

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL091621\
 Data File : VL037610.D
 Acq On : 16 Sep 2021 8:47
 Operator : SY/AP
 Sample : VSTDIC001
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 9/20/2021 5:26:23 PM

Quant Time: Sep 16 11:12:12 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL091621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Sep 16 2021
 QLast Update : Thu Sep 16 10:46:26 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1677289	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	4810758	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	4393910	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	3171844	10.16	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.18	85	274663	1.021	ppbv	94
3) Chlorodifluoromethane	2.98	51	325570	1.014	ppbv	98
4) Chloromethane	3.13	50	116107	1.012	ppbv	88
5) Vinyl Chloride	3.25	62	109659	0.933	ppbv #	78
6) Bromomethane	3.47	94	62136m	0.965	ppbv	
7) Chloroethane	3.55	64	41766m	1.041	ppbv	
8) Dichlorotetrafluoroethane	3.18	85	274663	0.989	ppbv	99
9) Propene	3.00	41	109487m	0.953	ppbv	
10) Heptane	8.11	43	257037m	0.972	ppbv	
11) Trichlorofluoromethane	3.94	101	249879	0.989	ppbv	97
12) 1,1,2-Trichlorotrifluoroet	4.47	101	184556	0.996	ppbv	99
13) Ethanol	3.61	45	11004m	0.984	ppbv	
14) Bromoethene	3.74	108	84562m	1.005	ppbv	
15) Acetone	3.85	43	198482m	1.163	ppbv	
16) 1,3-Butadiene	3.32	39	101715	0.929	ppbv	92
17) tert-Butyl alcohol	4.29	59	148702m	0.954	ppbv	
18) 1,1-Dichloroethene	4.29	96	84395m	1.002	ppbv	
19) Isopropyl Alcohol	3.97	45	104445m	1.068	ppbv	
20) Methylene Chloride	4.33	84	92961m	1.088	ppbv	
21) Allyl Chloride	4.40	41	124303m	0.897	ppbv	
22) trans-1,2-Dichloroethene	4.87	96	85211m	1.014	ppbv	
23) Vinyl Acetate	5.07	43	203920	0.810	ppbv #	93
24) 1,1-Dichloroethane	5.00	63	176686m	0.968	ppbv	
25) Ethyl Acetate	5.67	43	415128	0.958	ppbv #	97
26) Hexane	5.68	57	197824	0.934	ppbv	91
27) Carbon Disulfide	4.54	76	174502m	0.924	ppbv	
28) Methyl tert-Butyl Ether	5.03	73	168393m	0.828	ppbv	
29) Chloroform	5.74	83	302891m	1.009	ppbv	
30) Cyclohexane	7.12	84	168512m	0.955	ppbv	
31) cis-1,2-Dichloroethene	5.54	61	171013	0.892	ppbv	91
32) 1,1,1-Trichloroethane	6.50	97	265850	0.901	ppbv	97
34) 2-Butanone	5.24	43	207175m	1.055	ppbv	
35) Carbon Tetrachloride	7.01	117	267958	0.942	ppbv	96
36) Benzene	6.88	78	401127	0.992	ppbv	96
37) 1,2-Dichloroethane	6.29	62	194540	0.971	ppbv	100
38) Trichloroethene	7.82	130	164780m	0.993	ppbv	
39) 1,2-Dichloropropane	7.59	63	157382m	1.013	ppbv	
40) 1,4-Dioxane	7.85	88	40783m	1.071	ppbv	
41) Tetrahydrofuran	6.06	42	82205m	0.869	ppbv	
42) Bromodichloromethane	7.77	83	267608	0.914	ppbv #	95
43) Methyl Methacrylate	8.01	69	121586m	0.863	ppbv	

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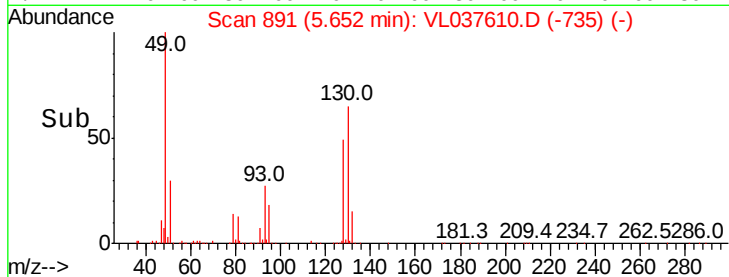
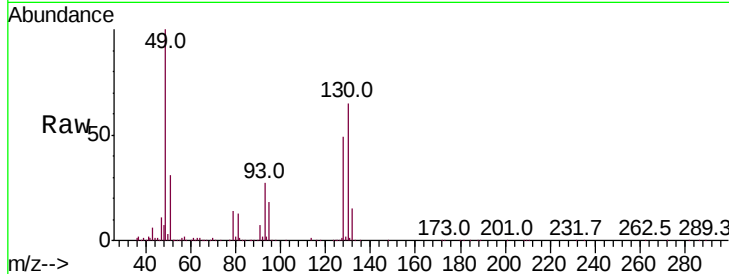
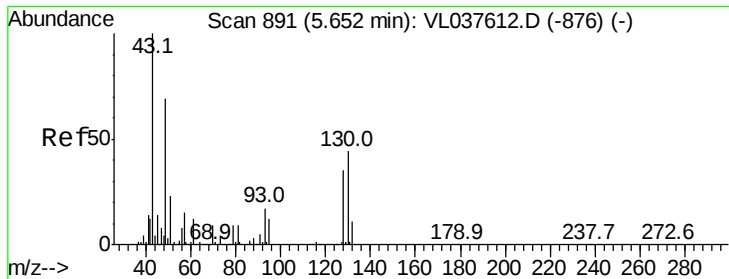
Manual Integrations
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Quant Time: Sep 16 11:12:12 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL091621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Sep 16 2021
 QLast Update : Thu Sep 16 10:46:26 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.85	57	690676	1.015	ppbv	98
45) t-1,3-Dichloropropene	9.26	75	86920m	0.819	ppbv	
46) cis-1,3-Dichloropropene	8.69	75	121353m	0.820	ppbv	
47) 1,1,2-Trichloroethane	9.46	97	174361m	1.038	ppbv	
48) Dibromochloromethane	10.29	129	216660	0.897	ppbv	95
49) Bromoform	13.02	173	169132	0.888	ppbv	98
50) 4-Methyl-2-Pentanone	8.74	43	233877	0.913	ppbv	98
51) 2-Hexanone	10.14	43	96914m	0.822	ppbv	
52) Tetrachloroethene	11.21	164	152919m	0.923	ppbv	
53) Toluene	9.79	91	432348	0.936	ppbv	98
54) 1,2-Dibromoethane	10.59	107	230885m	0.985	ppbv	
56) 1,1,1,2-Tetrachloroethane	12.10	131	188274m	1.028	ppbv	
57) Chlorobenzene	12.12	112	379859	1.042	ppbv #	89
58) Ethyl Benzene	12.70	91	580252m	0.952	ppbv	
59) m/p-Xylene	12.98	91	1037359m	1.962	ppbv	
60) o-Xylene	13.67	91	495724	1.005	ppbv	98
61) Styrene	13.51	104	206887	0.807	ppbv	96
62) Isopropylbenzene	14.64	105	701354	1.007	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.66	83	387551m	1.057	ppbv	
64) n-propylbenzene	15.55	120	177303m	1.001	ppbv	
65) tert-Butylbenzene	16.72	119	654855	1.033	ppbv	99
66) Benzyl Chloride	16.97	91	28145m	0.981	ppbv	
67) sec-Butylbenzene	17.27	105	871717	0.984	ppbv	97
69) p-Isopropyltoluene	17.63	119	695050	0.963	ppbv	98
70) n-Butylbenzene	18.53	91	636348	0.922	ppbv	99
71) 2-Chlorotoluene	15.43	91	480107	0.940	ppbv	100
72) 4-Ethyltoluene	15.82	105	546471	0.931	ppbv	98
73) 1,3,5-Trimethylbenzene	15.97	105	522197m	0.956	ppbv	
74) 1,2,4-Trimethylbenzene	16.74	105	561461	0.967	ppbv	93
75) 1,3-Dichlorobenzene	16.97	146	334342	0.957	ppbv	95
76) 1,4-Dichlorobenzene	17.11	146	338630m	0.962	ppbv	
77) 1,2-Dichlorobenzene	17.79	146	315738	0.918	ppbv	97
78) Hexachloro-1,3-Butadiene	23.35	225	298726m	1.044	ppbv	
79) Naphthalene	22.18	128	307436m	0.791	ppbv	
80) Naphthalene, 2-methyl-	24.95	142	68758	0.635	ppbv	88
81) 1,2,4-Trichlorobenzene	21.90	180	215095m	0.882	ppbv	

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 891

Delta R.T. 0.00 min

Lab File: VL037610.D

Acq: 16 Sep 2021 8:47

Tot Ion: 49 Resp: 1677289

Ion Ratio Lower Upper

49 100

128 54.4 27.9 83.6

130 67.4 33.9 101.7

Instrument :

MSVOA_L

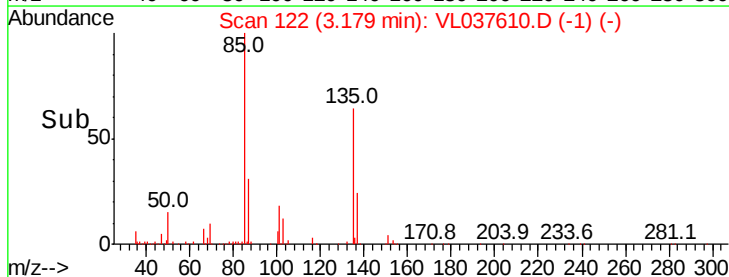
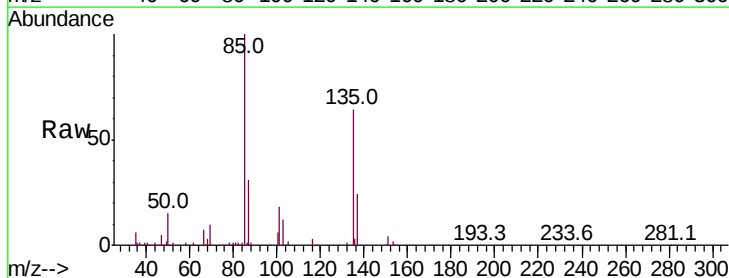
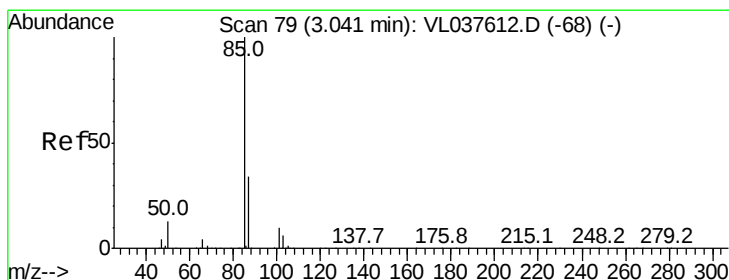
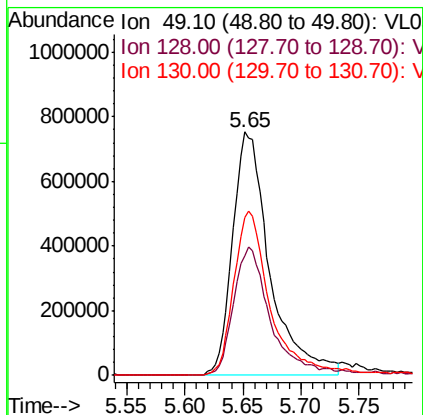
ClientSampleId :

VSTDIC001

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#2

Dichlorodifluoromethane

Concen: 1.021 ppbv

RT: 3.18 min Scan# 122

Delta R.T. 0.14 min

Lab File: VL037610.D

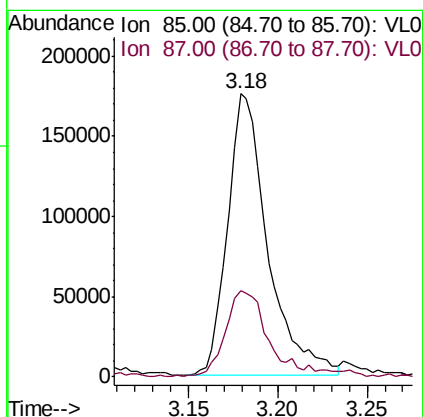
Acq: 16 Sep 2021 8:47

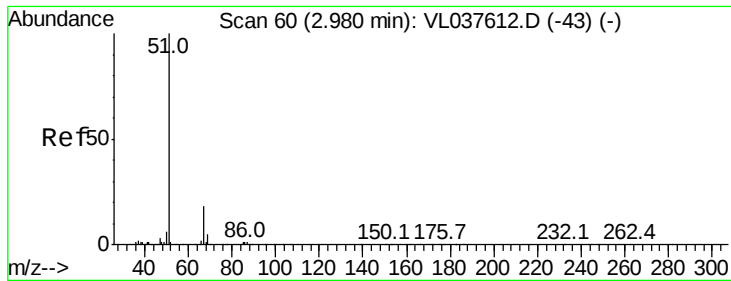
Tgt Ion: 85 Resp: 274663

Ion Ratio Lower Upper

85 100

87 30.2 26.8 40.2





#3

Chlorodifluoromethane

Concen: 1.014 ppbv

RT: 2.98 min Scan# 60

Delta R.T. 0.00 min

Lab File: VL037610.D

Acq: 16 Sep 2021 8:47

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tot Ion: 51 Resp: 325570

Ion Ratio Lower Upper

51 100

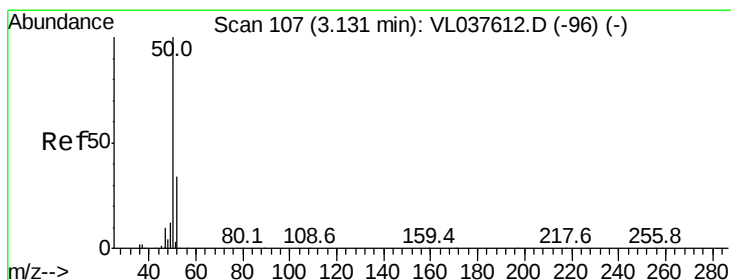
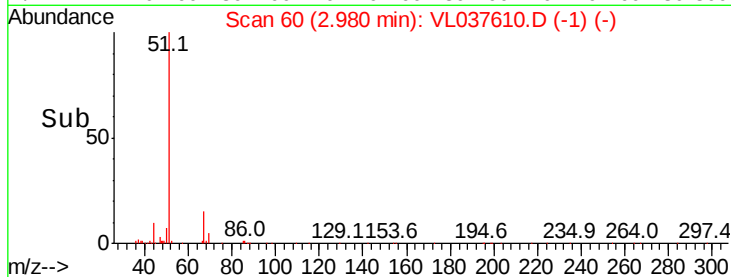
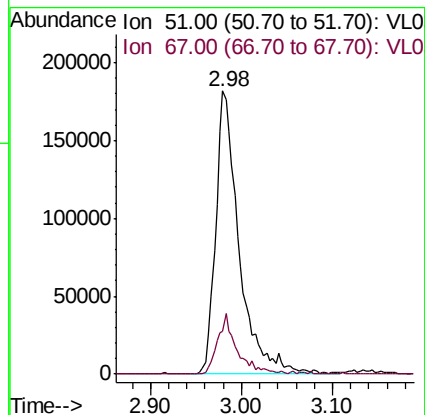
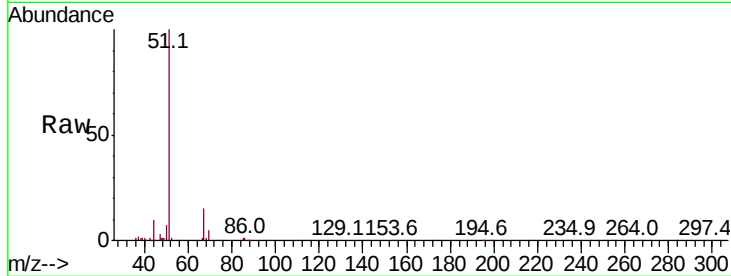
67 18.3 14.0 21.0

