

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081221\
 Data File : VL037429.D
 Acq On : 13 Aug 2021 1:19
 Operator : SY/AP
 Sample : M3211-01REDL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SVP-1REDL

Manual Integrations
 APPROVED

apatel
 8/13/2021 3:03:15 PM

Quant Time: Aug 13 12:12:40 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081221AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 13 2021
 QLast Update : Fri Aug 13 01:37:35 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1270429	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3827466	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3139006	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.41	95	2230536	9.91	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.08	85	478	0.002	ppbv	93
4) Chloromethane	3.13	50	595	0.007	ppbv	98
5) Vinyl Chloride	3.05	62	144	0.001	ppbv #	1
6) Bromomethane	3.60	94	136	0.003	ppbv #	4
7) Chloroethane	3.55	64	127	0.004	ppbv #	40
8) Dichlorotetrafluoroethane	3.19	85	316	0.001	ppbv #	13
9) Propene	3.02	41	18268m	0.218	ppbv	
10) Heptane	8.11	43	1818	0.009	ppbv #	27
11) Trichlorofluoromethane	3.93	101	202	0.001	ppbv	100
12) 1,1,2-Trichlorotrifluoroet	4.28	101	128	0.001	ppbv	91
13) Ethanol	3.62	45	32198m	3.601	ppbv	
14) Bromoethene	3.76	108	91	0.001	ppbv #	1
15) Acetone	3.85	43	378761	2.811	ppbv #	86
16) 1,3-Butadiene	3.31	39	1059	0.012	ppbv #	11
17) tert-Butyl alcohol	4.30	59	126	0.001	ppbv #	72
18) 1,1-Dichloroethene	4.29	96	82	0.001	ppbv #	77
19) Isopropyl Alcohol	3.96	45	552	0.007	ppbv #	92
20) Methylene Chloride	4.34	84	476399	6.687	ppbv	99
21) Allvl Chloride	4.40	41	802	0.008	ppbv #	20
22) trans-1,2-Dichloroethene	4.89	96	91	0.001	ppbv #	1
24) 1,1-Dichloroethane	5.00	63	330	0.002	ppbv #	89
26) Hexane	5.68	57	371639	2.243	ppbv #	47
27) Carbon Disulfide	4.55	76	798	0.006	ppbv #	64
28) Methyl tert-Butyl Ether	5.02	73	63	0.000	ppbv #	52
29) Chloroform	5.78	83	1345	0.006	ppbv	85
30) Cyclohexane	7.13	84	2183	0.016	ppbv #	1
31) cis-1,2-Dichloroethene	5.55	61	134	0.001	ppbv #	22
32) 1,1,1-Trichloroethane	6.50	97	24009m	0.102	ppbv	
34) 2-Butanone	5.25	43	135909m	0.860	ppbv	
35) Carbon Tetrachloride	7.02	117	398	0.002	ppbv #	81
36) Benzene	6.88	78	5700	0.018	ppbv #	72
37) 1,2-Dichloroethane	6.30	62	328	0.002	ppbv #	80
38) Trichloroethene	7.83	130	31406m	0.220	ppbv	
40) 1,4-Dioxane	7.83	88	265	0.009	ppbv #	100
41) Tetrahydrofuran	6.05	42	267892m	3.692	ppbv	
42) Bromodichloromethane	7.78	83	182	0.001	ppbv #	70
43) Methyl Methacrylate	8.03	69	95	0.001	ppbv #	1
44) 2,2,4-Trimethylpentane	7.86	57	3071	0.006	ppbv #	1
45) t-1,3-Dichloropropene	9.26	75	130	0.002	ppbv #	44
46) cis-1,3-Dichloropropene	8.70	75	91	0.001	ppbv #	27
47) 1,1,2-Trichloroethane	9.48	97	114	0.001	ppbv #	14

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Quant Time: Aug 13 12:12:40 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081221AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 13 2021
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

48) Dibromochloromethane	10.43	129	121	0.001	ppbv	83
49) Bromoform	13.04	173	67	0.000	ppbv #	37
50) 4-Methyl-2-Pentanone	8.74	43	457	0.002	ppbv #	38
51) 2-Hexanone	10.15	43	418	0.004	ppbv #	28
52) Tetrachloroethene	11.22	164	209359m	1.540	ppbv	
53) Toluene	9.80	91	205745	0.558	ppbv	100
54) 1,2-Dibromoethane	10.59	107	91	0.001	ppbv #	1
56) 1,1,1,2-Tetrachloroethane	12.07	131	35	0.000	ppbv #	1
57) Chlorobenzene	12.13	112	189	0.001	ppbv #	1
58) Ethyl Benzene	12.99	91	7831	0.018	ppbv	89
59) m/p-Xylene	12.96	91	34735m	0.093	ppbv	
60) o-Xylene	13.68	91	8383	0.024	ppbv #	29
61) Styrene	13.53	104	325	0.002	ppbv #	1
62) Isopropylbenzene	14.97	105	183	0.000	ppbv	97
63) 1,1,2,2-Tetrachloroethane	13.67	83	303	0.001	ppbv #	6
64) n-propylbenzene	15.55	120	267	0.002	ppbv	72
65) tert-Butylbenzene	16.76	119	251	0.001	ppbv #	1
66) Benzyl Chloride	16.98	91	162	0.008	ppbv #	1
67) sec-Butylbenzene	17.27	105	168	0.000	ppbv #	58
69) p-Isopropyltoluene	17.64	119	387	0.001	ppbv #	1
70) n-Butylbenzene	18.54	91	383	0.001	ppbv #	1
71) 2-Chlorotoluene	15.35	91	565	0.002	ppbv	71
72) 4-Ethyltoluene	15.83	105	1650	0.004	ppbv #	16
73) 1,3,5-Trimethylbenzene	15.98	105	1125	0.003	ppbv #	79
74) 1,2,4-Trimethylbenzene	16.75	105	3974	0.010	ppbv #	68
75) 1,3-Dichlorobenzene	16.98	146	875	0.004	ppbv #	23
76) 1,4-Dichlorobenzene	17.13	146	397	0.002	ppbv #	1
77) 1,2-Dichlorobenzene	17.78	146	69	0.000	ppbv #	1
78) Hexachloro-1,3-Butadiene	23.37	225	89	0.000	ppbv	87
79) Naphthalene	22.17	128	327	0.002	ppbv #	69
80) Naphthalene,2-methyl-	24.97	142	98	0.002	ppbv #	11
81) 1,2,4-Trichlorobenzene	21.94	180	204	0.001	ppbv #	60

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

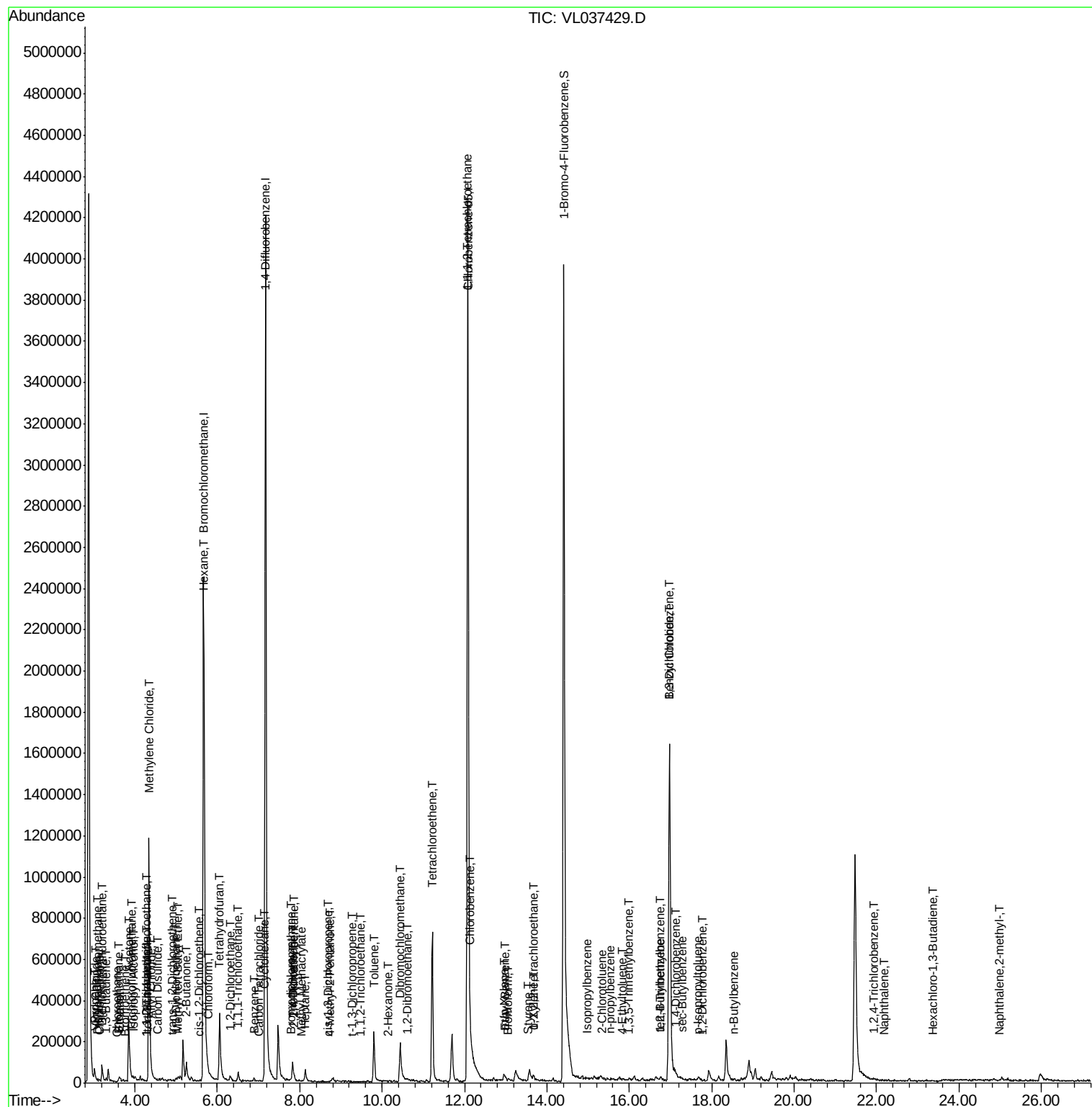
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL081221\
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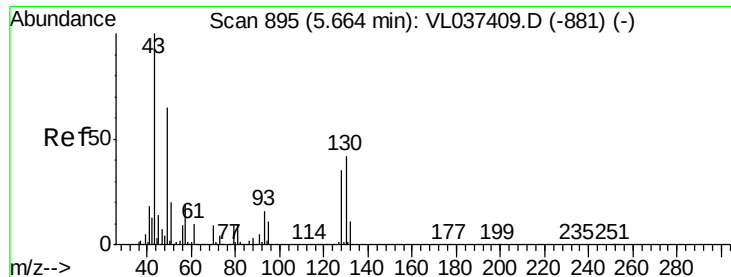
Instrument :
MSVOA_L
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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 894

Delta R.T. -0.00 min

Lab File: VL037429.D

Acq: 13 Aug 2021 1:19

Instrument :

MSVOA_L

ClientSampled :

SVP-1REDL

Tot Ion: 49 Resp: 1270429

Ion Ratio Lower Upper

49 100

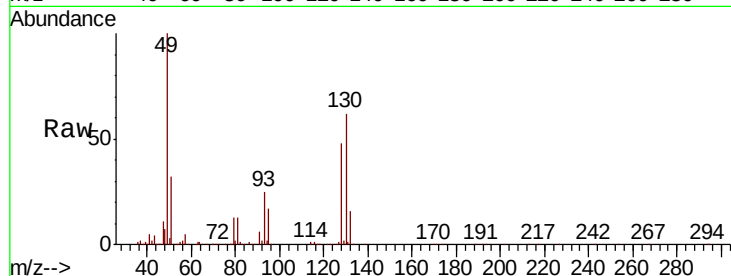
128 55.0 27.9 83.6

130 70.7 34.6 103.8

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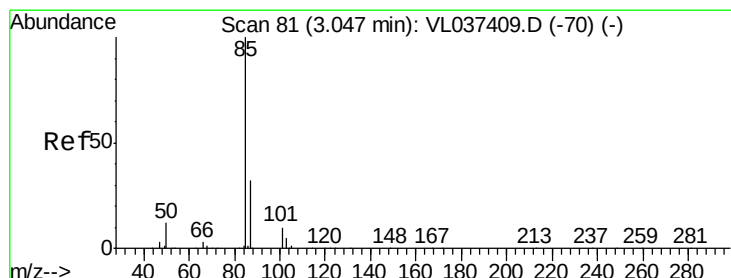
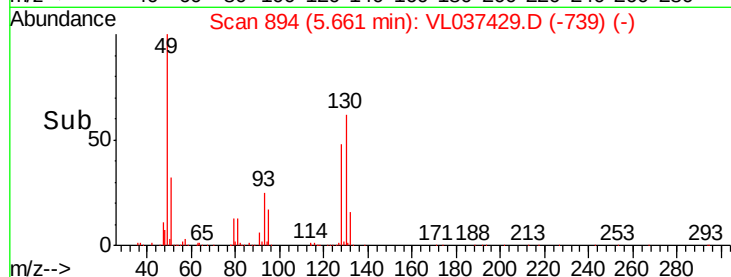
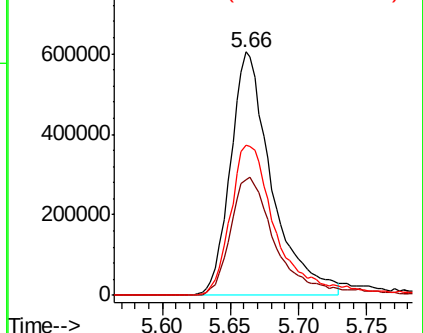
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 0.002 ppbv

RT: 3.08 min Scan# 90

Delta R.T. 0.03 min

Lab File: VL037429.D

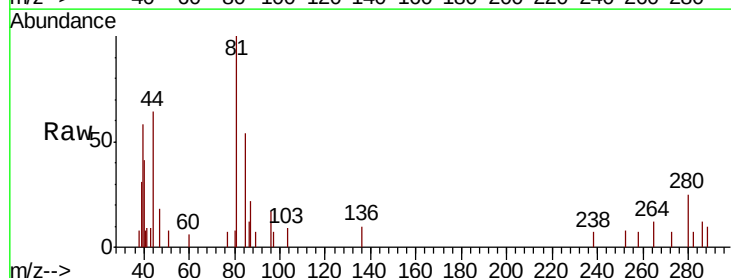
Acq: 13 Aug 2021 1:19

Tgt Ion: 85 Resp: 478

Ion Ratio Lower Upper

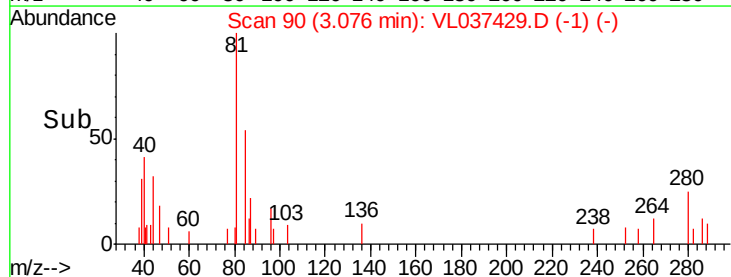
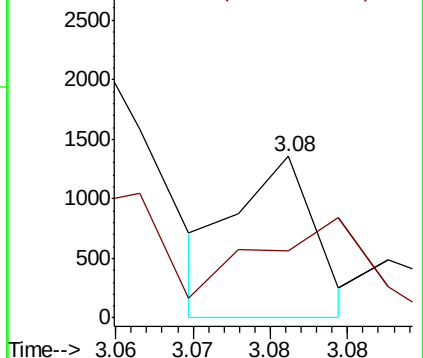
85 100

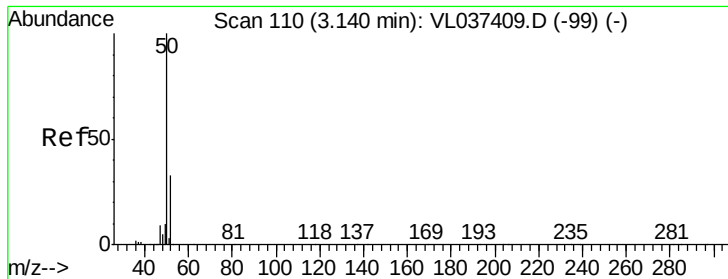
87 35.8 25.7 38.5



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#4

Chloromethane

Concen: 0.007 ppbv

RT: 3.13 min Scan# 108

Delta R.T. -0.01 min

Lab File: VL037429.D

Acq: 13 Aug 2021 1:19

Instrument :

MSVOA_L

ClientSampleId :

SVP-1REDL

Tot Ion: 50 Resp: 595

Ion Ratio Lower Upper

50 100

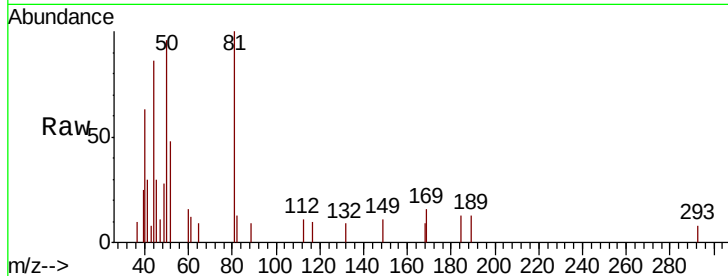
52 33.8 26.2 39.4

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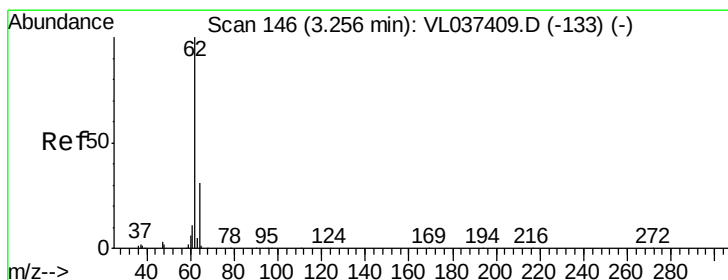
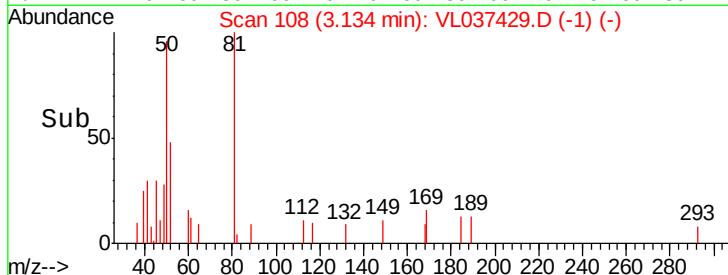
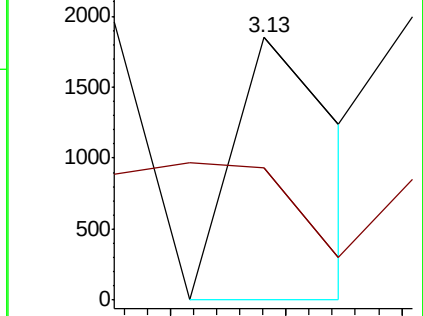
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Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0



#5

Vinyl Chloride

Concen: 0.001 ppbv

RT: 3.05 min Scan# 82

Delta R.T. -0.21 min

Lab File: VL037429.D

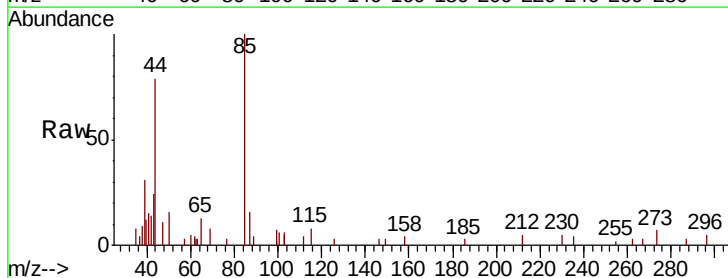
Acq: 13 Aug 2021 1:19

Tgt Ion: 62 Resp: 144

Ion Ratio Lower Upper

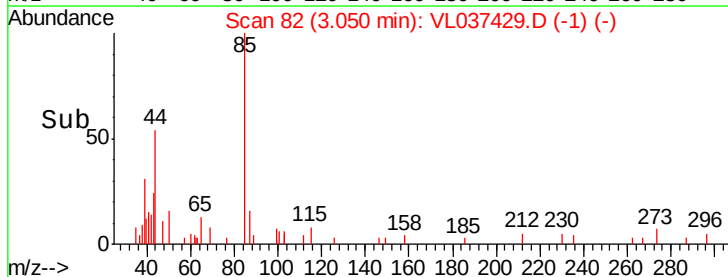
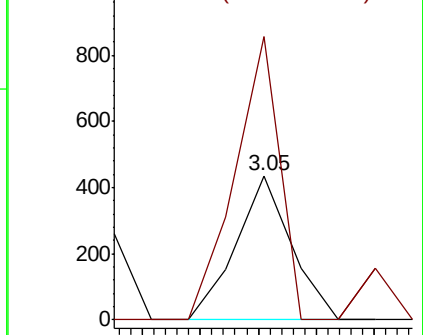
62 100

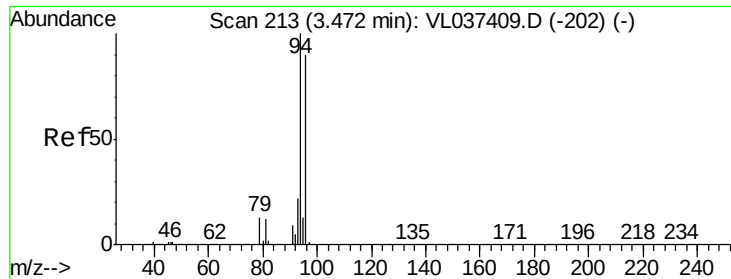
64 196.3 25.0 37.6#



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0





#6

Bromomethane

Concen: 0.003 ppbv

RT: 3.60 min Scan# 252

Delta R.T. 0.13 min

Lab File: VL037429.D

Acq: 13 Aug 2021 1:19

Instrument :

MSVOA_L

ClientSampleId :

SVP-1REDL

Tot Ion: 94 Resp: 136

Ion Ratio Lower Upper

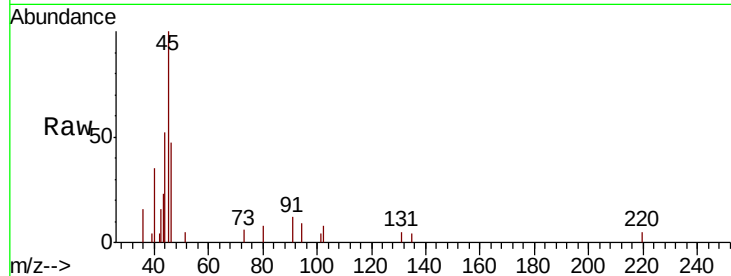
94 100

96 0.0 72.2 108.4#

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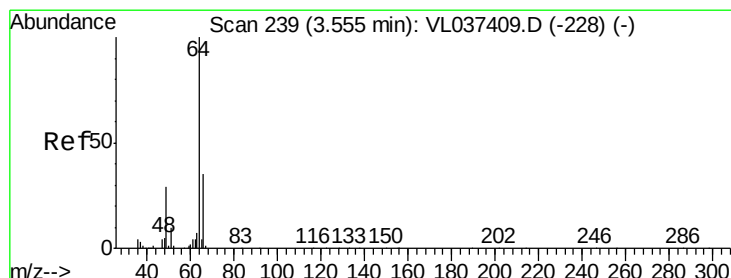
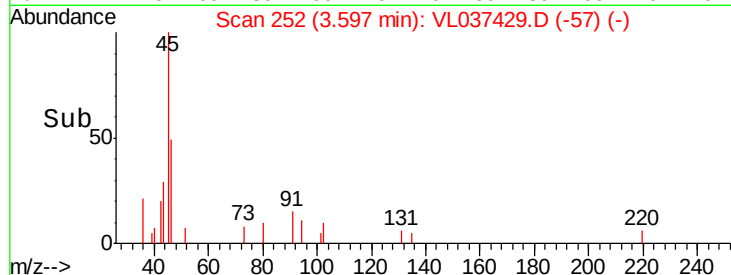
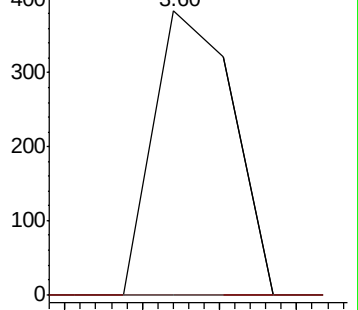
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Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0



#7

Chloroethane

Concen: 0.004 ppbv

RT: 3.55 min Scan# 236

Delta R.T. -0.01 min

Lab File: VL037429.D

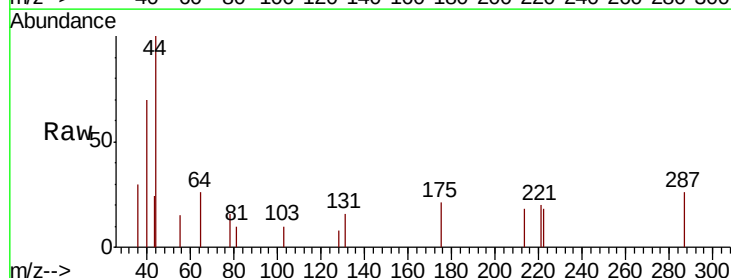
Acq: 13 Aug 2021 1:19

Tgt Ion: 64 Resp: 127

Ion Ratio Lower Upper

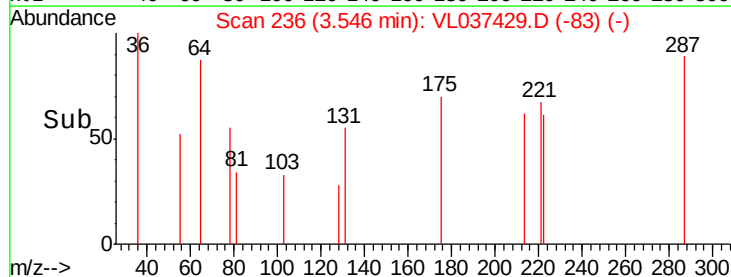
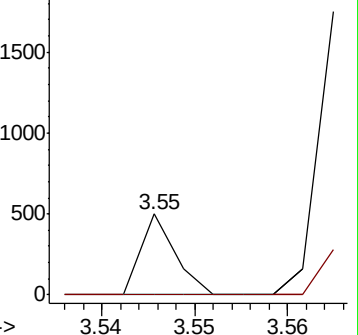
64 100

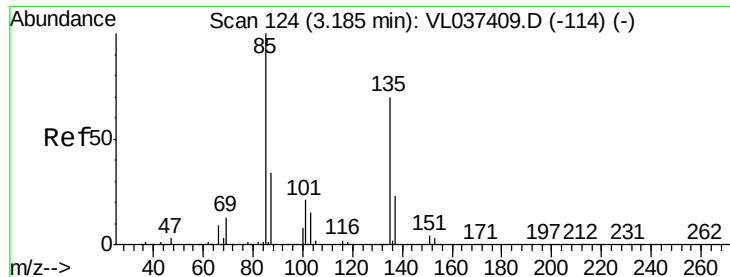
66 0.0 27.8 41.8#



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0





#8

Dichlorotetrafluoroethane

Concen: 0.001 ppbv

RT: 3.19 min Scan# 124

Delta R.T. 0.00 min

Lab File: VL037429.D

Acq: 13 Aug 2021 1:19

Instrument :

MSVOA_L

ClientSampleId :

SVP-1REDL

Tot Ion: 85 Resp: 316

Ion Ratio Lower Upper

85 100

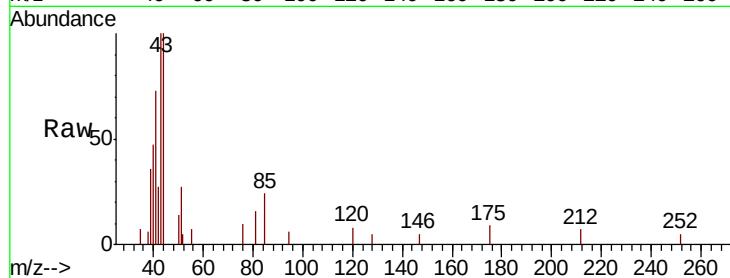
135 0.0 58.6 88.0#

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Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V

