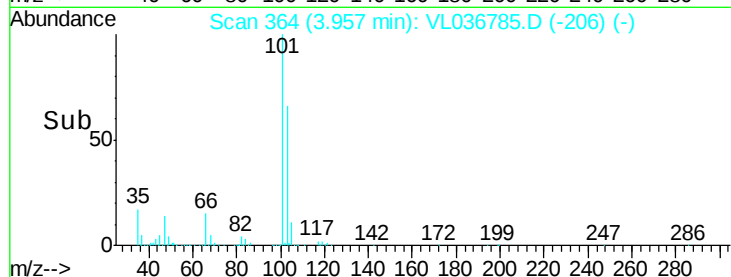
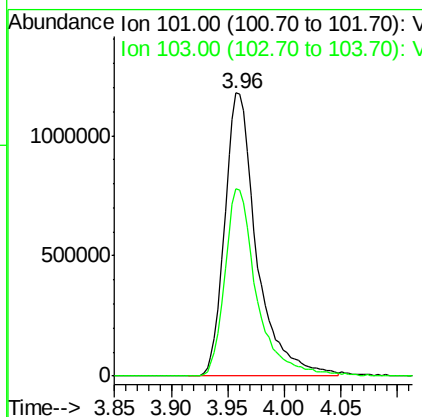
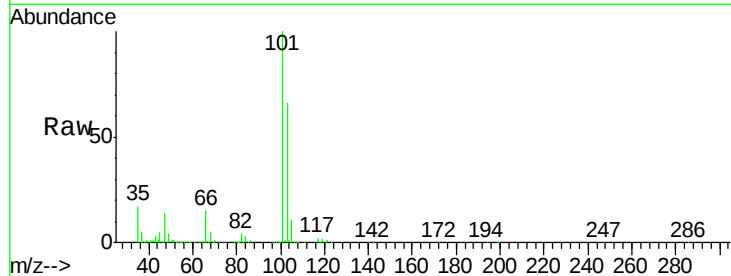
#11
 Trichlorofluoromethane
 Concen: 8.987 ppbv
 RT: 3.96 min Scan# 364
 Delta R.T. 0.01 min
 Lab File: VL036785.D
 Acq: 12 Apr 2021 9:26

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion:101 Resp: 2330435
 Ion Ratio Lower Upper
 101 100
 103 66.2 52.5 78.7

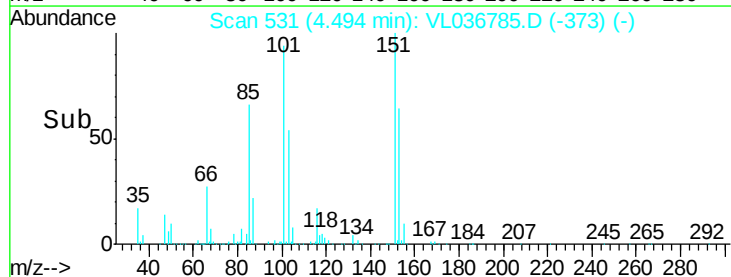
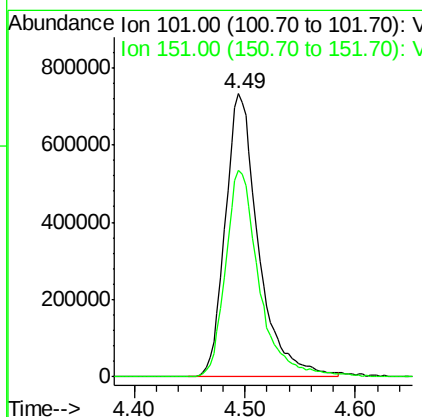
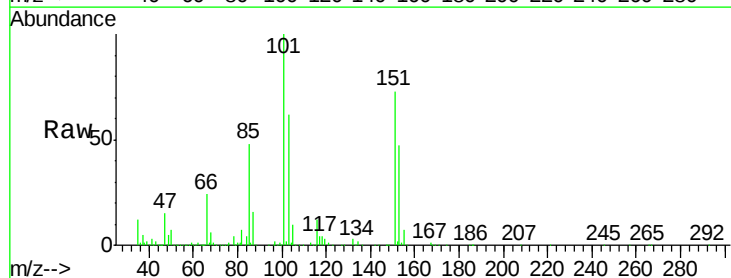
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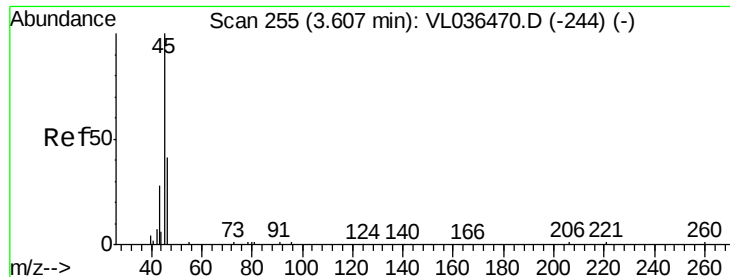
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#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.228 ppbv
 RT: 4.49 min Scan# 531
 Delta R.T. 0.01 min
 Lab File: VL036785.D
 Acq: 12 Apr 2021 9:26

Tgt Ion:101 Resp: 1529965
 Ion Ratio Lower Upper
 101 100
 151 74.3 60.9 91.3





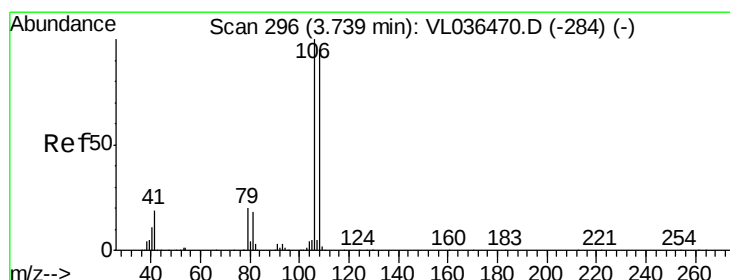
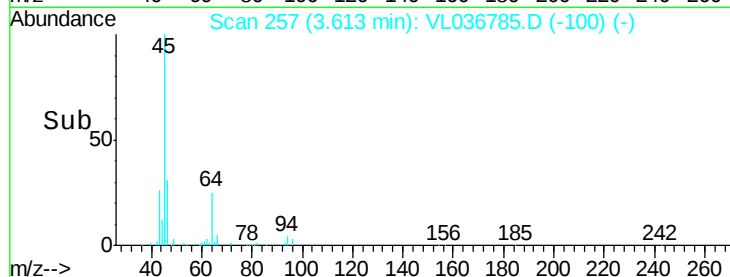
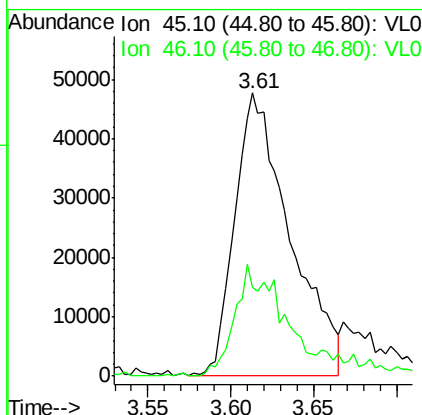
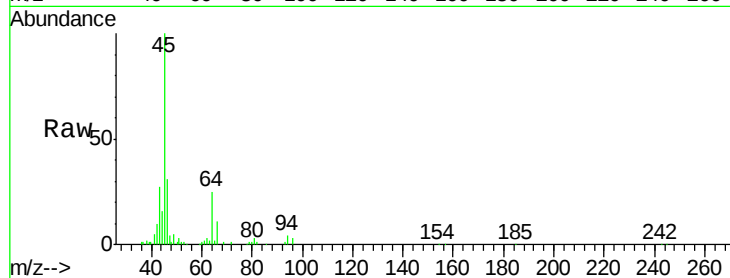
#13
Ethanol
Concen: 9.982 ppbv
RT: 3.61 min Scan# 257
Delta R.T. 0.01 min
Lab File: VL036785.D
Acq: 12 Apr 2021 9:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

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

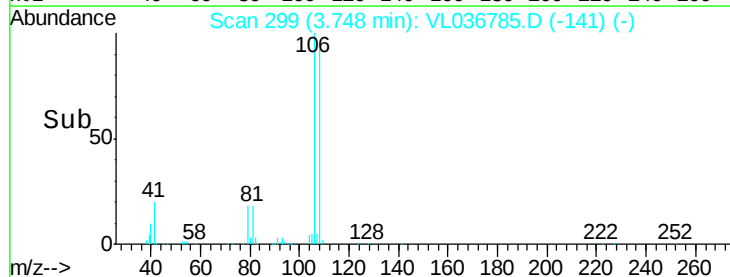
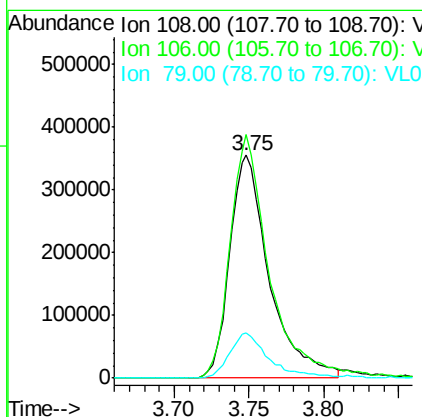
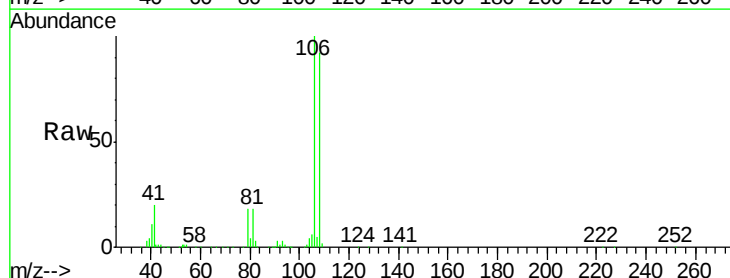
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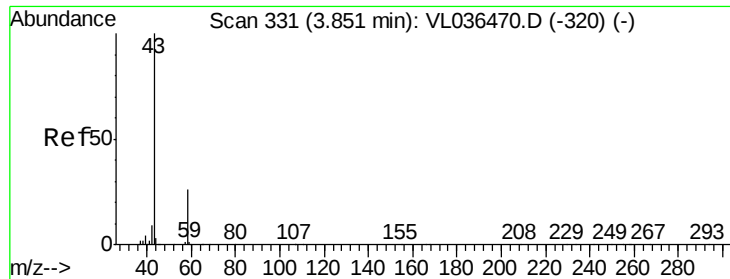
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#14
Bromoethene
Concen: 9.486 ppbv
RT: 3.75 min Scan# 299
Delta R.T. 0.01 min
Lab File: VL036785.D
Acq: 12 Apr 2021 9:26

Tgt Ion	108	106	79	Ratio	Lower	Upper
108	100					
106	109.8			89.0	133.6	
79	21.0			16.6	25.0	





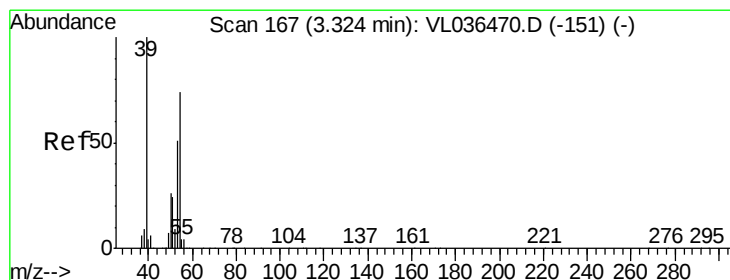
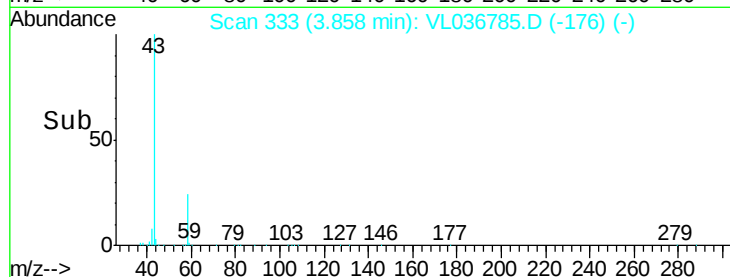
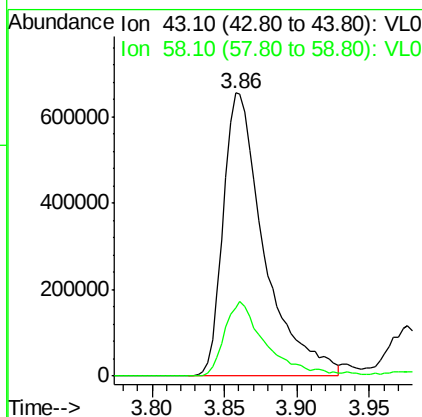
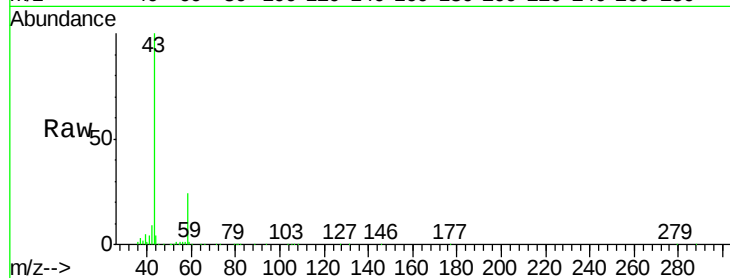
#15
Acetone
Concen: 8.398 ppbv
RT: 3.86 min Scan# 333
Delta R.T. 0.01 min
Lab File: VL036785.D
Acq: 12 Apr 2021 9:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion: 43 Resp: 1289538
Ion Ratio Lower Upper
43 100
58 26.6 21.2 31.8

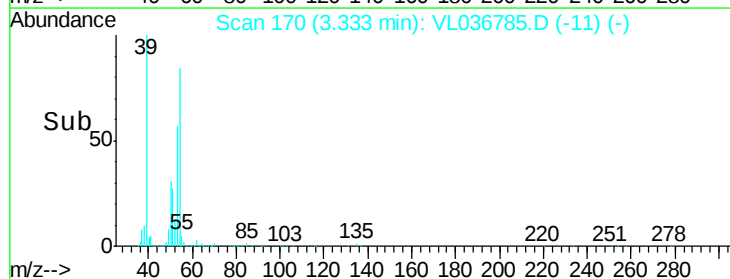
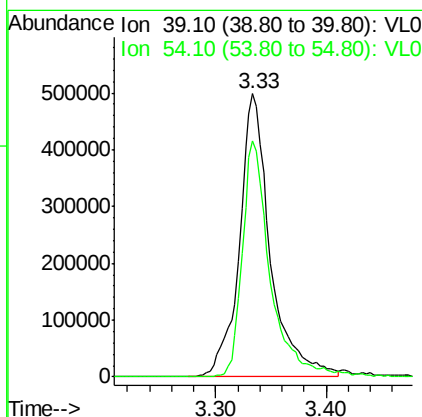
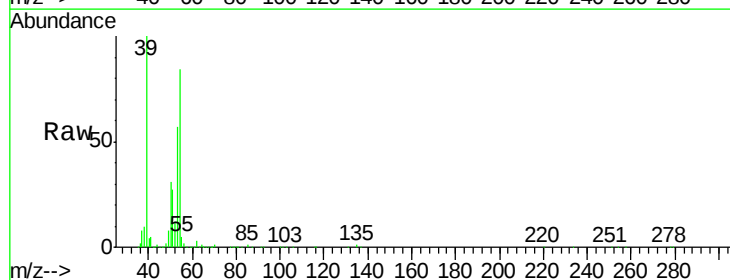
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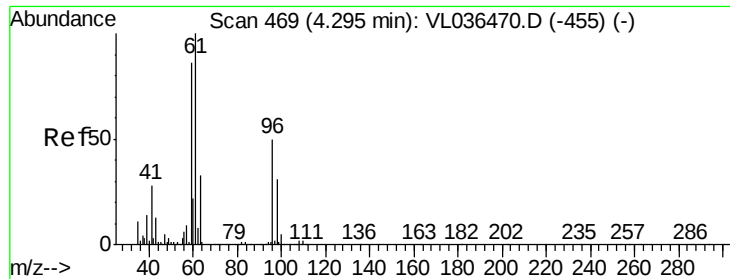
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#16
1,3-Butadiene
Concen: 8.982 ppbv
RT: 3.33 min Scan# 170
Delta R.T. 0.01 min
Lab File: VL036785.D
Acq: 12 Apr 2021 9:26

Tgt Ion: 39 Resp: 960233
Ion Ratio Lower Upper
39 100
54 76.4 58.8 88.2





#17

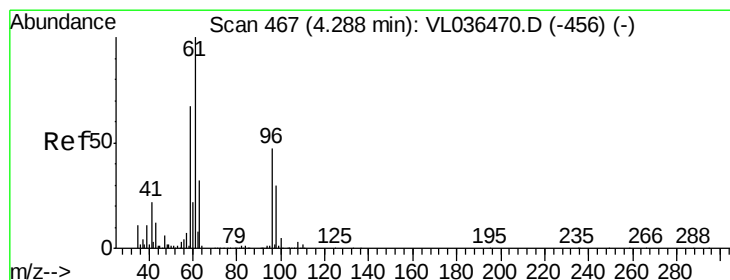
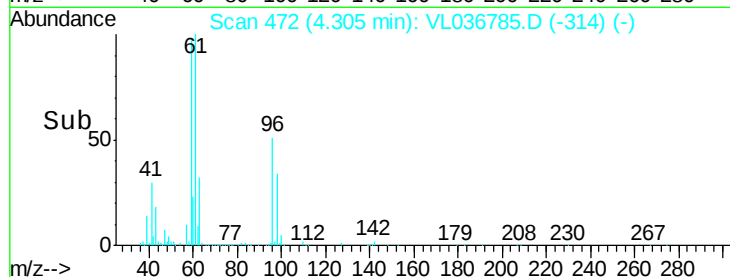
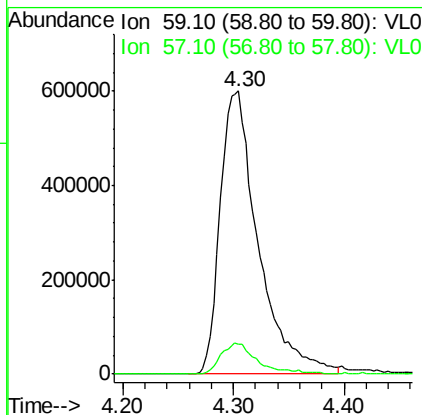
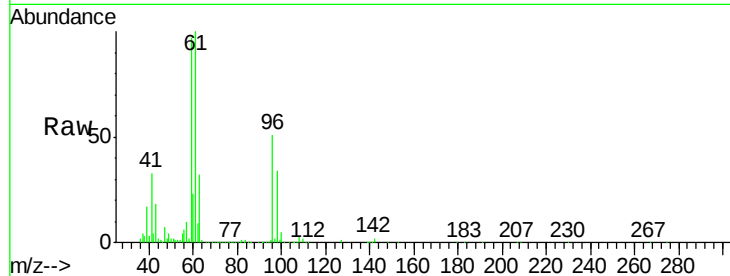
tert-Butyl alcohol
Concen: 10.752 ppbv
RT: 4.30 min Scan# 472
Delta R.T. 0.01 min
Lab File: VL036785.D
Acq: 12 Apr 2021 9:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion: 59 Resp: 1437191
Ion Ratio Lower Upper
59 100
57 10.5 8.6 12.8

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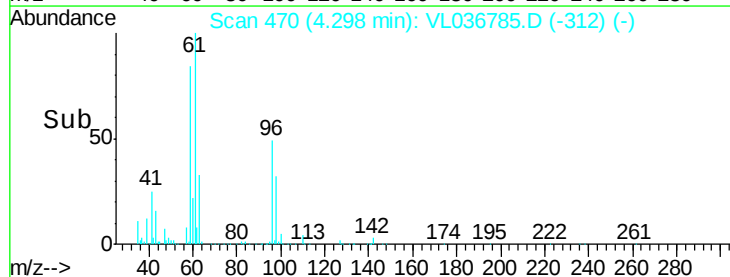
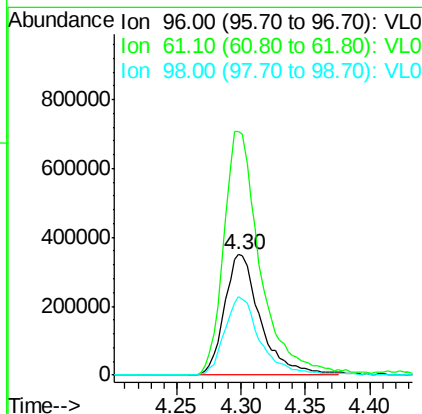
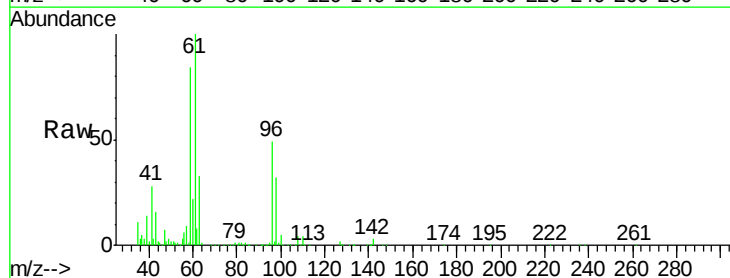
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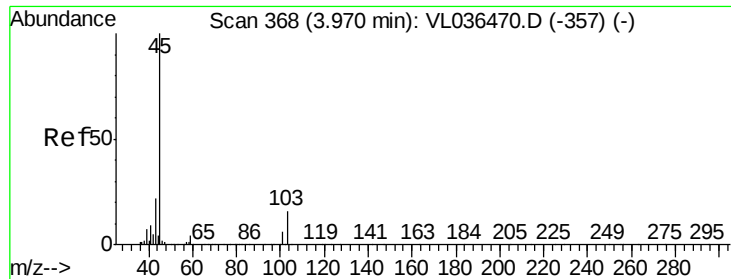


#18

1,1-Dichloroethene
Concen: 9.174 ppbv
RT: 4.30 min Scan# 470
Delta R.T. 0.01 min
Lab File: VL036785.D
Acq: 12 Apr 2021 9:26

Tgt Ion: 96 Resp: 676563
Ion Ratio Lower Upper
96 100
61 202.0 168.6 253.0
98 64.7 50.8 76.2





#19

Isopropyl Alcohol

Concen: 9.754 ppbv

RT: 3.98 min Scan# 370

Delta R.T. 0.01 min

Lab File: VL036785.D

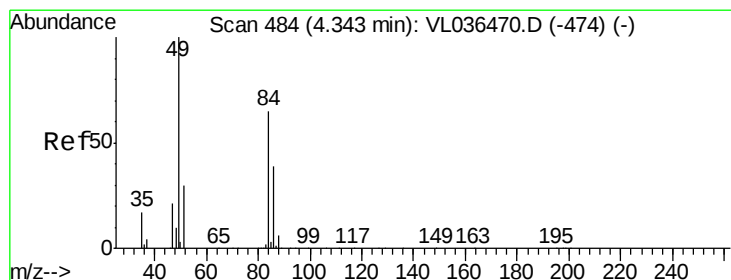
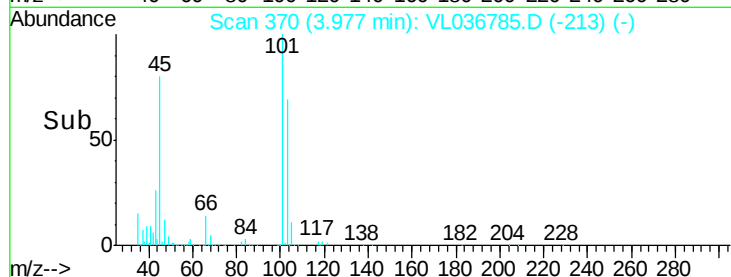
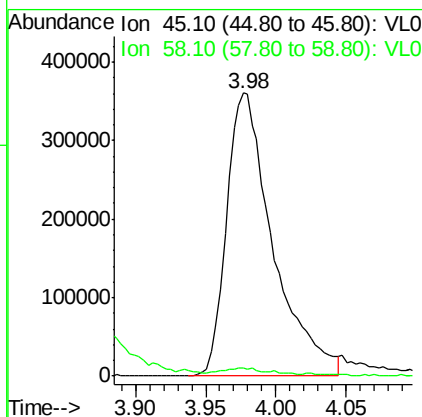
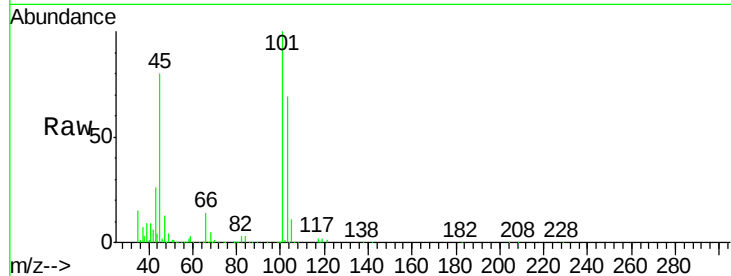
Acq: 12 Apr 2021 9:26

