

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081221\
 Data File : VL037435.D
 Acq On : 13 Aug 2021 5:35
 Operator : SY/AP
 Sample : M3211-04REDL 14.8X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SVP-4REDL

Manual Integrations
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 8/13/2021 3:03:26 PM

Quant Time: Aug 13 12:18:18 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	1225974	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3707608	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3054184	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2196596	10.03	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	3949	0.021	ppbv #	81
4) Chloromethane	3.14	50	2014	0.023	ppbv #	51
5) Vinyl Chloride	3.26	62	234	0.002	ppbv #	43
6) Bromomethane	3.34	94	123	0.002	ppbv #	4
7) Chloroethane	3.57	64	66	0.002	ppbv #	40
8) Dichlorotetrafluoroethane	3.20	85	369	0.002	ppbv	89
9) Propene	3.02	41	35466	0.439	ppbv	85
10) Heptane	8.12	43	1486	0.008	ppbv #	27
11) Trichlorofluoromethane	3.95	101	108977	0.538	ppbv	92
12) 1,1,2-Trichlorotrifluoroet	4.48	101	216	0.002	ppbv #	1
13) Ethanol	3.62	45	31296m	3.627	ppbv	
14) Bromoethene	3.74	108	117	0.002	ppbv #	1
15) Acetone	3.85	43	345215	2.655	ppbv #	73
17) tert-Butyl alcohol	4.31	59	123	0.001	ppbv #	72
18) 1,1-Dichloroethene	4.27	96	107	0.002	ppbv #	1
19) Isopropyl Alcohol	3.96	45	509	0.007	ppbv #	92
20) Methylene Chloride	4.34	84	224047	3.259	ppbv	92
21) Allyl Chloride	4.40	41	900	0.009	ppbv #	20
22) trans-1,2-Dichloroethene	4.65	96	107	0.002	ppbv #	1
24) 1,1-Dichloroethane	5.01	63	108	0.001	ppbv #	89
26) Hexane	5.68	57	179824	1.125	ppbv #	46
27) Carbon Disulfide	4.55	76	763	0.006	ppbv #	64
28) Methyl tert-Butyl Ether	5.03	73	195	0.001	ppbv #	52
29) Chloroform	5.75	83	19308m	0.086	ppbv	
30) Cyclohexane	7.12	84	478	0.004	ppbv #	1
31) cis-1,2-Dichloroethene	5.54	61	32	0.000	ppbv #	22
32) 1,1,1-Trichloroethane	6.51	97	234	0.001	ppbv #	1
34) 2-Butanone	5.25	43	357594	2.336	ppbv	93
35) Carbon Tetrachloride	7.01	117	10643m	0.047	ppbv	
36) Benzene	6.89	78	1578	0.005	ppbv #	71
37) 1,2-Dichloroethane	6.30	62	470	0.003	ppbv #	80
38) Trichloroethene	7.82	130	6794m	0.049	ppbv	
40) 1,4-Dioxane	7.83	88	205	0.007	ppbv #	100
41) Tetrahydrofuran	6.06	42	242457	3.449	ppbv	98
42) Bromodichloromethane	7.79	83	380	0.002	ppbv #	26
43) Methyl Methacrylate	8.00	69	137	0.001	ppbv #	1
44) 2,2,4-Trimethylpentane	7.86	57	2571	0.005	ppbv #	21
45) t-1,3-Dichloropropene	9.36	75	71	0.001	ppbv #	44
46) cis-1,3-Dichloropropene	8.71	75	117	0.001	ppbv #	1
47) 1,1,2-Trichloroethane	9.37	97	106	0.001	ppbv #	19
48) Dibromochloromethane	10.41	129	244	0.001	ppbv	73

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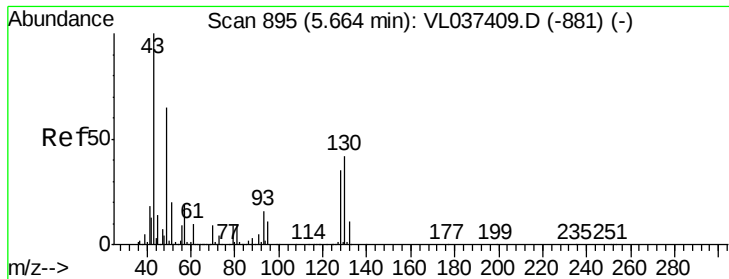
apatel
 8/13/2021 3:03:26 PM

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

49) Bromoform	13.31	173	96	0.001	ppbv	#	1
50) 4-Methyl-2-Pentanone	8.74	43	556	0.003	ppbv	#	38
51) 2-Hexanone	10.12	43	501	0.006	ppbv	#	28
52) Tetrachloroethene	11.22	164	439	0.003	ppbv	#	57
53) Toluene	9.79	91	3835	0.011	ppbv	#	20
54) 1,2-Dibromoethane	10.65	107	53	0.000	ppbv	#	1
56) 1,1,1,2-Tetrachloroethane	11.96	131	160	0.001	ppbv	#	1
57) Chlorobenzene	12.14	112	378	0.002	ppbv	#	1
58) Ethyl Benzene	12.73	91	968	0.002	ppbv		93
59) m/p-Xylene	12.99	91	3559	0.010	ppbv	#	31
60) o-Xylene	13.68	91	2315	0.007	ppbv	#	29
61) Styrene	13.52	104	741	0.004	ppbv	#	27
62) Isopropylbenzene	14.67	105	476	0.001	ppbv	#	48
63) 1,1,2,2-Tetrachloroethane	13.65	83	151	0.001	ppbv	#	1
64) n-propylbenzene	15.67	120	136	0.001	ppbv	#	1
65) tert-Butylbenzene	16.73	119	227	0.001	ppbv	#	20
66) Benzyl Chloride	16.98	91	451	0.023	ppbv	#	1
67) sec-Butylbenzene	17.28	105	313	0.001	ppbv	#	58
69) p-Isopropyltoluene	17.64	119	601	0.001	ppbv	#	48
70) n-Butylbenzene	18.54	91	401	0.001	ppbv	#	32
71) 2-Chlorotoluene	15.75	91	73	0.000	ppbv		87
72) 4-Ethyltoluene	15.83	105	1508	0.004	ppbv	#	69
73) 1,3,5-Trimethylbenzene	15.98	105	301	0.001	ppbv	#	30
74) 1,2,4-Trimethylbenzene	16.76	105	1806	0.005	ppbv	#	49
75) 1,3-Dichlorobenzene	16.99	146	1567	0.007	ppbv	#	1
76) 1,4-Dichlorobenzene	17.13	146	873	0.004	ppbv	#	1
77) 1,2-Dichlorobenzene	17.80	146	146	0.001	ppbv	#	1
78) Hexachloro-1,3-Butadiene	23.43	225	73	0.000	ppbv	#	1
79) Naphthalene	22.18	128	422	0.002	ppbv	#	69
80) Naphthalene,2-methyl-	24.89	142	217	0.005	ppbv		99
81) 1,2,4-Trichlorobenzene	21.92	180	160	0.001	ppbv	#	85

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 894

Delta R.T. -0.00 min

Lab File: VL037435.D

Acq: 13 Aug 2021 5:35

Instrument :

MSVOA_L

ClientSampleId :

SVP-4REDL

Tot Ion: 49 Resp: 1225974

Ion Ratio Lower Upper

49 100

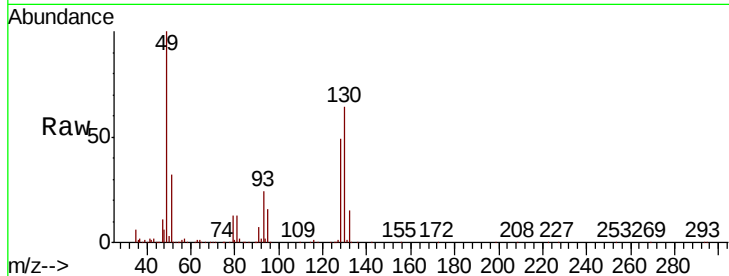
128 54.0 27.9 83.6

130 72.2 34.6 103.8

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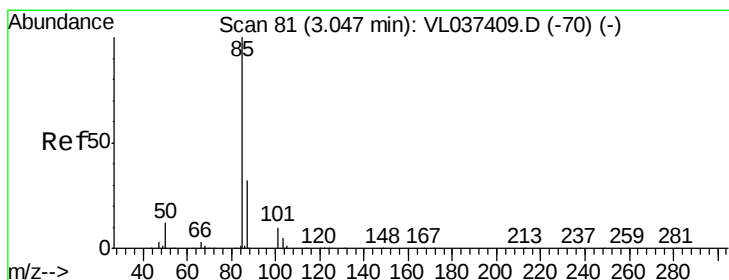
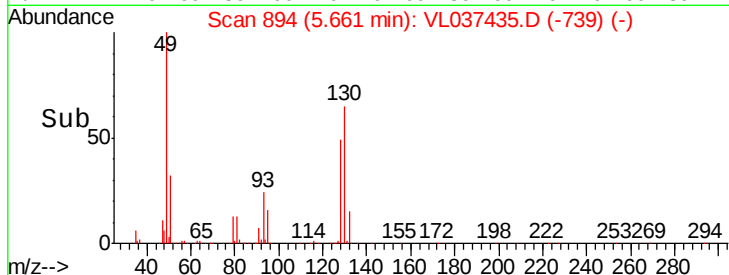
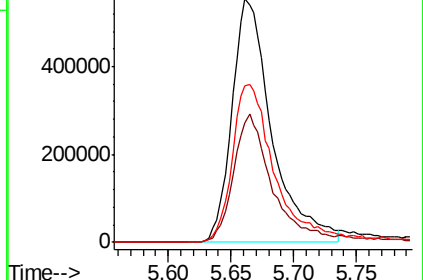
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#2

Dichlorodifluoromethane

Concen: 0.021 ppbv

RT: 3.05 min Scan# 81

Delta R.T. 0.00 min

Lab File: VL037435.D

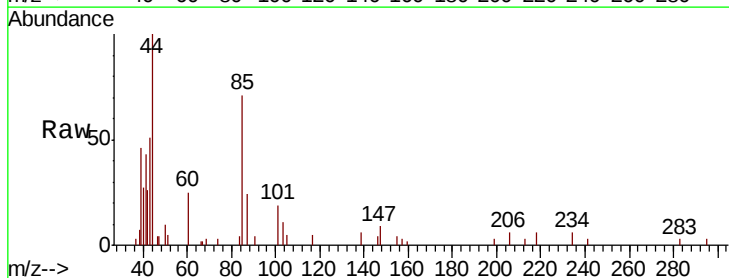
Acq: 13 Aug 2021 5:35

Tgt Ion: 85 Resp: 3949

Ion Ratio Lower Upper

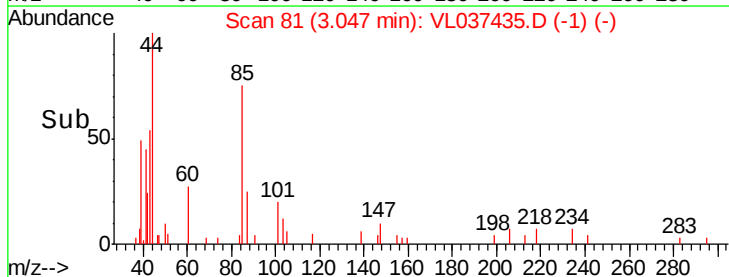
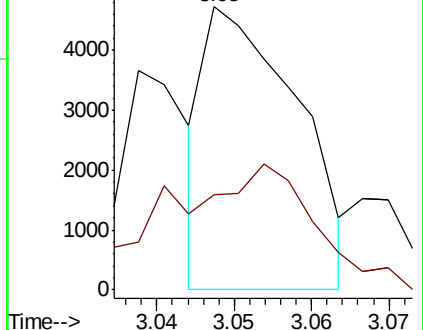
85 100

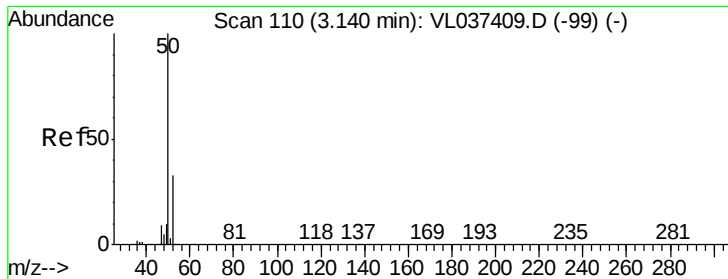
87 21.3 25.7 38.5#



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#4

Chloromethane

Concen: 0.023 ppbv

RT: 3.14 min Scan# 111

Delta R.T. 0.00 min

Lab File: VL037435.D

Acq: 13 Aug 2021 5:35

Instrument :

MSVOA_L

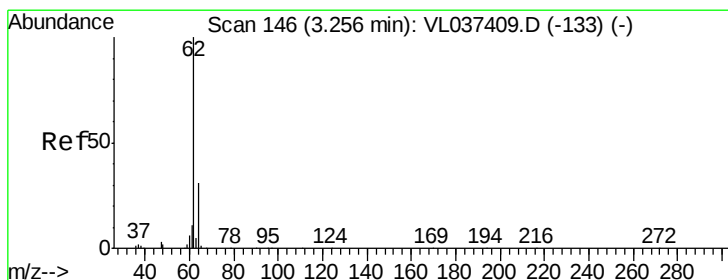
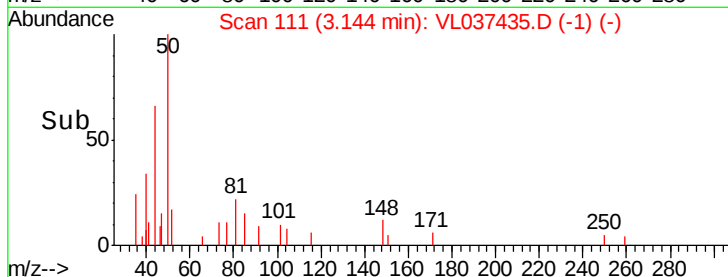
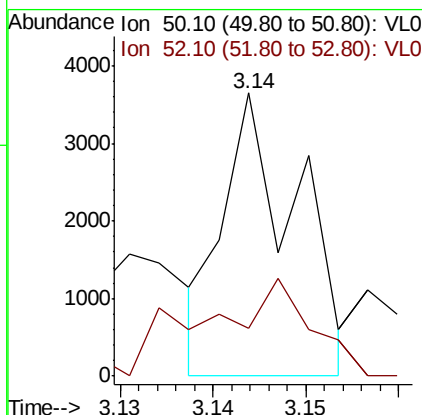
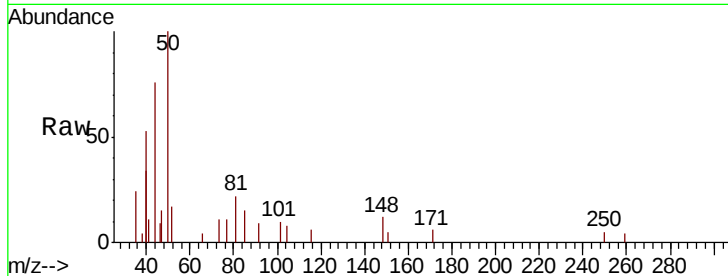
ClientSampled :

SVP-4REDL

Tot Ion	Ratio	Lower	Upper
50	100		
52	5.0	26.2	39.4#

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#5

Vinyl Chloride

Concen: 0.002 ppbv

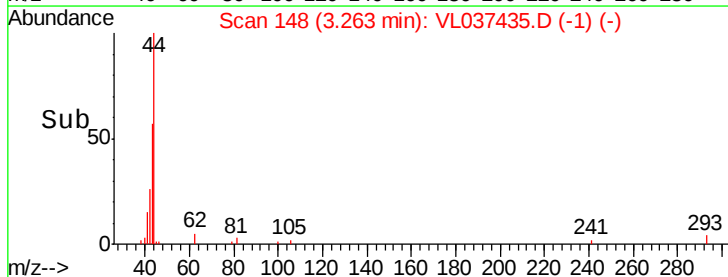
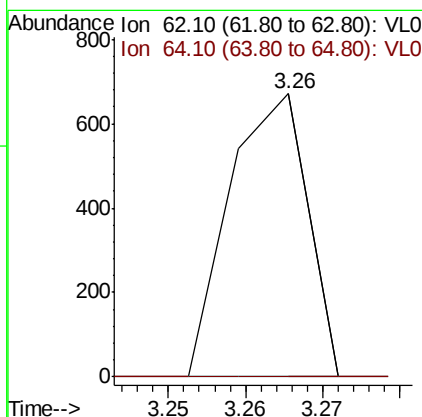
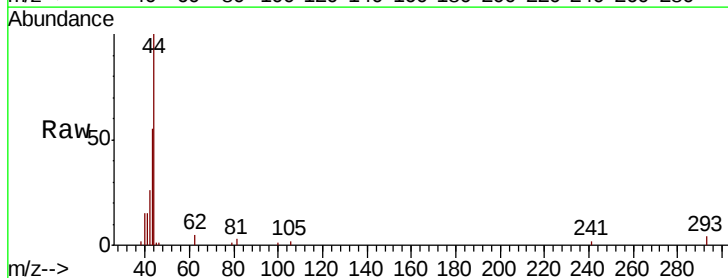
RT: 3.26 min Scan# 148

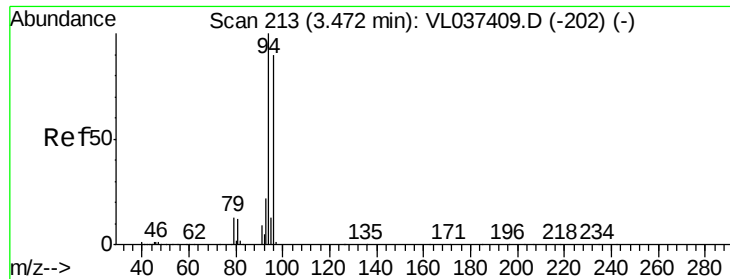
Delta R.T. 0.01 min

Lab File: VL037435.D

Acq: 13 Aug 2021 5:35

Tgt Ion	Ratio	Lower	Upper
62	100		
64	0.0	25.0	37.6#





#6

Bromomethane

Concen: 0.002 ppbv

RT: 3.34 min Scan# 171

Delta R.T. -0.13 min

Lab File: VL037435.D

Acq: 13 Aug 2021 5:35

Instrument :

MSVOA_L

ClientSampleId :

SVP-4REDL

Tot Ion: 94 Resp: 123

Ion Ratio Lower Upper

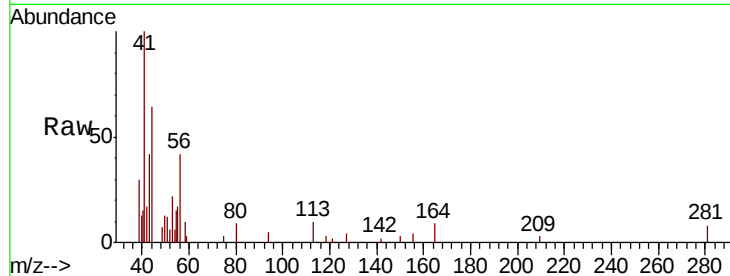
94 100

96 0.0 72.2 108.4#

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Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0

3.34

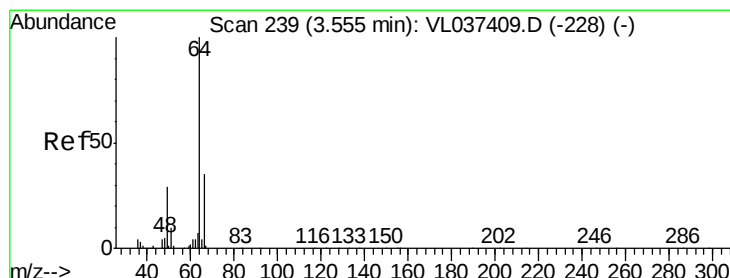
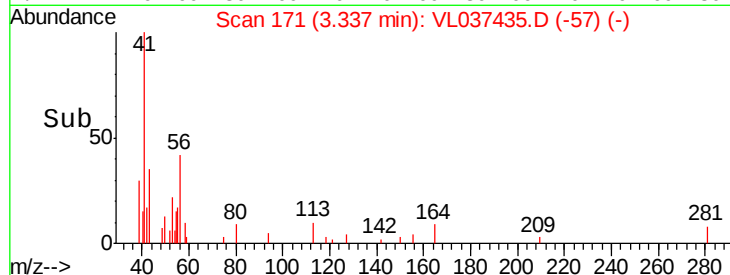
300

200

100

0

Time-->



#7

Chloroethane

Concen: 0.002 ppbv

RT: 3.57 min Scan# 242

Delta R.T. 0.01 min

Lab File: VL037435.D

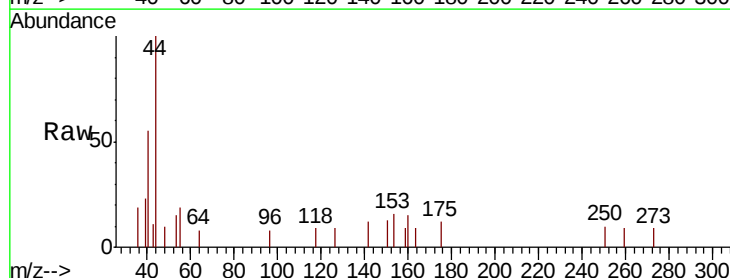
Acq: 13 Aug 2021 5:35

Tgt Ion: 64 Resp: 66

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

200

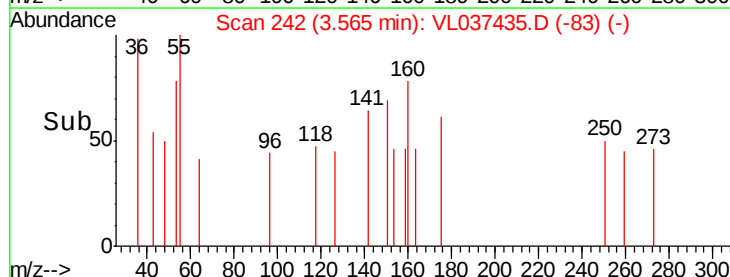
150

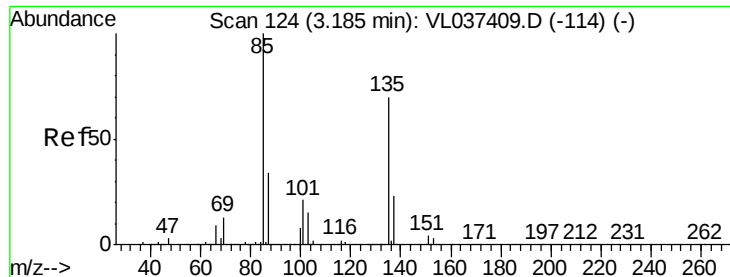
100

50

0

Time-->





#8

Dichlorotetrafluoroethane

Concen: 0.002 ppbv

RT: 3.20 min Scan# 127

Delta R.T. 0.01 min

Lab File: VL037435.D

Acq: 13 Aug 2021 5:35

Instrument :

MSVOA_L

ClientSampleId :

SVP-4REDL

Tot Ion: 85 Resp: 369

Ion Ratio Lower Upper

85 100

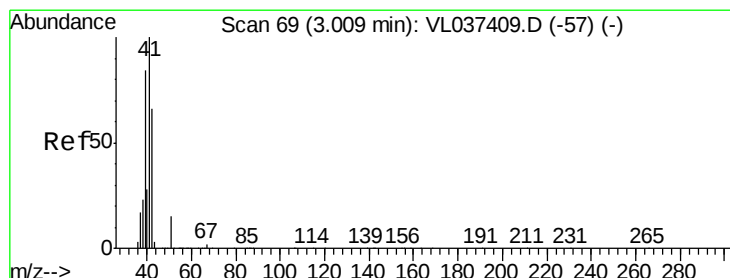
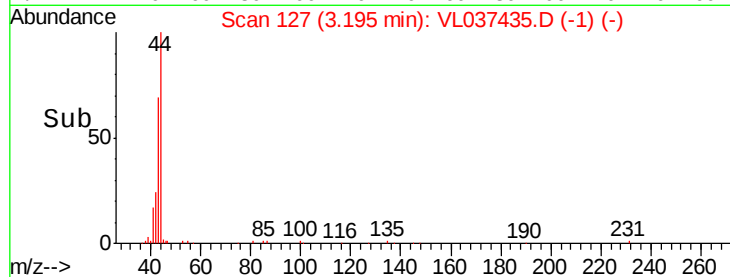
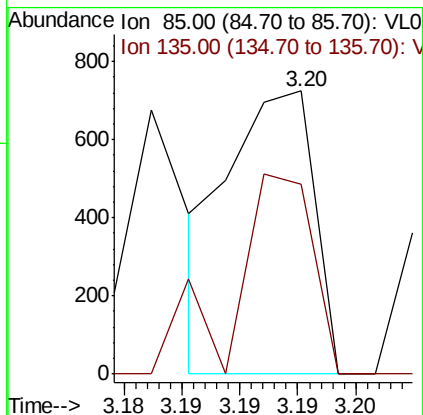
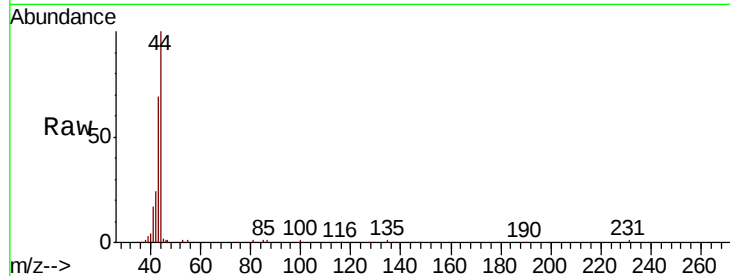
135 82.7 58.6 88.0

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#9

Propene

Concen: 0.439 ppbv

RT: 3.02 min Scan# 71

Delta R.T. 0.01 min

Lab File: VL037435.D

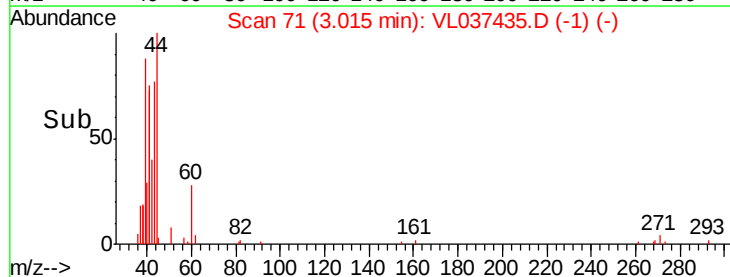
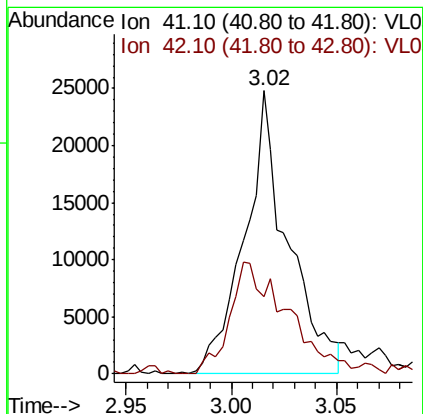
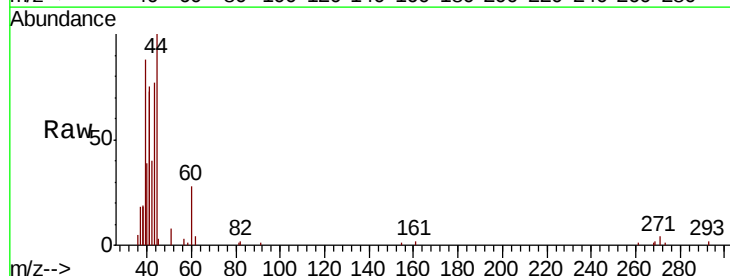
Acq: 13 Aug 2021 5:35

