

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL012821\
 Data File : VL036272.D
 Acq On : 28 Jan 2021 13:30
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

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 2/1/2021 1:51:58 PM

Quant Time: Jan 29 02:50:10 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL011321AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan 1
 QLast Update : Thu Jan 14 16:13:38 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1464373	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3281704	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	3234615m	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2651645	9.90	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.00%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	3.04	85	1662818	8.471	ppbv	100
3) Chlorodifluoromethane	2.98	51	1781211	9.904	ppbv	98
4) Chloromethane	3.13	50	853321	9.600	ppbv	98
5) Vinyl Chloride	3.25	62	821283	9.764	ppbv	97
6) Bromomethane	3.47	94	467349	9.939	ppbv	97
7) Chloroethane	3.55	64	298433	10.303	ppbv	96
8) Dichlorotetrafluoroethane	3.18	85	1916376	10.077	ppbv	99
9) Propene	3.00	41	809254	9.449	ppbv	98
10) Heptane	8.12	43	2089964	9.831	ppbv	99
11) Trichlorofluoromethane	3.95	101	2057059	10.308	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.48	101	1296002	10.712	ppbv	98
13) Ethanol	3.60	45	144845	10.771	ppbv	97
14) Bromoethene	3.74	108	554477	10.065	ppbv	100
15) Acetone	3.85	43	1676374	9.347	ppbv	96
16) 1,3-Butadiene	3.32	39	877924	10.048	ppbv	98
17) tert-Butyl alcohol	4.29	59	1681366	11.361	ppbv	100
18) 1,1-Dichloroethene	4.28	96	576383	10.276	ppbv	94
19) Isopropyl Alcohol	3.97	45	1155941	10.691	ppbv	99
20) Methylene Chloride	4.34	84	498718	8.713	ppbv	98
21) Allyl Chloride	4.41	41	1025717	10.507	ppbv	95
22) trans-1,2-Dichloroethene	4.88	96	564578	10.894	ppbv	99
23) Vinyl Acetate	5.07	43	2327698	10.711	ppbv #	98
24) 1,1-Dichloroethane	5.01	63	1613722	10.251	ppbv	98
25) Ethyl Acetate	5.68	43	3520588	9.778	ppbv	100
26) Hexane	5.68	57	1409396	9.402	ppbv	99
27) Carbon Disulfide	4.55	76	1484027	12.380	ppbv	99
28) Methyl tert-Butyl Ether	5.03	73	2037792	10.052	ppbv	97
29) Chloroform	5.75	83	2181136	10.162	ppbv	96
30) Cyclohexane	7.13	84	1190449	10.392	ppbv	99
31) cis-1,2-Dichloroethene	5.55	61	1485880	10.370	ppbv	93
32) 1,1,1-Trichloroethane	6.51	97	2201326	10.604	ppbv	99
34) 2-Butanone	5.24	43	2214250	9.162	ppbv	98
35) Carbon Tetrachloride	7.01	117	2226446	10.738	ppbv	98
36) Benzene	6.89	78	2893409	9.622	ppbv	98
37) 1,2-Dichloroethane	6.30	62	1820669	10.062	ppbv	99
38) Trichloroethene	7.83	130	982162	8.819	ppbv	95
39) 1,2-Dichloropropane	7.61	63	1202377	9.848	ppbv	99
40) 1,4-Dioxane	7.83	88	370615	8.392	ppbv #	1
41) Tetrahydrofuran	6.05	42	1347200	9.646	ppbv	98
42) Bromodichloromethane	7.79	83	2439171	10.725	ppbv	100
43) Methyl Methacrylate	8.01	69	1318293	10.316	ppbv	98

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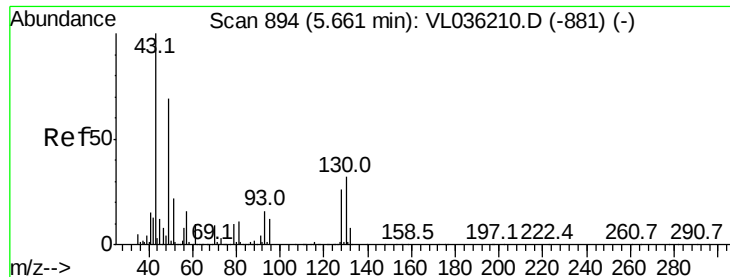
Manual Integrations
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL011321AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan 1
 QLast Update : Thu Jan 14 16:13:38 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	5008320	9.068	ppbv	99
45) t-1,3-Dichloropropene	9.28	75	1447143	11.923	ppbv	99
46) cis-1,3-Dichloropropene	8.70	75	1758211	11.273	ppbv	98
47) 1,1,2-Trichloroethane	9.48	97	1176432	10.072	ppbv	95
48) Dibromochloromethane	10.31	129	1909125	11.172	ppbv	98
49) Bromoform	13.05	173	1602239	11.233	ppbv	99
50) 4-Methyl-2-Pentanone	8.74	43	3502807	9.721	ppbv	100
51) 2-Hexanone	10.14	43	2879920	10.131	ppbv	99
52) Tetrachloroethene	11.22	164	964424	8.704	ppbv	99
53) Toluene	9.81	91	3309199	9.838	ppbv	100
54) 1,2-Dibromoethane	10.61	107	1732388	10.006	ppbv	97
56) 1,1,1,2-Tetrachloroethane	12.13	131	1401886	9.712	ppbv #	93
57) Chlorobenzene	12.15	112	2319378	9.139	ppbv	98
58) Ethyl Benzene	12.72	91	4482351	9.338	ppbv	99
59) m/p-Xylene	13.00	91	7555746m	18.320	ppbv	
60) o-Xylene	13.69	91	3497024	8.796	ppbv	100
61) Styrene	13.53	104	2497856	9.950	ppbv	99
62) Isopropylbenzene	14.67	105	5274072	8.923	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.68	83	2484468	8.393	ppbv	99
64) n-propylbenzene	15.56	120	1352777	9.315	ppbv	100
65) tert-Butylbenzene	16.75	119	4455692	8.896	ppbv	100
66) Benzyl Chloride	17.00	91	1672381	13.069	ppbv	99
67) sec-Butylbenzene	17.30	105	6483774	8.721	ppbv	100
69) p-Isopropyltoluene	17.66	119	5251024	8.905	ppbv	100
70) n-Butylbenzene	18.55	91	5654613	9.000	ppbv	99
71) 2-Chlorotoluene	15.46	91	4158591	8.951	ppbv	100
72) 4-Ethyltoluene	15.84	105	4029864	8.982	ppbv	99
73) 1,3,5-Trimethylbenzene	16.00	105	3894248	9.106	ppbv	98
74) 1,2,4-Trimethylbenzene	16.77	105	3957404	9.021	ppbv	97
75) 1,3-Dichlorobenzene	17.00	146	2102778	8.937	ppbv	99
76) 1,4-Dichlorobenzene	17.15	146	2107517	9.067	ppbv	99
77) 1,2-Dichlorobenzene	17.82	146	2081229	9.056	ppbv	100
78) Hexachloro-1,3-Butadiene	23.38	225	1530451	8.327	ppbv	99
79) Naphthalene	22.21	128	2962122	11.552	ppbv	98
80) Naphthalene, 2-methyl-	24.98	142	1095072	20.014	ppbv	94
81) 1,2,4-Trichlorobenzene	21.94	180	1508281	10.075	ppbv	99

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 896

Delta R.T. 0.01 min

Lab File: VL036272.D

Acq: 28 Jan 2021 13:30

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion: 49 Resp: 1464373

Ion Ratio Lower Upper

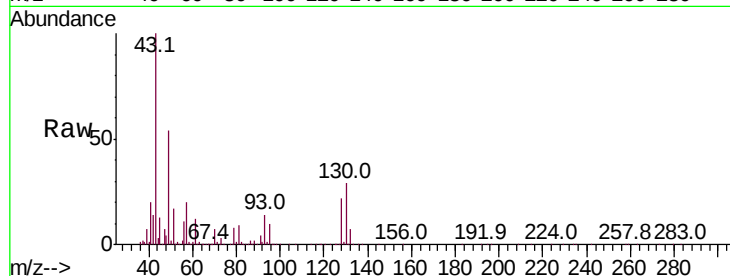
49 100

128 41.6 20.1 60.2

130 52.3 25.3 75.9

Manual Integrations
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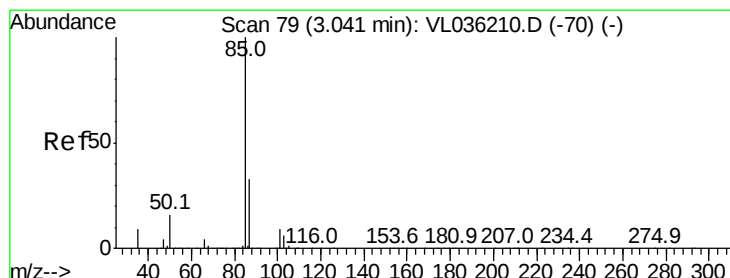
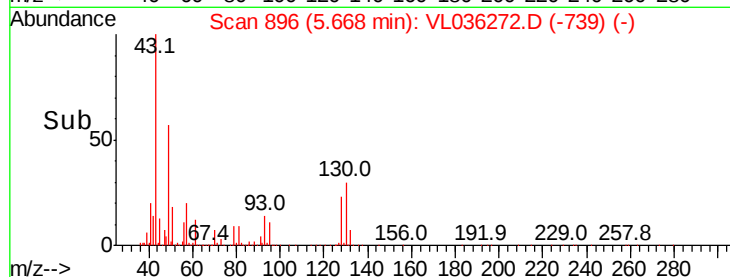
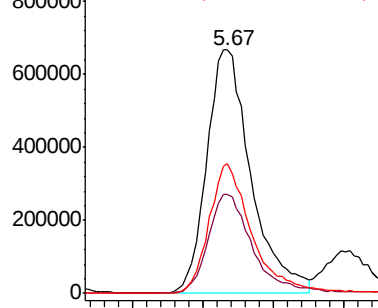
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 8.471 ppbv

RT: 3.04 min Scan# 80

Delta R.T. 0.00 min

Lab File: VL036272.D

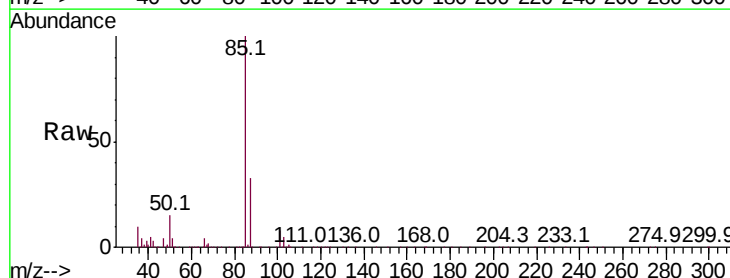
Acq: 28 Jan 2021 13:30

Tgt Ion: 85 Resp: 1662818

Ion Ratio Lower Upper

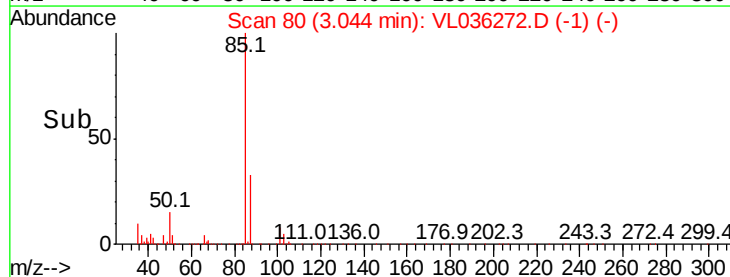
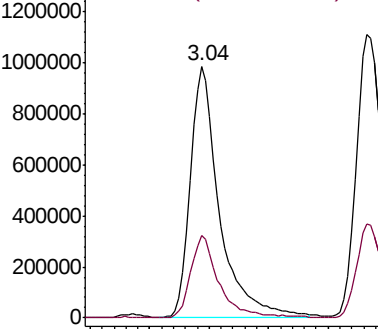
85 100

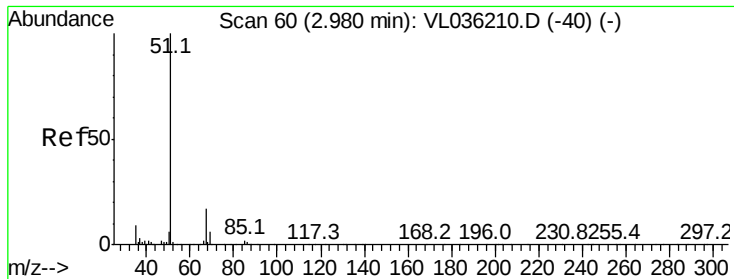
87 32.9 26.4 39.6



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 9.904 ppbv

RT: 2.98 min Scan# 61

Delta R.T. 0.00 min

Lab File: VL036272.D

Acq: 28 Jan 2021 13:30

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion: 51 Resp: 1781211

Ion Ratio Lower Upper

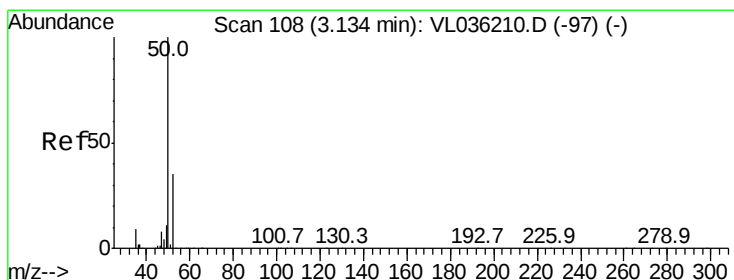
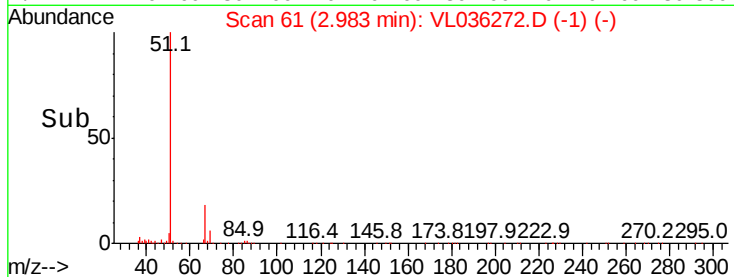
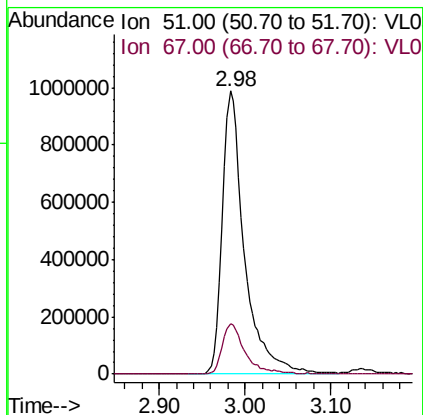
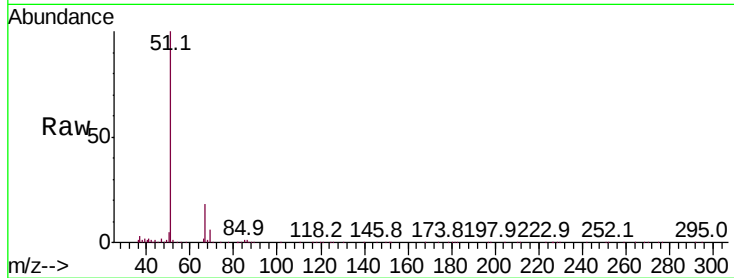
51 100

67 18.5 14.0 21.0

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#4

Chloromethane

Concen: 9.600 ppbv

RT: 3.13 min Scan# 108

Delta R.T. -0.00 min

Lab File: VL036272.D

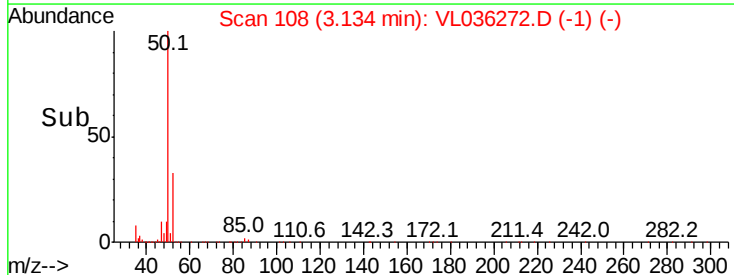
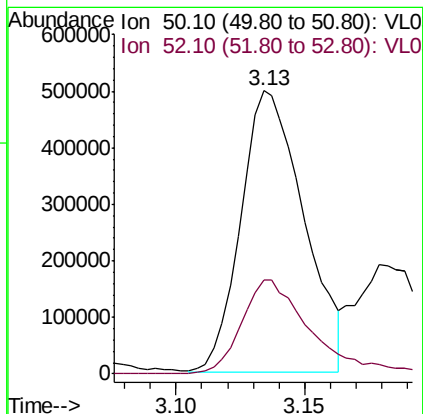
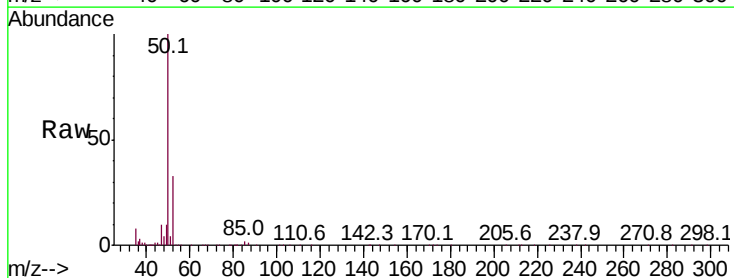
Acq: 28 Jan 2021 13:30

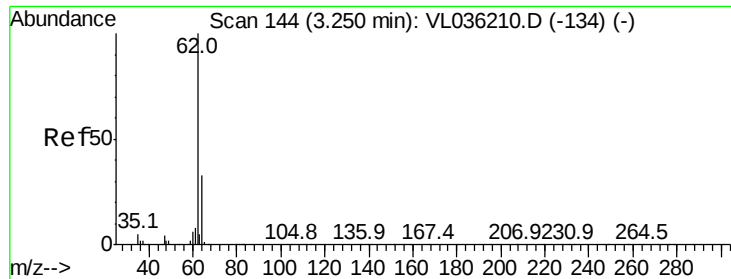
Tgt Ion: 50 Resp: 853321

Ion Ratio Lower Upper

50 100

52 33.5 27.8 41.8





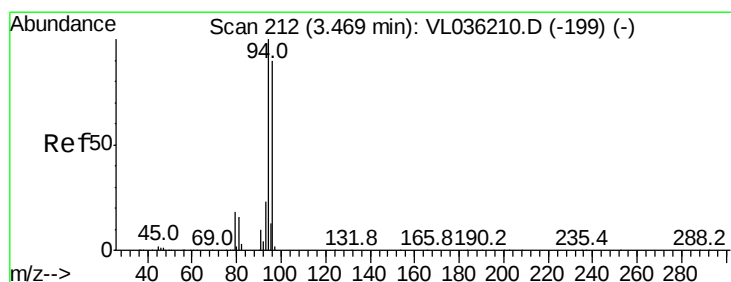
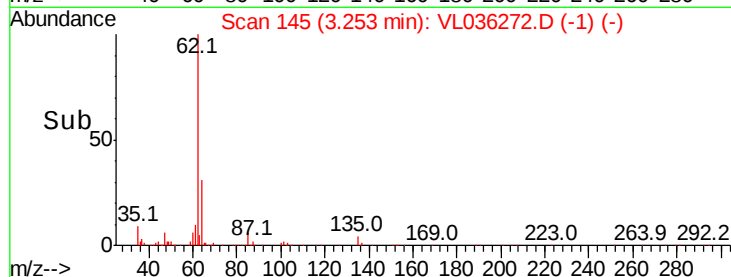
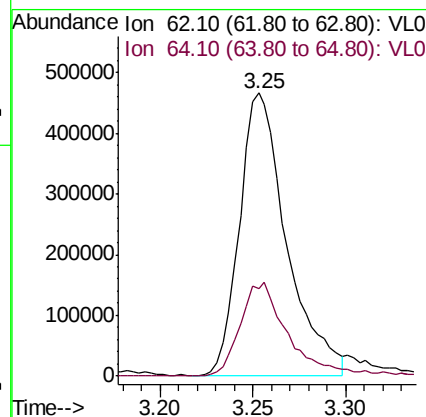
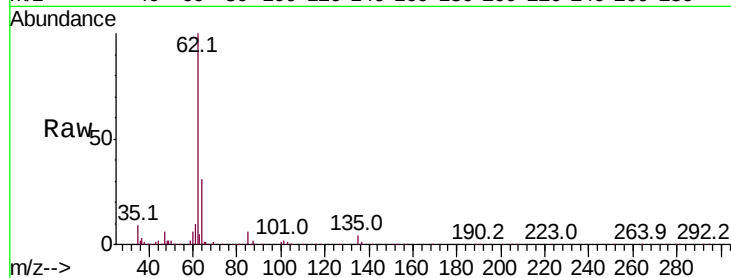
#5
 Vinyl Chloride
 Concen: 9.764 ppbv
 RT: 3.25 min Scan# 145
 Delta R.T. 0.00 min
 Lab File: VL036272.D
 Acq: 28 Jan 2021 13:30

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion	Ratio	Lower	Upper
62	100		
64	31.0	26.2	39.2

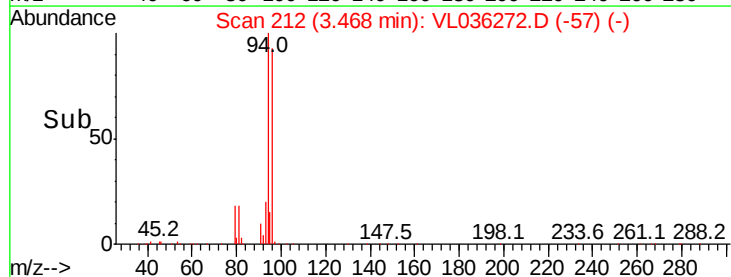
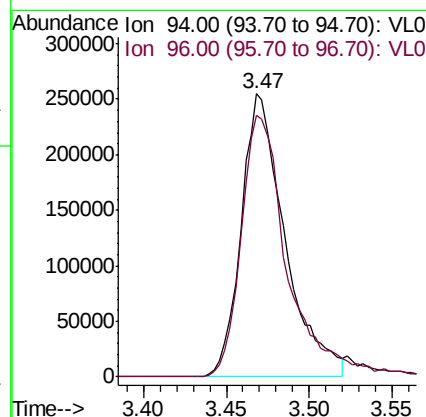
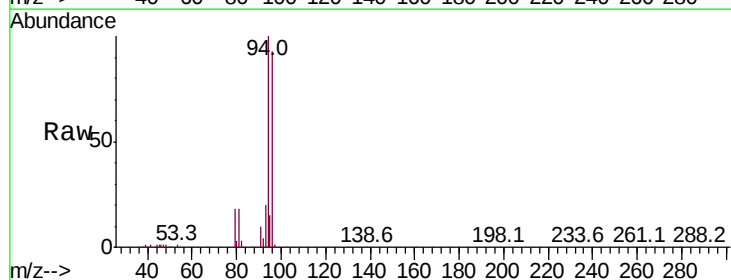
Manual Integrations
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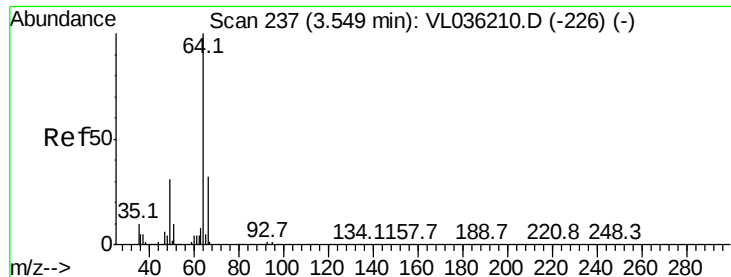
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#6
 Bromomethane
 Concen: 9.939 ppbv
 RT: 3.47 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VL036272.D
 Acq: 28 Jan 2021 13:30

Tgt Ion	Ratio	Lower	Upper
94	100		
96	92.6	71.9	107.9





#7

Chloroethane

Concen: 10.303 ppbv

RT: 3.55 min Scan# 238

Delta R.T. 0.00 min

Lab File: VL036272.D

Acq: 28 Jan 2021 13:30

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion: 64 Resp: 298433

Ion Ratio Lower Upper

64 100

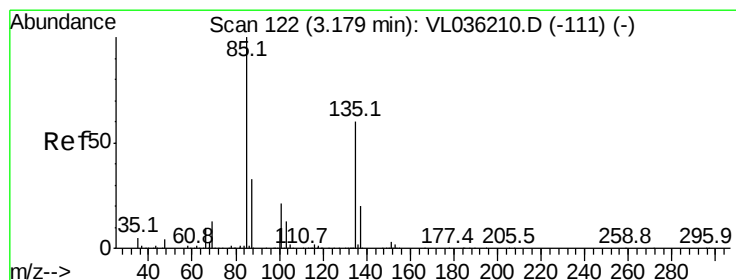
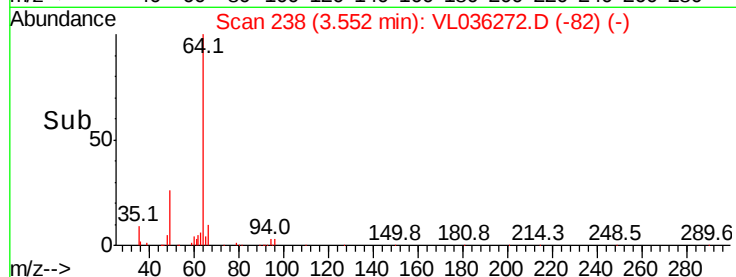
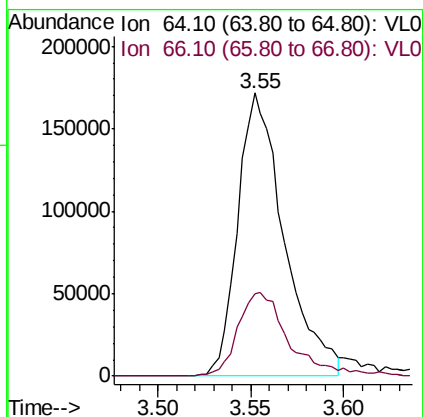
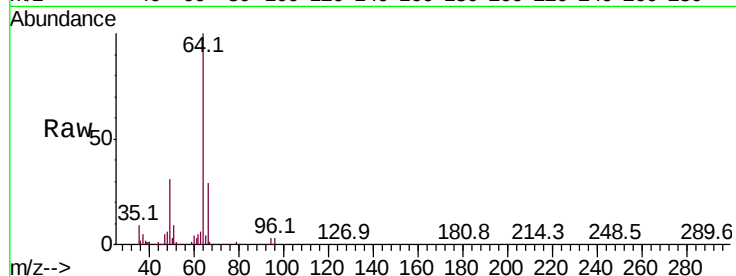
66 29.3 25.2 37.8

Manual Integrations

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#8

Dichlorotetrafluoroethane

Concen: 10.077 ppbv

RT: 3.18 min Scan# 123

Delta R.T. 0.00 min

Lab File: VL036272.D

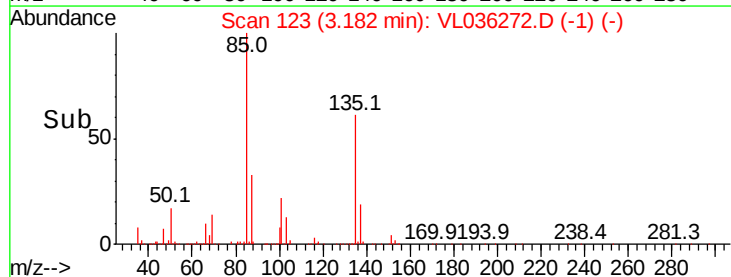
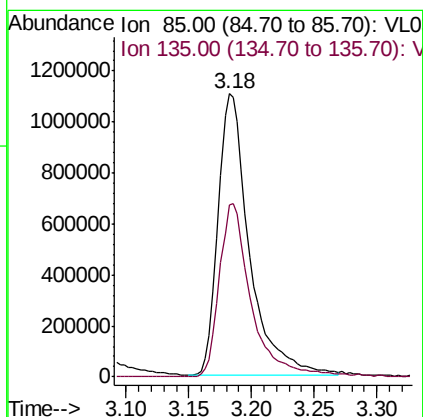
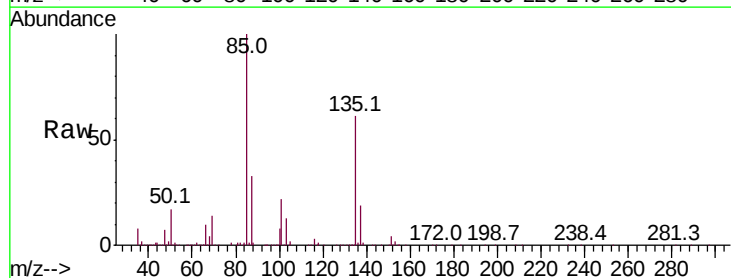
Acq: 28 Jan 2021 13:30

