

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL022521\
 Data File : VL036394.D
 Acq On : 25 Feb 2021 23:14
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleID :
 VSTDCCC010EC

Manual Integrations
 APPROVED

MMDadoda
 3/1/2021 10:03:23 AM

Quant Time: Feb 26 03:28:49 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL021021AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 10 2021
 QLast Update : Wed Feb 10 16:04:02 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1519611	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	3468939	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	3196117	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2801821	10.65	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.03	85	2070817	9.131	ppbv	100
3) Chlorodifluoromethane	2.97	51	1935249	10.250	ppbv	99
4) Chloromethane	3.12	50	970270	10.637	ppbv	100
5) Vinyl Chloride	3.24	62	948601	11.168	ppbv	94
6) Bromomethane	3.46	94	538474	10.666	ppbv	97
7) Chloroethane	3.54	64	335591	11.127	ppbv	100
8) Dichlorotetrafluoroethane	3.17	85	2146968	10.409	ppbv	97
9) Propene	3.00	41	884016	12.558	ppbv	99
10) Heptane	8.10	43	2247164	10.831	ppbv	100
11) Trichlorofluoromethane	3.93	101	2327642	10.481	ppbv	98
12) 1,1,2-Trichlorotrifluoroet	4.47	101	1499558	10.901	ppbv	98
13) Ethanol	3.59	45	125044m	9.457	ppbv	
14) Bromoethene	3.73	108	615041	10.682	ppbv	100
15) Acetone	3.83	43	1814201	9.767	ppbv	97
16) 1,3-Butadiene	3.31	39	924363	10.407	ppbv	100
17) tert-Butyl alcohol	4.28	59	1534716	10.644	ppbv	98
18) 1,1-Dichloroethene	4.28	96	639098	10.223	ppbv	100
19) Isopropyl Alcohol	3.95	45	985790	9.579	ppbv #	98
20) Methylene Chloride	4.33	84	560936	9.360	ppbv	99
21) Allyl Chloride	4.39	41	1043963	10.094	ppbv	98
22) trans-1,2-Dichloroethene	4.87	96	615130	10.832	ppbv	94
23) Vinyl Acetate	5.06	43	2337966	10.705	ppbv	98
24) 1,1-Dichloroethane	5.00	63	1693572	10.485	ppbv	99
25) Ethyl Acetate	5.66	43	3781485	10.545	ppbv	99
26) Hexane	5.67	57	1549037	10.513	ppbv	99
27) Carbon Disulfide	4.53	76	1638901	12.103	ppbv	98
28) Methyl tert-Butyl Ether	5.01	73	2068712	10.748	ppbv	99
29) Chloroform	5.74	83	2436480	10.264	ppbv	97
30) Cyclohexane	7.11	84	1289167	10.521	ppbv	98
31) cis-1,2-Dichloroethene	5.54	61	1561416	10.710	ppbv	97
32) 1,1,1-Trichloroethane	6.49	97	2388395	10.762	ppbv	99
34) 2-Butanone	5.23	43	2364522	10.259	ppbv	99
35) Carbon Tetrachloride	7.00	117	2439812	10.494	ppbv	98
36) Benzene	6.88	78	3188502	10.820	ppbv	97
37) 1,2-Dichloroethane	6.29	62	1916702	10.520	ppbv	100
38) Trichloroethene	7.82	130	1116092	10.573	ppbv	95
39) 1,2-Dichloropropane	7.60	63	1289522	10.773	ppbv	97
40) 1,4-Dioxane	7.81	88	402069	9.694	ppbv #	23
41) Tetrahydrofuran	6.03	42	1413285	10.988	ppbv	99
42) Bromodichloromethane	7.78	83	2699768	11.064	ppbv	98
43) Methyl Methacrylate	8.00	69	1393853	11.216	ppbv	98

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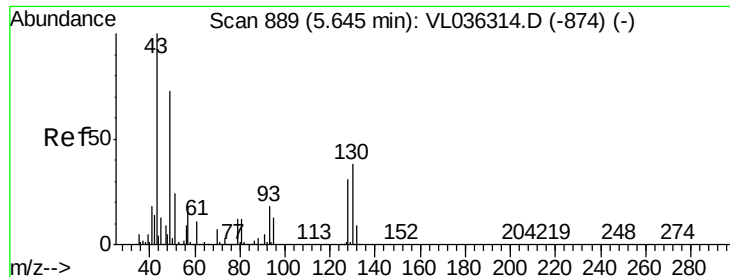
Manual Integrations
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 3/1/2021 10:03:23 AM

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL021021AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 10
 QLast Update : Wed Feb 10 16:04:02 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.85	57	5506171	10.276	ppbv	99
45) t-1,3-Dichloropropene	9.26	75	1484705	12.385	ppbv	99
46) cis-1,3-Dichloropropene	8.69	75	1805982	11.859	ppbv	99
47) 1,1,2-Trichloroethane	9.46	97	1273420	10.395	ppbv	95
48) Dibromochloromethane	10.29	129	2062473	11.283	ppbv	99
49) Bromoform	13.03	173	1658045	11.220	ppbv	99
50) 4-Methyl-2-Pentanone	8.72	43	3760637	10.991	ppbv	100
51) 2-Hexanone	10.11	43	2972832	11.435	ppbv #	99
52) Tetrachloroethene	11.21	164	1023794	9.490	ppbv	97
53) Toluene	9.79	91	3542394	11.098	ppbv	100
54) 1,2-Dibromoethane	10.59	107	1840146	10.394	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.11	131	1547411	10.526	ppbv #	61
57) Chlorobenzene	12.13	112	2512116	10.173	ppbv	97
58) Ethyl Benzene	12.70	91	4745377	10.843	ppbv	97
59) m/p-Xylene	12.98	91	8052344m	20.947	ppbv	
60) o-Xylene	13.68	91	3799161	10.336	ppbv	100
61) Styrene	13.51	104	2645538	11.614	ppbv	99
62) Isopropylbenzene	14.65	105	5580608	10.129	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.66	83	2665953	9.193	ppbv	100
64) n-propylbenzene	15.55	120	1460161	10.769	ppbv	98
65) tert-Butylbenzene	16.73	119	4727571	10.029	ppbv	99
66) Benzyl Chloride	16.98	91	1561870	12.188	ppbv	99
67) sec-Butylbenzene	17.28	105	6697215	9.852	ppbv	98
69) p-Isopropyltoluene	17.64	119	5556818	10.577	ppbv	100
70) n-Butylbenzene	18.54	91	5970605	10.598	ppbv	100
71) 2-Chlorotoluene	15.44	91	4344426	10.287	ppbv	98
72) 4-Ethyltoluene	15.82	105	4329881	10.585	ppbv	99
73) 1,3,5-Trimethylbenzene	15.99	105	4085377	10.303	ppbv	99
74) 1,2,4-Trimethylbenzene	16.75	105	4102955	10.136	ppbv	98
75) 1,3-Dichlorobenzene	16.98	146	2249375	10.237	ppbv	99
76) 1,4-Dichlorobenzene	17.12	146	2188220	9.591	ppbv	95
77) 1,2-Dichlorobenzene	17.81	146	2210630	10.142	ppbv	99
78) Hexachloro-1,3-Butadiene	23.36	225	1730936	9.720	ppbv	99
79) Naphthalene	22.18	128	3565654	14.860	ppbv	97
80) Naphthalene, 2-methyl-	24.97	142	877034	19.740	ppbv	94
81) 1,2,4-Trichlorobenzene	21.91	180	1797686	12.279	ppbv	98

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



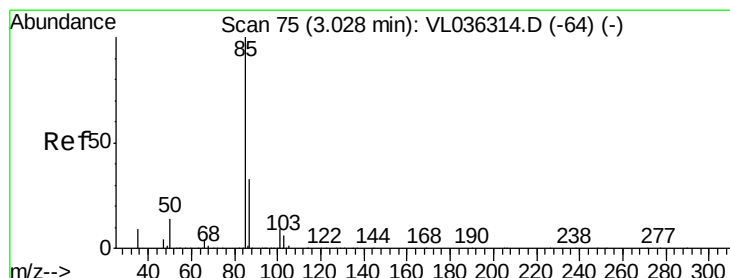
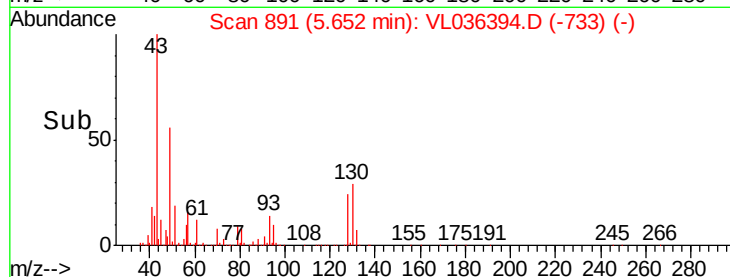
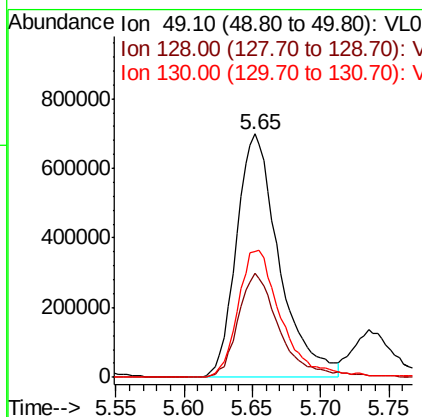
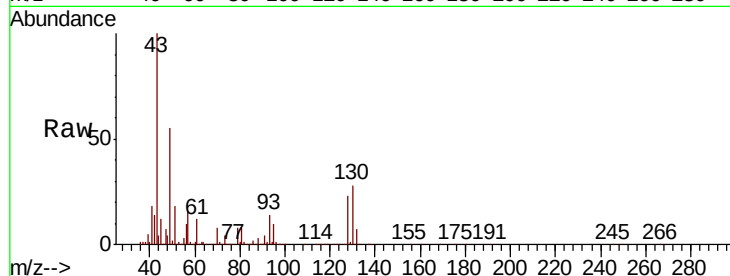
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 891
Delta R.T. 0.01 min
Lab File: VL036394.D
Acq: 25 Feb 2021 23:14

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Tot Ion	Ratio	Lower	Upper
49	100		
128	42.3	20.8	62.5
130	53.5	26.7	80.1

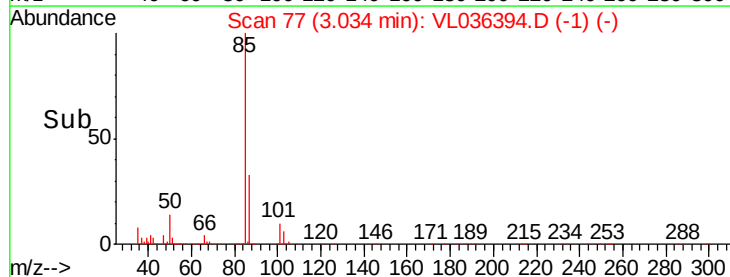
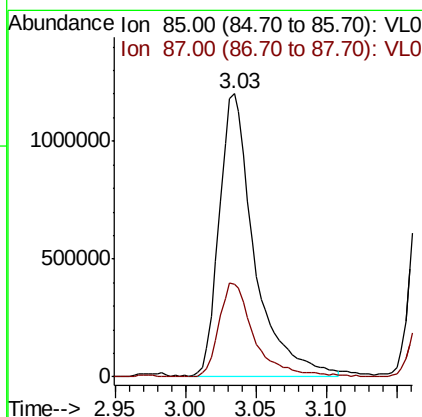
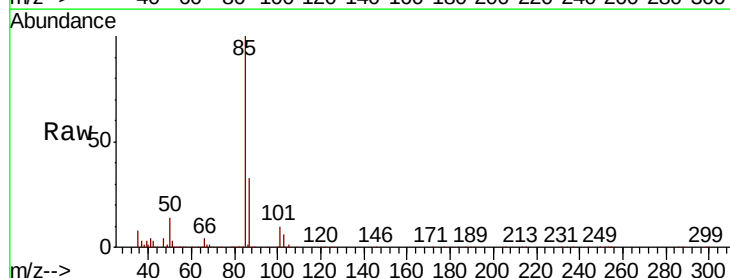
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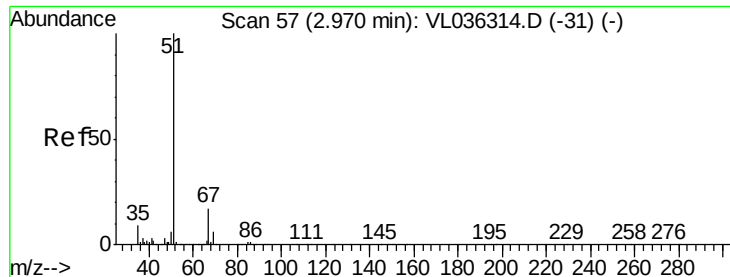
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#2
Dichlorodifluoromethane
Concen: 9.131 ppbv
RT: 3.03 min Scan# 77
Delta R.T. 0.01 min
Lab File: VL036394.D
Acq: 25 Feb 2021 23:14

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.0	26.5	39.7





#3

Chlorodifluoromethane

Concen: 10.250 ppbv

RT: 2.97 min Scan# 58

Delta R.T. 0.00 min

Lab File: VL036394.D

Acq: 25 Feb 2021 23:14

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion: 51 Resp: 1935249

Ion Ratio Lower Upper

51 100

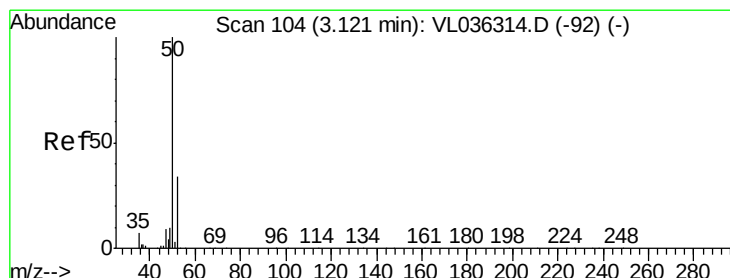
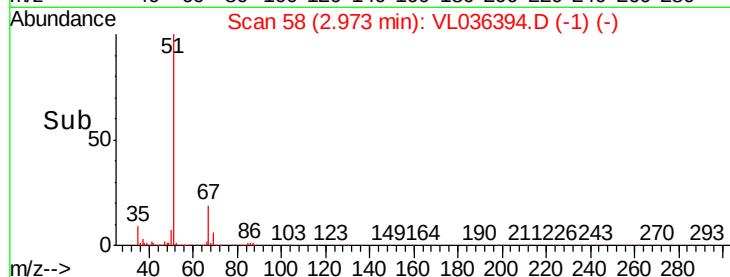
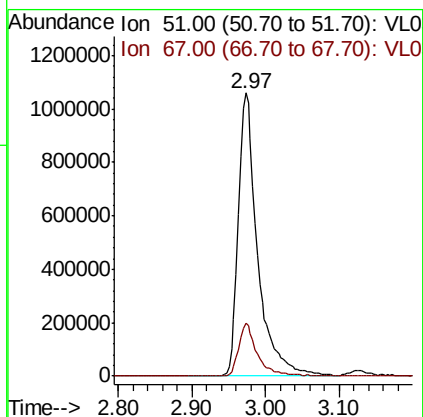
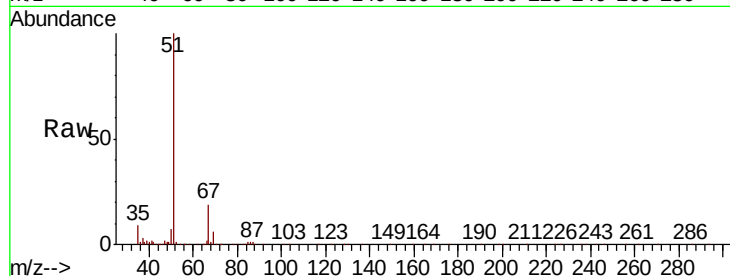
67 18.1 14.7 22.1

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#4

Chloromethane

Concen: 10.637 ppbv

RT: 3.12 min Scan# 105

Delta R.T. 0.00 min

Lab File: VL036394.D

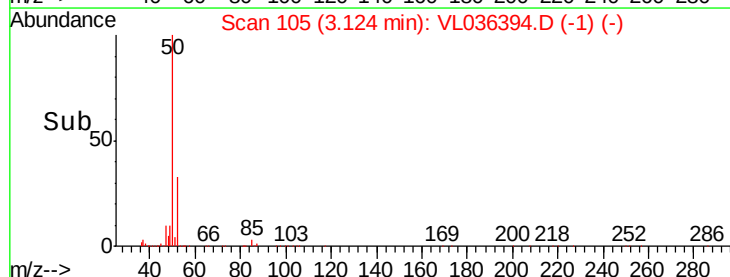
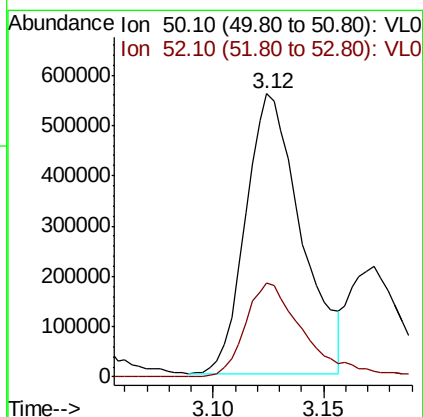
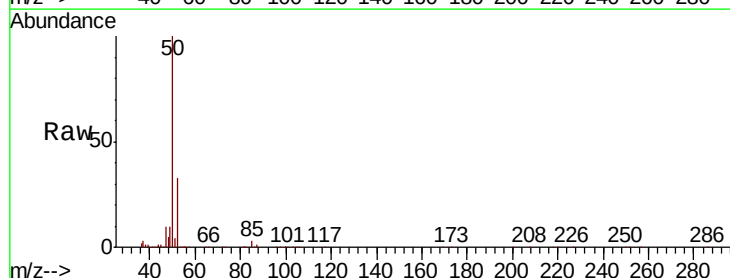
Acq: 25 Feb 2021 23:14

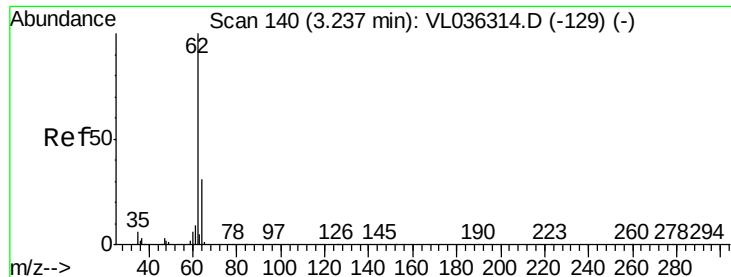
Tgt Ion: 50 Resp: 970270

Ion Ratio Lower Upper

50 100

52 33.6 27.0 40.4





#5

Vinyl Chloride

Concen: 11.168 ppbv

RT: 3.24 min Scan# 142

Delta R.T. 0.01 min

Lab File: VL036394.D

Acq: 25 Feb 2021 23:14

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion: 62 Resp: 948601

Ion Ratio Lower Upper

62 100

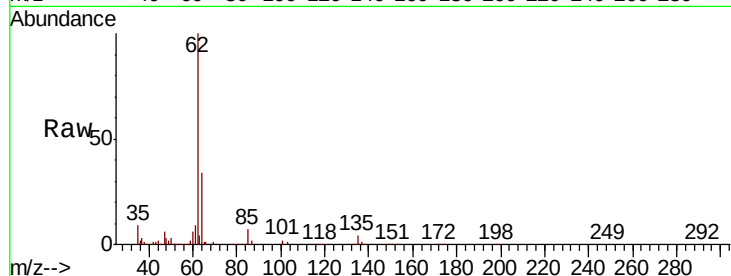
64 33.9 24.4 36.6

Manual Integrations

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Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0

600000

500000

400000

300000

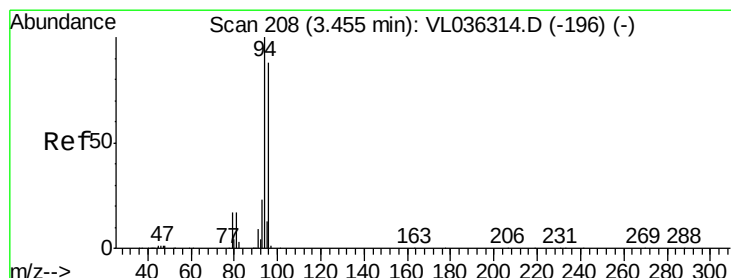
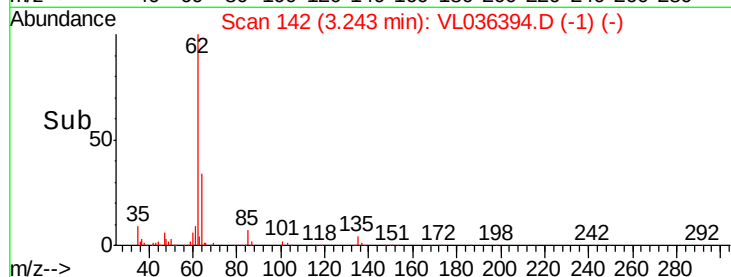
200000

100000

0

3.15 3.20 3.25 3.30 3.35

Time-->



#6

Bromomethane

Concen: 10.666 ppbv

RT: 3.46 min Scan# 208

Delta R.T. 0.00 min

Lab File: VL036394.D

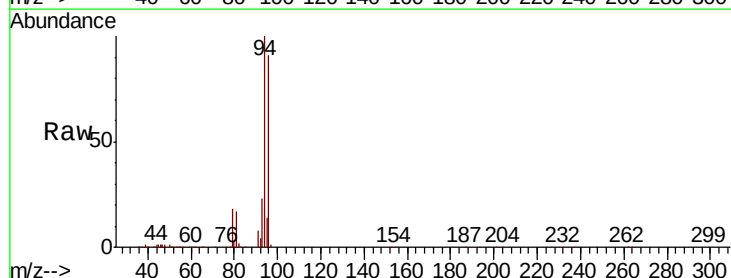
Acq: 25 Feb 2021 23:14

Tgt Ion: 94 Resp: 538474

Ion Ratio Lower Upper

94 100

96 91.3 70.8 106.2



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0

300000

250000

200000

150000

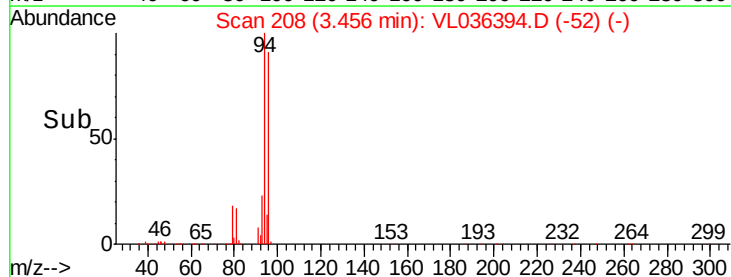
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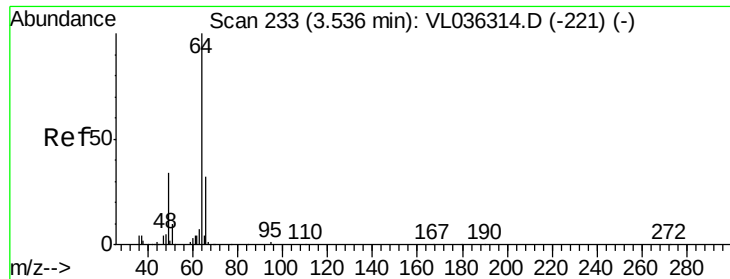
50000

0

3.40 3.45 3.50 3.55

Time-->





#7

Chloroethane

Concen: 11.127 ppbv

RT: 3.54 min Scan# 235

Delta R.T. 0.01 min

Lab File: VL036394.D

Acq: 25 Feb 2021 23:14

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion: 64 Resp: 335591

Ion Ratio Lower Upper

64 100

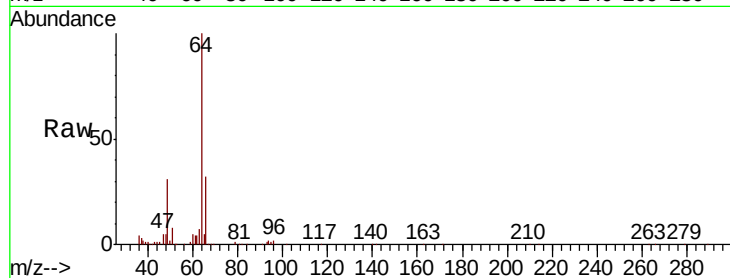
66 32.0 25.6 38.4

Manual Integrations

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3/1/2021 10:03:23 AM



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0

200000

150000

100000

50000

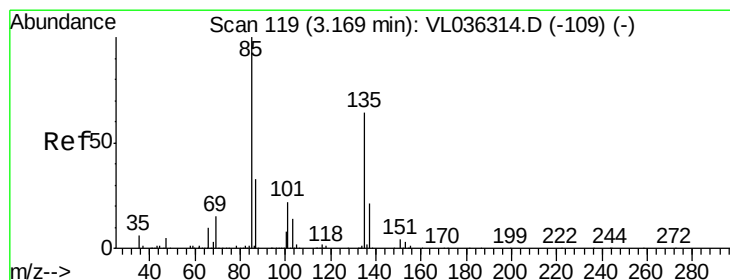
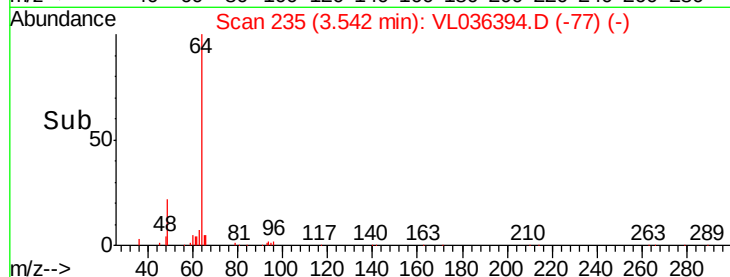
0

3.50

3.54

3.60

Time-->



#8

Dichlorotetrafluoroethane

Concen: 10.409 ppbv

RT: 3.17 min Scan# 120

Delta R.T. 0.00 min

Lab File: VL036394.D

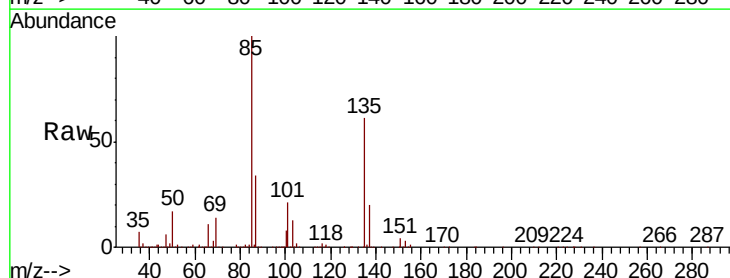
Acq: 25 Feb 2021 23:14

Tgt Ion: 85 Resp: 2146968

Ion Ratio Lower Upper

85 100

135 65.9 51.1 76.7



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V

1500000

1000000

500000

0

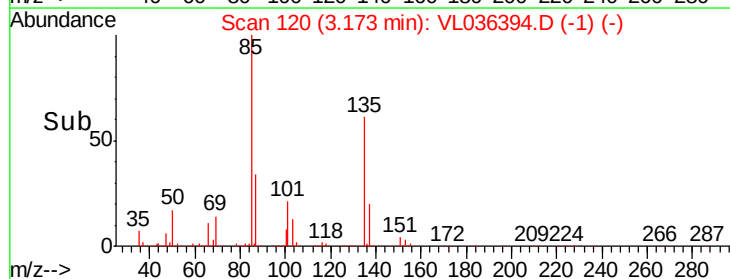
3.10

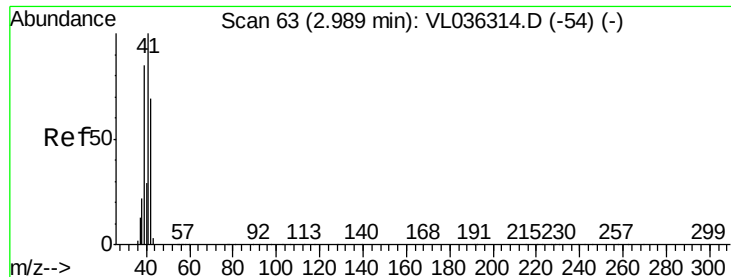
3.17

3.20

3.25

Time-->





#9

Propene

Concen: 12.558 ppbv

RT: 3.00 min Scan# 65

Delta R.T. 0.01 min

Lab File: VL036394.D

Acq: 25 Feb 2021 23:14

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion: 41 Resp: 884016

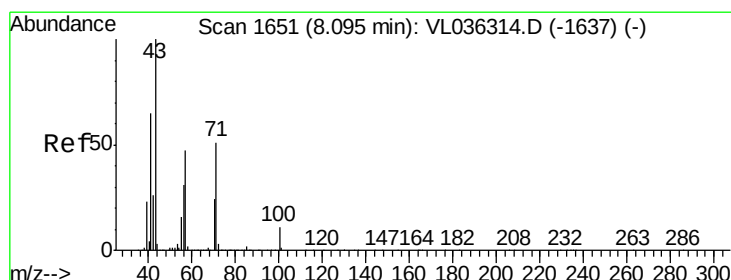
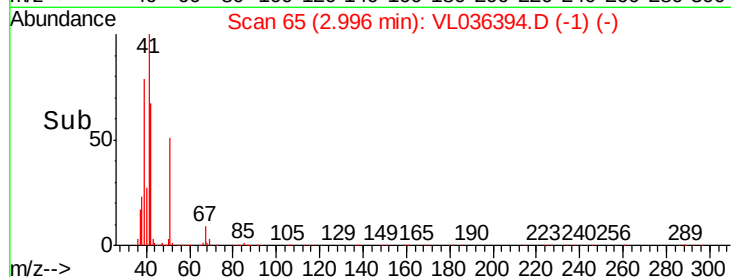
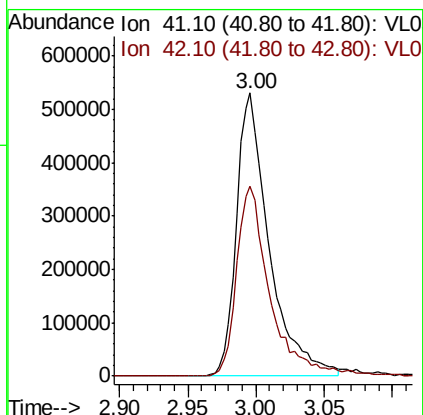
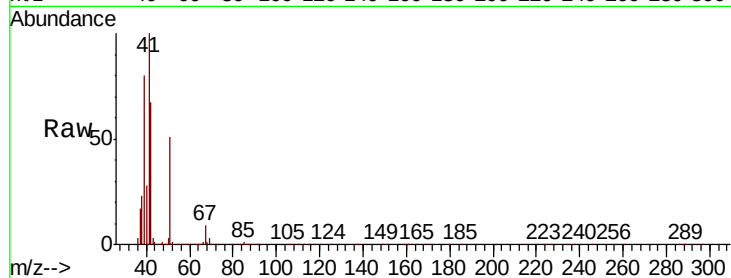
Ion Ratio Lower Upper