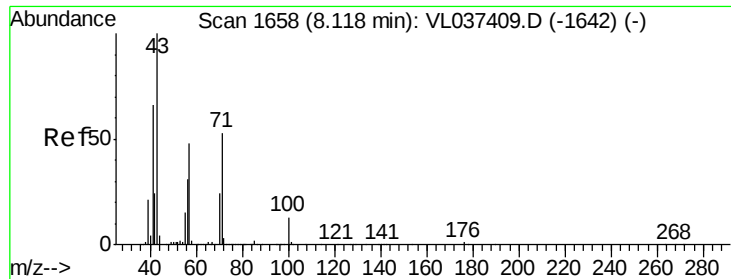
Tgt Ion: 41 Resp: 35466

Ion Ratio Lower Upper

41 100

42 55.0 53.8 80.8





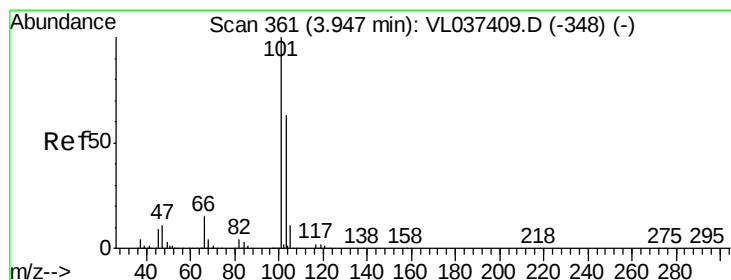
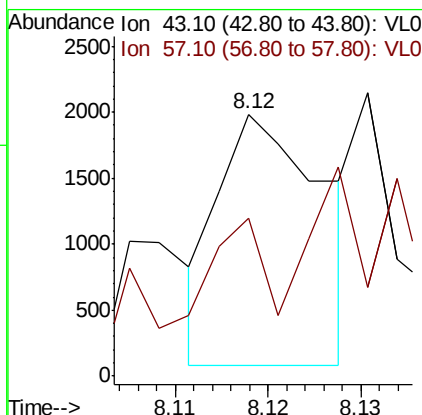
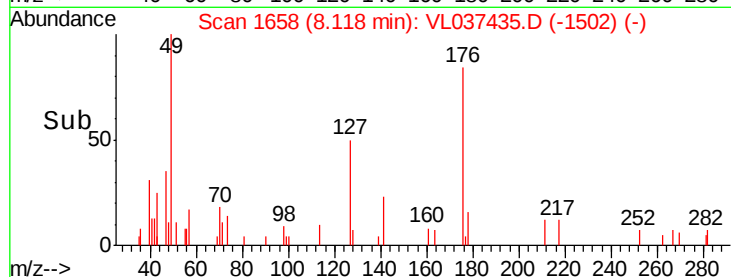
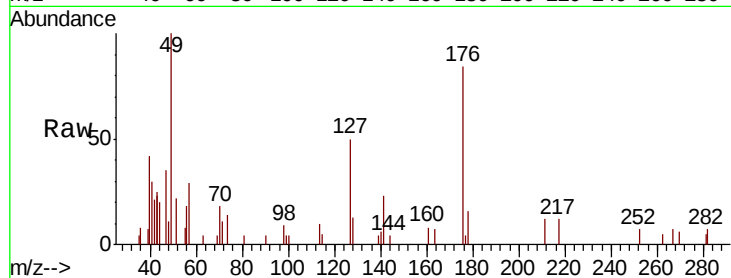
#10
Heptane
Concen: 0.008 ppbv
RT: 8.12 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VL037435.D
Acq: 13 Aug 2021 5:35

Instrument :
MSVOA_L
ClientSampled :
SVP-4REDL

Tot Ion: 43 Resp: 1486
Ion Ratio Lower Upper
43 100
57 0.0 40.3 60.5#

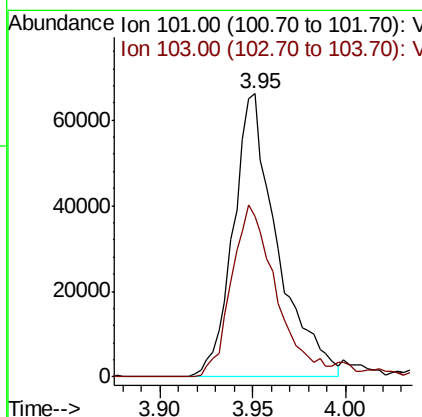
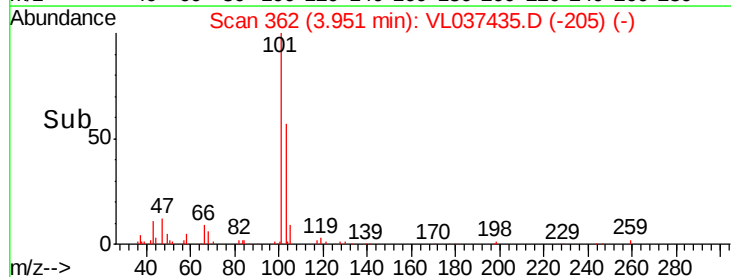
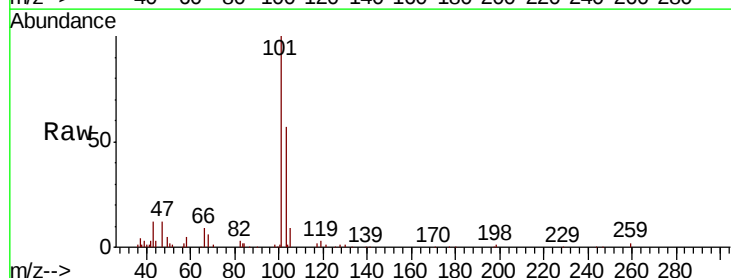
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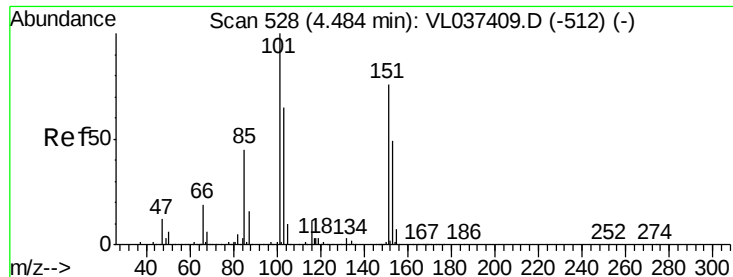
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#11
Trichlorofluoromethane
Concen: 0.538 ppbv
RT: 3.95 min Scan# 362
Delta R.T. 0.00 min
Lab File: VL037435.D
Acq: 13 Aug 2021 5:35

Tgt Ion: 101 Resp: 108977
Ion Ratio Lower Upper
101 100
103 56.9 50.2 75.4





#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.002 ppbv

RT: 4.48 min Scan# 526

Delta R.T. -0.01 min

Lab File: VL037435.D

Acq: 13 Aug 2021 5:35

Instrument :

MSVOA_L

ClientSampled :

SVP-4REDL

Tot Ion:101 Resp: 216

Ion Ratio Lower Upper

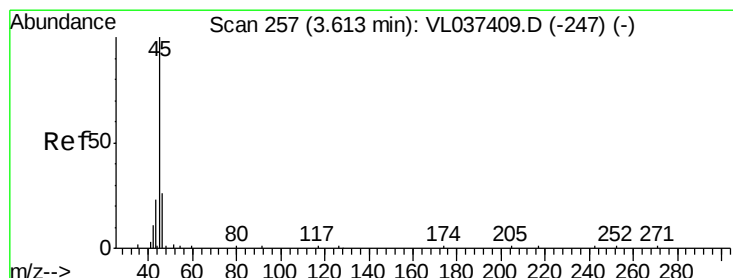
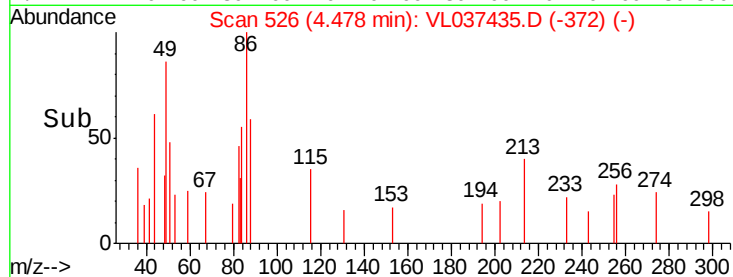
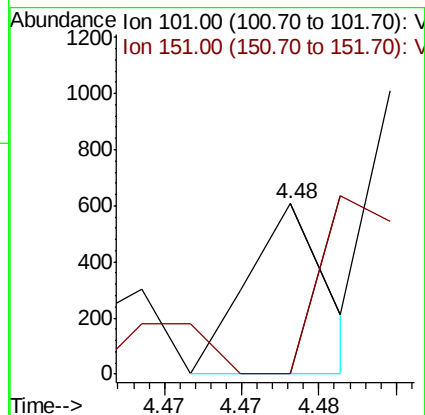
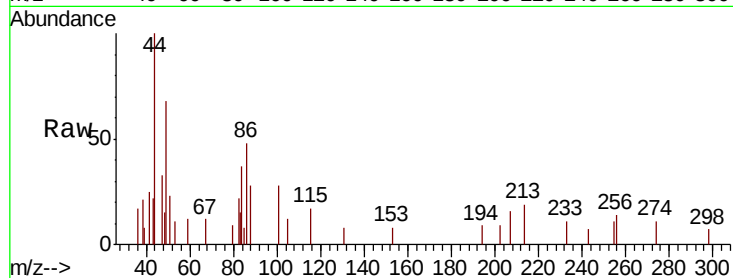
101 100

151 291.7 61.2 91.8#

Manual Integrations
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#13

Ethanol

Concen: 3.627 ppbv m

RT: 3.62 min Scan# 259

Delta R.T. 0.01 min

Lab File: VL037435.D

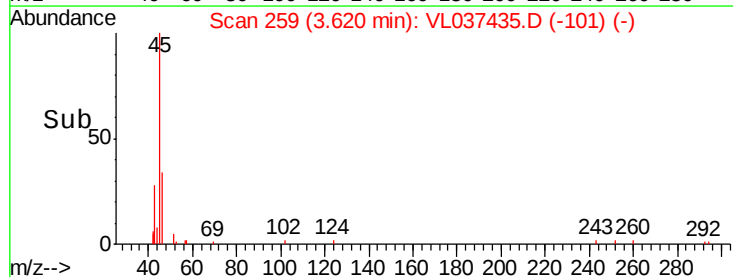
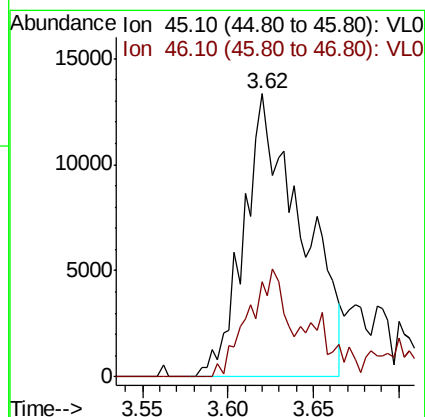
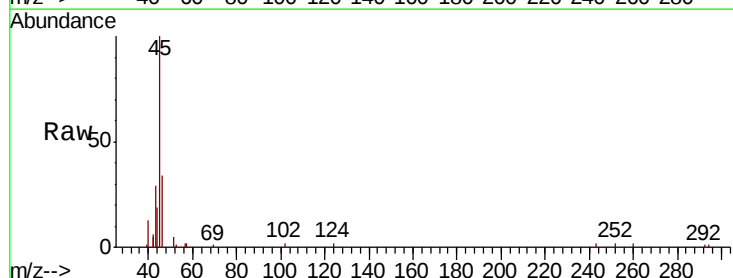
Acq: 13 Aug 2021 5:35

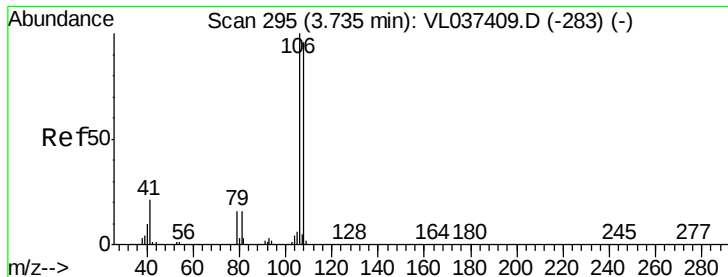
Tgt Ion: 45 Resp: 31296

Ion Ratio Lower Upper

45 100

46 0.0 18.0 72.2#





#14

Bromoethene

Concen: 0.002 ppbv

RT: 3.74 min Scan# 296

Delta R.T. 0.00 min

Lab File: VL037435.D

Acq: 13 Aug 2021 5:35

Instrument :

MSVOA_L

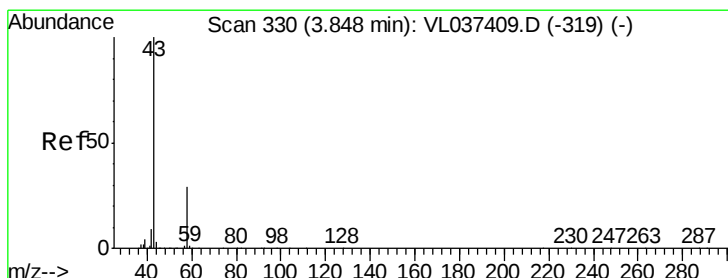
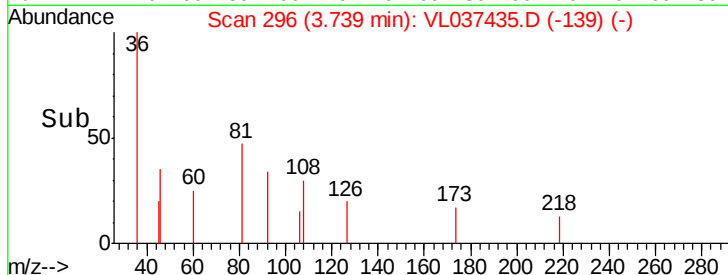
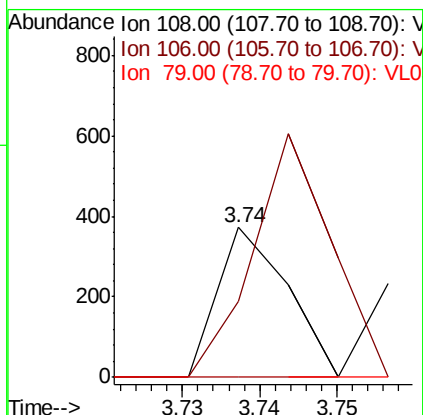
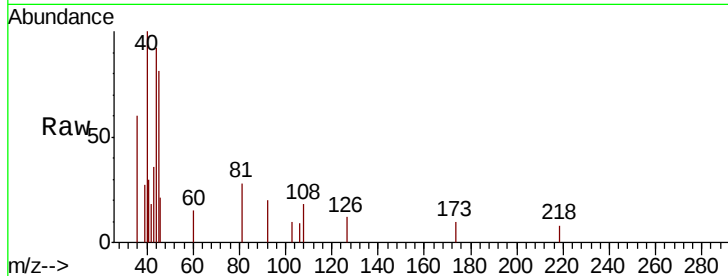
ClientSampleId :

SVP-4REDL

Tot Ion:	108	Resp:	117
Ion Ratio	Lower	Upper	
108	100		
106	212.8	87.5	131.3#
79	234.2	13.5	20.3#

Manual Integrations
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#15

Acetone

Concen: 2.655 ppbv

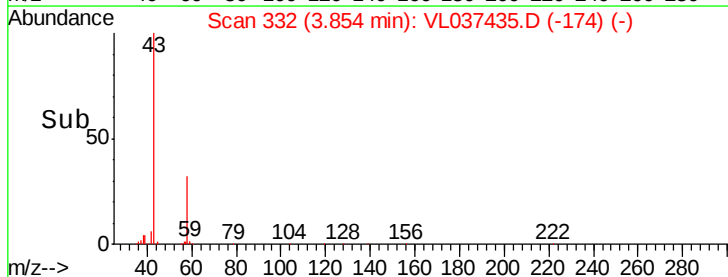
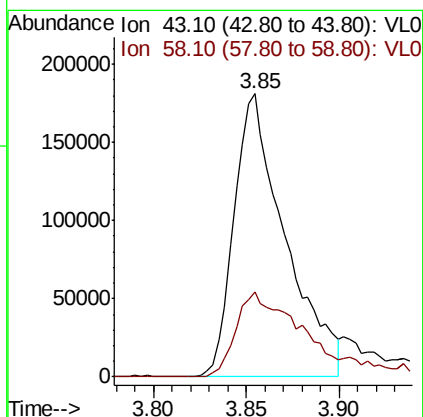
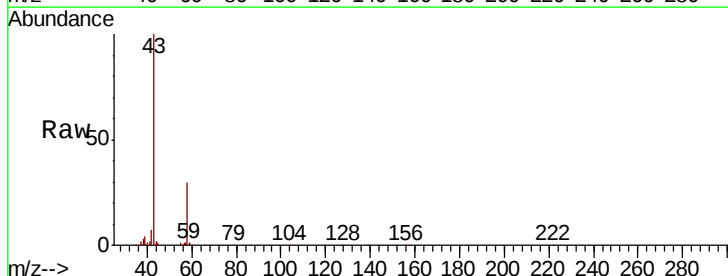
RT: 3.85 min Scan# 332

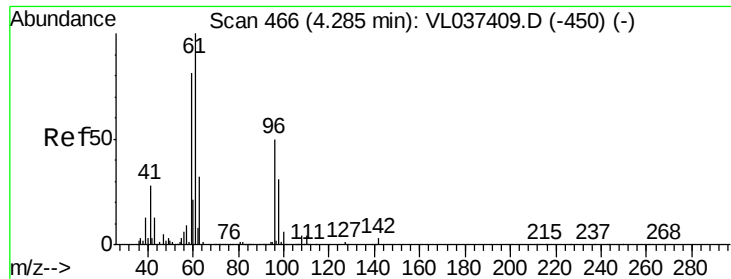
Delta R.T. 0.01 min

Lab File: VL037435.D

Acq: 13 Aug 2021 5:35

Tgt Ion:	43	Resp:	345215
Ion Ratio	Lower	Upper	
43	100		
58	45.5	24.4	36.6#





#17

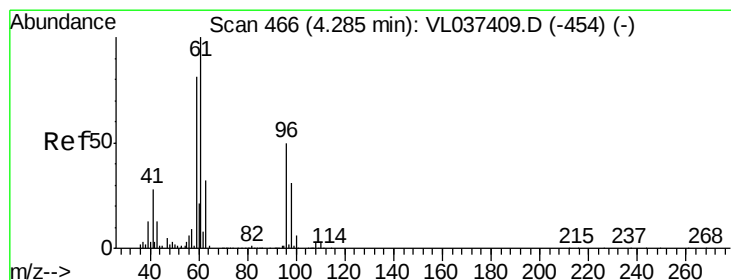
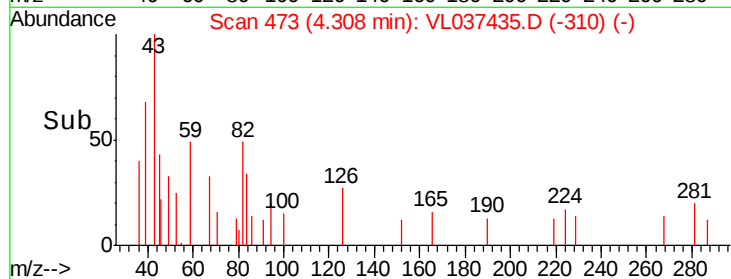
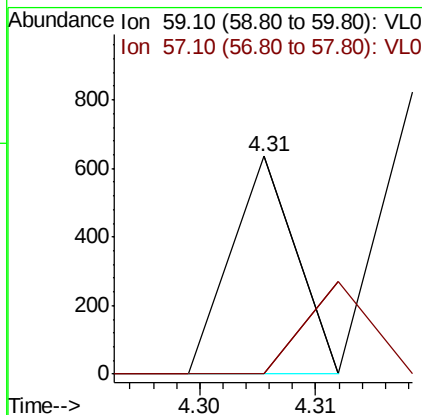
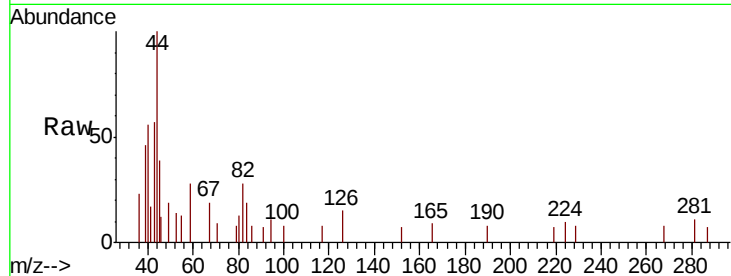
tert-Butyl alcohol
Concen: 0.001 ppbv
RT: 4.31 min Scan# 473
Delta R.T. 0.02 min
Lab File: VL037435.D
Acq: 13 Aug 2021 5:35

Instrument :
MSVOA_L
ClientSampleId :
SVP-4REDL

Tot Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.5	12.7#

Manual Integrations
APPROVED

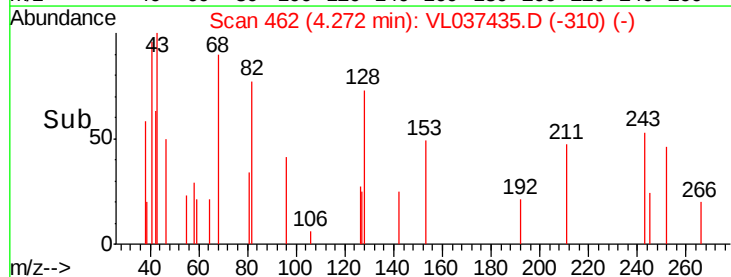
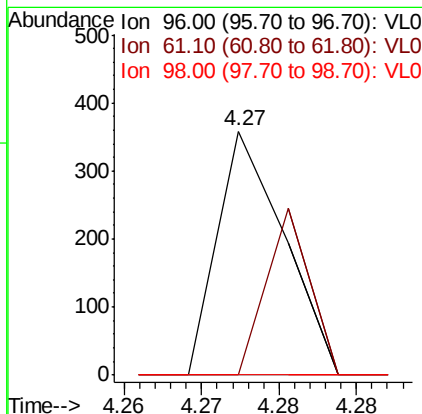
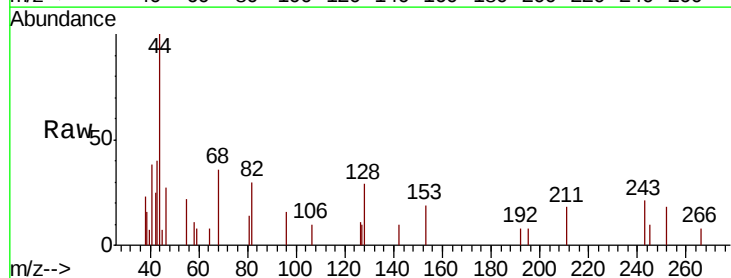
apatel
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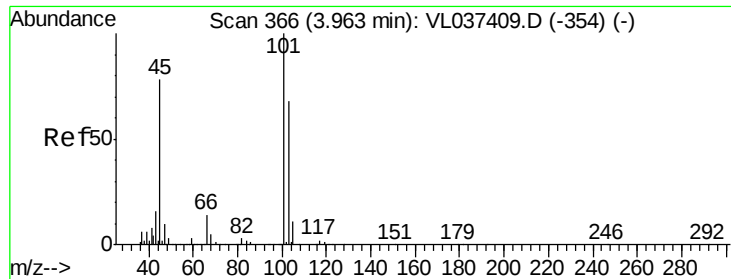


#18

1,1-Dichloroethene
Concen: 0.002 ppbv
RT: 4.27 min Scan# 462
Delta R.T. -0.01 min
Lab File: VL037435.D
Acq: 13 Aug 2021 5:35

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





#19

Isopropyl Alcohol

Concen: 0.007 ppbv

RT: 3.96 min Scan# 365

Delta R.T. -0.00 min

Lab File: VL037435.D

Acq: 13 Aug 2021 5:35

Instrument :

MSVOA_L

ClientSampleId :

SVP-4REDL

Tot Ion: 45 Resp: 509

Ion Ratio Lower Upper

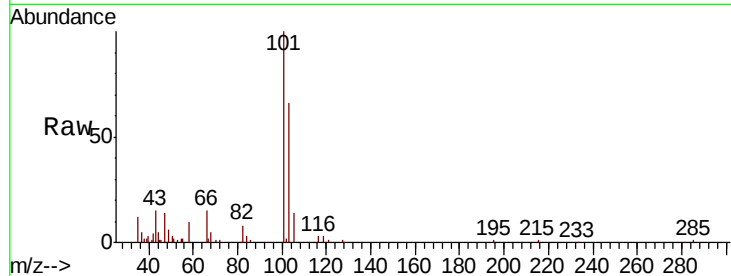
45 100

58 0.0 2.2 3.4#

Manual Integrations
APPROVED

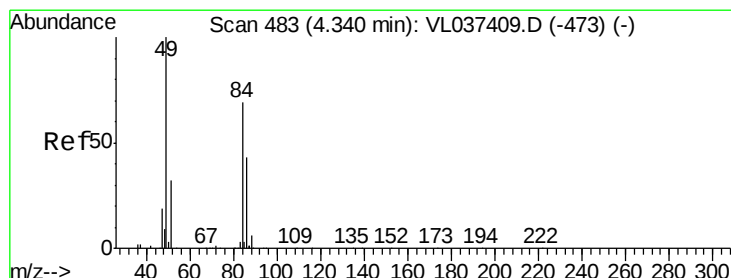
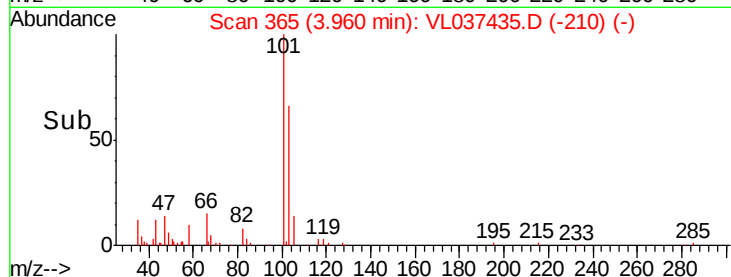
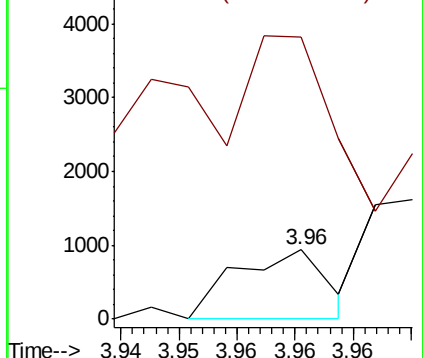
apatel

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Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#20

Methylene Chloride

Concen: 3.259 ppbv

RT: 4.34 min Scan# 483

Delta R.T. 0.00 min

Lab File: VL037435.D

Acq: 13 Aug 2021 5:35

Tgt Ion: 84 Resp: 224047

Ion Ratio Lower Upper

84 100

49 158.1 116.0 174.0

51 43.4 37.1 55.7

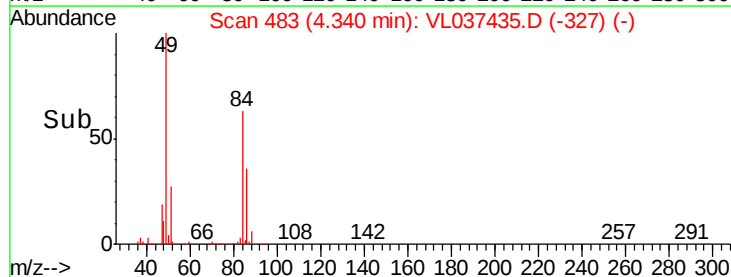
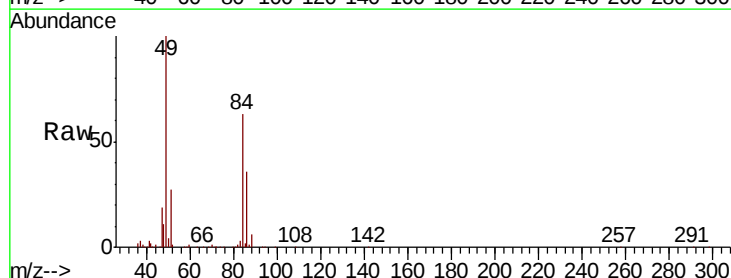
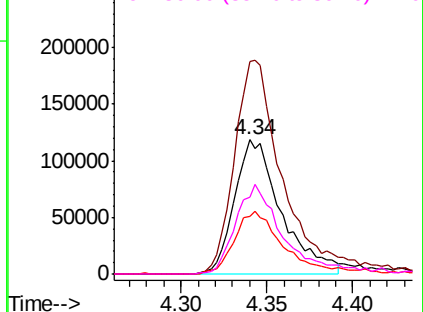
86 57.7 49.4 74.0