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#4

Chloromethane

Concen: 1.012 ppbv

RT: 3.13 min Scan# 108

Delta R.T. 0.00 min

Lab File: VL037610.D

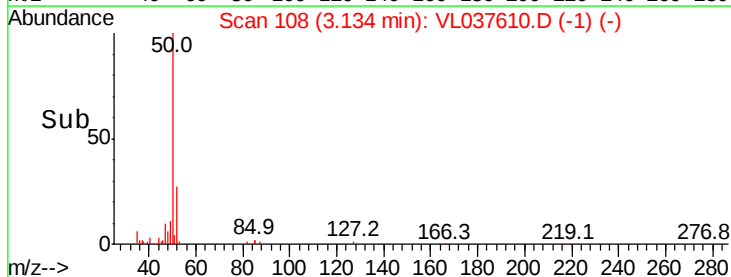
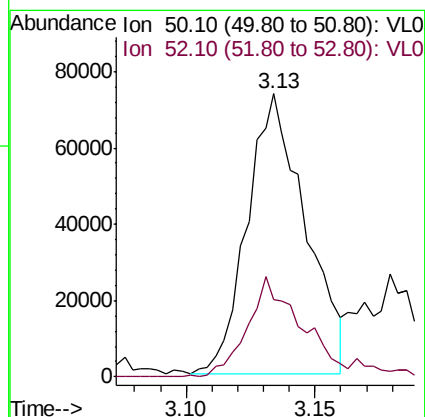
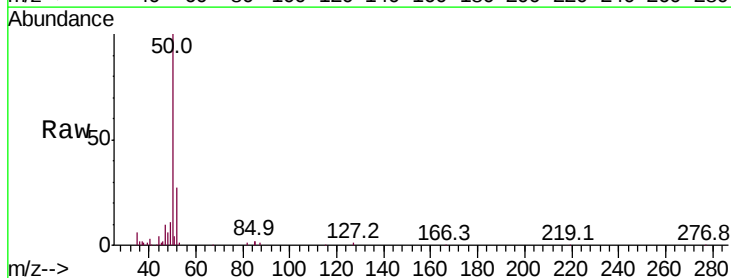
Acq: 16 Sep 2021 8:47

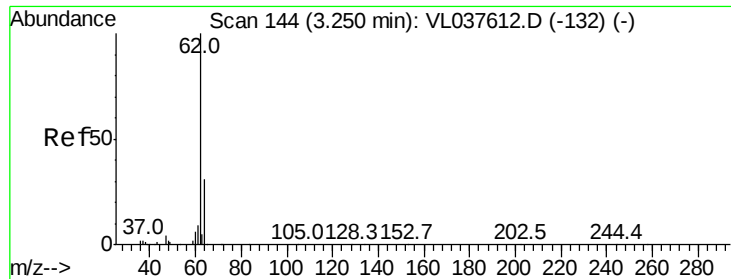
Tgt Ion: 50 Resp: 116107

Ion Ratio Lower Upper

50 100

52 27.3 27.1 40.7





#5

Vinyl Chloride

Concen: 0.933 ppbv

RT: 3.25 min Scan# 145

Delta R.T. 0.00 min

Lab File: VL037610.D

Acq: 16 Sep 2021 8:47

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tot Ion: 62 Resp: 109659

Ion Ratio Lower Upper

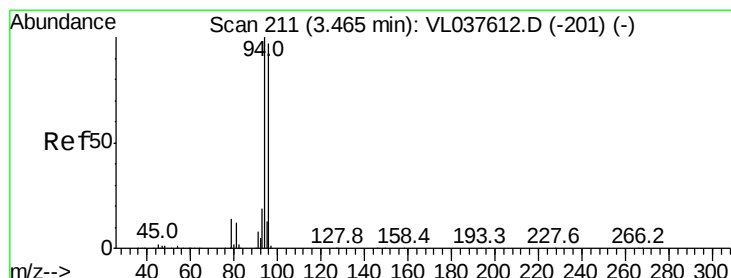
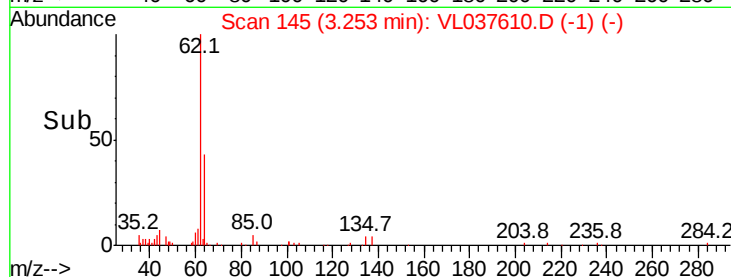
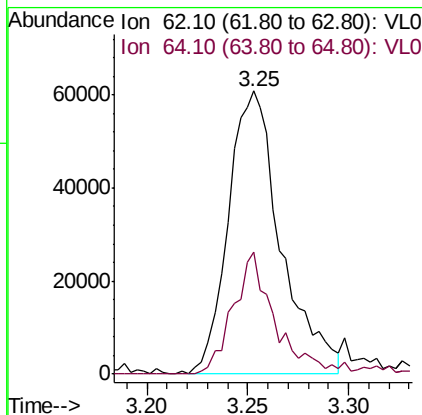
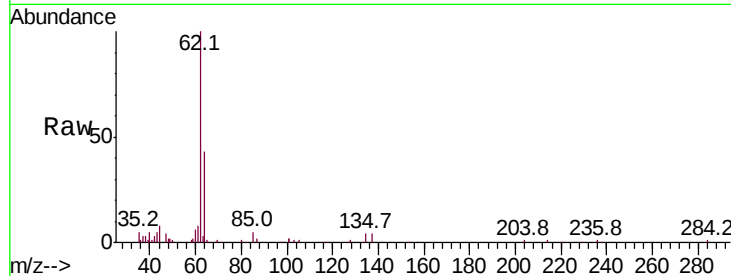
62 100

64 43.5 24.9 37.3#

Manual Integrations
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#6

Bromomethane

Concen: 0.965 ppbv m

RT: 3.47 min Scan# 213

Delta R.T. 0.01 min

Lab File: VL037610.D

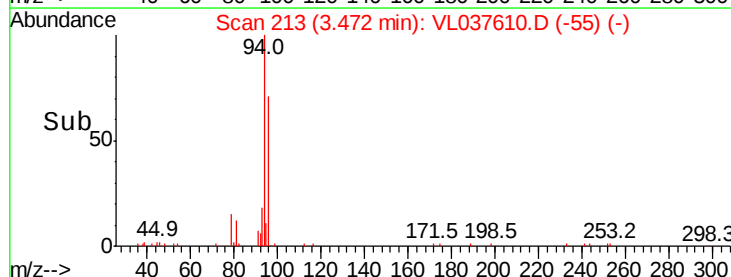
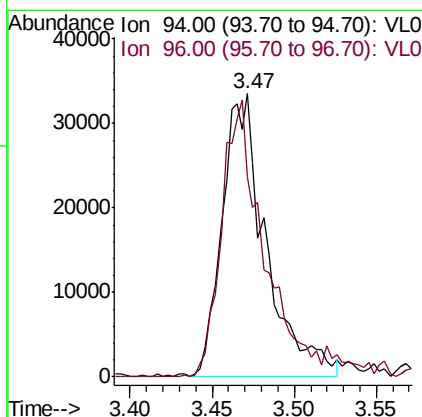
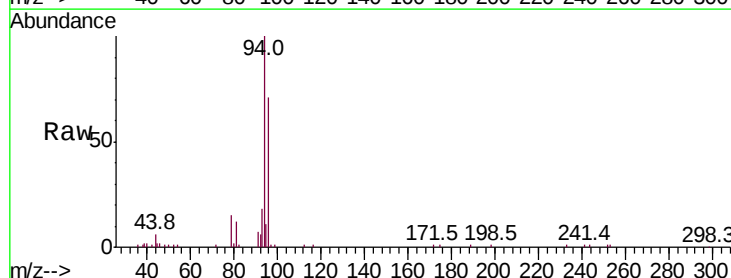
Acq: 16 Sep 2021 8:47

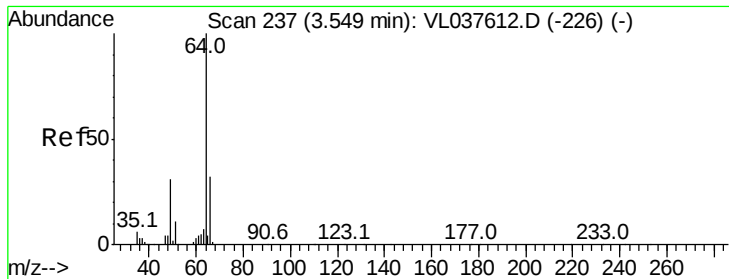
Tgt Ion: 94 Resp: 62136

Ion Ratio Lower Upper

94 100

96 70.8 77.3 115.9#





#7

Chloroethane

Concen: 1.041 ppbv m

RT: 3.55 min Scan# 237

Delta R.T. 0.00 min

Lab File: VL037610.D

Acq: 16 Sep 2021 8:47

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tot Ion: 64 Resp: 41766

Ion Ratio Lower Upper

64 100

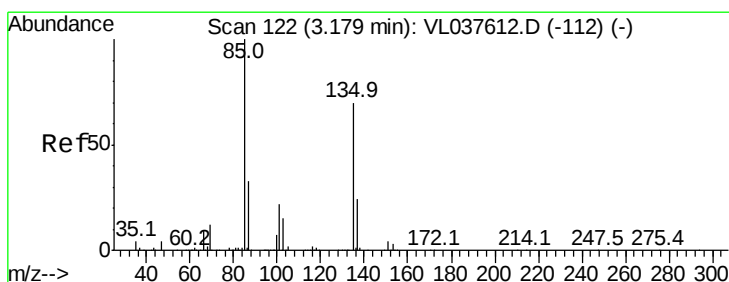
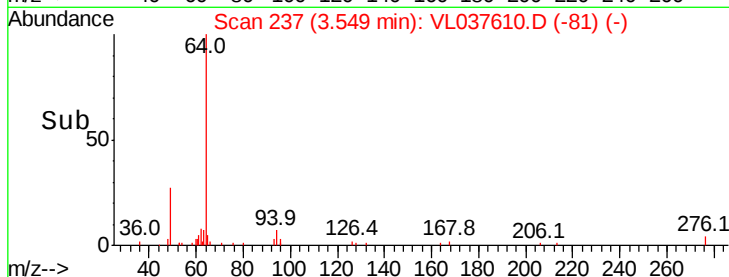
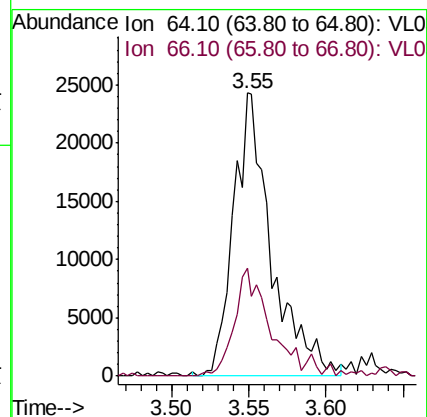
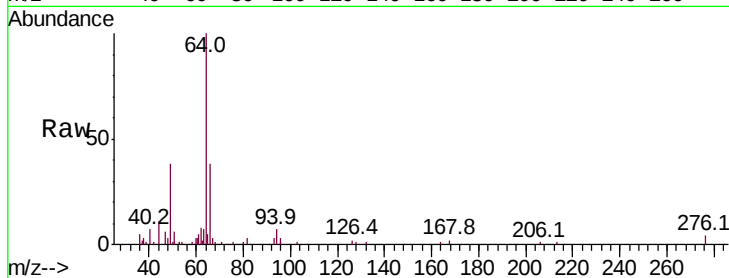
66 38.0 25.3 37.9#

Manual Integrations

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#8

Dichlorotetrafluoroethane

Concen: 0.989 ppbv

RT: 3.18 min Scan# 122

Delta R.T. 0.00 min

Lab File: VL037610.D

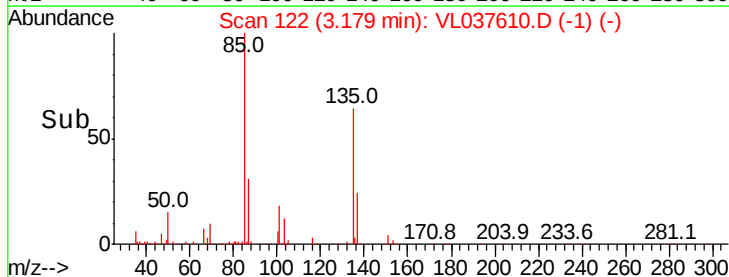
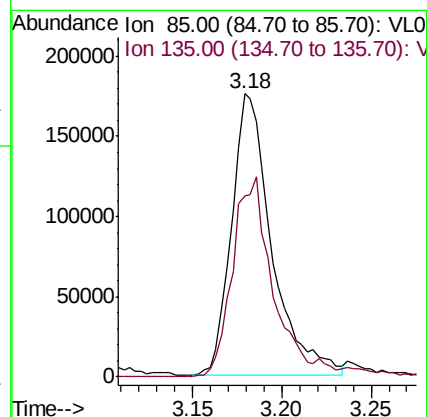
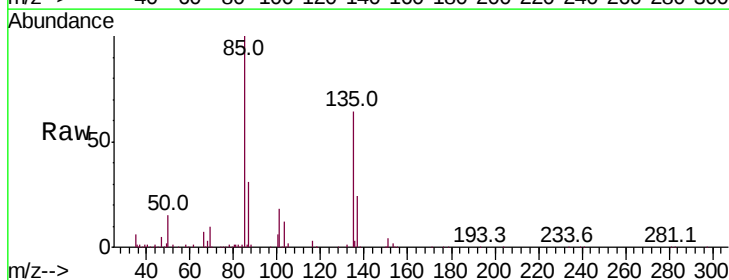
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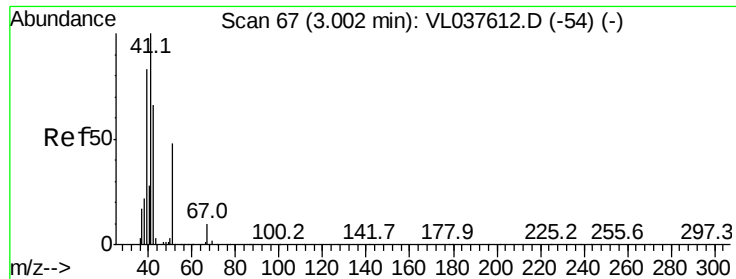
Tgt Ion: 85 Resp: 274663

