

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081121\
 Data File : VL037376.D
 Acq On : 11 Aug 2021 3:04
 Operator : SY/AP
 Sample : VSTDIC002
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

Manual Integrations
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 8/12/2021 10:16:35 AM

Quant Time: Aug 11 08:49:39 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081121AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Aug 11 08:49:39 2021
 QLast Update : Wed Aug 11 03:21:19 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1313894	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3957617	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3611791	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2524582	9.27	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	92.70%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.04	85	357221	1.595 ppbv	95
3) Chlorodifluoromethane	2.99	51	501496	1.978 ppbv	100
4) Chloromethane	3.14	50	179639	2.107 ppbv	91
5) Vinyl Chloride	3.25	62	180171	1.932 ppbv	97
6) Bromomethane	3.47	94	101498m	1.868 ppbv	
7) Chloroethane	3.56	64	62921m	1.879 ppbv	
8) Dichlorotetrafluoroethane	3.19	85	417213	1.811 ppbv	96
9) Propene	3.01	41	162747	1.992 ppbv	96
10) Heptane	8.12	43	403554	2.031 ppbv	98
11) Trichlorofluoromethane	3.95	101	398634	1.691 ppbv	98
12) 1,1,2-Trichlorotrifluoroet	4.48	101	293639m	1.775 ppbv	
13) Ethanol	3.61	45	19420m	1.558 ppbv	
14) Bromoethene	3.74	108	130466	1.854 ppbv	99
15) Acetone	3.85	43	277316	1.893 ppbv #	74
16) 1,3-Butadiene	3.33	39	180814m	2.077 ppbv	
17) tert-Butyl alcohol	4.30	59	217647m	1.657 ppbv	
18) 1,1-Dichloroethene	4.29	96	133986m	1.819 ppbv	
19) Isopropyl Alcohol	3.98	45	142191m	1.643 ppbv	
20) Methylene Chloride	4.34	84	134903	1.546 ppbv	97
21) Allyl Chloride	4.41	41	186153	1.696 ppbv	93
22) trans-1,2-Dichloroethene	4.88	96	123914m	1.702 ppbv	
23) Vinyl Acetate	5.07	43	434793m	2.049 ppbv	
24) 1,1-Dichloroethane	5.01	63	333670m	1.981 ppbv	
25) Ethyl Acetate	5.68	43	649364	2.016 ppbv	98
26) Hexane	5.68	57	340904	2.102 ppbv	94
27) Carbon Disulfide	4.55	76	275469	1.791 ppbv	99
28) Methyl tert-Butyl Ether	5.03	73	366846m	1.922 ppbv	
29) Chloroform	5.75	83	469811	1.901 ppbv	97
30) Cyclohexane	7.12	84	273123	2.022 ppbv	86
31) cis-1,2-Dichloroethene	5.55	61	297769m	2.003 ppbv	
32) 1,1,1-Trichloroethane	6.51	97	448163	1.702 ppbv	99
34) 2-Butanone	5.25	43	322154m	2.117 ppbv	
35) Carbon Tetrachloride	7.01	117	453953	1.755 ppbv	98
36) Benzene	6.88	78	673198	2.108 ppbv	97
37) 1,2-Dichloroethane	6.30	62	330186	1.823 ppbv	99
38) Trichloroethene	7.83	130	270859m	1.798 ppbv	
39) 1,2-Dichloropropane	7.61	63	247800	2.097 ppbv	98
40) 1,4-Dioxane	7.85	88	59574m	1.832 ppbv	
41) Tetrahydrofuran	6.06	42	146687m	2.062 ppbv	
42) Bromodichloromethane	7.78	83	474966	1.902 ppbv	98
43) Methyl Methacrylate	8.01	69	217682	1.981 ppbv	100

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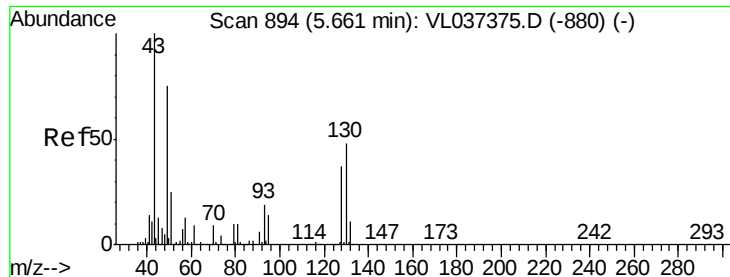
Manual Integrations
 APPROVED

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 8/12/2021 10:16:35 AM

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081121AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Aug 11 2021
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	1127258m	2.092	ppbv	
45) t-1,3-Dichloropropene	9.27	75	162638m	1.741	ppbv	
46) cis-1,3-Dichloropropene	8.70	75	229087	1.784	ppbv	94
47) 1,1,2-Trichloroethane	9.46	97	264286	1.963	ppbv	98
48) Dibromochloromethane	10.30	129	399422m	1.920	ppbv	
49) Bromoform	13.03	173	307149m	1.981	ppbv	
50) 4-Methyl-2-Pentanone	8.75	43	404272	1.941	ppbv	98
51) 2-Hexanone	10.15	43	190818m	1.911	ppbv	
52) Tetrachloroethene	11.21	164	246010	1.677	ppbv	96
53) Toluene	9.80	91	774866m	2.036	ppbv	
54) 1,2-Dibromoethane	10.60	107	387703m	2.010	ppbv	
56) 1,1,1,2-Tetrachloroethane	12.12	131	286741	1.861	ppbv #	1
57) Chlorobenzene	12.14	112	571616	1.968	ppbv	94
58) Ethyl Benzene	12.70	91	994826	2.006	ppbv	95
59) m/p-Xylene	12.98	91	1730469m	4.114	ppbv	
60) o-Xylene	13.68	91	792875	1.989	ppbv	99
61) Styrene	13.52	104	427617m	2.097	ppbv	
62) Isopropylbenzene	14.66	105	1129515	1.987	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.67	83	571485	2.120	ppbv	96
64) n-propylbenzene	15.55	120	283542	2.008	ppbv	92
65) tert-Butylbenzene	16.73	119	1046726	2.080	ppbv	98
66) Benzyl Chloride	16.99	91	40540m	1.827	ppbv	
67) sec-Butylbenzene	17.29	105	1449975	2.138	ppbv	100
69) p-Isopropyltoluene	17.64	119	1200754	2.114	ppbv	98
70) n-Butylbenzene	18.54	91	1121010m	2.118	ppbv	
71) 2-Chlorotoluene	15.45	91	831762	2.087	ppbv	99
72) 4-Ethyltoluene	15.83	105	958612	2.106	ppbv	99
73) 1,3,5-Trimethylbenzene	15.99	105	880804	2.005	ppbv	92
74) 1,2,4-Trimethylbenzene	16.75	105	932594	2.063	ppbv #	91
75) 1,3-Dichlorobenzene	16.99	146	527485	1.919	ppbv	97
76) 1,4-Dichlorobenzene	17.13	146	542704m	1.976	ppbv	
77) 1,2-Dichlorobenzene	17.81	146	535055m	2.011	ppbv	
78) Hexachloro-1,3-Butadiene	23.36	225	432758m	1.905	ppbv	
79) Naphthalene	22.19	128	450910	1.254	ppbv	97
80) Naphthalene, 2-methyl-	24.97	142	89693	1.040	ppbv #	73
81) 1,2,4-Trichlorobenzene	21.91	180	329481m	1.555	ppbv	

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 895

Delta R.T. 0.00 min

Lab File: VL037376.D

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Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

Tot Ion: 49 Resp: 1313894

Ion Ratio Lower Upper

49 100

128 55.0 28.1 84.2

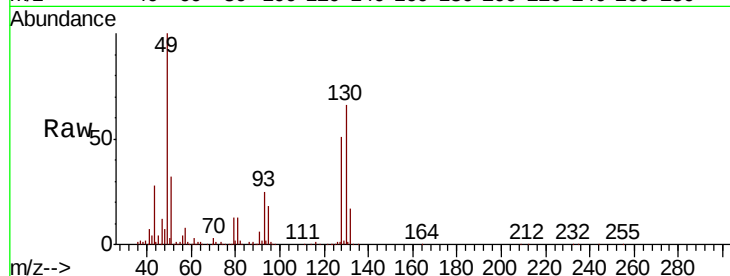
130 69.5 34.6 103.8

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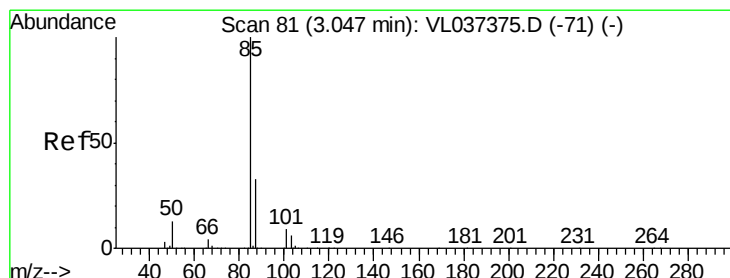
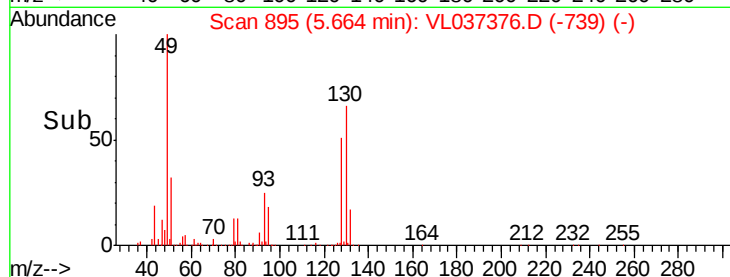
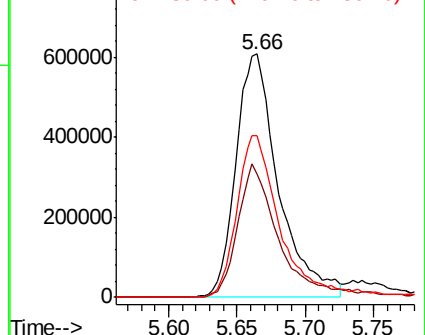
8/12/2021 10:16:35 AM



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#2

Dichlorodifluoromethane

Concen: 1.595 ppbv

RT: 3.04 min Scan# 80

Delta R.T. -0.00 min

Lab File: VL037376.D

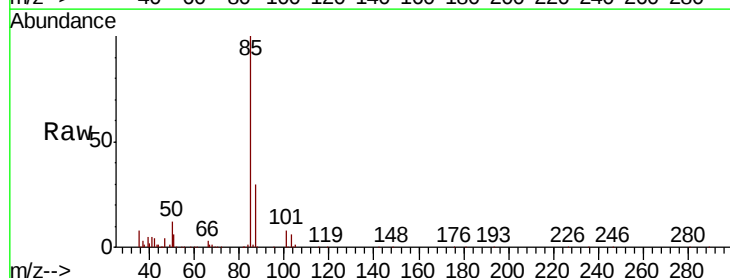
Acq: 11 Aug 2021 3:04

Tgt Ion: 85 Resp: 357221

Ion Ratio Lower Upper

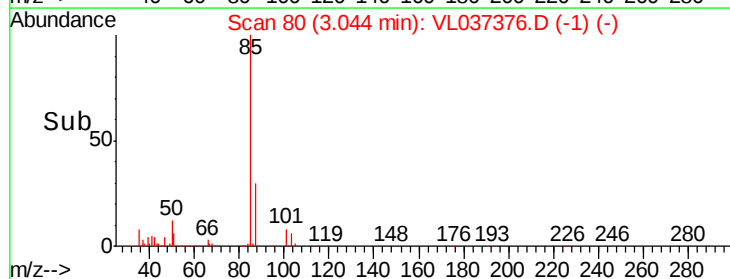
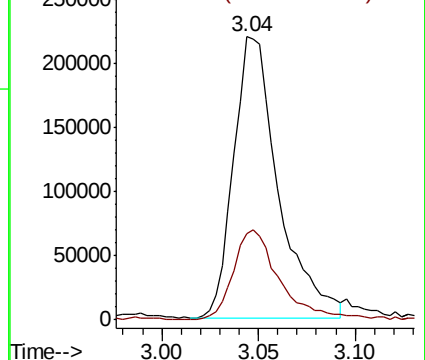
85 100

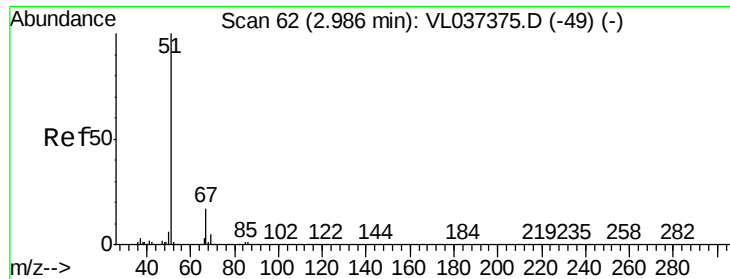
87 30.4 26.6 39.8



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 1.978 ppbv

RT: 2.99 min Scan# 62

Delta R.T. -0.00 min

Lab File: VL037376.D

Acq: 11 Aug 2021 3:04

Tot Ion:	51	Resp:	501496
Ion Ratio	Lower	Upper	
51	100		
67	17.9	14.3	21.5

Instrument :

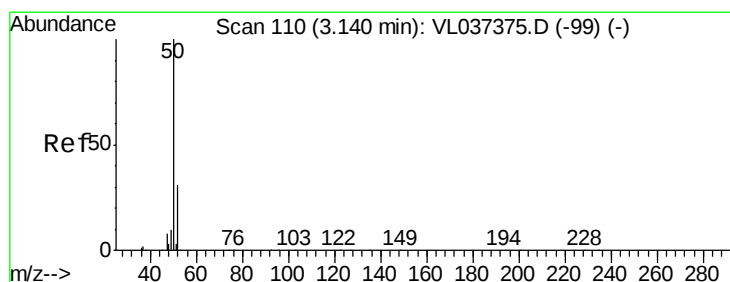
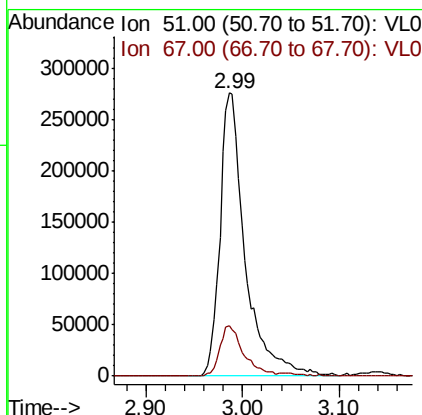
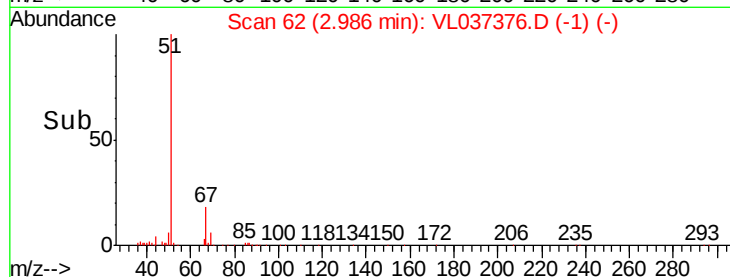
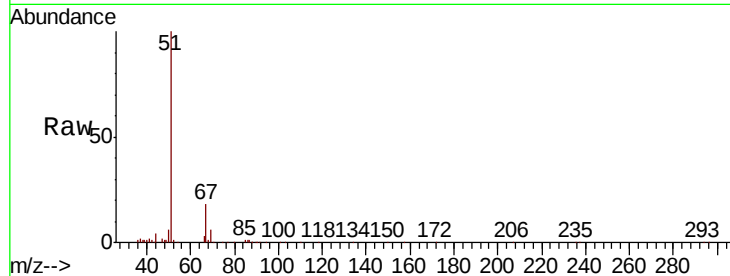
MSVOA_L

ClientSampleId :

VSTDIC002

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#4

Chloromethane

Concen: 2.107 ppbv

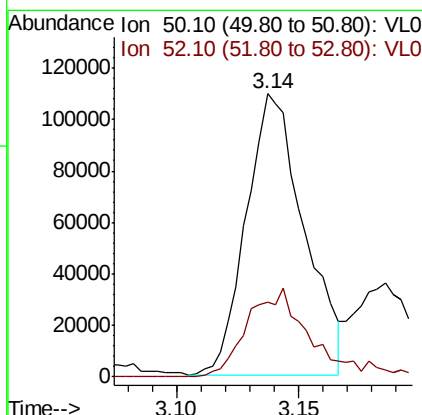
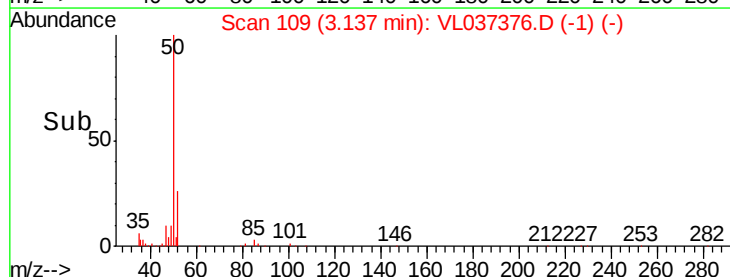
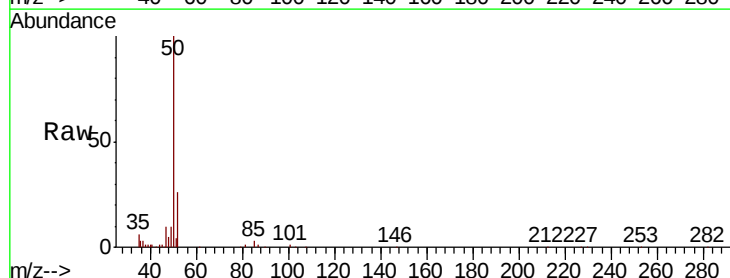
RT: 3.14 min Scan# 109

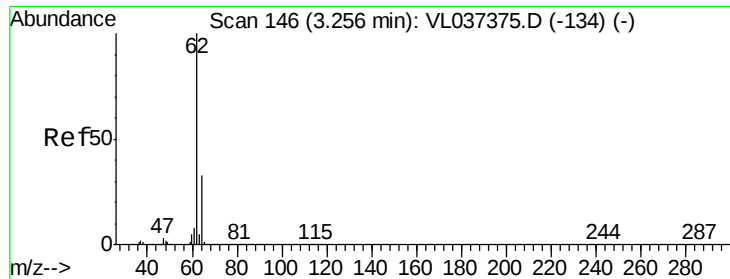
Delta R.T. -0.00 min

Lab File: VL037376.D

Acq: 11 Aug 2021 3:04

Tgt Ion:	50	Resp:	179639
Ion Ratio	Lower	Upper	
50	100		
52	26.4	25.0	37.4





#5

Vinyl Chloride

Concen: 1.932 ppbv

RT: 3.25 min Scan# 145

Delta R.T. -0.00 min

Lab File: VL037376.D

Acq: 11 Aug 2021 3:04

Instrument :

MSVOA_L

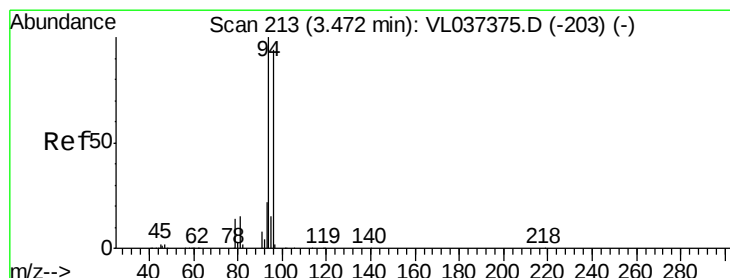
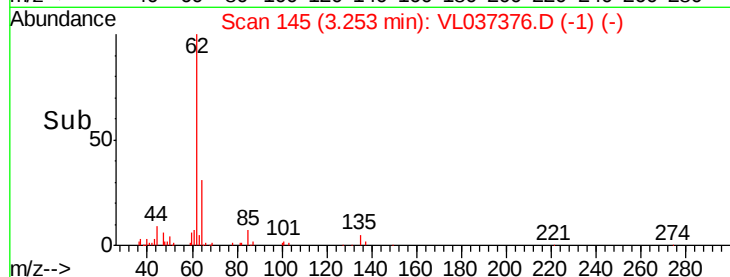
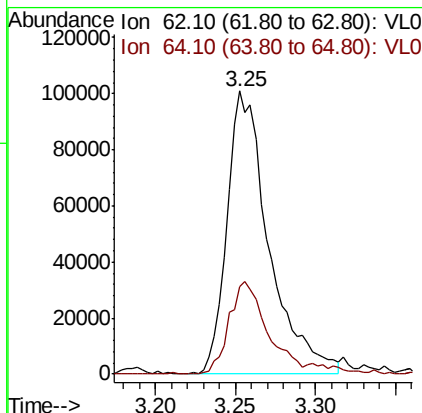
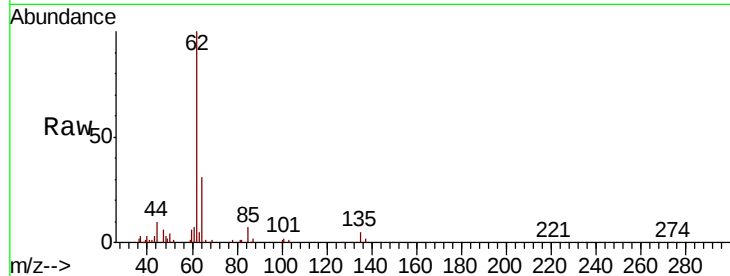
ClientSampleId :

VSTDIC002

Tot Ion	Ratio	Lower	Upper
62	100		
64	30.8	26.2	39.4

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#6

Bromomethane

Concen: 1.868 ppbv m

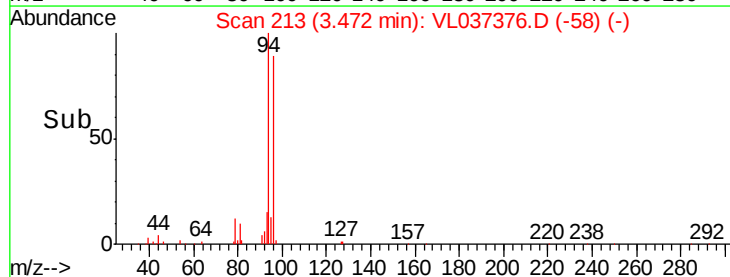
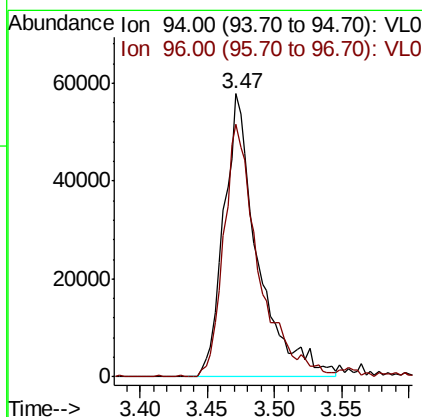
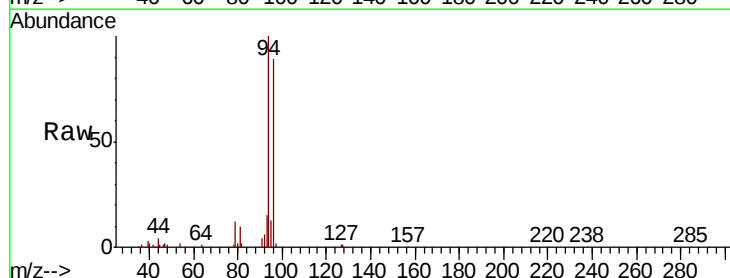
RT: 3.47 min Scan# 213

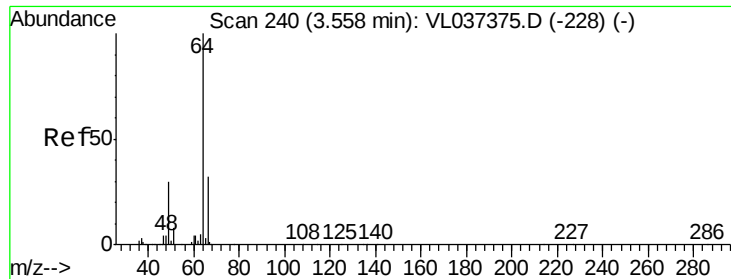
Delta R.T. -0.00 min

Lab File: VL037376.D

Acq: 11 Aug 2021 3:04

Tgt Ion	Ratio	Lower	Upper
94	100		
96	89.3	75.0	112.6





#7

Chloroethane

Concen: 1.879 ppbv m

RT: 3.56 min Scan# 239

Delta R.T. -0.00 min

Lab File: VL037376.D

Acq: 11 Aug 2021 3:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

Tot Ion: 64 Resp: 62921

Ion Ratio Lower Upper

64 100

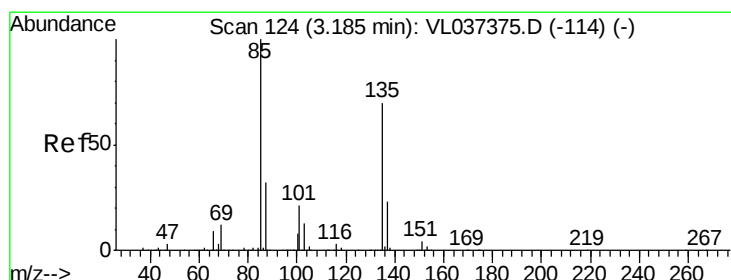
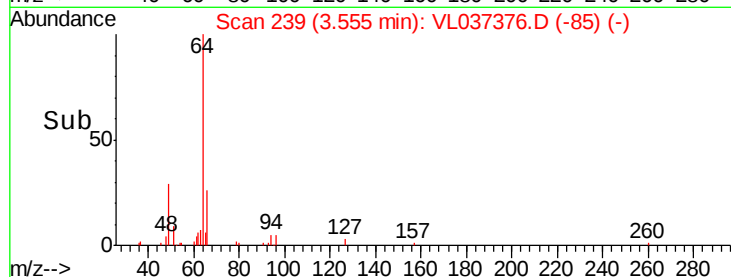
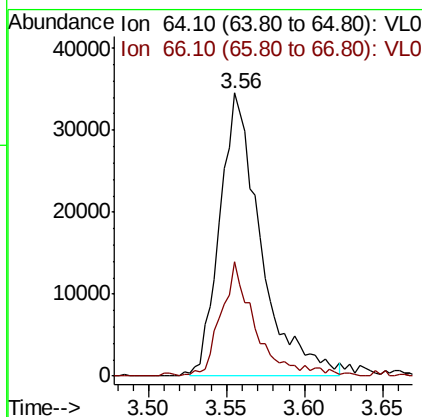
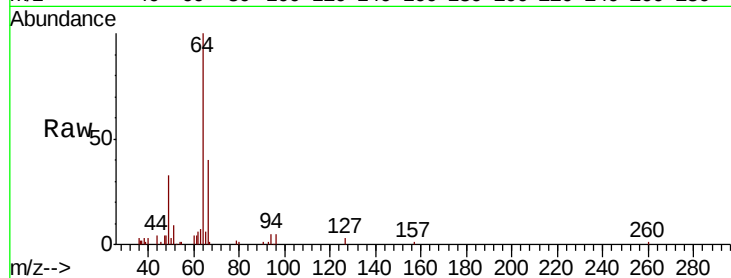
66 40.2 25.4 38.0#

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#8

Dichlorotetrafluoroethane

Concen: 1.811 ppbv

RT: 3.19 min Scan# 124

Delta R.T. -0.00 min

Lab File: VL037376.D

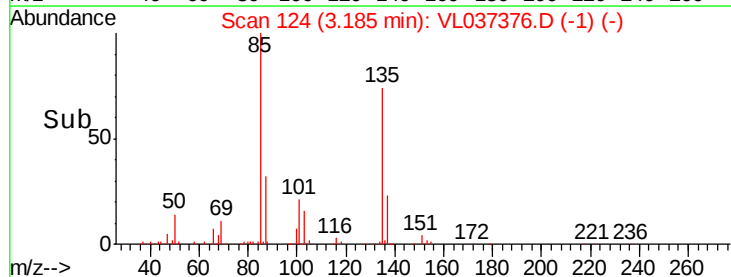
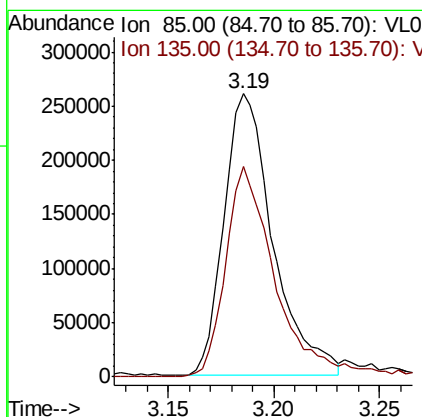
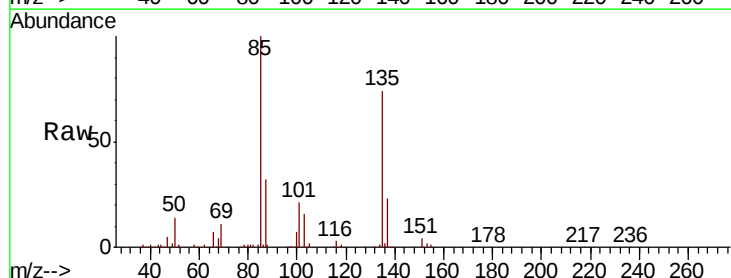
Acq: 11 Aug 2021 3:04

