

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL061621\
 Data File : VL037164.D
 Acq On : 16 Jun 2021 9:10
 Operator : SY/AP
 Sample : VSTDICCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Manual Integrations
 APPROVED

MMDadoda
 6/25/2021 10:54:00 PM

Quant Time: Jun 16 14:06:03 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Jun 14 16:49:11 2021
 QLast Update : Mon Jun 14 16:49:11 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1577258	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	4661376	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	4296553m	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	3386230	10.70	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	107.00%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.05	85	2362816	9.406 ppbv	99
3) Chlorodifluoromethane	2.99	51	2730249	9.228 ppbv	100
4) Chloromethane	3.14	50	948572	9.409 ppbv	96
5) Vinyl Chloride	3.26	62	1030379	10.564 ppbv	99
6) Bromomethane	3.47	94	629231	10.142 ppbv	98
7) Chloroethane	3.56	64	360750	9.479 ppbv	98
8) Dichlorotetrafluoroethane	3.19	85	2525968	9.412 ppbv	100
9) Propene	3.01	41	888620	9.105 ppbv	99
10) Heptane	8.13	43	2244706	9.648 ppbv	100
11) Trichlorofluoromethane	3.96	101	2665425	9.352 ppbv	98
12) 1,1,2-Trichlorotrifluoroet	4.49	101	1887878	9.655 ppbv	98
13) Ethanol	3.62	45	125760m	9.326 ppbv	
14) Bromoethene	3.74	108	816128	9.647 ppbv	100
15) Acetone	3.86	43	1307117	6.926 ppbv	99
16) 1,3-Butadiene	3.33	39	999555	9.809 ppbv	99
17) tert-Butyl alcohol	4.29	59	1673897	10.248 ppbv	100
18) 1,1-Dichloroethene	4.29	96	846883	9.601 ppbv	96
19) Isopropyl Alcohol	3.97	45	1003844	9.693 ppbv	# 97
20) Methylene Chloride	4.35	84	718099m	8.730 ppbv	
21) Allyl Chloride	4.42	41	1248438	9.901 ppbv	99
22) trans-1,2-Dichloroethene	4.89	96	838939	9.762 ppbv	93
23) Vinyl Acetate	5.08	43	2392296	9.652 ppbv	98
24) 1,1-Dichloroethane	5.01	63	1937149	9.739 ppbv	99
25) Ethyl Acetate	5.68	43	3517297	9.511 ppbv	99
26) Hexane	5.69	57	1688591	9.181 ppbv	99
27) Carbon Disulfide	4.56	76	1990607	10.675 ppbv	99
28) Methyl tert-Butyl Ether	5.04	73	2229328	9.678 ppbv	99
29) Chloroform	5.76	83	2737611	9.221 ppbv	98
30) Cyclohexane	7.14	84	1481870	9.242 ppbv	96
31) cis-1,2-Dichloroethene	5.56	61	1677392	9.464 ppbv	98
32) 1,1,1-Trichloroethane	6.52	97	2871211	10.532 ppbv	100
34) 2-Butanone	5.25	43	1613943	9.219 ppbv	99
35) Carbon Tetrachloride	7.02	117	3078026	10.742 ppbv	99
36) Benzene	6.90	78	3557779	9.619 ppbv	99
37) 1,2-Dichloroethane	6.31	62	2077535	9.673 ppbv	100
38) Trichloroethene	7.84	130	1502390	9.400 ppbv	98
39) 1,2-Dichloropropane	7.62	63	1369891	9.700 ppbv	98
40) 1,4-Dioxane	7.84	88	379523	9.598 ppbv	95
41) Tetrahydrofuran	6.06	42	814098	9.555 ppbv	99
42) Bromodichloromethane	7.80	83	3012682	10.181 ppbv	99
43) Methyl Methacrylate	8.02	69	1310734	10.329 ppbv	98

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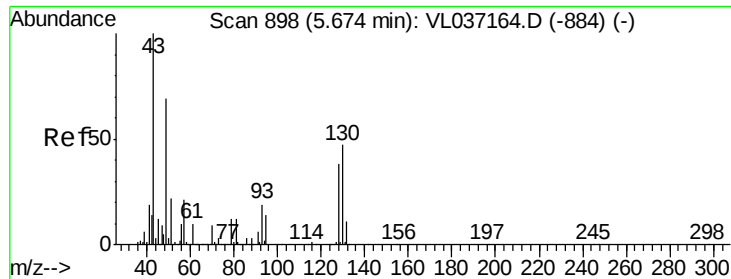
Manual Integrations
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Quant Time: Jun 16 14:06:03 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061621AIR.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.88	57	5826125	9.411	ppbv	99
45) t-1,3-Dichloropropene	9.29	75	1355392	11.853	ppbv	99
46) cis-1,3-Dichloropropene	8.71	75	1707894	11.194	ppbv	96
47) 1,1,2-Trichloroethane	9.48	97	1502585	9.381	ppbv	98
48) Dibromochloromethane	10.31	129	2680891	10.375	ppbv	99
49) Bromoform	13.05	173	2129835	10.551	ppbv	99
50) 4-Methyl-2-Pentanone	8.75	43	2469242	9.588	ppbv	99
51) 2-Hexanone	10.15	43	1232059	9.585	ppbv #	97
52) Tetrachloroethene	11.23	164	1478694	9.666	ppbv	96
53) Toluene	9.82	91	4249855	9.666	ppbv	99
54) 1,2-Dibromoethane	10.62	107	2234605	9.528	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.14	131	1814157	9.681	ppbv	98
57) Chlorobenzene	12.16	112	3203813	9.306	ppbv	98
58) Ethyl Benzene	12.72	91	5602483	9.626	ppbv	99
59) m/p-Xylene	13.00	91	9390947m	18.988	ppbv	
60) o-Xylene	13.70	91	4420010	9.308	ppbv	100
61) Styrene	13.54	104	2590496	10.348	ppbv	98
62) Isopropylbenzene	14.68	105	6155073	9.094	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.68	83	2868744	9.291	ppbv	99
64) n-propylbenzene	15.57	120	1660748	9.621	ppbv	99
65) tert-Butylbenzene	16.75	119	5482923	8.938	ppbv	100
66) Benzyl Chloride	17.00	91	236018	8.815	ppbv	98
67) sec-Butylbenzene	17.30	105	7288806	8.943	ppbv	99
69) p-Isopropyltoluene	17.66	119	6322967	9.280	ppbv	99
70) n-Butylbenzene	18.56	91	5946618	9.539	ppbv	100
71) 2-Chlorotoluene	15.46	91	4438348	9.193	ppbv	99
72) 4-Ethyltoluene	15.85	105	5224456	9.471	ppbv	99
73) 1,3,5-Trimethylbenzene	16.01	105	4753633	9.086	ppbv	100
74) 1,2,4-Trimethylbenzene	16.77	105	4972523	9.340	ppbv	99
75) 1,3-Dichlorobenzene	17.00	146	3028936	9.240	ppbv	100
76) 1,4-Dichlorobenzene	17.15	146	2885468	8.863	ppbv	97
77) 1,2-Dichlorobenzene	17.82	146	2857393	8.841	ppbv	100
78) Hexachloro-1,3-Butadiene	23.38	225	2169101	9.467	ppbv	100
79) Naphthalene	22.21	128	4615484	14.404	ppbv	99
80) Naphthalene, 2-methyl-	24.98	142	1410446	18.193	ppbv	96
81) 1,2,4-Trichlorobenzene	21.94	180	2503569	12.283	ppbv	99

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 898

Delta R.T. 0.00 min

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Instrument :

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ClientSampleId :

VSTDICCC010

Tot Ion: 49 Resp: 1577258

Ion Ratio Lower Upper

49 100

128 58.7 28.8 86.5

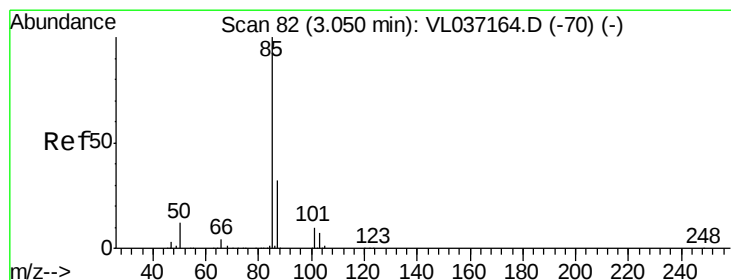
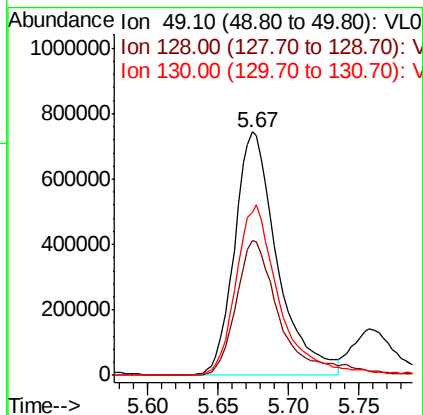
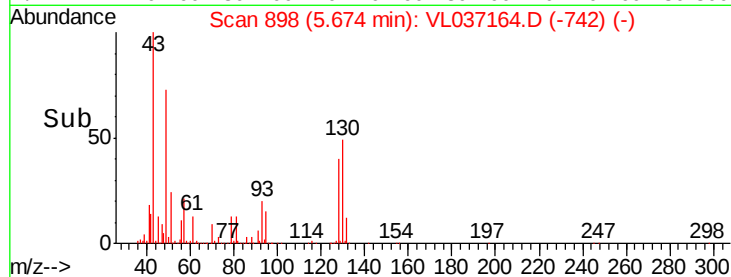
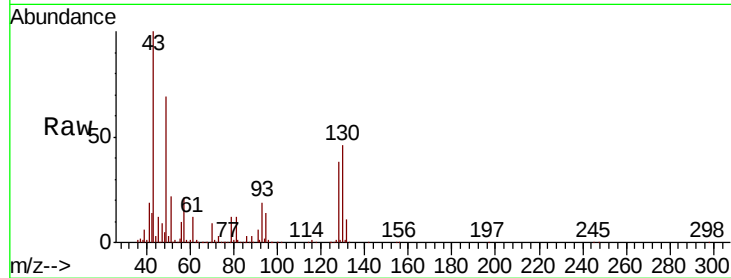
130 71.9 36.0 108.0

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#2

Dichlorodifluoromethane

Concen: 9.406 ppbv

RT: 3.05 min Scan# 82

Delta R.T. 0.00 min

Lab File: VL037164.D

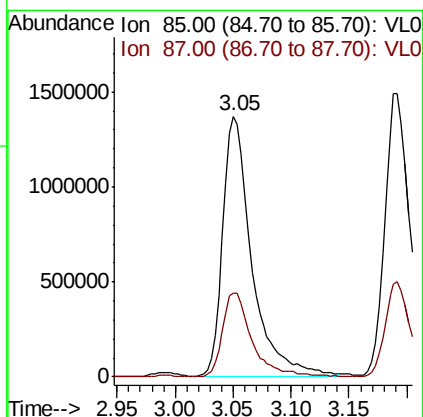
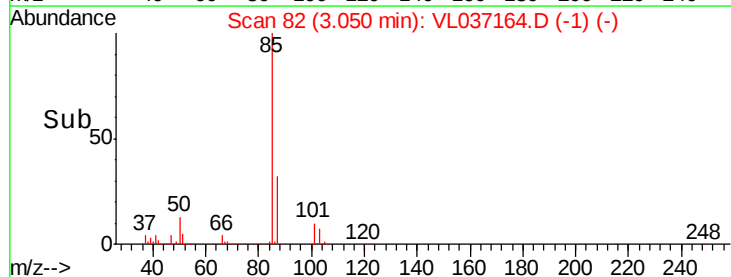
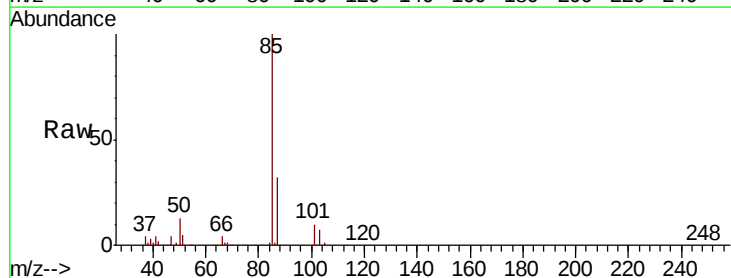
Acq: 16 Jun 2021 9:10

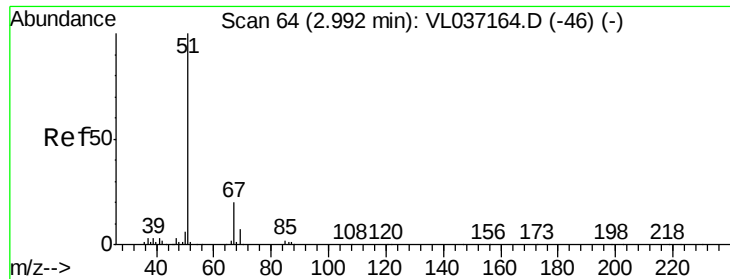
Tgt Ion: 85 Resp: 2362816

Ion Ratio Lower Upper

85 100

87 32.2 26.4 39.6





#3

Chlorodifluoromethane

Concen: 9.228 ppbv

RT: 2.99 min Scan# 64

Delta R.T. 0.00 min

Lab File: VL037164.D

Acq: 16 Jun 2021 9:10

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tot Ion: 51 Resp: 2730249

Ion Ratio Lower Upper

51 100

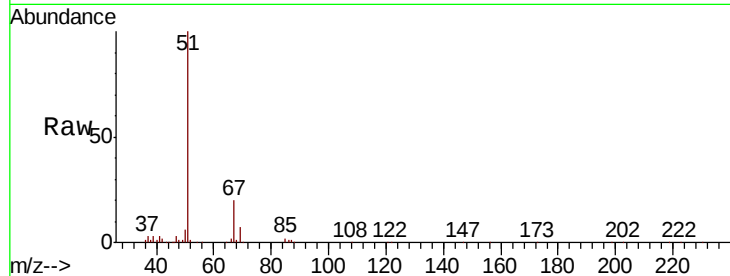
67 19.7 15.9 23.9

Manual Integrations

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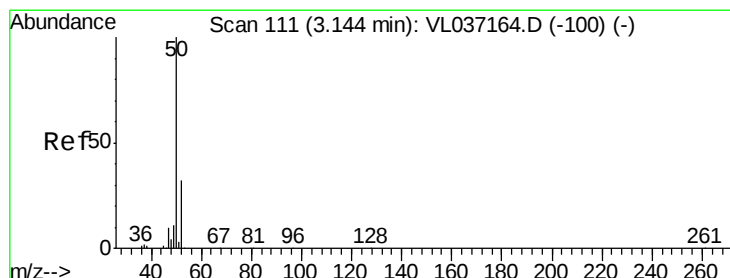
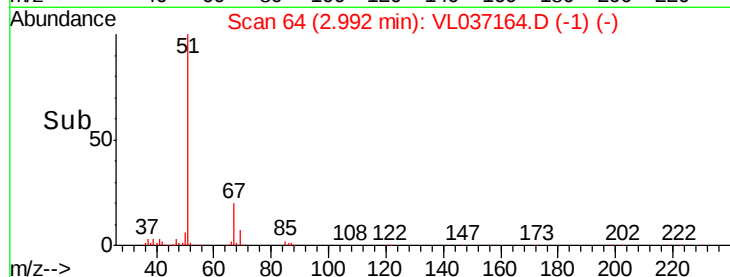
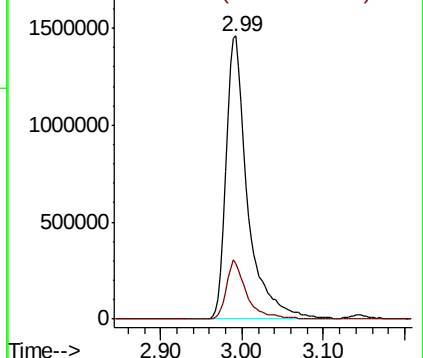
MMDadoda

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Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 9.409 ppbv

RT: 3.14 min Scan# 111

Delta R.T. 0.00 min

Lab File: VL037164.D

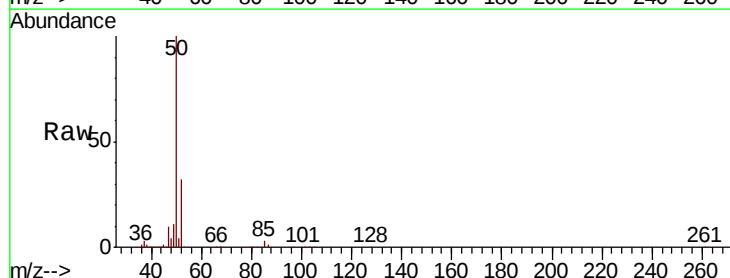
Acq: 16 Jun 2021 9:10

Tgt Ion: 50 Resp: 948572

Ion Ratio Lower Upper

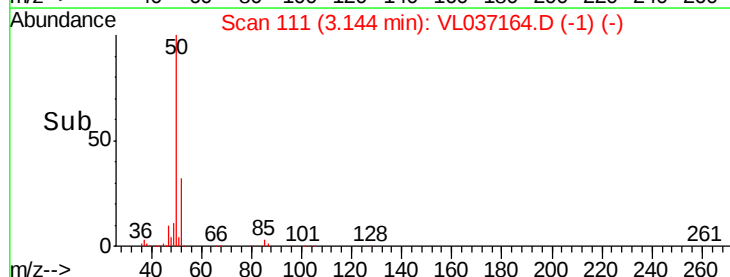
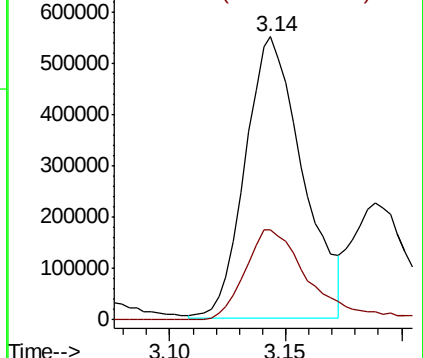
50 100

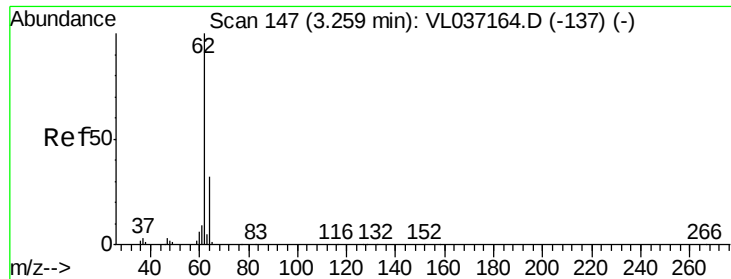
52 32.3 27.4 41.2



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 10.564 ppbv

RT: 3.26 min Scan# 147

Delta R.T. 0.00 min

Lab File: VL037164.D

Acq: 16 Jun 2021 9:10

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tot Ion: 62 Resp: 1030379

Ion Ratio Lower Upper

62 100

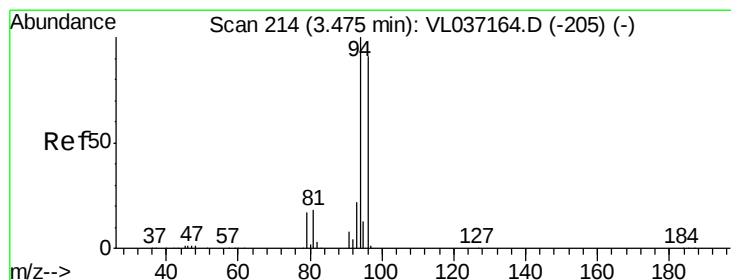
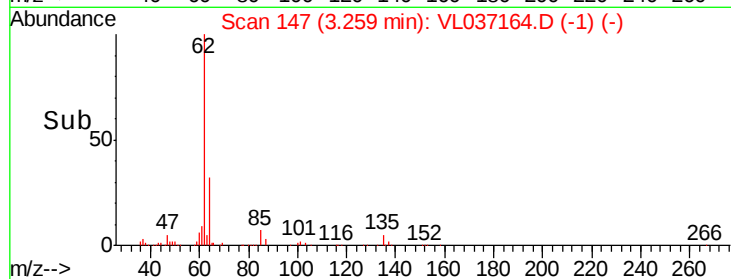
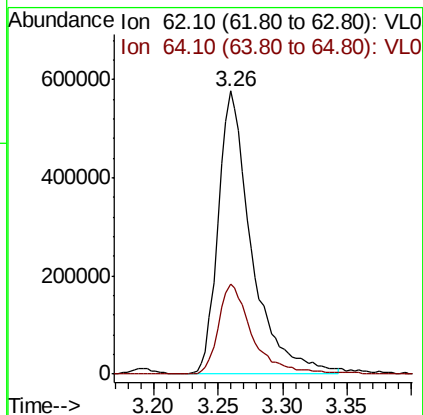
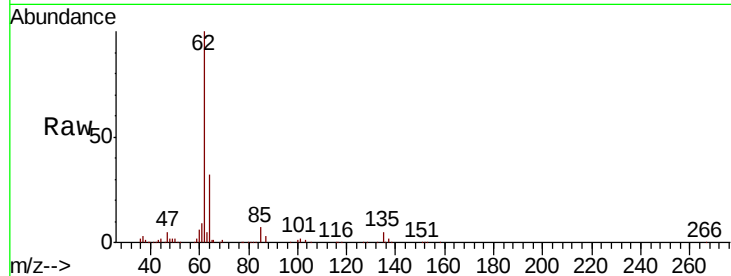
64 32.0 25.2 37.8

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#6

Bromomethane

Concen: 10.142 ppbv

RT: 3.47 min Scan# 214

Delta R.T. -0.00 min

Lab File: VL037164.D

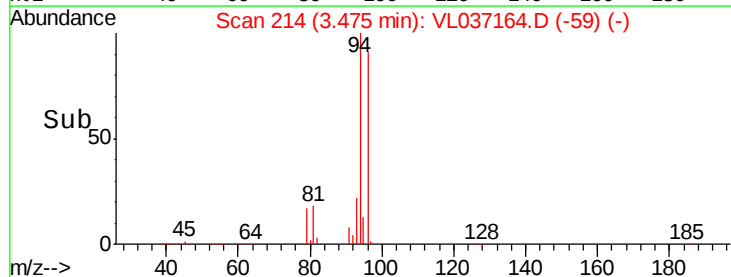
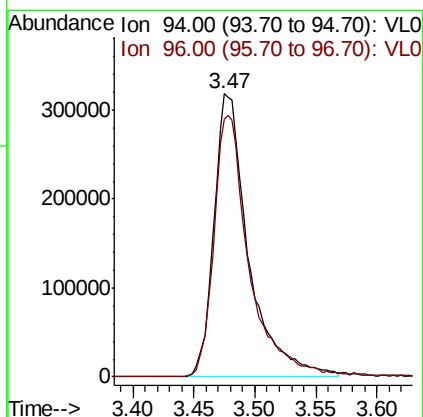
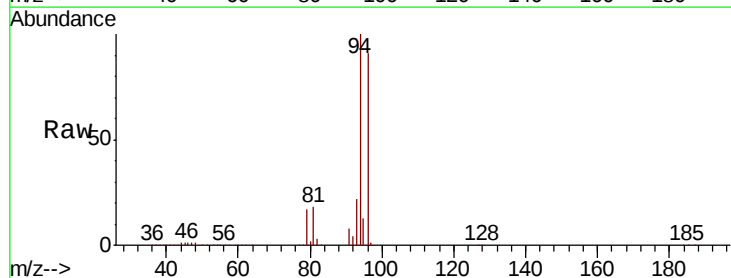
Acq: 16 Jun 2021 9:10

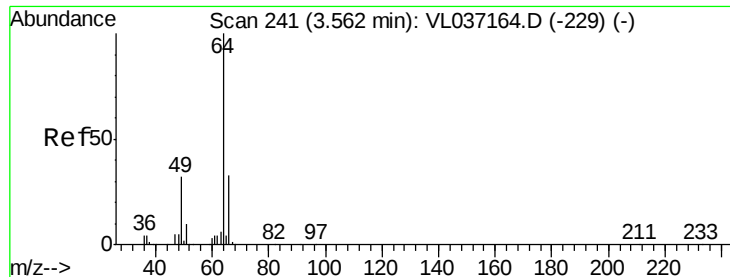
Tgt Ion: 94 Resp: 629231

Ion Ratio Lower Upper

94 100

96 90.7 74.2 111.2





#7

Chloroethane

Concen: 9.479 ppbv

RT: 3.56 min Scan# 241

Delta R.T. 0.00 min

Lab File: VL037164.D

Acq: 16 Jun 2021 9:10

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tot Ion: 64 Resp: 360750

Ion Ratio Lower Upper

64 100

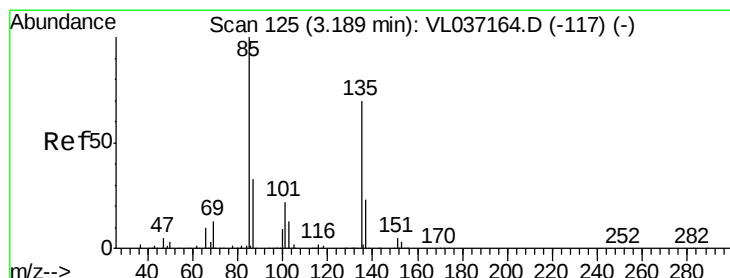
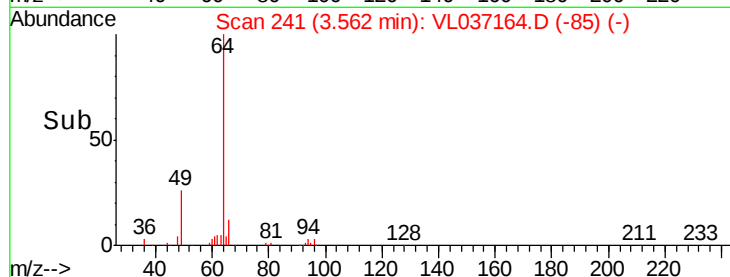
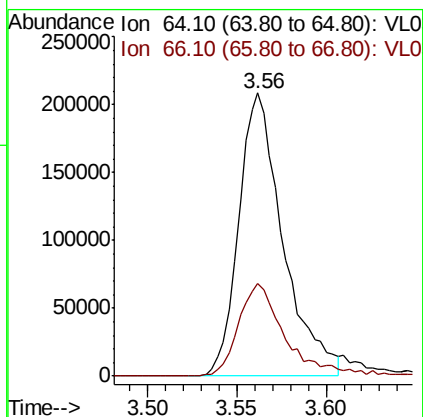
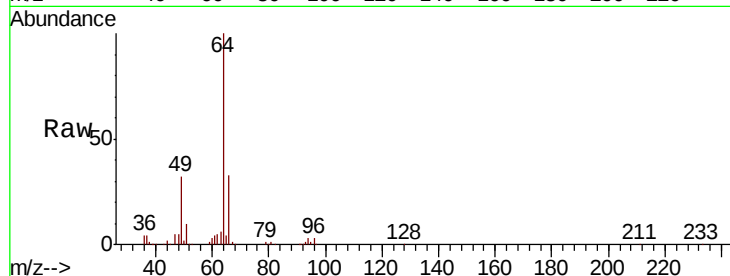
66 32.8 25.3 37.9

Manual Integrations

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#8

Dichlorotetrafluoroethane

Concen: 9.412 ppbv

RT: 3.19 min Scan# 125

Delta R.T. -0.00 min

Lab File: VL037164.D

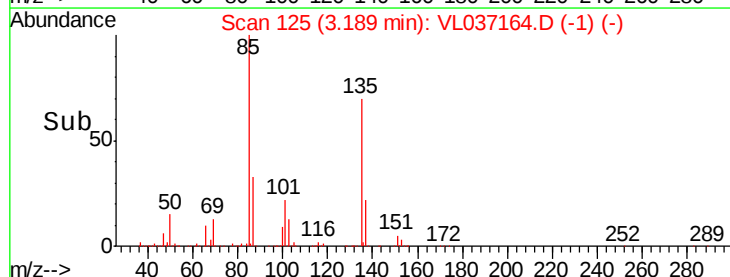
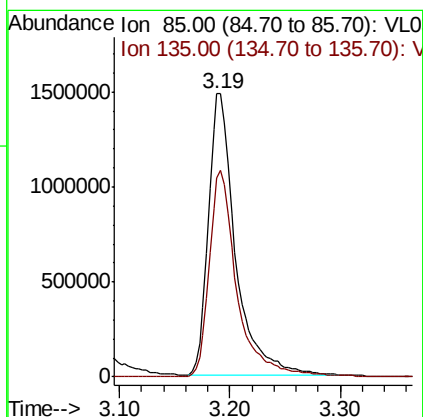
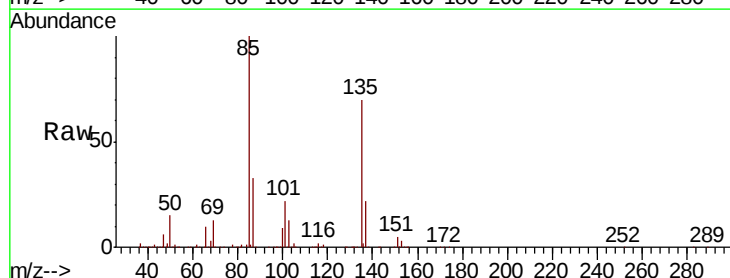
Acq: 16 Jun 2021 9:10