41 100

42 69.3 56.2 84.2

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#10

Heptane

Concen: 10.831 ppbv

RT: 8.10 min Scan# 1654

Delta R.T. 0.01 min

Lab File: VL036394.D

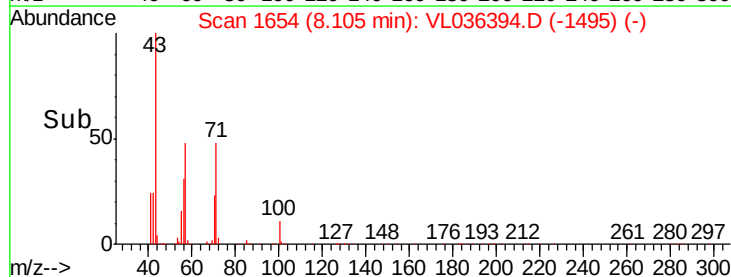
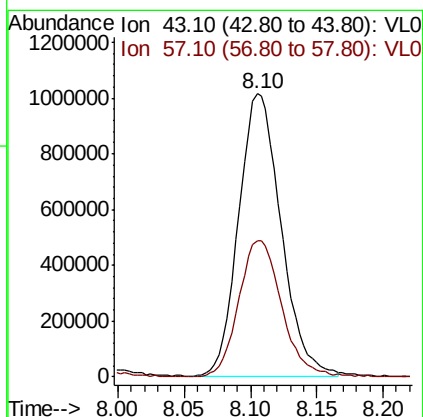
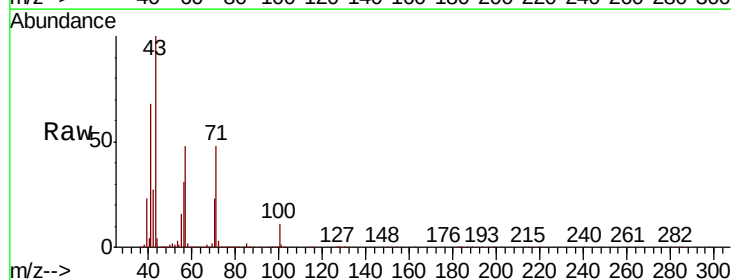
Acq: 25 Feb 2021 23:14

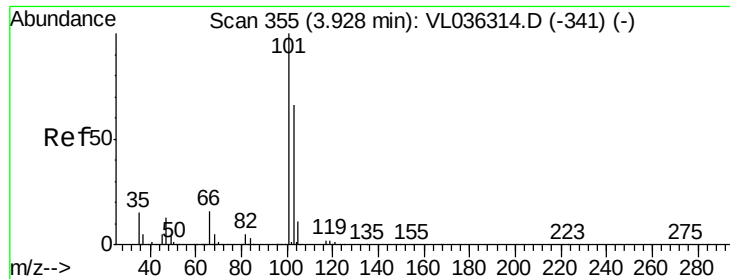
Tgt Ion: 43 Resp: 2247164

Ion Ratio Lower Upper

43 100

57 49.0 39.4 59.2





#11

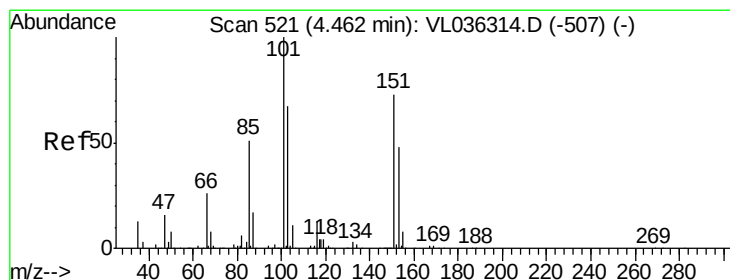
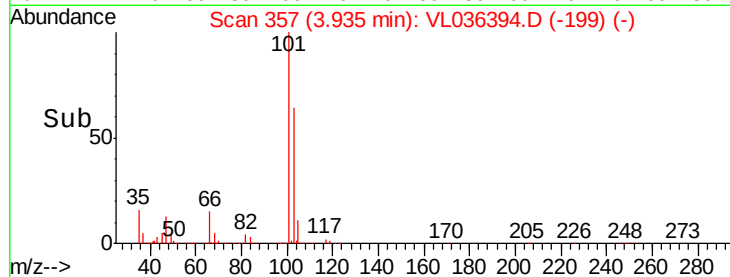
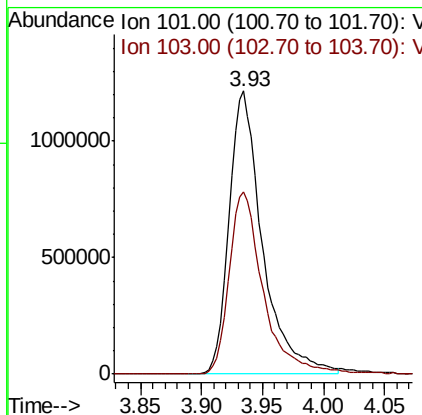
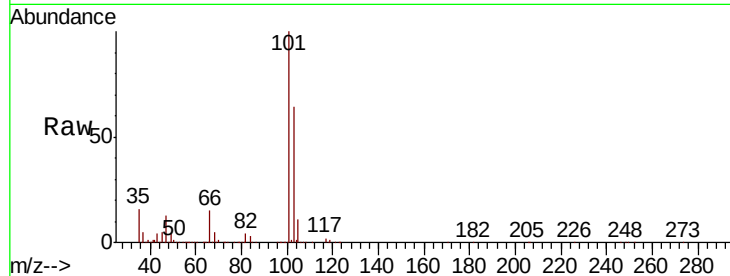
Trichlorofluoromethane
Concen: 10.481 ppbv
RT: 3.93 min Scan# 357
Delta R.T. 0.01 min
Lab File: VL036394.D
Acq: 25 Feb 2021 23:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion:101 Resp: 2327642
Ion Ratio Lower Upper
101 100
103 64.4 52.9 79.3

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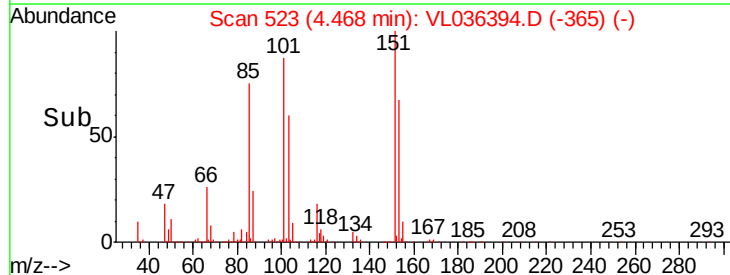
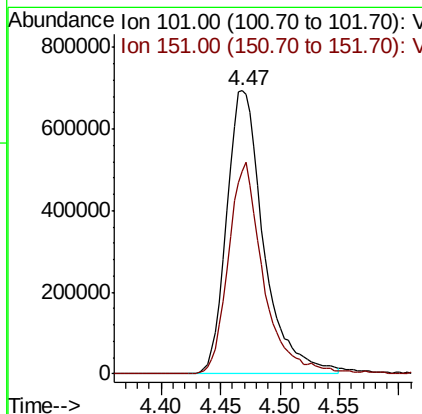
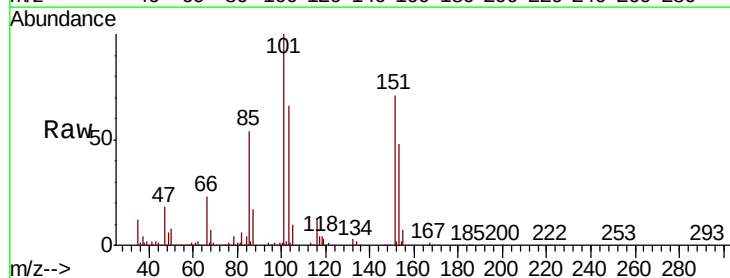
MMDadoda
3/1/2021 10:03:23 AM

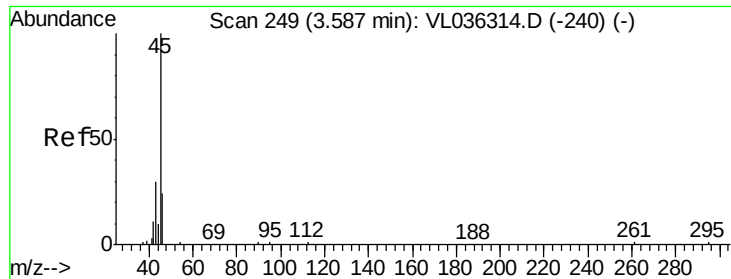


#12

1,1,2-Trichlorotrifluoroethane
Concen: 10.901 ppbv
RT: 4.47 min Scan# 523
Delta R.T. 0.01 min
Lab File: VL036394.D
Acq: 25 Feb 2021 23:14

Tgt Ion:101 Resp: 1499558
Ion Ratio Lower Upper
101 100
151 71.2 58.2 87.4





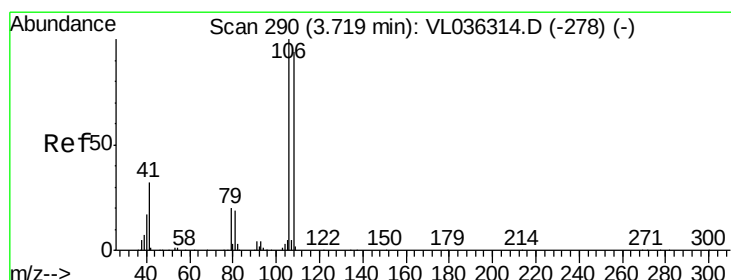
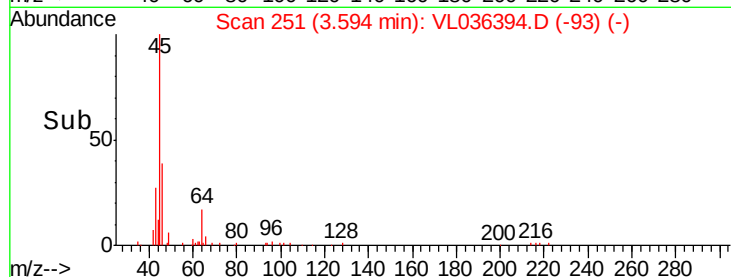
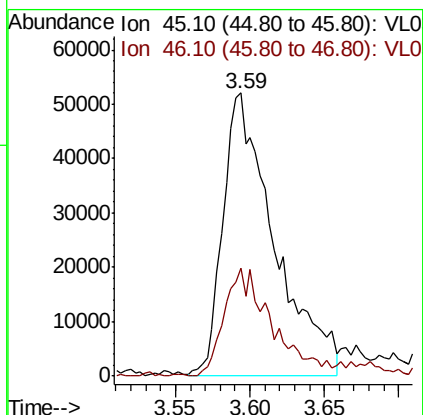
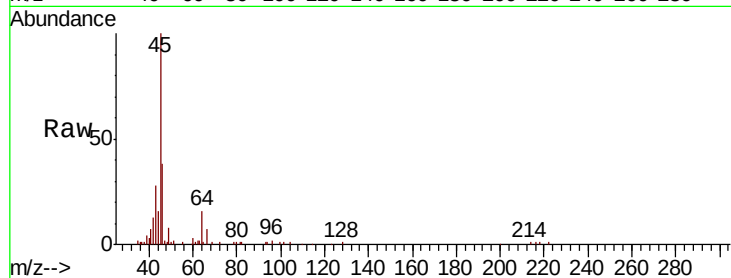
#13
Ethanol
Concen: 9.457 ppbv m
RT: 3.59 min Scan# 251
Delta R.T. 0.01 min
Lab File: VL036394.D
Acq: 25 Feb 2021 23:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion	45	Resp	125044
Ion Ratio	100	Lower	Upper
46	39.5	17.7	70.7

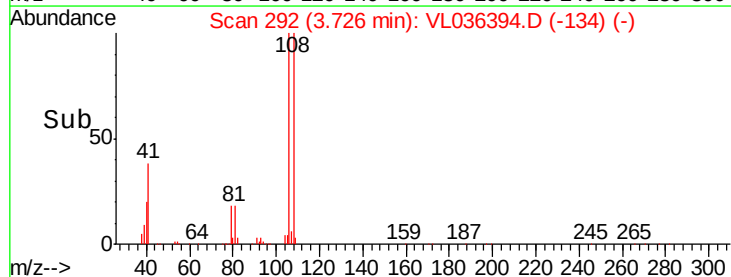
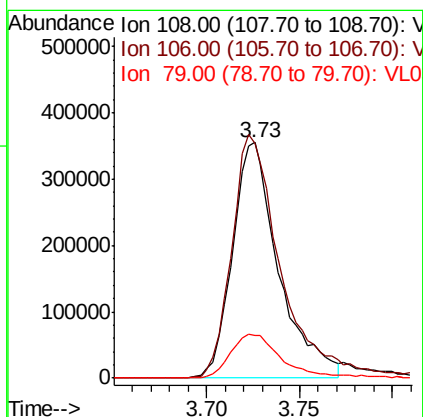
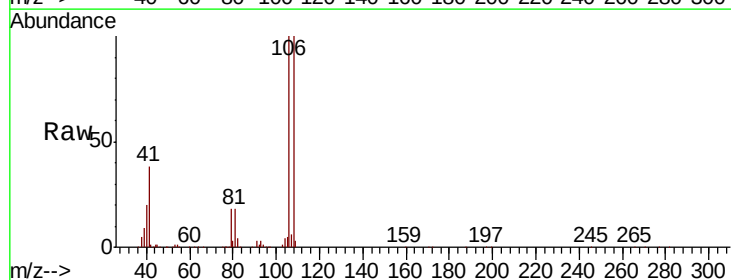
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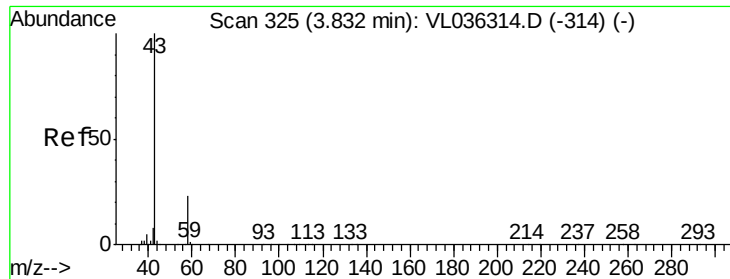
MMDadoda
3/1/2021 10:03:23 AM



#14
Bromoethene
Concen: 10.682 ppbv
RT: 3.73 min Scan# 292
Delta R.T. 0.01 min
Lab File: VL036394.D
Acq: 25 Feb 2021 23:14

Tgt Ion	108	Resp	615041
Ion Ratio	100	Lower	Upper
106	112.6	89.8	134.8
79	21.8	17.1	25.7





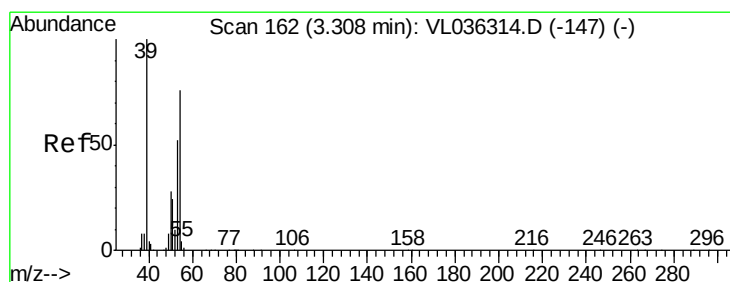
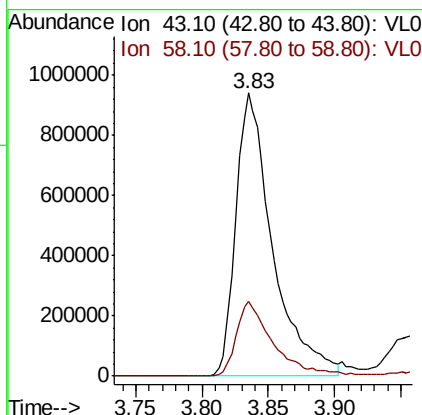
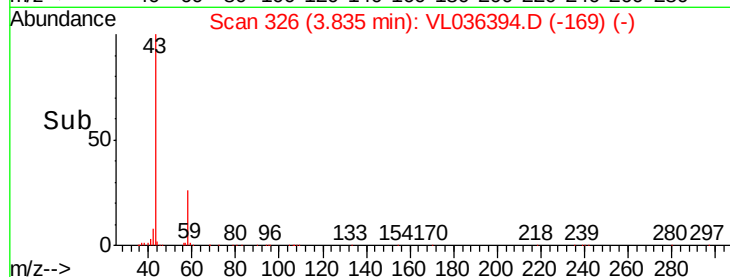
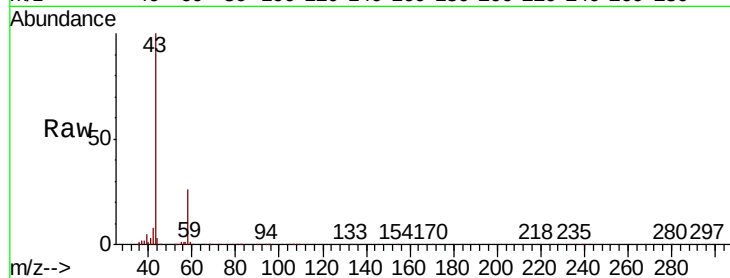
#15
Acetone
Concen: 9.767 ppbv
RT: 3.83 min Scan# 326
Delta R.T. 0.00 min
Lab File: VL036394.D
Acq: 25 Feb 2021 23:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion: 43 Resp: 1814201
Ion Ratio Lower Upper
43 100
58 26.7 20.3 30.5

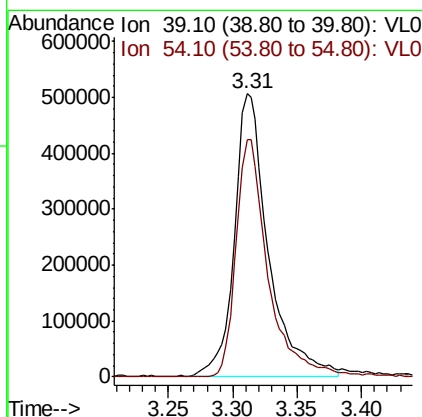
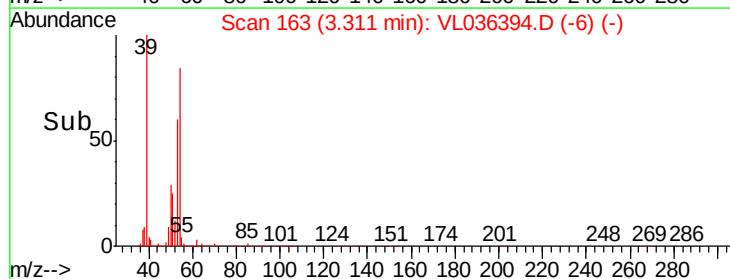
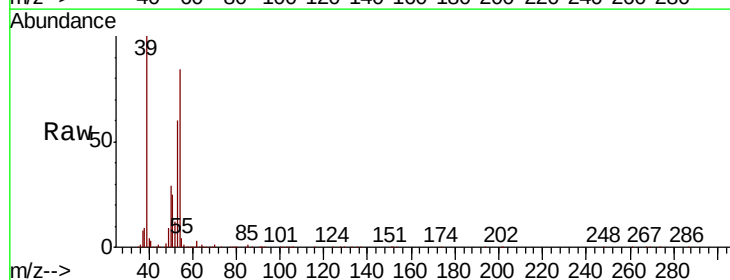
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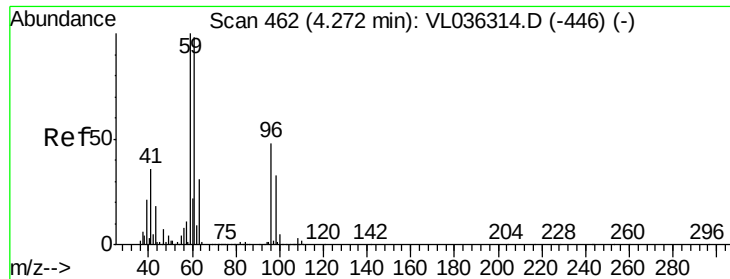
MMDadoda
3/1/2021 10:03:23 AM



#16
1,3-Butadiene
Concen: 10.407 ppbv
RT: 3.31 min Scan# 163
Delta R.T. 0.00 min
Lab File: VL036394.D
Acq: 25 Feb 2021 23:14

Tgt Ion: 39 Resp: 924363
Ion Ratio Lower Upper
39 100
54 80.5 64.4 96.6





#17

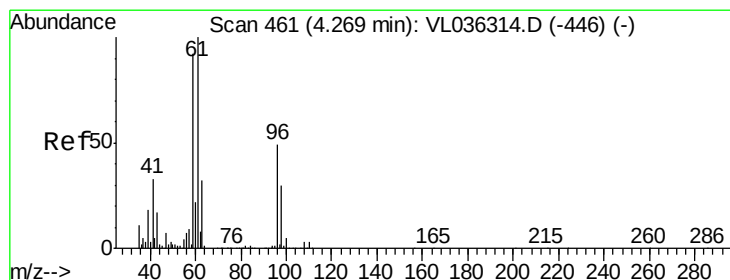
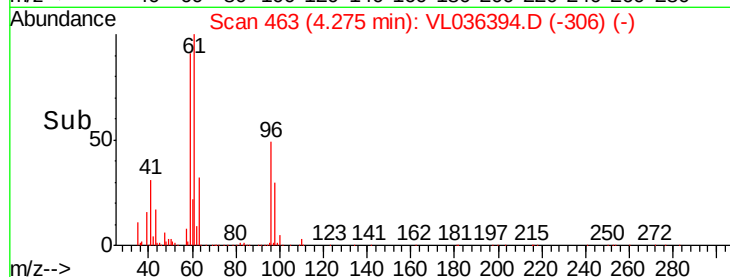
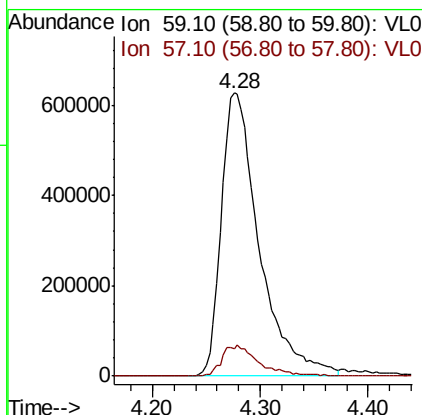
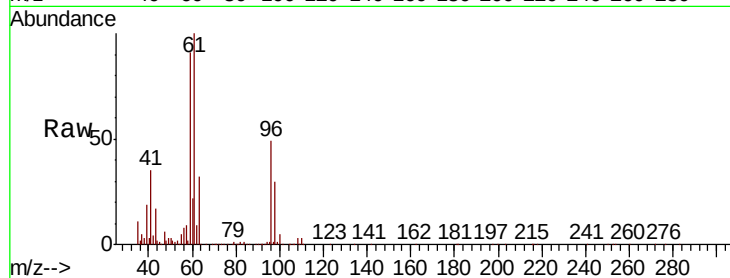
tert-Butyl alcohol
Concen: 10.644 ppbv
RT: 4.28 min Scan# 463
Delta R.T. 0.00 min
Lab File: VL036394.D
Acq: 25 Feb 2021 23:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion: 59 Resp: 1534716
Ion Ratio Lower Upper
59 100
57 10.6 9.0 13.4

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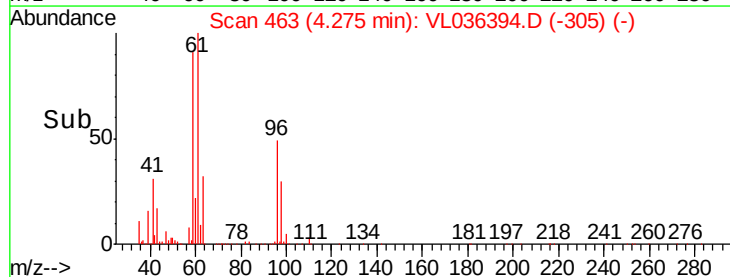
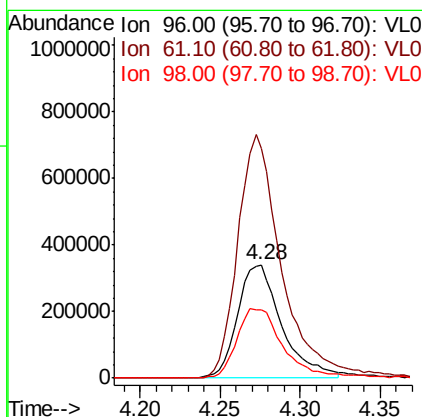
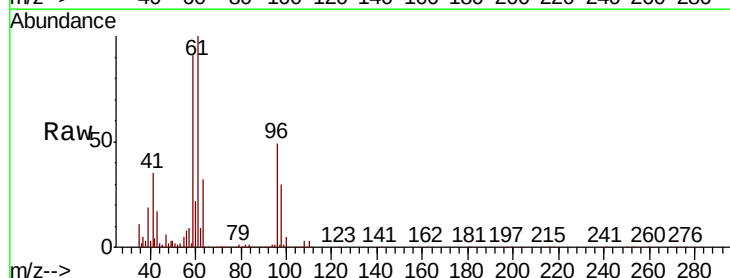
MMDadoda
3/1/2021 10:03:23 AM

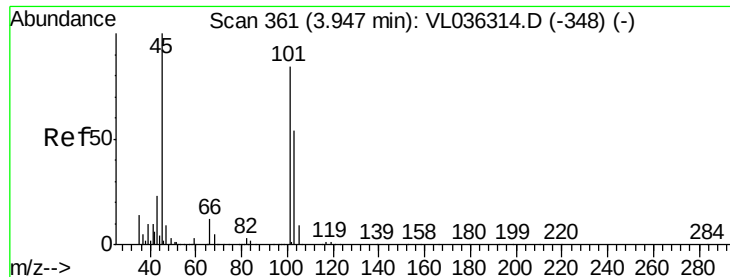


#18

1,1-Dichloroethene
Concen: 10.223 ppbv
RT: 4.28 min Scan# 463
Delta R.T. 0.01 min
Lab File: VL036394.D
Acq: 25 Feb 2021 23:14

Tgt Ion: 96 Resp: 639098
Ion Ratio Lower Upper
96 100
61 202.8 162.5 243.7
98 60.6 48.5 72.7





#19

Isopropyl Alcohol

Concen: 9.579 ppbv

RT: 3.95 min Scan# 363

Delta R.T. 0.01 min

Lab File: VL036394.D

Acq: 25 Feb 2021 23:14

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion: 45 Resp: 985790

Ion Ratio Lower Upper

45 100

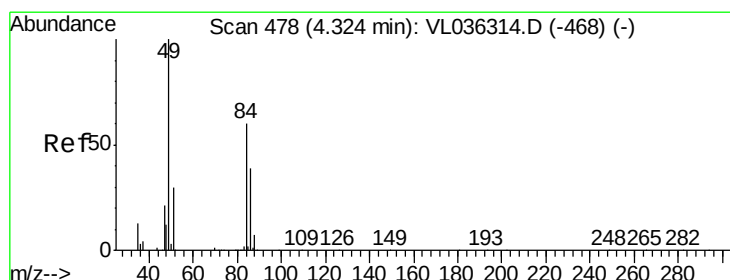
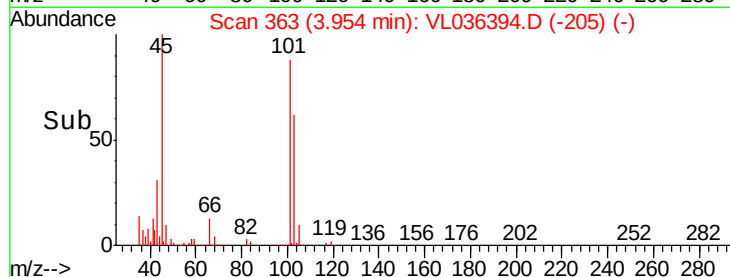
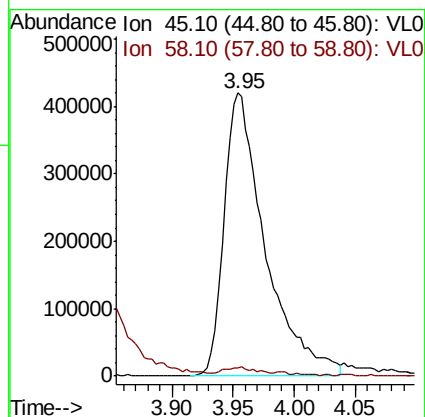
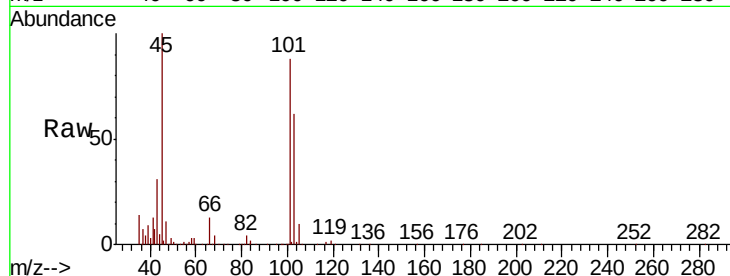
58 3.0 1.9 2.9#