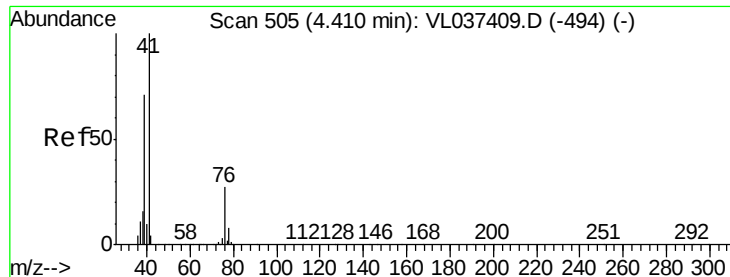
Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0





#21

Allvl Chloride

Concen: 0.009 ppbv

RT: 4.40 min Scan# 503

Delta R.T. -0.01 min

Lab File: VL037435.D

Acq: 13 Aug 2021 5:35

Instrument :

MSVOA_L

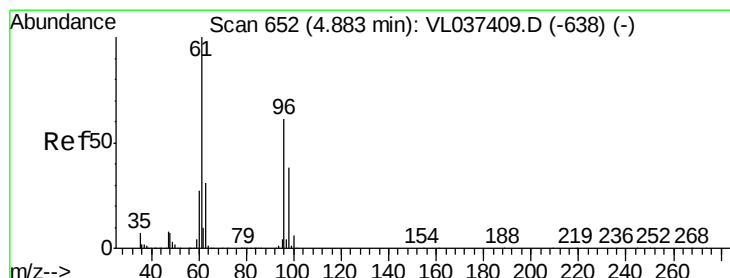
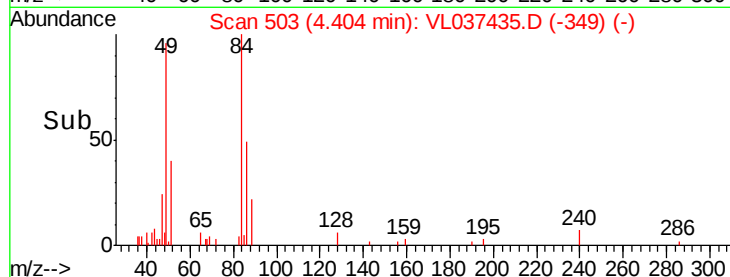
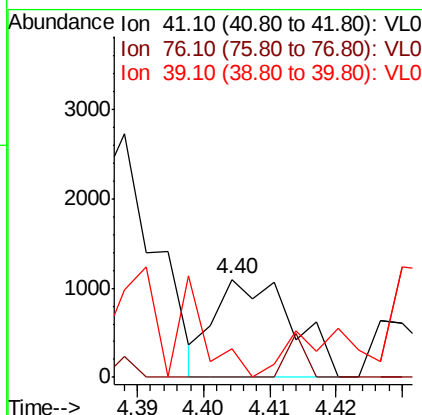
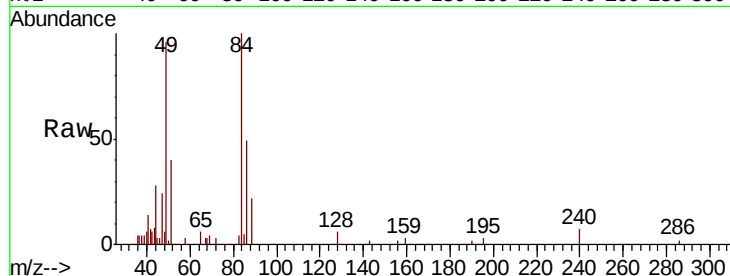
ClientSampled :

SVP-4REDL

Tot Ion:	41	Resp:	900
Ion Ratio		Lower	Upper
41	100		
76	0.0	23.7	35.5#
39	0.0	62.3	93.5#

Manual Integrations
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#22

trans-1,2-Dichloroethene

Concen: 0.002 ppbv

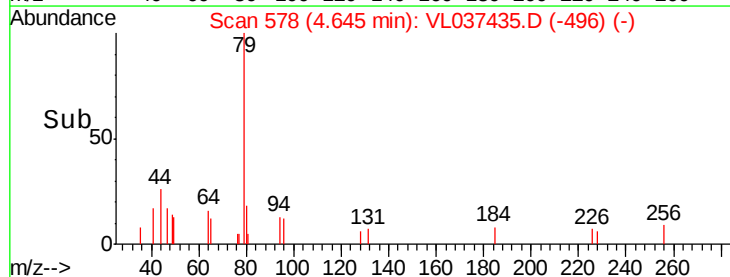
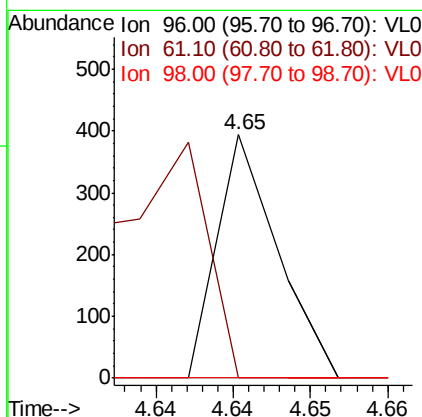
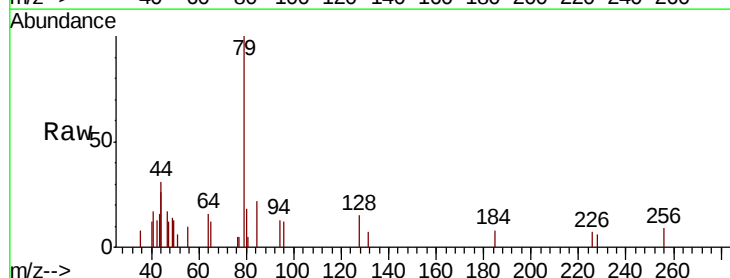
RT: 4.65 min Scan# 578

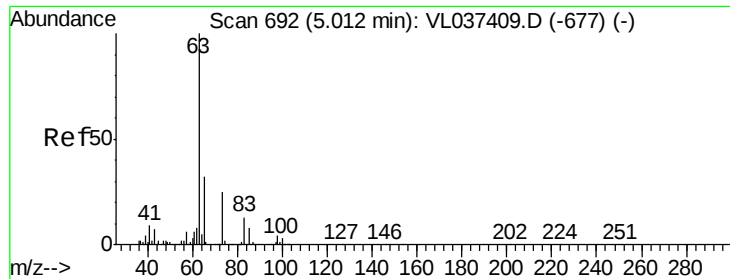
Delta R.T. -0.24 min

Lab File: VL037435.D

Acq: 13 Aug 2021 5:35

Tgt Ion:	96	Resp:	107
Ion Ratio		Lower	Upper
96	100		
61	0.0	131.0	196.4#
98	0.0	50.2	75.4#





#24

1,1-Dichloroethane

Concen: 0.001 ppbv

RT: 5.01 min Scan# 692

Delta R.T. 0.00 min

Lab File: VL037435.D

Acq: 13 Aug 2021 5:35

Instrument :

MSVOA_L

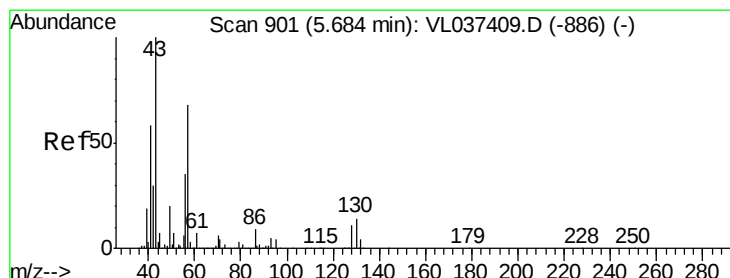
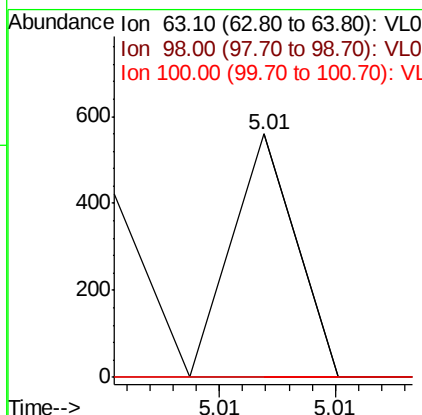
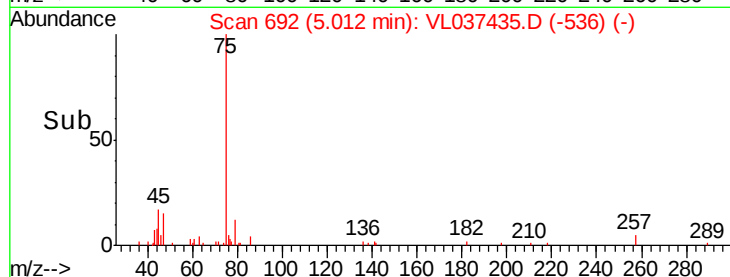
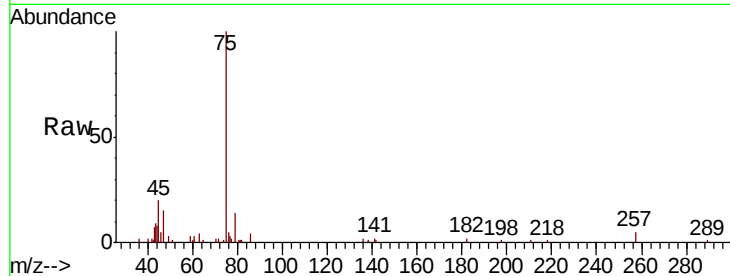
ClientSampleId :

SVP-4REDL

Tot Ion	Ratio	Lower	Upper
63	100		
98	0.0	2.1	6.3#
100	0.0	1.6	4.7#

Manual Integrations
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#26

Hexane

Concen: 1.125 ppbv

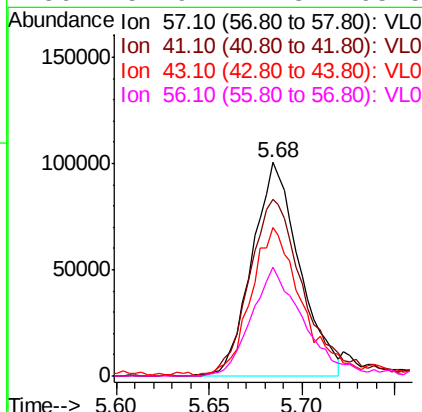
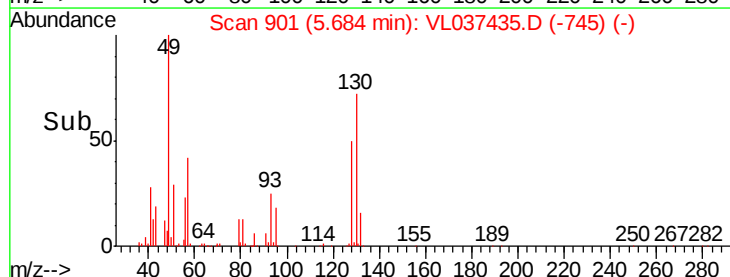
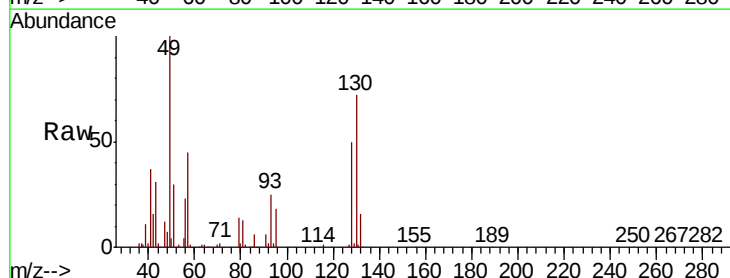
RT: 5.68 min Scan# 901

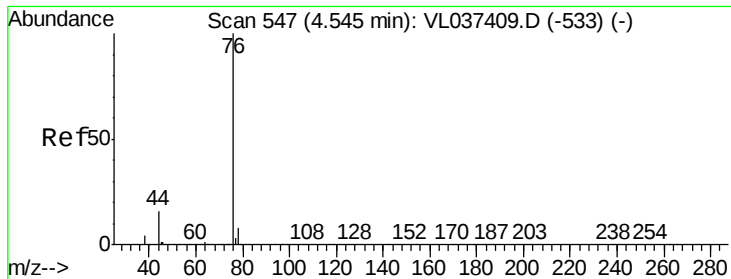
Delta R.T. 0.00 min

Lab File: VL037435.D

Acq: 13 Aug 2021 5:35

Tgt Ion	Ratio	Lower	Upper
57	100		
41	98.2	72.5	108.7
43	77.5	169.3	253.9#
56	57.9	42.3	63.5





#27

Carbon Disulfide

Concen: 0.006 ppbv

RT: 4.55 min Scan# 548

Delta R.T. 0.00 min

Lab File: VL037435.D

Acq: 13 Aug 2021 5:35

Instrument :

MSVOA_L

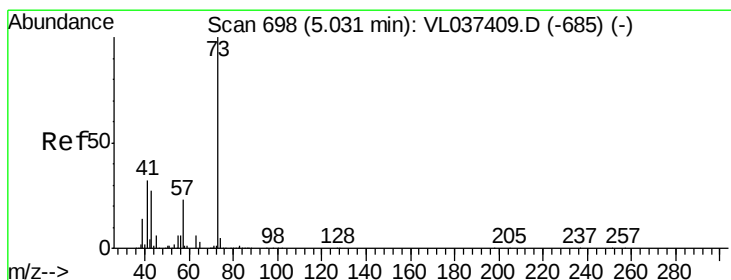
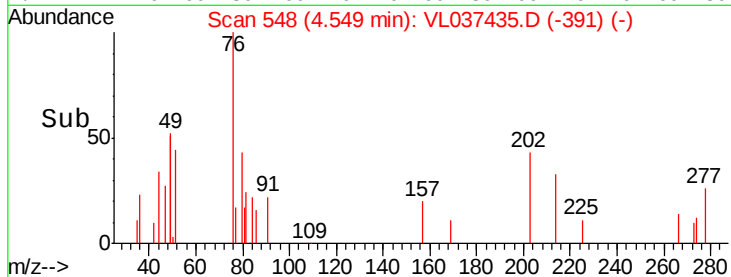
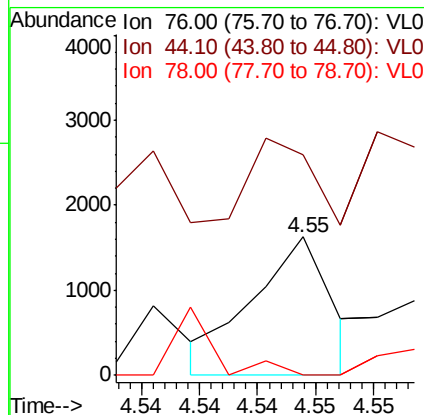
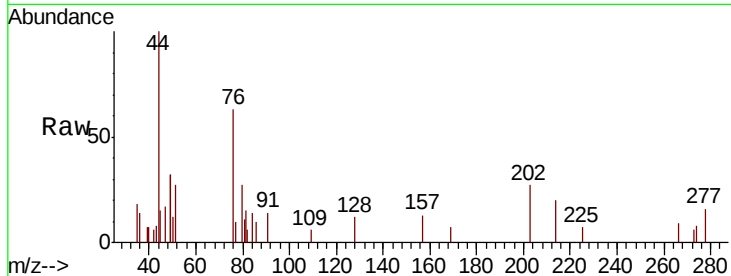
ClientSampled :

SVP-4REDL

Tot Ion:	76	Resp:	763
Ion Ratio	Lower	Upper	
76	100		
44	0.0	14.4	21.6#
78	0.0	8.0	12.0#

Manual Integrations
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#28

Methyl tert-Butyl Ether

Concen: 0.001 ppbv

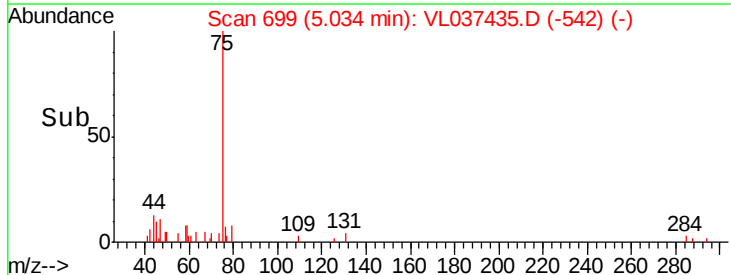
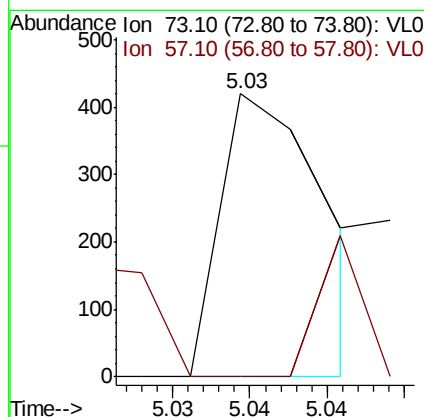
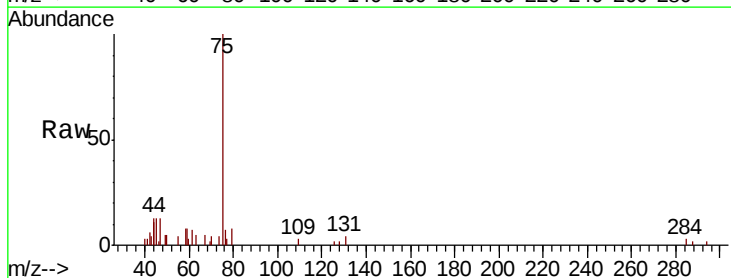
RT: 5.03 min Scan# 699

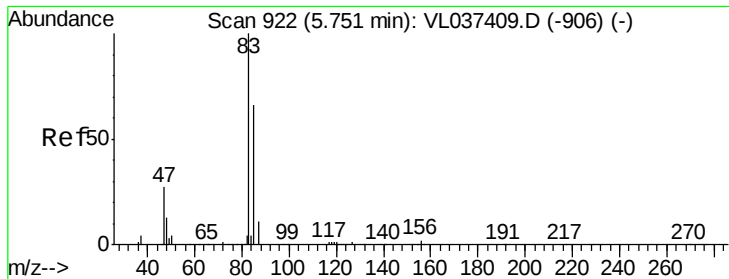
Delta R.T. 0.00 min

Lab File: VL037435.D

Acq: 13 Aug 2021 5:35

Tgt Ion:	73	Resp:	195
Ion Ratio	Lower	Upper	
73	100		
57	0.0	19.0	28.4#





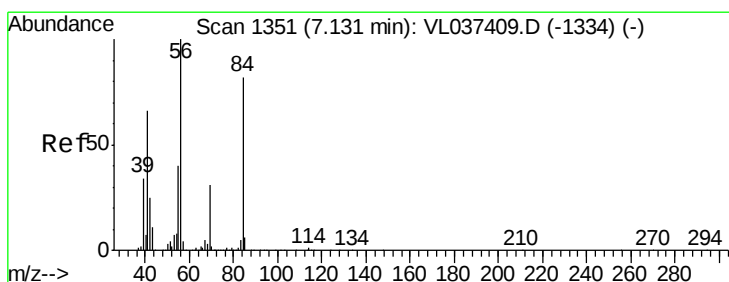
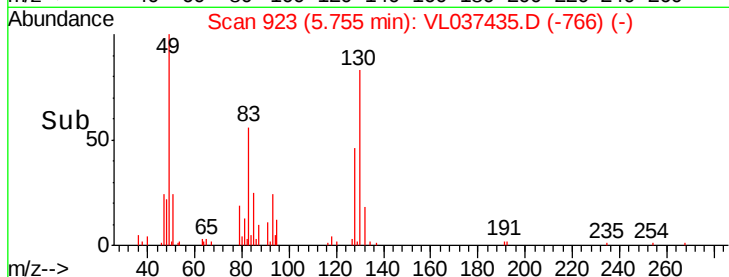
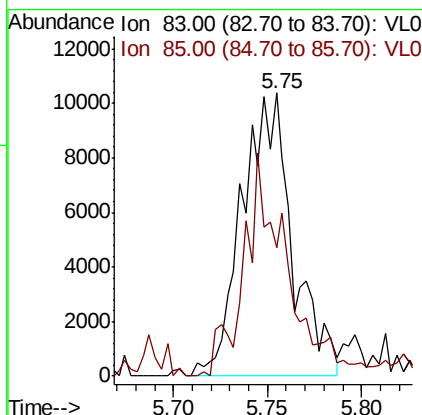
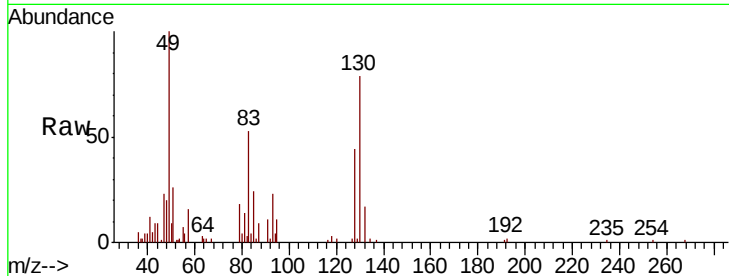
#29
Chloroform
Concen: 0.086 ppbv m
RT: 5.75 min Scan# 923
Delta R.T. 0.00 min
Lab File: VL037435.D
Acq: 13 Aug 2021 5:35

Instrument :
MSVOA_L
ClientSampled :
SVP-4REDL

Tot Ion	83	Resp	19308
Ion Ratio	Lower	Upper	
83	100		
85	45.4	52.4	78.6#

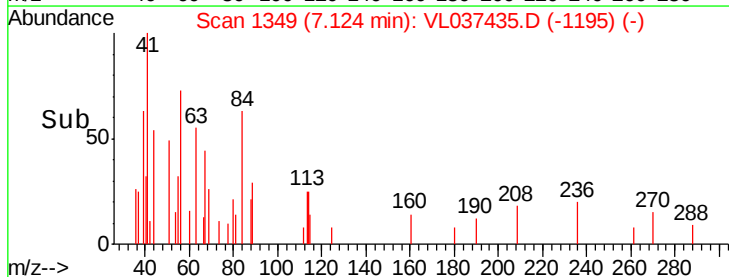
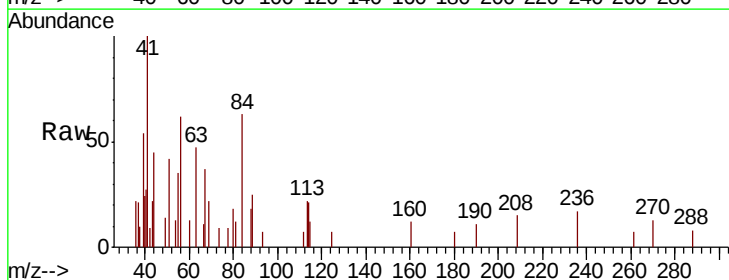
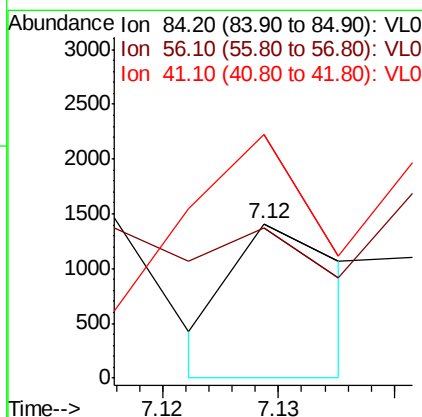
Manual Integrations
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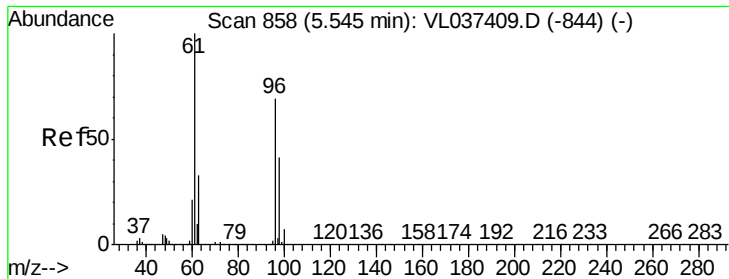
apatel
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#30
Cyclohexane
Concen: 0.004 ppbv
RT: 7.12 min Scan# 1349
Delta R.T. -0.01 min
Lab File: VL037435.D
Acq: 13 Aug 2021 5:35

Tgt Ion	84	Resp	478
Ion Ratio	Lower	Upper	
84	100		
56	0.0	109.6	164.4#
41	497.1	66.6	99.8#





#31

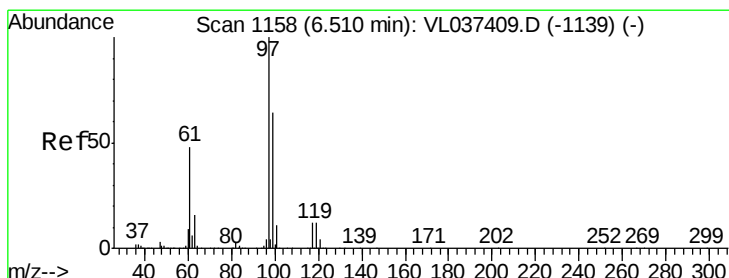
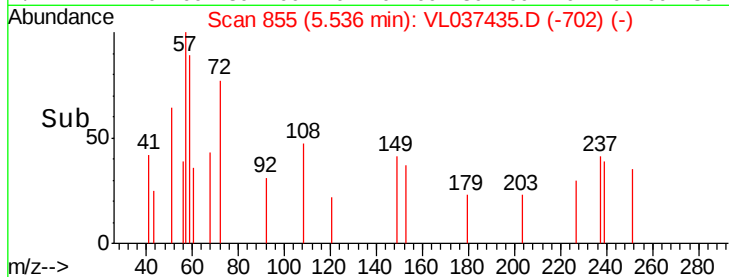
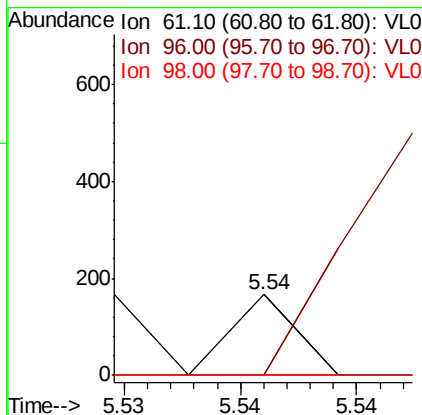
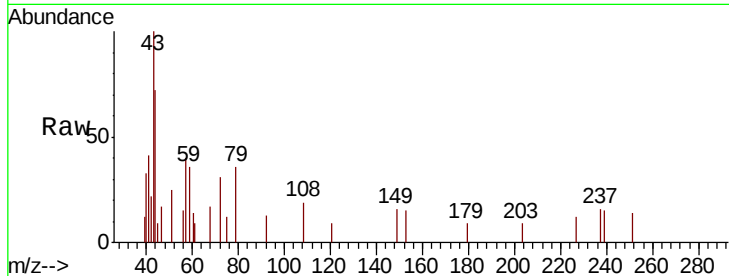
cis-1,2-Dichloroethene
Concen: 0.000 ppbv
RT: 5.54 min Scan# 855
Delta R.T. -0.01 min
Lab File: VL037435.D
Acq: 13 Aug 2021 5:35

Instrument :
MSVOA_L
ClientSampled :
SVP-4REDL

Tot Ion:	61	Resp:	32
Ion Ratio	Lower	Upper	
61	100		
96	0.0	55.5	83.3#
98	0.0	33.1	49.7#