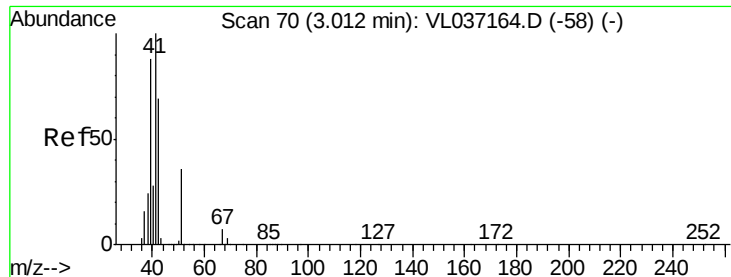
Tgt Ion: 85 Resp: 2525968

Ion Ratio Lower Upper

85 100

135 75.5 60.3 90.5





#9

Propene

Concen: 9.105 ppbv

RT: 3.01 min Scan# 70

Delta R.T. 0.00 min

Lab File: VL037164.D

Acq: 16 Jun 2021 9:10

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tot Ion: 41 Resp: 888620

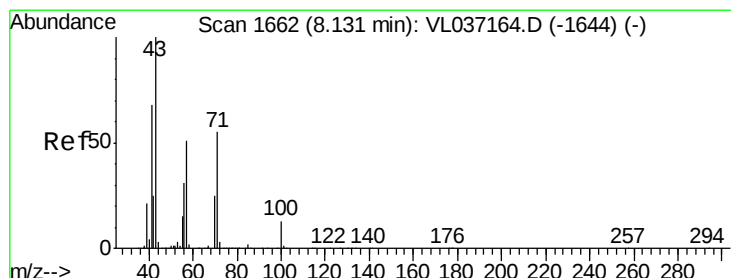
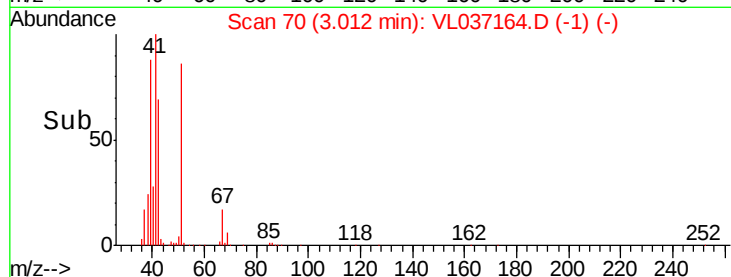
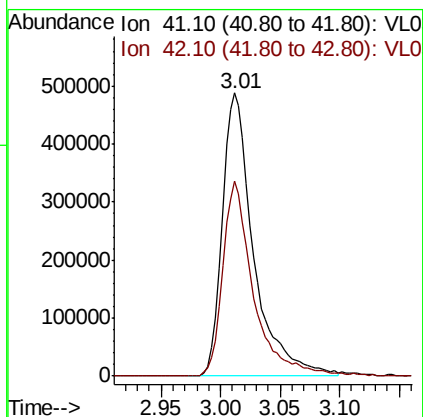
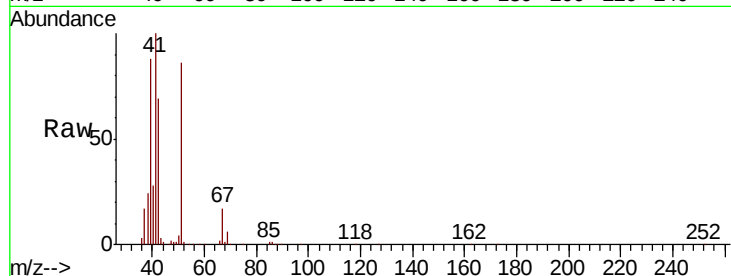
Ion Ratio Lower Upper

41 100

42 68.1 53.8 80.8

Manual Integrations
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#10

Heptane

Concen: 9.648 ppbv

RT: 8.13 min Scan# 1662

Delta R.T. -0.00 min

Lab File: VL037164.D

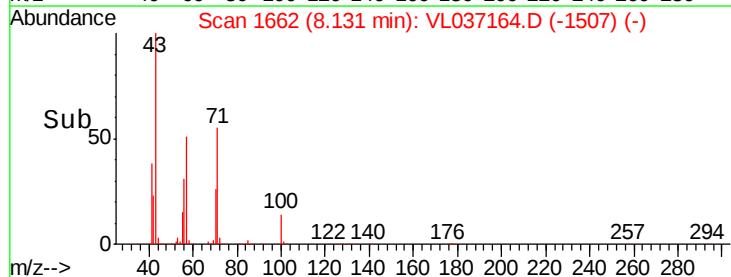
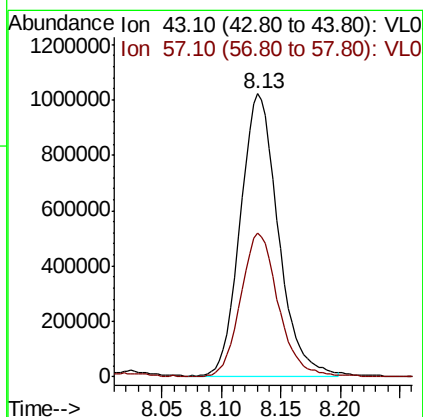
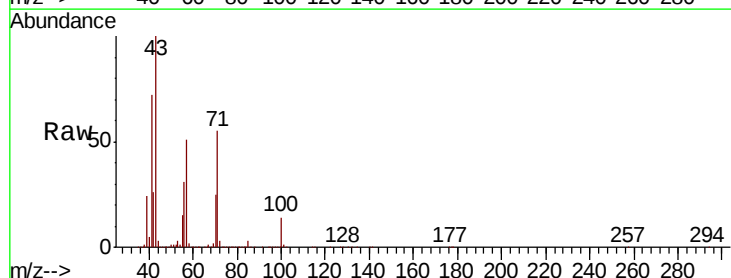
Acq: 16 Jun 2021 9:10

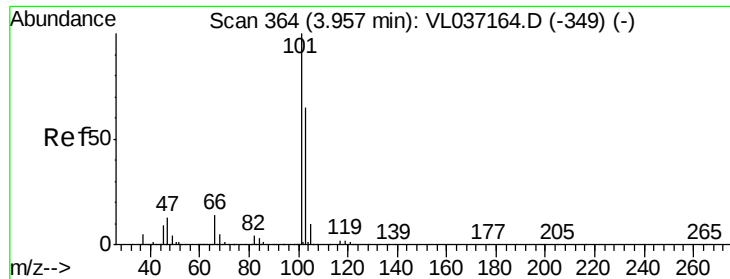
Tgt Ion: 43 Resp: 2244706

Ion Ratio Lower Upper

43 100

57 50.8 40.5 60.7





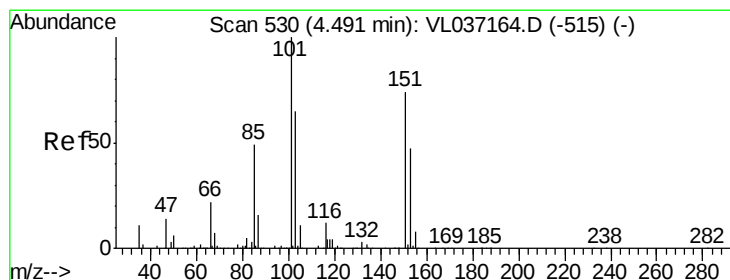
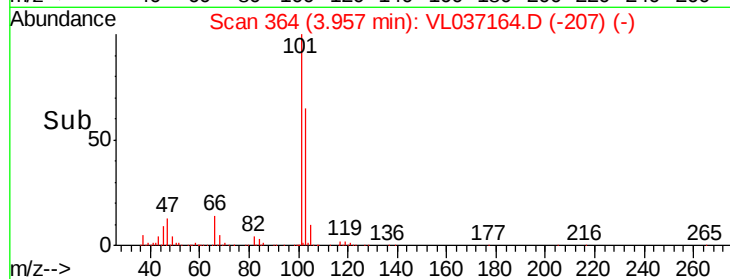
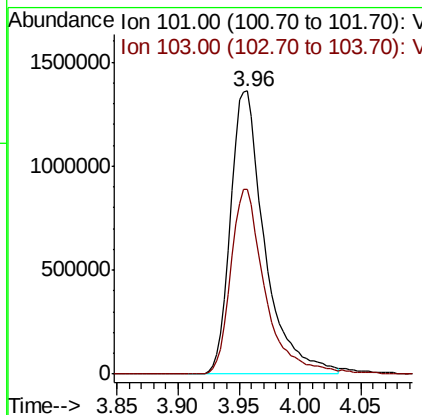
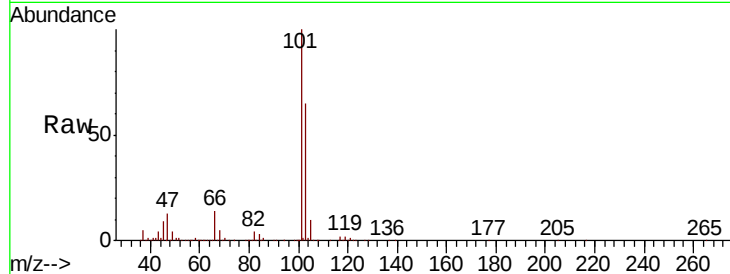
#11
 Trichlorofluoromethane
 Concen: 9.352 ppbv
 RT: 3.96 min Scan# 364
 Delta R.T. 0.00 min
 Lab File: VL037164.D
 Acq: 16 Jun 2021 9:10

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tot Ion:101 Resp: 2665425
 Ion Ratio Lower Upper
 101 100
 103 65.3 53.6 80.4

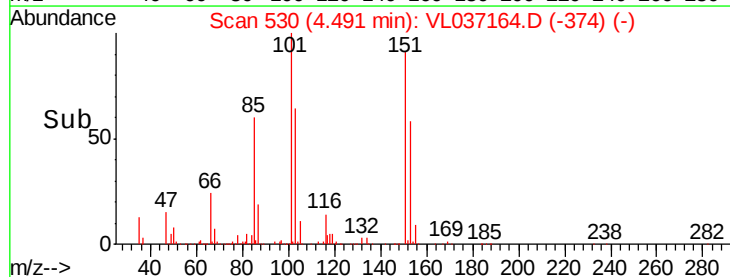
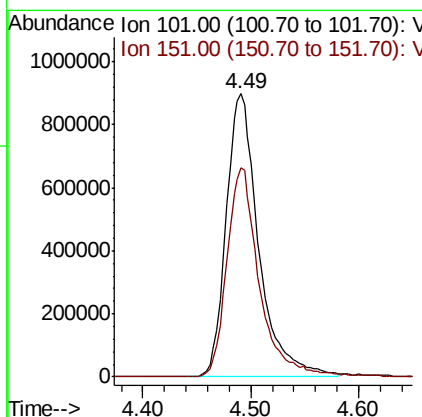
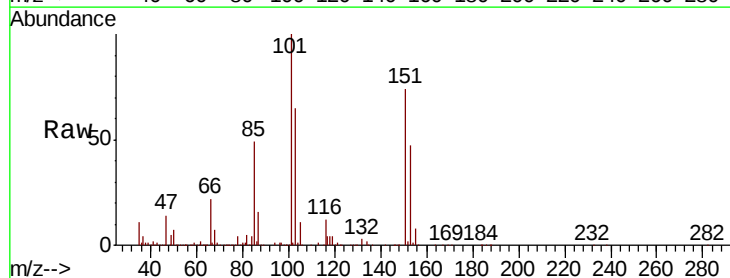
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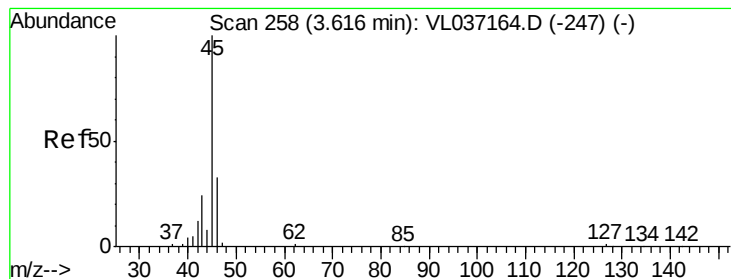
MMDadoda
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#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.655 ppbv
 RT: 4.49 min Scan# 530
 Delta R.T. 0.00 min
 Lab File: VL037164.D
 Acq: 16 Jun 2021 9:10

Tgt Ion:101 Resp: 1887878
 Ion Ratio Lower Upper
 101 100
 151 73.9 60.5 90.7





#13

Ethanol

Concen: 9.326 ppbv m

RT: 3.62 min Scan# 258

Delta R.T. 0.00 min

Lab File: VL037164.D

Acq: 16 Jun 2021 9:10

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tot Ion: 45 Resp: 125760

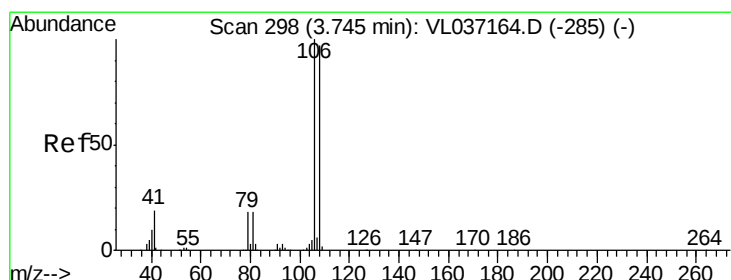
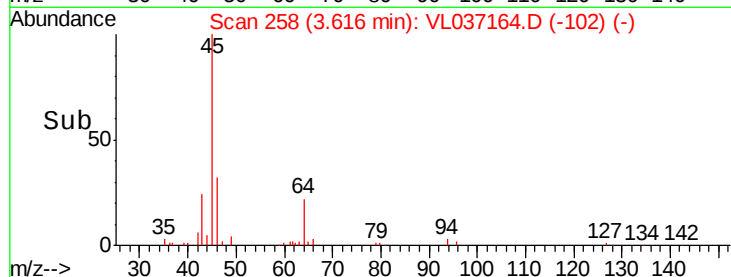
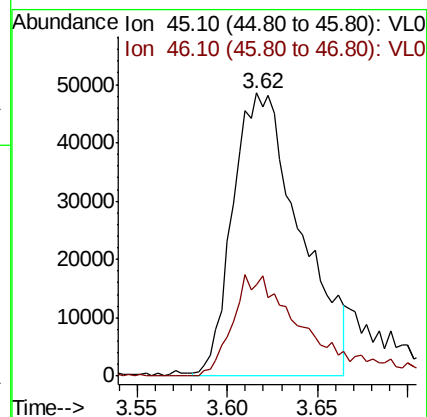
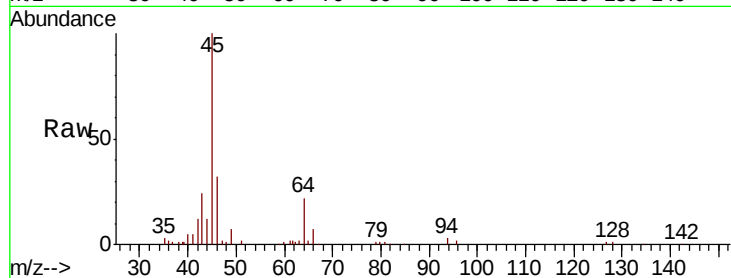
Ion Ratio Lower Upper

45 100

46 38.7 15.4 61.8

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#14

Bromoethene

Concen: 9.647 ppbv

RT: 3.74 min Scan# 298

Delta R.T. 0.00 min

Lab File: VL037164.D

Acq: 16 Jun 2021 9:10

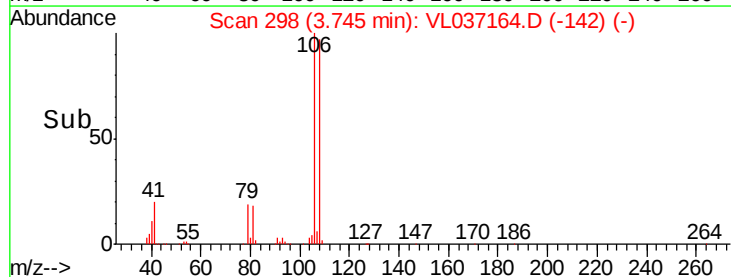
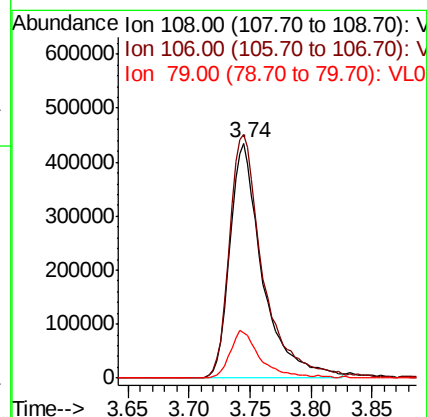
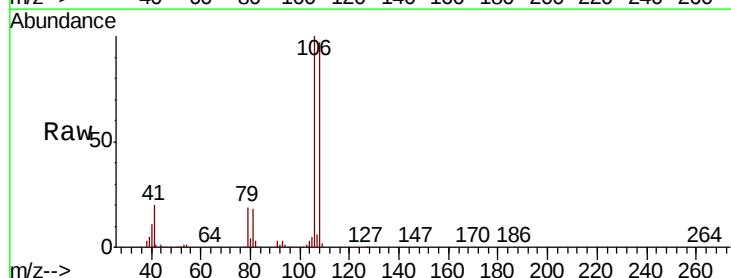
Tgt Ion: 108 Resp: 816128

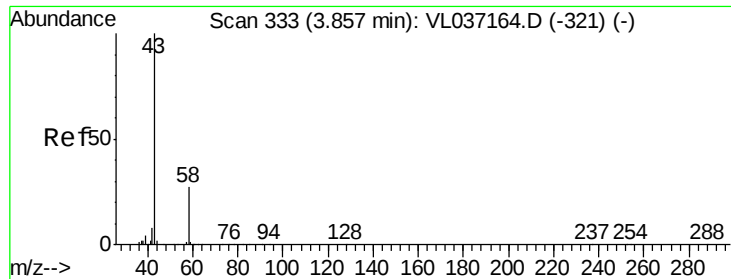
Ion Ratio Lower Upper

108 100

106 108.5 86.5 129.7

79 19.5 15.4 23.2





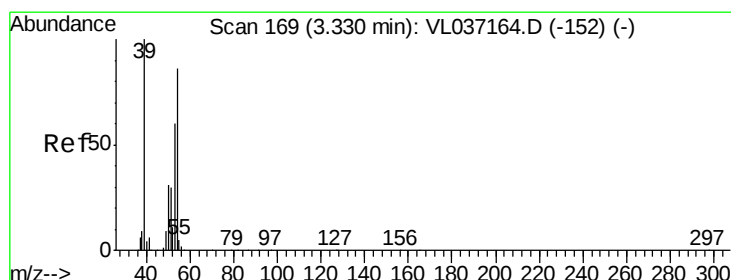
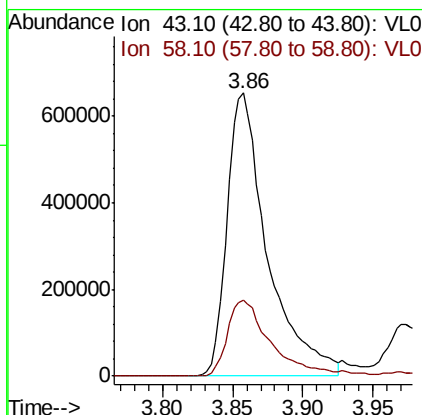
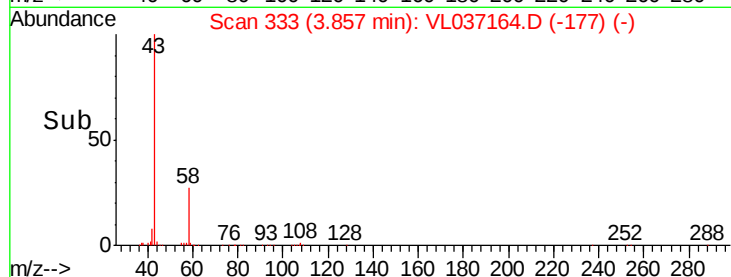
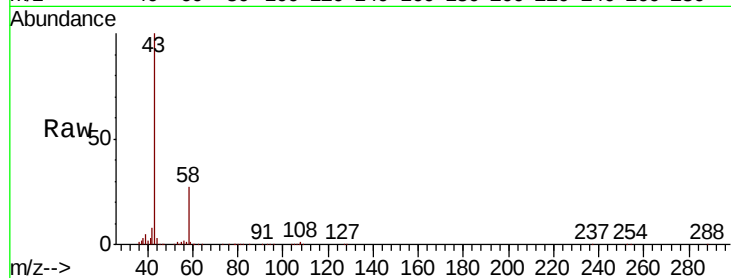
#15
Acetone
Concen: 6.926 ppbv
RT: 3.86 min Scan# 333
Delta R.T. 0.00 min
Lab File: VL037164.D
Acq: 16 Jun 2021 9:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tot Ion: 43 Resp: 1307117
Ion Ratio Lower Upper
43 100
58 29.6 23.0 34.6

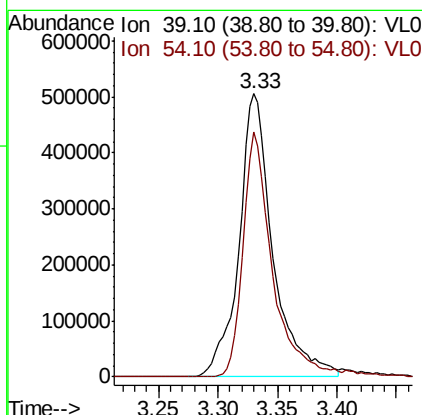
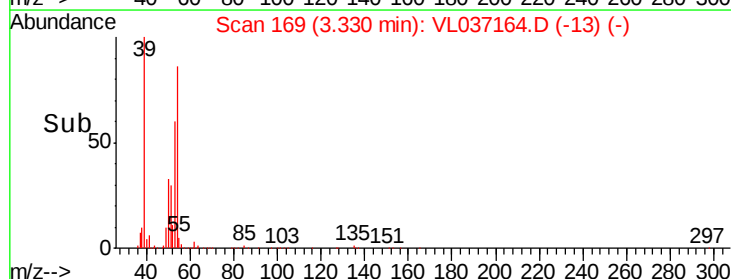
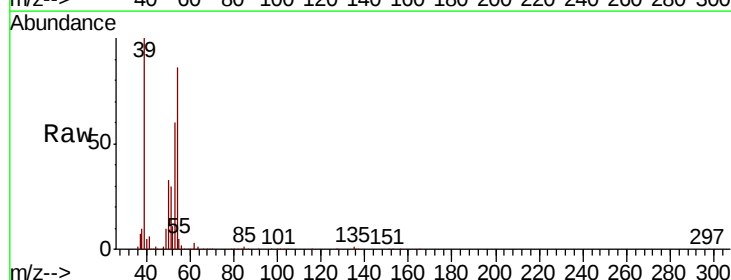
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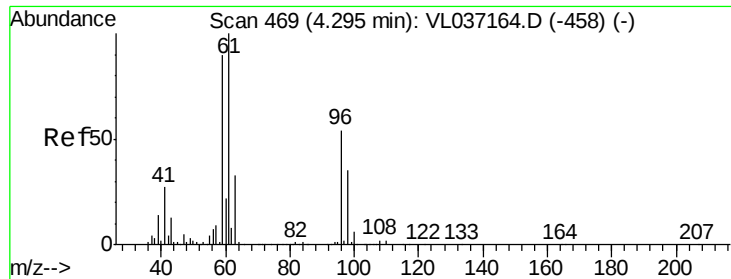
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#16
1,3-Butadiene
Concen: 9.809 ppbv
RT: 3.33 min Scan# 169
Delta R.T. 0.00 min
Lab File: VL037164.D
Acq: 16 Jun 2021 9:10

Tgt Ion: 39 Resp: 999555
Ion Ratio Lower Upper
39 100
54 76.5 61.8 92.6





#17

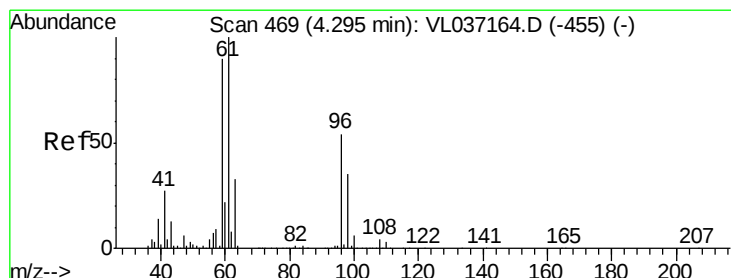
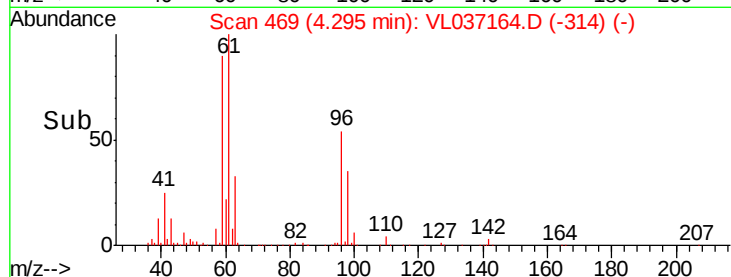
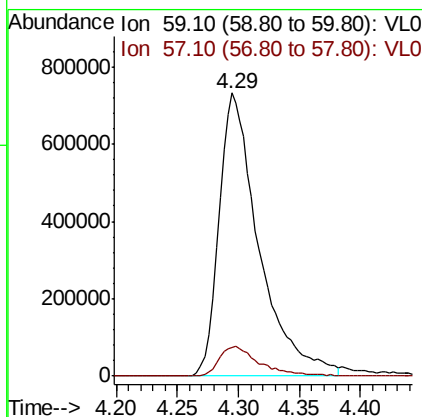
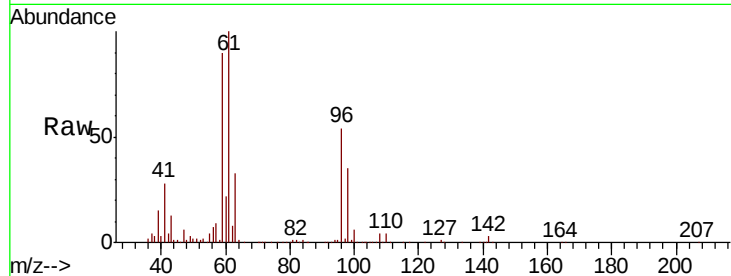
tert-Butyl alcohol
Concen: 10.248 ppbv
RT: 4.29 min Scan# 469
Delta R.T. -0.00 min
Lab File: VL037164.D
Acq: 16 Jun 2021 9:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tot Ion: 59 Resp: 1673897
Ion Ratio Lower Upper
59 100
57 11.0 8.8 13.2

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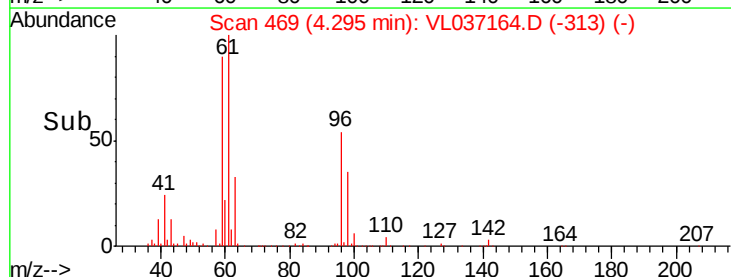
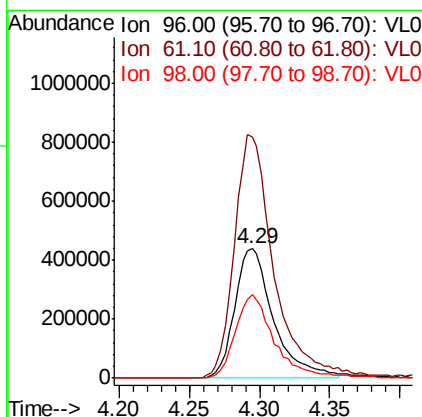
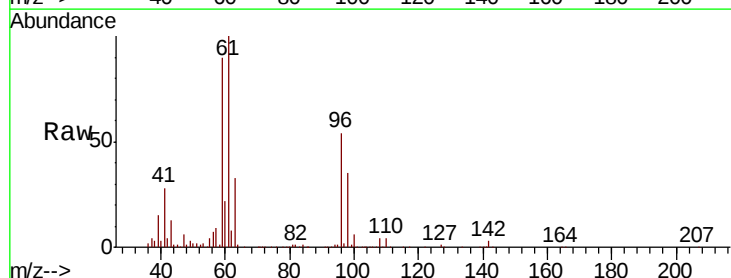
MMDadoda
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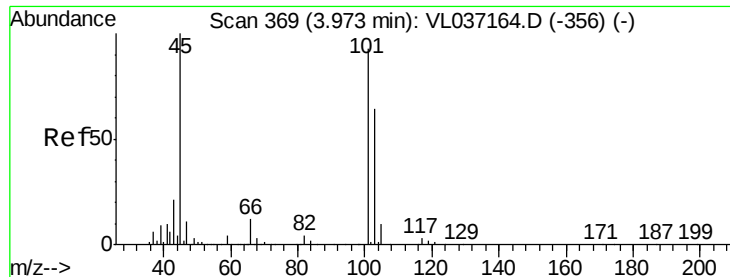


#18

1,1-Dichloroethene
Concen: 9.601 ppbv
RT: 4.29 min Scan# 469
Delta R.T. 0.00 min
Lab File: VL037164.D
Acq: 16 Jun 2021 9:10

Tgt Ion: 96 Resp: 846883
Ion Ratio Lower Upper
96 100
61 185.7 154.0 231.0
98 64.9 52.3 78.5