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#20

Methylene Chloride

Concen: 9.360 ppbv

RT: 4.33 min Scan# 479

Delta R.T. 0.00 min

Lab File: VL036394.D

Acq: 25 Feb 2021 23:14

Tgt Ion: 84 Resp: 560936

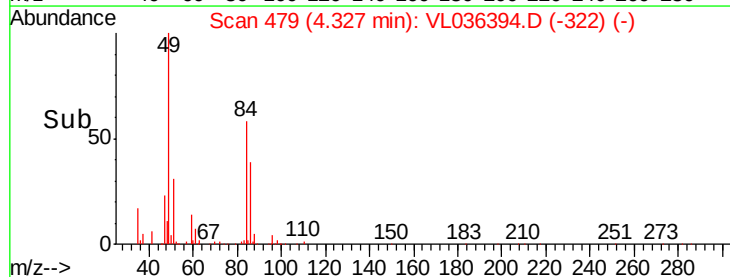
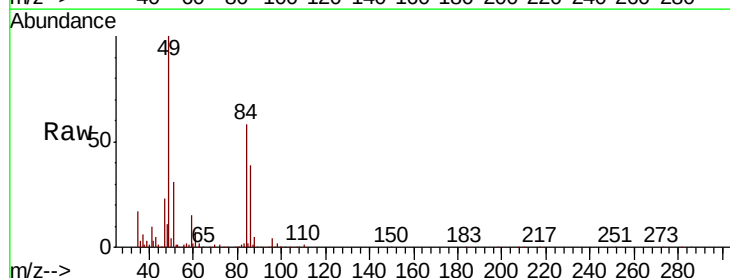
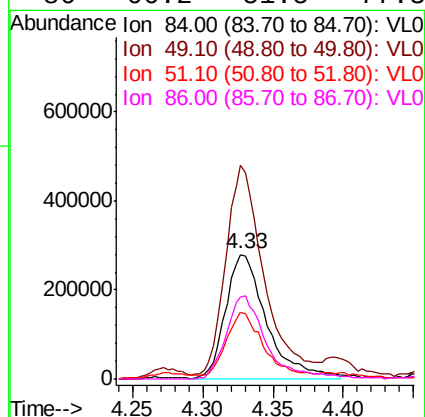
Ion Ratio Lower Upper

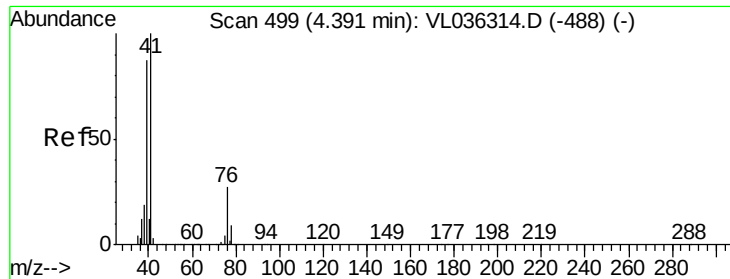
84 100

49 168.5 133.8 200.8

51 50.5 41.4 62.0

86 66.2 51.5 77.3





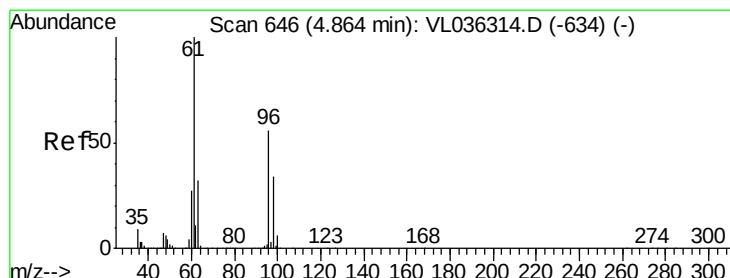
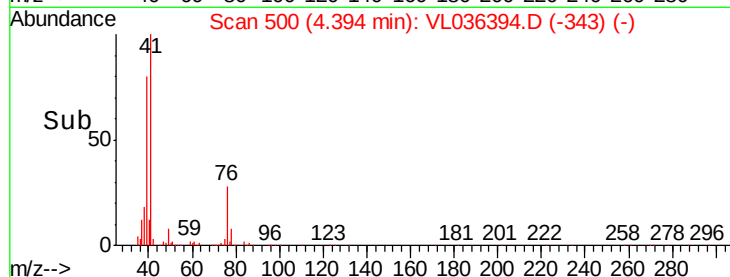
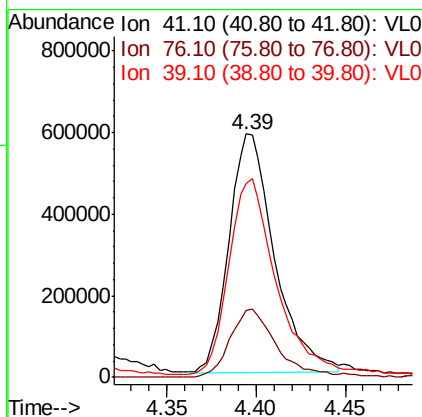
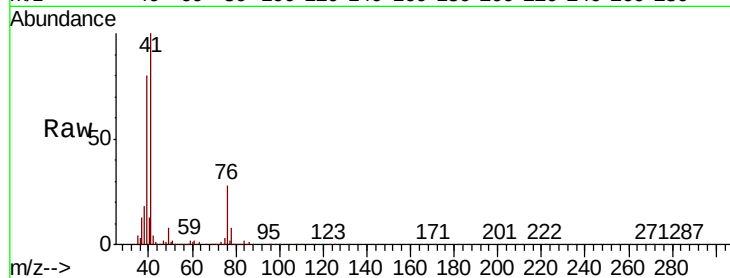
#21
 Allvl Chloride
 Concen: 10.094 ppbv
 RT: 4.39 min Scan# 500
 Delta R.T. 0.00 min
 Lab File: VL036394.D
 Acq: 25 Feb 2021 23:14

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
41	100		
76	29.9	22.0	33.0
39	88.6	70.2	105.2

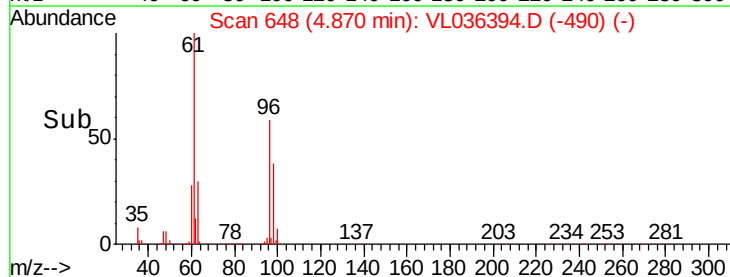
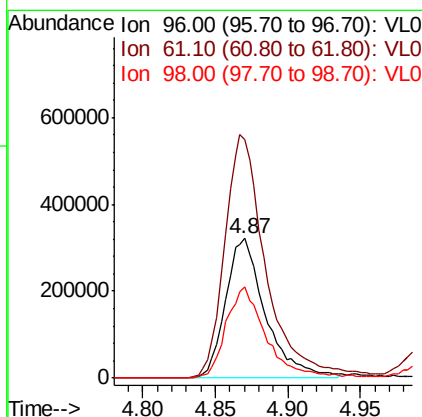
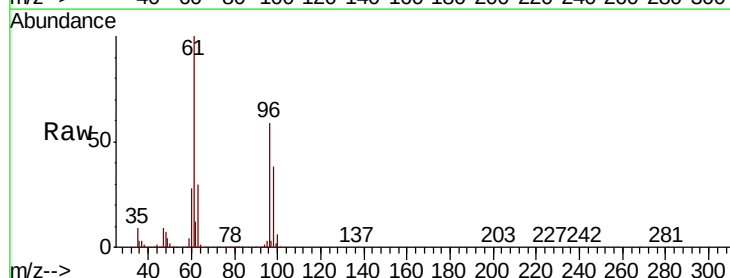
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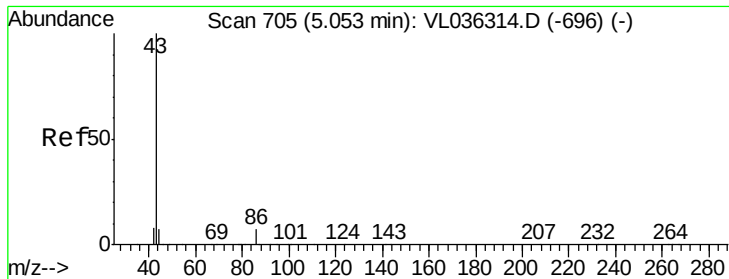
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#22
 trans-1,2-Dichloroethene
 Concen: 10.832 ppbv
 RT: 4.87 min Scan# 648
 Delta R.T. 0.01 min
 Lab File: VL036394.D
 Acq: 25 Feb 2021 23:14

Tgt Ion	Ratio	Lower	Upper
96	100		
61	170.4	143.7	215.5
98	65.3	48.5	72.7





#23

Vinyl Acetate

Concen: 10.705 ppbv

RT: 5.06 min Scan# 707

Delta R.T. 0.01 min

Lab File: VL036394.D

Acq: 25 Feb 2021 23:14

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion: 43 Resp: 2337966

Ion Ratio Lower Upper

43 100

86 6.3 4.8 7.2

42 10.1 7.4 11.0

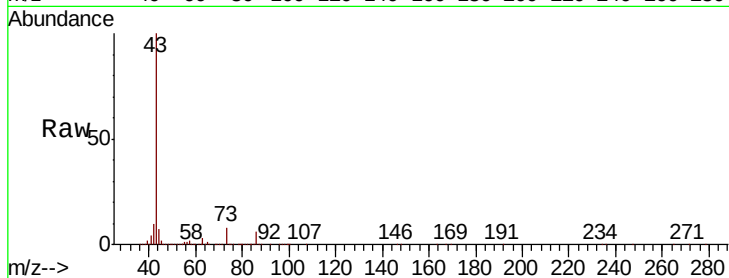
44 6.2 4.8 7.2

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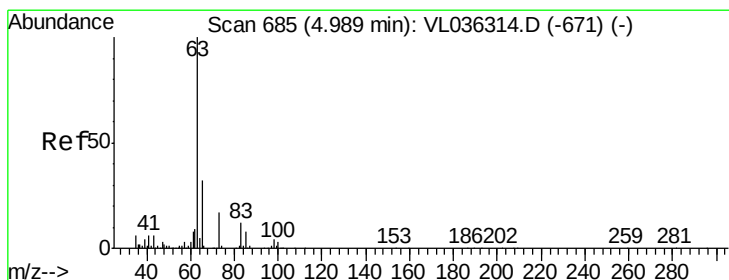
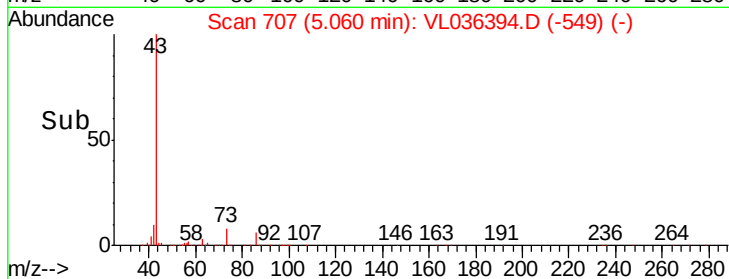
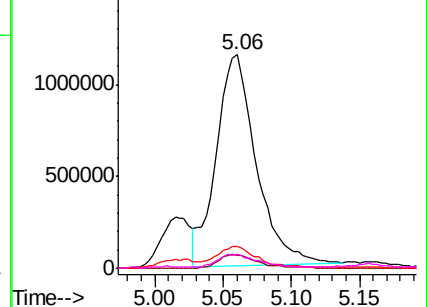


Abundance Ion 43.10 (42.80 to 43.80): VL0

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: 10.485 ppbv

RT: 5.00 min Scan# 687

Delta R.T. 0.01 min

Lab File: VL036394.D

Acq: 25 Feb 2021 23:14

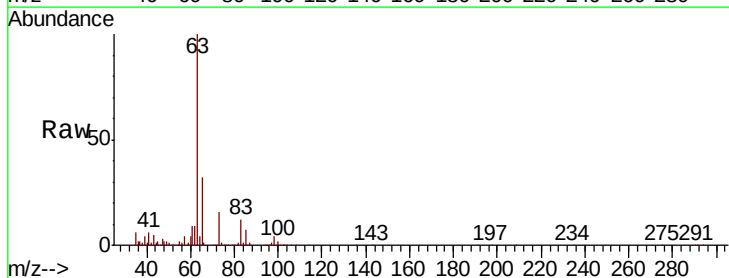
Tgt Ion: 63 Resp: 1693572

Ion Ratio Lower Upper

63 100

98 3.8 2.0 6.0

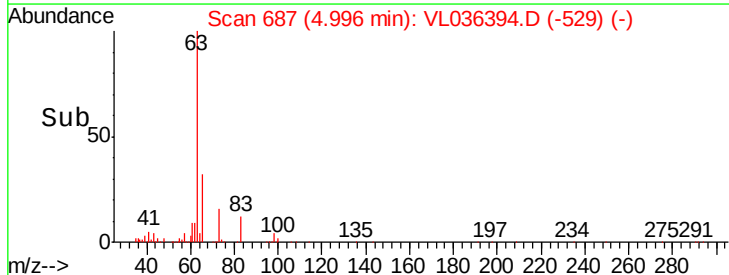
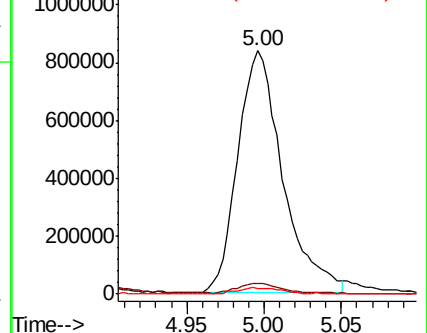
100 2.4 1.5 4.4

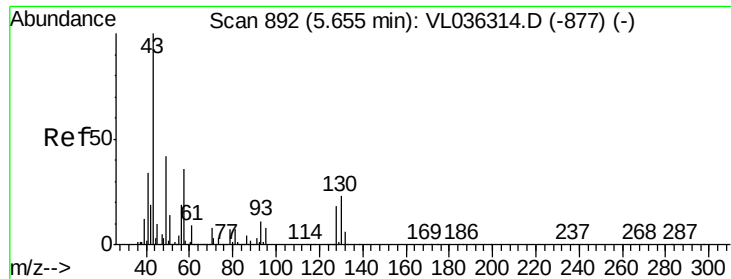


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

Ion 100.00 (99.70 to 100.70): VL0





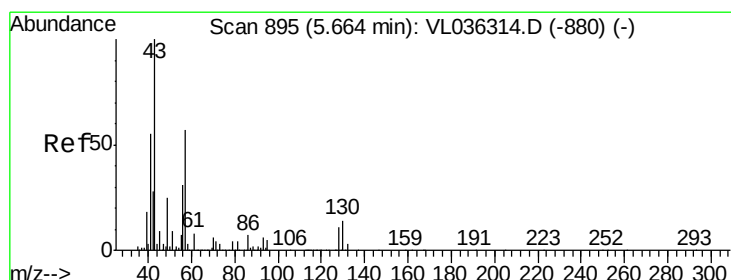
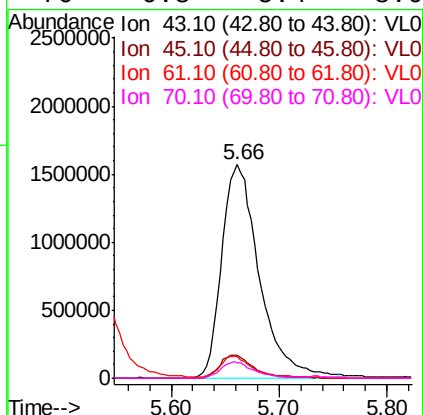
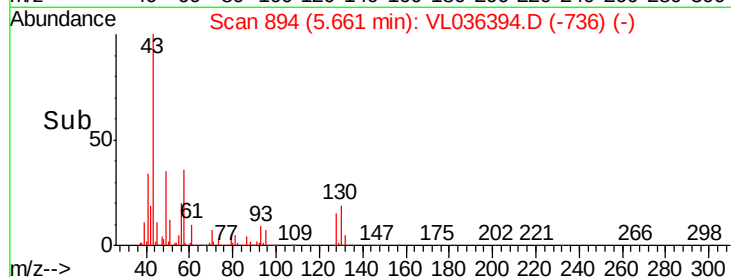
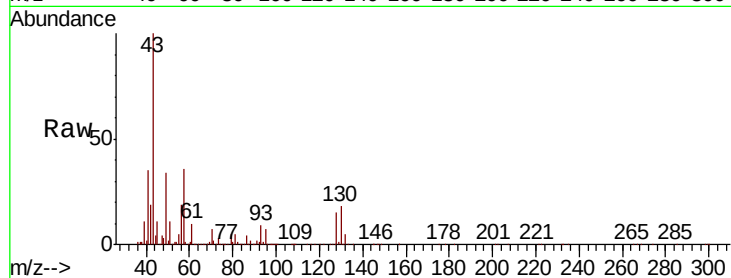
#25
Ethyl Acetate
Concen: 10.545 ppbv
RT: 5.66 min Scan# 894
Delta R.T. 0.01 min
Lab File: VL036394.D
Acq: 25 Feb 2021 23:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
43	100		
45	10.3	8.3	12.5
61	9.5	7.3	10.9
70	6.8	5.4	8.0

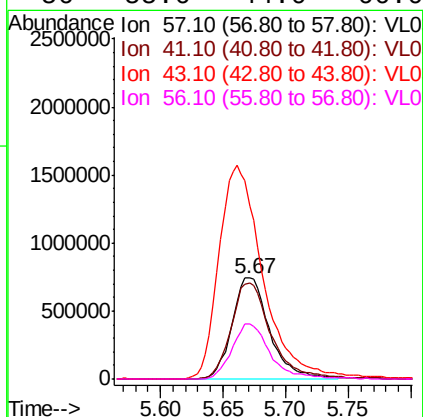
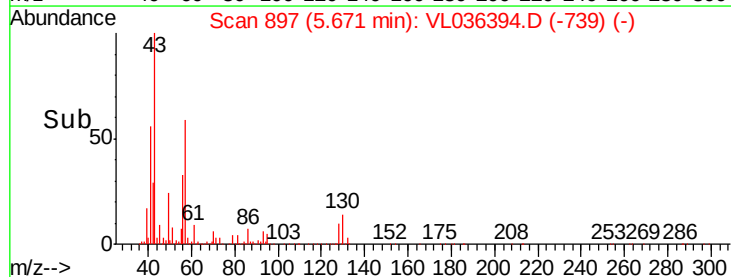
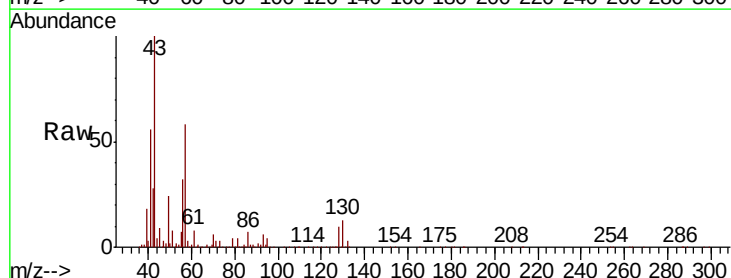
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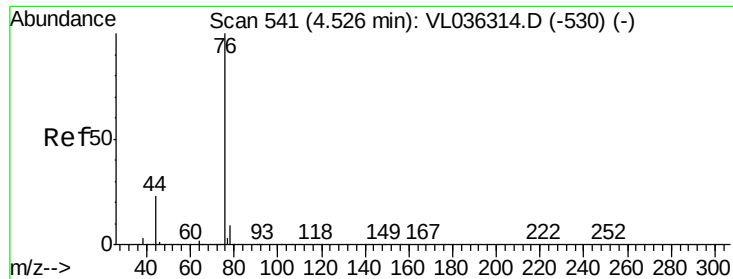
MMDadoda
3/1/2021 10:03:23 AM



#26
Hexane
Concen: 10.513 ppbv
RT: 5.67 min Scan# 897
Delta R.T. 0.01 min
Lab File: VL036394.D
Acq: 25 Feb 2021 23:14

Tgt Ion	Ratio	Lower	Upper
57	100		
41	101.1	81.7	122.5
43	248.0	199.1	298.7
56	55.6	44.0	66.0





#27

Carbon Disulfide

Concen: 12.103 ppbv

RT: 4.53 min Scan# 543

Delta R.T. 0.01 min

Lab File: VL036394.D

Acq: 25 Feb 2021 23:14

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion: 76 Resp: 1638901

Ion Ratio Lower Upper

76 100

44 21.9 18.4 27.6

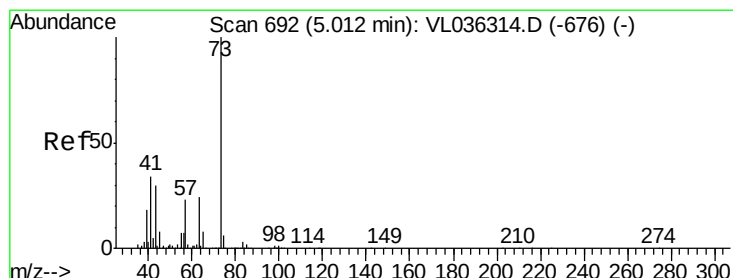
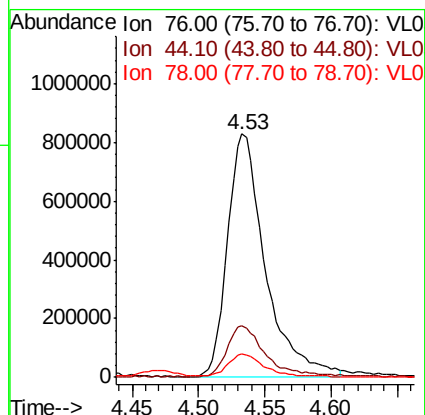
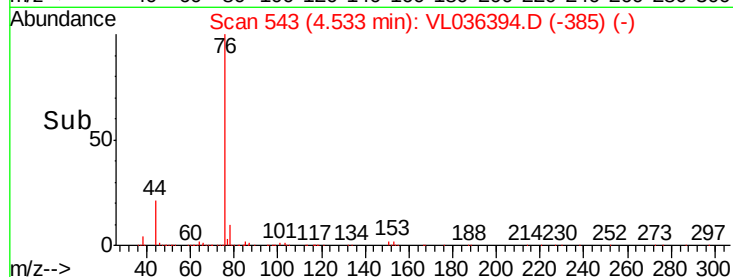
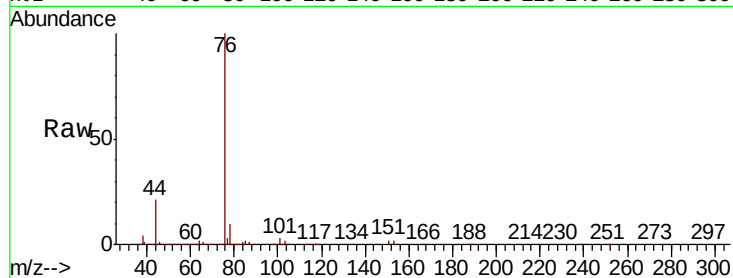
78 9.6 8.0 12.0

Manual Integrations

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#28

Methyl tert-Butyl Ether

Concen: 10.748 ppbv

RT: 5.01 min Scan# 693

Delta R.T. 0.00 min

Lab File: VL036394.D

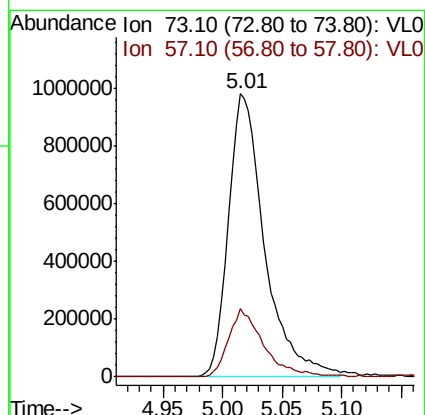
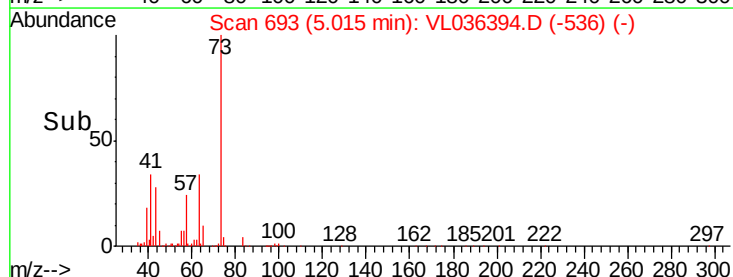
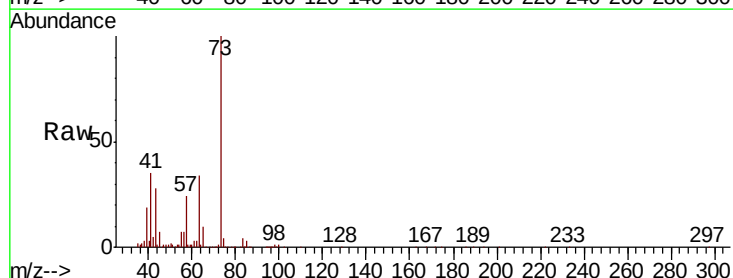
Acq: 25 Feb 2021 23:14

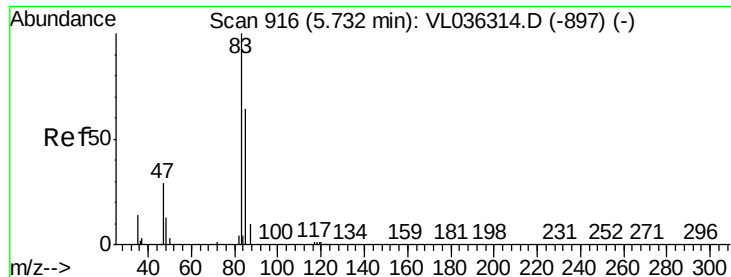
Tgt Ion: 73 Resp: 2068712

Ion Ratio Lower Upper

73 100

57 23.5 19.2 28.8





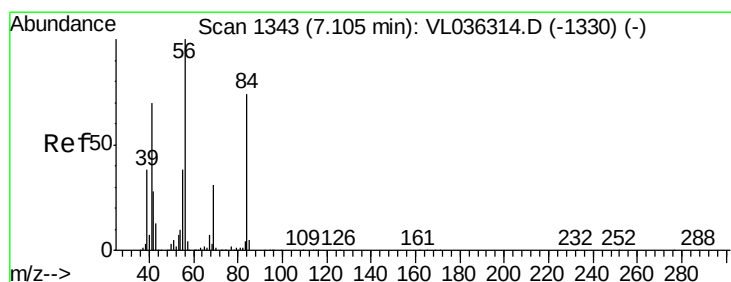
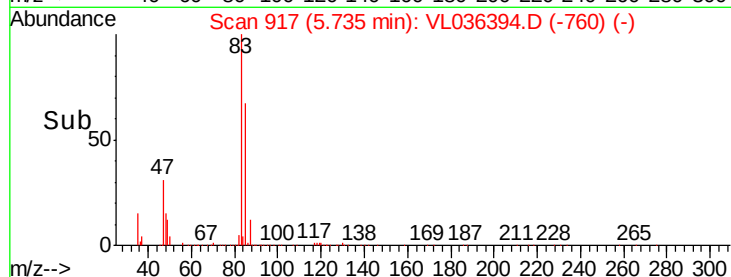
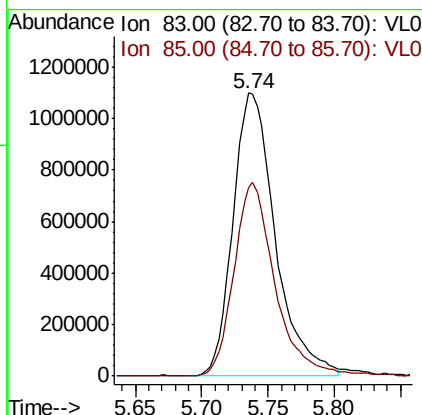
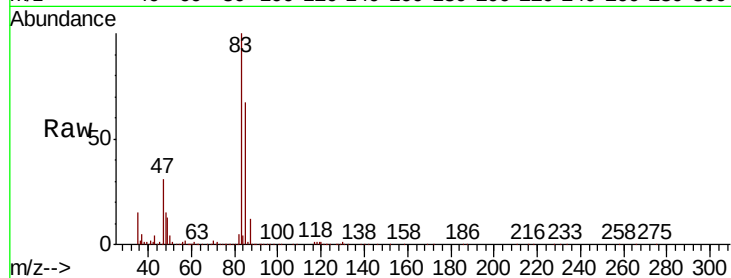
#29
Chloroform
Concen: 10.264 ppbv
RT: 5.74 min Scan# 917
Delta R.T. 0.00 min
Lab File: VL036394.D
Acq: 25 Feb 2021 23:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion: 83 Resp: 2436480
Ion Ratio Lower Upper
83 100
85 66.6 51.4 77.2