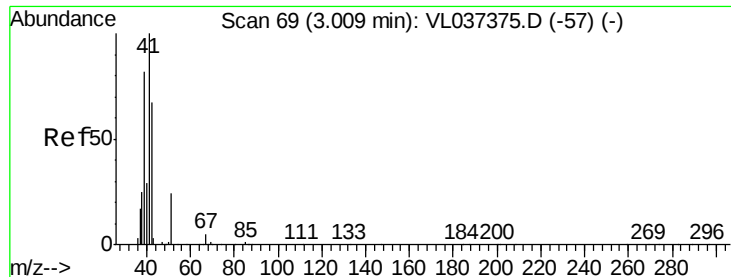
Tgt Ion: 85 Resp: 417213

Ion Ratio Lower Upper

85 100

135 78.0 59.8 89.6





#9

Propene

Concen: 1.992 ppbv

RT: 3.01 min Scan# 68

Delta R.T. -0.00 min

Lab File: VL037376.D

Acq: 11 Aug 2021 3:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

Tot Ion: 41 Resp: 162747

Ion Ratio Lower Upper

41 100

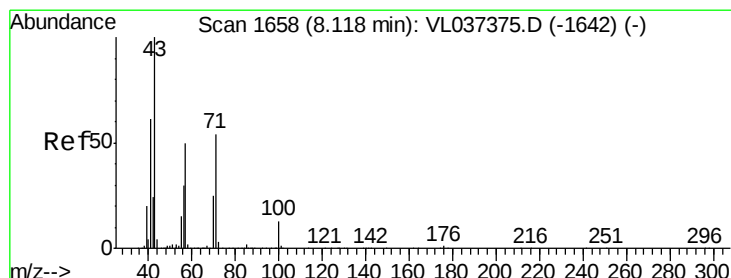
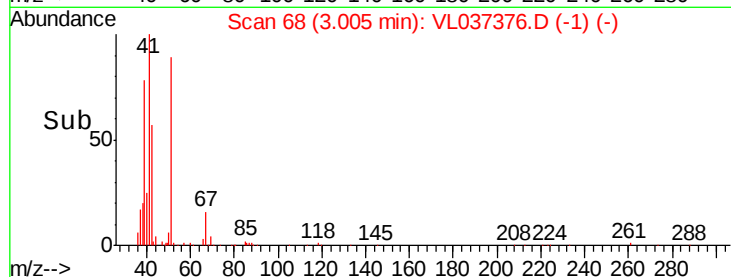
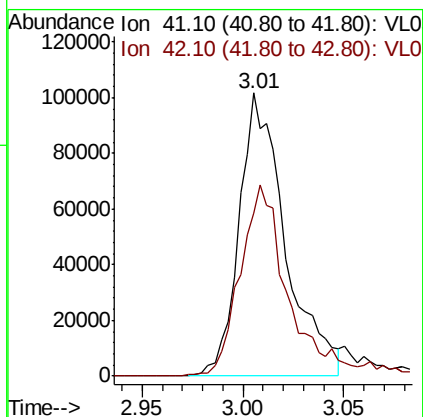
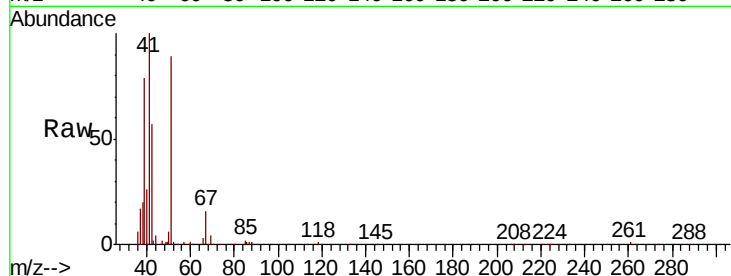
42 73.1 55.5 83.3

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#10

Heptane

Concen: 2.031 ppbv

RT: 8.12 min Scan# 1658

Delta R.T. -0.00 min

Lab File: VL037376.D

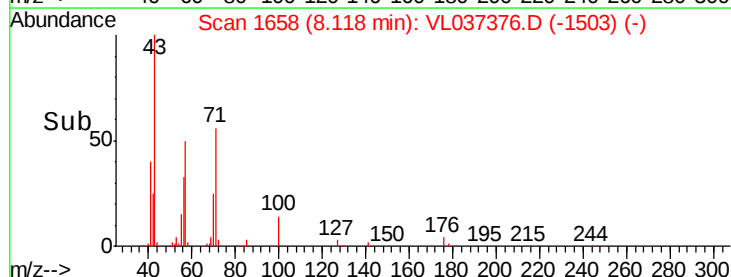
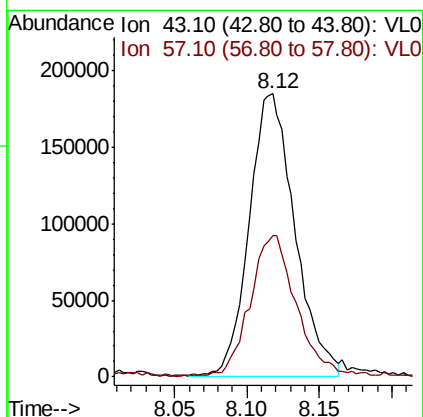
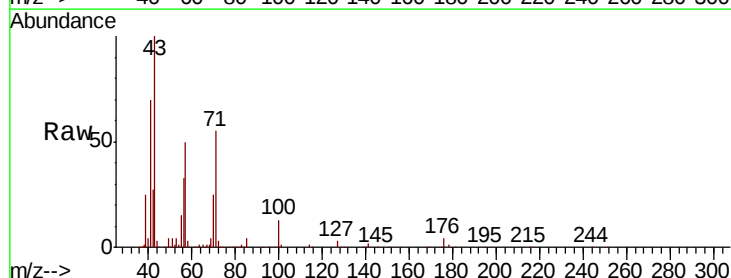
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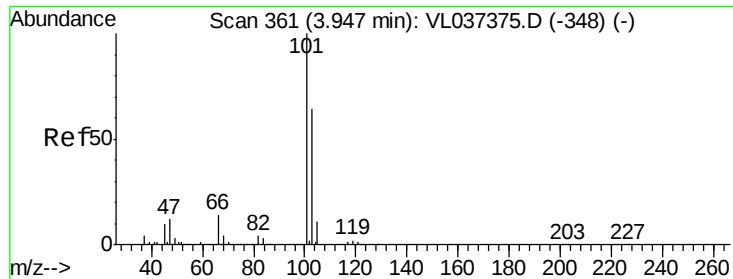
Tgt Ion: 43 Resp: 403554

Ion Ratio Lower Upper

43 100

57 49.9 41.0 61.4





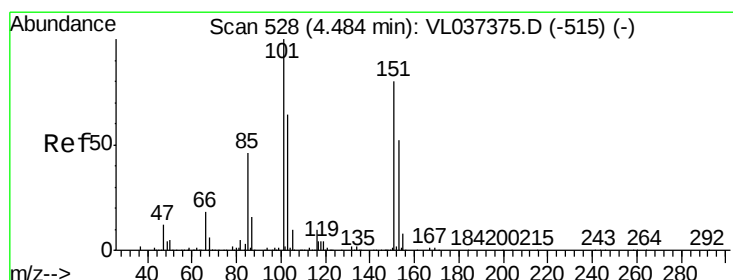
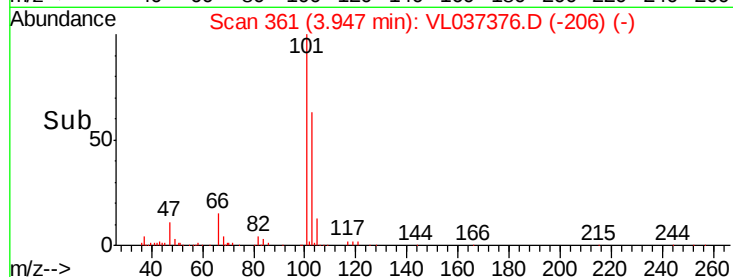
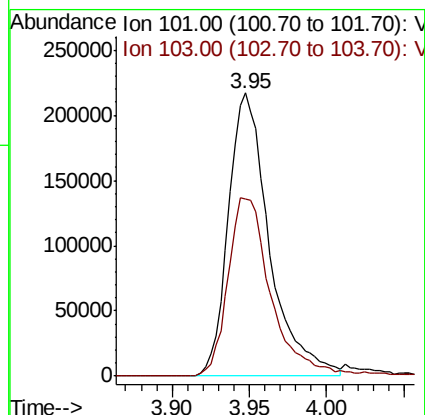
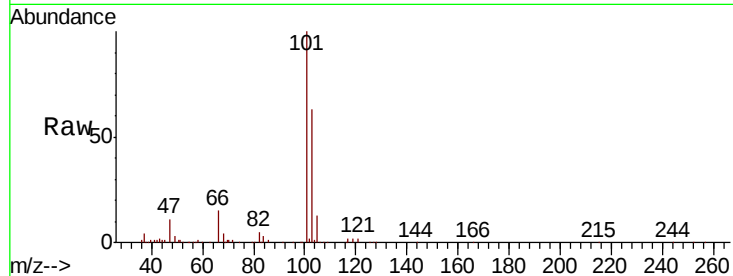
#11
 Trichlorofluoromethane
 Concen: 1.691 ppbv
 RT: 3.95 min Scan# 361
 Delta R.T. -0.00 min
 Lab File: VL037376.D
 Acq: 11 Aug 2021 3:04

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.2	51.2	76.8

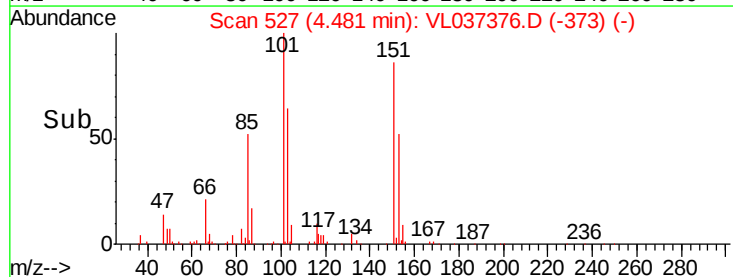
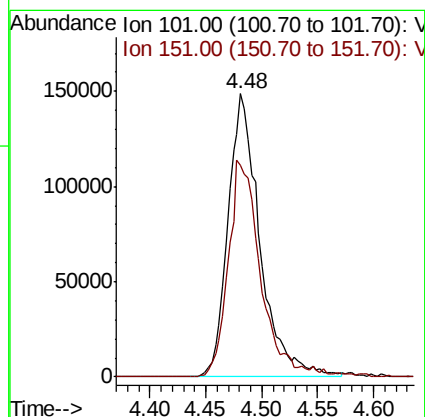
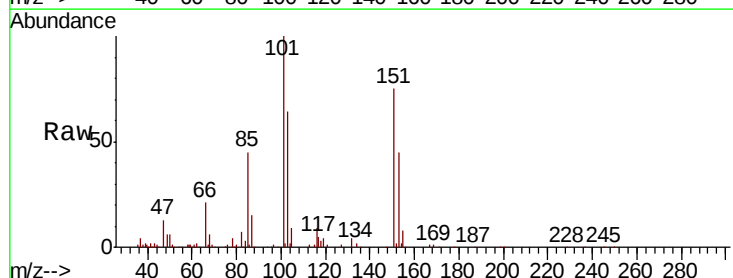
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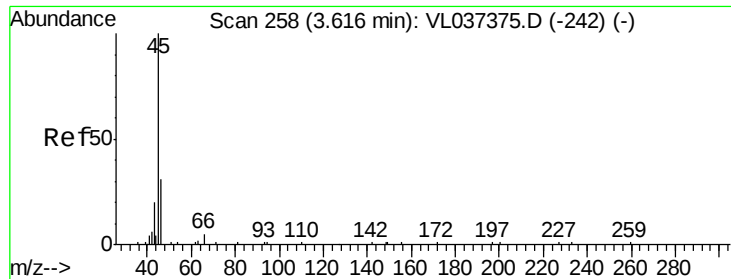
apatel
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#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 1.775 ppbv m
 RT: 4.48 min Scan# 527
 Delta R.T. -0.00 min
 Lab File: VL037376.D
 Acq: 11 Aug 2021 3:04

Tgt Ion	Ratio	Lower	Upper
101	100		
151	78.8	64.9	97.3





#13

Ethanol

Concen: 1.558 ppbv m

RT: 3.61 min Scan# 257

Delta R.T. -0.00 min

Lab File: VL037376.D

Acq: 11 Aug 2021 3:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

Tot Ion: 45 Resp: 19420

Ion Ratio Lower Upper

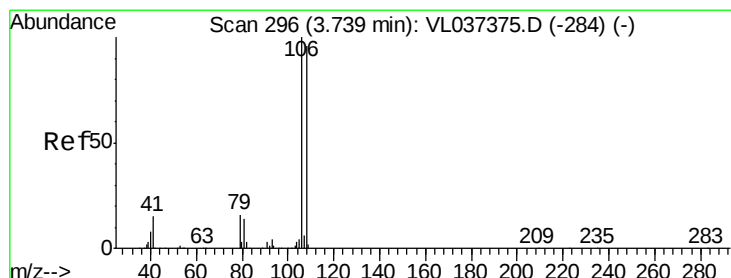
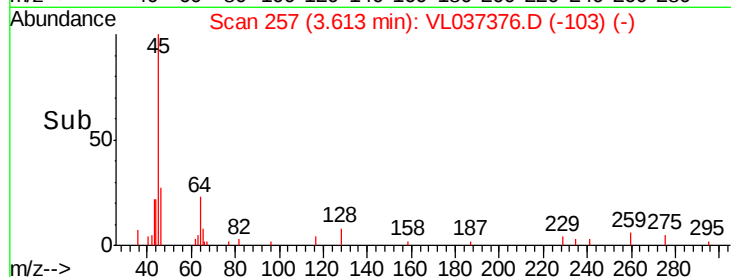
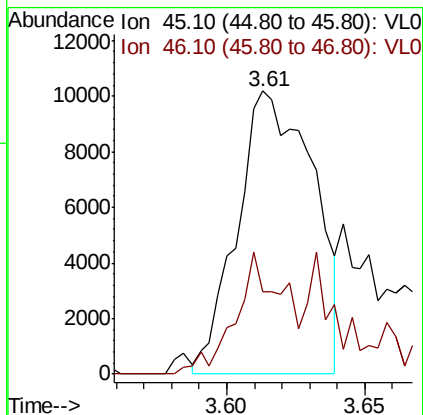
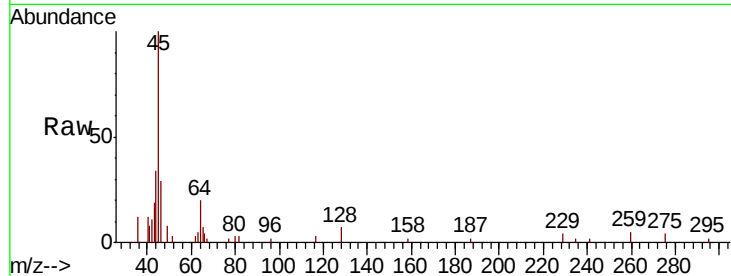
45 100

46 0.0 14.8 59.2#

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#14

Bromoethene

Concen: 1.854 ppbv

RT: 3.74 min Scan# 296

Delta R.T. -0.00 min

Lab File: VL037376.D

Acq: 11 Aug 2021 3:04

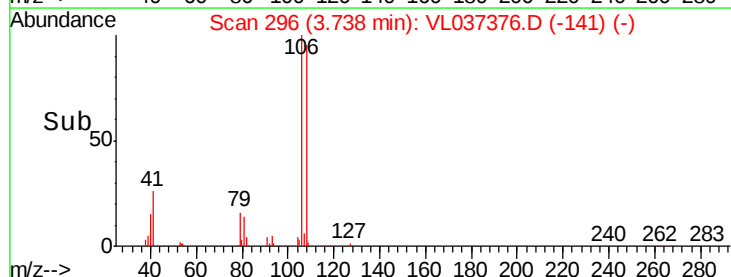
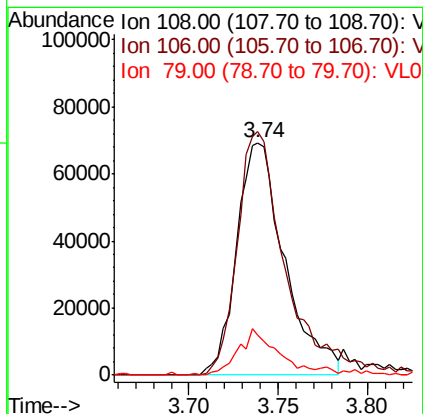
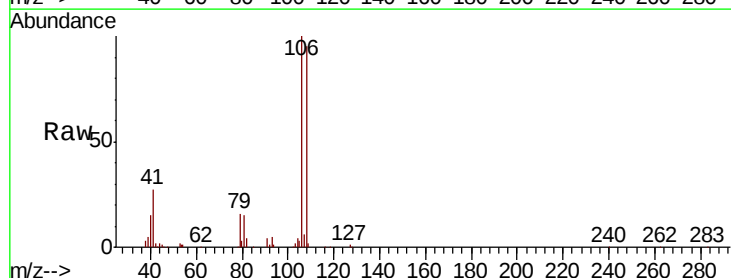
Tgt Ion: 108 Resp: 130466

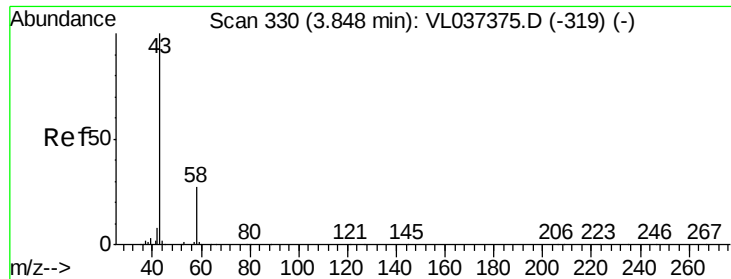
Ion Ratio Lower Upper

108 100

106 107.4 86.2 129.4

79 18.4 13.2 19.8





#15

Acetone

Concen: 1.893 ppbv

RT: 3.85 min Scan# 332

Delta R.T. 0.01 min

Lab File: VL037376.D

Acq: 11 Aug 2021 3:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

Tot Ion: 43 Resp: 277316

Ion Ratio Lower Upper

43 100

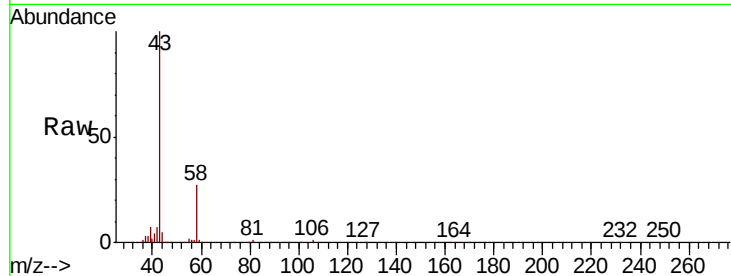
58 47.3 26.0 39.0#

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Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

150000

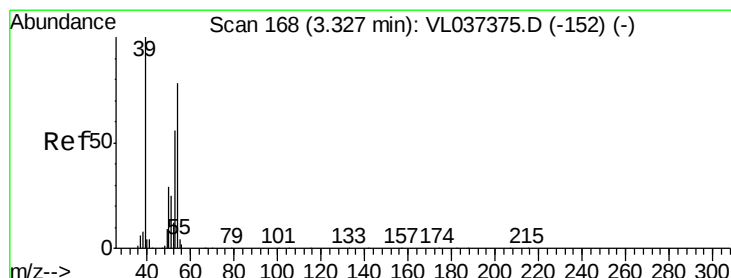
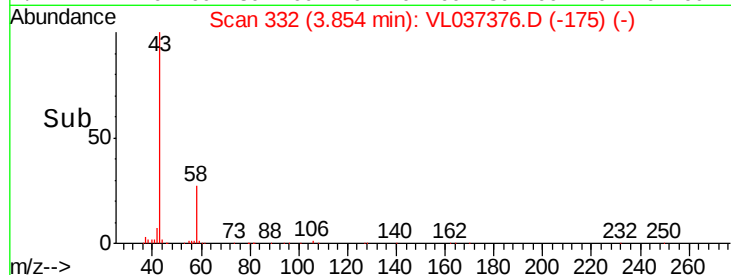
100000

50000

0

3.80 3.85 3.90

Time-->



#16

1,3-Butadiene

Concen: 2.077 ppbv m

RT: 3.33 min Scan# 168

Delta R.T. -0.00 min

Lab File: VL037376.D

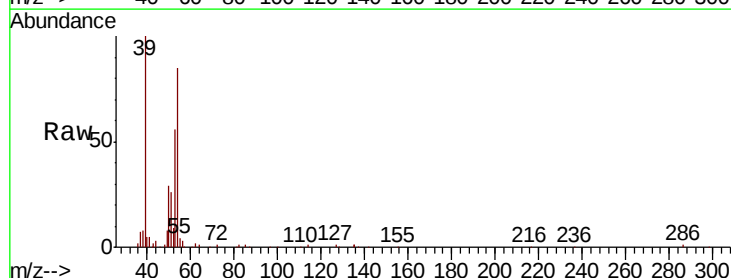
Acq: 11 Aug 2021 3:04

Tgt Ion: 39 Resp: 180814

Ion Ratio Lower Upper

39 100

54 73.6 61.0 91.4



Abundance Ion 39.10 (38.80 to 39.80): VL0

Ion 54.10 (53.80 to 54.80): VL0

100000

80000

60000

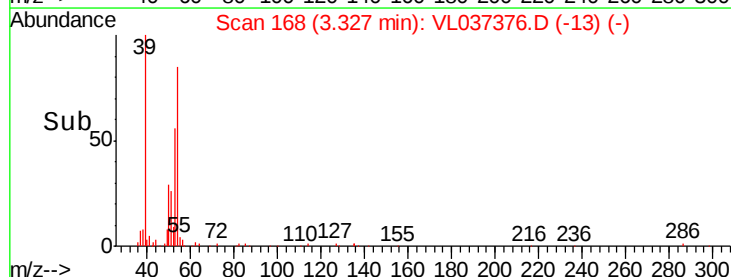
40000

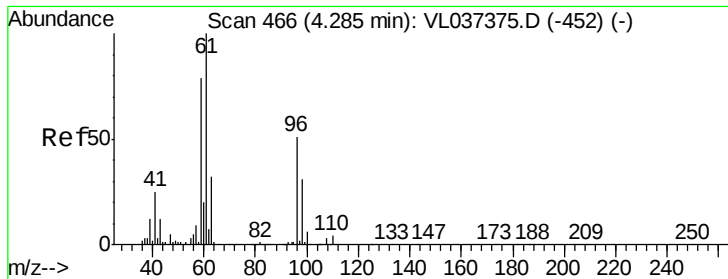
20000

0

3.30 3.40

Time-->





#17

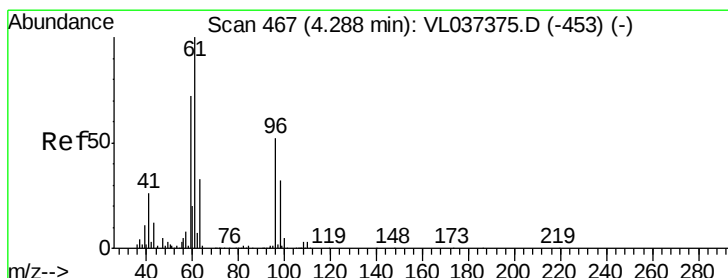
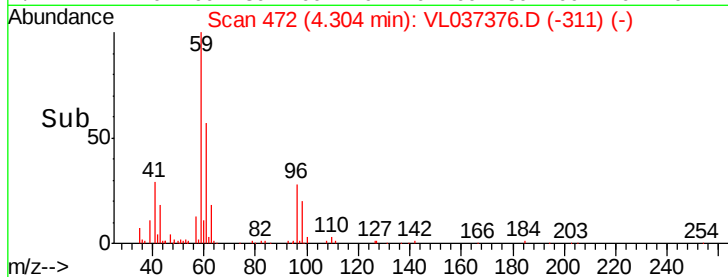
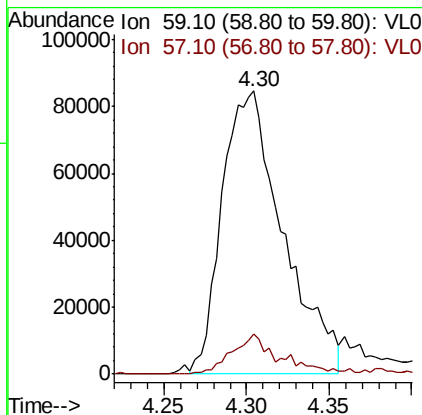
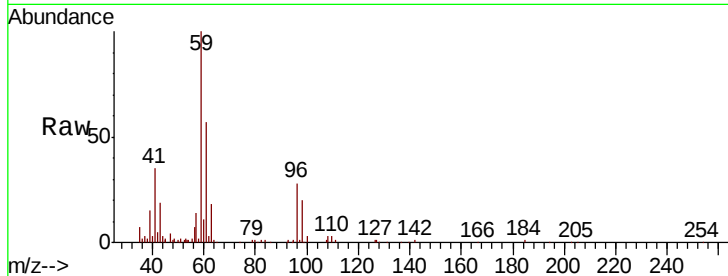
tert-Butyl alcohol
 Concen: 1.657 ppbv m
 RT: 4.30 min Scan# 472
 Delta R.T. 0.02 min
 Lab File: VL037376.D
 Acq: 11 Aug 2021 3:04

Instrument :
 MSVOA_L
 ClientSampleID :
 VSTDIC002

Tot Ion: 59 Resp: 217647
 Ion Ratio Lower Upper
 59 100
 57 12.7 8.2 12.2#

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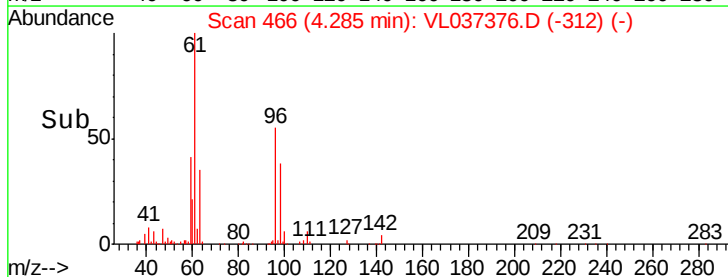
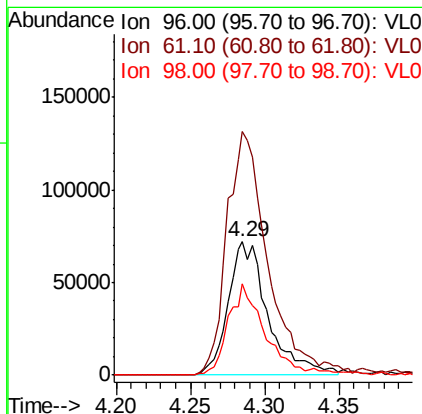
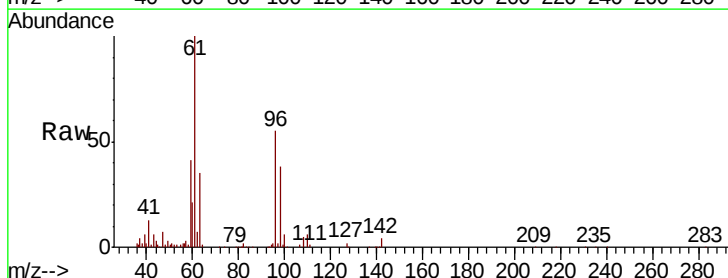
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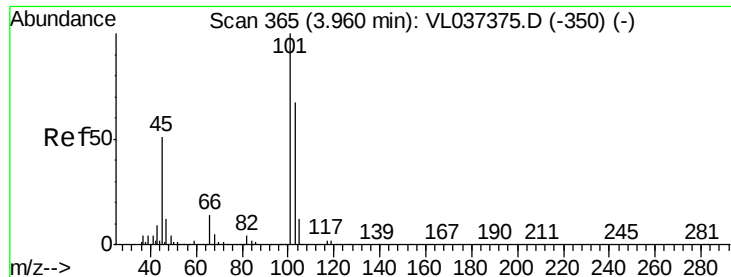


#18

1,1-Dichloroethene
 Concen: 1.819 ppbv m
 RT: 4.29 min Scan# 466
 Delta R.T. -0.00 min
 Lab File: VL037376.D
 Acq: 11 Aug 2021 3:04

Tgt Ion: 96 Resp: 133986
 Ion Ratio Lower Upper
 96 100
 61 183.2 153.2 229.8
 98 68.9 49.5 74.3