#19

Isopropyl Alcohol

Concen: 9.693 ppbv

RT: 3.97 min Scan# 369

Delta R.T. 0.00 min

Lab File: VL037164.D

Acq: 16 Jun 2021 9:10

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tot Ion: 45 Resp: 1003844

Ion Ratio Lower Upper

45 100

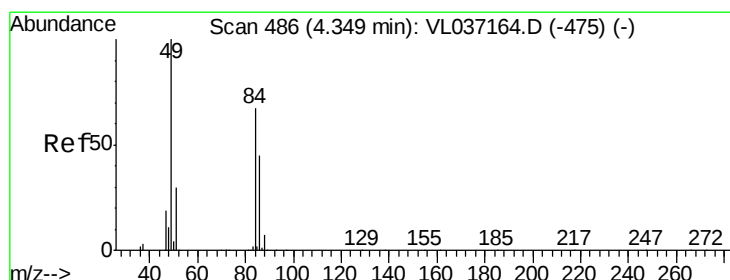
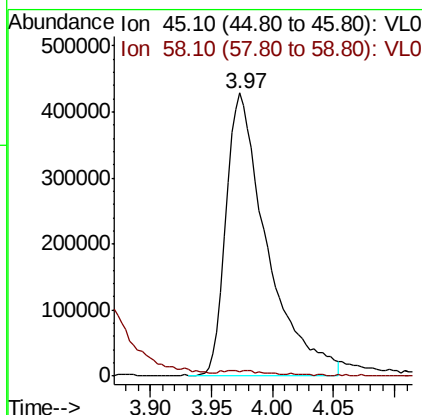
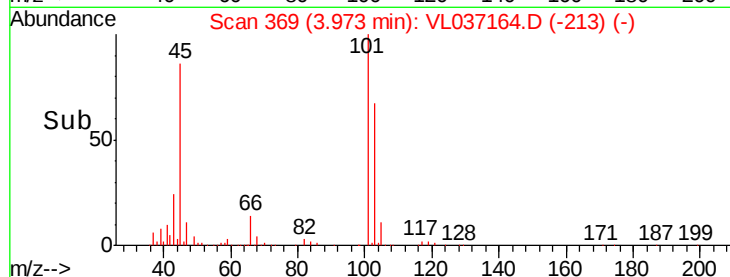
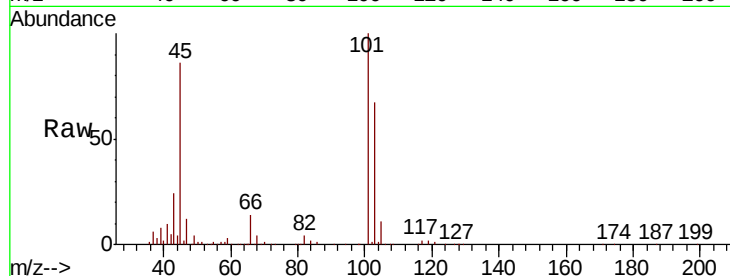
58 3.0 1.4 2.2#

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#20

Methylene Chloride

Concen: 8.730 ppbv m

RT: 4.35 min Scan# 486

Delta R.T. 0.00 min

Lab File: VL037164.D

Acq: 16 Jun 2021 9:10

Tgt Ion: 84 Resp: 718099

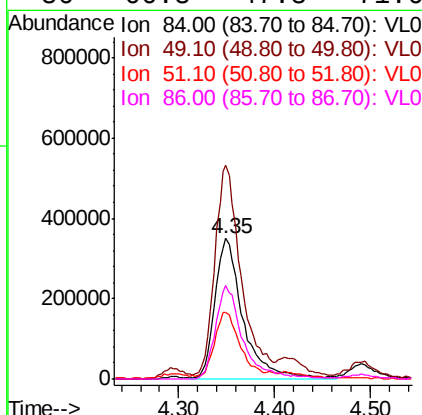
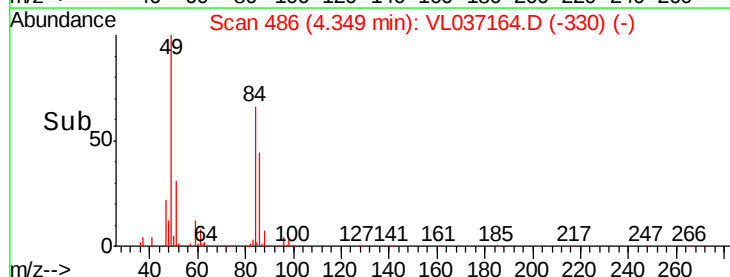
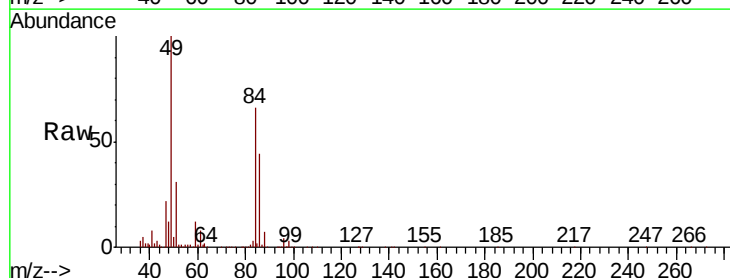
Ion Ratio Lower Upper

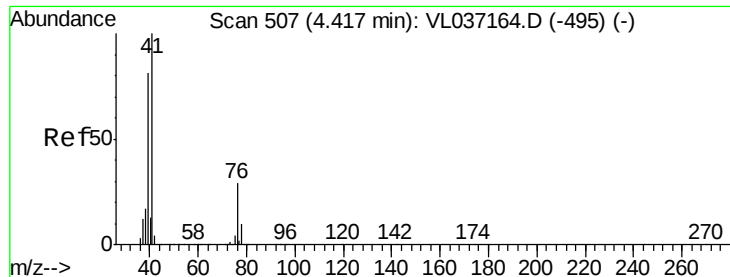
84 100

49 151.8 115.3 172.9

51 47.1 34.2 51.4

86 66.8 47.8 71.6





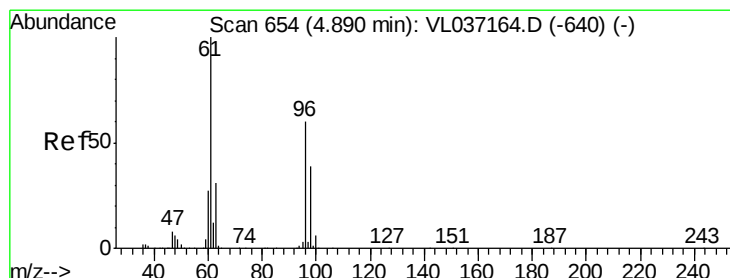
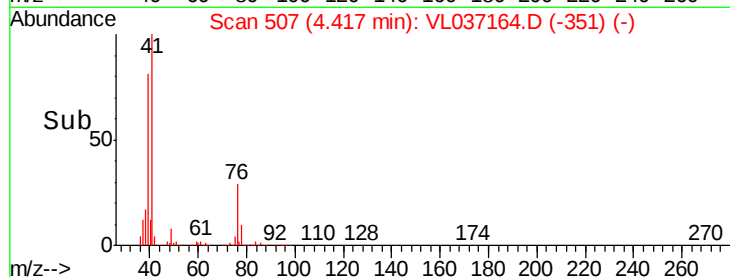
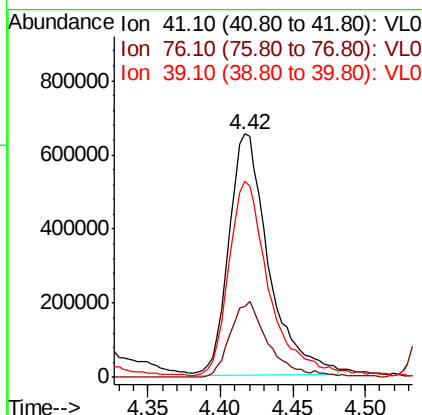
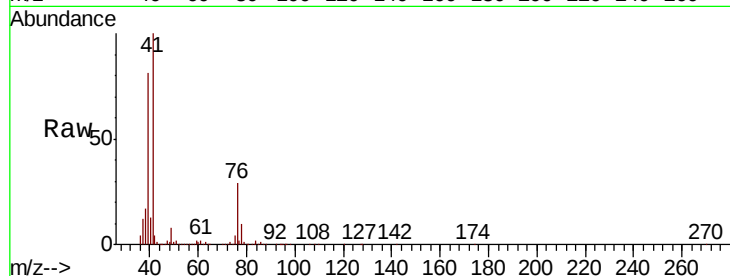
#21
Allvl Chloride
Concen: 9.901 ppbv
RT: 4.42 min Scan# 507
Delta R.T. 0.00 min
Lab File: VL037164.D
Acq: 16 Jun 2021 9:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tot Ion	Ratio	Lower	Upper
41	100		
76	30.8	25.2	37.8
39	81.7	66.2	99.2

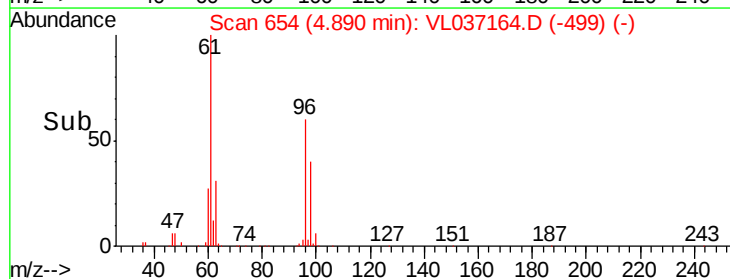
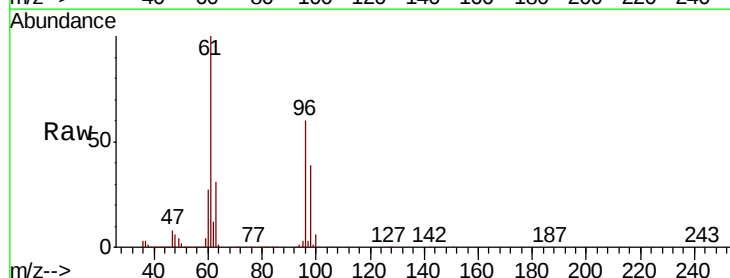
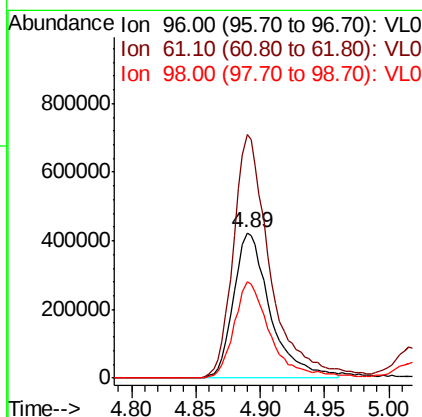
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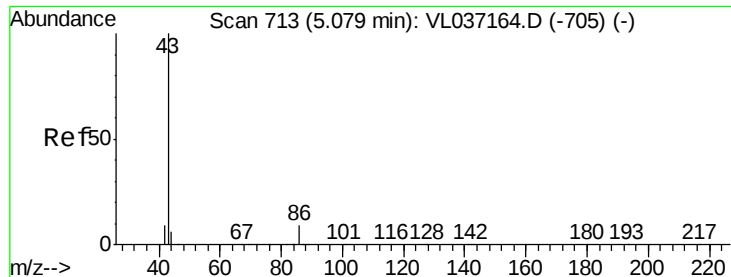
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#22
trans-1,2-Dichloroethene
Concen: 9.762 ppbv
RT: 4.89 min Scan# 654
Delta R.T. -0.00 min
Lab File: VL037164.D
Acq: 16 Jun 2021 9:10

Tgt Ion	Ratio	Lower	Upper
96	100		
61	167.4	125.3	187.9
98	66.1	50.3	75.5





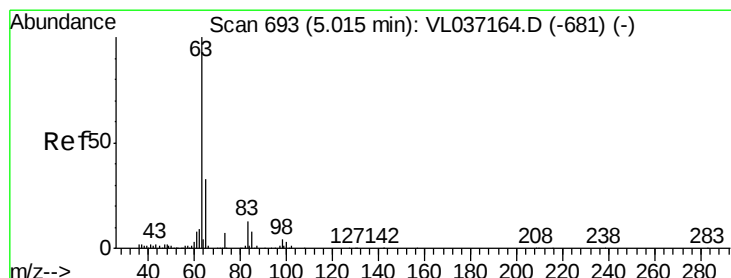
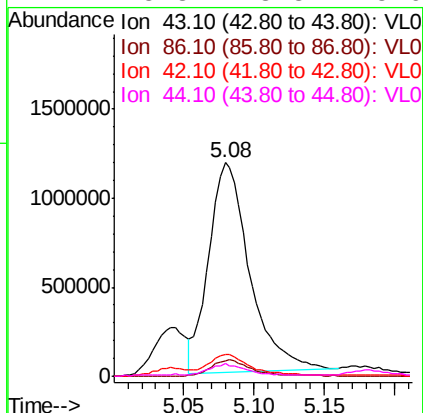
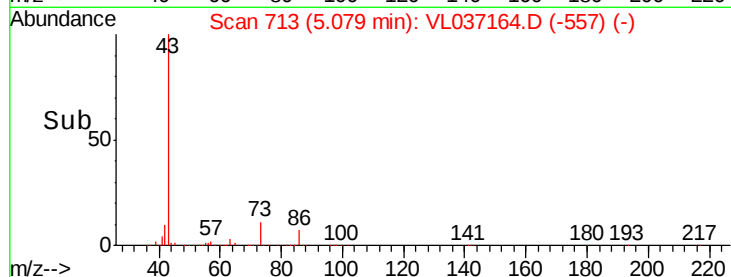
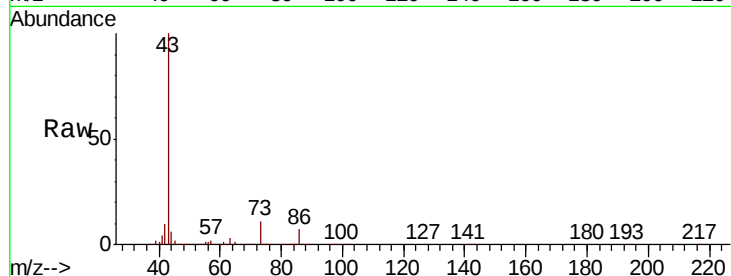
#23
 Vinyl Acetate
 Concen: 9.652 ppbv
 RT: 5.08 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VL037164.D
 Acq: 16 Jun 2021 9:10

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tot Ion	Ratio	Lower	Upper
43	100		
86	7.3	5.4	8.2
42	10.2	8.6	12.8
44	5.3	3.8	5.6

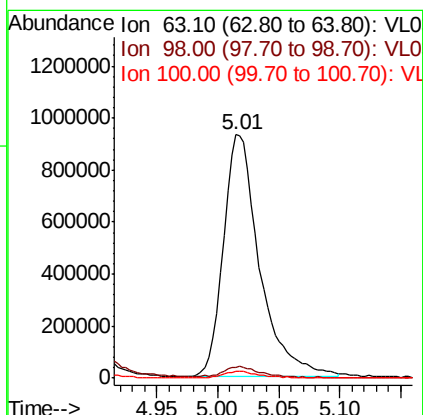
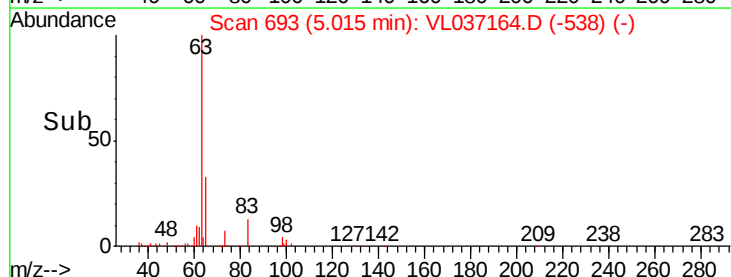
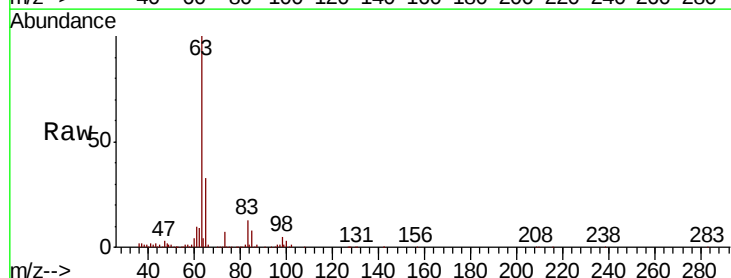
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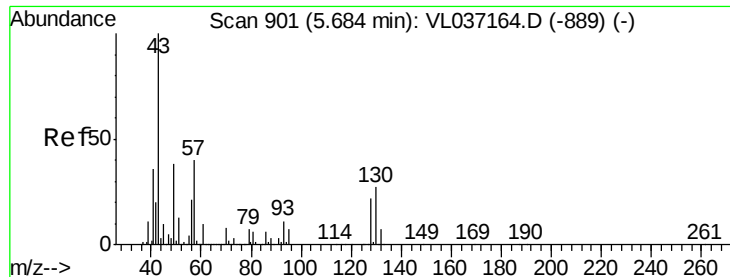
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#24
 1,1-Dichloroethane
 Concen: 9.739 ppbv
 RT: 5.01 min Scan# 693
 Delta R.T. -0.00 min
 Lab File: VL037164.D
 Acq: 16 Jun 2021 9:10

Tgt Ion	Ratio	Lower	Upper
63	100		
98	4.3	2.4	7.1
100	2.7	1.6	4.8





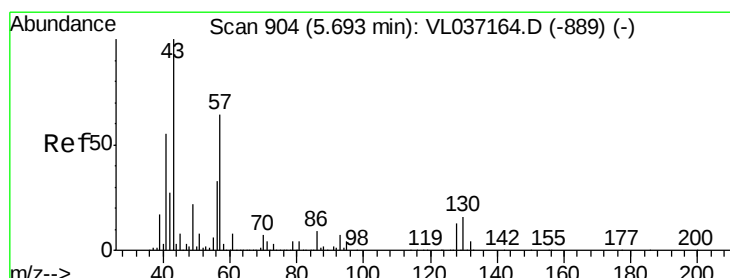
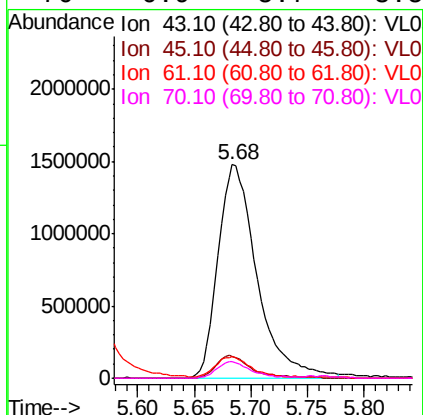
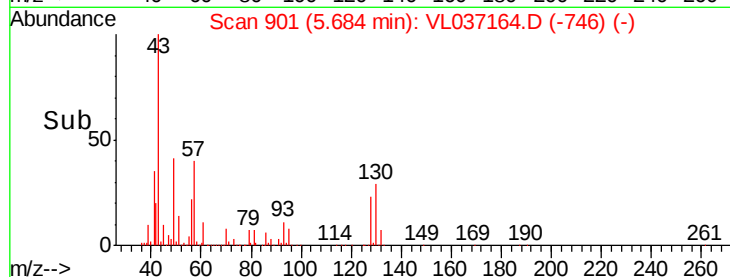
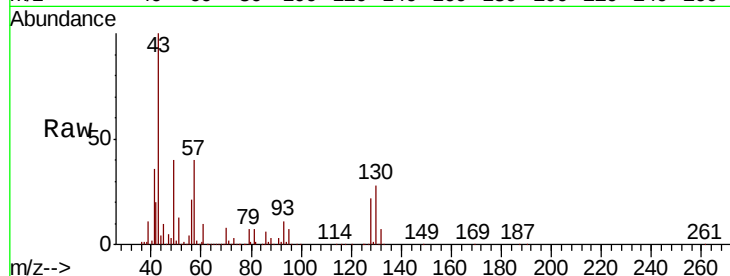
#25
Ethyl Acetate
Concen: 9.511 ppbv
RT: 5.68 min Scan# 901
Delta R.T. -0.00 min
Lab File: VL037164.D
Acq: 16 Jun 2021 9:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tot Ion	43	Resp	3517297
Ion	Ratio	Lower	Upper
43	100		
45	10.0	7.8	11.8
61	10.1	7.5	11.3
70	6.9	5.7	8.5

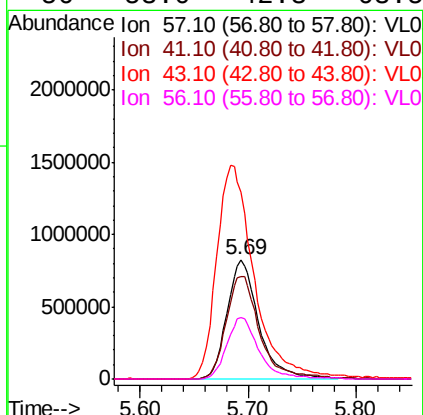
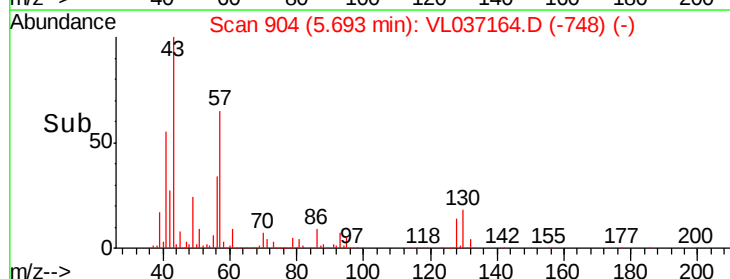
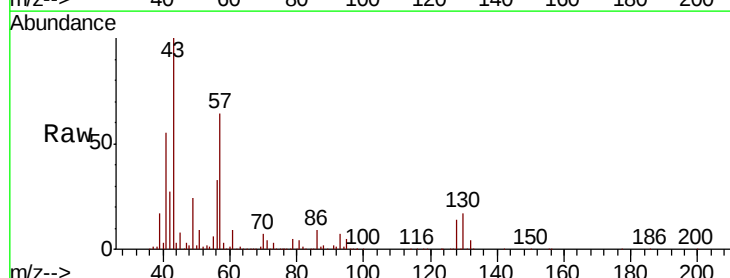
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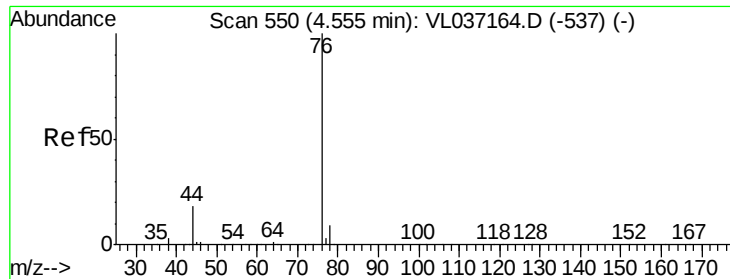
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#26
Hexane
Concen: 9.181 ppbv
RT: 5.69 min Scan# 904
Delta R.T. 0.00 min
Lab File: VL037164.D
Acq: 16 Jun 2021 9:10

Tgt Ion	57	Resp	1688591
Ion	Ratio	Lower	Upper
57	100		
41	91.9	73.6	110.4
43	213.4	168.8	253.2
56	53.0	42.3	63.5





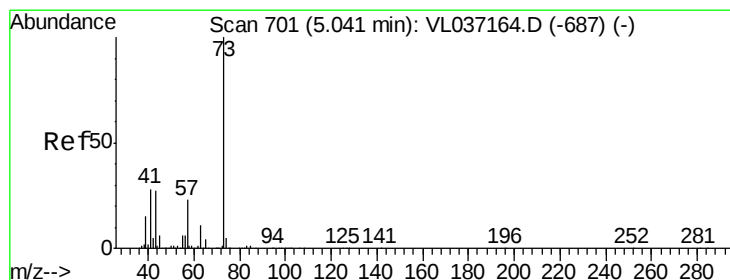
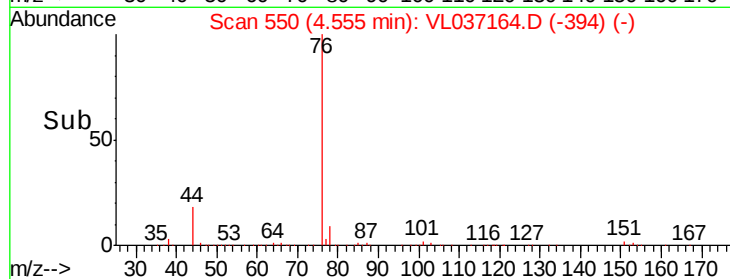
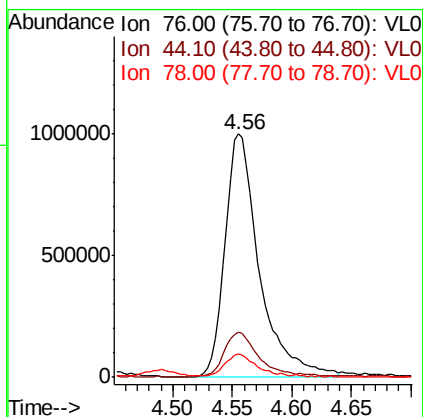
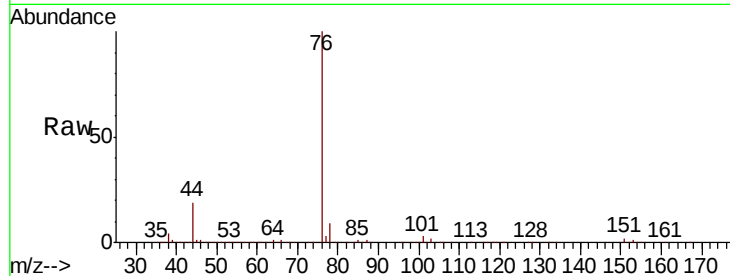
#27
Carbon Disulfide
Concen: 10.675 ppbv
RT: 4.56 min Scan# 550
Delta R.T. 0.00 min
Lab File: VL037164.D
Acq: 16 Jun 2021 9:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tot Ion	Ratio	Lower	Upper
76	100		
44	19.3	15.6	23.4
78	10.0	7.6	11.4

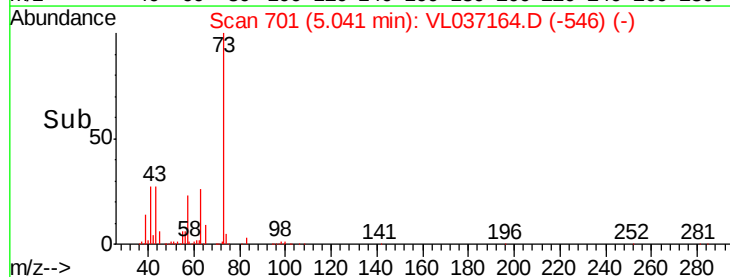
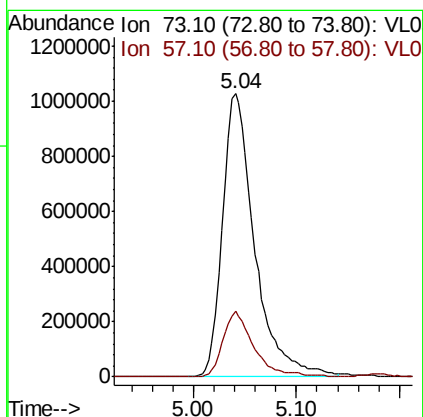
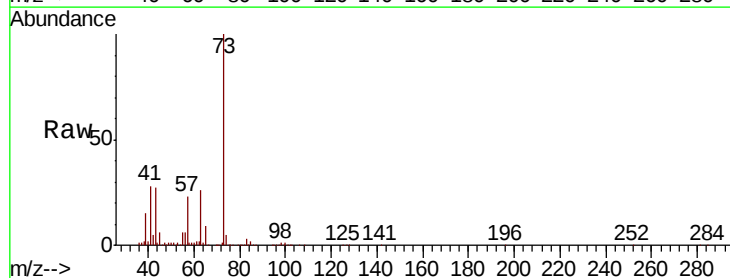
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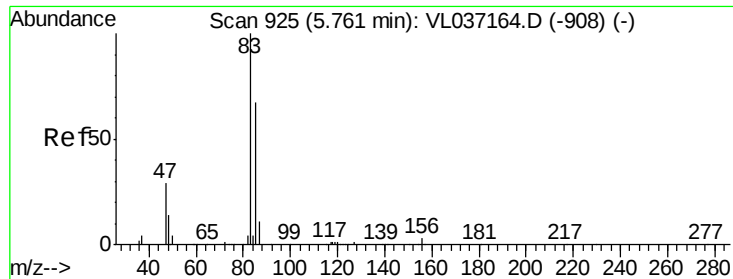
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#28
Methyl tert-Butyl Ether
Concen: 9.678 ppbv
RT: 5.04 min Scan# 701
Delta R.T. -0.00 min
Lab File: VL037164.D
Acq: 16 Jun 2021 9:10

Tgt Ion	Ratio	Lower	Upper
73	100		
57	22.5	18.2	27.4





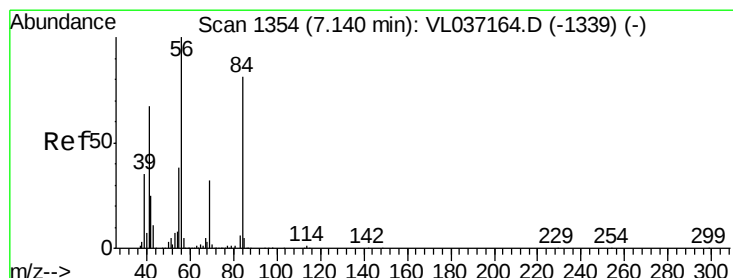
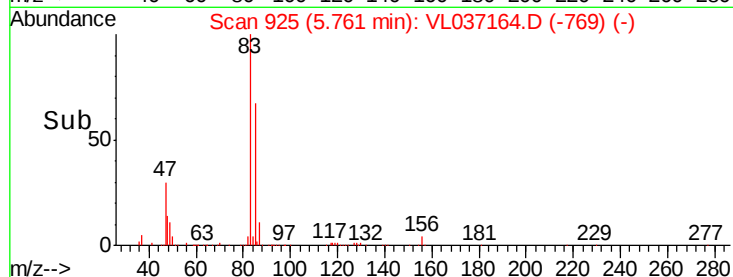
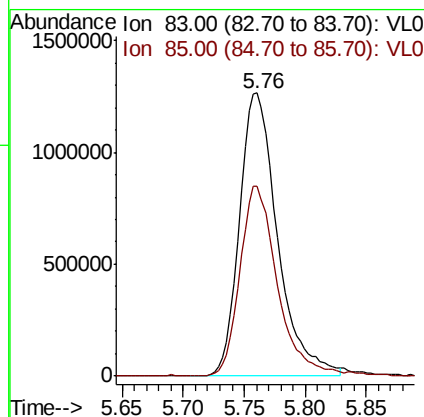
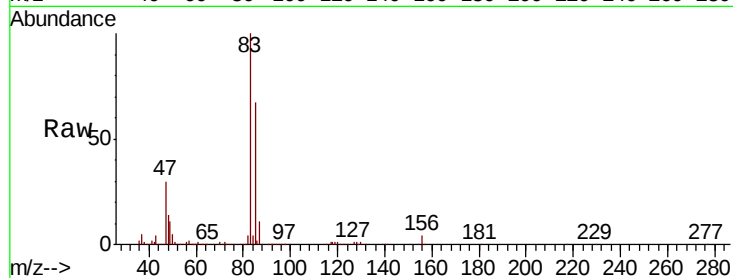
#29
Chloroform
Concen: 9.221 ppbv
RT: 5.76 min Scan# 925
Delta R.T. 0.00 min
Lab File: VL037164.D
Acq: 16 Jun 2021 9:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tot Ion: 83 Resp: 2737611
Ion Ratio Lower Upper
83 100
85 67.0 52.6 78.8