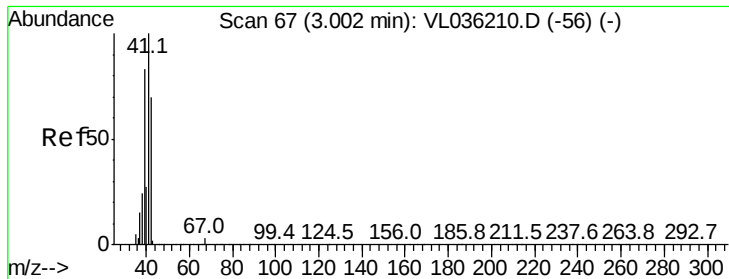
Tgt Ion: 85 Resp: 1916376

Ion Ratio Lower Upper

85 100

135 63.6 51.5 77.3





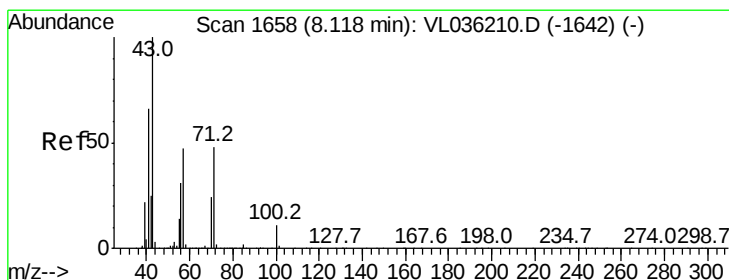
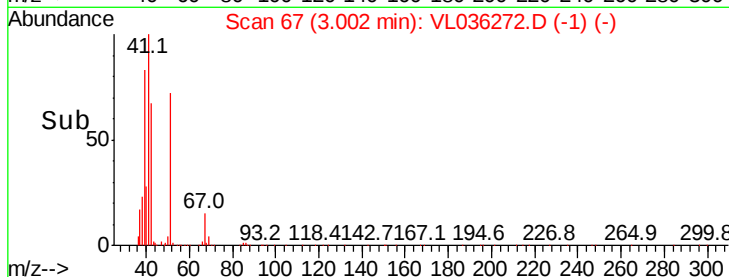
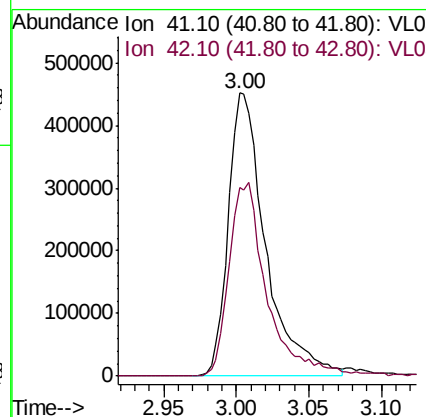
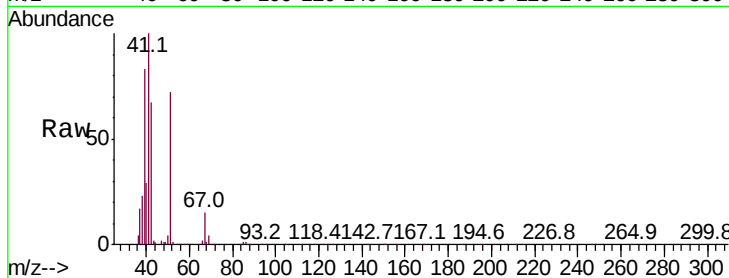
#9
Propene
Concen: 9.449 ppbv
RT: 3.00 min Scan# 67
Delta R.T. -0.00 min
Lab File: VL036272.D
Acq: 28 Jan 2021 13:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion: 41 Resp: 809254
Ion Ratio Lower Upper
41 100
42 69.6 57.1 85.7

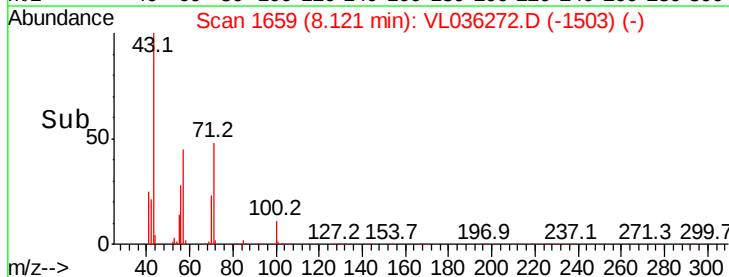
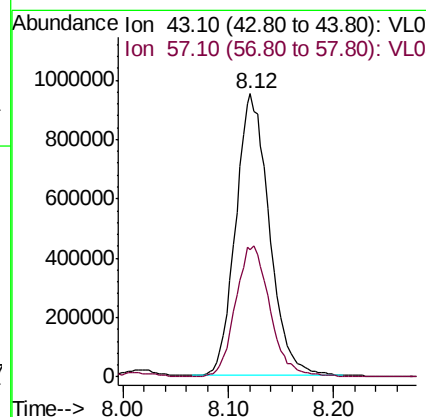
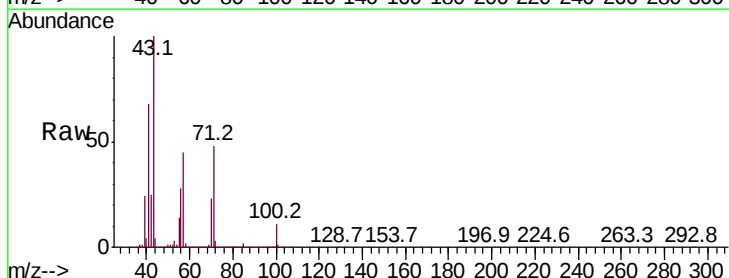
Manual Integrations
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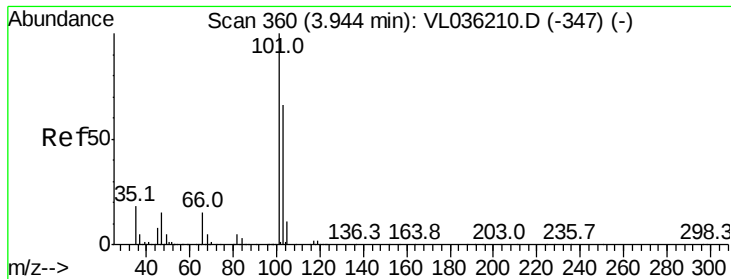
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#10
Heptane
Concen: 9.831 ppbv
RT: 8.12 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VL036272.D
Acq: 28 Jan 2021 13:30

Tgt Ion: 43 Resp: 2089964
Ion Ratio Lower Upper
43 100
57 48.1 38.1 57.1





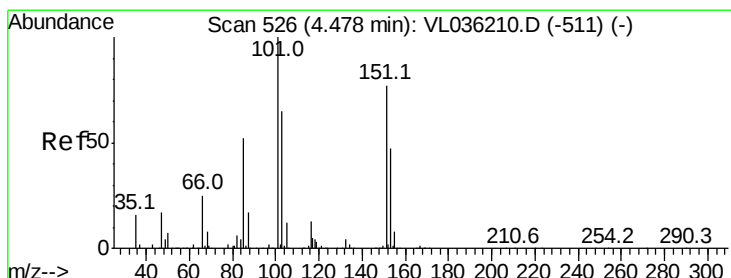
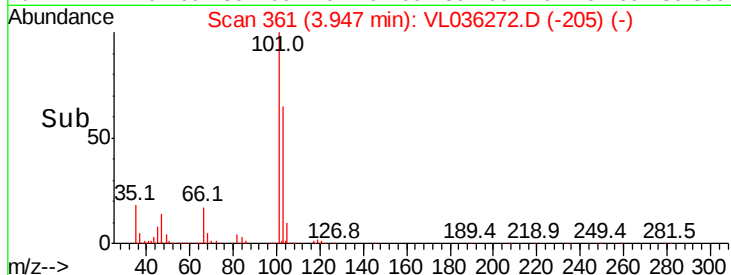
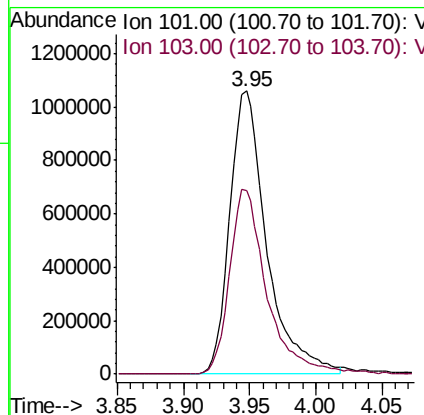
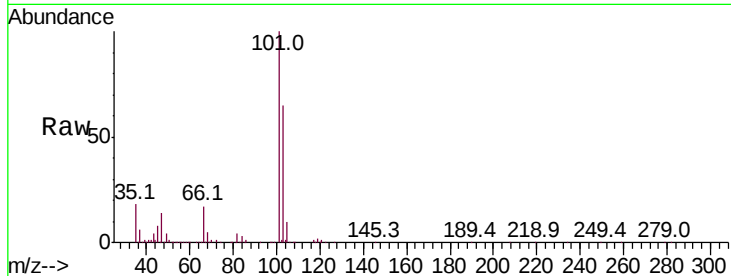
#11
 Trichlorofluoromethane
 Concen: 10.308 ppbv
 RT: 3.95 min Scan# 361
 Delta R.T. 0.00 min
 Lab File: VL036272.D
 Acq: 28 Jan 2021 13:30

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion:101 Resp: 2057059
 Ion Ratio Lower Upper
 101 100
 103 65.0 52.6 78.8

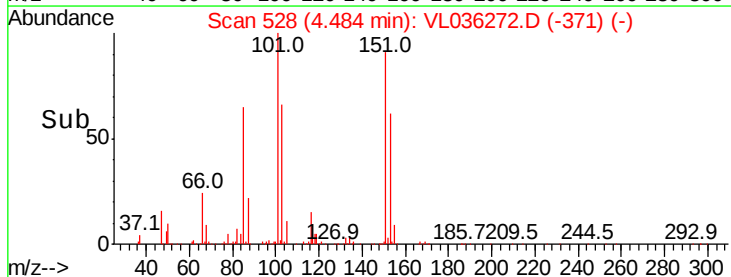
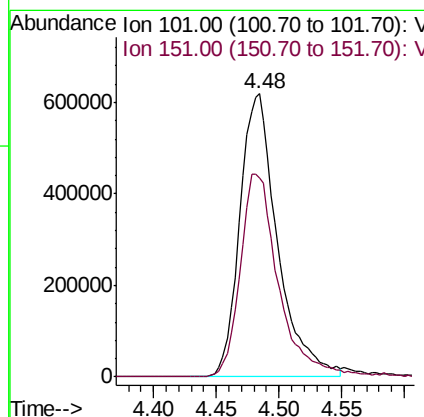
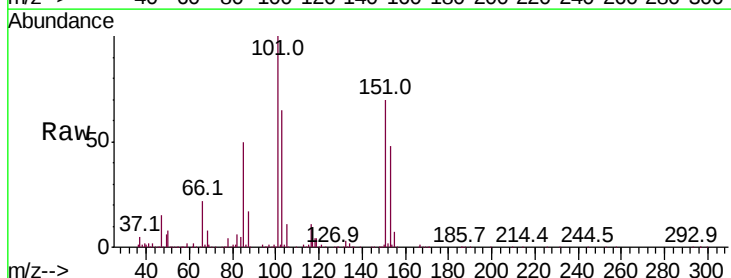
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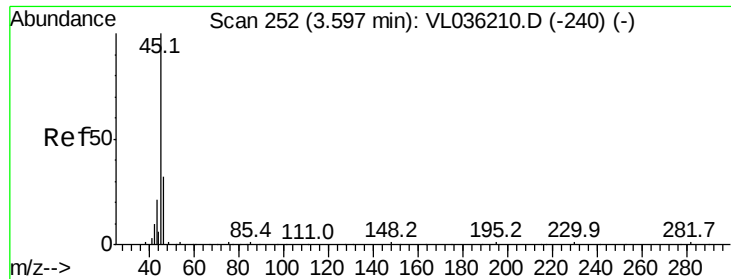
MMDadoda
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#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.712 ppbv
 RT: 4.48 min Scan# 528
 Delta R.T. 0.01 min
 Lab File: VL036272.D
 Acq: 28 Jan 2021 13:30

Tgt Ion:101 Resp: 1296002
 Ion Ratio Lower Upper
 101 100
 151 73.3 59.8 89.6





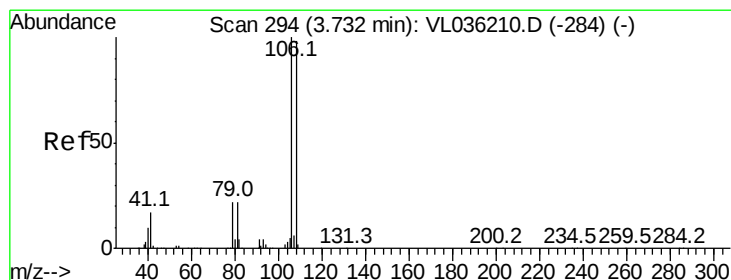
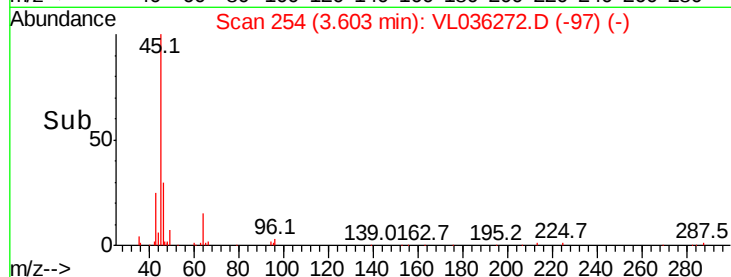
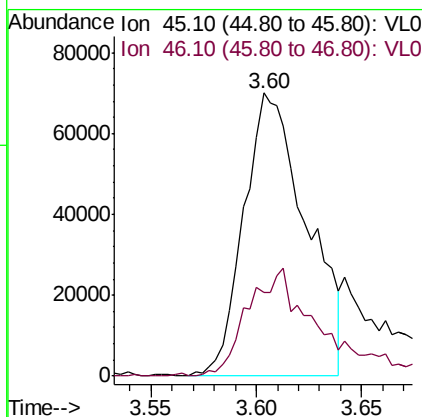
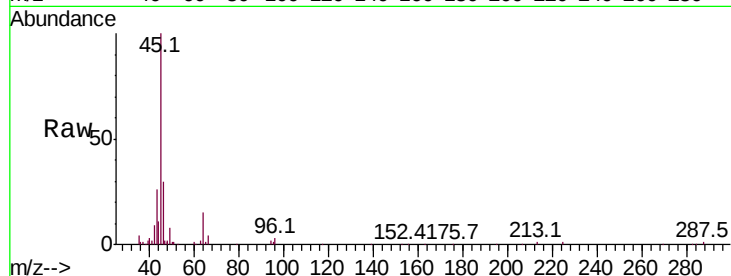
#13
Ethanol
Concen: 10.771 ppbv
RT: 3.60 min Scan# 254
Delta R.T. 0.01 min
Lab File: VL036272.D
Acq: 28 Jan 2021 13:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion: 45 Resp: 144845
Ion Ratio Lower Upper
45 100
46 46.1 19.2 77.0

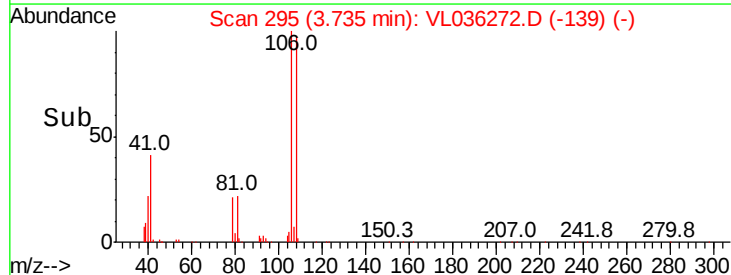
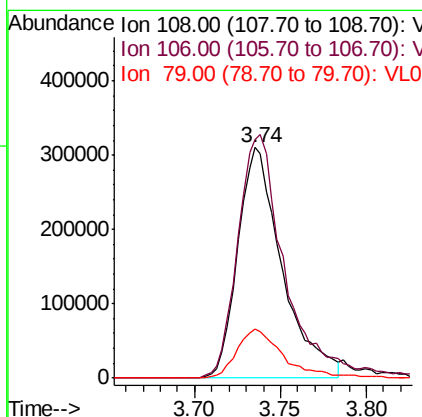
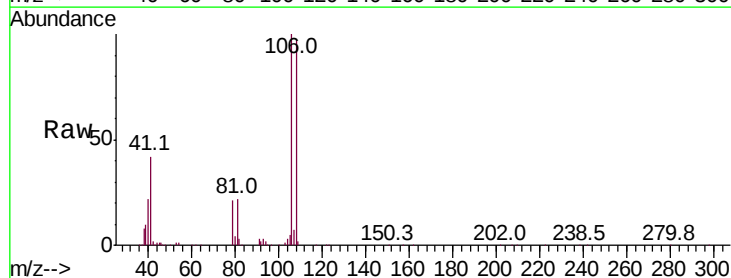
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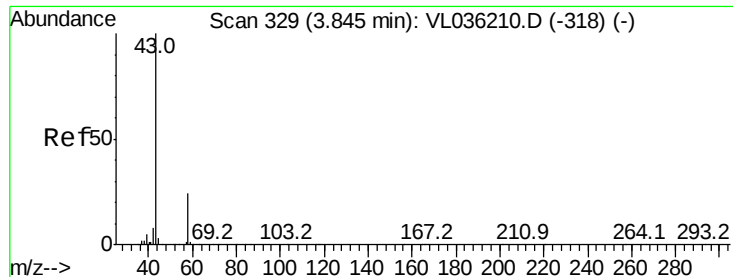
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#14
Bromoethene
Concen: 10.065 ppbv
RT: 3.74 min Scan# 295
Delta R.T. 0.00 min
Lab File: VL036272.D
Acq: 28 Jan 2021 13:30

Tgt Ion: 108 Resp: 554477
Ion Ratio Lower Upper
108 100
106 114.5 91.4 137.2
79 22.7 18.3 27.5





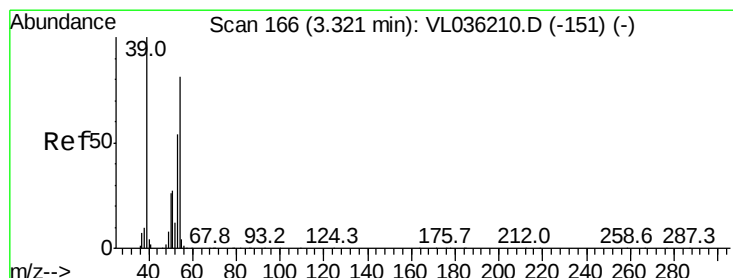
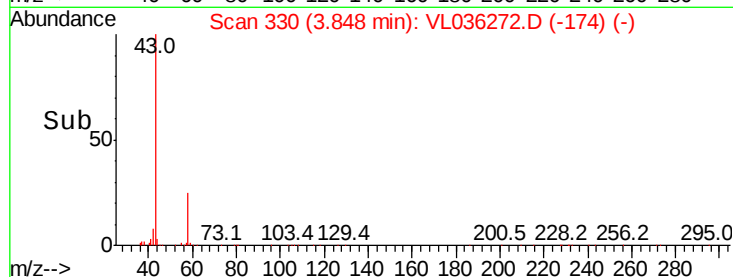
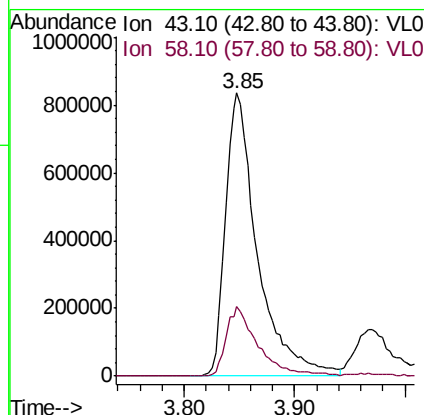
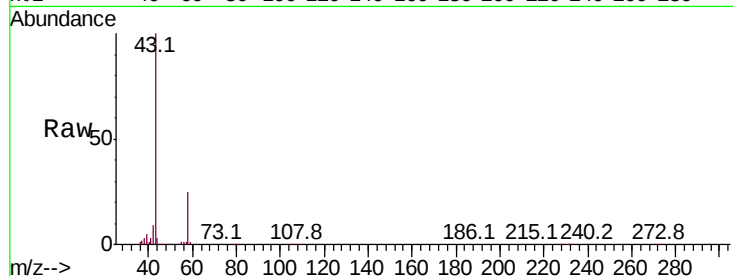
#15
Acetone
Concen: 9.347 ppbv
RT: 3.85 min Scan# 330
Delta R.T. 0.00 min
Lab File: VL036272.D
Acq: 28 Jan 2021 13:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion: 43 Resp: 1676374
Ion Ratio Lower Upper
43 100
58 24.1 20.9 31.3

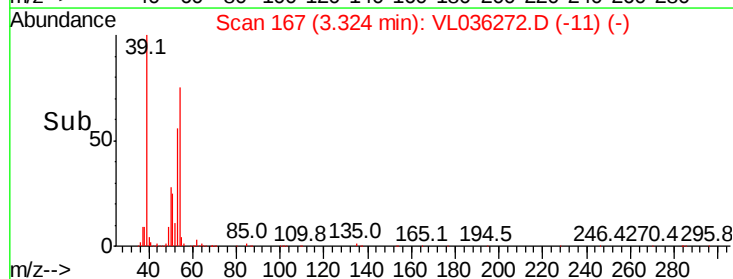
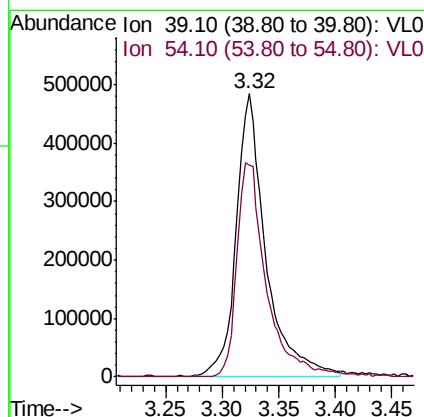
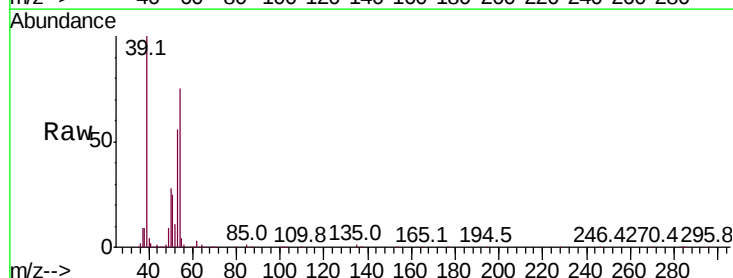
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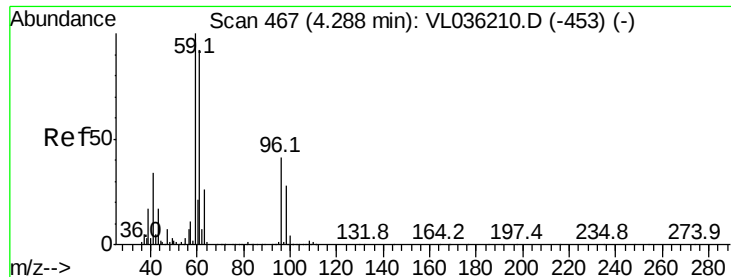
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#16
1,3-Butadiene
Concen: 10.048 ppbv
RT: 3.32 min Scan# 167
Delta R.T. 0.00 min
Lab File: VL036272.D
Acq: 28 Jan 2021 13:30

Tgt Ion: 39 Resp: 877924
Ion Ratio Lower Upper
39 100
54 76.6 62.5 93.7





#17

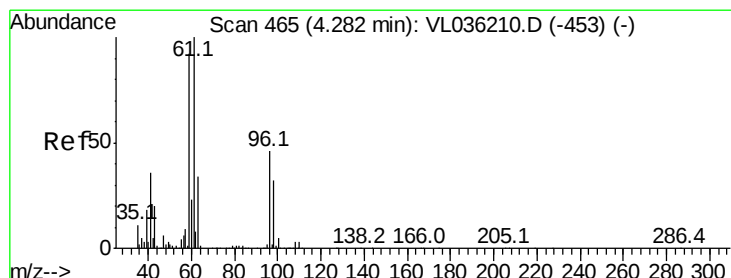
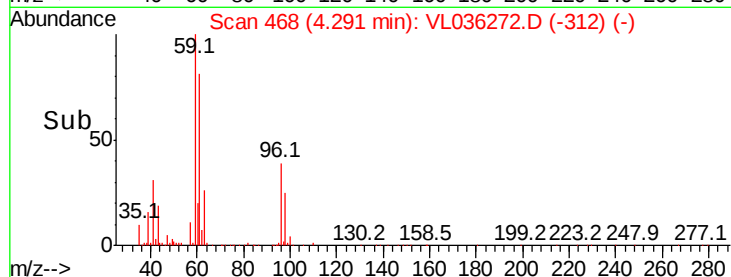
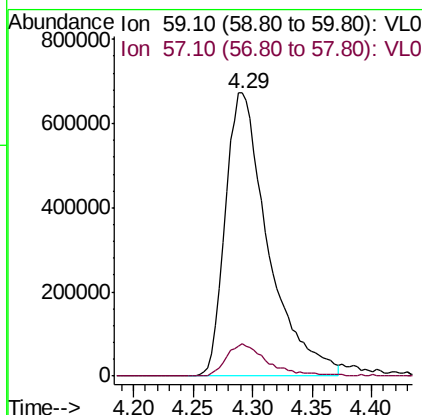
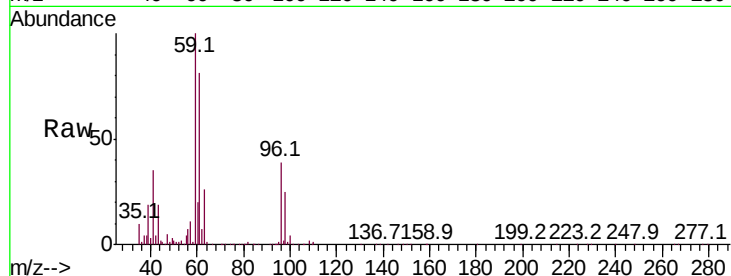
tert-Butyl alcohol
Concen: 11.361 ppbv
RT: 4.29 min Scan# 468
Delta R.T. 0.00 min
Lab File: VL036272.D
Acq: 28 Jan 2021 13:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion	59	Resp	1681366
Ion Ratio	100	Lower	Upper
57	11.3	9.2	13.8

Manual Integrations
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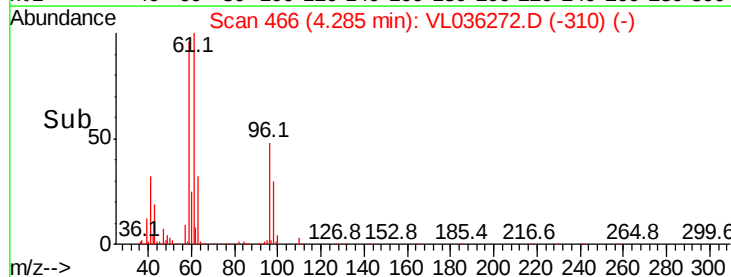
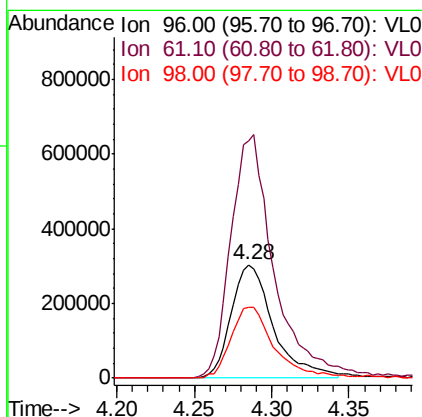
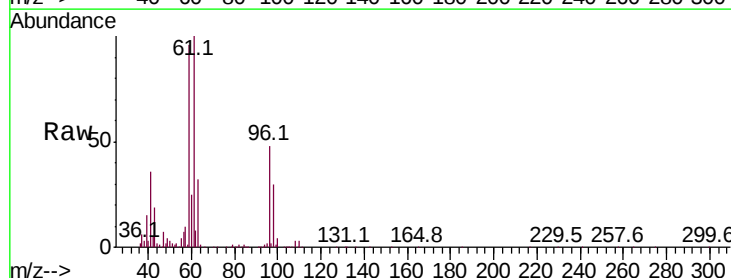
MMDadoda
2/1/2021 1:51:58 PM

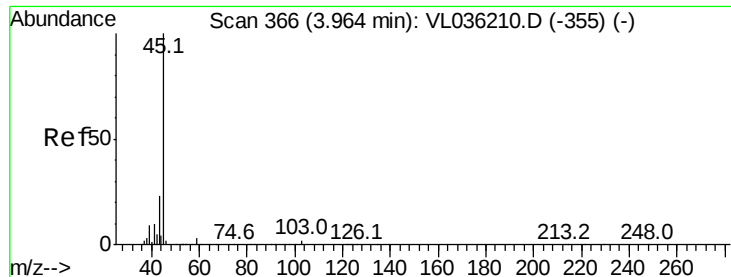


#18

1,1-Dichloroethene
Concen: 10.276 ppbv
RT: 4.28 min Scan# 466
Delta R.T. 0.00 min
Lab File: VL036272.D
Acq: 28 Jan 2021 13:30

Tgt Ion	96	Resp	576383
Ion Ratio	100	Lower	Upper
61	208.1	173.4	260.0
98	62.8	54.9	82.3