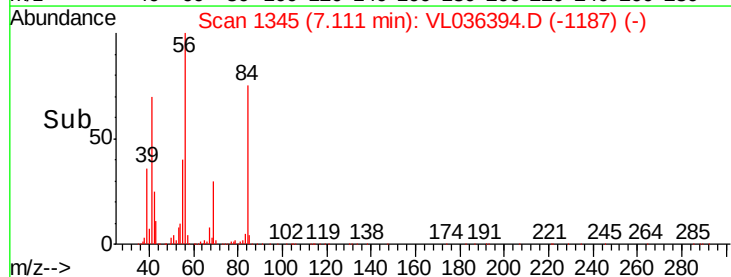
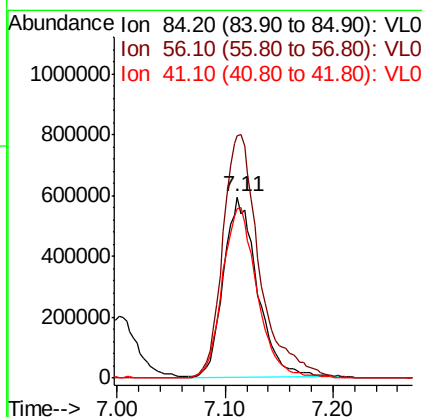
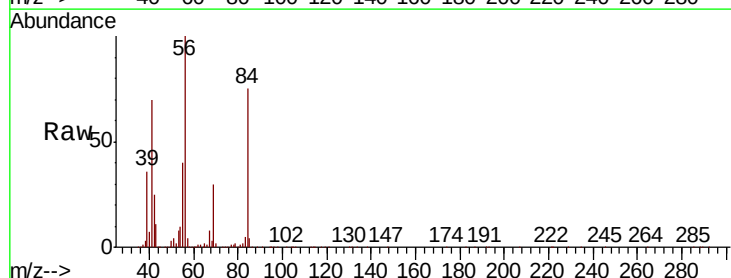
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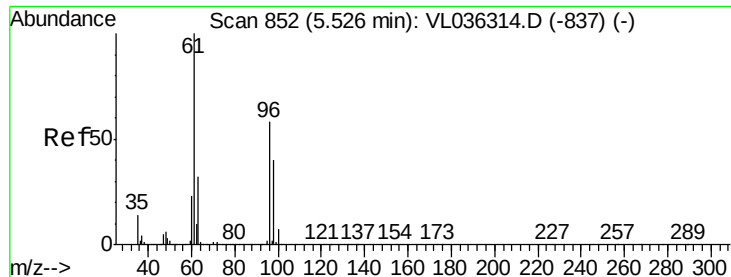
MMDadoda
3/1/2021 10:03:23 AM



#30
Cyclohexane
Concen: 10.521 ppbv
RT: 7.11 min Scan# 1345
Delta R.T. 0.01 min
Lab File: VL036394.D
Acq: 25 Feb 2021 23:14

Tgt Ion: 84 Resp: 1289167
Ion Ratio Lower Upper
84 100
56 148.3 120.2 180.4
41 98.1 79.7 119.5





#31

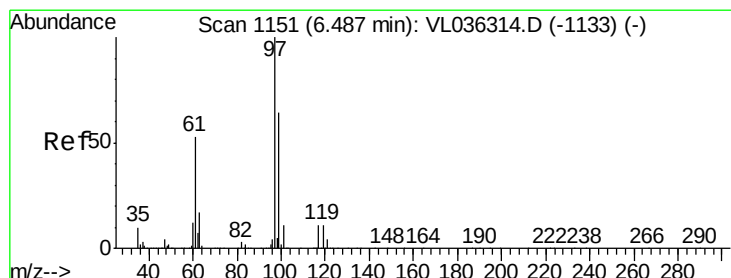
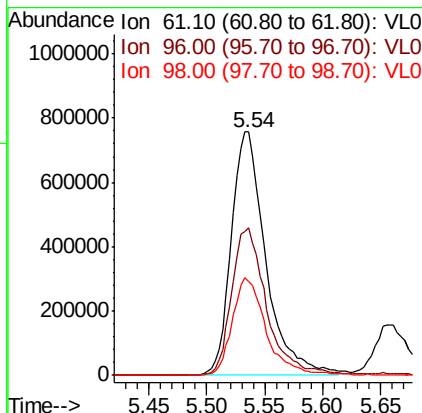
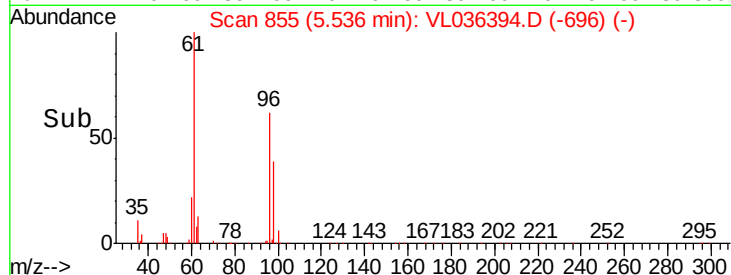
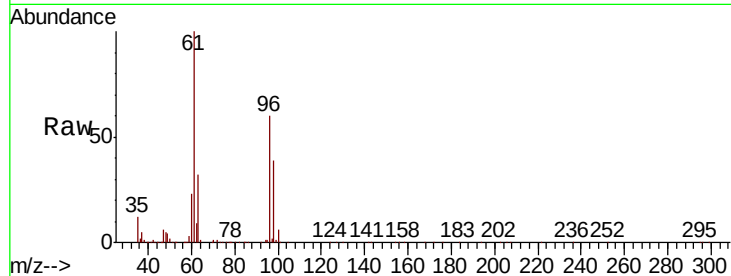
cis-1,2-Dichloroethene
Concen: 10.710 ppbv
RT: 5.54 min Scan# 855
Delta R.T. 0.01 min
Lab File: VL036394.D
Acq: 25 Feb 2021 23:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
61	100		
96	60.3	46.0	69.0
98	38.7	31.9	47.9

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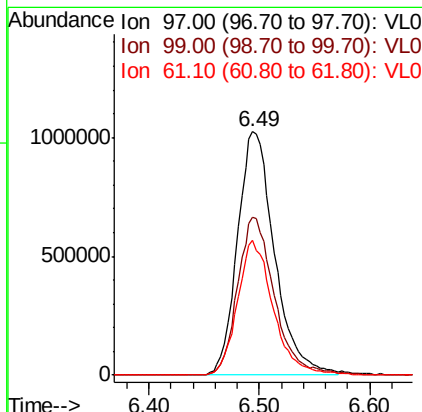
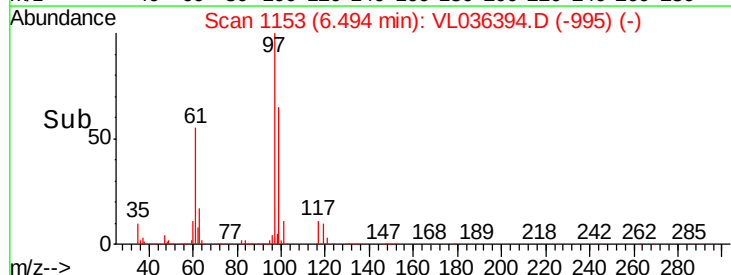
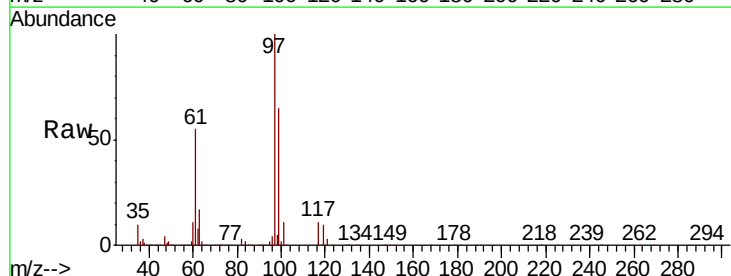
MMDadoda
3/1/2021 10:03:23 AM

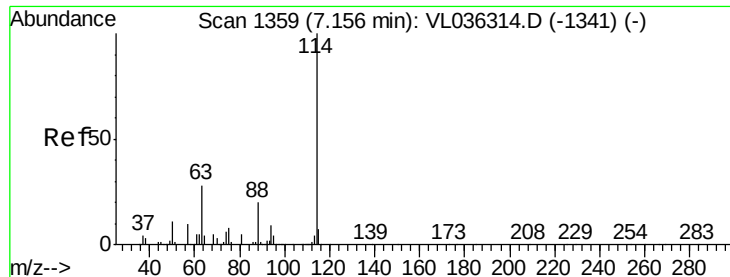


#32

1,1,1-Trichloroethane
Concen: 10.762 ppbv
RT: 6.49 min Scan# 1153
Delta R.T. 0.01 min
Lab File: VL036394.D
Acq: 25 Feb 2021 23:14

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	52.2	78.4
61	53.5	43.3	64.9





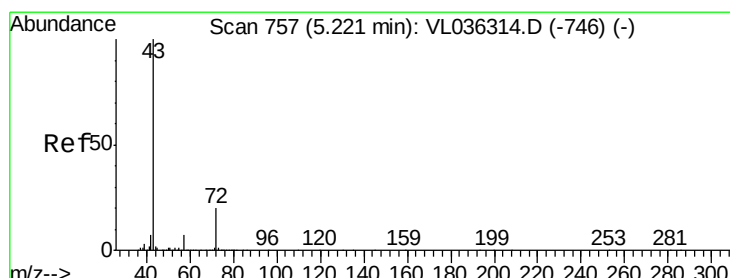
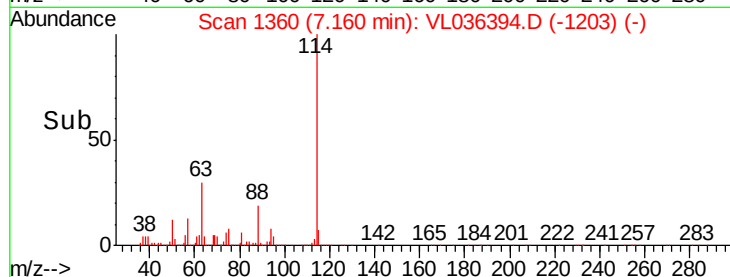
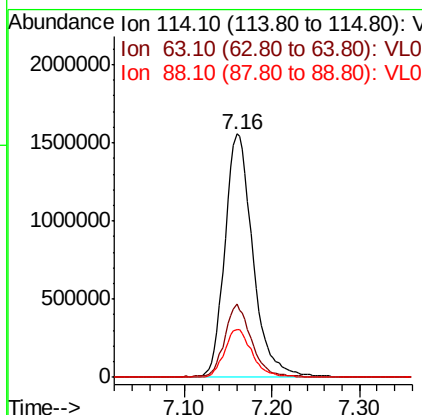
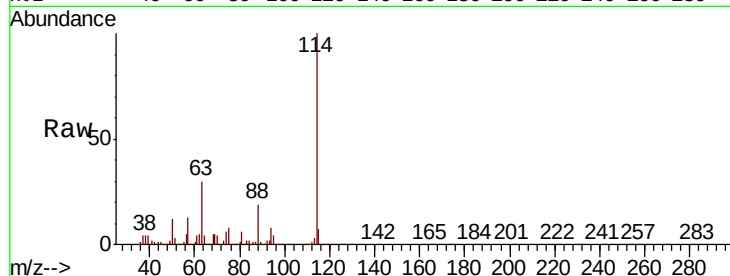
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16 min Scan# 1360
 Delta R.T. 0.00 min
 Lab File: VL036394.D
 Acq: 25 Feb 2021 23:14

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
114	100		
63	29.2	24.1	36.1
88	19.7	16.0	24.0

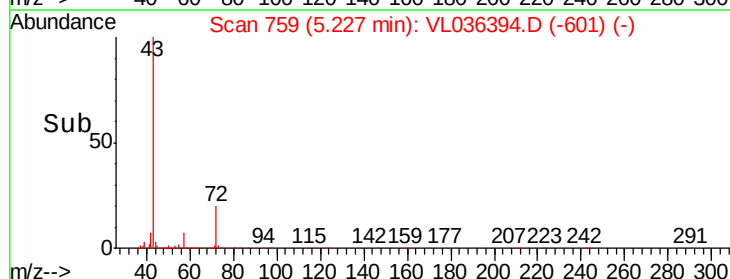
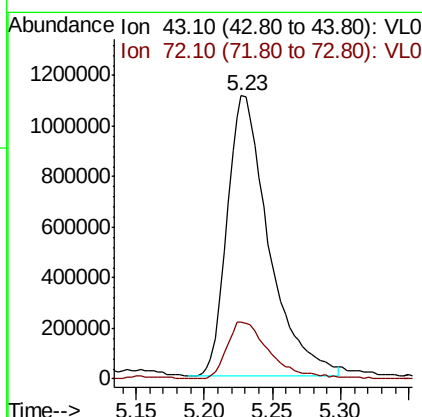
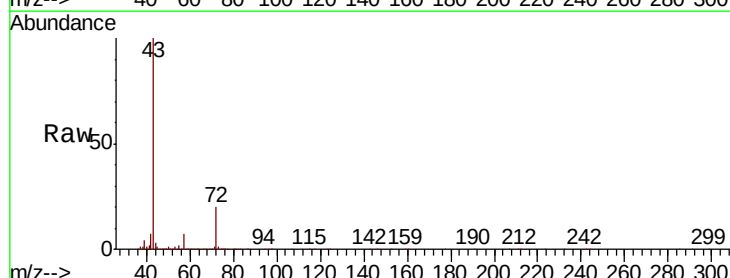
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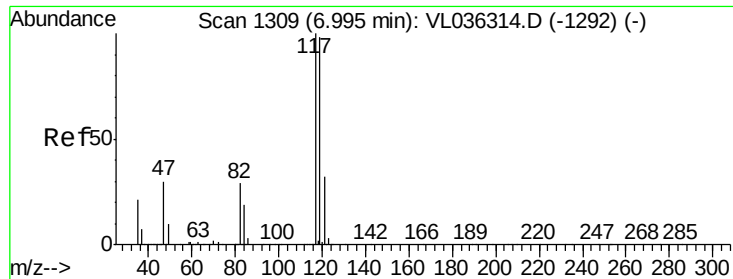
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#34
 2-Butanone
 Concen: 10.259 ppbv
 RT: 5.23 min Scan# 759
 Delta R.T. 0.01 min
 Lab File: VL036394.D
 Acq: 25 Feb 2021 23:14

Tgt Ion	Ratio	Lower	Upper
43	100		
72	21.4	16.7	25.1





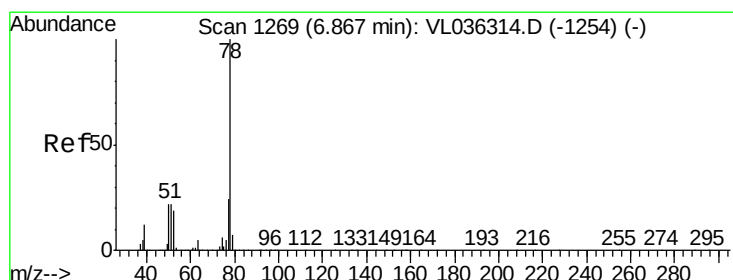
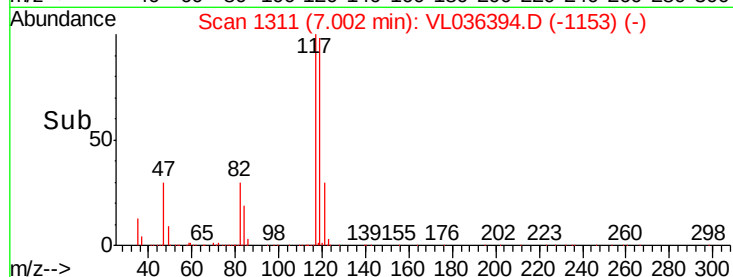
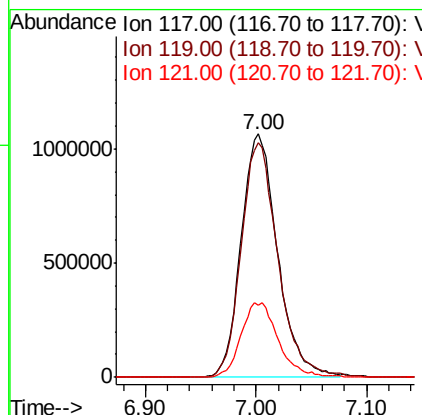
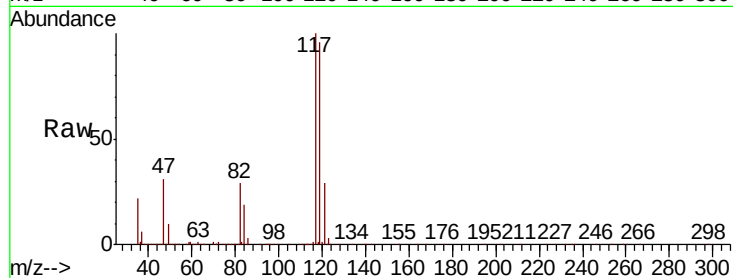
#35
Carbon Tetrachloride
Concen: 10.494 ppbv
RT: 7.00 min Scan# 1311
Delta R.T. 0.01 min
Lab File: VL036394.D
Acq: 25 Feb 2021 23:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
117	100		
119	96.5	78.1	117.1
121	29.4	25.8	38.8

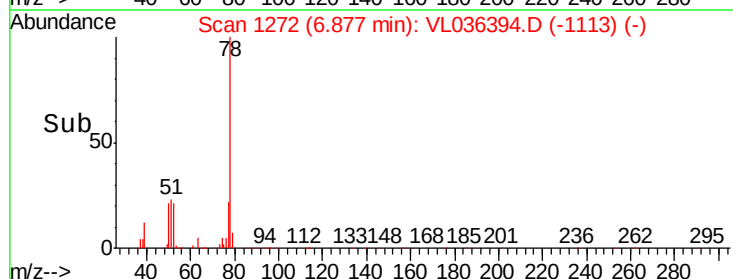
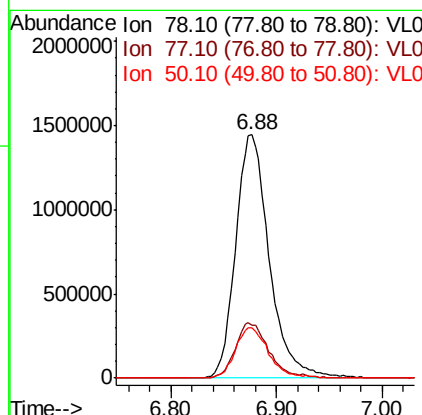
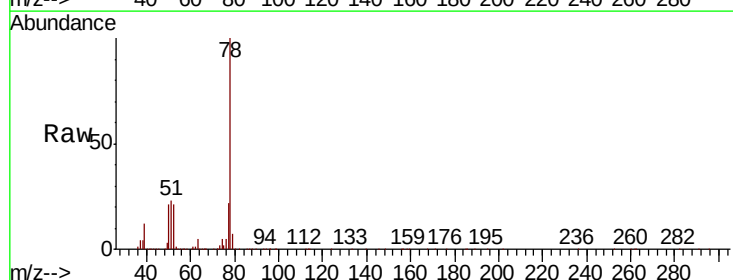
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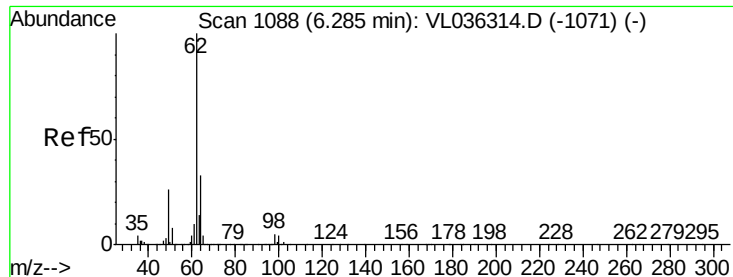
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#36
Benzene
Concen: 10.820 ppbv
RT: 6.88 min Scan# 1272
Delta R.T. 0.01 min
Lab File: VL036394.D
Acq: 25 Feb 2021 23:14

Tgt Ion	Ratio	Lower	Upper
78	100		
77	21.9	18.9	28.3
50	20.7	17.3	25.9





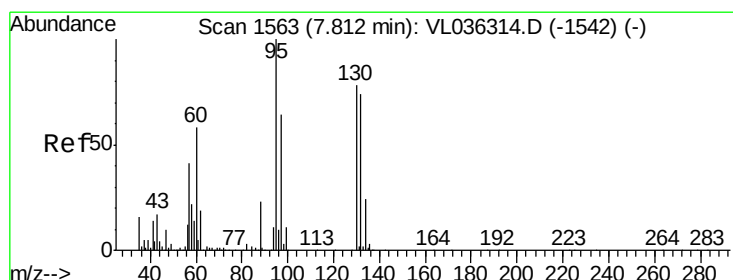
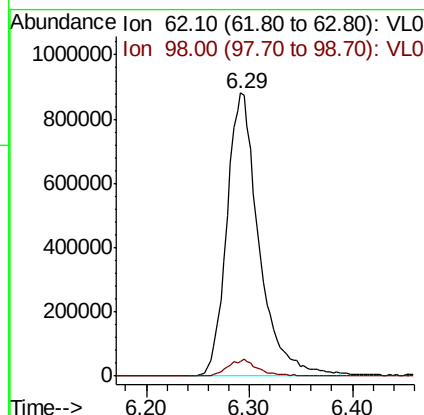
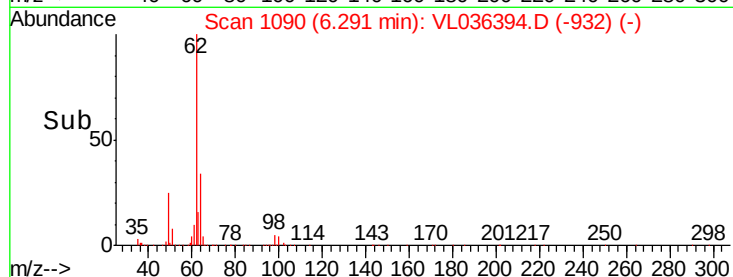
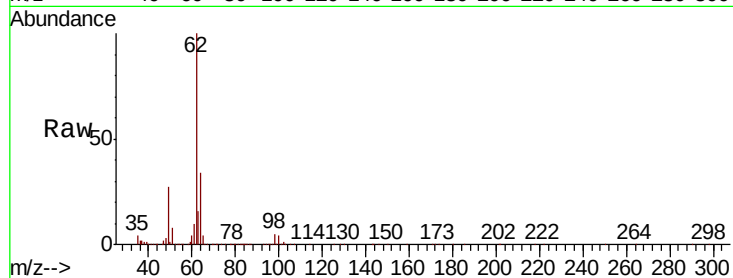
#37
1,2-Dichloroethane
Concen: 10.520 ppbv
RT: 6.29 min Scan# 1090
Delta R.T. 0.01 min
Lab File: VL036394.D
Acq: 25 Feb 2021 23:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion: 62 Resp: 1916702
Ion Ratio Lower Upper
62 100
98 5.7 4.5 6.7

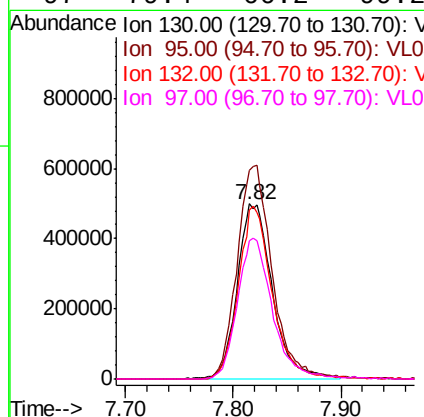
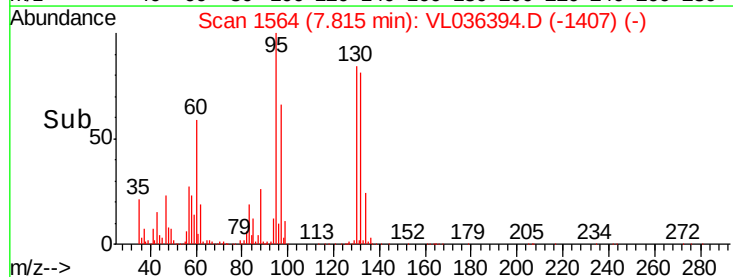
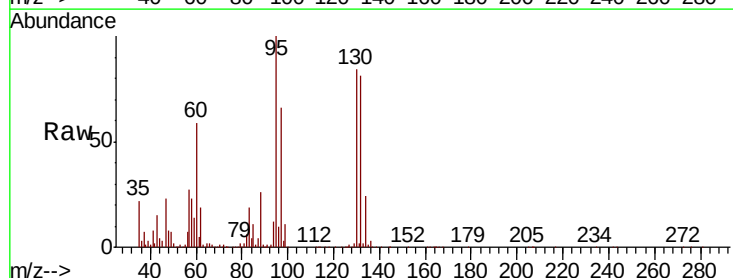
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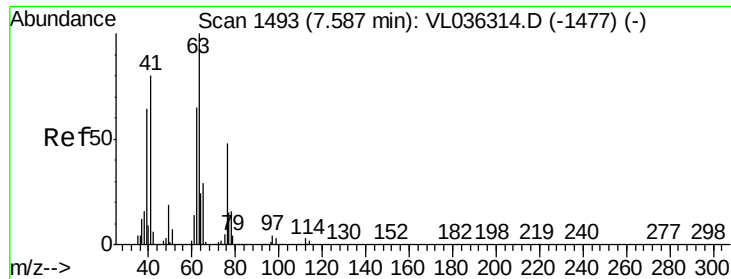
MMDadoda
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#38
Trichloroethene
Concen: 10.573 ppbv
RT: 7.82 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VL036394.D
Acq: 25 Feb 2021 23:14

Tgt Ion: 130 Resp: 1116092
Ion Ratio Lower Upper
130 100
95 120.0 102.8 154.2
132 97.0 75.7 113.5
97 79.4 66.2 99.2





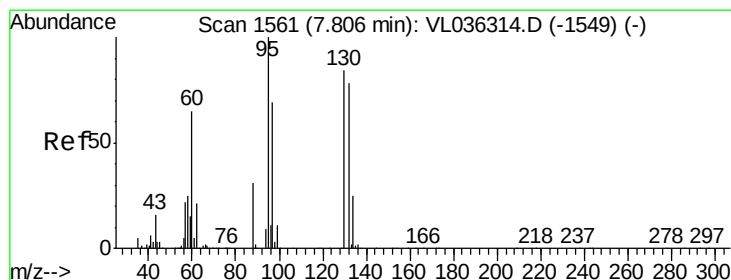
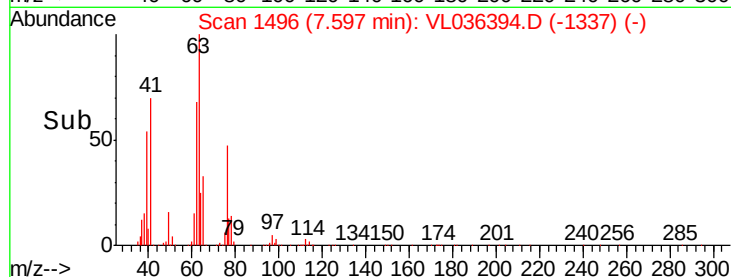
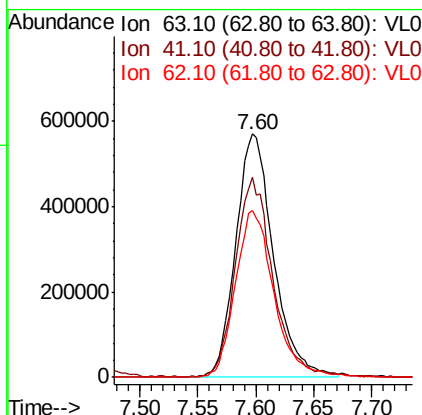
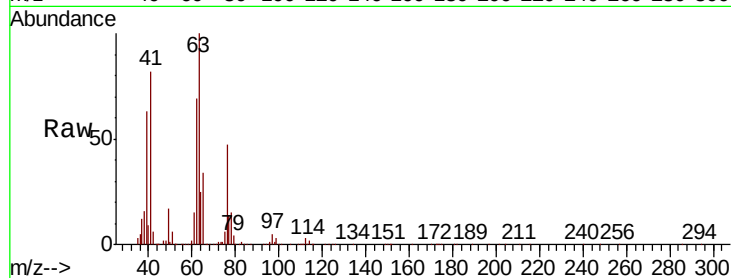
#39
 1,2-Dichloropropane
 Concen: 10.773 ppbv
 RT: 7.60 min Scan# 1496
 Delta R.T. 0.01 min
 Lab File: VL036394.D
 Acq: 25 Feb 2021 23:14

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
63	100		
41	82.0	63.8	95.6
62	68.5	52.3	78.5