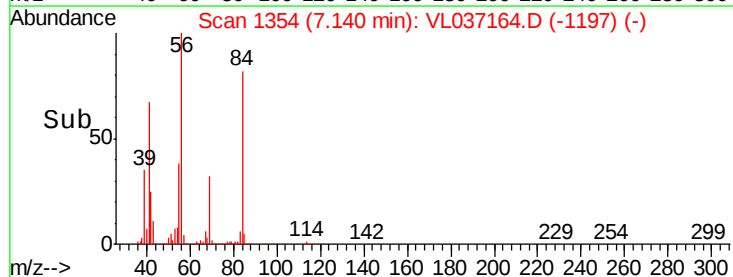
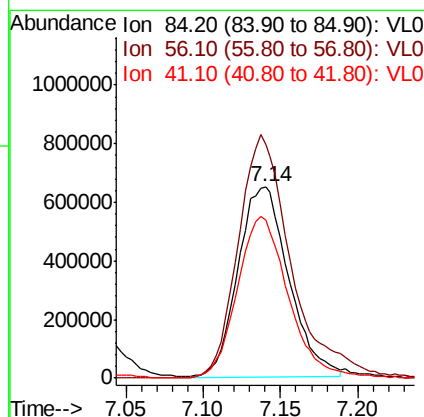
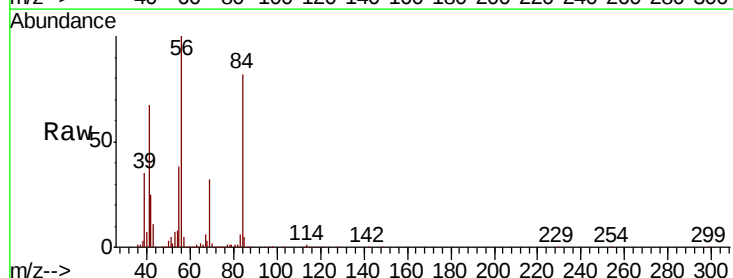
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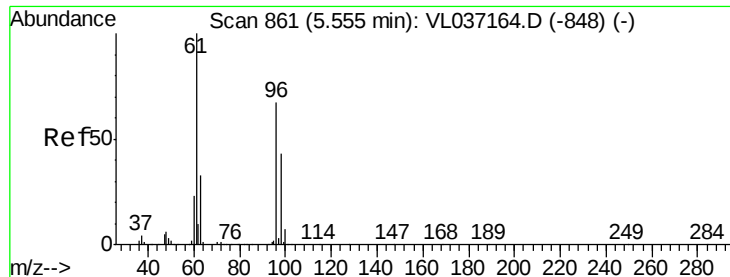
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#30
Cyclohexane
Concen: 9.242 ppbv
RT: 7.14 min Scan# 1354
Delta R.T. 0.00 min
Lab File: VL037164.D
Acq: 16 Jun 2021 9:10

Tgt Ion: 84 Resp: 1481870
Ion Ratio Lower Upper
84 100
56 134.6 103.9 155.9
41 86.3 66.5 99.7





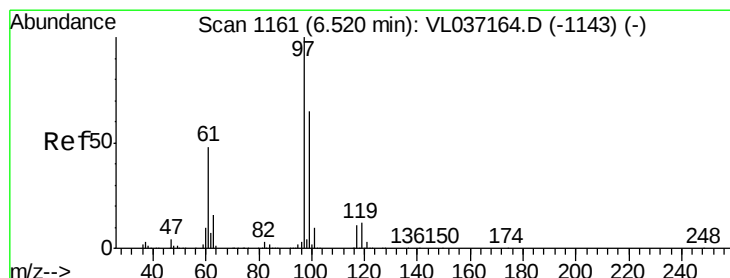
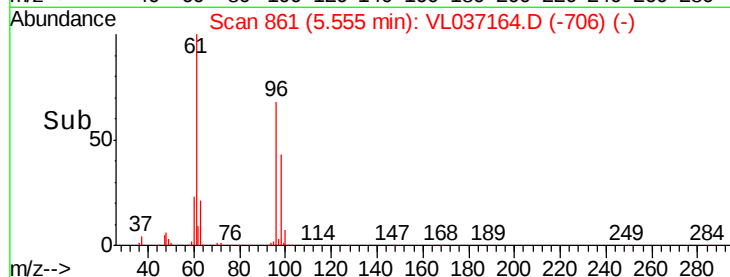
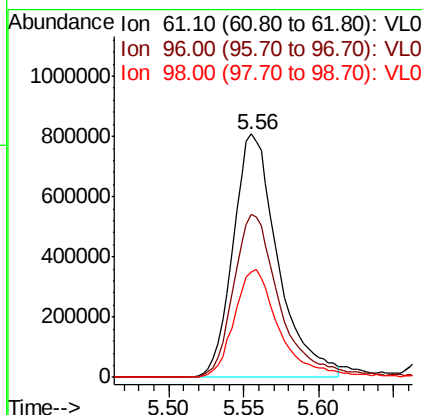
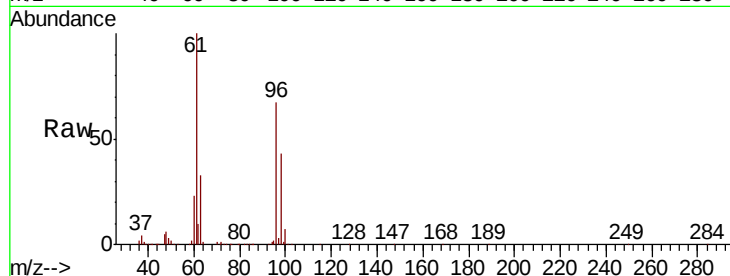
#31
 cis-1,2-Dichloroethene
 Concen: 9.464 ppbv
 RT: 5.56 min Scan# 861
 Delta R.T. -0.00 min
 Lab File: VL037164.D
 Acq: 16 Jun 2021 9:10

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tot Ion	Ratio	Lower	Upper
61	100		
96	67.0	55.3	82.9
98	43.4	34.7	52.1

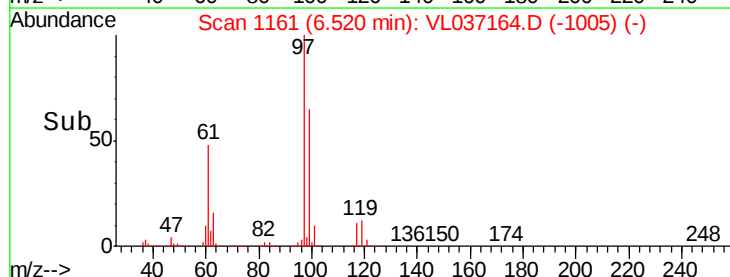
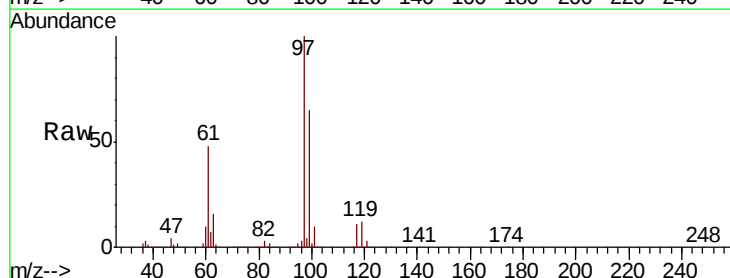
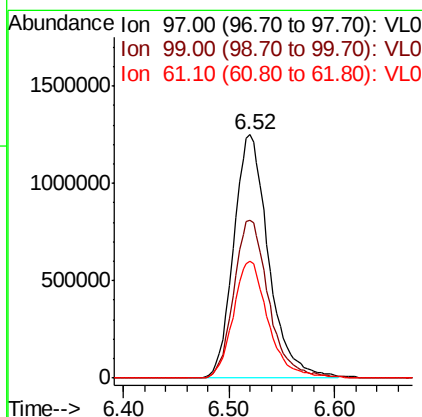
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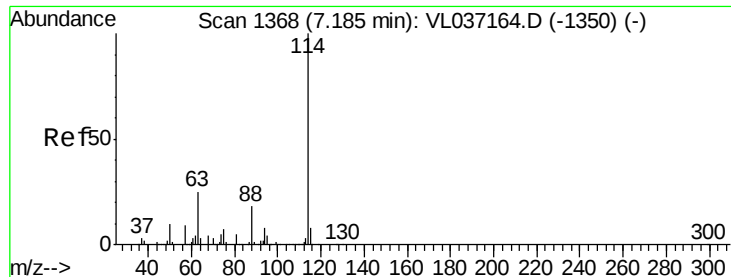
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#32
 1,1,1-Trichloroethane
 Concen: 10.532 ppbv
 RT: 6.52 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VL037164.D
 Acq: 16 Jun 2021 9:10

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.3	52.4	78.6
61	48.5	38.5	57.7





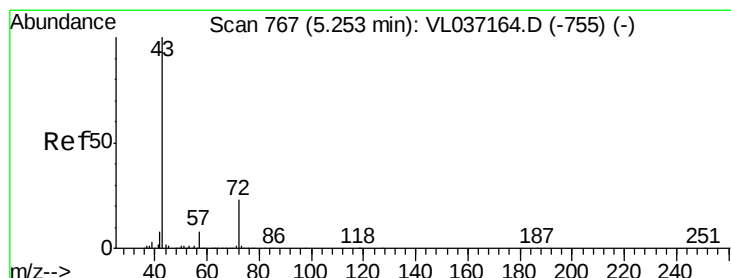
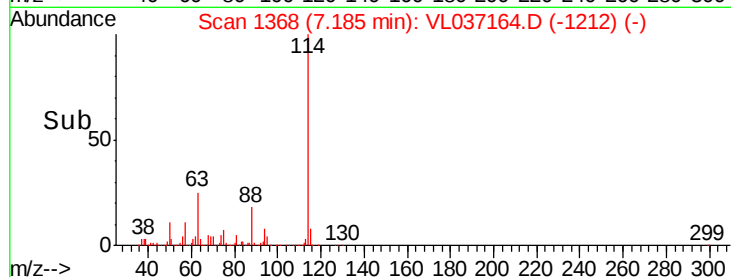
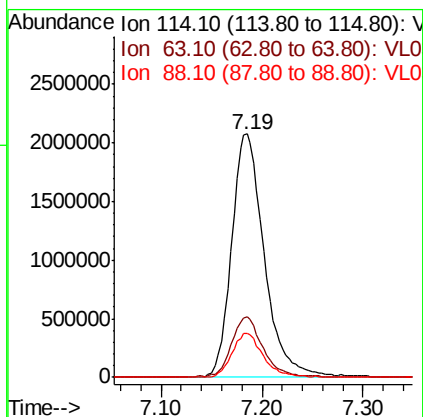
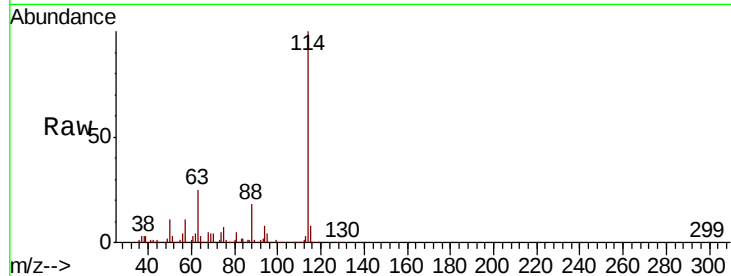
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VL037164.D
 Acq: 16 Jun 2021 9:10

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.5	19.8	29.6
88	17.7	14.3	21.5

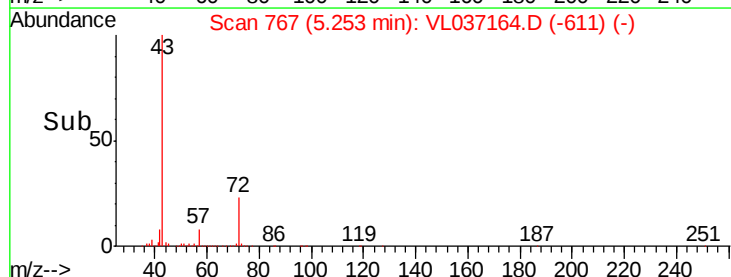
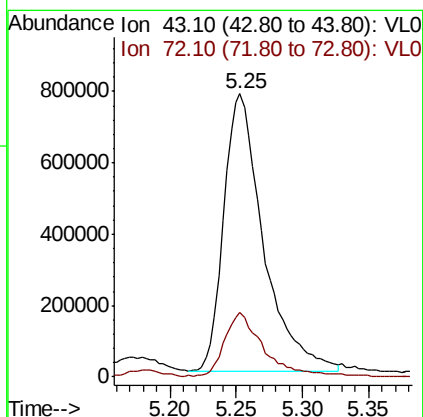
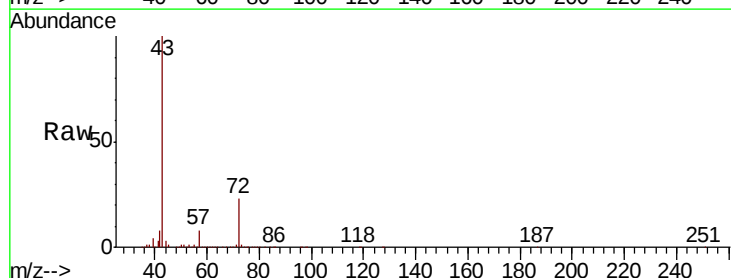
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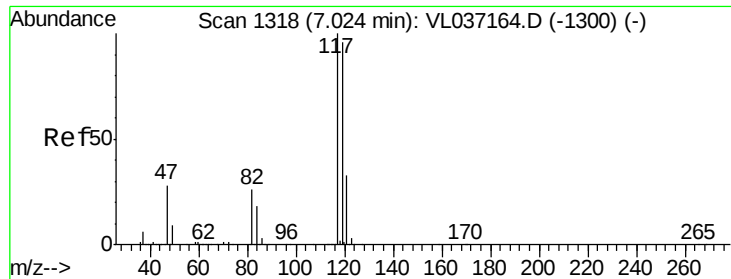
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#34
 2-Butanone
 Concen: 9.219 ppbv
 RT: 5.25 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: VL037164.D
 Acq: 16 Jun 2021 9:10

Tgt Ion	Ratio	Lower	Upper
43	100		
72	23.6	18.6	28.0





#35

Carbon Tetrachloride

Concen: 10.742 ppbv

RT: 7.02 min Scan# 1318

Delta R.T. -0.00 min

Lab File: VL037164.D

Acq: 16 Jun 2021 9:10

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tot Ion:117 Resp: 3078026

Ion Ratio Lower Upper

117 100

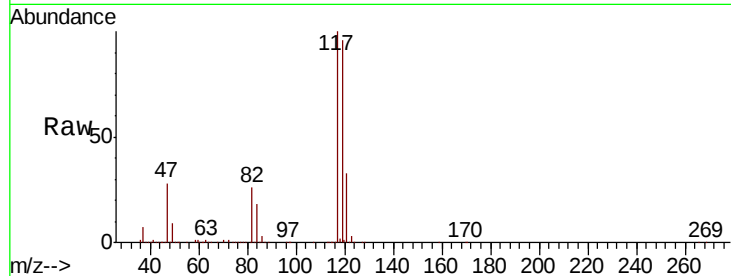
119 95.7 77.0 115.4

121 33.0 25.4 38.0

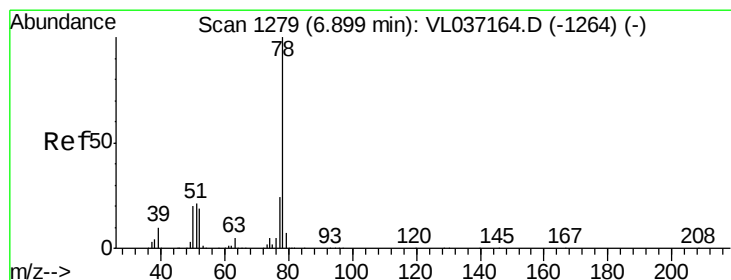
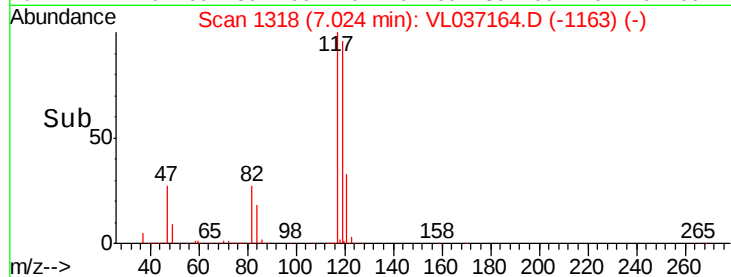
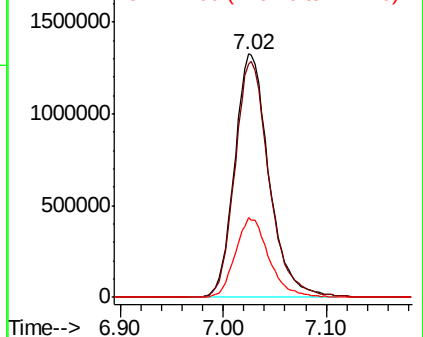
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Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V



#36

Benzene

Concen: 9.619 ppbv

RT: 6.90 min Scan# 1279

Delta R.T. 0.00 min

Lab File: VL037164.D

Acq: 16 Jun 2021 9:10

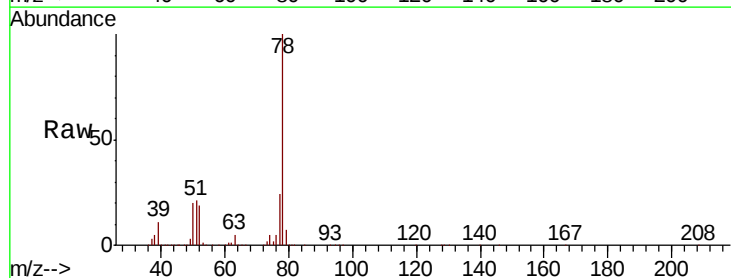
Tgt Ion: 78 Resp: 3557779

Ion Ratio Lower Upper

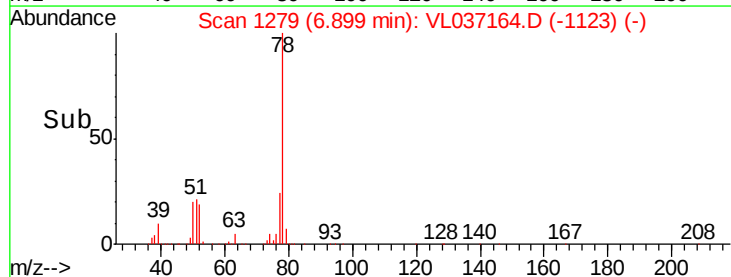
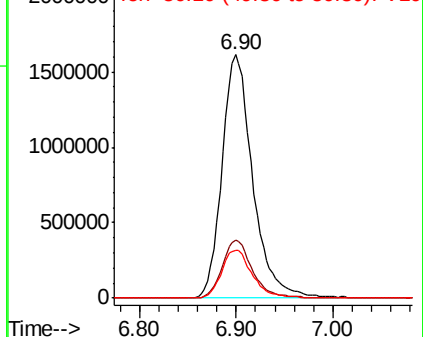
78 100

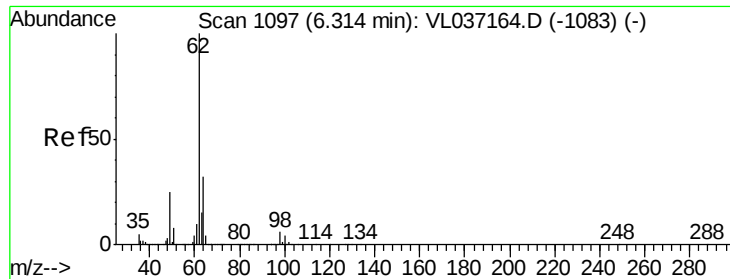
77 23.8 19.5 29.3

50 19.6 15.5 23.3



Abundance Ion 78.10 (77.80 to 78.80): VL0
Ion 77.10 (76.80 to 77.80): VL0
Ion 50.10 (49.80 to 50.80): VL0





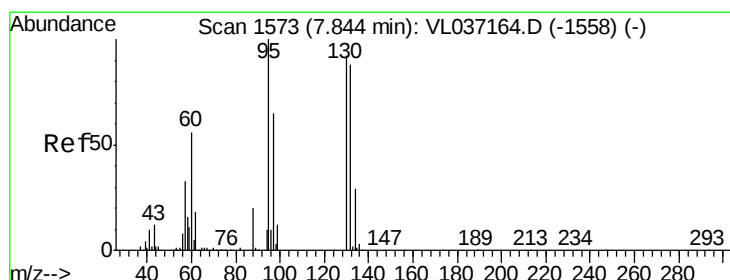
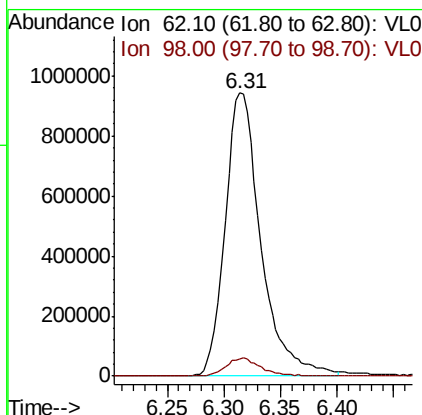
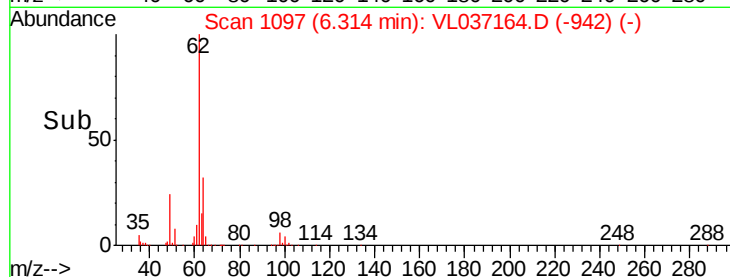
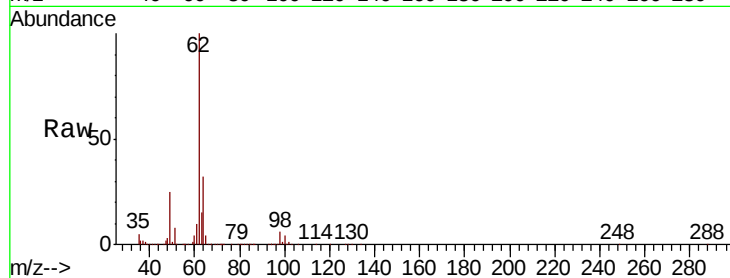
#37
 1,2-Dichloroethane
 Concen: 9.673 ppbv
 RT: 6.31 min Scan# 1097
 Delta R.T. -0.00 min
 Lab File: VL037164.D
 Acq: 16 Jun 2021 9:10

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tot Ion: 62 Resp: 2077535
 Ion Ratio Lower Upper
 62 100
 98 6.3 5.1 7.7

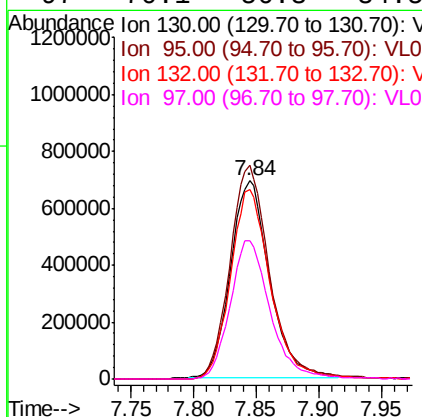
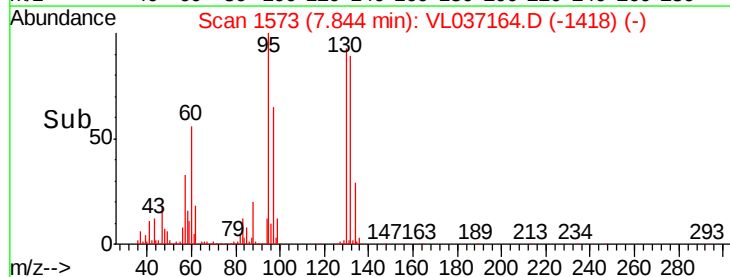
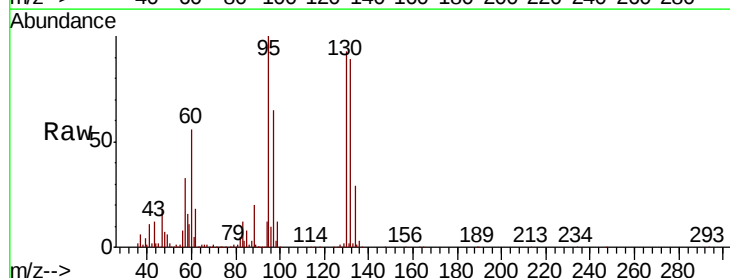
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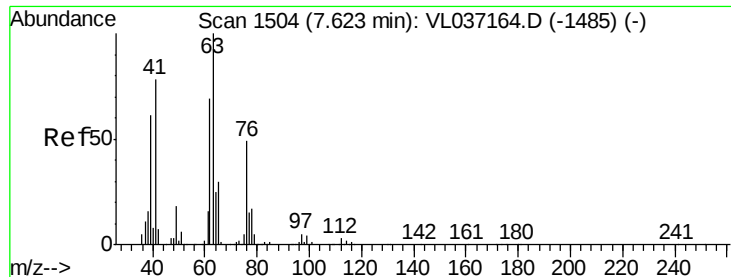
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#38
 Trichloroethene
 Concen: 9.400 ppbv
 RT: 7.84 min Scan# 1573
 Delta R.T. -0.00 min
 Lab File: VL037164.D
 Acq: 16 Jun 2021 9:10

Tgt Ion: 130 Resp: 1502390
 Ion Ratio Lower Upper
 130 100
 95 108.2 83.5 125.3
 132 95.7 76.8 115.2
 97 70.1 56.3 84.5





#39

1,2-Dichloropropane

Concen: 9.700 ppbv

RT: 7.62 min Scan# 1504

Delta R.T. 0.00 min

Lab File: VL037164.D

Acq: 16 Jun 2021 9:10

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tot Ion: 63 Resp: 1369891

Ion Ratio Lower Upper

63 100

41 77.5 60.0 90.0

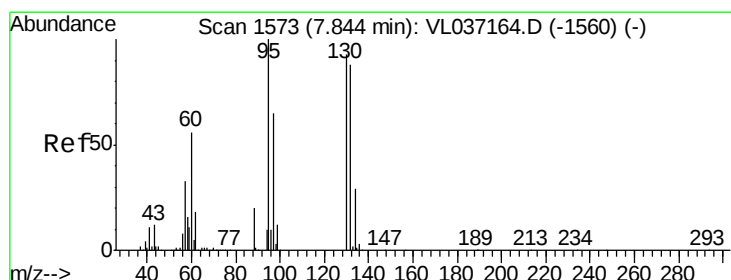
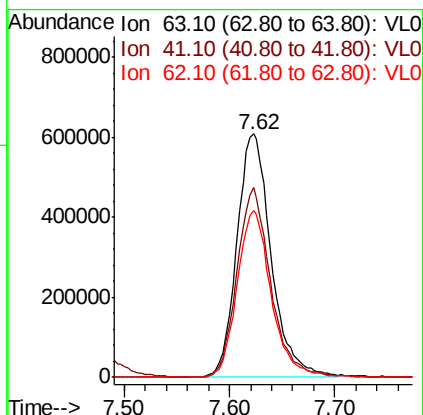
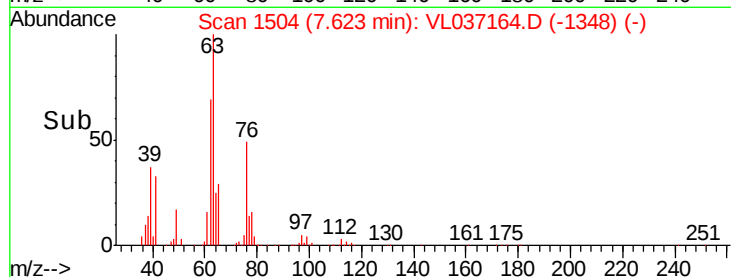
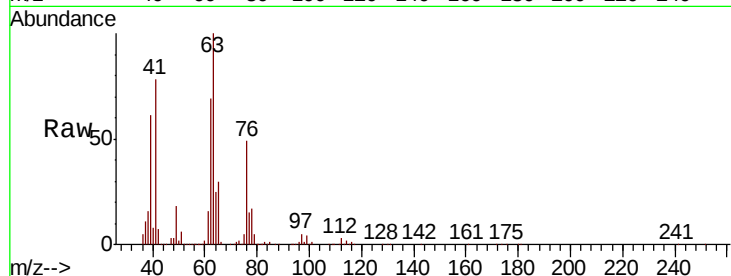
62 68.6 55.4 83.0