Ion Ratio Lower Upper

85 100

135 75.2 59.3 88.9





#9

Propene

Concen: 0.953 ppbv m

RT: 3.00 min Scan# 67

Delta R.T. 0.00 min

Lab File: VL037610.D

Acq: 16 Sep 2021 8:47

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tot Ion: 41 Resp: 109487

Ion Ratio Lower Upper

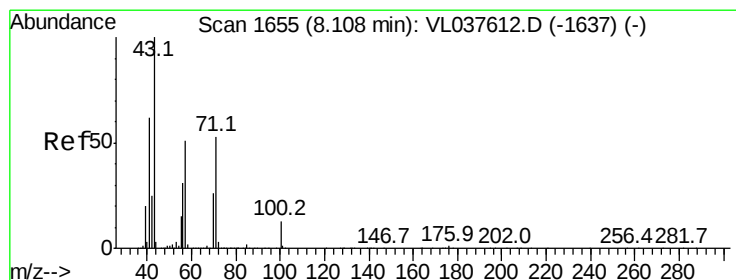
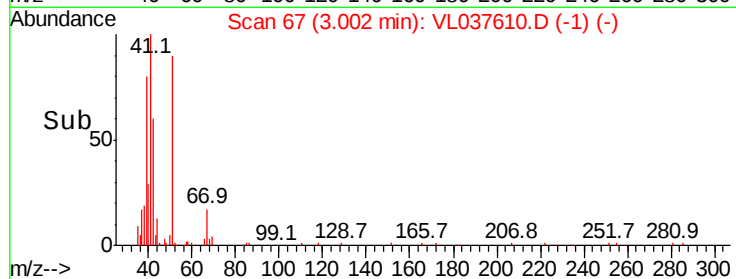
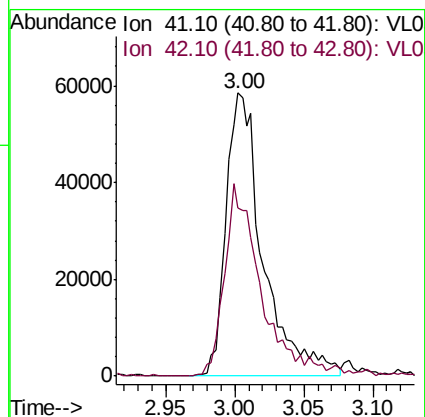
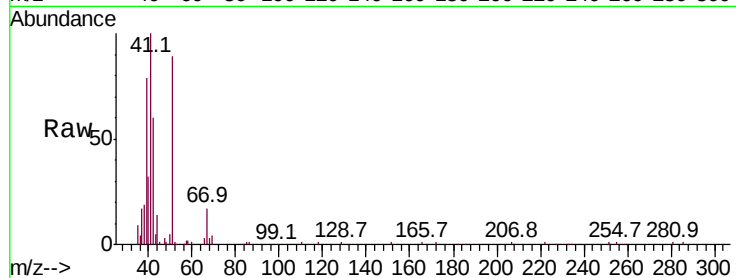
41 100

42 69.0 57.2 85.8

Manual Integrations
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#10

Heptane

Concen: 0.972 ppbv m

RT: 8.11 min Scan# 1656

Delta R.T. 0.00 min

Lab File: VL037610.D

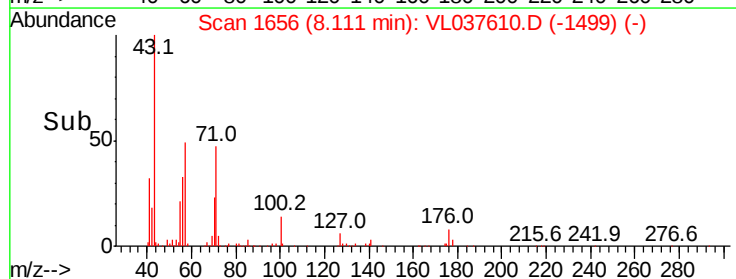
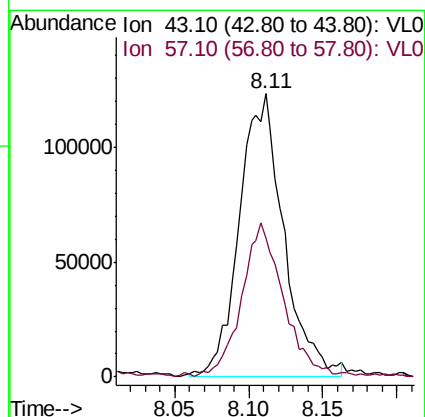
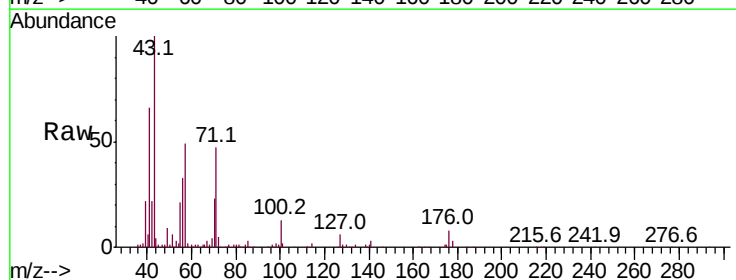
Acq: 16 Sep 2021 8:47

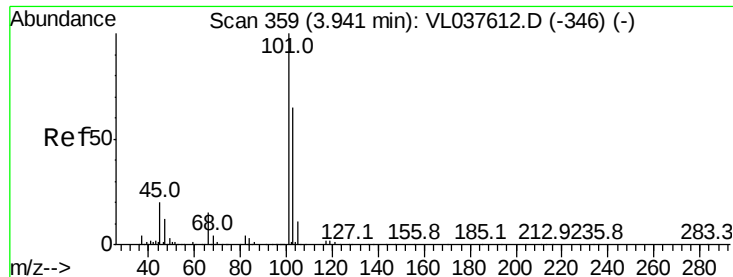
Tgt Ion: 43 Resp: 257037

Ion Ratio Lower Upper

43 100

57 52.6 40.1 60.1





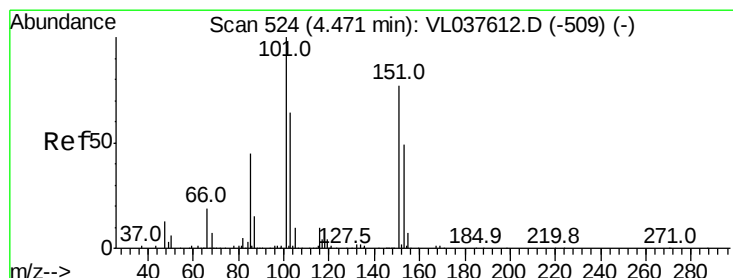
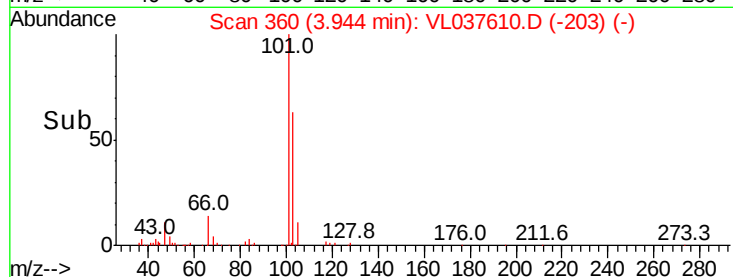
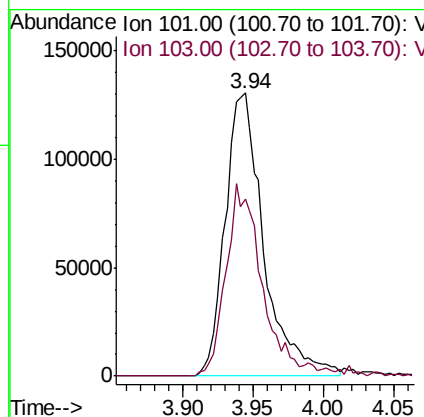
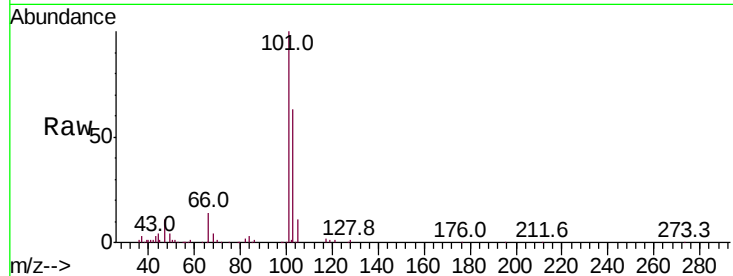
#11
 Trichlorofluoromethane
 Concen: 0.989 ppbv
 RT: 3.94 min Scan# 360
 Delta R.T. 0.00 min
 Lab File: VL037610.D
 Acq: 16 Sep 2021 8:47

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Resp	Lower	Upper
101	100	249879		
103	62.4	51.9	77.9	

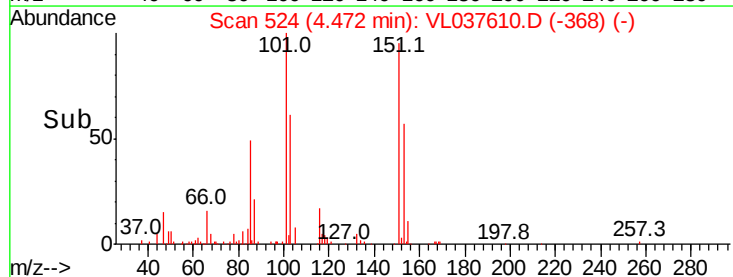
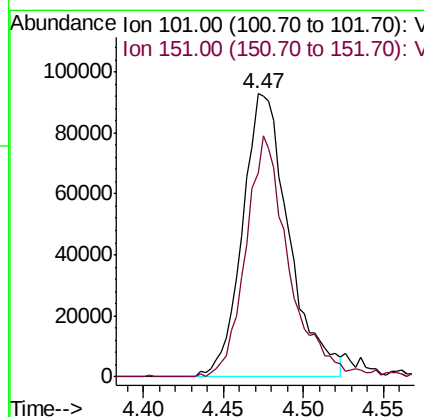
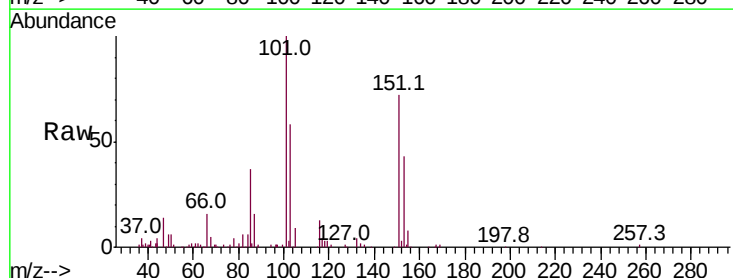
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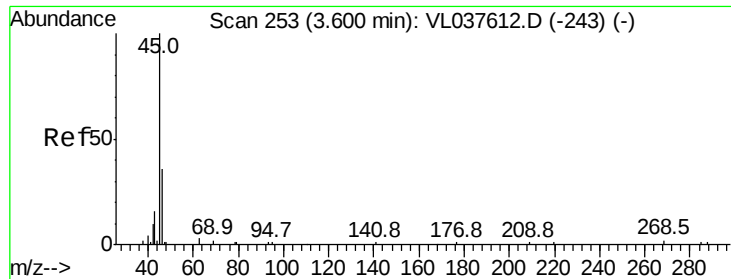
MMDadoda
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#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.996 ppbv
 RT: 4.47 min Scan# 524
 Delta R.T. 0.00 min
 Lab File: VL037610.D
 Acq: 16 Sep 2021 8:47

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	184556		
151	78.9	63.5	95.3	





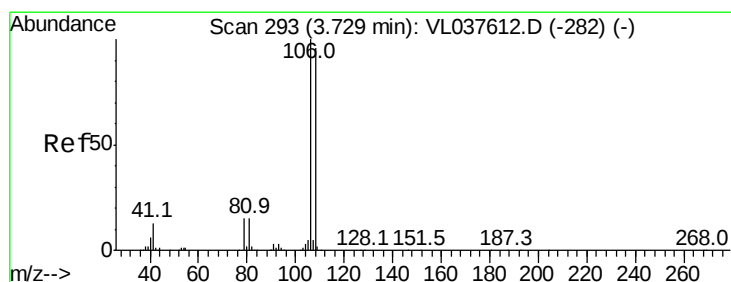
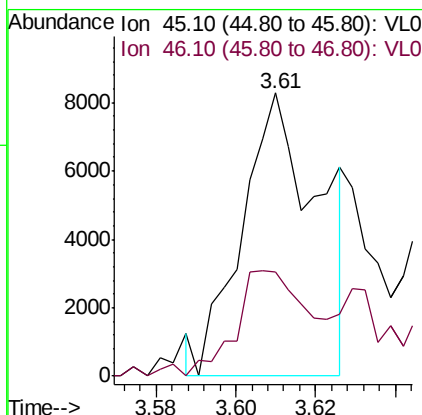
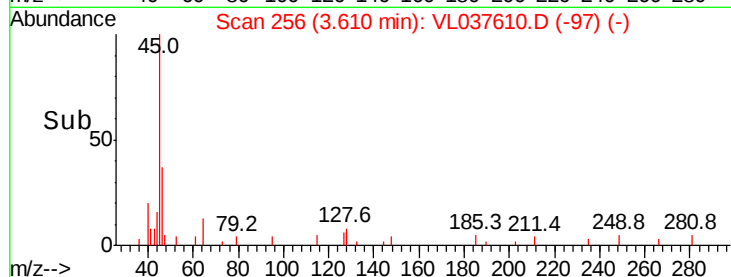
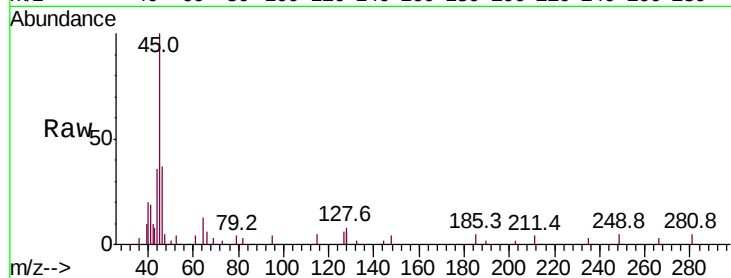
#13
Ethanol
Concen: 0.984 ppbv m
RT: 3.61 min Scan# 256
Delta R.T. 0.01 min
Lab File: VL037610.D
Acq: 16 Sep 2021 8:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tot Ion: 45 Resp: 11004
Ion Ratio Lower Upper
45 100
46 58.7 17.2 68.8