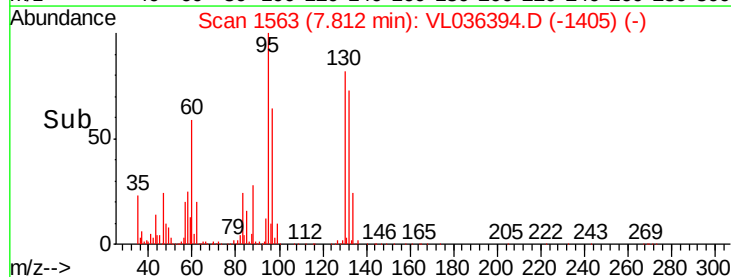
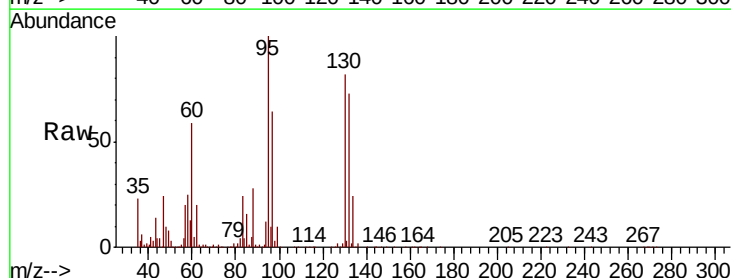
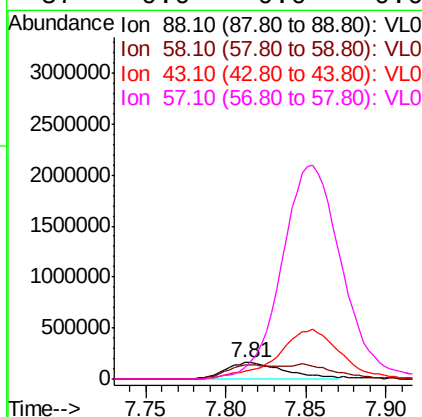
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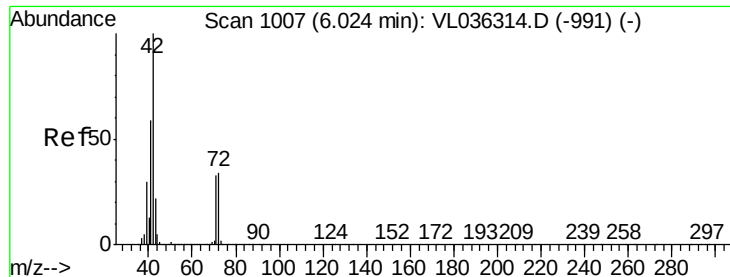
MMDadoda
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#40
 1,4-Dioxane
 Concen: 9.694 ppbv
 RT: 7.81 min Scan# 1563
 Delta R.T. 0.01 min
 Lab File: VL036394.D
 Acq: 25 Feb 2021 23:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	45.0	67.4#
43	0.0	0.0	0.0
57	0.0	0.0	0.0





#41

Tetrahydrofuran

Concen: 10.988 ppbv

RT: 6.03 min Scan# 1009

Delta R.T. 0.01 min

Lab File: VL036394.D

Acq: 25 Feb 2021 23:14

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion: 42 Resp: 1413285

Ion Ratio Lower Upper

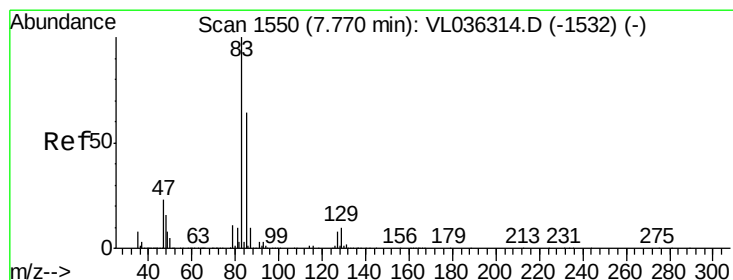
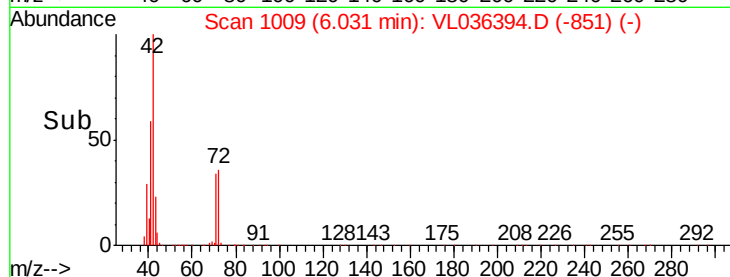
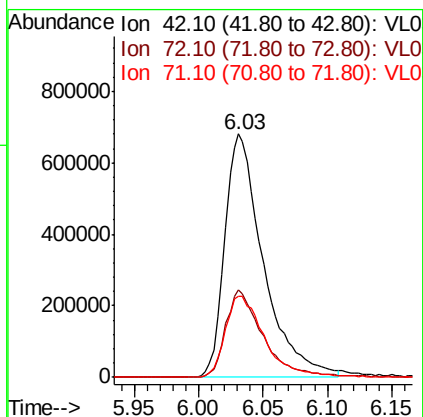
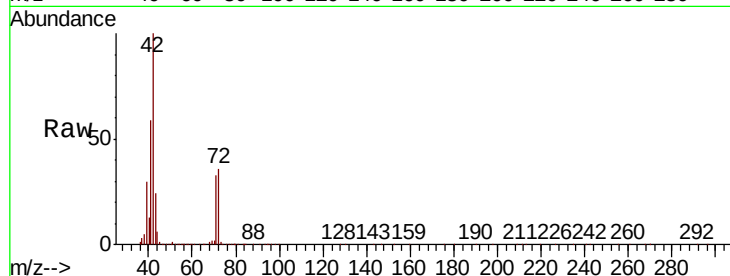
42 100

72 35.3 29.3 43.9

71 34.6 27.8 41.8

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3/1/2021 10:03:23 AM



#42

Bromodichloromethane

Concen: 11.064 ppbv

RT: 7.78 min Scan# 1552

Delta R.T. 0.01 min

Lab File: VL036394.D

Acq: 25 Feb 2021 23:14

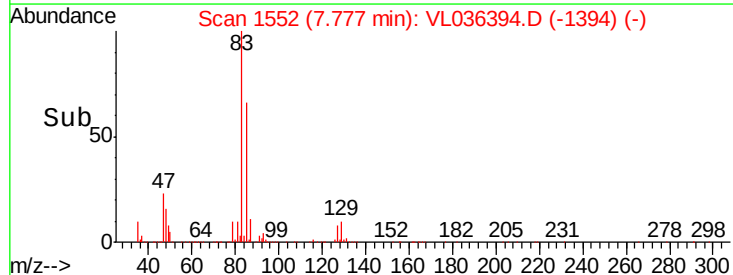
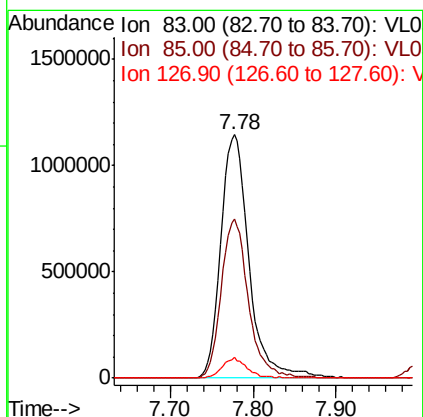
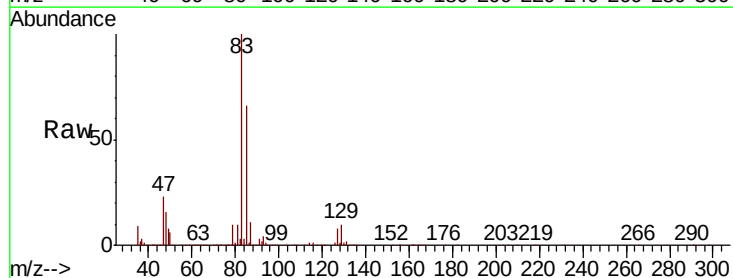
Tgt Ion: 83 Resp: 2699768

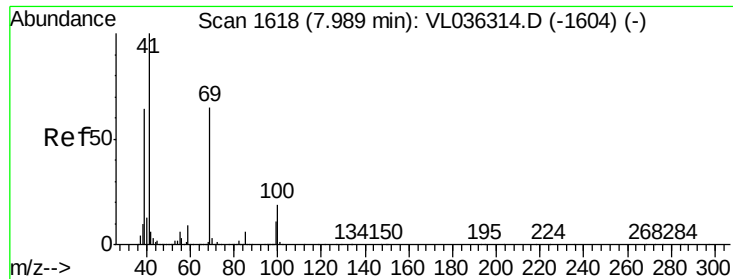
Ion Ratio Lower Upper

83 100

85 65.4 51.1 76.7

127 8.3 6.3 9.5





#43

Methyl Methacrylate

Concen: 11.216 ppbv

RT: 8.00 min Scan# 1621

Delta R.T. 0.01 min

Lab File: VL036394.D

Acq: 25 Feb 2021 23:14

Instrument :
MSVOA_L

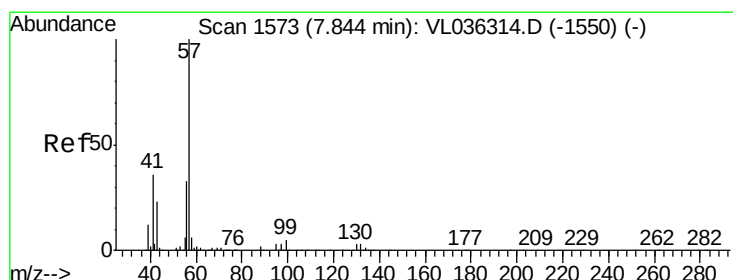
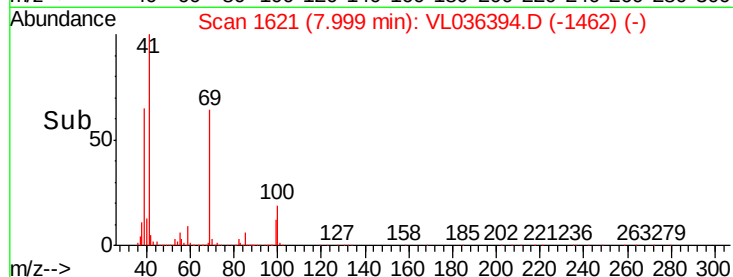
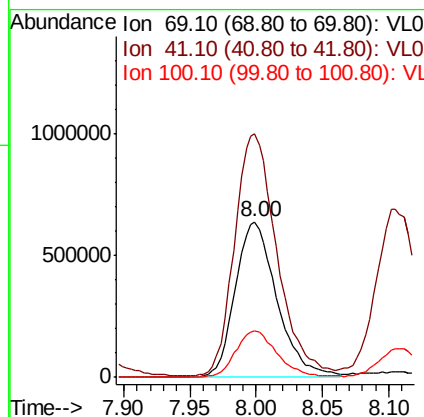
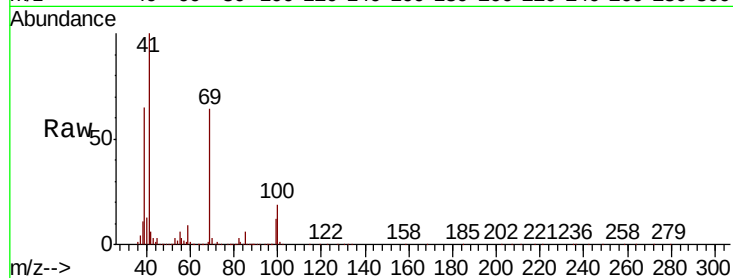
ClientSampleId :
VSTDCCC010EC

Tot Ion: 69 Resp: 1393853

Ion	Ratio	Lower	Upper
69	100		
41	160.2	126.5	189.7
100	29.8	23.1	34.7

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3/1/2021 10:03:23 AM



#44

2,2,4-Trimethylpentane

Concen: 10.276 ppbv

RT: 7.85 min Scan# 1576

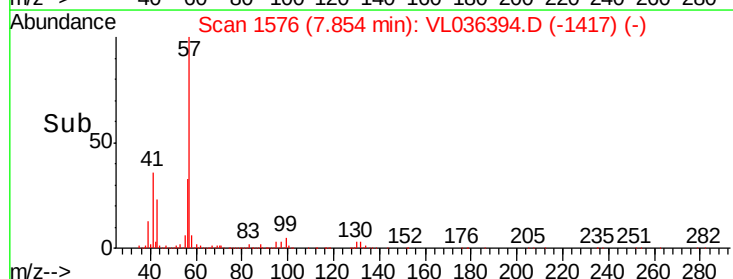
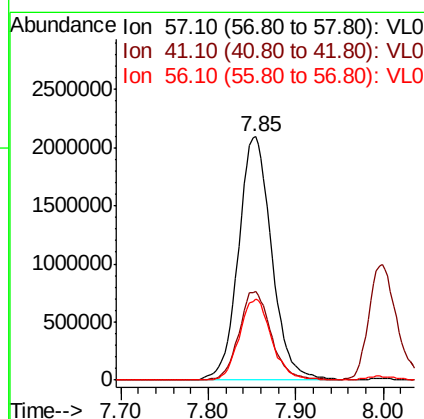
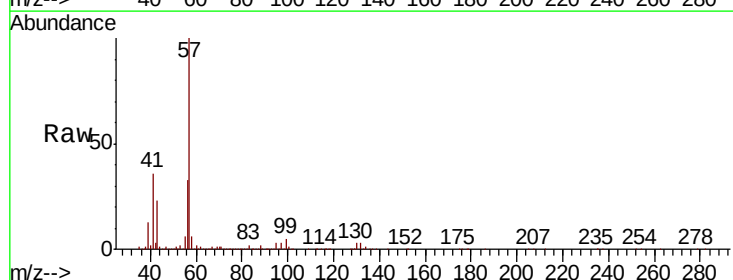
Delta R.T. 0.01 min

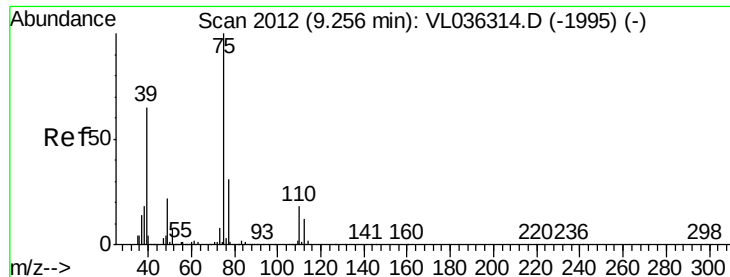
Lab File: VL036394.D

Acq: 25 Feb 2021 23:14

Tgt Ion: 57 Resp: 5506171

Ion	Ratio	Lower	Upper
57	100		
41	35.3	28.8	43.2
56	32.5	25.8	38.6





#45

t-1,3-Dichloropropene

Concen: 12.385 ppbv

RT: 9.26 min Scan# 2014

Delta R.T. 0.01 min

Lab File: VL036394.D

Acq: 25 Feb 2021 23:14

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion: 75 Resp: 1484705

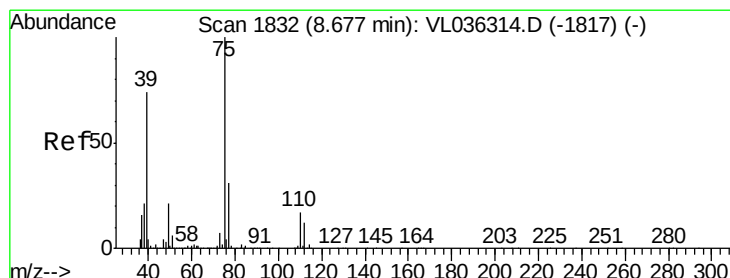
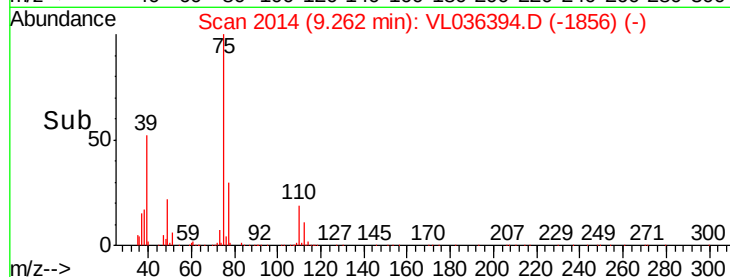
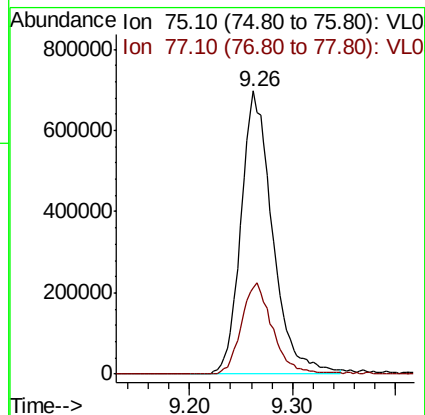
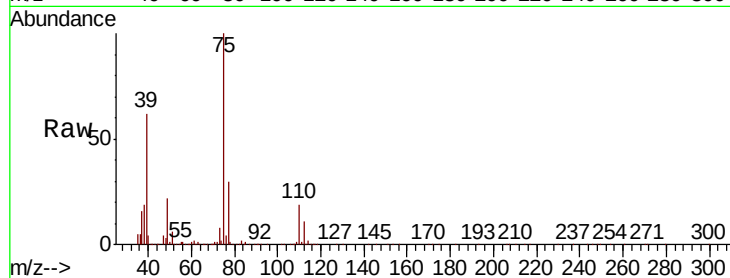
Ion Ratio Lower Upper

75 100

77 30.3 24.6 37.0

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#46

cis-1,3-Dichloropropene

Concen: 11.859 ppbv

RT: 8.69 min Scan# 1835

Delta R.T. 0.01 min

Lab File: VL036394.D

Acq: 25 Feb 2021 23:14

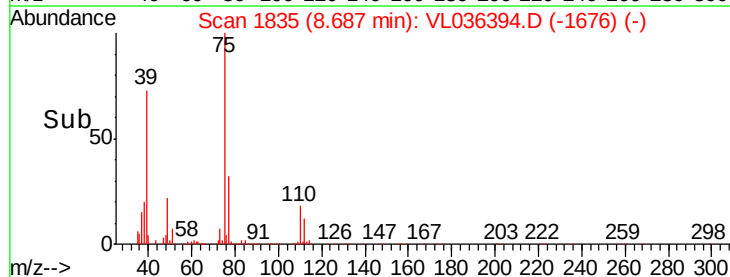
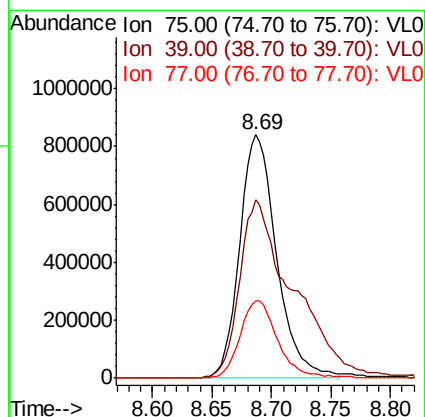
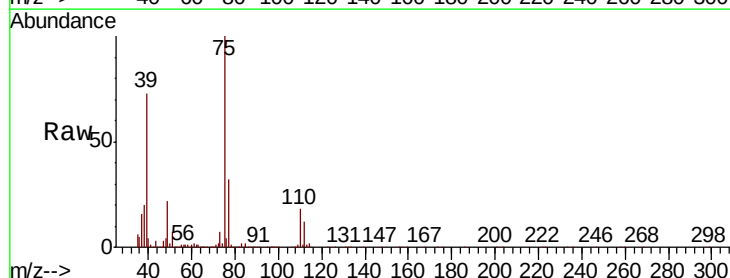
Tgt Ion: 75 Resp: 1805982

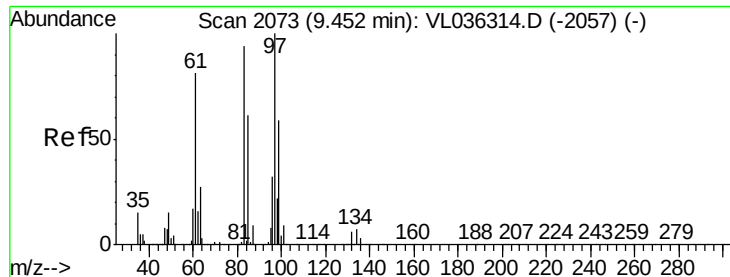
Ion Ratio Lower Upper

75 100

39 73.3 59.2 88.8

77 31.8 25.0 37.6





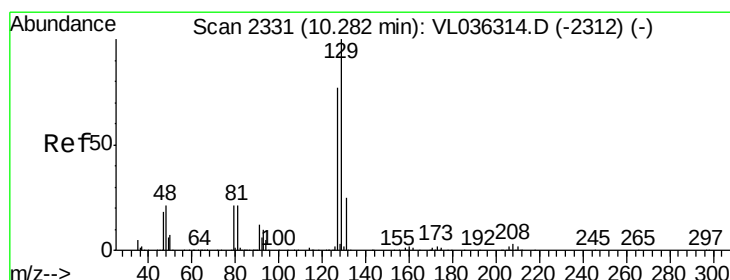
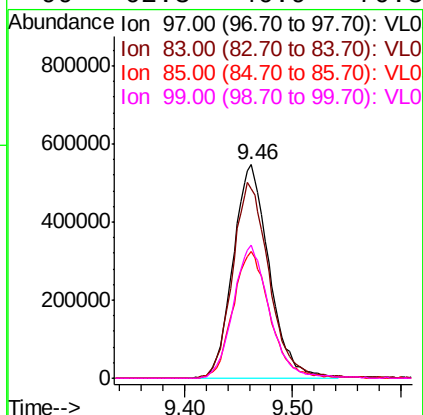
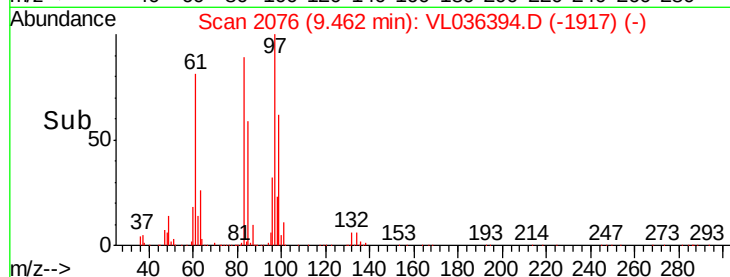
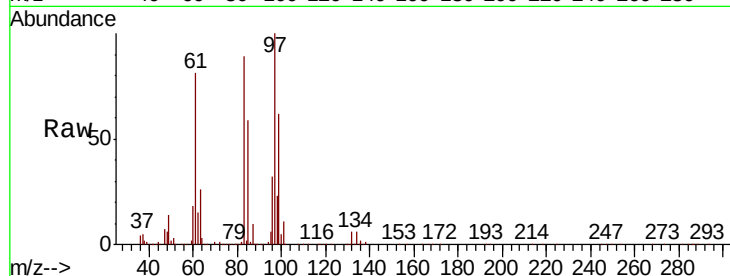
#47
 1,1,2-Trichloroethane
 Concen: 10.395 ppbv
 RT: 9.46 min Scan# 2076
 Delta R.T. 0.01 min
 Lab File: VL036394.D
 Acq: 25 Feb 2021 23:14

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tot Ion	Ion	Ratio	Lower	Upper
97	100			
83	88.7	75.4	113.0	
85	59.2	48.9	73.3	
99	62.3	46.9	70.3	

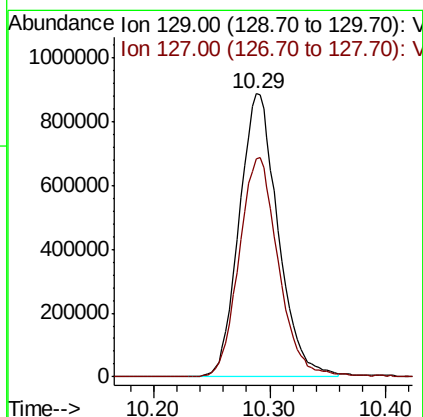
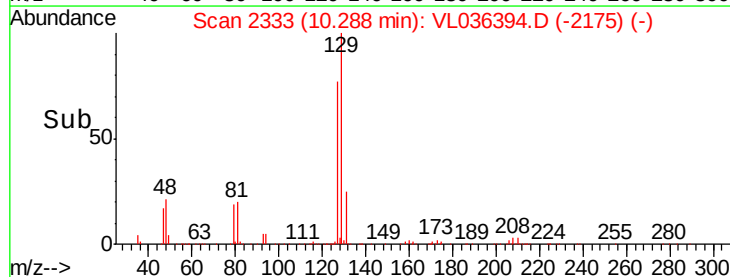
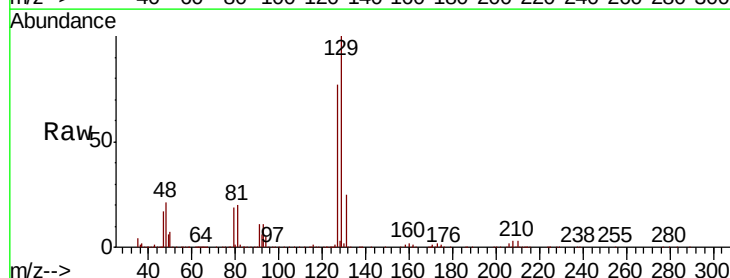
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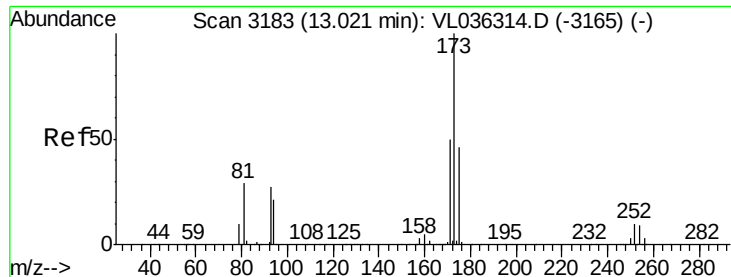
MMDadoda
 3/1/2021 10:03:23 AM



#48
 Dibromochloromethane
 Concen: 11.283 ppbv
 RT: 10.29 min Scan# 2333
 Delta R.T. 0.01 min
 Lab File: VL036394.D
 Acq: 25 Feb 2021 23:14

Tgt Ion	Ion	Ratio	Lower	Upper
129	100			
127	79.1	39.1	117.2	





#49

Bromoform

Concen: 11.220 ppbv

RT: 13.03 min Scan# 3185

Delta R.T. 0.01 min

Lab File: VL036394.D

Acq: 25 Feb 2021 23:14

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion:173 Resp: 1658045

Ion Ratio Lower Upper

173 100

175 51.0 40.2 60.2

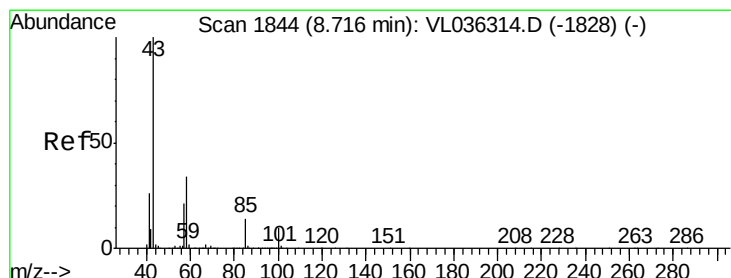
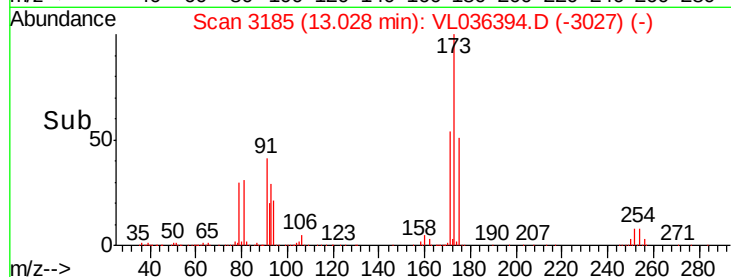
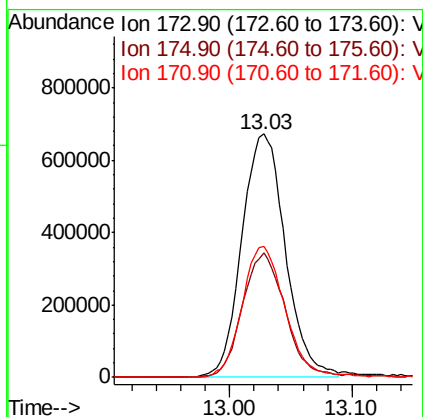
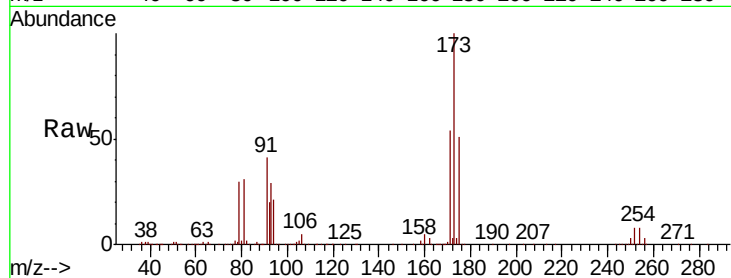
171 54.0 43.4 65.2

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#50

4-Methyl-2-Pentanone

Concen: 10.991 ppbv

RT: 8.72 min Scan# 1846

Delta R.T. 0.01 min

Lab File: VL036394.D

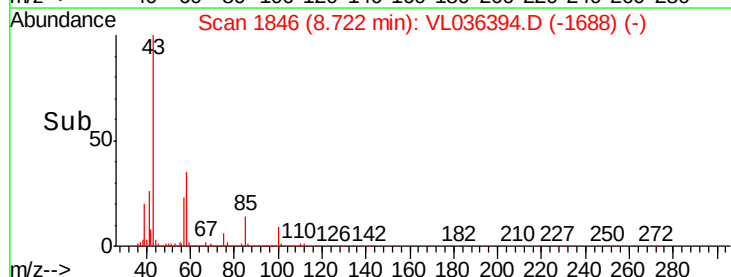
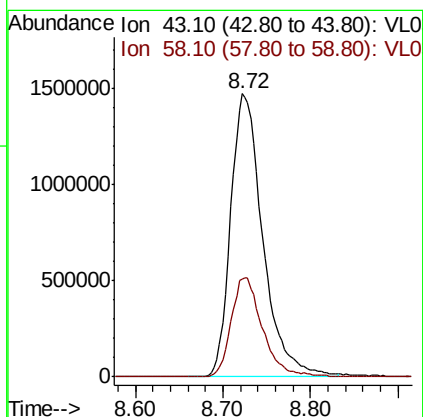
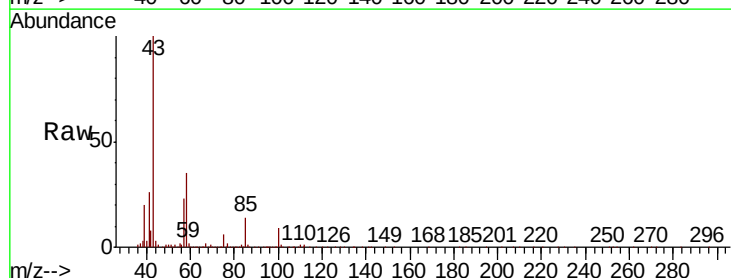
Acq: 25 Feb 2021 23:14