3.19

800

600

400

200

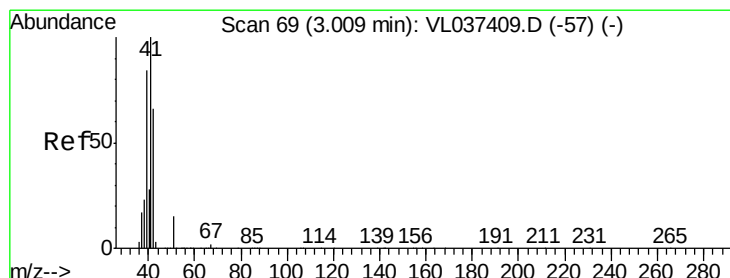
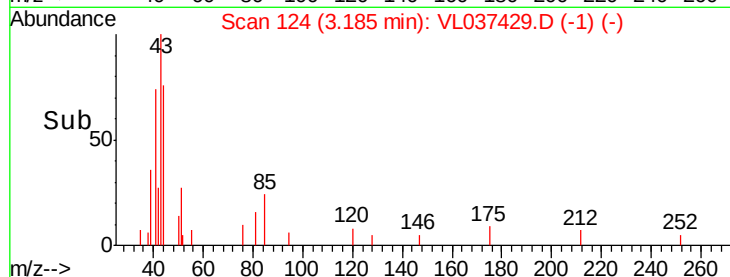
0

3.17

3.18

3.19

Time-->



#9

Propene

Concen: 0.218 ppbv m

RT: 3.02 min Scan# 71

Delta R.T. 0.01 min

Lab File: VL037429.D

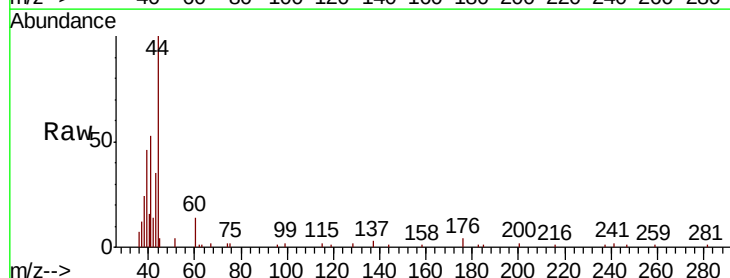
Acq: 13 Aug 2021 1:19

Tgt Ion: 41 Resp: 18268

Ion Ratio Lower Upper

41 100

42 0.0 53.8 80.8#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

3.02

10000

8000

6000

4000

2000

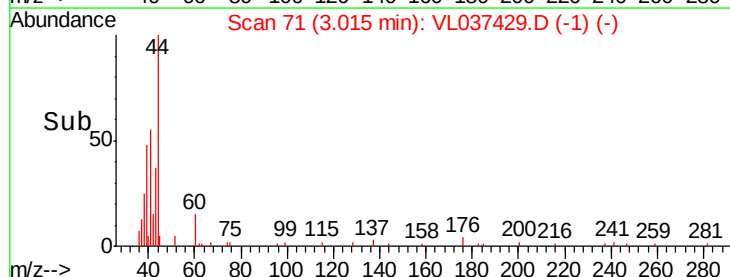
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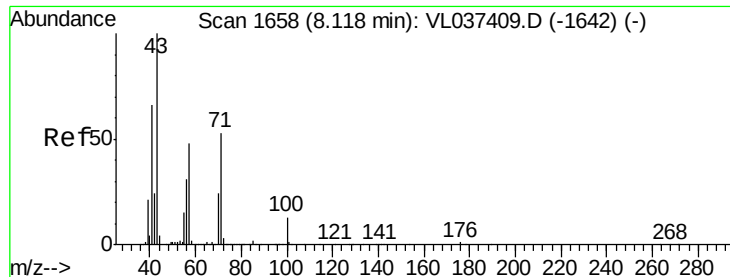
2.95

3.00

3.05

Time-->





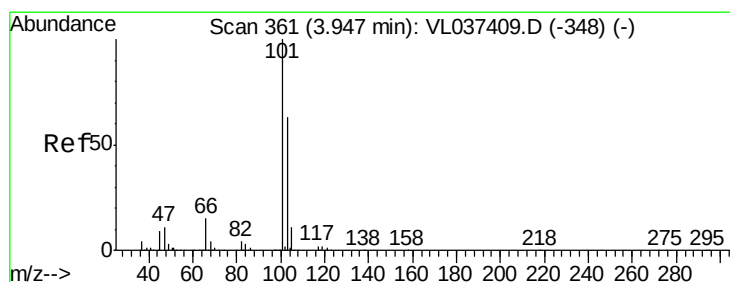
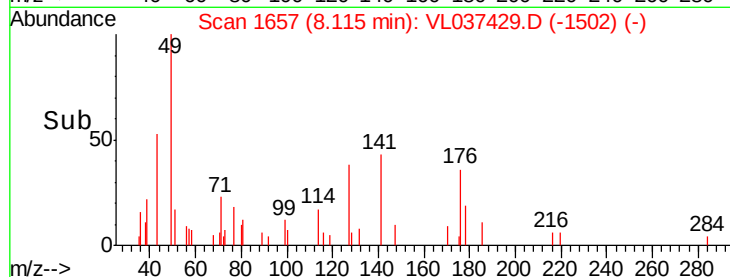
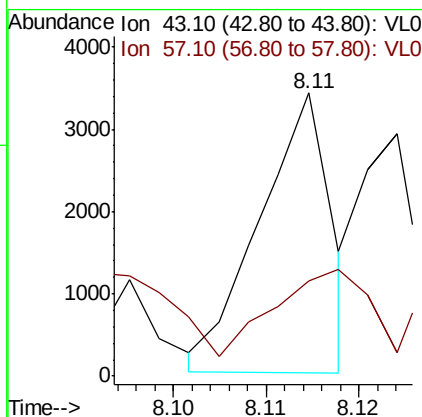
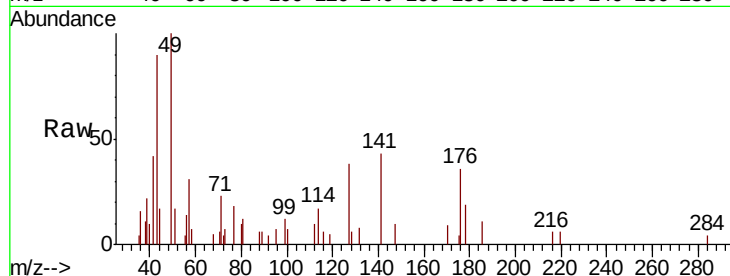
#10
Heptane
Concen: 0.009 ppbv
RT: 8.11 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VL037429.D
Acq: 13 Aug 2021 1:19

Instrument :
MSVOA_L
ClientSampled :
SVP-1REDL

Tot Ion: 43 Resp: 1818
Ion Ratio Lower Upper
43 100
57 0.0 40.3 60.5#

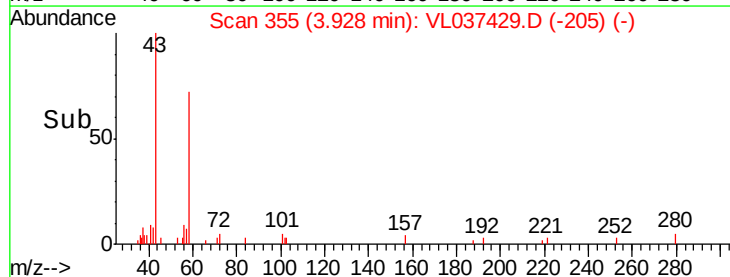
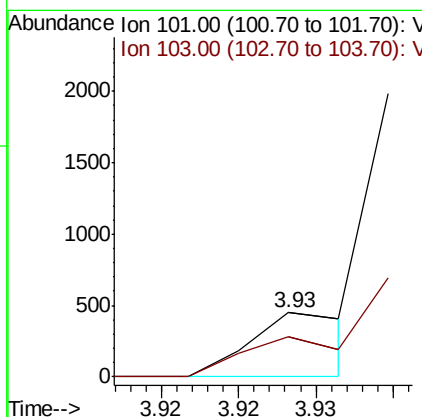
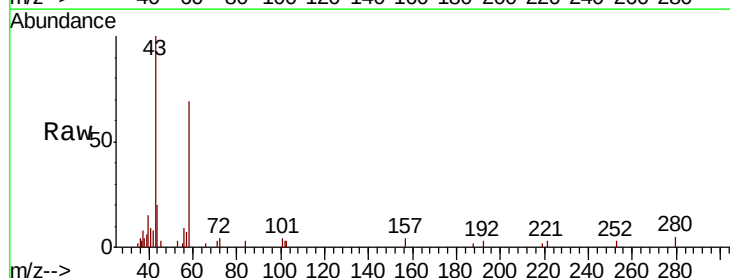
Manual Integrations
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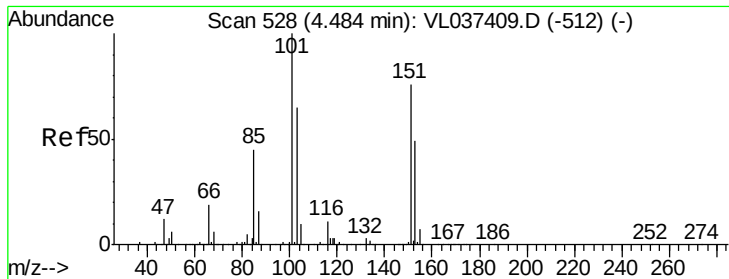
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#11
Trichlorofluoromethane
Concen: 0.001 ppbv
RT: 3.93 min Scan# 355
Delta R.T. -0.02 min
Lab File: VL037429.D
Acq: 13 Aug 2021 1:19

Tgt Ion: 101 Resp: 202
Ion Ratio Lower Upper
101 100
103 62.6 50.2 75.4





#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.001 ppbv

RT: 4.28 min Scan# 463

Delta R.T. -0.21 min

Lab File: VL037429.D

Acq: 13 Aug 2021 1:19

Instrument :

MSVOA_L

ClientSampled :

SVP-1REDL

Tot Ion:101 Resp: 128

Ion Ratio Lower Upper

101 100

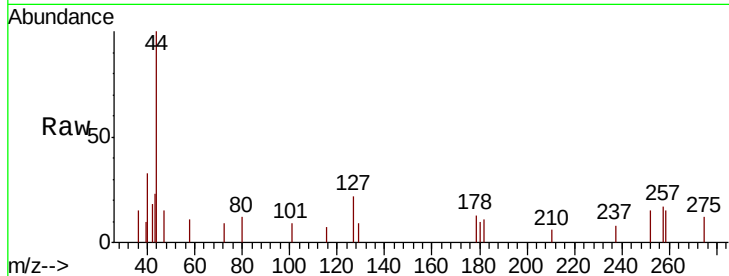
151 84.4 61.2 91.8

Manual Integrations

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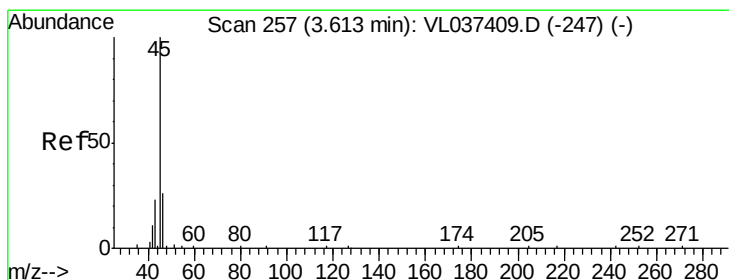
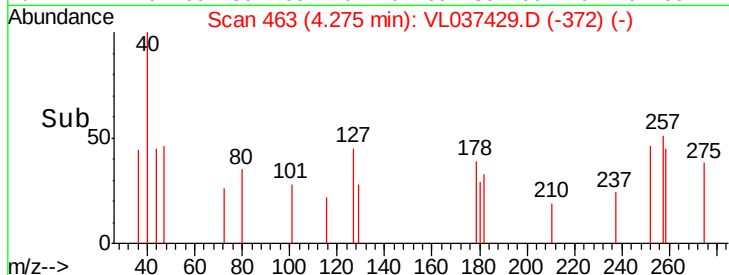
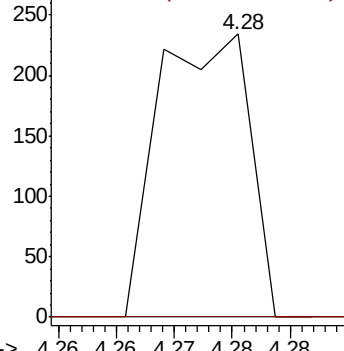
apatel

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Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V



#13

Ethanol

Concen: 3.601 ppbv m

RT: 3.62 min Scan# 260

Delta R.T. 0.01 min

Lab File: VL037429.D

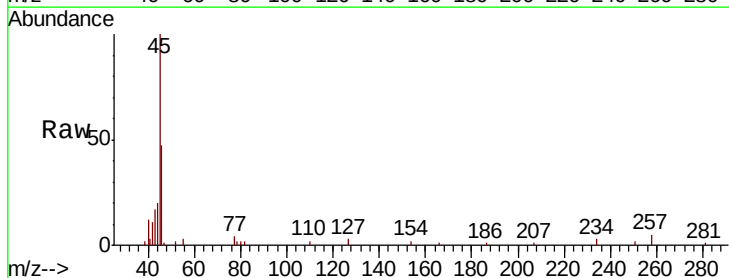
Acq: 13 Aug 2021 1:19

Tgt Ion: 45 Resp: 32198

Ion Ratio Lower Upper

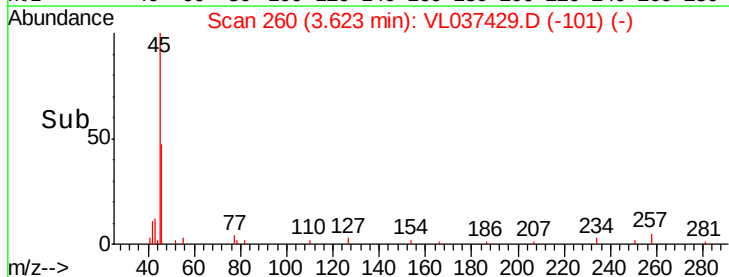
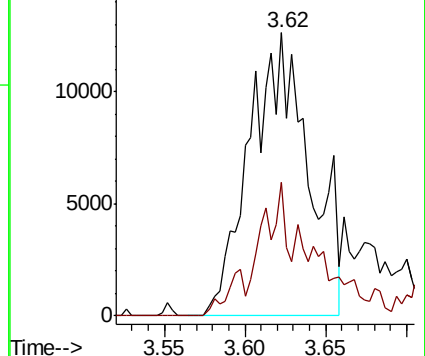
45 100

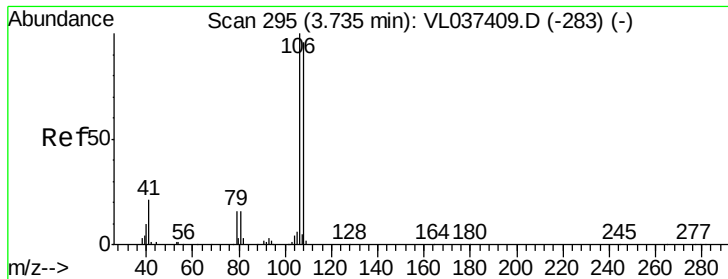
46 0.0 18.0 72.2#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





#14

Bromoethene

Concen: 0.001 ppbv

RT: 3.76 min Scan# 303

Delta R.T. 0.03 min

Lab File: VL037429.D

Acq: 13 Aug 2021 1:19

Instrument :

MSVOA_L

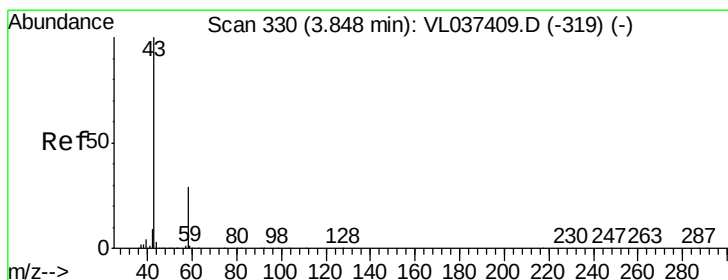
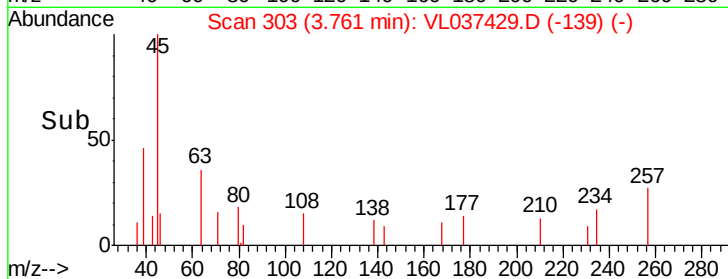
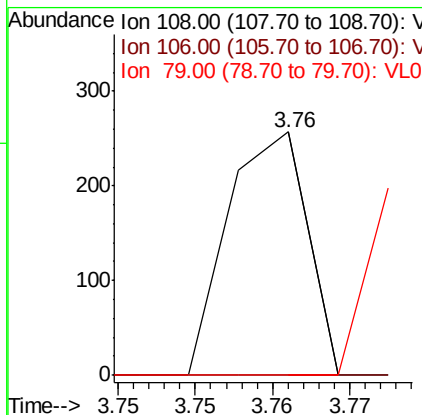
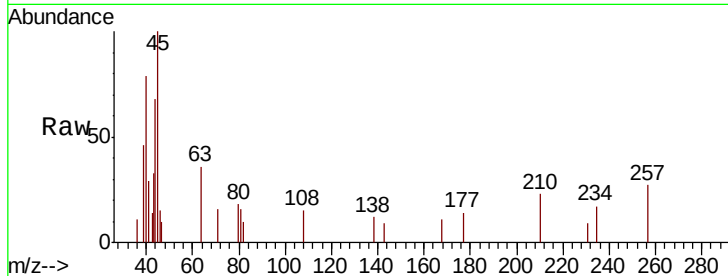
ClientSampleId :

SVP-1REDL

Tot Ion:	108	Resp:	91
Ion Ratio	Lower	Upper	
108	100		
106	0.0	87.5	131.3#
79	271.4	13.5	20.3#

Manual Integrations
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#15

Acetone

Concen: 2.811 ppbv

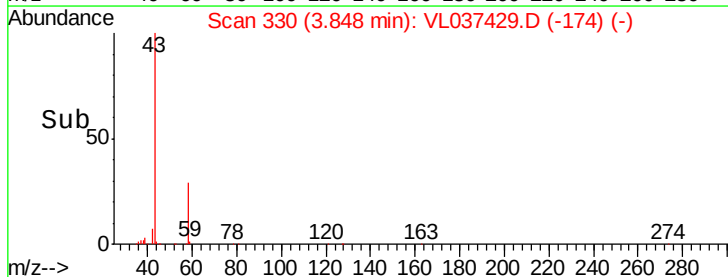
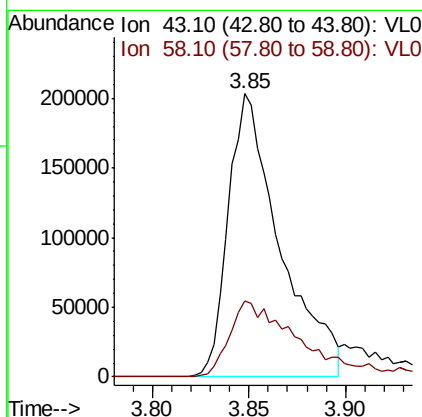
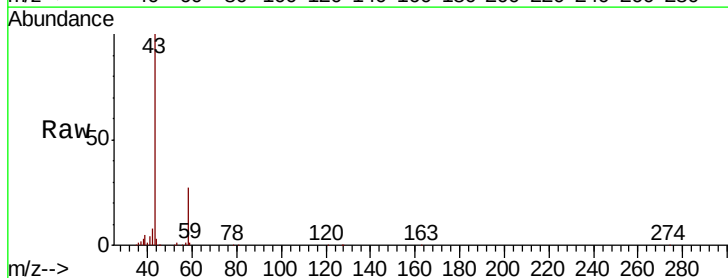
RT: 3.85 min Scan# 330

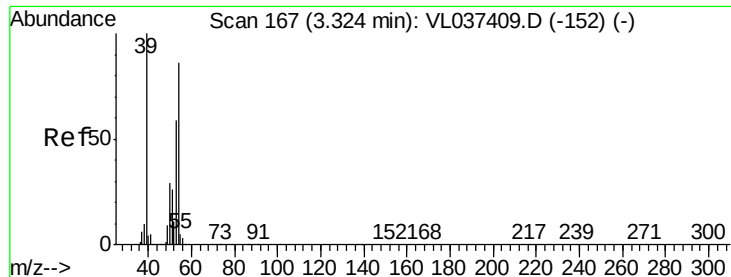
Delta R.T. 0.00 min

Lab File: VL037429.D

Acq: 13 Aug 2021 1:19

Tgt Ion:	43	Resp:	378761
Ion Ratio	Lower	Upper	
43	100		
58	38.4	24.4	36.6#





#16

1,3-Butadiene

Concen: 0.012 ppbv

RT: 3.31 min Scan# 164

Delta R.T. -0.01 min

Lab File: VL037429.D

Acq: 13 Aug 2021 1:19

Instrument :

MSVOA_L

ClientSampled :

SVP-1REDL

Tot Ion: 39 Resp: 1059

Ion Ratio Lower Upper

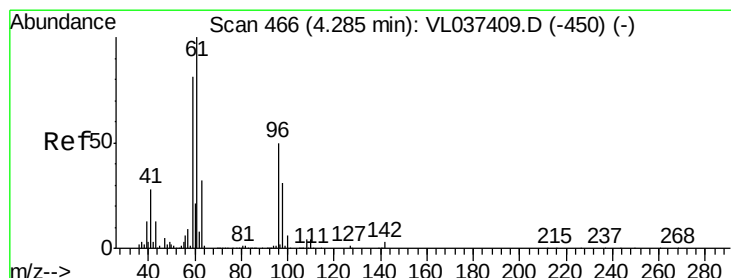
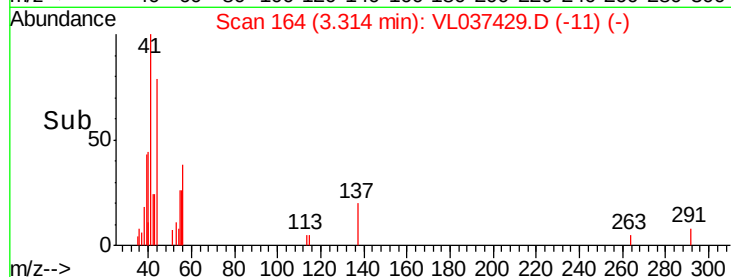
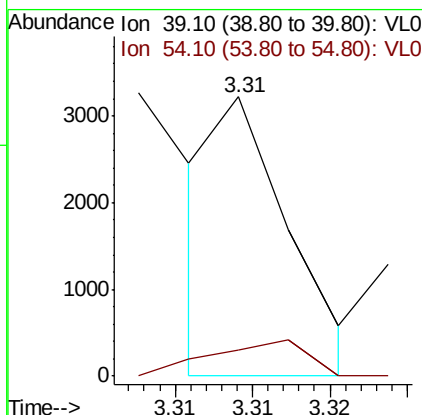
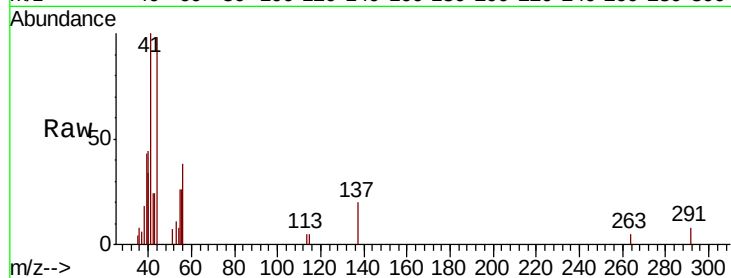
39 100

54 0.0 61.4 92.0#

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#17

tert-Butyl alcohol

Concen: 0.001 ppbv

RT: 4.30 min Scan# 471

Delta R.T. 0.02 min

Lab File: VL037429.D

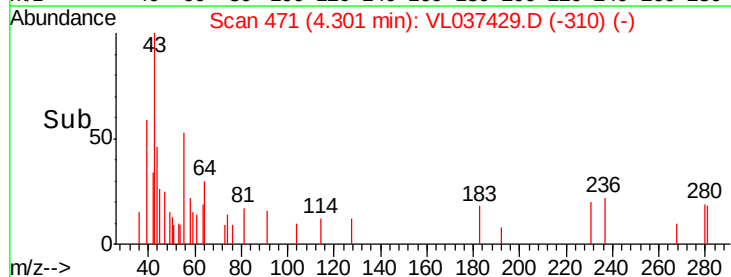
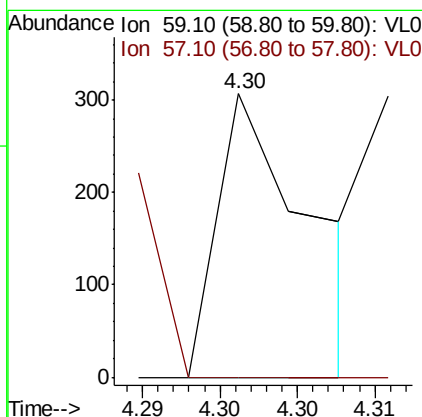
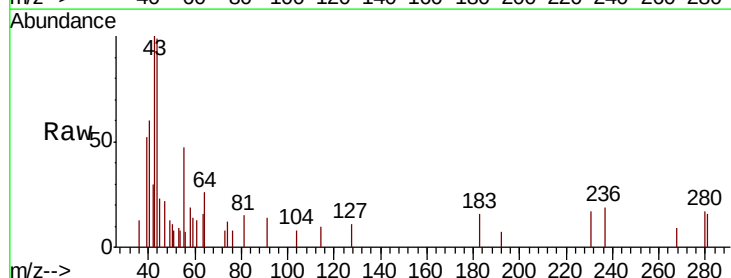
Acq: 13 Aug 2021 1:19

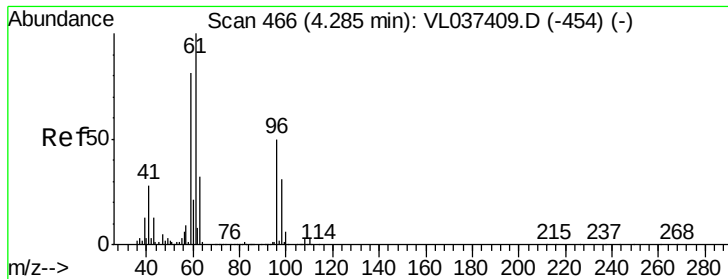
Tgt Ion: 59 Resp: 126

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#





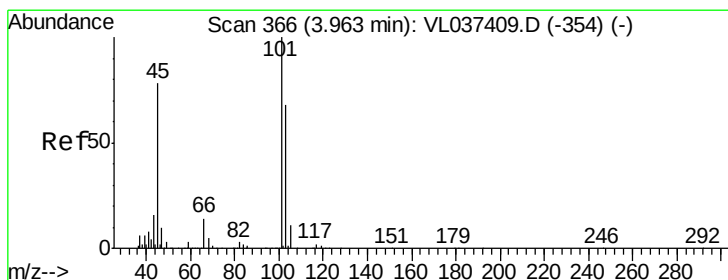
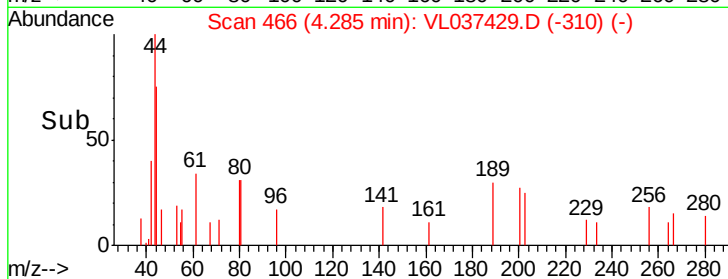
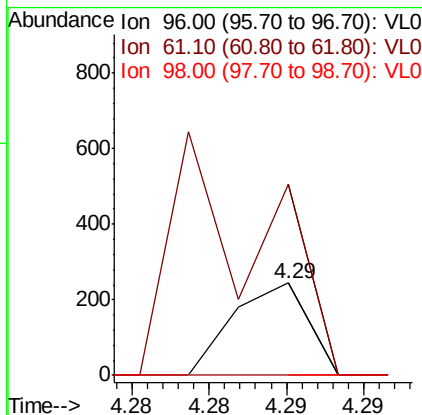
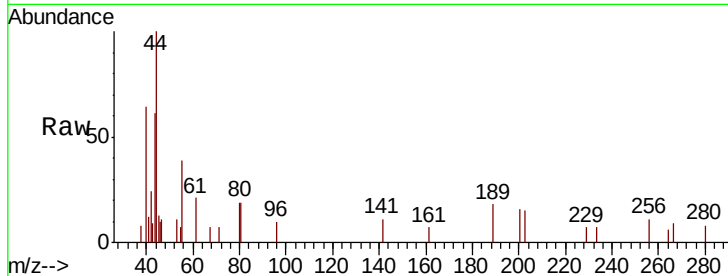
#18
 1,1-Dichloroethene
 Concen: 0.001 ppbv
 RT: 4.29 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: VL037429.D
 Acq: 13 Aug 2021 1:19