#19

Isopropyl Alcohol

Concen: 1.643 ppbv m

RT: 3.98 min Scan# 371

Delta R.T. 0.02 min

Lab File: VL037376.D

Acq: 11 Aug 2021 3:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

Tot Ion: 45 Resp: 142191

Ion Ratio Lower Upper

45 100

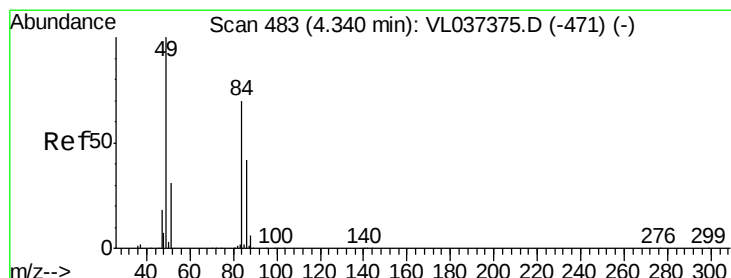
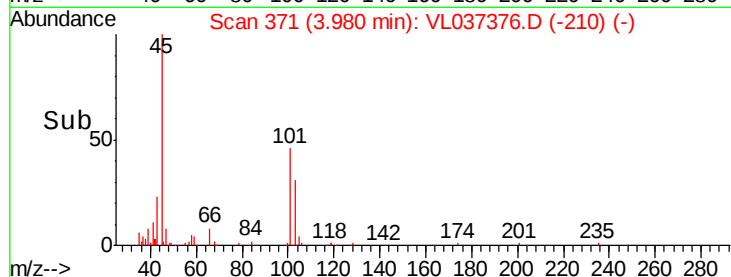
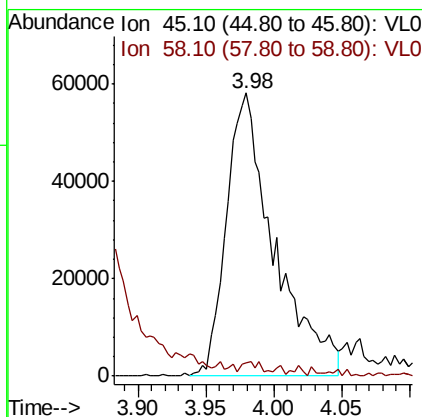
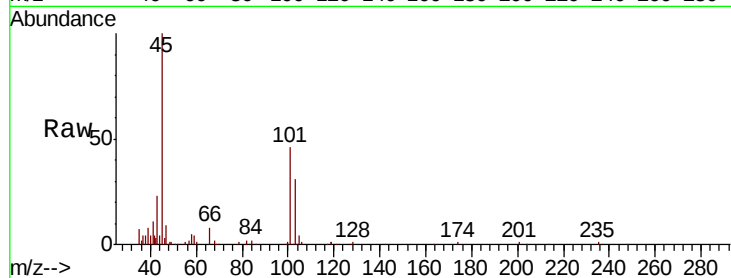
58 4.3 38.7 58.1#

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#20

Methylene Chloride

Concen: 1.546 ppbv

RT: 4.34 min Scan# 483

Delta R.T. -0.00 min

Lab File: VL037376.D

Acq: 11 Aug 2021 3:04

Tgt Ion: 84 Resp: 134903

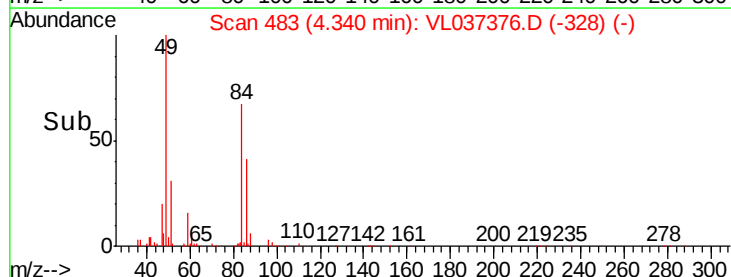
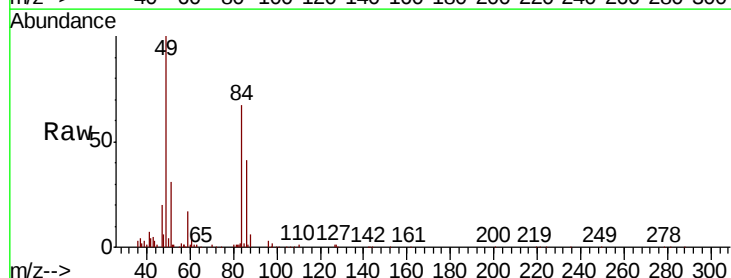
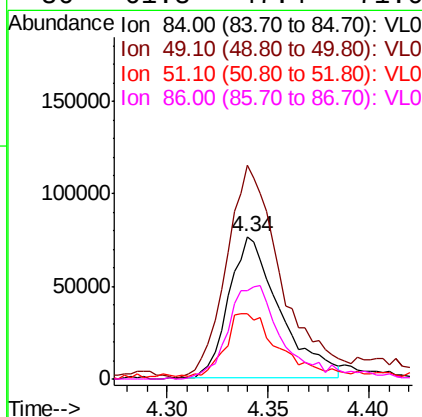
Ion Ratio Lower Upper

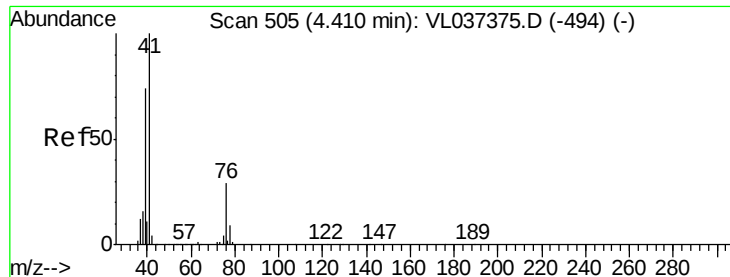
84 100

49 147.1 113.8 170.6

51 44.0 34.7 52.1

86 61.8 47.4 71.0





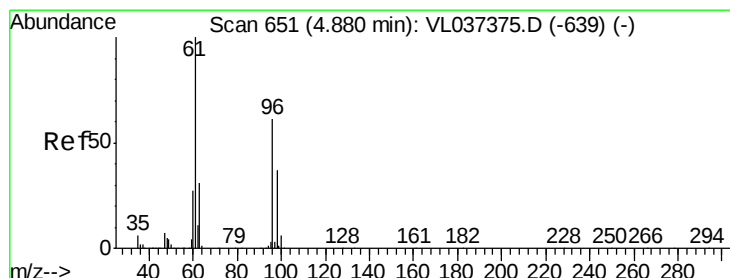
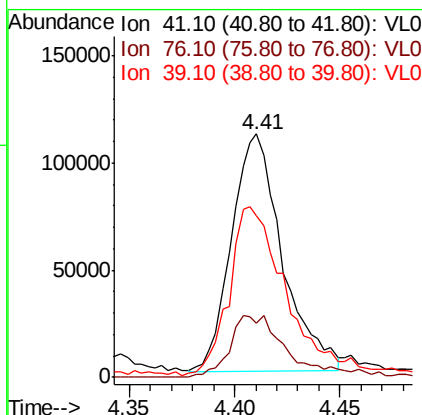
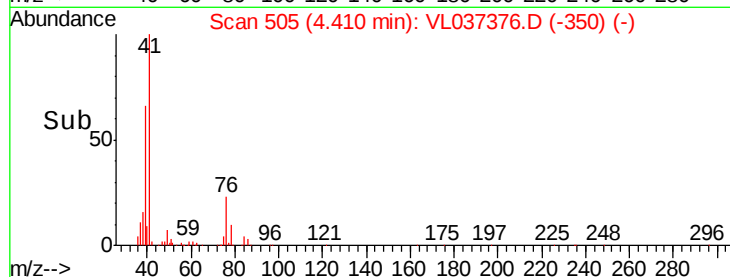
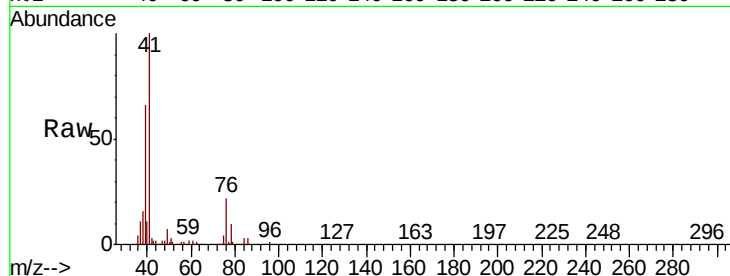
#21
Allvl Chloride
Concen: 1.696 ppbv
RT: 4.41 min Scan# 505
Delta R.T. -0.00 min
Lab File: VL037376.D
Acq: 11 Aug 2021 3:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tot Ion	Ratio	Lower	Upper
41	100		
76	30.3	23.0	34.4
39	84.0	61.4	92.0

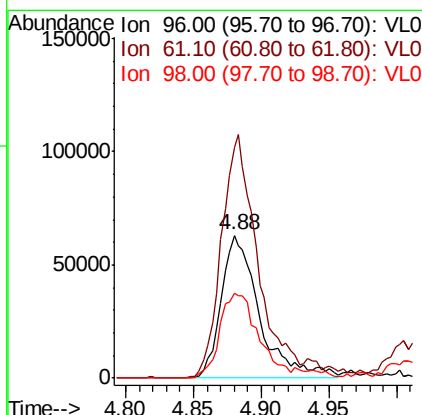
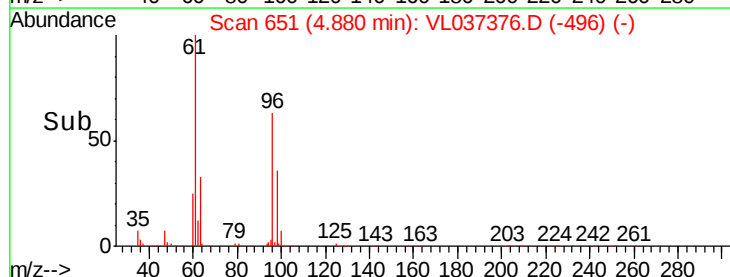
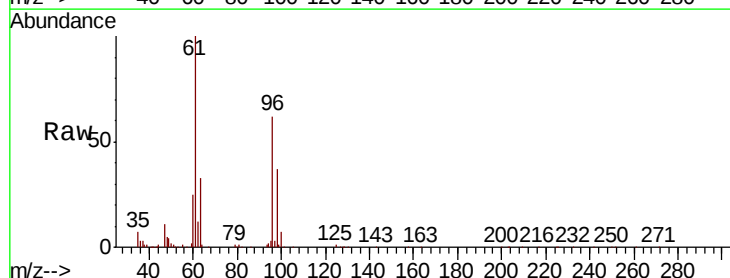
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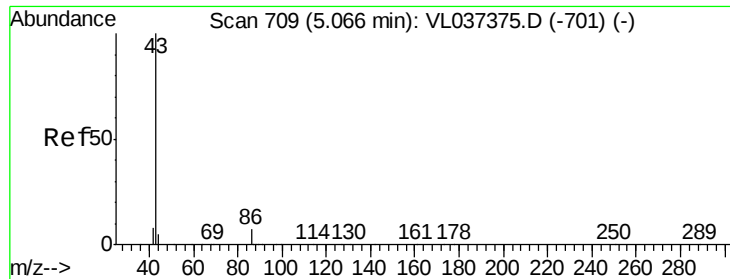
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#22
trans-1,2-Dichloroethene
Concen: 1.702 ppbv m
RT: 4.88 min Scan# 651
Delta R.T. -0.00 min
Lab File: VL037376.D
Acq: 11 Aug 2021 3:04

Tgt Ion	Ratio	Lower	Upper
96	100		
61	161.4	132.2	198.4
98	59.3	48.7	73.1





#23

Vinyl Acetate

Concen: 2.049 ppbv m

RT: 5.07 min Scan# 710

Delta R.T. 0.00 min

Lab File: VL037376.D

Acq: 11 Aug 2021 3:04

Instrument :

MSVOA_L

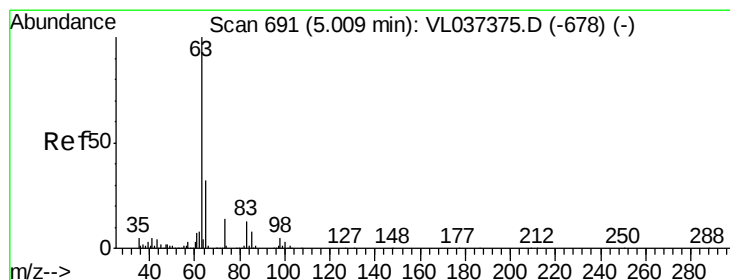
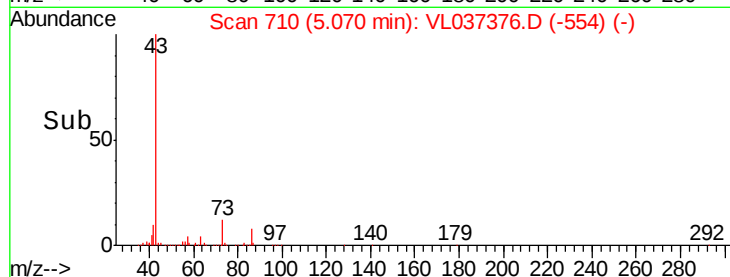
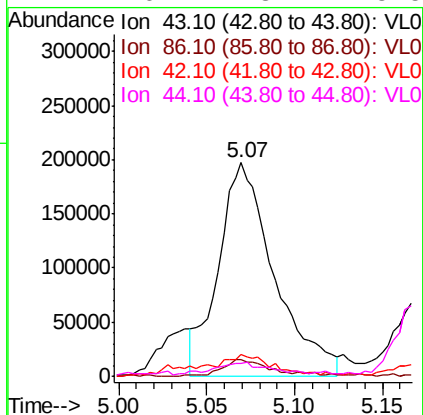
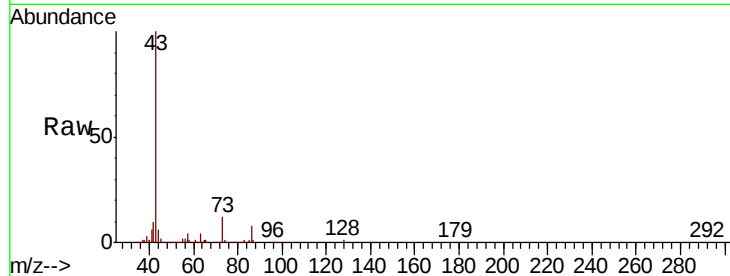
ClientSampleId :

VSTDIC002

Tot Ion	43	Resp	434793
Ion Ratio	Lower	Upper	
43	100		
86	7.9	4.8	7.2#
42	10.3	7.3	10.9
44	6.1	3.7	5.5#

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#24

1,1-Dichloroethane

Concen: 1.981 ppbv m

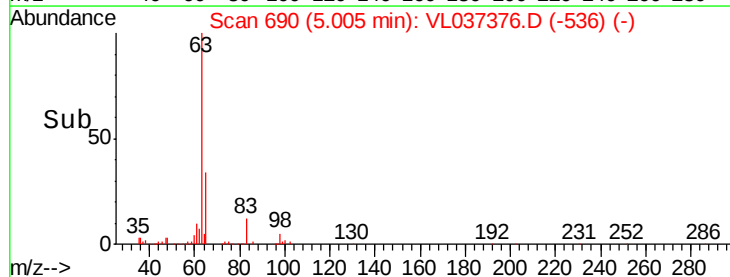
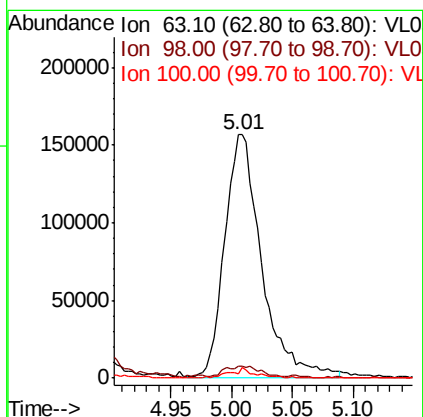
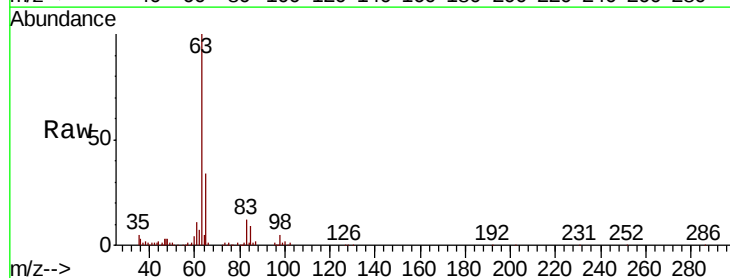
RT: 5.01 min Scan# 690

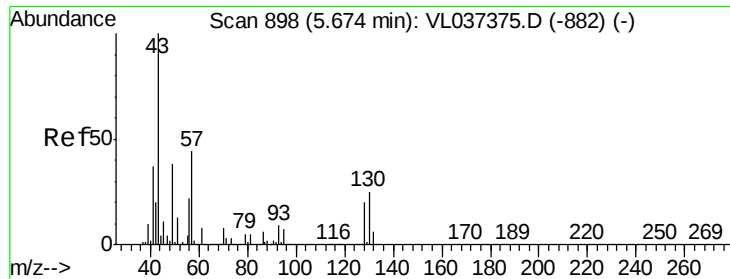
Delta R.T. -0.00 min

Lab File: VL037376.D

Acq: 11 Aug 2021 3:04

Tgt Ion	63	Resp	333670
Ion Ratio	Lower	Upper	
63	100		
98	4.8	2.5	7.5
100	1.8	1.4	4.2





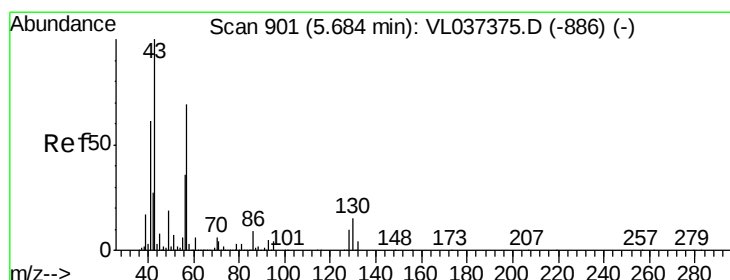
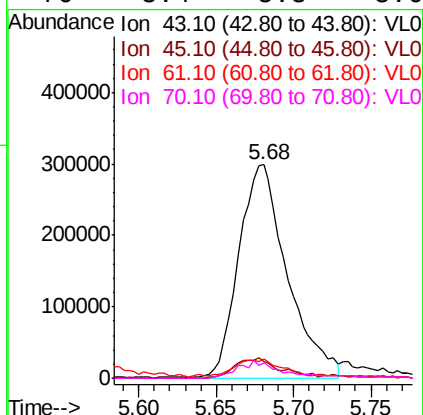
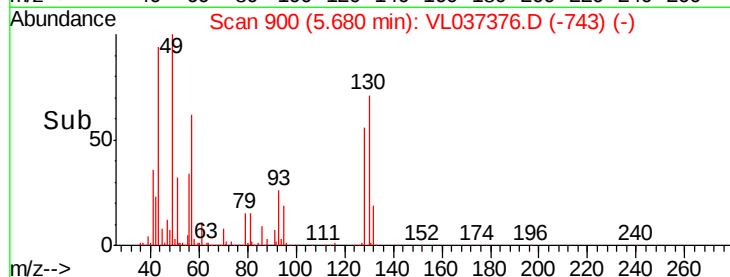
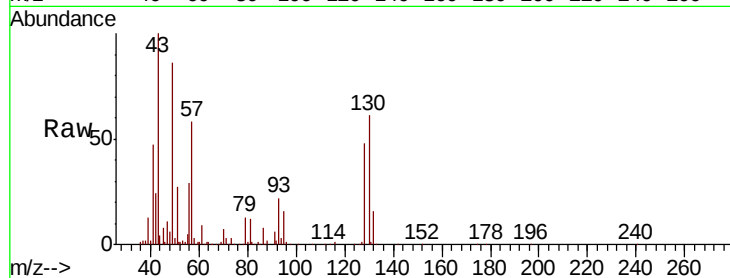
#25
Ethyl Acetate
Concen: 2.016 ppbv
RT: 5.68 min Scan# 900
Delta R.T. 0.01 min
Lab File: VL037376.D
Acq: 11 Aug 2021 3:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tot Ion	Ratio	Lower	Upper
43	100		
45	9.9	8.0	12.0
61	10.2	7.7	11.5
70	8.4	5.8	8.6

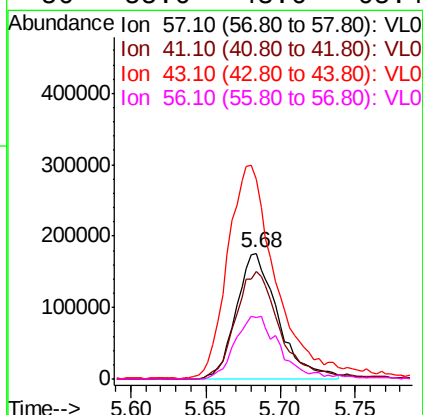
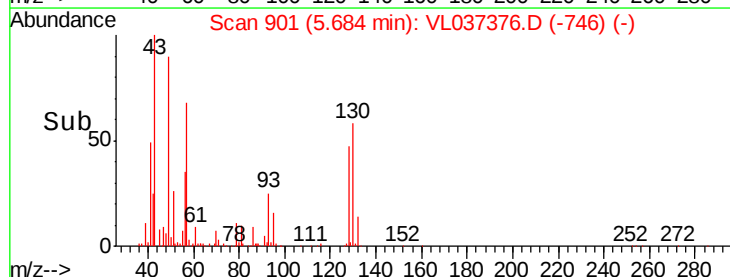
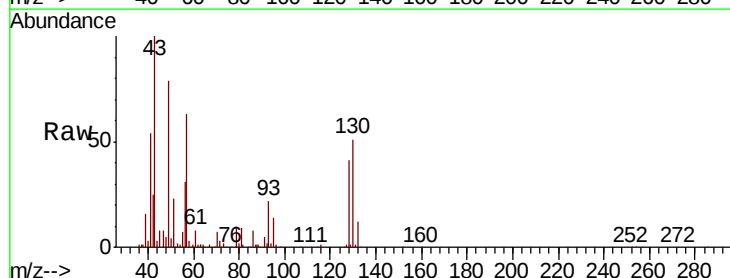
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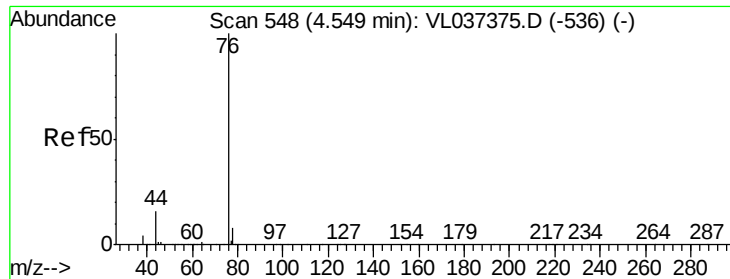
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#26
Hexane
Concen: 2.102 ppbv
RT: 5.68 min Scan# 901
Delta R.T. -0.00 min
Lab File: VL037376.D
Acq: 11 Aug 2021 3:04

Tgt Ion	Ratio	Lower	Upper
57	100		
41	92.9	73.4	110.0
43	202.7	174.4	261.6
56	55.6	43.6	65.4





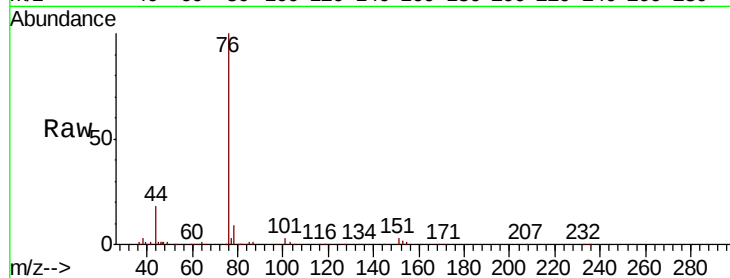
#27
Carbon Disulfide
Concen: 1.791 ppbv
RT: 4.55 min Scan# 548
Delta R.T. -0.00 min
Lab File: VL037376.D
Acq: 11 Aug 2021 3:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

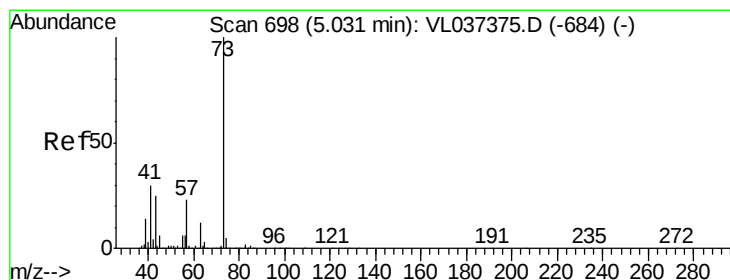
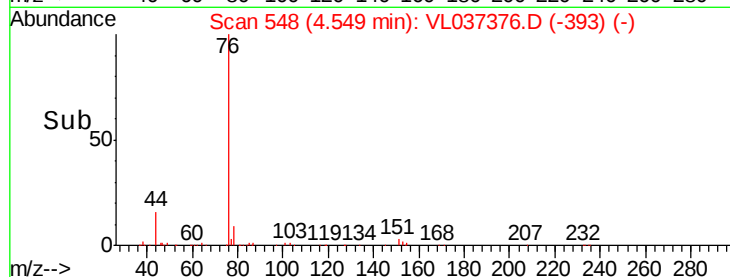
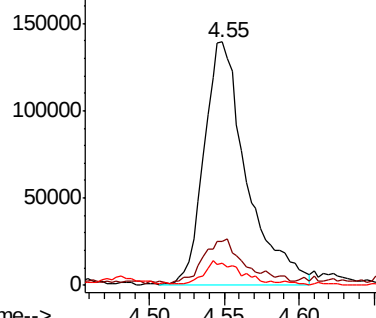
Tot Ion	Ratio	Lower	Upper
76	100		
44	17.4	13.7	20.5
78	10.3	7.7	11.5

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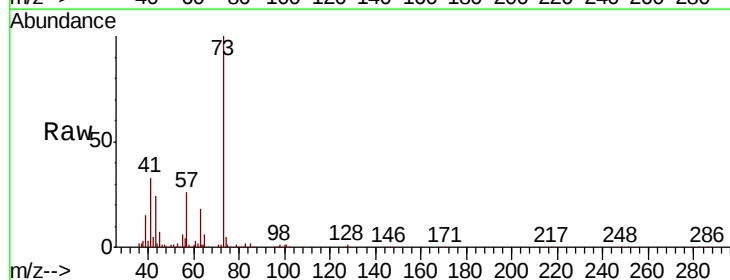


Abundance Ion 76.00 (75.70 to 76.70): VL0
Ion 44.10 (43.80 to 44.80): VL0
Ion 78.00 (77.70 to 78.70): VL0

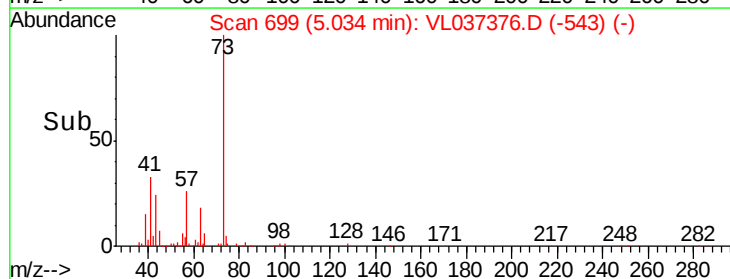
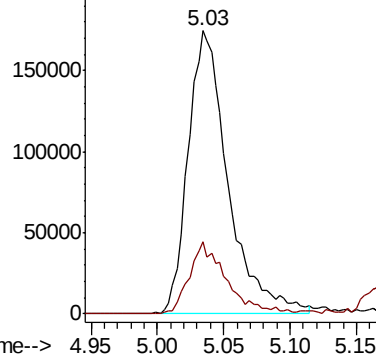


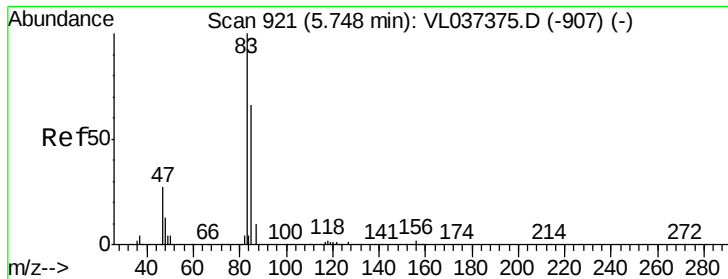
#28
Methyl tert-Butyl Ether
Concen: 1.922 ppbv m
RT: 5.03 min Scan# 699
Delta R.T. 0.00 min
Lab File: VL037376.D
Acq: 11 Aug 2021 3:04

Tgt Ion	Ratio	Lower	Upper
73	100		
57	23.6	18.8	28.2



Abundance Ion 73.10 (72.80 to 73.80): VL0
Ion 57.10 (56.80 to 57.80): VL0





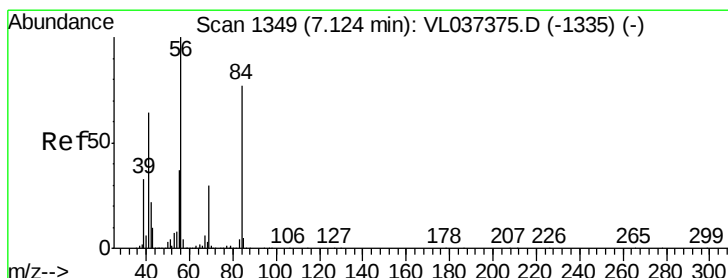
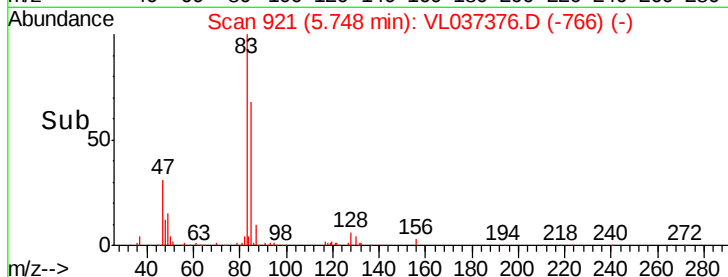
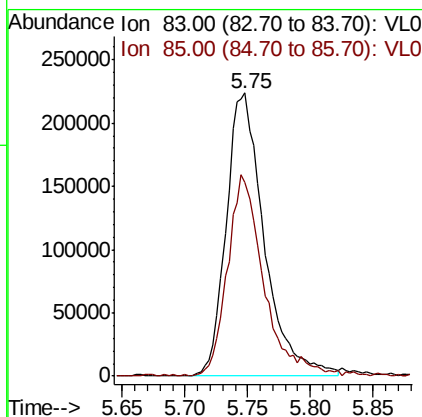
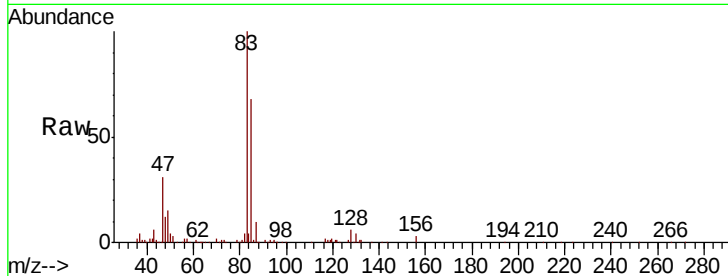
#29
Chloroform
Concen: 1.901 ppbv
RT: 5.75 min Scan# 921
Delta R.T. -0.00 min
Lab File: VL037376.D
Acq: 11 Aug 2021 3:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tot Ion	83	Resp	469811
Ion Ratio	100	Lower	Upper
83	100		
85	68.2	52.8	79.2