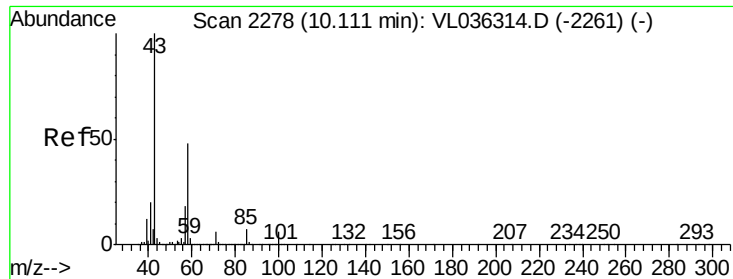
Tgt Ion: 43 Resp: 3760637

Ion Ratio Lower Upper

43 100

58 34.5 27.8 41.6





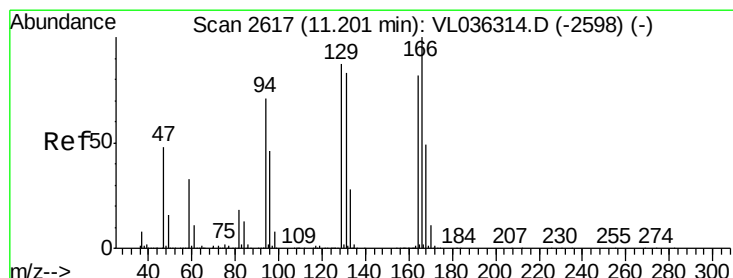
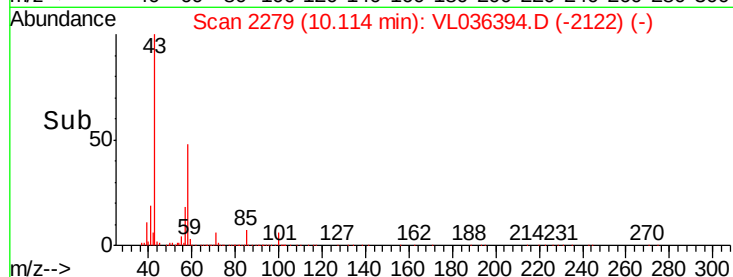
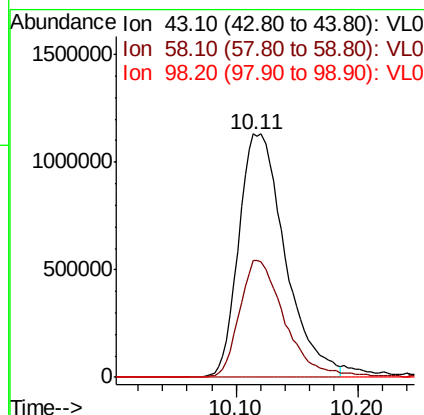
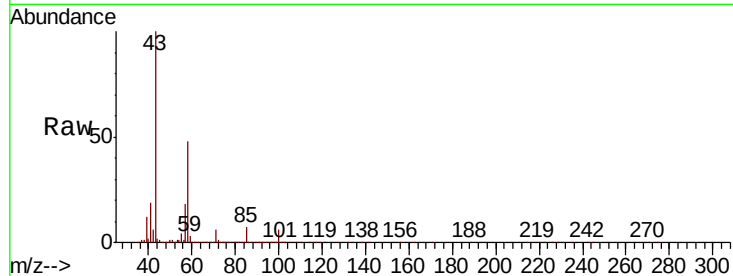
#51
2-Hexanone
Concen: 11.435 ppbv
RT: 10.11 min Scan# 2279
Delta R.T. 0.00 min
Lab File: VL036394.D
Acq: 25 Feb 2021 23:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	48.0	38.7	58.1
98	0.4	0.4	0.6

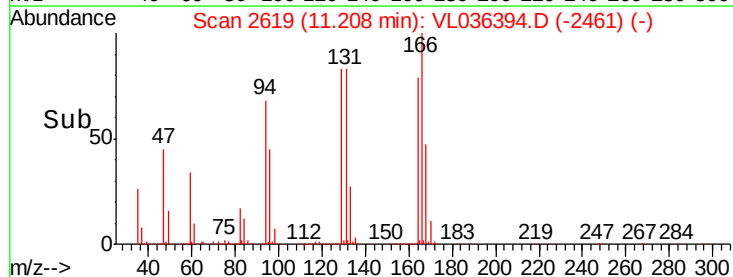
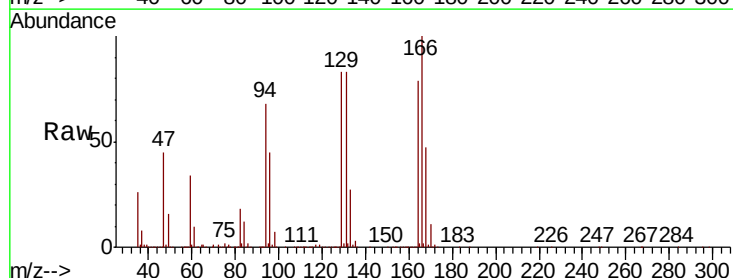
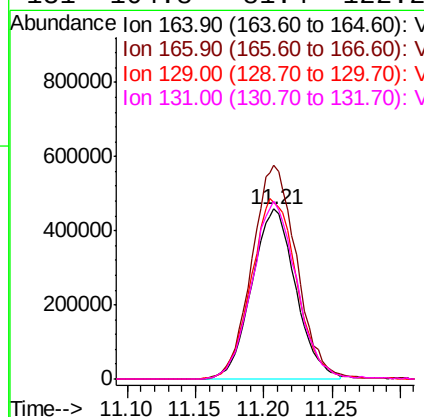
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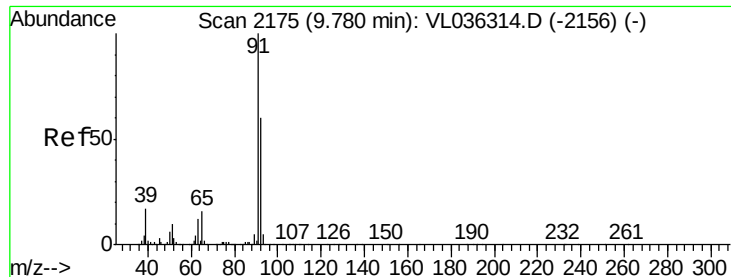
MMDadoda
3/1/2021 10:03:23 AM



#52
Tetrachloroethene
Concen: 9.490 ppbv
RT: 11.21 min Scan# 2619
Delta R.T. 0.01 min
Lab File: VL036394.D
Acq: 25 Feb 2021 23:14

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.7	97.8	146.8
129	104.3	84.9	127.3
131	104.8	81.4	122.2





#53

Toluene

Concen: 11.098 ppbv

RT: 9.79 min Scan# 2178

Delta R.T. 0.01 min

Lab File: VL036394.D

Acq: 25 Feb 2021 23:14

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion: 91 Resp: 3542394

Ion Ratio Lower Upper

91 100

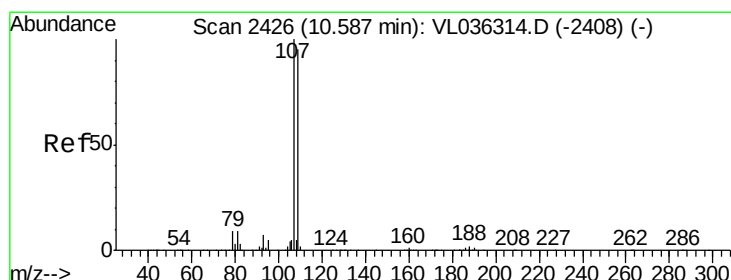
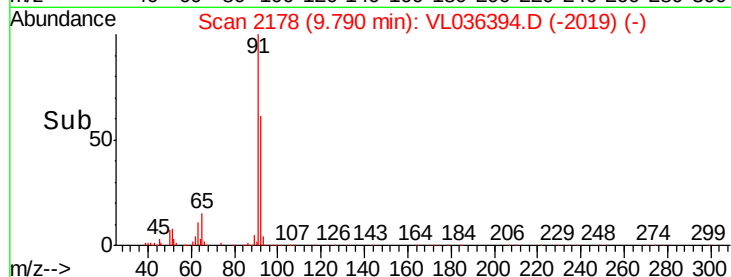
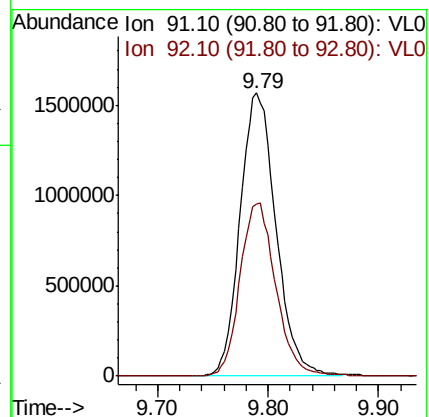
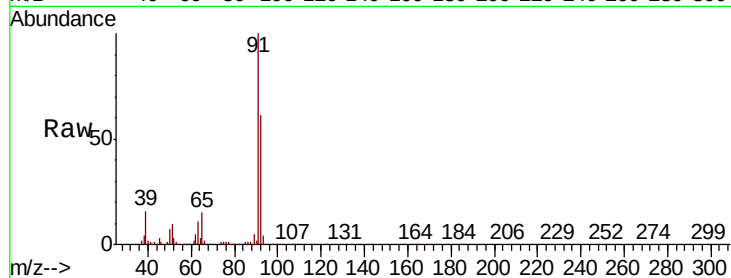
92 60.8 48.6 72.8

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#54

1,2-Dibromoethane

Concen: 10.394 ppbv

RT: 10.59 min Scan# 2428

Delta R.T. 0.01 min

Lab File: VL036394.D

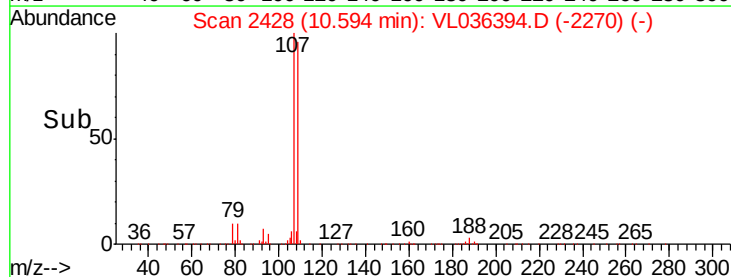
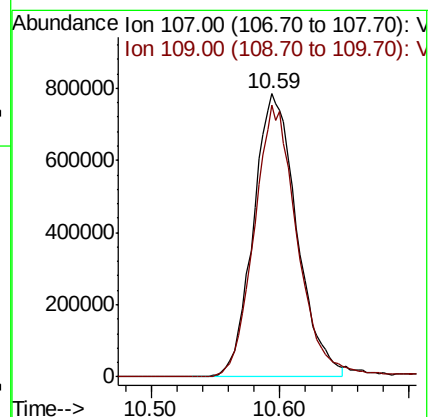
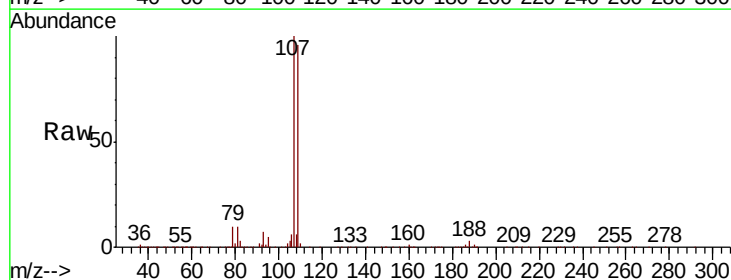
Acq: 25 Feb 2021 23:14

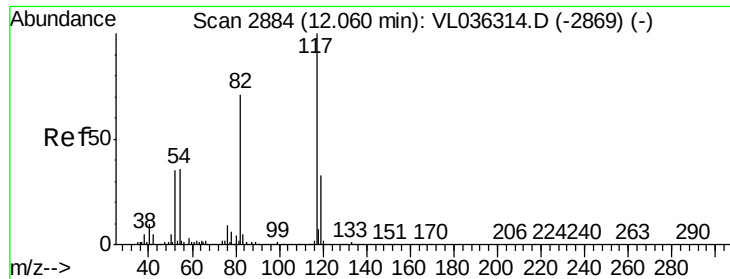
Tgt Ion: 107 Resp: 1840146

Ion Ratio Lower Upper

107 100

109 96.1 76.0 114.0





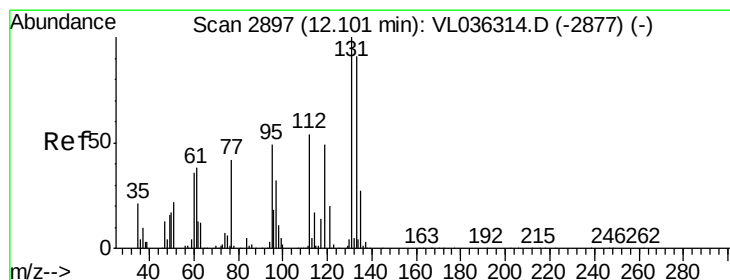
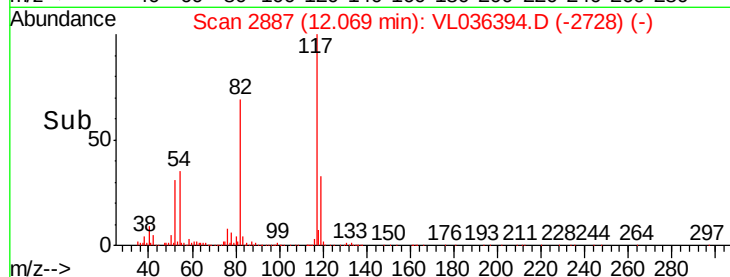
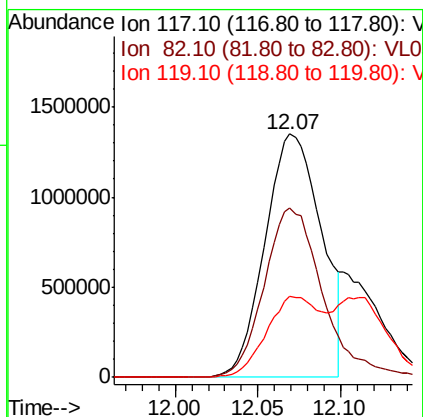
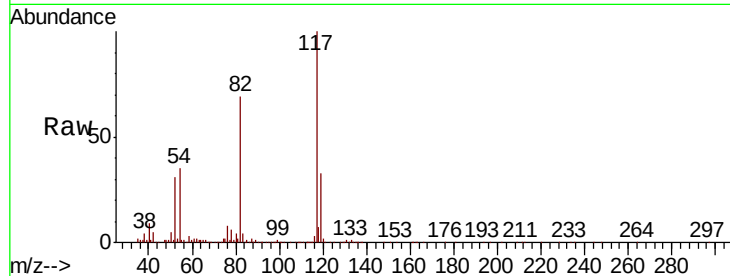
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2887
Delta R.T. 0.01 min
Lab File: VL036394.D
Acq: 25 Feb 2021 23:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	73.2	59.1	88.7
119	34.6	46.3	69.5#

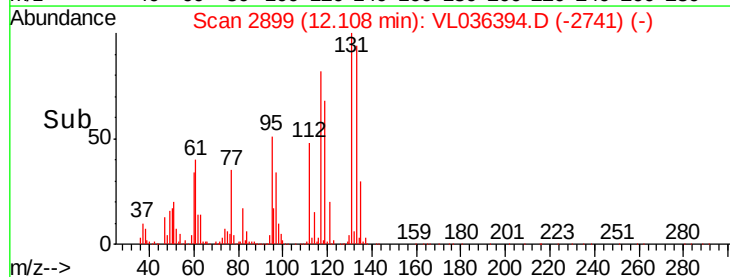
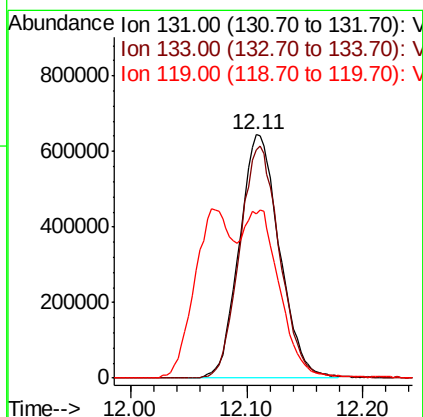
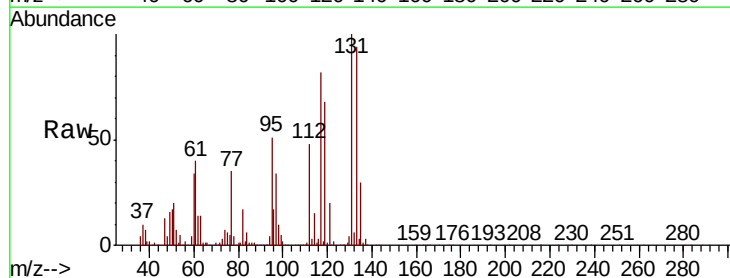
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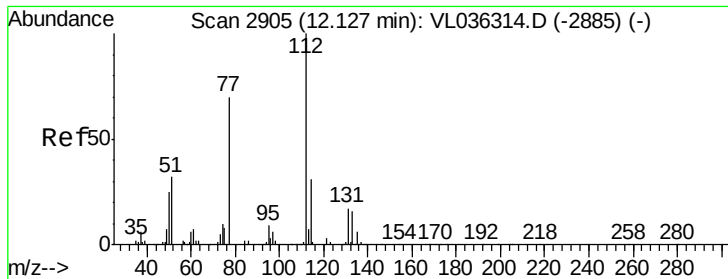
MMDadoda
3/1/2021 10:03:23 AM



#56
1,1,1,2-Tetrachloroethane
Concen: 10.526 ppbv
RT: 12.11 min Scan# 2899
Delta R.T. 0.01 min
Lab File: VL036394.D
Acq: 25 Feb 2021 23:14

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.0	76.0	114.0
119	64.1	115.1	172.7#





#57

Chlorobenzene

Concen: 10.173 ppbv

RT: 12.13 min Scan# 2906

Delta R.T. 0.00 min

Lab File: VL036394.D

Acq: 25 Feb 2021 23:14

Instrument :

MSVOA_L

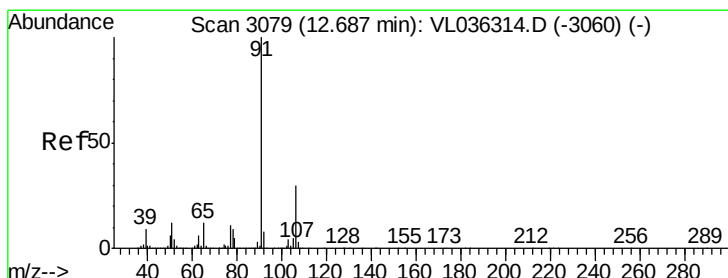
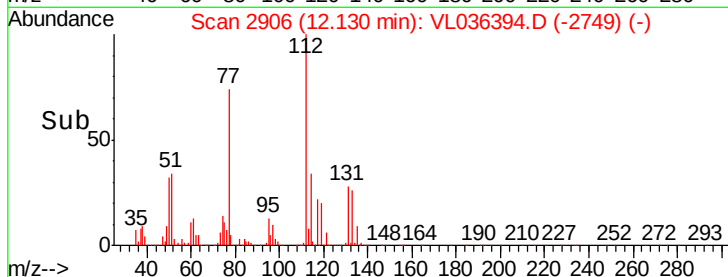
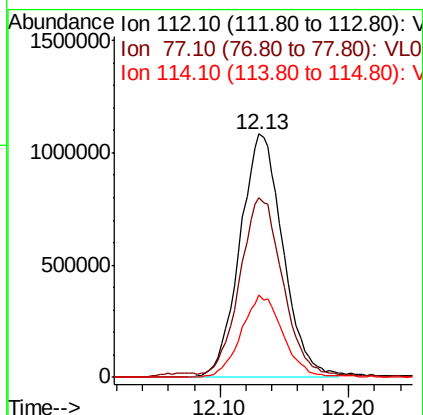
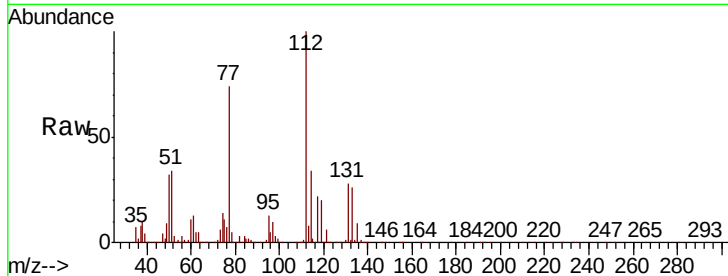
ClientSampleId :

VSTDCCC010EC

Tot Ion:	112	Resp:	2512116
Ion	Ratio	Lower	Upper
112	100		
77	72.6	56.1	84.1
114	33.6	28.3	34.5

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#58

Ethyl Benzene

Concen: 10.843 ppbv

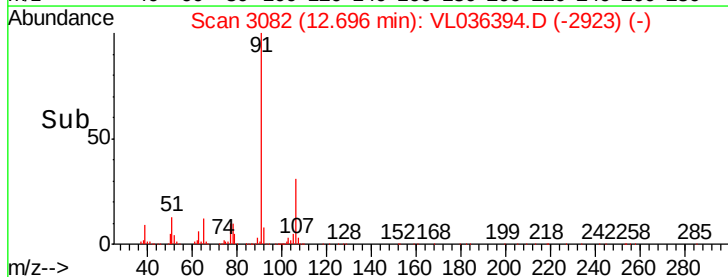
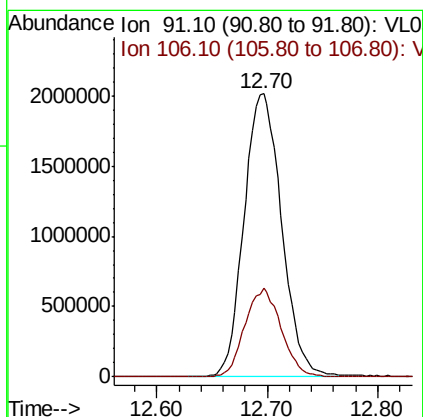
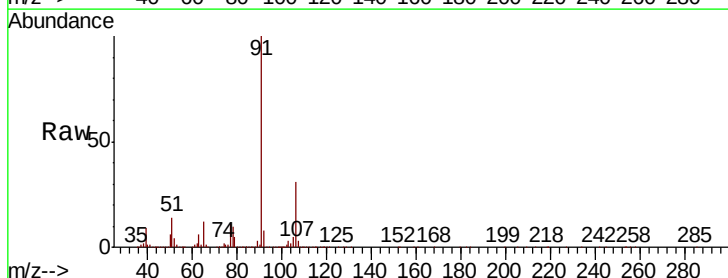
RT: 12.70 min Scan# 3082

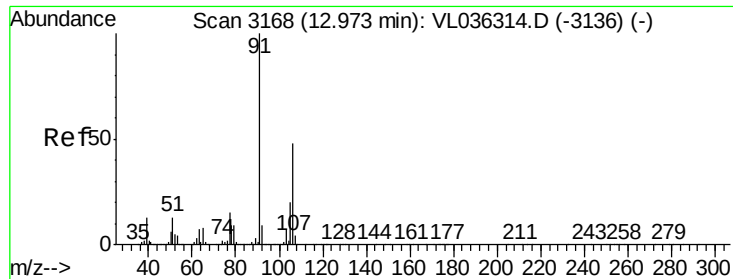
Delta R.T. 0.01 min

Lab File: VL036394.D

Acq: 25 Feb 2021 23:14

Tgt Ion:	91	Resp:	4745377
Ion	Ratio	Lower	Upper
91	100		
106	31.4	23.8	35.6





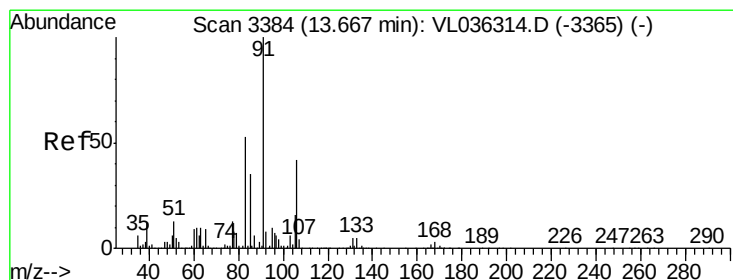
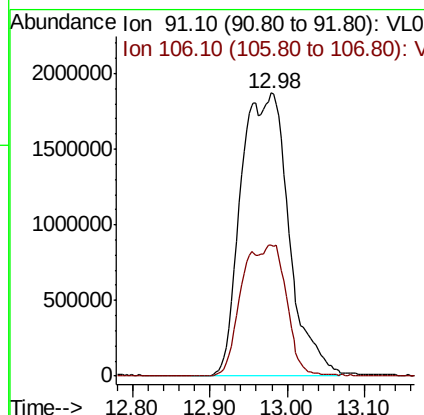
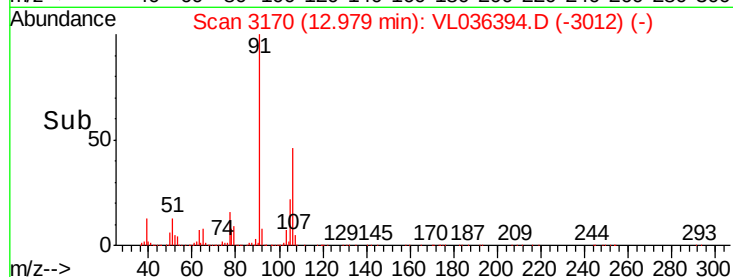
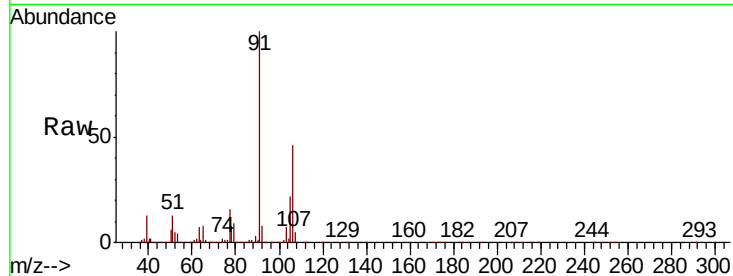
#59
m/p-Xylene
Concen: 20.947 ppbv m
RT: 12.98 min Scan# 3170
Delta R.T. 0.01 min
Lab File: VL036394.D
Acq: 25 Feb 2021 23:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion: 91 Resp: 8052344
Ion Ratio Lower Upper
91 100
106 43.4 34.2 51.2

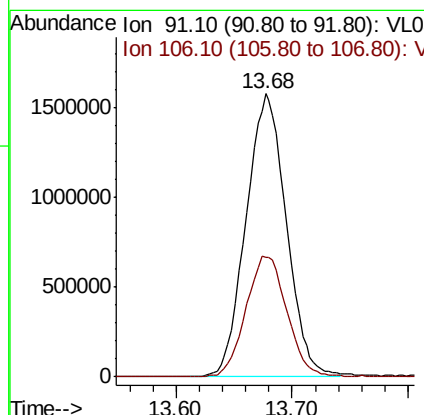
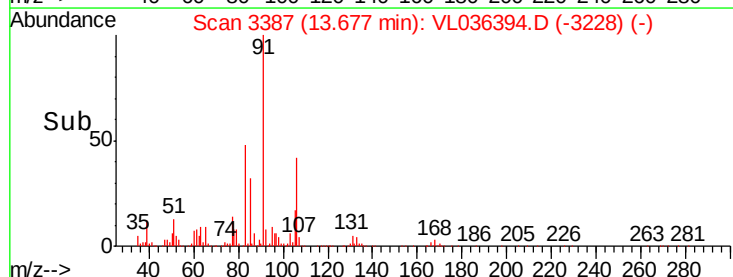
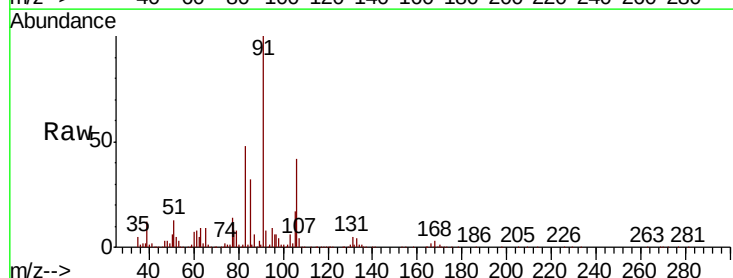
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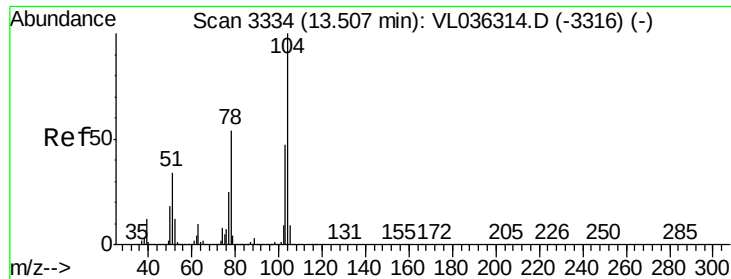
MMDadoda
3/1/2021 10:03:23 AM



#60
o-Xylene
Concen: 10.336 ppbv
RT: 13.68 min Scan# 3387
Delta R.T. 0.01 min
Lab File: VL036394.D
Acq: 25 Feb 2021 23:14