Instrument :
 MSVOA_L
 ClientSampled :
 SVP-1REDL

Tot Ion	Ratio	Lower	Upper
96	100		
61	206.5	159.0	238.4
98	0.0	49.4	74.2#

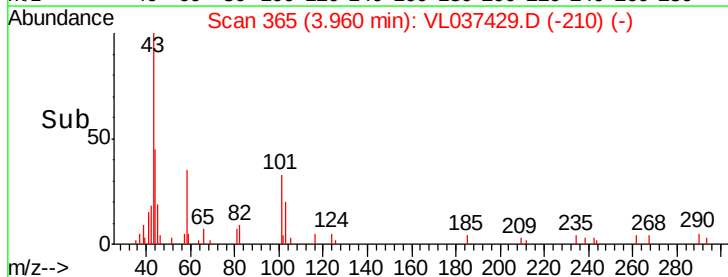
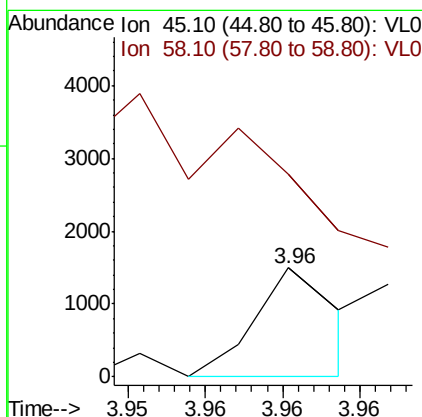
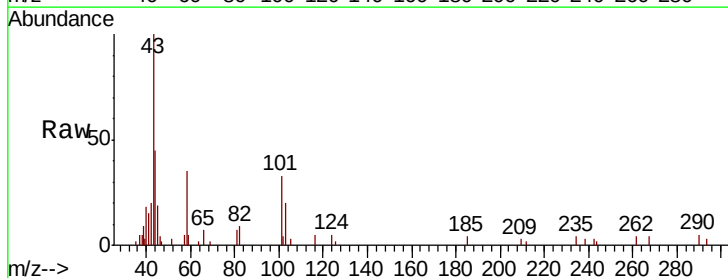
Manual Integrations
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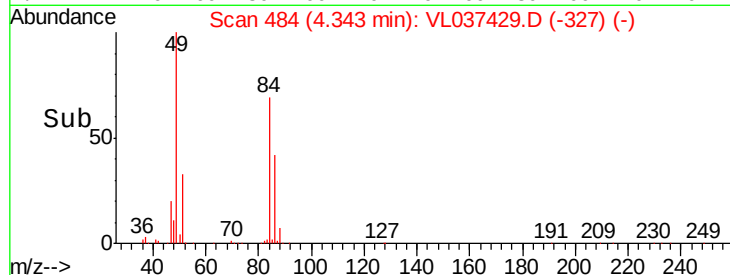
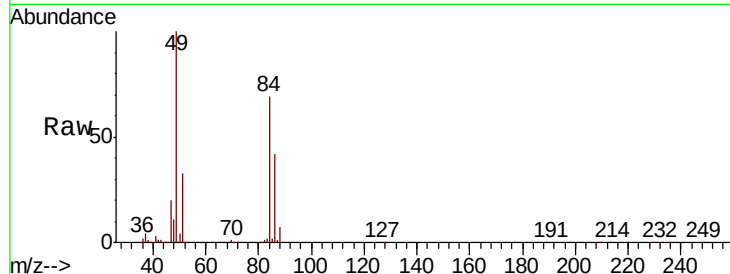
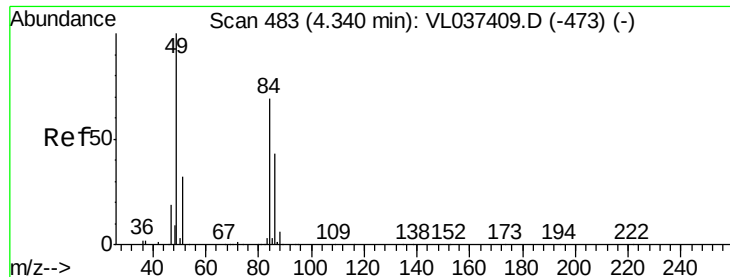
apatel
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#19
 Isopropyl Alcohol
 Concen: 0.007 ppbv
 RT: 3.96 min Scan# 366
 Delta R.T. -0.00 min
 Lab File: VL037429.D
 Acq: 13 Aug 2021 1:19

Tgt Ion	Ratio	Lower	Upper
45	100		
58	0.0	2.2	3.4#





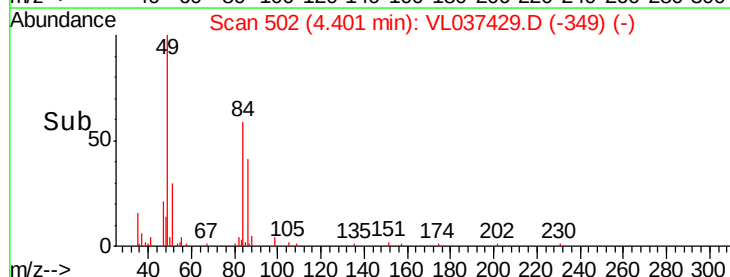
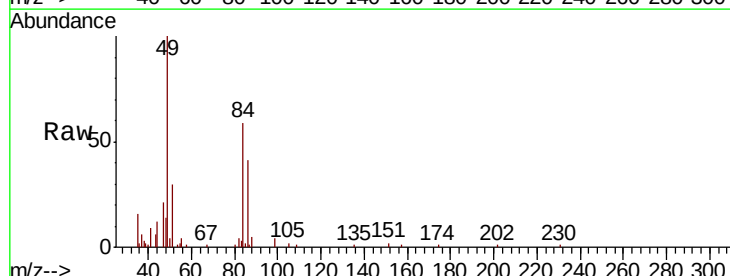
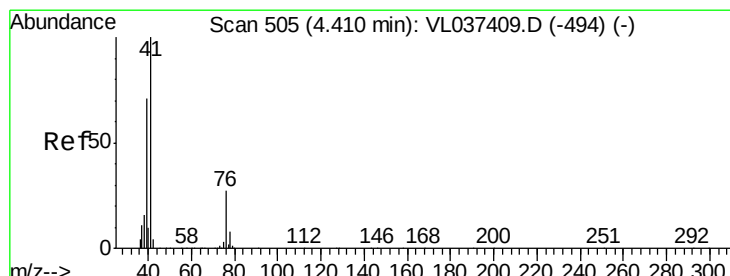
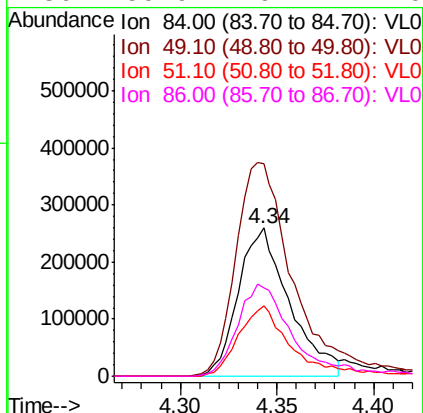
#20
Methylene Chloride
Concen: 6.687 ppbv
RT: 4.34 min Scan# 484
Delta R.T. 0.00 min
Lab File: VL037429.D
Acq: 13 Aug 2021 1:19

Tot Ion:	84	Resp:	476399
Ion	Ratio	Lower	Upper
84	100		
49	143.9	116.0	174.0
51	47.1	37.1	55.7
86	59.9	49.4	74.0

Instrument :
MSVOA_L
ClientSampleId :
SVP-1REDL

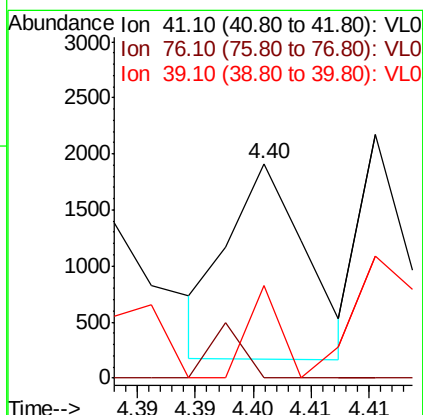
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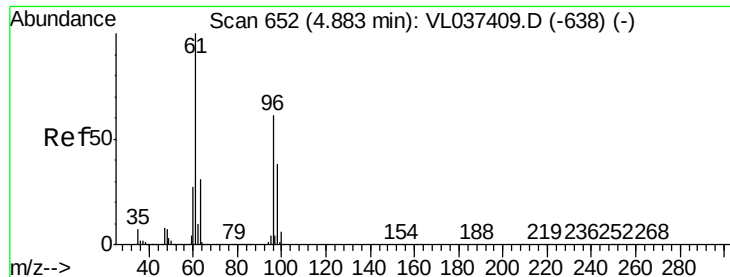
apatel
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#21
Allyl Chloride
Concen: 0.008 ppbv
RT: 4.40 min Scan# 502
Delta R.T. -0.01 min
Lab File: VL037429.D
Acq: 13 Aug 2021 1:19

Tgt Ion:	41	Resp:	802
Ion	Ratio	Lower	Upper
41	100		
76	0.0	23.7	35.5#
39	0.0	62.3	93.5#





#22

trans-1,2-Dichloroethene

Concen: 0.001 ppbv

RT: 4.89 min Scan# 654

Delta R.T. 0.01 min

Lab File: VL037429.D

Acq: 13 Aug 2021 1:19

Instrument :

MSVOA_L

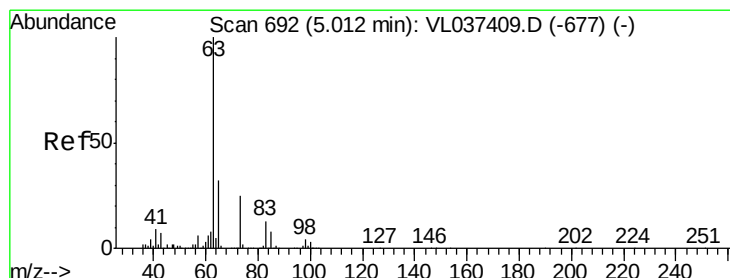
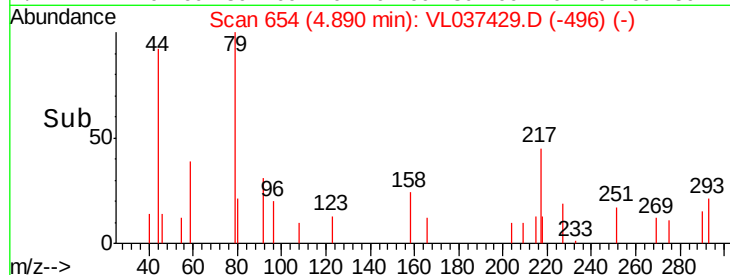
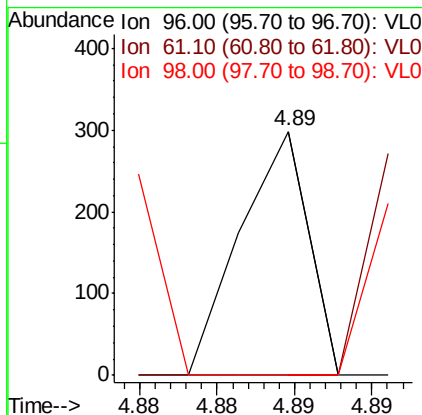
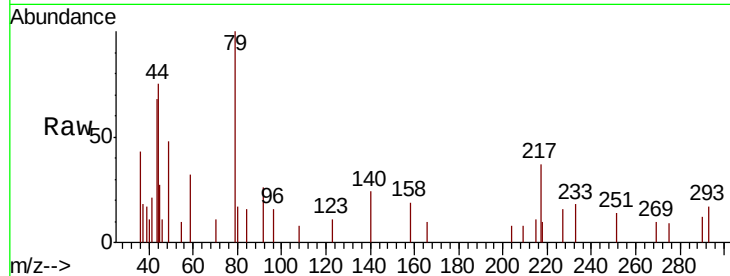
ClientSampleId :

SVP-1REDL

Tot Ion:	96	Resp:	91
Ion Ratio	Lower	Upper	
96	100		
61	0.0	131.0	196.4#
98	0.0	50.2	75.4#

Manual Integrations
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#24

1,1-Dichloroethane

Concen: 0.002 ppbv

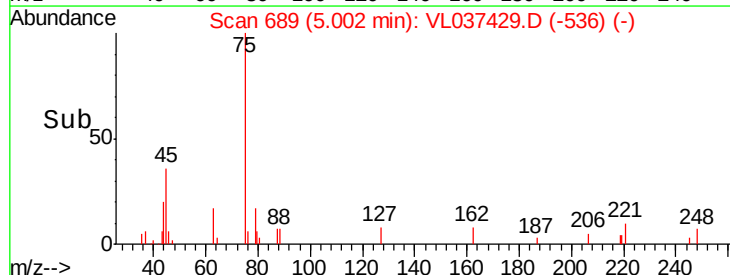
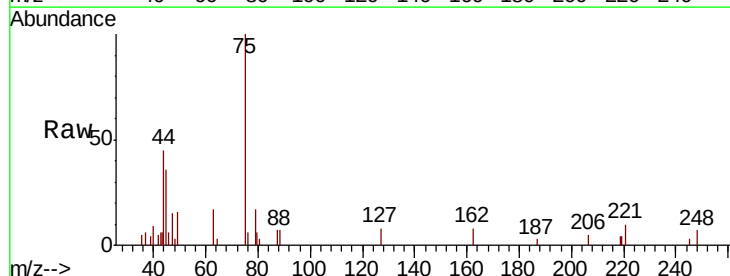
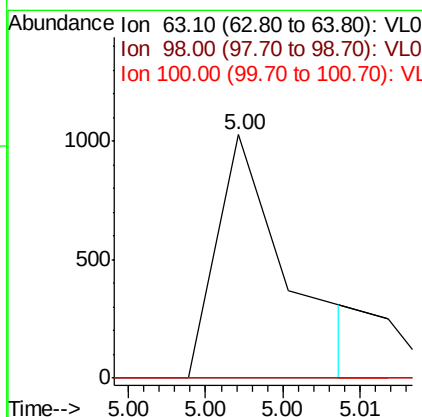
RT: 5.00 min Scan# 689

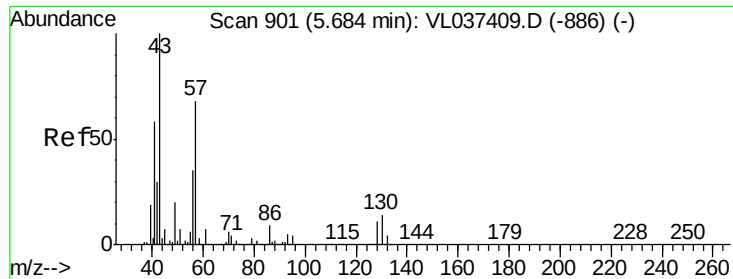
Delta R.T. -0.01 min

Lab File: VL037429.D

Acq: 13 Aug 2021 1:19

Tgt Ion:	63	Resp:	330
Ion Ratio	Lower	Upper	
63	100		
98	0.0	2.1	6.3#
100	0.0	1.6	4.7#





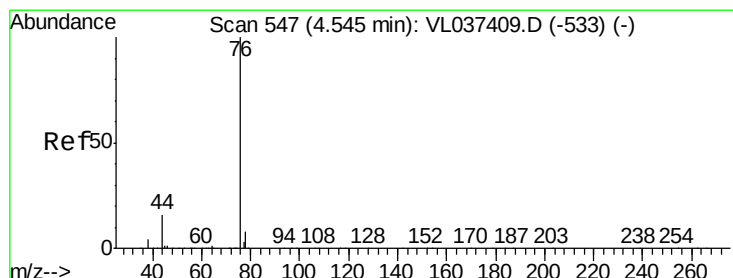
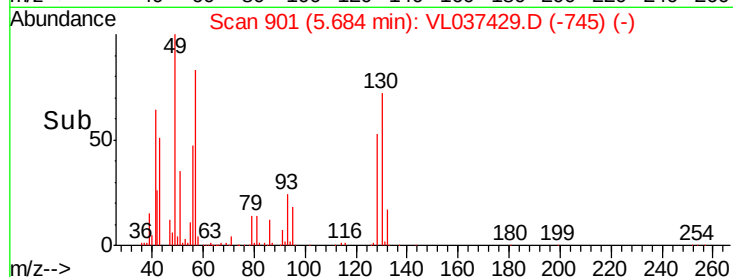
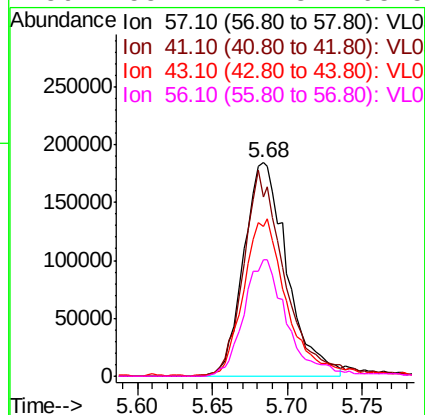
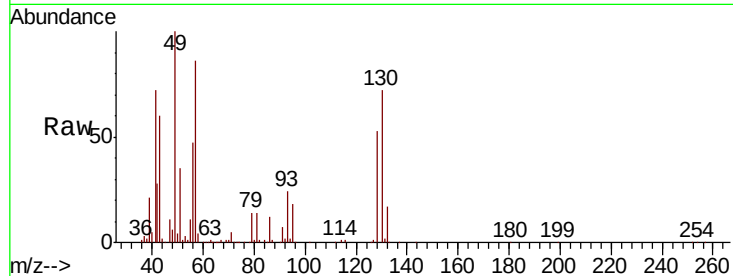
#26
Hexane
Concen: 2.243 ppbv
RT: 5.68 min Scan# 901
Delta R.T. 0.00 min
Lab File: VL037429.D
Acq: 13 Aug 2021 1:19

Instrument :
MSVOA_L
ClientSampleId :
SVP-1REDL

Tot Ion	57	Resp	371639
Ion Ratio	Lower	Upper	
57	100		
41	93.0	72.5	108.7
43	73.9	169.3	253.9#
56	55.2	42.3	63.5

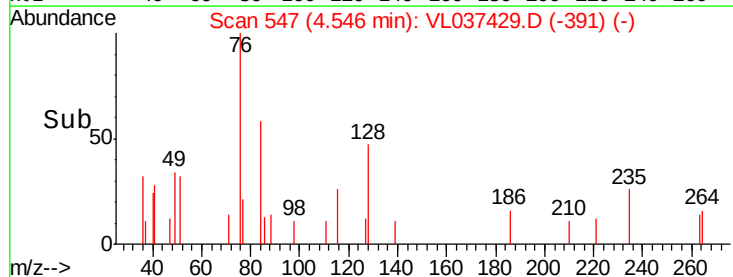
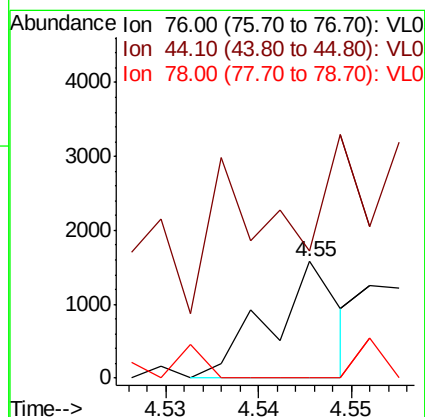
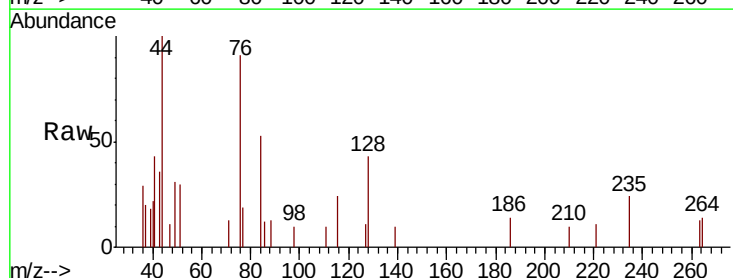
Manual Integrations
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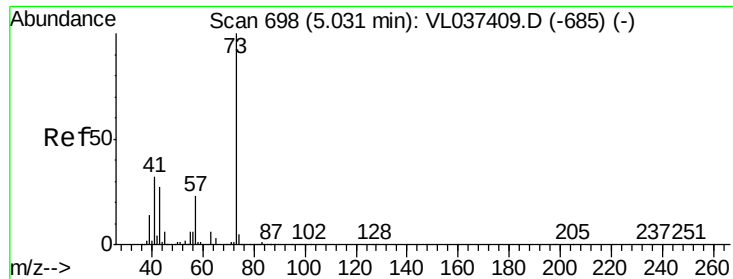
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#27
Carbon Disulfide
Concen: 0.006 ppbv
RT: 4.55 min Scan# 547
Delta R.T. 0.00 min
Lab File: VL037429.D
Acq: 13 Aug 2021 1:19

Tgt Ion	76	Resp	798
Ion Ratio	Lower	Upper	
76	100		
44	0.0	14.4	21.6#
78	0.0	8.0	12.0#





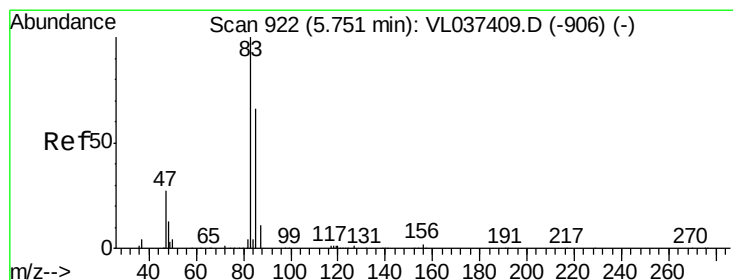
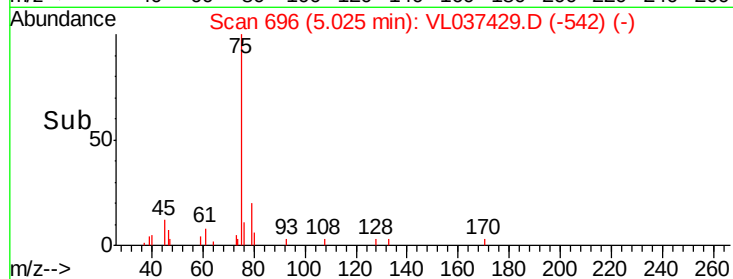
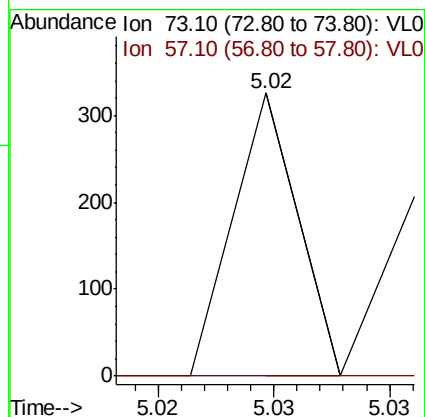
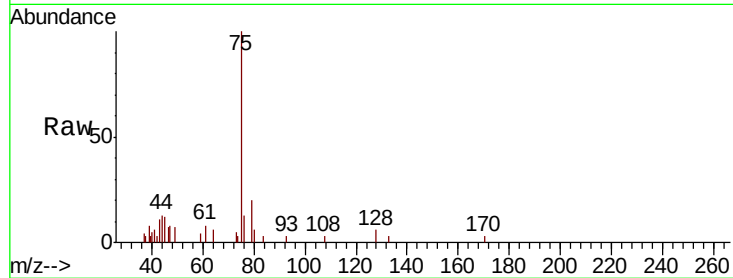
#28
Methyl tert-Butyl Ether
Concen: 0.000 ppbv
RT: 5.02 min Scan# 696
Delta R.T. -0.01 min
Lab File: VL037429.D
Acq: 13 Aug 2021 1:19

Instrument :
MSVOA_L
ClientSampleId :
SVP-1REDL

Tot Ion	Ratio	Lower	Upper
73	100		
57	0.0	19.0	28.4#

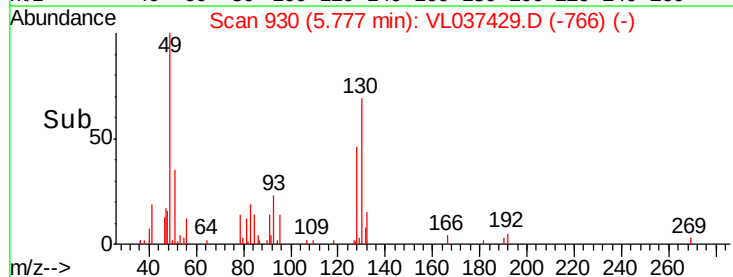
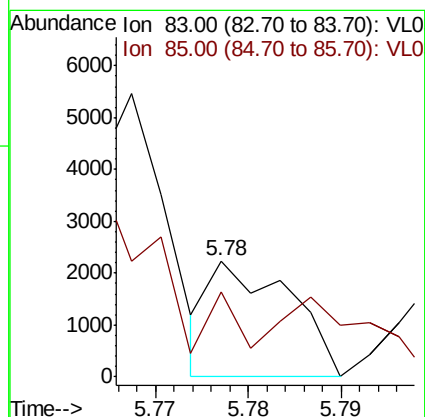
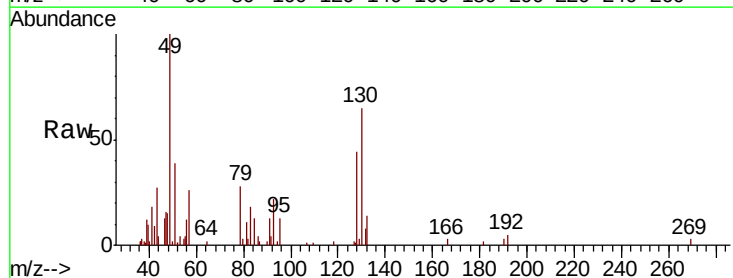
Manual Integrations
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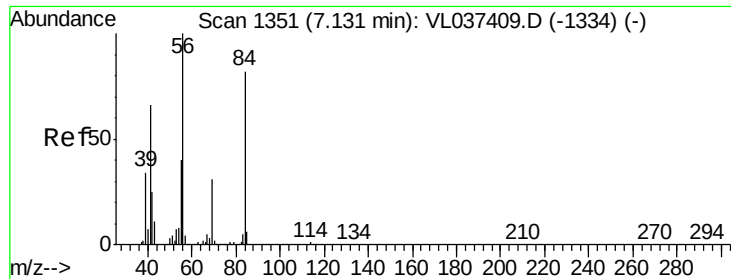
apatel
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#29
Chloroform
Concen: 0.006 ppbv
RT: 5.78 min Scan# 930
Delta R.T. 0.03 min
Lab File: VL037429.D
Acq: 13 Aug 2021 1:19

Tgt Ion	Ratio	Lower	Upper
83	100		
85	53.5	52.4	78.6





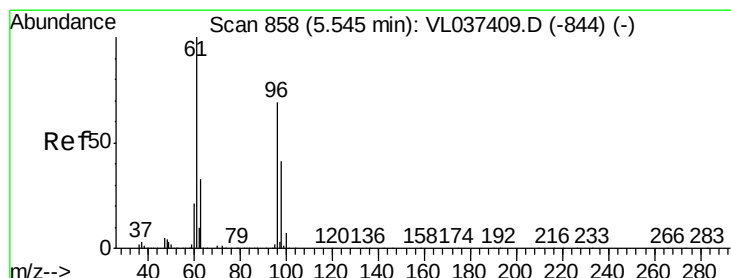
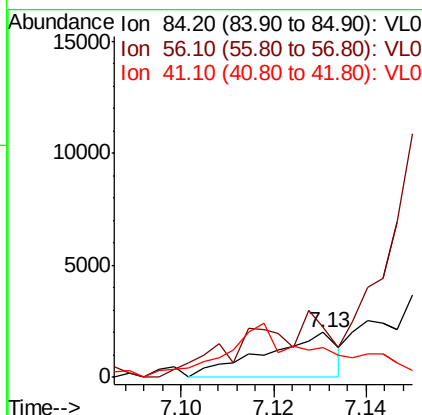
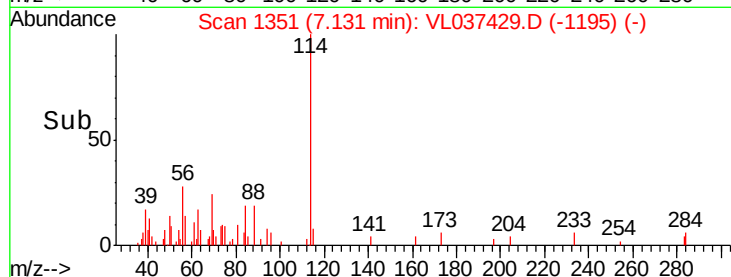
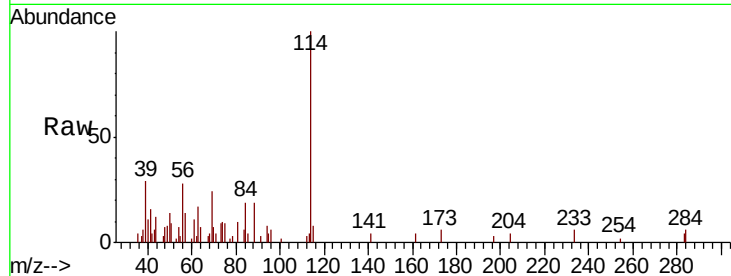
#30
Cvclohexane
Concen: 0.016 ppbv
RT: 7.13 min Scan# 1351
Delta R.T. 0.00 min
Lab File: VL037429.D
Acq: 13 Aug 2021 1:19