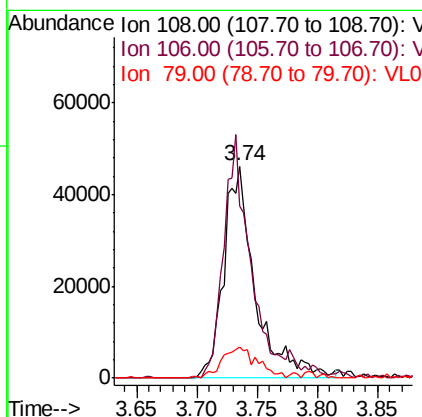
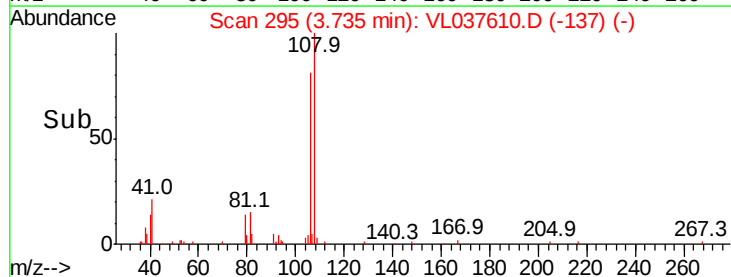
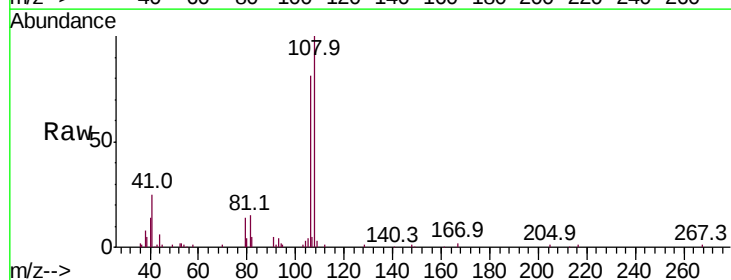
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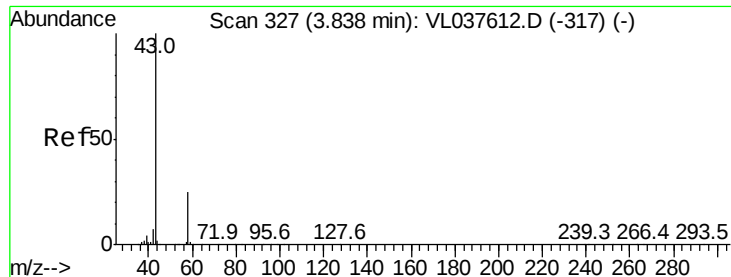
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#14
Bromoethene
Concen: 1.005 ppbv m
RT: 3.74 min Scan# 295
Delta R.T. 0.01 min
Lab File: VL037610.D
Acq: 16 Sep 2021 8:47

Tgt Ion: 108 Resp: 84562
Ion Ratio Lower Upper
108 100
106 104.0 88.2 132.4
79 17.2 12.8 19.2





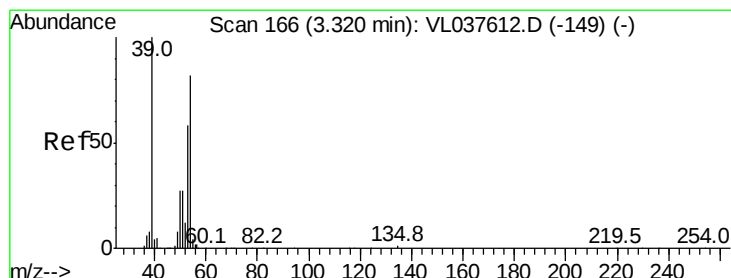
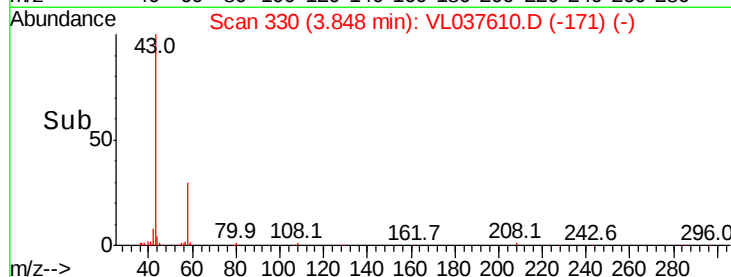
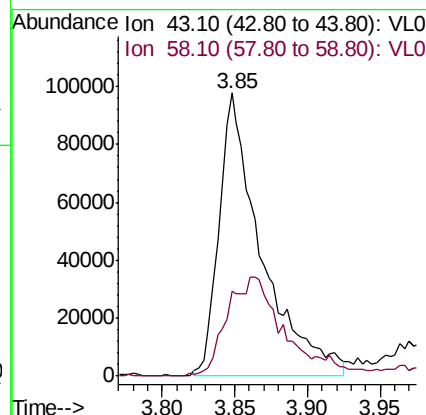
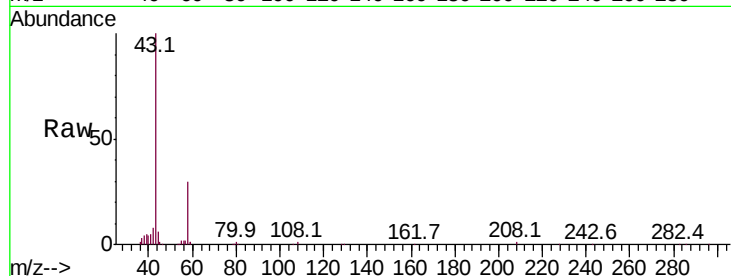
#15
Acetone
Concen: 1.163 ppbv m
RT: 3.85 min Scan# 330
Delta R.T. 0.01 min
Lab File: VL037610.D
Acq: 16 Sep 2021 8:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tot Ion: 43 Resp: 198482
Ion Ratio Lower Upper
43 100
58 48.3 24.9 37.3#

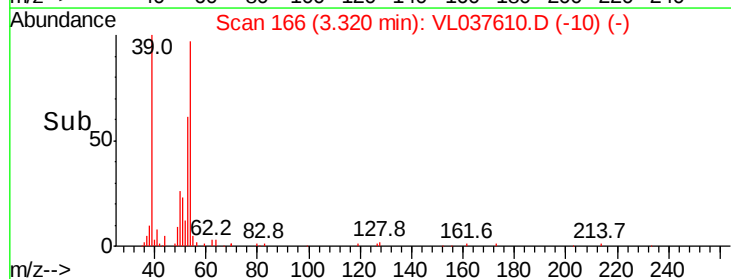
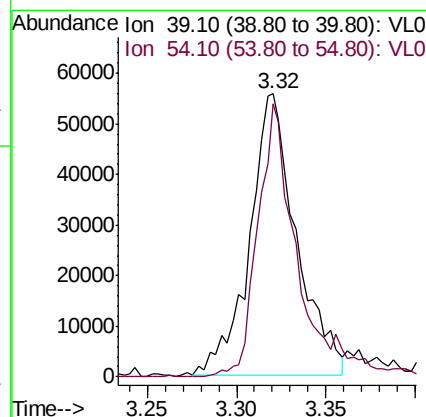
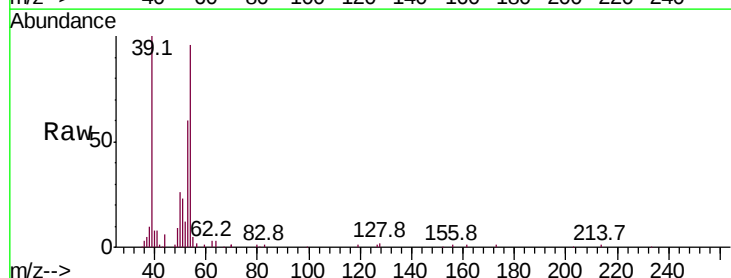
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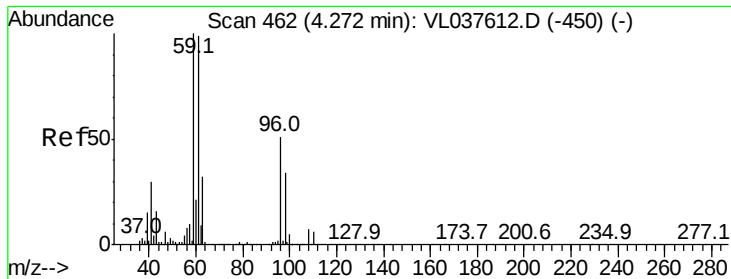
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#16
1,3-Butadiene
Concen: 0.929 ppbv
RT: 3.32 min Scan# 166
Delta R.T. 0.00 min
Lab File: VL037610.D
Acq: 16 Sep 2021 8:47

Tgt Ion: 39 Resp: 101715
Ion Ratio Lower Upper
39 100
54 84.9 62.6 93.8





#17

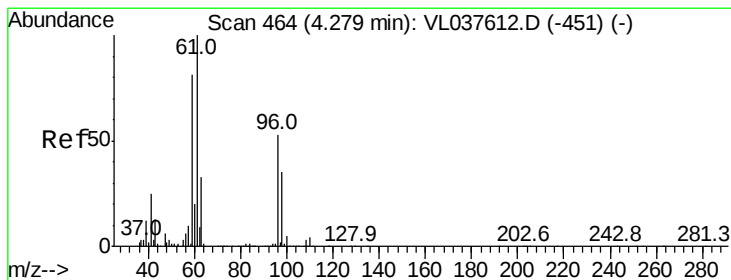
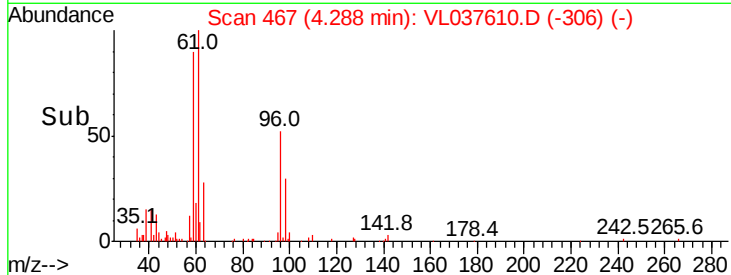
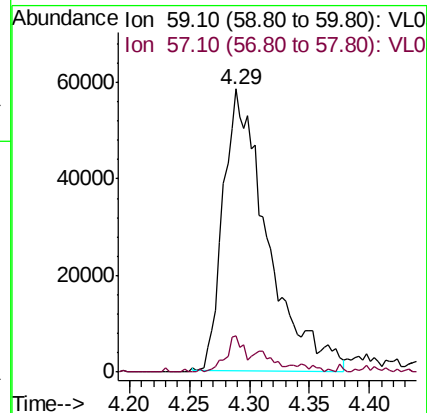
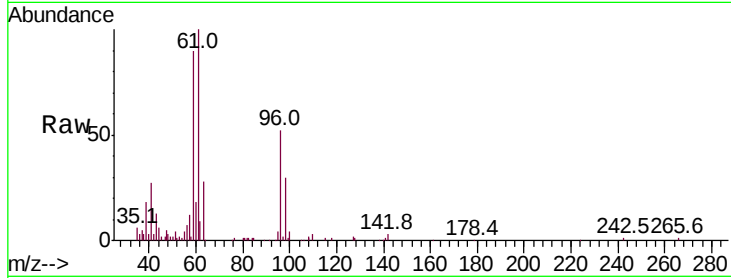
tert-Butyl alcohol
 Concen: 0.954 ppbv m
 RT: 4.29 min Scan# 467
 Delta R.T. 0.02 min
 Lab File: VL037610.D
 Acq: 16 Sep 2021 8:47

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

Tot Ion	59	Ratio	100	Resp:	148702
Ion	59	100		Lower	Upper
	57	10.2		8.4	12.6

Manual Integrations
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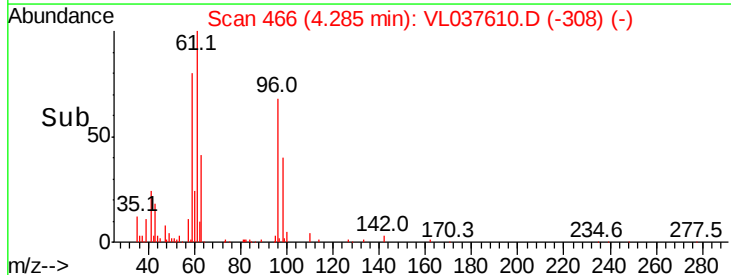
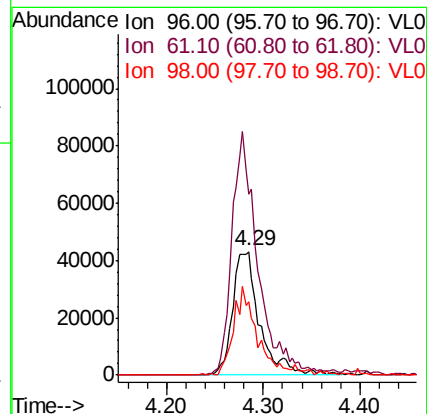
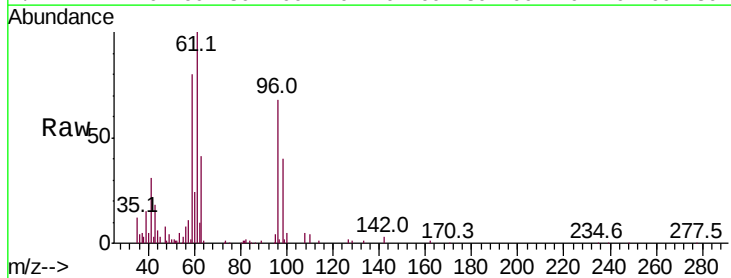
MMDadoda
 9/20/2021 5:26:23 PM

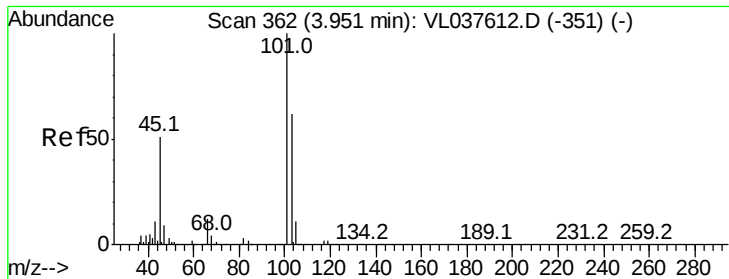


#18

1,1-Dichloroethene
 Concen: 1.002 ppbv m
 RT: 4.29 min Scan# 466
 Delta R.T. 0.01 min
 Lab File: VL037610.D
 Acq: 16 Sep 2021 8:47

Tgt Ion	96	Ratio	100	Resp:	84395
Ion	96	100		Lower	Upper
	61	146.6		150.4	225.6#
	98	59.0		52.1	78.1