Manual Integrations
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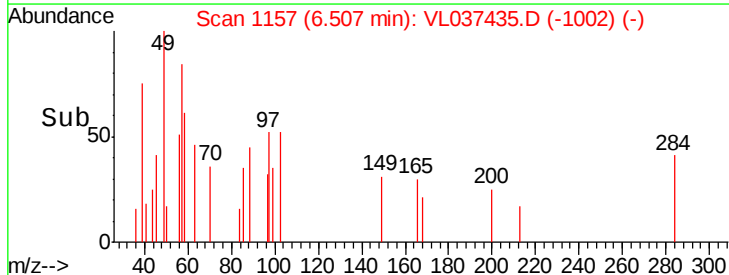
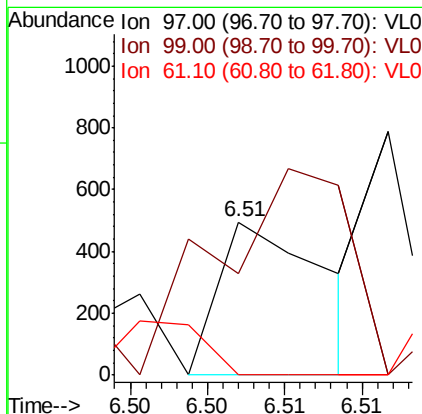
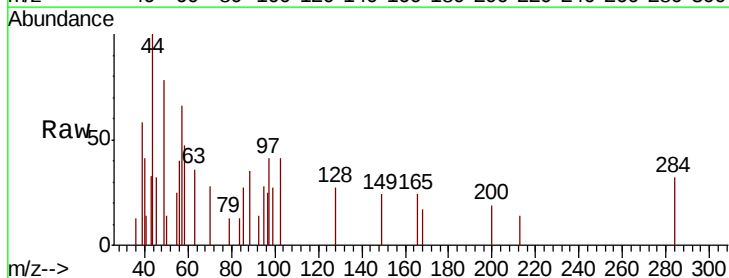
apatel
8/13/2021 3:03:26 PM

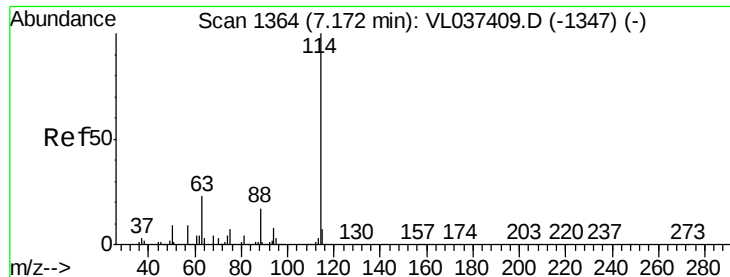


#32

1,1,1-Trichloroethane
Concen: 0.001 ppbv
RT: 6.51 min Scan# 1157
Delta R.T. -0.00 min
Lab File: VL037435.D
Acq: 13 Aug 2021 5:35

Tgt Ion:	97	Resp:	234
Ion Ratio	Lower	Upper	
97	100		
99	198.7	52.3	78.5#
61	0.0	40.1	60.1#





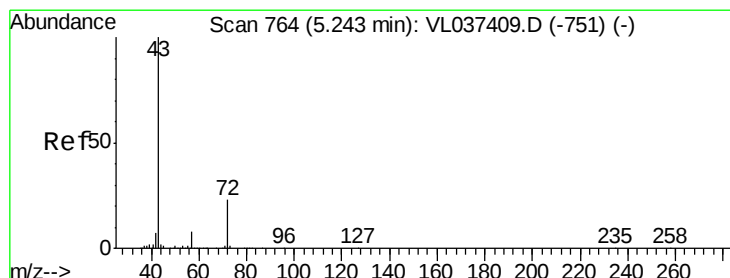
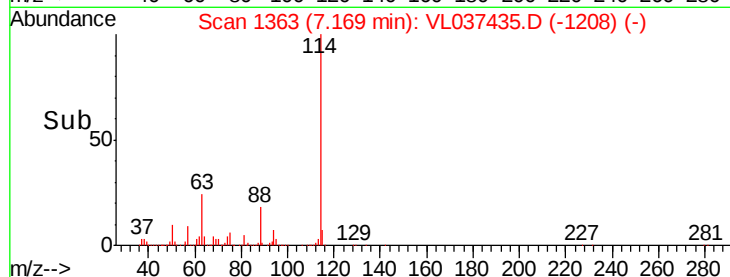
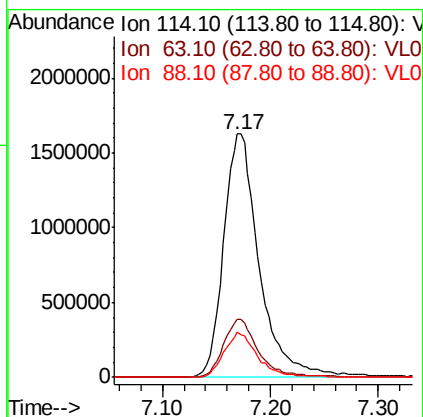
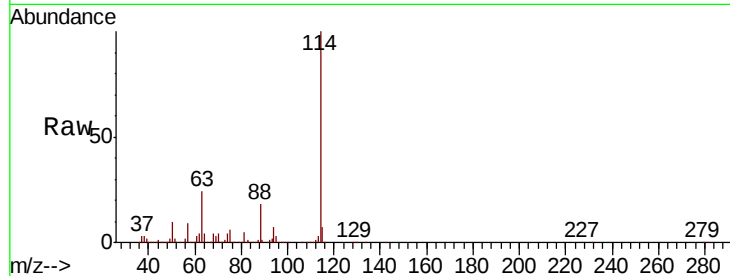
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VL037435.D
 Acq: 13 Aug 2021 5:35

Instrument :
 MSVOA_L
 ClientSampleId :
 SVP-4REDL

Tot Ion:114 Resp: 3707608
 Ion Ratio Lower Upper
 114 100
 63 23.9 19.4 29.2
 88 17.9 14.2 21.4

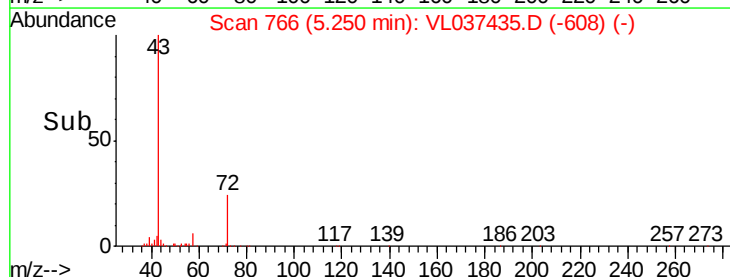
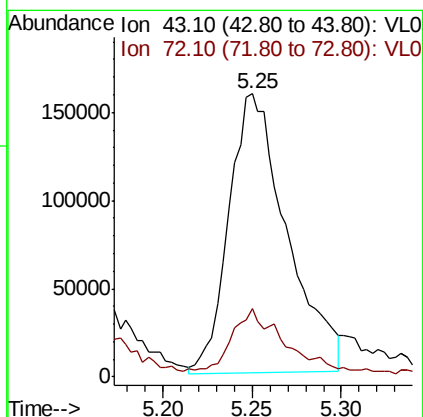
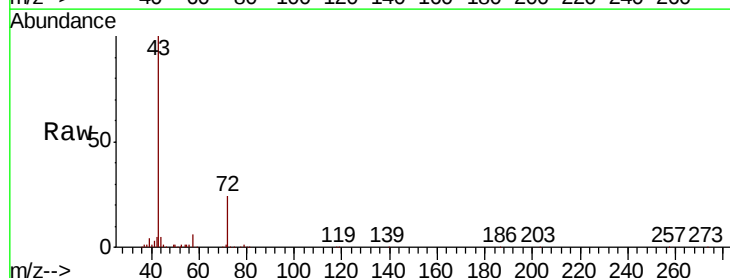
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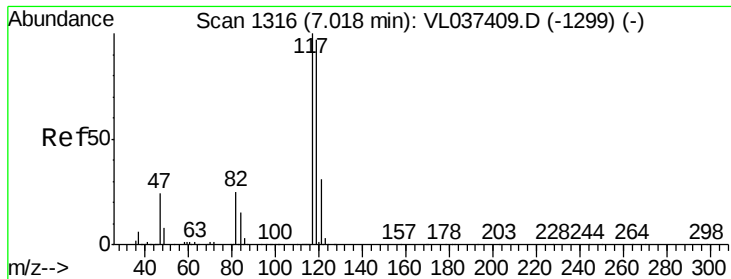
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#34
 2-Butanone
 Concen: 2.336 ppbv
 RT: 5.25 min Scan# 766
 Delta R.T. 0.01 min
 Lab File: VL037435.D
 Acq: 13 Aug 2021 5:35

Tgt Ion: 43 Resp: 357594
 Ion Ratio Lower Upper
 43 100
 72 25.5 17.7 26.5





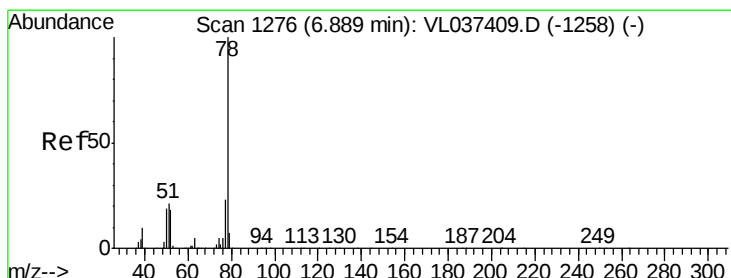
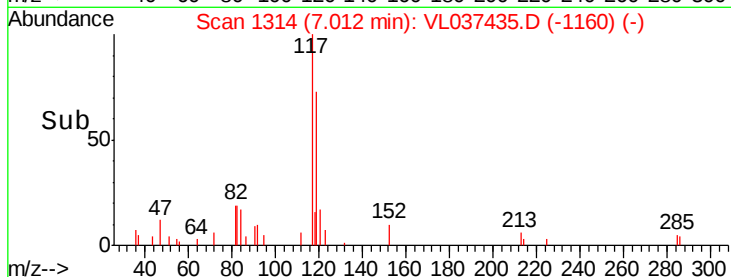
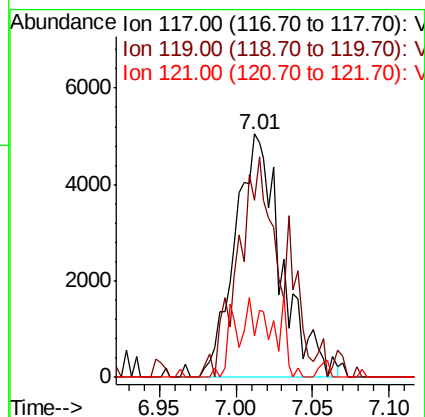
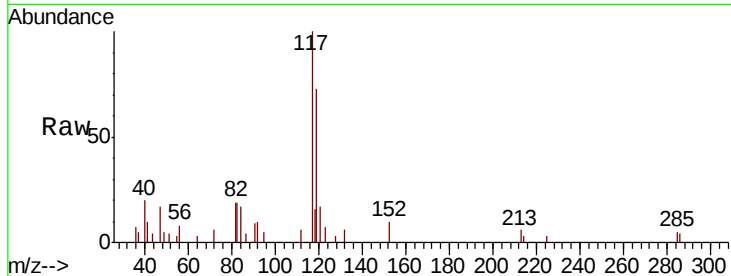
#35
Carbon Tetrachloride
Concen: 0.047 ppbv m
RT: 7.01 min Scan# 1314
Delta R.T. -0.01 min
Lab File: VL037435.D
Acq: 13 Aug 2021 5:35

Instrument :
MSVOA_L
ClientSampleId :
SVP-4REDL

Tot Ion	Ratio	Lower	Upper
117	100		
119	72.7	77.5	116.3#
121	17.2	24.7	37.1#

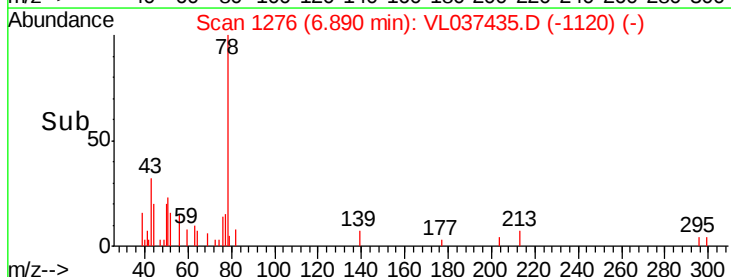
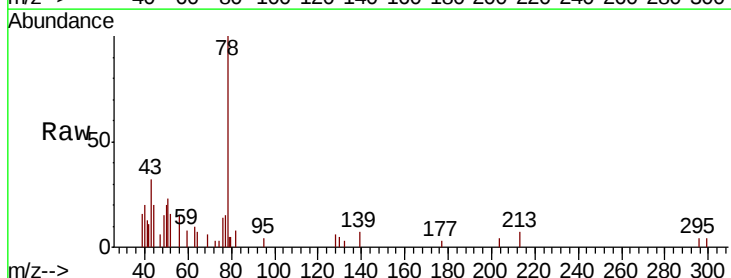
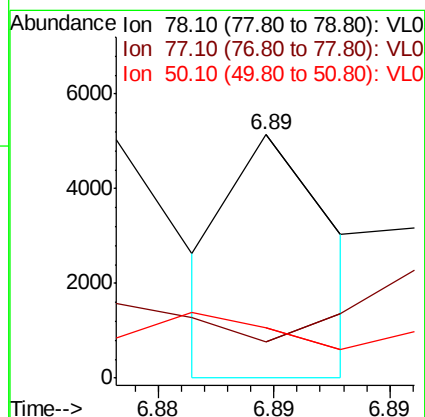
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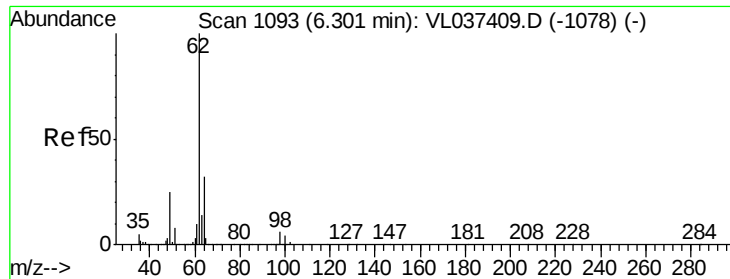
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#36
Benzene
Concen: 0.005 ppbv
RT: 6.89 min Scan# 1276
Delta R.T. 0.00 min
Lab File: VL037435.D
Acq: 13 Aug 2021 5:35

Tgt Ion	Ratio	Lower	Upper
78	100		
77	0.0	18.6	27.8#
50	21.0	14.9	22.3





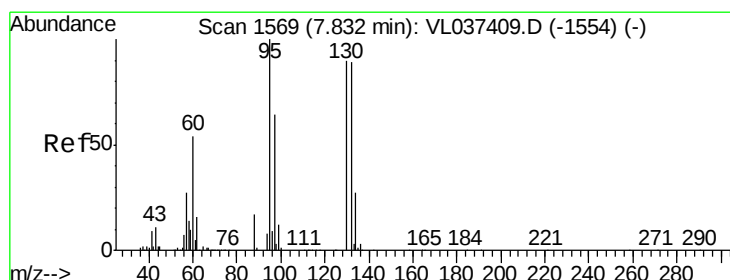
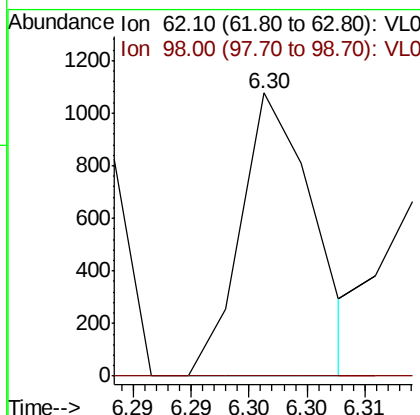
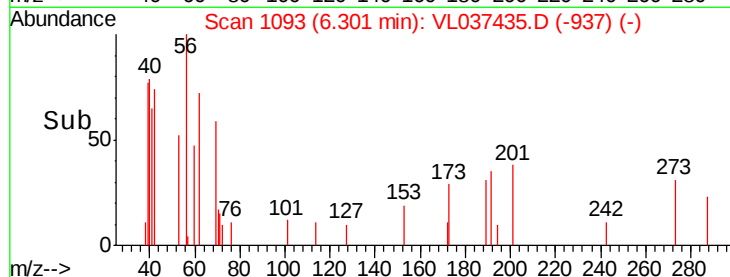
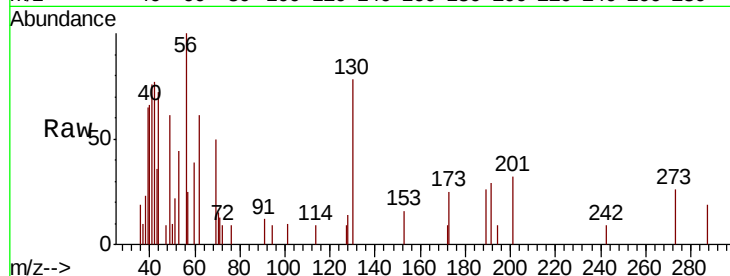
#37
 1,2-Dichloroethane
 Concen: 0.003 ppbv
 RT: 6.30 min Scan# 1093
 Delta R.T. 0.00 min
 Lab File: VL037435.D
 Acq: 13 Aug 2021 5:35

Instrument :
 MSVOA_L
 ClientSampled :
 SVP-4REDL

Tot Ion	Ratio	Lower	Upper
62	100		
98	0.0	5.4	8.2#

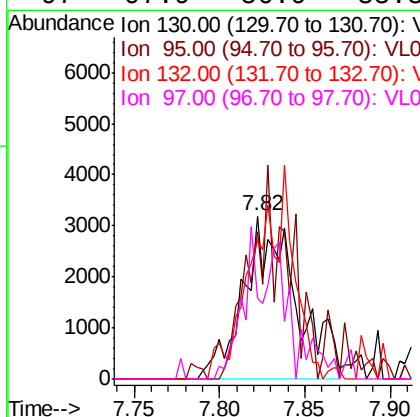
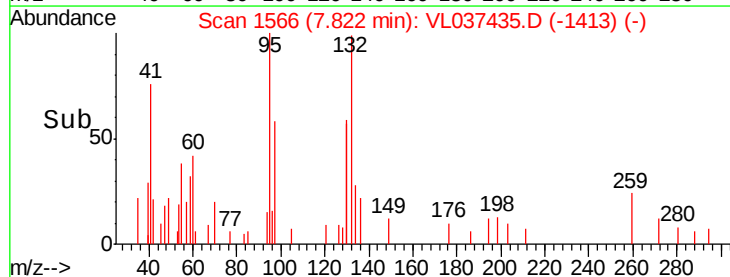
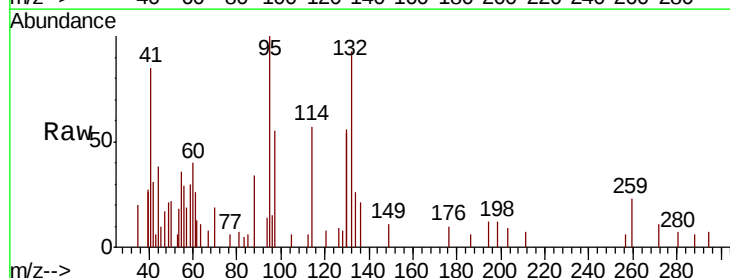
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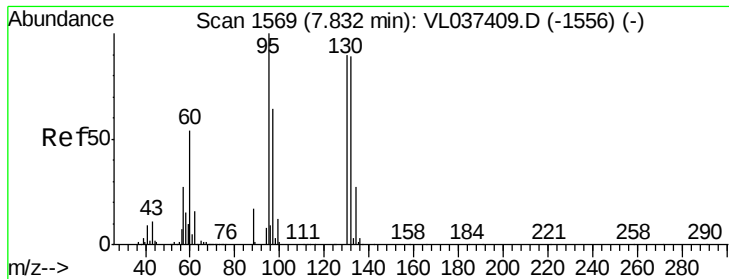
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#38
 Trichloroethene
 Concen: 0.049 ppbv m
 RT: 7.82 min Scan# 1566
 Delta R.T. -0.01 min
 Lab File: VL037435.D
 Acq: 13 Aug 2021 5:35

Tgt Ion	Ratio	Lower	Upper
130	100		
95	178.1	88.6	132.8#
132	166.2	79.2	118.8#
97	97.9	56.9	85.3#





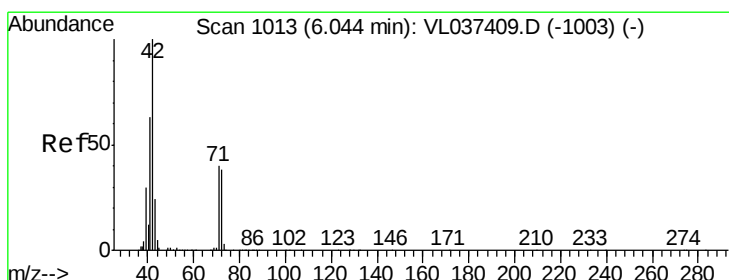
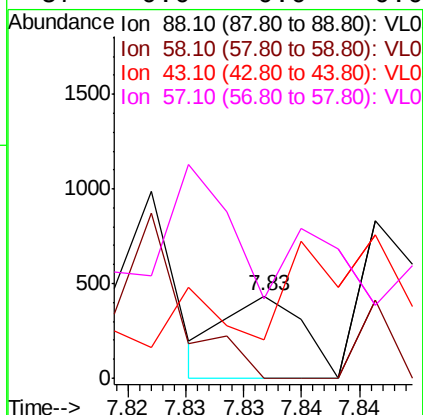
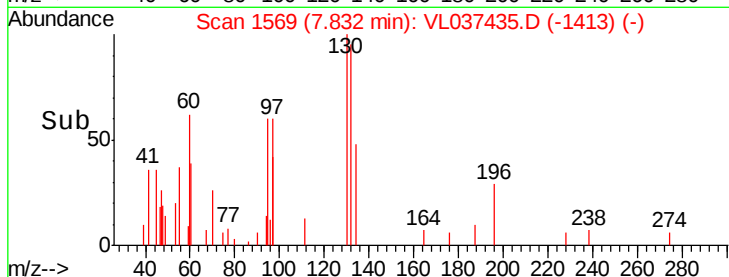
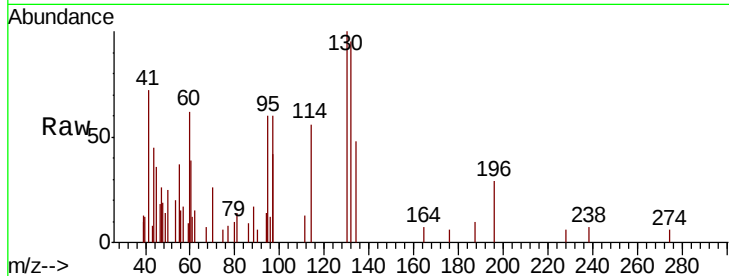
#40
1,4-Dioxane
Concen: 0.007 ppbv
RT: 7.83 min Scan# 1569
Delta R.T. 0.00 min
Lab File: VL037435.D
Acq: 13 Aug 2021 5:35

Instrument :
MSVOA_L
ClientSampleId :
SVP-4REDL

Tot Ion	88	Resp	205
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

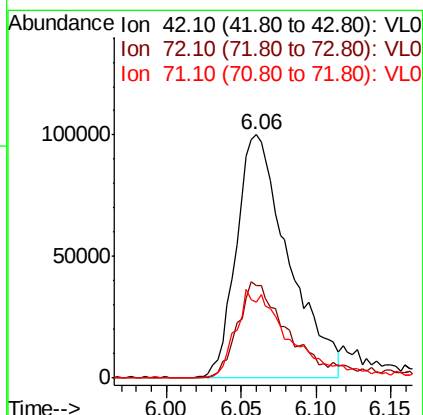
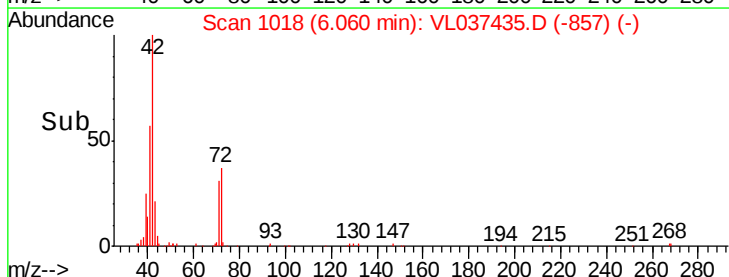
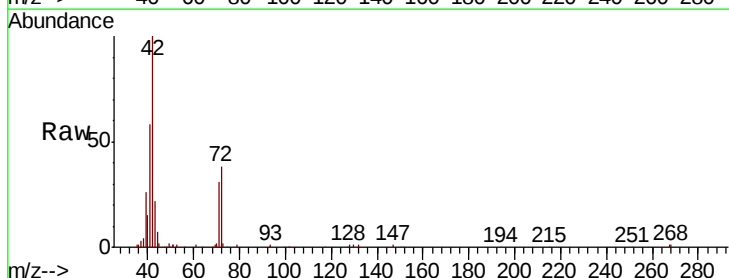
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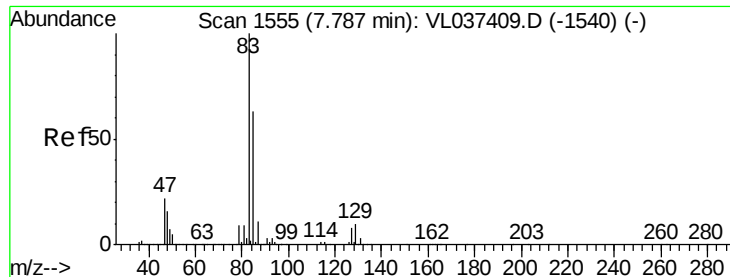
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#41
Tetrahydrofuran
Concen: 3.449 ppbv
RT: 6.06 min Scan# 1018
Delta R.T. 0.02 min
Lab File: VL037435.D
Acq: 13 Aug 2021 5:35

Tgt Ion	42	Resp	242457
Ion	Ratio	Lower	Upper
42	100		
72	42.4	33.5	50.3
71	38.4	32.6	48.8





#42

Bromodichloromethane

Concen: 0.002 ppbv

RT: 7.79 min Scan# 1555

Delta R.T. 0.00 min

Lab File: VL037435.D

Acq: 13 Aug 2021 5:35

Instrument :

MSVOA_L

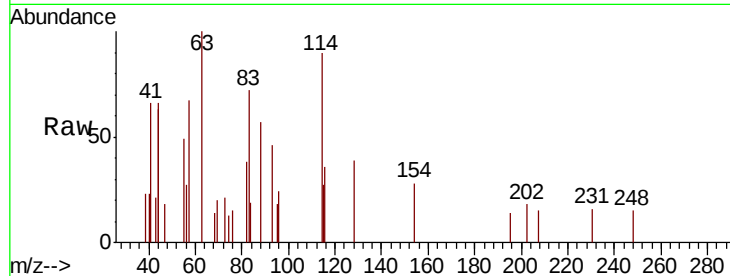
ClientSampled :