Instrument :
MSVOA_L
ClientSampled :
SVP-1REDL

Tot Ion	Ratio	Lower	Upper
84	100		
56	0.0	109.6	164.4#
41	164.8	66.6	99.8#

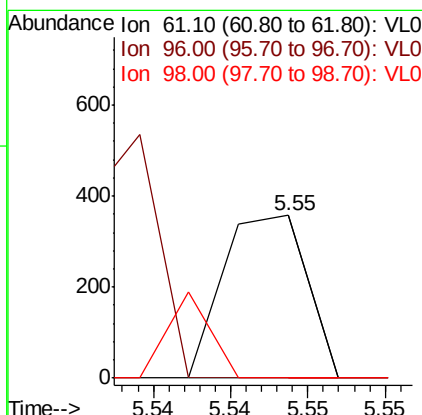
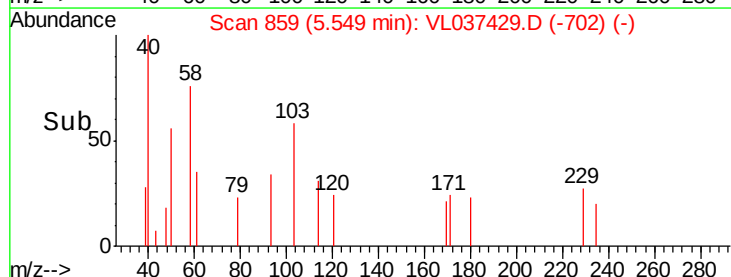
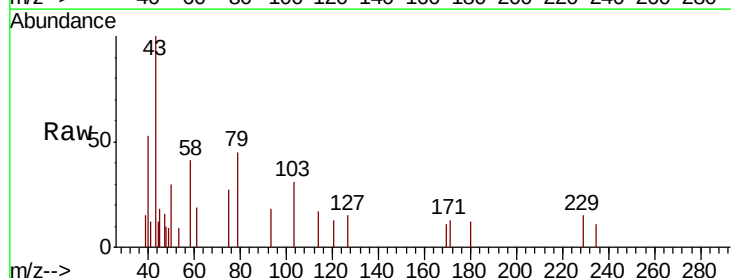
Manual Integrations
APPROVED

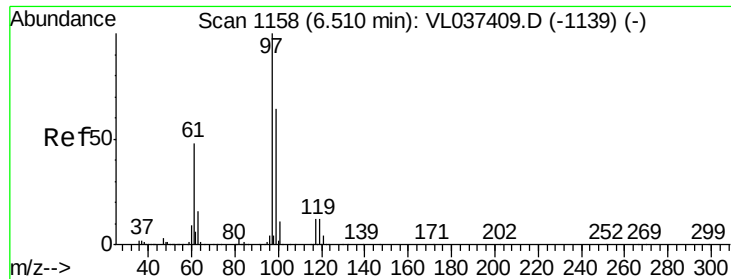
apatel
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#31
cis-1,2-Dichloroethene
Concen: 0.001 ppbv
RT: 5.55 min Scan# 859
Delta R.T. 0.00 min
Lab File: VL037429.D
Acq: 13 Aug 2021 1:19

Tgt Ion	Ratio	Lower	Upper
61	100		
96	0.0	55.5	83.3#
98	0.0	33.1	49.7#





#32

1,1,1-Trichloroethane

Concen: 0.102 ppbv m

RT: 6.50 min Scan# 1156

Delta R.T. -0.01 min

Lab File: VL037429.D

Acq: 13 Aug 2021 1:19

Instrument :

MSVOA_L

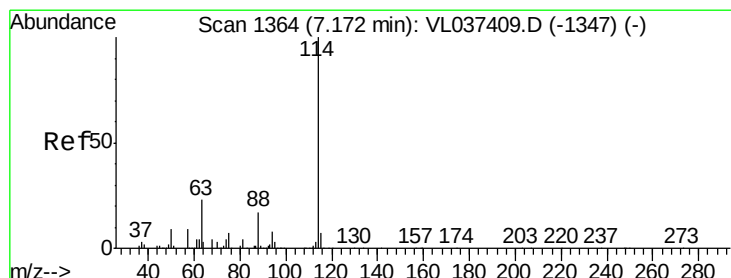
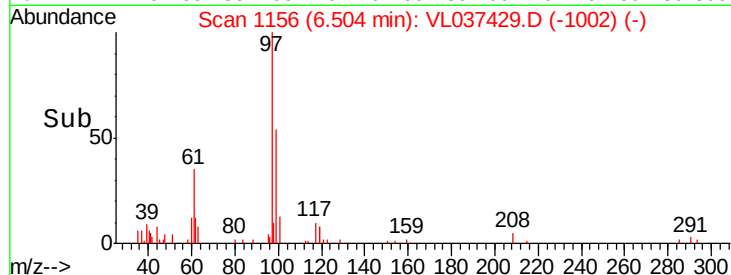
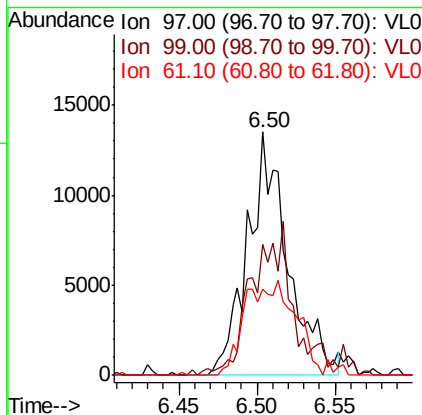
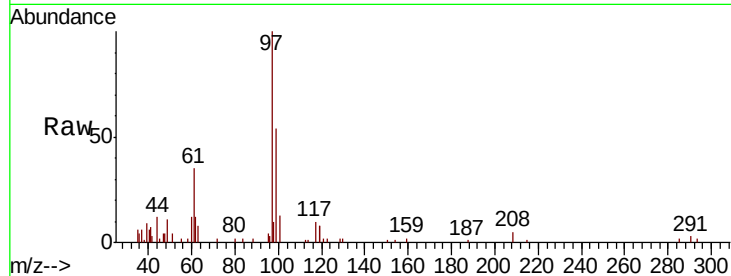
ClientSampleId :

SVP-1REDL

Tot Ion:	97	Resp:	24009
Ion Ratio	Lower	Upper	
97	100		
99	0.0	52.3	78.5#
61	0.0	40.1	60.1#

Manual Integrations
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#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

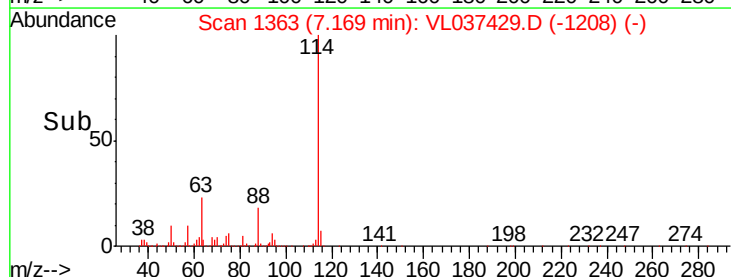
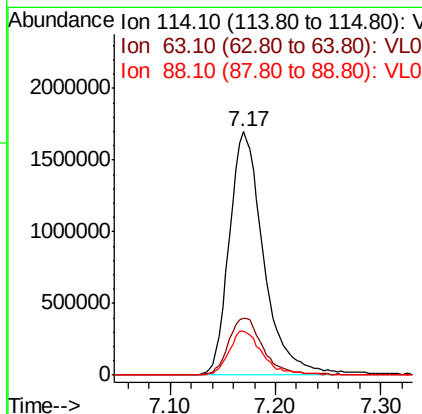
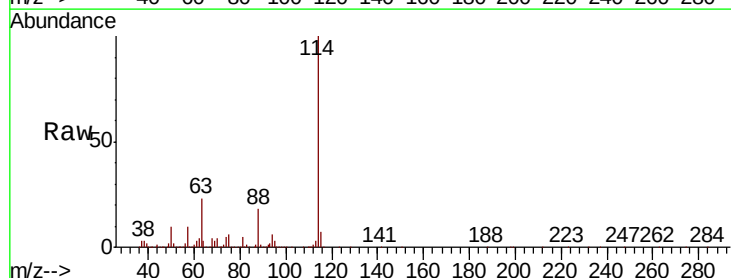
RT: 7.17 min Scan# 1363

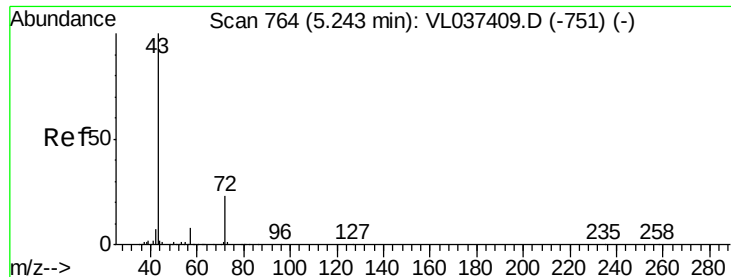
Delta R.T. -0.00 min

Lab File: VL037429.D

Acq: 13 Aug 2021 1:19

Tgt Ion:	114	Resp:	3827466
Ion Ratio	Lower	Upper	
114	100		
63	23.8	19.4	29.2
88	17.8	14.2	21.4





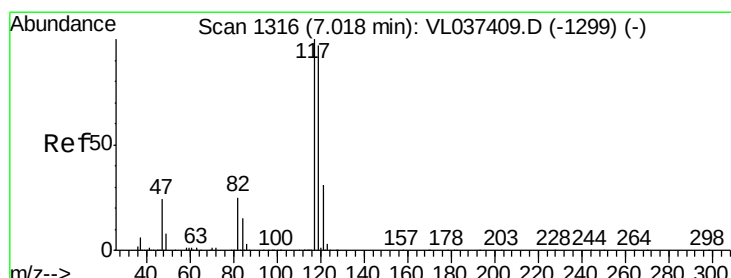
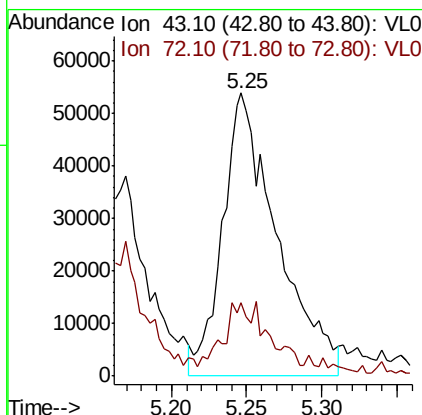
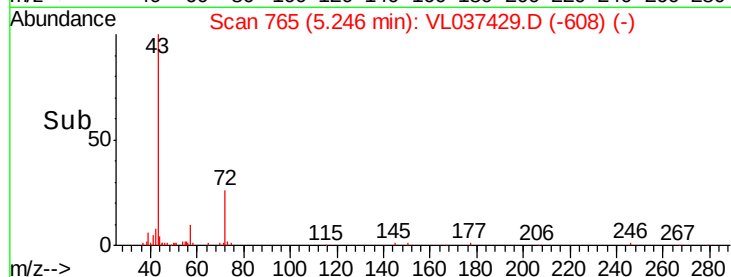
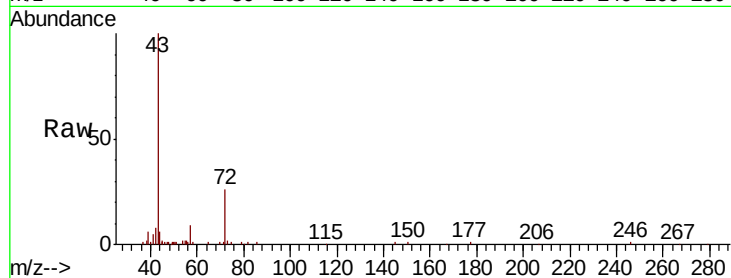
#34
2-Butanone
Concen: 0.860 ppbv m
RT: 5.25 min Scan# 765
Delta R.T. 0.00 min
Lab File: VL037429.D
Acq: 13 Aug 2021 1:19

Instrument :
MSVOA_L
ClientSampled :
SVP-1REDL

Tot Ion: 43 Resp: 135909
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#

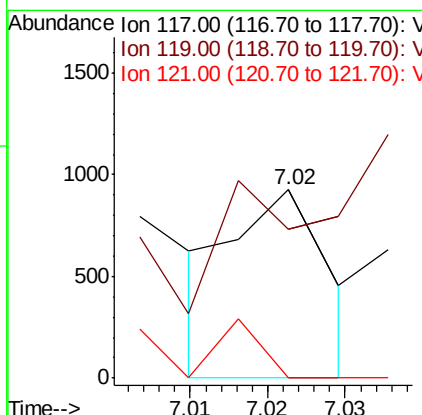
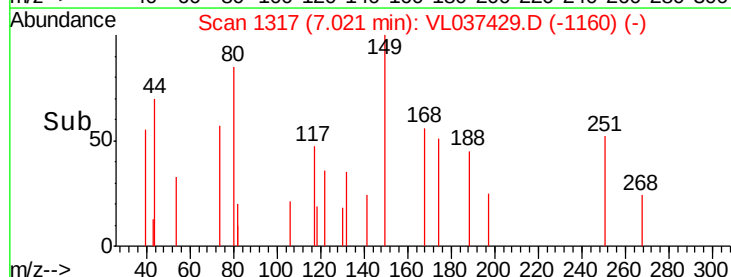
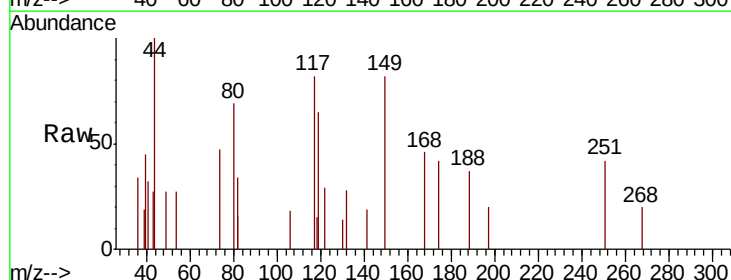
Manual Integrations
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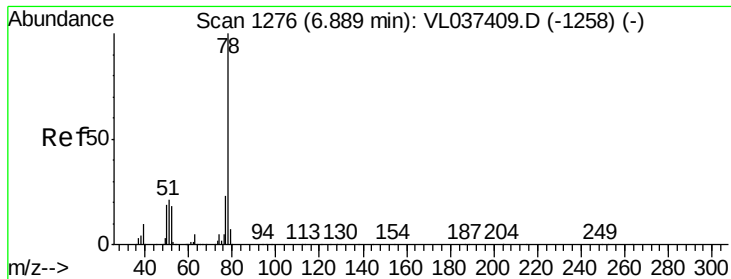
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#35
Carbon Tetrachloride
Concen: 0.002 ppbv
RT: 7.02 min Scan# 1317
Delta R.T. 0.00 min
Lab File: VL037429.D
Acq: 13 Aug 2021 1:19

Tgt Ion: 117 Resp: 398
Ion Ratio Lower Upper
117 100
119 89.8 77.5 116.3
121 0.0 24.7 37.1#





#36

Benzene

Concen: 0.018 ppbv

RT: 6.88 min Scan# 1274

Delta R.T. -0.01 min

Lab File: VL037429.D

Acq: 13 Aug 2021 1:19

Instrument :

MSVOA_L

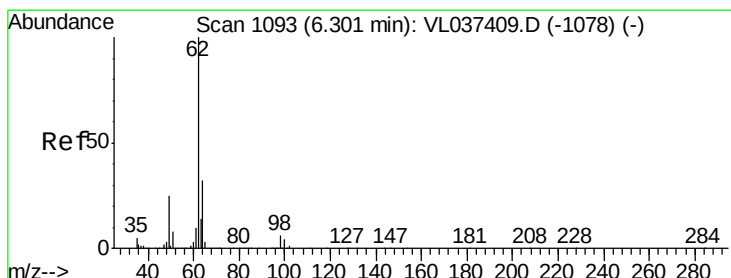
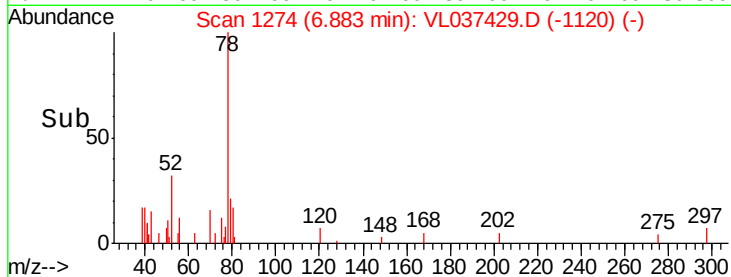
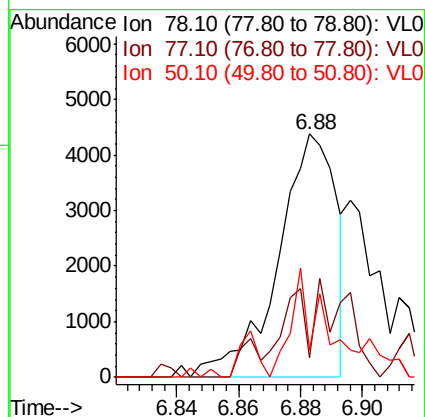
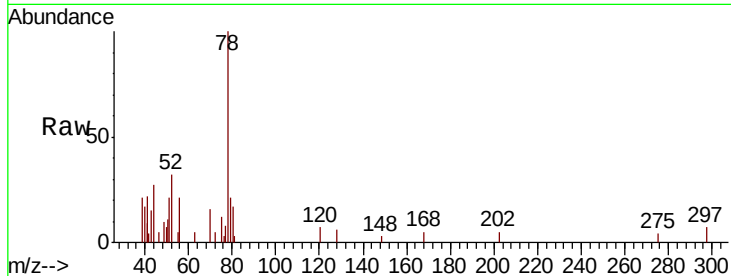
ClientSampled :

SVP-1REDL

Tot Ion:	78	Resp:	5700
Ion	Ratio	Lower	Upper
78	100		
77	8.0	18.6	27.8#
50	7.8	14.9	22.3#

Manual Integrations
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#37

1,2-Dichloroethane

Concen: 0.002 ppbv

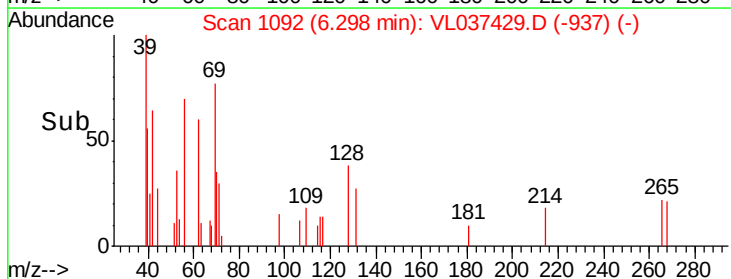
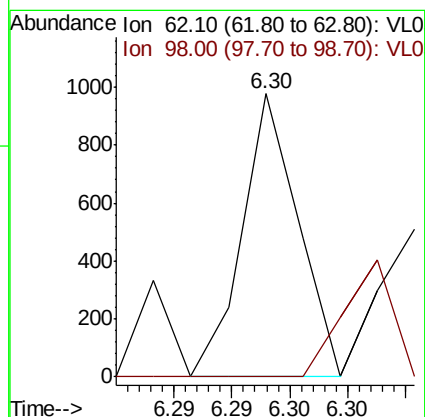
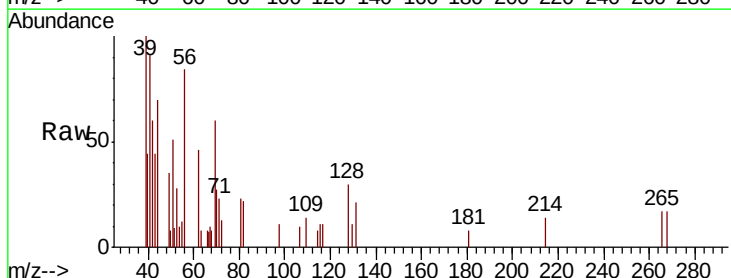
RT: 6.30 min Scan# 1092

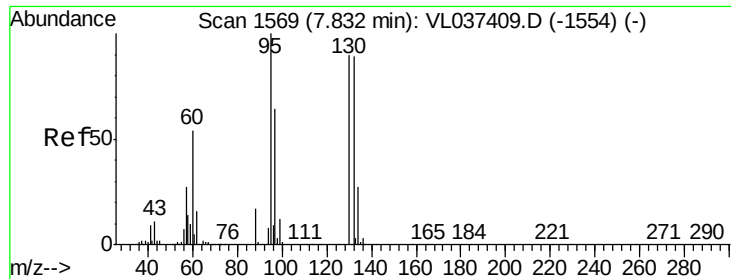
Delta R.T. -0.00 min

Lab File: VL037429.D

Acq: 13 Aug 2021 1:19

Tgt Ion:	62	Resp:	328
Ion	Ratio	Lower	Upper
62	100		
98	0.0	5.4	8.2#





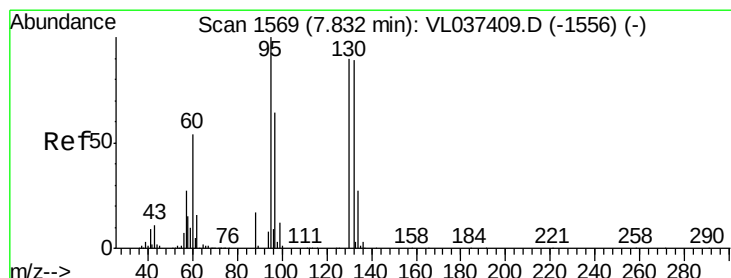
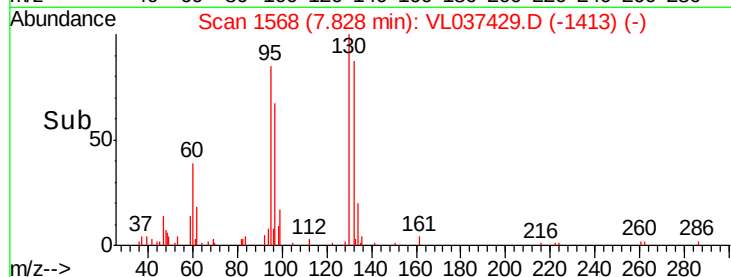
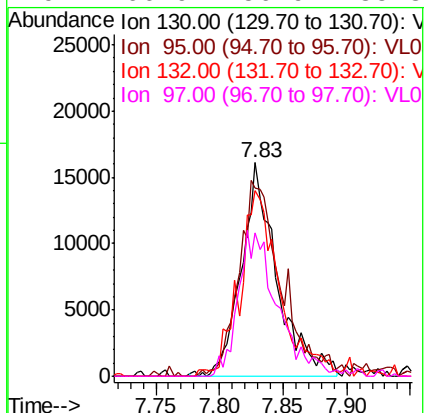
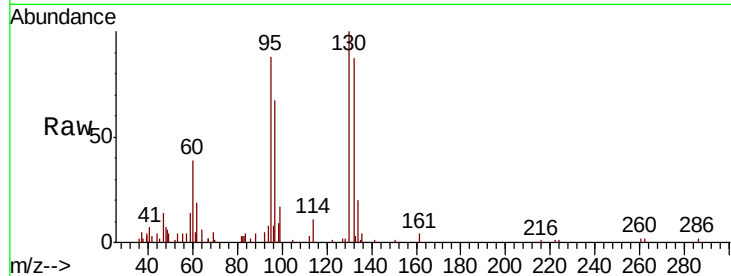
#38
 Trichloroethene
 Concen: 0.220 ppbv m
 RT: 7.83 min Scan# 1568
 Delta R.T. -0.00 min
 Lab File: VL037429.D
 Acq: 13 Aug 2021 1:19

Instrument :
 MSVOA_L
 ClientSampled :
 SVP-1REDL

Tot Ion	Ratio	Lower	Upper
130	100		
95	87.9	88.6	132.8#
132	86.6	79.2	118.8
97	66.9	56.9	85.3

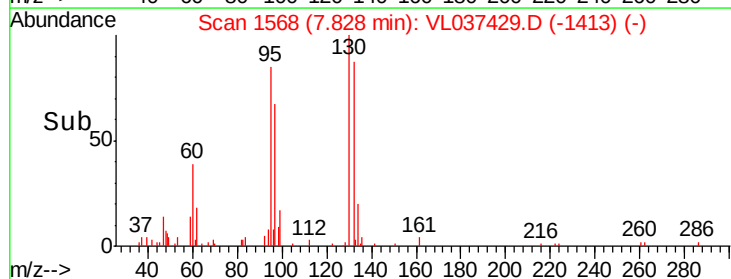
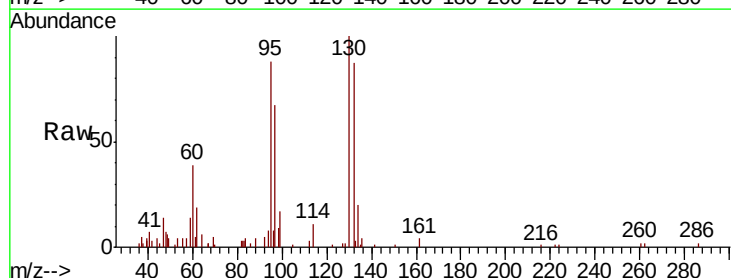
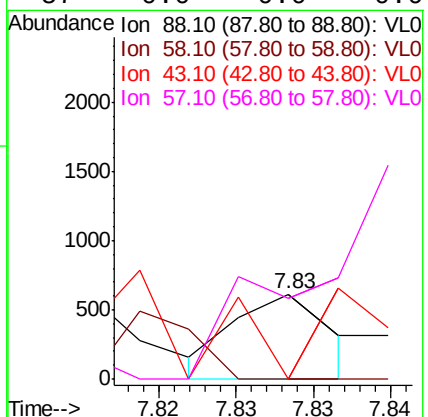
Manual Integrations
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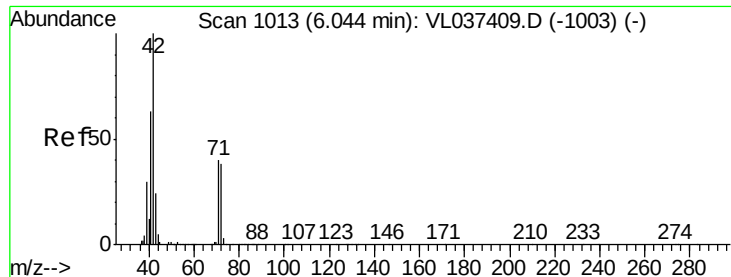
apatel
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#40
 1,4-Dioxane
 Concen: 0.009 ppbv
 RT: 7.83 min Scan# 1568
 Delta R.T. -0.00 min
 Lab File: VL037429.D
 Acq: 13 Aug 2021 1:19

Tgt 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





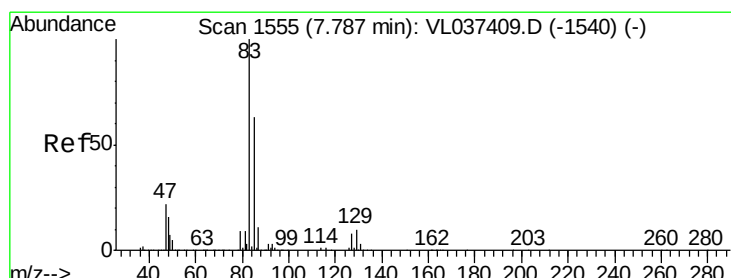
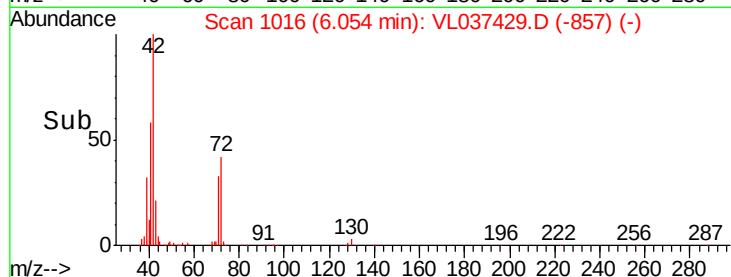
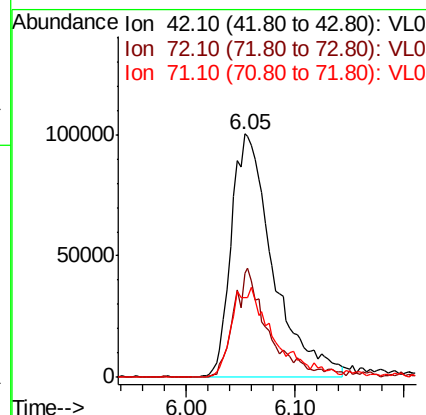
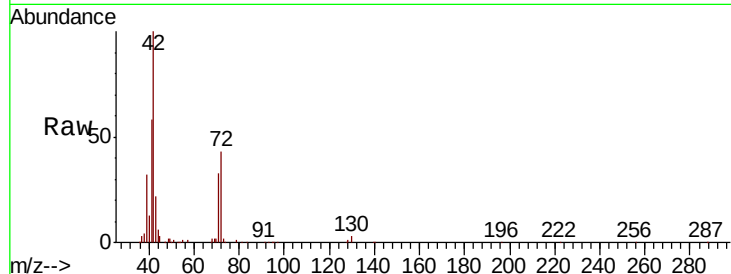
#41
Tetrahydrofuran
Concen: 3.692 ppbv m
RT: 6.05 min Scan# 1016
Delta R.T. 0.01 min
Lab File: VL037429.D
Acq: 13 Aug 2021 1:19