#19

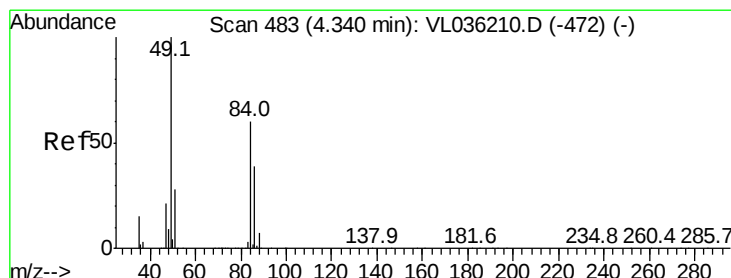
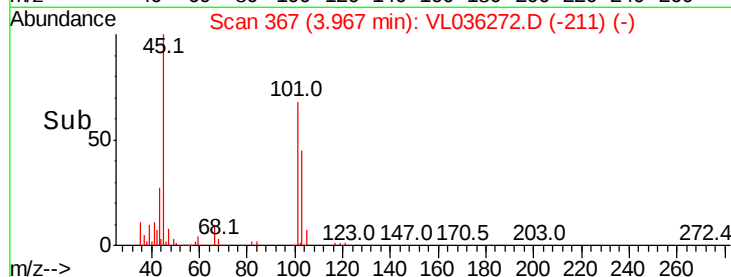
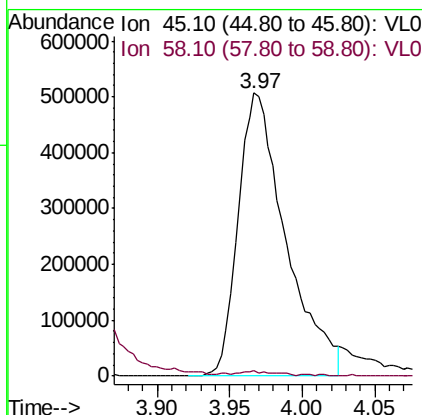
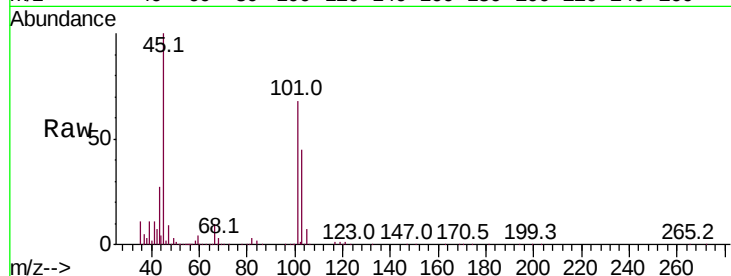
Isopropyl Alcohol
 Concen: 10.691 ppbv
 RT: 3.97 min Scan# 367
 Delta R.T. 0.00 min
 Lab File: VL036272.D
 Acq: 28 Jan 2021 13:30

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion: 45 Resp: 1155941
 Ion Ratio Lower Upper
 45 100
 58 2.6 1.9 2.9

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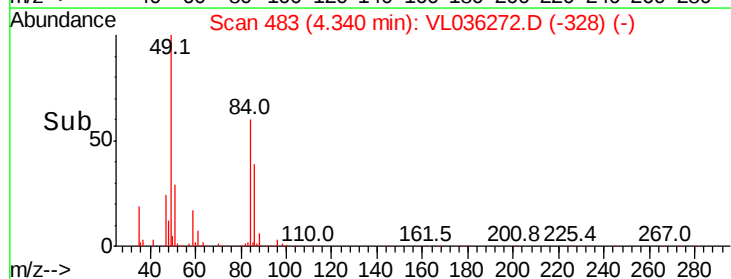
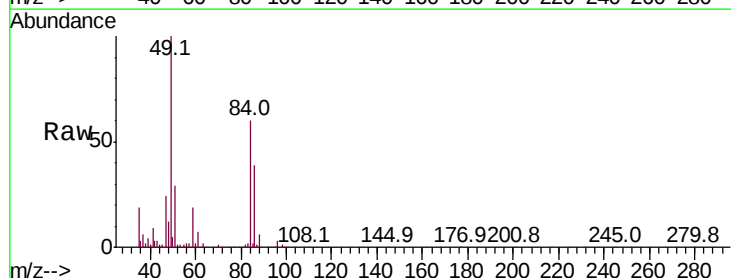
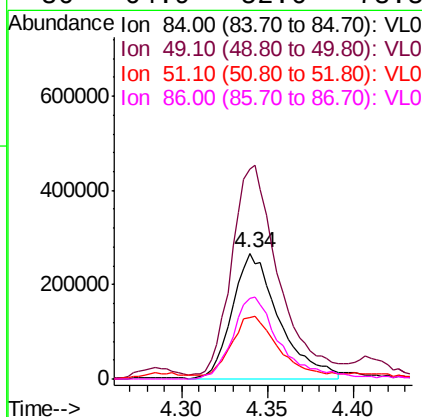
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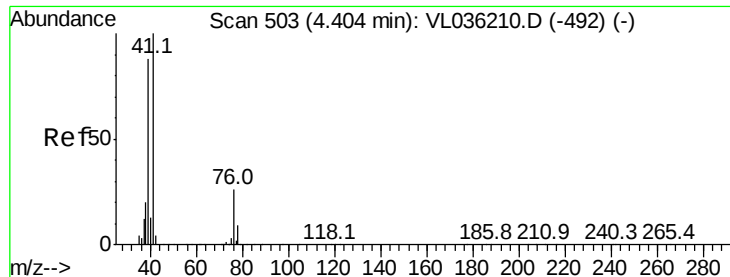


#20

Methylene Chloride
 Concen: 8.713 ppbv
 RT: 4.34 min Scan# 483
 Delta R.T. -0.00 min
 Lab File: VL036272.D
 Acq: 28 Jan 2021 13:30

Tgt Ion: 84 Resp: 498718
 Ion Ratio Lower Upper
 84 100
 49 164.9 134.1 201.1
 51 45.2 37.4 56.0
 86 64.9 52.6 78.8





#21

Allvl Chloride

Concen: 10.507 ppbv

RT: 4.41 min Scan# 504

Delta R.T. 0.00 min

Lab File: VL036272.D

Acq: 28 Jan 2021 13:30

Instrument :

MSVOA_L

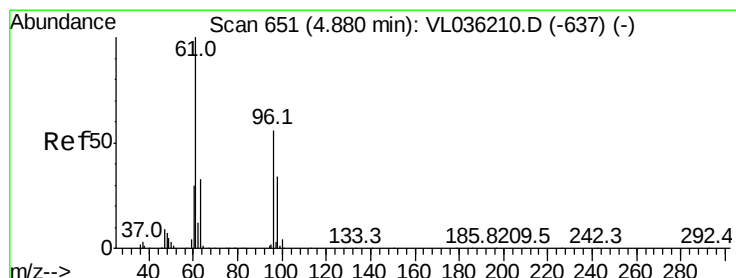
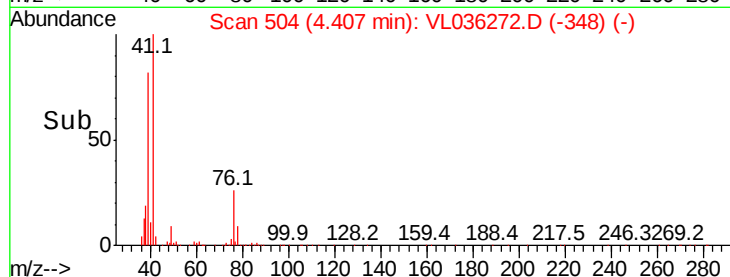
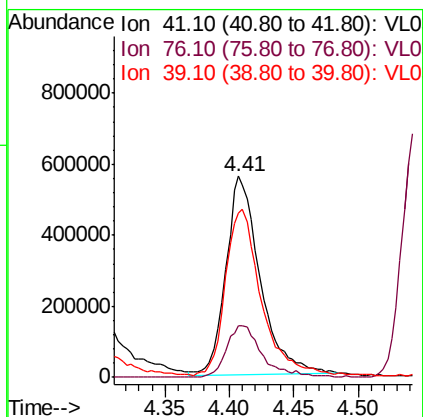
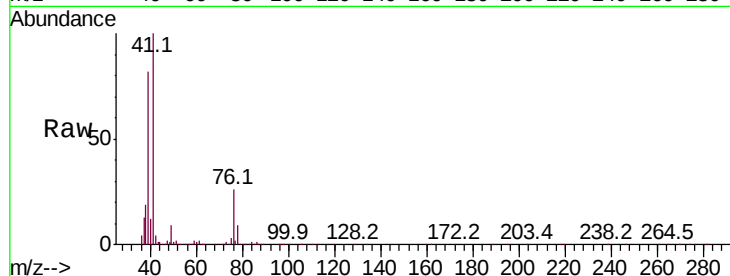
ClientSampleId :

VSTDCCC010

Tot Ion:	41	Resp:	1025717
Ion	Ratio	Lower	Upper
41	100		
76	27.5	20.5	30.7
39	89.2	67.8	101.8

Manual Integrations
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#22

trans-1,2-Dichloroethene

Concen: 10.894 ppbv

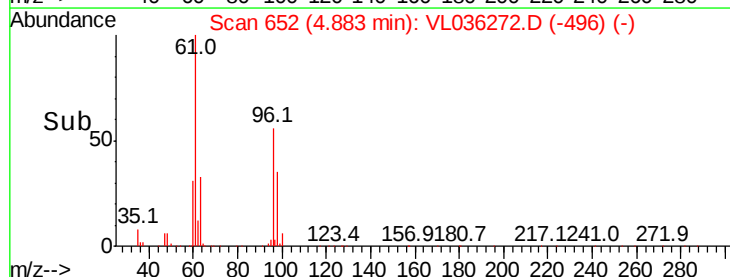
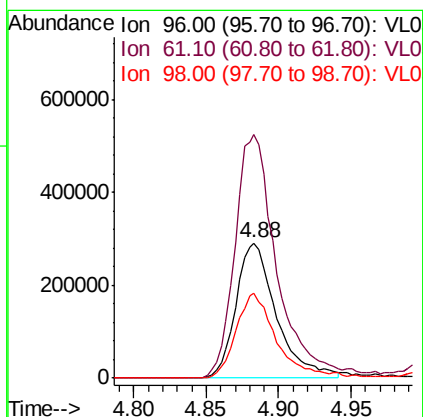
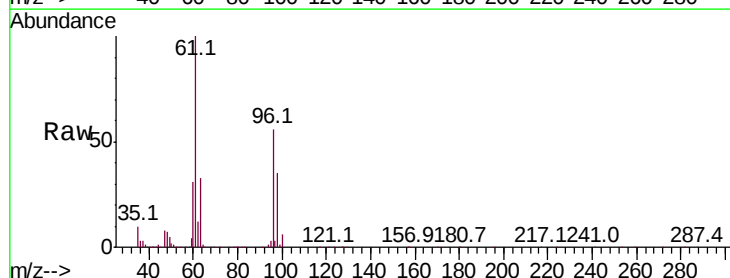
RT: 4.88 min Scan# 652

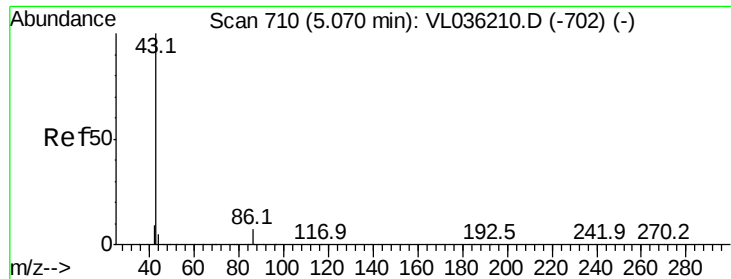
Delta R.T. 0.00 min

Lab File: VL036272.D

Acq: 28 Jan 2021 13:30

Tgt Ion:	96	Resp:	564578
Ion	Ratio	Lower	Upper
96	100		
61	179.8	142.7	214.1
98	62.4	48.7	73.1





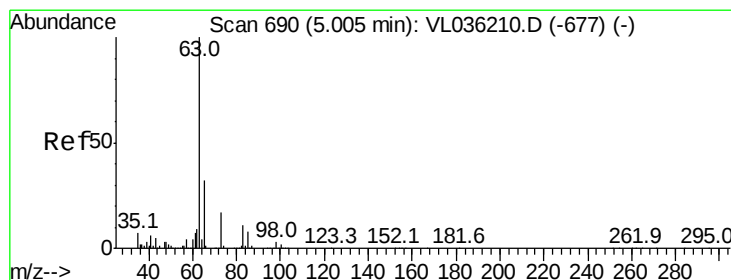
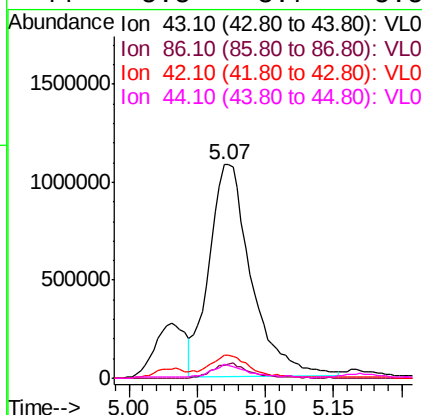
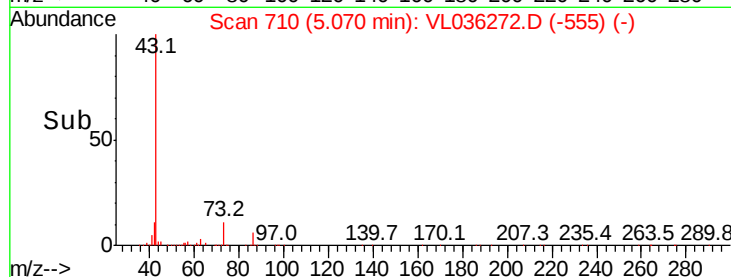
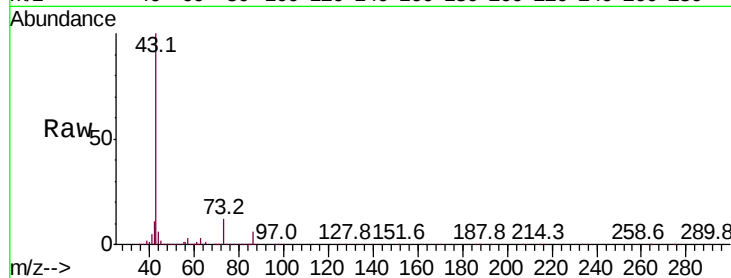
#23
 Vinyl Acetate
 Concen: 10.711 ppbv
 RT: 5.07 min Scan# 710
 Delta R.T. -0.00 min
 Lab File: VL036272.D
 Acq: 28 Jan 2021 13:30

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion	43	Resp	2327698
Ion	Ratio	Lower	Upper
43	100		
86	6.2	4.9	7.3
42	10.8	7.8	11.6
44	5.8	3.7	5.5#

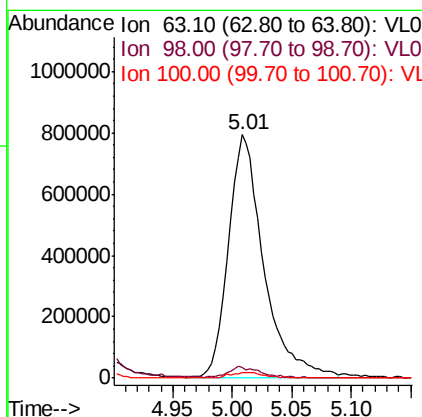
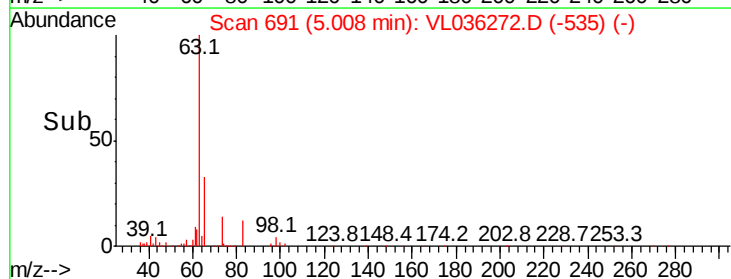
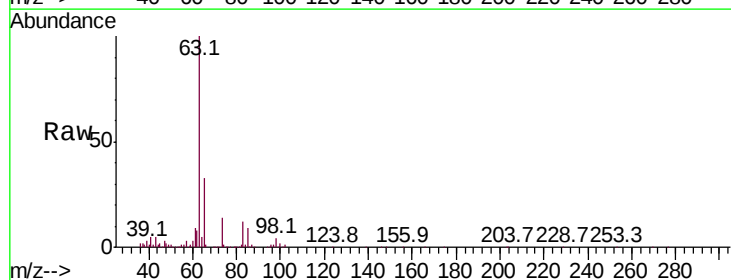
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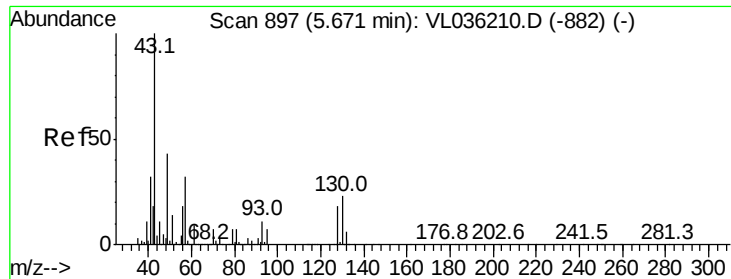
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#24
 1,1-Dichloroethane
 Concen: 10.251 ppbv
 RT: 5.01 min Scan# 691
 Delta R.T. 0.00 min
 Lab File: VL036272.D
 Acq: 28 Jan 2021 13:30

Tgt Ion	63	Resp	1613722
Ion	Ratio	Lower	Upper
63	100		
98	4.2	1.7	5.1
100	2.4	1.1	3.1





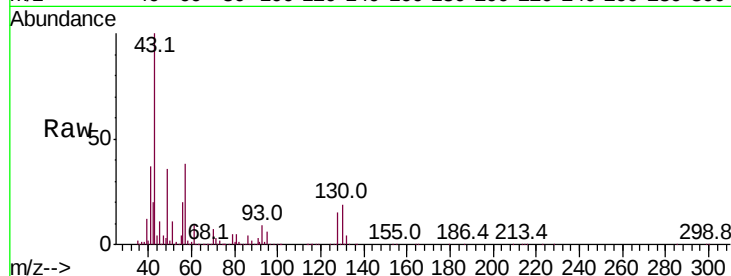
#25
Ethyl Acetate
Concen: 9.778 ppbv
RT: 5.68 min Scan# 899
Delta R.T. 0.01 min
Lab File: VL036272.D
Acq: 28 Jan 2021 13:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

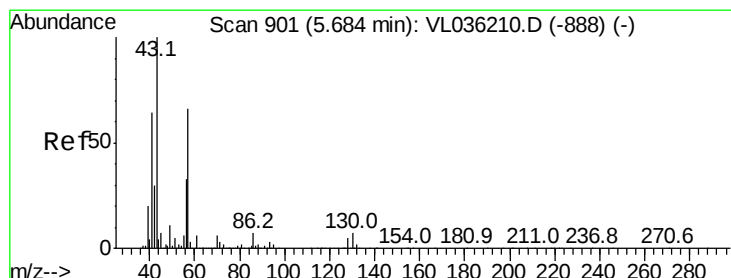
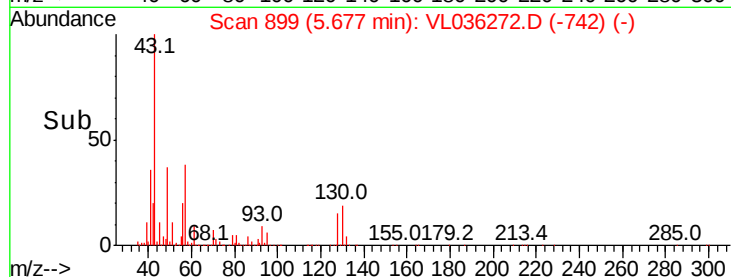
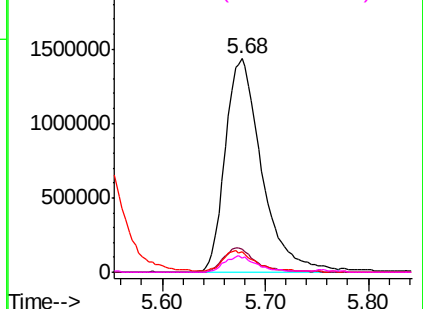
Tot Ion	Ratio	Lower	Upper
43	100		
45	10.4	8.3	12.5
61	9.5	7.4	11.2
70	6.7	5.5	8.3

Manual Integrations
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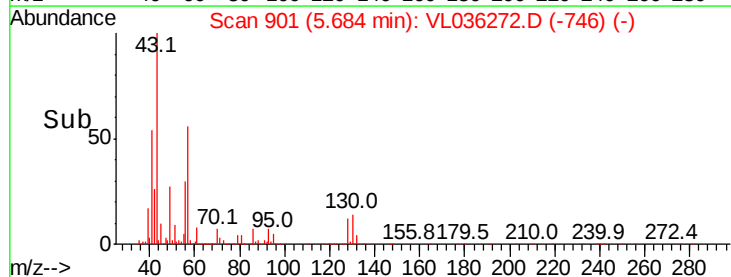
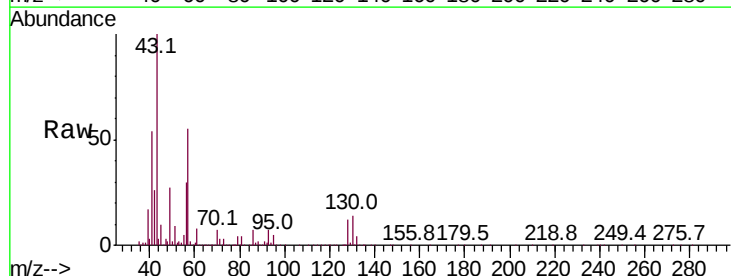
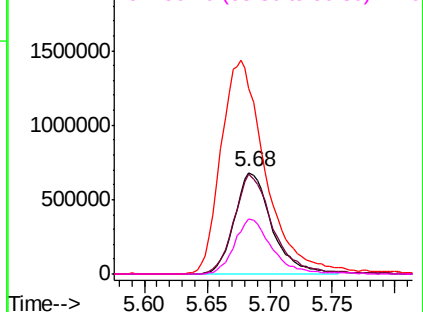
Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 45.10 (44.80 to 45.80): VL0
Ion 61.10 (60.80 to 61.80): VL0
Ion 70.10 (69.80 to 70.80): VL0

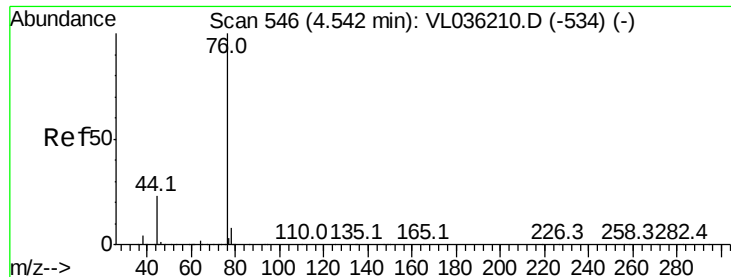


#26
Hexane
Concen: 9.402 ppbv
RT: 5.68 min Scan# 901
Delta R.T. -0.00 min
Lab File: VL036272.D
Acq: 28 Jan 2021 13:30

Tgt Ion	Ratio	Lower	Upper
57	100		
41	103.4	83.0	124.6
43	253.9	202.4	303.6
56	54.8	43.4	65.0

Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 43.10 (42.80 to 43.80): VL0
Ion 56.10 (55.80 to 56.80): VL0





#27

Carbon Disulfide

Concen: 12.380 ppbv

RT: 4.55 min Scan# 547

Delta R.T. 0.00 min

Lab File: VL036272.D

Acq: 28 Jan 2021 13:30

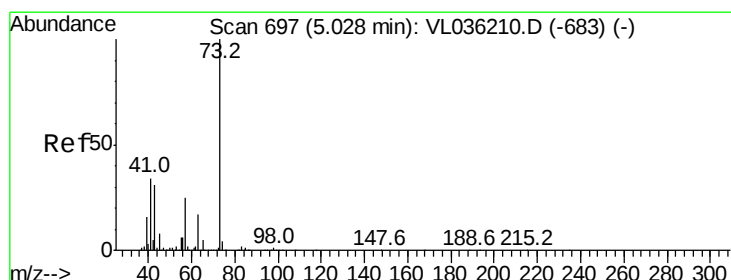
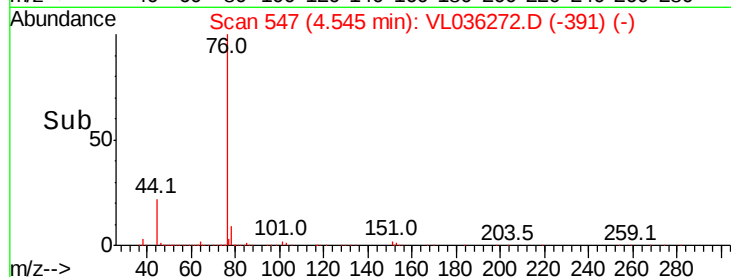
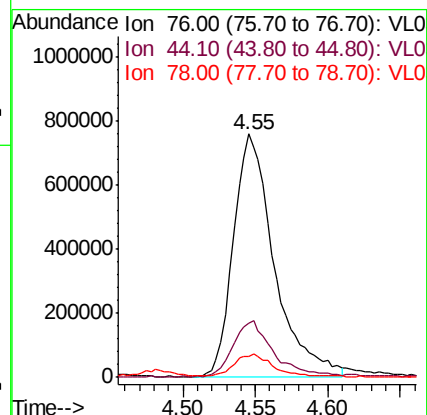
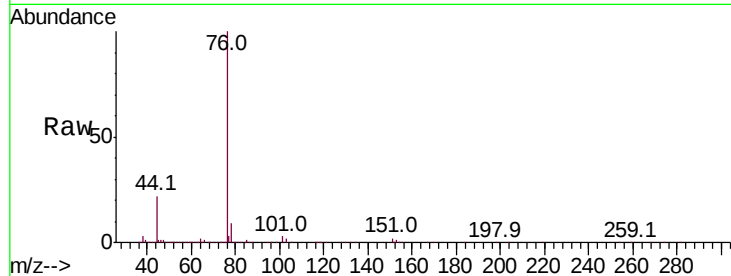
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion: 76 Resp: 1484027

Ion	Ratio	Lower	Upper
76	100		
44	24.2	19.0	28.6
78	9.6	8.0	12.0

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#28

Methyl tert-Butyl Ether

Concen: 10.052 ppbv

RT: 5.03 min Scan# 698

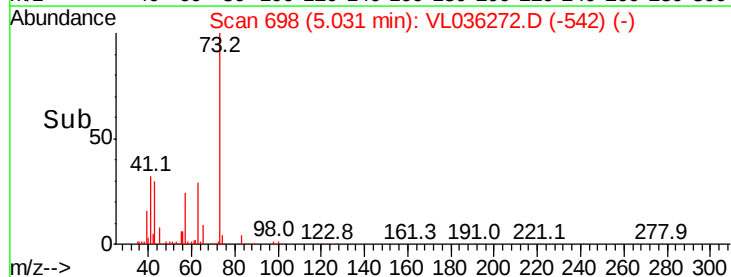
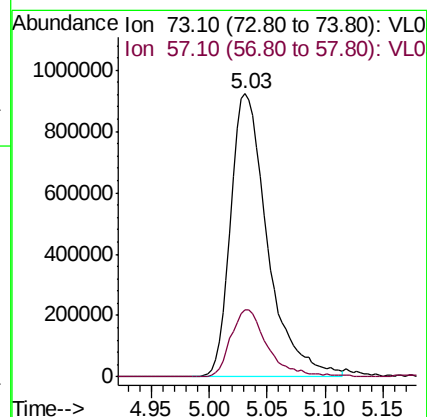
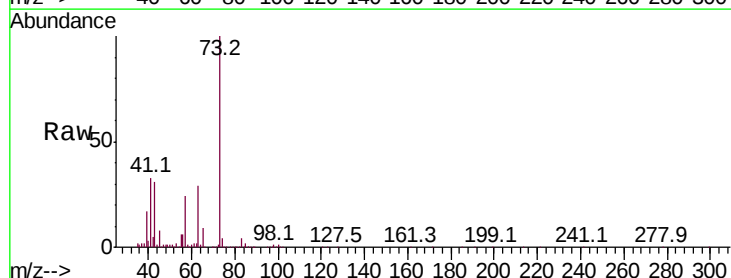
Delta R.T. 0.00 min

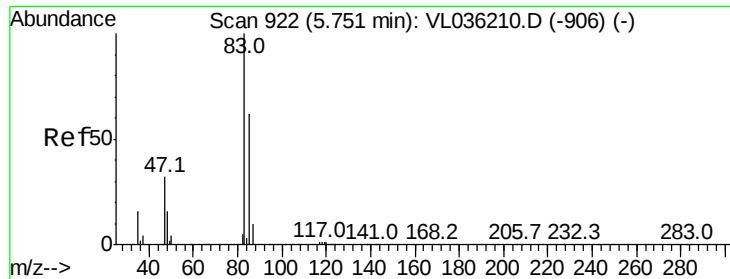
Lab File: VL036272.D

Acq: 28 Jan 2021 13:30

Tgt Ion: 73 Resp: 2037792

Ion	Ratio	Lower	Upper
73	100		
57	23.8	20.4	30.6





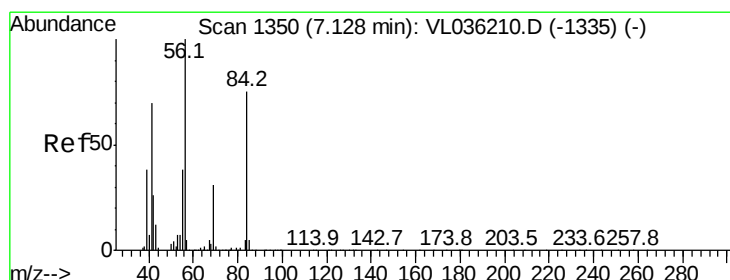
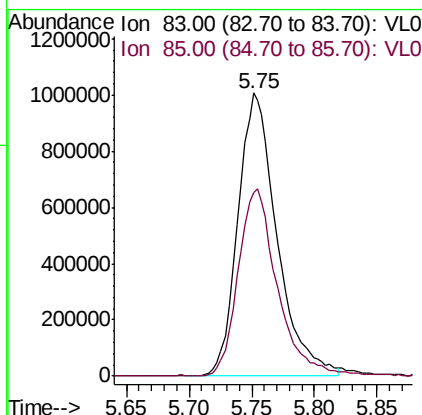
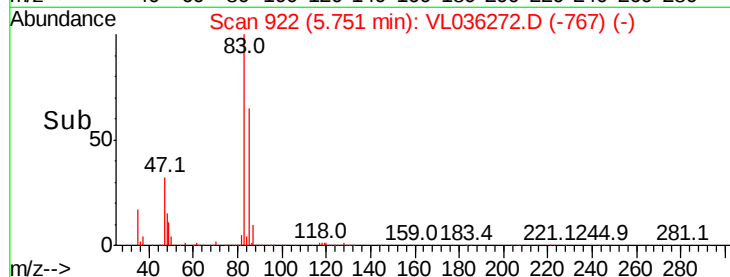
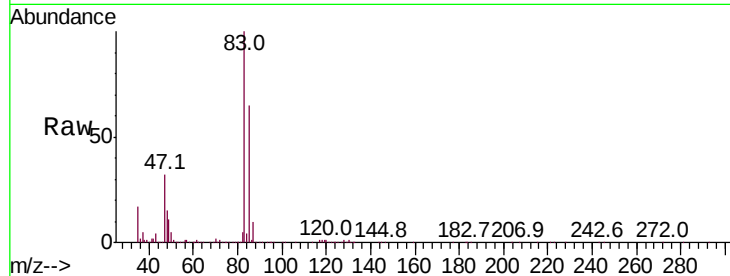
#29
Chloroform
Concen: 10.162 ppbv
RT: 5.75 min Scan# 922
Delta R.T. -0.00 min
Lab File: VL036272.D
Acq: 28 Jan 2021 13:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion: 83 Resp: 2181136
Ion Ratio Lower Upper
83 100
85 64.9 49.3 73.9