SVP-4REDL

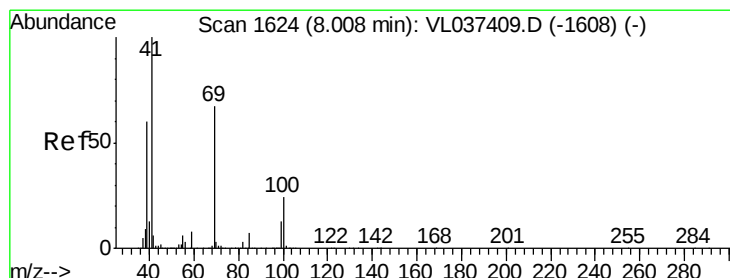
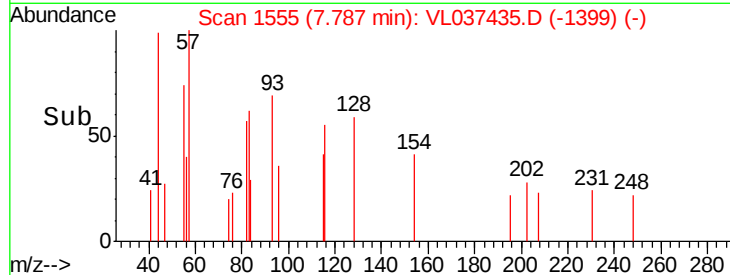
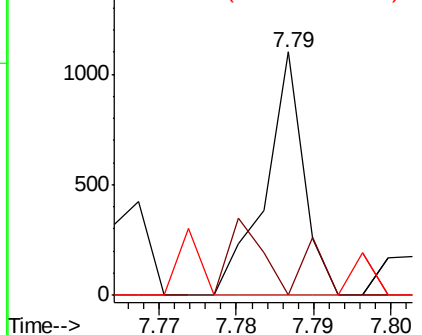
Tot Ion:	83	Resp:	380
Ion Ratio	Lower	Upper	
83	100		
85	0.0	50.2	75.2#
127	0.0	6.6	9.8#

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Abundance Ion 83.00 (82.70 to 83.70): VL0
Ion 85.00 (84.70 to 85.70): VL0
Ion 126.90 (126.60 to 127.60): VL0



#43

Methyl Methacrylate

Concen: 0.001 ppbv

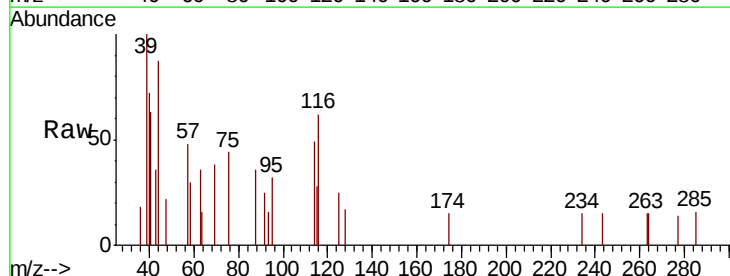
RT: 8.00 min Scan# 1621

Delta R.T. -0.01 min

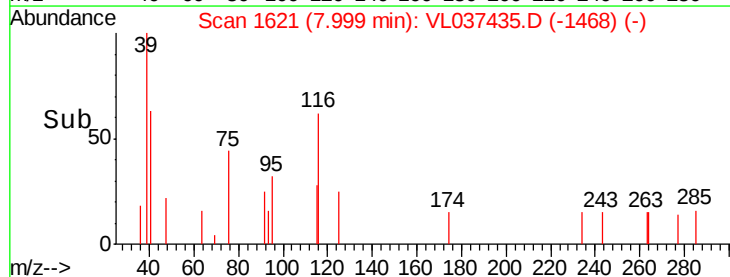
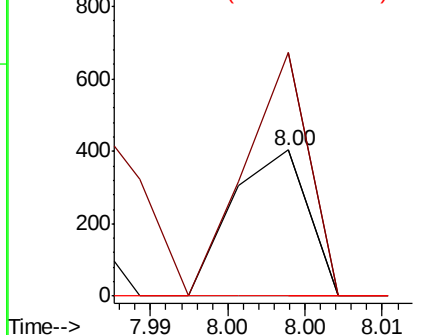
Lab File: VL037435.D

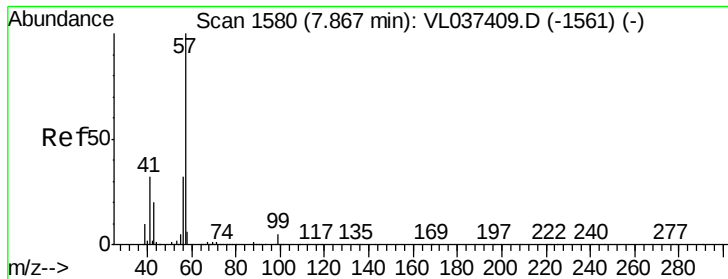
Acq: 13 Aug 2021 5:35

Tgt Ion:	69	Resp:	137
Ion Ratio	Lower	Upper	
69	100		
41	0.0	118.1	177.1#
100	0.0	27.6	41.4#



Abundance Ion 69.10 (68.80 to 69.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 100.10 (99.80 to 100.80): VL0





#44

2,2,4-Trimethylpentane

Concen: 0.005 ppbv

RT: 7.86 min Scan# 1579

Delta R.T. -0.00 min

Lab File: VL037435.D

Acq: 13 Aug 2021 5:35

Instrument :

MSVOA_L

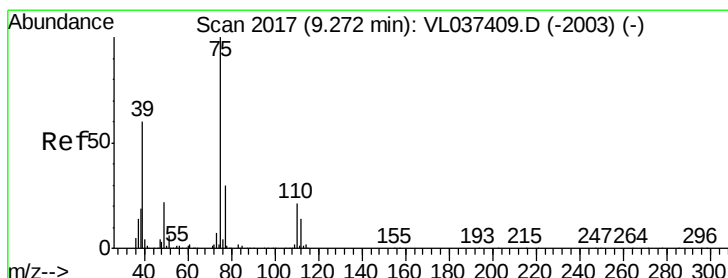
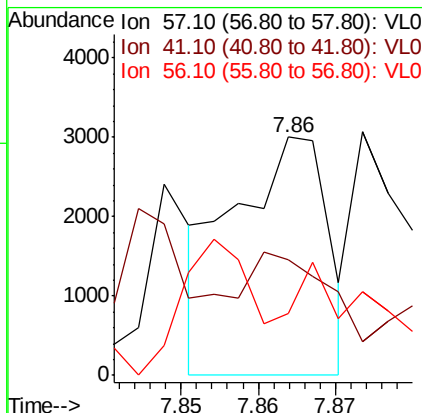
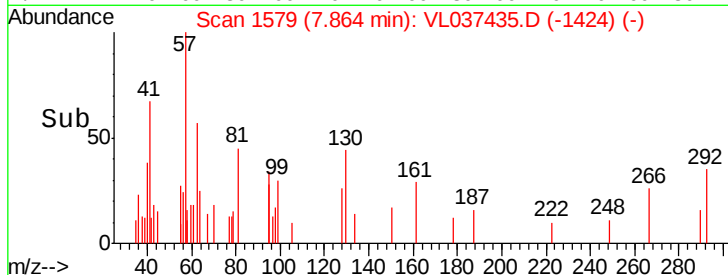
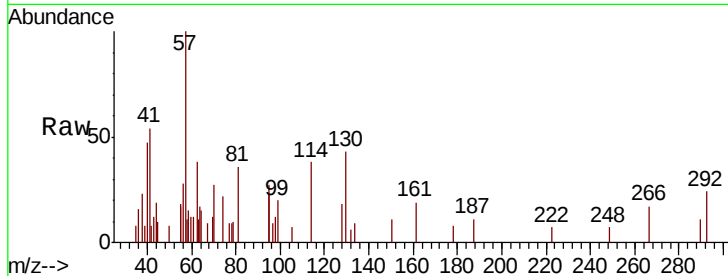
ClientSampled :

SVP-4REDL

Tot Ion:	57	Resp:	2571
Ion Ratio	Lower	Upper	
57	100		
41	0.0	26.4	39.6#
56	87.2	25.0	37.4#

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#45

t-1,3-Dichloropropene

Concen: 0.001 ppbv

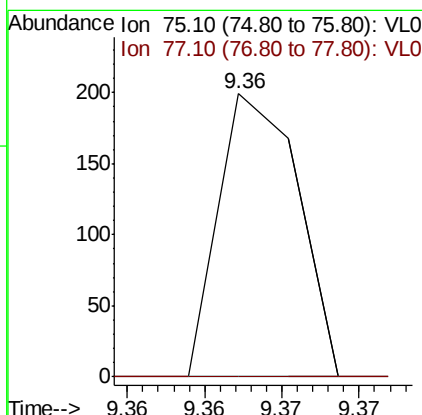
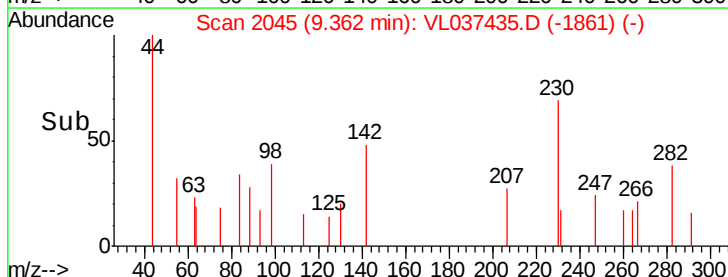
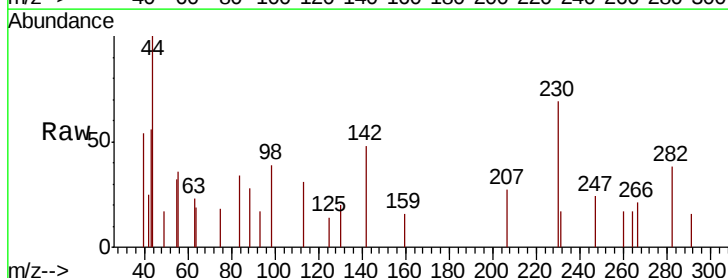
RT: 9.36 min Scan# 2045

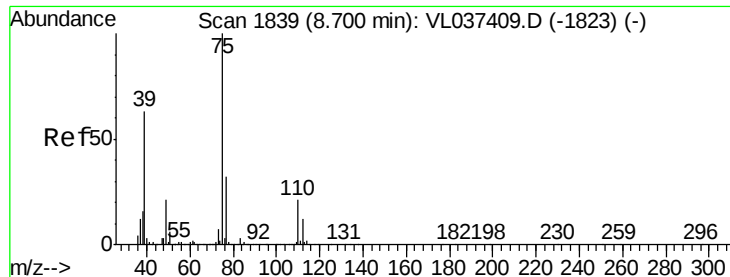
Delta R.T. 0.09 min

Lab File: VL037435.D

Acq: 13 Aug 2021 5:35

Tgt Ion:	75	Resp:	71
Ion Ratio	Lower	Upper	
75	100		
77	0.0	24.2	36.2#





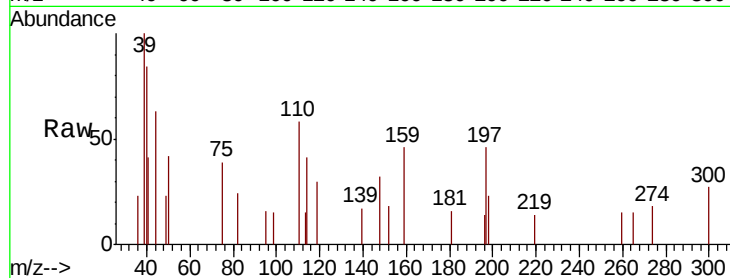
#46
 cis-1,3-Dichloropropene
 Concen: 0.001 ppbv
 RT: 8.71 min Scan# 1841
 Delta R.T. 0.01 min
 Lab File: VL037435.D
 Acq: 13 Aug 2021 5:35

Instrument :
 MSVOA_L
 ClientSampled :
 SVP-4REDL

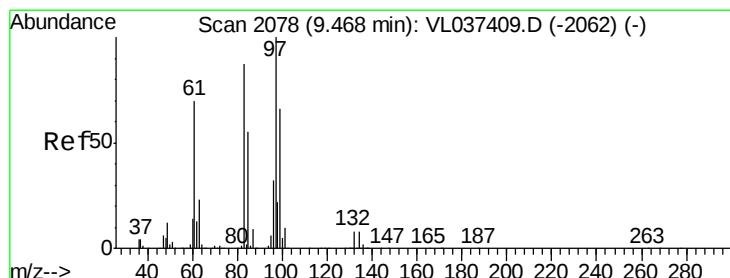
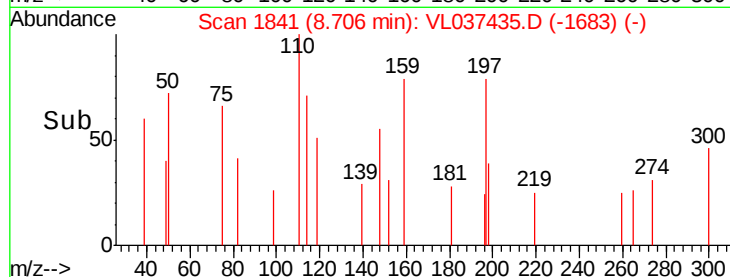
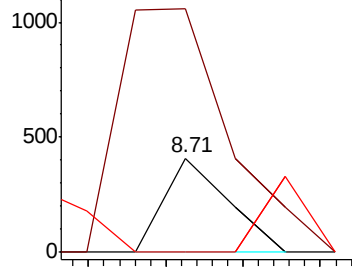
Tot Ion	Ratio	Lower	Upper
75	100		
39	210.2	50.1	75.1#
77	0.0	25.8	38.8#

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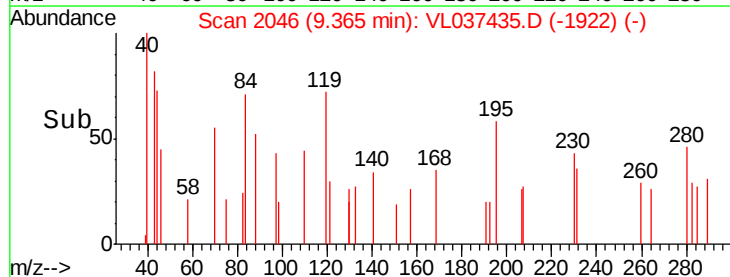
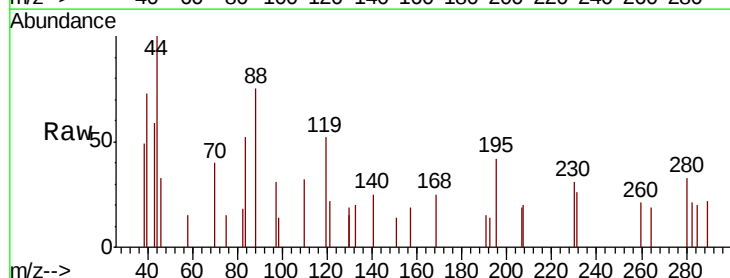
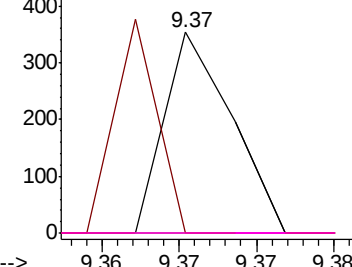
Abundance Ion 75.00 (74.70 to 75.70): VL0
 Ion 39.00 (38.70 to 39.70): VL0
 Ion 77.00 (76.70 to 77.70): VL0

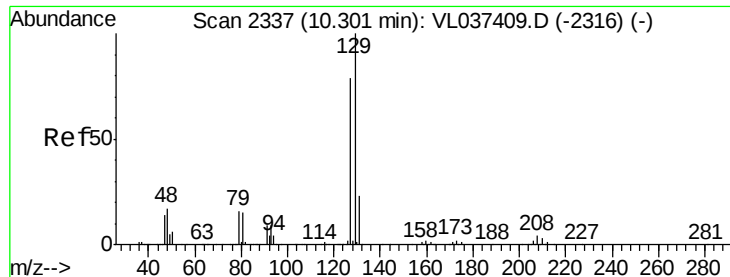


#47
 1,1,2-Trichloroethane
 Concen: 0.001 ppbv
 RT: 9.37 min Scan# 2046
 Delta R.T. -0.10 min
 Lab File: VL037435.D
 Acq: 13 Aug 2021 5:35

Tgt Ion	Ratio	Lower	Upper
97	100		
83	164.1	69.5	104.3#
85	0.0	43.8	65.8#
99	0.0	53.0	79.4#

Abundance Ion 97.00 (96.70 to 97.70): VL0
 Ion 83.00 (82.70 to 83.70): VL0
 Ion 85.00 (84.70 to 85.70): VL0
 Ion 99.00 (98.70 to 99.70): VL0





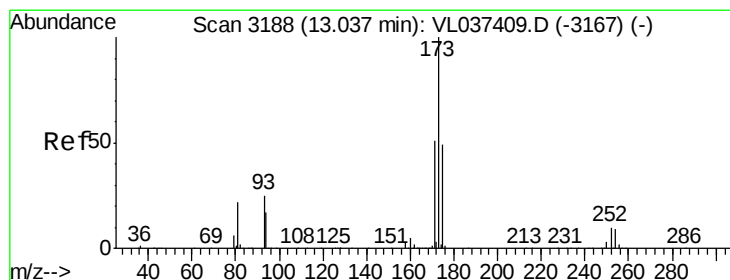
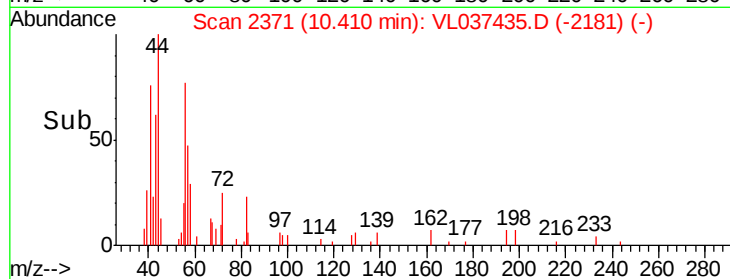
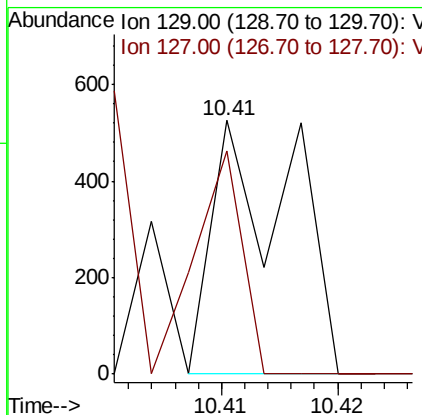
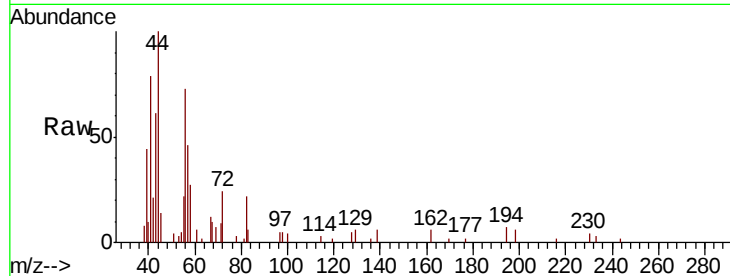
#48
 Dibromochloromethane
 Concen: 0.001 ppbv
 RT: 10.41 min Scan# 2371
 Delta R.T. 0.11 min
 Lab File: VL037435.D
 Acq: 13 Aug 2021 5:35

Instrument :
 MSVOA_L
 ClientSampled :
 SVP-4REDL

Tot Ion	Ratio	Lower	Upper
129	100		
127	55.3	39.6	118.8

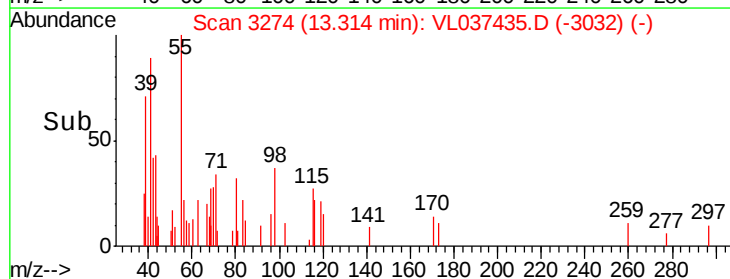
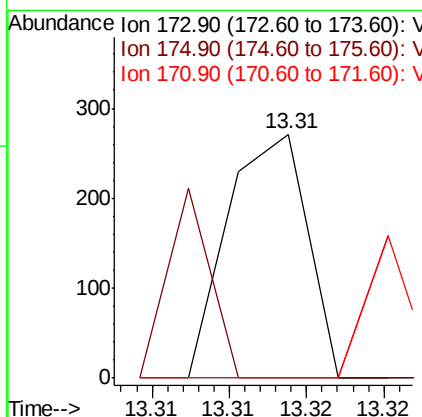
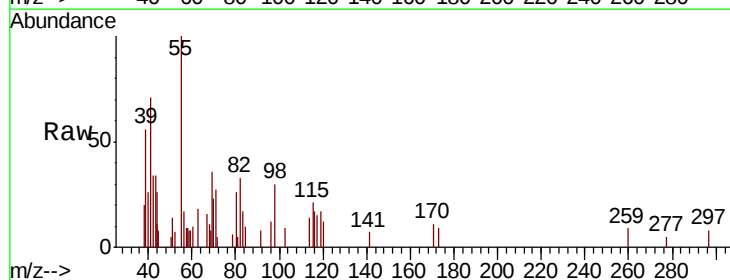
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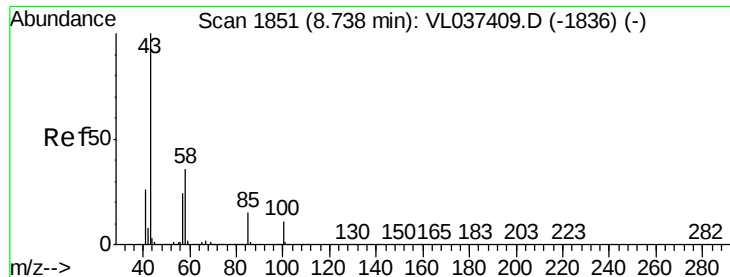
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#49
 Bromoform
 Concen: 0.001 ppbv
 RT: 13.31 min Scan# 3274
 Delta R.T. 0.28 min
 Lab File: VL037435.D
 Acq: 13 Aug 2021 5:35

Tgt Ion	Ratio	Lower	Upper
173	100		
175	183.3	39.9	59.9#
171	33.3	41.4	62.2#





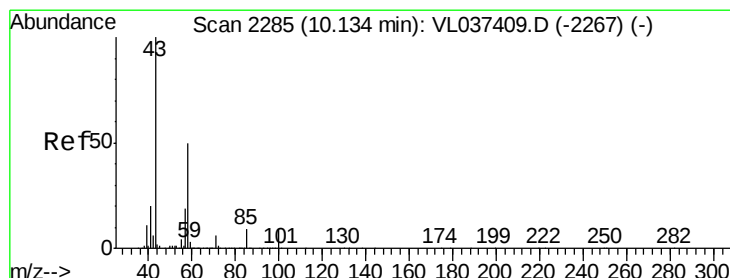
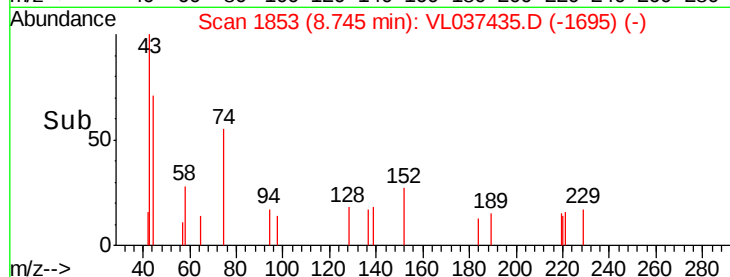
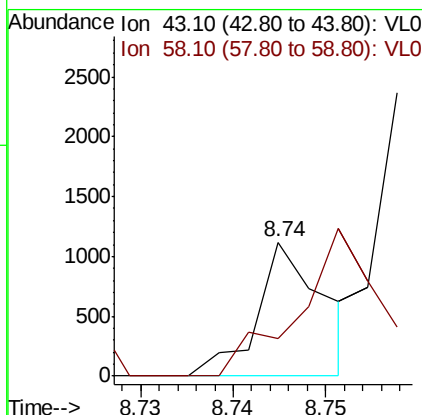
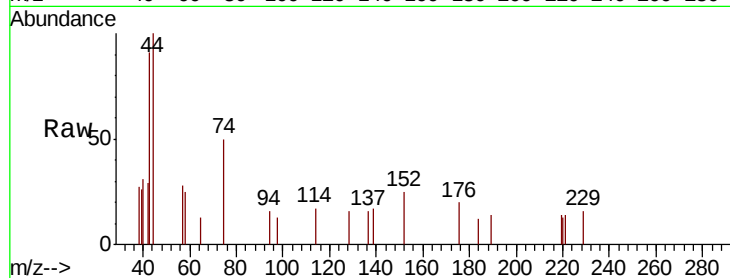
#50
 4-Methyl-2-Pentanone
 Concen: 0.003 ppbv
 RT: 8.74 min Scan# 1853
 Delta R.T. 0.01 min
 Lab File: VL037435.D
 Acq: 13 Aug 2021 5:35

Instrument :
 MSVOA_L
 ClientSampled :
 SVP-4REDL

Tot Ion: 43 Resp: 556
 Ion Ratio Lower Upper
 43 100
 58 0.0 29.9 44.9#

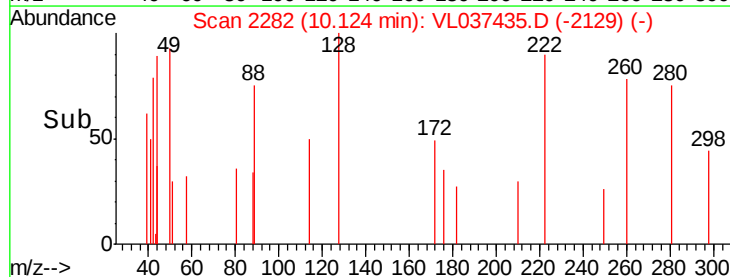
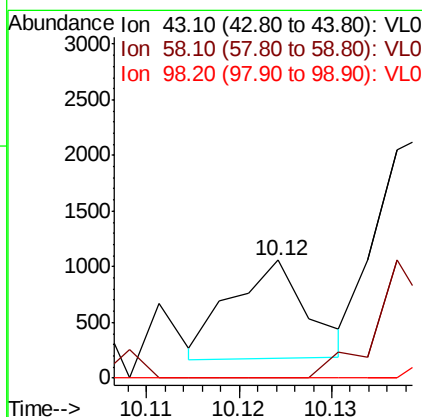
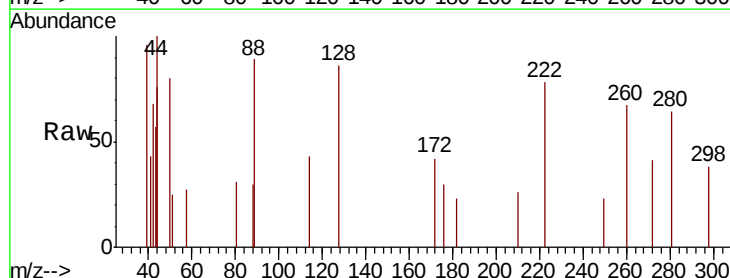
Manual Integrations
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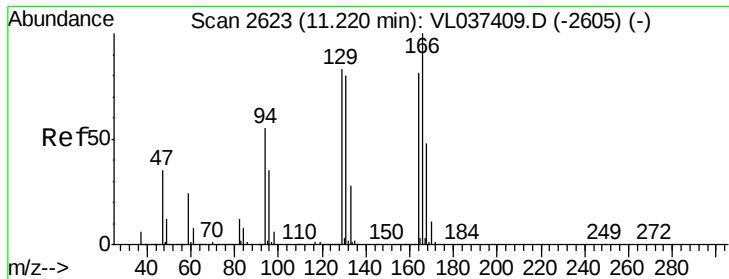
apatel
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#51
 2-Hexanone
 Concen: 0.006 ppbv
 RT: 10.12 min Scan# 2282
 Delta R.T. -0.01 min
 Lab File: VL037435.D
 Acq: 13 Aug 2021 5:35

Tgt Ion: 43 Resp: 501
 Ion Ratio Lower Upper
 43 100
 58 0.0 39.9 59.9#
 98 0.0 0.2 0.2#





#52

Tetrachloroethene

Concen: 0.003 ppbv

RT: 11.22 min Scan# 2622

Delta R.T. -0.00 min

Lab File: VL037435.D

Acq: 13 Aug 2021 5:35

Instrument :