Tot Ion	Ratio	Lower	Upper
45	100		
58	4.1	2.9	4.3

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

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#20

Methylene Chloride

Concen: 8.315 ppbv

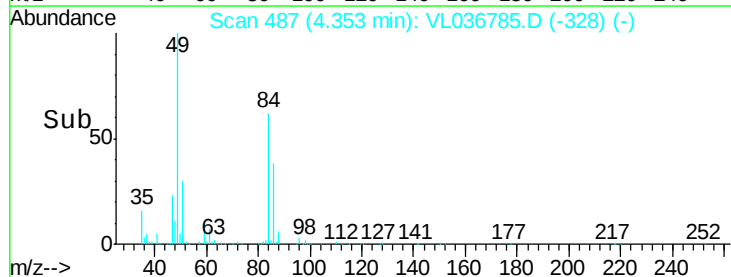
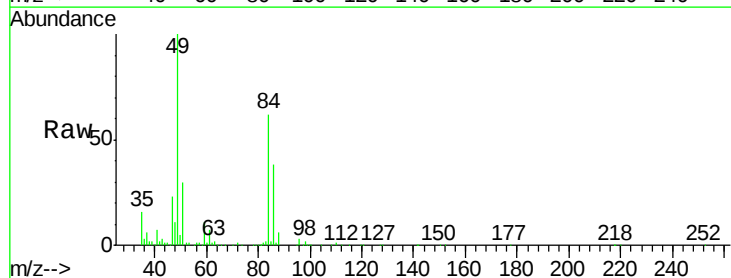
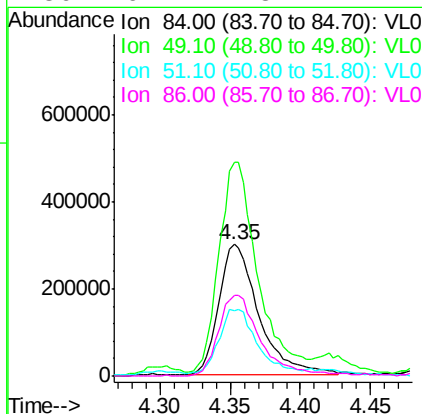
RT: 4.35 min Scan# 487

Delta R.T. 0.01 min

Lab File: VL036785.D

Acq: 12 Apr 2021 9:26

Tgt Ion	Ratio	Lower	Upper
84	100		
49	160.2	122.9	184.3
51	48.0	36.9	55.3
86	61.7	48.2	72.4





#21

Allvl Chloride

Concen: 9.061 ppbv

RT: 4.42 min Scan# 508

Delta R.T. 0.01 min

Lab File: VL036785.D

Acq: 12 Apr 2021 9:26

Instrument :

MSVOA_L

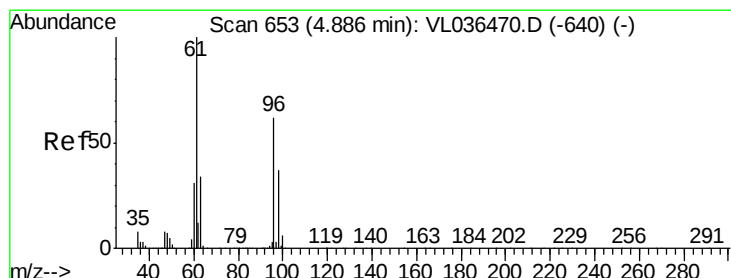
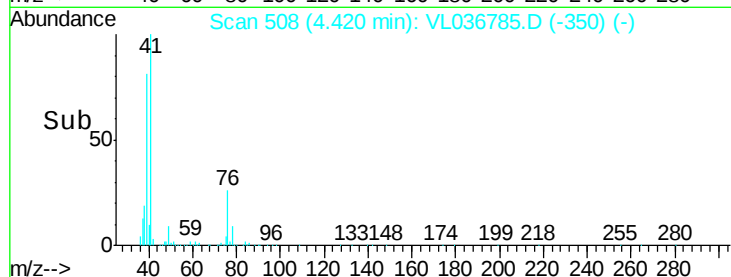
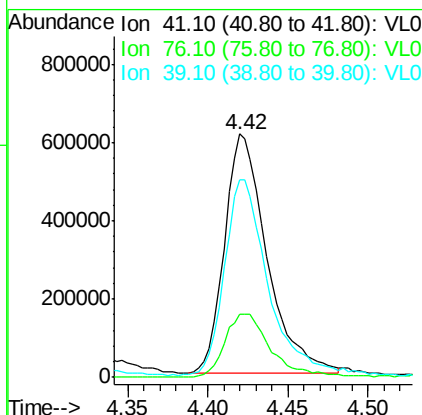
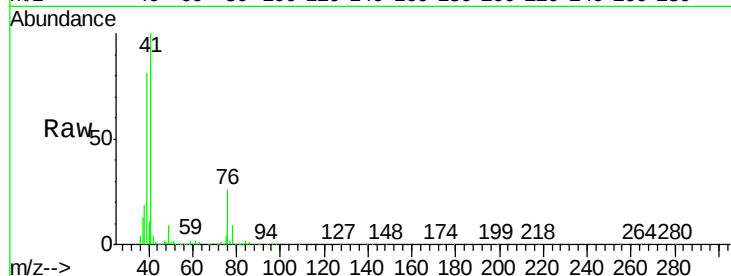
ClientSampleId :

VSTDCCC010

Tot Ion:	41	Resp:	1109106
Ion	Ratio	Lower	Upper
41	100		
76	28.7	22.9	34.3
39	85.7	67.3	100.9

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#22

trans-1,2-Dichloroethene

Concen: 9.107 ppbv

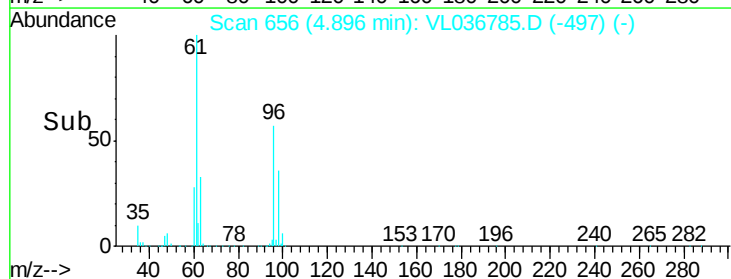
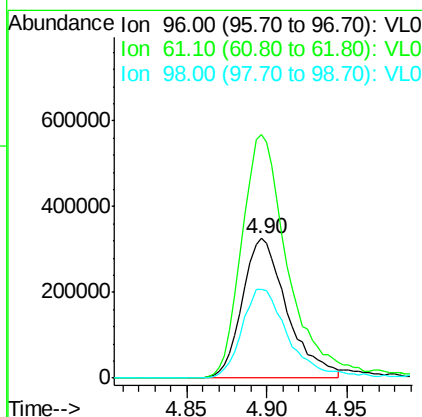
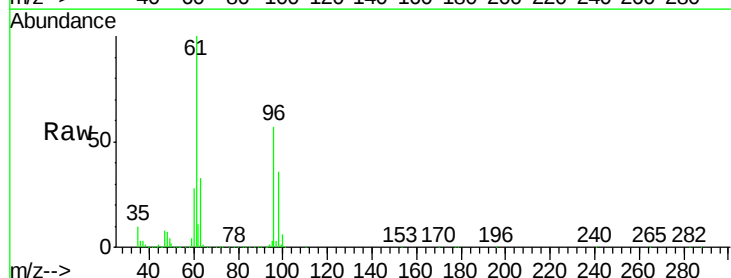
RT: 4.90 min Scan# 656

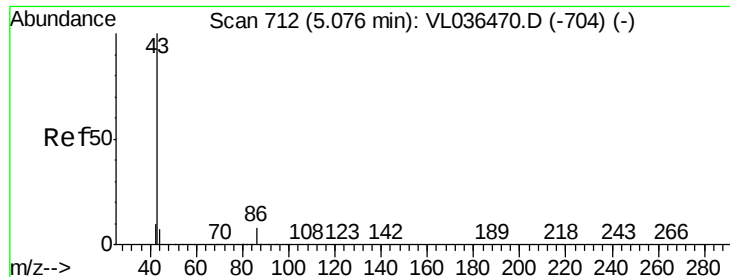
Delta R.T. 0.01 min

Lab File: VL036785.D

Acq: 12 Apr 2021 9:26

Tgt Ion:	96	Resp:	622642
Ion	Ratio	Lower	Upper
96	100		
61	174.1	129.4	194.0
98	63.6	48.2	72.4





#23

Vinyl Acetate

Concen: 9.543 ppbv

RT: 5.09 min Scan# 715

Delta R.T. 0.01 min

Lab File: VL036785.D

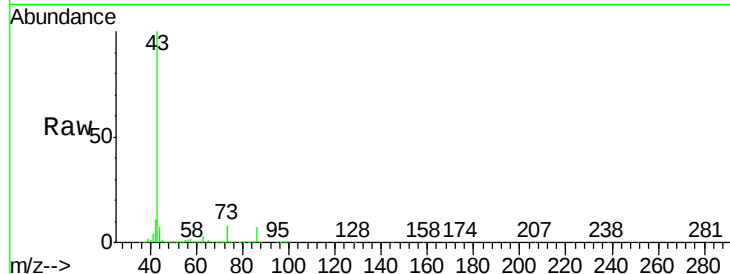
Acq: 12 Apr 2021 9:26

Tot Ion:	43	Resp:	2506517
Ion	Ratio	Lower	Upper
43	100		
86	7.1	5.4	8.0
42	10.6	8.5	12.7
44	6.2	4.6	7.0

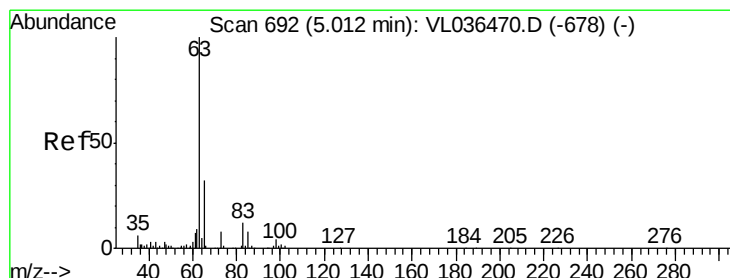
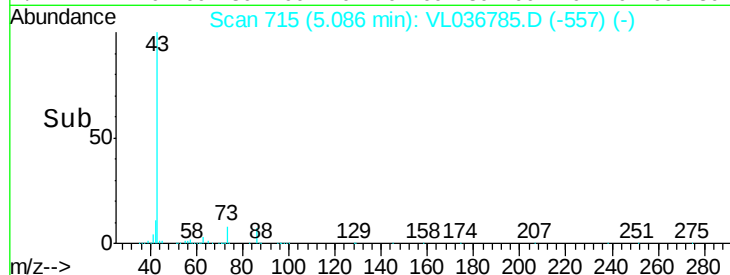
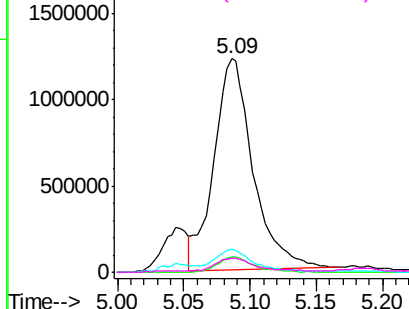
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

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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: 9.233 ppbv

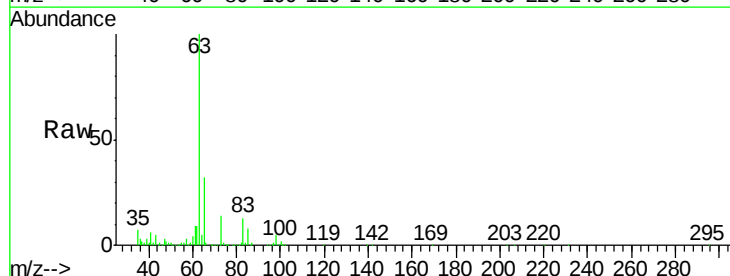
RT: 5.02 min Scan# 696

Delta R.T. 0.01 min

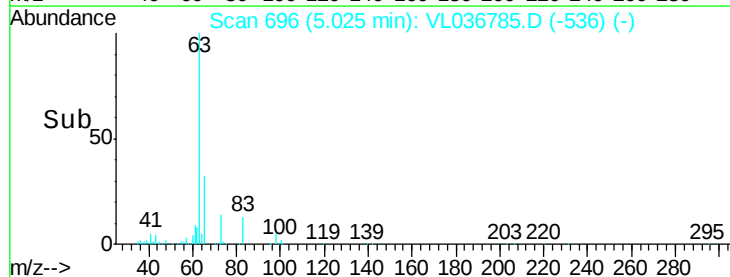
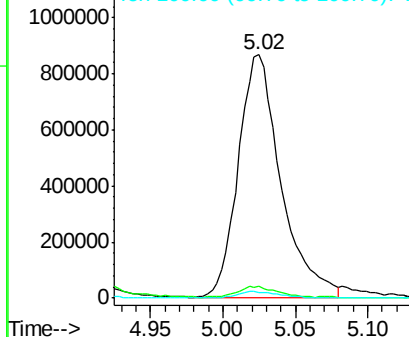
Lab File: VL036785.D

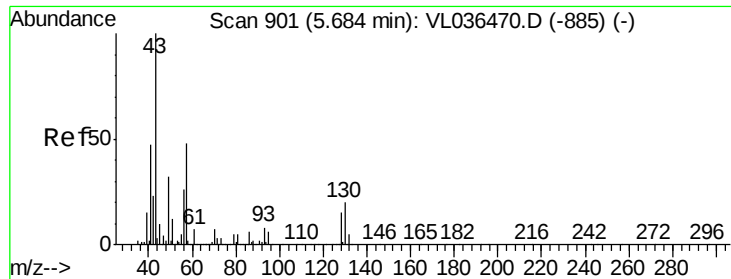
Acq: 12 Apr 2021 9:26

Tgt Ion:	63	Resp:	1767717
Ion	Ratio	Lower	Upper
63	100		
98	4.5	2.1	6.2
100	2.4	0.9	2.8



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





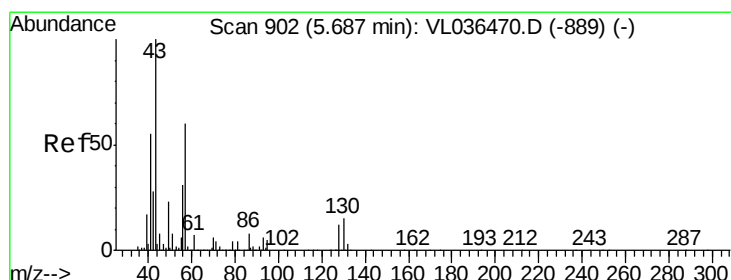
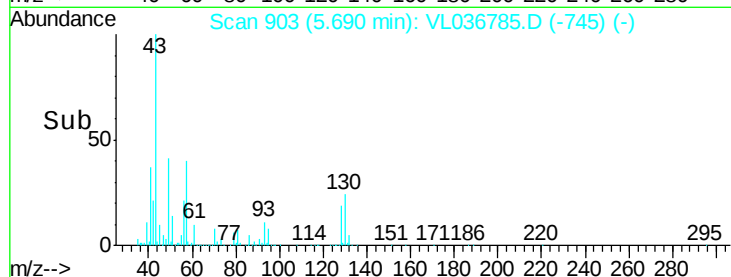
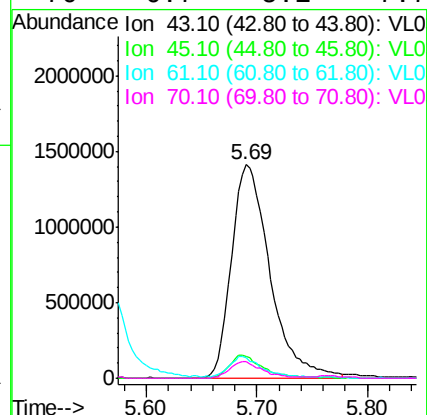
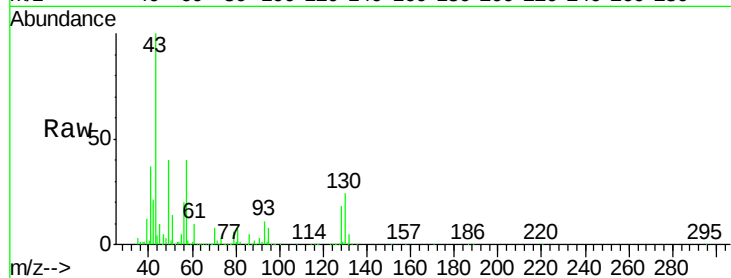
#25
Ethyl Acetate
Concen: 9.319 ppbv
RT: 5.69 min Scan# 903
Delta R.T. 0.01 min
Lab File: VL036785.D
Acq: 12 Apr 2021 9:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
43	100		
45	9.7	7.9	11.9
61	9.3	7.4	11.2
70	6.7	5.1	7.7

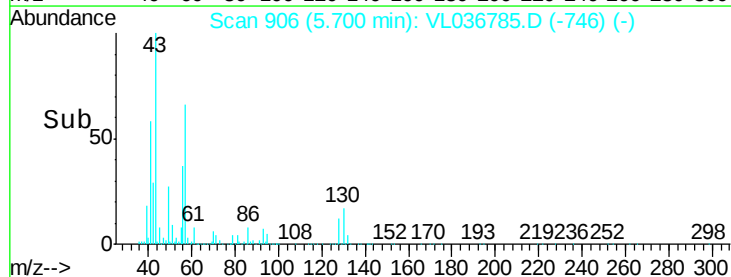
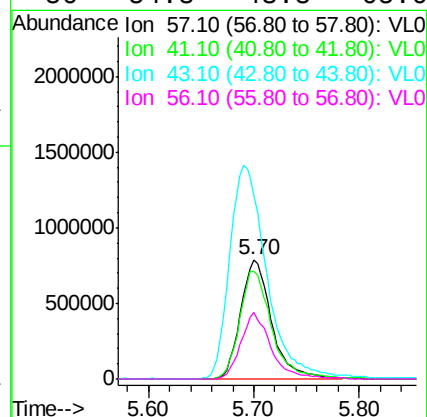
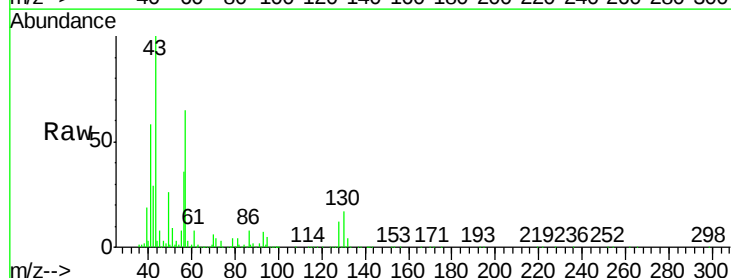
Manual Integrations
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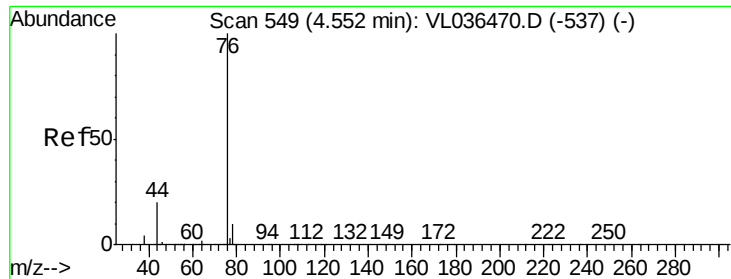
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#26
Hexane
Concen: 9.480 ppbv
RT: 5.70 min Scan# 906
Delta R.T. 0.01 min
Lab File: VL036785.D
Acq: 12 Apr 2021 9:26

Tgt Ion	Ratio	Lower	Upper
57	100		
41	94.9	77.2	115.8
43	214.3	173.8	260.6
56	54.8	43.8	65.6





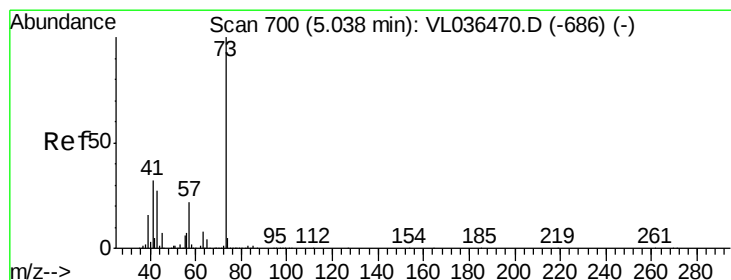
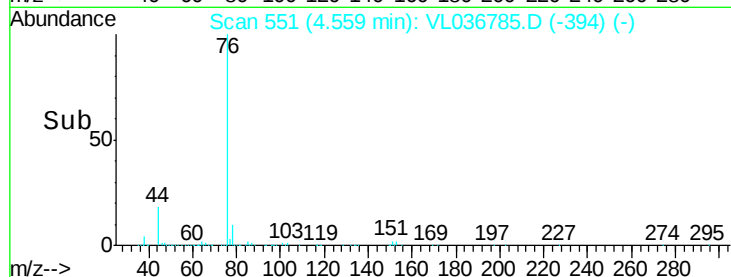
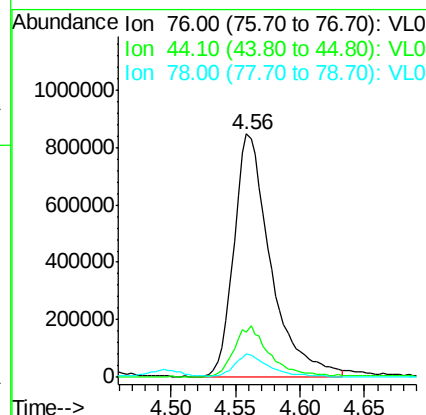
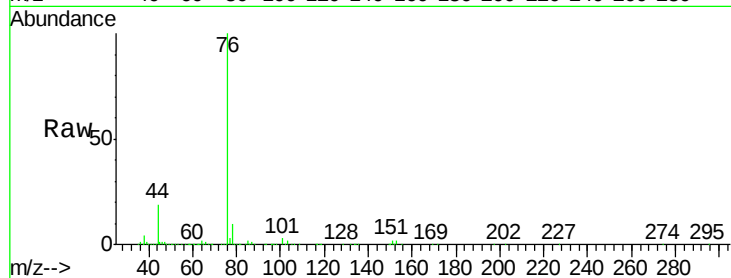
#27
Carbon Disulfide
Concen: 10.014 ppbv
RT: 4.56 min Scan# 551
Delta R.T. 0.01 min
Lab File: VL036785.D
Acq: 12 Apr 2021 9:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
76	100		
44	20.8	17.5	26.3
78	9.6	8.6	13.0

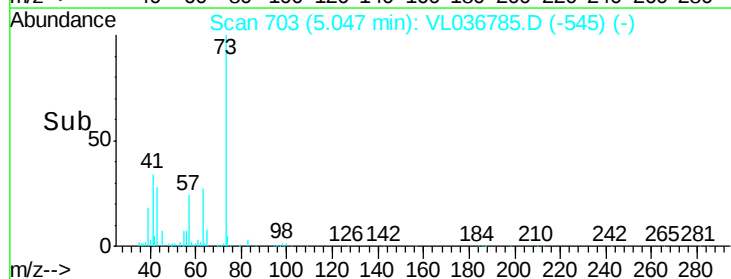
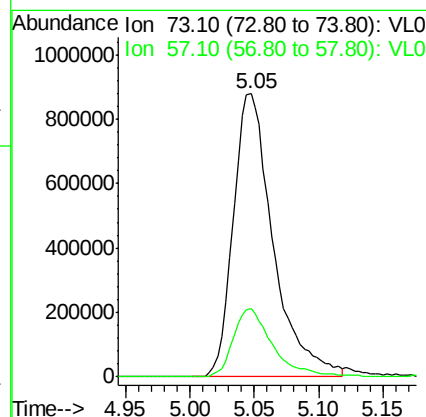
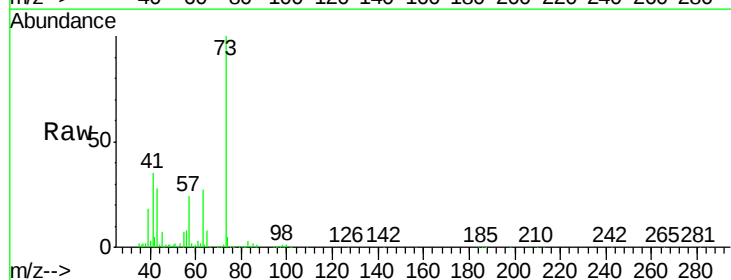
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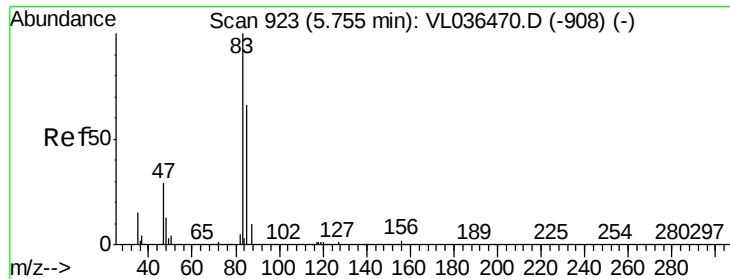
apatel
4/13/2021 10:42:15 AM