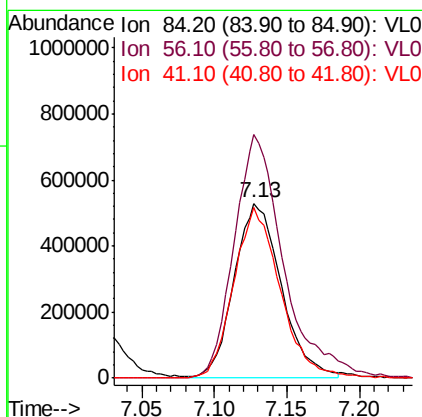
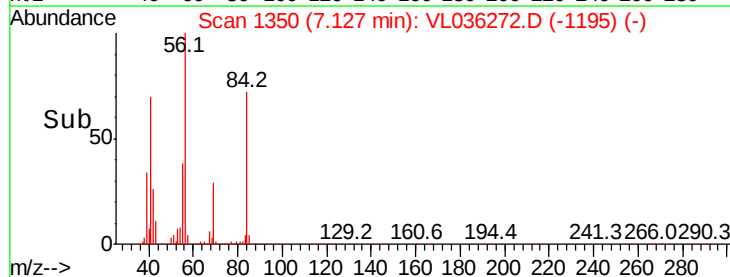
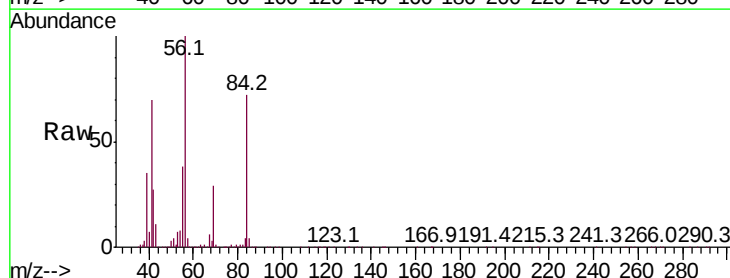
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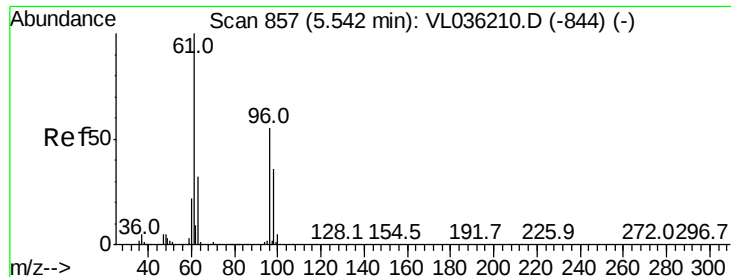
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#30
Cyclohexane
Concen: 10.392 ppbv
RT: 7.13 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VL036272.D
Acq: 28 Jan 2021 13:30

Tgt Ion: 84 Resp: 1190449
Ion Ratio Lower Upper
84 100
56 148.1 119.4 179.0
41 97.2 79.4 119.0





#31

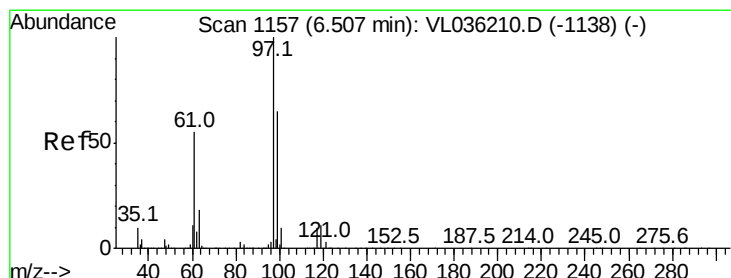
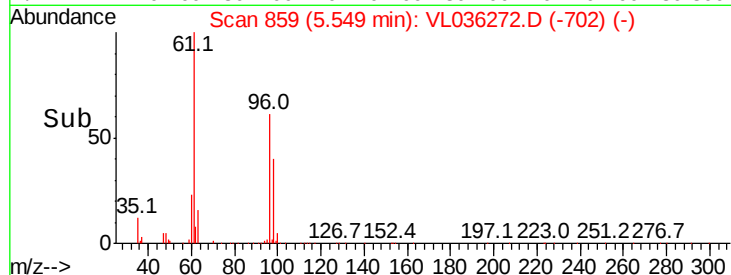
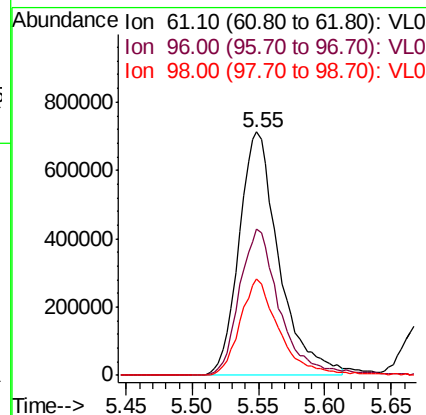
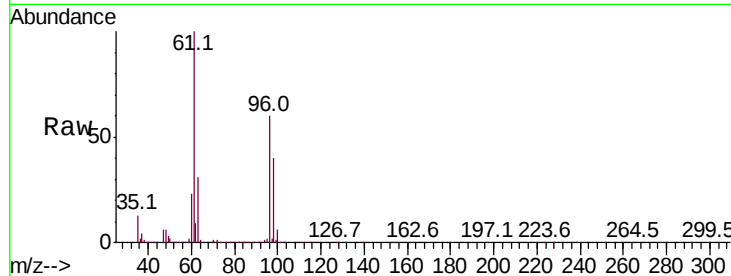
cis-1,2-Dichloroethene
Concen: 10.370 ppbv
RT: 5.55 min Scan# 859
Delta R.T. 0.01 min
Lab File: VL036272.D
Acq: 28 Jan 2021 13:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
61	100		
96	60.2	44.1	66.1
98	39.8	28.6	42.8

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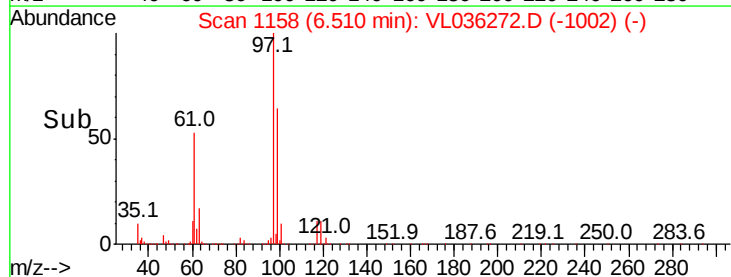
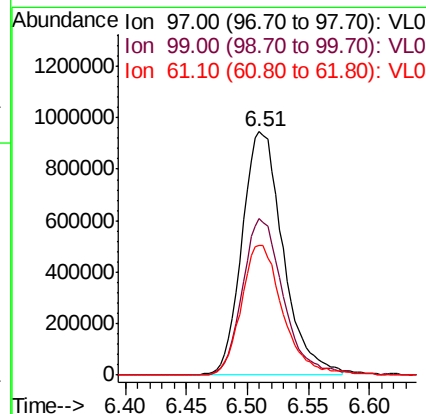
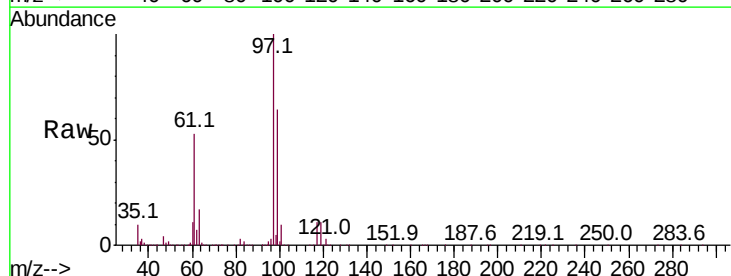
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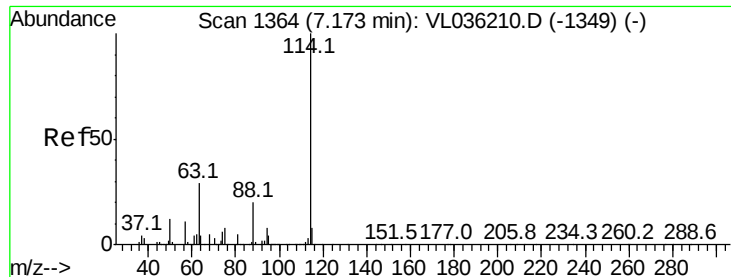


#32

1,1,1-Trichloroethane
Concen: 10.604 ppbv
RT: 6.51 min Scan# 1158
Delta R.T. 0.00 min
Lab File: VL036272.D
Acq: 28 Jan 2021 13:30

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	52.0	78.0
61	53.5	43.6	65.4





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.18 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VL036272.D

Acq: 28 Jan 2021 13:30

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion:114 Resp: 3281704

Ion Ratio Lower Upper

114 100

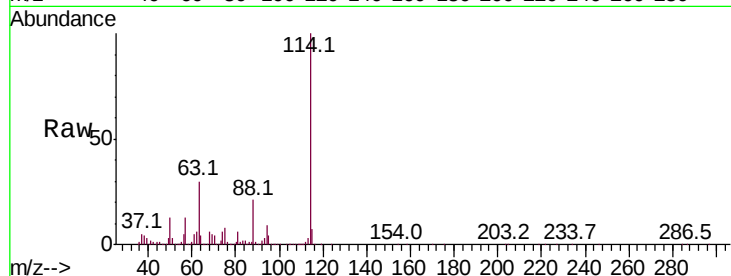
63 30.3 24.7 37.1

88 20.6 16.6 24.8

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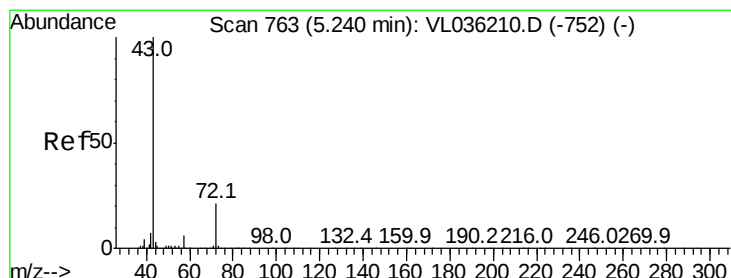
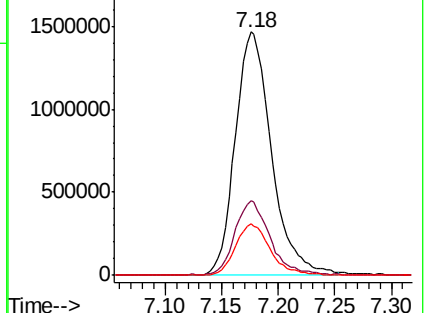
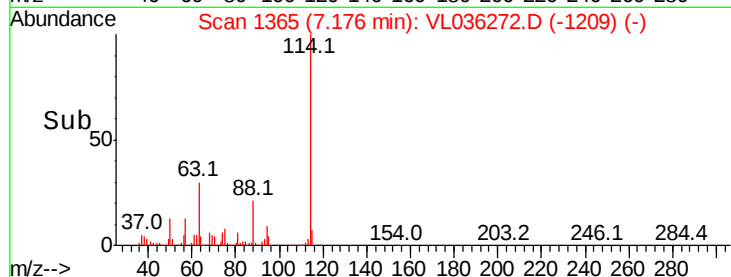
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Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0



#34

2-Butanone

Concen: 9.162 ppbv

RT: 5.24 min Scan# 764

Delta R.T. 0.00 min

Lab File: VL036272.D

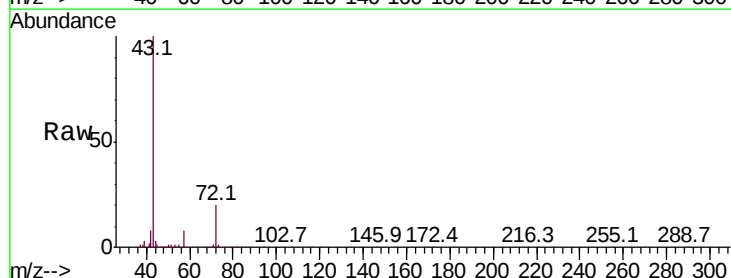
Acq: 28 Jan 2021 13:30

Tgt Ion: 43 Resp: 2214250

Ion Ratio Lower Upper

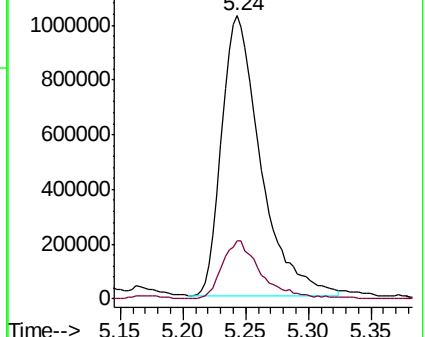
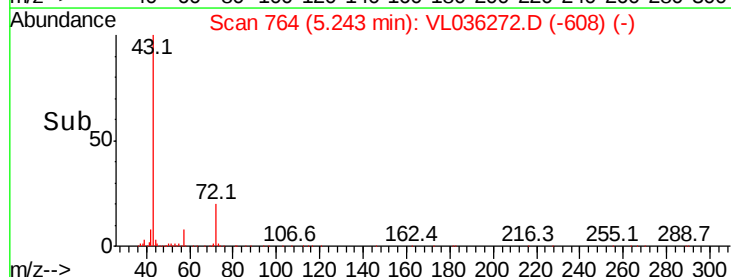
43 100

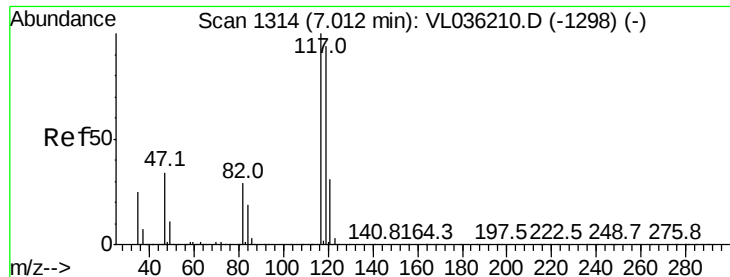
72 21.0 16.1 24.1



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 72.10 (71.80 to 72.80): VL0





#35

Carbon Tetrachloride

Concen: 10.738 ppbv

RT: 7.01 min Scan# 1315

Delta R.T. 0.00 min

Lab File: VL036272.D

Acq: 28 Jan 2021 13:30

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion:117 Resp: 2226446

Ion Ratio Lower Upper

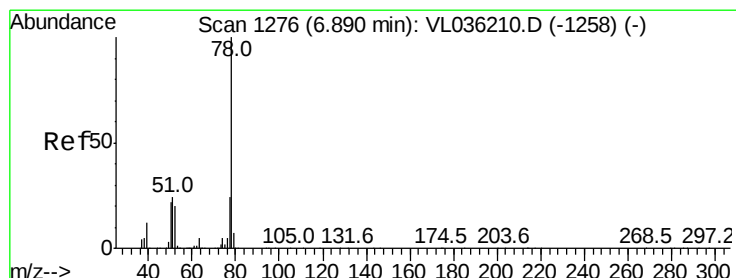
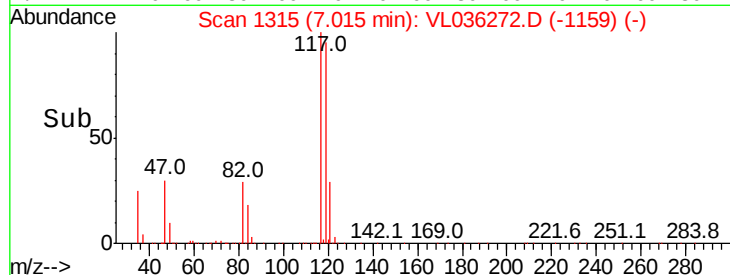
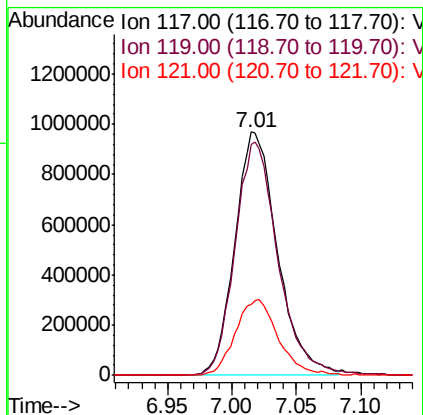
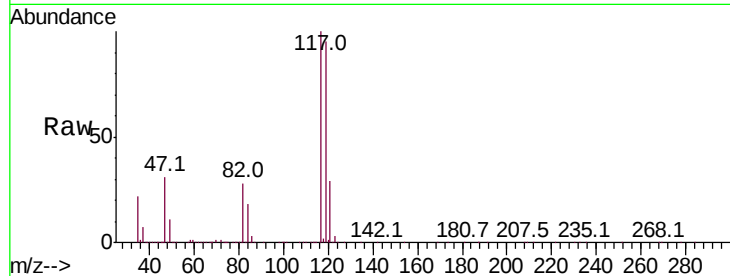
117 100

119 95.0 74.9 112.3

121 29.2 25.0 37.6

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#36

Benzene

Concen: 9.622 ppbv

RT: 6.89 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VL036272.D

Acq: 28 Jan 2021 13:30

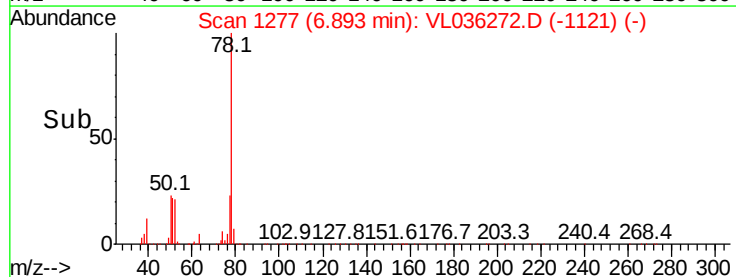
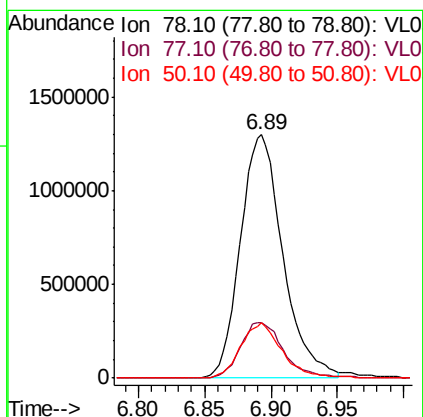
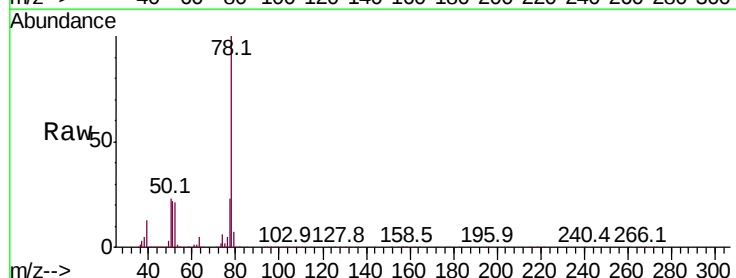
Tgt Ion: 78 Resp: 2893409

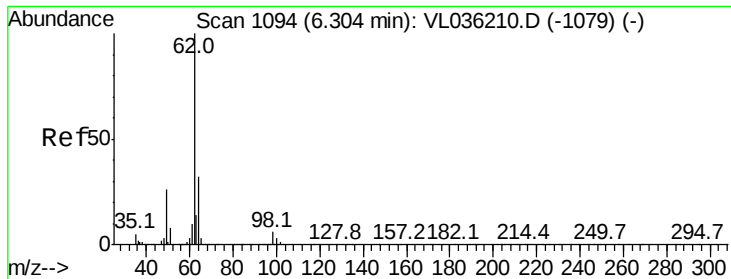
Ion Ratio Lower Upper

78 100

77 22.7 19.4 29.0

50 22.5 17.4 26.2





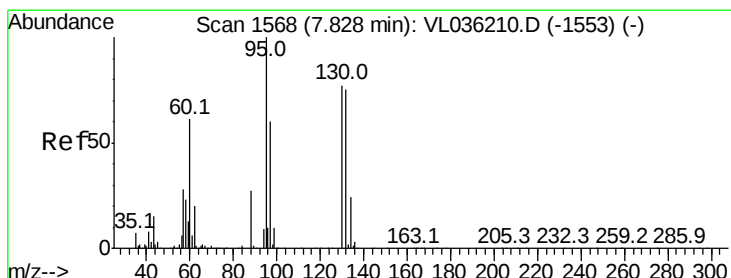
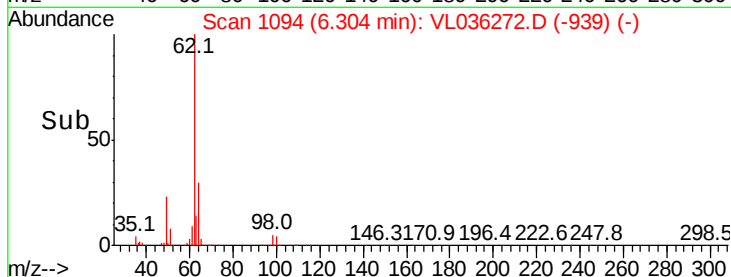
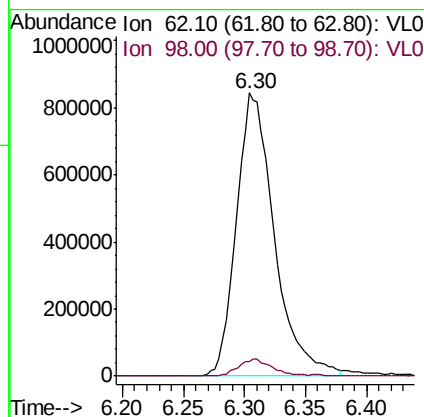
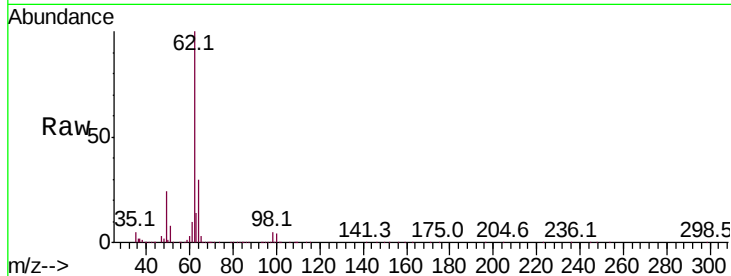
#37
 1,2-Dichloroethane
 Concen: 10.062 ppbv
 RT: 6.30 min Scan# 1094
 Delta R.T. -0.00 min
 Lab File: VL036272.D
 Acq: 28 Jan 2021 13:30

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion	Ratio	Lower	Upper
62	100		
98	5.8	4.4	6.6

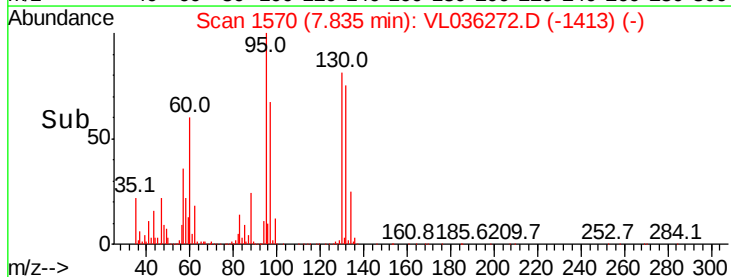
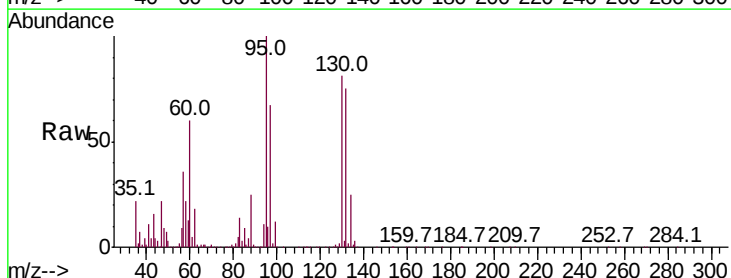
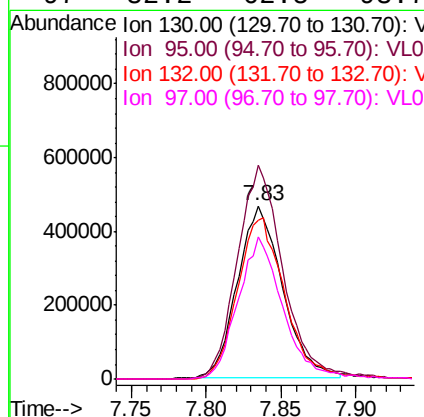
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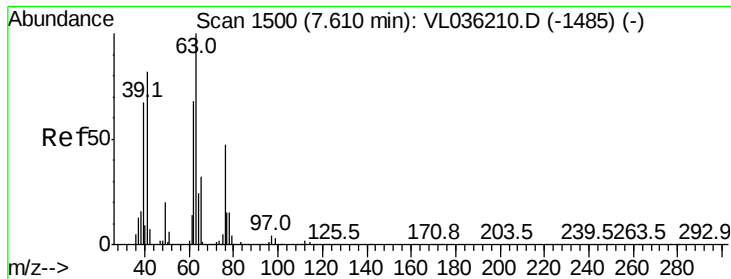
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#38
 Trichloroethene
 Concen: 8.819 ppbv
 RT: 7.83 min Scan# 1570
 Delta R.T. 0.01 min
 Lab File: VL036272.D
 Acq: 28 Jan 2021 13:30

Tgt Ion	Ratio	Lower	Upper
130	100		
95	123.4	103.9	155.9
132	91.9	77.4	116.2
97	82.2	62.5	93.7





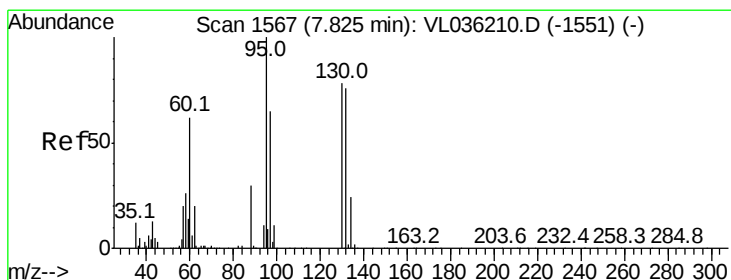
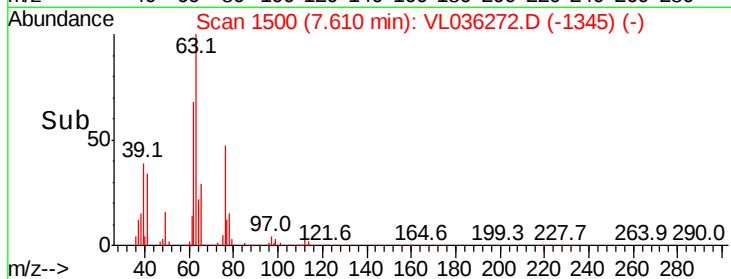
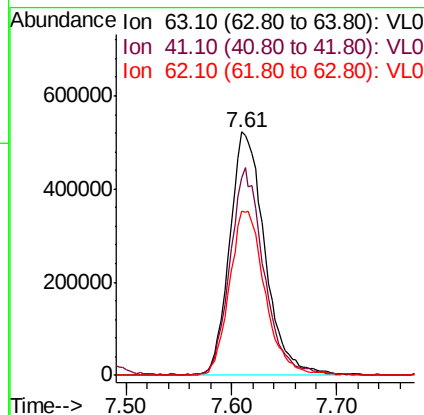
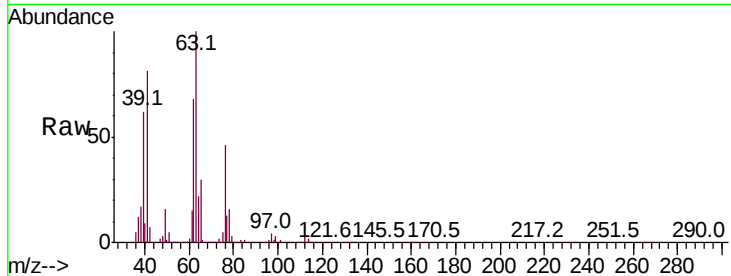
#39
 1,2-Dichloropropane
 Concen: 9.848 ppbv
 RT: 7.61 min Scan# 1500
 Delta R.T. -0.00 min
 Lab File: VL036272.D
 Acq: 28 Jan 2021 13:30

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion	Ratio	Lower	Upper
63	100		
41	81.0	66.1	99.1
62	67.7	54.8	82.2