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#40

1,4-Dioxane

Concen: 9.598 ppbv

RT: 7.84 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VL037164.D

Acq: 16 Jun 2021 9:10

Tgt Ion: 88 Resp: 379523

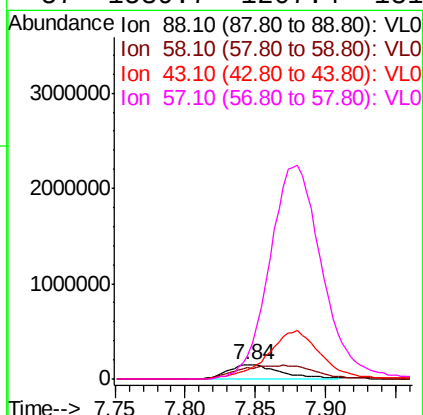
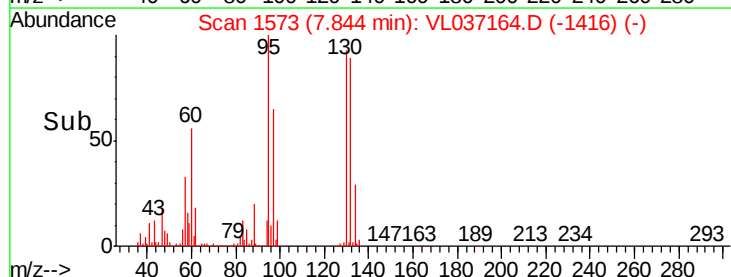
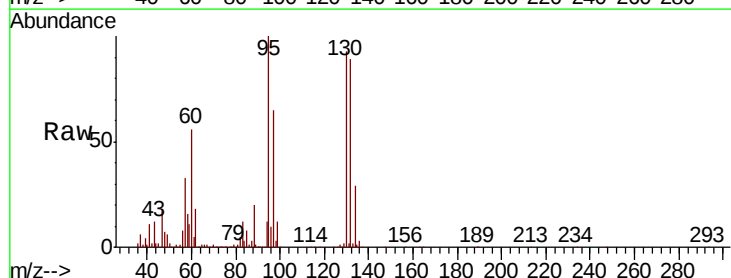
Ion Ratio Lower Upper

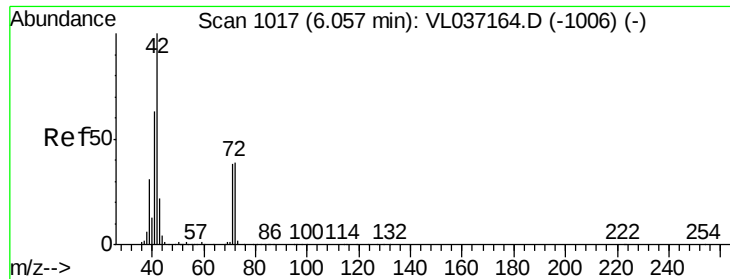
88 100

58 148.0 115.6 173.4

43 355.0 278.3 417.5

57 1539.7 1207.4 1811.0





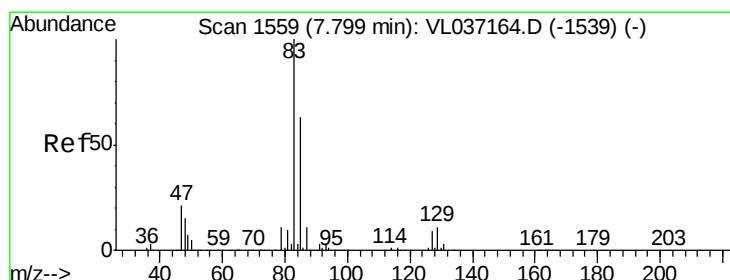
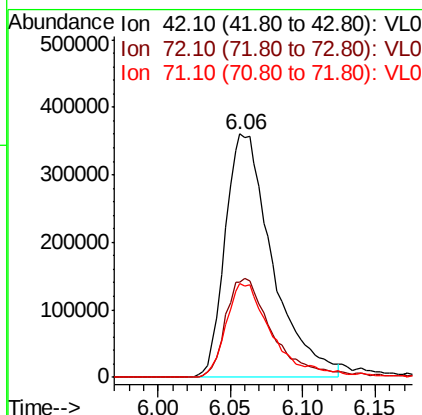
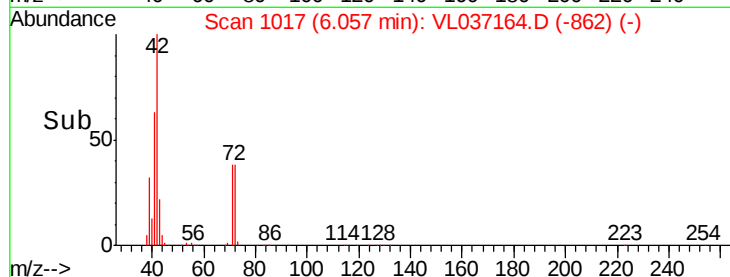
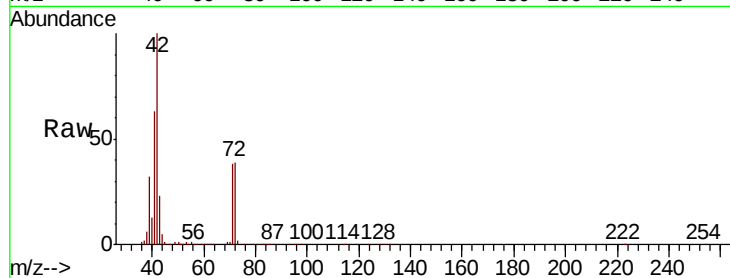
#41
Tetrahydrofuran
Concen: 9.555 ppbv
RT: 6.06 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VL037164.D
Acq: 16 Jun 2021 9:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.2	31.7	47.5
71	38.8	31.0	46.6

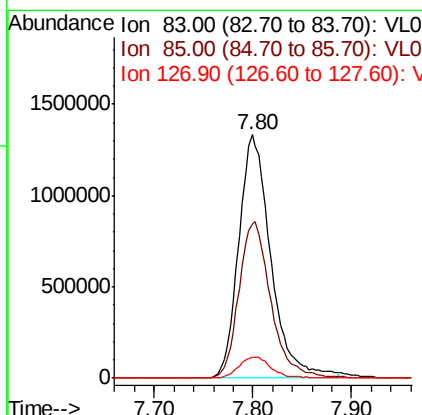
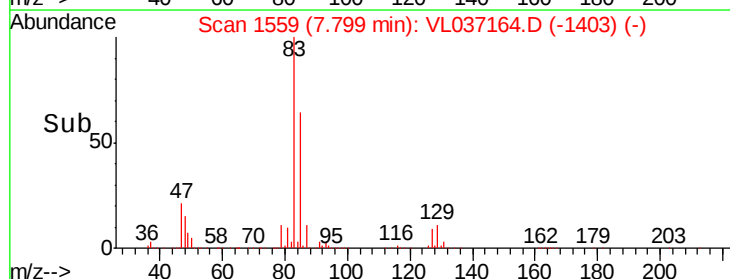
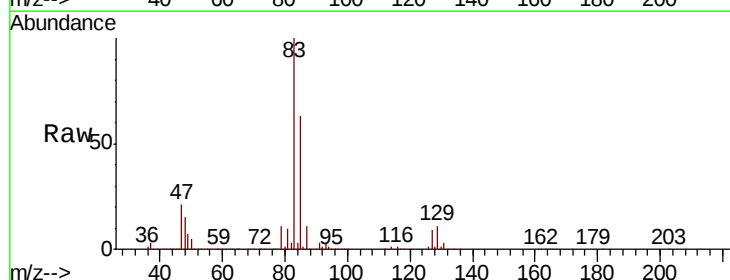
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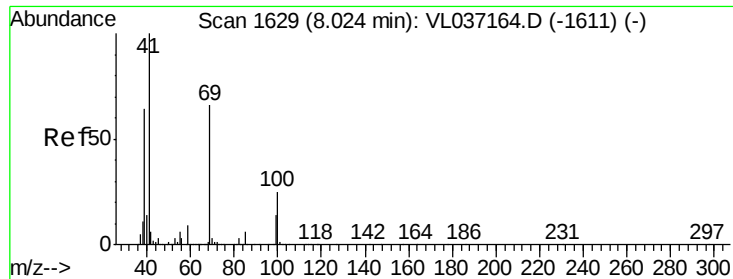
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#42
Bromodichloromethane
Concen: 10.181 ppbv
RT: 7.80 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VL037164.D
Acq: 16 Jun 2021 9:10

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.5	51.7	77.5
127	8.8	7.4	11.0





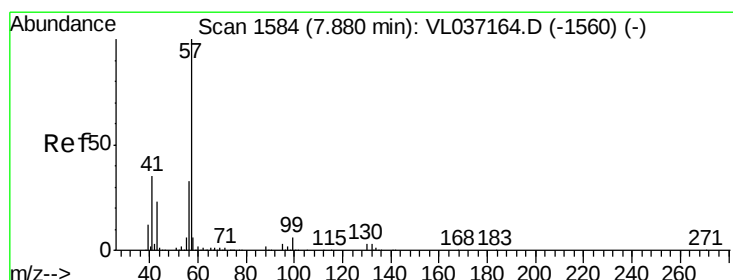
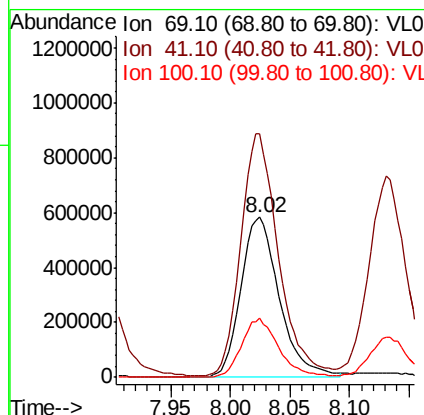
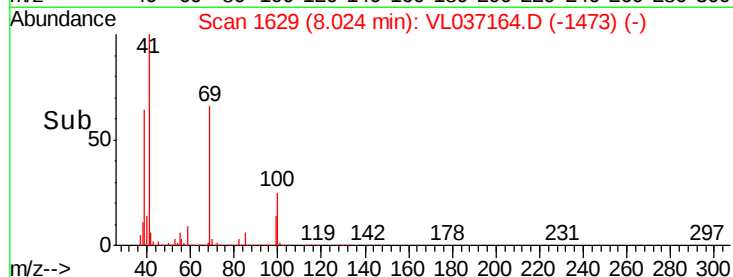
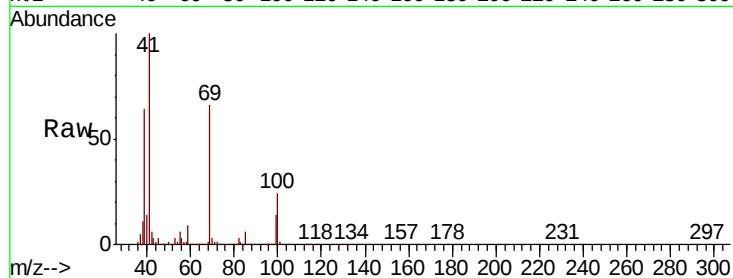
#43
Methvl Methacrvlate
Concen: 10.329 ppbv
RT: 8.02 min Scan# 1629
Delta R.T. 0.00 min
Lab File: VL037164.D
Acq: 16 Jun 2021 9:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tot Ion: 69 Resp: 1310734
Ion Ratio Lower Upper
69 100
41 149.2 117.7 176.5
100 35.8 27.9 41.9

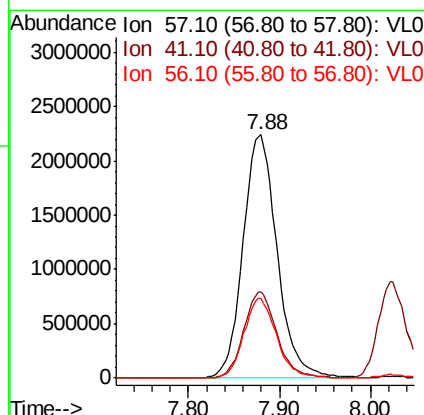
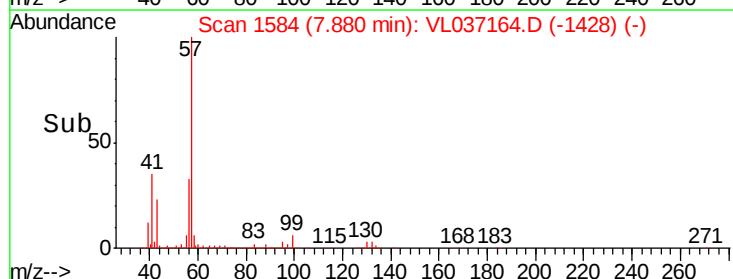
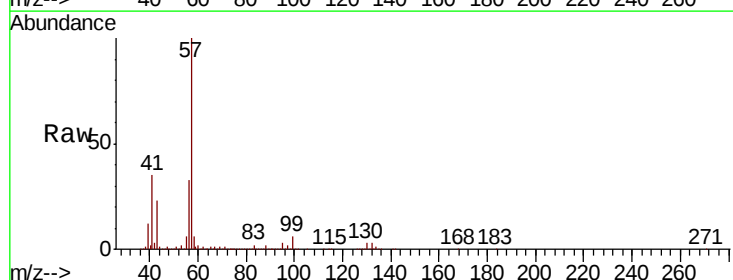
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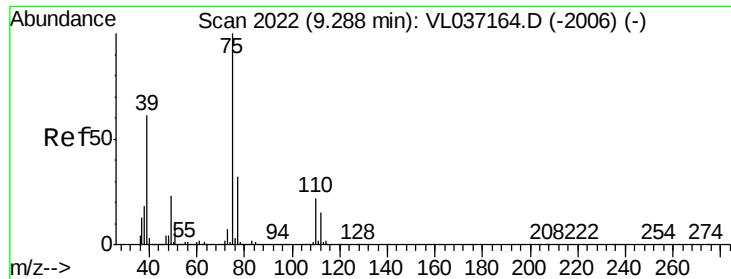
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#44
2,2,4-Trimethylpentane
Concen: 9.411 ppbv
RT: 7.88 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VL037164.D
Acq: 16 Jun 2021 9:10

Tgt Ion: 57 Resp: 5826125
Ion Ratio Lower Upper
57 100
41 34.5 28.1 42.1
56 31.6 25.4 38.2





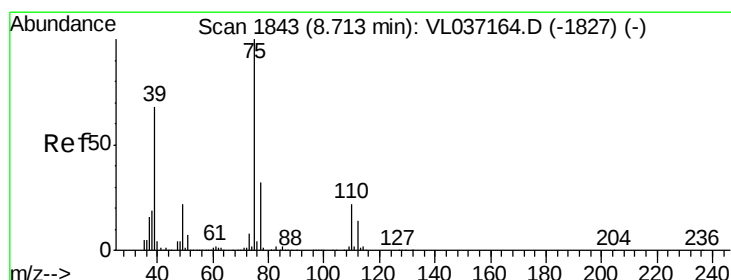
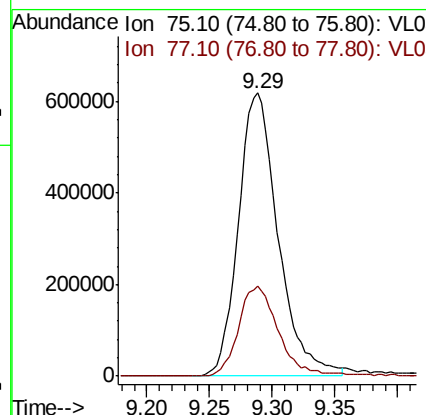
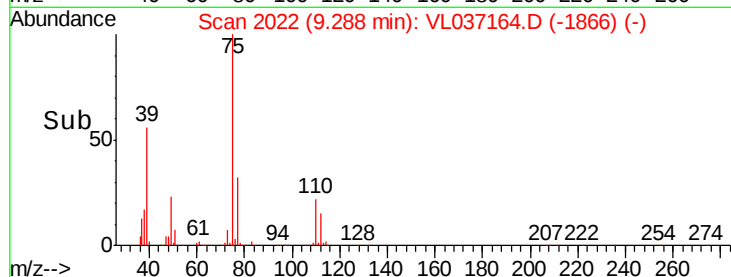
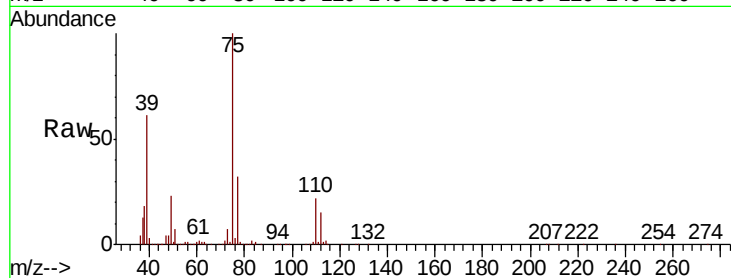
#45
t-1,3-Dichloropropene
Concen: 11.853 ppbv
RT: 9.29 min Scan# 2022
Delta R.T. 0.00 min
Lab File: VL037164.D
Acq: 16 Jun 2021 9:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tot Ion: 75 Resp: 1355392
Ion Ratio Lower Upper
75 100
77 32.0 26.2 39.2

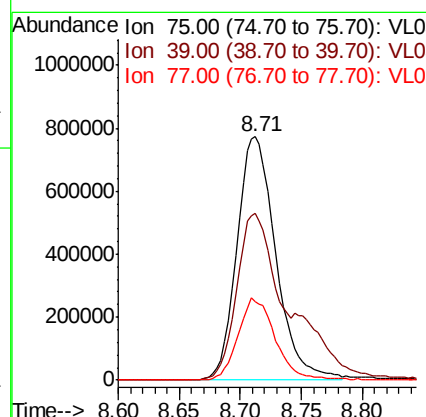
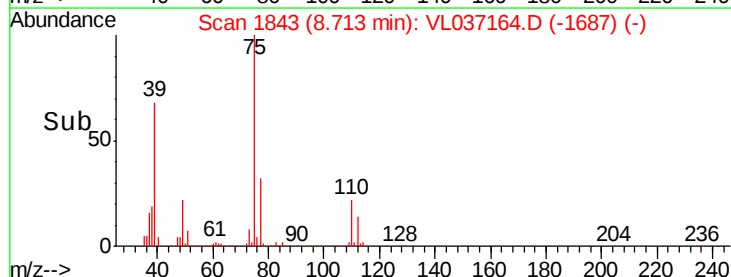
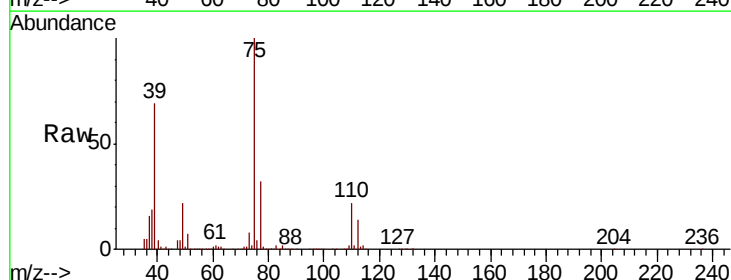
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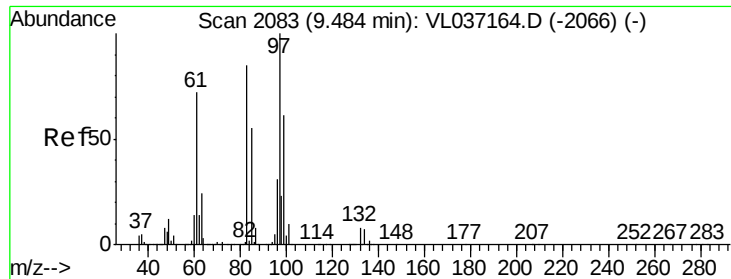
MMDadoda
6/25/2021 10:54:00 PM



#46
cis-1,3-Dichloropropene
Concen: 11.194 ppbv
RT: 8.71 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VL037164.D
Acq: 16 Jun 2021 9:10

Tgt Ion: 75 Resp: 1707894
Ion Ratio Lower Upper
75 100
39 68.4 52.2 78.4
77 32.3 24.5 36.7





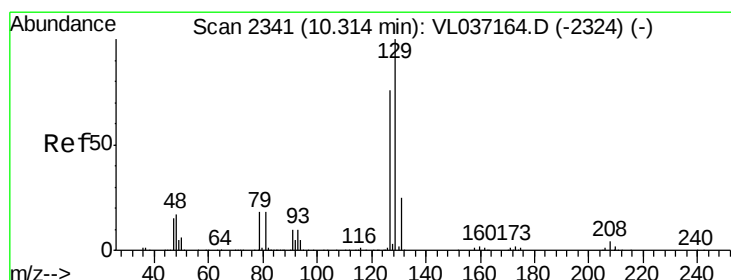
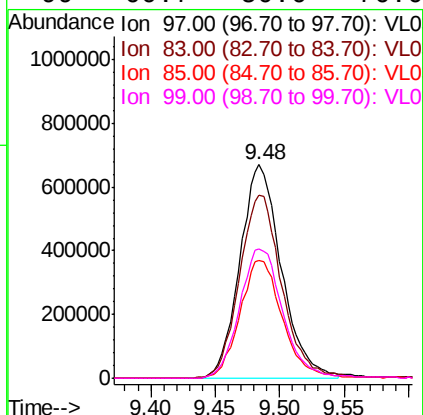
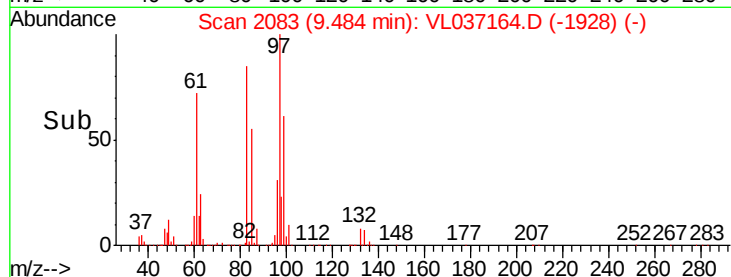
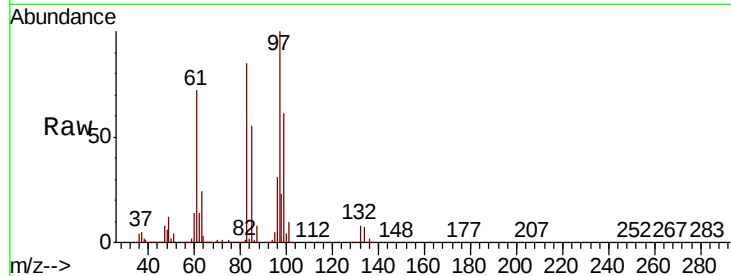
#47
 1,1,2-Trichloroethane
 Concen: 9.381 ppbv
 RT: 9.48 min Scan# 2083
 Delta R.T. -0.00 min
 Lab File: VL037164.D
 Acq: 16 Jun 2021 9:10

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tot Ion	Ion	Ratio	Lower	Upper
97	100			
83	85.4	69.0	103.4	
85	55.1	45.7	68.5	
99	60.7	50.6	76.0	

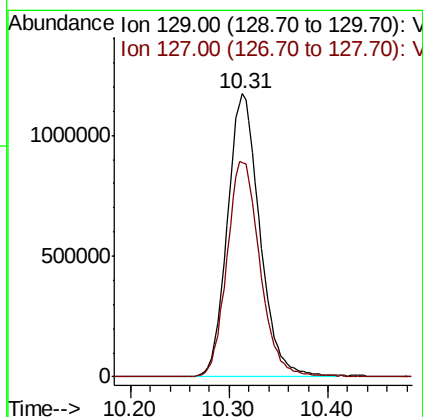
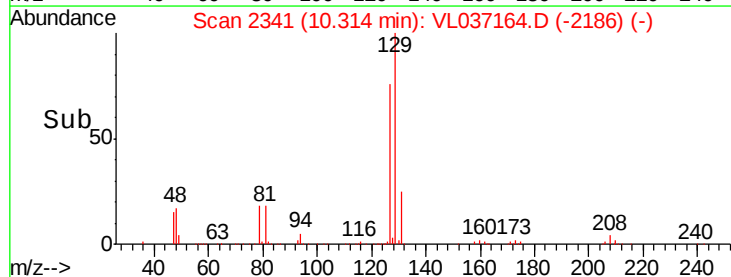
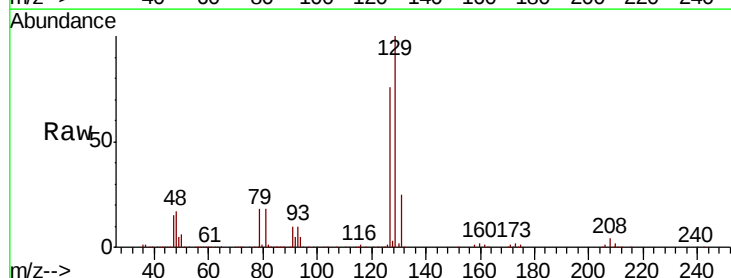
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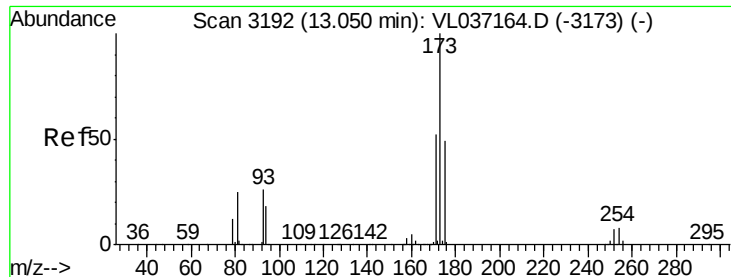
MMDadoda
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#48
 Dibromochloromethane
 Concen: 10.375 ppbv
 RT: 10.31 min Scan# 2341
 Delta R.T. -0.00 min
 Lab File: VL037164.D
 Acq: 16 Jun 2021 9:10

Tgt Ion	Ion	Ratio	Lower	Upper
129	100			
127	78.1	39.4	118.2	





#49

Bromoform

Concen: 10.551 ppbv

RT: 13.05 min Scan# 3192

Delta R.T. -0.00 min

Lab File: VL037164.D

Acq: 16 Jun 2021 9:10

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tot Ion:173 Resp: 2129835

Ion Ratio Lower Upper

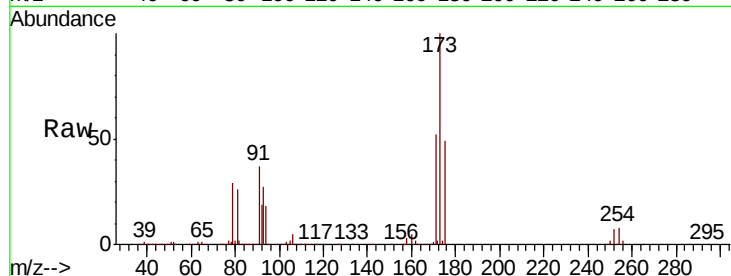
173 100

175 50.3 39.8 59.6

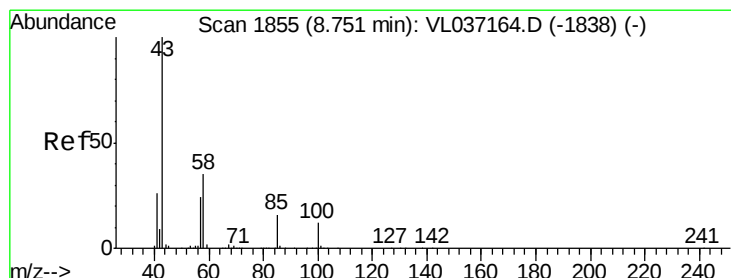
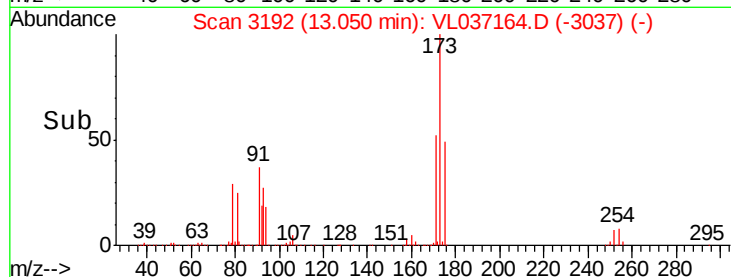
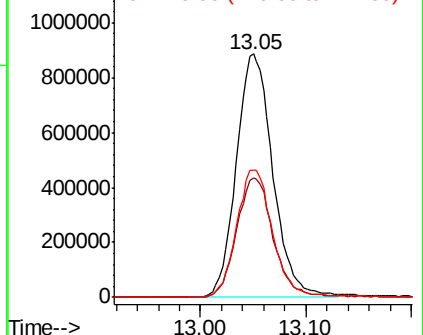
171 52.3 42.5 63.7