Instrument :
MSVOA_L
ClientSampled :
SVP-1REDL

Tot Ion	Ratio	Lower	Upper
42	100		
72	0.0	33.5	50.3#
71	0.0	32.6	48.8#

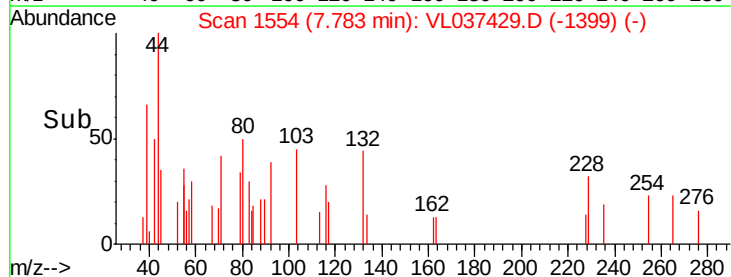
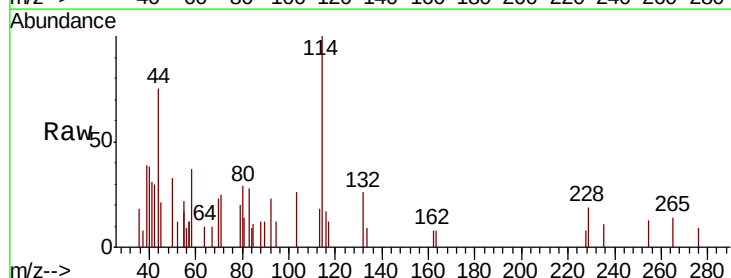
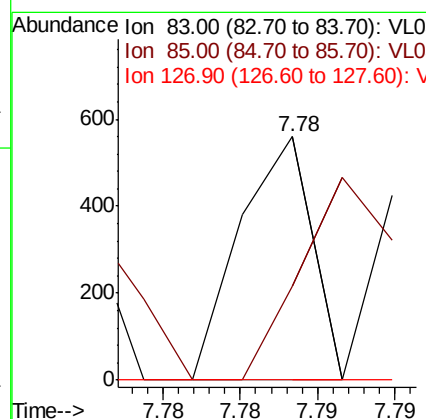
Manual Integrations
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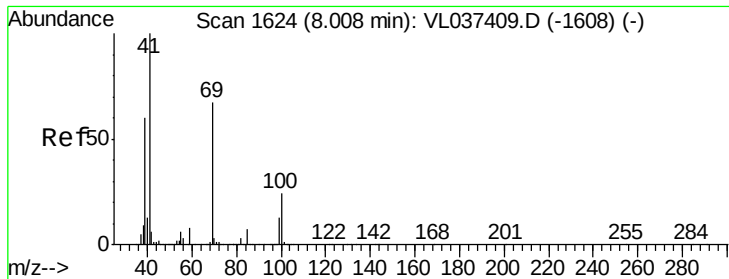
apatel
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#42
Bromodichloromethane
Concen: 0.001 ppbv
RT: 7.78 min Scan# 1554
Delta R.T. -0.00 min
Lab File: VL037429.D
Acq: 13 Aug 2021 1:19

Tgt Ion	Ratio	Lower	Upper
83	100		
85	38.6	50.2	75.2#
127	0.0	6.6	9.8#





#43

Methyl Methacrylate

Concen: 0.001 ppbv

RT: 8.03 min Scan# 1631

Delta R.T. 0.02 min

Lab File: VL037429.D

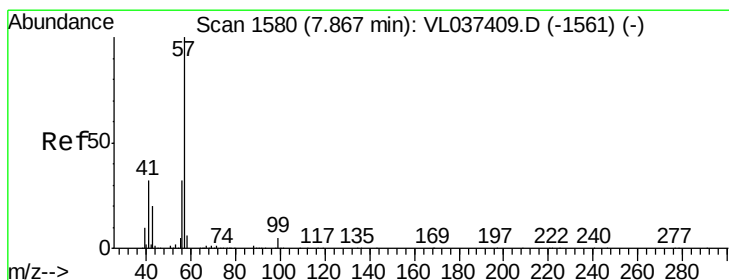
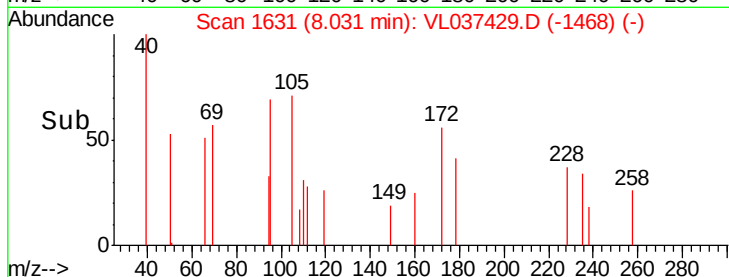
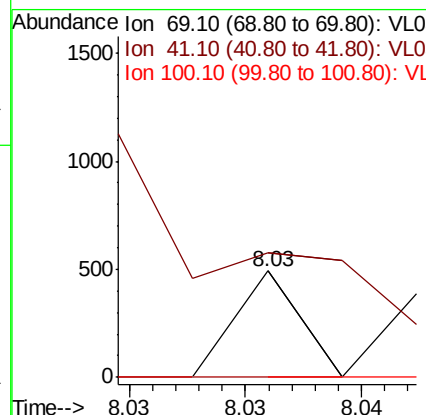
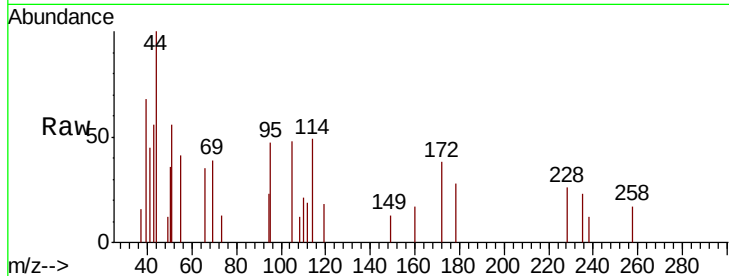
Acq: 13 Aug 2021 1:19

Instrument :
MSVOA_L
ClientSampled :
SVP-1REDL

Tot Ion	Ratio	Lower	Upper
69	100		
41	1747.4	118.1	177.1
100	0.0	27.6	41.4

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#44

2,2,4-Trimethylpentane

Concen: 0.006 ppbv

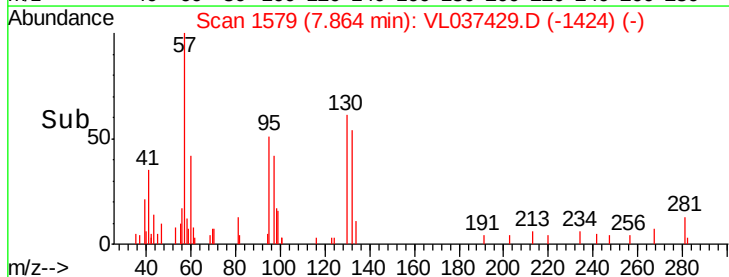
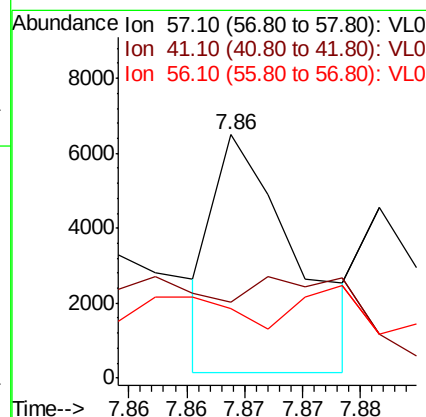
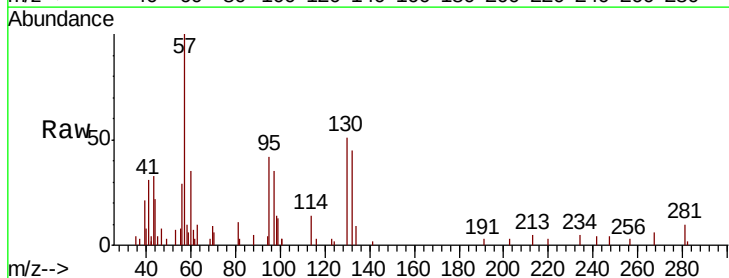
RT: 7.86 min Scan# 1579

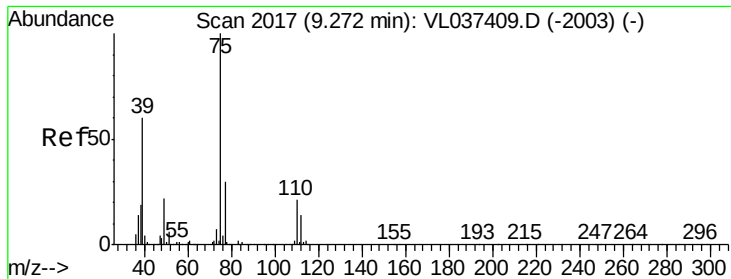
Delta R.T. -0.00 min

Lab File: VL037429.D

Acq: 13 Aug 2021 1:19

Tgt Ion	Ratio	Lower	Upper
57	100		
41	200.8	26.4	39.6
56	0.0	25.0	37.4





#45

t-1,3-Dichloropropene

Concen: 0.002 ppbv

RT: 9.26 min Scan# 2014

Delta R.T. -0.01 min

Lab File: VL037429.D

Acq: 13 Aug 2021 1:19

Instrument :

MSVOA_L

ClientSampled :

SVP-1REDL

Tot Ion: 75 Resp: 130

Ion Ratio Lower Upper

75 100

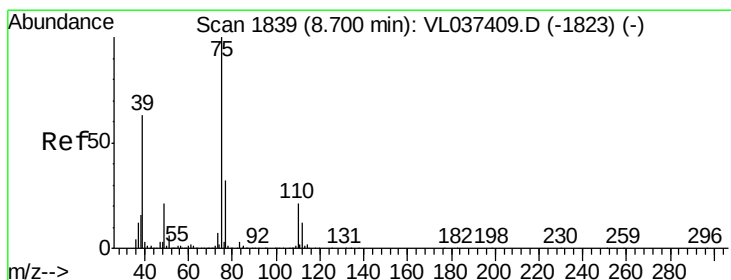
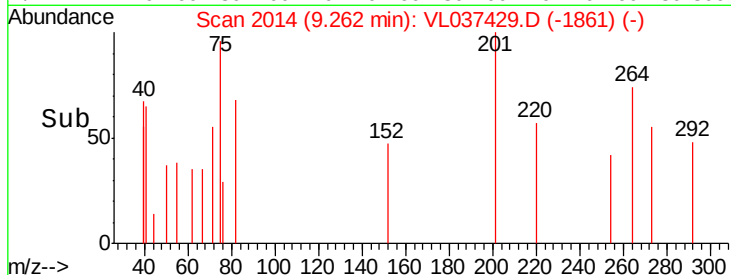
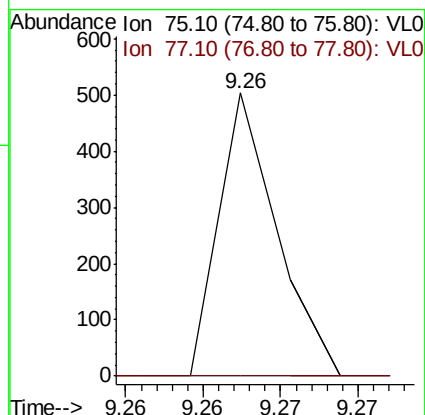
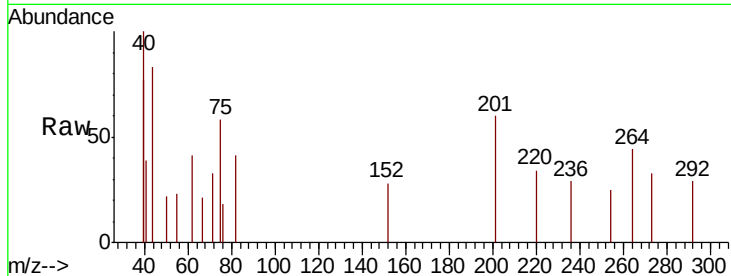
77 0.0 24.2 36.2#

Manual Integrations

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#46

cis-1,3-Dichloropropene

Concen: 0.001 ppbv

RT: 8.70 min Scan# 1840

Delta R.T. 0.00 min

Lab File: VL037429.D

Acq: 13 Aug 2021 1:19

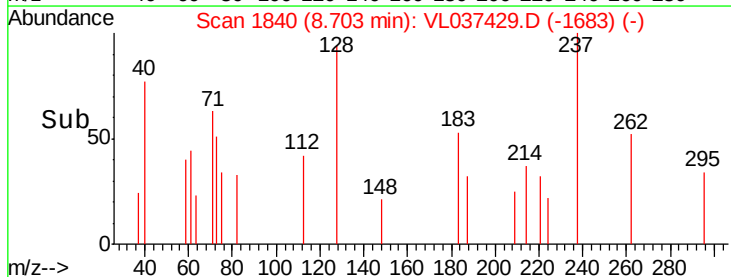
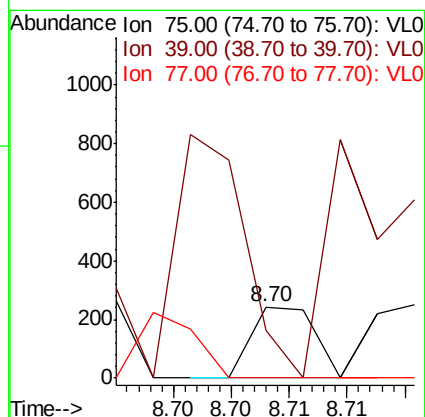
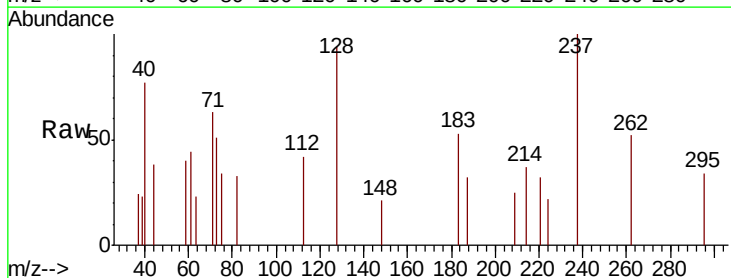
Tgt Ion: 75 Resp: 91

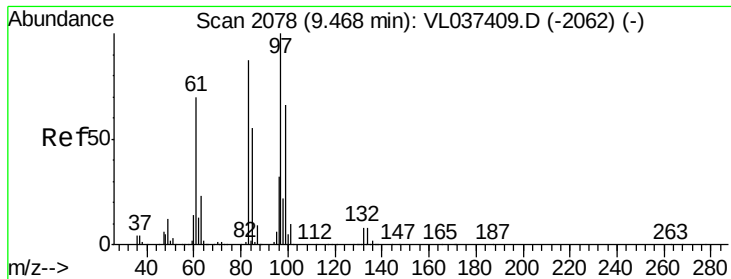
Ion Ratio Lower Upper

75 100

39 0.0 50.1 75.1#

77 0.0 25.8 38.8#





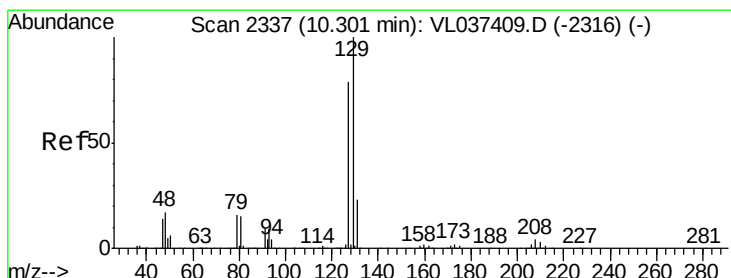
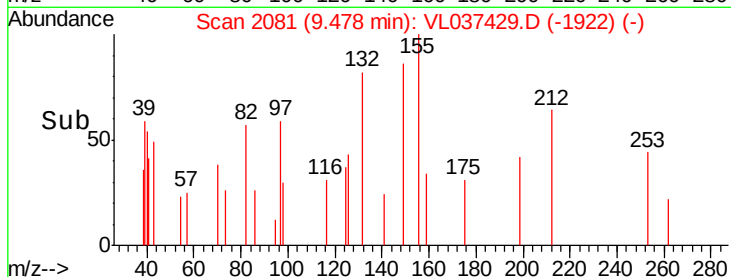
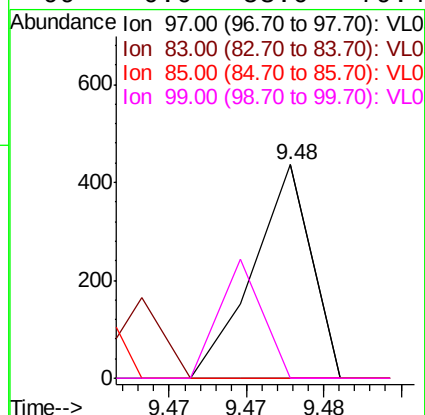
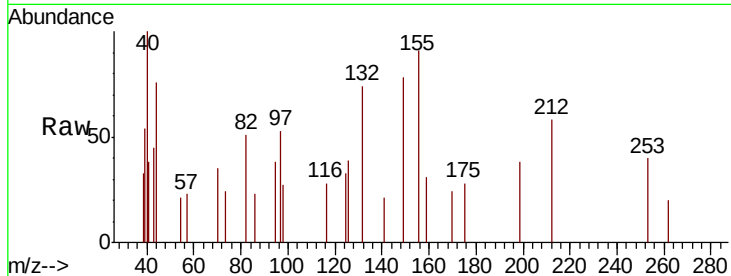
#47
 1,1,2-Trichloroethane
 Concen: 0.001 ppbv
 RT: 9.48 min Scan# 2081
 Delta R.T. 0.01 min
 Lab File: VL037429.D
 Acq: 13 Aug 2021 1:19

Instrument :
 MSVOA_L
 ClientSampleID :
 SVP-1REDL

Tot Ion:	97	Resp:	114
Ion Ratio	Lower	Upper	
97	100		
83	0.0	69.5	104.3#
85	0.0	43.8	65.8#
99	0.0	53.0	79.4#

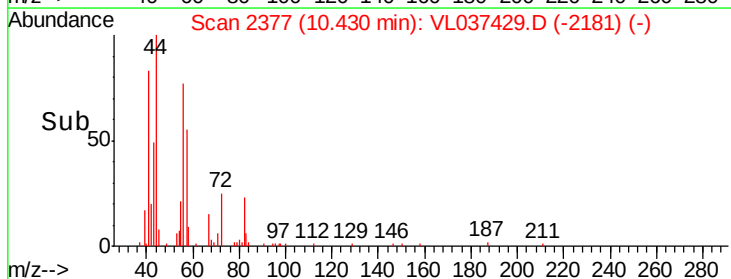
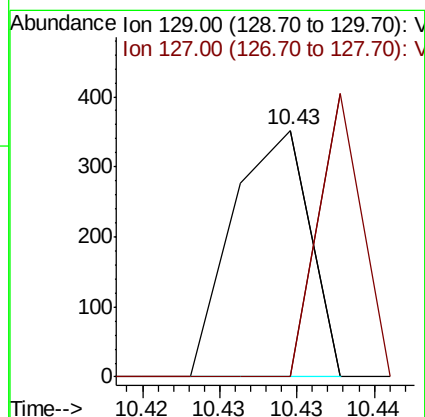
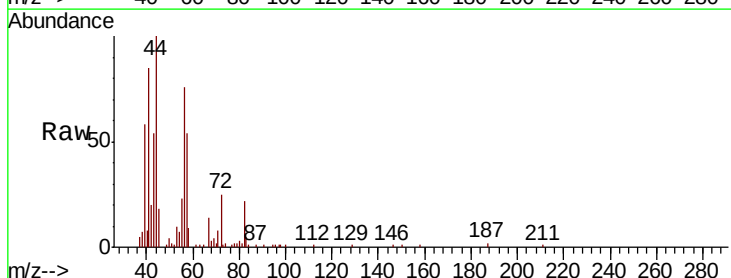
Manual Integrations
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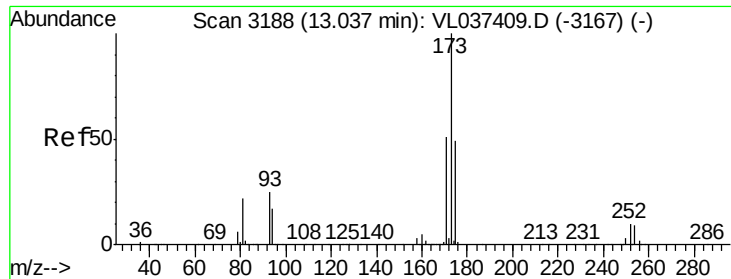
apatel
 8/13/2021 3:03:15 PM



#48
 Dibromochloromethane
 Concen: 0.001 ppbv
 RT: 10.43 min Scan# 2377
 Delta R.T. 0.13 min
 Lab File: VL037429.D
 Acq: 13 Aug 2021 1:19

Tgt Ion:	129	Resp:	121
Ion Ratio	Lower	Upper	
129	100		
127	64.5	39.6	118.8





#49

Bromoform

Concen: 0.000 ppbv

RT: 13.04 min Scan# 3189

Delta R.T. 0.00 min

Lab File: VL037429.D

Acq: 13 Aug 2021 1:19

Instrument :

MSVOA_L

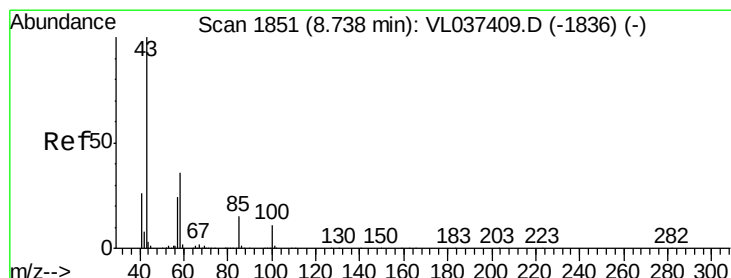
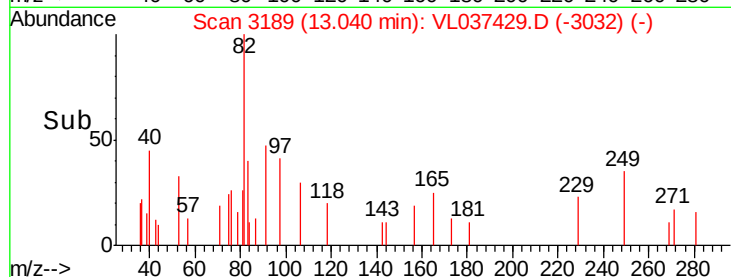
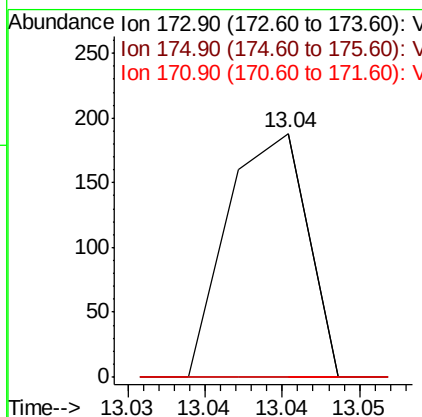
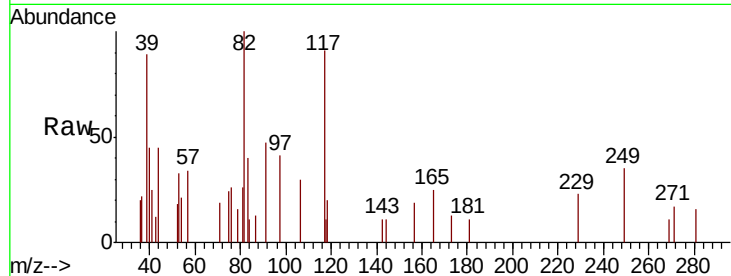
ClientSampled :

SVP-1REDL

Tot Ion:	173	Resp:	67
Ion Ratio	Lower	Upper	
173	100		
175	85.1	39.9	59.9#
171	0.0	41.4	62.2#

Manual Integrations
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#50

4-Methyl-2-Pentanone

Concen: 0.002 ppbv

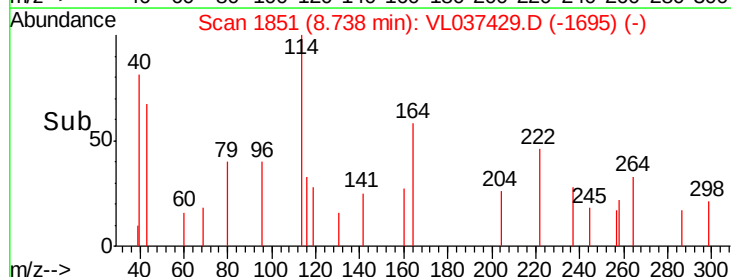
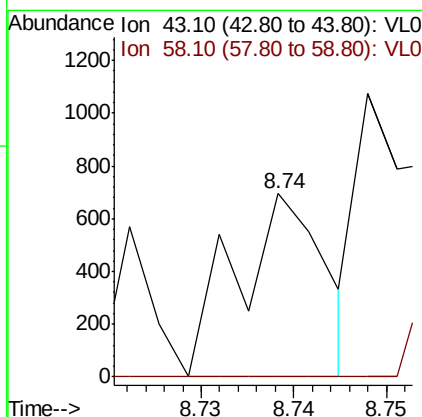
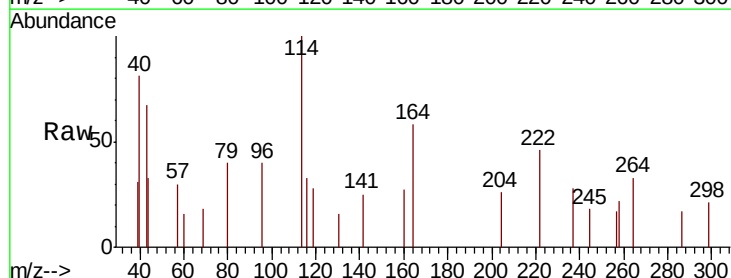
RT: 8.74 min Scan# 1851