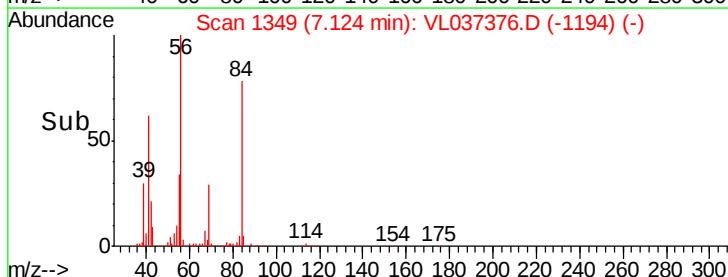
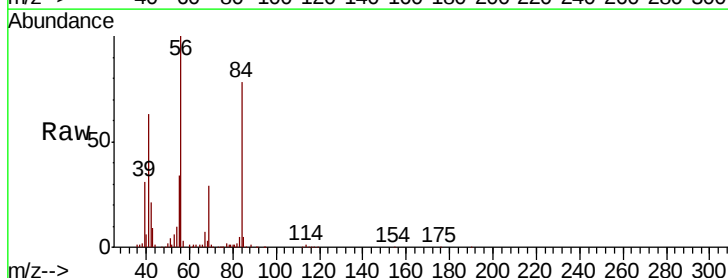
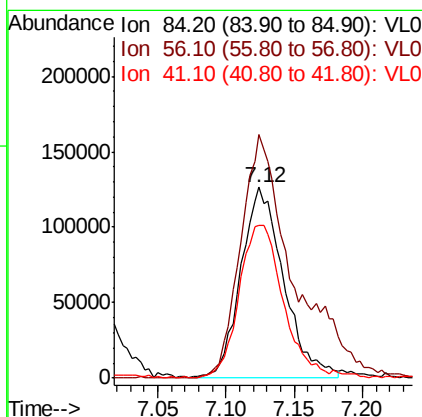
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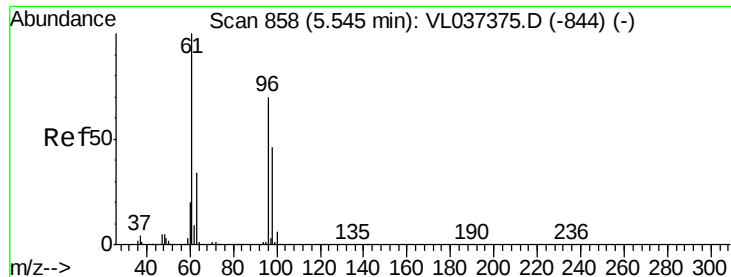
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#30
Cyclohexane
Concen: 2.022 ppbv
RT: 7.12 min Scan# 1349
Delta R.T. -0.00 min
Lab File: VL037376.D
Acq: 11 Aug 2021 3:04

Tgt Ion	84	Resp	273123
Ion Ratio	100	Lower	Upper
84	100		
56	161.6	109.2	163.8
41	86.3	66.6	100.0





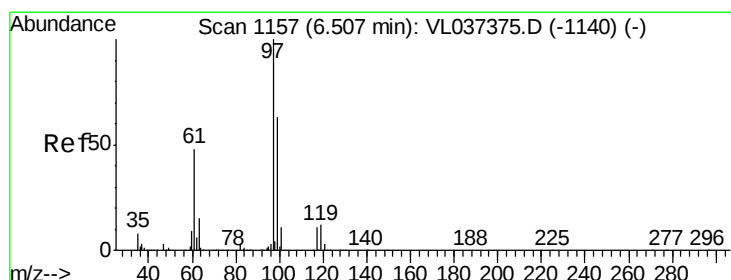
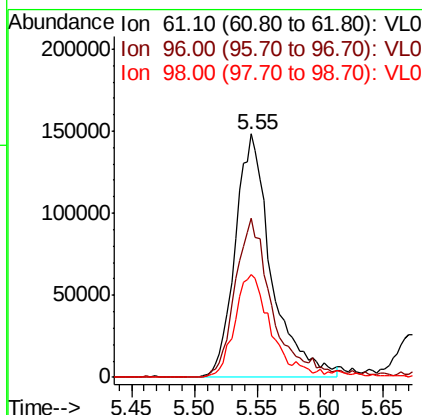
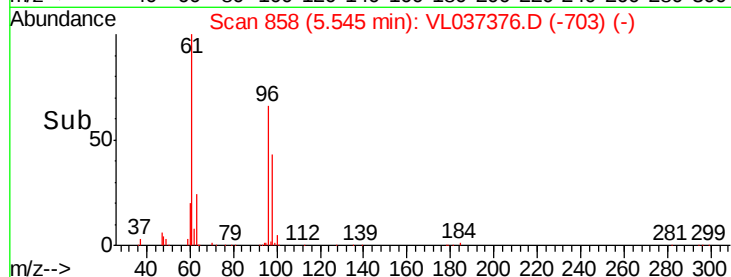
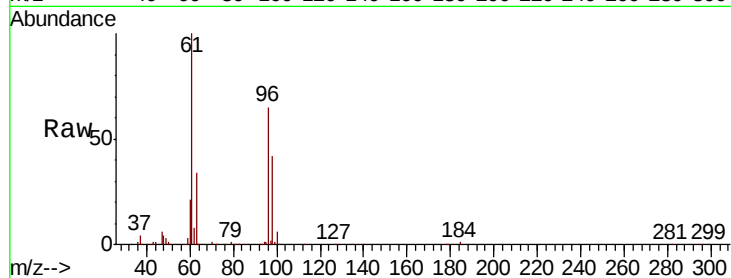
#31
 cis-1,2-Dichloroethene
 Concen: 2.003 ppbv m
 RT: 5.55 min Scan# 858
 Delta R.T. -0.00 min
 Lab File: VL037376.D
 Acq: 11 Aug 2021 3:04

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

Tot Ion:	61	Resp:	297769
Ion Ratio	Lower	Upper	
61	100		
96	65.3	56.0	84.0
98	42.5	36.8	55.2

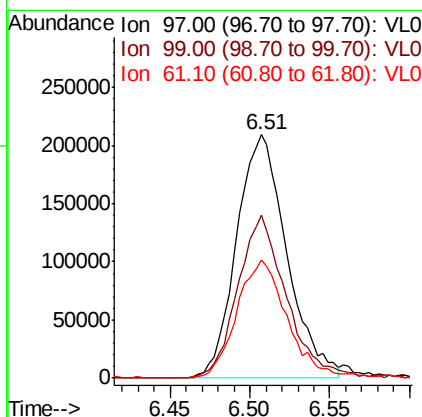
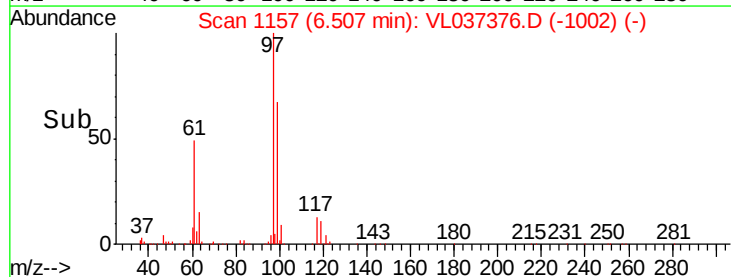
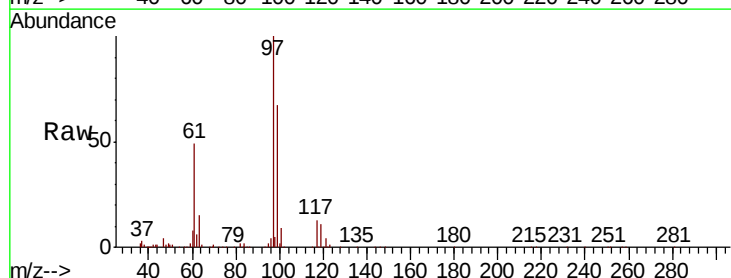
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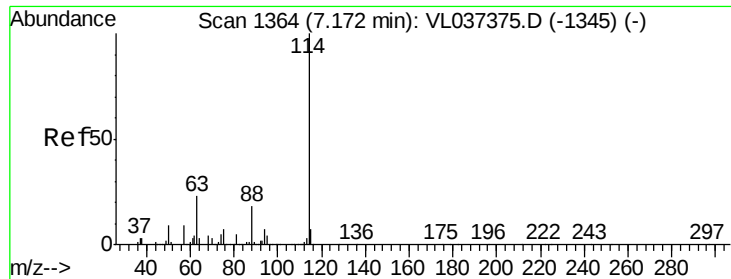
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#32
 1,1,1-Trichloroethane
 Concen: 1.702 ppbv
 RT: 6.51 min Scan# 1157
 Delta R.T. -0.00 min
 Lab File: VL037376.D
 Acq: 11 Aug 2021 3:04

Tgt Ion:	97	Resp:	448163
Ion Ratio	Lower	Upper	
97	100		
99	65.4	52.7	79.1
61	48.8	39.9	59.9





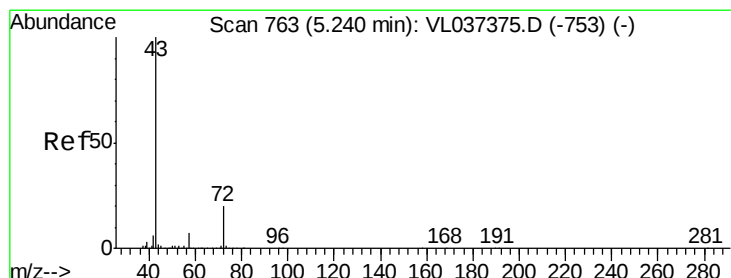
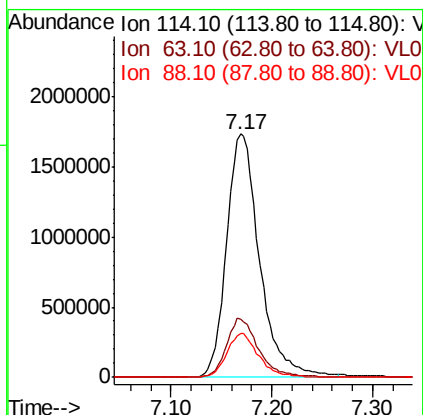
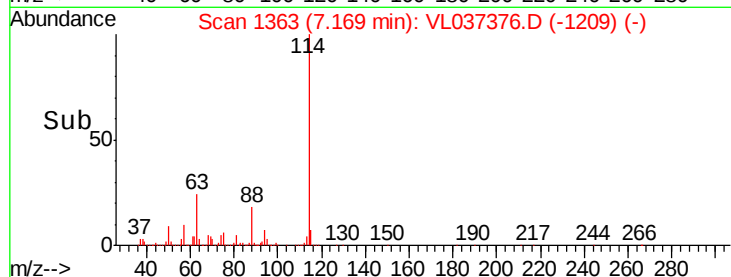
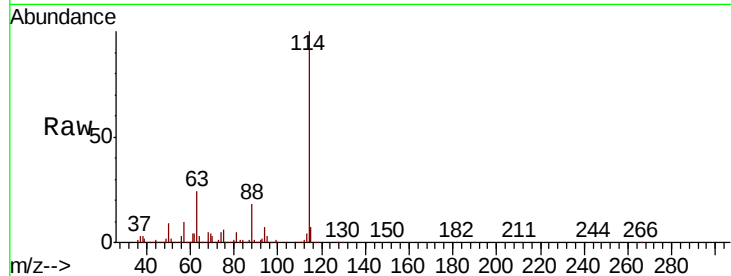
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VL037376.D
 Acq: 11 Aug 2021 3:04

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

Tot Ion	Ratio	Lower	Upper
114	100		
63	23.8	19.5	29.3
88	17.8	14.3	21.5

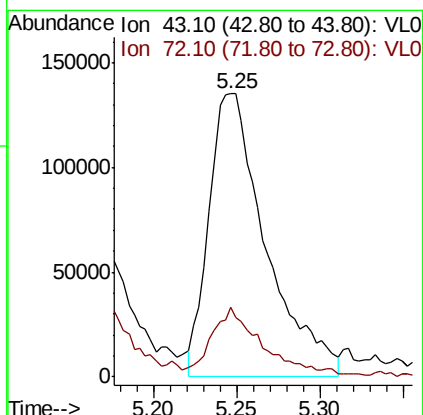
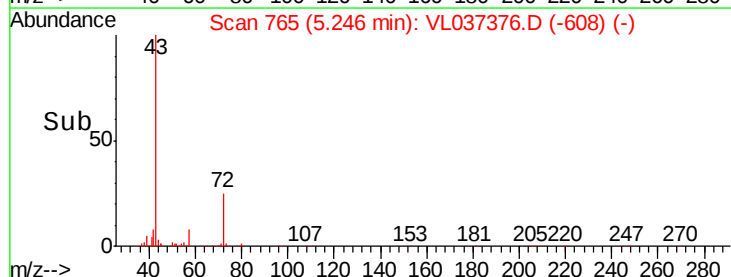
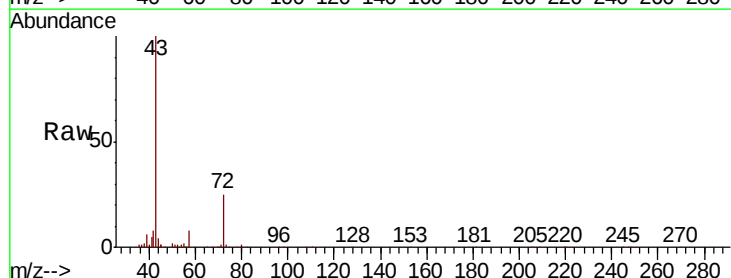
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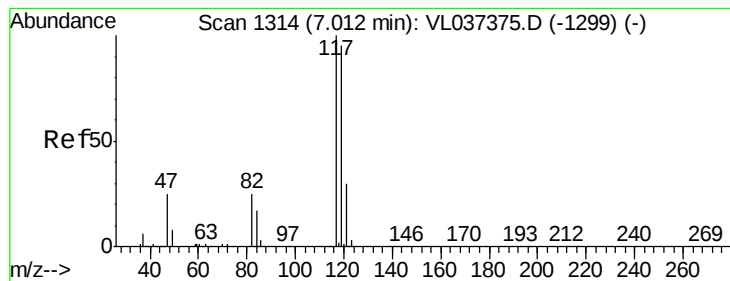
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#34
 2-Butanone
 Concen: 2.117 ppbv m
 RT: 5.25 min Scan# 765
 Delta R.T. 0.01 min
 Lab File: VL037376.D
 Acq: 11 Aug 2021 3:04

Tgt Ion	Ratio	Lower	Upper
43	100		
72	22.5	19.7	29.5





#35

Carbon Tetrachloride

Concen: 1.755 ppbv

RT: 7.01 min Scan# 1314

Delta R.T. -0.00 min

Lab File: VL037376.D

Acq: 11 Aug 2021 3:04

Instrument :

MSVOA_L

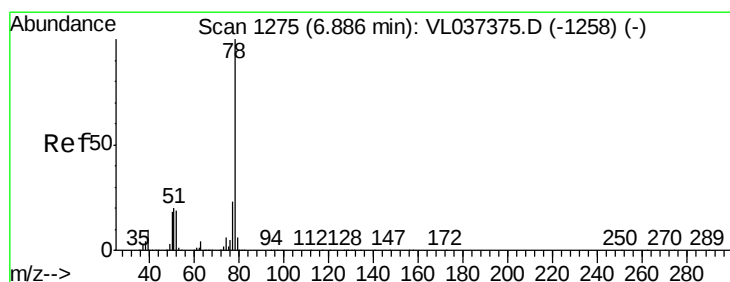
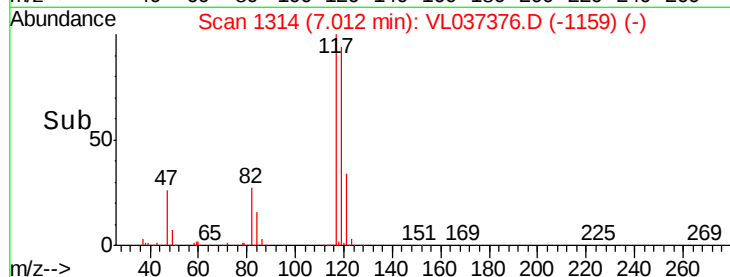
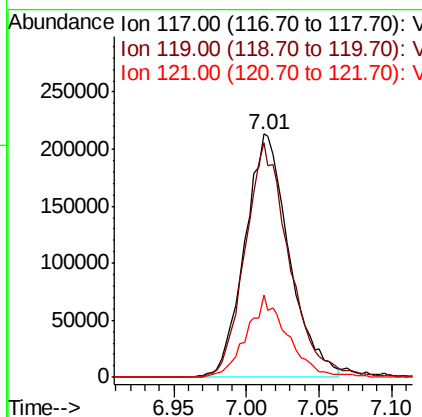
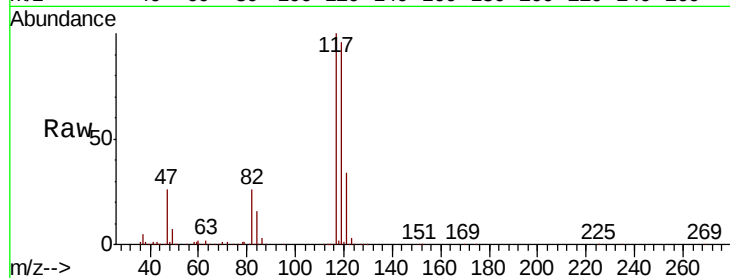
ClientSampleId :

VSTDIC002

Tot Ion:	117	Resp:	453953
Ion Ratio	Lower	Upper	
117	100		
119	96.1	76.1	114.1
121	33.7	24.4	36.6

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#36

Benzene

Concen: 2.108 ppbv

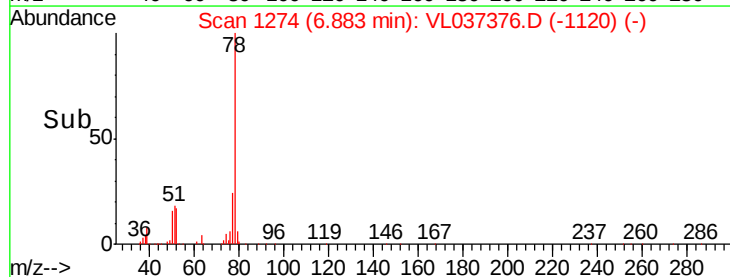
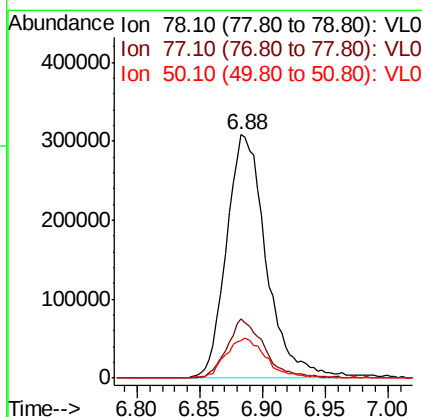
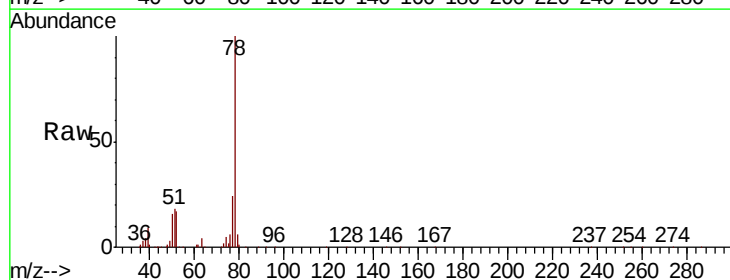
RT: 6.88 min Scan# 1274

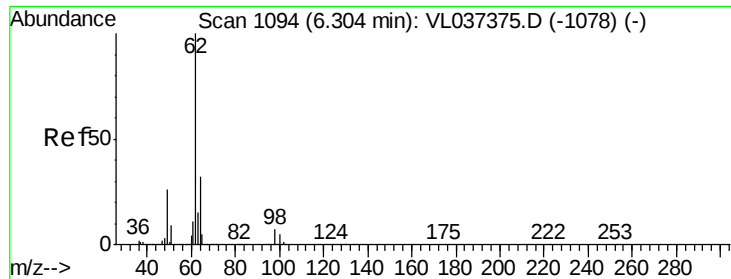
Delta R.T. -0.00 min

Lab File: VL037376.D

Acq: 11 Aug 2021 3:04

Tgt Ion:	78	Resp:	673198
Ion Ratio	Lower	Upper	
78	100		
77	23.9	18.6	28.0
50	15.6	14.3	21.5





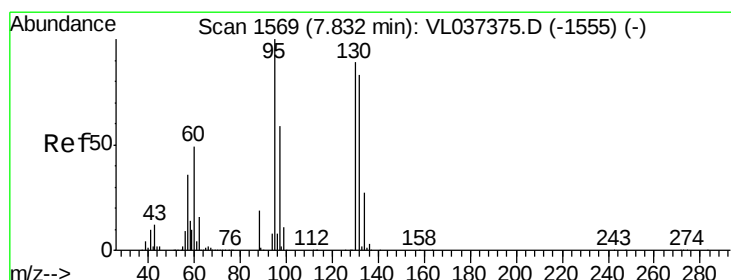
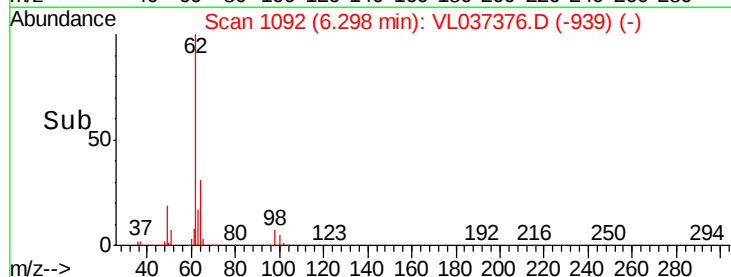
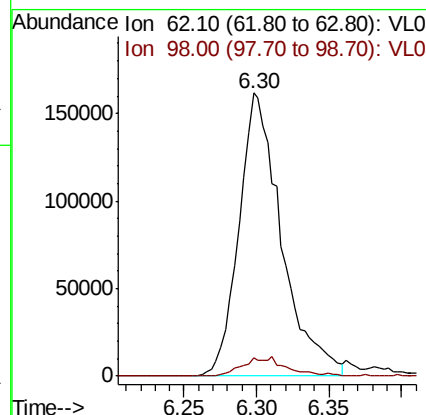
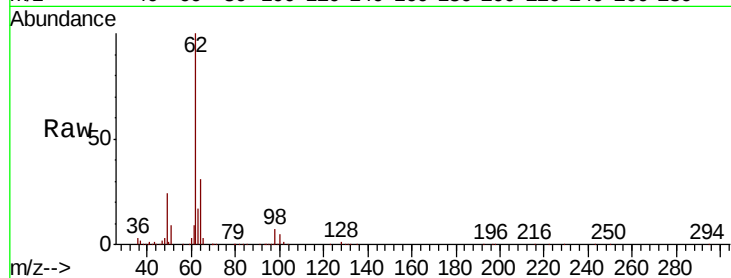
#37
 1,2-Dichloroethane
 Concen: 1.823 ppbv
 RT: 6.30 min Scan# 1092
 Delta R.T. -0.01 min
 Lab File: VL037376.D
 Acq: 11 Aug 2021 3:04

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

Tot Ion	Ratio	Resp	Lower	Upper
62	100	330186		
98	7.1		5.8	8.8

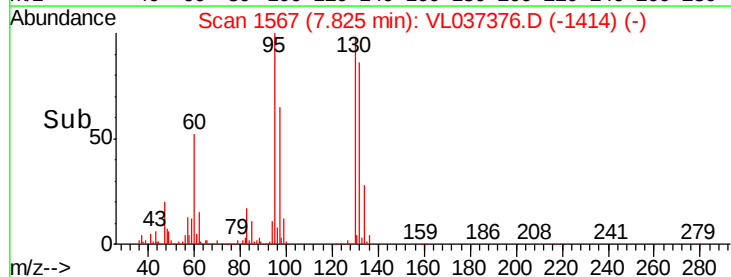
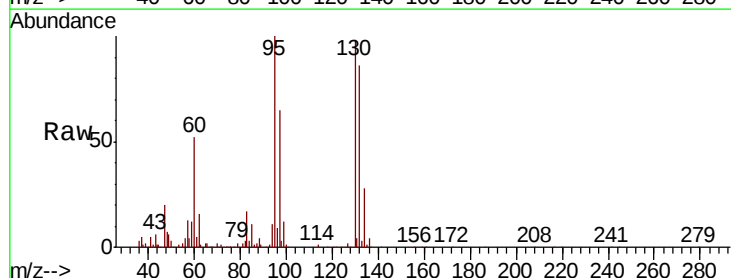
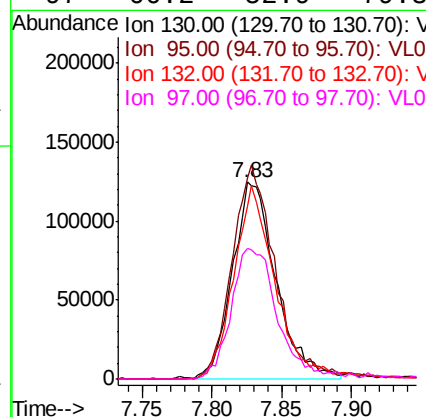
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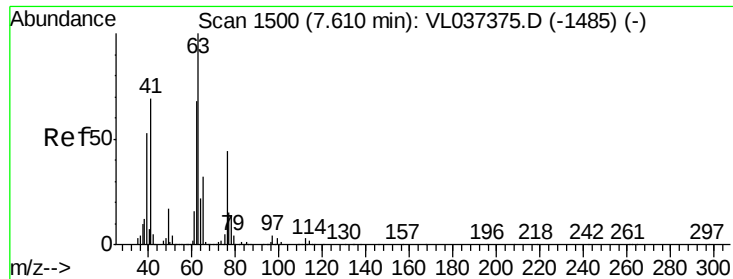
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#38
 Trichloroethene
 Concen: 1.798 ppbv m
 RT: 7.83 min Scan# 1567
 Delta R.T. -0.01 min
 Lab File: VL037376.D
 Acq: 11 Aug 2021 3:04

Tgt Ion	Ratio	Resp	Lower	Upper
130	100	270859		
95	102.5		89.5	134.3
132	87.8		74.2	111.4
97	66.2		52.9	79.3





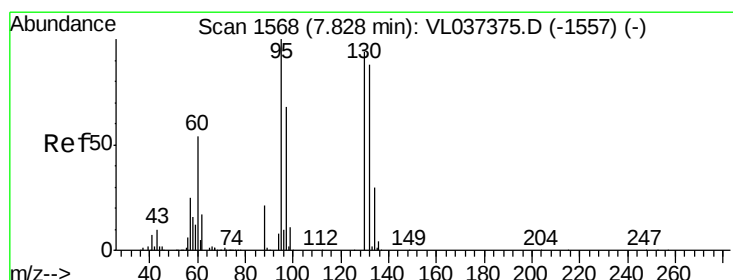
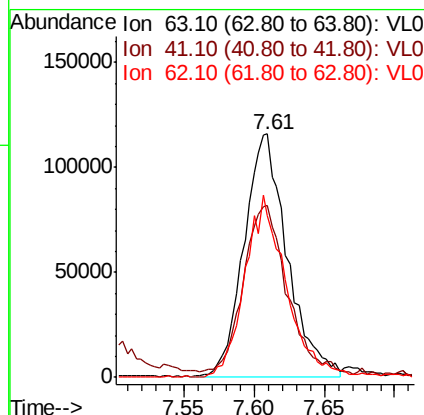
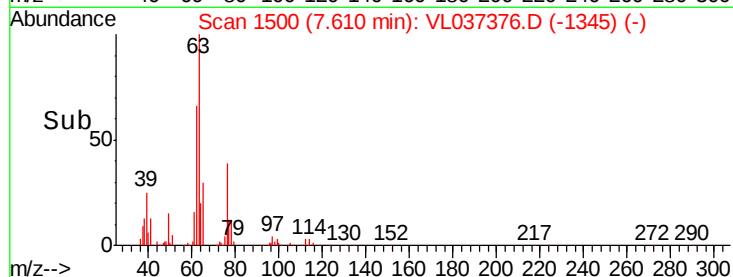
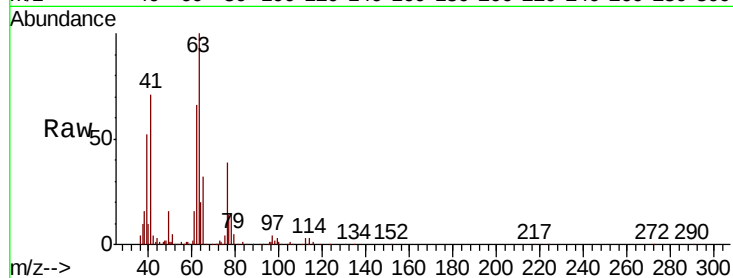
#39
 1,2-Dichloropropane
 Concen: 2.097 ppbv
 RT: 7.61 min Scan# 1500
 Delta R.T. -0.00 min
 Lab File: VL037376.D
 Acq: 11 Aug 2021 3:04