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



#50

4-Methyl-2-Pentanone

Concen: 9.588 ppbv

RT: 8.75 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VL037164.D

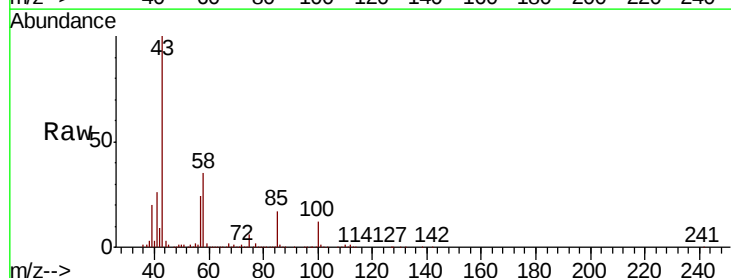
Acq: 16 Jun 2021 9:10

Tgt Ion: 43 Resp: 2469242

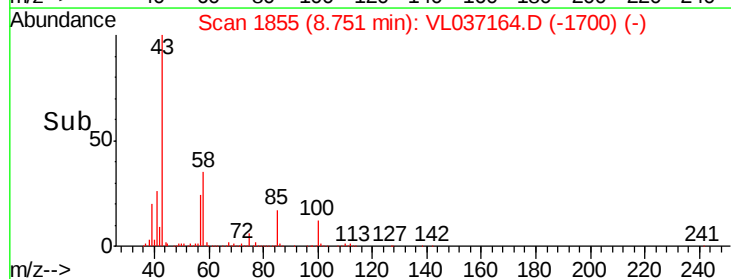
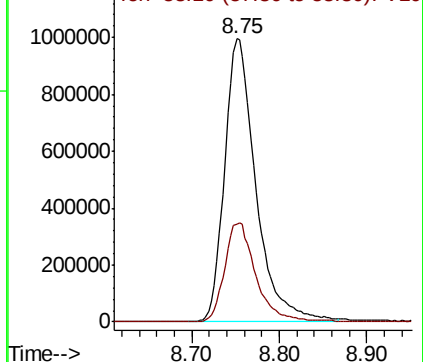
Ion Ratio Lower Upper

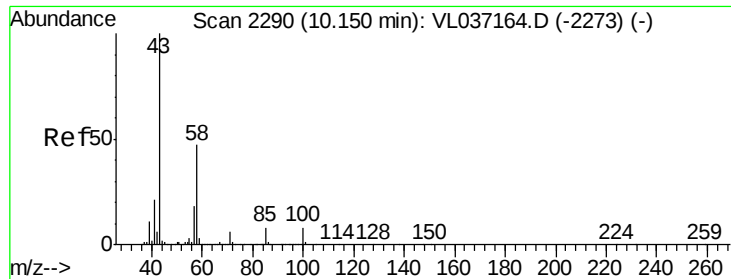
43 100

58 35.5 29.0 43.6



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





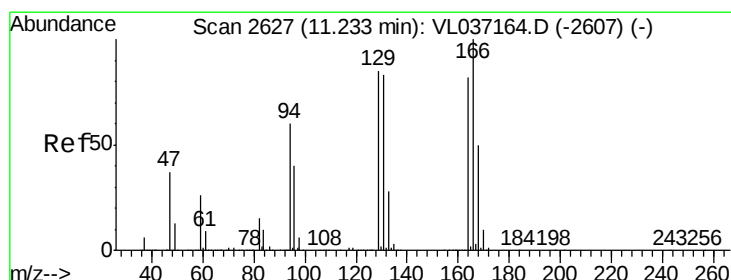
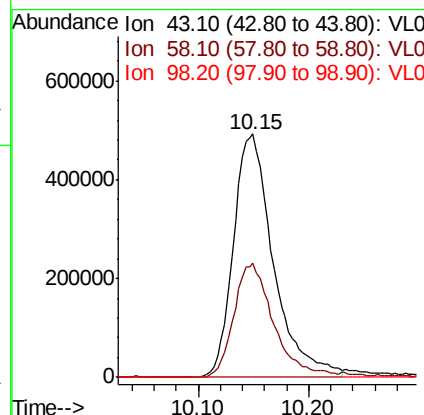
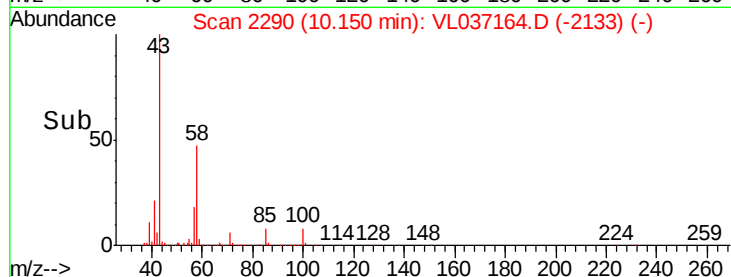
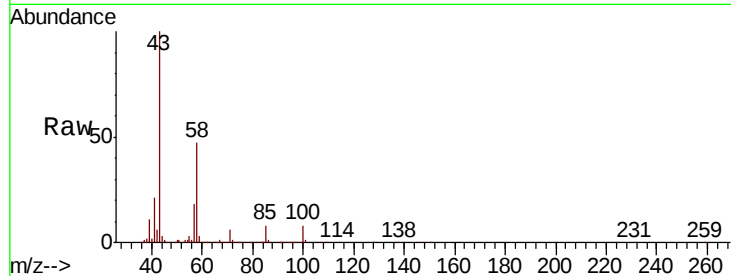
#51
2-Hexanone
Concen: 9.585 ppbv
RT: 10.15 min Scan# 2290
Delta R.T. 0.00 min
Lab File: VL037164.D
Acq: 16 Jun 2021 9:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tot Ion	Ratio	Lower	Upper
43	100		
58	48.0	40.1	60.1
98	0.4	0.2	0.4#

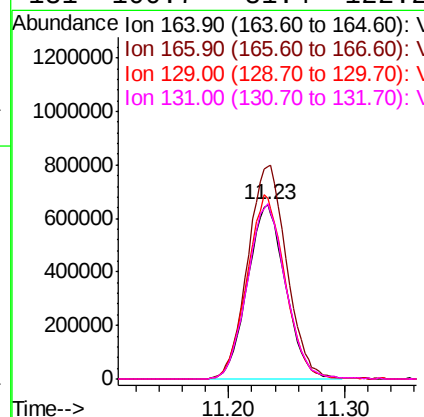
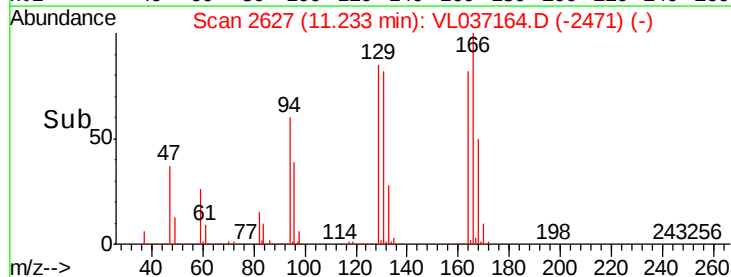
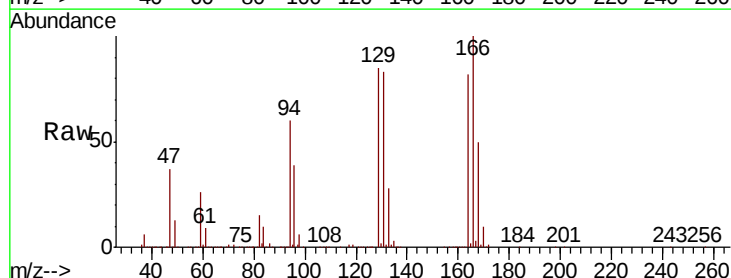
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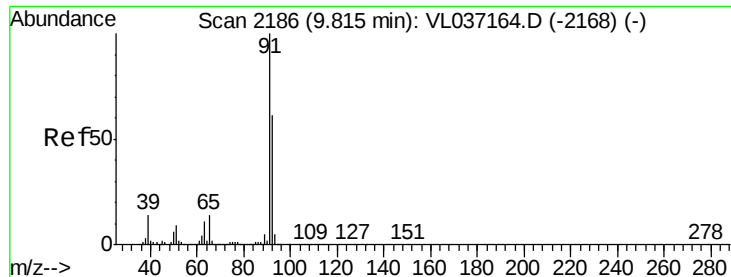
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#52
Tetrachloroethene
Concen: 9.666 ppbv
RT: 11.23 min Scan# 2627
Delta R.T. 0.00 min
Lab File: VL037164.D
Acq: 16 Jun 2021 9:10

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.0	102.6	154.0
129	103.6	87.4	131.2
131	100.7	81.4	122.2





#53

Toluene

Concen: 9.666 ppbv

RT: 9.82 min Scan# 2186

Delta R.T. 0.00 min

Lab File: VL037164.D

Acq: 16 Jun 2021 9:10

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tot Ion: 91 Resp: 4249855

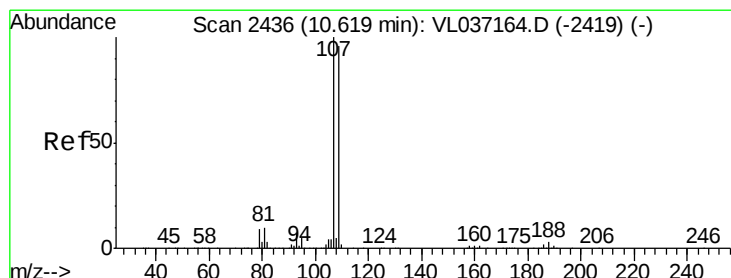
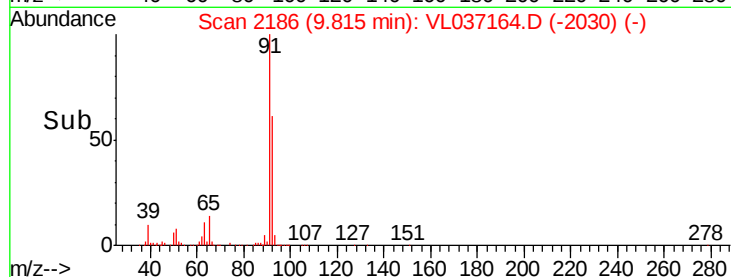
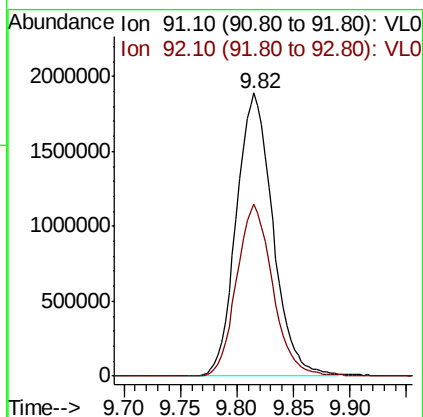
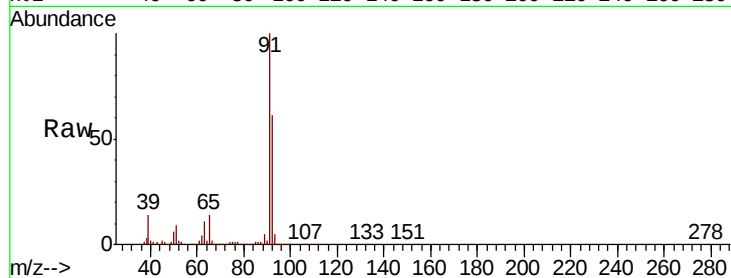
Ion Ratio Lower Upper

91 100

92 60.4 48.6 73.0

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#54

1,2-Dibromoethane

Concen: 9.528 ppbv

RT: 10.62 min Scan# 2436

Delta R.T. -0.00 min

Lab File: VL037164.D

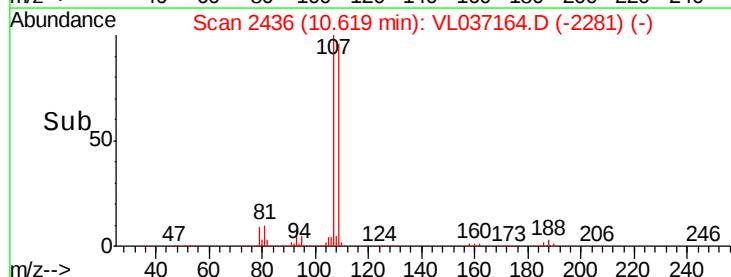
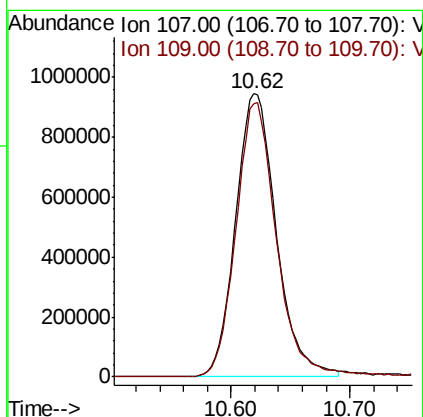
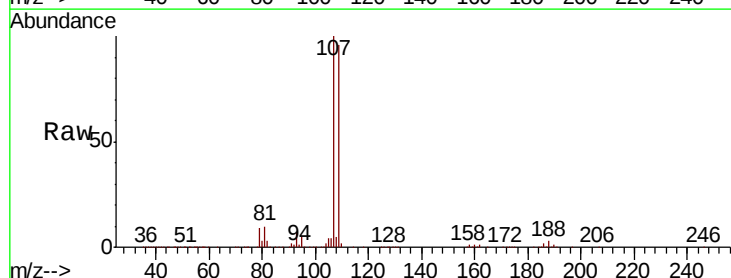
Acq: 16 Jun 2021 9:10

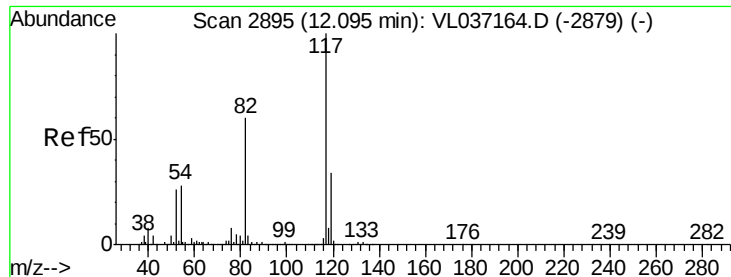
Tgt Ion: 107 Resp: 2234605

Ion Ratio Lower Upper

107 100

109 96.3 75.6 113.4





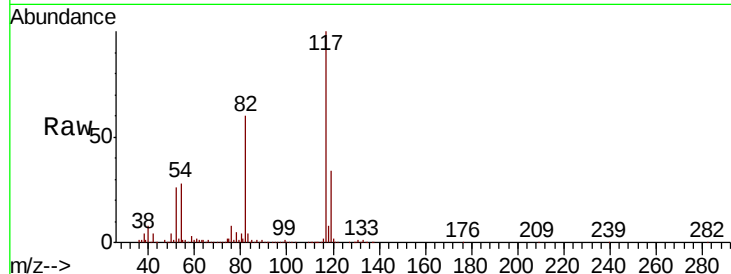
#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.10 min Scan# 2895
Delta R.T. 0.00 min
Lab File: VL037164.D
Acq: 16 Jun 2021 9:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

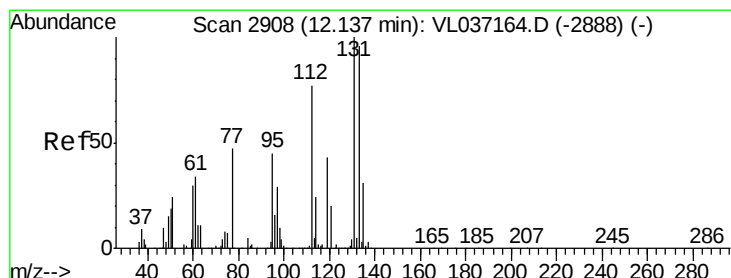
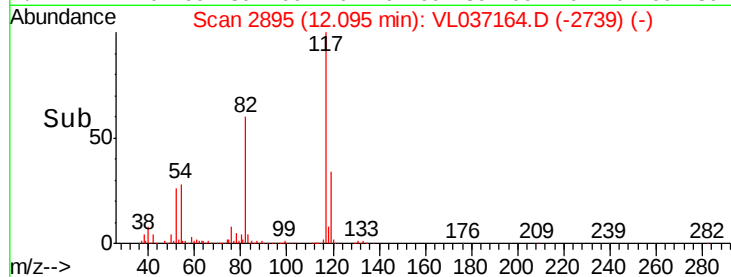
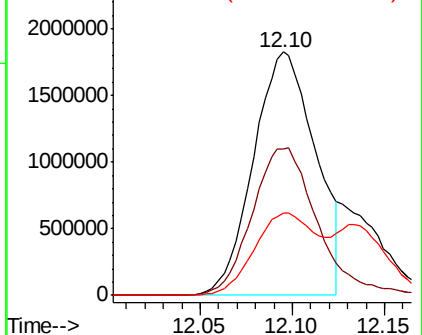
Tot Ion:117 Resp: 4296553
Ion Ratio Lower Upper
117 100
82 64.6 50.6 76.0
119 59.5 27.1 40.7#

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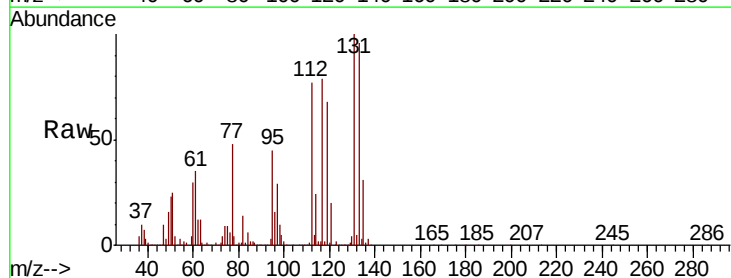


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V

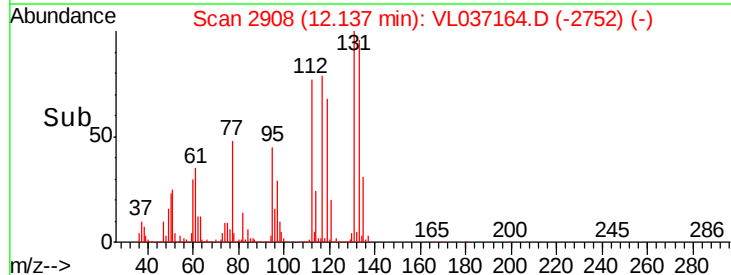
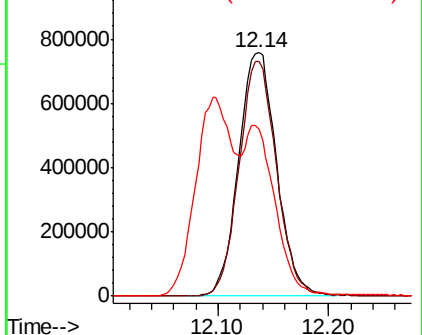


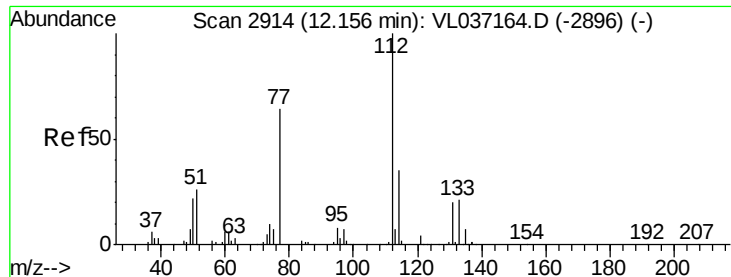
#56
1,1,1,2-Tetrachloroethane
Concen: 9.681 ppbv
RT: 12.14 min Scan# 2908
Delta R.T. 0.00 min
Lab File: VL037164.D
Acq: 16 Jun 2021 9:10

Tgt Ion:131 Resp: 1814157
Ion Ratio Lower Upper
131 100
133 95.6 76.7 115.1
119 60.7 50.7 76.1



Abundance Ion 131.00 (130.70 to 131.70): V
Ion 133.00 (132.70 to 133.70): V
Ion 119.00 (118.70 to 119.70): V





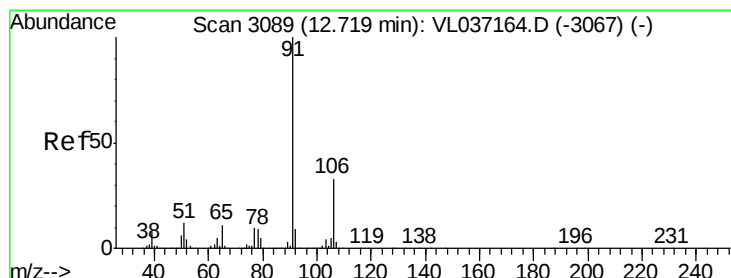
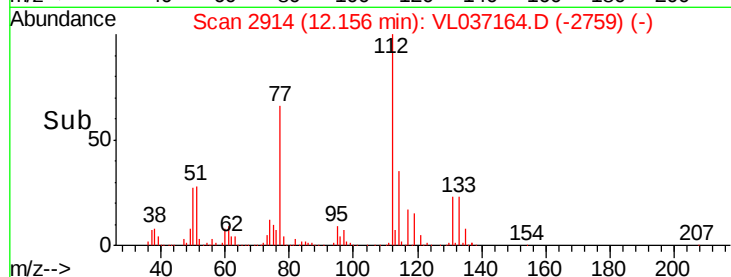
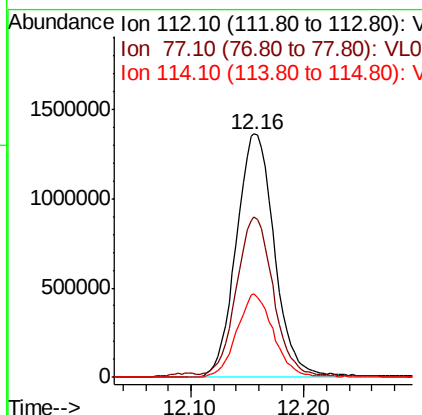
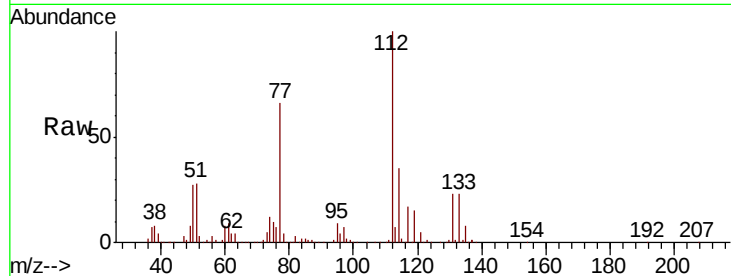
#57
Chlorobenzene
Concen: 9.306 ppbv
RT: 12.16 min Scan# 2914
Delta R.T. -0.00 min
Lab File: VL037164.D
Acq: 16 Jun 2021 9:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tot Ion:112 Resp: 3203813
Ion Ratio Lower Upper
112 100
77 65.3 51.4 77.2
114 34.6 29.7 36.3

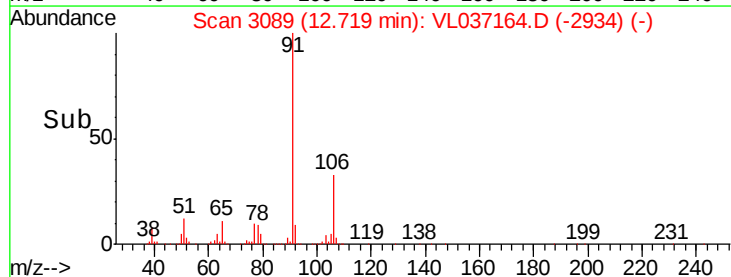
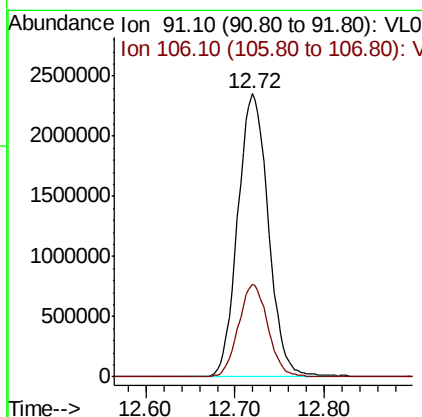
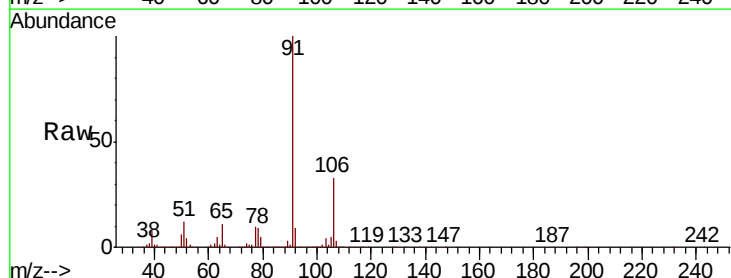
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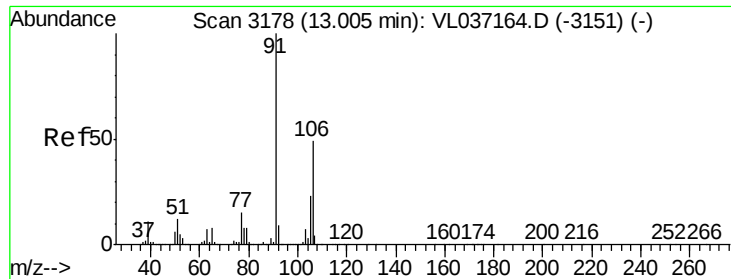
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#58
Ethyl Benzene
Concen: 9.626 ppbv
RT: 12.72 min Scan# 3089
Delta R.T. -0.00 min
Lab File: VL037164.D
Acq: 16 Jun 2021 9:10

Tgt Ion: 91 Resp: 5602483
Ion Ratio Lower Upper
91 100
106 32.9 26.8 40.2





#59

m/p-Xylene

Concen: 18.988 ppbv m

RT: 13.00 min Scan# 3178

Delta R.T. -0.00 min

Lab File: VL037164.D

Acq: 16 Jun 2021 9:10

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tot Ion: 91 Resp: 9390947

Ion Ratio Lower Upper

91 100

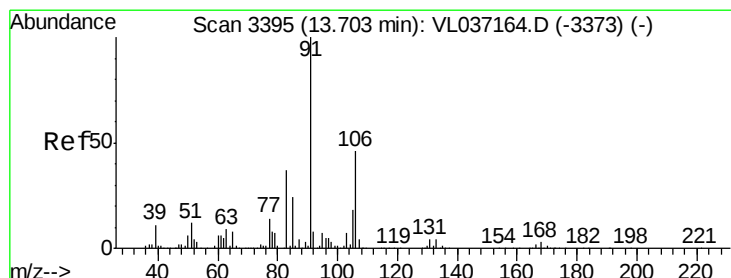
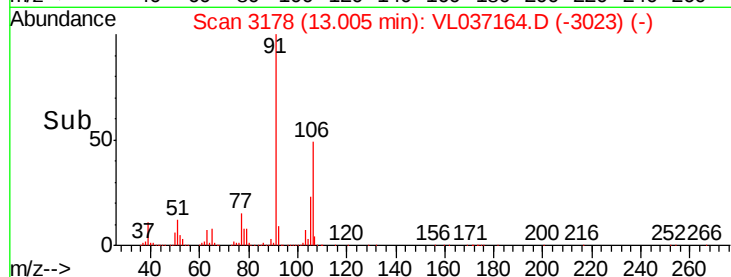
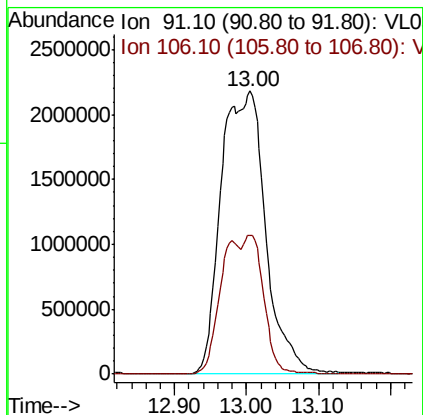
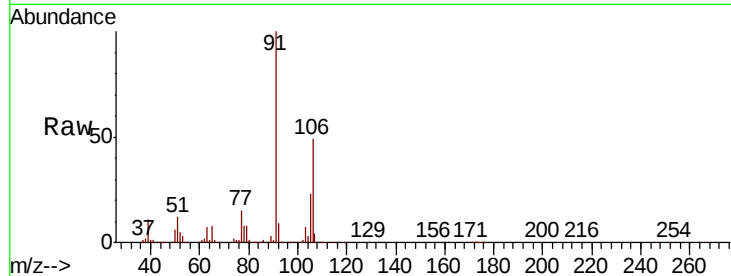
106 46.2 36.9 55.3

Manual Integrations

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#60

o-Xylene

Concen: 9.308 ppbv

RT: 13.70 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VL037164.D

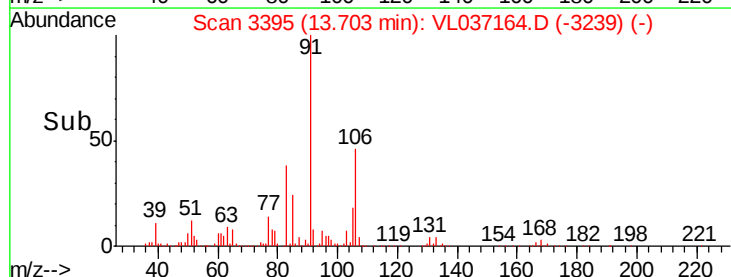
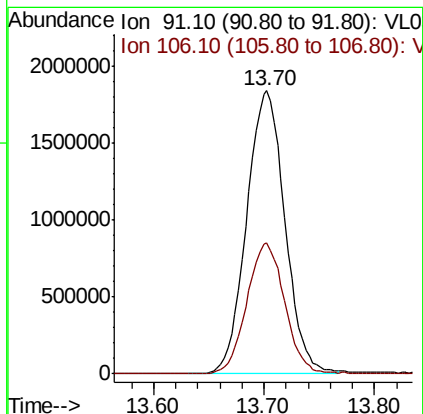
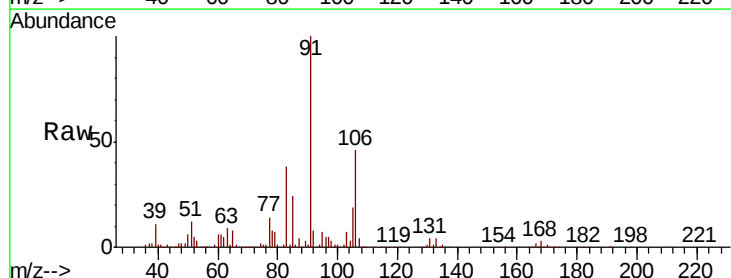
Acq: 16 Jun 2021 9:10