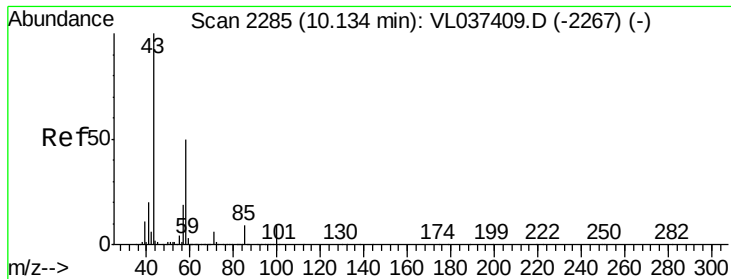
Delta R.T. 0.00 min

Lab File: VL037429.D

Acq: 13 Aug 2021 1:19

Tgt Ion:	43	Resp:	457
Ion Ratio	Lower	Upper	
43	100		
58	0.0	29.9	44.9#





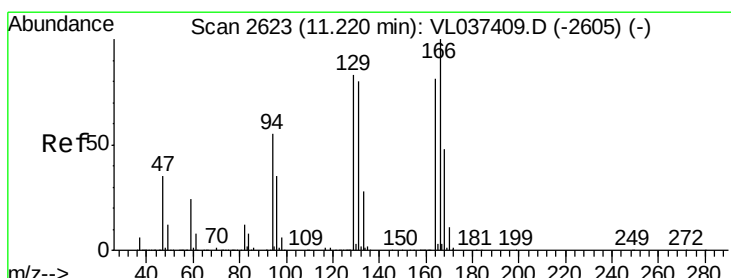
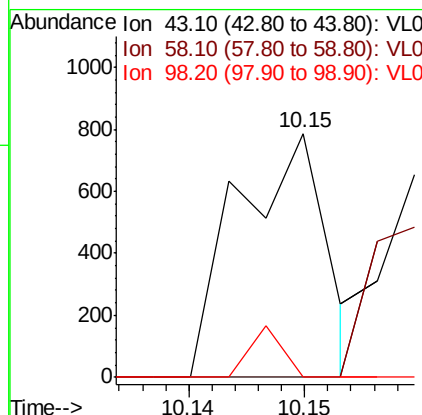
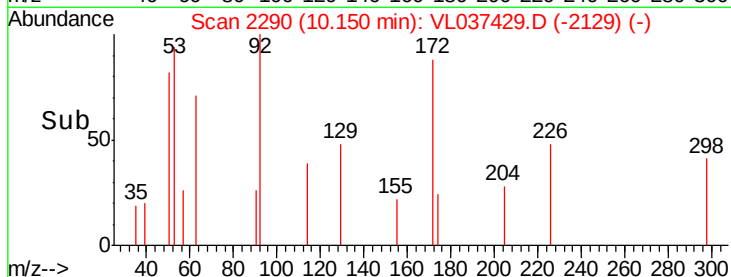
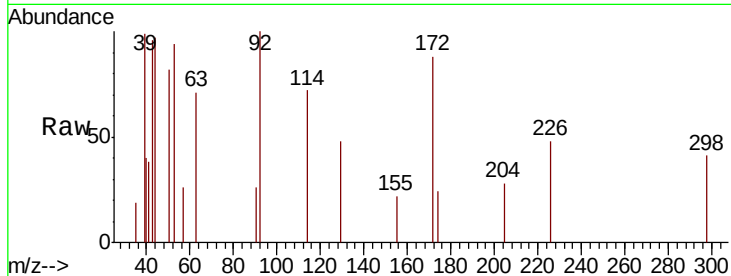
#51
2-Hexanone
Concen: 0.004 ppbv
RT: 10.15 min Scan# 2290
Delta R.T. 0.02 min
Lab File: VL037429.D
Acq: 13 Aug 2021 1:19

Instrument :
MSVOA_L
ClientSampled :
SVP-1REDL

Tot Ion	Ratio	Lower	Upper
43	100		
58	0.0	39.9	59.9#
98	0.0	0.2	0.2#

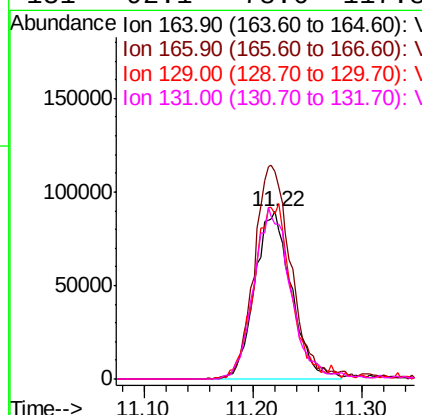
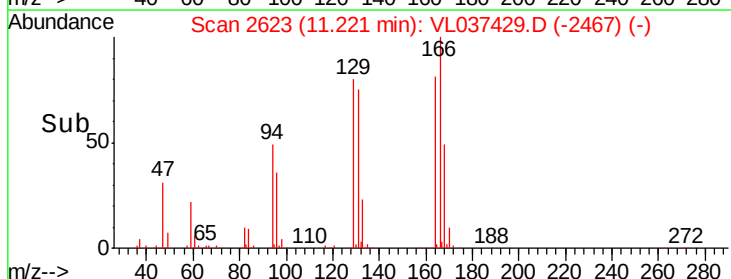
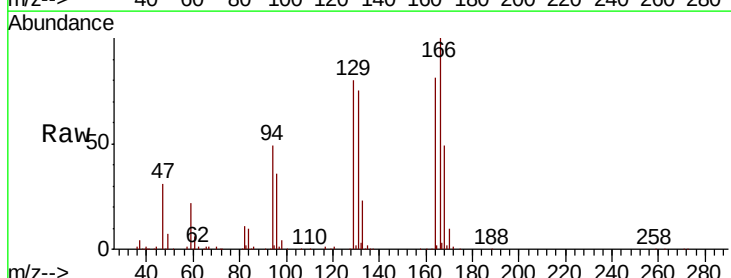
Manual Integrations
APPROVED

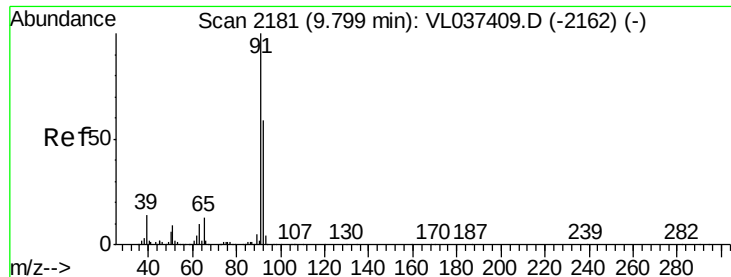
apatel
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#52
Tetrachloroethene
Concen: 1.540 ppbv m
RT: 11.22 min Scan# 2623
Delta R.T. 0.00 min
Lab File: VL037429.D
Acq: 13 Aug 2021 1:19

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.5	98.6	147.8
129	98.3	82.0	123.0
131	92.1	78.6	117.8





#53

Toluene

Concen: 0.558 ppbv

RT: 9.80 min Scan# 2181

Delta R.T. 0.00 min

Lab File: VL037429.D

Acq: 13 Aug 2021 1:19

Instrument :

MSVOA_L

ClientSampleId :

SVP-1REDL

Tot Ion: 91 Resp: 205745

Ion Ratio Lower Upper

91 100

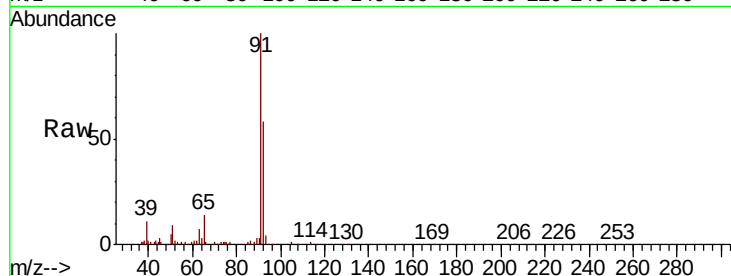
92 61.0 49.0 73.6

Manual Integrations

APPROVED

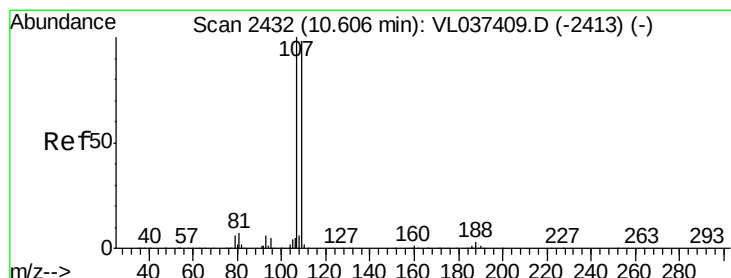
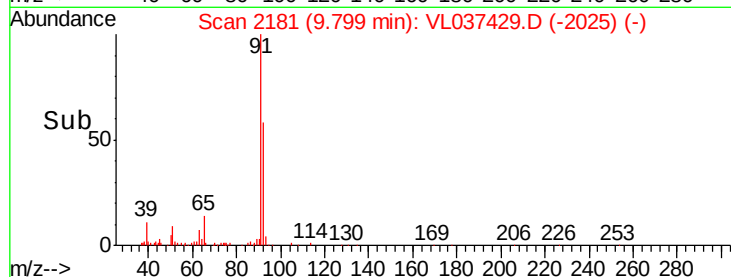
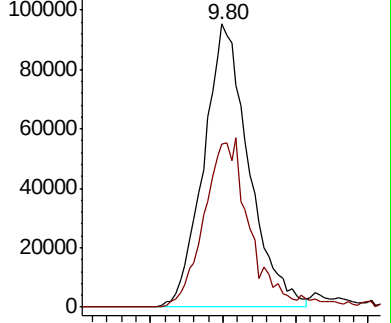
apatel

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Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0



#54

1,2-Dibromoethane

Concen: 0.001 ppbv

RT: 10.59 min Scan# 2428

Delta R.T. -0.01 min

Lab File: VL037429.D

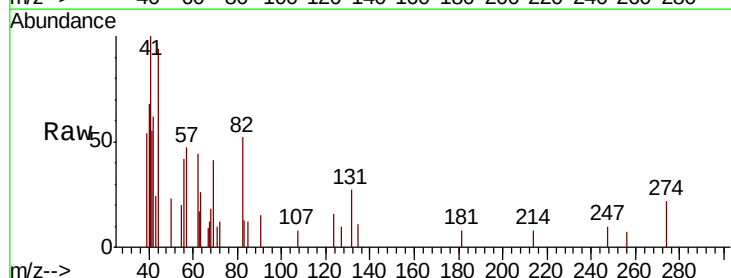
Acq: 13 Aug 2021 1:19

Tgt Ion: 107 Resp: 91

Ion Ratio Lower Upper

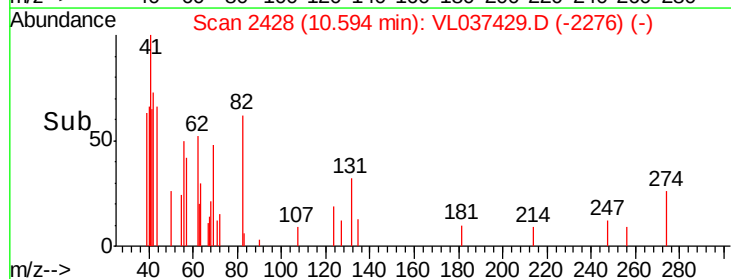
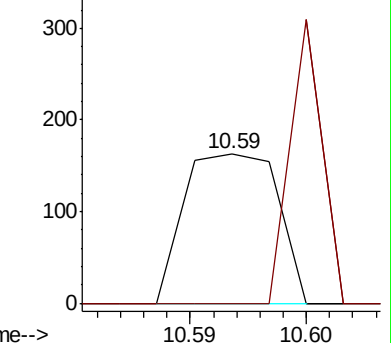
107 100

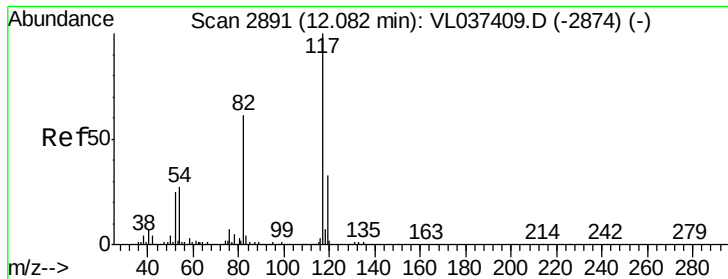
109 0.0 78.4 117.6#



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





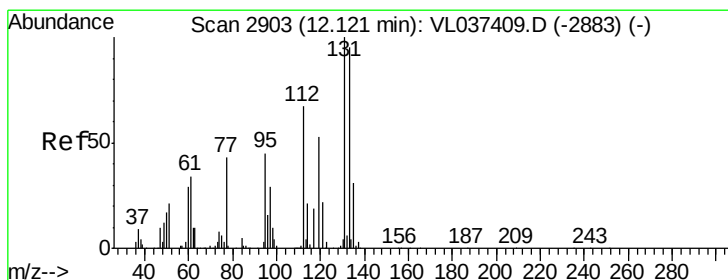
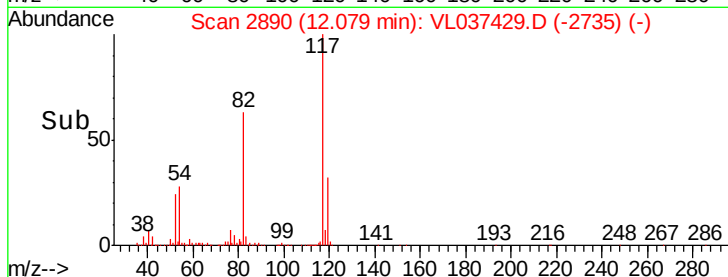
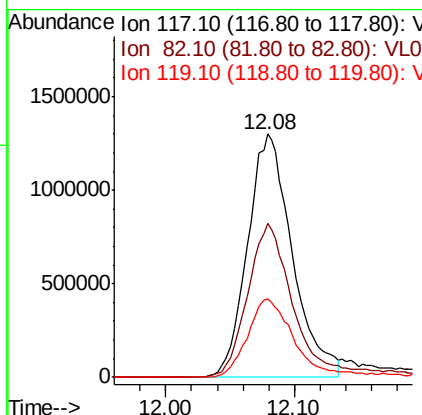
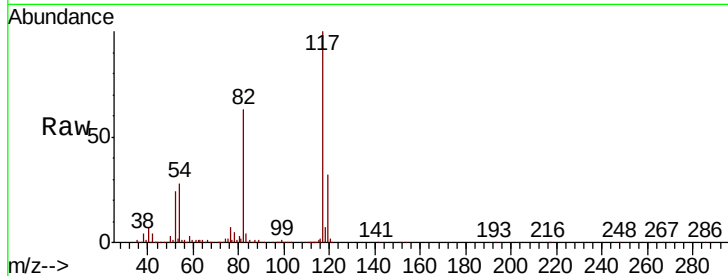
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2890
Delta R.T. -0.00 min
Lab File: VL037429.D
Acq: 13 Aug 2021 1:19

Instrument :
MSVOA_L
ClientSampleId :
SVP-1REDL

Tot Ion:117 Resp: 3139006
Ion Ratio Lower Upper
117 100
82 70.3 53.1 79.7
119 34.3 28.0 42.0

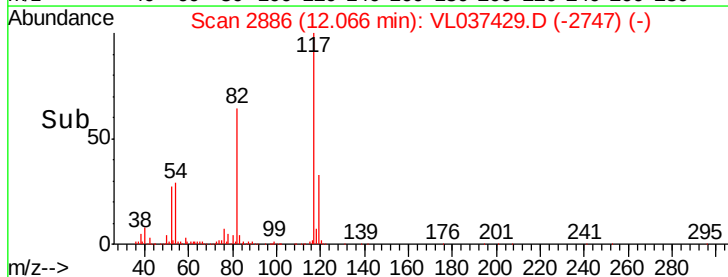
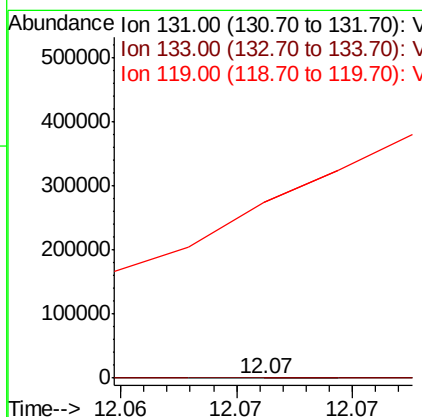
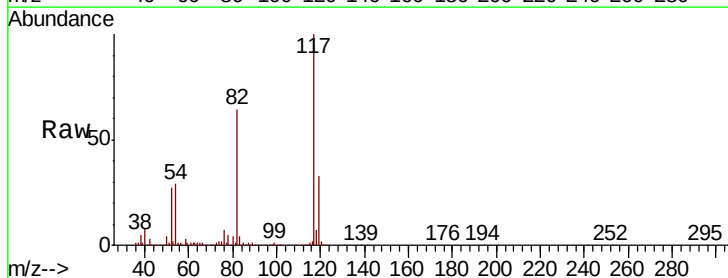
Manual Integrations
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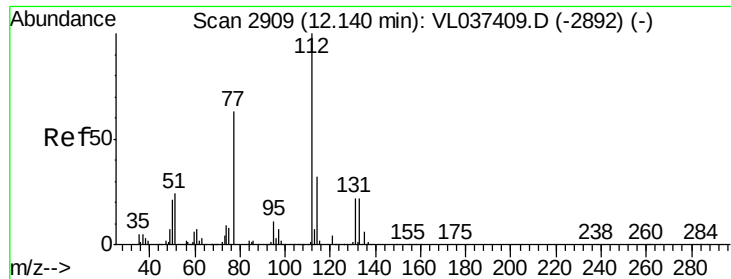
apatel
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#56
1,1,1,2-Tetrachloroethane
Concen: 0.000 ppbv
RT: 12.07 min Scan# 2886
Delta R.T. -0.05 min
Lab File: VL037429.D
Acq: 13 Aug 2021 1:19

Tgt Ion:131 Resp: 35
Ion Ratio Lower Upper
131 100
133 0.0 77.1 115.7#
119 3282308.6 59.7 89.5#





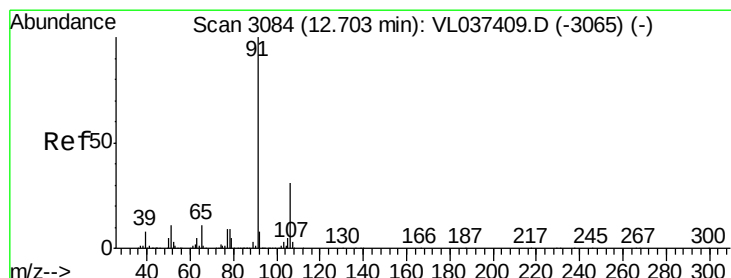
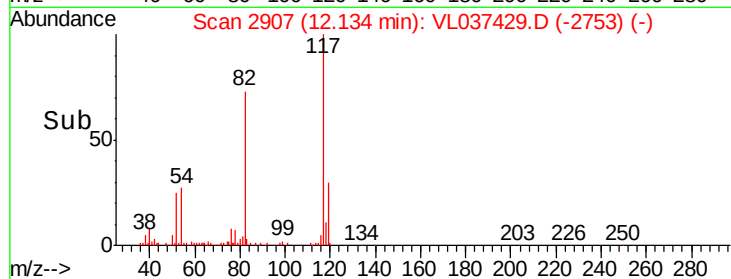
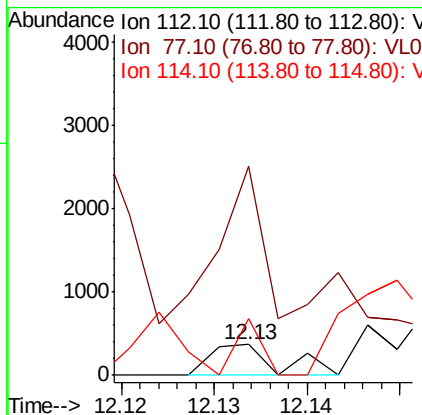
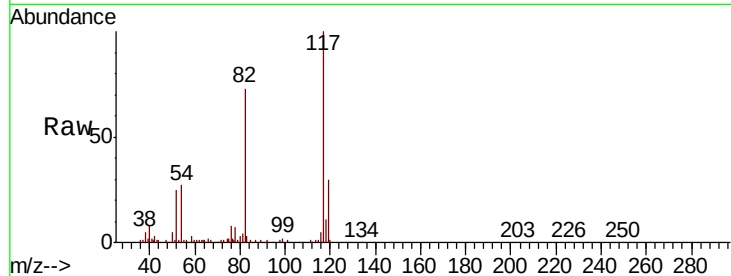
#57
Chlorobenzene
Concen: 0.001 ppbv
RT: 12.13 min Scan# 2907
Delta R.T. -0.01 min
Lab File: VL037429.D
Acq: 13 Aug 2021 1:19

Instrument :
MSVOA_L
ClientSampleId :
SVP-1REDL

Tot Ion	Ratio	Lower	Upper
112	100		
77	410.7	50.0	75.0#
114	107.0	28.5	34.9#

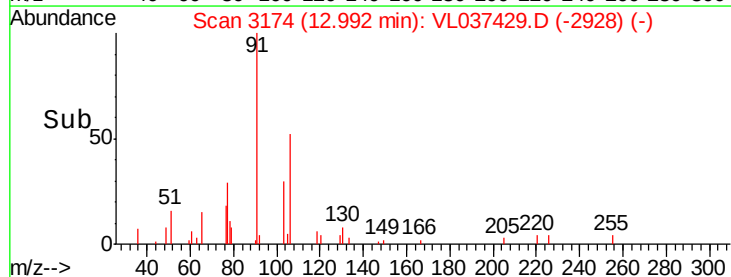
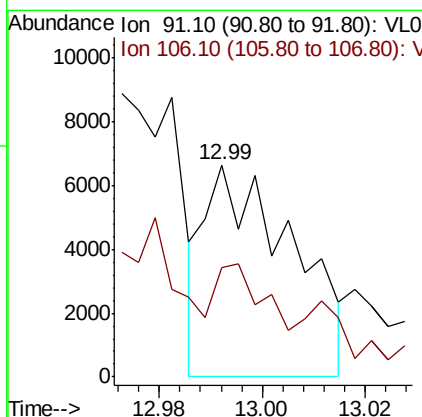
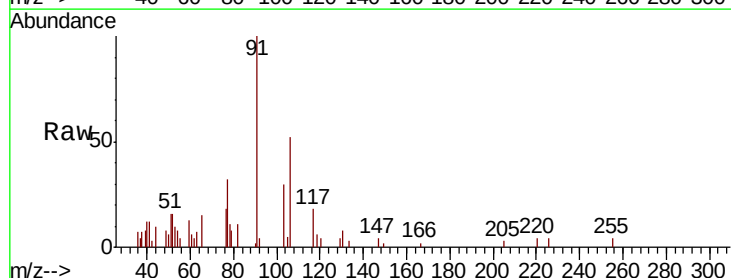
Manual Integrations
APPROVED

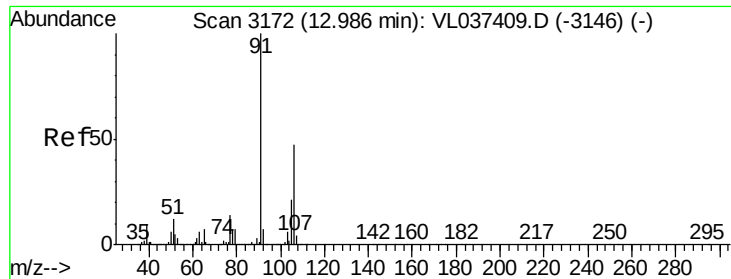
apatel
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#58
Ethyl Benzene
Concen: 0.018 ppbv
RT: 12.99 min Scan# 3174
Delta R.T. 0.29 min
Lab File: VL037429.D
Acq: 13 Aug 2021 1:19

Tgt Ion	Ratio	Lower	Upper
91	100		
106	36.7	24.7	37.1





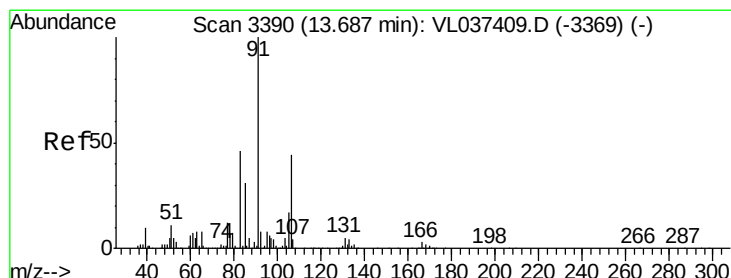
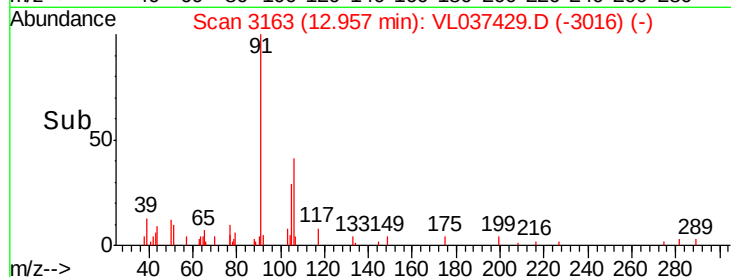
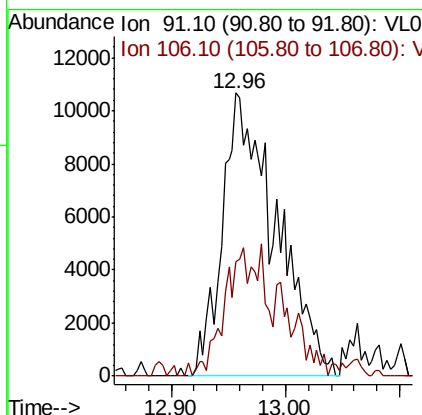
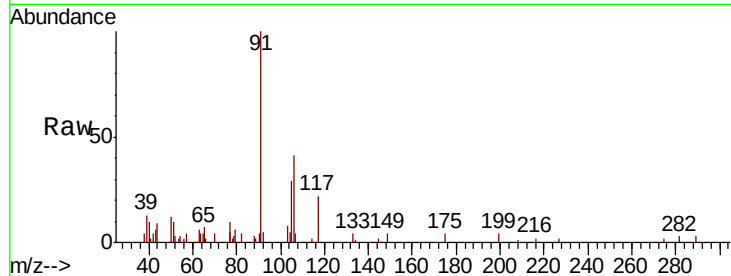
#59
m/p-Xylene
Concen: 0.093 ppbv m
RT: 12.96 min Scan# 3163
Delta R.T. -0.03 min
Lab File: VL037429.D
Acq: 13 Aug 2021 1:19

Instrument :
MSVOA_L
ClientSampleId :
SVP-1REDL

Tot Ion: 91 Resp: 34735
Ion Ratio Lower Upper
91 100
106 0.0 36.6 54.8#

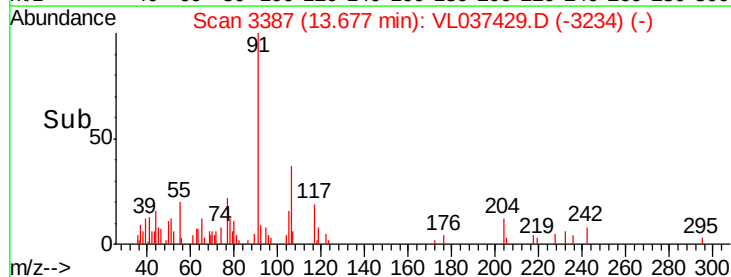
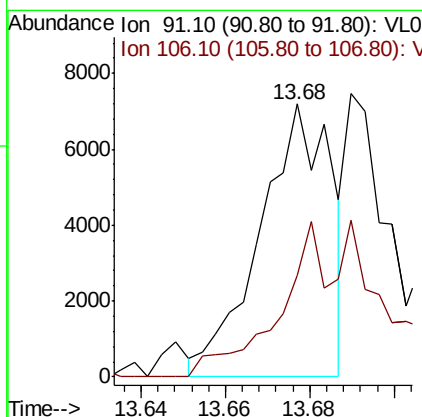
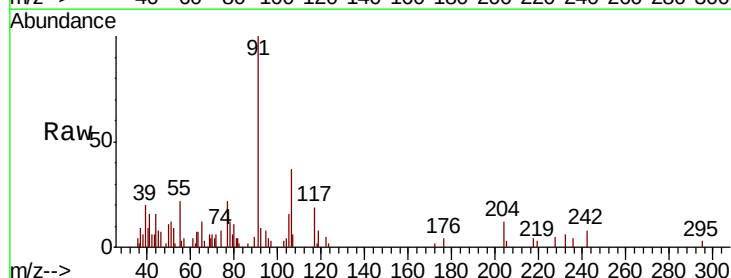
Manual Integrations
APPROVED

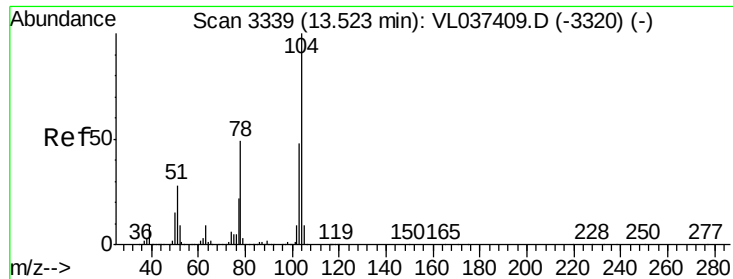
apatel
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#60
o-Xylene
Concen: 0.024 ppbv
RT: 13.68 min Scan# 3387
Delta R.T. -0.01 min
Lab File: VL037429.D
Acq: 13 Aug 2021 1:19

Tgt Ion: 91 Resp: 8383
Ion Ratio Lower Upper
91 100
106 0.0 24.1 72.2#





#61

Stvrene

Concen: 0.002 ppbv

RT: 13.53 min Scan# 3341

Delta R.T. 0.01 min

Lab File: VL037429.D

Acq: 13 Aug 2021 1:19

Instrument :