MSVOA_L

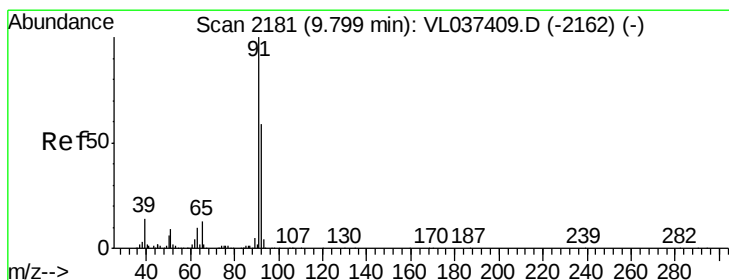
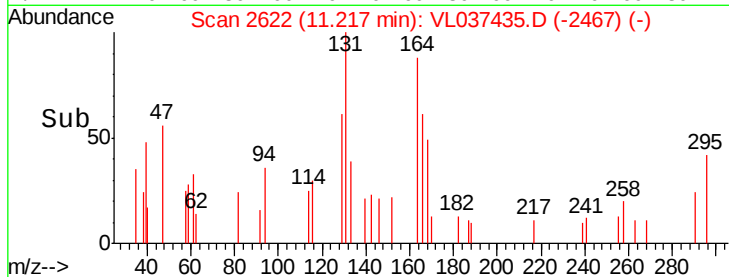
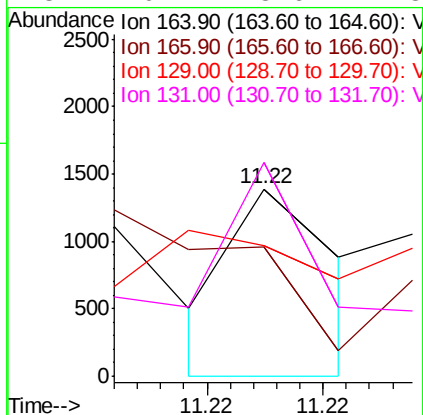
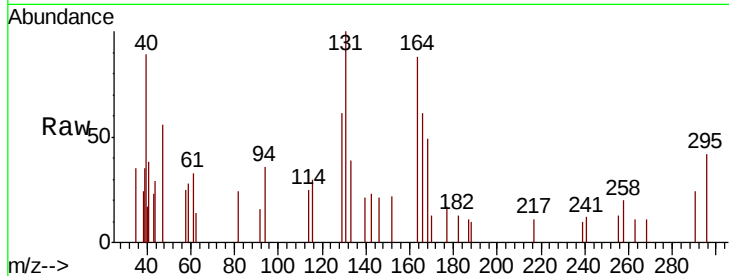
ClientSampled :

SVP-4REDL

Tot Ion:	164	Resp:	439
Ion	Ratio	Lower	Upper
164	100		
166	86.7	98.6	147.8#
129	27.1	82.0	123.0#
131	120.4	78.6	117.8#

Manual Integrations
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#53

Toluene

Concen: 0.011 ppbv

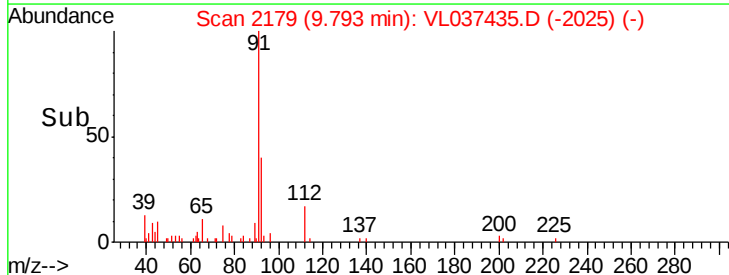
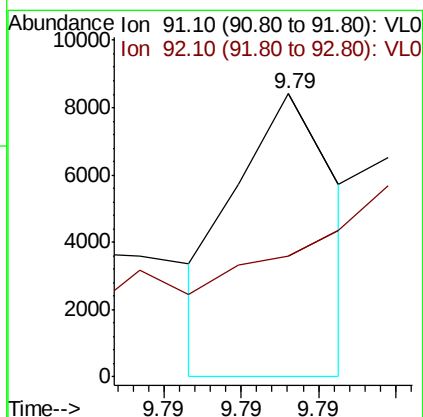
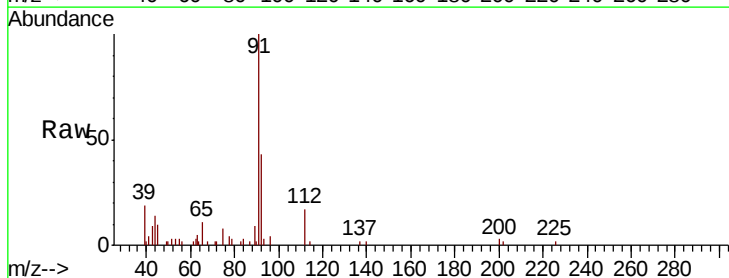
RT: 9.79 min Scan# 2179

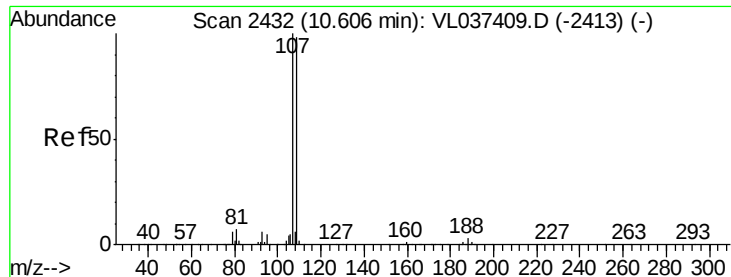
Delta R.T. -0.01 min

Lab File: VL037435.D

Acq: 13 Aug 2021 5:35

Tgt Ion:	91	Resp:	3835
Ion	Ratio	Lower	Upper
91	100		
92	0.0	49.0	73.6#





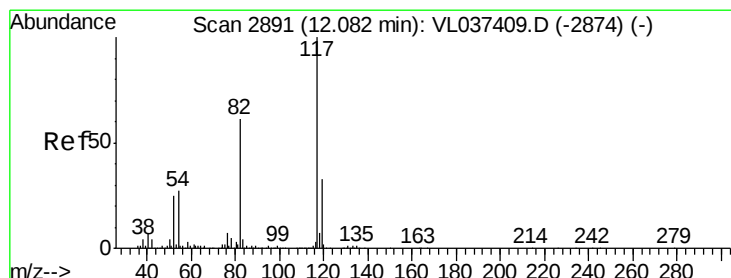
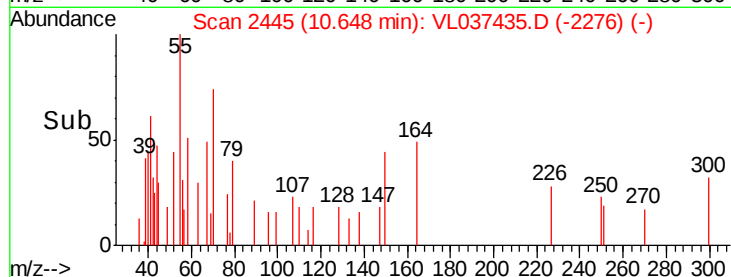
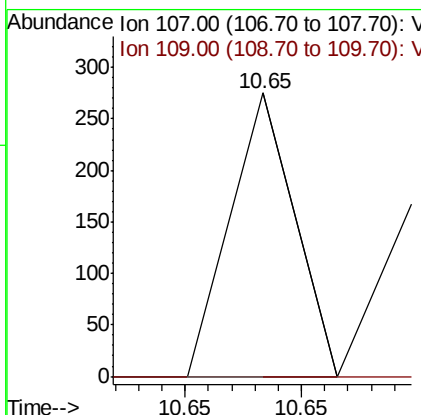
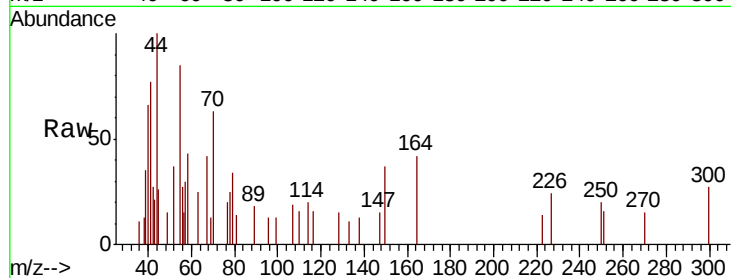
#54
1,2-Dibromoethane
Concen: 0.000 ppbv
RT: 10.65 min Scan# 2445
Delta R.T. 0.04 min
Lab File: VL037435.D
Acq: 13 Aug 2021 5:35

Instrument :
MSVOA_L
ClientSampled :
SVP-4REDL

Tot Ion:107 Resp: 53
Ion Ratio Lower Upper
107 100
109 0.0 78.4 117.6#

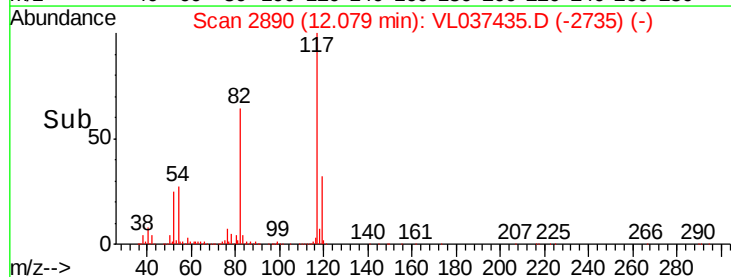
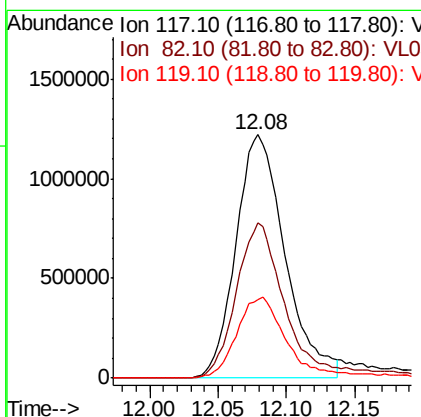
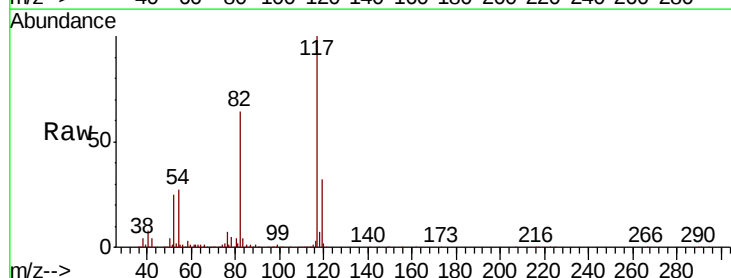
Manual Integrations
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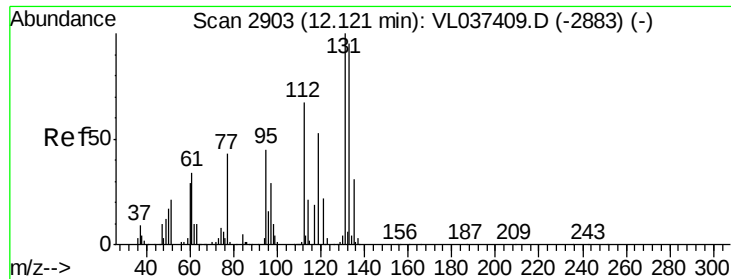
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#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2890
Delta R.T. -0.00 min
Lab File: VL037435.D
Acq: 13 Aug 2021 5:35

Tgt Ion:117 Resp: 3054184
Ion Ratio Lower Upper
117 100
82 68.6 53.1 79.7
119 35.7 28.0 42.0





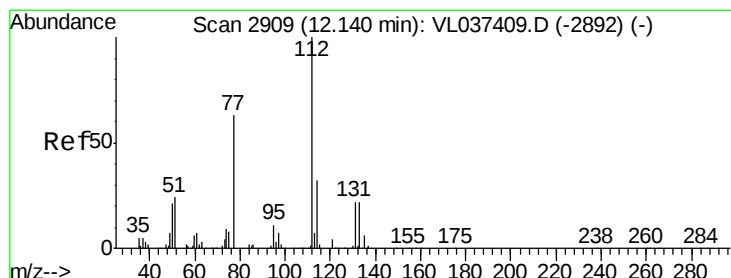
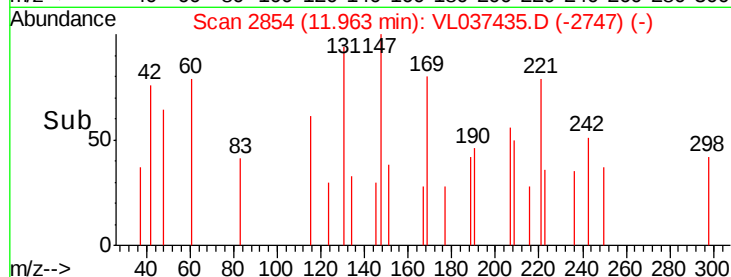
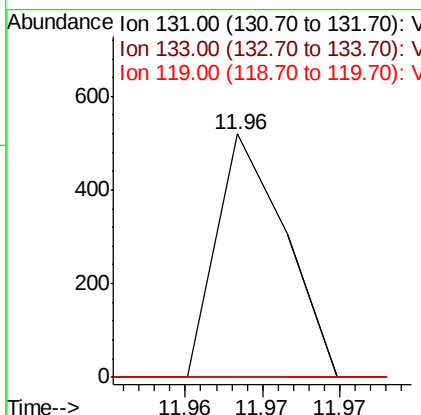
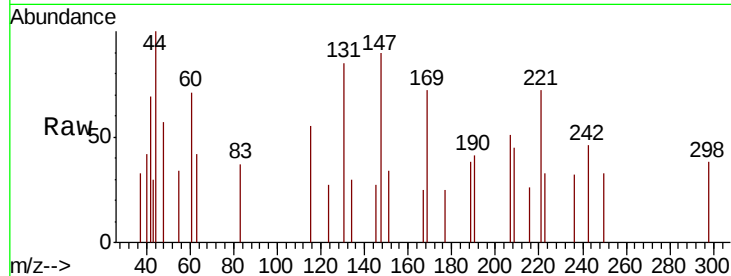
#56
 1,1,1,2-Tetrachloroethane
 Concen: 0.001 ppbv
 RT: 11.96 min Scan# 2854
 Delta R.T. -0.16 min
 Lab File: VL037435.D
 Acq: 13 Aug 2021 5:35

Instrument :
 MSVOA_L
 ClientSampleId :
 SVP-4REDL

Tot Ion:131 Resp: 160
 Ion Ratio Lower Upper
 131 100
 133 0.0 77.1 115.7#
 119 685528.8 59.7 89

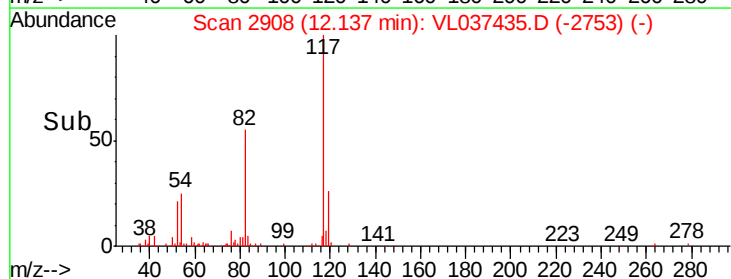
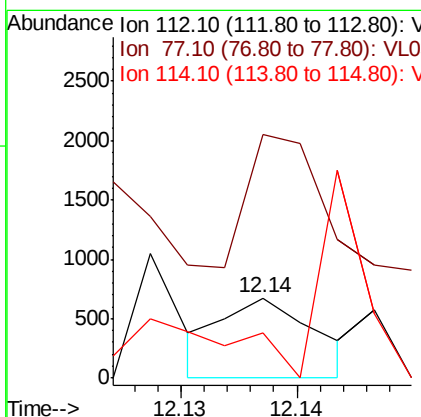
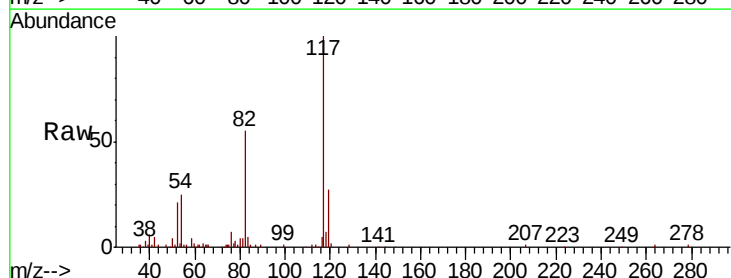
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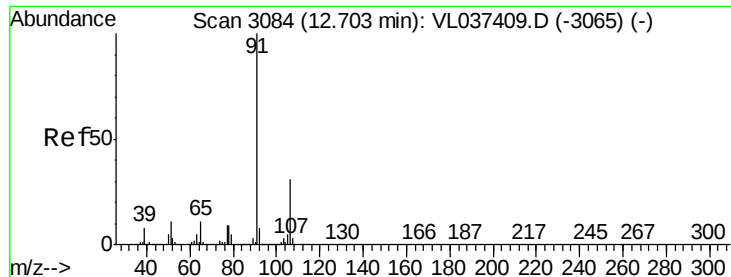
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#57
 Chlorobenzene
 Concen: 0.002 ppbv
 RT: 12.14 min Scan# 2908
 Delta R.T. -0.00 min
 Lab File: VL037435.D
 Acq: 13 Aug 2021 5:35

Tgt Ion:112 Resp: 378
 Ion Ratio Lower Upper
 112 100
 77 314.2 50.0 75.0#
 114 0.0 28.5 34.9#





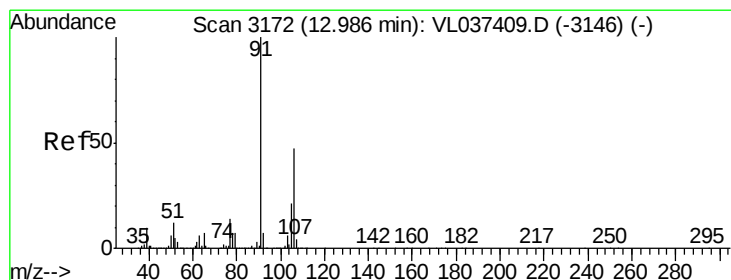
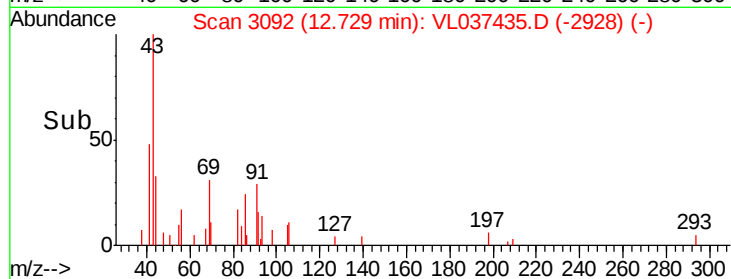
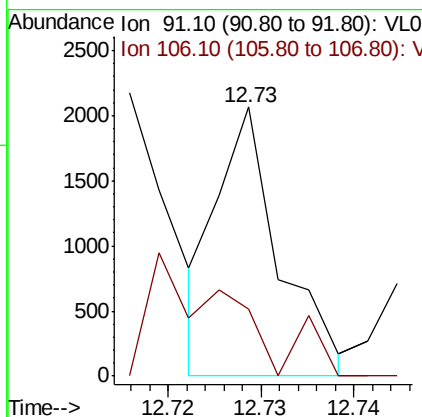
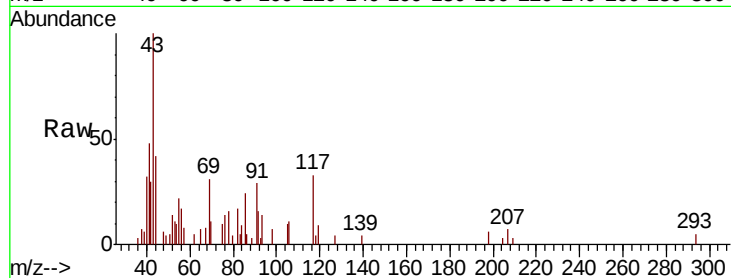
#58
Ethyl Benzene
Concen: 0.002 ppbv
RT: 12.73 min Scan# 3092
Delta R.T. 0.03 min
Lab File: VL037435.D
Acq: 13 Aug 2021 5:35

Instrument :
MSVOA_L
ClientSampled :
SVP-4REDL

Tot Ion: 91 Resp: 968
Ion Ratio Lower Upper
91 100
106 26.9 24.7 37.1

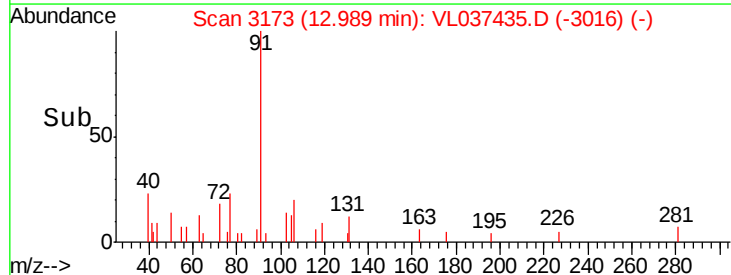
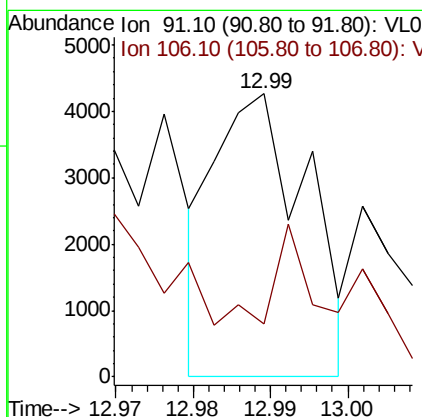
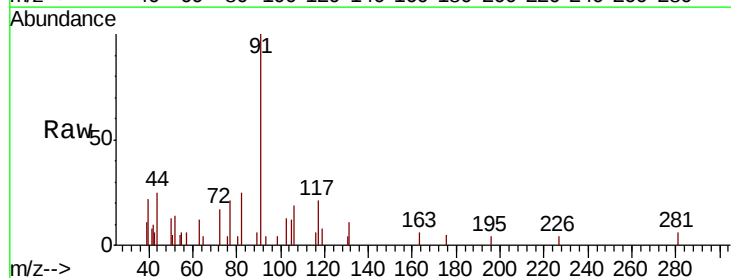
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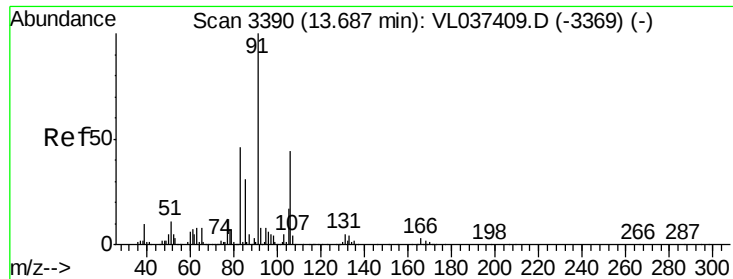
apatel
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#59
m/p-Xylene
Concen: 0.010 ppbv
RT: 12.99 min Scan# 3173
Delta R.T. 0.00 min
Lab File: VL037435.D
Acq: 13 Aug 2021 5:35

Tgt Ion: 91 Resp: 3559
Ion Ratio Lower Upper
91 100
106 0.0 36.6 54.8#





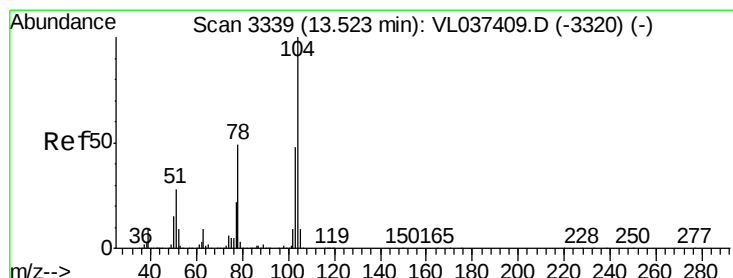
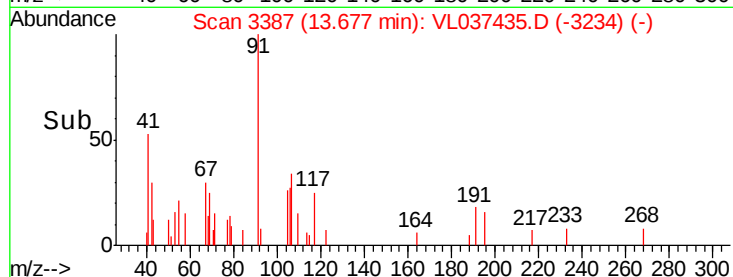
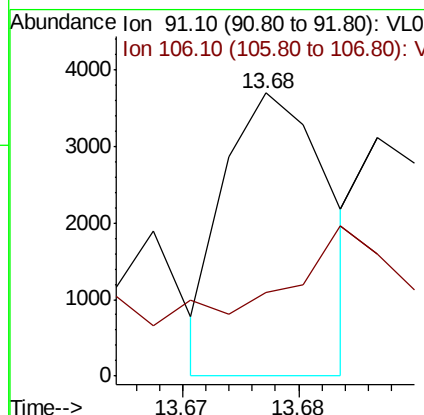
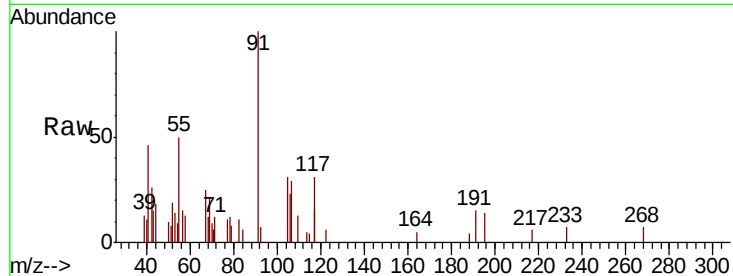
#60
o-Xylene
Concen: 0.007 ppbv
RT: 13.68 min Scan# 3387
Delta R.T. -0.01 min
Lab File: VL037435.D
Acq: 13 Aug 2021 5:35

Instrument :
MSVOA_L
ClientSampled :
SVP-4REDL

Tot Ion: 91 Resp: 2315
Ion Ratio Lower Upper
91 100
106 0.0 24.1 72.2#

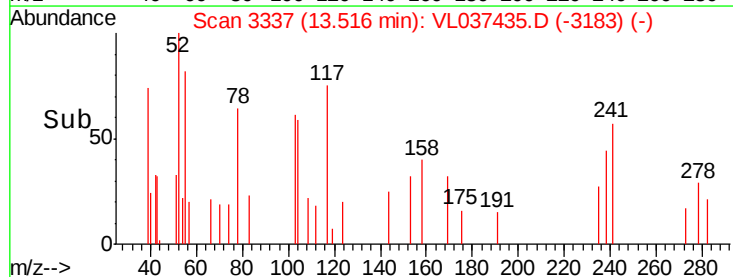
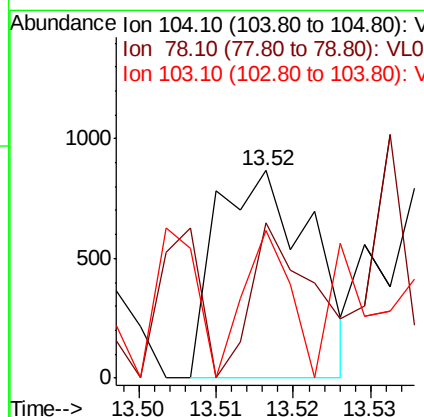
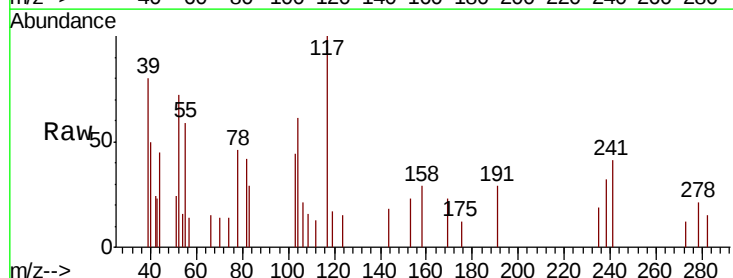
Manual Integrations
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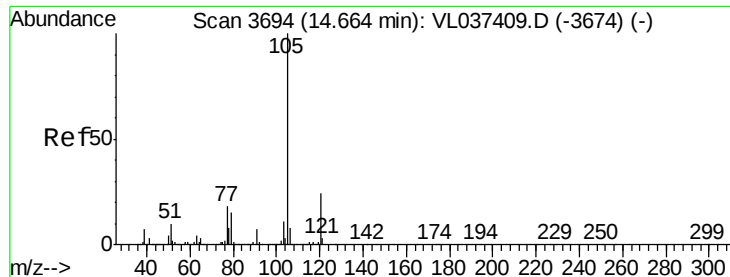
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#61
Styrene
Concen: 0.004 ppbv
RT: 13.52 min Scan# 3337
Delta R.T. -0.01 min
Lab File: VL037435.D
Acq: 13 Aug 2021 5:35