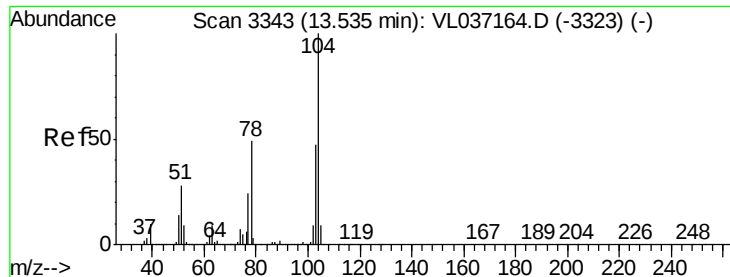
Tgt Ion: 91 Resp: 4420010

Ion Ratio Lower Upper

91 100

106 46.0 23.1 69.3





#61

Stvrene

Concen: 10.348 ppbv

RT: 13.54 min Scan# 3343

Delta R.T. -0.00 min

Lab File: VL037164.D

Acq: 16 Jun 2021 9:10

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tot Ion:104 Resp: 2590496

Ion Ratio Lower Upper

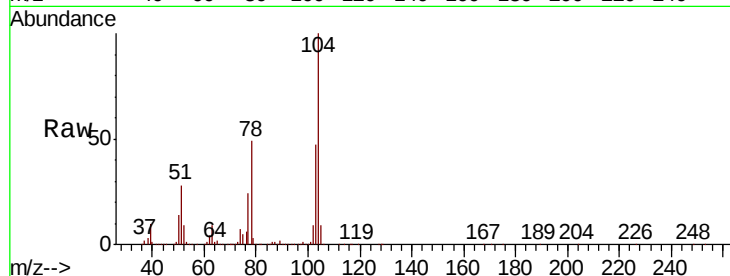
104 100

78 49.6 40.9 61.3

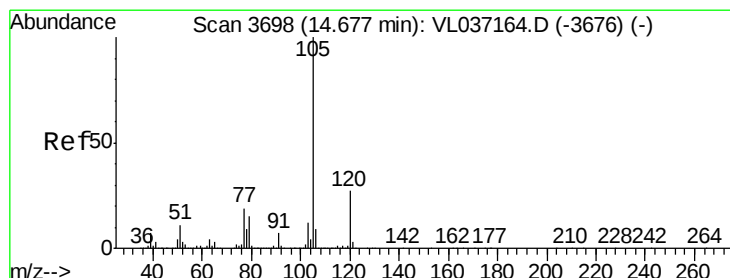
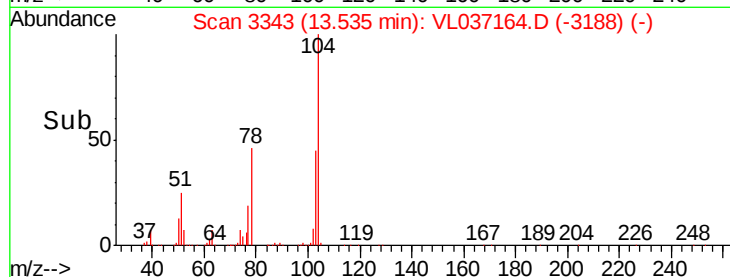
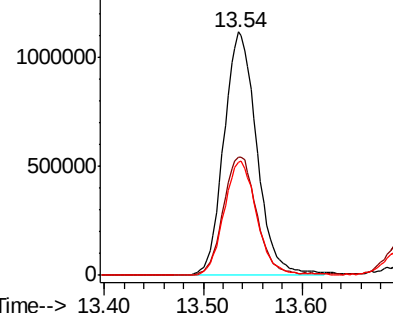
103 47.0 38.6 58.0

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Abundance Ion 104.10 (103.80 to 104.80): V
1500000
Ion 78.10 (77.80 to 78.80): VL0
Ion 103.10 (102.80 to 103.80): V



#62

Isopropylbenzene

Concen: 9.094 ppbv

RT: 14.68 min Scan# 3698

Delta R.T. 0.00 min

Lab File: VL037164.D

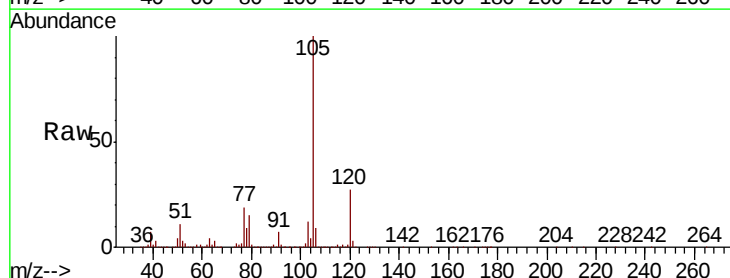
Acq: 16 Jun 2021 9:10

Tgt Ion:105 Resp: 6155073

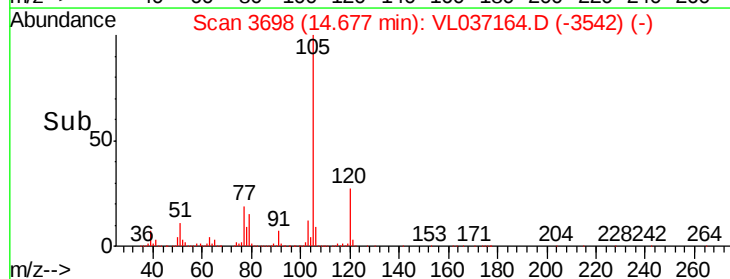
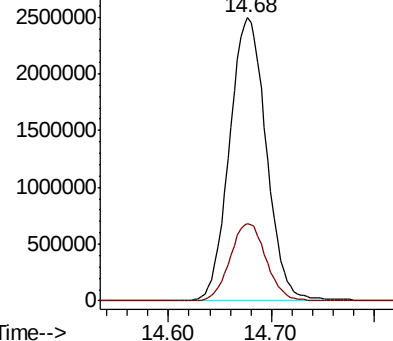
Ion Ratio Lower Upper

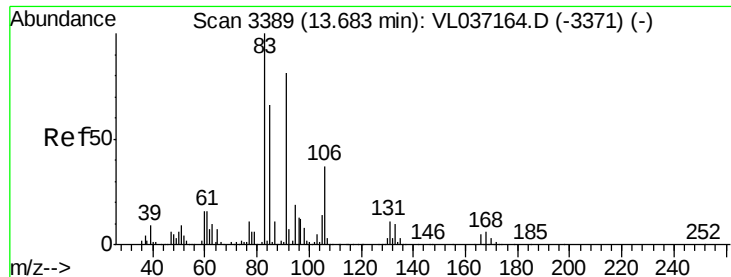
105 100

120 27.0 21.8 32.6



Abundance Ion 105.10 (104.80 to 105.80): V
2500000
Ion 120.20 (119.90 to 120.90): V





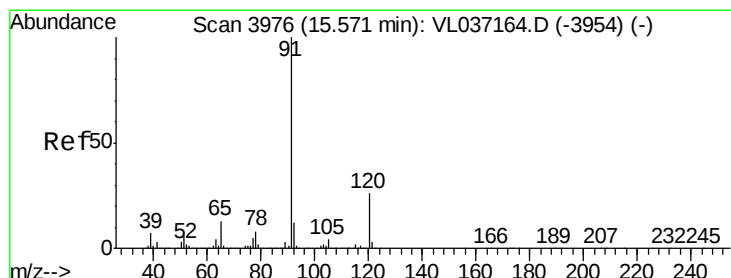
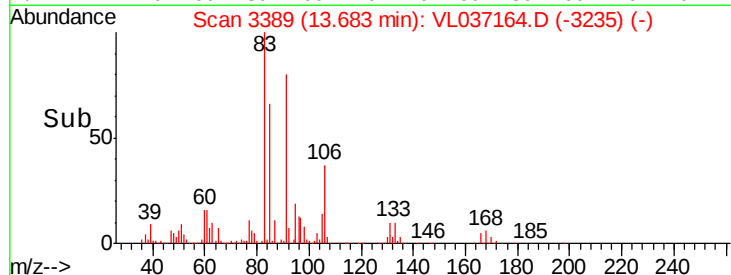
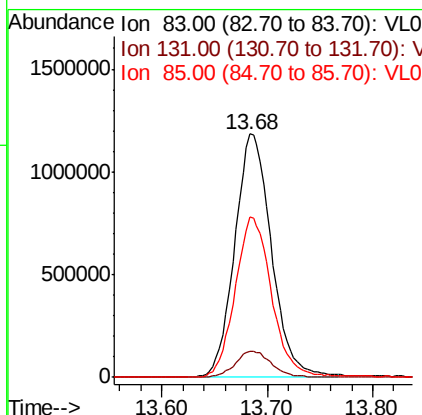
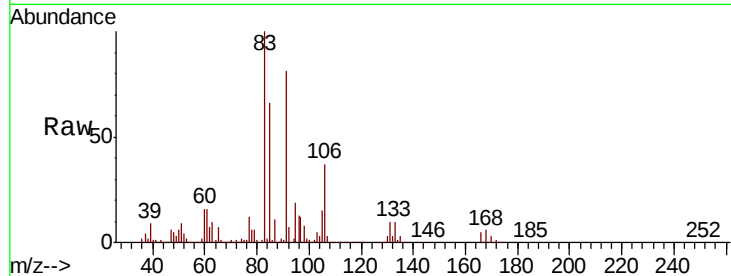
#63
 1,1,2,2-Tetrachloroethane
 Concen: 9.291 ppbv
 RT: 13.68 min Scan# 3389
 Delta R.T. -0.01 min
 Lab File: VL037164.D
 Acq: 16 Jun 2021 9:10

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tot Ion: 83 Resp: 2868744
 Ion Ratio Lower Upper
 83 100
 131 10.8 5.4 16.2
 85 66.1 33.3 99.9

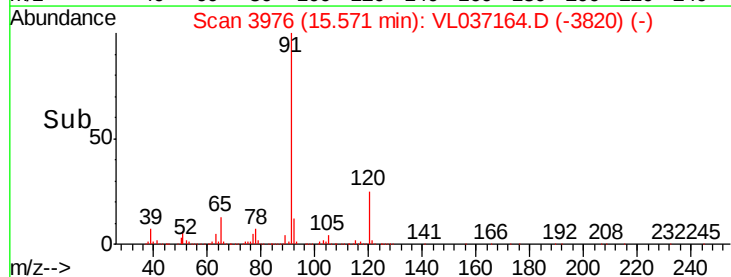
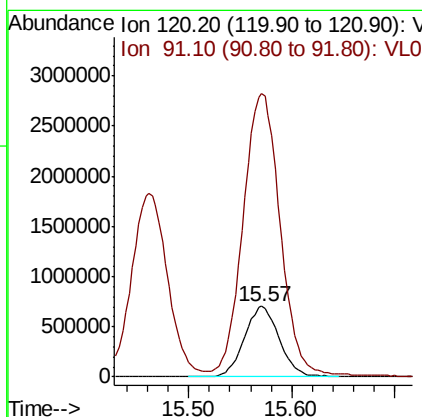
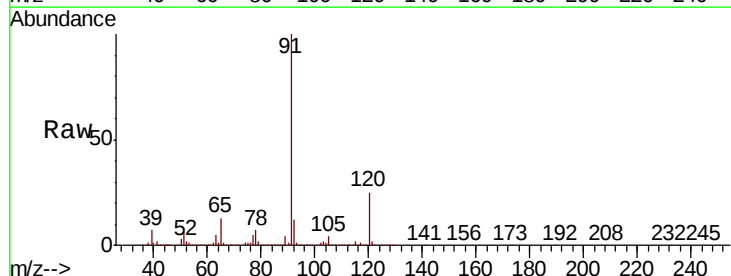
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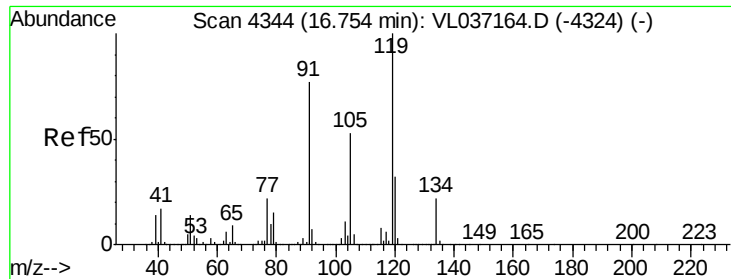
MMDadoda
 6/25/2021 10:54:00 PM



#64
 n-propylbenzene
 Concen: 9.621 ppbv
 RT: 15.57 min Scan# 3976
 Delta R.T. 0.00 min
 Lab File: VL037164.D
 Acq: 16 Jun 2021 9:10

Tgt Ion: 120 Resp: 1660748
 Ion Ratio Lower Upper
 120 100
 91 429.1 342.2 513.4





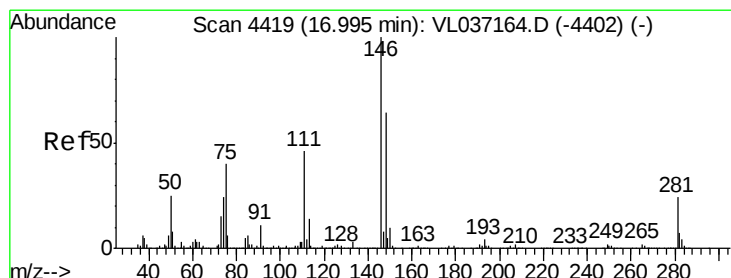
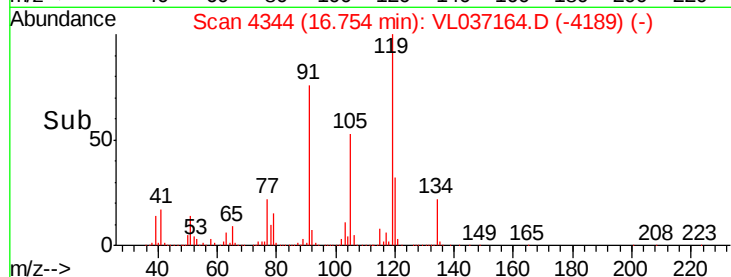
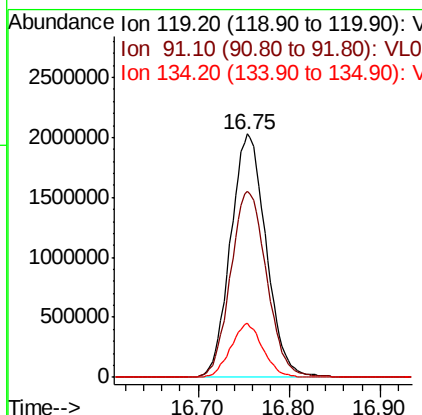
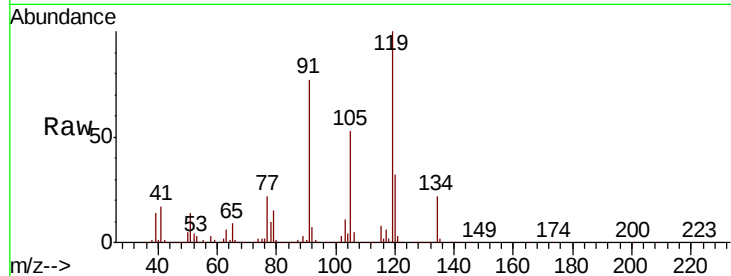
#65
tert-Butylbenzene
Concen: 8.938 ppbv
RT: 16.75 min Scan# 4344
Delta R.T. -0.00 min
Lab File: VL037164.D
Acq: 16 Jun 2021 9:10

Instrument :
MSVOA_L
ClientSampleID :
VSTDICCC010

Tot Ion	Ratio	Lower	Upper
119	100		
91	78.2	62.8	94.2
134	20.3	16.5	24.7

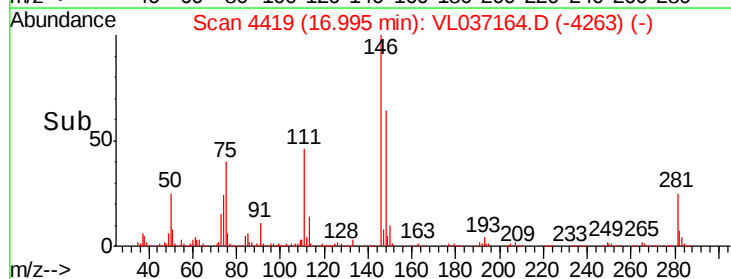
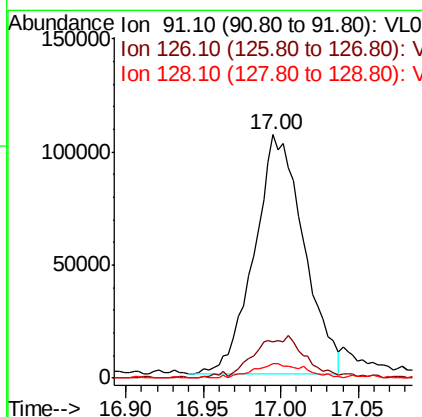
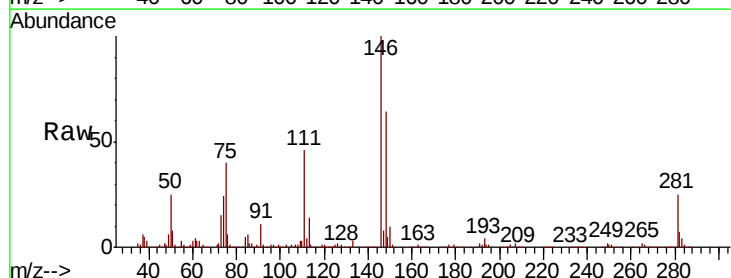
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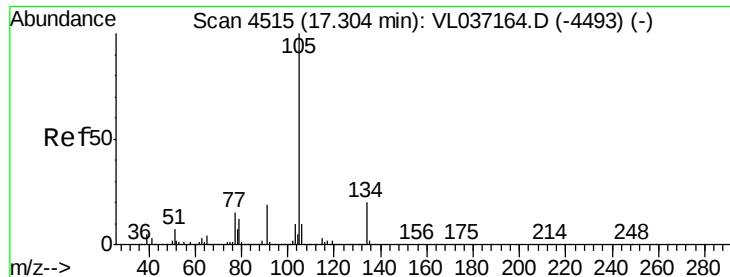
MMDadoda
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#66
Benzyl Chloride
Concen: 8.815 ppbv
RT: 17.00 min Scan# 4419
Delta R.T. 0.00 min
Lab File: VL037164.D
Acq: 16 Jun 2021 9:10

Tgt Ion	Ratio	Lower	Upper
91	100		
126	19.4	16.4	24.6
128	7.1	5.7	8.5





#67

sec-Butylbenzene

Concen: 8.943 ppbv

RT: 17.30 min Scan# 4515

Delta R.T. -0.00 min

Lab File: VL037164.D

Acq: 16 Jun 2021 9:10

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tot Ion: 105 Resp: 7288806

Ion Ratio Lower Upper

105 100

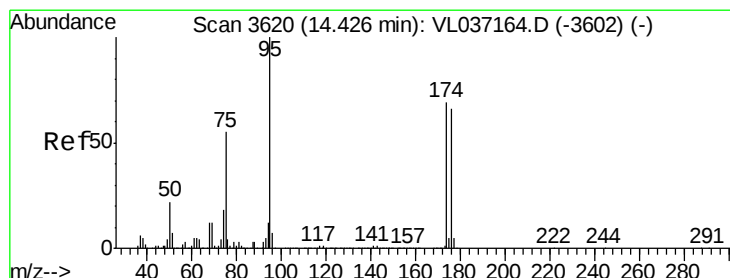
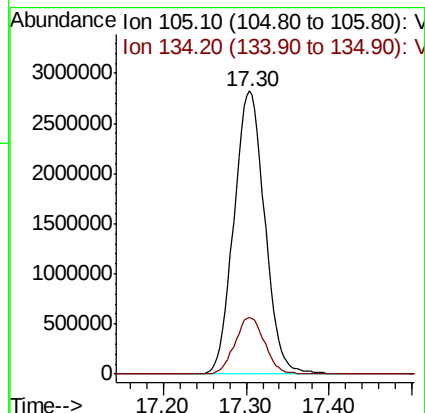
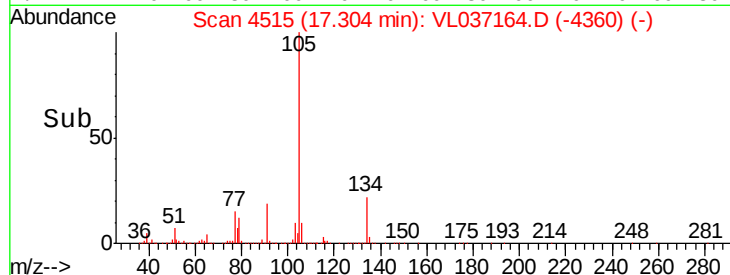
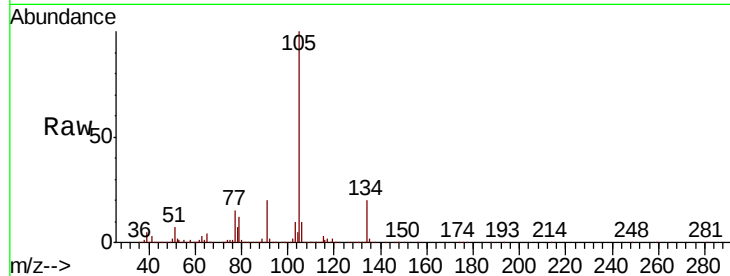
134 19.7 16.0 24.0

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#68

1-Bromo-4-Fluorobenzene

Concen: 10.700 ppbv

RT: 14.43 min Scan# 3620

Delta R.T. -0.00 min

Lab File: VL037164.D

Acq: 16 Jun 2021 9:10

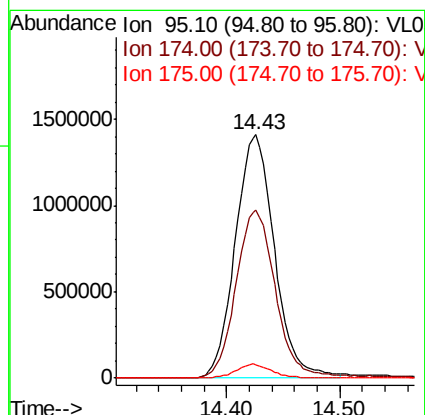
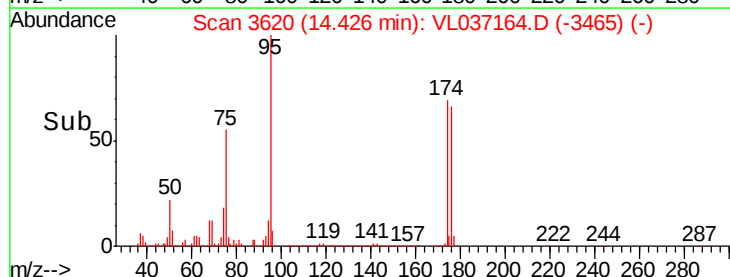
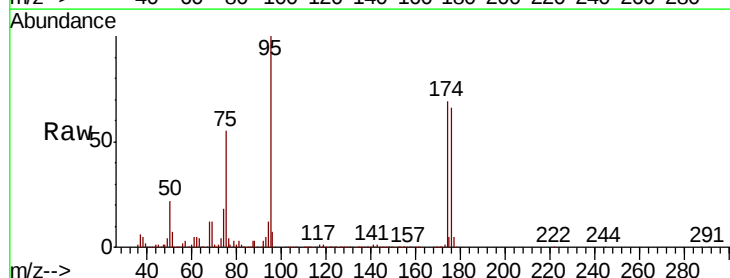
Tgt Ion: 95 Resp: 3386230

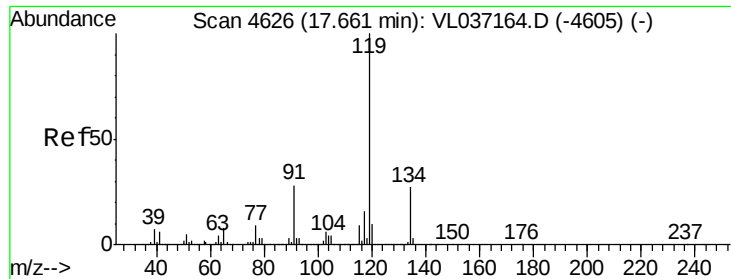
Ion Ratio Lower Upper

95 100

174 71.2 57.6 86.4

175 5.5 4.4 6.6





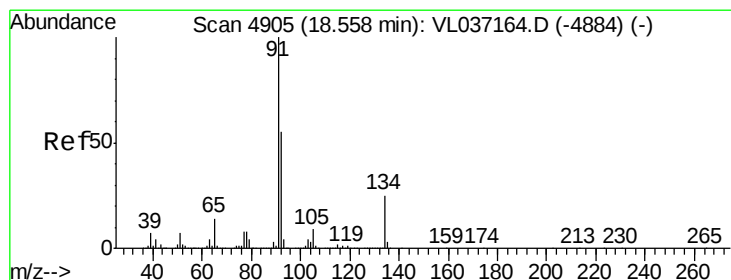
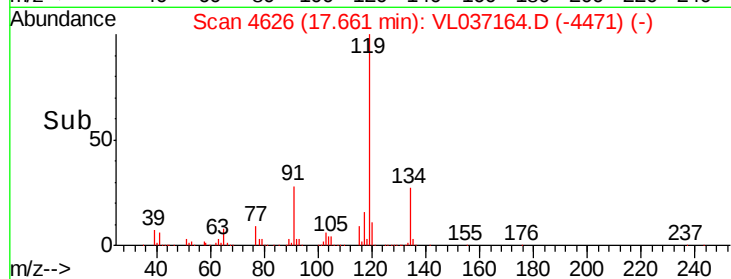
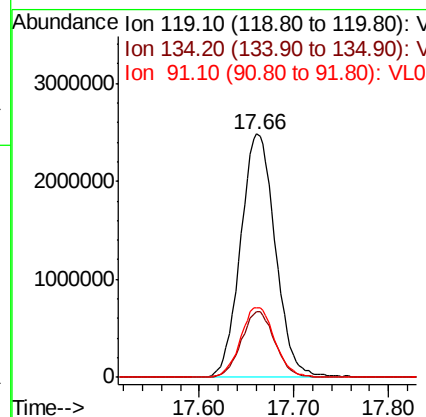
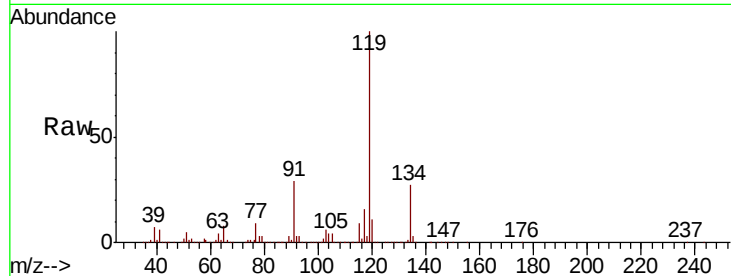
#69
 p-Isopropyltoluene
 Concen: 9.280 ppbv
 RT: 17.66 min Scan# 4626
 Delta R.T. -0.00 min
 Lab File: VL037164.D
 Acq: 16 Jun 2021 9:10

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.1	21.2	31.8
91	28.3	22.9	34.3

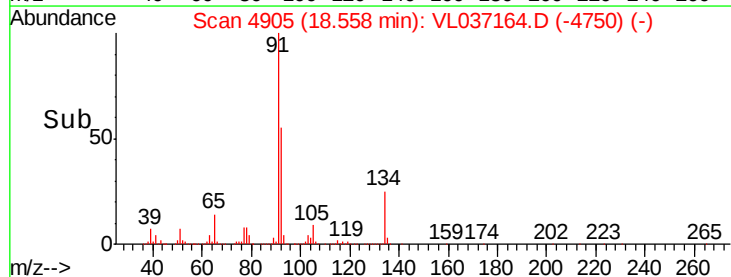
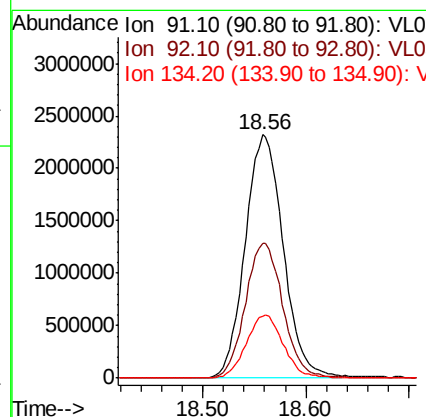
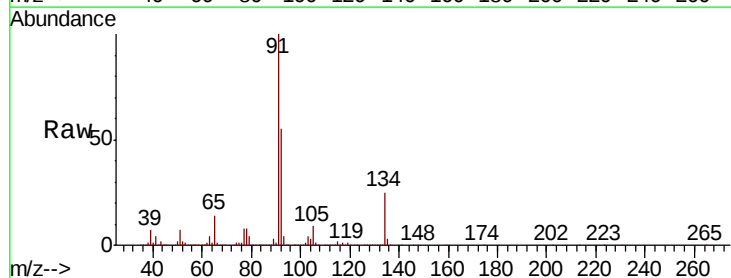
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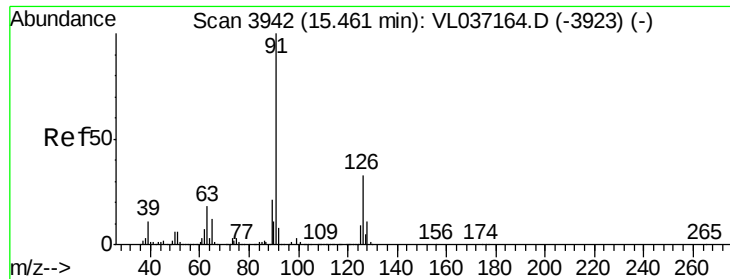
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#70
 n-Butylbenzene
 Concen: 9.539 ppbv
 RT: 18.56 min Scan# 4905
 Delta R.T. -0.00 min
 Lab File: VL037164.D
 Acq: 16 Jun 2021 9:10