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

Tot Ion:	63	Resp:	247800
Ion Ratio	Lower	Upper	
63	100		
41	67.9	54.8	82.2
62	66.1	54.5	81.7

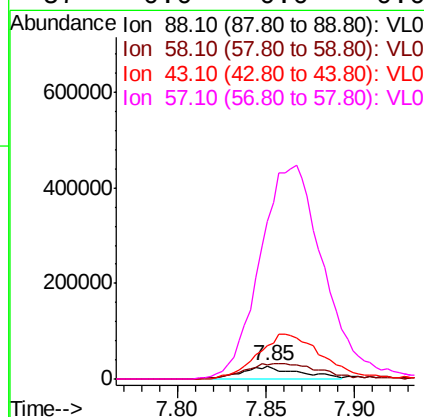
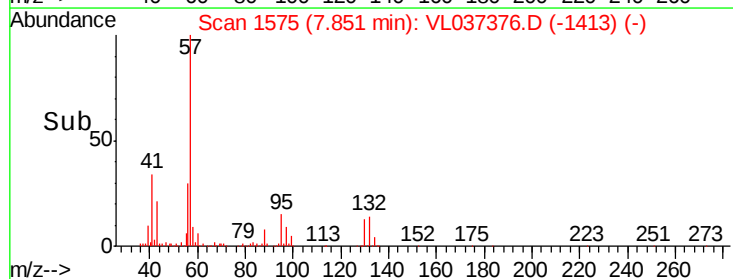
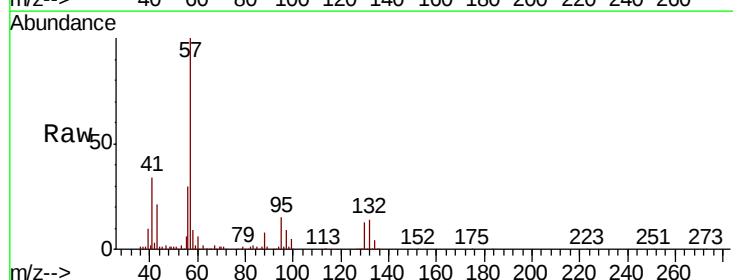
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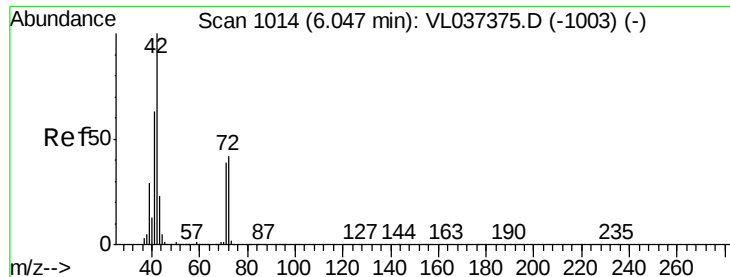
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#40
 1,4-Dioxane
 Concen: 1.832 ppbv m
 RT: 7.85 min Scan# 1575
 Delta R.T. 0.02 min
 Lab File: VL037376.D
 Acq: 11 Aug 2021 3:04

Tgt Ion:	88	Resp:	59574
Ion Ratio	Lower	Upper	
88	100		
58	0.0	0.0	0.0
43	0.0	0.0	0.0
57	0.0	0.0	0.0





#41

Tetrahydrofuran

Concen: 2.062 ppbv m

RT: 6.06 min Scan# 1018

Delta R.T. 0.01 min

Lab File: VL037376.D

Acq: 11 Aug 2021 3:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

Tot Ion: 42 Resp: 146687

Ion Ratio Lower Upper

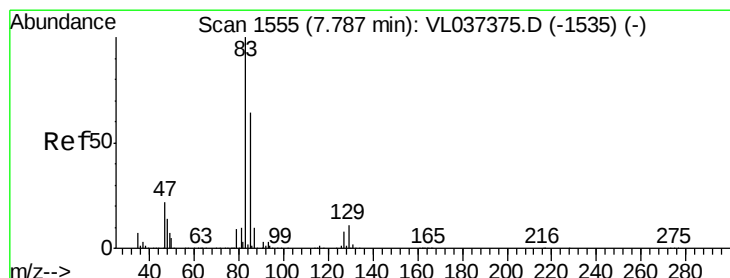
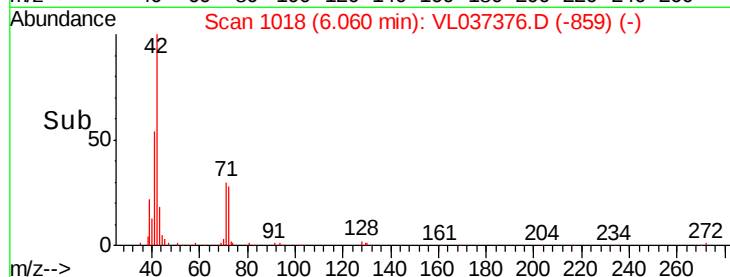
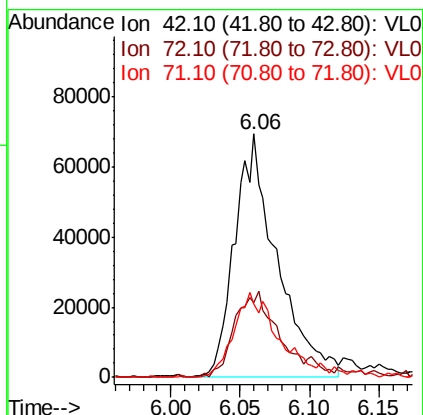
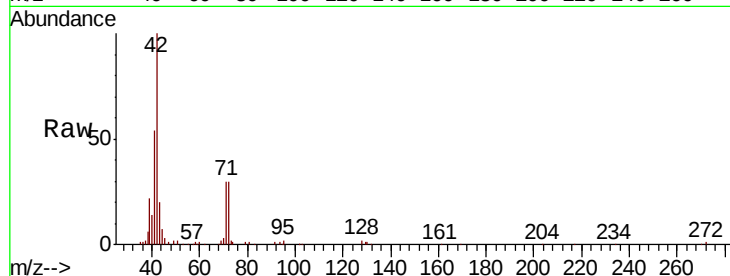
42 100

72 0.0 34.4 51.6#

71 0.0 32.3 48.5#

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#42

Bromodichloromethane

Concen: 1.902 ppbv

RT: 7.78 min Scan# 1554

Delta R.T. -0.00 min

Lab File: VL037376.D

Acq: 11 Aug 2021 3:04

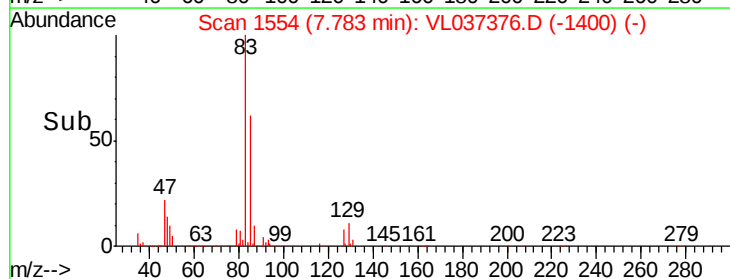
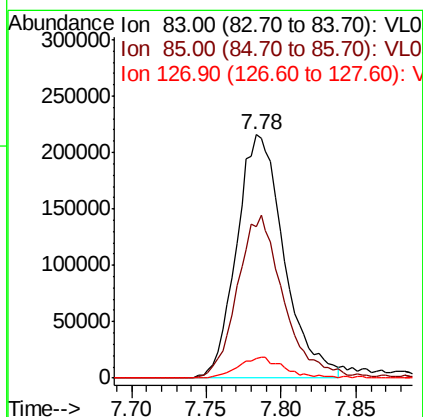
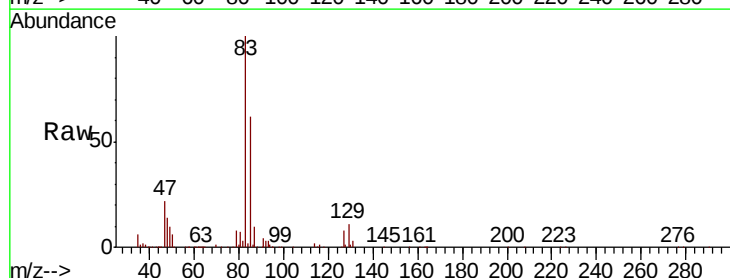
Tgt Ion: 83 Resp: 474966

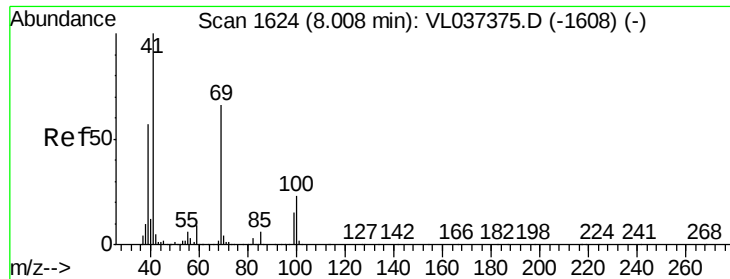
Ion Ratio Lower Upper

83 100

85 62.4 51.2 76.8

127 8.1 6.7 10.1





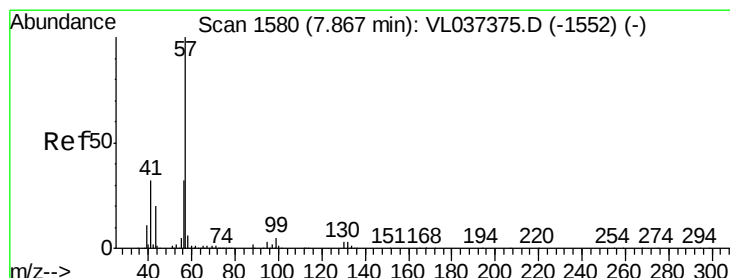
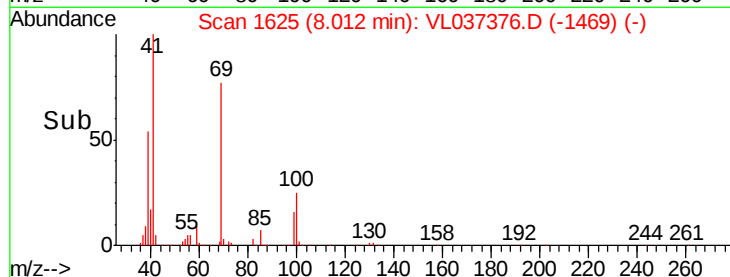
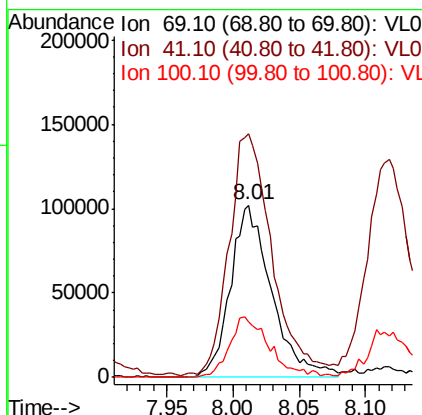
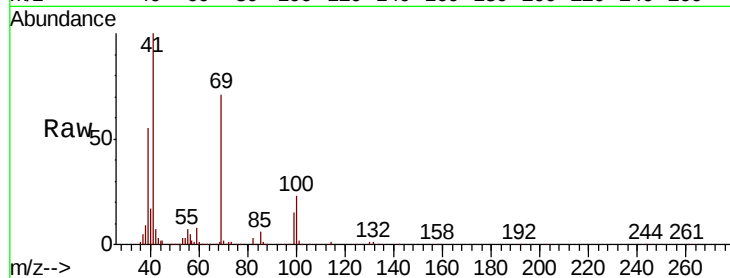
#43
Methvl Methacrylate
Concen: 1.981 ppbv
RT: 8.01 min Scan# 1625
Delta R.T. 0.00 min
Lab File: VL037376.D
Acq: 11 Aug 2021 3:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tot Ion	Ratio	Lower	Upper
69	100		
41	149.3	119.1	178.7
100	35.0	27.7	41.5

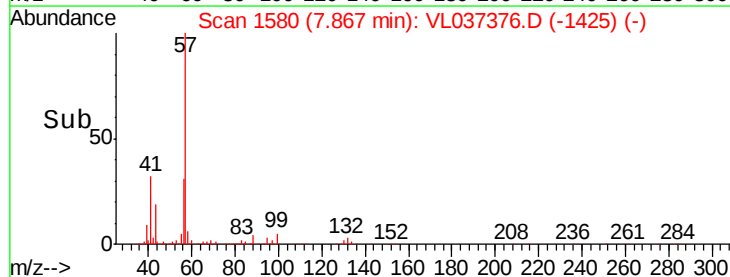
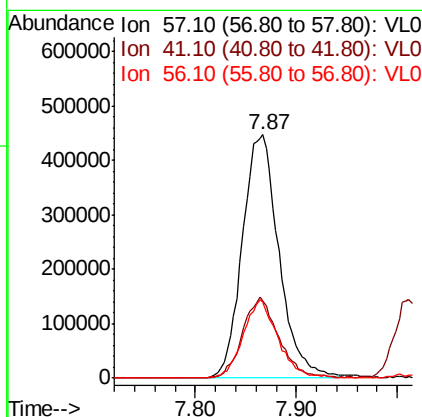
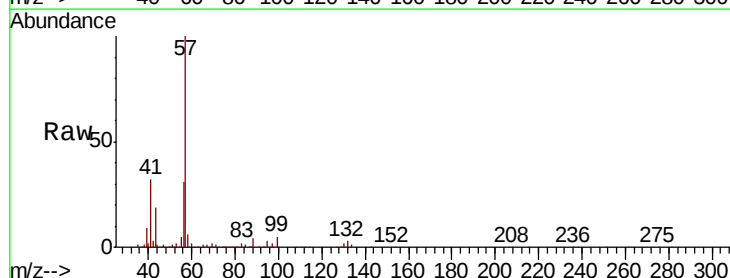
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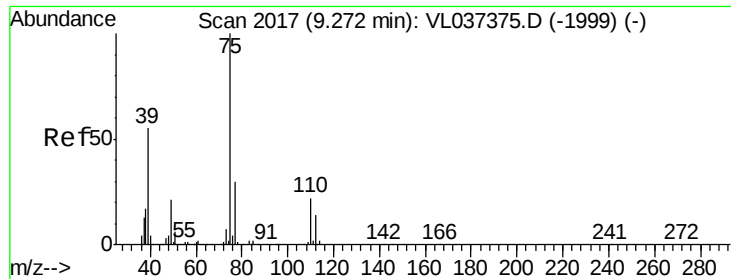
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#44
2,2,4-Trimethylpentane
Concen: 2.092 ppbv m
RT: 7.87 min Scan# 1580
Delta R.T. -0.00 min
Lab File: VL037376.D
Acq: 11 Aug 2021 3:04

Tgt Ion	Ratio	Lower	Upper
57	100		
41	32.1	26.1	39.1
56	30.6	25.1	37.7





#45

t-1,3-Dichloropropene

Concen: 1.741 ppbv m

RT: 9.27 min Scan# 2016

Delta R.T. -0.00 min

Lab File: VL037376.D

Acq: 11 Aug 2021 3:04

Tot Ion: 75 Resp: 162638

Ion Ratio Lower Upper

75 100

77 30.2 24.1 36.1

Instrument :

MSVOA_L

ClientSampleId :

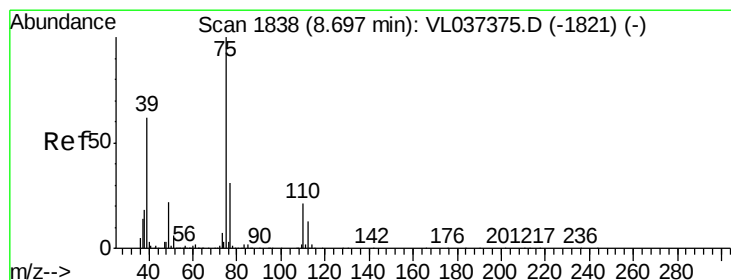
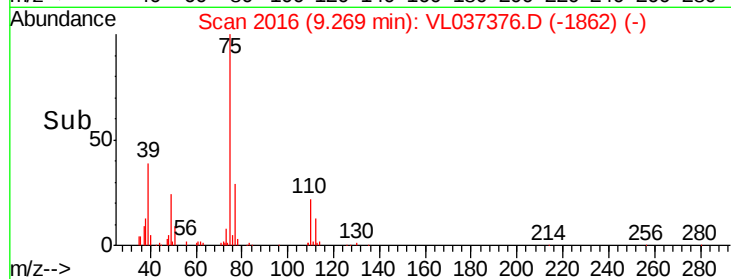
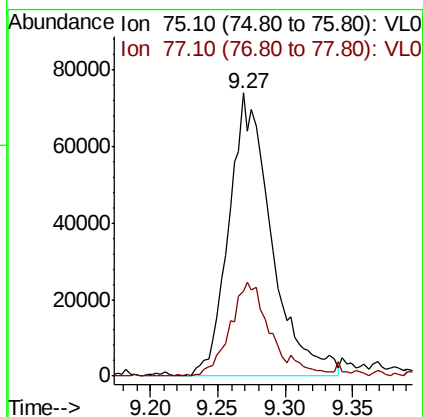
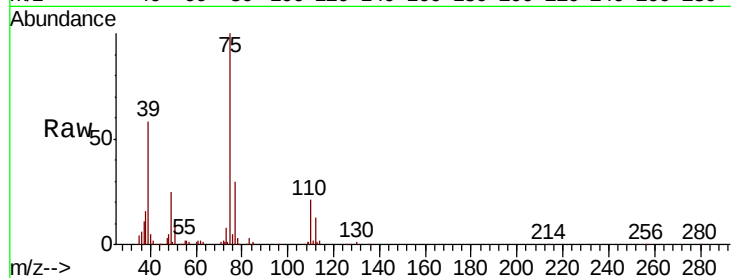
VSTDIC002

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#46

cis-1,3-Dichloropropene

Concen: 1.784 ppbv

RT: 8.70 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VL037376.D

Acq: 11 Aug 2021 3:04

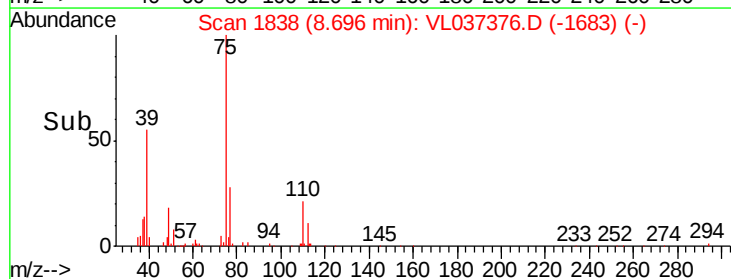
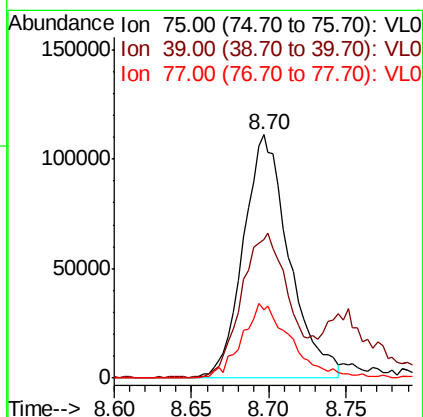
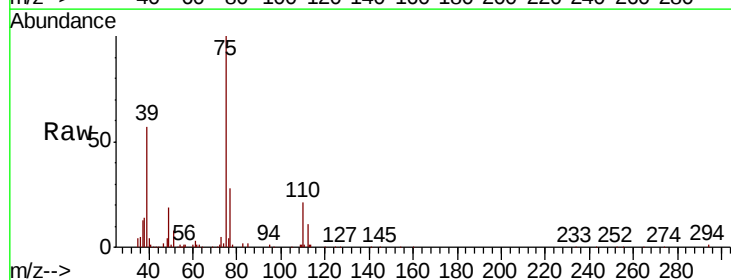
Tgt Ion: 75 Resp: 229087

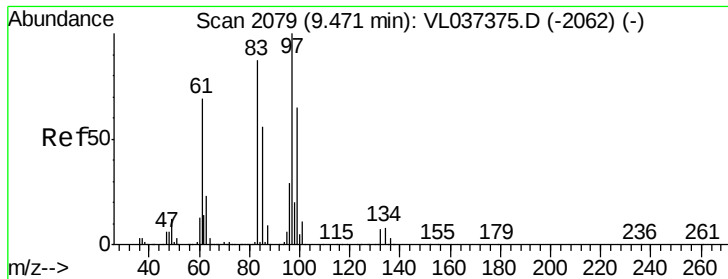
Ion Ratio Lower Upper

75 100

39 57.0 49.4 74.2

77 28.1 25.0 37.6





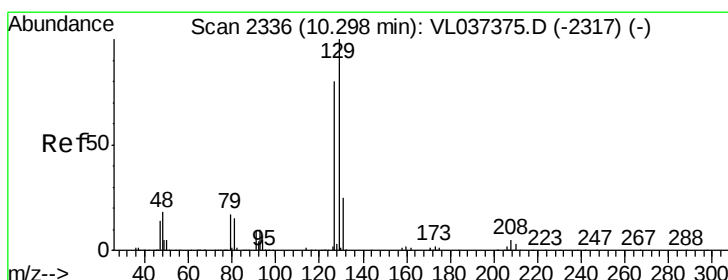
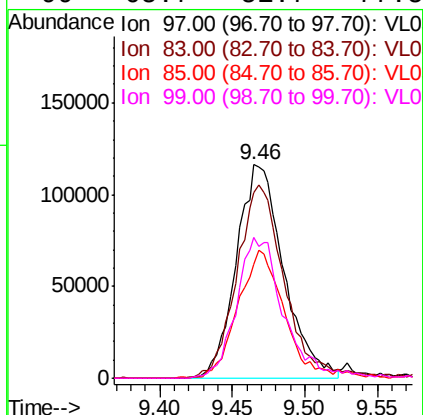
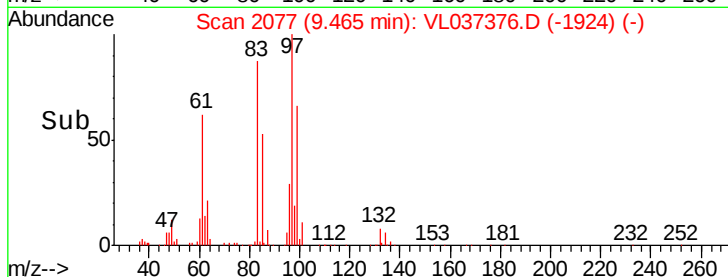
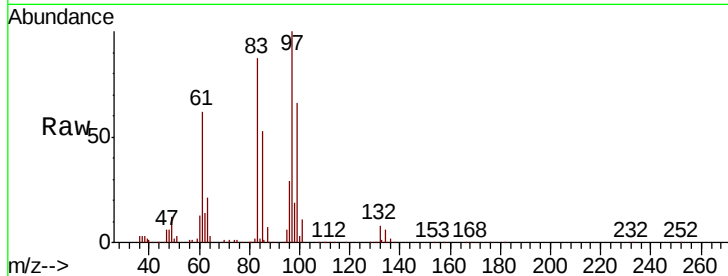
#47
 1,1,2-Trichloroethane
 Concen: 1.963 ppbv
 RT: 9.46 min Scan# 2077
 Delta R.T. -0.01 min
 Lab File: VL037376.D
 Acq: 11 Aug 2021 3:04

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

Tot Ion	Ratio	Lower	Upper
97	100		
83	86.1	69.4	104.0
85	53.2	45.0	67.4
99	65.7	51.7	77.5

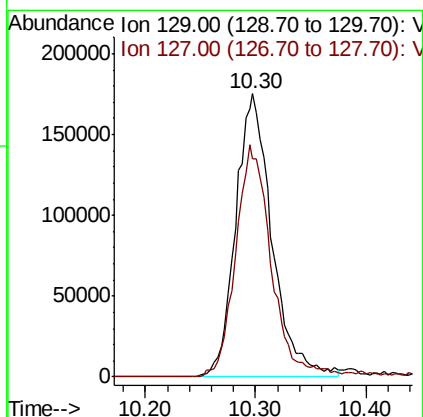
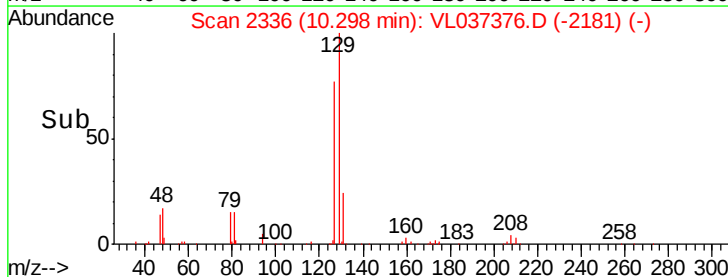
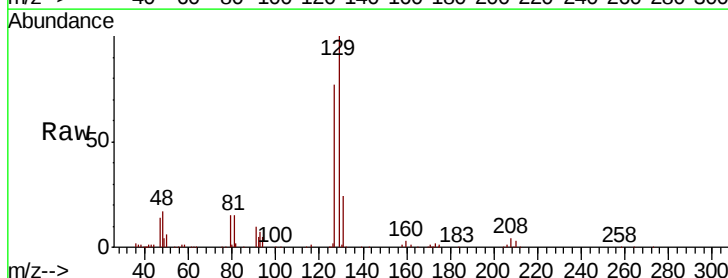
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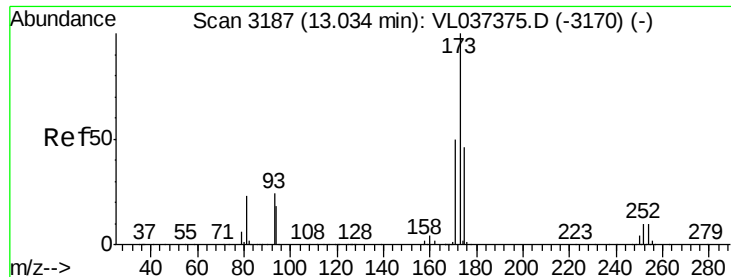
apatel
 8/12/2021 10:16:35 AM



#48
 Dibromochloromethane
 Concen: 1.920 ppbv m
 RT: 10.30 min Scan# 2336
 Delta R.T. -0.00 min
 Lab File: VL037376.D
 Acq: 11 Aug 2021 3:04

Tgt Ion	Ratio	Lower	Upper
129	100		
127	80.8	40.1	120.3





#49

Bromoform

Concen: 1.981 ppbv m

RT: 13.03 min Scan# 3186

Delta R.T. -0.00 min

Lab File: VL037376.D

Acq: 11 Aug 2021 3:04

Instrument :

MSVOA_L

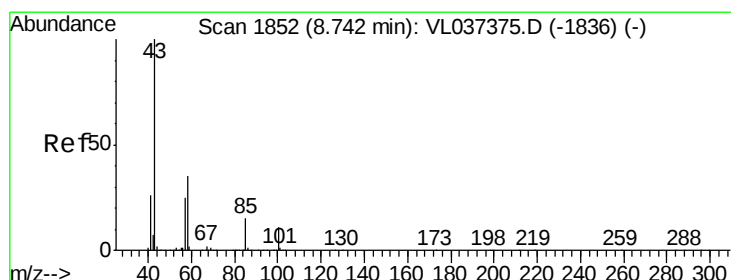
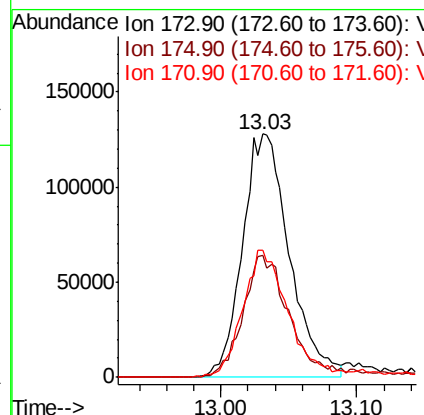
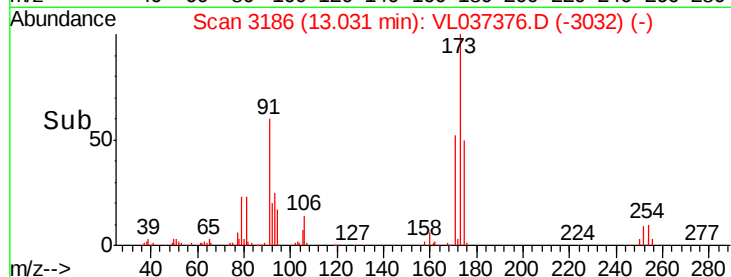
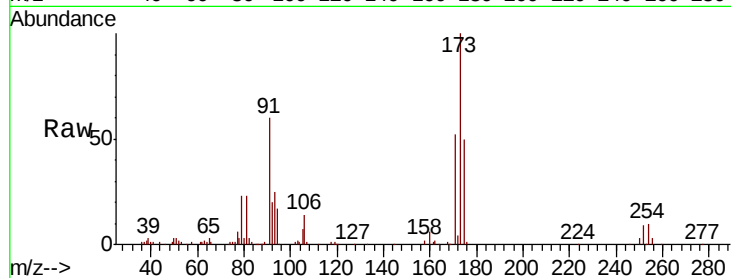
ClientSampleId :

VSTDIC002

Tot Ion:	173	Resp:	307149
Ion Ratio	Lower	Upper	
173	100		
175	52.6	41.7	62.5
171	51.5	43.3	64.9