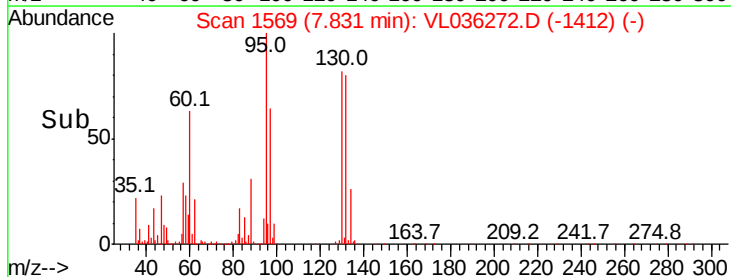
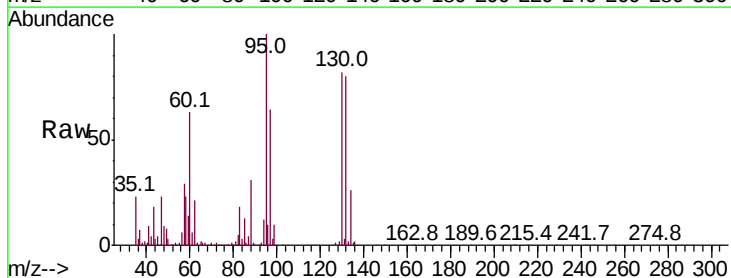
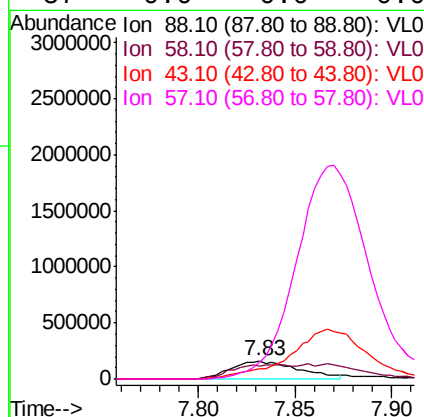
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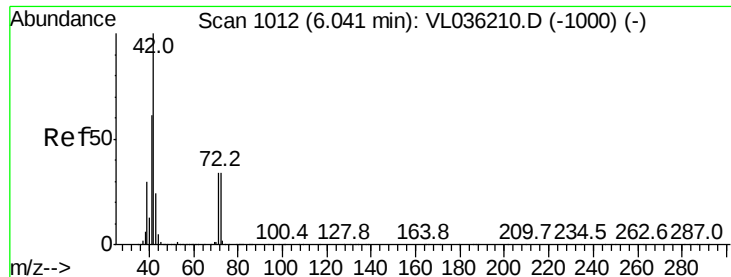
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#40
 1,4-Dioxane
 Concen: 8.392 ppbv
 RT: 7.83 min Scan# 1569
 Delta R.T. 0.01 min
 Lab File: VL036272.D
 Acq: 28 Jan 2021 13:30

Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	123.0	184.6#
43	0.0	0.0	0.0
57	0.0	0.0	0.0





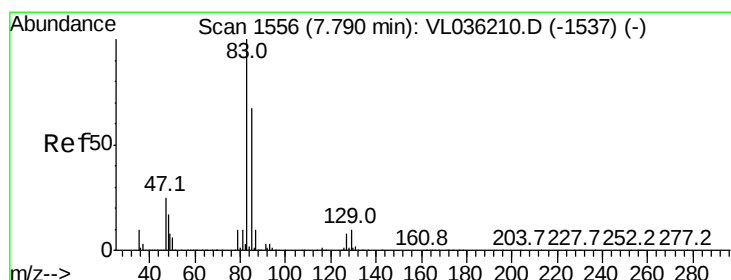
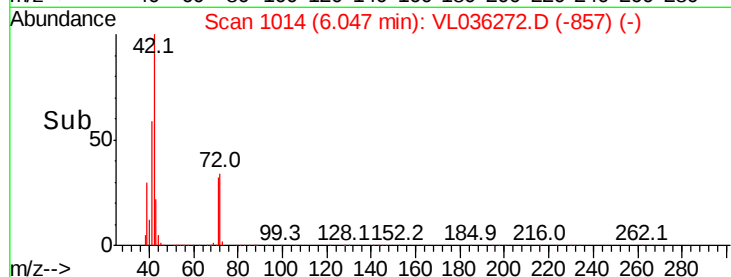
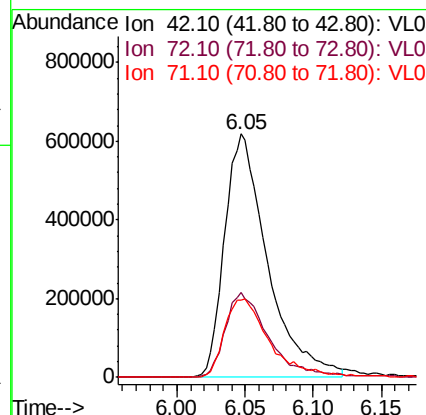
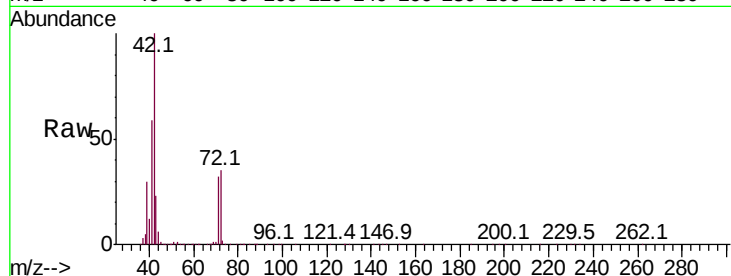
#41
Tetrahydrofuran
Concen: 9.646 ppbv
RT: 6.05 min Scan# 1014
Delta R.T. 0.01 min
Lab File: VL036272.D
Acq: 28 Jan 2021 13:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
42	100		
72	36.1	29.5	44.3
71	34.6	29.1	43.7

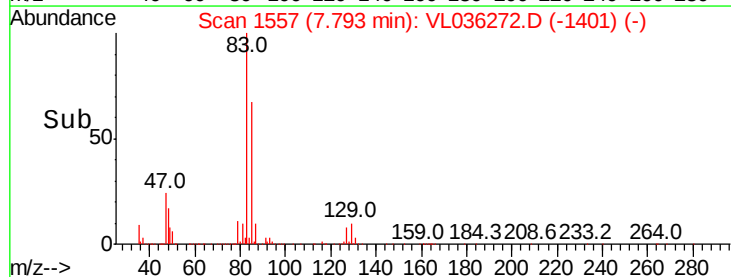
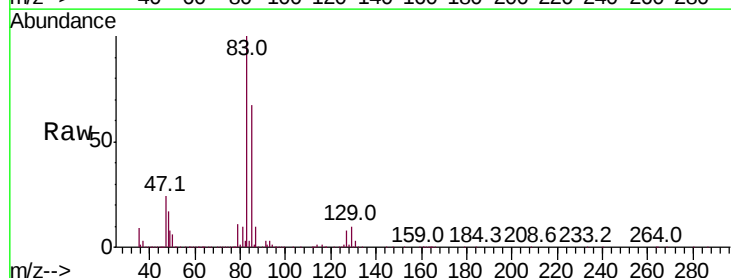
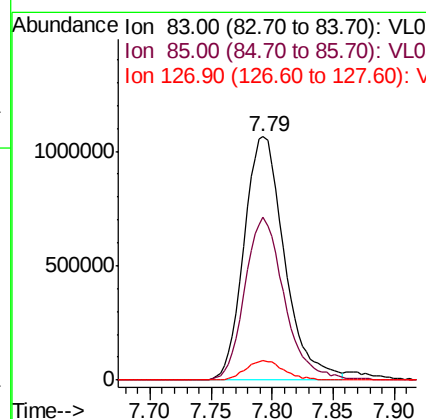
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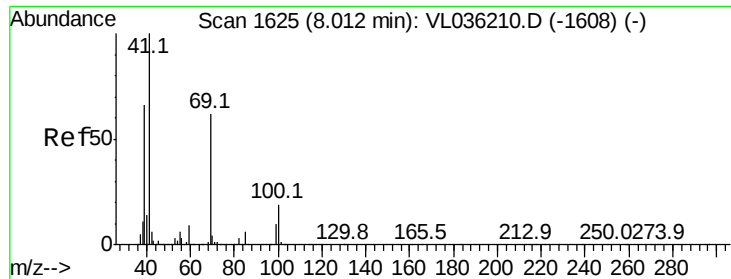
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#42
Bromodichloromethane
Concen: 10.725 ppbv
RT: 7.79 min Scan# 1557
Delta R.T. 0.00 min
Lab File: VL036272.D
Acq: 28 Jan 2021 13:30

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.7	53.4	80.2
127	7.8	6.2	9.2





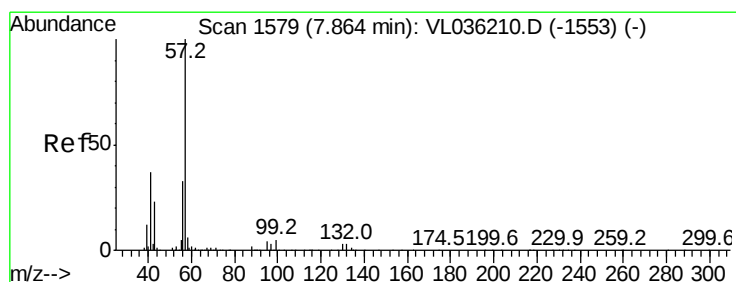
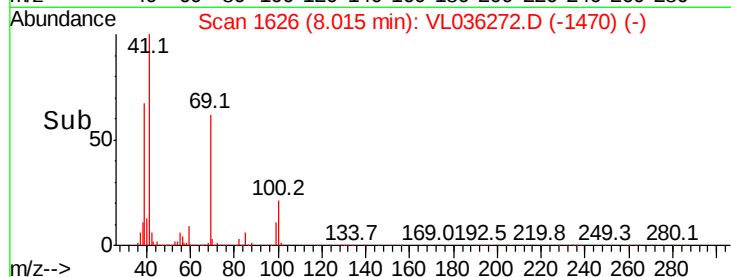
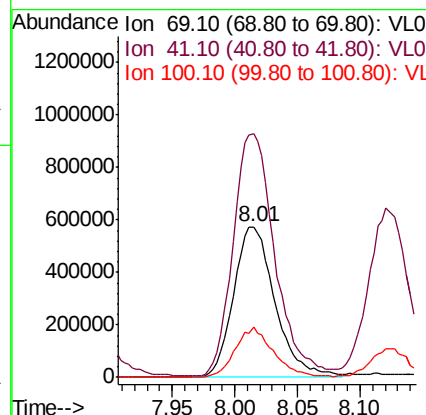
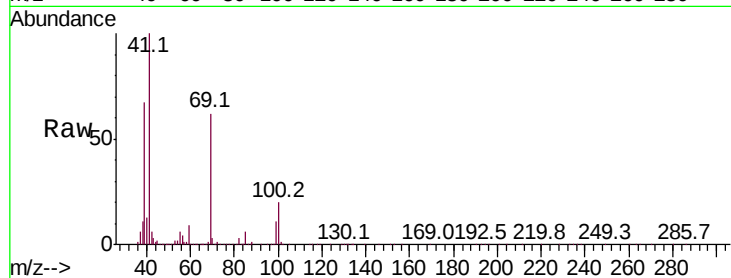
#43
Methvl Methacrylate
Concen: 10.316 ppbv
RT: 8.01 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VL036272.D
Acq: 28 Jan 2021 13:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion: 69 Resp: 1318293
Ion Ratio Lower Upper
69 100
41 163.1 133.4 200.2
100 30.6 24.3 36.5

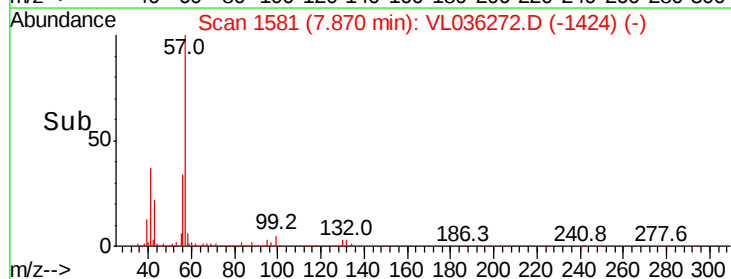
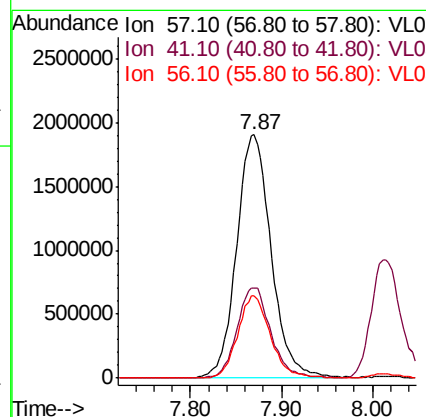
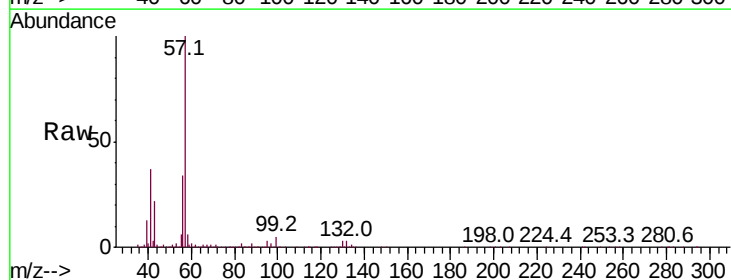
Manual Integrations
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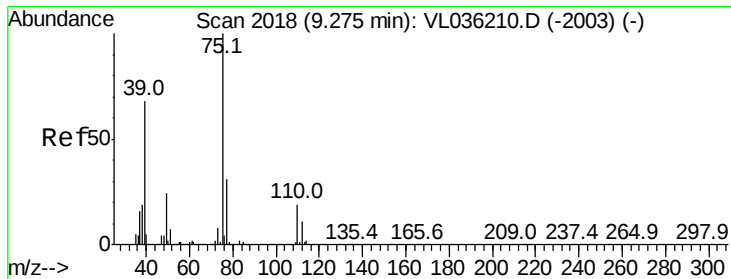
MMDadoda
2/1/2021 1:51:58 PM



#44
2,2,4-Trimethylpentane
Concen: 9.068 ppbv
RT: 7.87 min Scan# 1581
Delta R.T. 0.01 min
Lab File: VL036272.D
Acq: 28 Jan 2021 13:30

Tgt Ion: 57 Resp: 5008320
Ion Ratio Lower Upper
57 100
41 36.3 28.5 42.7
56 32.2 25.5 38.3





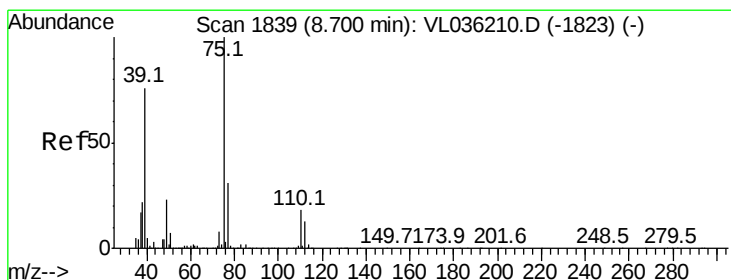
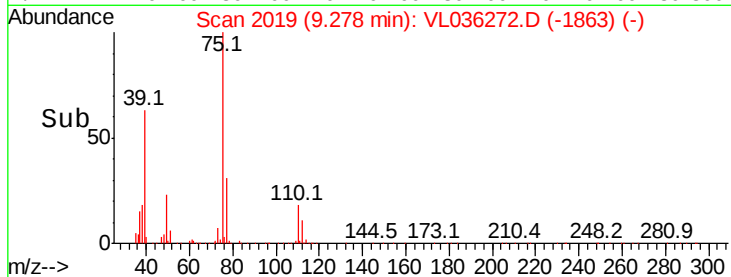
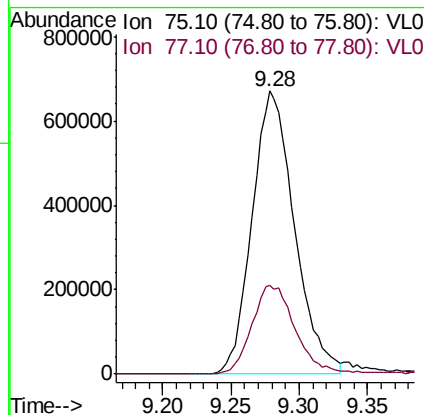
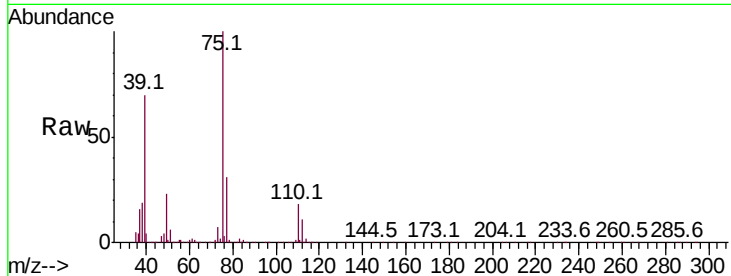
#45
t-1,3-Dichloropropene
Concen: 11.923 ppbv
RT: 9.28 min Scan# 2019
Delta R.T. 0.00 min
Lab File: VL036272.D
Acq: 28 Jan 2021 13:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion: 75 Resp: 1447143
Ion Ratio Lower Upper
75 100
77 31.3 24.7 37.1

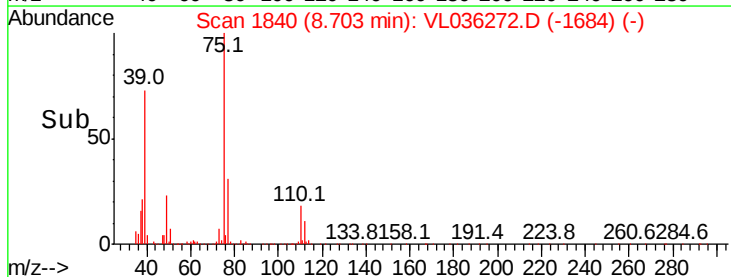
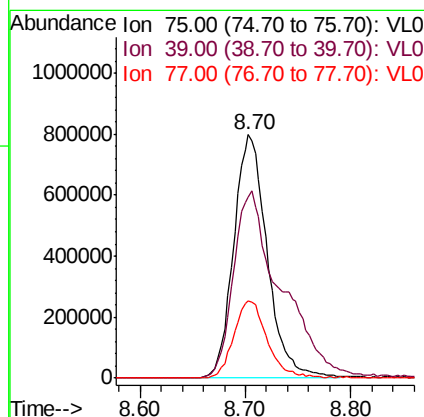
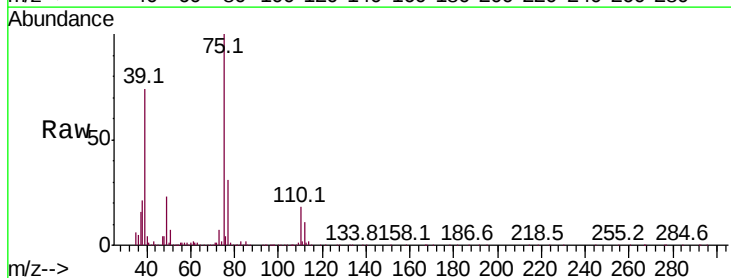
Manual Integrations
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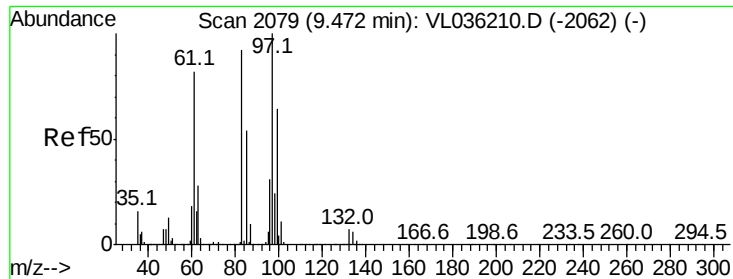
MMDadoda
2/1/2021 1:51:58 PM



#46
cis-1,3-Dichloropropene
Concen: 11.273 ppbv
RT: 8.70 min Scan# 1840
Delta R.T. 0.00 min
Lab File: VL036272.D
Acq: 28 Jan 2021 13:30

Tgt Ion: 75 Resp: 1758211
Ion Ratio Lower Upper
75 100
39 74.1 61.2 91.8
77 31.5 24.6 37.0





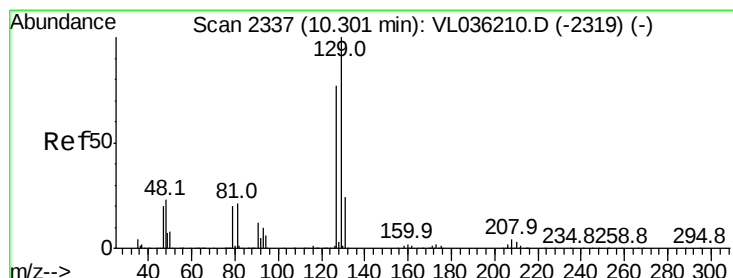
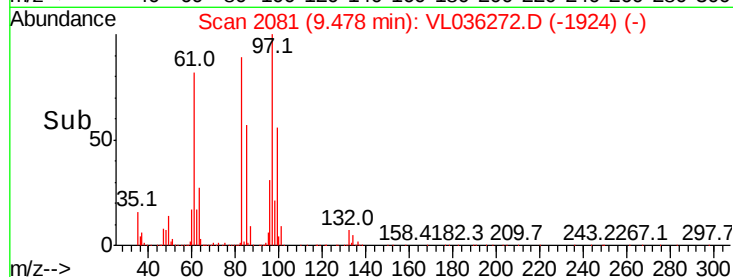
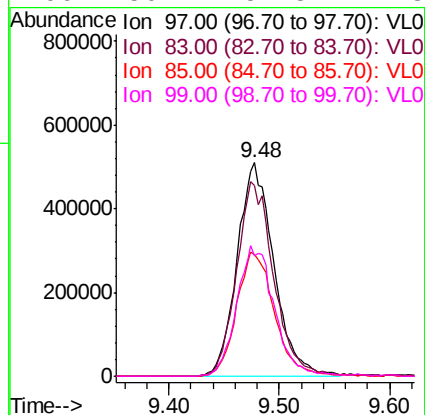
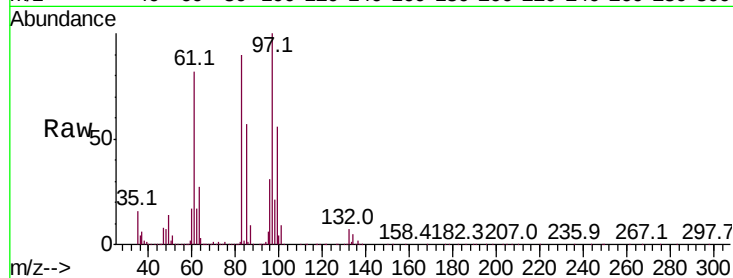
#47
 1,1,2-Trichloroethane
 Concen: 10.072 ppbv
 RT: 9.48 min Scan# 2081
 Delta R.T. 0.01 min
 Lab File: VL036272.D
 Acq: 28 Jan 2021 13:30

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion	Ion	Ratio	Lower	Upper
97	100			
83	89.5	73.3	109.9	
85	57.2	43.2	64.8	
99	56.1	51.5	77.3	

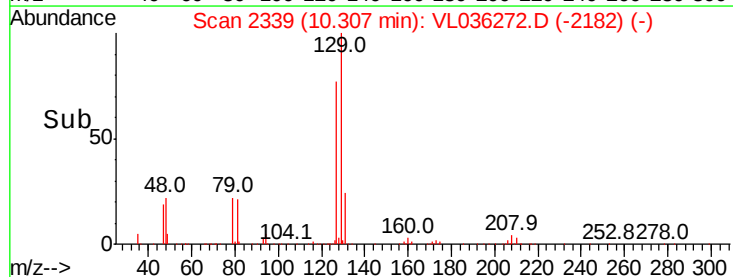
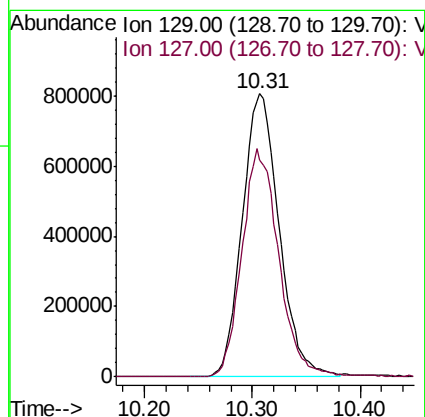
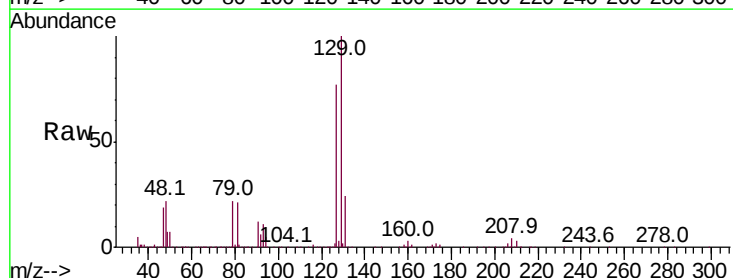
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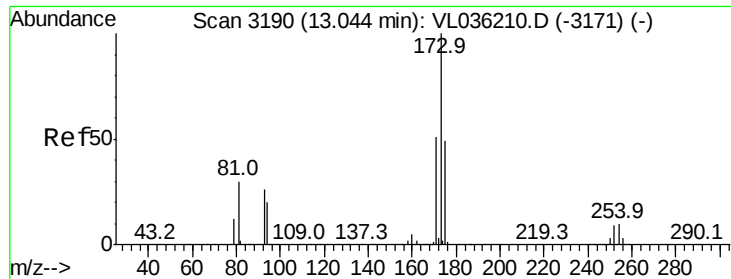
MMDadoda
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#48
 Dibromochloromethane
 Concen: 11.172 ppbv
 RT: 10.31 min Scan# 2339
 Delta R.T. 0.01 min
 Lab File: VL036272.D
 Acq: 28 Jan 2021 13:30

Tgt Ion	Ion	Ratio	Lower	Upper
129	100			
127	80.6	39.6	118.8	





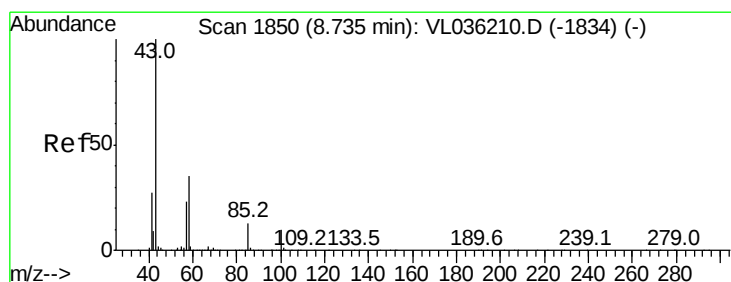
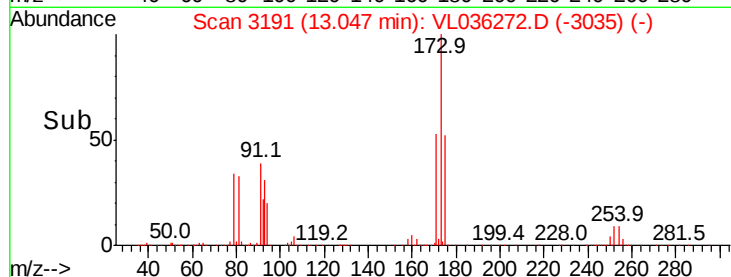
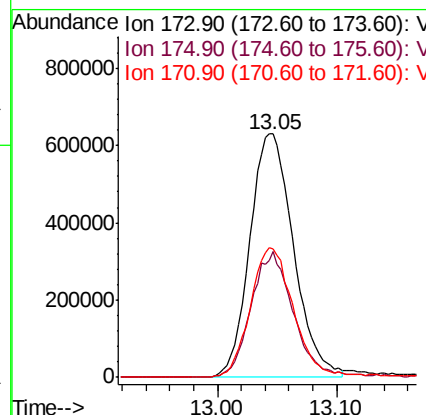
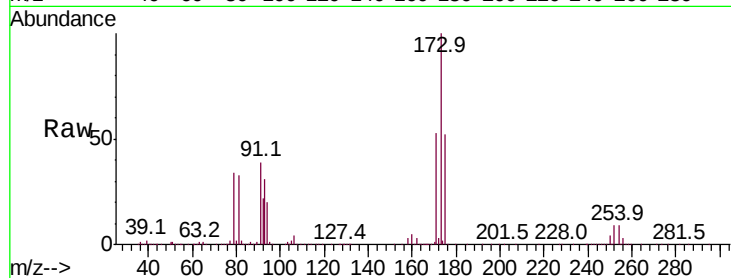
#49
Bromoform
Concen: 11.233 ppbv
RT: 13.05 min Scan# 3191
Delta R.T. 0.00 min
Lab File: VL036272.D
Acq: 28 Jan 2021 13:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.5	40.7	61.1
171	53.0	43.0	64.6