#28
Methyl tert-Butyl Ether
Concen: 9.445 ppbv
RT: 5.05 min Scan# 703
Delta R.T. 0.01 min
Lab File: VL036785.D
Acq: 12 Apr 2021 9:26

Tgt Ion	Ratio	Lower	Upper
73	100		
57	24.2	18.5	27.7





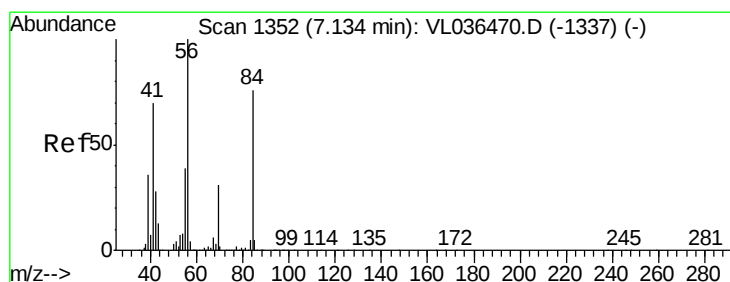
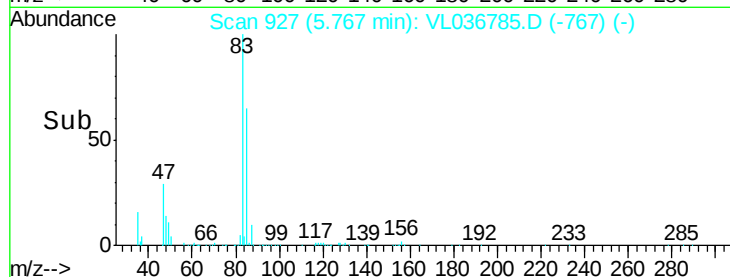
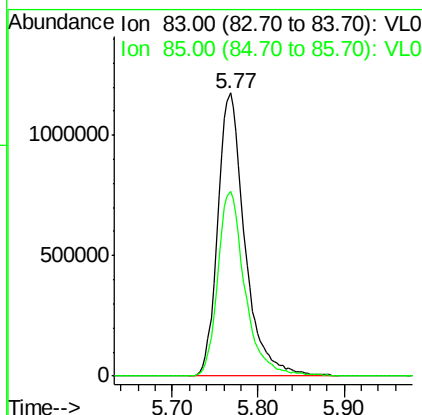
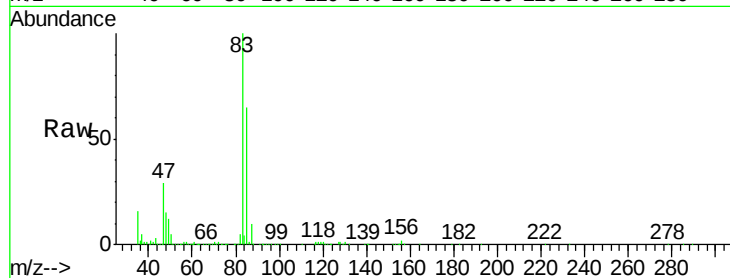
#29
Chloroform
Concen: 9.498 ppbv
RT: 5.77 min Scan# 927
Delta R.T. 0.01 min
Lab File: VL036785.D
Acq: 12 Apr 2021 9:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion: 83 Resp: 2573306
Ion Ratio Lower Upper
83 100
85 64.9 52.6 78.8

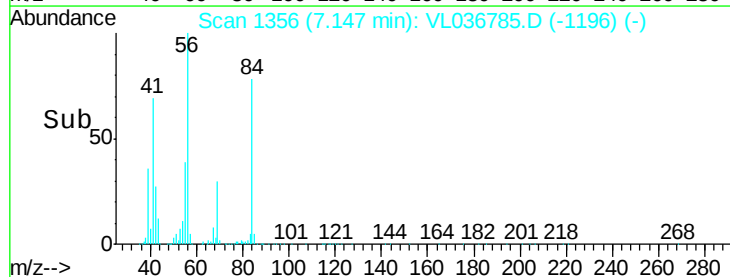
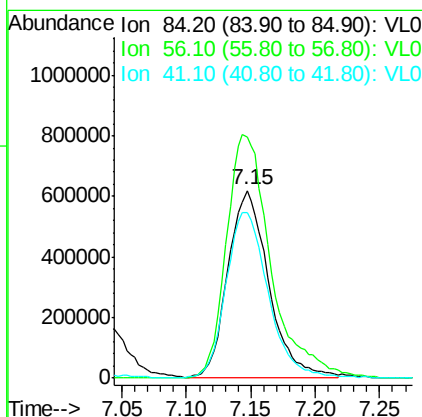
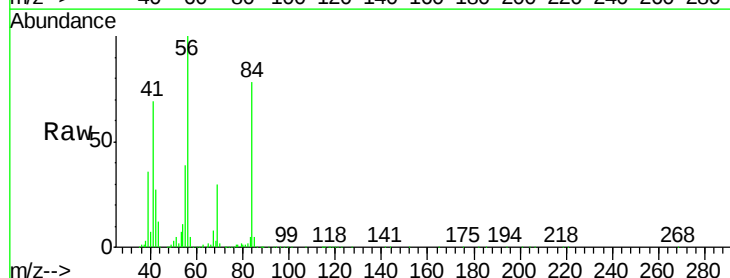
Manual Integrations
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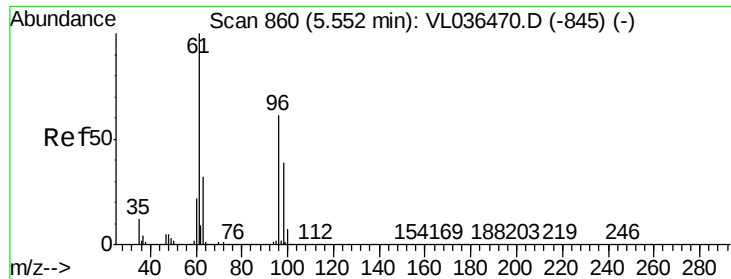
apatel
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#30
Cyclohexane
Concen: 9.812 ppbv
RT: 7.15 min Scan# 1356
Delta R.T. 0.01 min
Lab File: VL036785.D
Acq: 12 Apr 2021 9:26

Tgt Ion: 84 Resp: 1348145
Ion Ratio Lower Upper
84 100
56 144.0 114.6 171.8
41 92.4 75.3 112.9





#31

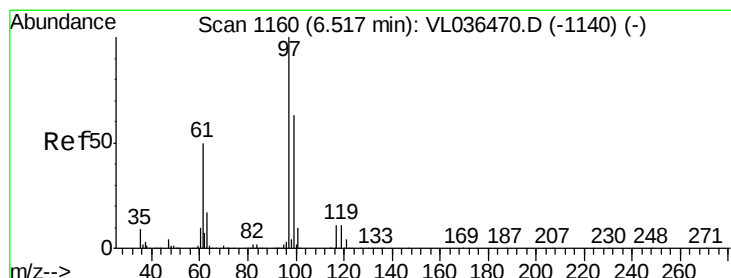
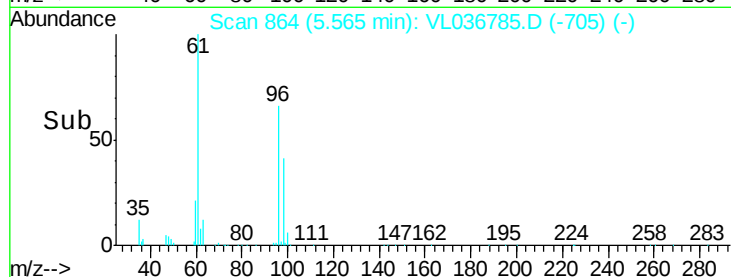
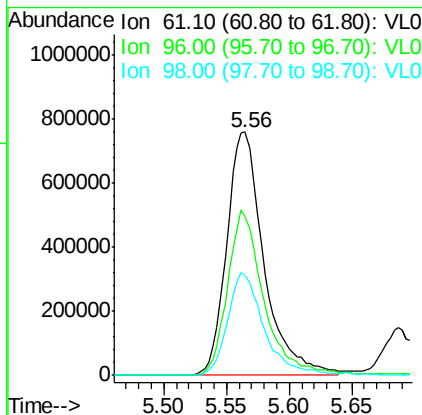
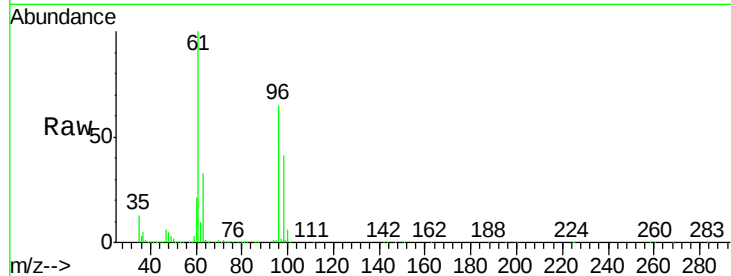
cis-1,2-Dichloroethene
Concen: 9.561 ppbv
RT: 5.56 min Scan# 864
Delta R.T. 0.01 min
Lab File: VL036785.D
Acq: 12 Apr 2021 9:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
61	100		
96	65.2	48.7	73.1
98	41.3	31.4	47.0

Manual Integrations
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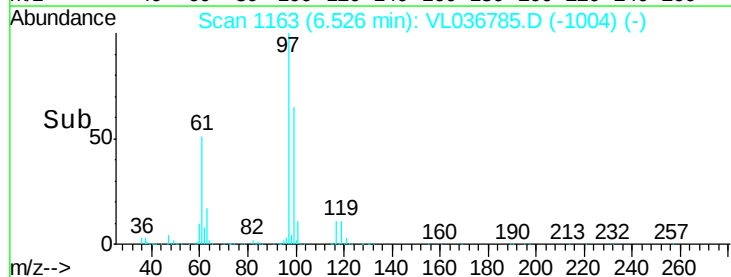
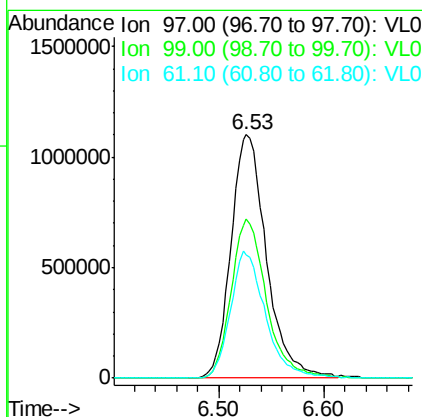
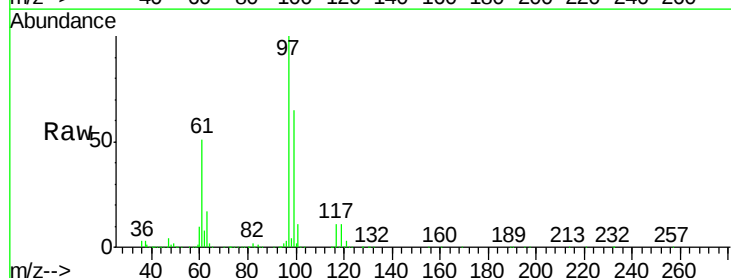
apatel
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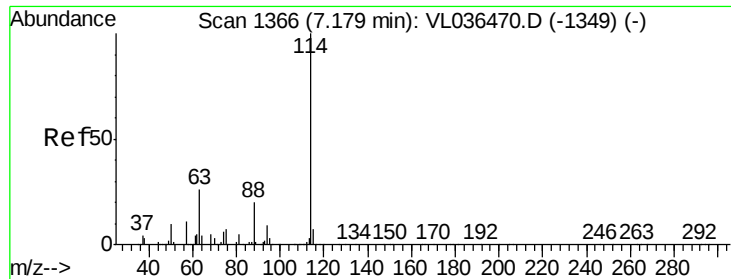


#32

1,1,1-Trichloroethane
Concen: 9.419 ppbv
RT: 6.53 min Scan# 1163
Delta R.T. 0.01 min
Lab File: VL036785.D
Acq: 12 Apr 2021 9:26

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.4	77.0
61	51.1	40.6	60.8





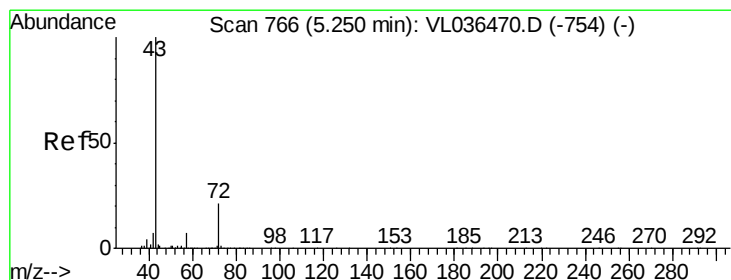
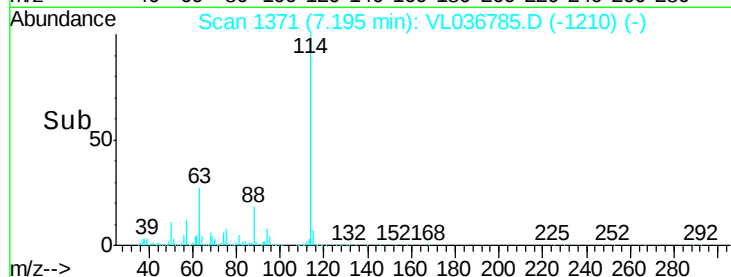
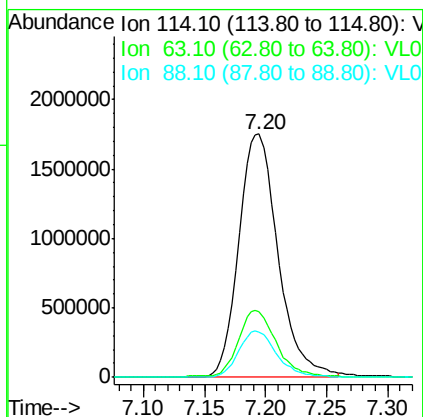
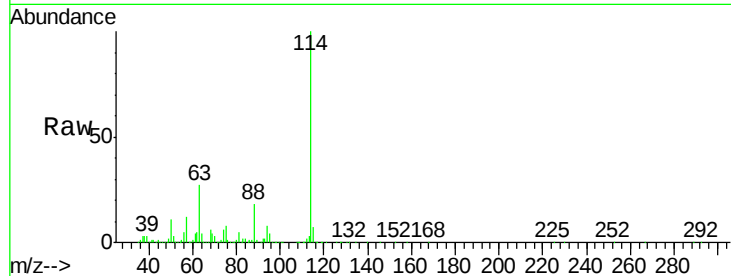
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.20 min Scan# 1371
 Delta R.T. 0.02 min
 Lab File: VL036785.D
 Acq: 12 Apr 2021 9:26

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion	Ratio	Lower	Upper
114	100		
63	27.5	22.4	33.6
88	18.8	15.4	23.0

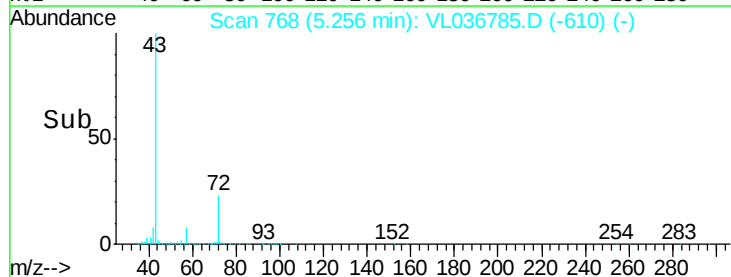
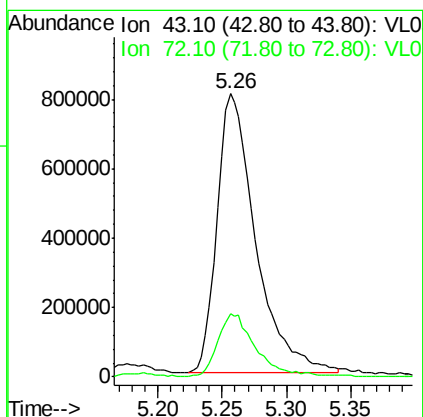
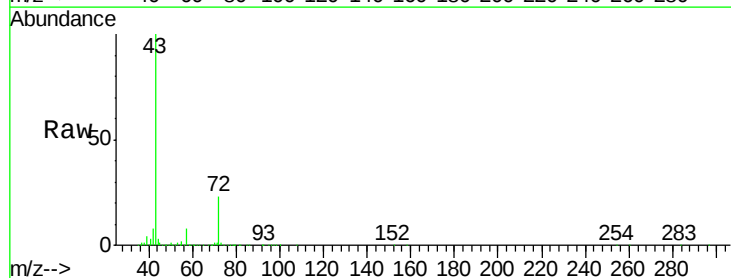
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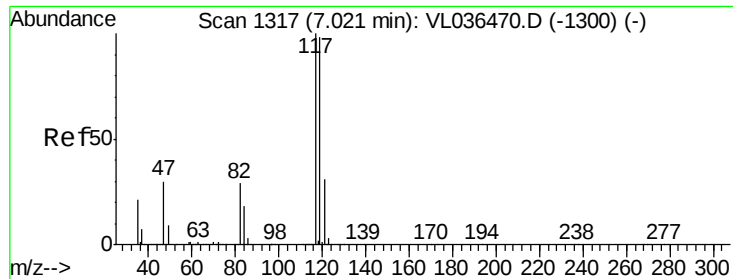
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#34
 2-Butanone
 Concen: 8.846 ppbv
 RT: 5.26 min Scan# 768
 Delta R.T. 0.01 min
 Lab File: VL036785.D
 Acq: 12 Apr 2021 9:26

Tgt Ion	Ratio	Lower	Upper
43	100		
72	22.3	17.0	25.6





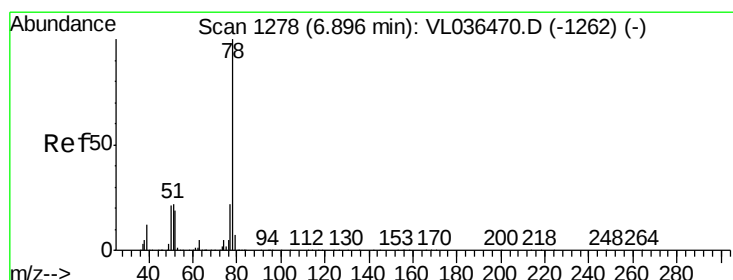
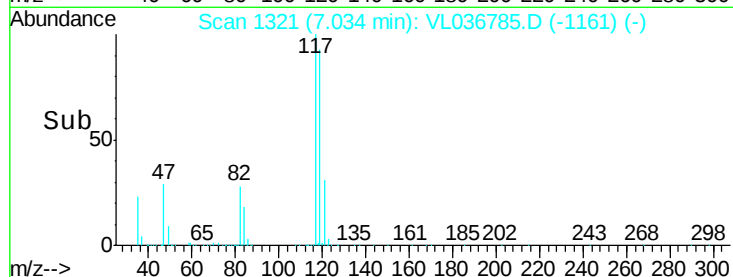
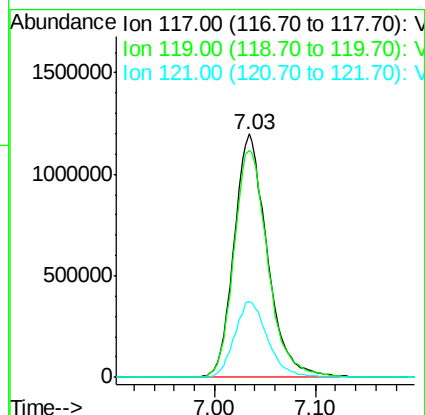
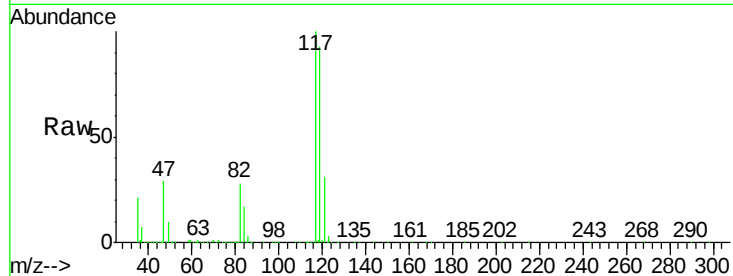
#35
Carbon Tetrachloride
Concen: 9.117 ppbv
RT: 7.03 min Scan# 1321
Delta R.T. 0.01 min
Lab File: VL036785.D
Acq: 12 Apr 2021 9:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
117	100		
119	93.3	78.2	117.2
121	31.3	24.5	36.7

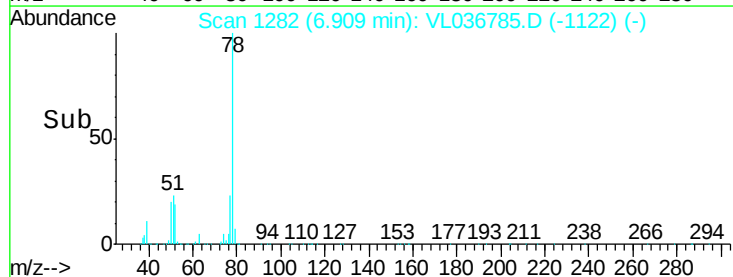
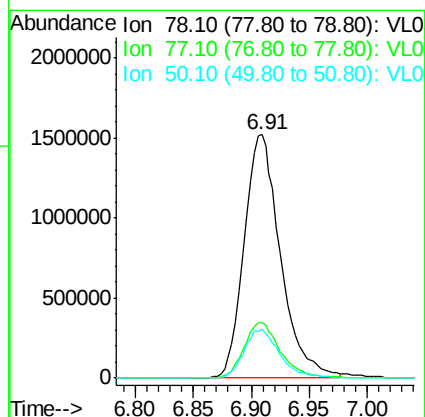
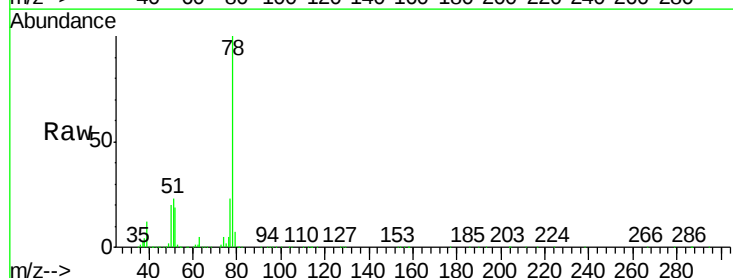
Manual Integrations
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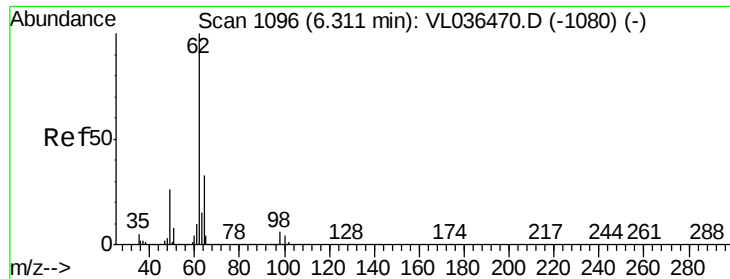
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#36
Benzene
Concen: 9.228 ppbv
RT: 6.91 min Scan# 1282
Delta R.T. 0.01 min
Lab File: VL036785.D
Acq: 12 Apr 2021 9:26

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	18.0	27.0
50	20.4	16.5	24.7





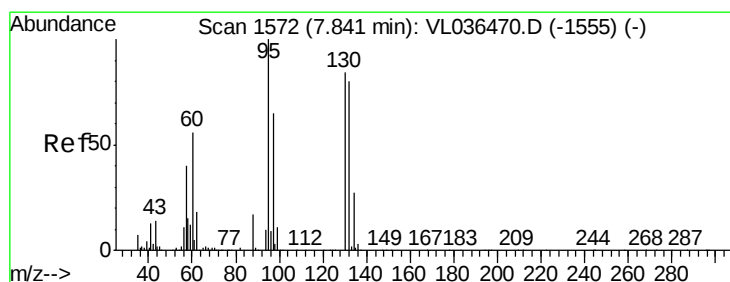
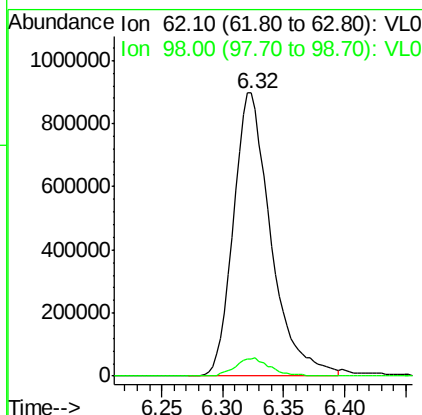
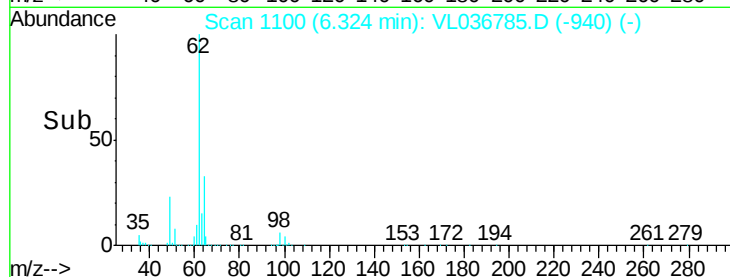
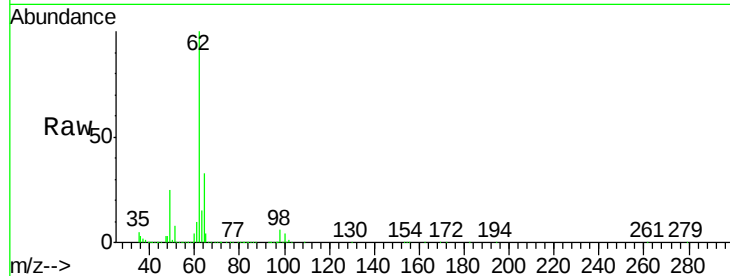
#37
 1,2-Dichloroethane
 Concen: 9.056 ppbv
 RT: 6.32 min Scan# 1100
 Delta R.T. 0.01 min
 Lab File: VL036785.D
 Acq: 12 Apr 2021 9:26