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#50

4-Methyl-2-Pentanone

Concen: 1.941 ppbv

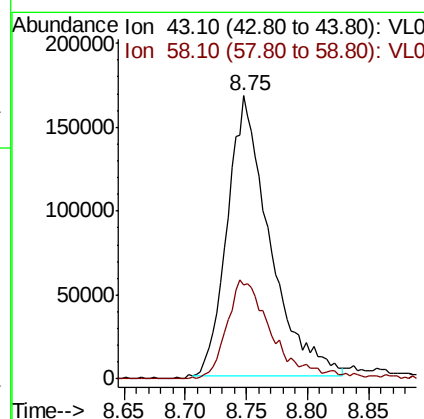
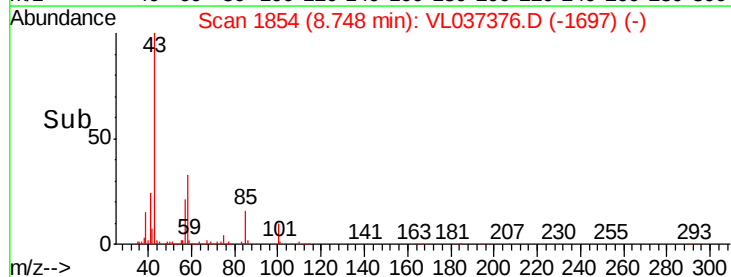
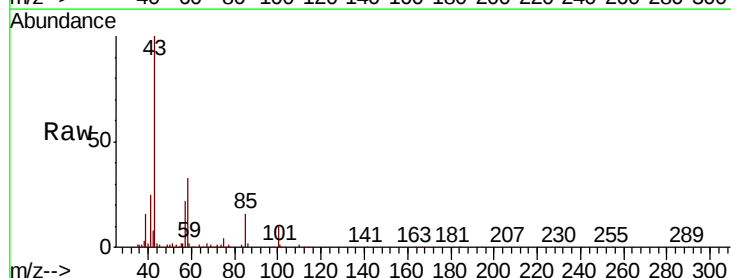
RT: 8.75 min Scan# 1854

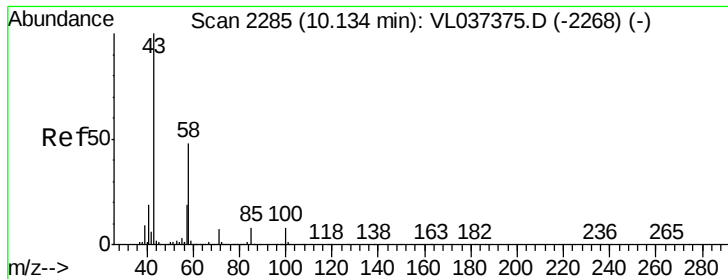
Delta R.T. 0.01 min

Lab File: VL037376.D

Acq: 11 Aug 2021 3:04

Tgt Ion:	43	Resp:	404272
Ion Ratio	Lower	Upper	
43	100		
58	37.8	29.4	44.0





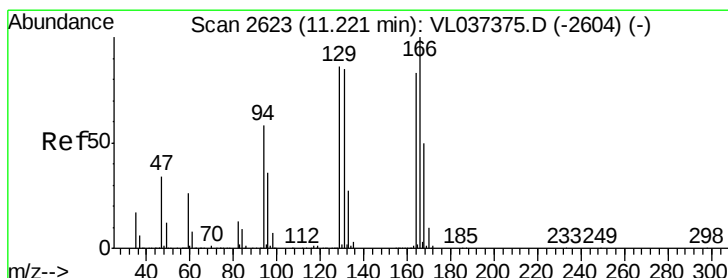
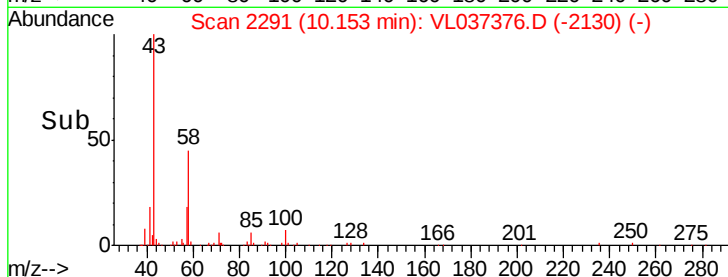
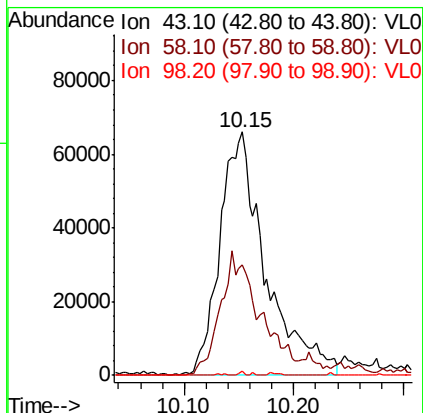
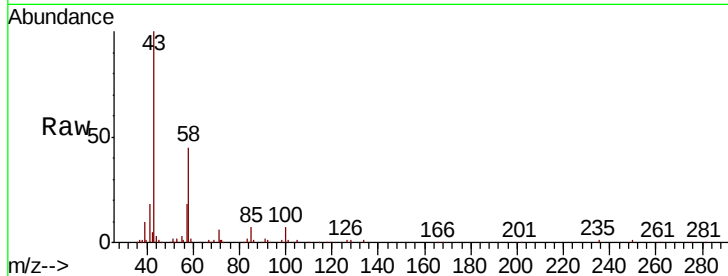
#51
2-Hexanone
Concen: 1.911 ppbv m
RT: 10.15 min Scan# 2291
Delta R.T. 0.02 min
Lab File: VL037376.D
Acq: 11 Aug 2021 3:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tot Ion	Ratio	Lower	Upper
43	100		
58	50.4	41.8	62.8
98	0.1	0.2	0.4#

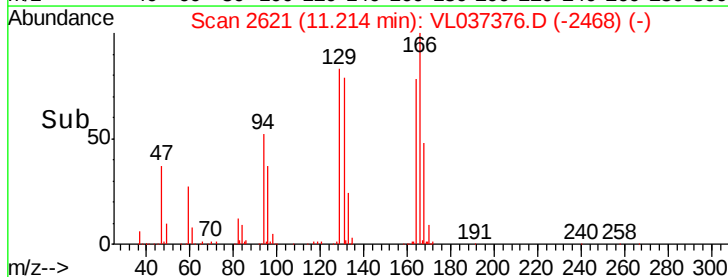
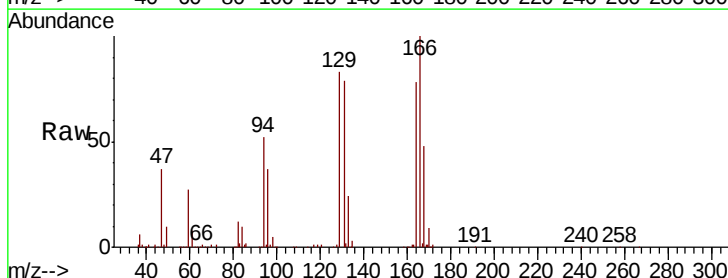
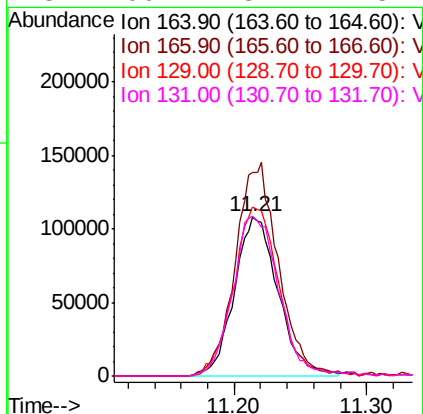
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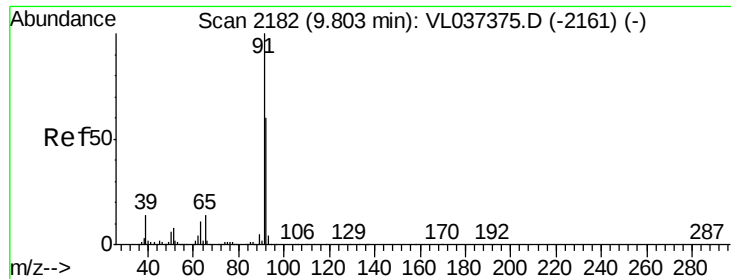
apatel
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#52
Tetrachloroethene
Concen: 1.677 ppbv
RT: 11.21 min Scan# 2621
Delta R.T. -0.01 min
Lab File: VL037376.D
Acq: 11 Aug 2021 3:04

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.0	96.5	144.7
129	106.4	83.2	124.8
131	100.7	82.2	123.2





#53

Toluene

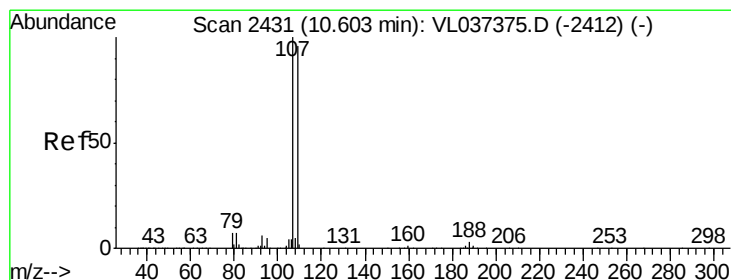
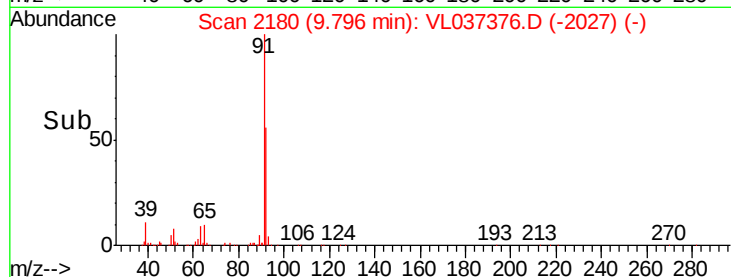
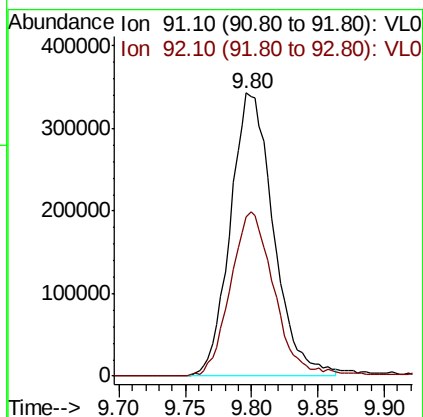
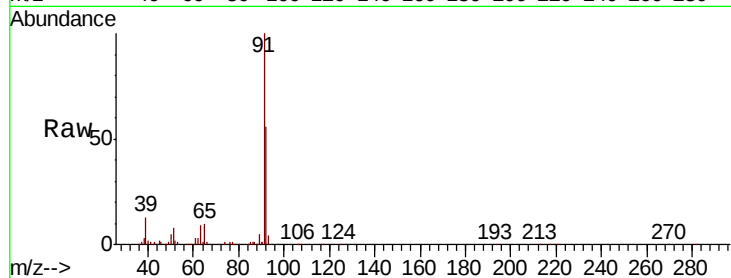
Concen: 2.036 ppbv m
RT: 9.80 min Scan# 2180
Delta R.T. -0.01 min
Lab File: VL037376.D
Acq: 11 Aug 2021 3:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tot Ion	Ratio	Lower	Upper
91	100		
92	59.8	48.2	72.2

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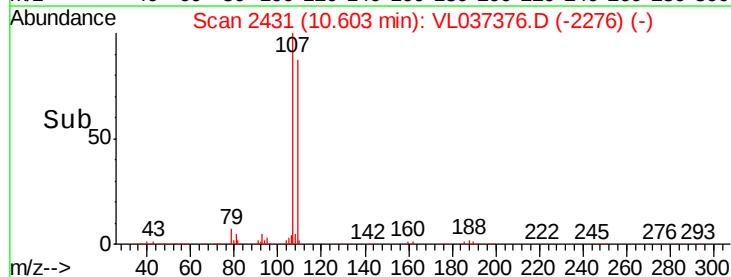
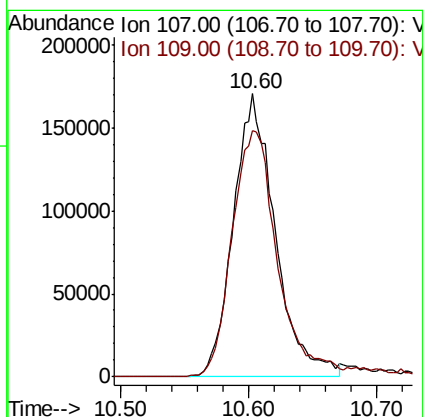
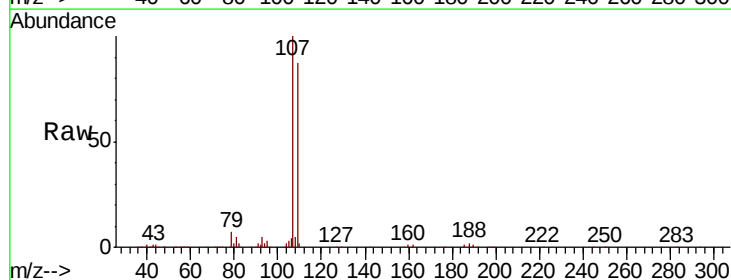


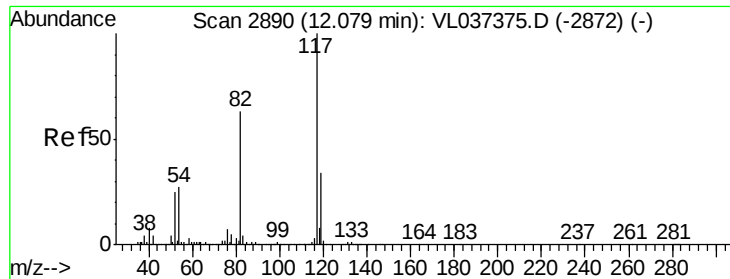
#54

1,2-Dibromoethane

Concen: 2.010 ppbv m
RT: 10.60 min Scan# 2431
Delta R.T. -0.00 min
Lab File: VL037376.D
Acq: 11 Aug 2021 3:04

Tgt Ion	Ratio	Lower	Upper
107	100		
109	87.0	76.7	115.1





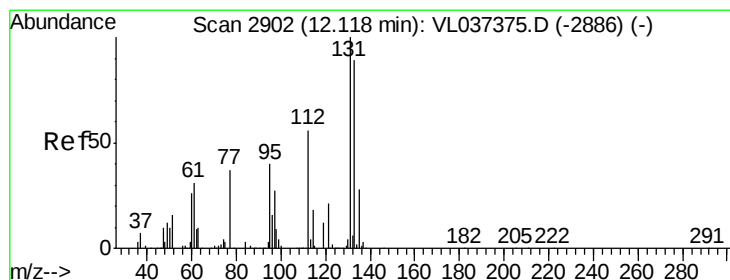
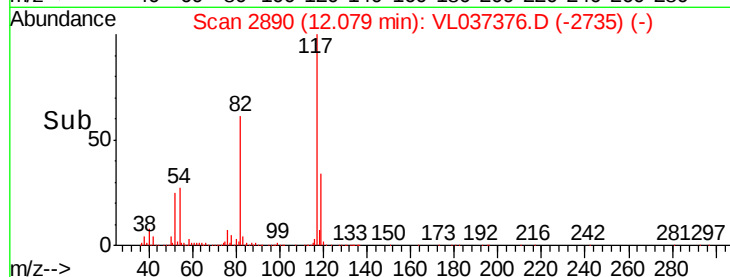
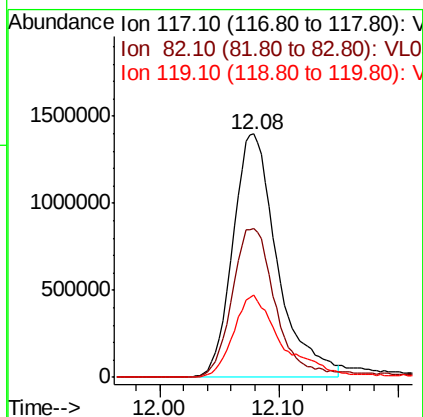
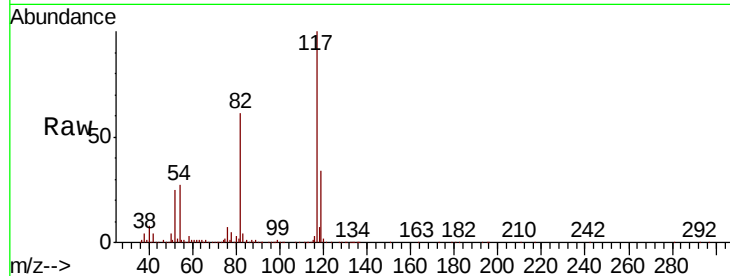
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2890
Delta R.T. -0.00 min
Lab File: VL037376.D
Acq: 11 Aug 2021 3:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tot Ion	Ratio	Lower	Upper
117	100		
82	63.1	52.6	78.8
119	37.9	46.6	69.8#

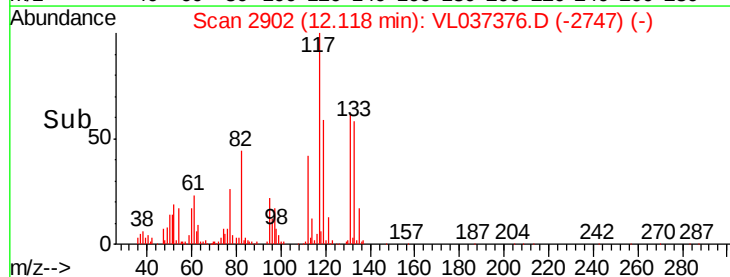
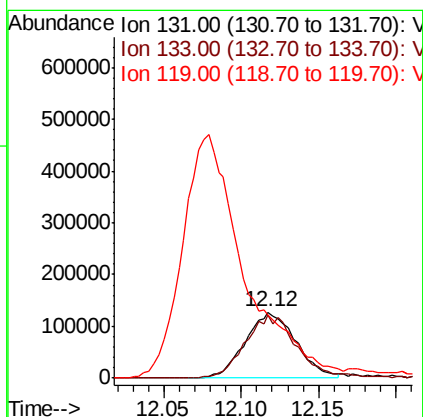
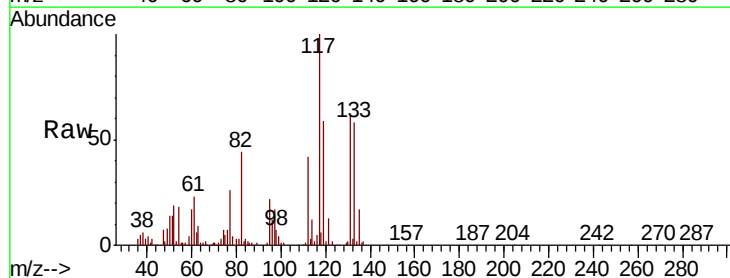
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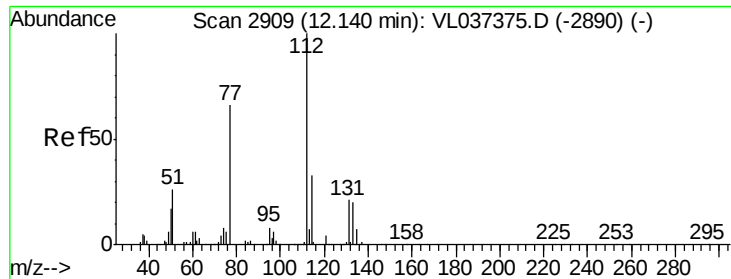
apatel
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#56
1,1,1,2-Tetrachloroethane
Concen: 1.861 ppbv
RT: 12.12 min Scan# 2902
Delta R.T. -0.00 min
Lab File: VL037376.D
Acq: 11 Aug 2021 3:04

Tgt Ion	Ratio	Lower	Upper
131	100		
133	101.7	79.3	118.9
119	483.3	126.2	189.2#





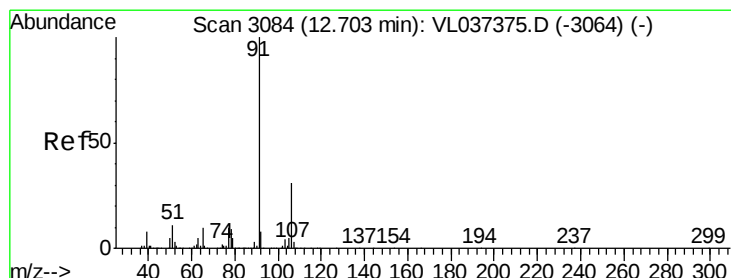
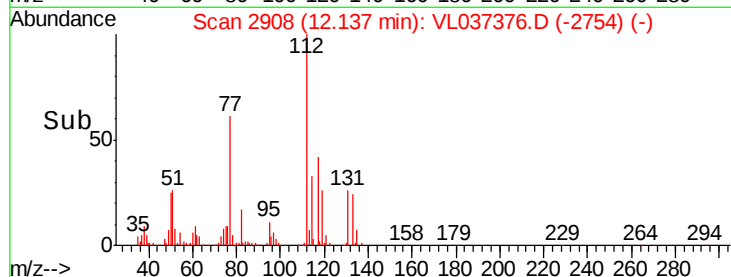
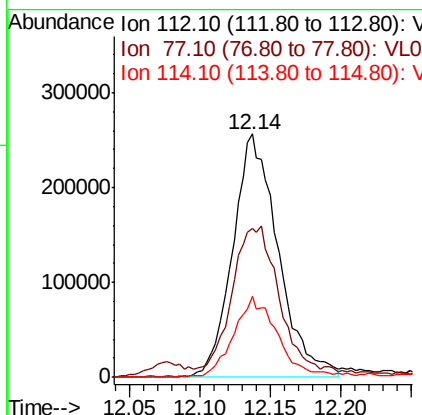
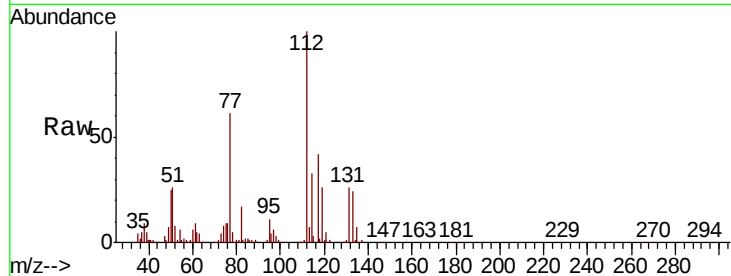
#57
Chlorobenzene
Concen: 1.968 ppbv
RT: 12.14 min Scan# 2908
Delta R.T. -0.00 min
Lab File: VL037376.D
Acq: 11 Aug 2021 3:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tot Ion	Ratio	Lower	Upper
112	100		
77	59.0	52.9	79.3
114	32.9	29.8	36.4

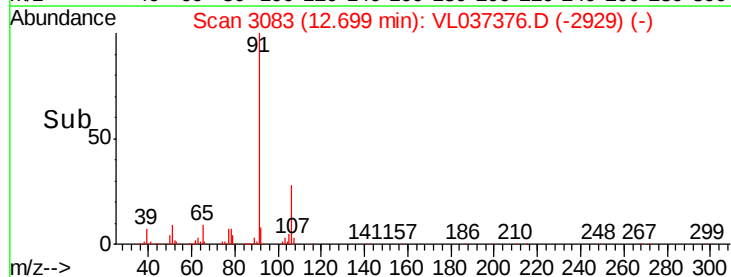
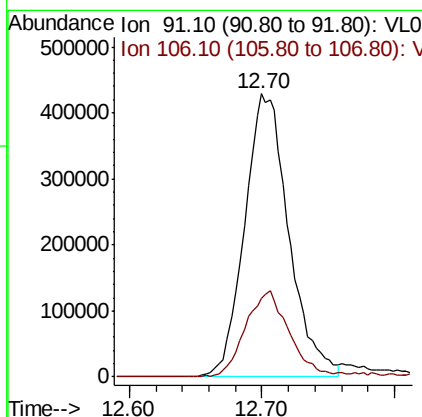
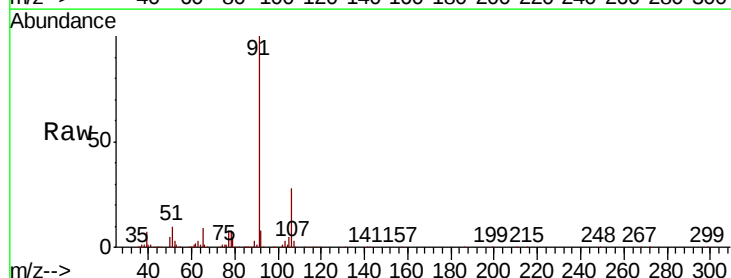
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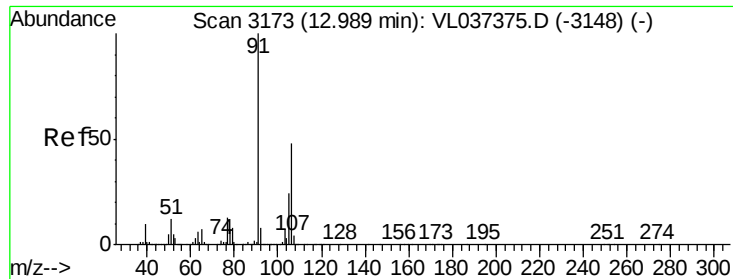
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#58
Ethyl Benzene
Concen: 2.006 ppbv
RT: 12.70 min Scan# 3083
Delta R.T. -0.00 min
Lab File: VL037376.D
Acq: 11 Aug 2021 3:04

Tgt Ion	Ratio	Lower	Upper
91	100		
106	27.9	24.6	36.8





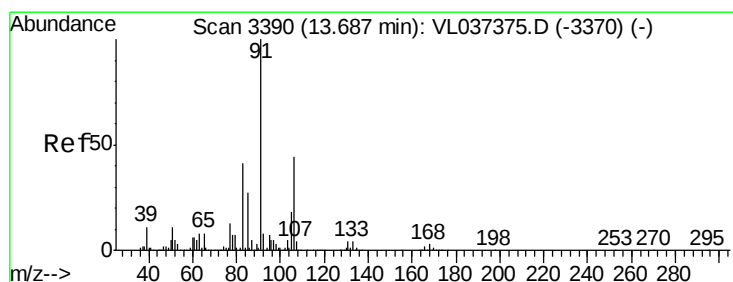
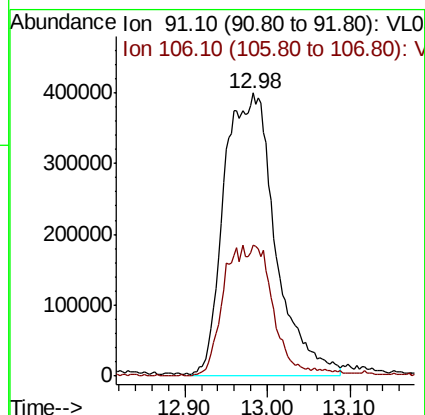
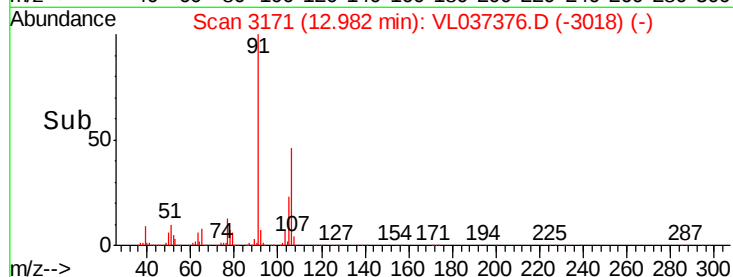
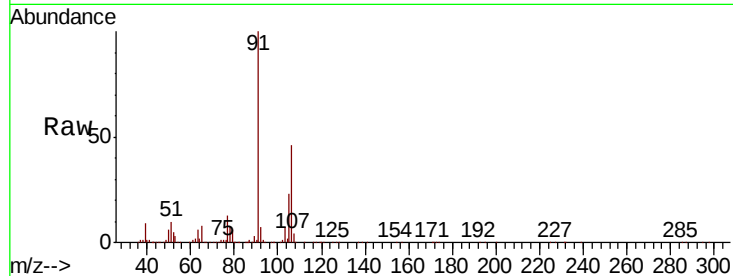
#59
m/p-Xylene
Concen: 4.114 ppbv m
RT: 12.98 min Scan# 3171
Delta R.T. -0.01 min
Lab File: VL037376.D
Acq: 11 Aug 2021 3:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tot Ion: 91 Resp: 1730469
Ion Ratio Lower Upper
91 100
106 0.0 36.2 54.2#