#19

Isopropyl Alcohol

Concen: 1.068 ppbv m

RT: 3.97 min Scan# 368

Delta R.T. 0.02 min

Lab File: VL037610.D

Acq: 16 Sep 2021 8:47

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tot Ion: 45 Resp: 104445

Ion Ratio Lower Upper

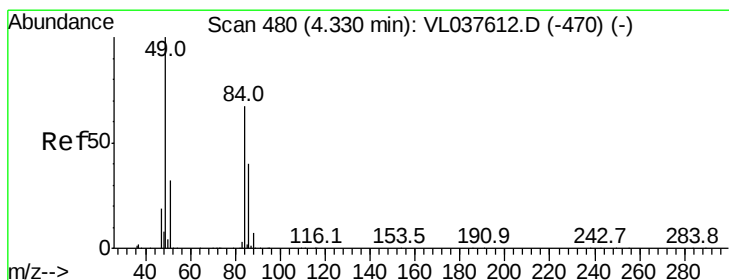
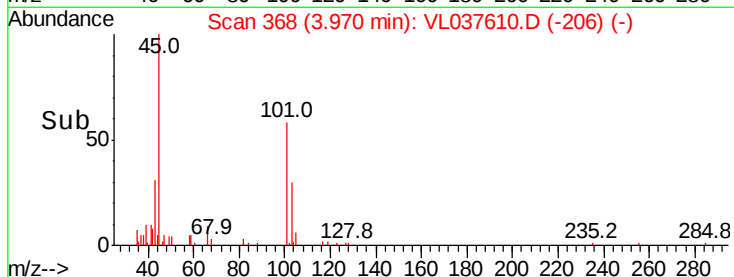
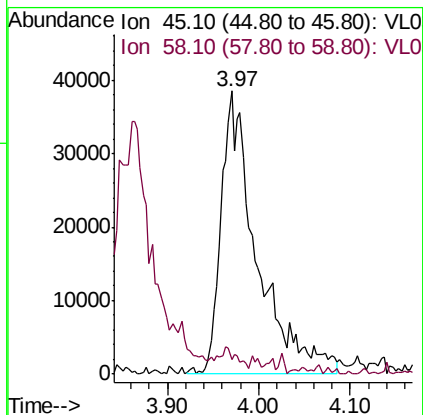
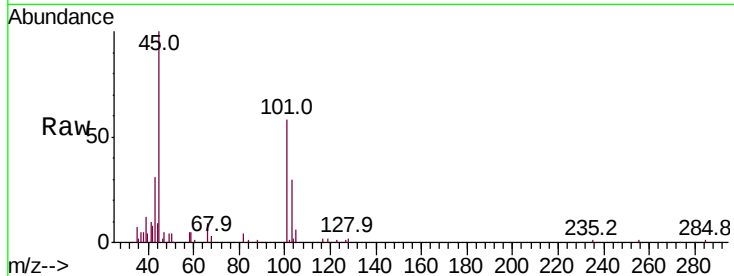
45 100

58 5.1 2.9 4.3#

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#20

Methylene Chloride

Concen: 1.088 ppbv m

RT: 4.33 min Scan# 481

Delta R.T. 0.00 min

Lab File: VL037610.D

Acq: 16 Sep 2021 8:47

Tgt Ion: 84 Resp: 92961

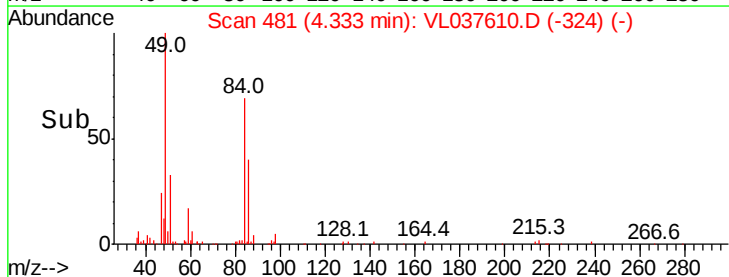
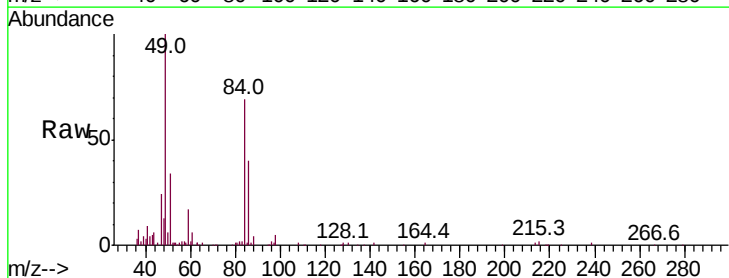
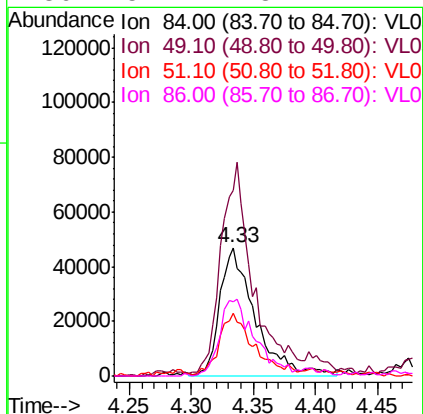
Ion Ratio Lower Upper

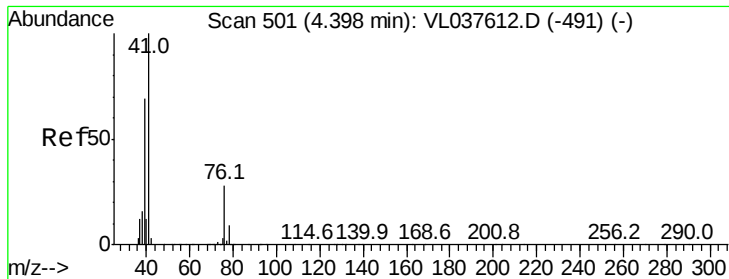
84 100

49 145.2 120.0 180.0

51 49.3 38.0 57.0

86 57.7 48.2 72.2





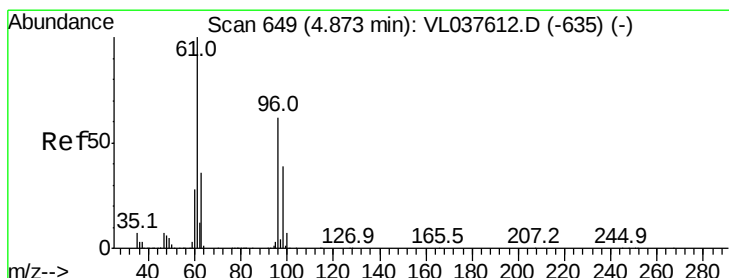
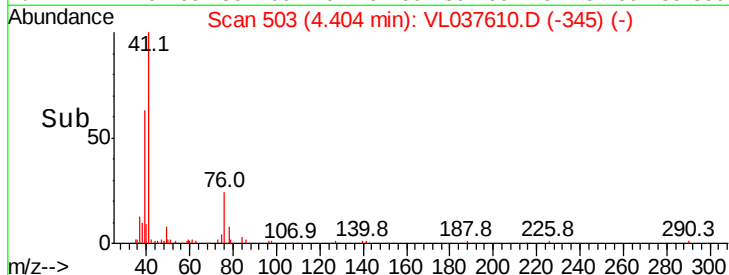
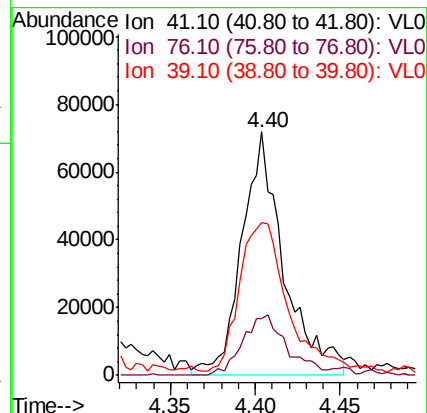
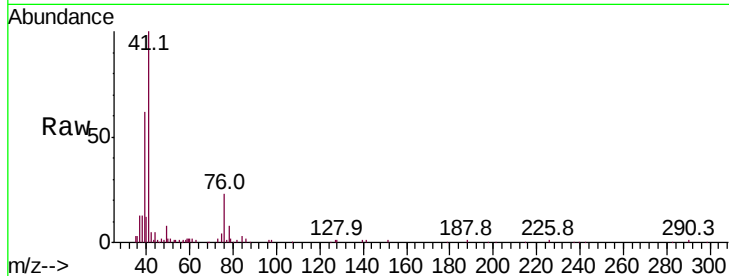
#21
Allvl Chloride
Concen: 0.897 ppbv m
RT: 4.40 min Scan# 503
Delta R.T. 0.01 min
Lab File: VL037610.D
Acq: 16 Sep 2021 8:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Resp	Lower	Upper
41	100	124303		
76	28.4	23.1	34.7	
39	76.2	61.0	91.6	

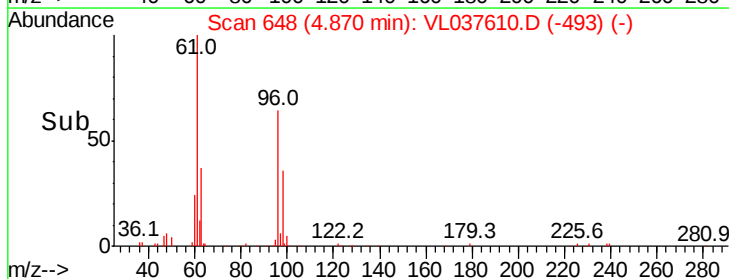
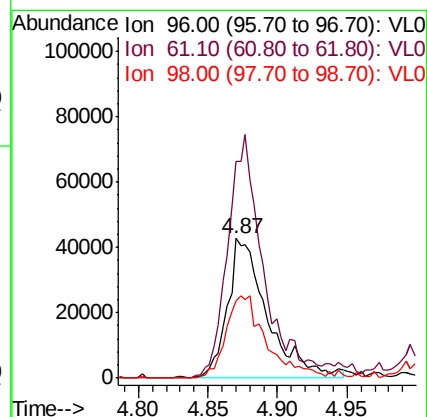
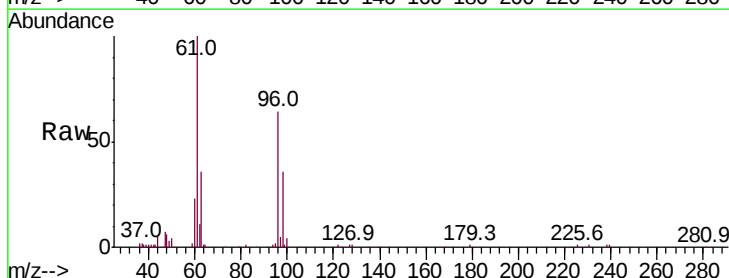
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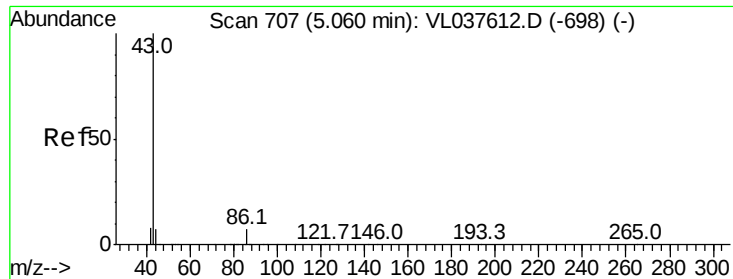
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#22
trans-1,2-Dichloroethene
Concen: 1.014 ppbv m
RT: 4.87 min Scan# 648
Delta R.T. -0.00 min
Lab File: VL037610.D
Acq: 16 Sep 2021 8:47

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	85211		
61	155.3	129.2	193.8	
98	55.2	50.4	75.6	





#23

Vinyl Acetate

Concen: 0.810 ppbv

RT: 5.07 min Scan# 709

Delta R.T. 0.01 min

Lab File: VL037610.D

Acq: 16 Sep 2021 8:47

Instrument :

MSVOA_L

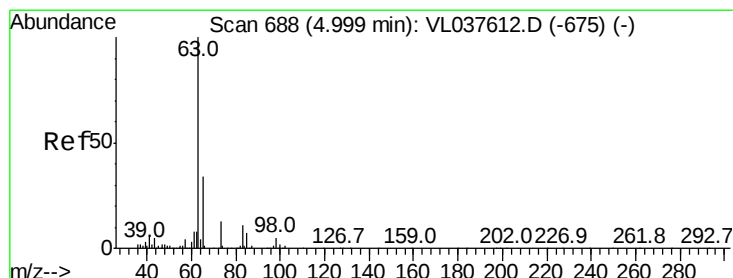
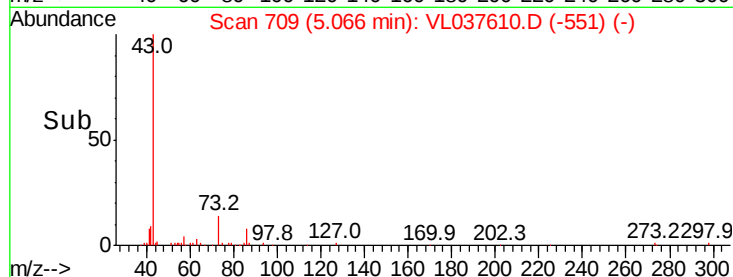
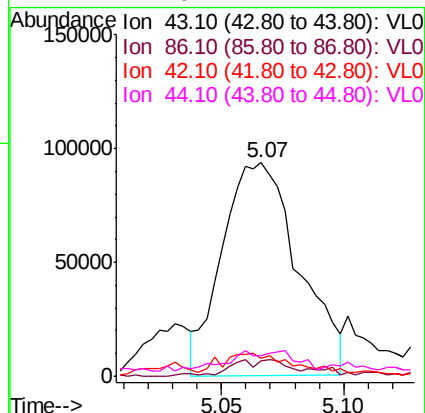
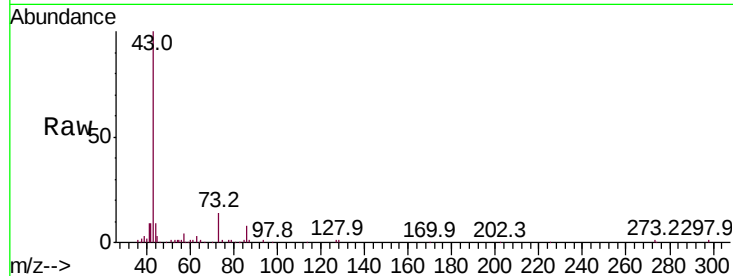
ClientSampleId :

VSTDIC001

Tot Ion	Ratio	Resp	Lower	Upper
43	100			
86	9.4	5.0	7.6#	
42	6.7	7.5	11.3#	
44	7.0	4.7	7.1	

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#24

1,1-Dichloroethane

Concen: 0.968 ppbv m

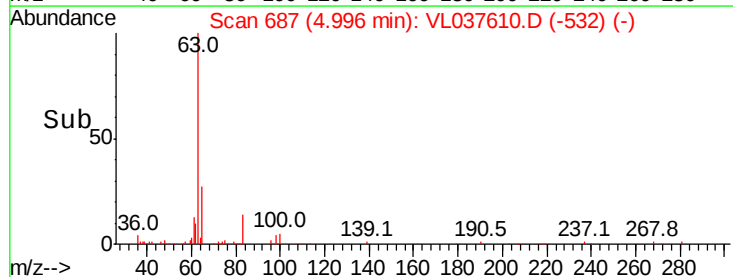
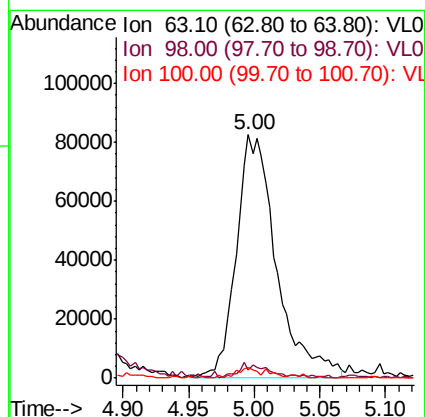
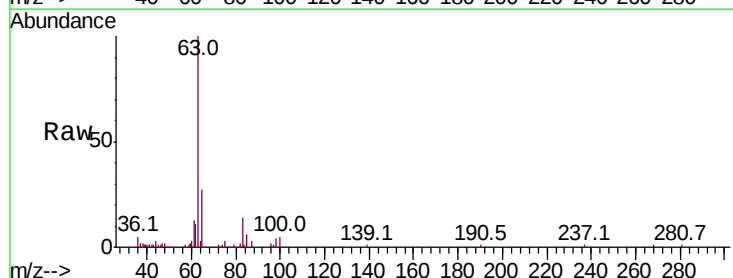
RT: 5.00 min Scan# 687