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion	Ratio	Lower	Upper
62	100		
98	6.4	4.9	7.3

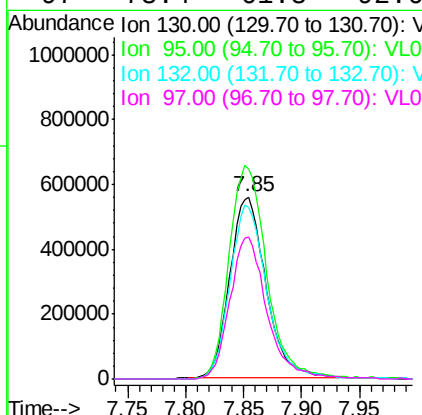
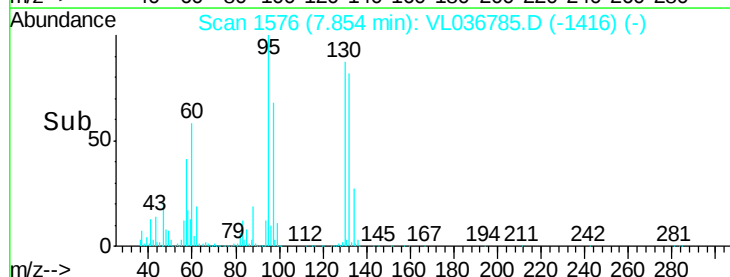
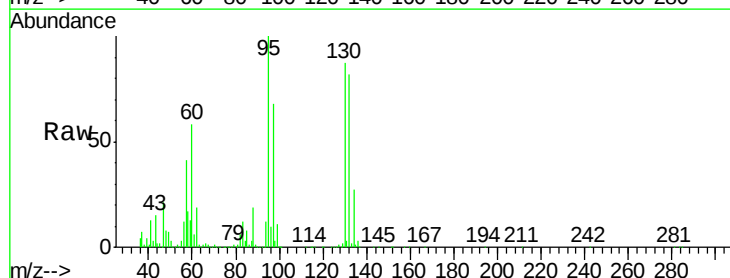
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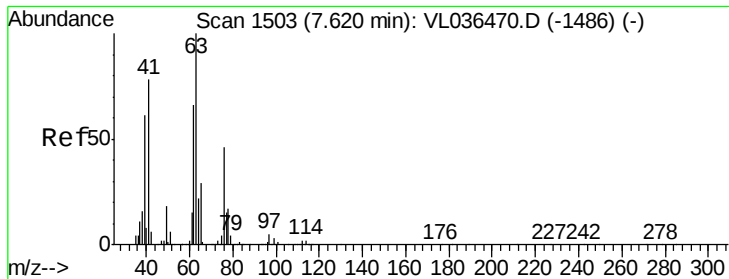
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#38
 Trichloroethene
 Concen: 8.647 ppbv
 RT: 7.85 min Scan# 1576
 Delta R.T. 0.01 min
 Lab File: VL036785.D
 Acq: 12 Apr 2021 9:26

Tgt Ion	Ratio	Lower	Upper
130	100		
95	115.4	95.7	143.5
132	94.3	76.2	114.4
97	78.4	61.8	92.6





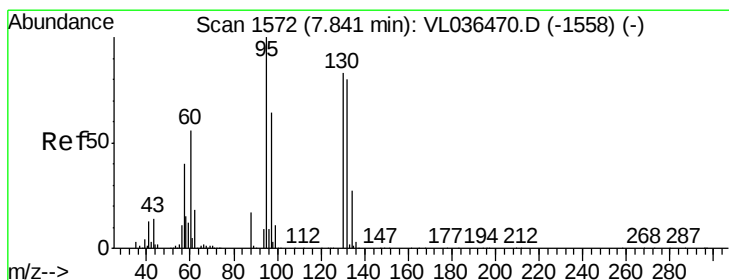
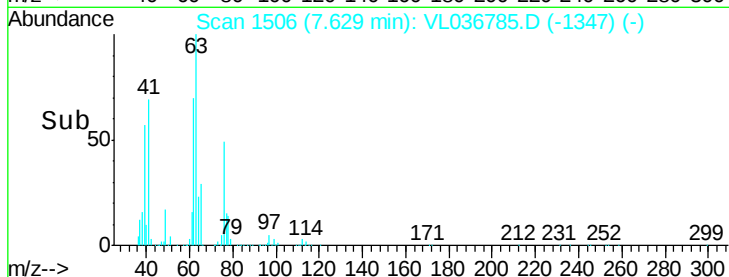
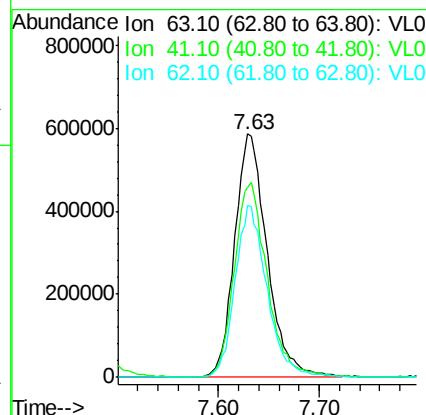
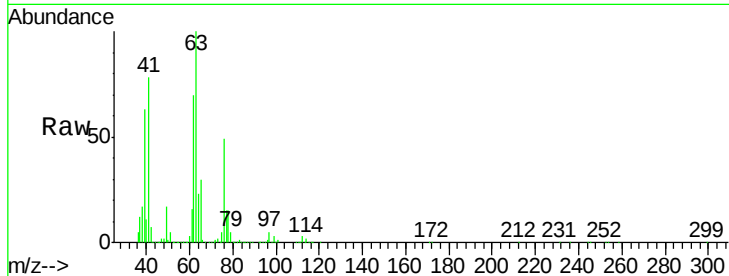
#39
 1,2-Dichloropropane
 Concen: 9.009 ppbv
 RT: 7.63 min Scan# 1506
 Delta R.T. 0.01 min
 Lab File: VL036785.D
 Acq: 12 Apr 2021 9:26

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion	Ratio	Lower	Upper
63	100		
41	78.0	62.4	93.6
62	70.4	52.8	79.2

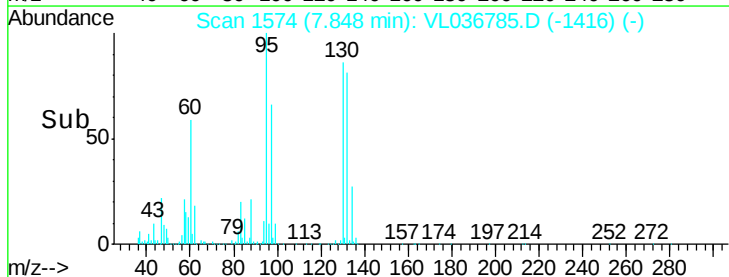
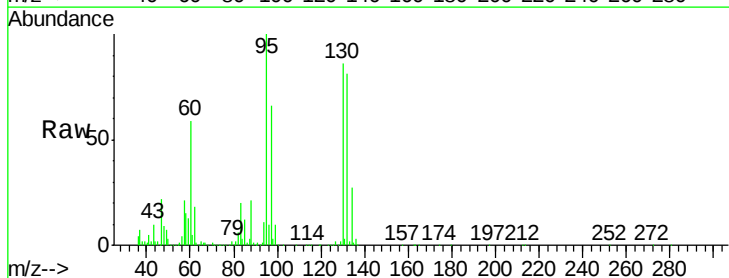
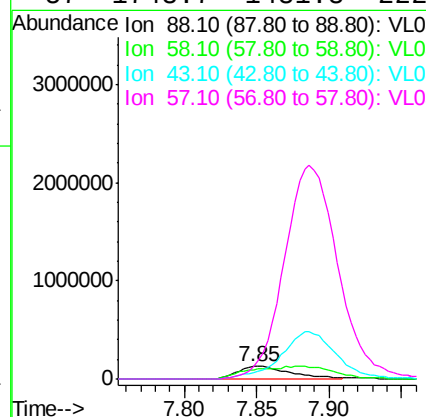
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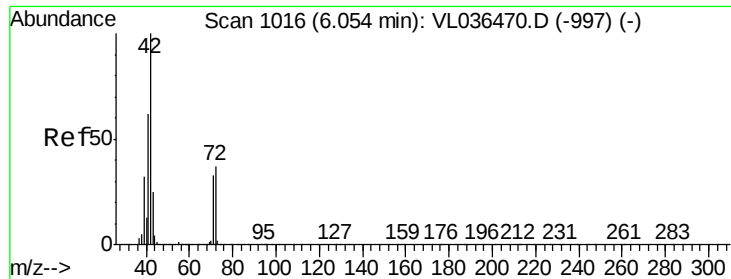
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#40
 1,4-Dioxane
 Concen: 9.507 ppbv
 RT: 7.85 min Scan# 1574
 Delta R.T. 0.01 min
 Lab File: VL036785.D
 Acq: 12 Apr 2021 9:26

Tgt Ion	Ratio	Lower	Upper
88	100		
58	163.3	134.1	201.1
43	401.0	346.6	520.0
57	1748.7	1481.8	2222.8





#41

Tetrahydrofuran

Concen: 8.924 ppbv

RT: 6.07 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VL036785.D

Acq: 12 Apr 2021 9:26

Instrument :

MSVOA_L

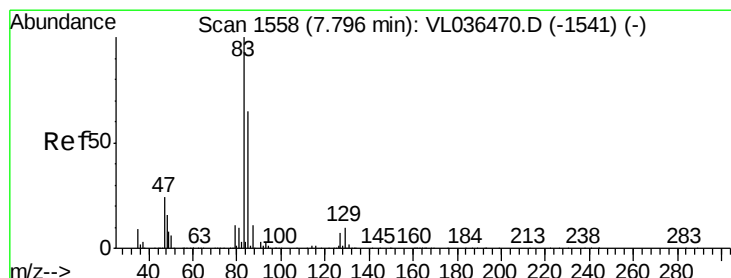
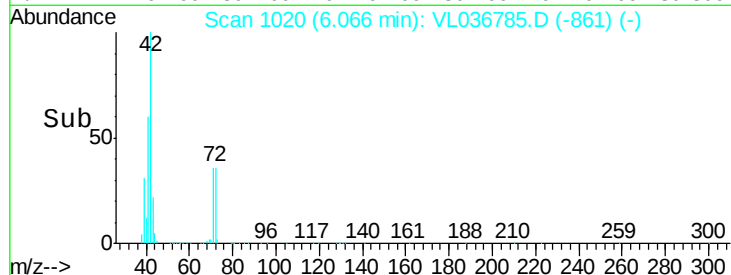
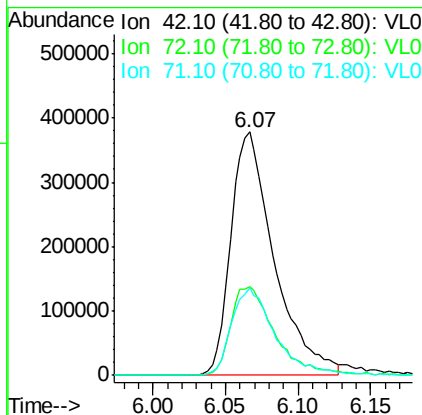
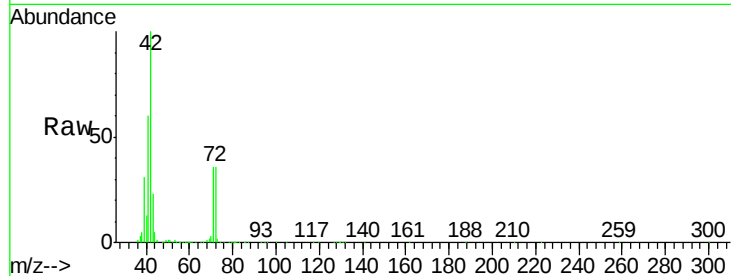
ClientSampleId :

VSTDCCC010

Tot Ion:	42	Resp:	783191
Ion Ratio		Lower	Upper
42	100		
72	37.7	27.6	41.4
71	36.6	27.0	40.4

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#42

Bromodichloromethane

Concen: 9.446 ppbv

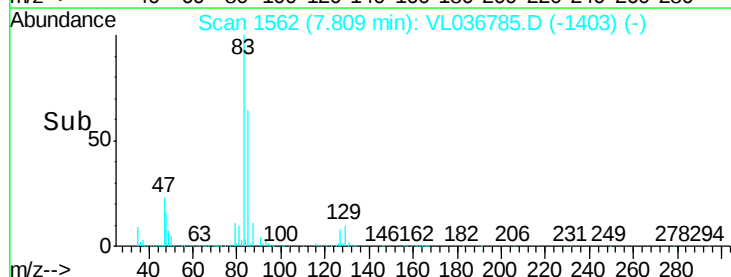
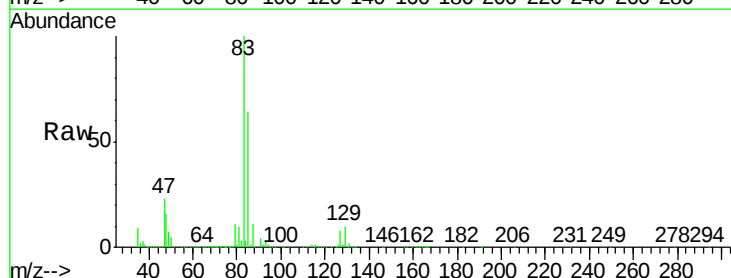
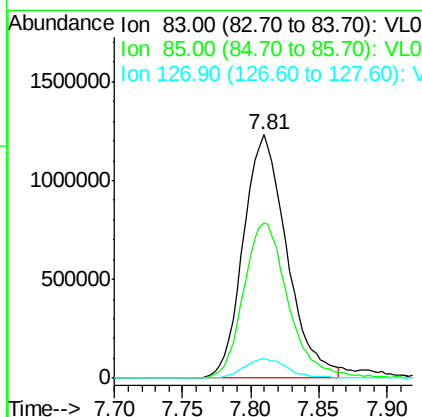
RT: 7.81 min Scan# 1562

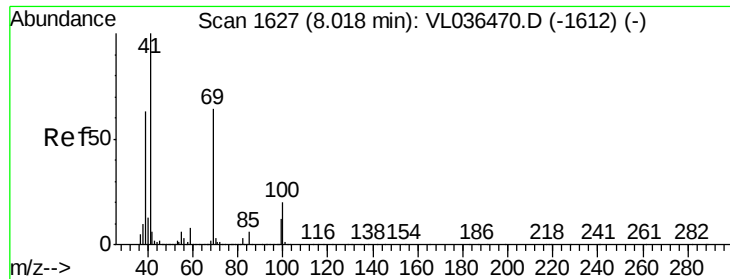
Delta R.T. 0.01 min

Lab File: VL036785.D

Acq: 12 Apr 2021 9:26

Tgt Ion:	83	Resp:	2719669
Ion Ratio		Lower	Upper
83	100		
85	63.9	51.8	77.6
127	7.9	5.8	8.8





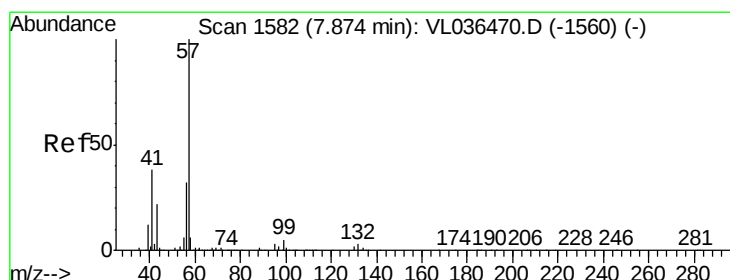
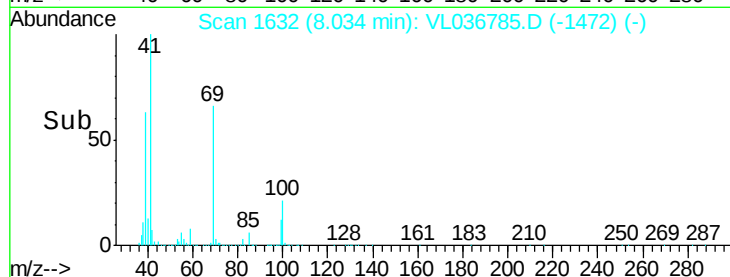
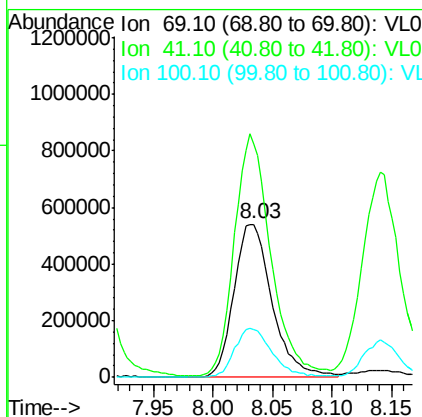
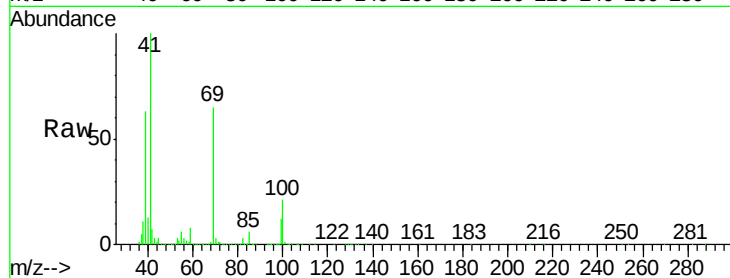
#43
Methvl Methacrylate
Concen: 9.971 ppbv
RT: 8.03 min Scan# 1632
Delta R.T. 0.02 min
Lab File: VL036785.D
Acq: 12 Apr 2021 9:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion: 69 Resp: 1204096
Ion Ratio Lower Upper
69 100
41 151.6 126.8 190.2
100 31.7 24.9 37.3

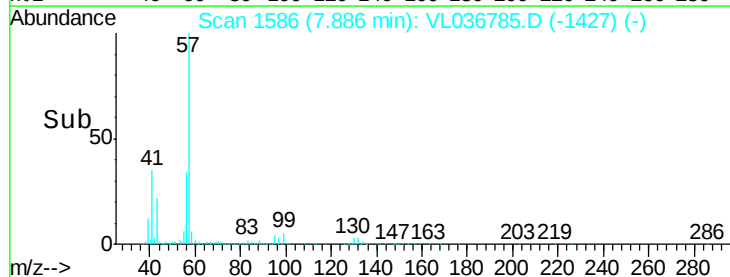
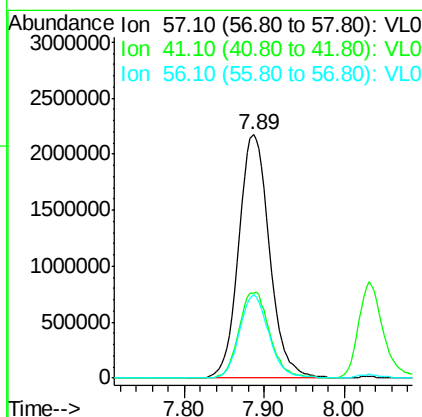
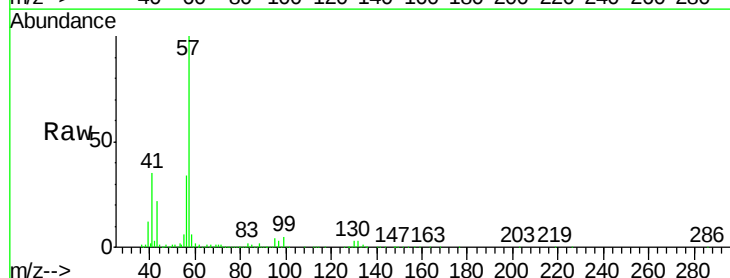
Manual Integrations
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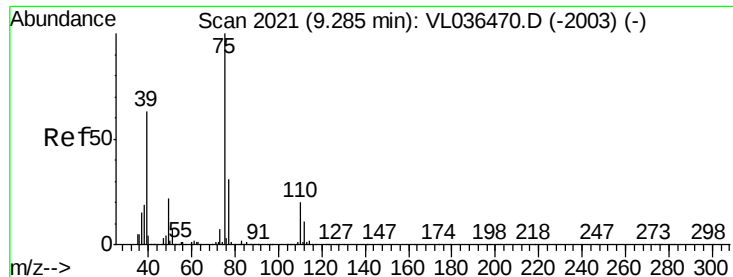
apatel
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#44
2,2,4-Trimethylpentane
Concen: 8.912 ppbv
RT: 7.89 min Scan# 1586
Delta R.T. 0.01 min
Lab File: VL036785.D
Acq: 12 Apr 2021 9:26

Tgt Ion: 57 Resp: 5641279
Ion Ratio Lower Upper
57 100
41 35.3 28.8 43.2
56 32.5 26.1 39.1





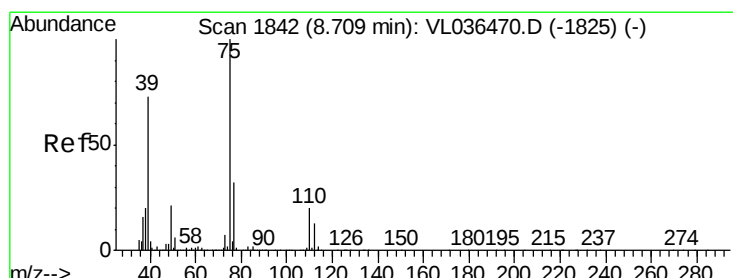
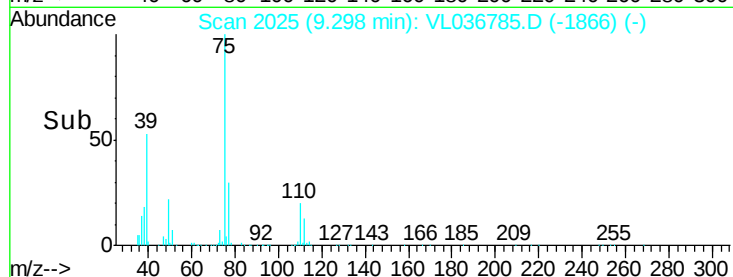
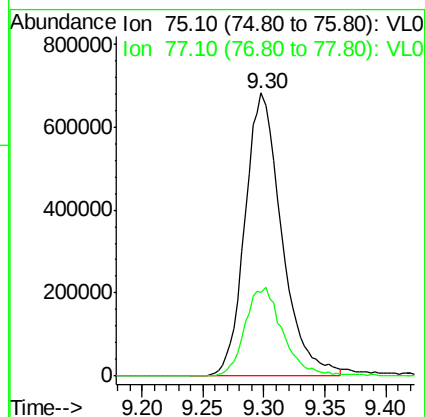
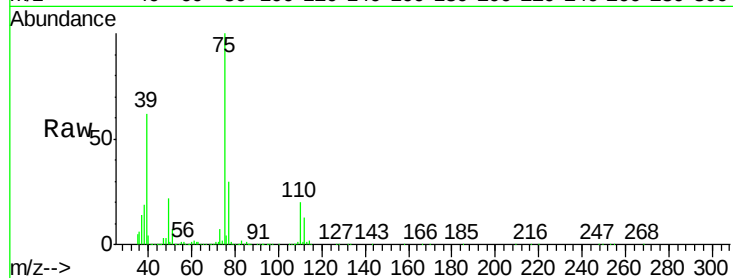
#45
t-1,3-Dichloropropene
Concen: 10.252 ppbv
RT: 9.30 min Scan# 2025
Delta R.T. 0.01 min
Lab File: VL036785.D
Acq: 12 Apr 2021 9:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion: 75 Resp: 1413749
Ion Ratio Lower Upper
75 100
77 29.6 25.1 37.7