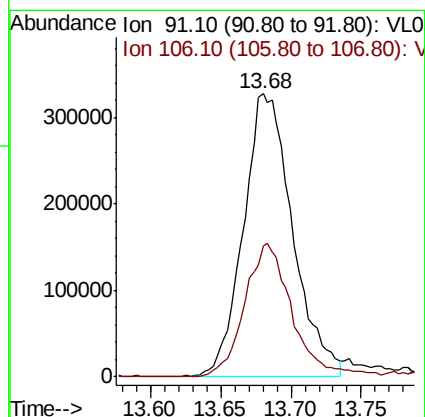
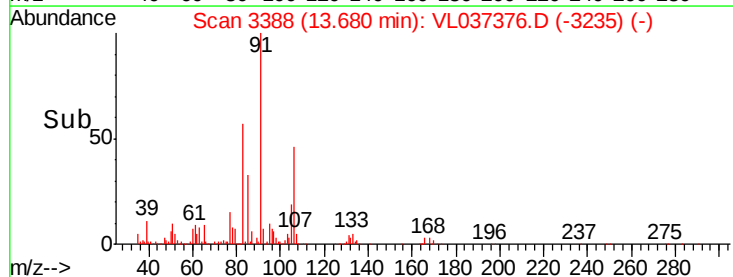
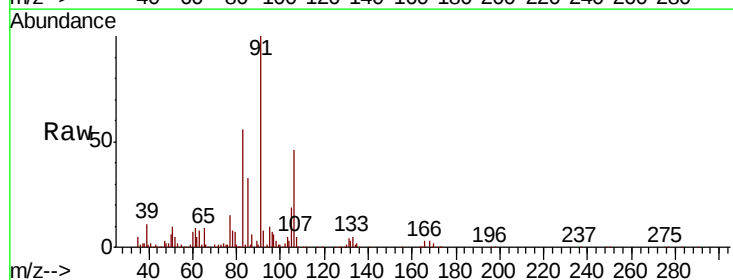
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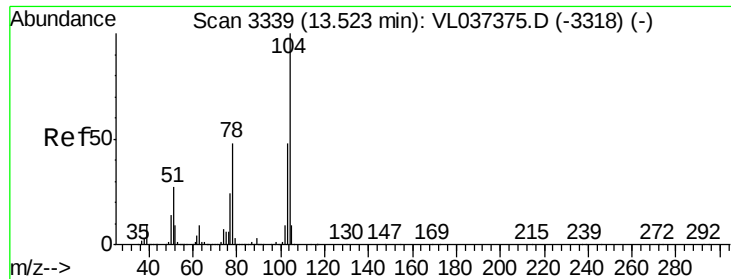
apatel
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#60
o-Xylene
Concen: 1.989 ppbv
RT: 13.68 min Scan# 3388
Delta R.T. -0.01 min
Lab File: VL037376.D
Acq: 11 Aug 2021 3:04

Tgt Ion: 91 Resp: 792875
Ion Ratio Lower Upper
91 100
106 45.9 23.4 70.0





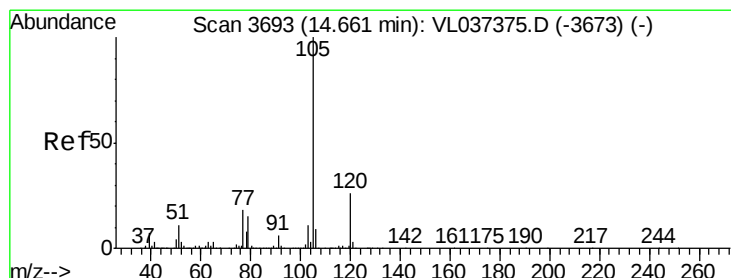
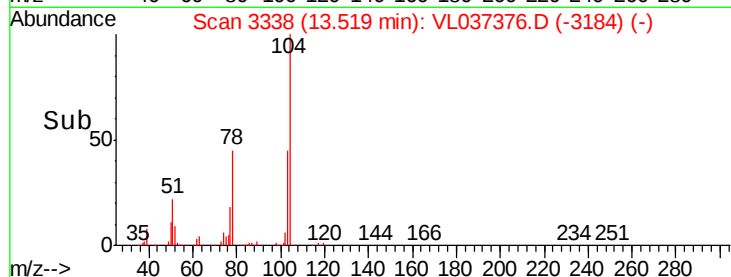
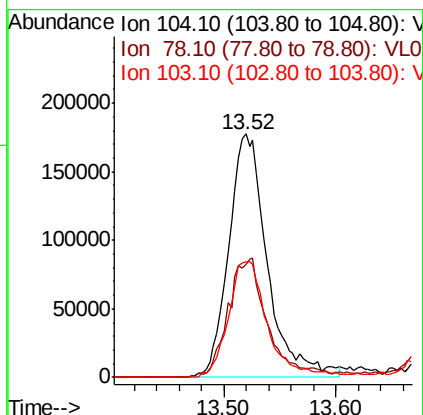
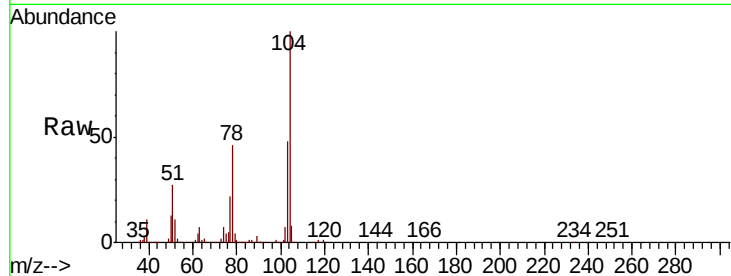
#61
Stvrene
Concen: 2.097 ppbv m
RT: 13.52 min Scan# 3338
Delta R.T. -0.00 min
Lab File: VL037376.D
Acq: 11 Aug 2021 3:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tot Ion	Ratio	Lower	Upper
104	100		
78	51.0	41.4	62.2
103	49.0	40.6	61.0

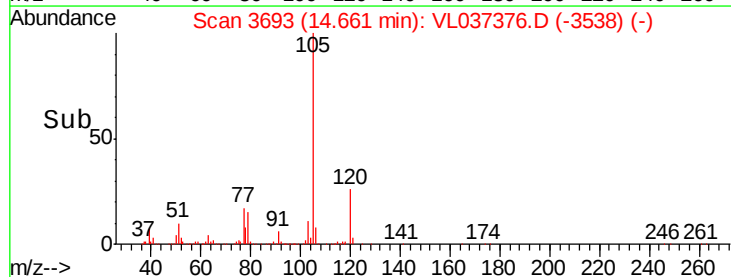
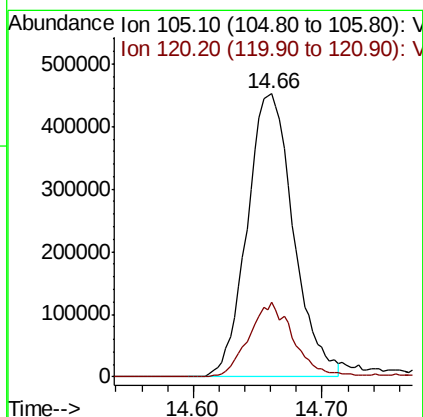
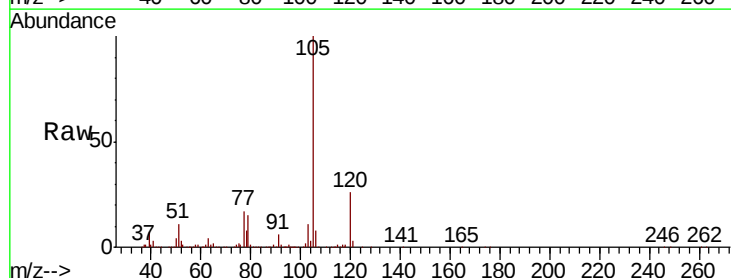
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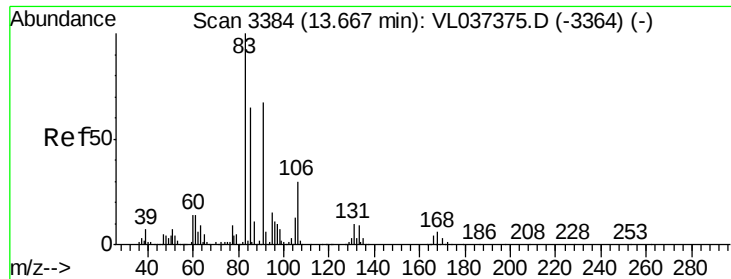
apatel
8/12/2021 10:16:35 AM



#62
Isopropylbenzene
Concen: 1.987 ppbv
RT: 14.66 min Scan# 3693
Delta R.T. -0.00 min
Lab File: VL037376.D
Acq: 11 Aug 2021 3:04

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.6	21.4	32.0





#63

1,1,2,2-Tetrachloroethane

Concen: 2.120 ppbv

RT: 13.67 min Scan# 3384

Delta R.T. -0.00 min

Lab File: VL037376.D

Acq: 11 Aug 2021 3:04

Instrument :

MSVOA_L

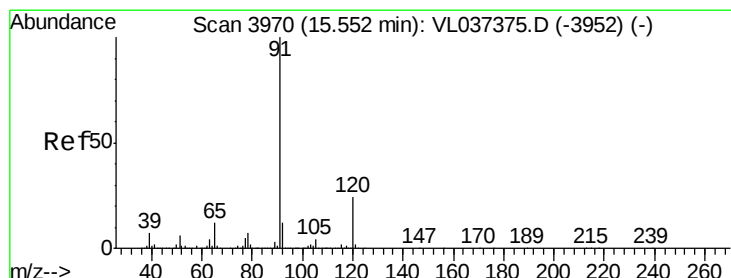
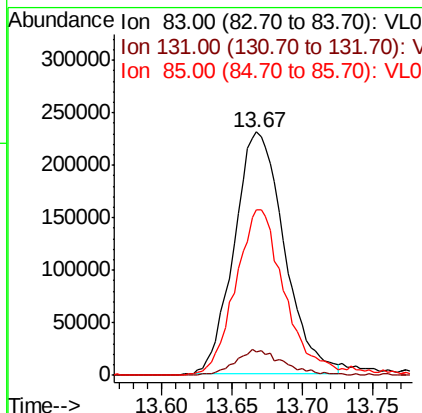
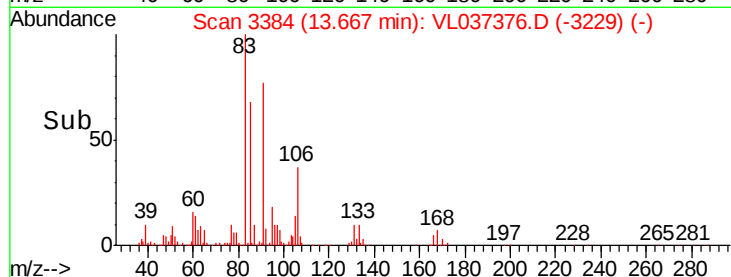
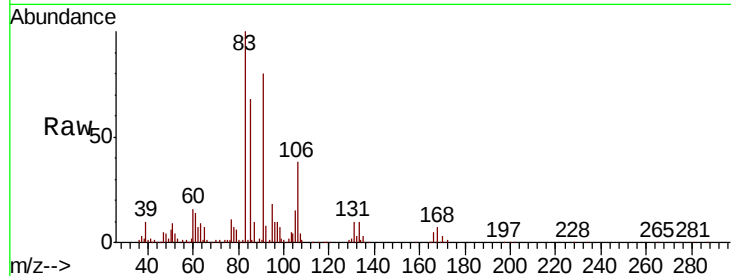
ClientSampleId :

VSTDIC002

Tot Ion:	83	Resp:	571485
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.0	15.0
85	68.3	32.6	97.8

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#64

n-propylbenzene

Concen: 2.008 ppbv

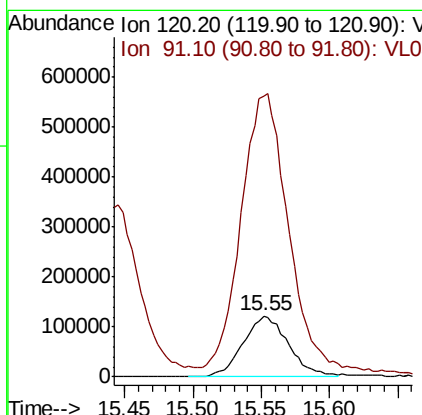
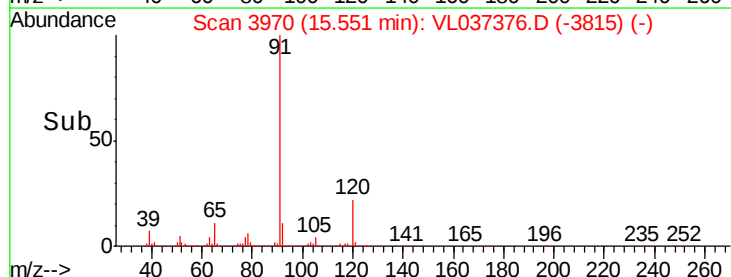
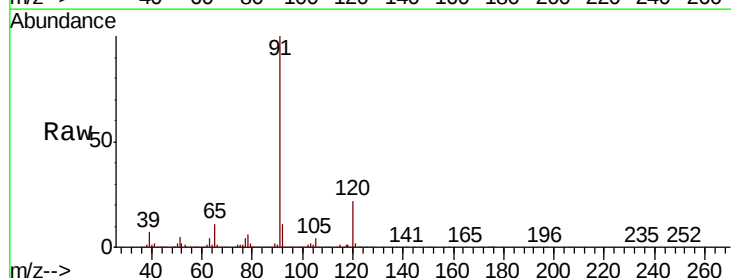
RT: 15.55 min Scan# 3970

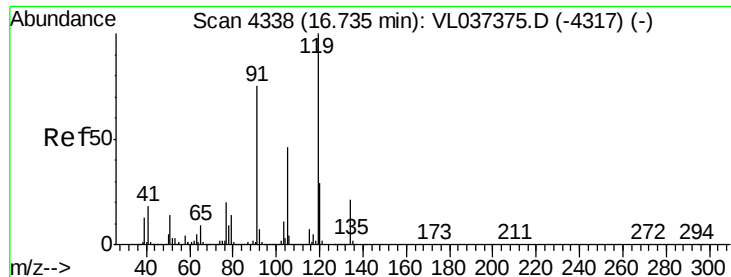
Delta R.T. -0.00 min

Lab File: VL037376.D

Acq: 11 Aug 2021 3:04

Tgt Ion:	120	Resp:	283542
Ion Ratio	Lower	Upper	
120	100		
91	504.8	386.1	579.1





#65

tert-Butylbenzene

Concen: 2.080 ppbv

RT: 16.73 min Scan# 4337

Delta R.T. -0.00 min

Lab File: VL037376.D

Acq: 11 Aug 2021 3:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

Tot Ion:119 Resp: 1046726

Ion Ratio Lower Upper

119 100

91 80.6 63.1 94.7

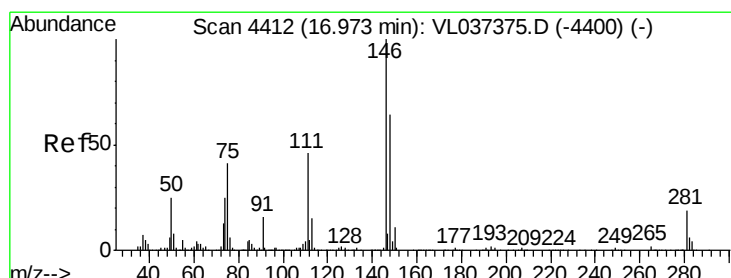
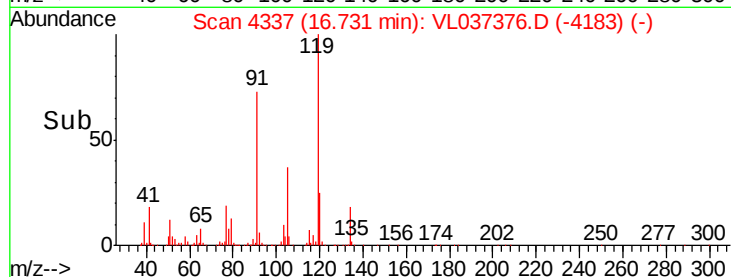
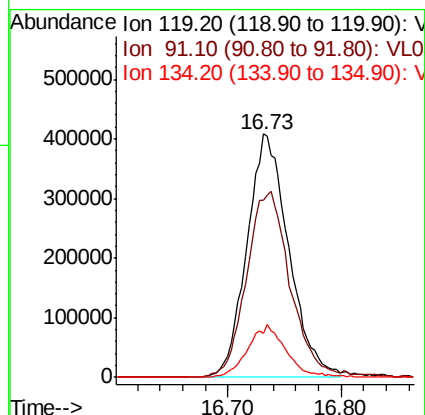
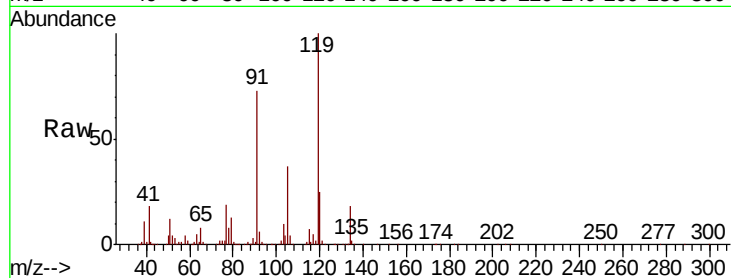
134 19.9 16.3 24.5

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#66

Benzyl Chloride

Concen: 1.827 ppbv m

RT: 16.99 min Scan# 4416

Delta R.T. 0.01 min

Lab File: VL037376.D

Acq: 11 Aug 2021 3:04

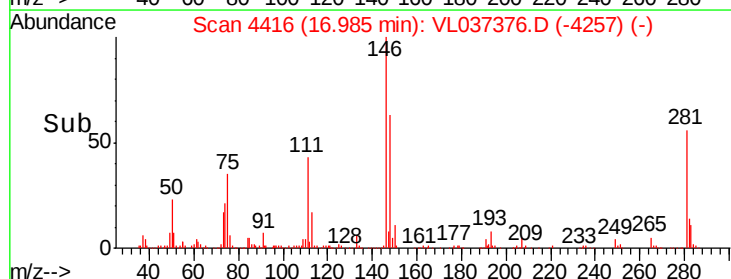
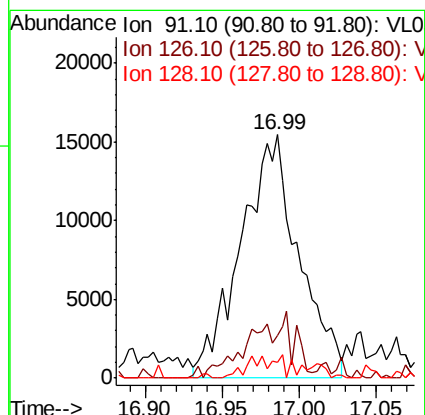
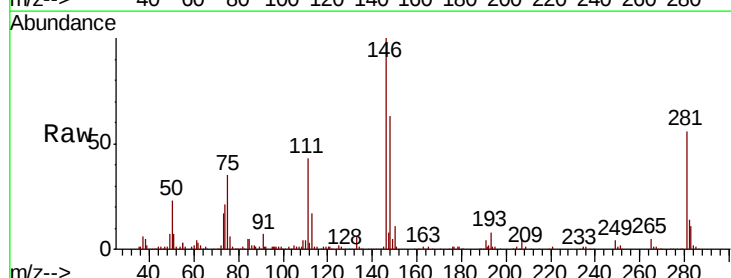
Tgt Ion: 91 Resp: 40540

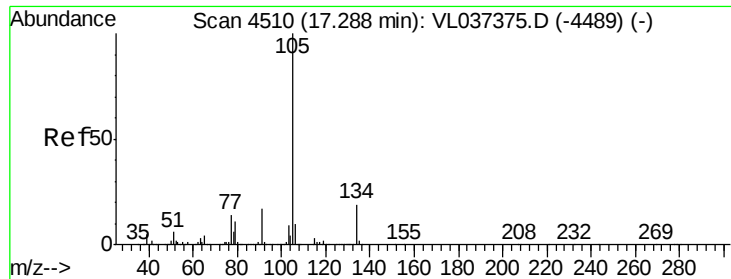
Ion Ratio Lower Upper

91 100

126 22.8 13.4 20.0#

128 4.9 5.6 8.4#





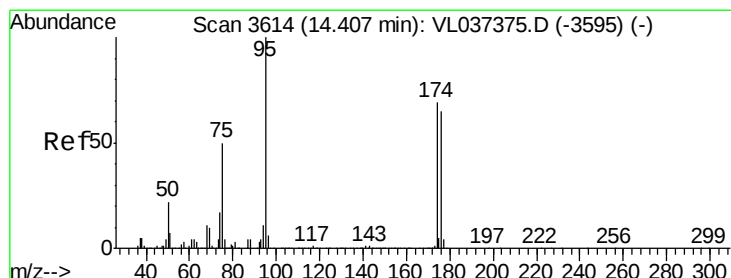
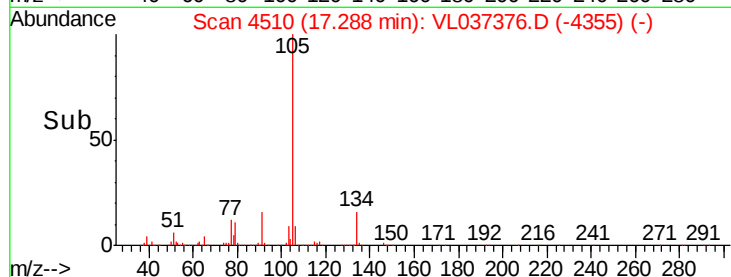
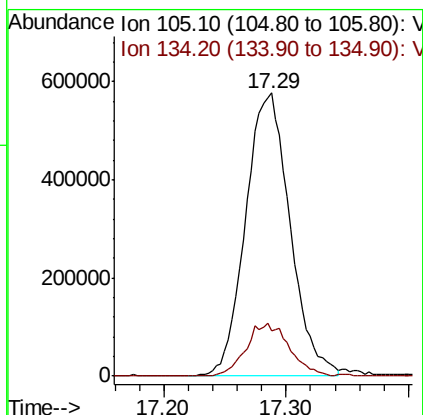
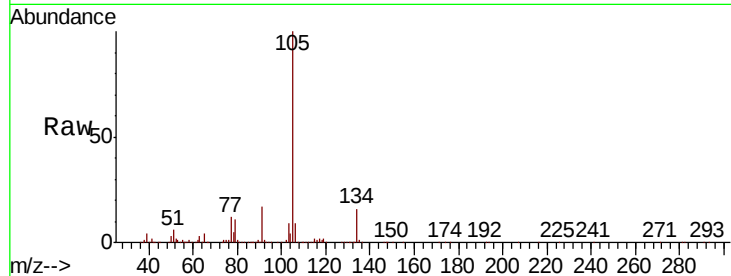
#67
 sec-Butylbenzene
 Concen: 2.138 ppbv
 RT: 17.29 min Scan# 4510
 Delta R.T. -0.00 min
 Lab File: VL037376.D
 Acq: 11 Aug 2021 3:04

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

Tot Ion	Ratio	Lower	Upper
105	100		
134	18.6	14.7	22.1

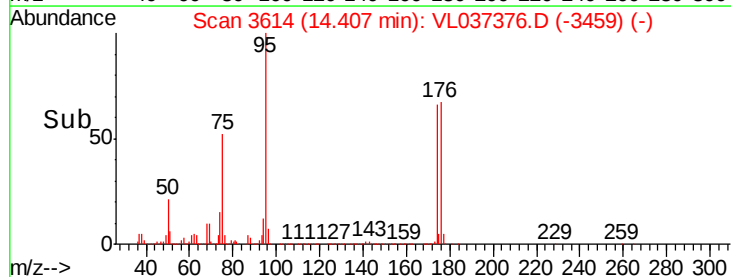
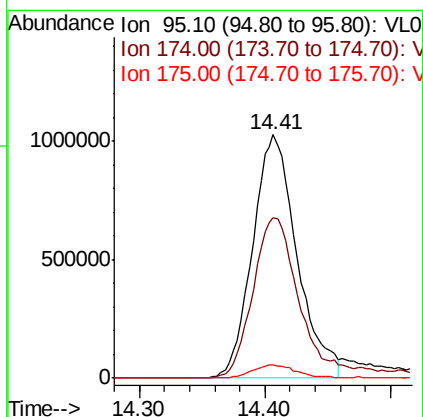
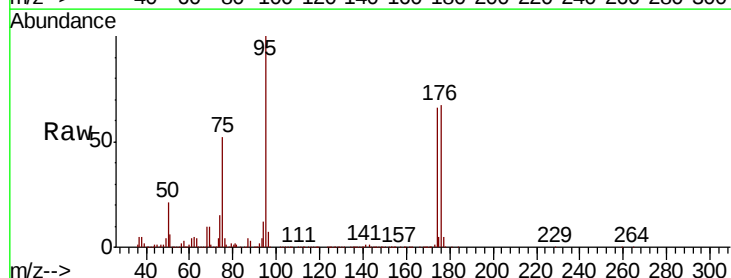
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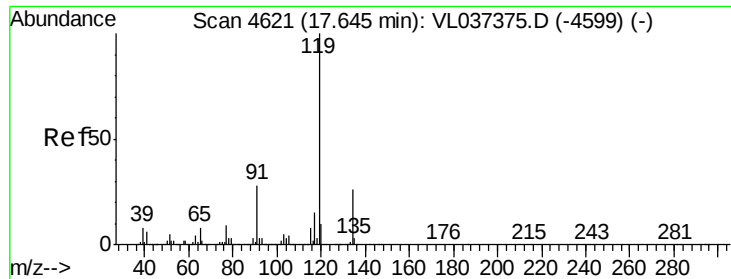
apatel
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#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.271 ppbv
 RT: 14.41 min Scan# 3614
 Delta R.T. -0.00 min
 Lab File: VL037376.D
 Acq: 11 Aug 2021 3:04

Tgt Ion	Ratio	Lower	Upper
95	100		
174	75.2	58.3	87.5
175	5.4	4.3	6.5





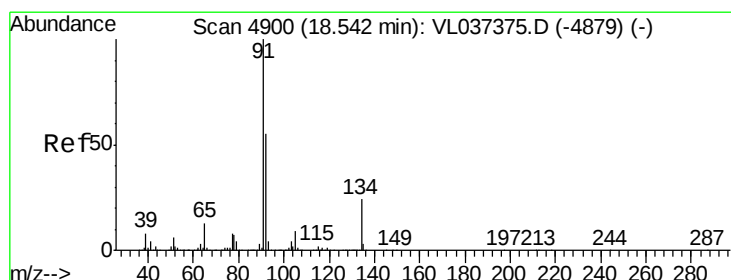
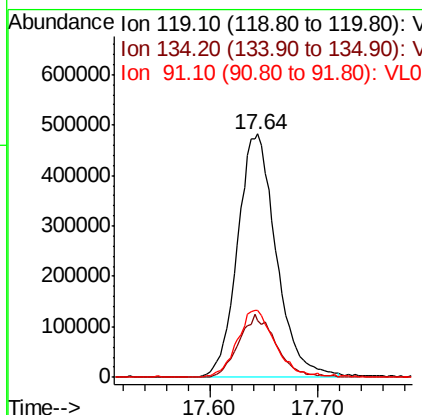
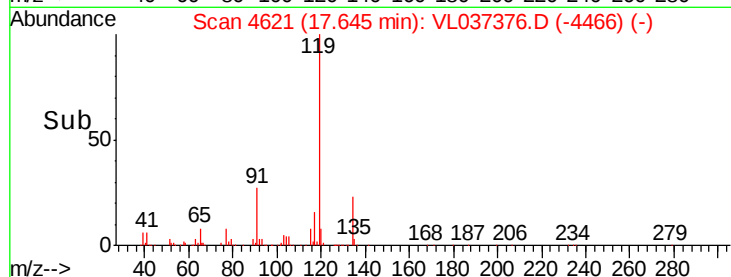
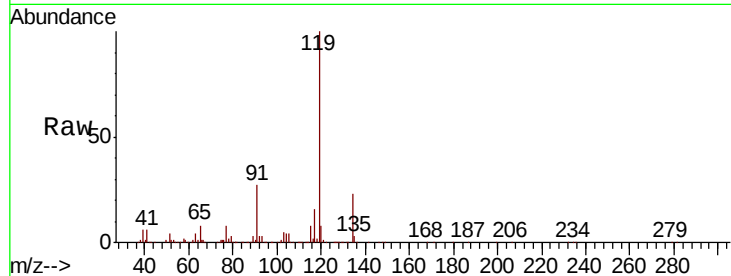
#69
p-Isopropyltoluene
Concen: 2.114 ppbv
RT: 17.64 min Scan# 4621
Delta R.T. -0.00 min
Lab File: VL037376.D
Acq: 11 Aug 2021 3:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.1	20.5	30.7
91	27.1	22.6	34.0

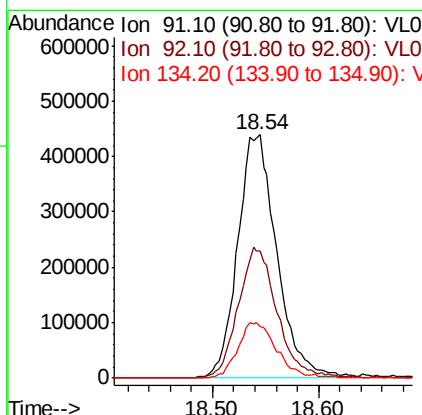
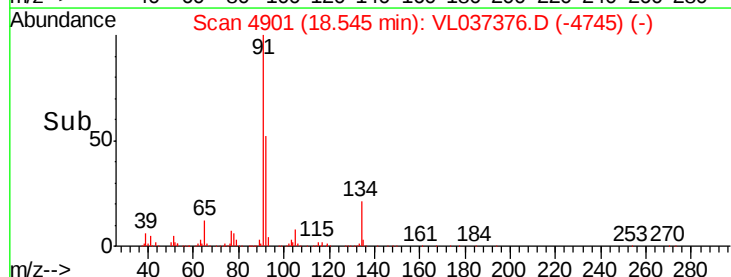
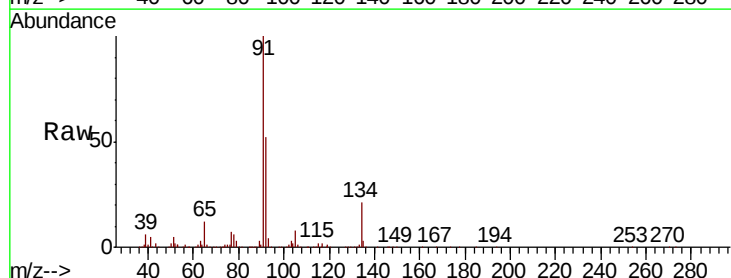
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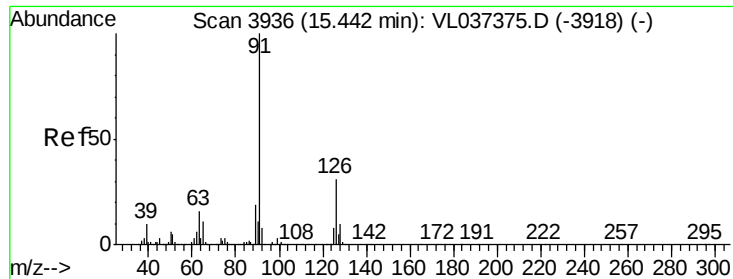
apatel
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#70
n-Butylbenzene
Concen: 2.118 ppbv m
RT: 18.54 min Scan# 4901
Delta R.T. 0.00 min
Lab File: VL037376.D
Acq: 11 Aug 2021 3:04