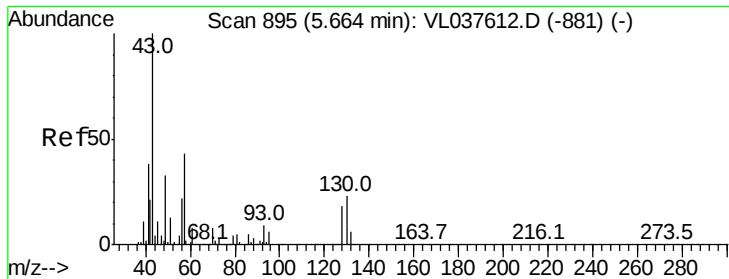
Delta R.T. -0.00 min

Lab File: VL037610.D

Acq: 16 Sep 2021 8:47

Tgt Ion	Ratio	Resp	Lower	Upper
63	100			
98	3.6	2.4	7.2	
100	4.5	1.1	3.5#	





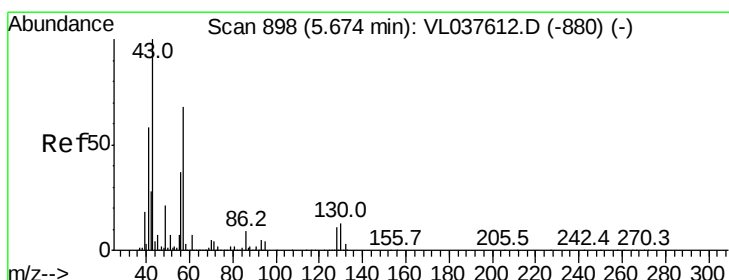
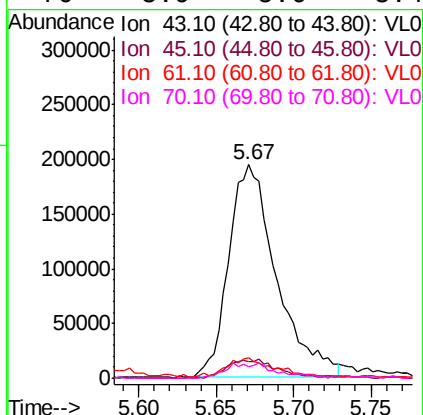
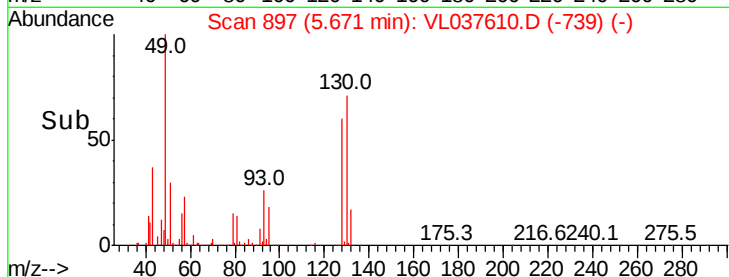
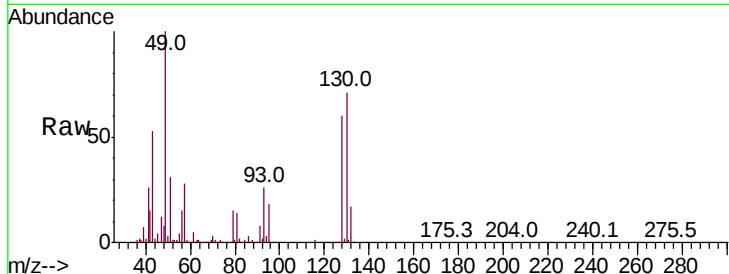
#25
Ethyl Acetate
Concen: 0.958 ppbv
RT: 5.67 min Scan# 897
Delta R.T. 0.01 min
Lab File: VL037610.D
Acq: 16 Sep 2021 8:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Resp	Lower	Upper
43	100			
45	9.8	8.0	12.0	
61	10.6	7.5	11.3	
70	8.9	5.6	8.4	

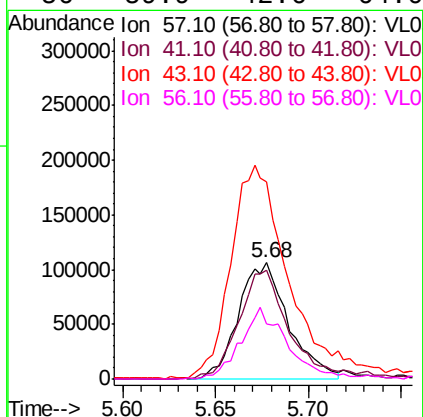
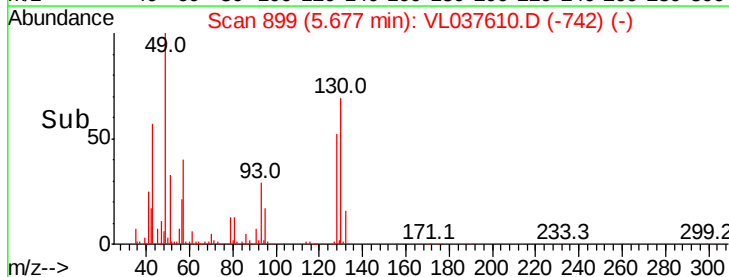
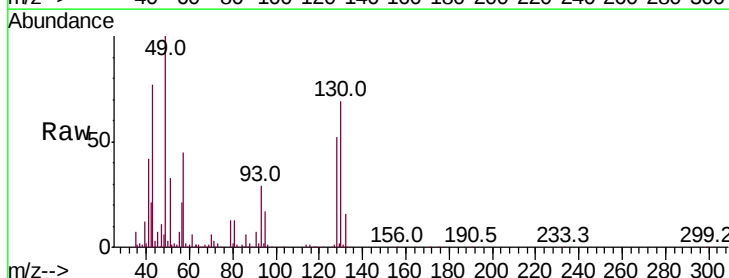
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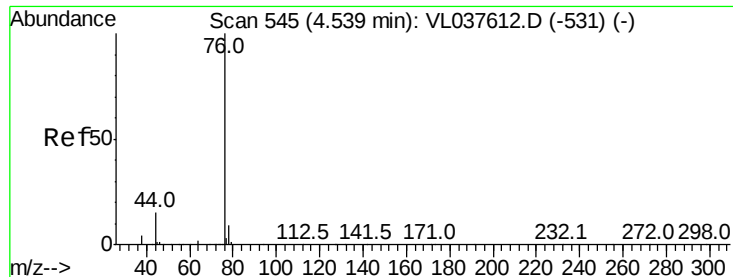
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#26
Hexane
Concen: 0.934 ppbv
RT: 5.68 min Scan# 899
Delta R.T. 0.00 min
Lab File: VL037610.D
Acq: 16 Sep 2021 8:47

Tgt Ion	Ratio	Resp	Lower	Upper
57	100			
41	99.9	70.9	106.3	
43	226.3	170.4	255.6	
56	59.9	42.6	64.0	





#27

Carbon Disulfide

Concen: 0.924 ppbv m

RT: 4.54 min Scan# 544

Delta R.T. -0.00 min

Lab File: VL037610.D

Acq: 16 Sep 2021 8:47

Instrument :

MSVOA_L

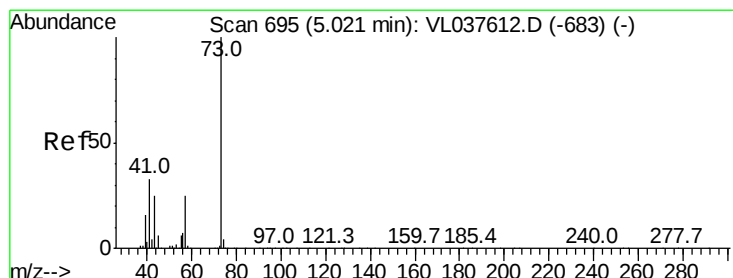
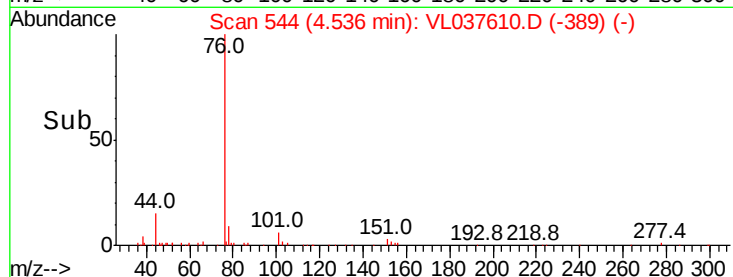
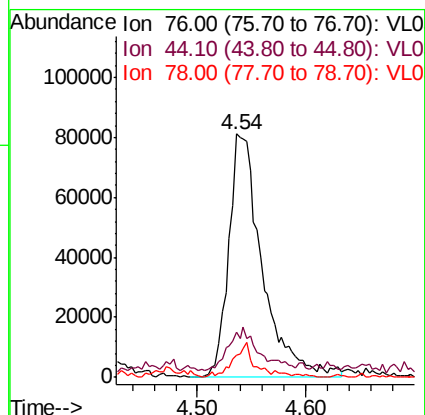
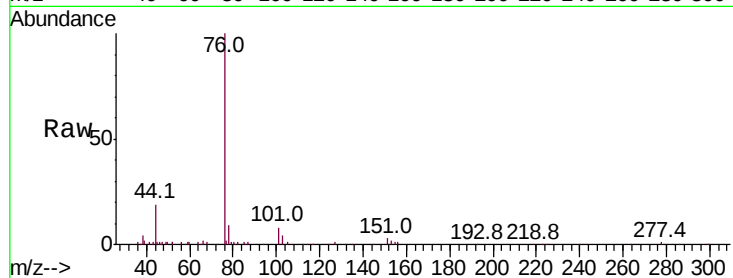
ClientSampleId :

VSTDIC001

Tot Ion:	76	Resp:	174502
Ion Ratio	Lower	Upper	
76	100		
44	19.3	14.2	21.2
78	9.9	7.4	11.0

Manual Integrations
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#28

Methyl tert-Butyl Ether

Concen: 0.828 ppbv m

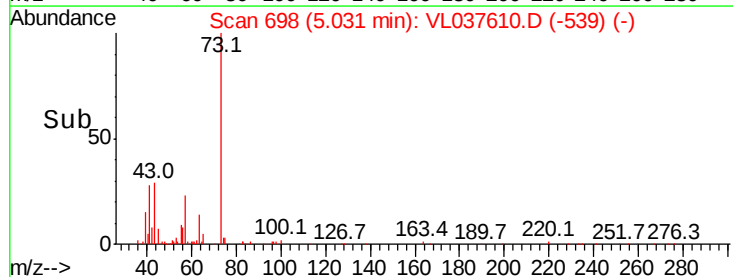
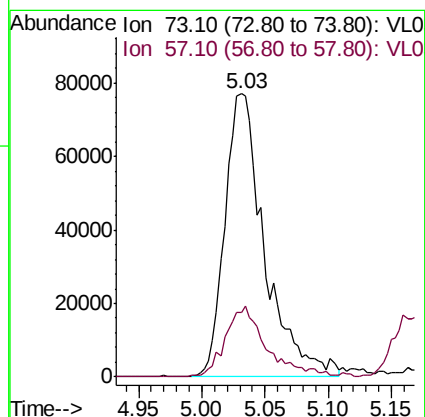
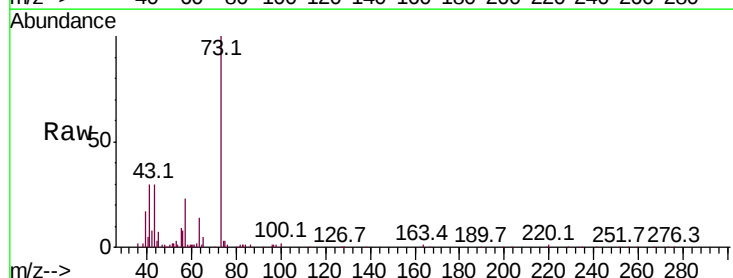
RT: 5.03 min Scan# 698

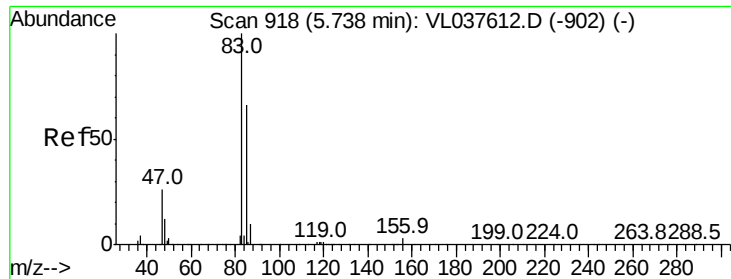
Delta R.T. 0.01 min

Lab File: VL037610.D

Acq: 16 Sep 2021 8:47

Tgt Ion:	73	Resp:	168393
Ion Ratio	Lower	Upper	
73	100		
57	26.2	20.1	30.1





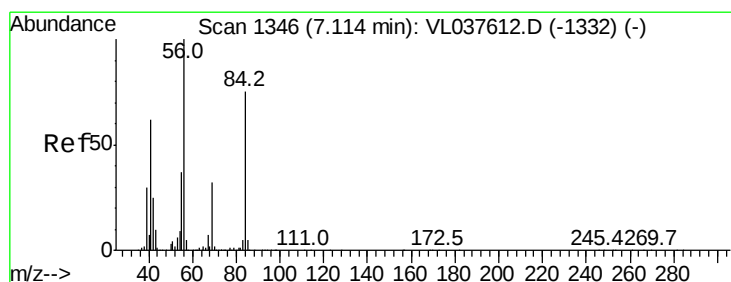
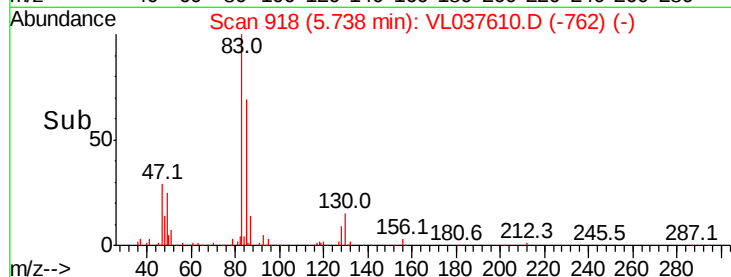
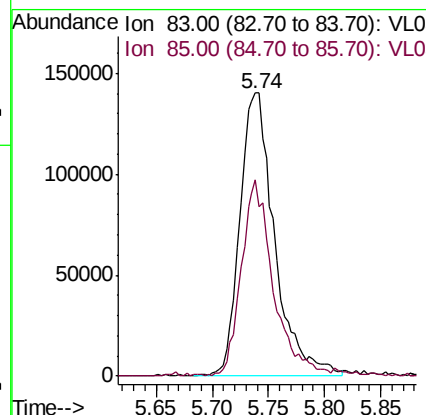
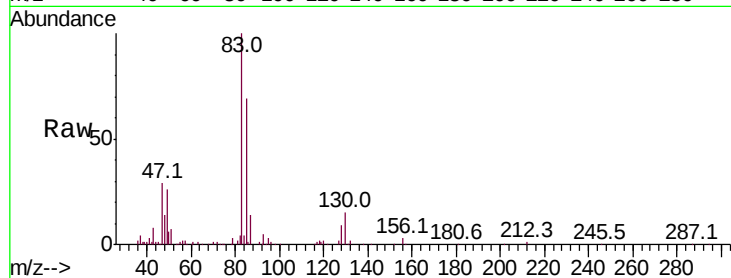
#29
Chloroform
Concen: 1.009 ppbv m
RT: 5.74 min Scan# 918
Delta R.T. 0.00 min
Lab File: VL037610.D
Acq: 16 Sep 2021 8:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tot Ion	83	Resp	302891
Ion Ratio	100	Lower	Upper
85	69.2	52.6	79.0