MSVOA_L

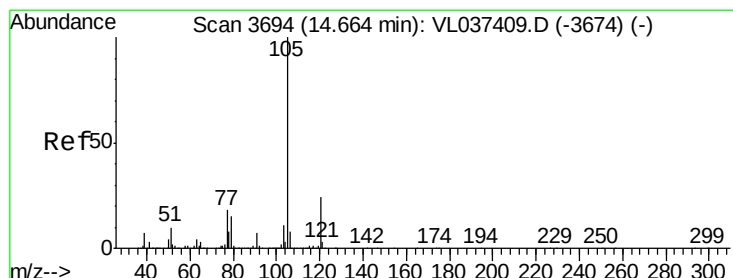
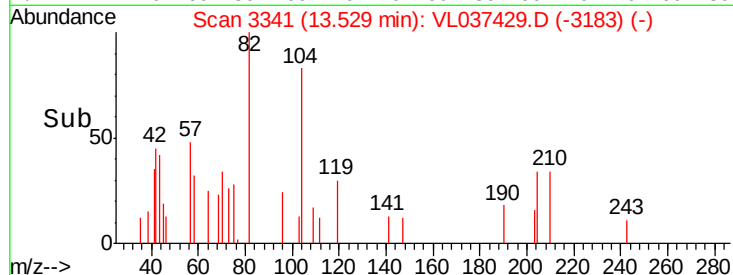
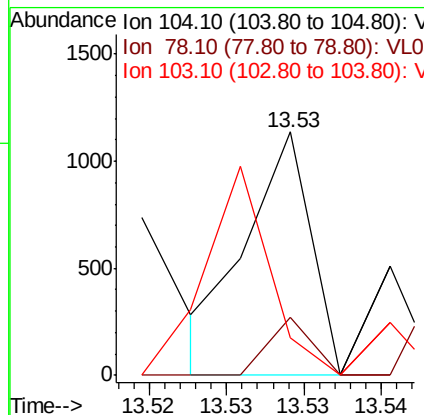
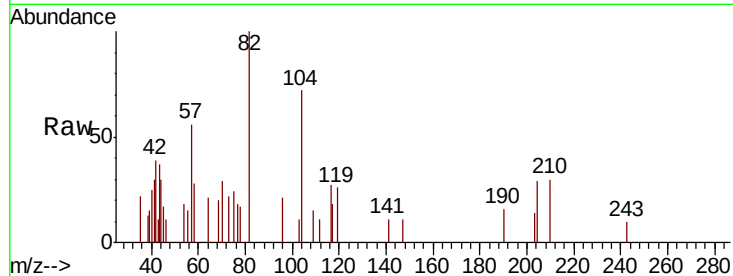
ClientSampled :

SVP-1REDL

Tot Ion:	104	Resp:	325
Ion Ratio	Lower	Upper	
104	100		
78	0.0	41.5	62.3#
103	168.6	40.2	60.2#

Manual Integrations
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apatel
8/13/2021 3:03:15 PM



#62

Isopropylbenzene

Concen: 0.000 ppbv

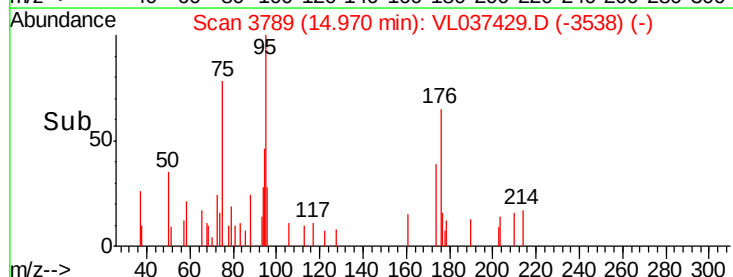
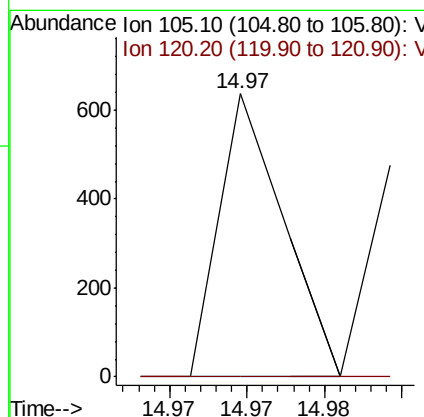
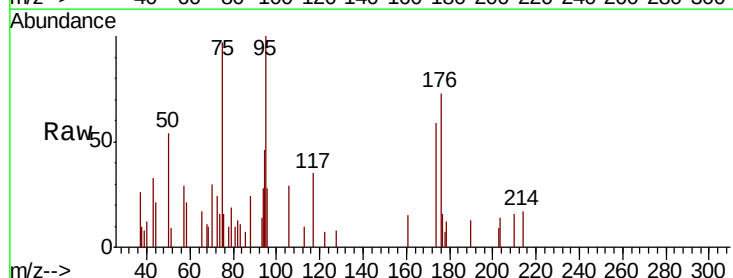
RT: 14.97 min Scan# 3789

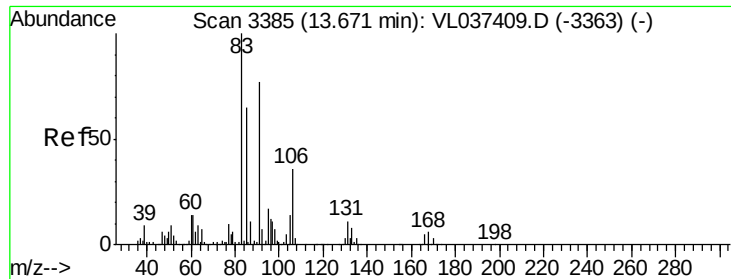
Delta R.T. 0.31 min

Lab File: VL037429.D

Acq: 13 Aug 2021 1:19

Tgt Ion:	105	Resp:	183
Ion Ratio	Lower	Upper	
105	100		
120	25.7	21.6	32.4





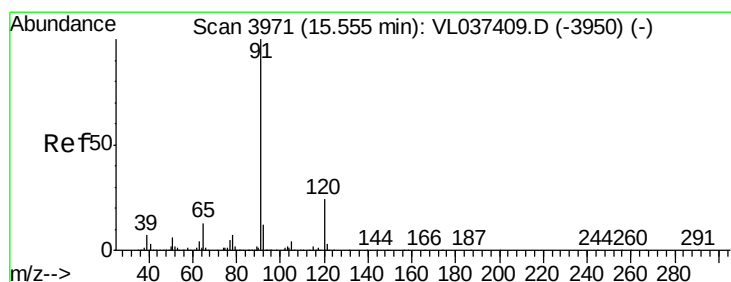
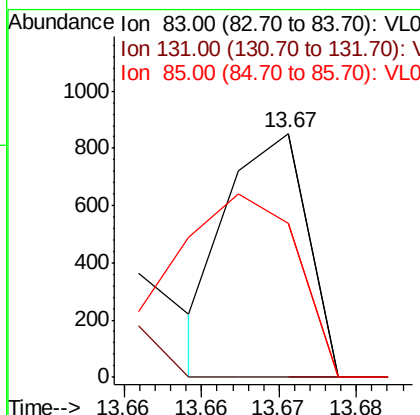
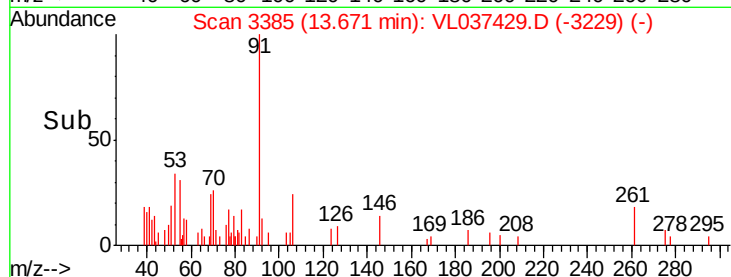
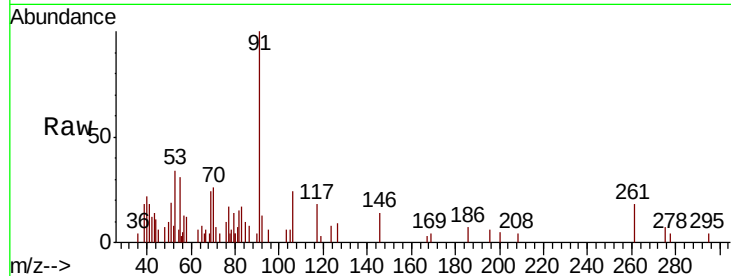
#63
1,1,2,2-Tetrachloroethane
Concen: 0.001 ppbv
RT: 13.67 min Scan# 3385
Delta R.T. 0.00 min
Lab File: VL037429.D
Acq: 13 Aug 2021 1:19

Instrument :
MSVOA_L
ClientSampled :
SVP-1REDL

Tot Ion	83	Resp	303
Ion Ratio	100	Lower	Upper
83	100		
131	0.0	5.1	15.4#
85	150.5	33.4	100.2#

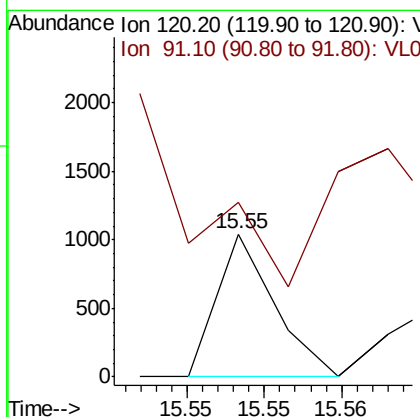
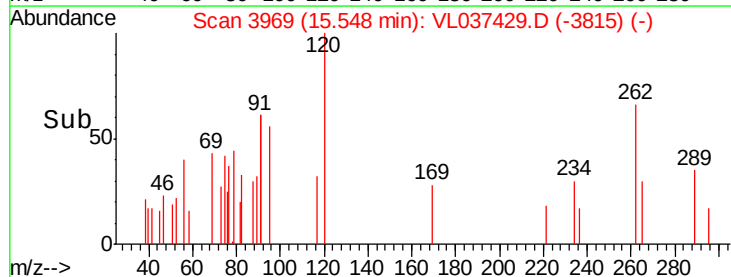
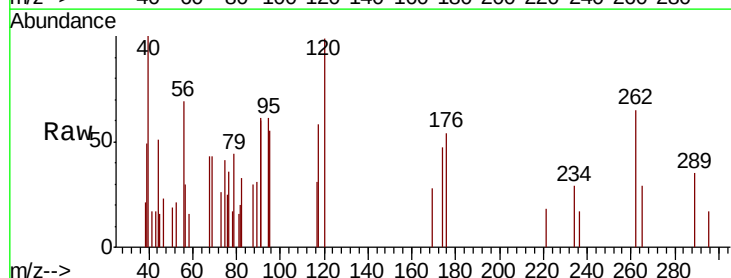
Manual Integrations
APPROVED

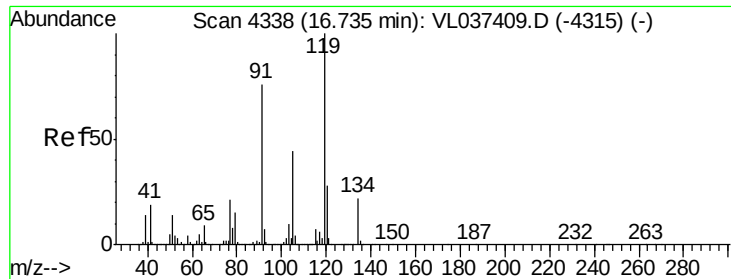
apatel
8/13/2021 3:03:15 PM



#64
n-propylbenzene
Concen: 0.002 ppbv
RT: 15.55 min Scan# 3969
Delta R.T. -0.01 min
Lab File: VL037429.D
Acq: 13 Aug 2021 1:19

Tgt Ion	120	Resp	267
Ion Ratio	100	Lower	Upper
120	100		
91	561.0	388.4	582.6





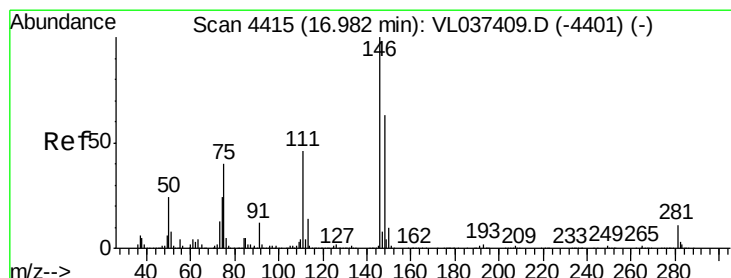
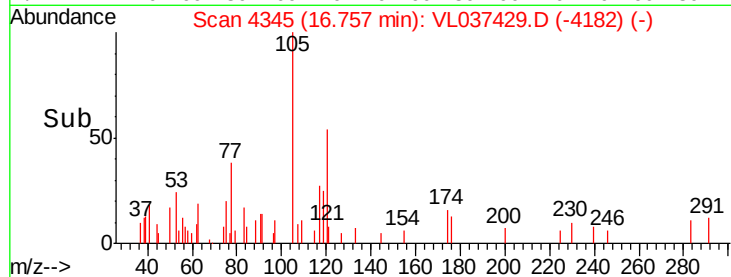
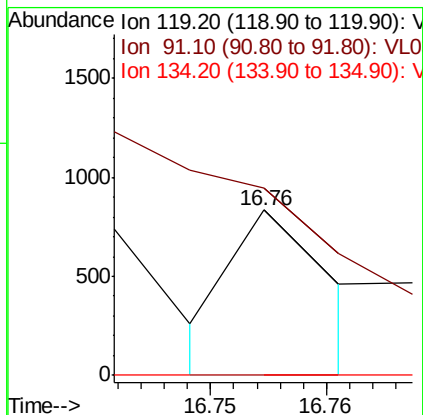
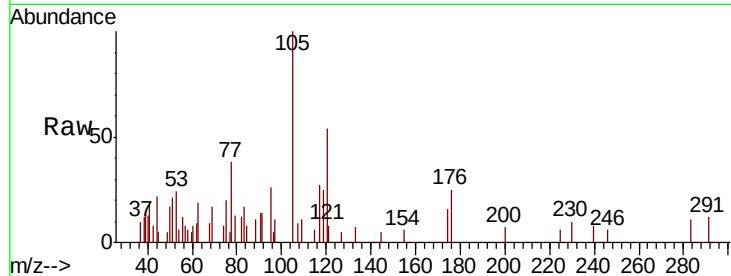
#65
tert-Butylbenzene
Concen: 0.001 ppbv
RT: 16.76 min Scan# 4345
Delta R.T. 0.02 min
Lab File: VL037429.D
Acq: 13 Aug 2021 1:19

Instrument :
MSVOA_L
ClientSampled :
SVP-1REDL

Tot Ion	Ratio	Lower	Upper
119	100		
91	814.7	62.2	93.4#
134	0.0	16.1	24.1#

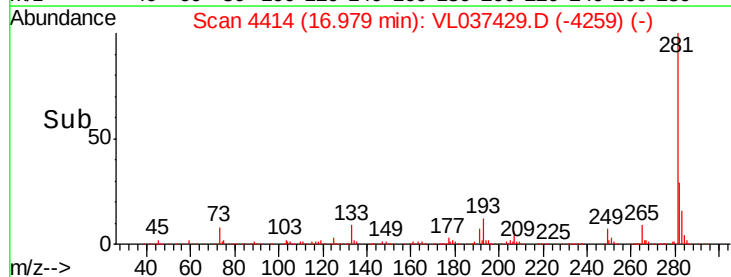
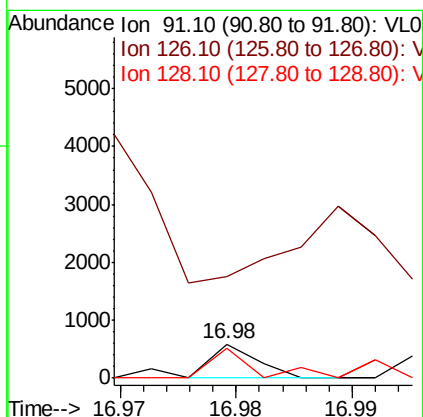
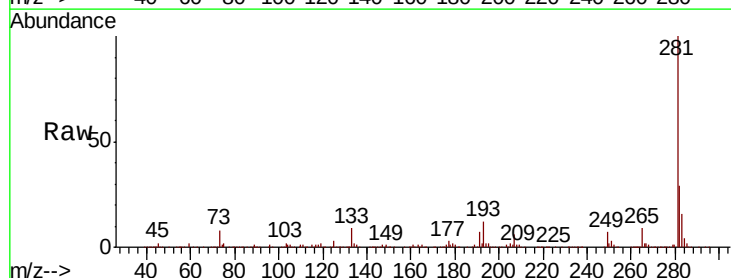
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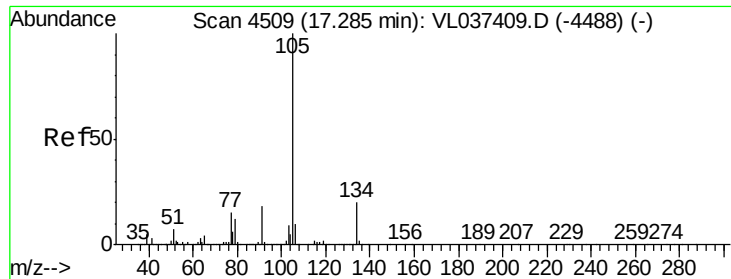
apatel
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#66
Benzyl Chloride
Concen: 0.008 ppbv
RT: 16.98 min Scan# 4414
Delta R.T. -0.00 min
Lab File: VL037429.D
Acq: 13 Aug 2021 1:19

Tgt Ion	Ratio	Lower	Upper
91	100		
126	0.0	14.3	21.5#
128	122.8	4.6	7.0#





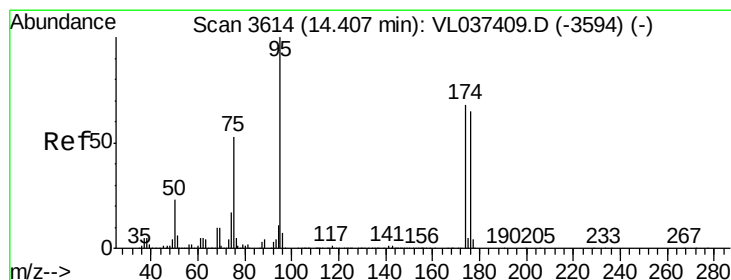
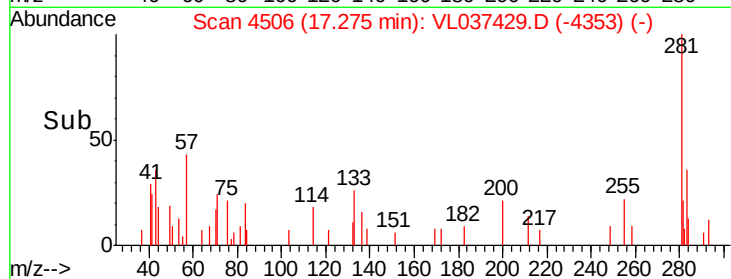
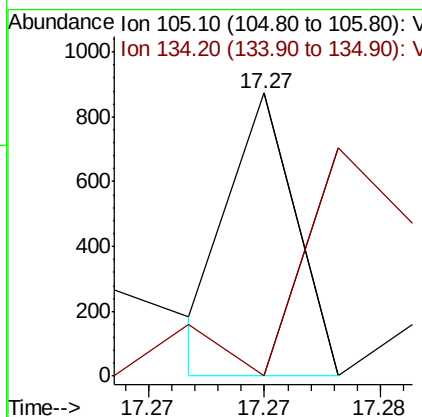
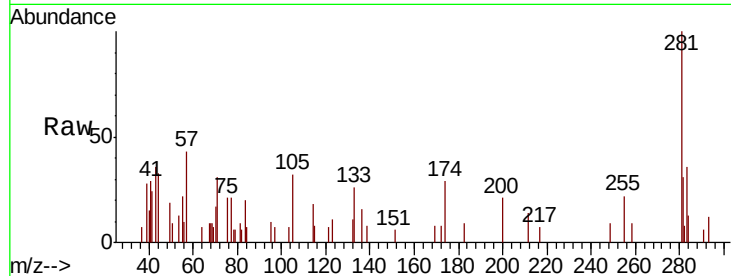
#67
 sec-Butylbenzene
 Concen: 0.000 ppbv
 RT: 17.27 min Scan# 4506
 Delta R.T. -0.01 min
 Lab File: VL037429.D
 Acq: 13 Aug 2021 1:19

Instrument :
 MSVOA_L
 ClientSampled :
 SVP-1REDL

Tot Ion: 105 Resp: 168
 Ion Ratio Lower Upper
 105 100
 134 0.0 15.4 23.0#

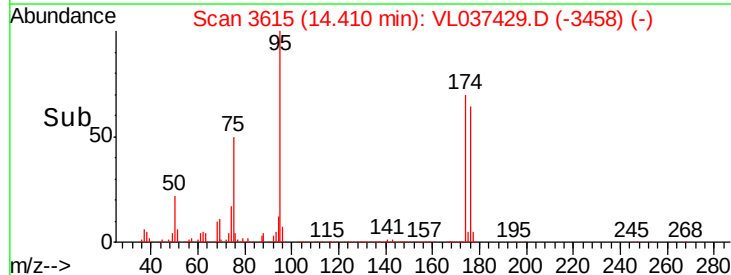
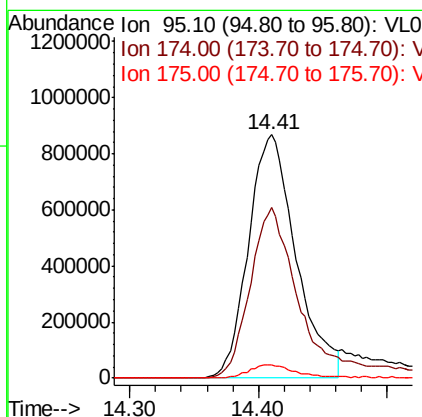
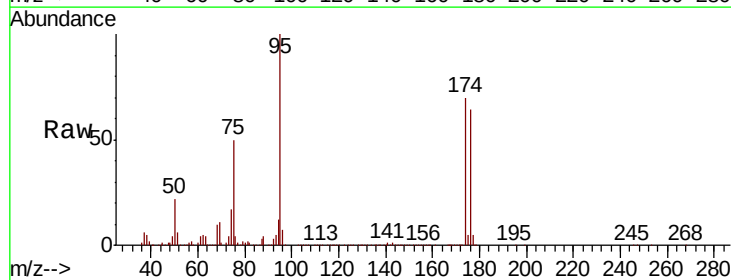
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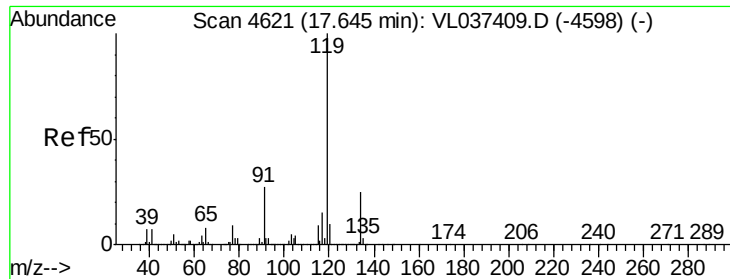
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#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.906 ppbv
 RT: 14.41 min Scan# 3615
 Delta R.T. 0.00 min
 Lab File: VL037429.D
 Acq: 13 Aug 2021 1:19

Tgt Ion: 95 Resp: 2230536
 Ion Ratio Lower Upper
 95 100
 174 79.5 59.6 89.4
 175 5.9 4.3 6.5





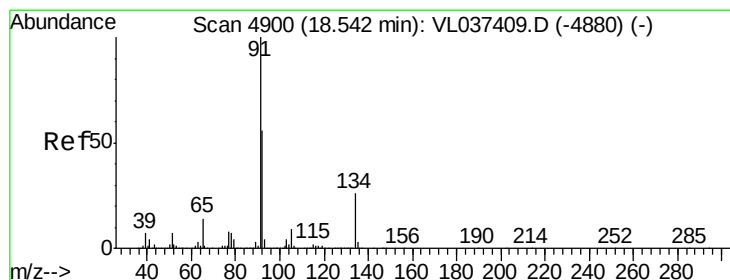
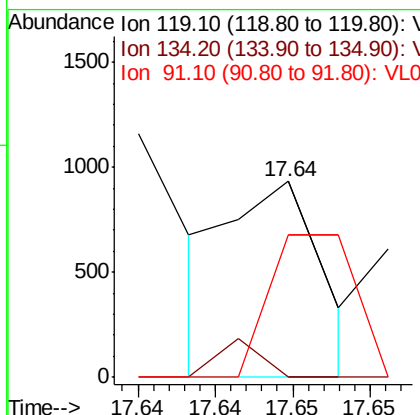
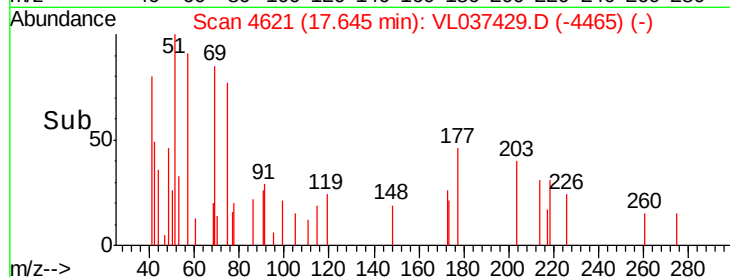
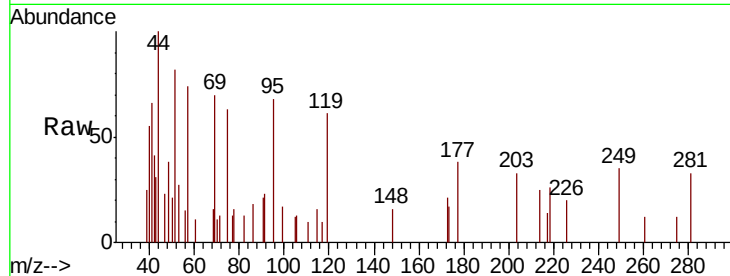
#69
 p-Isopropyltoluene
 Concen: 0.001 ppbv
 RT: 17.64 min Scan# 4621
 Delta R.T. 0.00 min
 Lab File: VL037429.D
 Acq: 13 Aug 2021 1:19

Instrument :
 MSVOA_L
 ClientSampled :
 SVP-1REDL

Tot Ion	Ratio	Lower	Upper
119	100		
134	9.3	20.6	31.0#
91	141.9	22.4	33.6#

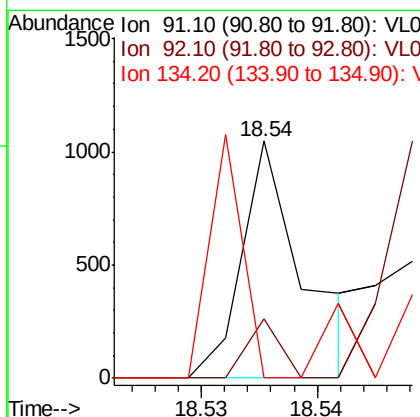
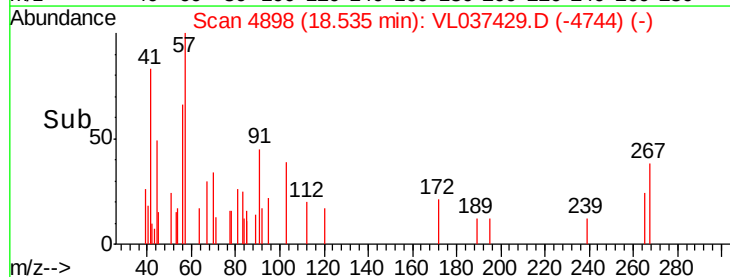
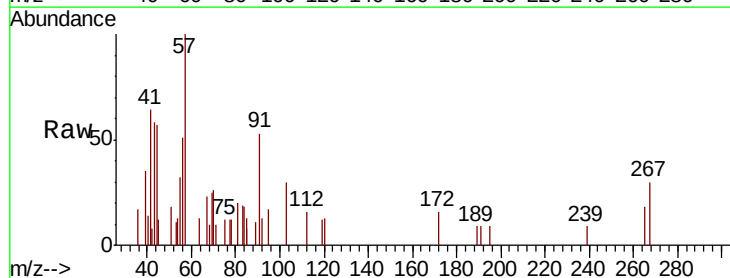
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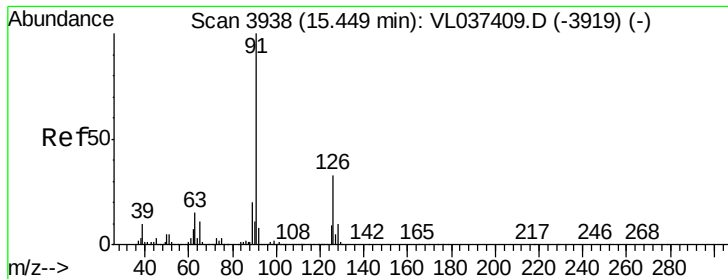
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#70
 n-Butylbenzene
 Concen: 0.001 ppbv
 RT: 18.54 min Scan# 4898
 Delta R.T. -0.01 min
 Lab File: VL037429.D
 Acq: 13 Aug 2021 1:19