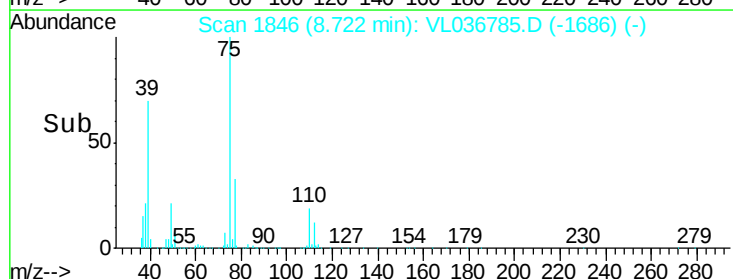
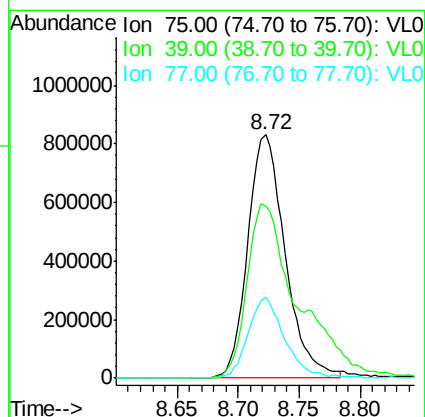
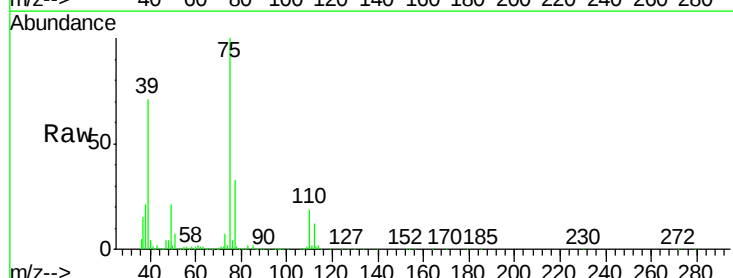
Manual Integrations
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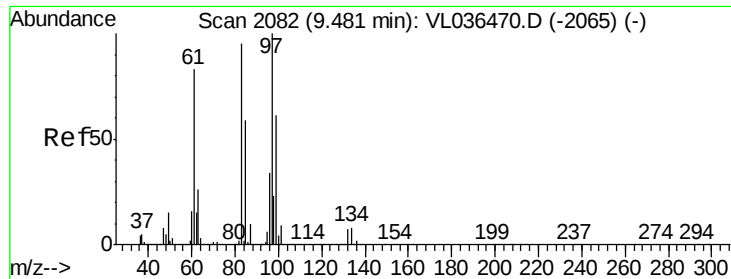
apatel
4/13/2021 10:42:15 AM



#46
cis-1,3-Dichloropropene
Concen: 9.965 ppbv
RT: 8.72 min Scan# 1846
Delta R.T. 0.01 min
Lab File: VL036785.D
Acq: 12 Apr 2021 9:26

Tgt Ion: 75 Resp: 1756566
Ion Ratio Lower Upper
75 100
39 70.6 58.2 87.2
77 33.2 25.2 37.8





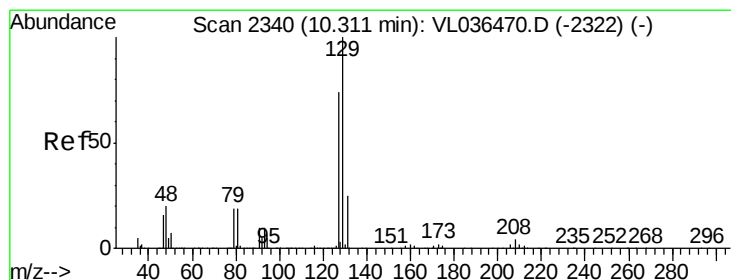
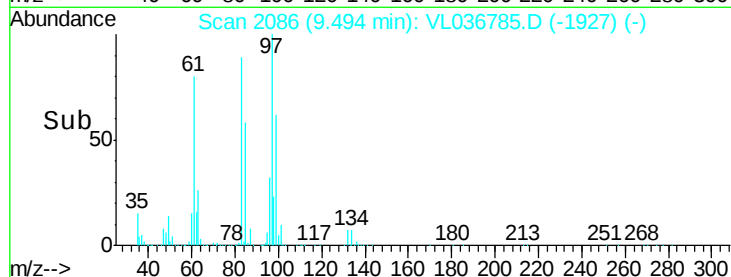
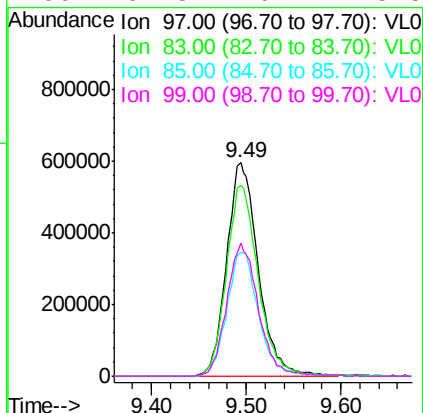
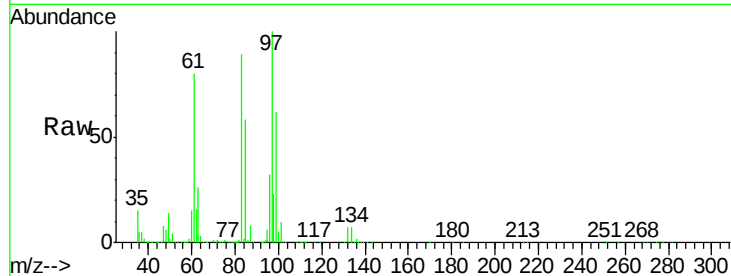
#47
 1,1,2-Trichloroethane
 Concen: 9.354 ppbv
 RT: 9.49 min Scan# 2086
 Delta R.T. 0.01 min
 Lab File: VL036785.D
 Acq: 12 Apr 2021 9:26

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion	Ratio	Lower	Upper
97	100		
83	89.0	75.8	113.8
85	58.3	47.1	70.7
99	62.3	49.2	73.8

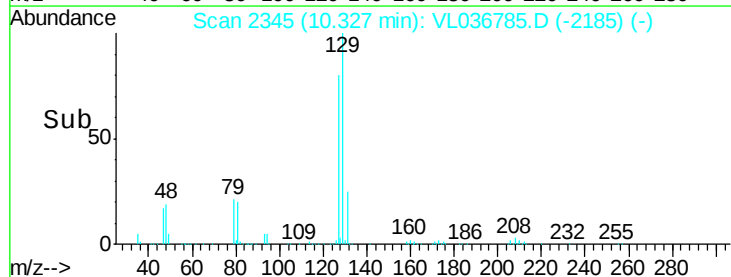
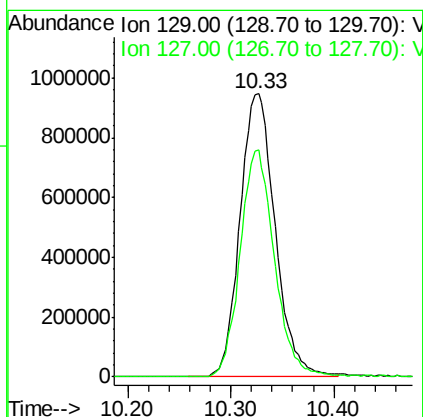
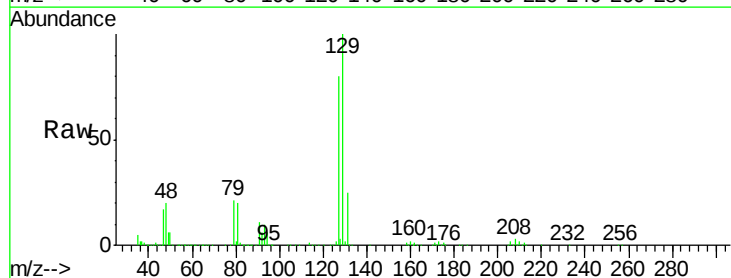
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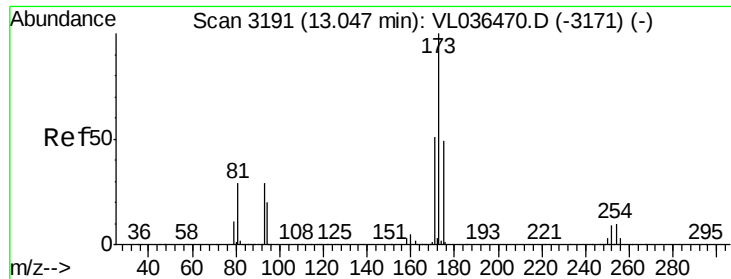
apatel
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#48
 Dibromochloromethane
 Concen: 9.957 ppbv
 RT: 10.33 min Scan# 2345
 Delta R.T. 0.02 min
 Lab File: VL036785.D
 Acq: 12 Apr 2021 9:26

Tgt Ion	Ratio	Lower	Upper
129	100		
127	79.2	39.6	118.8





#49

Bromoform

Concen: 10.334 ppbv

RT: 13.07 min Scan# 3197

Delta R.T. 0.02 min

Lab File: VL036785.D

Acq: 12 Apr 2021 9:26

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion:173 Resp: 1875679

Ion Ratio Lower Upper

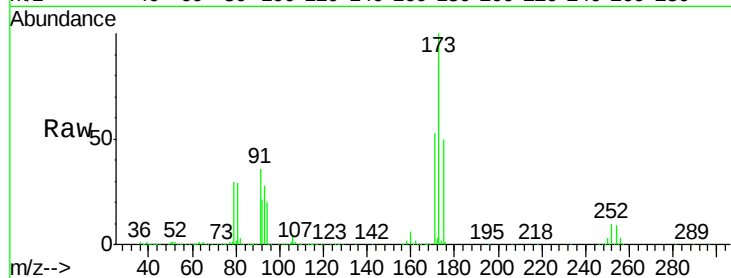
173 100

175 50.0 39.6 59.4

171 53.4 41.4 62.0

Manual Integrations
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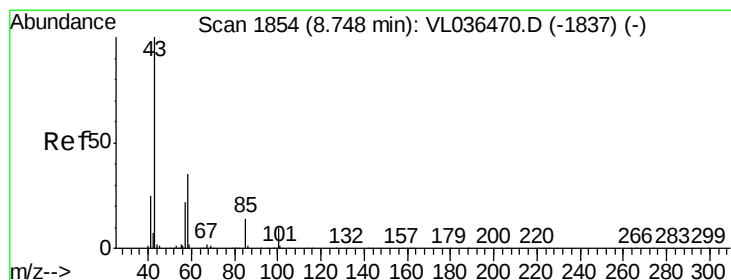
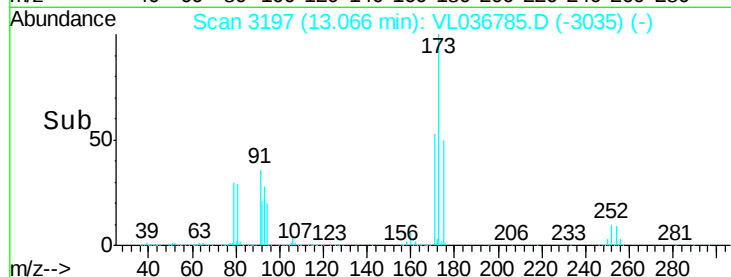
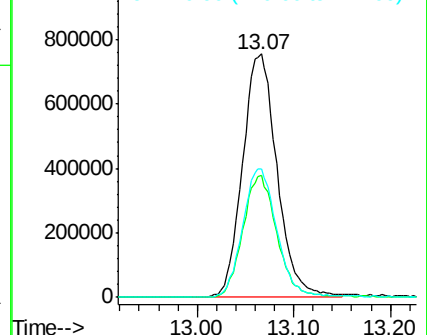
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Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 170.90 (170.60 to 171.60): V



#50

4-Methyl-2-Pentanone

Concen: 9.316 ppbv

RT: 8.76 min Scan# 1857

Delta R.T. 0.01 min

Lab File: VL036785.D

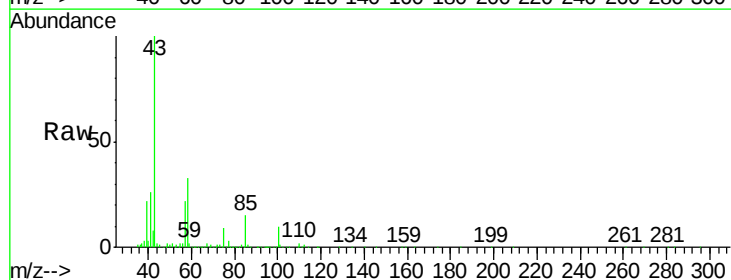
Acq: 12 Apr 2021 9:26

Tgt Ion: 43 Resp: 2566001

Ion Ratio Lower Upper

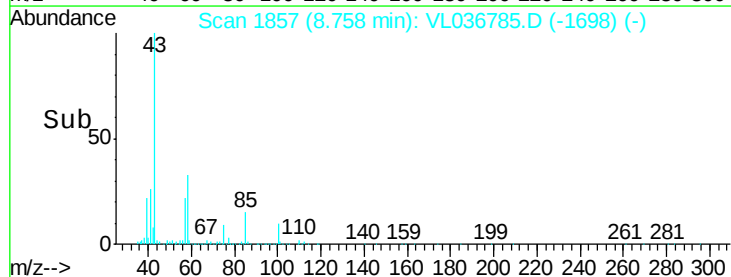
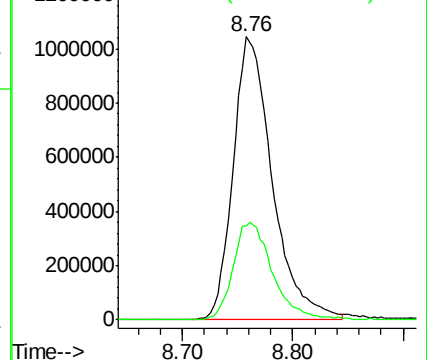
43 100

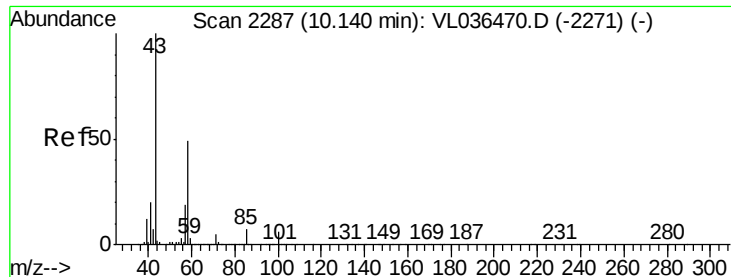
58 35.2 28.2 42.2



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





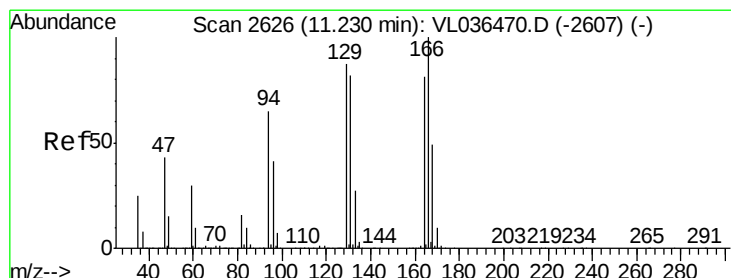
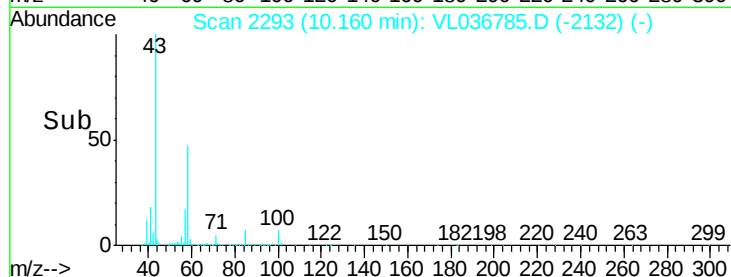
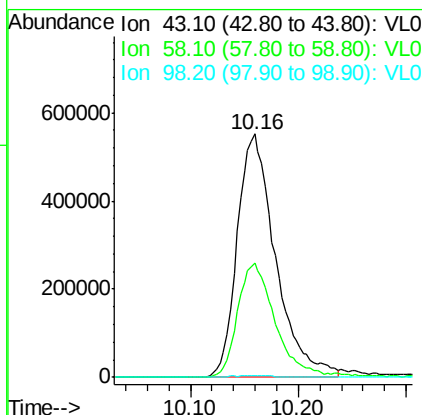
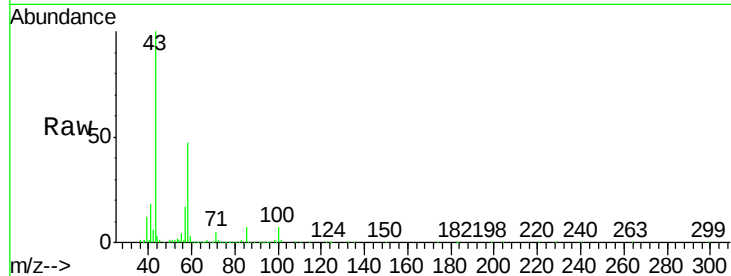
#51
2-Hexanone
Concen: 9.838 ppbv
RT: 10.16 min Scan# 2293
Delta R.T. 0.02 min
Lab File: VL036785.D
Acq: 12 Apr 2021 9:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion: 43 Resp: 1367431
Ion Ratio Lower Upper
43 100
58 47.3 37.7 56.5
98 1.0 0.2 0.2#

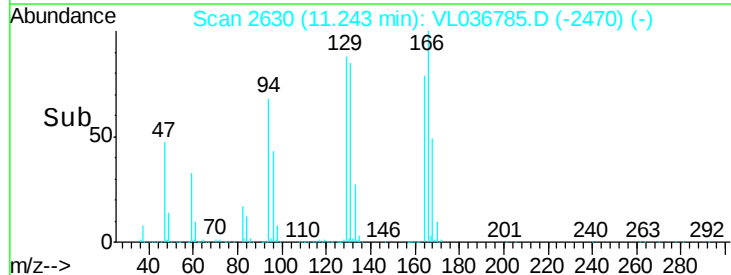
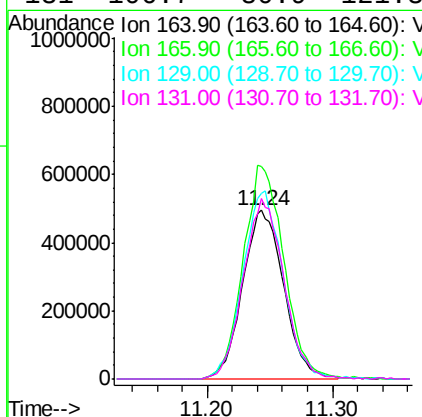
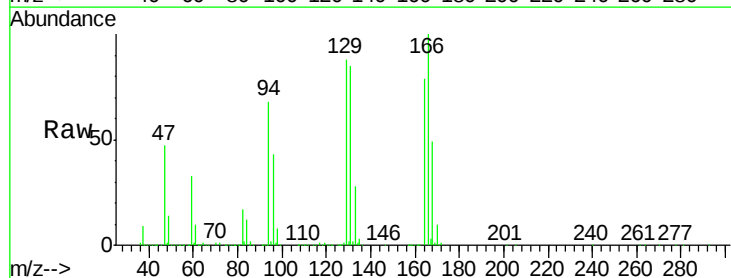
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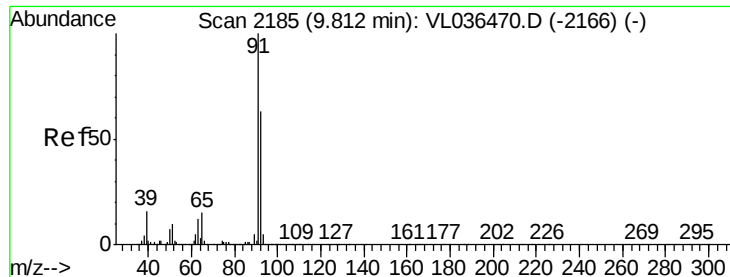
apatel
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#52
Tetrachloroethene
Concen: 8.484 ppbv
RT: 11.24 min Scan# 2630
Delta R.T. 0.01 min
Lab File: VL036785.D
Acq: 12 Apr 2021 9:26

Tgt Ion: 164 Resp: 1123540
Ion Ratio Lower Upper
164 100
166 125.8 98.3 147.5
129 110.3 85.8 128.8
131 106.7 80.9 121.3





#53

Toluene

Concen: 9.818 ppbv

RT: 9.83 min Scan# 2189

Delta R.T. 0.01 min

Lab File: VL036785.D

Acq: 12 Apr 2021 9:26

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion: 91 Resp: 3760083

Ion Ratio Lower Upper

91 100

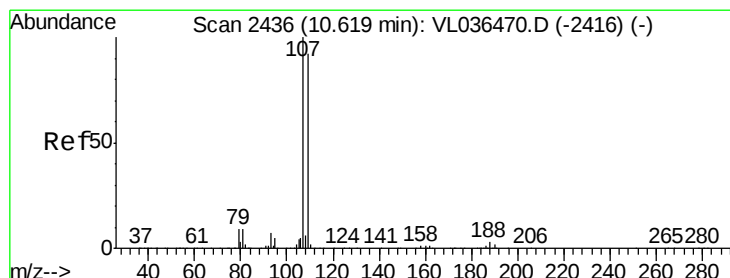
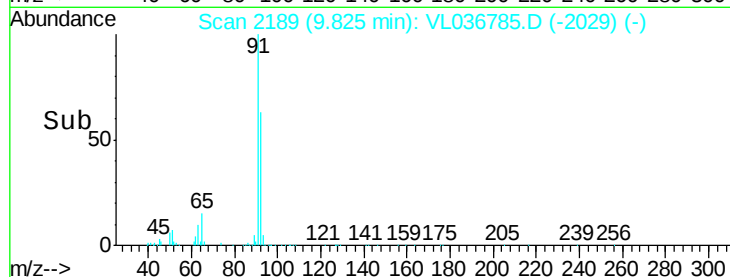
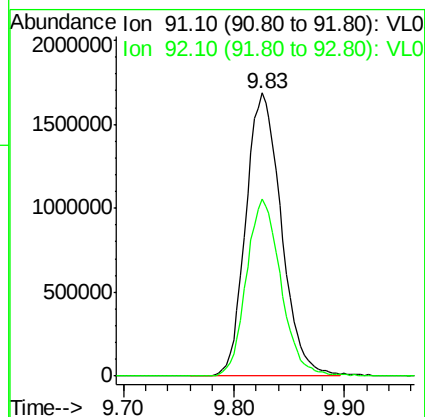
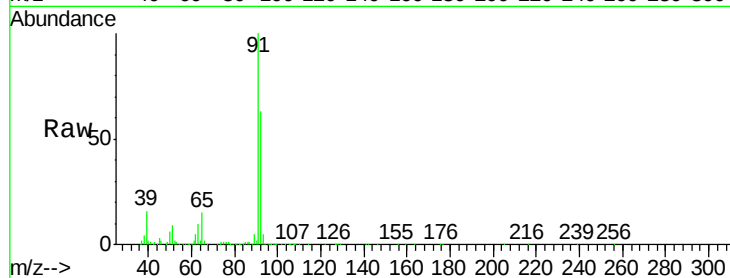
92 61.0 48.8 73.2

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#54

1,2-Dibromoethane

Concen: 9.376 ppbv

RT: 10.63 min Scan# 2439

Delta R.T. 0.01 min

Lab File: VL036785.D

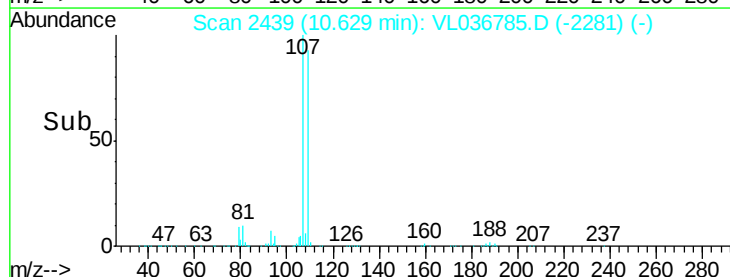
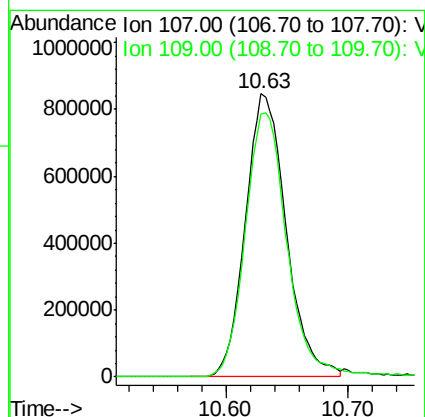
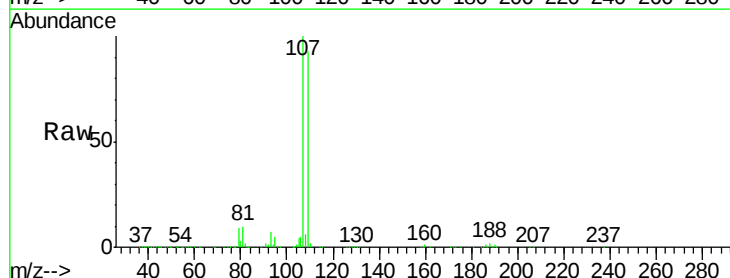
Acq: 12 Apr 2021 9:26