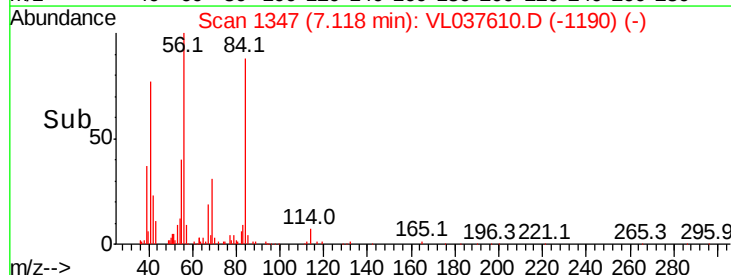
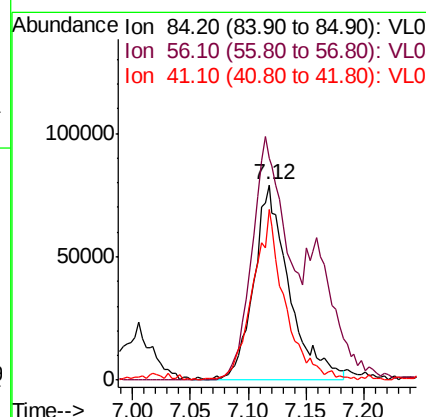
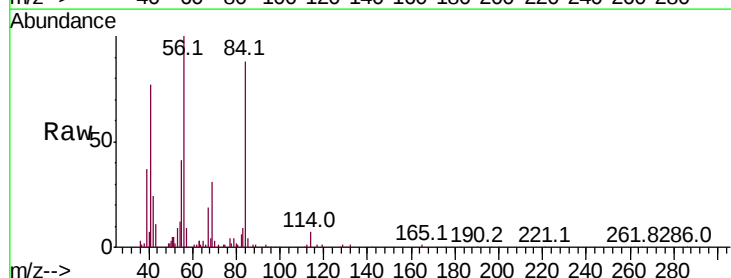
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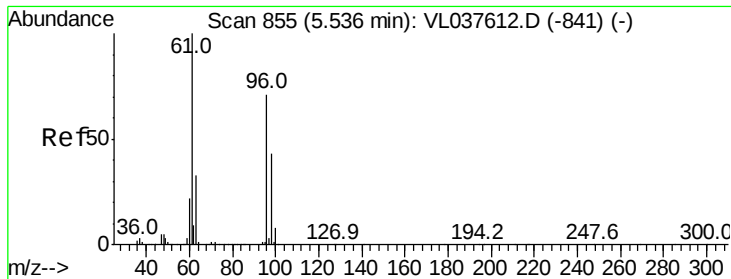
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#30
Cyclohexane
Concen: 0.955 ppbv m
RT: 7.12 min Scan# 1347
Delta R.T. 0.00 min
Lab File: VL037610.D
Acq: 16 Sep 2021 8:47

Tgt Ion	84	Resp	168512
Ion Ratio	100	Lower	Upper
56	183.8	113.6	170.4#
41	80.3	67.9	101.9





#31

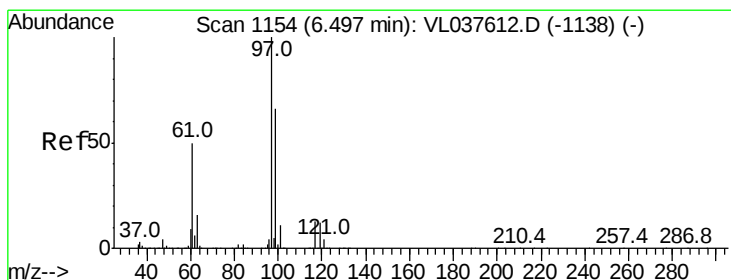
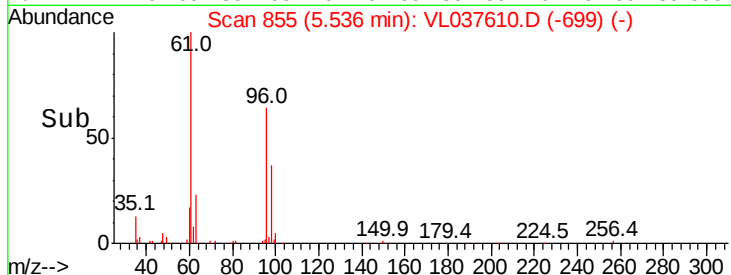
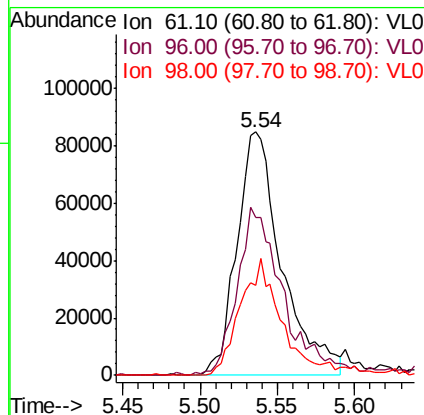
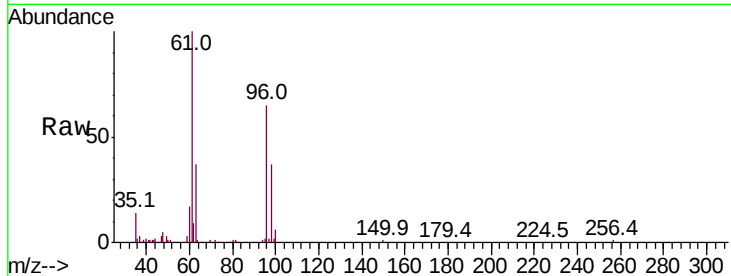
cis-1,2-Dichloroethene
Concen: 0.892 ppbv
RT: 5.54 min Scan# 855
Delta R.T. 0.00 min
Lab File: VL037610.D
Acq: 16 Sep 2021 8:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tot Ion	61	Resp	171013
Ion	Ratio	Lower	Upper
61	100		
96	64.5	56.7	85.1
98	36.9	34.6	52.0

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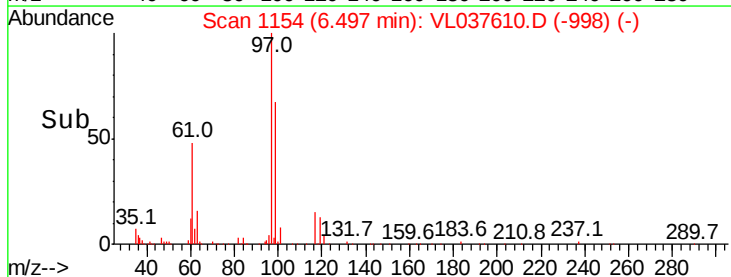
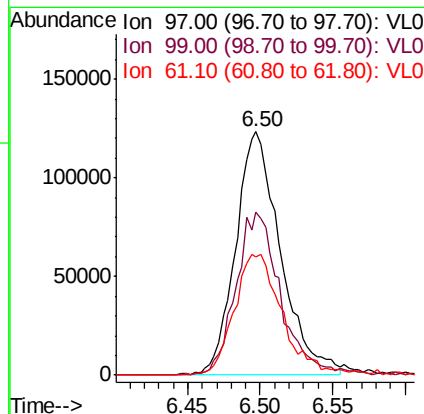
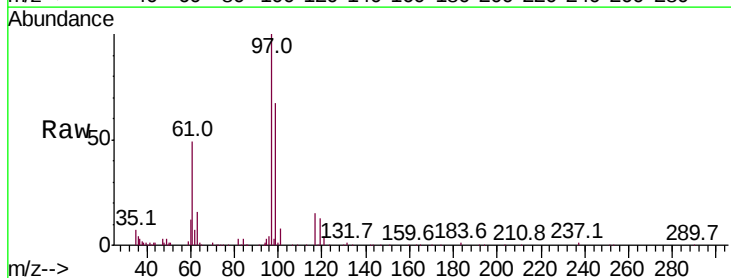
MMDadoda
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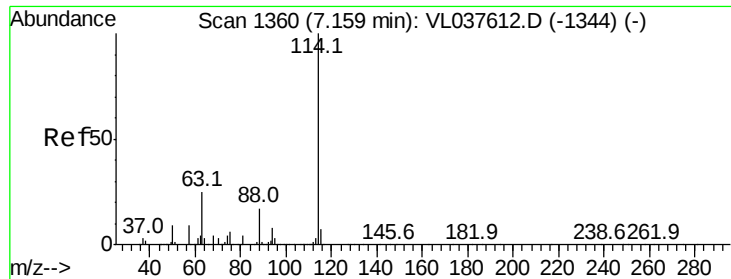


#32

1,1,1-Trichloroethane
Concen: 0.901 ppbv
RT: 6.50 min Scan# 1154
Delta R.T. 0.00 min
Lab File: VL037610.D
Acq: 16 Sep 2021 8:47

Tgt Ion	97	Resp	265850
Ion	Ratio	Lower	Upper
97	100		
99	66.8	52.3	78.5
61	53.3	39.5	59.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.16 min Scan# 1360

Delta R.T. 0.00 min

Lab File: VL037610.D

Acq: 16 Sep 2021 8:47

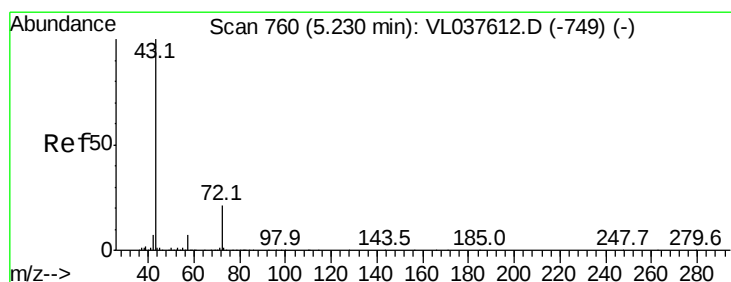
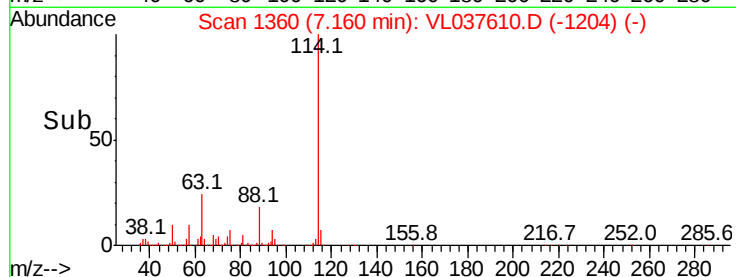
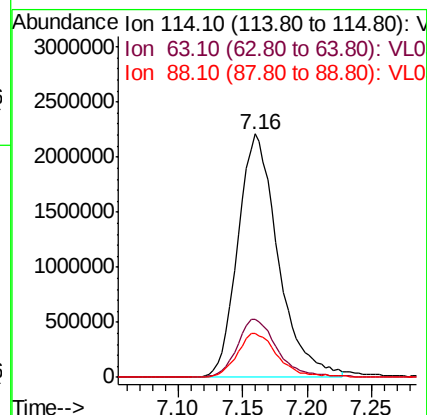
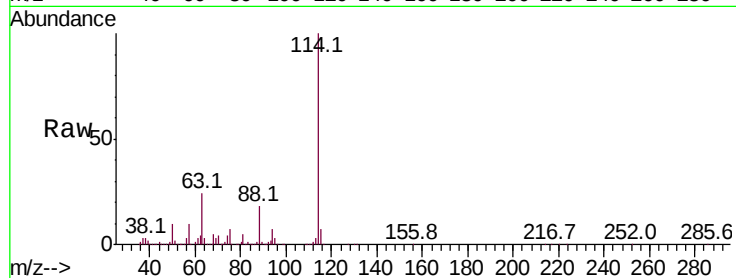
Instrument :
MSVOA_L

ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.2	19.6	29.4
88	18.3	14.2	21.4

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#34

2-Butanone

Concen: 1.055 ppbv m

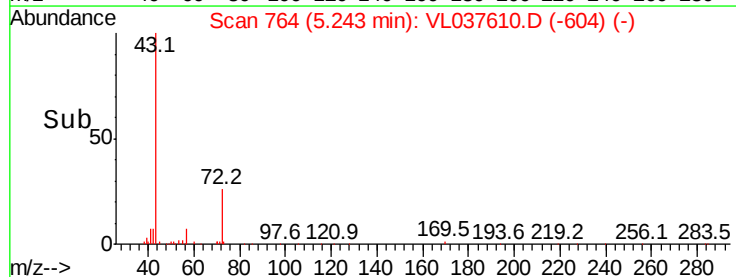
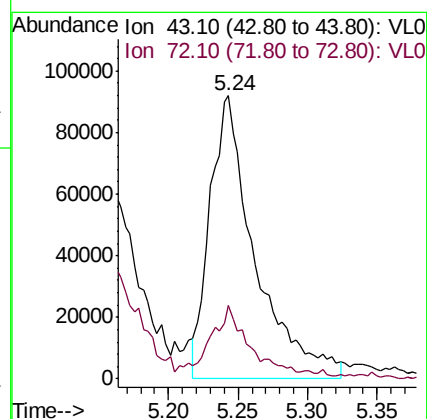
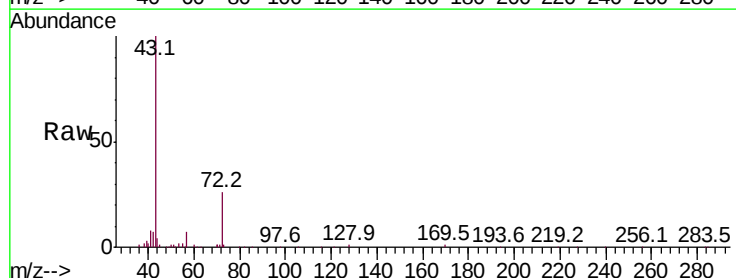
RT: 5.24 min Scan# 764