Tgt Ion: 91 Resp: 3799161
Ion Ratio Lower Upper
91 100
106 43.8 22.0 66.0





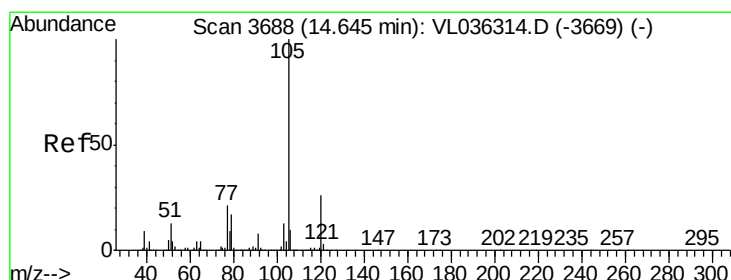
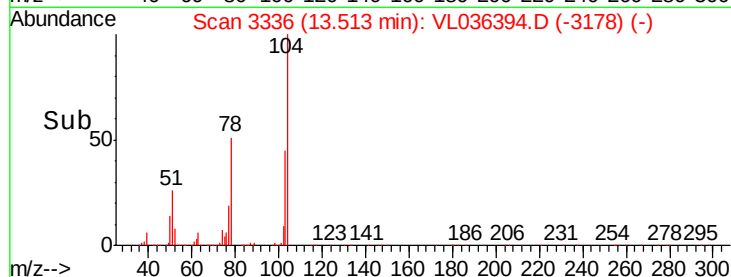
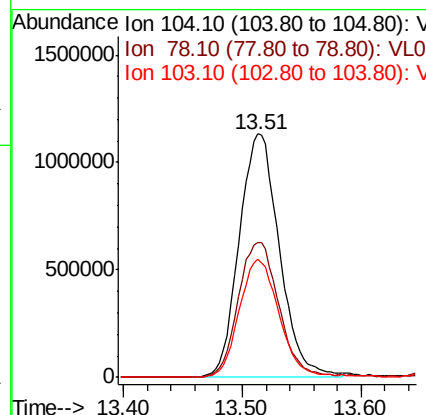
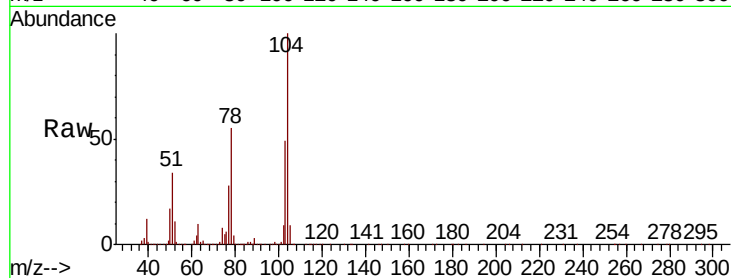
#61
Stvrene
Concen: 11.614 ppbv
RT: 13.51 min Scan# 3336
Delta R.T. 0.01 min
Lab File: VL036394.D
Acq: 25 Feb 2021 23:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
104	100		
78	57.0	46.2	69.2
103	48.6	38.3	57.5

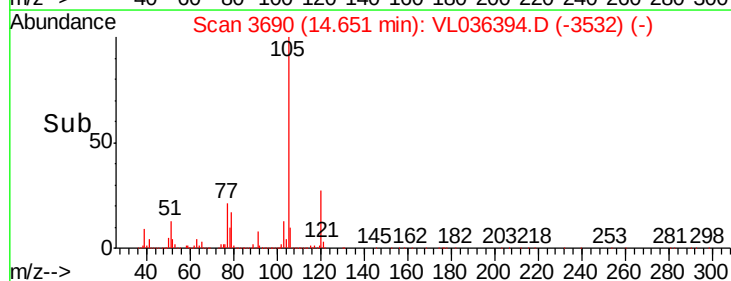
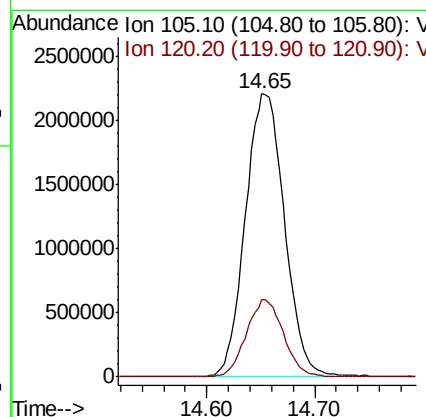
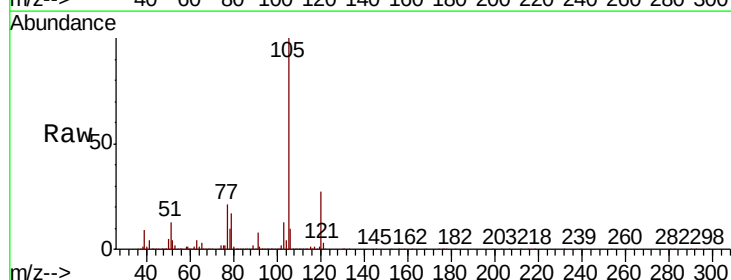
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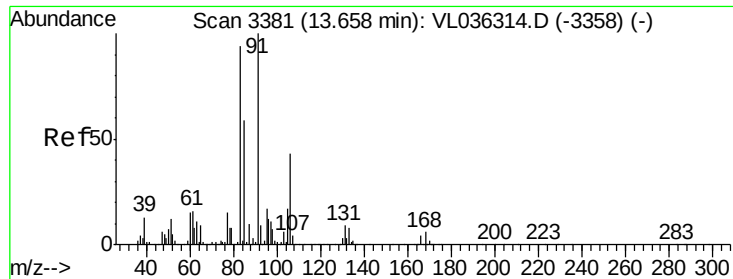
MMDadoda
3/1/2021 10:03:23 AM



#62
Isopropylbenzene
Concen: 10.129 ppbv
RT: 14.65 min Scan# 3690
Delta R.T. 0.01 min
Lab File: VL036394.D
Acq: 25 Feb 2021 23:14

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.0	20.6	30.8





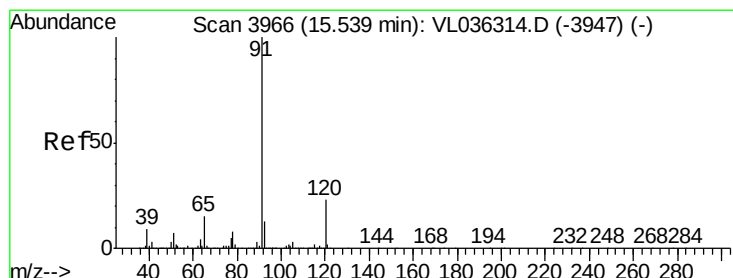
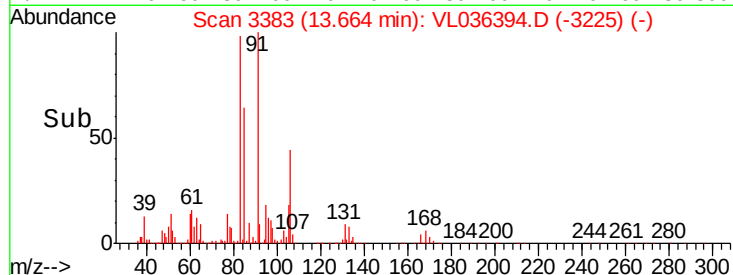
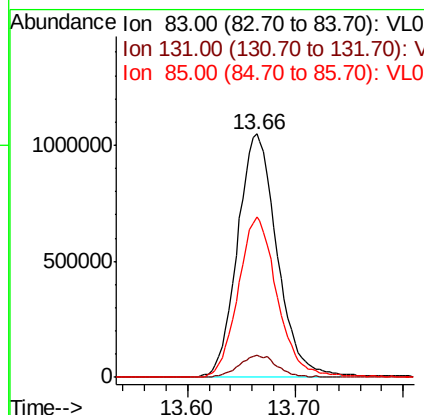
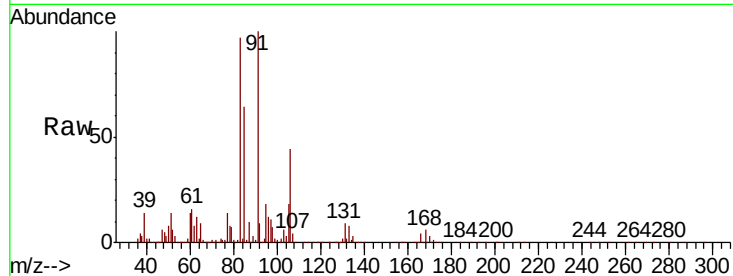
#63
 1,1,2,2-Tetrachloroethane
 Concen: 9.193 ppbv
 RT: 13.66 min Scan# 3383
 Delta R.T. 0.01 min
 Lab File: VL036394.D
 Acq: 25 Feb 2021 23:14

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tot Ion	83	Resp	2665953
Ion Ratio	100	Lower	Upper
131	9.1	4.7	14.0
85	65.9	33.0	98.9

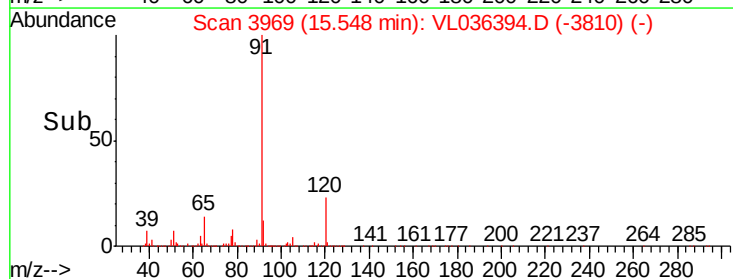
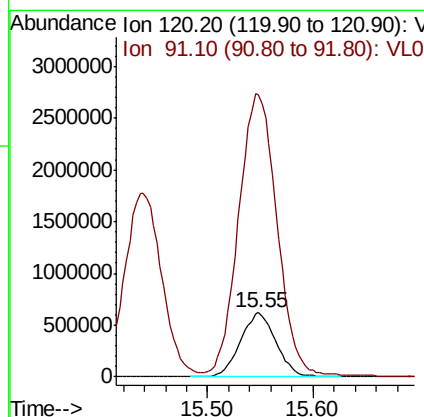
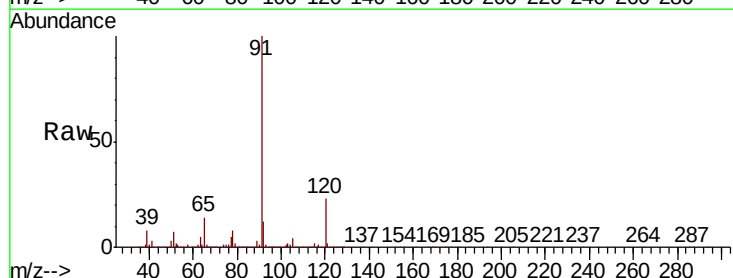
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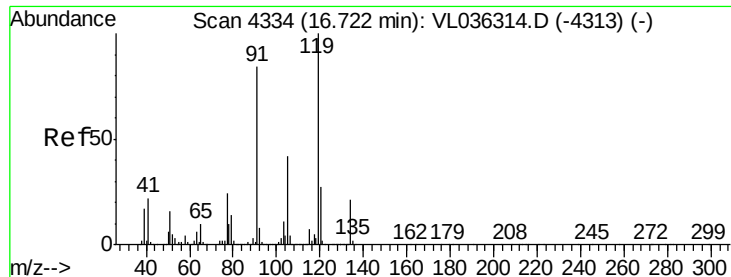
MMDadoda
 3/1/2021 10:03:23 AM



#64
 n-propylbenzene
 Concen: 10.769 ppbv
 RT: 15.55 min Scan# 3969
 Delta R.T. 0.01 min
 Lab File: VL036394.D
 Acq: 25 Feb 2021 23:14

Tgt Ion	120	Resp	1460161
Ion Ratio	100	Lower	Upper
91	477.5	387.2	580.8





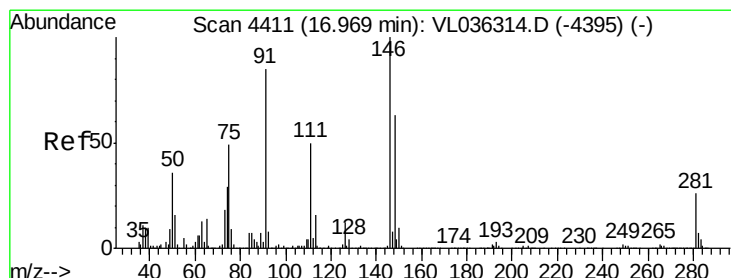
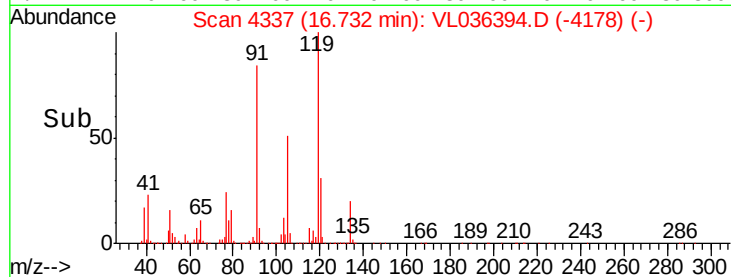
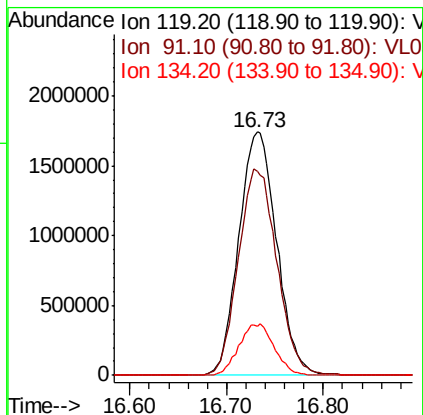
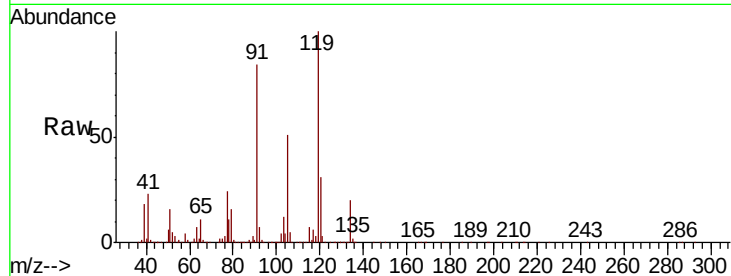
#65
tert-Butylbenzene
Concen: 10.029 ppbv
RT: 16.73 min Scan# 4337
Delta R.T. 0.01 min
Lab File: VL036394.D
Acq: 25 Feb 2021 23:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion:119 Resp: 4727571
Ion Ratio Lower Upper
119 100
91 86.6 70.5 105.7
134 19.9 15.8 23.8

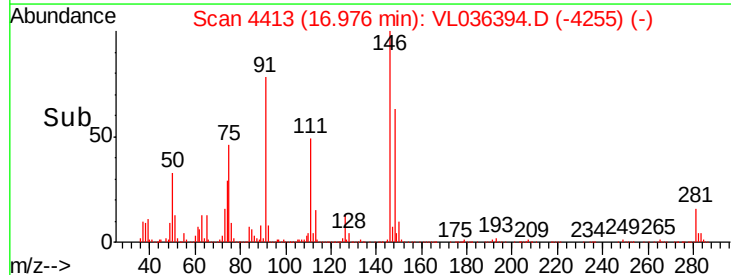
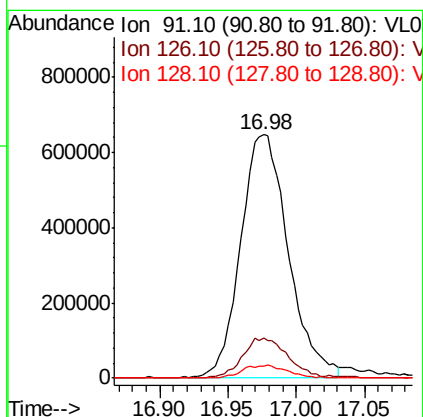
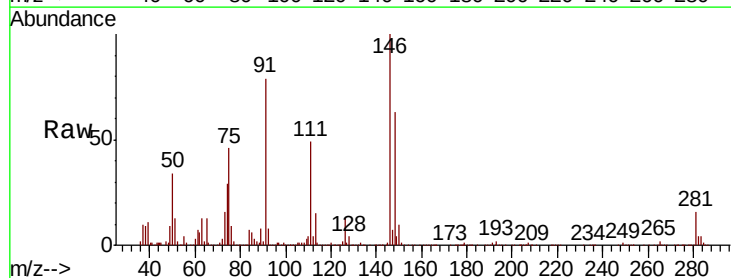
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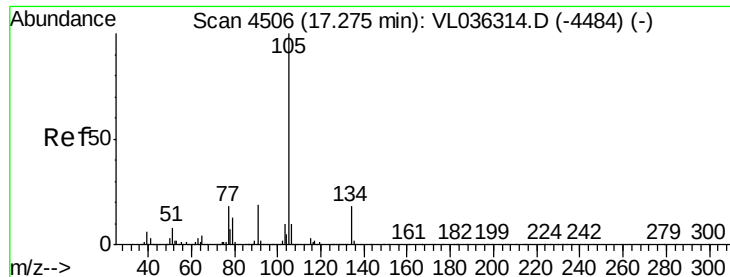
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#66
Benzyl Chloride
Concen: 12.188 ppbv
RT: 16.98 min Scan# 4413
Delta R.T. 0.01 min
Lab File: VL036394.D
Acq: 25 Feb 2021 23:14

Tgt Ion: 91 Resp: 1561870
Ion Ratio Lower Upper
91 100
126 16.5 12.9 19.3
128 5.3 4.2 6.2





#67

sec-Butylbenzene

Concen: 9.852 ppbv

RT: 17.28 min Scan# 4508

Delta R.T. 0.01 min

Lab File: VL036394.D

Acq: 25 Feb 2021 23:14

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion: 105 Resp: 6697215

Ion Ratio Lower Upper

105 100

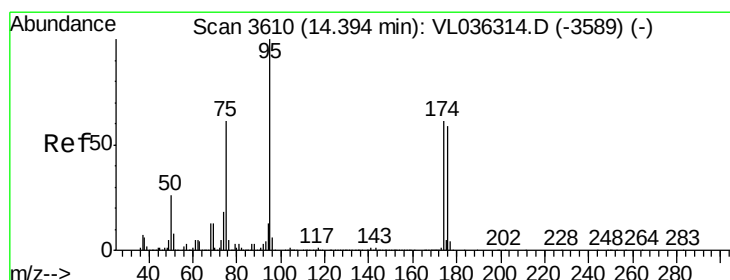
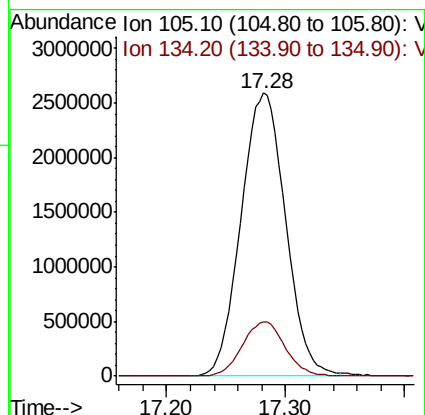
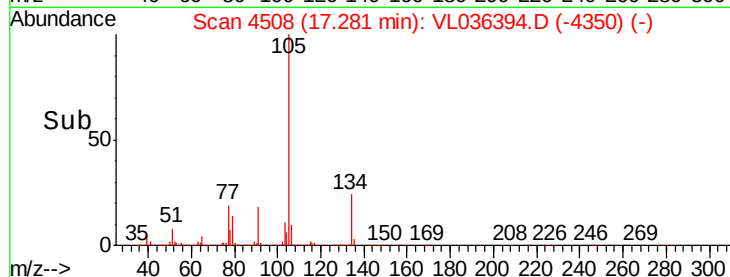
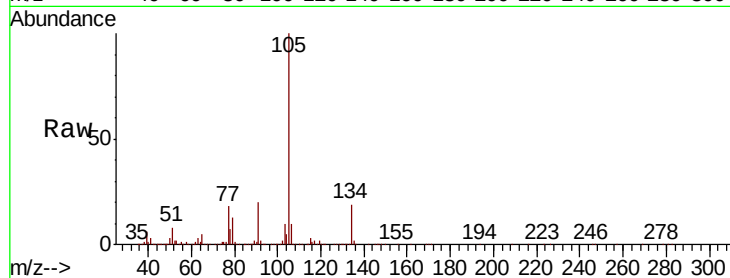
134 18.6 14.2 21.4

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#68

1-Bromo-4-Fluorobenzene

Concen: 10.655 ppbv

RT: 14.40 min Scan# 3612

Delta R.T. 0.01 min

Lab File: VL036394.D

Acq: 25 Feb 2021 23:14

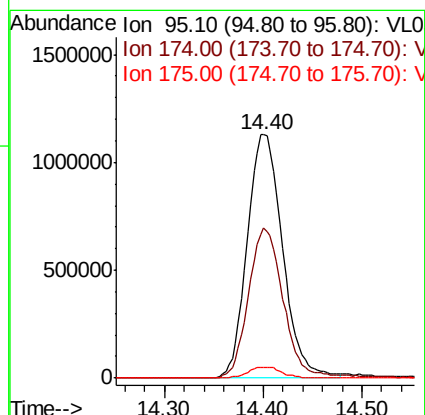
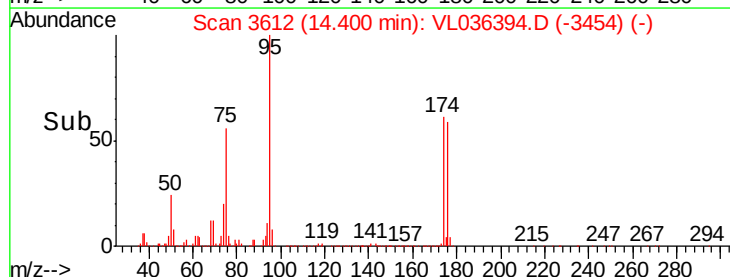
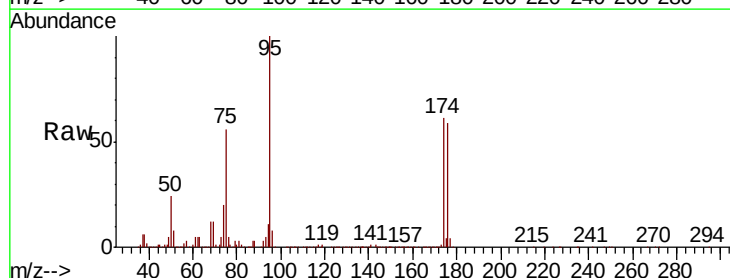
Tgt Ion: 95 Resp: 2801821

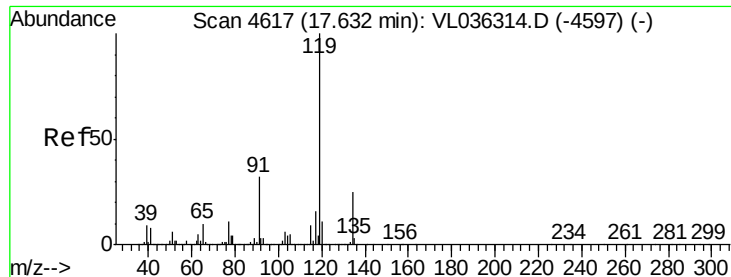
Ion Ratio Lower Upper

95 100

174 61.5 49.8 74.6

175 4.4 3.7 5.5





#69

p-Isopropyltoluene

Concen: 10.577 ppbv

RT: 17.64 min Scan# 4619

Delta R.T. 0.01 min

Lab File: VL036394.D

Acq: 25 Feb 2021 23:14

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion:119 Resp: 5556818

Ion Ratio Lower Upper

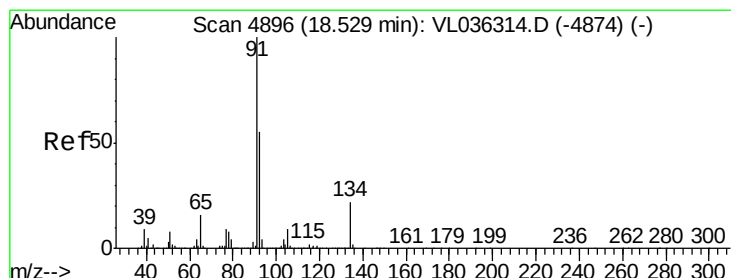
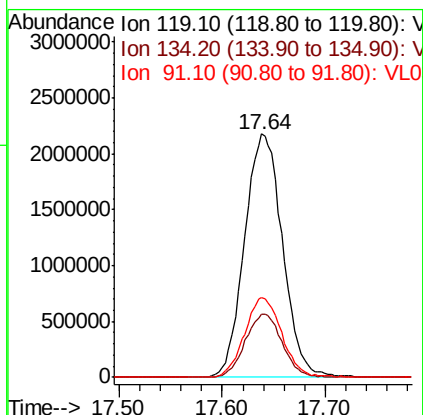
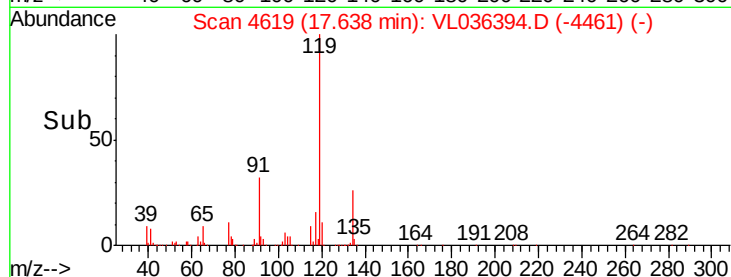
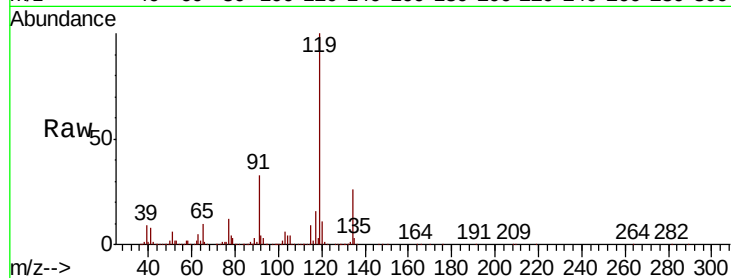
119 100

134 25.3 20.1 30.1

91 31.9 25.8 38.6

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#70

n-Butylbenzene

Concen: 10.598 ppbv

RT: 18.54 min Scan# 4899

Delta R.T. 0.01 min

Lab File: VL036394.D

Acq: 25 Feb 2021 23:14

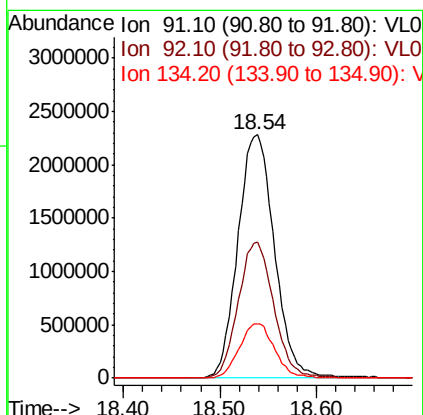
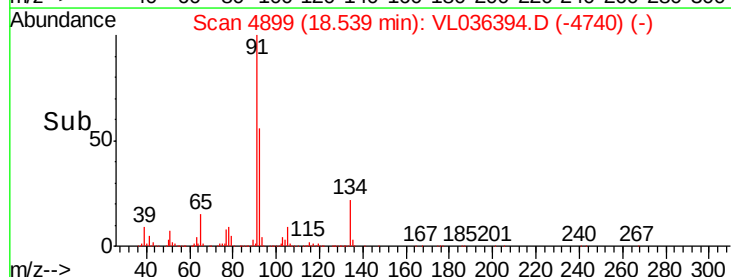
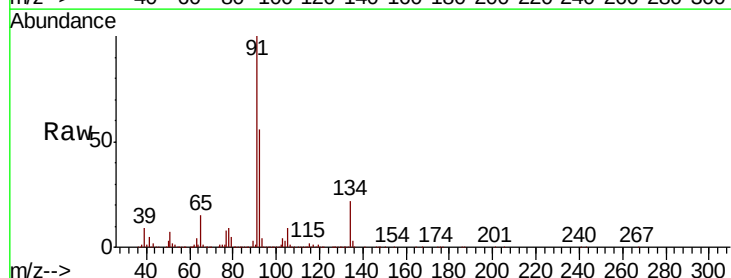
Tgt Ion: 91 Resp: 5970605