Tgt Ion	Ratio	Lower	Upper
91	100		
92	55.0	44.0	66.0
134	25.3	20.4	30.6





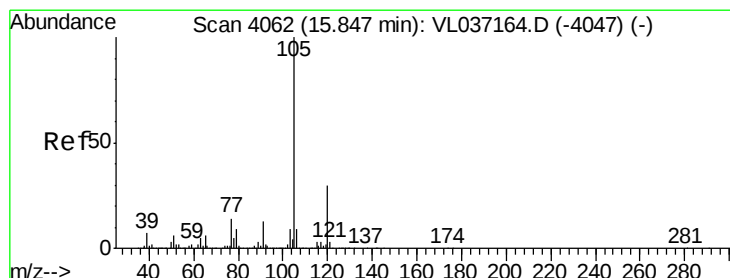
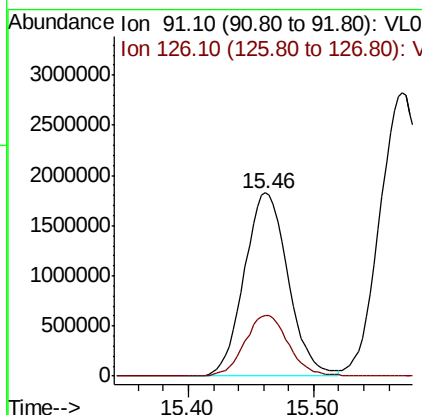
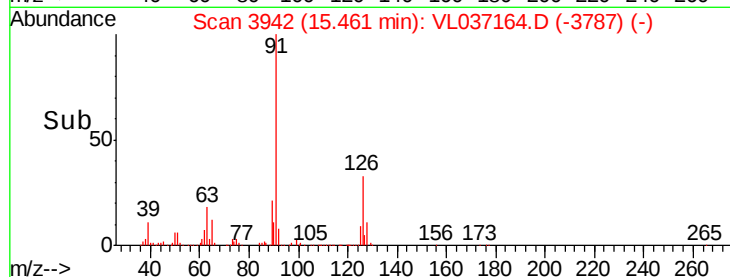
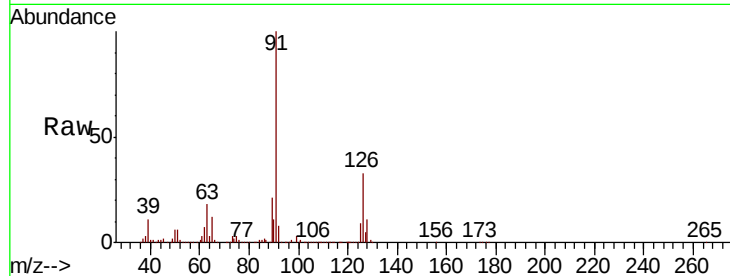
#71
2-Chlorotoluene
Concen: 9.193 ppbv
RT: 15.46 min Scan# 3942
Delta R.T. -0.00 min
Lab File: VL037164.D
Acq: 16 Jun 2021 9:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tot Ion: 91 Resp: 4438348
Ion Ratio Lower Upper
91 100
126 33.8 13.4 53.6

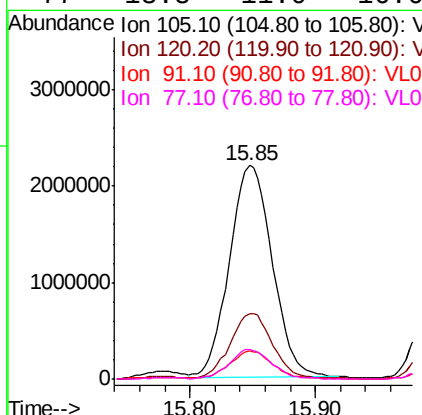
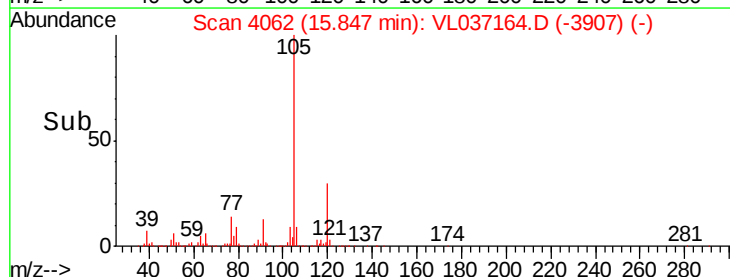
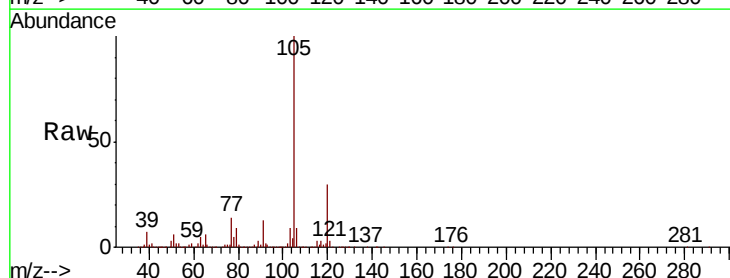
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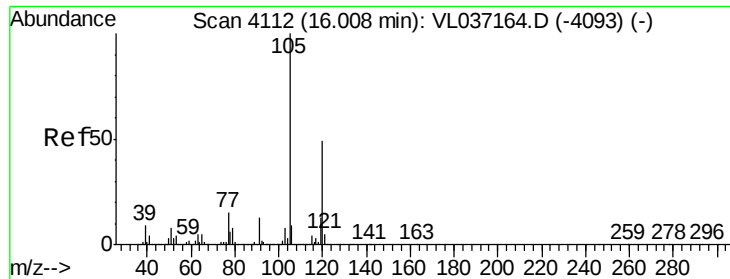
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#72
4-Ethyltoluene
Concen: 9.471 ppbv
RT: 15.85 min Scan# 4062
Delta R.T. -0.00 min
Lab File: VL037164.D
Acq: 16 Jun 2021 9:10

Tgt Ion: 105 Resp: 5224456
Ion Ratio Lower Upper
105 100
120 30.9 25.1 37.7
91 12.8 10.3 15.5
77 13.8 11.0 16.6





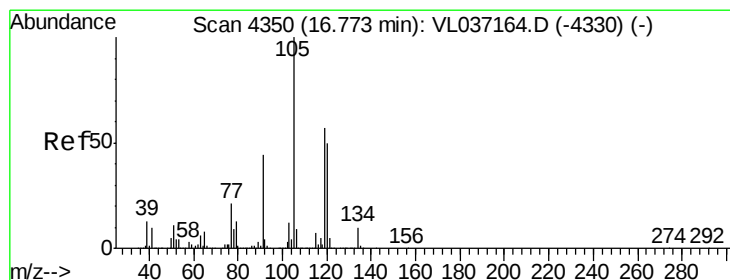
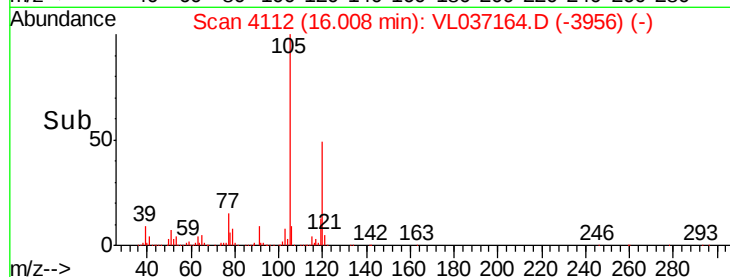
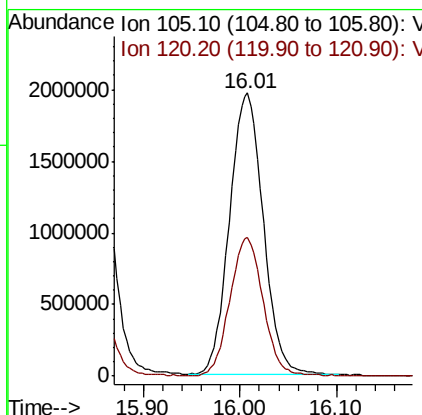
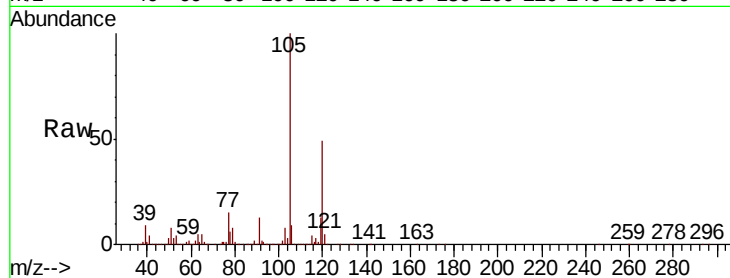
#73
 1,3,5-Trimethylbenzene
 Concen: 9.086 ppbv
 RT: 16.01 min Scan# 4112
 Delta R.T. 0.00 min
 Lab File: VL037164.D
 Acq: 16 Jun 2021 9:10

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tot Ion:105 Resp: 4753633
 Ion Ratio Lower Upper
 105 100
 120 49.3 39.7 59.5

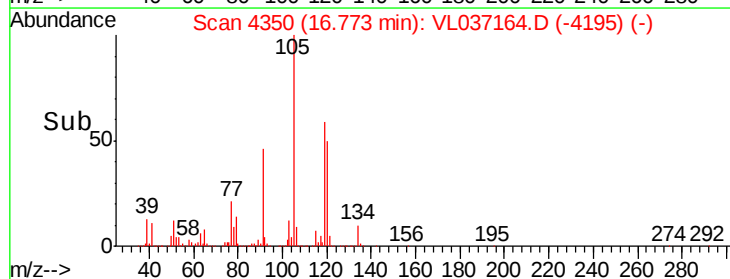
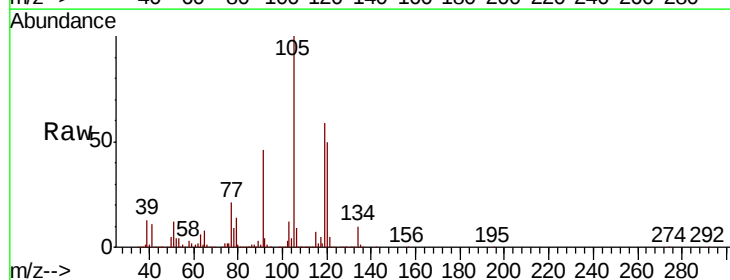
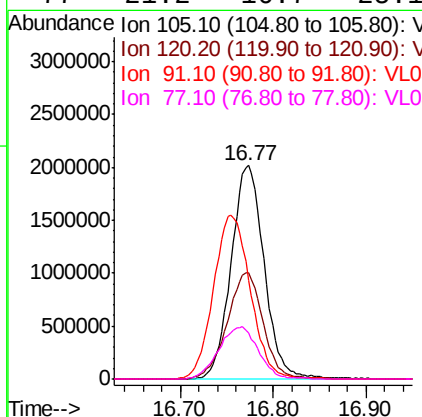
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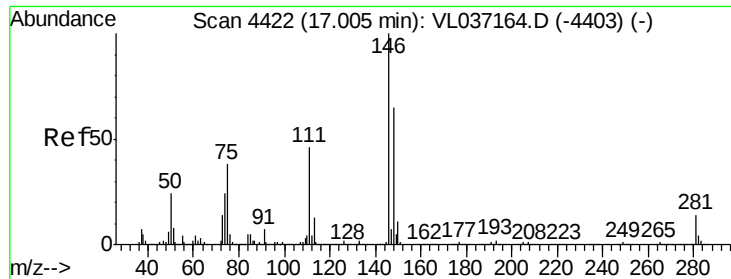
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#74
 1,2,4-Trimethylbenzene
 Concen: 9.340 ppbv
 RT: 16.77 min Scan# 4350
 Delta R.T. -0.00 min
 Lab File: VL037164.D
 Acq: 16 Jun 2021 9:10

Tgt Ion:105 Resp: 4972523
 Ion Ratio Lower Upper
 105 100
 120 49.8 39.7 59.5
 91 46.2 35.8 53.8
 77 21.2 16.7 25.1





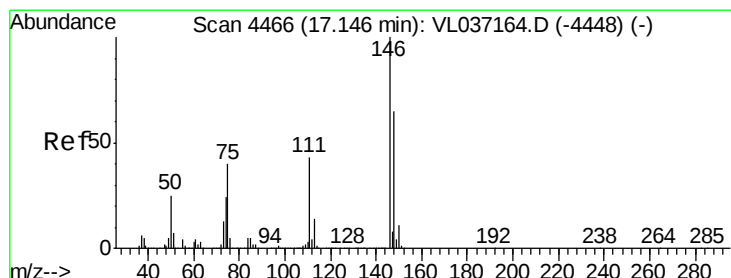
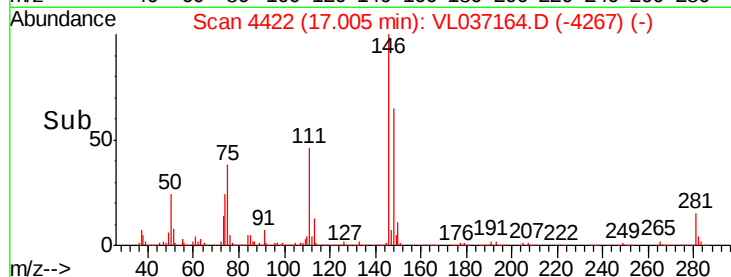
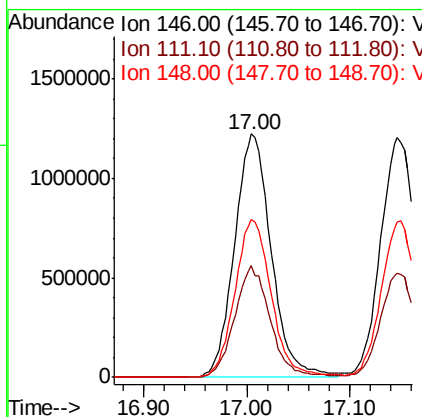
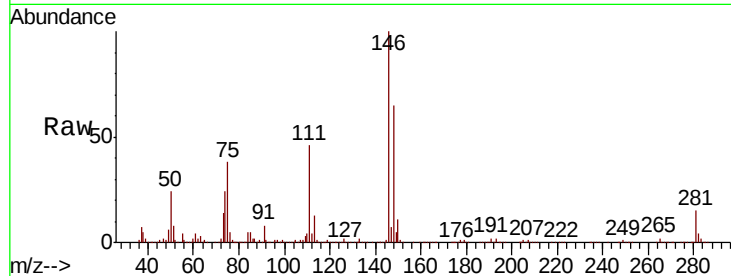
#75
 1,3-Dichlorobenzene
 Concen: 9.240 ppbv
 RT: 17.00 min Scan# 4422
 Delta R.T. -0.00 min
 Lab File: VL037164.D
 Acq: 16 Jun 2021 9:10

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tot Ion:146 Resp: 3028936
 Ion Ratio Lower Upper
 146 100
 111 44.4 22.4 67.2
 148 64.8 32.3 96.9

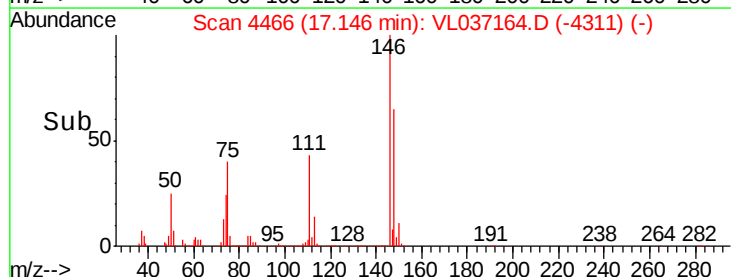
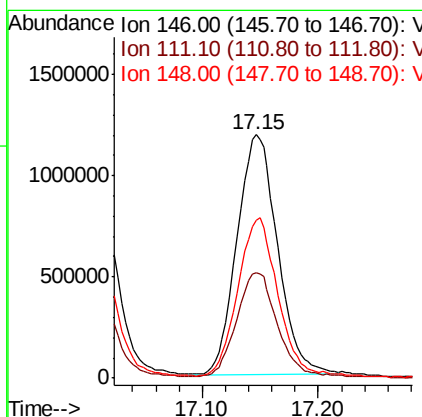
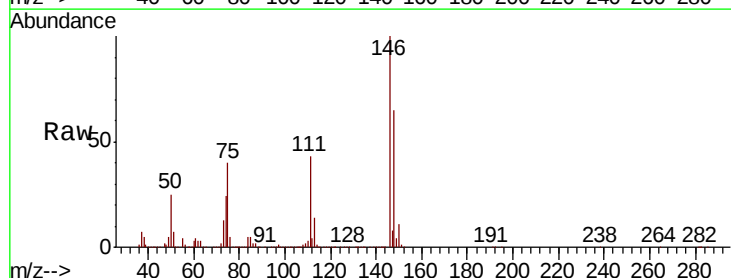
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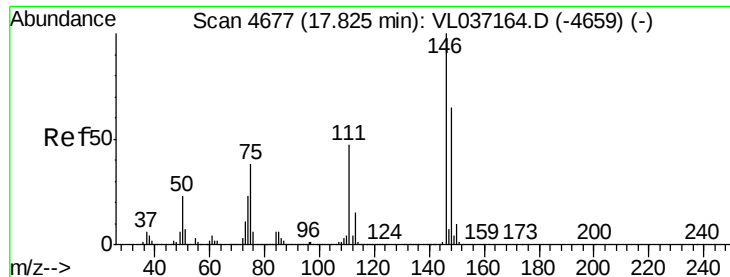
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#76
 1,4-Dichlorobenzene
 Concen: 8.863 ppbv
 RT: 17.15 min Scan# 4466
 Delta R.T. -0.00 min
 Lab File: VL037164.D
 Acq: 16 Jun 2021 9:10

Tgt Ion:146 Resp: 2885468
 Ion Ratio Lower Upper
 146 100
 111 45.3 21.9 65.5
 148 67.4 32.4 97.0





#77

1,2-Dichlorobenzene

Concen: 8.841 ppbv

RT: 17.82 min Scan# 4677

Delta R.T. -0.00 min

Lab File: VL037164.D

Acq: 16 Jun 2021 9:10

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tot Ion:146 Resp: 2857393

Ion Ratio Lower Upper

146 100

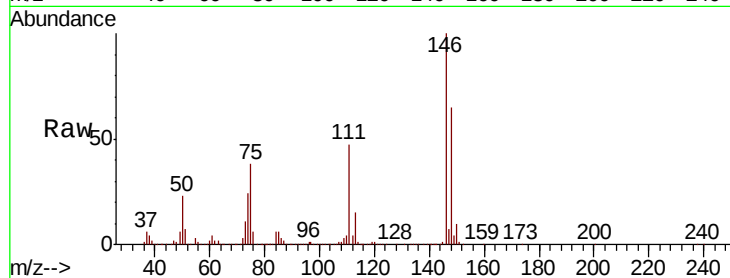
111 46.5 23.1 69.3

148 64.7 32.5 97.5

Manual Integrations
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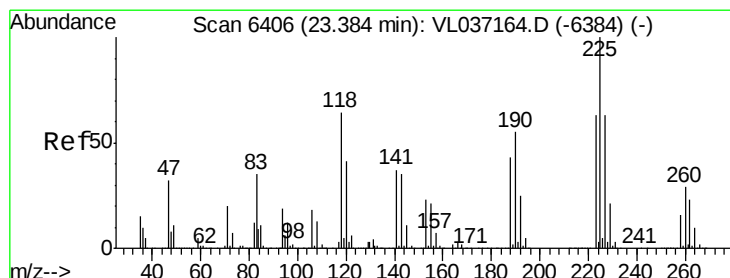
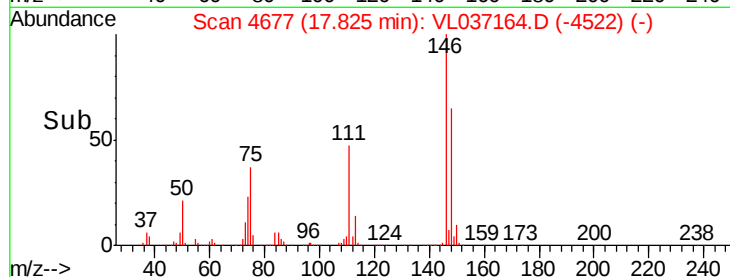
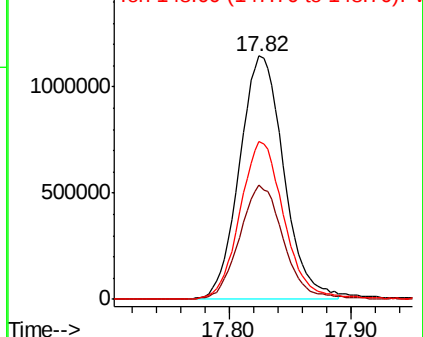


Abundance

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: 9.467 ppbv

RT: 23.38 min Scan# 6406

Delta R.T. -0.00 min

Lab File: VL037164.D

Acq: 16 Jun 2021 9:10

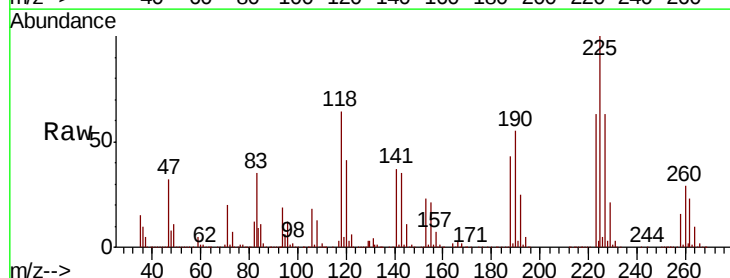
Tgt Ion:225 Resp: 2169101

Ion Ratio Lower Upper

225 100

223 64.8 52.2 78.2

227 64.2 51.5 77.3

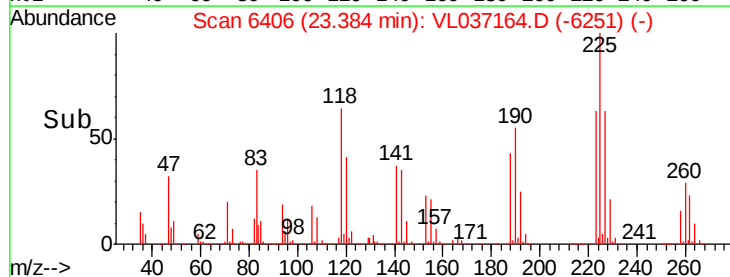
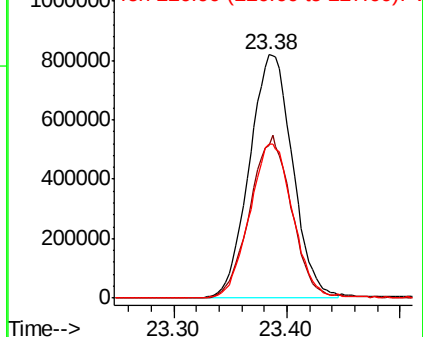


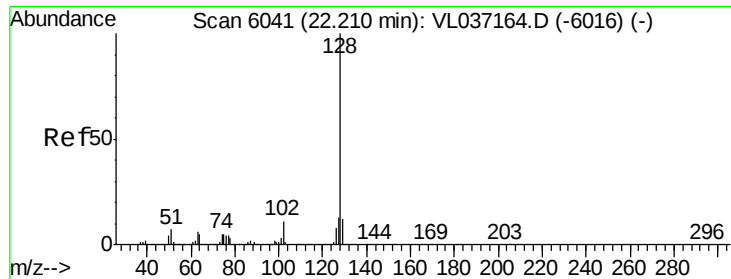
Abundance

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





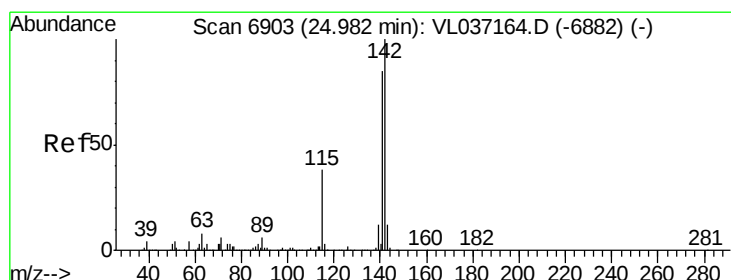
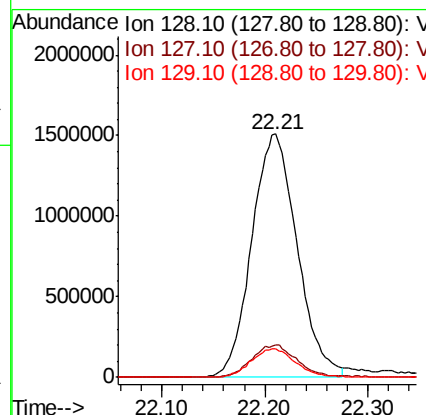
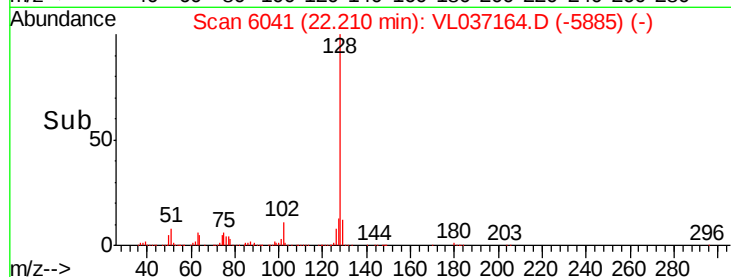
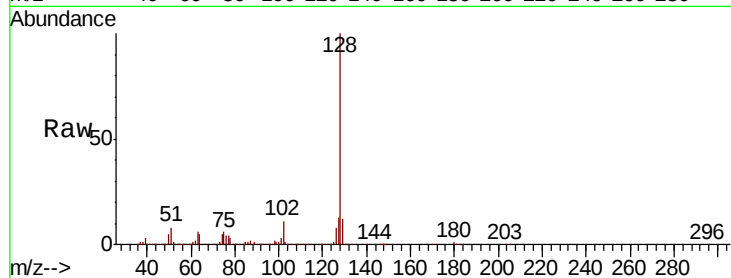
#79
Naphthalene
Concen: 14.404 ppbv
RT: 22.21 min Scan# 6041
Delta R.T. 0.00 min
Lab File: VL037164.D
Acq: 16 Jun 2021 9:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.9	16.3
129	11.6	9.0	13.4

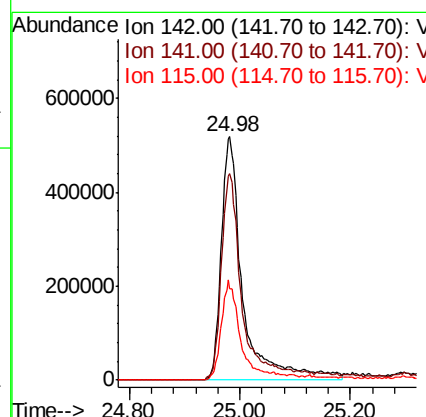
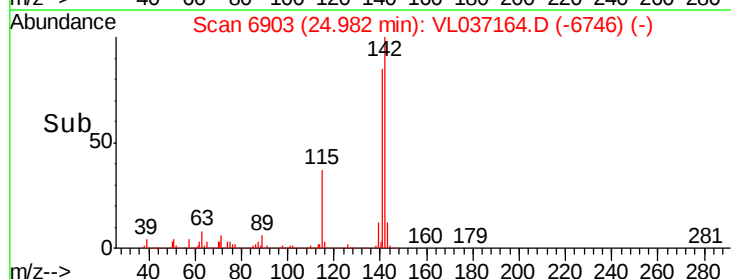
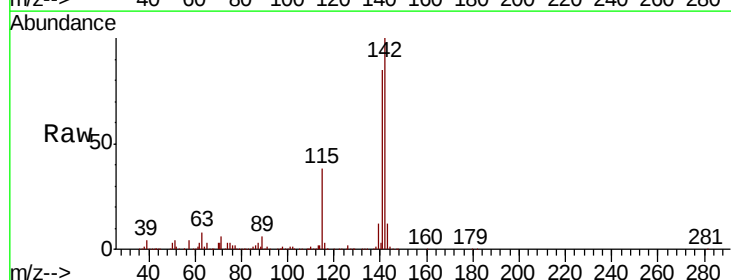
Manual Integrations
APPROVED

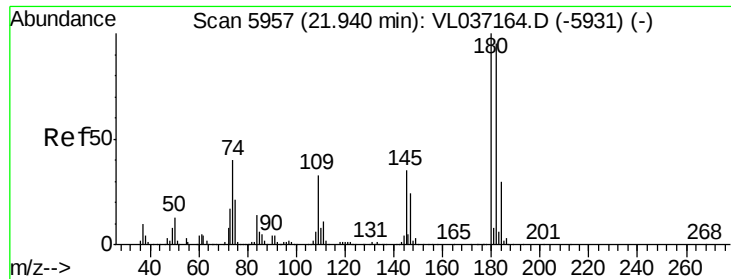
MMDadoda
6/25/2021 10:54:00 PM



#80
Naphthalene, 2-methyl-
Concen: 18.193 ppbv
RT: 24.98 min Scan# 6903
Delta R.T. 0.00 min
Lab File: VL037164.D
Acq: 16 Jun 2021 9:10

Tgt Ion	Ratio	Lower	Upper
142	100		
141	79.6	66.7	100.1
115	38.2	32.2	48.2





#81
 1,2,4-Trichlorobenzene
 Concen: 12.283 ppbv
 RT: 21.94 min Scan# 5957
 Delta R.T. 0.00 min
 Lab File: VL037164.D
 Acq: 16 Jun 2021 9:10

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tot Ion	Ratio	Lower	Upper
180	100		
182	99.1	79.8	119.6
184	30.9	25.1	37.7

Manual Integrations
 APPROVED

MMDadoda
 6/25/2021 10:54:00 PM