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.3	43.7	65.5
134	23.2	19.4	29.0





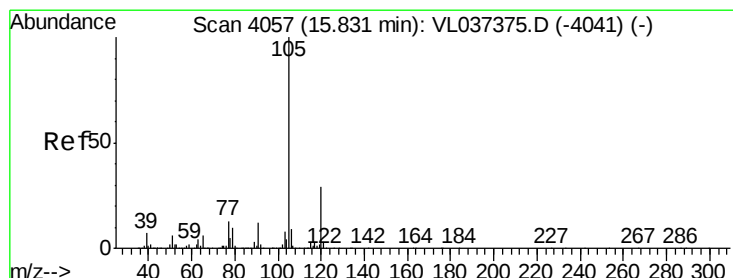
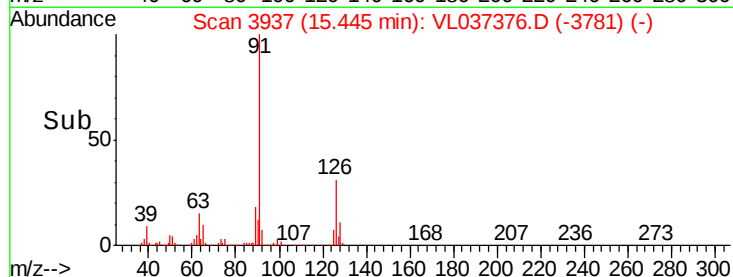
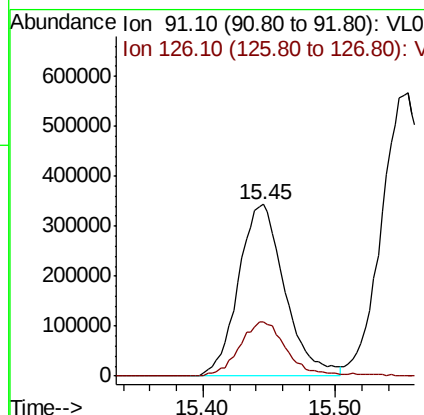
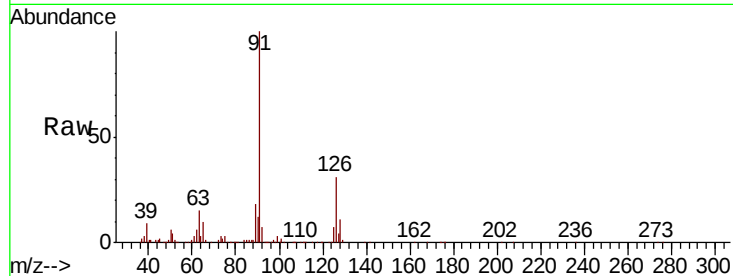
#71
 2-Chlorotoluene
 Concen: 2.087 ppbv
 RT: 15.45 min Scan# 3937
 Delta R.T. 0.00 min
 Lab File: VL037376.D
 Acq: 11 Aug 2021 3:04

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

Tot Ion: 91 Resp: 831762
 Ion Ratio Lower Upper
 91 100
 126 32.7 13.3 53.3

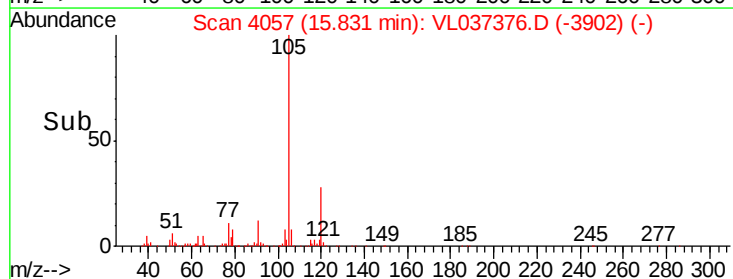
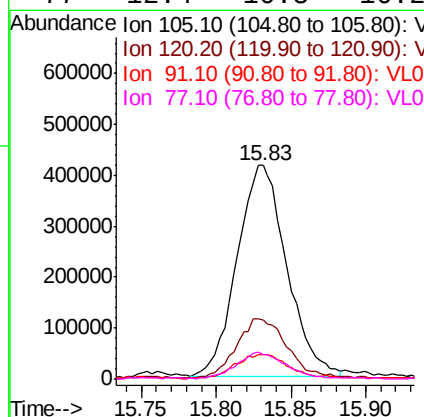
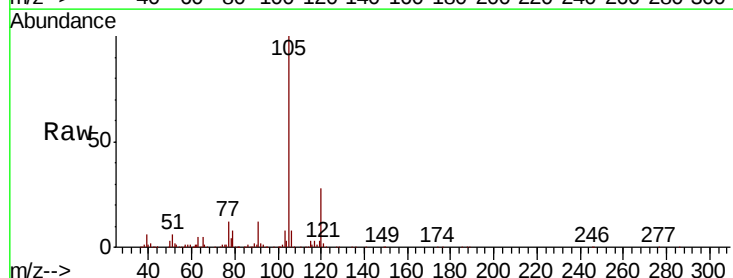
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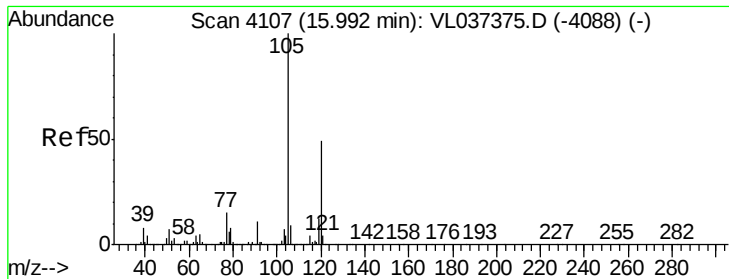
apatel
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#72
 4-Ethyltoluene
 Concen: 2.106 ppbv
 RT: 15.83 min Scan# 4057
 Delta R.T. -0.00 min
 Lab File: VL037376.D
 Acq: 11 Aug 2021 3:04

Tgt Ion: 105 Resp: 958612
 Ion Ratio Lower Upper
 105 100
 120 30.2 24.6 36.8
 91 12.2 9.8 14.6
 77 12.4 10.8 16.2





#73

1,3,5-Trimethylbenzene

Concen: 2.005 ppbv

RT: 15.99 min Scan# 4106

Delta R.T. -0.00 min

Lab File: VL037376.D

Acq: 11 Aug 2021 3:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

Tot Ion:105 Resp: 880804

Ion Ratio Lower Upper

105 100

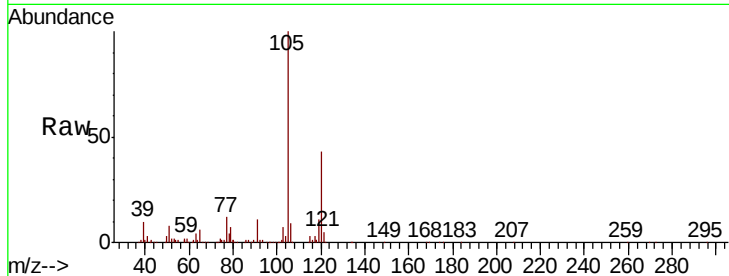
120 43.0 38.9 58.3

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Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

15.99

400000

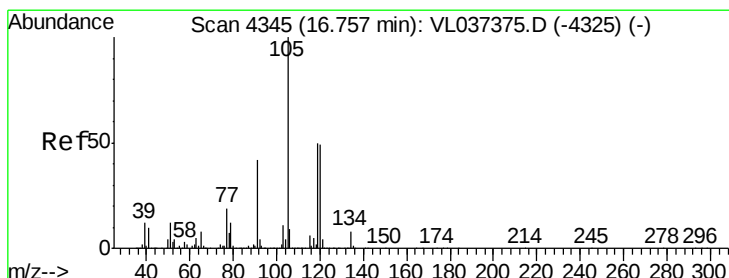
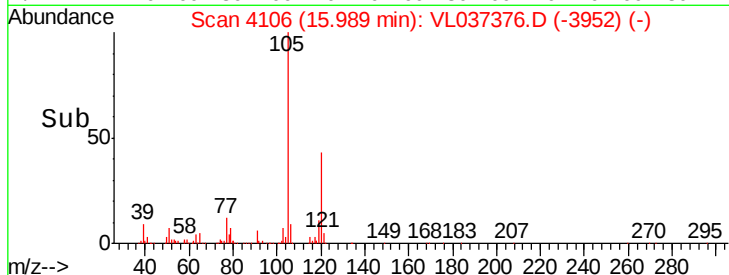
300000

200000

100000

0

Time-->



#74

1,2,4-Trimethylbenzene

Concen: 2.063 ppbv

RT: 16.75 min Scan# 4343

Delta R.T. -0.01 min

Lab File: VL037376.D

Acq: 11 Aug 2021 3:04

Tgt Ion:105 Resp: 932594

Ion Ratio Lower Upper

105 100

120 44.0 39.0 58.4

91 52.3 34.4 51.6#

77 21.3 15.7 23.5

Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

600000

500000

400000

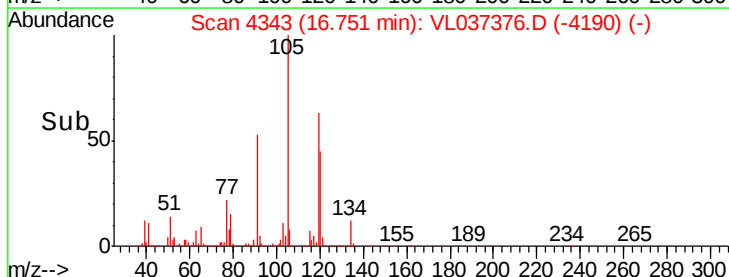
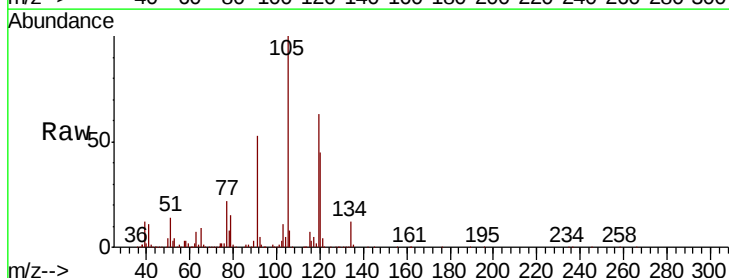
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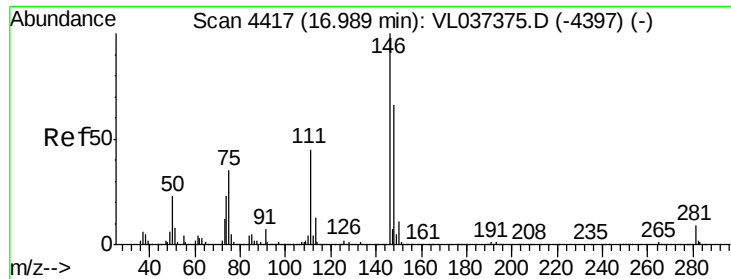
200000

100000

0

Time-->





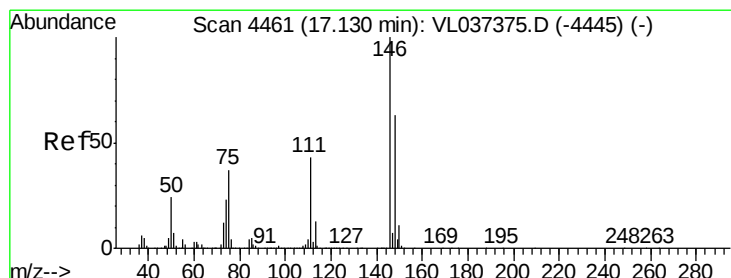
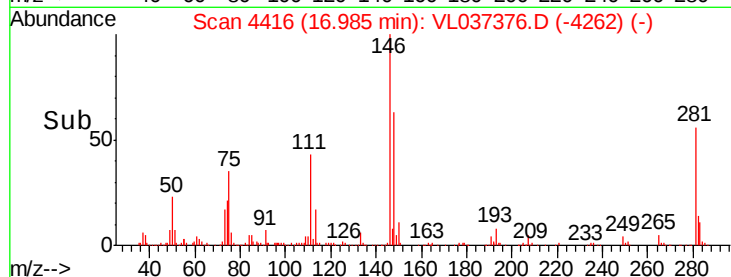
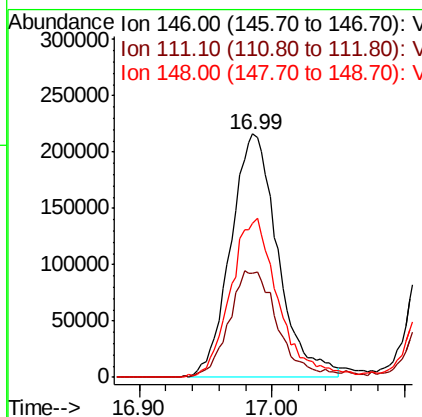
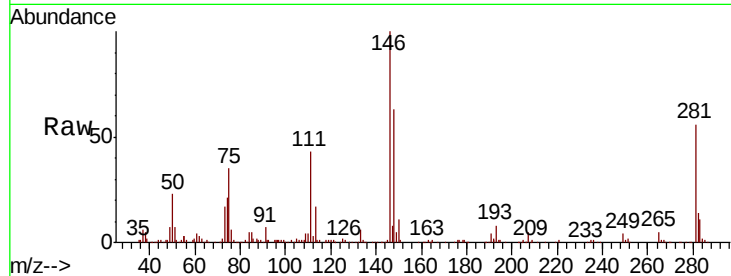
#75
1,3-Dichlorobenzene
Concen: 1.919 ppbv
RT: 16.99 min Scan# 4416
Delta R.T. -0.00 min
Lab File: VL037376.D
Acq: 11 Aug 2021 3:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tot Ion	Ratio	Lower	Upper
146	100		
111	46.2	22.9	68.7
148	66.9	31.8	95.3

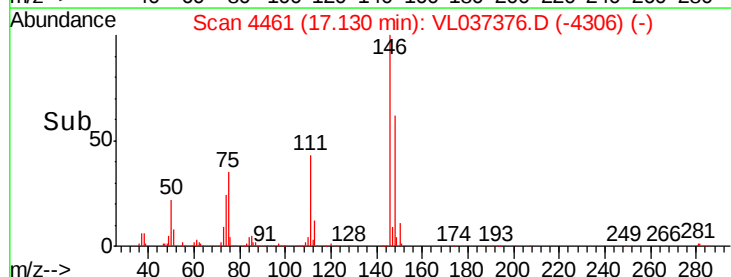
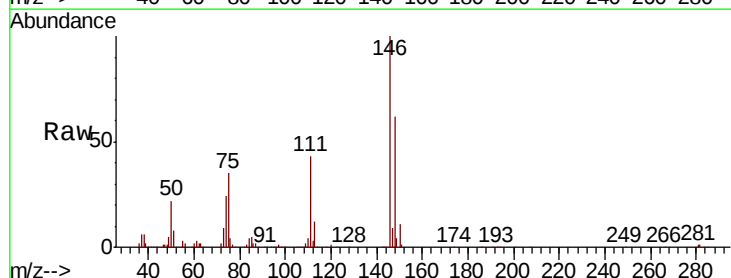
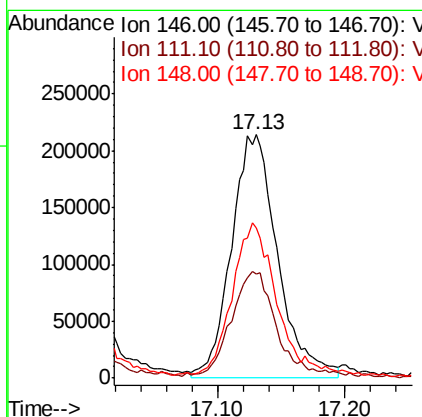
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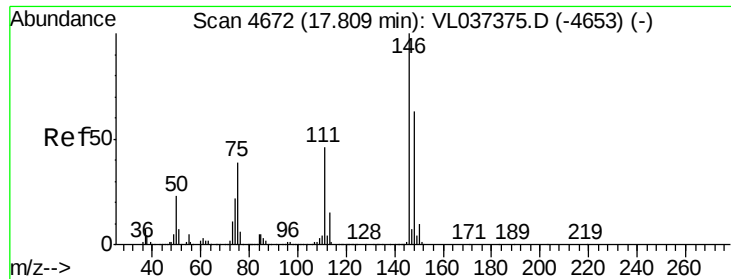
apatel
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#76
1,4-Dichlorobenzene
Concen: 1.976 ppbv m
RT: 17.13 min Scan# 4461
Delta R.T. -0.00 min
Lab File: VL037376.D
Acq: 11 Aug 2021 3:04

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.8	23.3	69.9
148	63.2	32.9	98.7





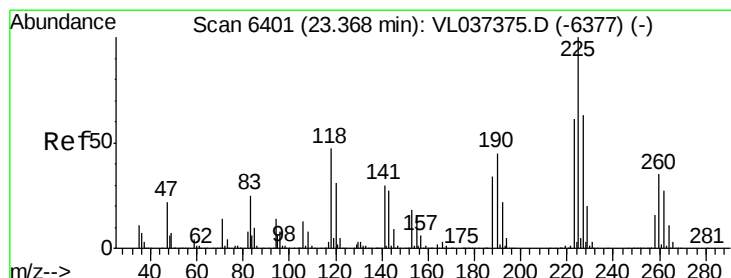
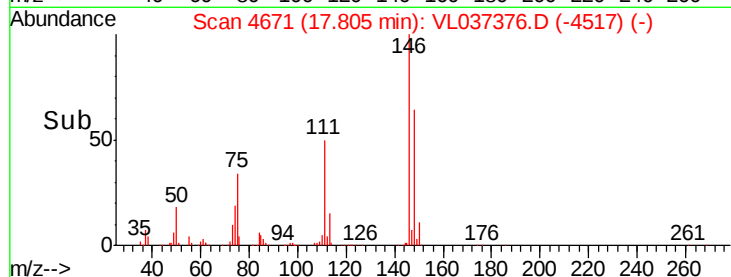
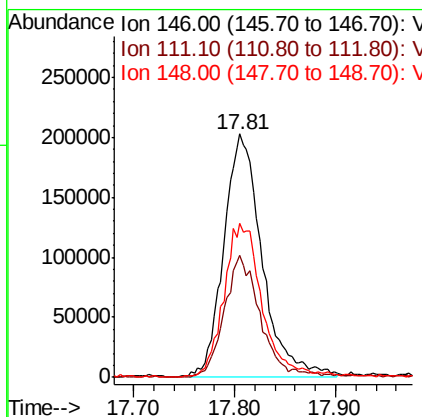
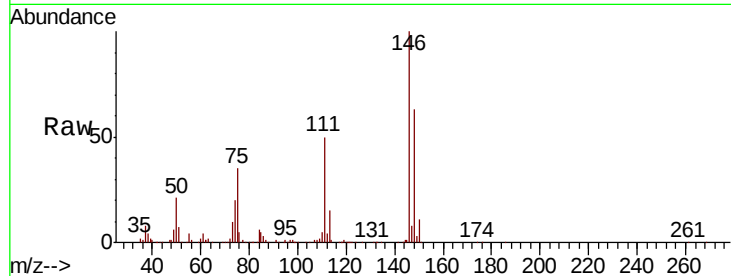
#77
 1,2-Dichlorobenzene
 Concen: 2.011 ppbv m
 RT: 17.81 min Scan# 4671
 Delta R.T. -0.00 min
 Lab File: VL037376.D
 Acq: 11 Aug 2021 3:04

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

Tot Ion	Ratio	Lower	Upper
146	100		
111	47.7	23.4	70.2
148	62.1	32.3	96.9

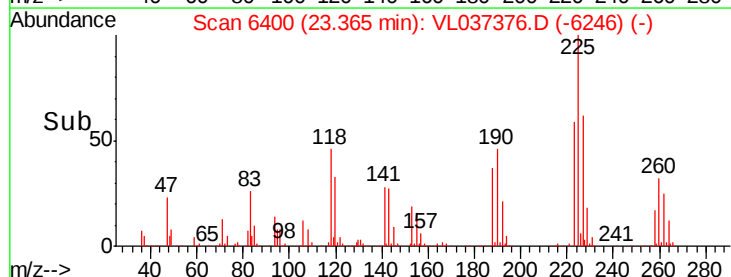
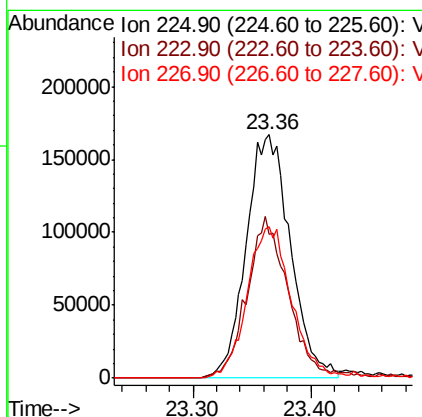
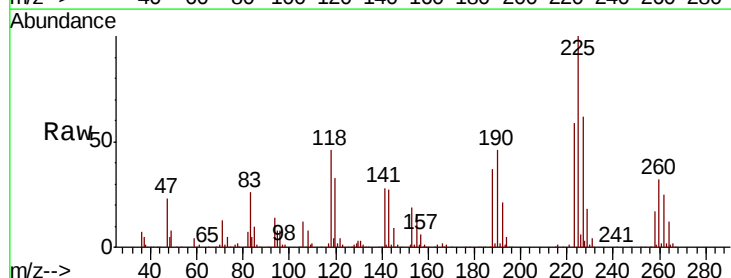
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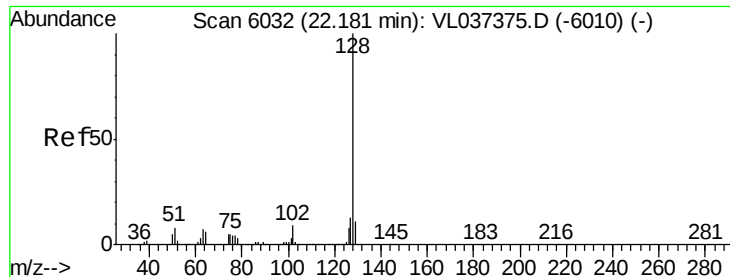
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#78
 Hexachloro-1,3-Butadiene
 Concen: 1.905 ppbv m
 RT: 23.36 min Scan# 6400
 Delta R.T. -0.00 min
 Lab File: VL037376.D
 Acq: 11 Aug 2021 3:04

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	51.8	77.8
227	63.9	52.3	78.5





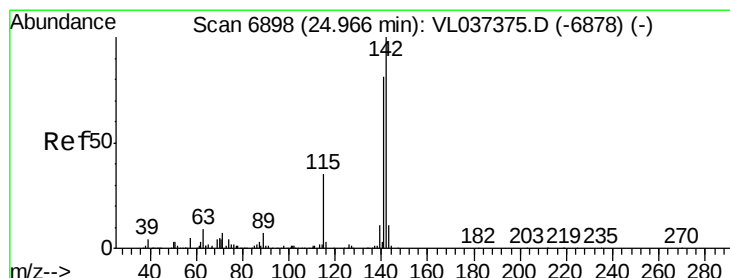
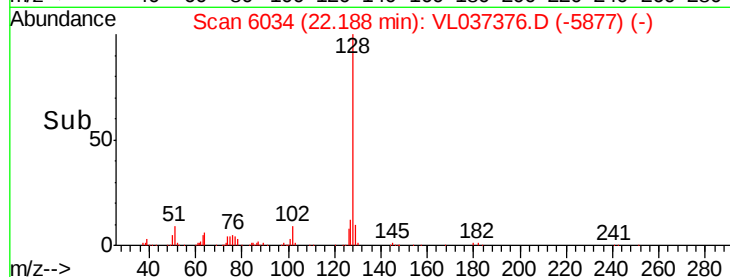
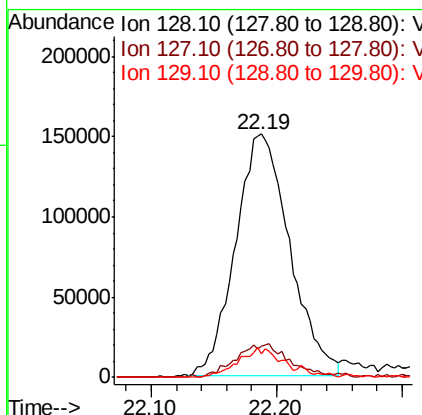
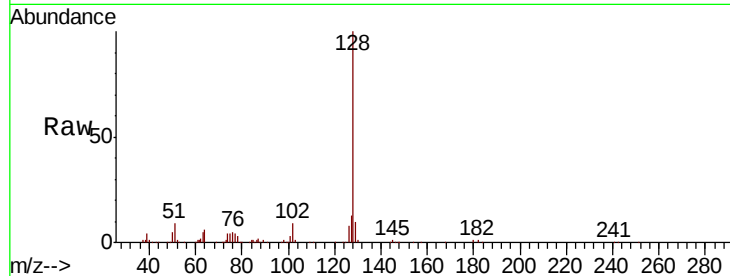
#79
Naphthalene
Concen: 1.254 ppbv
RT: 22.19 min Scan# 6034
Delta R.T. 0.01 min
Lab File: VL037376.D
Acq: 11 Aug 2021 3:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.6	15.8
129	9.3	9.0	13.4

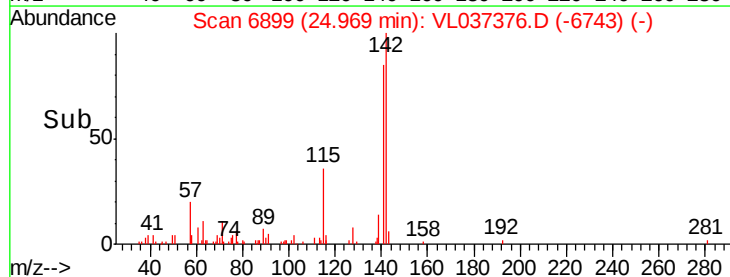
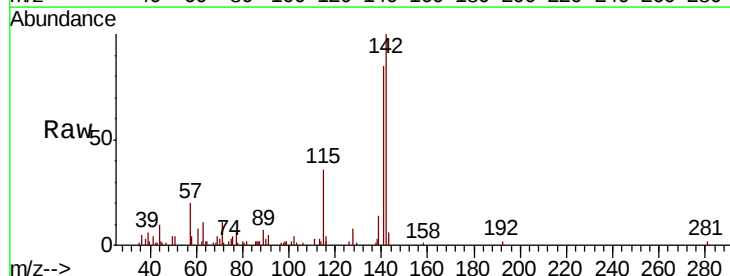
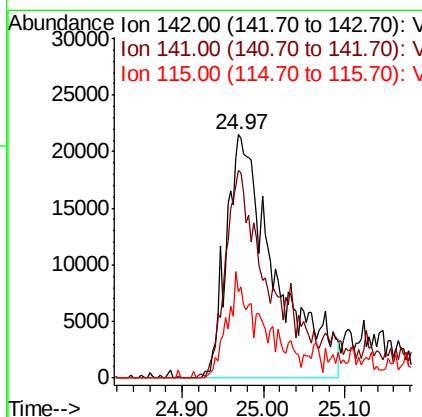
Manual Integrations
APPROVED

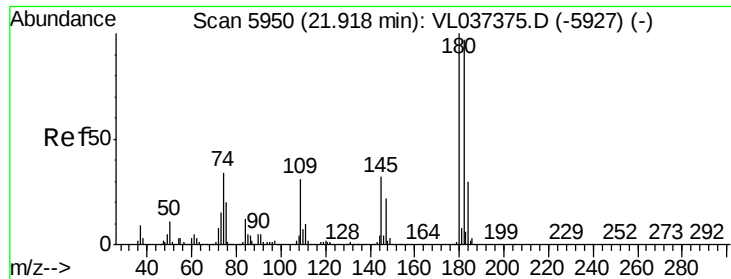
apatel
8/12/2021 10:16:35 AM



#80
Naphthalene, 2-methyl-
Concen: 1.040 ppbv
RT: 24.97 min Scan# 6899
Delta R.T. 0.00 min
Lab File: VL037376.D
Acq: 11 Aug 2021 3:04

Tgt Ion	Ratio	Lower	Upper
142	100		
141	63.1	73.3	109.9#
115	26.4	31.2	46.8#





#81
 1,2,4-Trichlorobenzene
 Concen: 1.555 ppbv m
 RT: 21.91 min Scan# 5949
 Delta R.T. -0.00 min
 Lab File: VL037376.D
 Acq: 11 Aug 2021 3:04

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

Tot Ion:	180	Resp:	329481
Ion Ratio	Lower	Upper	
180	100		
182	96.9	76.9	115.3
184	30.2	24.6	36.8

Manual Integrations
 APPROVED

apatel
 8/12/2021 10:16:35 AM