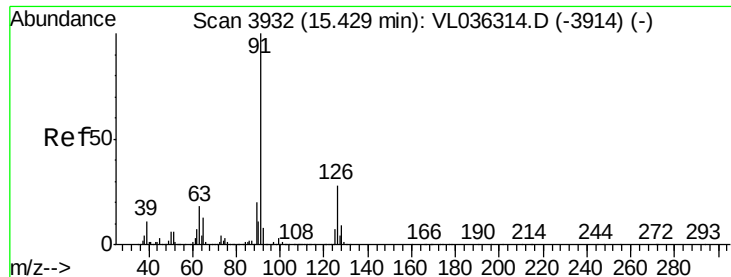
Ion Ratio Lower Upper

91 100

92 54.6 43.7 65.5

134 21.8 17.4 26.0





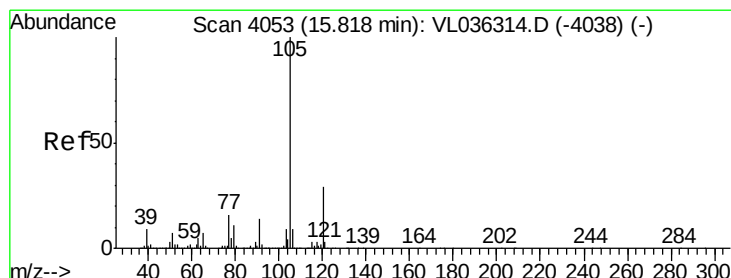
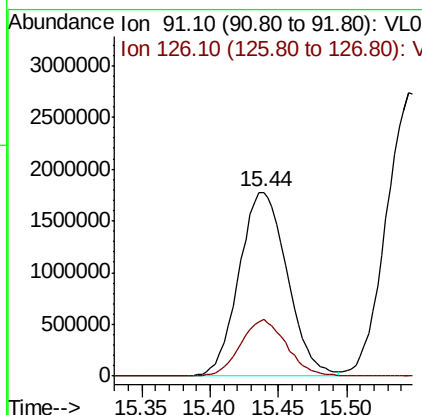
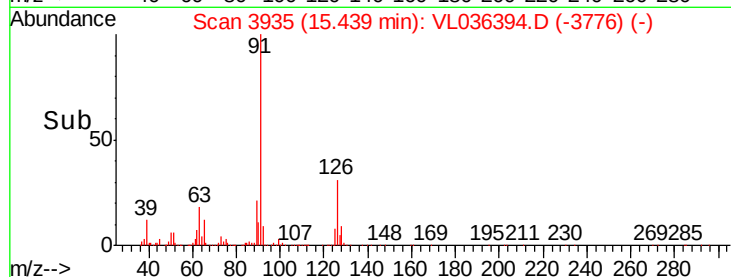
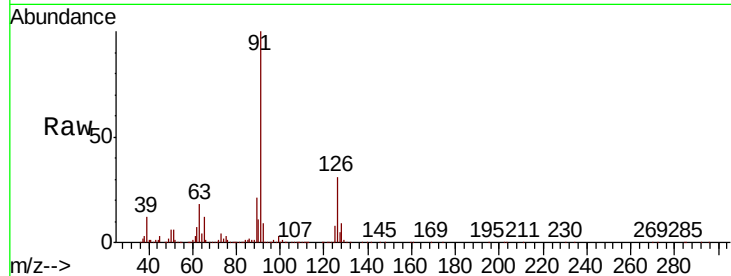
#71
2-Chlorotoluene
Concen: 10.287 ppbv
RT: 15.44 min Scan# 3935
Delta R.T. 0.01 min
Lab File: VL036394.D
Acq: 25 Feb 2021 23:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion: 91 Resp: 4344426
Ion Ratio Lower Upper
91 100
126 29.8 11.5 46.1

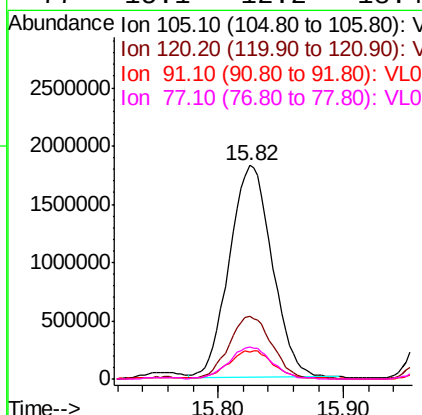
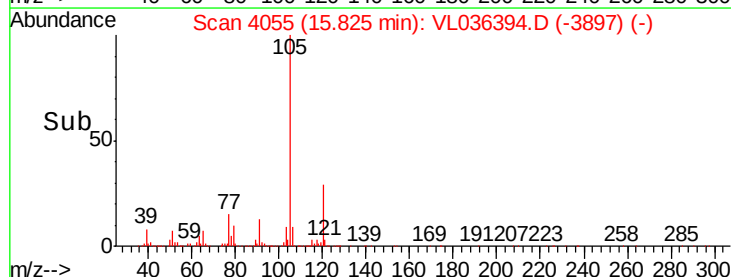
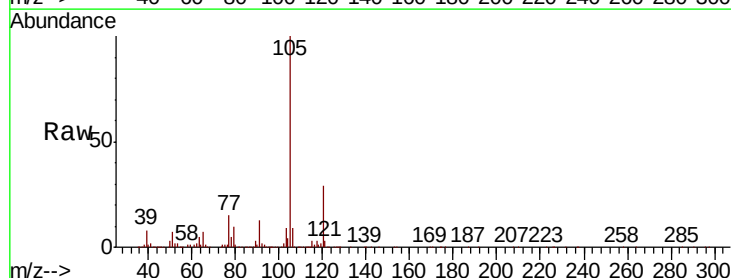
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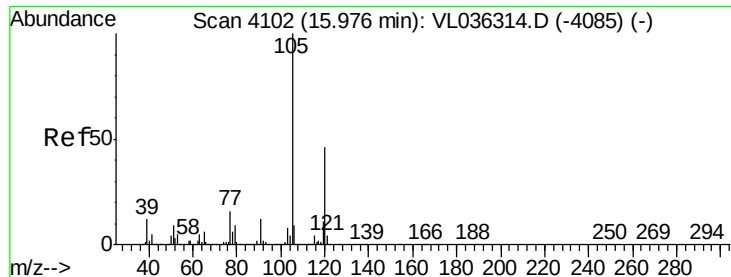
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#72
4-Ethyltoluene
Concen: 10.585 ppbv
RT: 15.82 min Scan# 4055
Delta R.T. 0.01 min
Lab File: VL036394.D
Acq: 25 Feb 2021 23:14

Tgt Ion: 105 Resp: 4329881
Ion Ratio Lower Upper
105 100
120 29.8 23.2 34.8
91 13.7 11.0 16.4
77 15.1 12.2 18.4





#73

1,3,5-Trimethylbenzene

Concen: 10.303 ppbv

RT: 15.99 min Scan# 4105

Delta R.T. 0.01 min

Lab File: VL036394.D

Acq: 25 Feb 2021 23:14

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion:105 Resp: 4085377

Ion Ratio Lower Upper

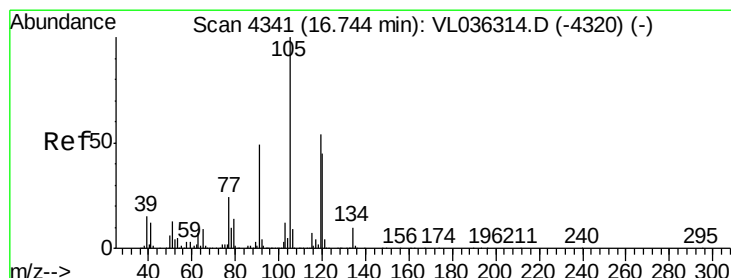
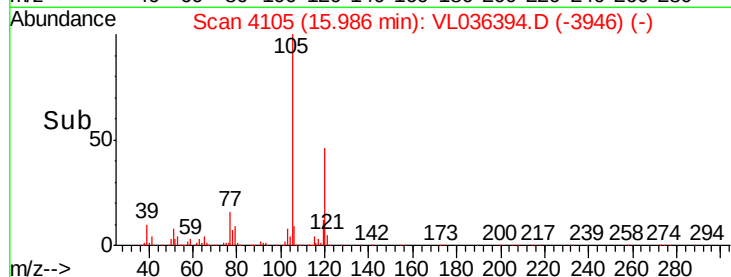
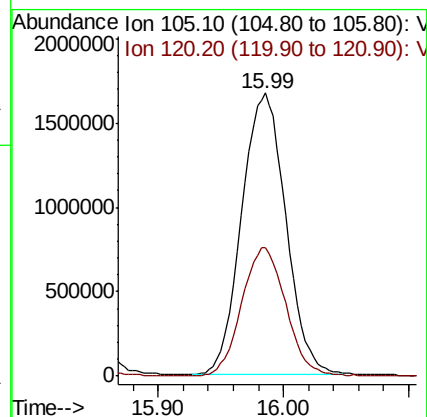
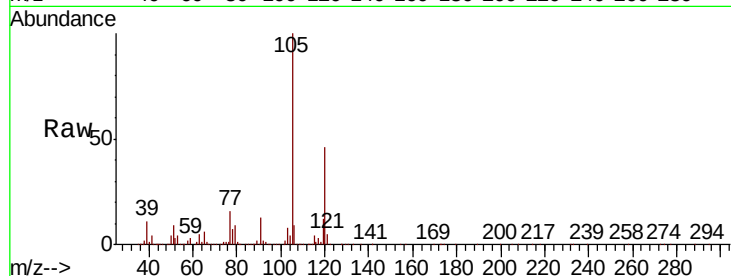
105 100

120 45.6 36.9 55.3

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#74

1,2,4-Trimethylbenzene

Concen: 10.136 ppbv

RT: 16.75 min Scan# 4343

Delta R.T. 0.01 min

Lab File: VL036394.D

Acq: 25 Feb 2021 23:14

Tgt Ion:105 Resp: 4102955

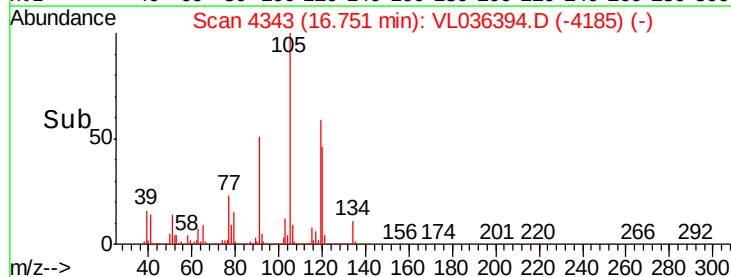
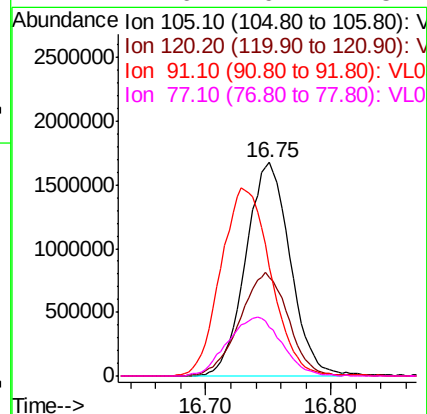
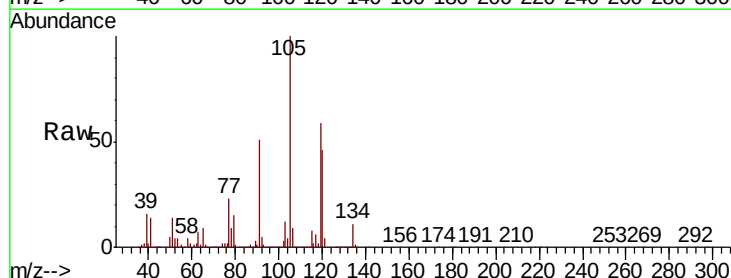
Ion Ratio Lower Upper

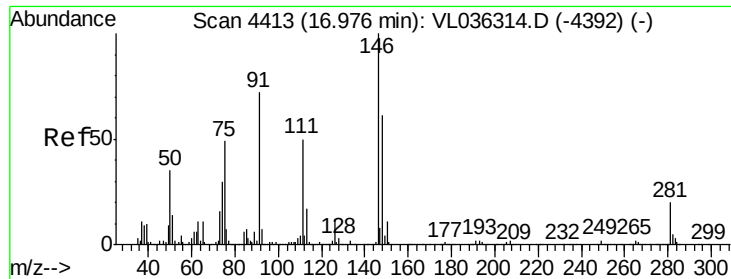
105 100

120 45.9 35.8 53.6

91 50.6 39.8 59.6

77 22.6 19.1 28.7





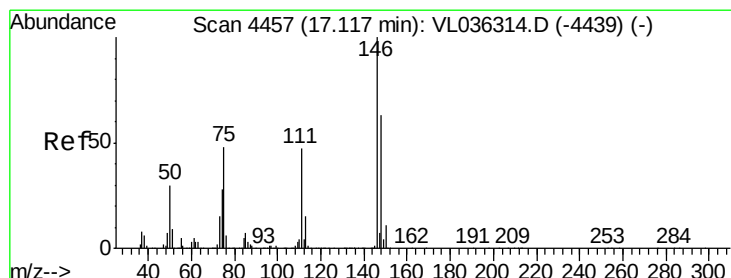
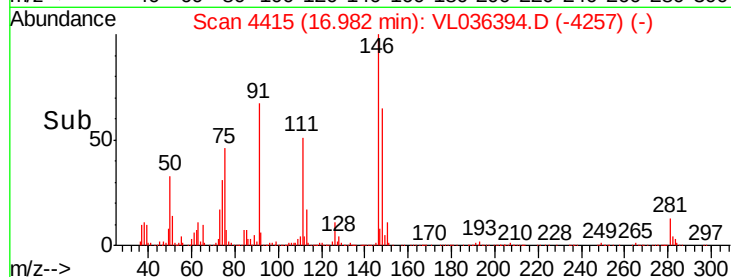
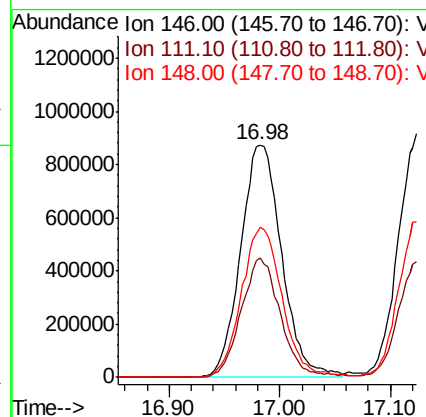
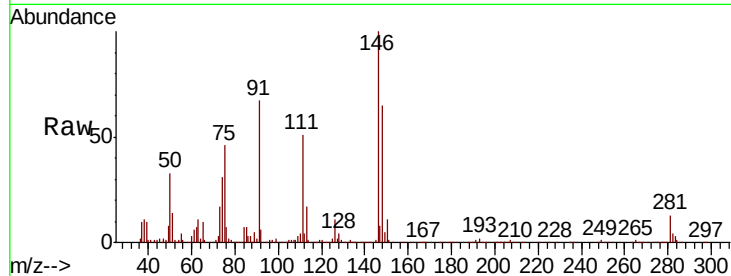
#75
 1,3-Dichlorobenzene
 Concen: 10.237 ppbv
 RT: 16.98 min Scan# 4415
 Delta R.T. 0.01 min
 Lab File: VL036394.D
 Acq: 25 Feb 2021 23:14

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	49.2	24.9	74.6
148	64.6	31.9	95.9

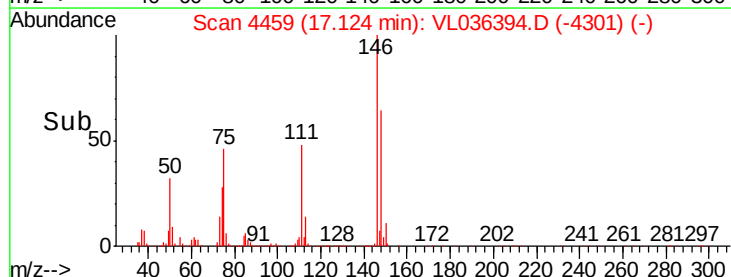
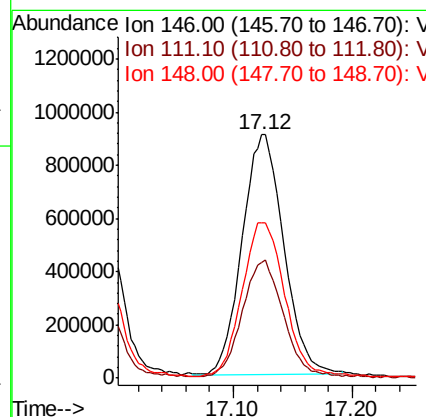
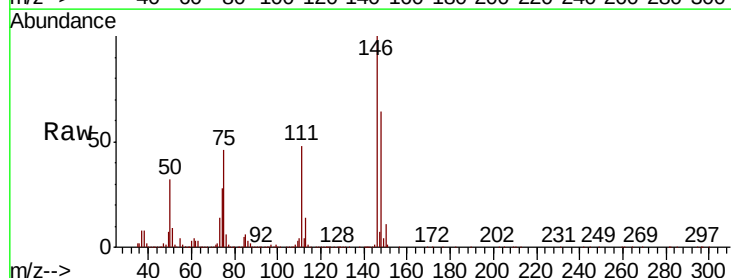
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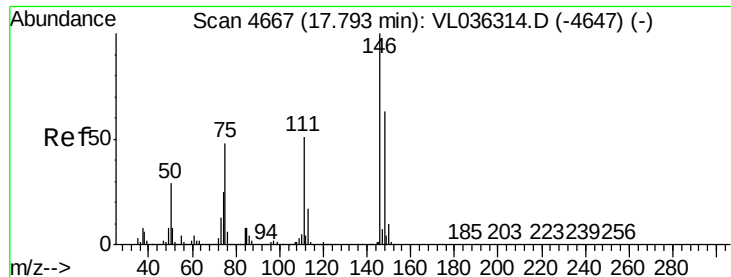
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#76
 1,4-Dichlorobenzene
 Concen: 9.591 ppbv
 RT: 17.12 min Scan# 4459
 Delta R.T. 0.01 min
 Lab File: VL036394.D
 Acq: 25 Feb 2021 23:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	49.2	23.6	71.0
148	68.1	31.6	95.0





#77

1,2-Dichlorobenzene

Concen: 10.142 ppbv

RT: 17.81 min Scan# 4671

Delta R.T. 0.01 min

Lab File: VL036394.D

Acq: 25 Feb 2021 23:14

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion:146 Resp: 2210630

Ion Ratio Lower Upper

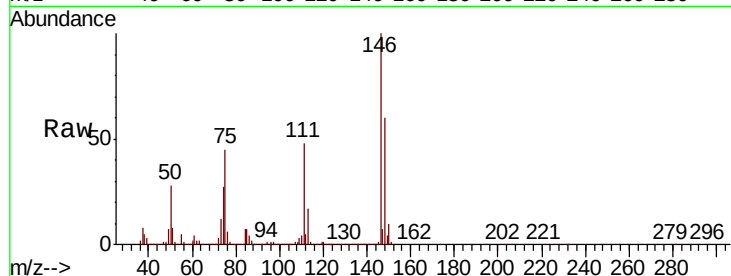
146 100

111 51.1 25.9 77.8

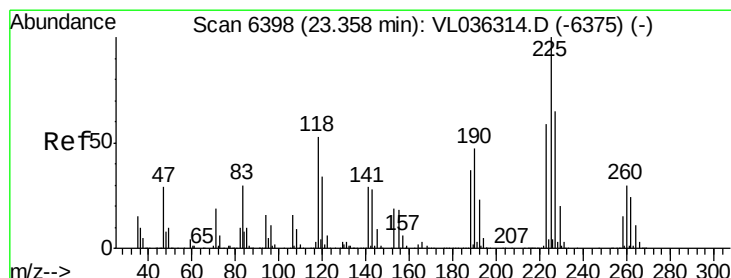
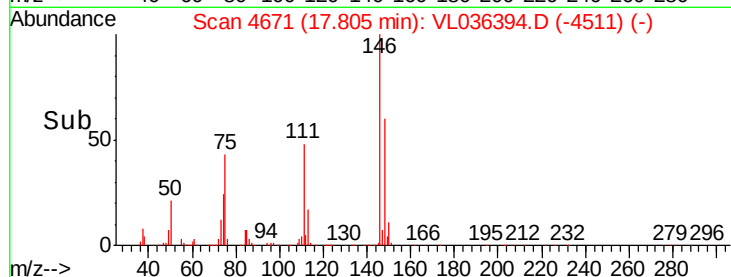
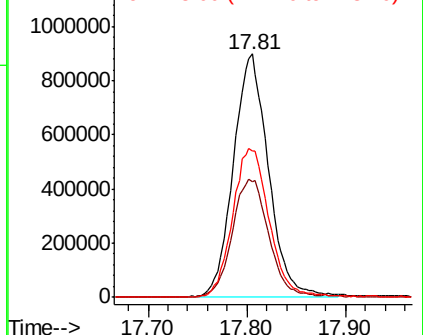
148 64.3 32.5 97.4

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Abundance Ion 146.00 (145.70 to 146.70): V
Ion 111.10 (110.80 to 111.80): V
Ion 148.00 (147.70 to 148.70): V



#78

Hexachloro-1,3-Butadiene

Concen: 9.720 ppbv

RT: 23.36 min Scan# 6399

Delta R.T. 0.00 min

Lab File: VL036394.D

Acq: 25 Feb 2021 23:14

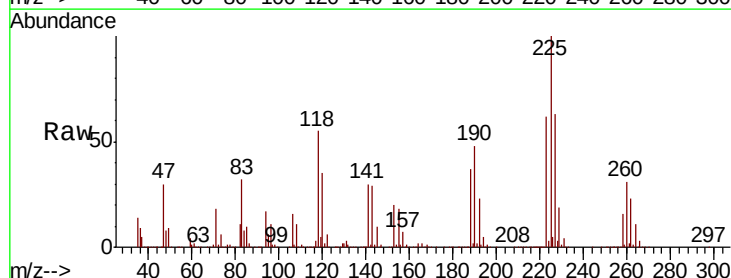
Tgt Ion:225 Resp: 1730936

Ion Ratio Lower Upper

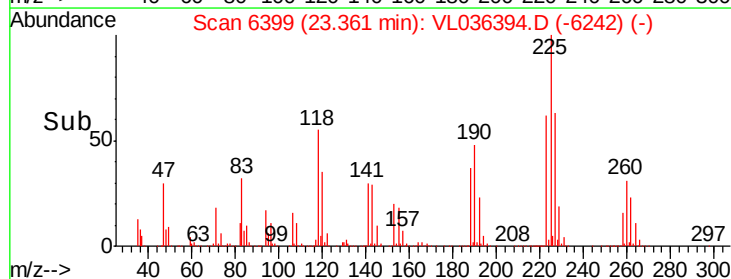
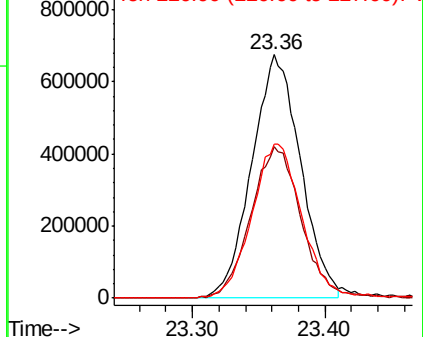
225 100

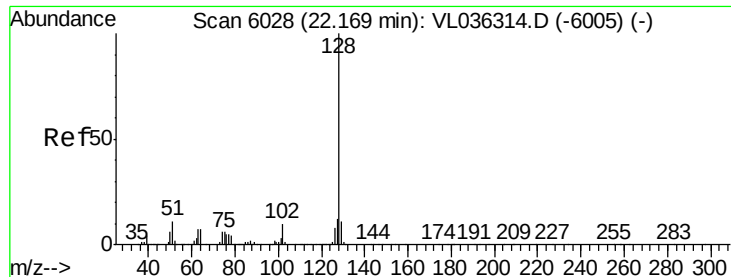
223 64.6 50.8 76.2

227 65.9 52.2 78.2



Abundance Ion 224.90 (224.60 to 225.60): V
Ion 222.90 (222.60 to 223.60): V
Ion 226.90 (226.60 to 227.60): V





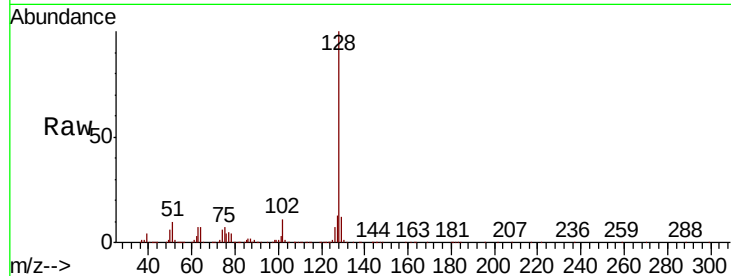
#79
Naphthalene
Concen: 14.860 ppbv
RT: 22.18 min Scan# 6032
Delta R.T. 0.01 min
Lab File: VL036394.D
Acq: 25 Feb 2021 23:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

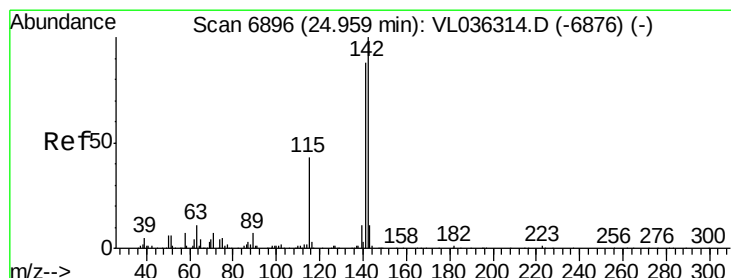
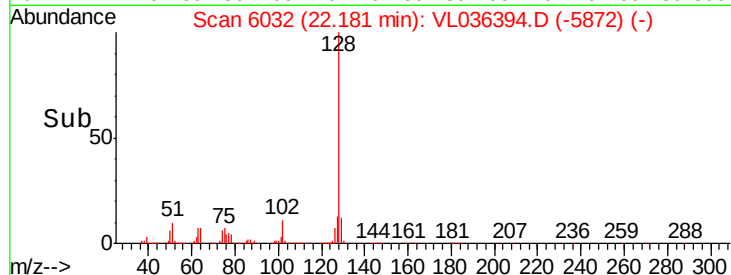
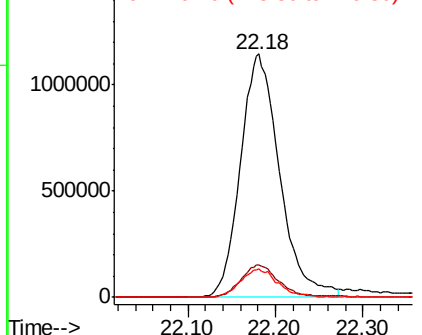
Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	9.6	14.4
129	11.8	8.5	12.7

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3/1/2021 10:03:23 AM

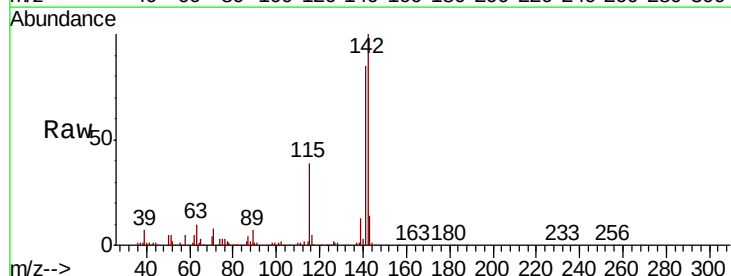


Abundance Ion 128.10 (127.80 to 128.80): V
Ion 127.10 (126.80 to 127.80): V
Ion 129.10 (128.80 to 129.80): V

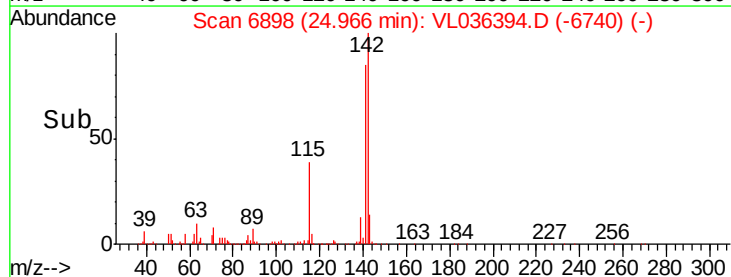
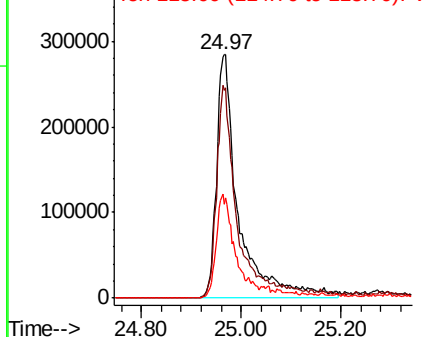


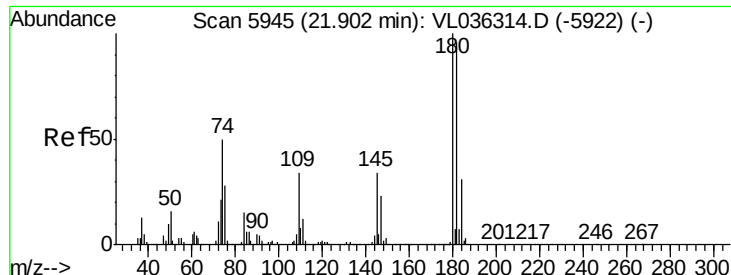
#80
Naphthalene, 2-methyl-
Concen: 19.740 ppbv
RT: 24.97 min Scan# 6898
Delta R.T. 0.01 min
Lab File: VL036394.D
Acq: 25 Feb 2021 23:14

Tgt Ion	Ratio	Lower	Upper
142	100		
141	84.7	64.4	96.6
115	38.8	34.6	51.8



Abundance Ion 142.00 (141.70 to 142.70): V
Ion 141.00 (140.70 to 141.70): V
Ion 115.00 (114.70 to 115.70): V





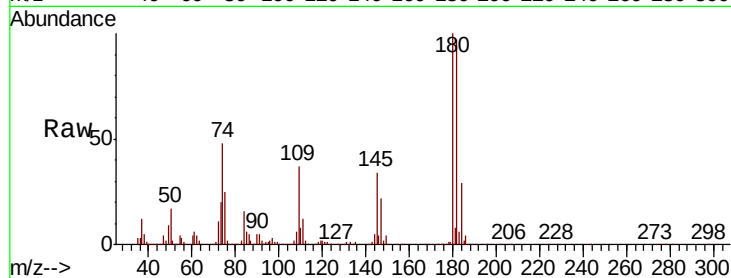
#81
 1,2,4-Trichlorobenzene
 Concen: 12.279 ppbv
 RT: 21.91 min Scan# 5948
 Delta R.T. 0.01 min
 Lab File: VL036394.D
 Acq: 25 Feb 2021 23:14

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	102.3	80.2	120.4
184	32.4	25.0	37.6

Manual Integrations
 APPROVED

MMDadoda
 3/1/2021 10:03:23 AM



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