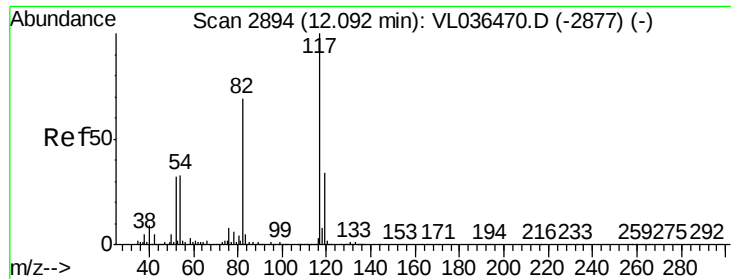
Tgt Ion: 107 Resp: 1956575

Ion Ratio Lower Upper

107 100

109 92.6 73.9 110.9





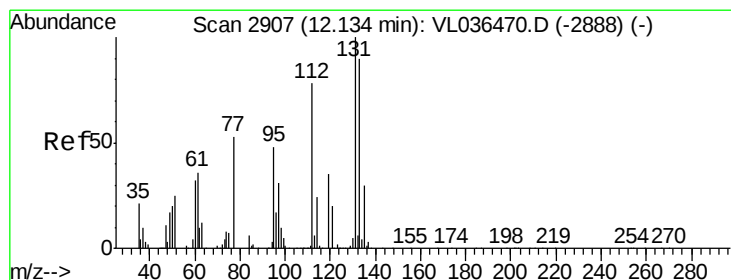
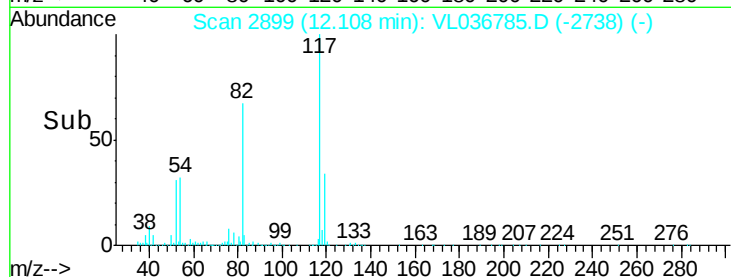
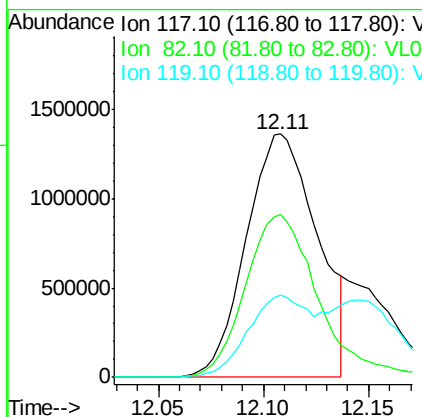
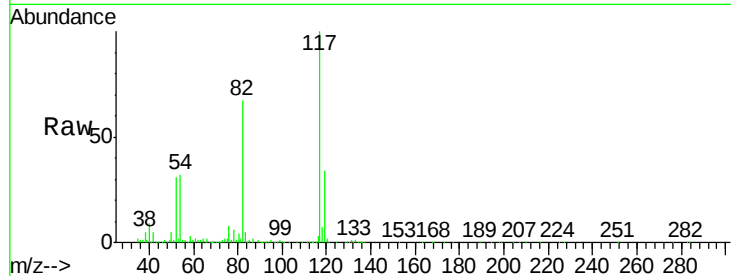
#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.11 min Scan# 2899
Delta R.T. 0.02 min
Lab File: VL036785.D
Acq: 12 Apr 2021 9:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
117	100		
82	69.4	57.4	86.0
119	33.1	47.4	71.0#

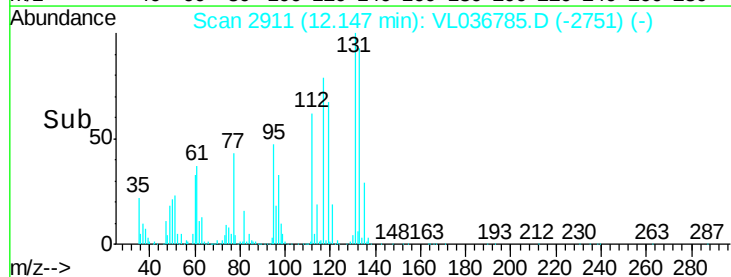
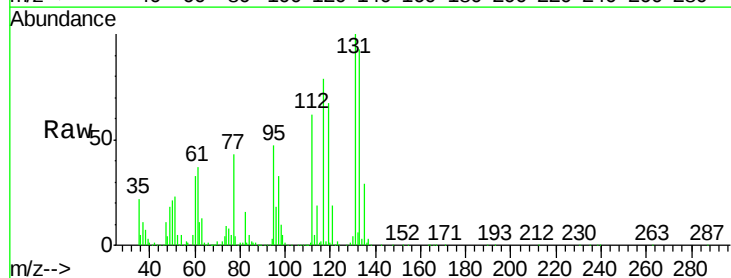
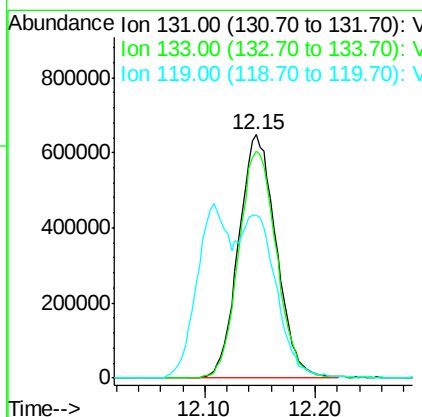
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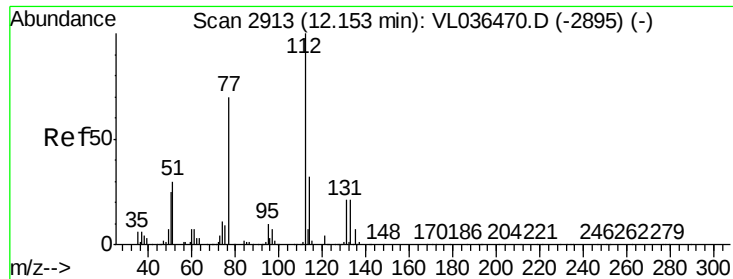
apatel
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#56
1,1,1,2-Tetrachloroethane
Concen: 10.552 ppbv
RT: 12.15 min Scan# 2911
Delta R.T. 0.01 min
Lab File: VL036785.D
Acq: 12 Apr 2021 9:26

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.6	75.8	113.6
119	60.5	48.7	73.1





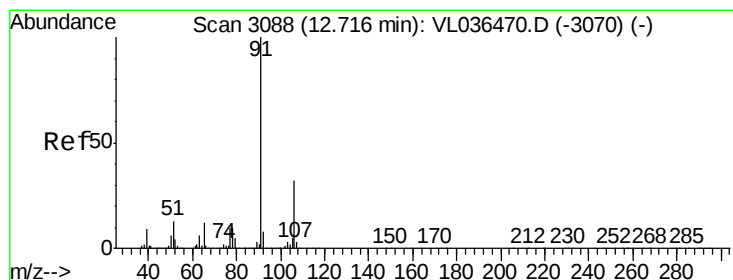
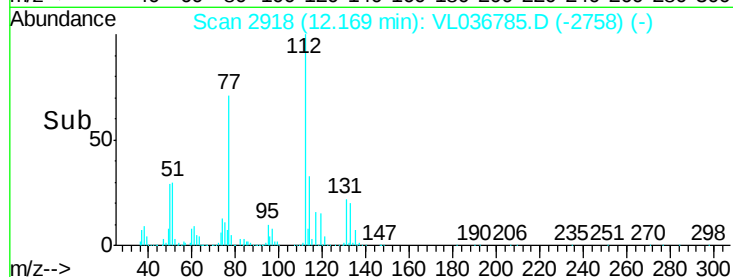
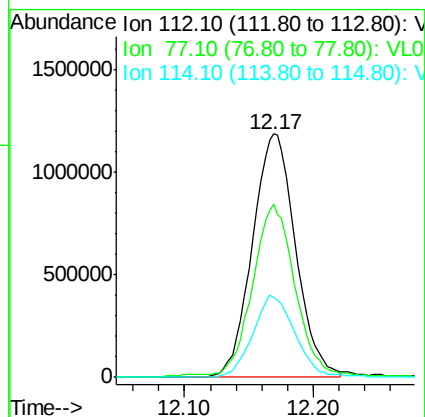
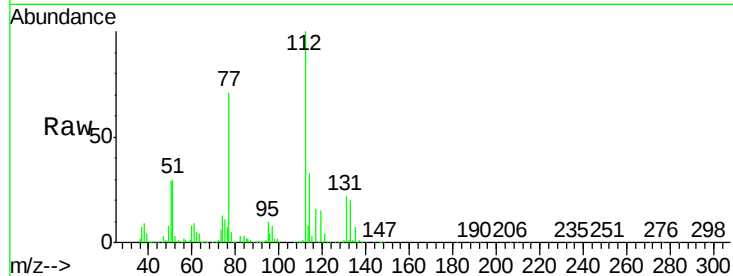
#57
Chlorobenzene
Concen: 10.148 ppbv
RT: 12.17 min Scan# 2918
Delta R.T. 0.02 min
Lab File: VL036785.D
Acq: 12 Apr 2021 9:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion: 112 Resp: 2764163
Ion Ratio Lower Upper
112 100
77 69.6 56.0 84.0
114 32.9 29.0 35.4

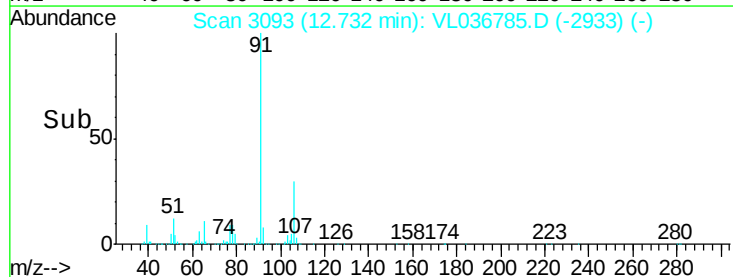
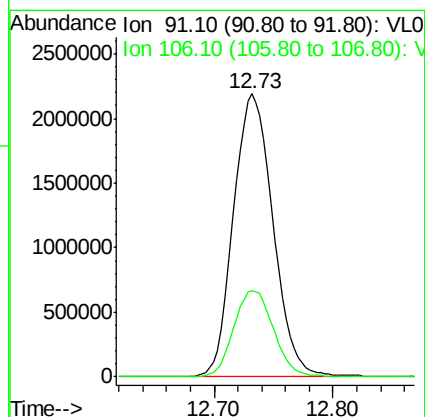
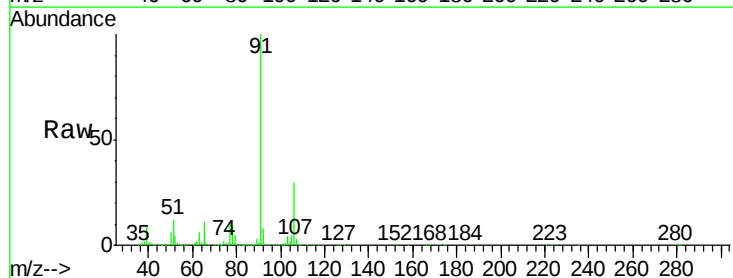
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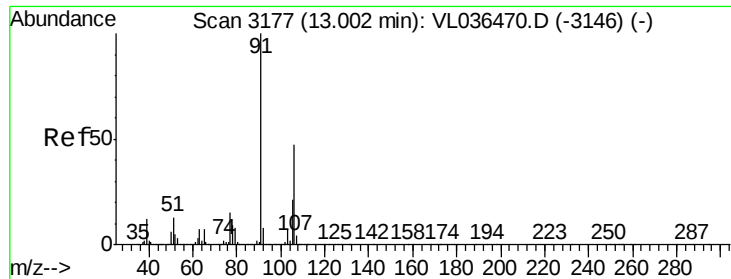
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#58
Ethyl Benzene
Concen: 10.831 ppbv
RT: 12.73 min Scan# 3093
Delta R.T. 0.02 min
Lab File: VL036785.D
Acq: 12 Apr 2021 9:26

Tgt Ion: 91 Resp: 5044182
Ion Ratio Lower Upper
91 100
106 30.4 25.3 37.9





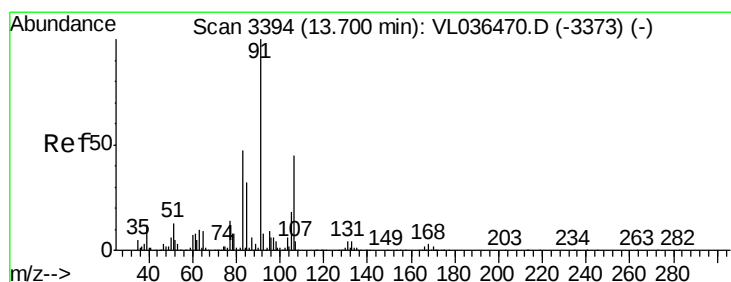
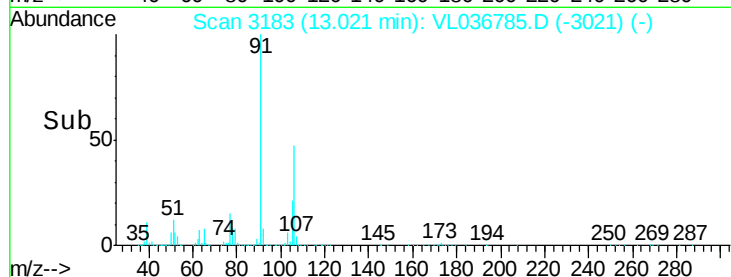
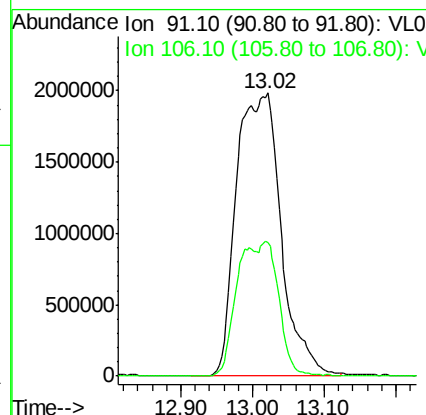
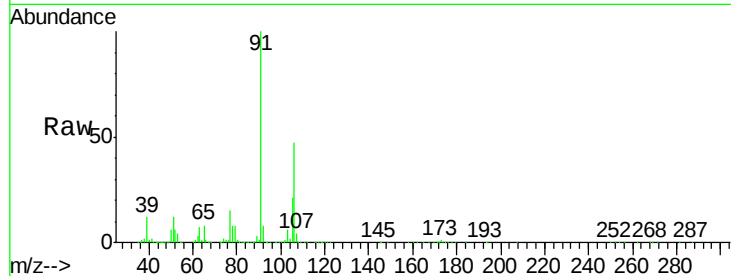
#59
m/p-Xylene
Concen: 21.163 ppbv m
RT: 13.02 min Scan# 3183
Delta R.T. 0.02 min
Lab File: VL036785.D
Acq: 12 Apr 2021 9:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion: 91 Resp: 8596771
Ion Ratio Lower Upper
91 100
106 44.2 35.3 52.9

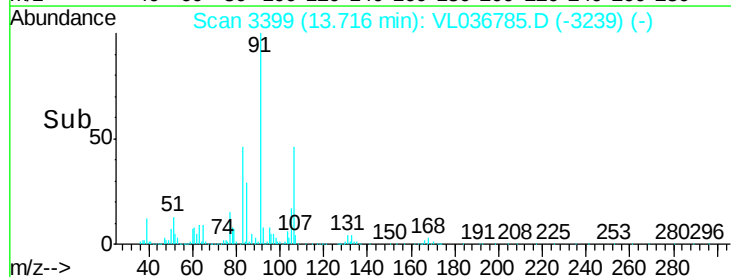
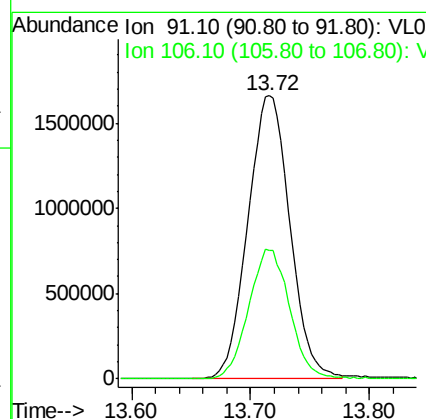
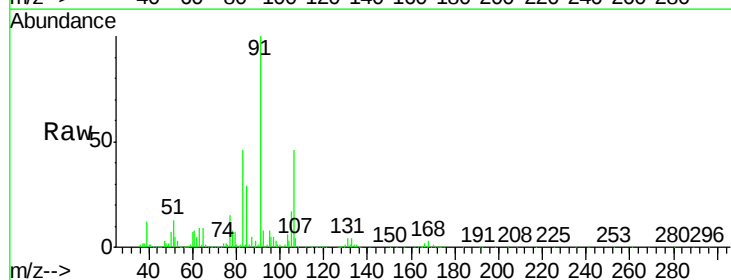
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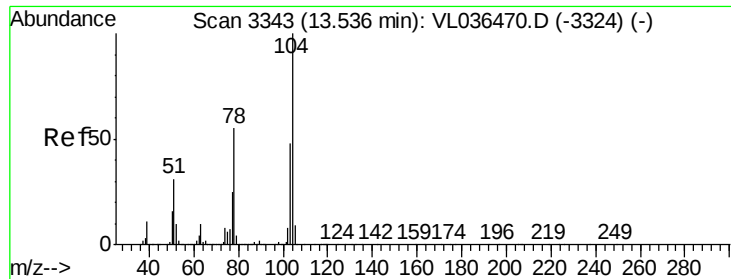
apatel
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#60
o-Xylene
Concen: 10.314 ppbv
RT: 13.72 min Scan# 3399
Delta R.T. 0.02 min
Lab File: VL036785.D
Acq: 12 Apr 2021 9:26

Tgt Ion: 91 Resp: 4050836
Ion Ratio Lower Upper
91 100
106 45.0 22.3 66.9





#61

Stvrene

Concen: 11.973 ppbv

RT: 13.55 min Scan# 3347

Delta R.T. 0.01 min

Lab File: VL036785.D

Acq: 12 Apr 2021 9:26

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion:104 Resp: 2365837

Ion Ratio Lower Upper

104 100

78 53.0 43.8 65.8

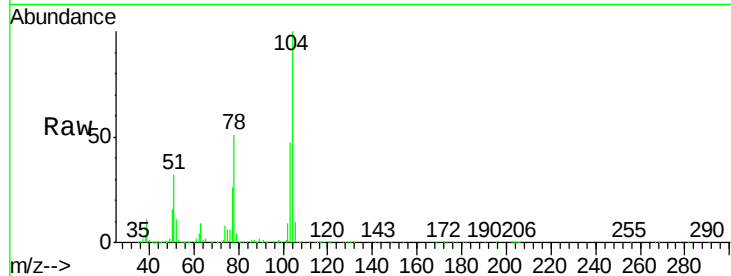
103 47.1 38.3 57.5

Manual Integrations

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apatel

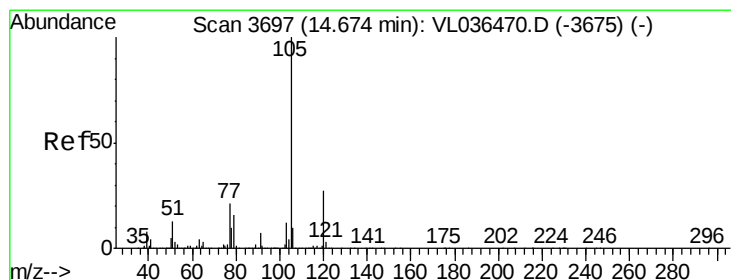
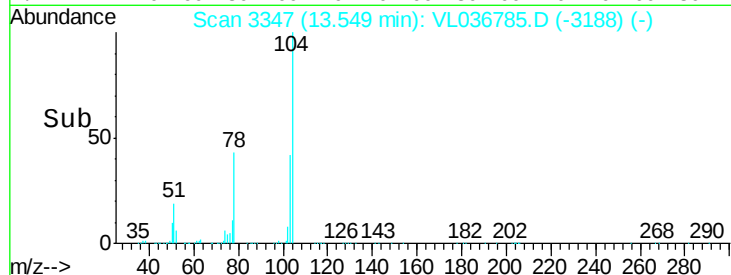
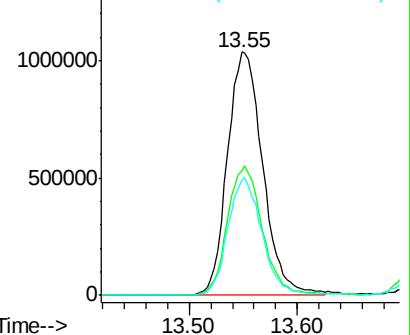
4/13/2021 10:42:15 AM



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VL0

Ion 103.10 (102.80 to 103.80): V



#62

Isopropylbenzene

Concen: 10.208 ppbv

RT: 14.69 min Scan# 3702

Delta R.T. 0.02 min

Lab File: VL036785.D

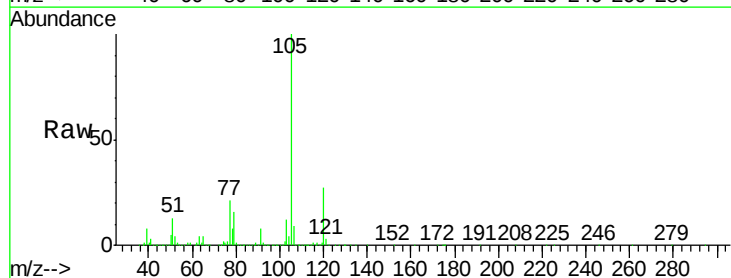
Acq: 12 Apr 2021 9:26

Tgt Ion:105 Resp: 5399294

Ion Ratio Lower Upper

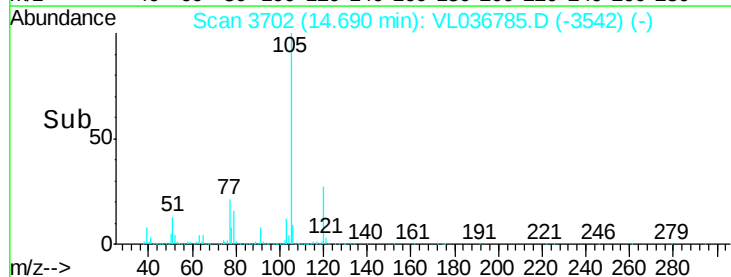
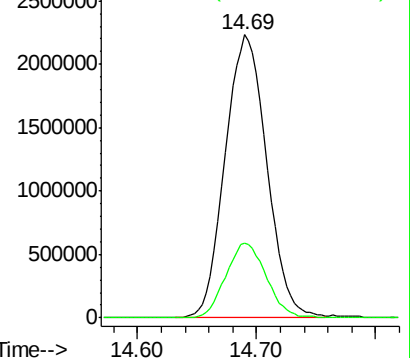
105 100

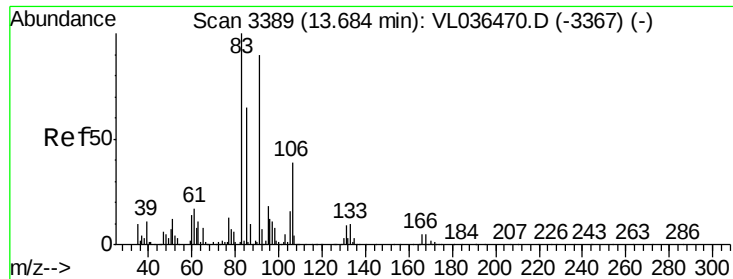
120 26.1 20.6 31.0



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V





#63

1,1,2,2-Tetrachloroethane

Concen: 10.057 ppbv

RT: 13.70 min Scan# 3394

Delta R.T. 0.02 min

Lab File: VL036785.D

Acq: 12 Apr 2021 9:26

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion: 83 Resp: 3013390

Ion Ratio Lower Upper

83 100

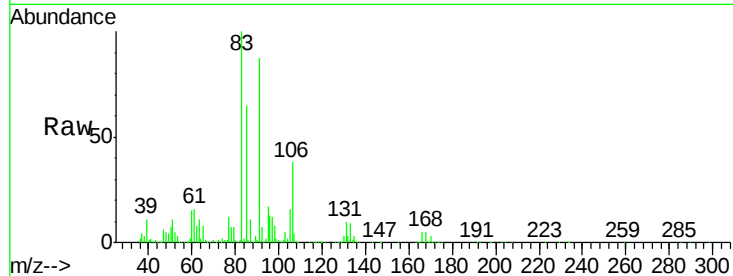
131 9.4 4.7 14.0

85 65.3 33.1 99.3

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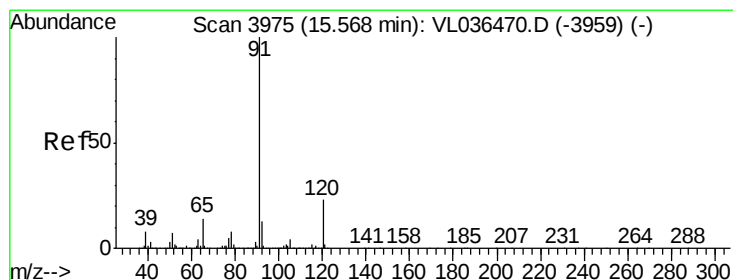
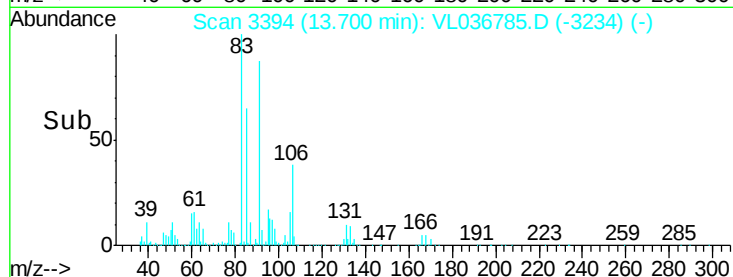
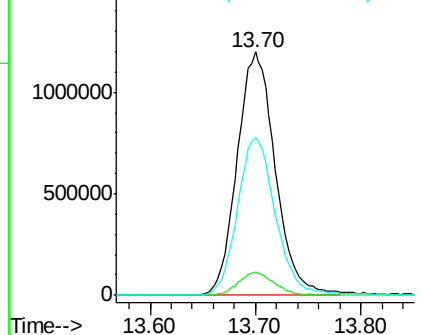
4/13/2021 10:42:15 AM