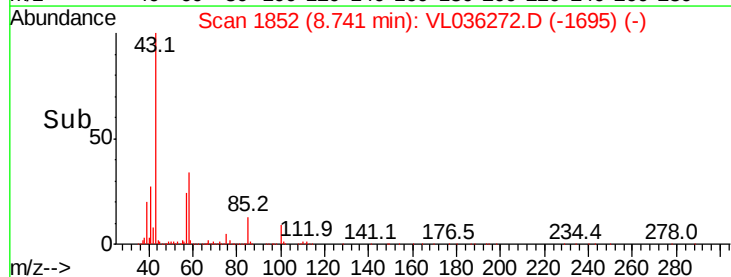
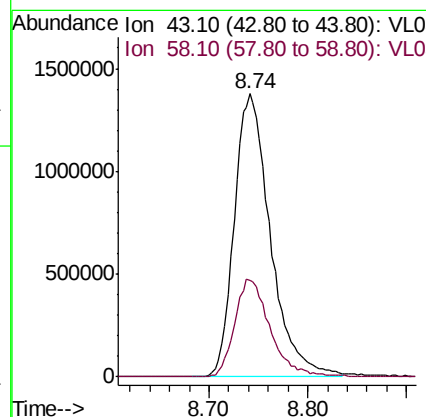
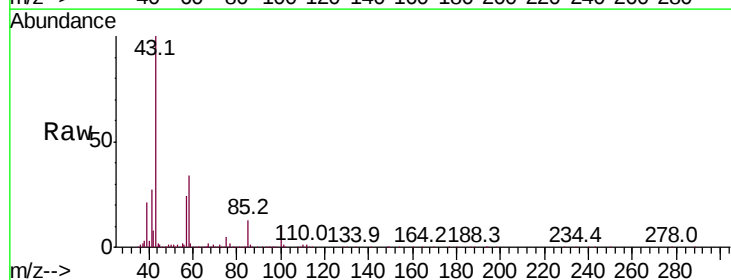
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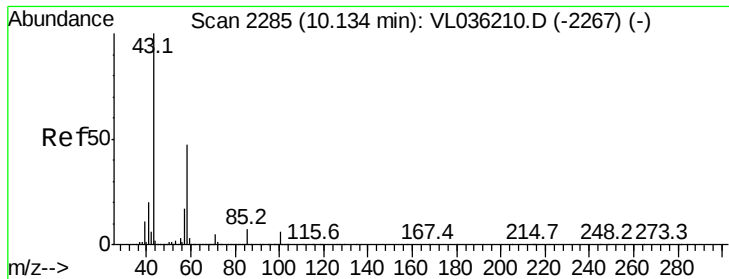
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#50
4-Methyl-2-Pentanone
Concen: 9.721 ppbv
RT: 8.74 min Scan# 1852
Delta R.T. 0.01 min
Lab File: VL036272.D
Acq: 28 Jan 2021 13:30

Tgt Ion	Ratio	Lower	Upper
43	100		
58	34.3	27.6	41.4





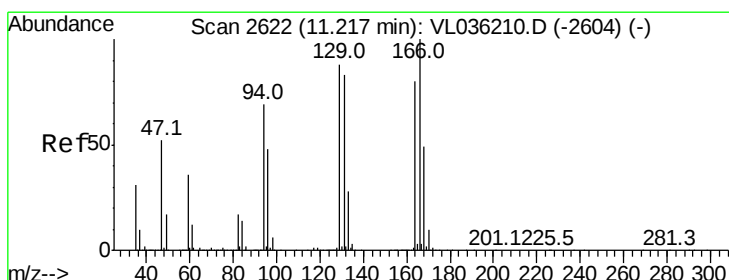
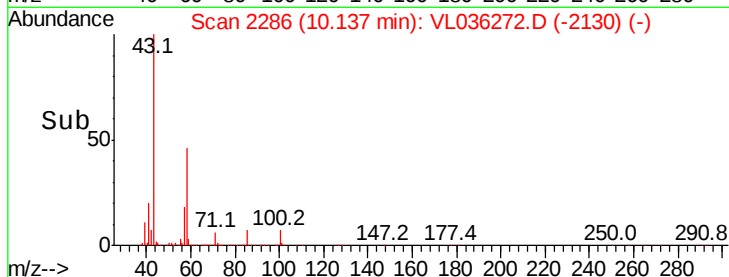
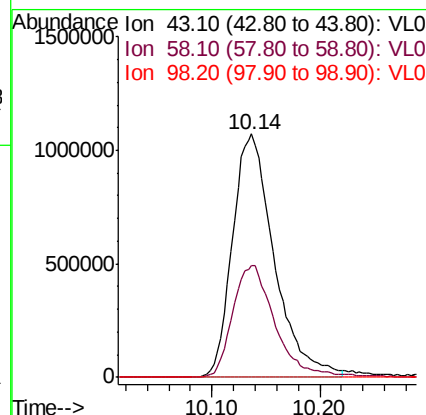
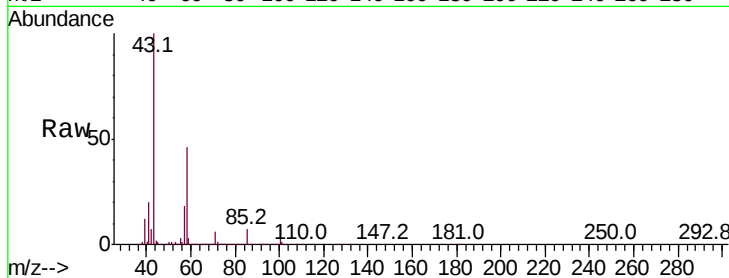
#51
2-Hexanone
Concen: 10.131 ppbv
RT: 10.14 min Scan# 2286
Delta R.T. 0.00 min
Lab File: VL036272.D
Acq: 28 Jan 2021 13:30

Instrument :
MSVOA_L
ClientSampled :
VSTDCCC010

Tot Ion: 43 Resp: 2879920
Ion Ratio Lower Upper
43 100
58 47.6 37.4 56.0
98 0.2 0.2 0.2

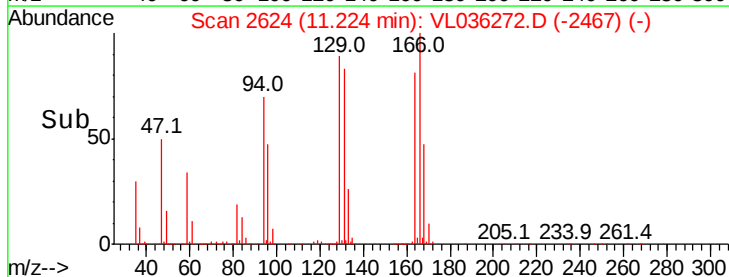
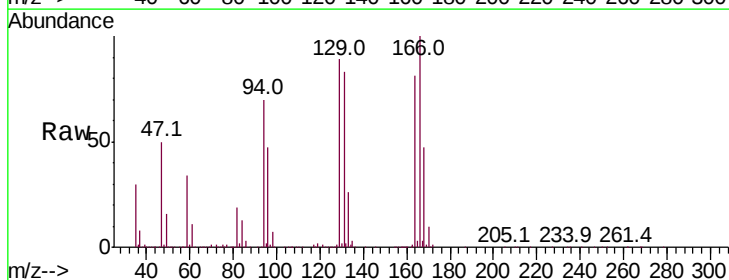
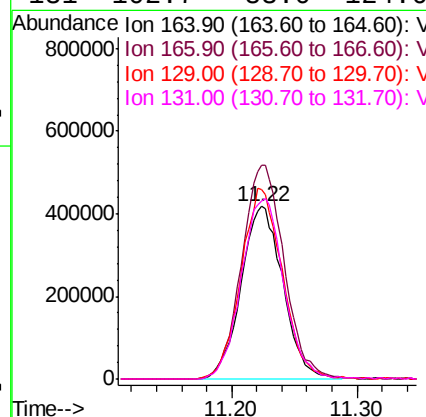
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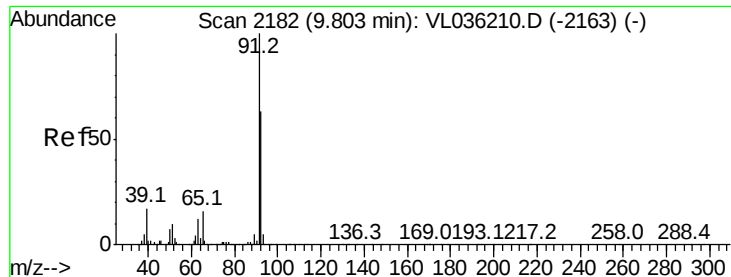
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#52
Tetrachloroethene
Concen: 8.704 ppbv
RT: 11.22 min Scan# 2624
Delta R.T. 0.01 min
Lab File: VL036272.D
Acq: 28 Jan 2021 13:30

Tgt Ion: 164 Resp: 964424
Ion Ratio Lower Upper
164 100
166 123.6 99.9 149.9
129 109.6 88.2 132.4
131 102.7 83.0 124.6





#53

Toluene

Concen: 9.838 ppbv

RT: 9.81 min Scan# 2183

Delta R.T. 0.00 min

Lab File: VL036272.D

Acq: 28 Jan 2021 13:30

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion: 91 Resp: 3309199

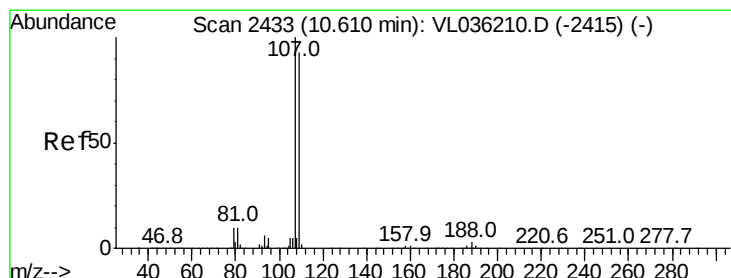
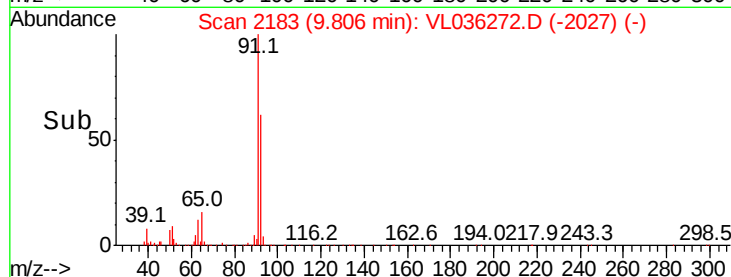
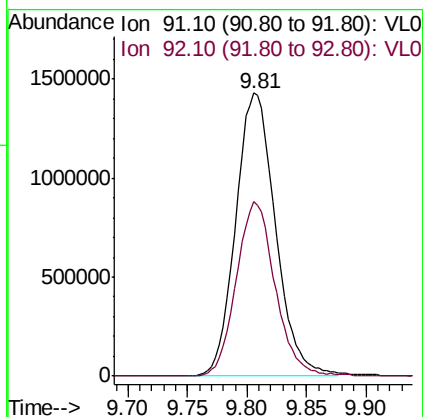
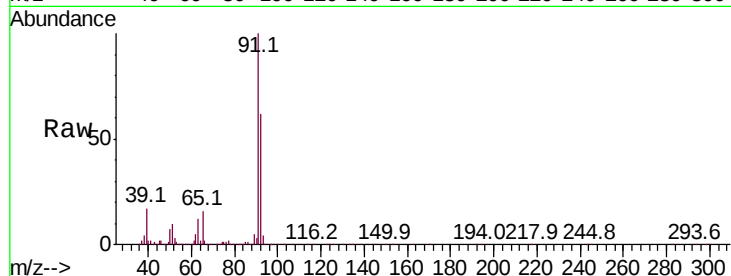
Ion Ratio Lower Upper

91 100

92 60.6 48.5 72.7

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#54

1,2-Dibromoethane

Concen: 10.006 ppbv

RT: 10.61 min Scan# 2433

Delta R.T. -0.00 min

Lab File: VL036272.D

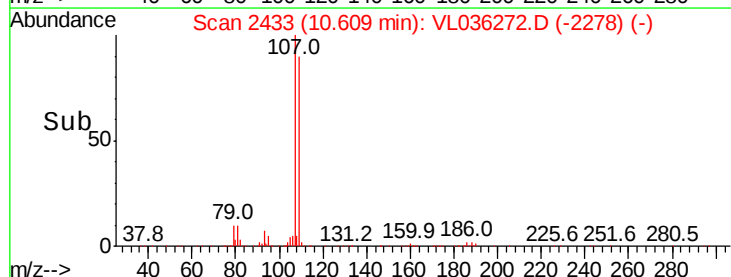
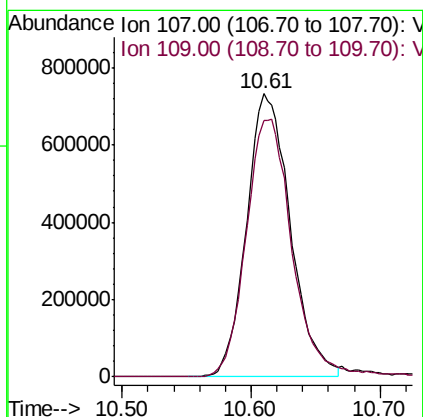
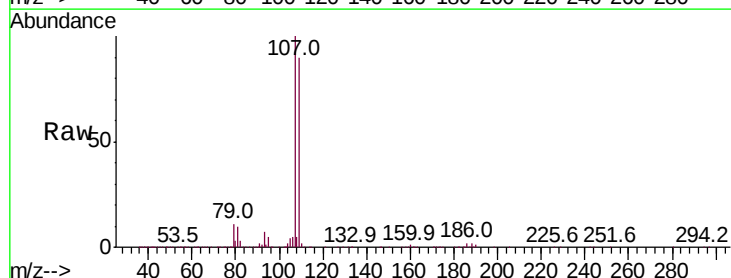
Acq: 28 Jan 2021 13:30

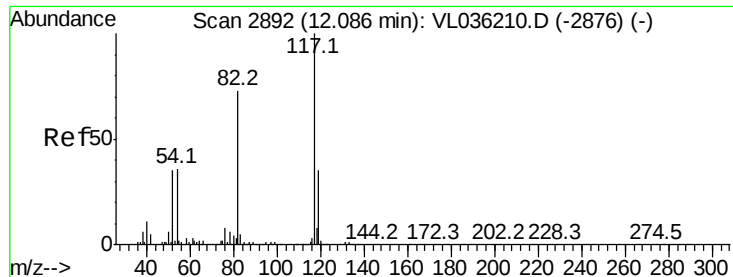
Tgt Ion: 107 Resp: 1732388

Ion Ratio Lower Upper

107 100

109 90.4 74.5 111.7





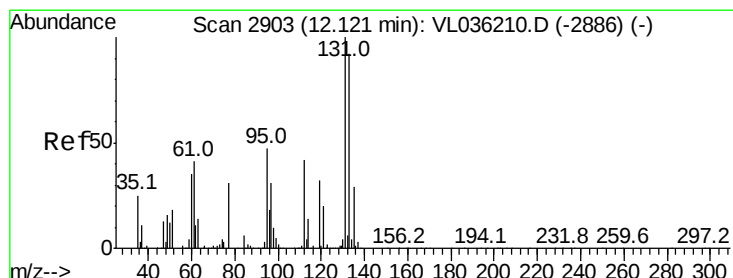
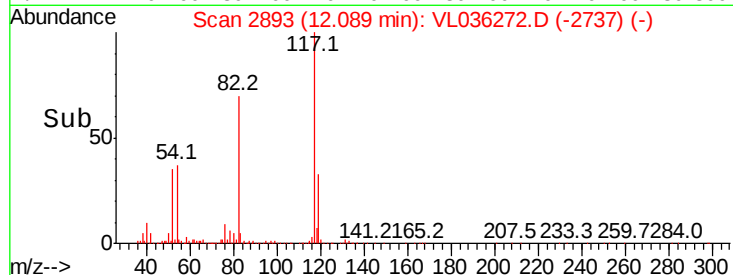
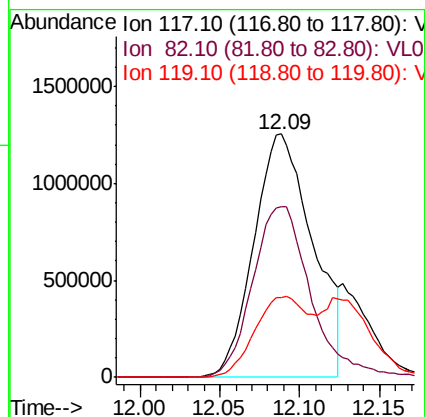
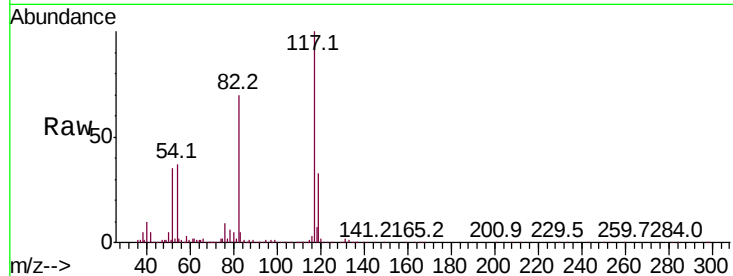
#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.09 min Scan# 2893
Delta R.T. 0.00 min
Lab File: VL036272.D
Acq: 28 Jan 2021 13:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
117	100		
82	69.8	59.7	89.5
119	31.3	28.6	43.0

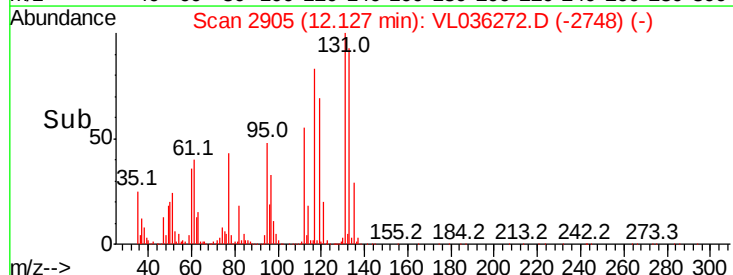
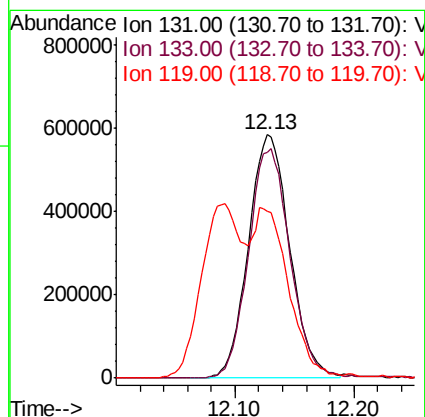
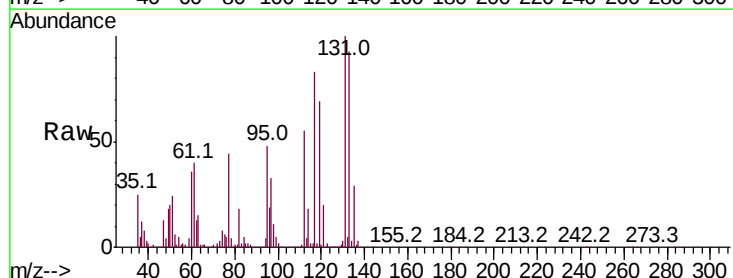
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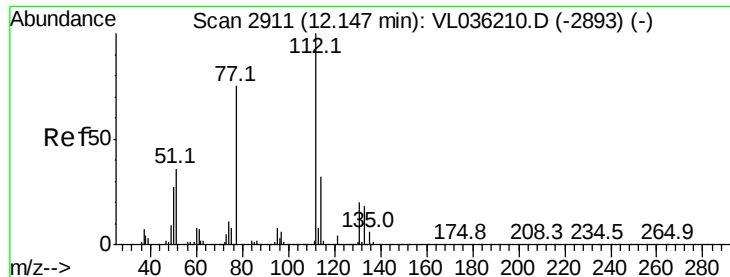
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#56
1,1,1,2-Tetrachloroethane
Concen: 9.712 ppbv
RT: 12.13 min Scan# 2905
Delta R.T. 0.01 min
Lab File: VL036272.D
Acq: 28 Jan 2021 13:30

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.8	76.5	114.7
119	70.6	45.4	68.0#





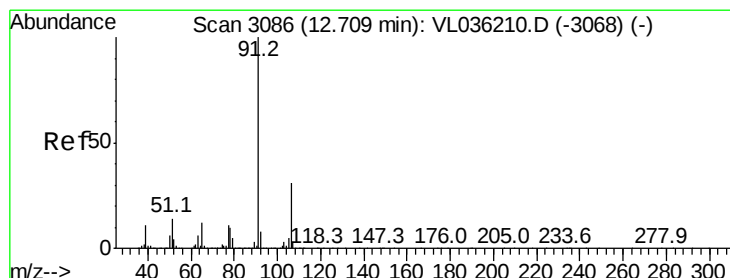
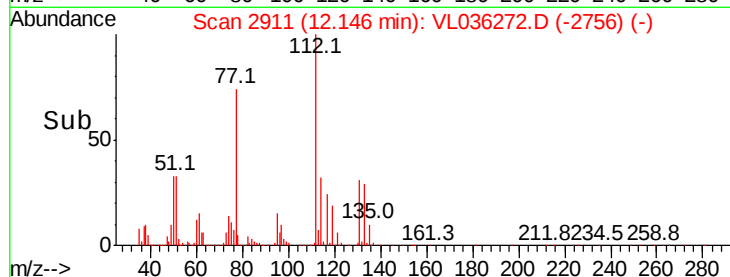
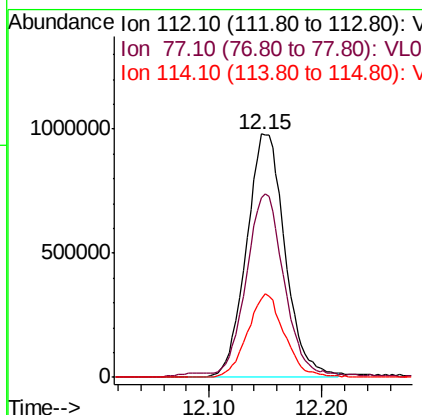
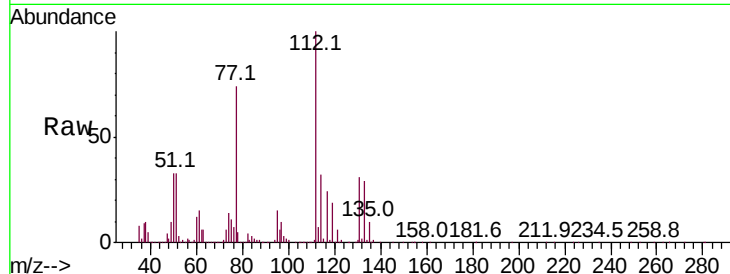
#57
Chlorobenzene
Concen: 9.139 ppbv
RT: 12.15 min Scan# 2911
Delta R.T. -0.00 min
Lab File: VL036272.D
Acq: 28 Jan 2021 13:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
112	100		
77	72.2	59.6	89.4
114	32.3	28.7	35.1

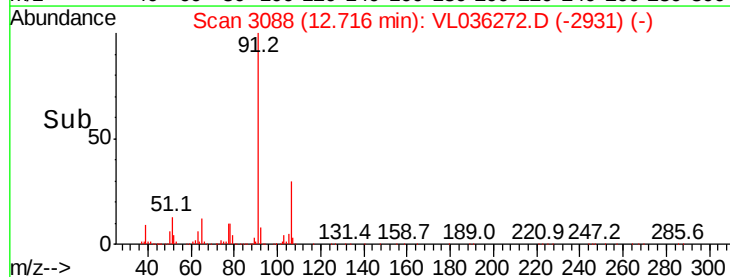
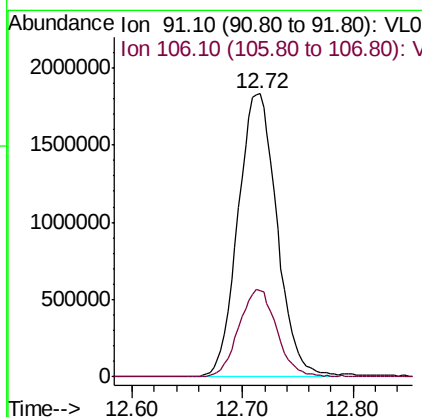
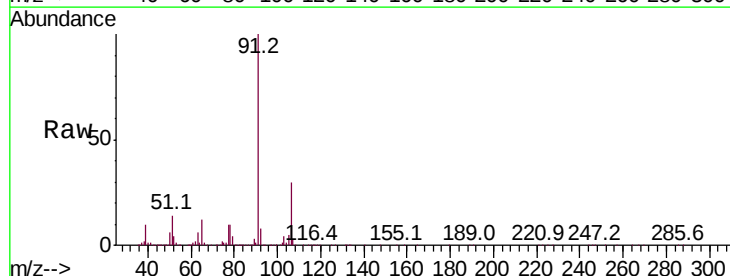
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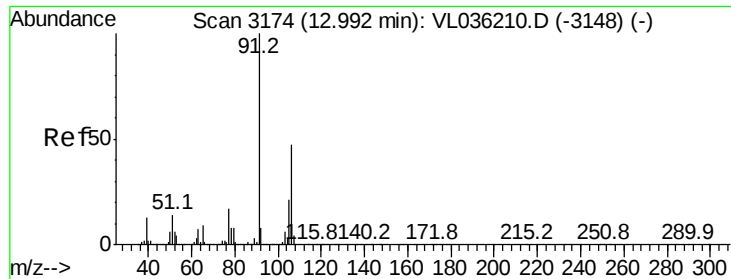
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#58
Ethyl Benzene
Concen: 9.338 ppbv
RT: 12.72 min Scan# 3088
Delta R.T. 0.01 min
Lab File: VL036272.D
Acq: 28 Jan 2021 13:30

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.4	24.8	37.2





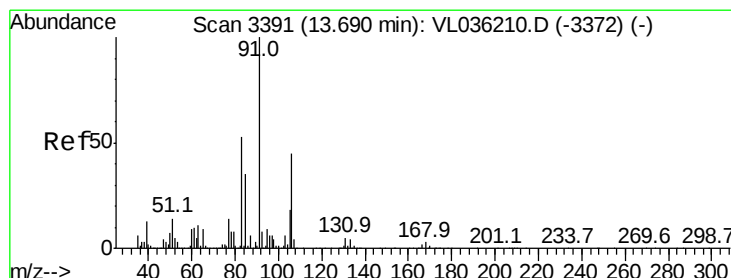
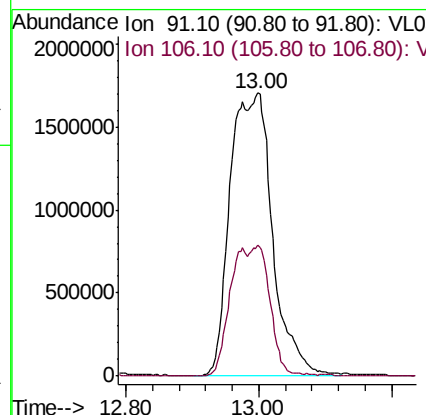
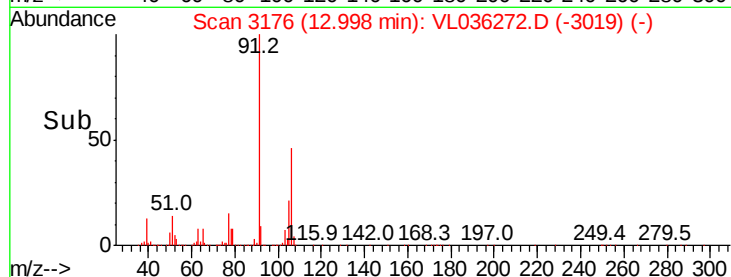
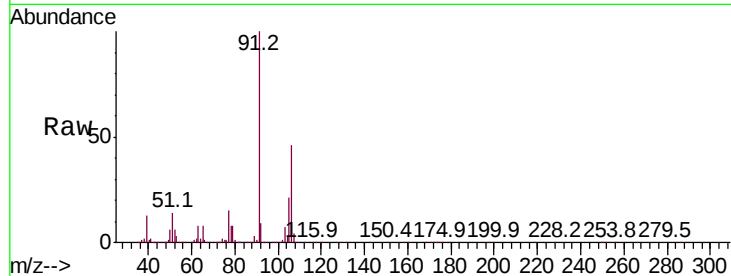
#59
m/p-Xylene
Concen: 18.320 ppbv m
RT: 13.00 min Scan# 3176
Delta R.T. 0.01 min
Lab File: VL036272.D
Acq: 28 Jan 2021 13:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion: 91 Resp: 7555746
Ion Ratio Lower Upper
91 100
106 42.7 34.6 51.8

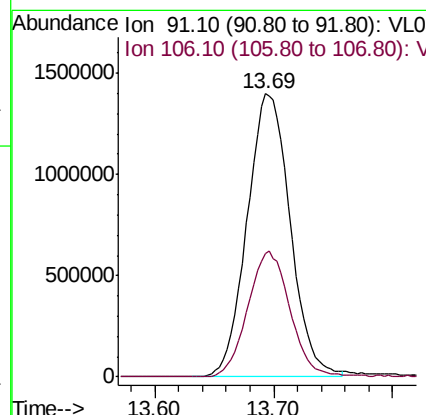
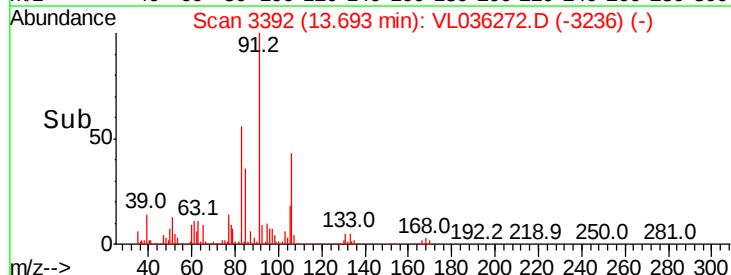
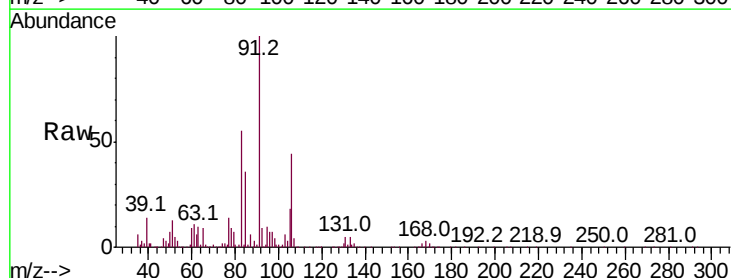
Manual Integrations
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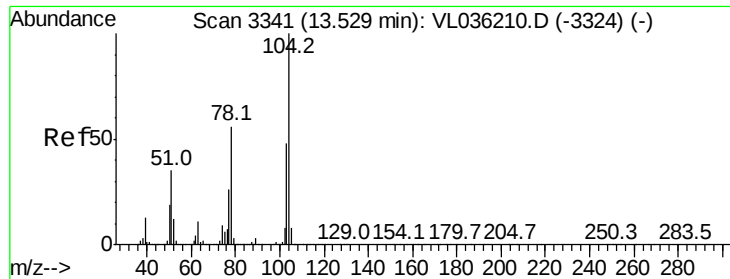
MMDadoda
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#60
o-Xylene
Concen: 8.796 ppbv
RT: 13.69 min Scan# 3392
Delta R.T. 0.00 min
Lab File: VL036272.D
Acq: 28 Jan 2021 13:30