Tgt Ion: 104 Resp: 741
Ion Ratio Lower Upper
104 100
78 0.0 41.5 62.3#
103 0.0 40.2 60.2#





#62

Isopropylbenzene

Concen: 0.001 ppbv

RT: 14.67 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VL037435.D

Acq: 13 Aug 2021 5:35

Instrument :

MSVOA_L

ClientSampled :

SVP-4REDL

Tot Ion: 105 Resp: 476

Ion Ratio Lower Upper

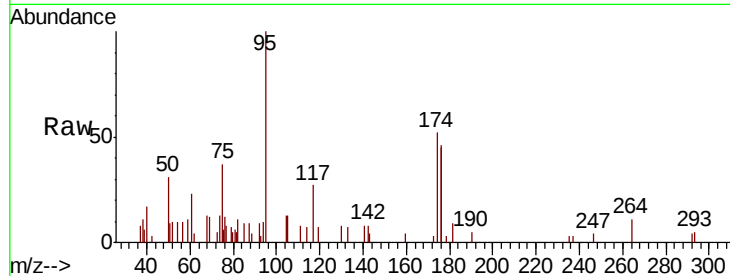
105 100

120 0.0 21.6 32.4#

Manual Integrations
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Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

1500

1000

500

0

14.66 14.67

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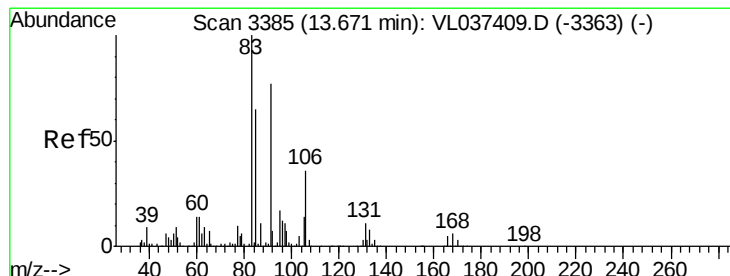
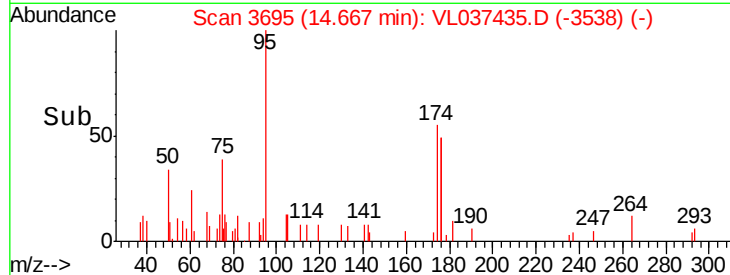
14.67

14.67

14.67

14.67

14.67



#63

1,1,2,2-Tetrachloroethane

Concen: 0.001 ppbv

RT: 13.65 min Scan# 3380

Delta R.T. -0.02 min

Lab File: VL037435.D

Acq: 13 Aug 2021 5:35

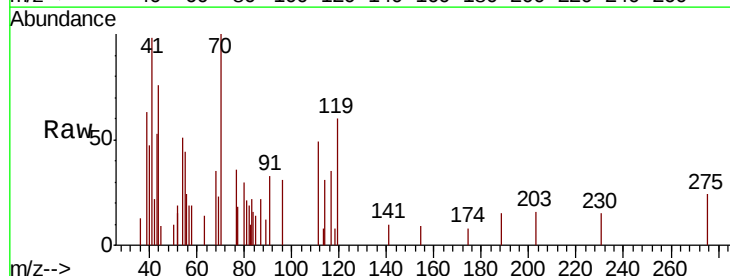
Tgt Ion: 83 Resp: 151

Ion Ratio Lower Upper

83 100

131 102.0 5.1 15.4#

85 207.9 33.4 100.2#



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VL0

800

600

400

200

0

13.64 13.65

13.65

13.65

13.65

13.65

13.65

13.65

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13.65

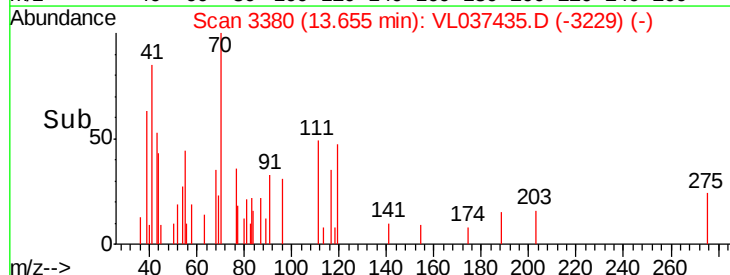
13.65

13.65

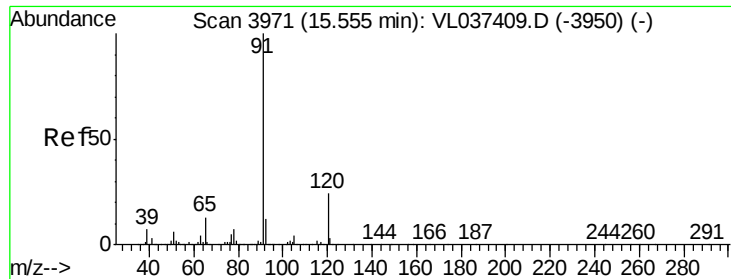
13.65

13.65

13.65



Time-->



#64

n-propylbenzene

Concen: 0.001 ppbv

RT: 15.67 min Scan# 4006

Delta R.T. 0.11 min

Lab File: VL037435.D

Acq: 13 Aug 2021 5:35

Instrument :

MSVOA_L

ClientSampled :

SVP-4REDL

Tot Ion:120 Resp: 136

Ion Ratio Lower Upper

120 100

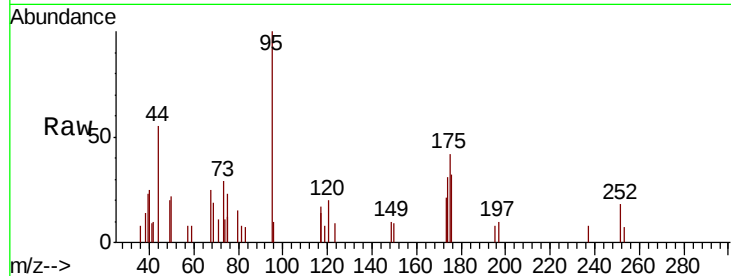
91 174.3 388.4 582.6#

Manual Integrations

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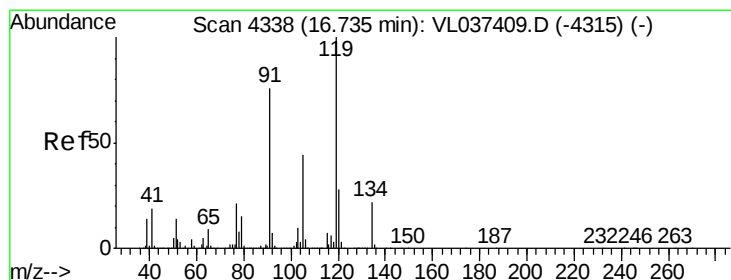
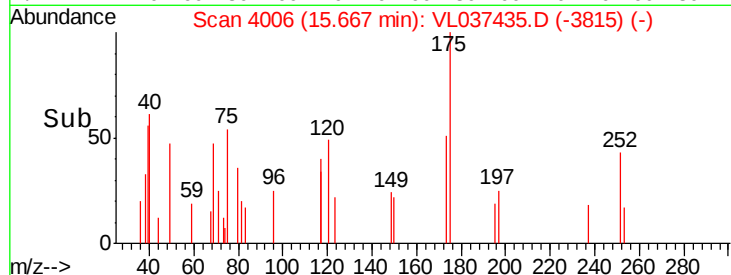
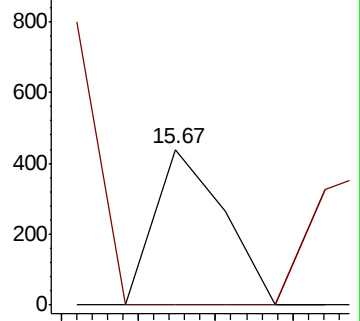
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Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0



#65

tert-Butylbenzene

Concen: 0.001 ppbv

RT: 16.73 min Scan# 4336

Delta R.T. -0.01 min

Lab File: VL037435.D

Acq: 13 Aug 2021 5:35

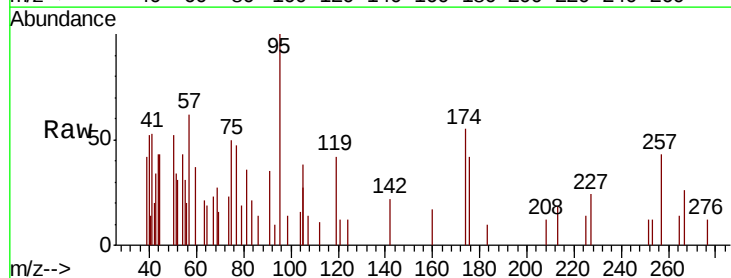
Tgt Ion:119 Resp: 227

Ion Ratio Lower Upper

119 100

91 0.0 62.2 93.4#

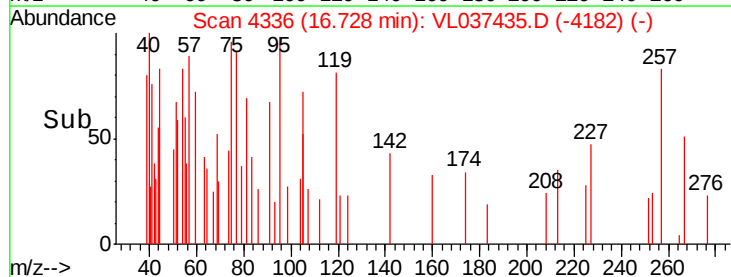
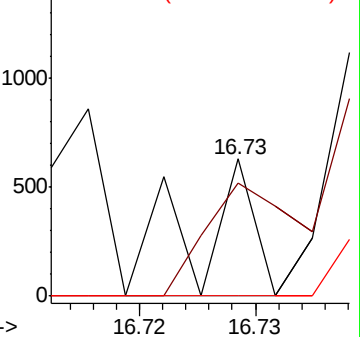
134 0.0 16.1 24.1#

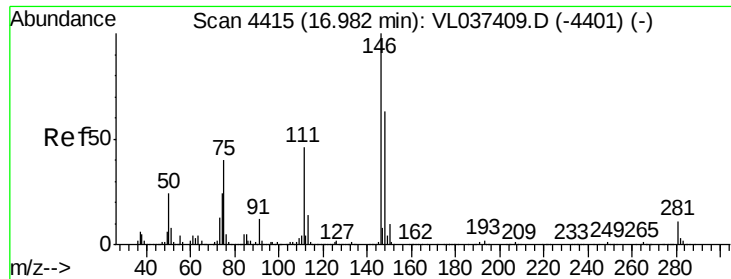


Abundance Ion 119.20 (118.90 to 119.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 134.20 (133.90 to 134.90): V





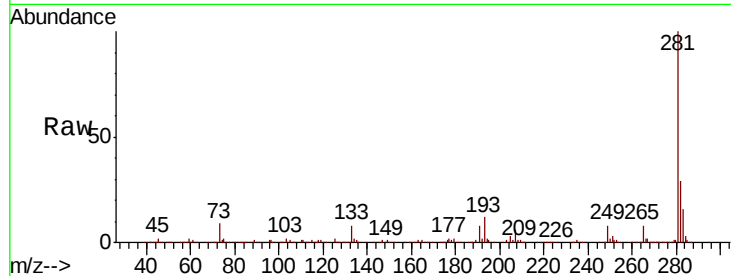
#66
Benzyl Chloride
Concen: 0.023 ppbv
RT: 16.98 min Scan# 4414
Delta R.T. -0.00 min
Lab File: VL037435.D
Acq: 13 Aug 2021 5:35

Instrument :
MSVOA_L
ClientSampled :
SVP-4REDL

Tot Ion	Ratio	Lower	Upper
91	100		
126	1067.2	14.3	21.5
128	0.0	4.6	7.0

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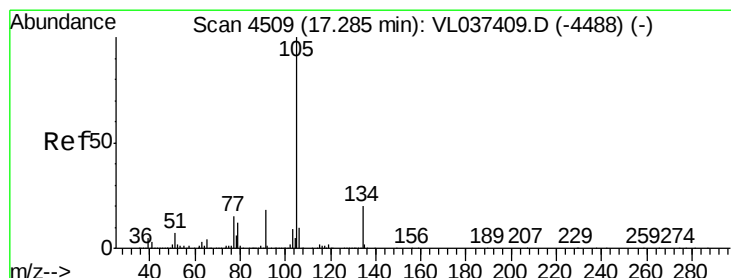
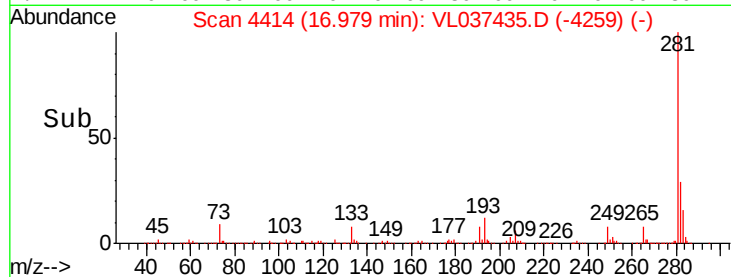
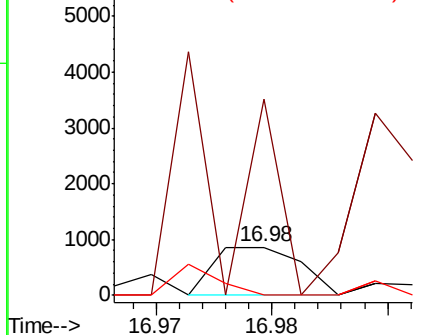
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Abundance Ion 91.10 (90.80 to 91.80): VL037435.D (-4401) (-)

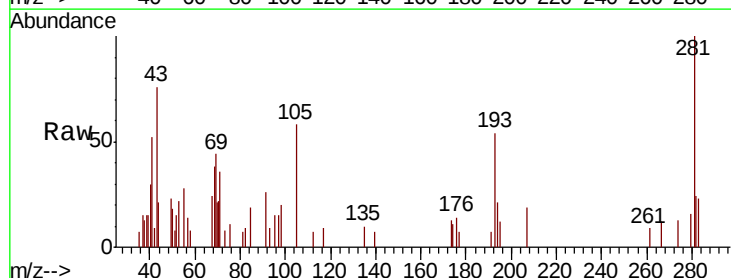
Ion 126.10 (125.80 to 126.80): VL037435.D (-4401) (-)

Ion 128.10 (127.80 to 128.80): VL037435.D (-4401) (-)



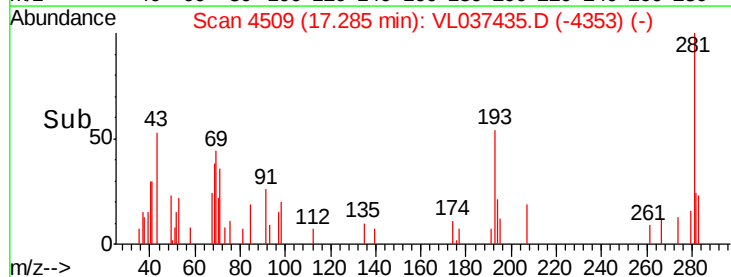
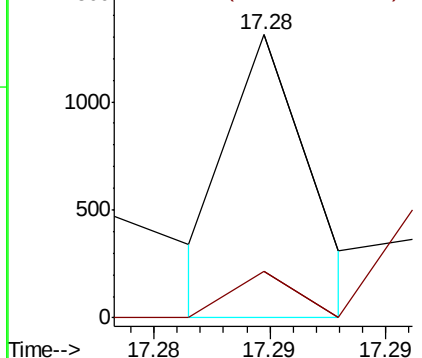
#67
sec-Butylbenzene
Concen: 0.001 ppbv
RT: 17.28 min Scan# 4509
Delta R.T. 0.00 min
Lab File: VL037435.D
Acq: 13 Aug 2021 5:35

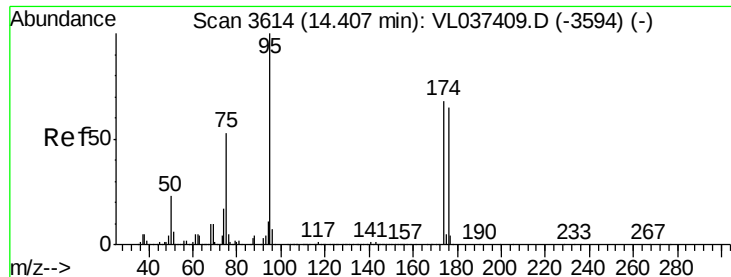
Tgt Ion	Ratio	Lower	Upper
105	100		
134	0.0	15.4	23.0



Abundance Ion 105.10 (104.80 to 105.80): VL037435.D (-4353) (-)

Ion 134.20 (133.90 to 134.90): VL037435.D (-4353) (-)





#68

1-Bromo-4-Fluorobenzene

Concen: 10.026 ppbv

RT: 14.41 min Scan# 3615

Delta R.T. 0.00 min

Lab File: VL037435.D

Acq: 13 Aug 2021 5:35

Instrument :

MSVOA_L

ClientSampled :

SVP-4REDL

Tot Ion: 95 Resp: 2196596

Ion Ratio Lower Upper

95 100

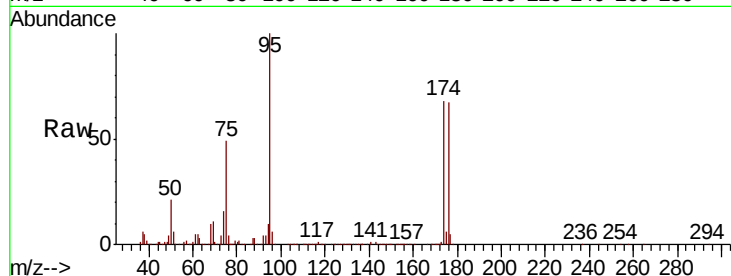
174 79.6 59.6 89.4

175 5.8 4.3 6.5

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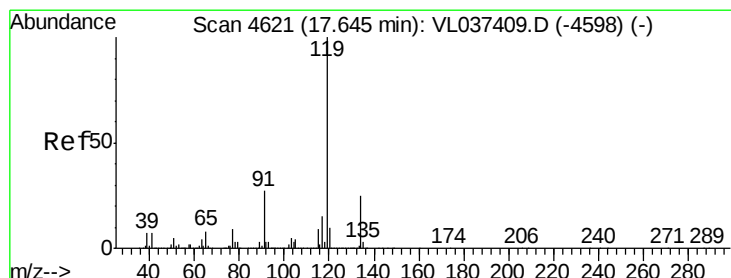
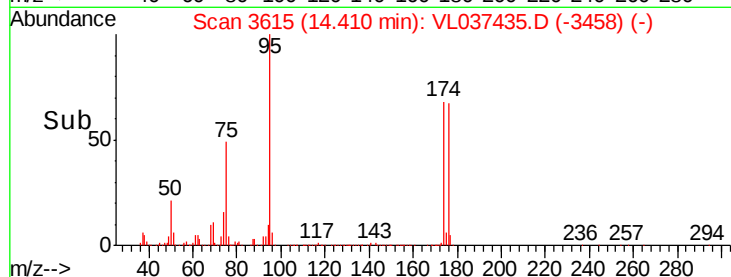
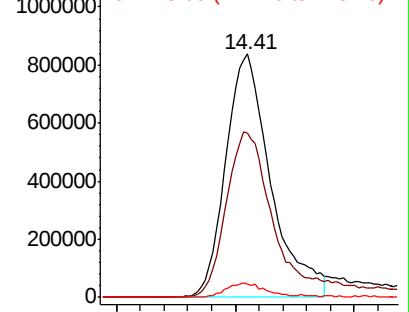
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Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V



#69

p-Isopropyltoluene

Concen: 0.001 ppbv

RT: 17.64 min Scan# 4620

Delta R.T. -0.00 min

Lab File: VL037435.D

Acq: 13 Aug 2021 5:35

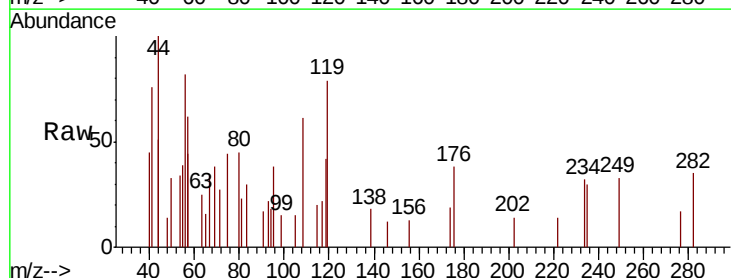
Tgt Ion: 119 Resp: 601

Ion Ratio Lower Upper

119 100

134 0.0 20.6 31.0#

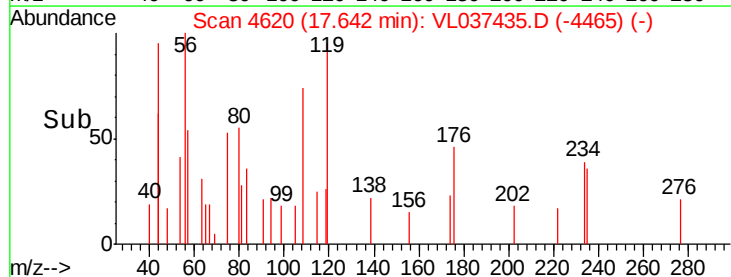
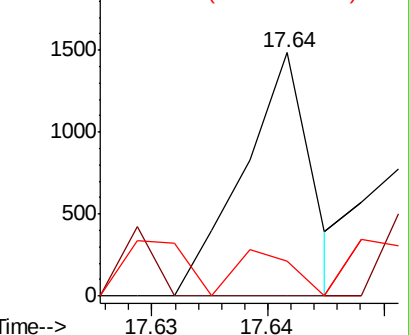
91 0.0 22.4 33.6#

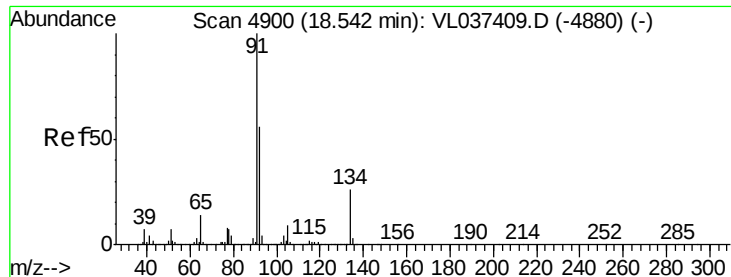


Abundance Ion 119.10 (118.80 to 119.80): V

Ion 134.20 (133.90 to 134.90): V

Ion 91.10 (90.80 to 91.80): VL0





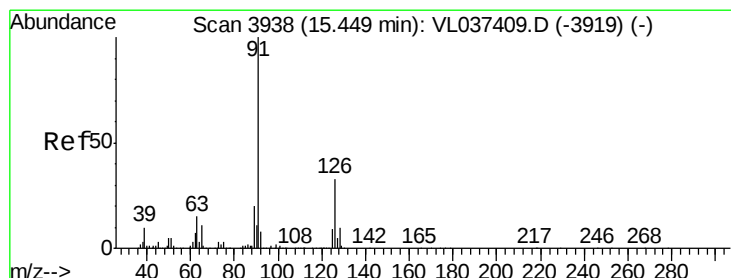
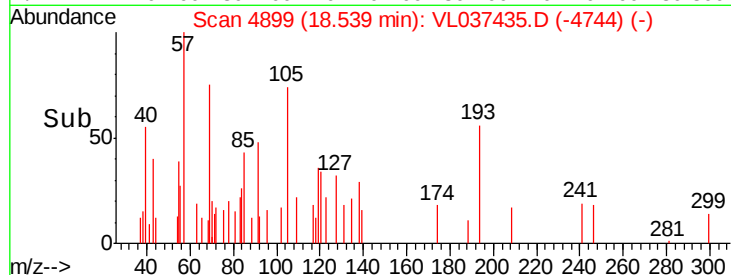
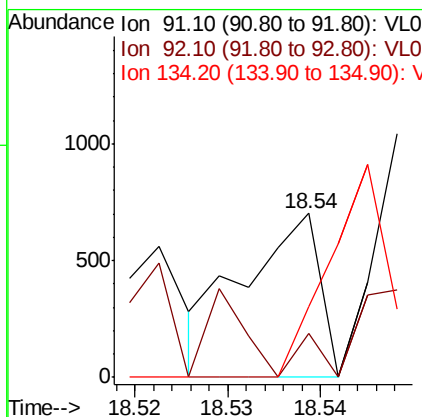
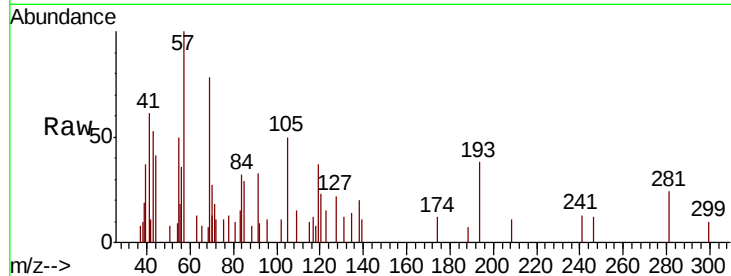
#70
n-Butylbenzene
Concen: 0.001 ppbv
RT: 18.54 min Scan# 4899
Delta R.T. -0.00 min
Lab File: VL037435.D
Acq: 13 Aug 2021 5:35