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: 11.089 ppbv

RT: 15.59 min Scan# 3981

Delta R.T. 0.02 min

Lab File: VL036785.D

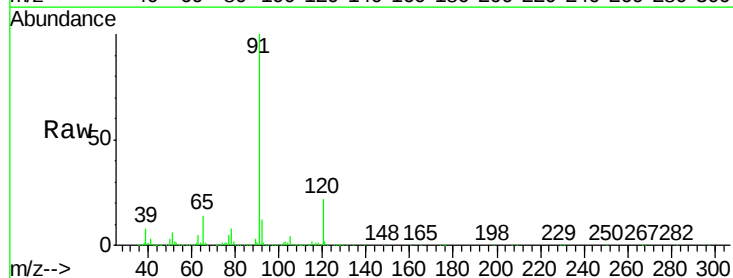
Acq: 12 Apr 2021 9:26

Tgt Ion: 120 Resp: 1433979

Ion Ratio Lower Upper

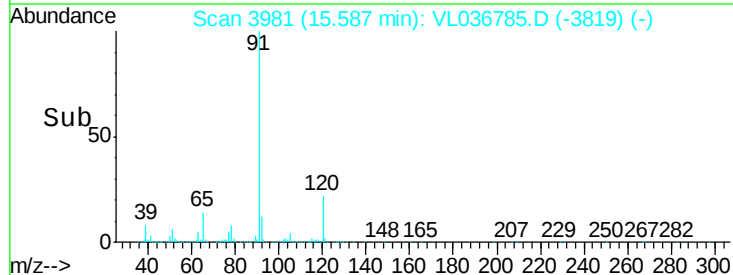
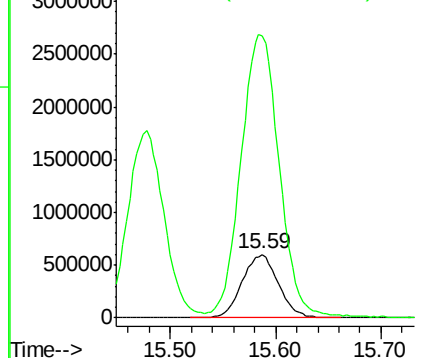
120 100

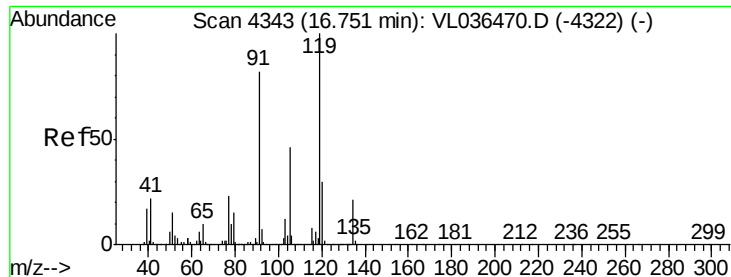
91 474.6 377.4 566.2



Abundance Ion 120.20 (119.90 to 120.90): VL0

Ion 91.10 (90.80 to 91.80): VL0





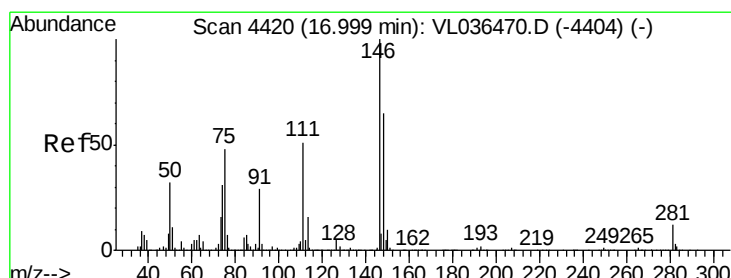
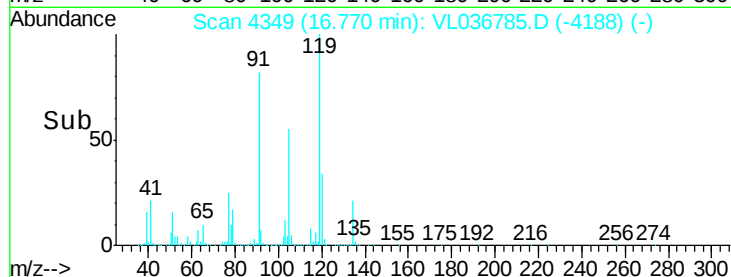
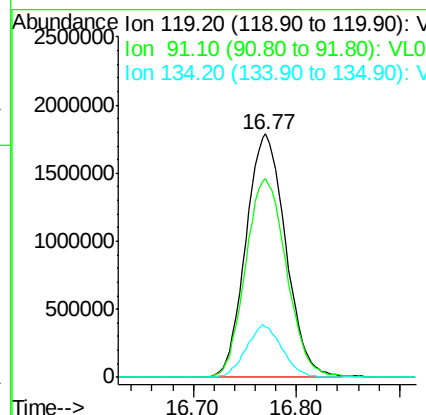
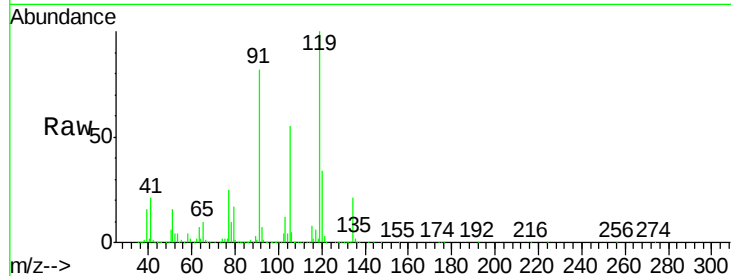
#65
tert-Butylbenzene
Concen: 10.419 ppbv
RT: 16.77 min Scan# 4349
Delta R.T. 0.02 min
Lab File: VL036785.D
Acq: 12 Apr 2021 9:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
119	100		
91	84.4	67.5	101.3
134	19.6	15.8	23.8

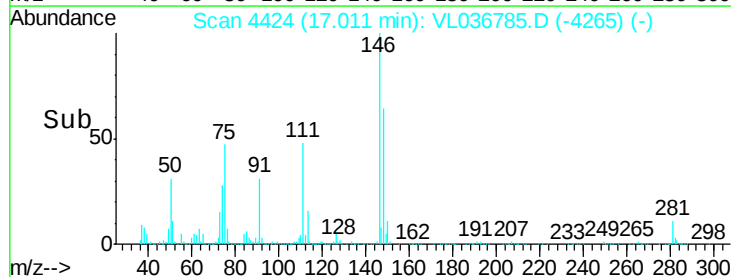
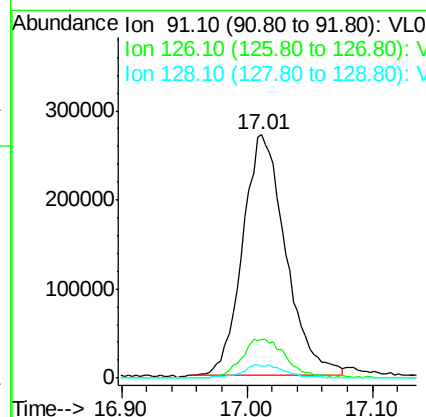
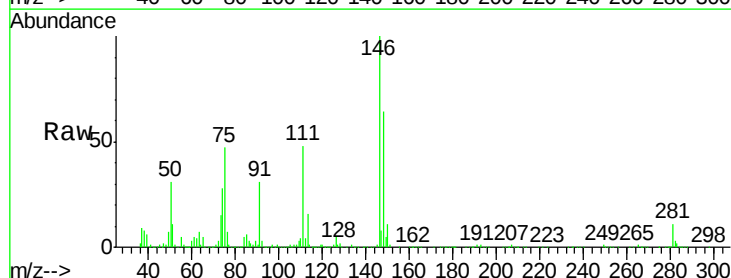
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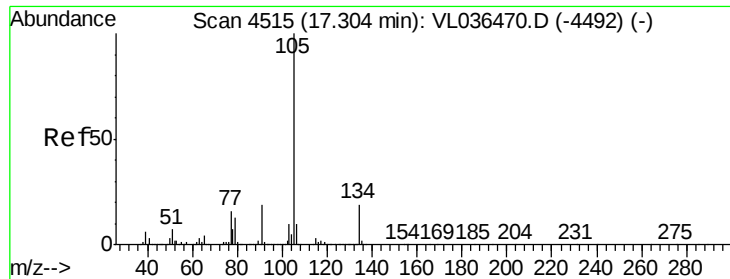
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#66
Benzyl Chloride
Concen: 12.708 ppbv
RT: 17.01 min Scan# 4424
Delta R.T. 0.01 min
Lab File: VL036785.D
Acq: 12 Apr 2021 9:26

Tgt Ion	Ratio	Lower	Upper
91	100		
126	17.5	13.5	20.3
128	5.9	4.2	6.4





#67

sec-Butylbenzene

Concen: 10.350 ppbv

RT: 17.32 min Scan# 4519

Delta R.T. 0.01 min

Lab File: VL036785.D

Acq: 12 Apr 2021 9:26

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion: 105 Resp: 6700419

Ion Ratio Lower Upper

105 100

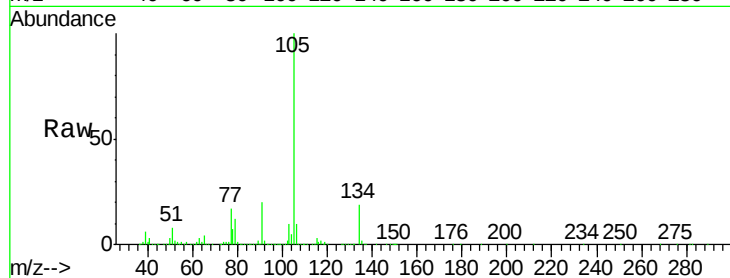
134 18.4 14.7 22.1

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Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V

3000000

2500000

2000000

1500000

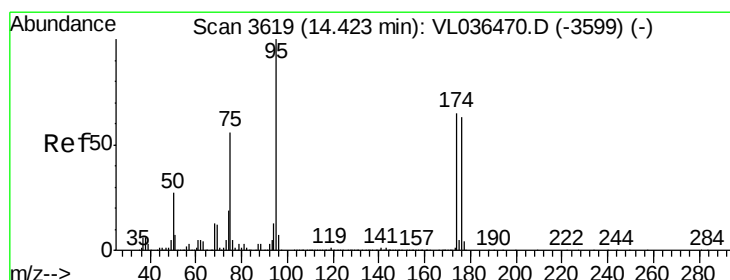
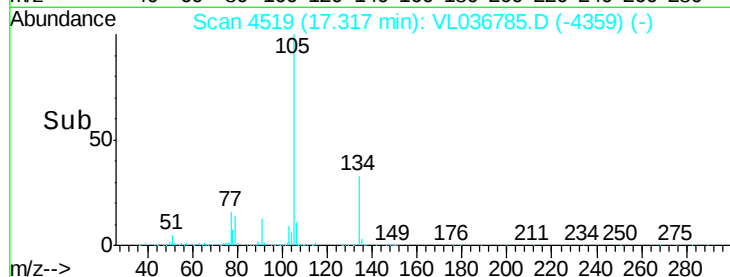
1000000

500000

0

17.20 17.30 17.40

Time-->



#68

1-Bromo-4-Fluorobenzene

Concen: 8.843 ppbv

RT: 14.44 min Scan# 3624

Delta R.T. 0.02 min

Lab File: VL036785.D

Acq: 12 Apr 2021 9:26

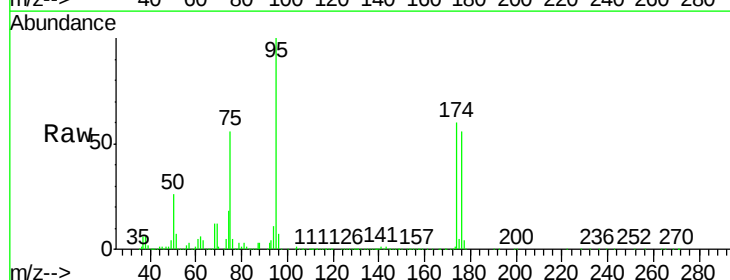
Tgt Ion: 95 Resp: 2256041

Ion Ratio Lower Upper

95 100

174 62.7 51.0 76.6

175 4.7 3.9 5.9



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

1200000

1000000

800000

600000

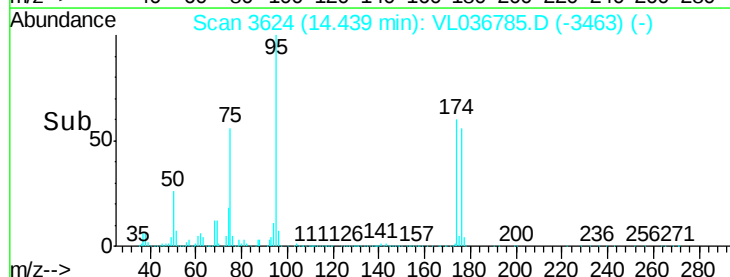
400000

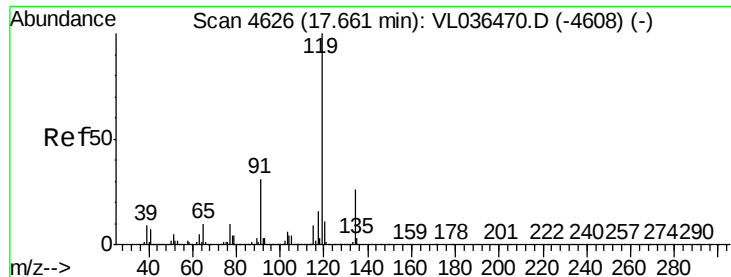
200000

0

14.40 14.50

Time-->





#69

p-Isopropyltoluene

Concen: 10.920 ppbv

RT: 17.68 min Scan# 4631

Delta R.T. 0.02 min

Lab File: VL036785.D

Acq: 12 Apr 2021 9:26

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion: 119 Resp: 5520658

Ion Ratio Lower Upper

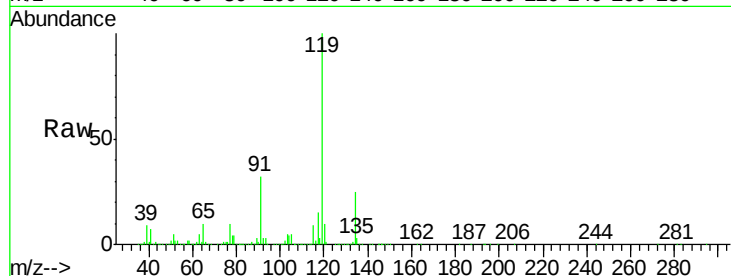
119 100

134 25.7 20.6 30.8

91 31.2 25.0 37.6

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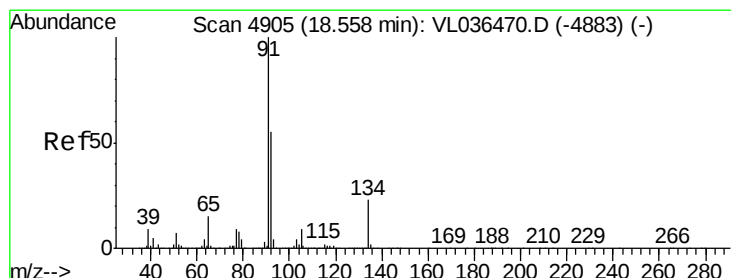
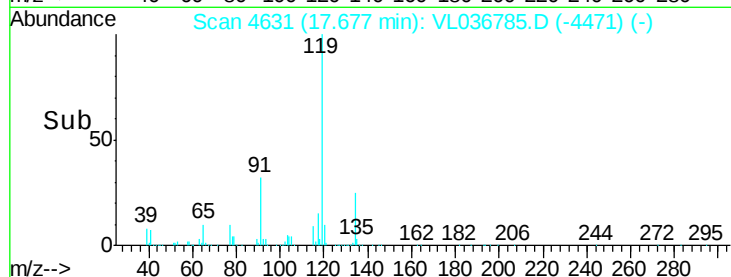
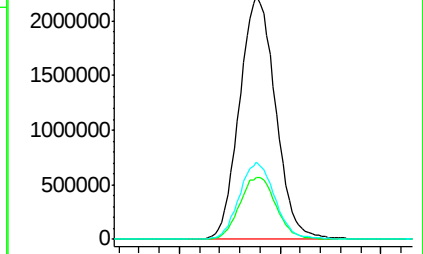
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Abundance Ion 119.10 (118.80 to 119.80): V

Ion 134.20 (133.90 to 134.90): V

Ion 91.10 (90.80 to 91.80): V



#70

n-Butylbenzene

Concen: 10.960 ppbv

RT: 18.57 min Scan# 4910

Delta R.T. 0.02 min

Lab File: VL036785.D

Acq: 12 Apr 2021 9:26

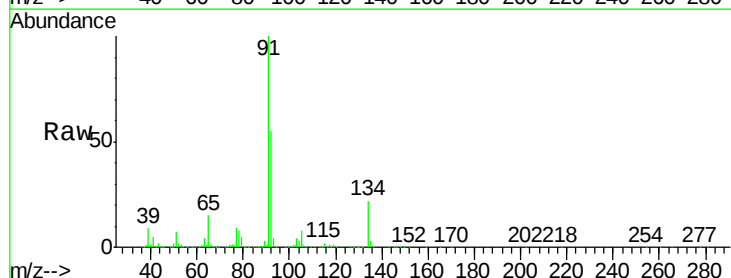
Tgt Ion: 91 Resp: 5745265

Ion Ratio Lower Upper

91 100

92 54.0 43.8 65.8

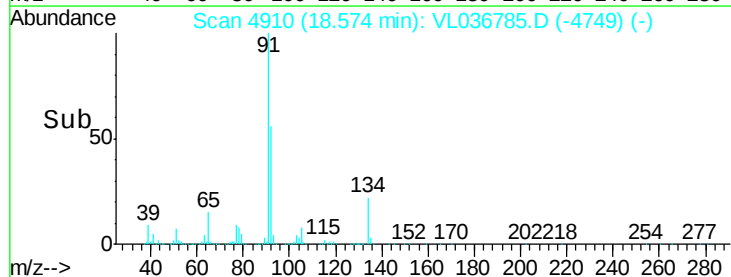
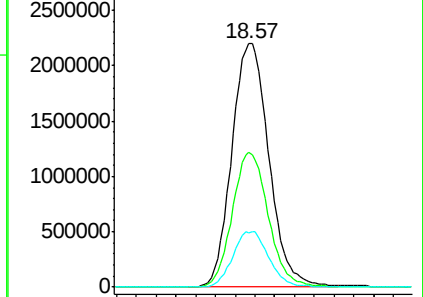
134 22.2 18.0 27.0

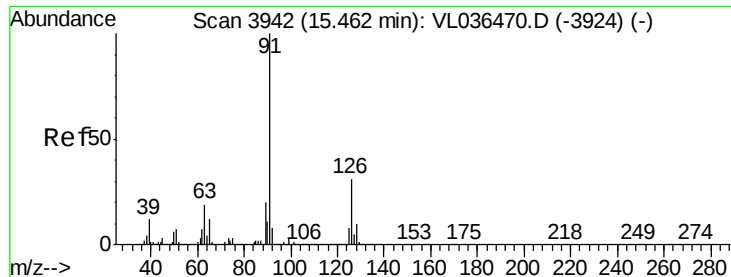


Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0

Ion 134.20 (133.90 to 134.90): V





#71

2-Chlorotoluene

Concen: 10.718 ppbv

RT: 15.48 min Scan# 3947

Delta R.T. 0.02 min

Lab File: VL036785.D

Acq: 12 Apr 2021 9:26

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion: 91 Resp: 4248048

Ion Ratio Lower Upper

91 100

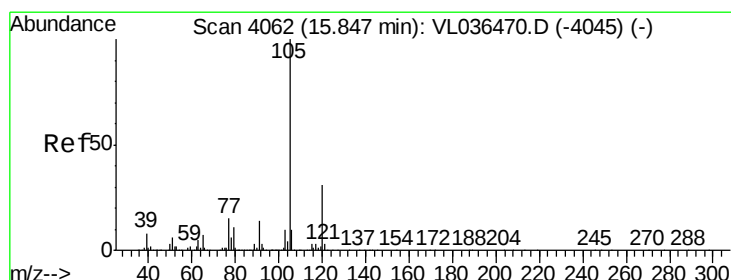
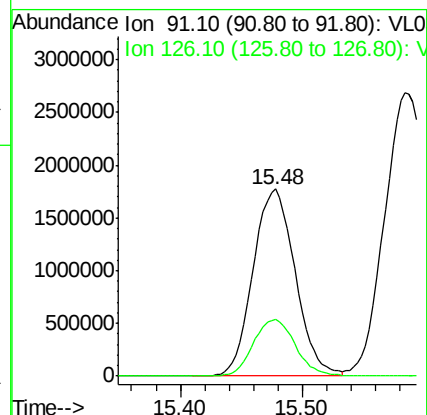
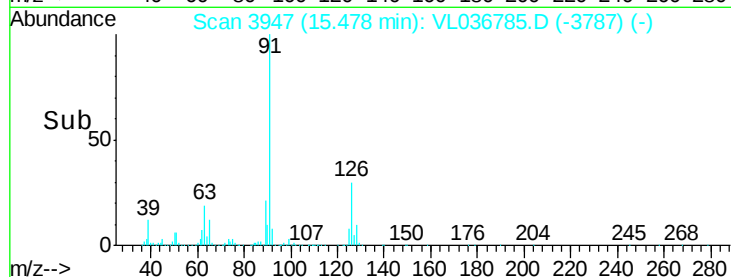
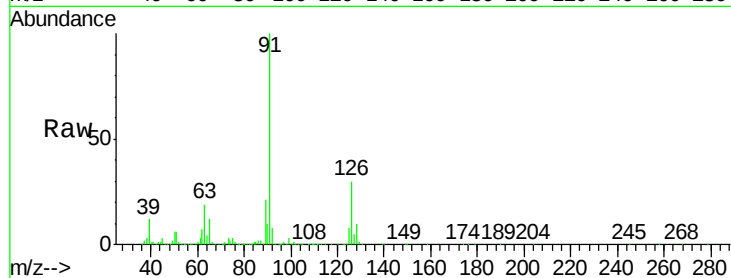
126 30.8 12.1 48.5

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#72

4-Ethyltoluene

Concen: 11.069 ppbv

RT: 15.86 min Scan# 4067

Delta R.T. 0.02 min

Lab File: VL036785.D

Acq: 12 Apr 2021 9:26

Tgt Ion: 105 Resp: 4764157

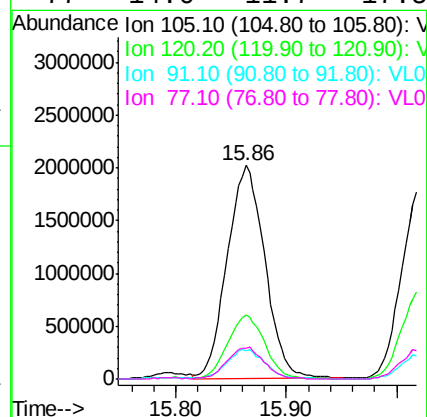
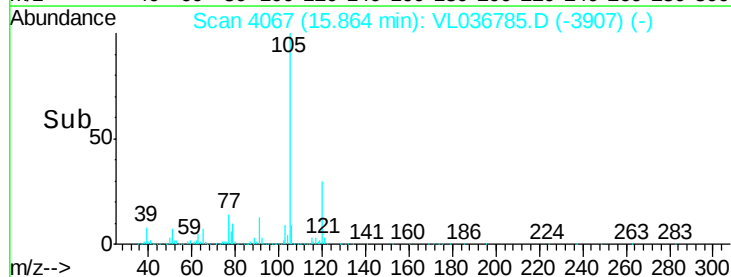
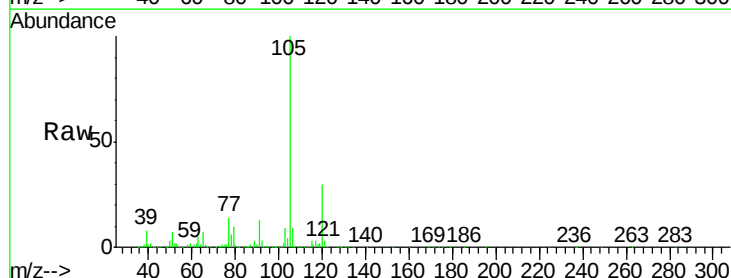
Ion Ratio Lower Upper