Tgt Ion: 91 Resp: 3497024
Ion Ratio Lower Upper
91 100
106 44.0 21.9 65.8





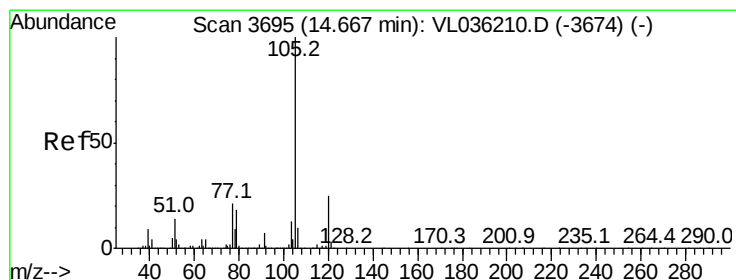
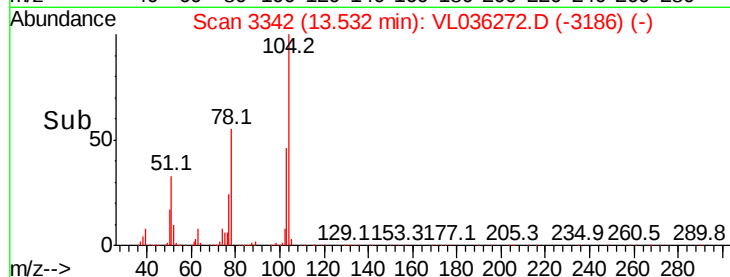
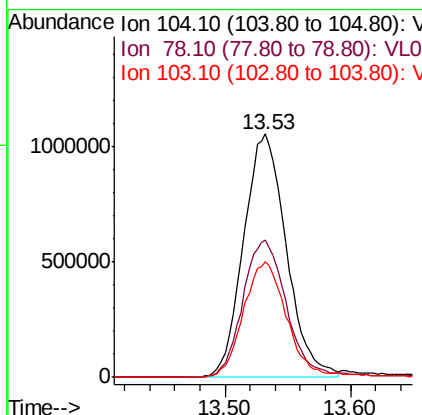
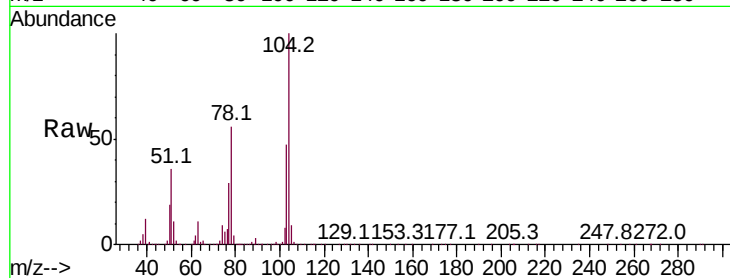
#61
Stvrene
Concen: 9.950 ppbv
RT: 13.53 min Scan# 3342
Delta R.T. 0.00 min
Lab File: VL036272.D
Acq: 28 Jan 2021 13:30

Instrument :
MSVOA_L
ClientSampled :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
104	100		
78	58.2	46.8	70.2
103	48.6	38.4	57.6

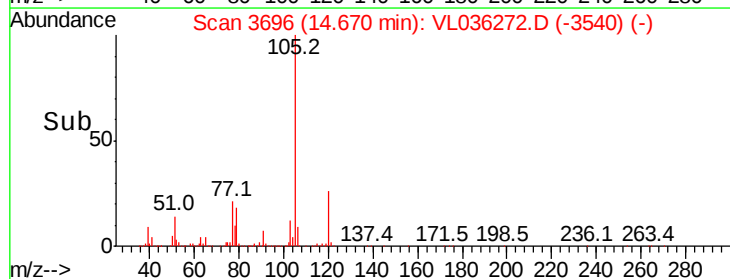
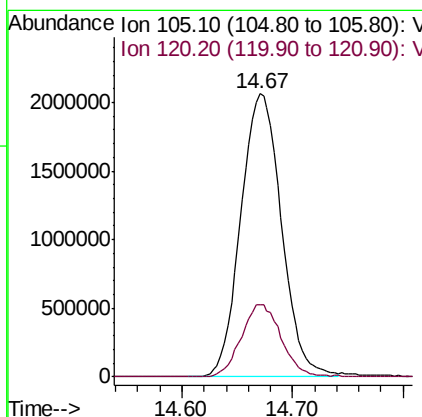
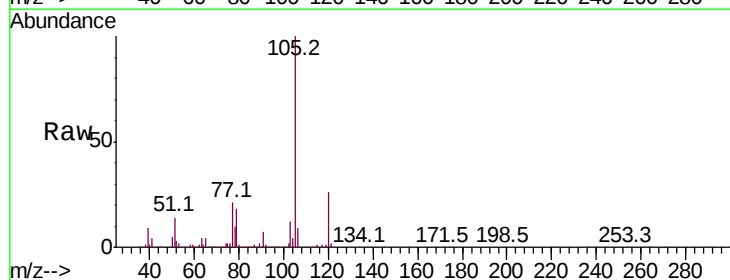
Manual Integrations
APPROVED

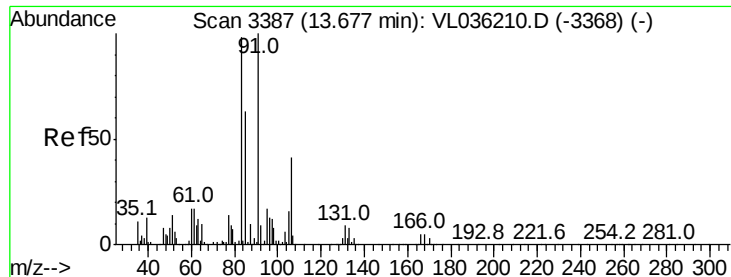
MMDadoda
2/1/2021 1:51:58 PM



#62
Isopropylbenzene
Concen: 8.923 ppbv
RT: 14.67 min Scan# 3696
Delta R.T. 0.00 min
Lab File: VL036272.D
Acq: 28 Jan 2021 13:30

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.5	20.3	30.5





#63

1,1,2,2-Tetrachloroethane

Concen: 8.393 ppbv

RT: 13.68 min Scan# 3389

Delta R.T. 0.01 min

Lab File: VL036272.D

Acq: 28 Jan 2021 13:30

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion: 83 Resp: 2484468

Ion Ratio Lower Upper

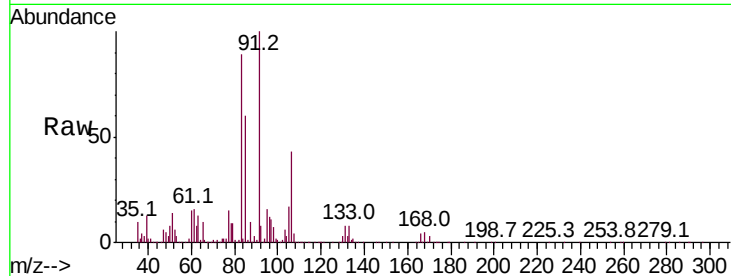
83 100

131 8.9 4.5 13.5

85 67.1 33.1 99.3

Manual Integrations
APPROVED

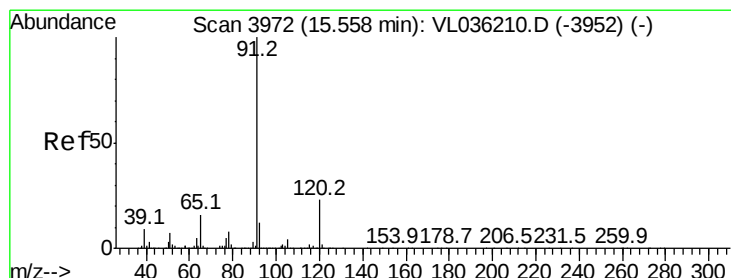
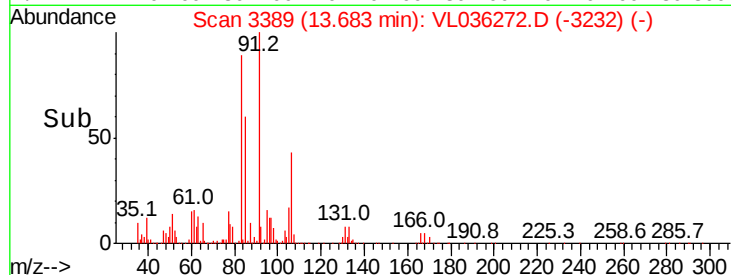
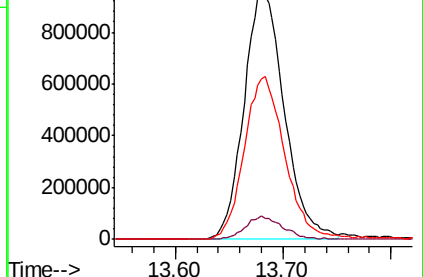
MMDadoda
2/1/2021 1:51:58 PM



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: 9.315 ppbv

RT: 15.56 min Scan# 3974

Delta R.T. 0.01 min

Lab File: VL036272.D

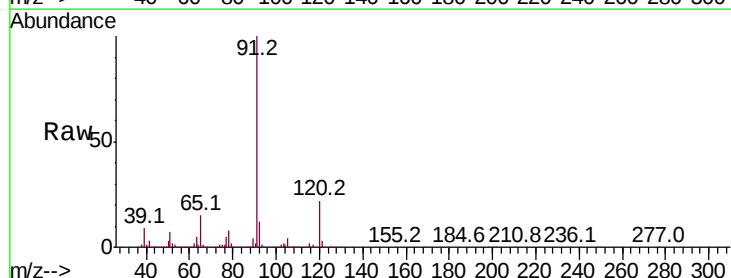
Acq: 28 Jan 2021 13:30

Tgt Ion: 120 Resp: 1352777

Ion Ratio Lower Upper

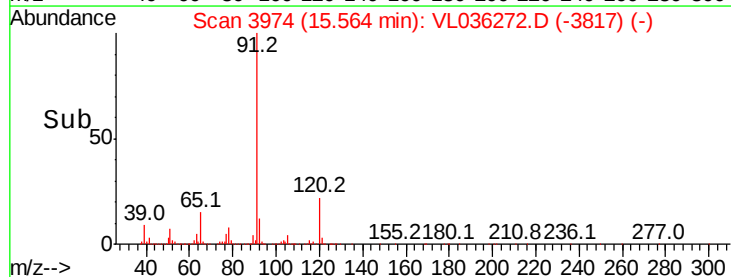
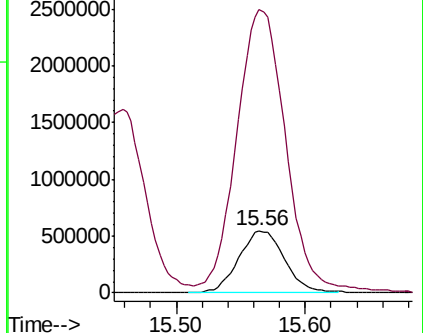
120 100

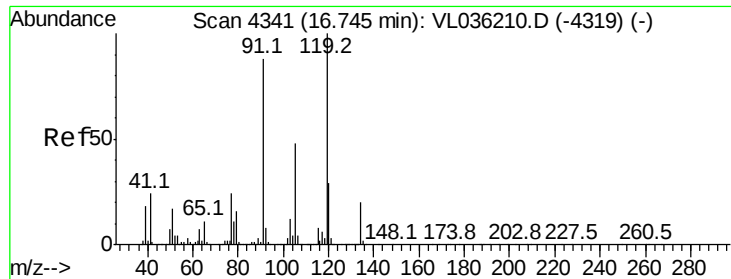
91 489.6 391.8 587.6



Abundance Ion 120.20 (119.90 to 120.90): VL0

Ion 91.10 (90.80 to 91.80): VL0





#65

tert-Butylbenzene

Concen: 8.896 ppbv

RT: 16.75 min Scan# 4343

Delta R.T. 0.01 min

Lab File: VL036272.D

Acq: 28 Jan 2021 13:30

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion: 119 Resp: 4455692

Ion Ratio Lower Upper

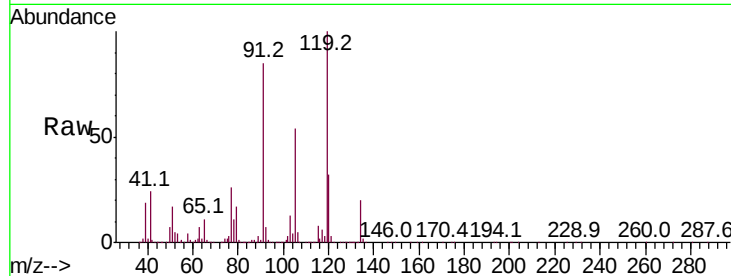
119 100

91 88.7 71.0 106.6

134 19.5 15.8 23.6

Manual Integrations
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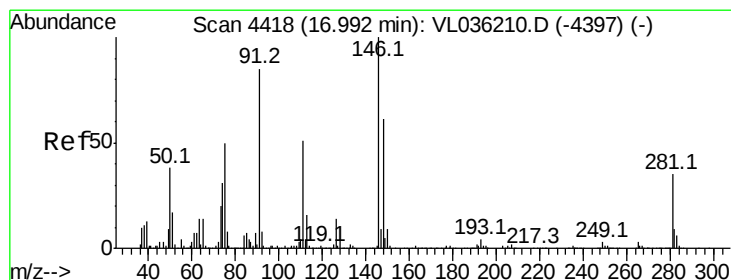
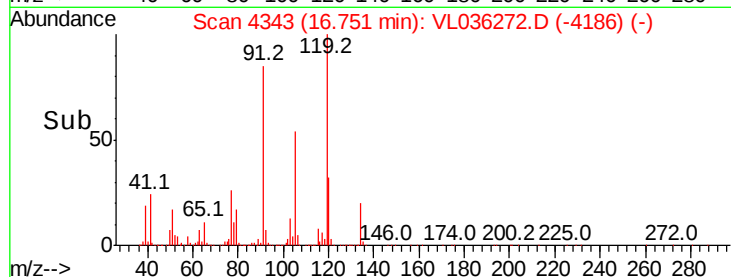
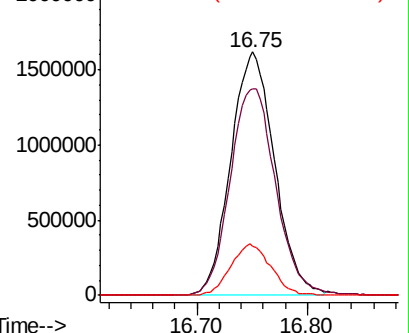
MMDadoda
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Abundance Ion 119.20 (118.90 to 119.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 134.20 (133.90 to 134.90): V



#66

Benzyl Chloride

Concen: 13.069 ppbv

RT: 17.00 min Scan# 4419

Delta R.T. 0.00 min

Lab File: VL036272.D

Acq: 28 Jan 2021 13:30

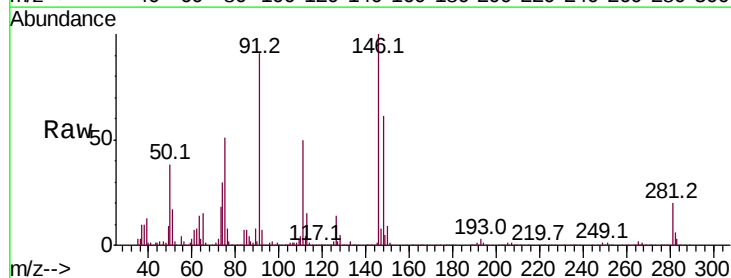
Tgt Ion: 91 Resp: 1672381

Ion Ratio Lower Upper

91 100

126 16.0 12.6 19.0

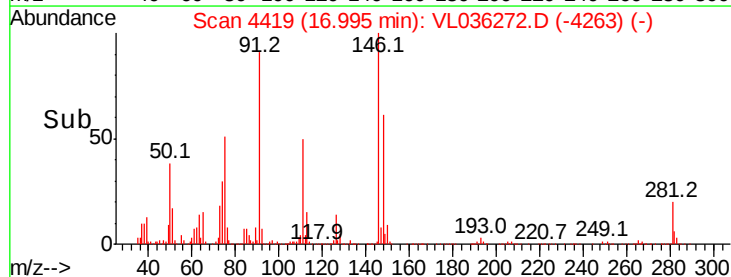
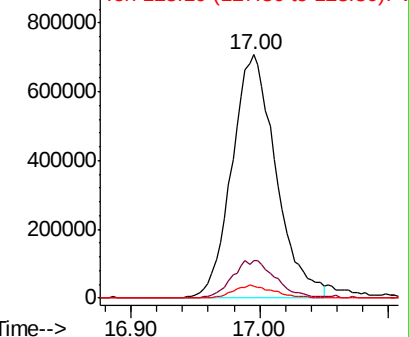
128 5.2 3.8 5.6

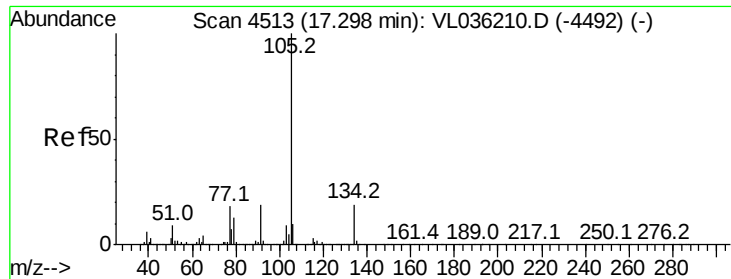


Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V

Ion 128.10 (127.80 to 128.80): V





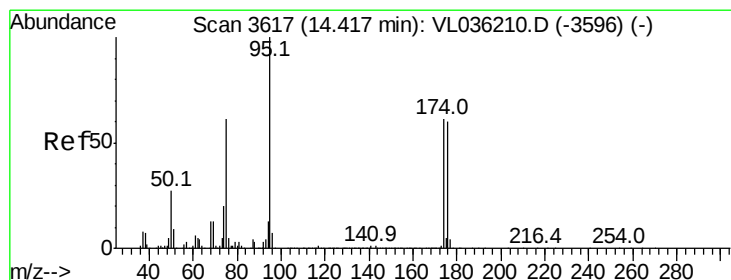
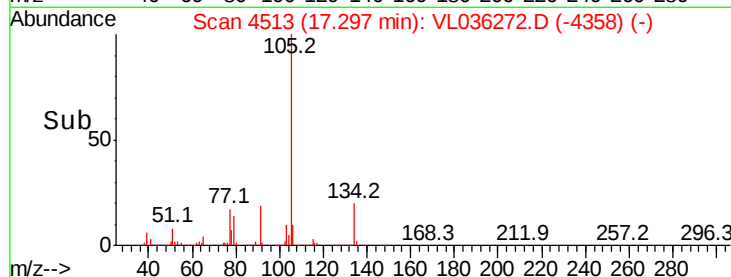
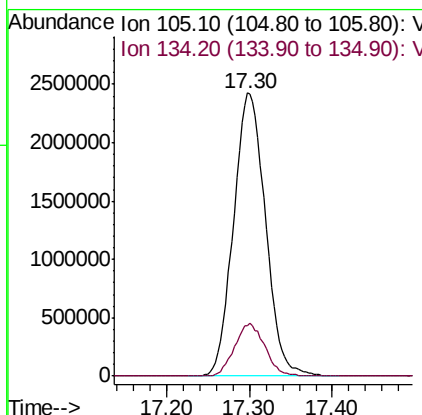
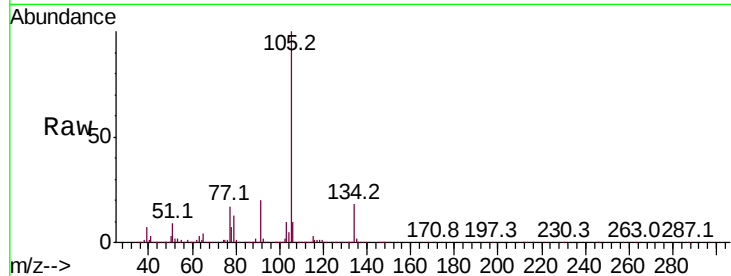
#67
 sec-Butylbenzene
 Concen: 8.721 ppbv
 RT: 17.30 min Scan# 4513
 Delta R.T. -0.00 min
 Lab File: VL036272.D
 Acq: 28 Jan 2021 13:30

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion: 105 Resp: 6483774
 Ion Ratio Lower Upper
 105 100
 134 17.9 14.2 21.4

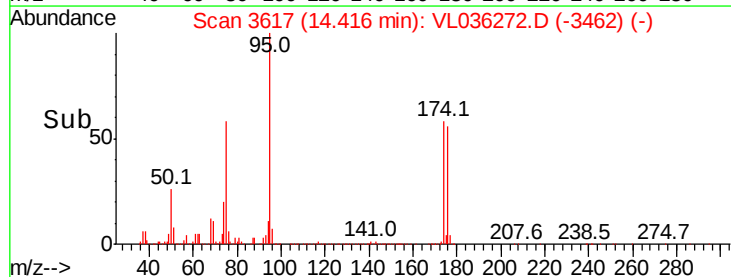
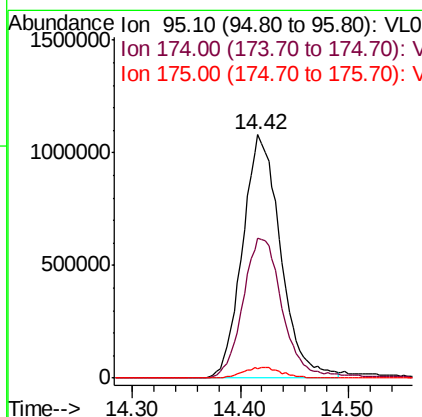
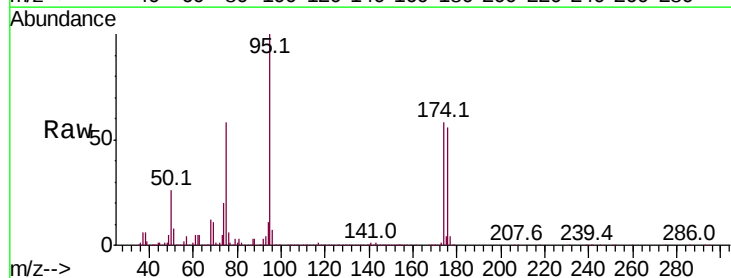
Manual Integrations
 APPROVED

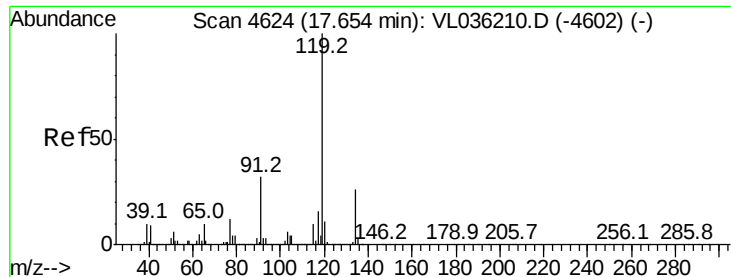
MMDadoda
 2/1/2021 1:51:58 PM



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.904 ppbv
 RT: 14.42 min Scan# 3617
 Delta R.T. -0.00 min
 Lab File: VL036272.D
 Acq: 28 Jan 2021 13:30

Tgt Ion: 95 Resp: 2651645
 Ion Ratio Lower Upper
 95 100
 174 60.9 49.4 74.0
 175 4.7 3.8 5.8





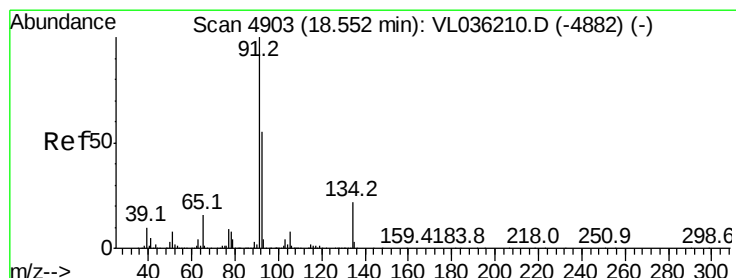
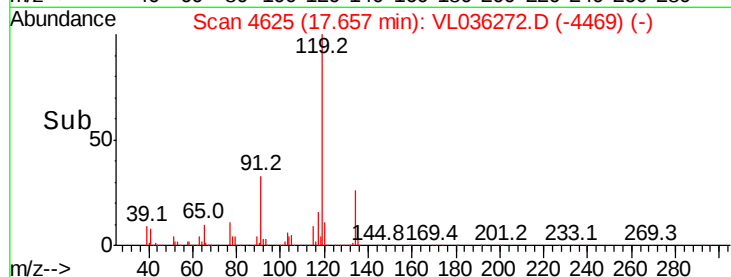
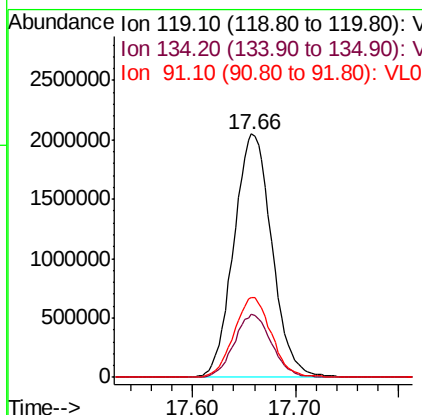
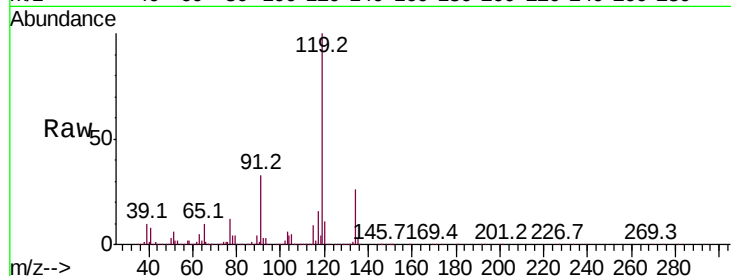
#69
 p-Isopropyltoluene
 Concen: 8.905 ppbv
 RT: 17.66 min Scan# 4625
 Delta R.T. 0.00 min
 Lab File: VL036272.D
 Acq: 28 Jan 2021 13:30

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.4	20.2	30.4
91	32.3	26.0	39.0

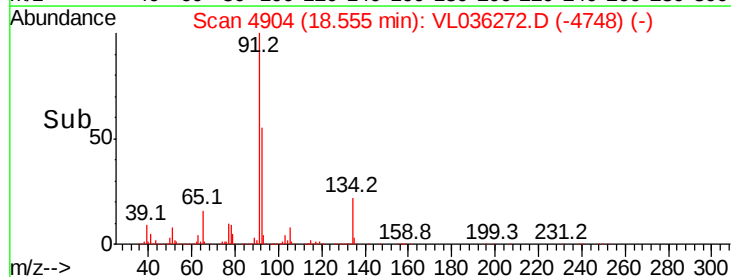
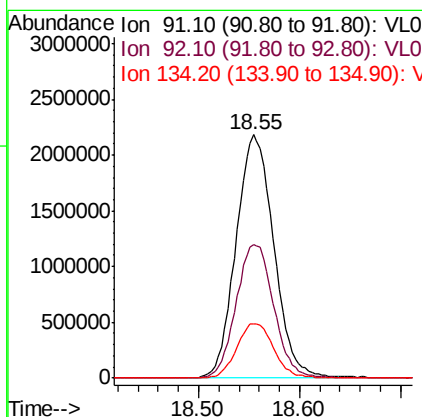
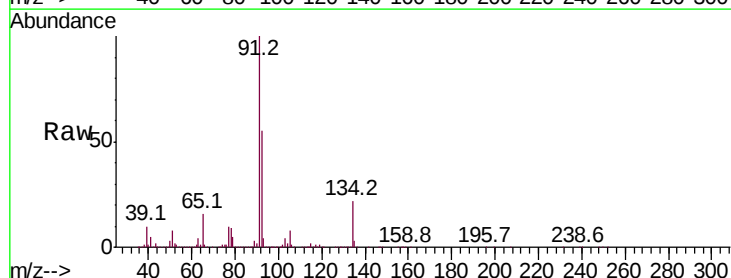
Manual Integrations
 APPROVED

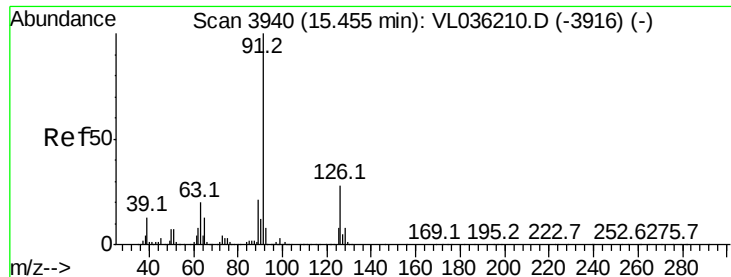
MMDadoda
 2/1/2021 1:51:58 PM



#70
 n-Butylbenzene
 Concen: 9.000 ppbv
 RT: 18.55 min Scan# 4904
 Delta R.T. 0.00 min
 Lab File: VL036272.D
 Acq: 28 Jan 2021 13:30