Instrument :
MSVOA_L
ClientSampled :
SVP-4REDL

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

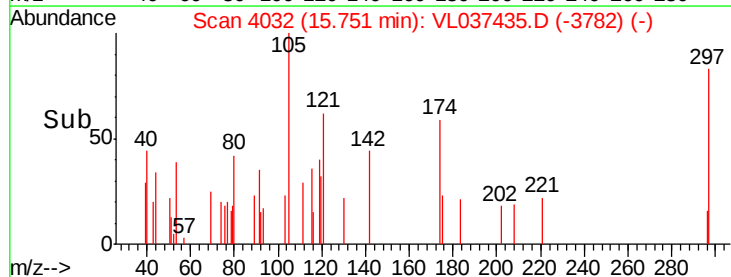
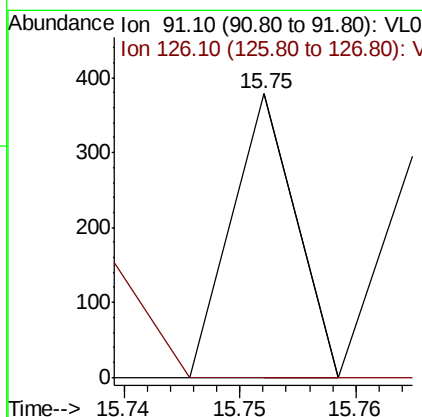
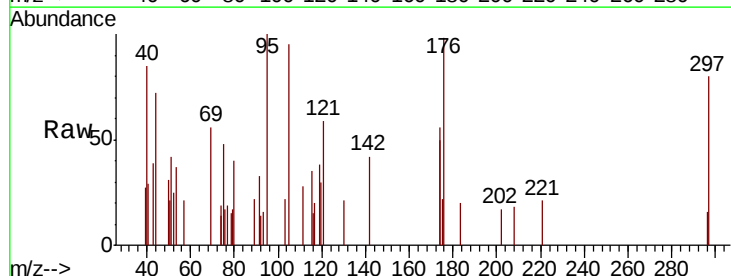
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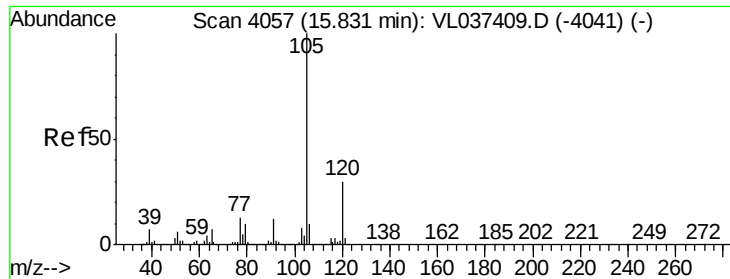
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#71
2-Chlorotoluene
Concen: 0.000 ppbv
RT: 15.75 min Scan# 4032
Delta R.T. 0.30 min
Lab File: VL037435.D
Acq: 13 Aug 2021 5:35

Tgt Ion	Ratio	Lower	Upper
91	100		
126	41.1	13.5	53.9





#72

4-Ethyltoluene

Concen: 0.004 ppbv

RT: 15.83 min Scan# 4056

Delta R.T. -0.00 min

Lab File: VL037435.D

Acq: 13 Aug 2021 5:35

Instrument :

MSVOA_L

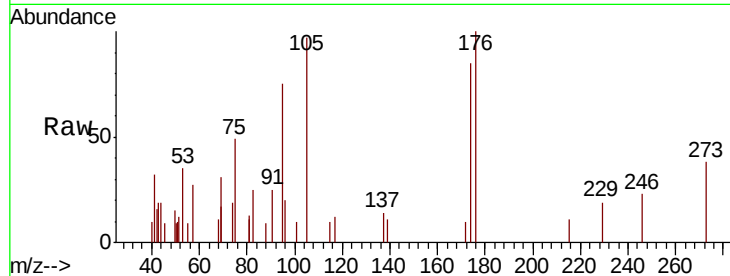
ClientSampled :

SVP-4REDL

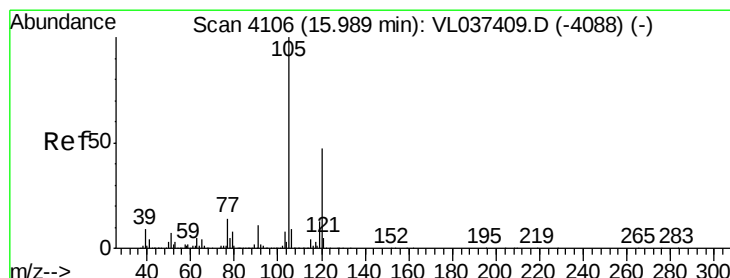
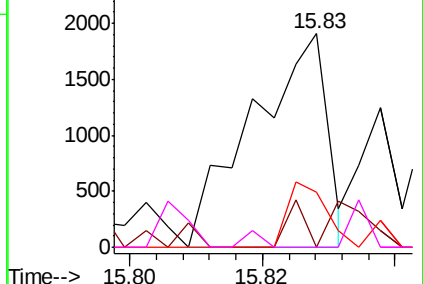
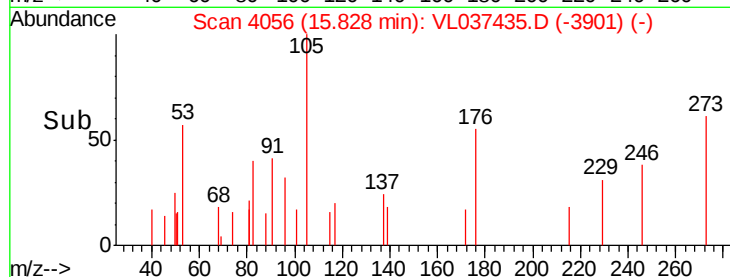
Tot Ion	Ratio	Lower	Upper
105	100		
120	10.1	25.0	37.4#
91	18.8	11.2	16.8#
77	0.0	11.2	16.8#

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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



#73

1,3,5-Trimethylbenzene

Concen: 0.001 ppbv

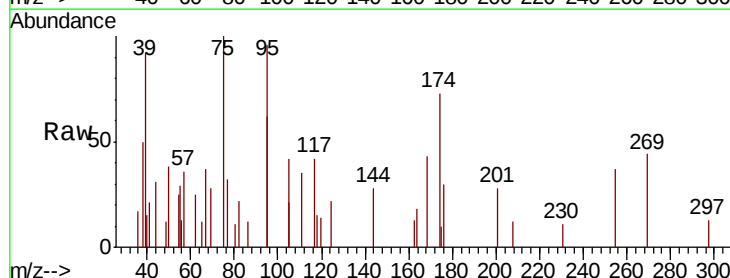
RT: 15.98 min Scan# 4102

Delta R.T. -0.01 min

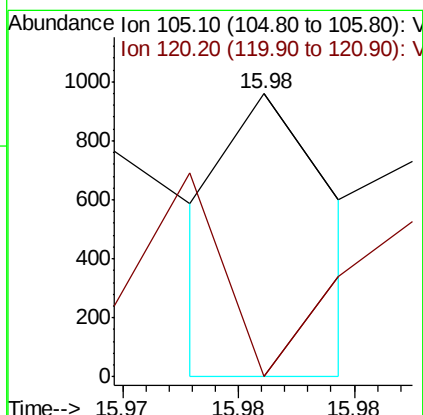
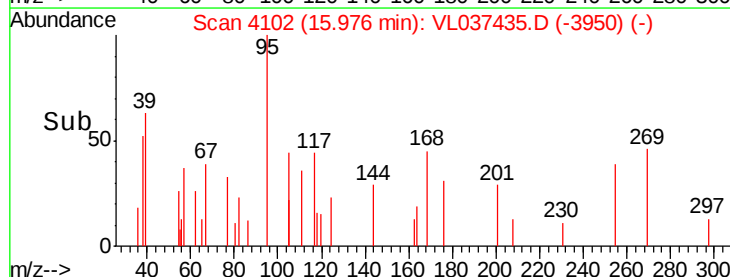
Lab File: VL037435.D

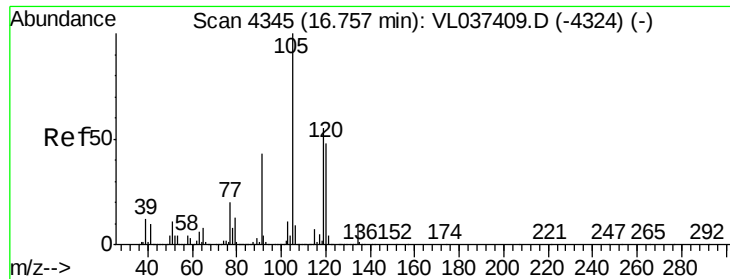
Acq: 13 Aug 2021 5:35

Tgt Ion	Ratio	Lower	Upper
105	100		
120	0.0	37.4	56.0#



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





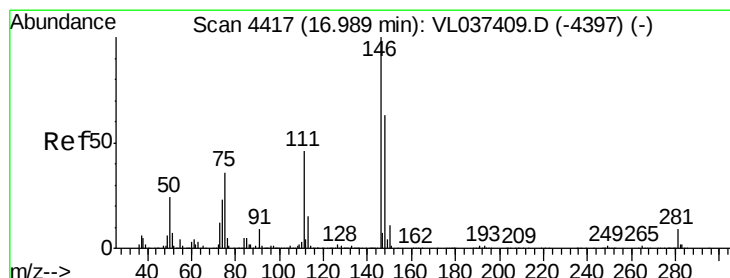
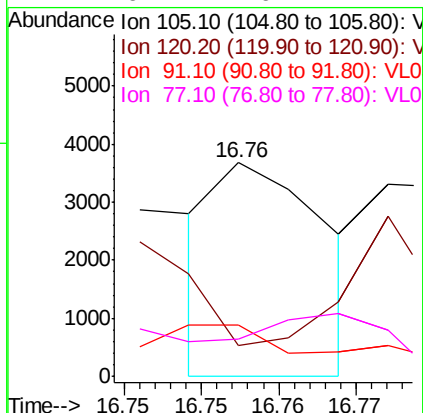
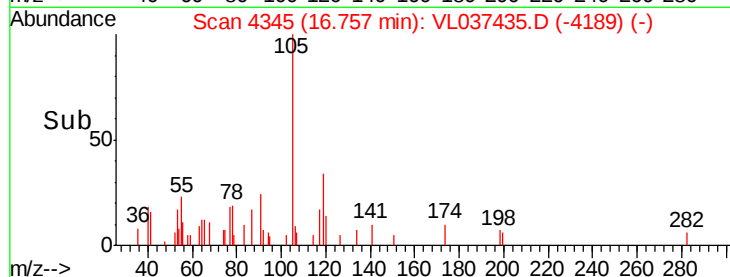
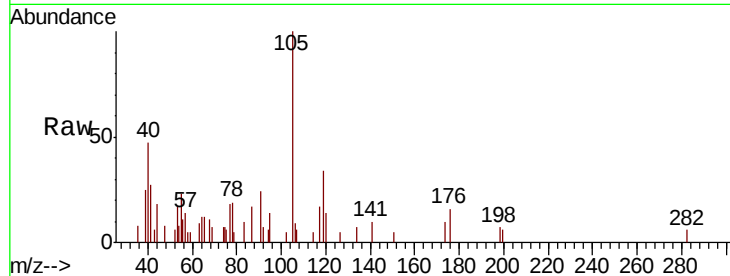
#74
 1,2,4-Trimethylbenzene
 Concen: 0.005 ppbv
 RT: 16.76 min Scan# 4345
 Delta R.T. 0.00 min
 Lab File: VL037435.D
 Acq: 13 Aug 2021 5:35

Instrument :
 MSVOA_L
 ClientSampled :
 SVP-4REDL

Tot Ion	Ratio	Lower	Upper
105	100		
120	0.0	38.2	57.2#
91	36.9	35.4	53.2
77	62.4	16.2	24.2#

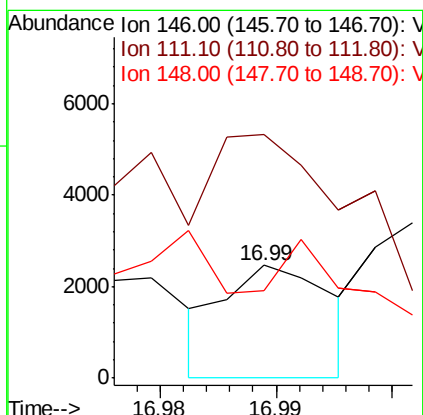
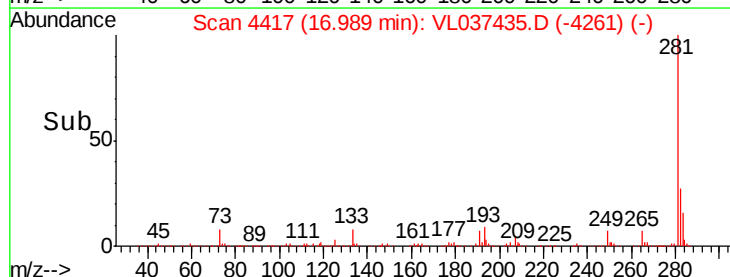
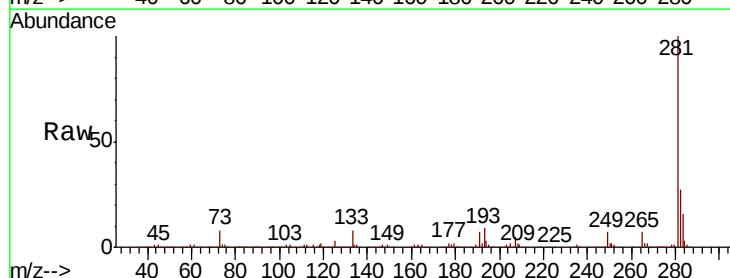
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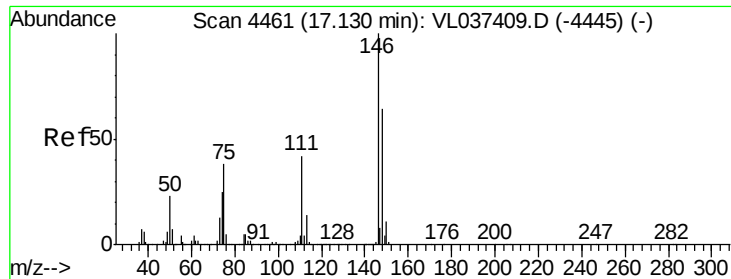
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#75
 1,3-Dichlorobenzene
 Concen: 0.007 ppbv
 RT: 16.99 min Scan# 4417
 Delta R.T. 0.00 min
 Lab File: VL037435.D
 Acq: 13 Aug 2021 5:35

Tgt Ion	Ratio	Lower	Upper
146	100		
111	0.0	22.9	68.7#
148	498.7	32.0	96.2#





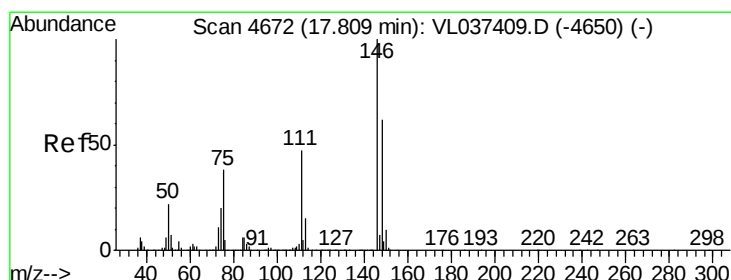
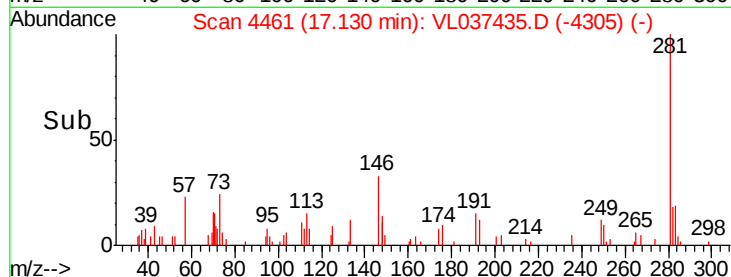
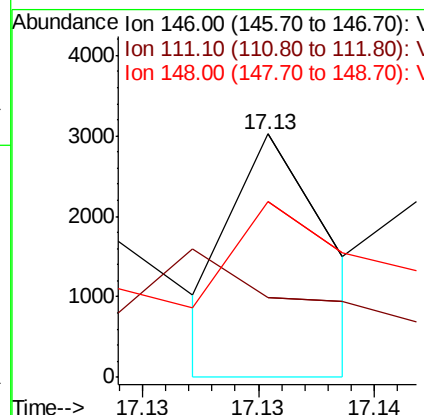
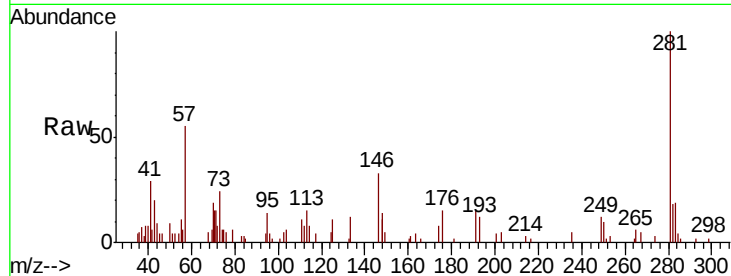
#76
 1,4-Dichlorobenzene
 Concen: 0.004 ppbv
 RT: 17.13 min Scan# 4461
 Delta R.T. 0.00 min
 Lab File: VL037435.D
 Acq: 13 Aug 2021 5:35

Instrument :
 MSVOA_L
 ClientSampleId :
 SVP-4REDL

Tot Ion	Ratio	Lower	Upper
146	100		
111	362.9	22.8	68.4#
148	483.7	34.0	102.0#

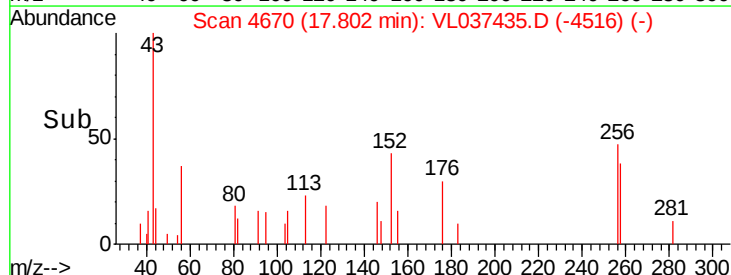
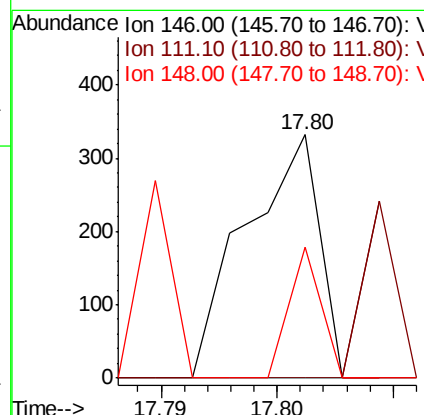
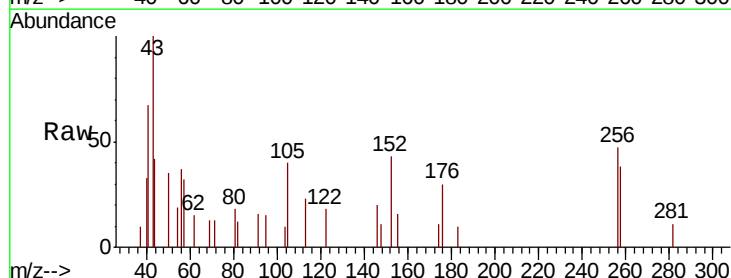
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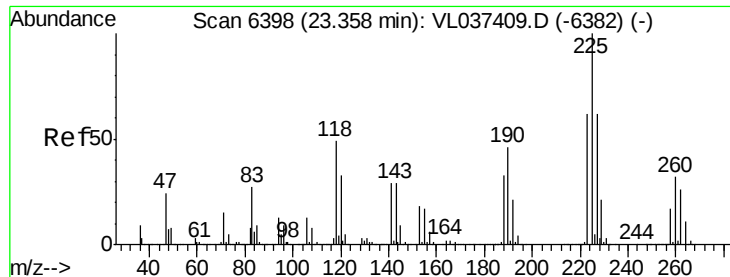
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#77
 1,2-Dichlorobenzene
 Concen: 0.001 ppbv
 RT: 17.80 min Scan# 4670
 Delta R.T. -0.01 min
 Lab File: VL037435.D
 Acq: 13 Aug 2021 5:35

Tgt Ion	Ratio	Lower	Upper
146	100		
111	171.2	23.8	71.5#
148	0.0	32.5	97.4#





#78

Hexachloro-1,3-Butadiene

Concen: 0.000 ppbv

RT: 23.43 min Scan# 6421

Delta R.T. 0.07 min

Lab File: VL037435.D

Acq: 13 Aug 2021 5:35

Instrument :

MSVOA_L

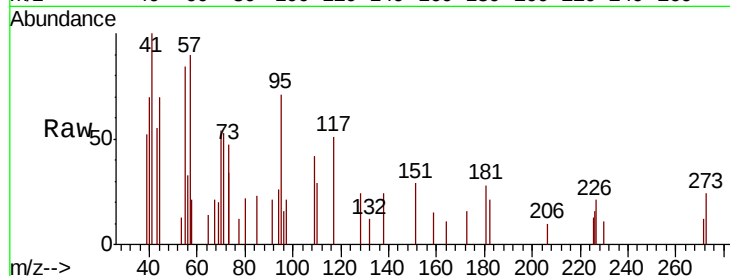
ClientSampled :

SVP-4REDL

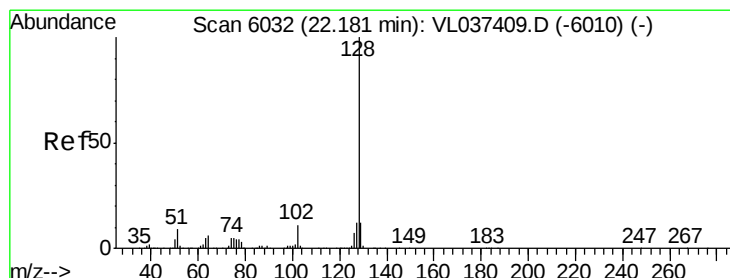
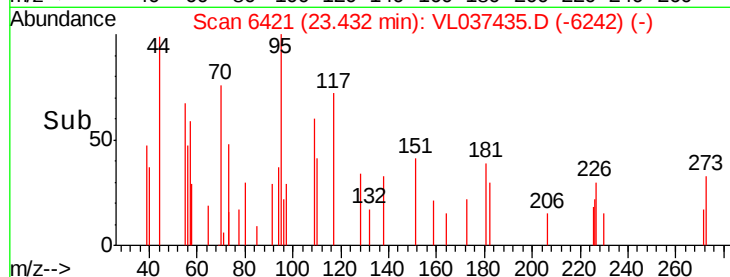
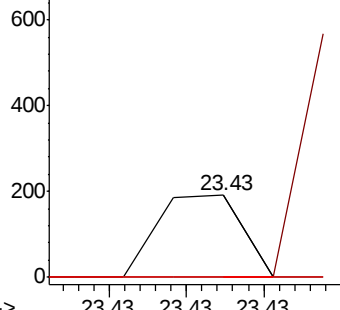
Tot Ion:	225	Resp:	73
Ion Ratio	Lower	Upper	
225	100		
223	226.0	51.2	76.8#
227	0.0	52.2	78.4#

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



#79

Naphthalene

Concen: 0.002 ppbv

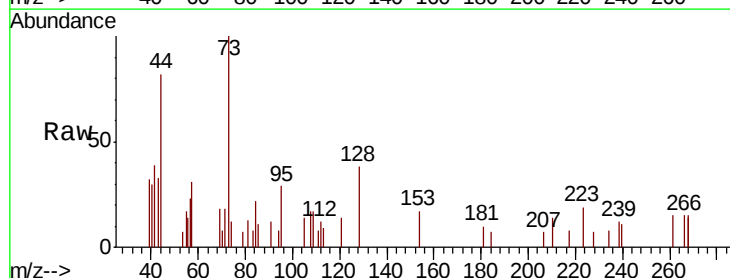
RT: 22.18 min Scan# 6031

Delta R.T. -0.00 min

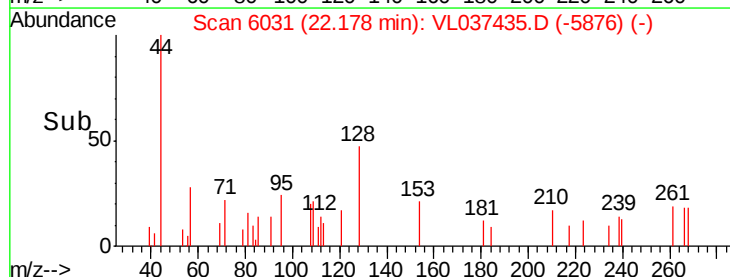
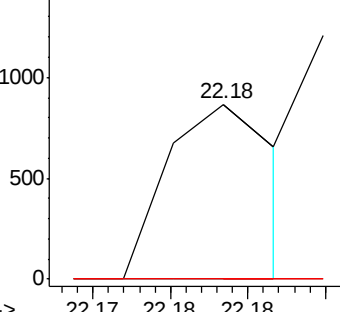
Lab File: VL037435.D

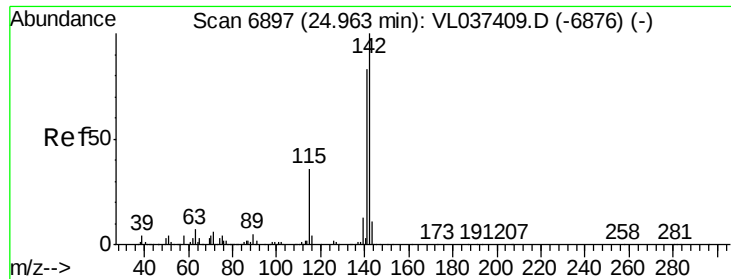
Acq: 13 Aug 2021 5:35

Tgt Ion:	128	Resp:	422
Ion Ratio	Lower	Upper	
128	100		
127	0.0	9.9	14.9#
129	0.0	9.4	14.0#



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





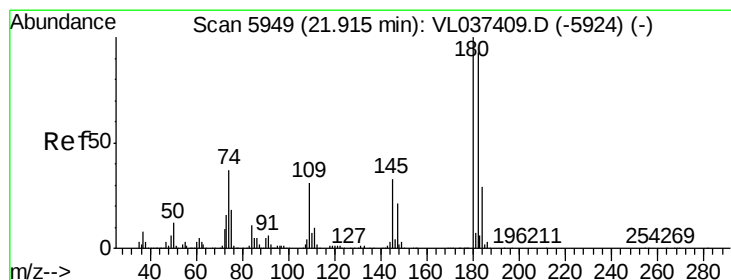
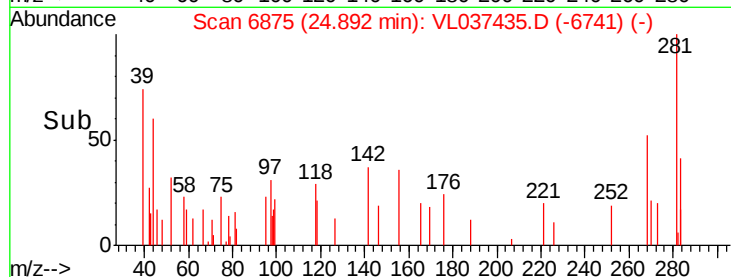
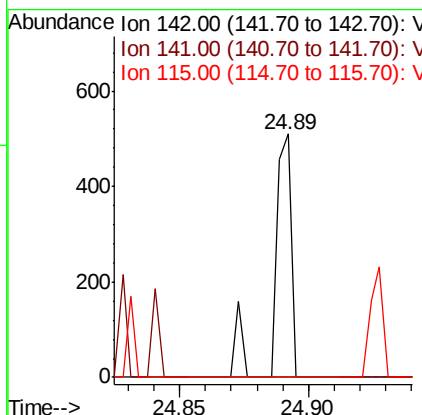
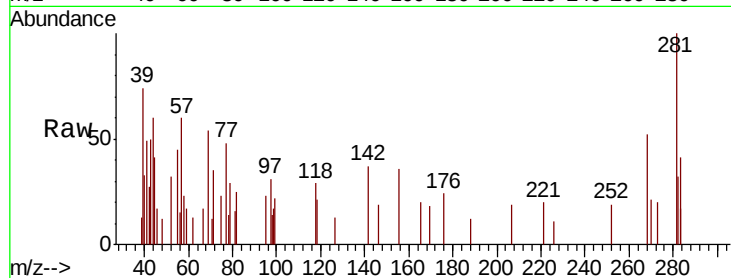
#80
Naphthalene, 2-methyl-
Concen: 0.005 ppbv
RT: 24.89 min Scan# 6875
Delta R.T. -0.07 min
Lab File: VL037435.D
Acq: 13 Aug 2021 5:35

Instrument :
MSVOA_L
ClientSampleId :
SVP-4REDL

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.6	68.7	103.1
115	39.6	32.7	49.1

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#81
1,2,4-Trichlorobenzene
Concen: 0.001 ppbv
RT: 21.92 min Scan# 5950
Delta R.T. 0.00 min
Lab File: VL037435.D
Acq: 13 Aug 2021 5:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	113.8	78.6	118.0
184	38.8	24.6	36.8