Tgt Ion	Ratio	Lower	Upper
91	100		
92	0.0	44.2	66.2#
134	152.2	19.5	29.3#





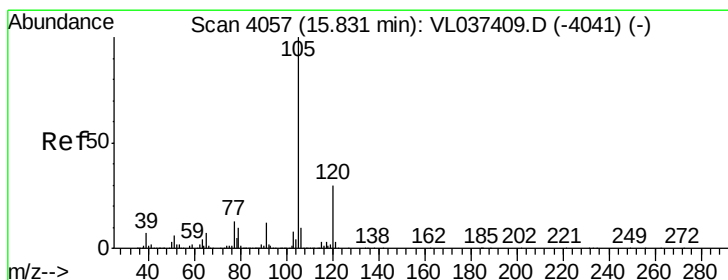
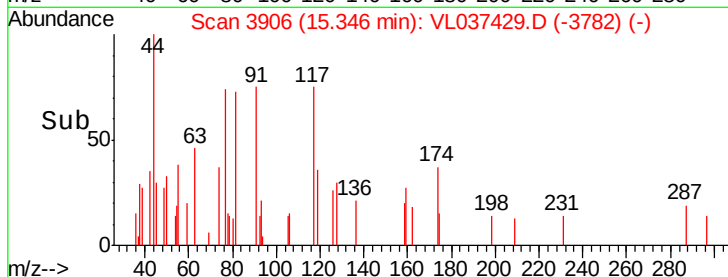
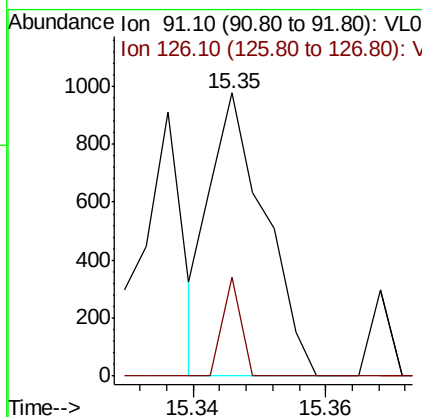
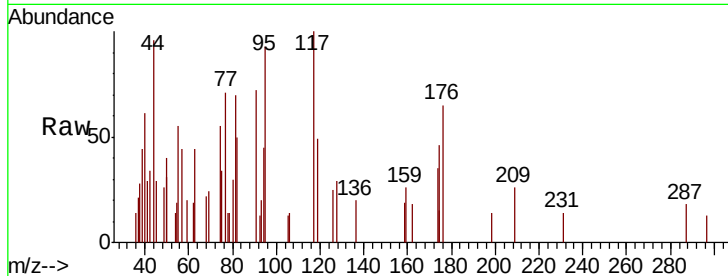
#71
 2-Chlorotoluene
 Concen: 0.002 ppbv
 RT: 15.35 min Scan# 3906
 Delta R.T. -0.10 min
 Lab File: VL037429.D
 Acq: 13 Aug 2021 1:19

Instrument :
 MSVOA_L
 ClientSampled :
 SVP-1REDL

Tot Ion	Ratio	Lower	Upper
91	100		
126	17.2	13.5	53.9

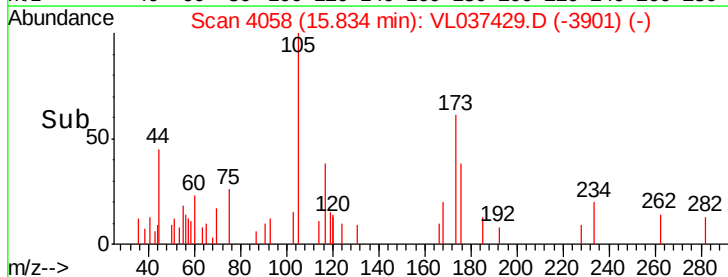
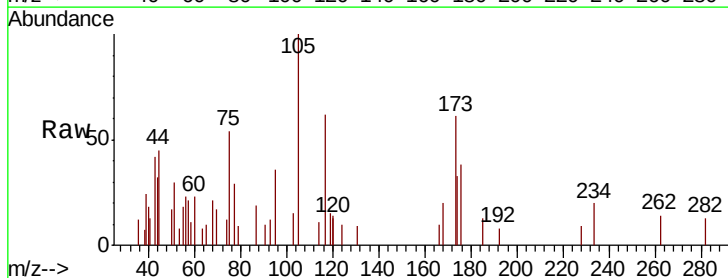
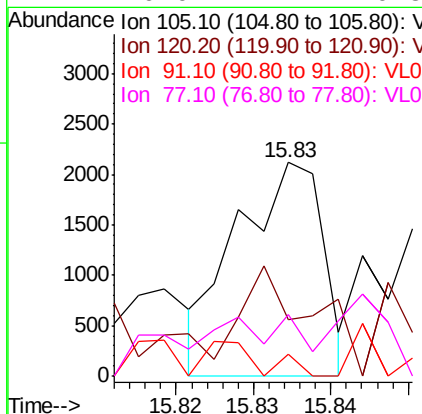
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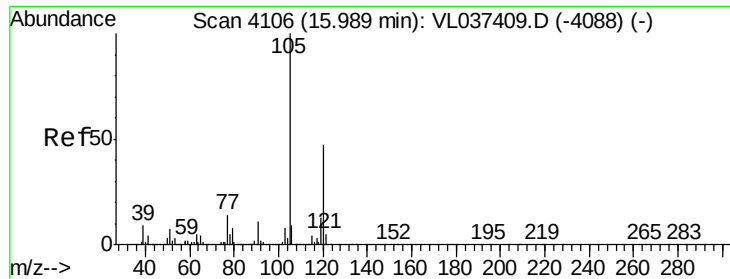
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#72
 4-Ethyltoluene
 Concen: 0.004 ppbv
 RT: 15.83 min Scan# 4058
 Delta R.T. 0.00 min
 Lab File: VL037429.D
 Acq: 13 Aug 2021 1:19

Tgt Ion	Ratio	Lower	Upper
105	100		
120	102.1	25.0	37.4#
91	0.0	11.2	16.8#
77	0.0	11.2	16.8#





#73

1,3,5-Trimethylbenzene

Concen: 0.003 ppbv

RT: 15.98 min Scan# 4104

Delta R.T. -0.01 min

Lab File: VL037429.D

Acq: 13 Aug 2021 1:19

Instrument :

MSVOA_L

ClientSampleId :

SVP-1REDL

Tot Ion:105 Resp: 1125

Ion Ratio Lower Upper

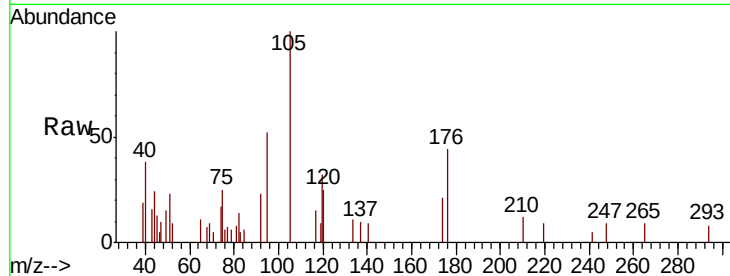
105 100

120 60.4 37.4 56.0#

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Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

3000

2000

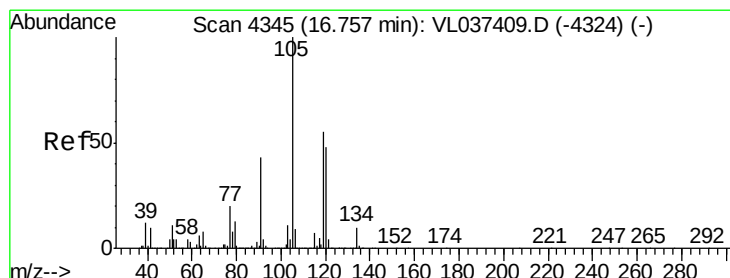
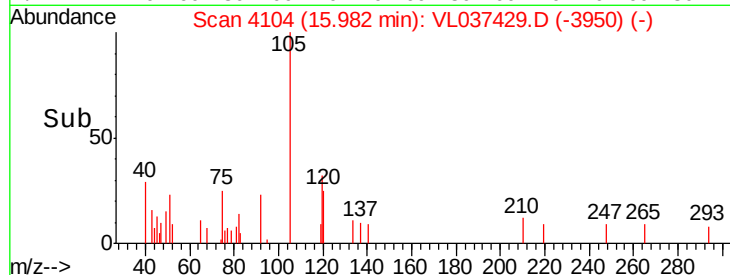
1000

0

15.97

15.98

Time-->



#74

1,2,4-Trimethylbenzene

Concen: 0.010 ppbv

RT: 16.75 min Scan# 4344

Delta R.T. -0.00 min

Lab File: VL037429.D

Acq: 13 Aug 2021 1:19

Tgt Ion:105 Resp: 3974

Ion Ratio Lower Upper

105 100

120 30.6 38.2 57.2#

91 10.6 35.4 53.2#

77 19.3 16.2 24.2

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): VLO

Ion 77.10 (76.80 to 77.80): VLO

6000

4000

2000

0

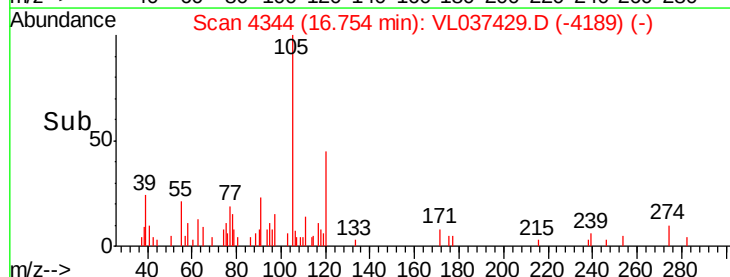
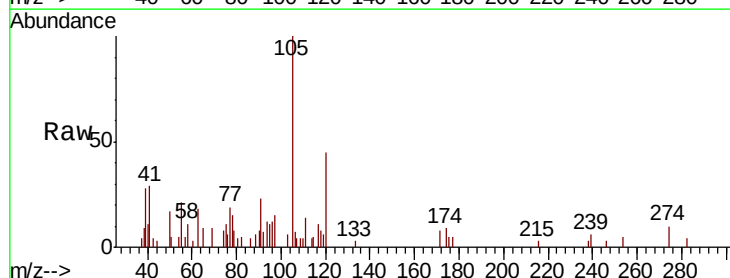
16.73

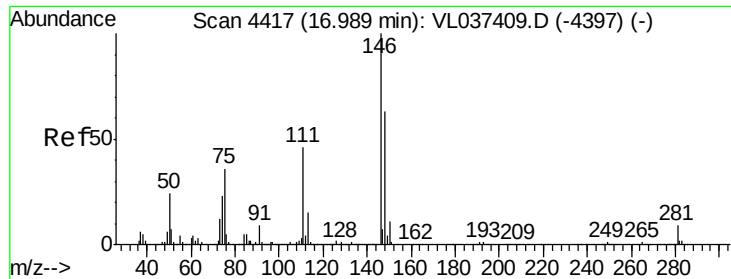
16.74

16.75

16.76

Time-->





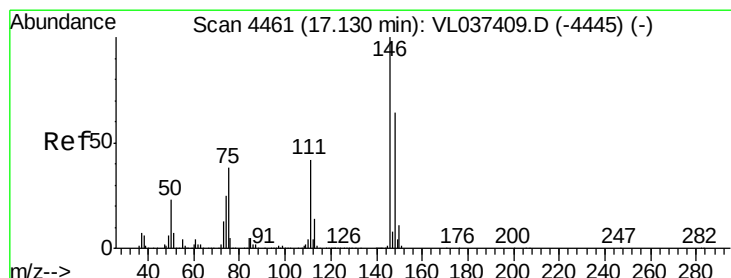
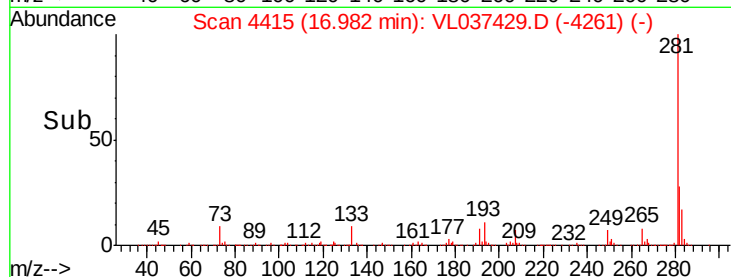
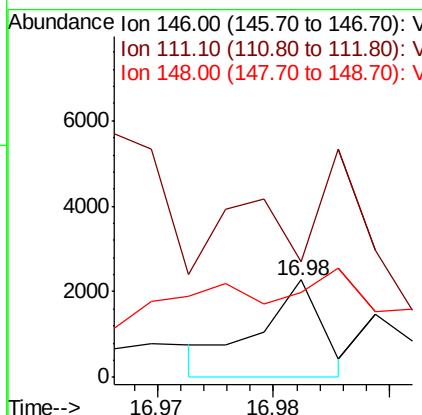
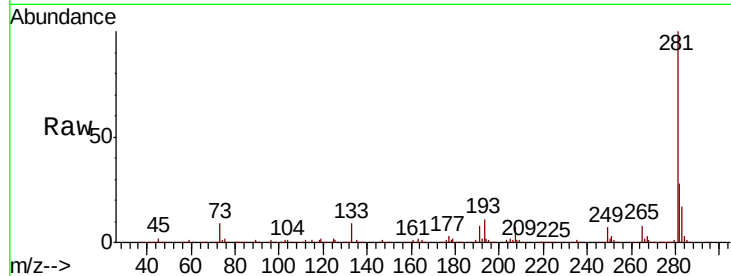
#75
 1,3-Dichlorobenzene
 Concen: 0.004 ppbv
 RT: 16.98 min Scan# 4415
 Delta R.T. -0.01 min
 Lab File: VL037429.D
 Acq: 13 Aug 2021 1:19

Instrument :
 MSVOA_L
 ClientSampled :
 SVP-1REDL

Tot Ion	Ratio	Lower	Upper
146	100		
111	0.0	22.9	68.7#
148	0.0	32.0	96.2#

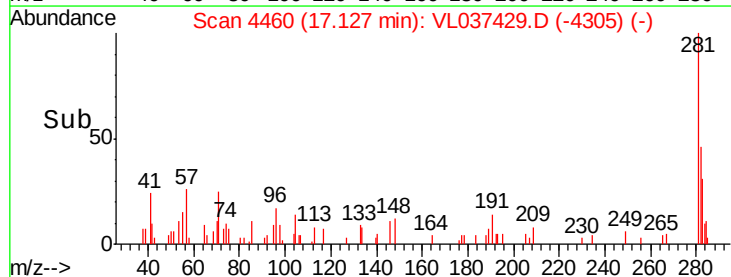
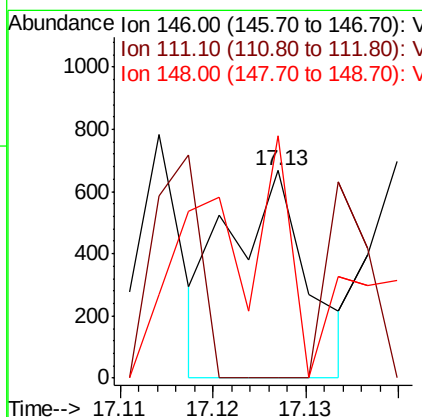
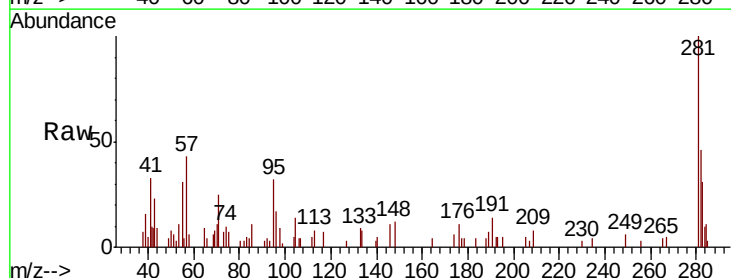
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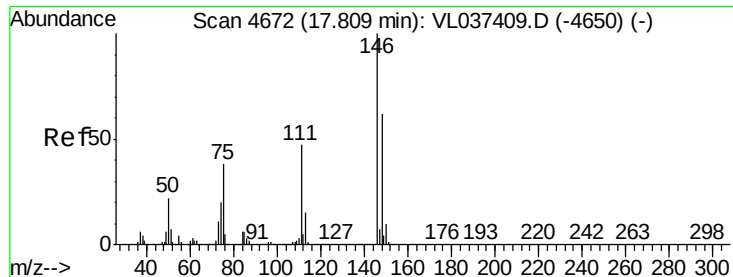
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#76
 1,4-Dichlorobenzene
 Concen: 0.002 ppbv
 RT: 17.13 min Scan# 4460
 Delta R.T. -0.00 min
 Lab File: VL037429.D
 Acq: 13 Aug 2021 1:19

Tgt Ion	Ratio	Lower	Upper
146	100		
111	0.0	22.8	68.4#
148	186.6	34.0	102.0#





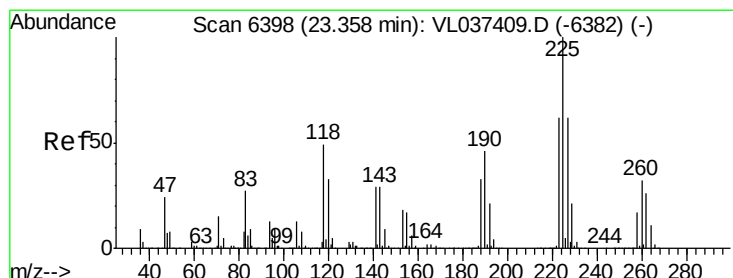
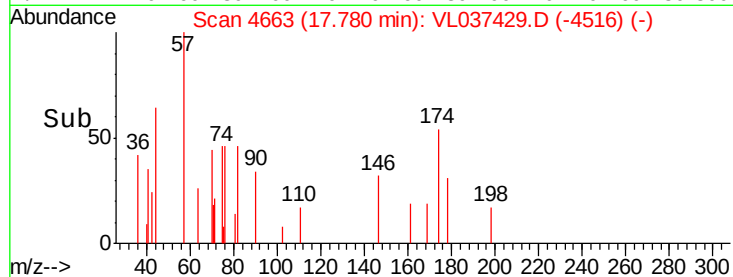
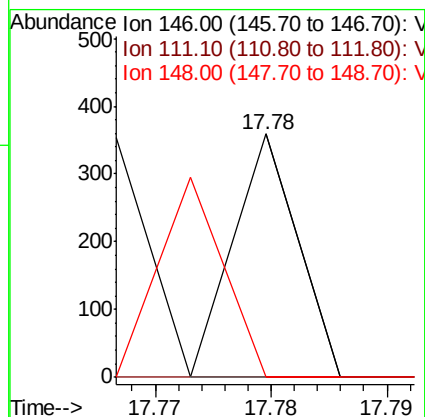
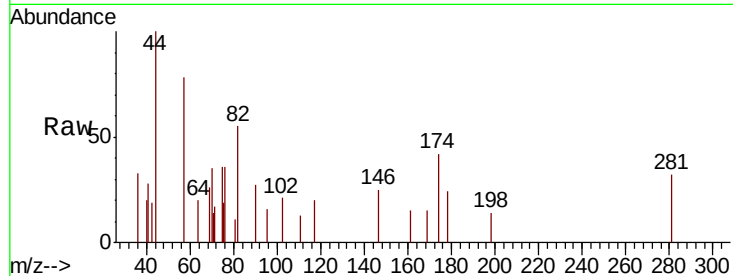
#77
 1,2-Dichlorobenzene
 Concen: 0.000 ppbv
 RT: 17.78 min Scan# 4663
 Delta R.T. -0.03 min
 Lab File: VL037429.D
 Acq: 13 Aug 2021 1:19

Instrument :
 MSVOA_L
 ClientSampled :
 SVP-1REDL

Tot Ion	Ratio	Lower	Upper
146	100		
111	249.3	23.8	71.5#
148	0.0	32.5	97.4#

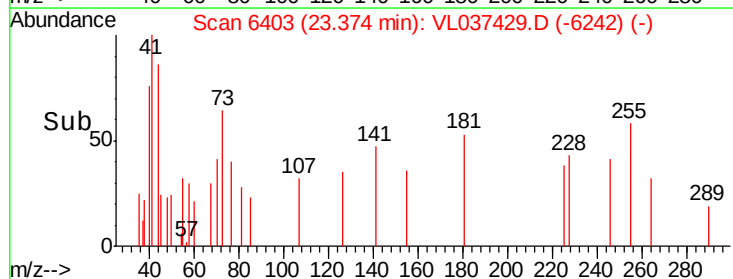
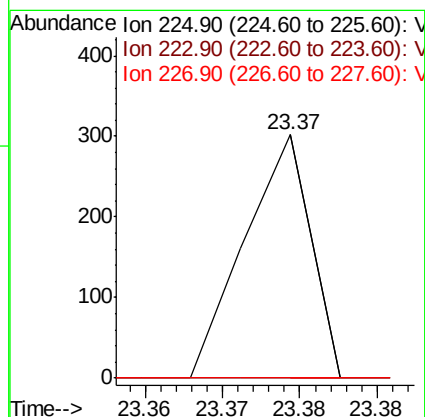
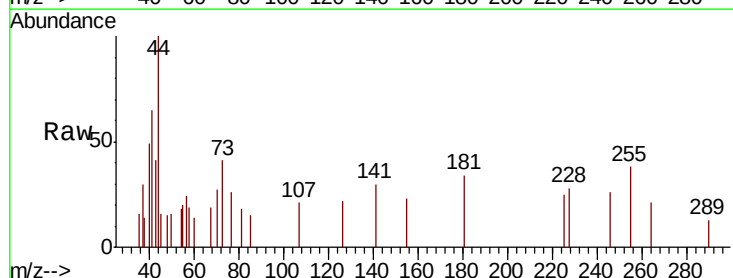
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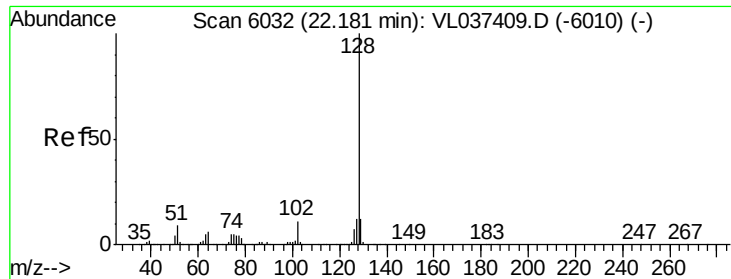
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#78
 Hexachloro-1,3-Butadiene
 Concen: 0.000 ppbv
 RT: 23.37 min Scan# 6403
 Delta R.T. 0.02 min
 Lab File: VL037429.D
 Acq: 13 Aug 2021 1:19

Tgt Ion	Ratio	Lower	Upper
225	100		
223	55.1	51.2	76.8
227	76.4	52.2	78.4





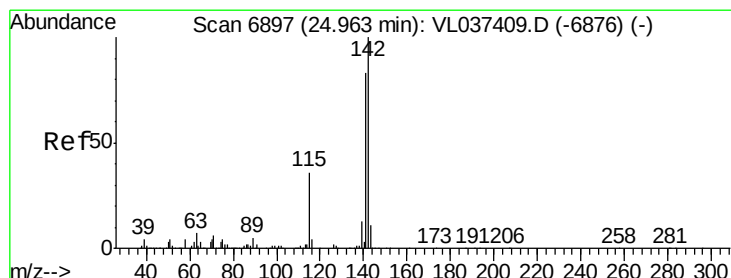
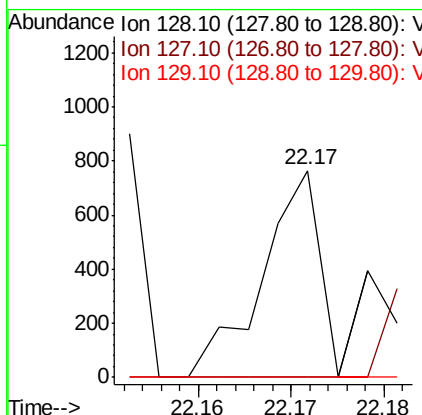
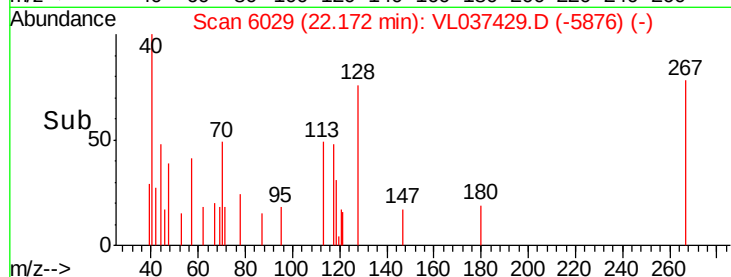
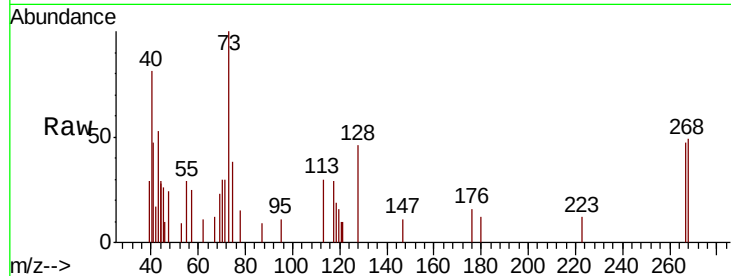
#79
Naphthalene
Concen: 0.002 ppbv
RT: 22.17 min Scan# 6029
Delta R.T. -0.01 min
Lab File: VL037429.D
Acq: 13 Aug 2021 1:19

Instrument :
MSVOA_L
ClientSampled :
SVP-1REDL

Tot Ion	Ratio	Lower	Upper
128	100		
127	0.0	9.9	14.9#
129	0.0	9.4	14.0#

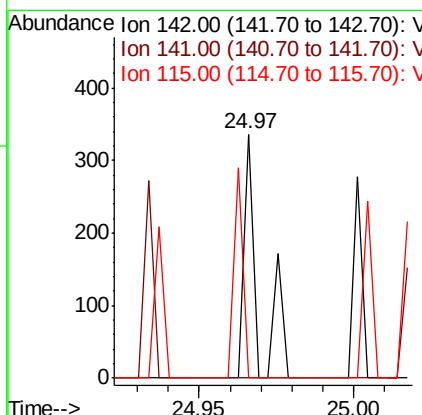
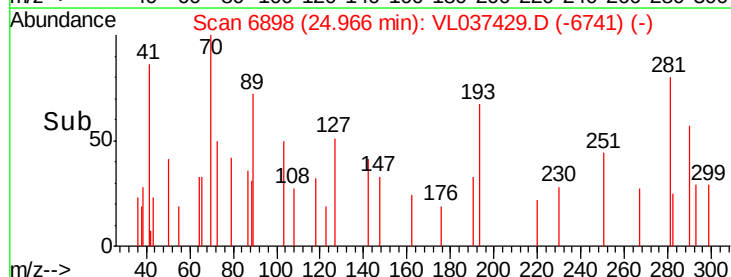
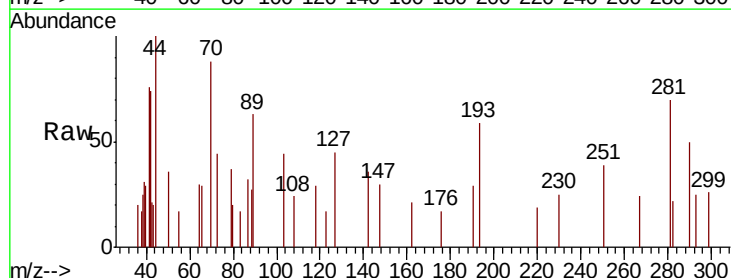
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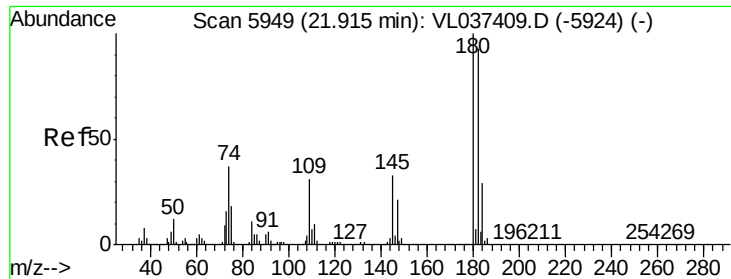
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#80
Naphthalene, 2-methyl-
Concen: 0.002 ppbv
RT: 24.97 min Scan# 6898
Delta R.T. 0.00 min
Lab File: VL037429.D
Acq: 13 Aug 2021 1:19

Tgt Ion	Ratio	Lower	Upper
142	100		
141	0.0	68.7	103.1#
115	90.8	32.7	49.1#





#81
 1,2,4-Trichlorobenzene
 Concen: 0.001 ppbv
 RT: 21.94 min Scan# 5958
 Delta R.T. 0.03 min
 Lab File: VL037429.D
 Acq: 13 Aug 2021 1:19

Instrument :
 MSVOA_L
 ClientSampleId :
 SVP-1REDL

Tot Ion	Ratio	Lower	Upper
180	100		
182	115.7	78.6	118.0
184	91.2	24.6	36.8

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