Tgt Ion	Ratio	Lower	Upper
91	100		
92	55.3	44.0	66.0
134	22.1	17.0	25.4





#71

2-Chlorotoluene

Concen: 8.951 ppbv

RT: 15.46 min Scan# 3941

Delta R.T. 0.00 min

Lab File: VL036272.D

Acq: 28 Jan 2021 13:30

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion: 91 Resp: 4158591

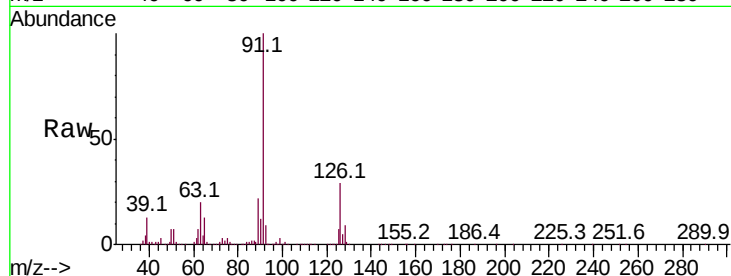
Ion Ratio Lower Upper

91 100

126 28.9 11.5 45.9

Manual Integrations
APPROVED

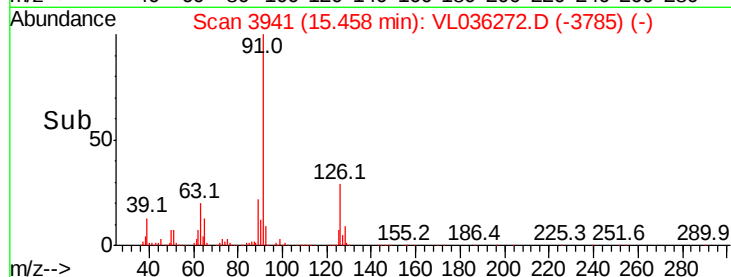
MMDadoda
2/1/2021 1:51:58 PM



Abundance Ion 91.10 (90.80 to 91.80): VL036272.D (-3916) (-)

Ion 126.10 (125.80 to 126.80): VL036272.D (-3916) (-)

Time-->

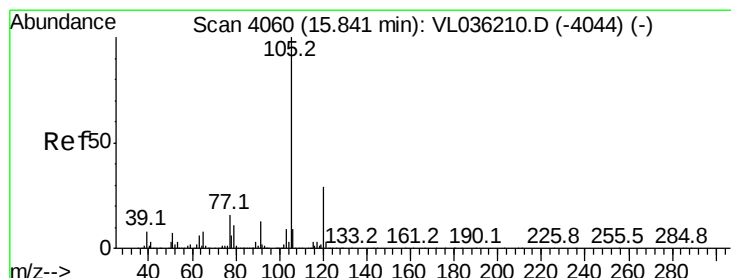


Abundance

Ion 91.10 (90.80 to 91.80): VL036272.D (-3916) (-)

Ion 126.10 (125.80 to 126.80): VL036272.D (-3916) (-)

Time-->



#72

4-Ethyltoluene

Concen: 8.982 ppbv

RT: 15.84 min Scan# 4061

Delta R.T. 0.00 min

Lab File: VL036272.D

Acq: 28 Jan 2021 13:30

Tgt Ion: 105 Resp: 4029864

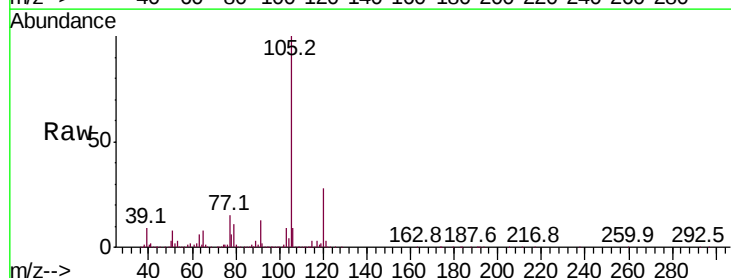
Ion Ratio Lower Upper

105 100

120 30.1 23.7 35.5

91 14.1 11.9 17.9

77 16.0 12.6 18.8



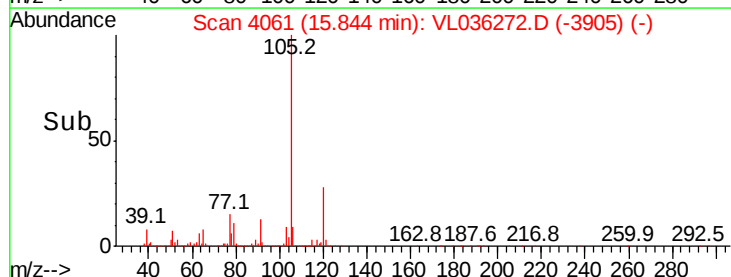
Abundance Ion 105.10 (104.80 to 105.80): VL036272.D (-3905) (-)

Ion 120.20 (119.90 to 120.90): VL036272.D (-3905) (-)

Ion 91.10 (90.80 to 91.80): VL036272.D (-3905) (-)

Ion 77.10 (76.80 to 77.80): VL036272.D (-3905) (-)

Time-->



Abundance

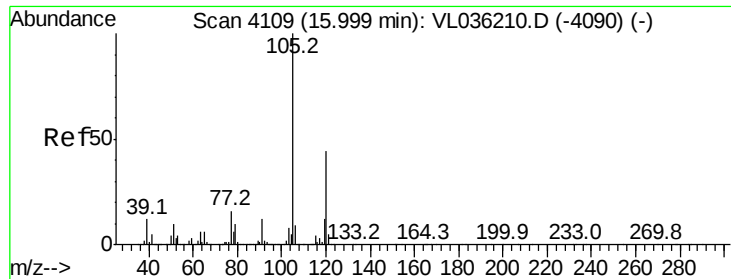
Ion 105.10 (104.80 to 105.80): VL036272.D (-3905) (-)

Ion 120.20 (119.90 to 120.90): VL036272.D (-3905) (-)

Ion 91.10 (90.80 to 91.80): VL036272.D (-3905) (-)

Ion 77.10 (76.80 to 77.80): VL036272.D (-3905) (-)

Time-->



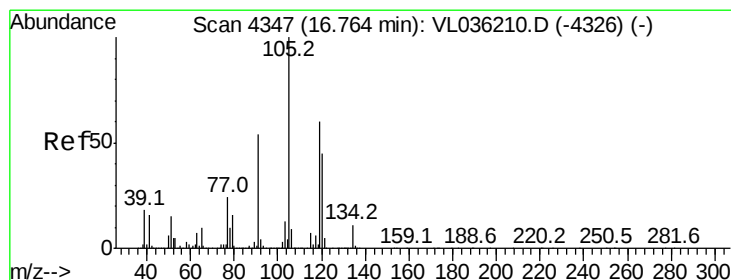
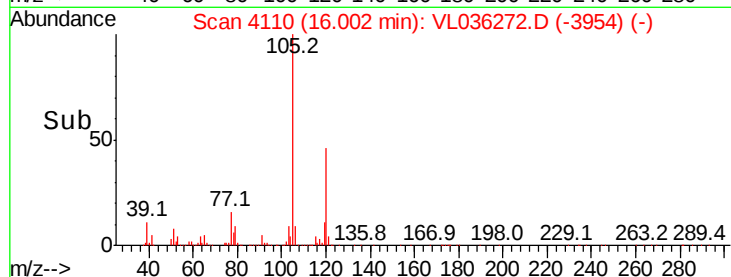
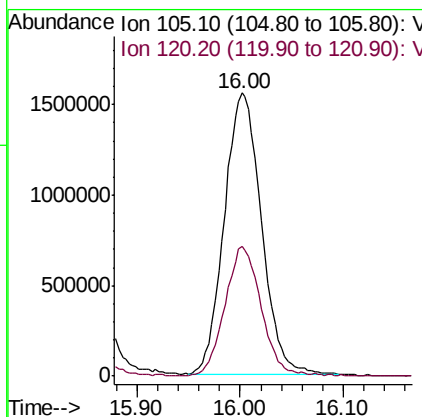
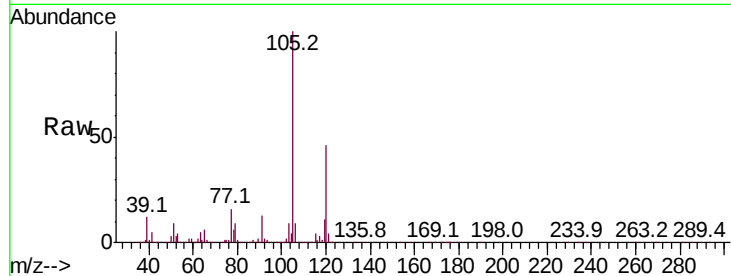
#73
 1,3,5-Trimethylbenzene
 Concen: 9.106 ppbv
 RT: 16.00 min Scan# 4110
 Delta R.T. 0.00 min
 Lab File: VL036272.D
 Acq: 28 Jan 2021 13:30

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion:105 Resp: 3894248
 Ion Ratio Lower Upper
 105 100
 120 45.7 35.5 53.3

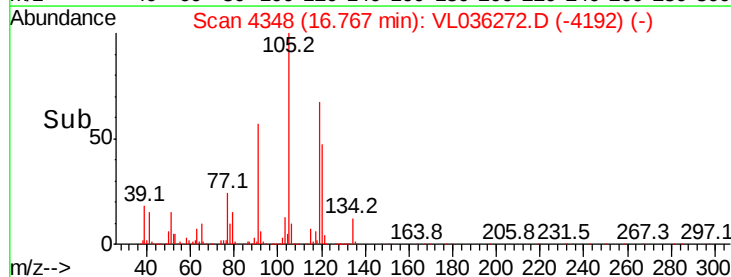
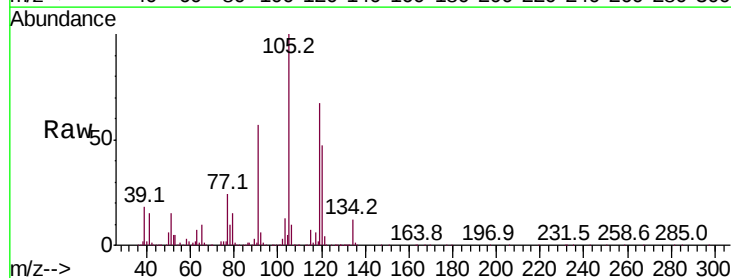
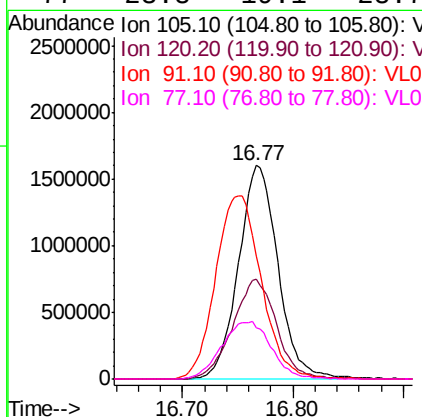
Manual Integrations
 APPROVED

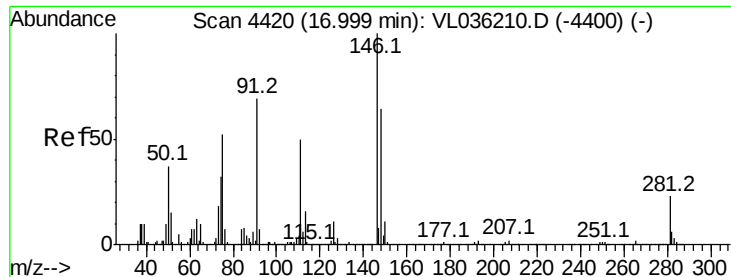
MMDadoda
 2/1/2021 1:51:58 PM



#74
 1,2,4-Trimethylbenzene
 Concen: 9.021 ppbv
 RT: 16.77 min Scan# 4348
 Delta R.T. 0.00 min
 Lab File: VL036272.D
 Acq: 28 Jan 2021 13:30

Tgt Ion:105 Resp: 3957404
 Ion Ratio Lower Upper
 105 100
 120 46.8 36.2 54.2
 91 56.8 43.3 64.9
 77 23.8 19.1 28.7





#75

1,3-Dichlorobenzene

Concen: 8.937 ppbv

RT: 17.00 min Scan# 4421

Delta R.T. 0.00 min

Lab File: VL036272.D

Acq: 28 Jan 2021 13:30

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion:146 Resp: 2102778

Ion Ratio Lower Upper

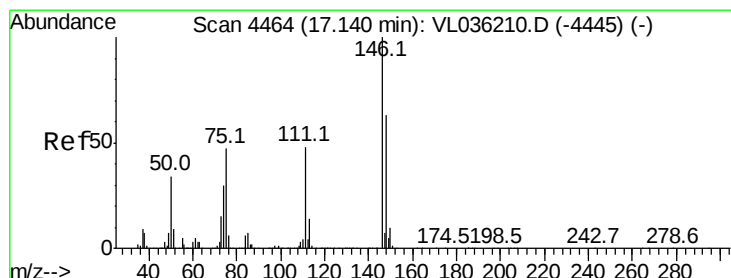
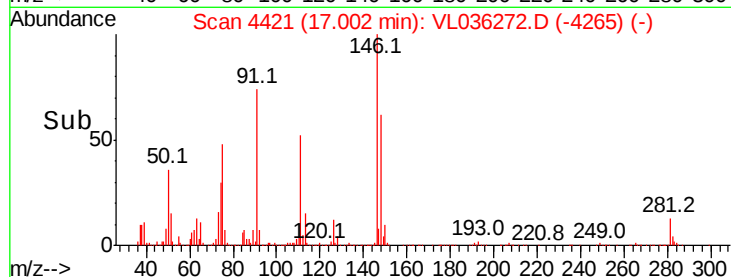
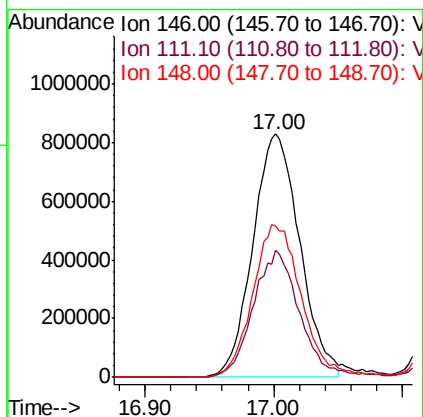
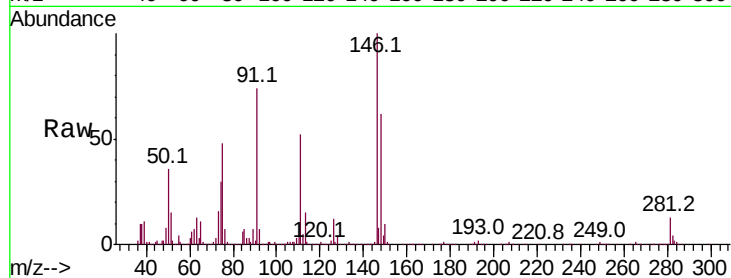
146 100

111 51.7 25.5 76.5

148 65.1 32.4 97.2

Manual Integrations
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2/1/2021 1:51:58 PM



#76

1,4-Dichlorobenzene

Concen: 9.067 ppbv

RT: 17.15 min Scan# 4466

Delta R.T. 0.01 min

Lab File: VL036272.D

Acq: 28 Jan 2021 13:30

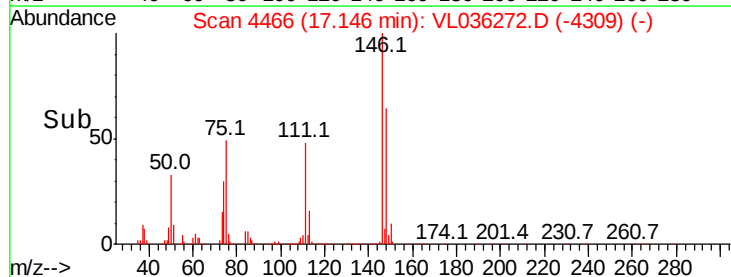
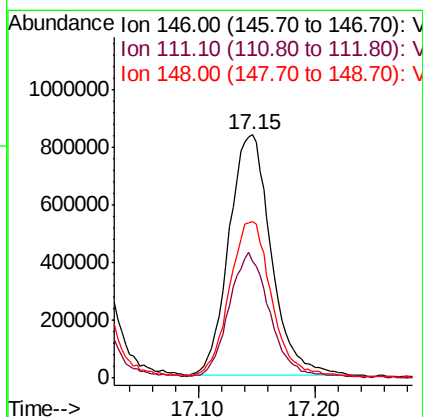
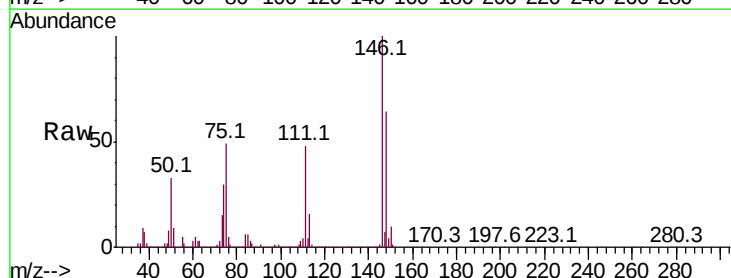
Tgt Ion:146 Resp: 2107517

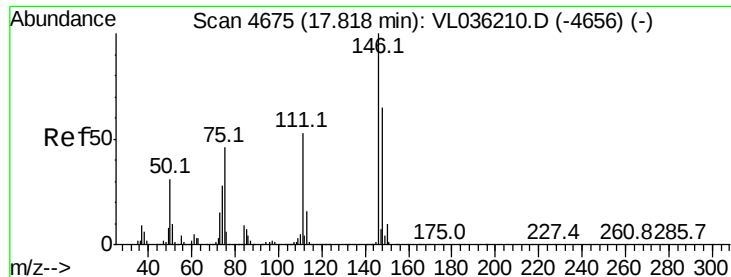
Ion Ratio Lower Upper

146 100

111 50.2 25.4 76.0

148 66.2 33.3 99.9





#77

1,2-Dichlorobenzene

Concen: 9.056 ppbv

RT: 17.82 min Scan# 4676

Delta R.T. 0.00 min

Lab File: VL036272.D

Acq: 28 Jan 2021 13:30

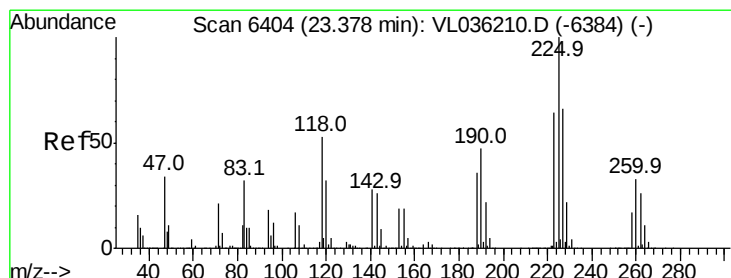
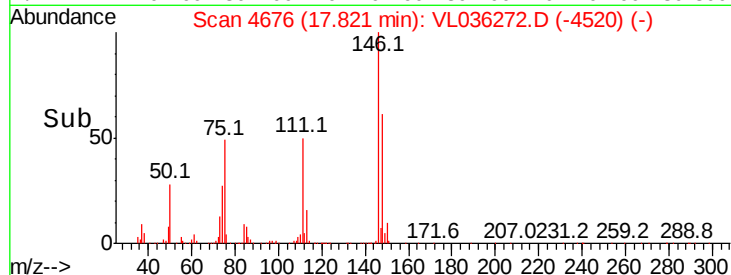
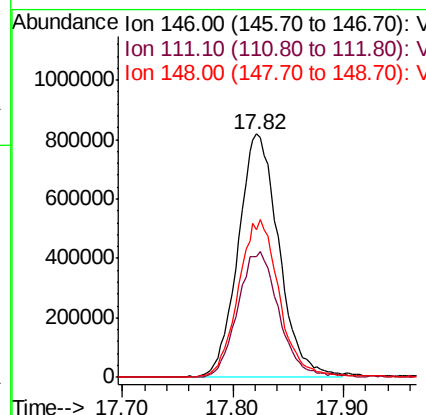
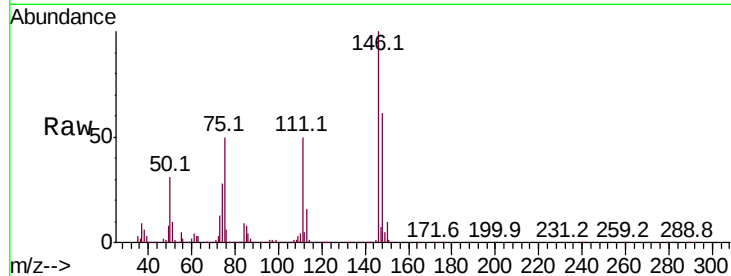
Instrument :
MSVOA_L

ClientSampled :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	52.6	26.5	79.4
148	65.2	32.8	98.4

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#78

Hexachloro-1,3-Butadiene

Concen: 8.327 ppbv

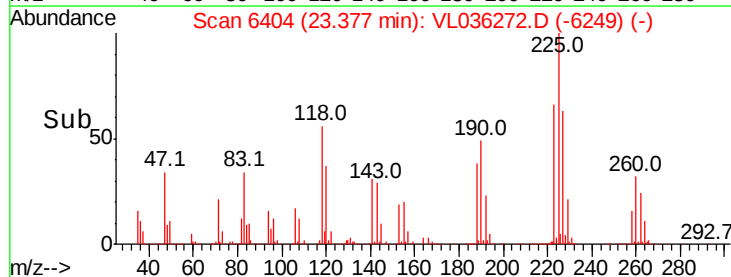
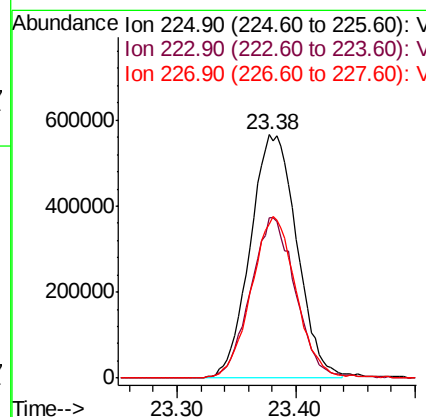
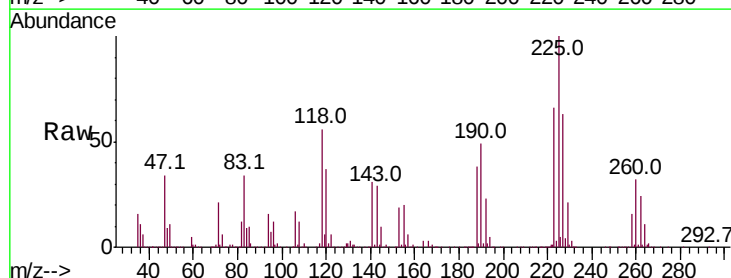
RT: 23.38 min Scan# 6404

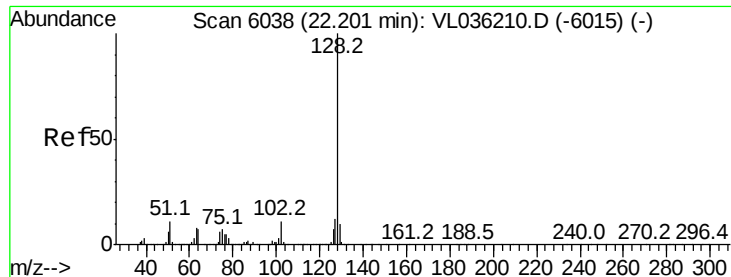
Delta R.T. -0.00 min

Lab File: VL036272.D

Acq: 28 Jan 2021 13:30

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.5	75.7
227	64.2	51.7	77.5





#79

Naphthalene

Concen: 11.552 ppbv

RT: 22.21 min Scan# 6040

Delta R.T. 0.01 min

Lab File: VL036272.D

Acq: 28 Jan 2021 13:30

Instrument :

MSVOA_L

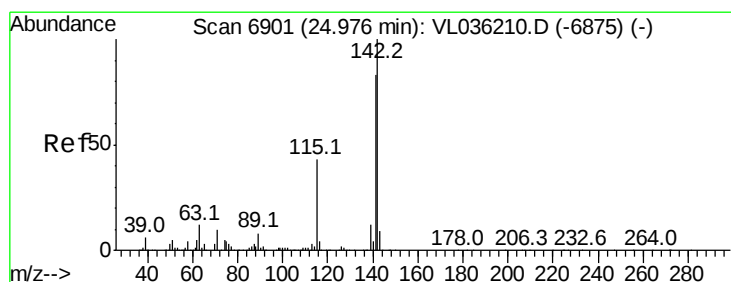
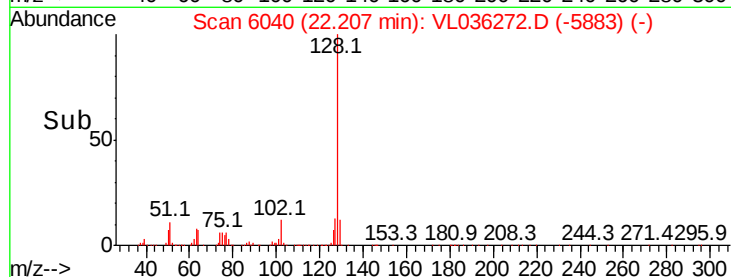
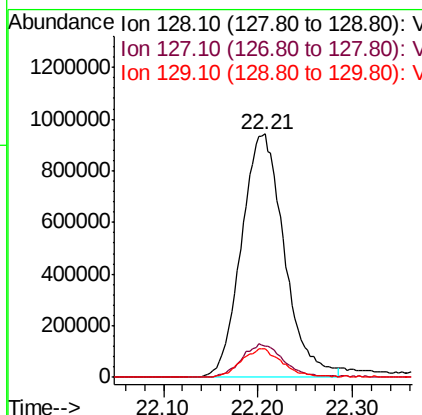
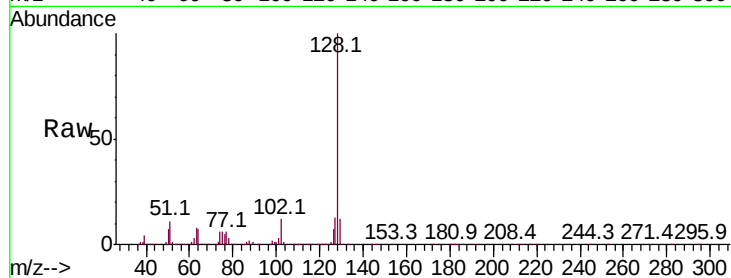
ClientSampleId :

VSTDCCC010

Tot Ion:	128	Resp:	2962122
Ion	Ratio	Lower	Upper
128	100		
127	12.9	9.9	14.9
129	11.9	8.4	12.6

Manual Integrations
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#80

Naphthalene, 2-methyl-

Concen: 20.014 ppbv

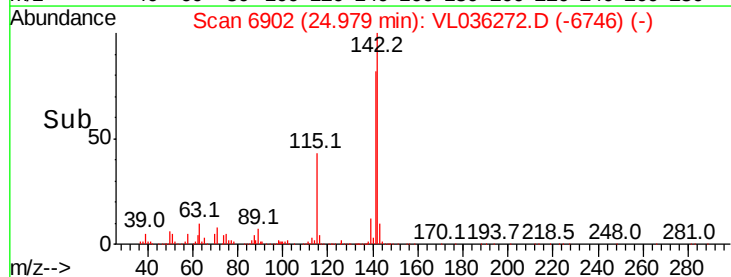
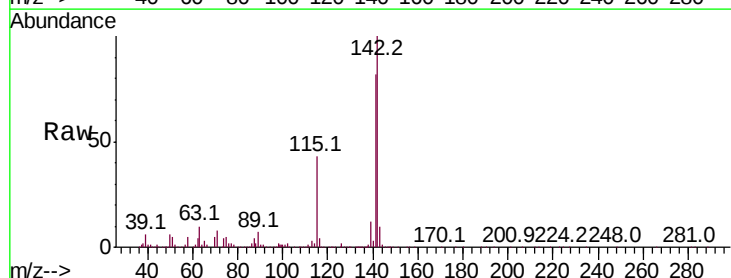
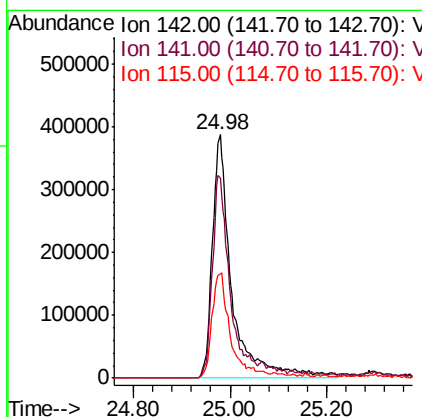
RT: 24.98 min Scan# 6902

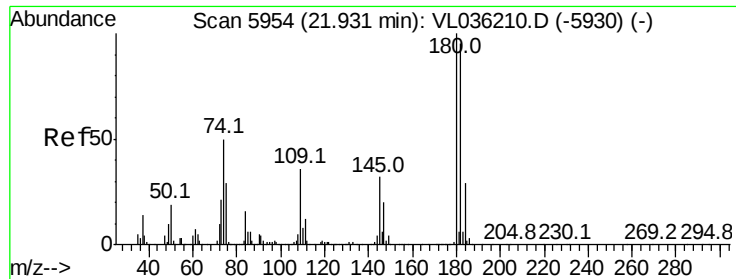
Delta R.T. 0.00 min

Lab File: VL036272.D

Acq: 28 Jan 2021 13:30

Tgt Ion:	142	Resp:	1095072
Ion	Ratio	Lower	Upper
142	100		
141	78.6	68.6	102.8
115	42.5	32.9	49.3





#81
 1,2,4-Trichlorobenzene
 Concen: 10.075 ppbv
 RT: 21.94 min Scan# 5956
 Delta R.T. 0.01 min
 Lab File: VL036272.D
 Acq: 28 Jan 2021 13:30

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion:	180	Resp:	1508281
Ion Ratio	Lower	Upper	
180	100		
182	101.1	79.9	119.9
184	31.6	25.6	38.4

Manual Integrations
 APPROVED

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 2/1/2021 1:51:58 PM