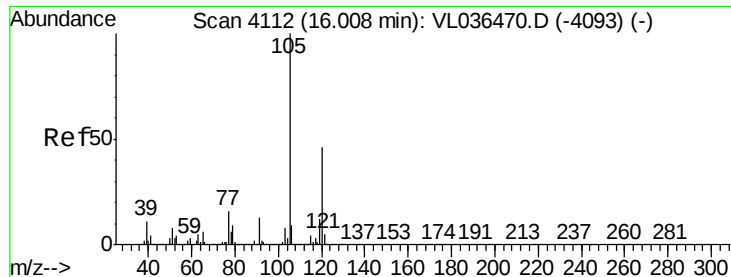
105 100

120 29.7 24.0 36.0

91 13.9 11.0 16.4

77 14.6 11.7 17.5





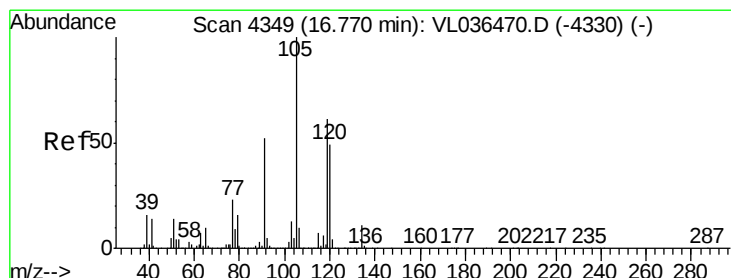
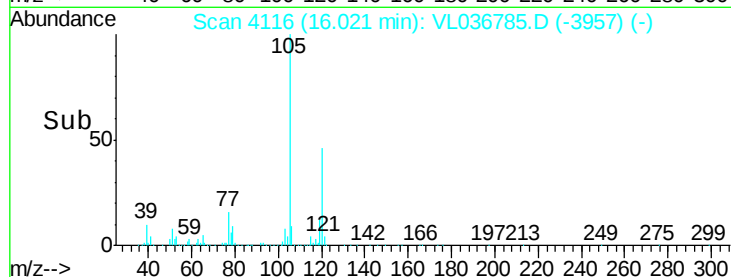
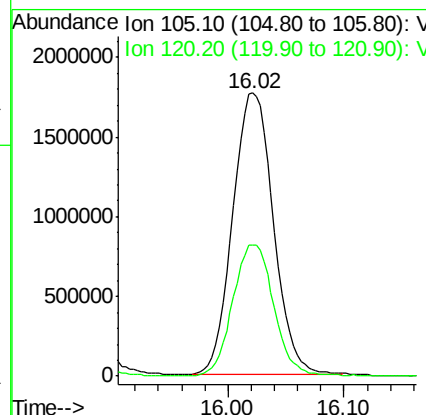
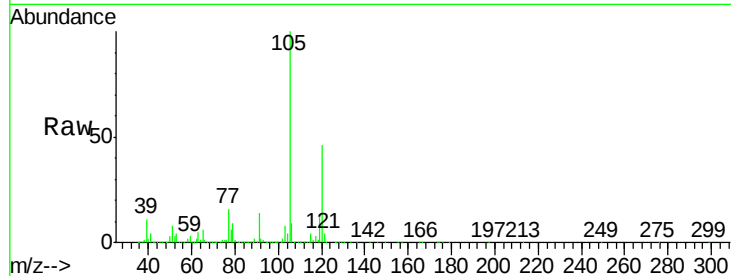
#73
 1,3,5-Trimethylbenzene
 Concen: 10.745 ppbv
 RT: 16.02 min Scan# 4116
 Delta R.T. 0.01 min
 Lab File: VL036785.D
 Acq: 12 Apr 2021 9:26

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion:105 Resp: 4316309
 Ion Ratio Lower Upper
 105 100
 120 46.1 36.6 54.8

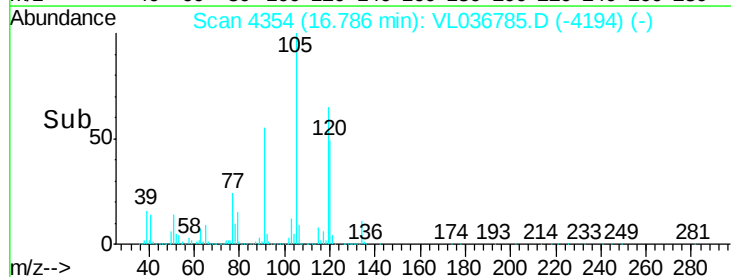
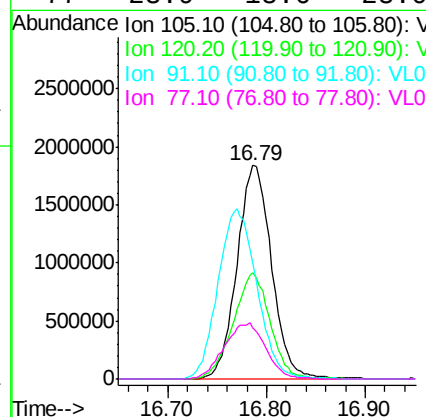
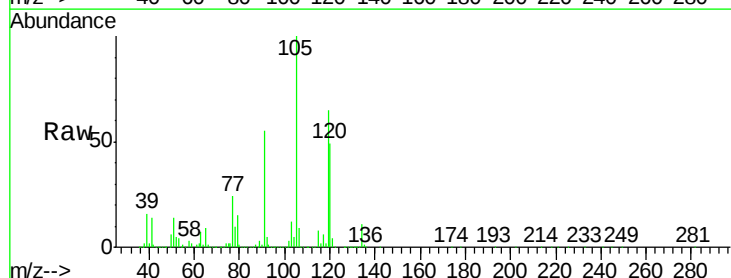
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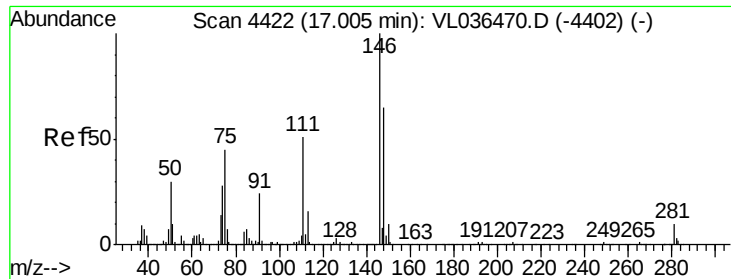
apatel
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#74
 1,2,4-Trimethylbenzene
 Concen: 10.387 ppbv
 RT: 16.79 min Scan# 4354
 Delta R.T. 0.02 min
 Lab File: VL036785.D
 Acq: 12 Apr 2021 9:26

Tgt Ion:105 Resp: 4465043
 Ion Ratio Lower Upper
 105 100
 120 49.2 39.2 58.8
 91 54.3 42.6 64.0
 77 23.9 18.6 28.0





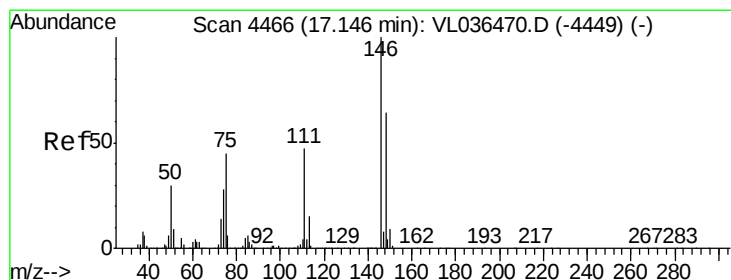
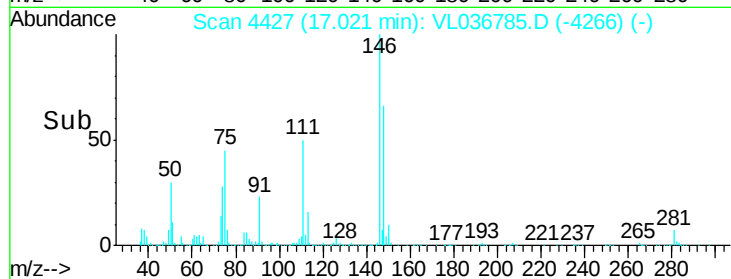
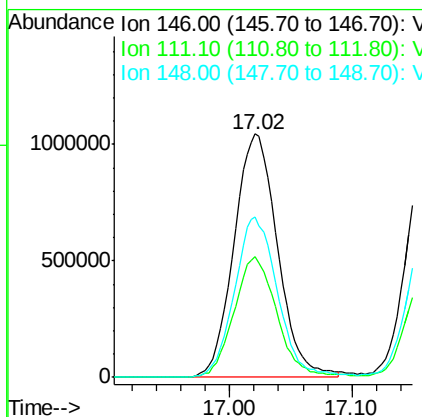
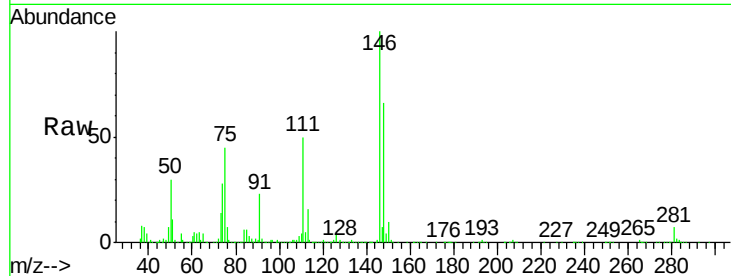
#75
 1,3-Dichlorobenzene
 Concen: 10.618 ppbv
 RT: 17.02 min Scan# 4427
 Delta R.T. 0.02 min
 Lab File: VL036785.D
 Acq: 12 Apr 2021 9:26

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion:146 Resp: 2569045
 Ion Ratio Lower Upper
 146 100
 111 49.3 24.5 73.5
 148 65.5 32.3 96.9

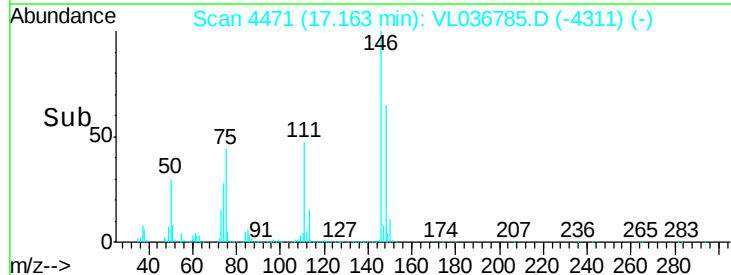
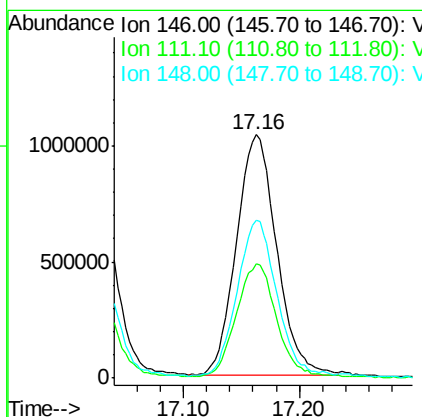
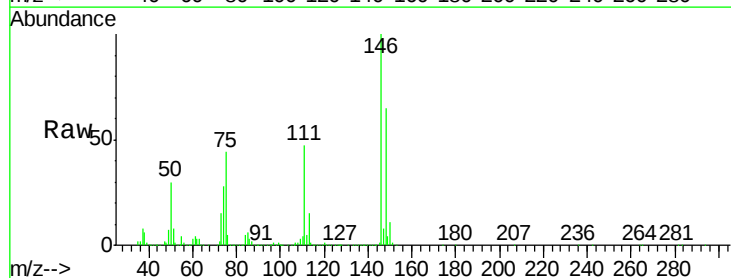
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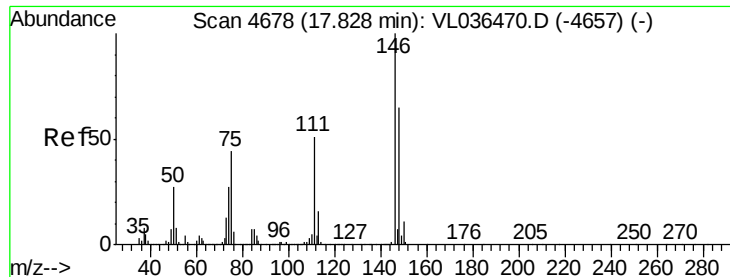
apatel
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#76
 1,4-Dichlorobenzene
 Concen: 10.366 ppbv
 RT: 17.16 min Scan# 4471
 Delta R.T. 0.02 min
 Lab File: VL036785.D
 Acq: 12 Apr 2021 9:26

Tgt Ion:146 Resp: 2490206
 Ion Ratio Lower Upper
 146 100
 111 48.3 24.3 72.8
 148 66.7 33.0 98.9





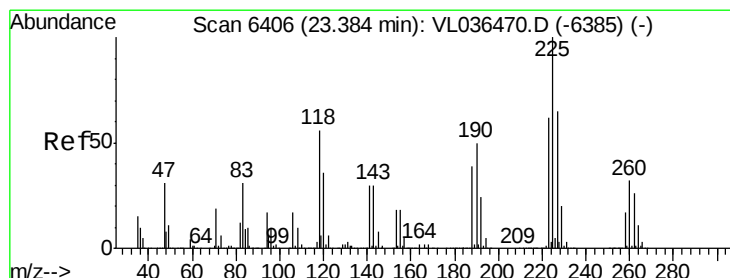
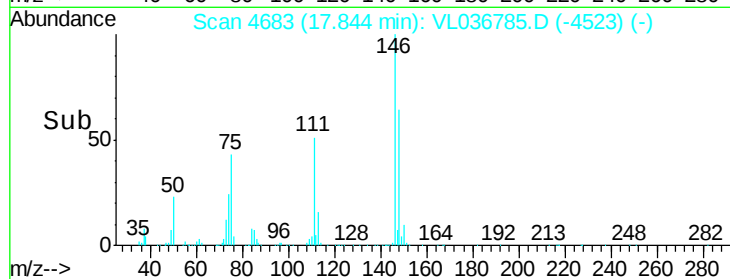
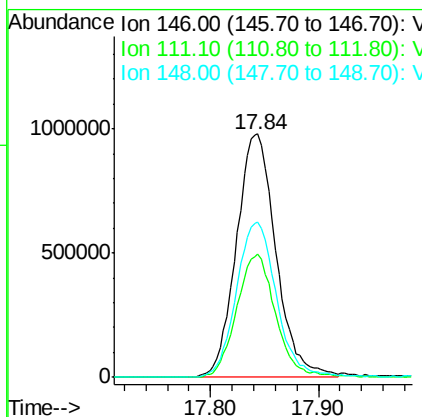
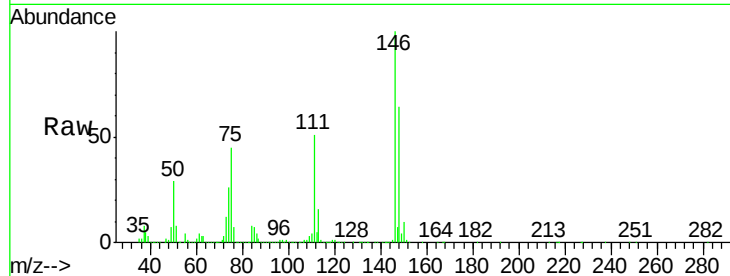
#77
 1,2-Dichlorobenzene
 Concen: 10.920 ppbv
 RT: 17.84 min Scan# 4683
 Delta R.T. 0.02 min
 Lab File: VL036785.D
 Acq: 12 Apr 2021 9:26

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	50.6	25.5	76.5
148	65.6	32.9	98.6

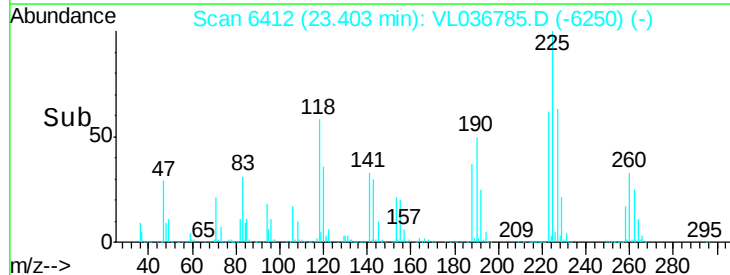
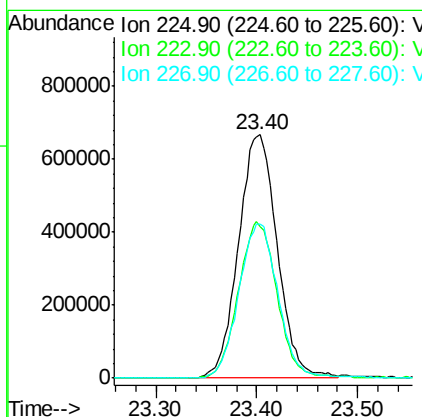
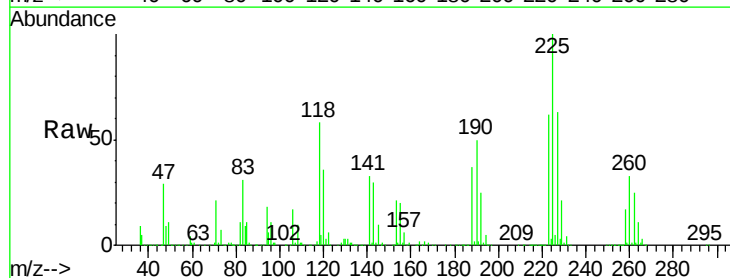
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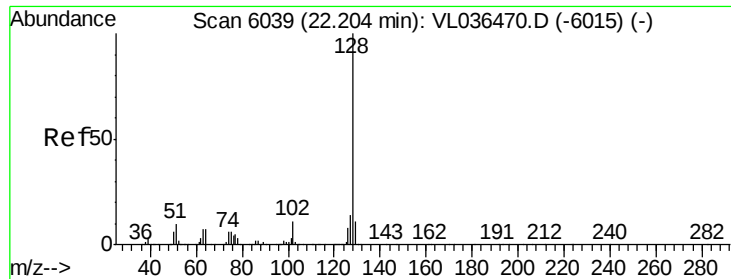
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#78
 Hexachloro-1,3-Butadiene
 Concen: 8.753 ppbv
 RT: 23.40 min Scan# 6412
 Delta R.T. 0.02 min
 Lab File: VL036785.D
 Acq: 12 Apr 2021 9:26

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.4	50.6	75.8
227	64.6	52.2	78.2





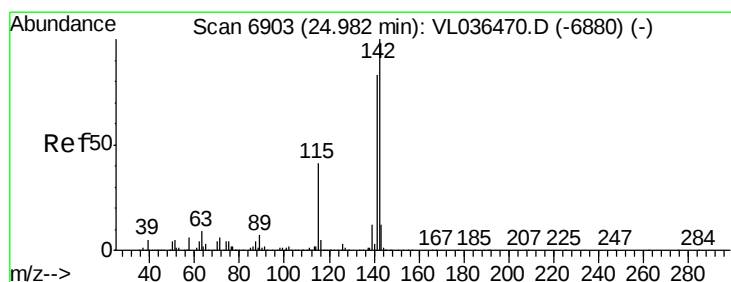
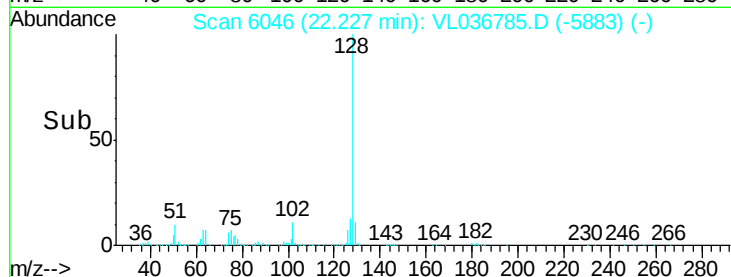
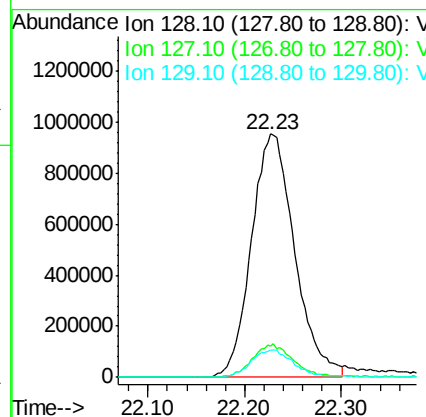
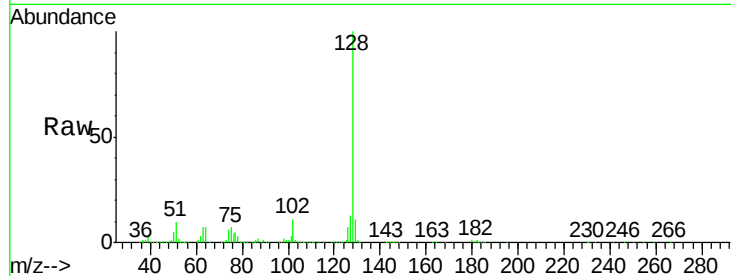
#79
Naphthalene
Concen: 11.822 ppbv
RT: 22.23 min Scan# 6046
Delta R.T. 0.02 min
Lab File: VL036785.D
Acq: 12 Apr 2021 9:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.9	16.3
129	11.0	9.0	13.4

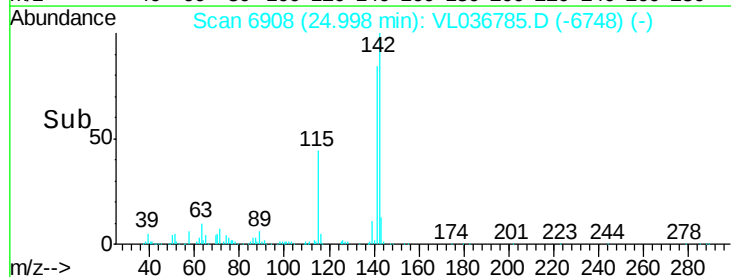
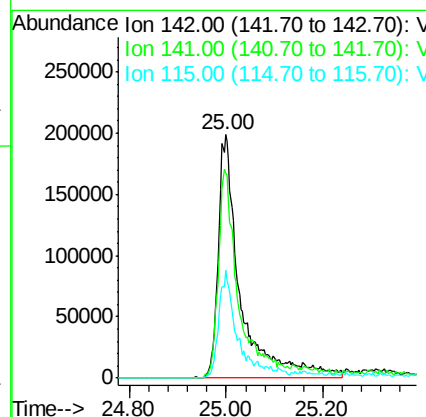
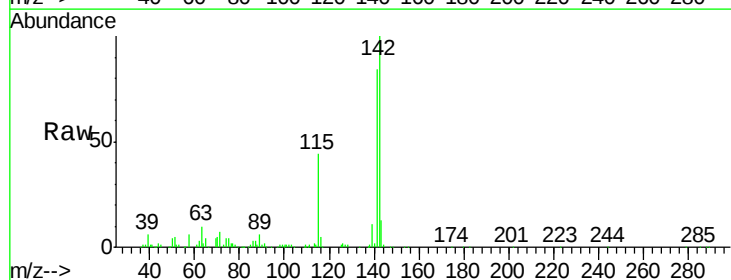
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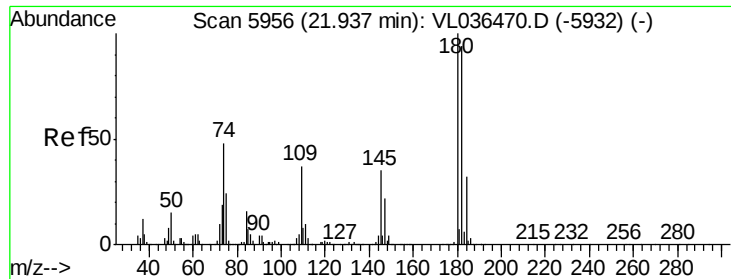
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#80
Naphthalene, 2-methyl-
Concen: 12.869 ppbv
RT: 25.00 min Scan# 6908
Delta R.T. 0.02 min
Lab File: VL036785.D
Acq: 12 Apr 2021 9:26

Tgt Ion	Ratio	Lower	Upper
142	100		
141	77.8	67.8	101.8
115	38.7	34.0	51.0





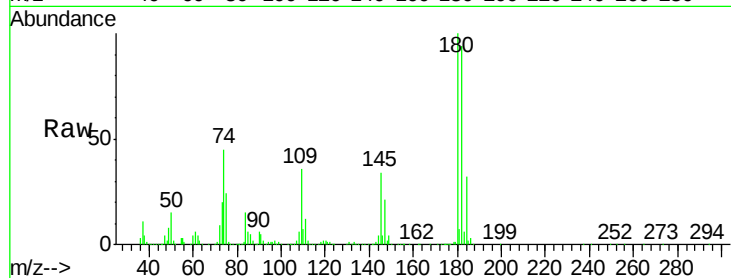
#81
 1,2,4-Trichlorobenzene
 Concen: 11.125 ppbv
 RT: 21.96 min Scan# 5963
 Delta R.T. 0.02 min
 Lab File: VL036785.D
 Acq: 12 Apr 2021 9:26

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion	Ratio	Lower	Upper
180	100		
182	99.3	80.8	121.2
184	32.0	25.0	37.4

Manual Integrations
 APPROVED

apatel
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Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 184.00 (183.70 to 184.70): V