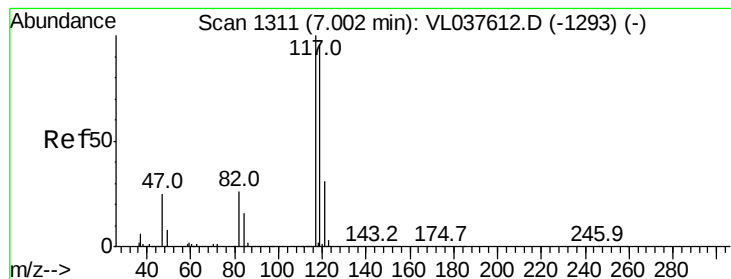
Delta R.T. 0.01 min

Lab File: VL037610.D

Acq: 16 Sep 2021 8:47

Tgt Ion	Ratio	Lower	Upper
43	100		
72	24.2	18.4	27.6





#35

Carbon Tetrachloride

Concen: 0.942 ppbv

RT: 7.01 min Scan# 1312

Delta R.T. 0.00 min

Lab File: VL037610.D

Acq: 16 Sep 2021 8:47

Instrument :

MSVOA_L

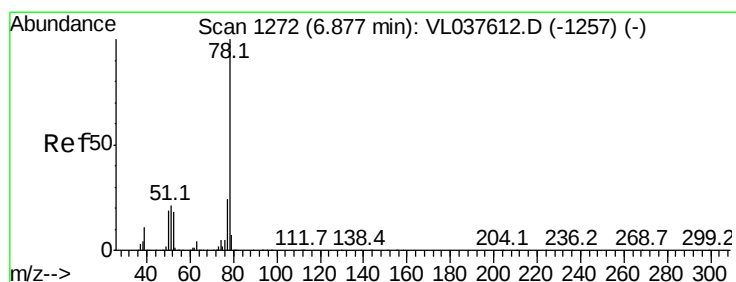
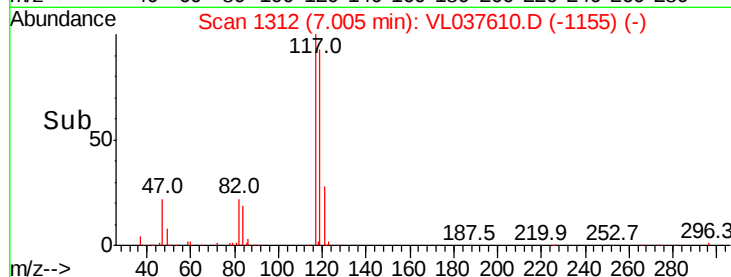
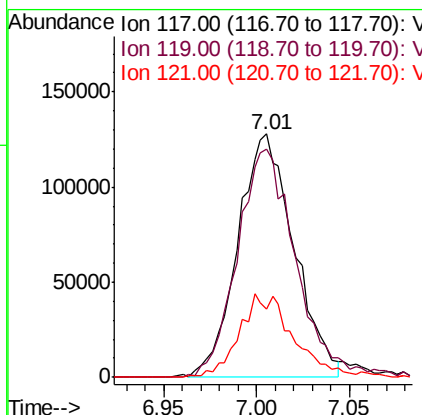
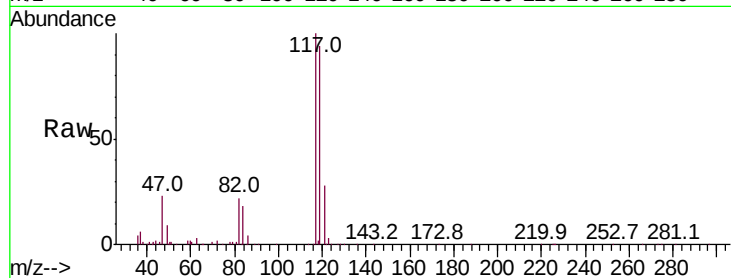
ClientSampleId :

VSTDIC001

Tot Ion:	117	Resp:	267958
Ion Ratio	Lower	Upper	
117	100		
119	93.3	77.0	115.6
121	27.5	24.5	36.7

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#36

Benzene

Concen: 0.992 ppbv

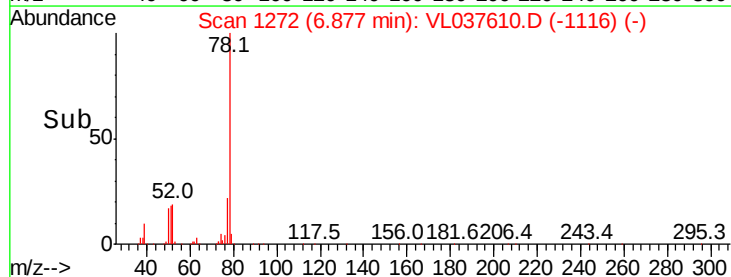
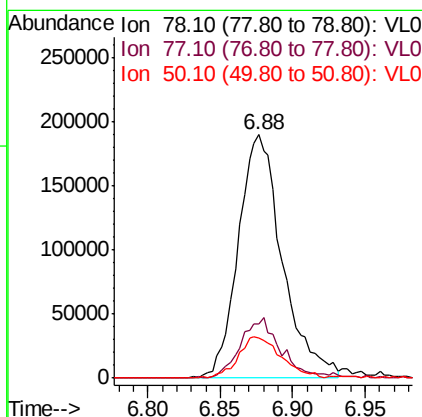
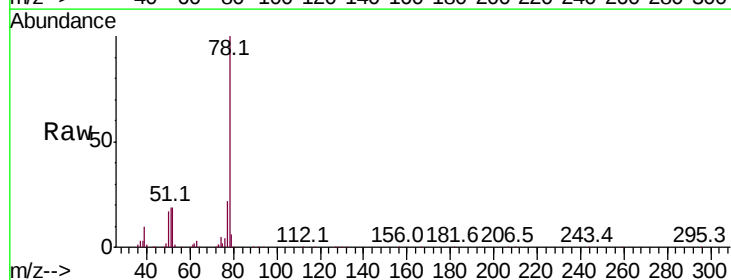
RT: 6.88 min Scan# 1272

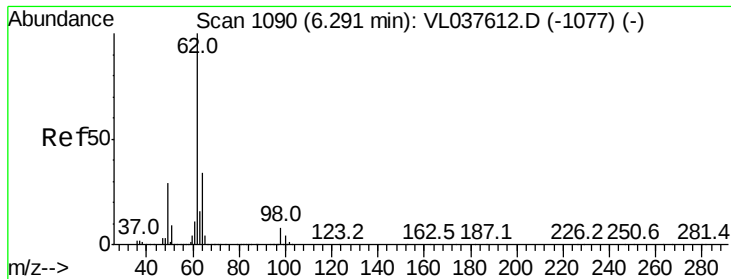
Delta R.T. 0.00 min

Lab File: VL037610.D

Acq: 16 Sep 2021 8:47

Tgt Ion:	78	Resp:	401127
Ion Ratio	Lower	Upper	
78	100		
77	22.1	19.0	28.4
50	15.9	14.8	22.2





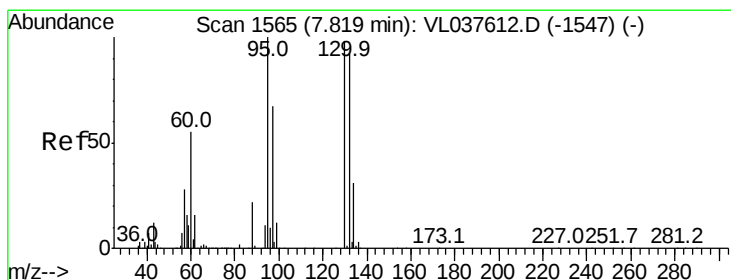
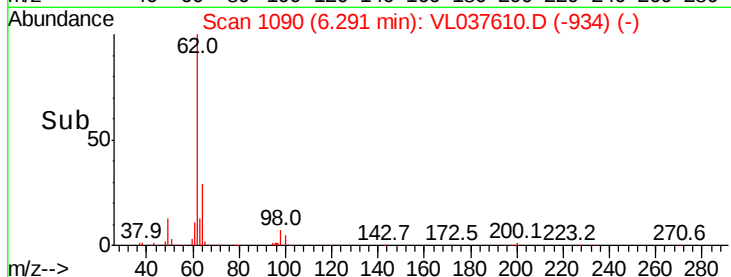
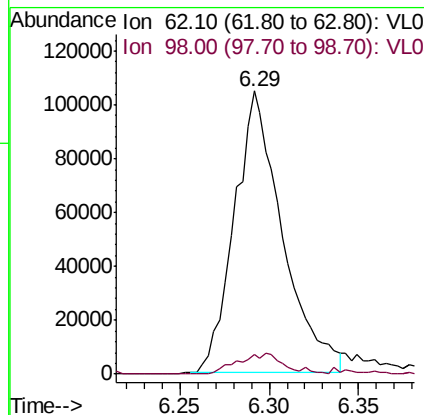
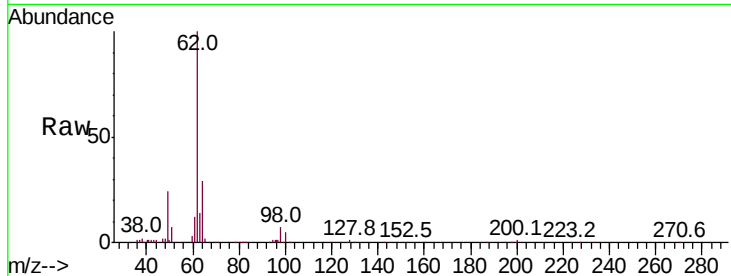
#37
 1,2-Dichloroethane
 Concen: 0.971 ppbv
 RT: 6.29 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VL037610.D
 Acq: 16 Sep 2021 8:47

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Resp	Lower	Upper
62	100	194540		
98	7.5	6.1	9.1	

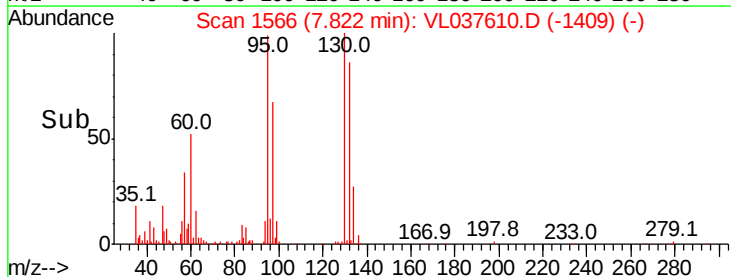
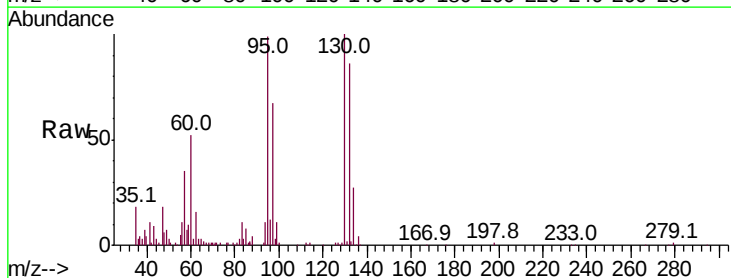
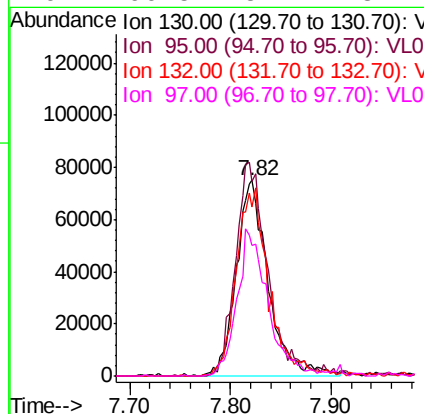
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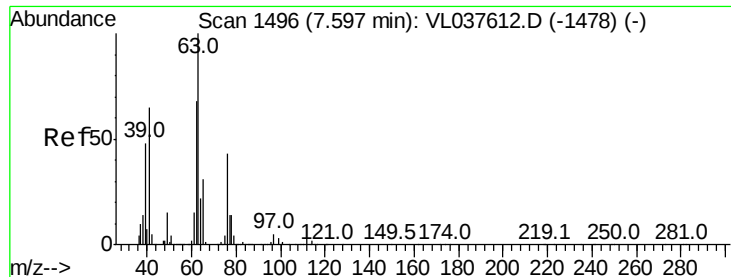
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#38
 Trichloroethene
 Concen: 0.993 ppbv m
 RT: 7.82 min Scan# 1566
 Delta R.T. 0.00 min
 Lab File: VL037610.D
 Acq: 16 Sep 2021 8:47

Tgt Ion	Ratio	Resp	Lower	Upper
130	100	164780		
95	99.3	81.8	122.6	
132	86.2	75.3	112.9	
97	66.5	54.7	82.1	





#39

1,2-Dichloropropane

Concen: 1.013 ppbv m

RT: 7.59 min Scan# 1495

Delta R.T. -0.00 min

Lab File: VL037610.D

Acq: 16 Sep 2021 8:47

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tot Ion: 63 Resp: 157382

Ion Ratio Lower Upper

63 100

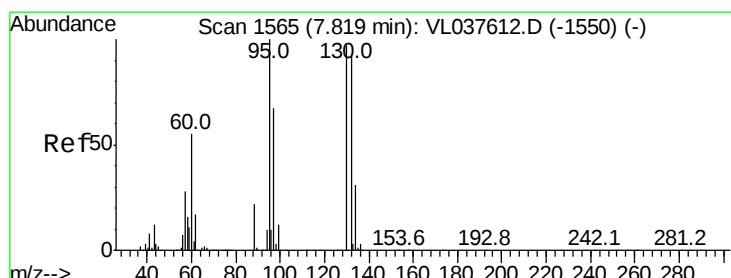
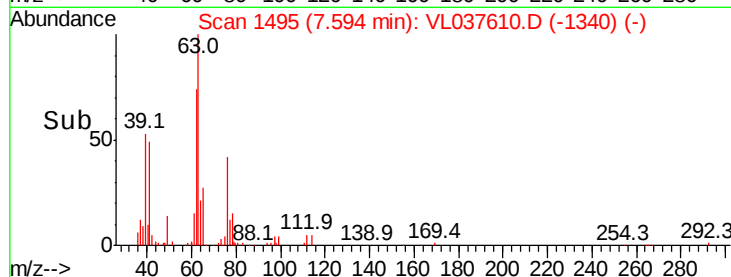
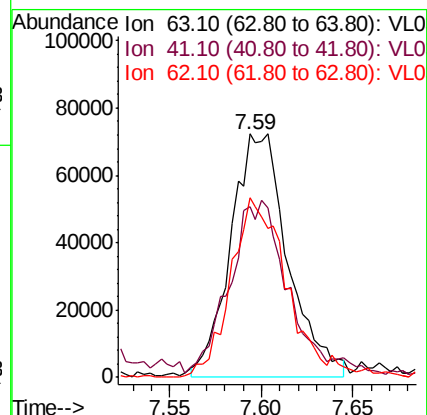
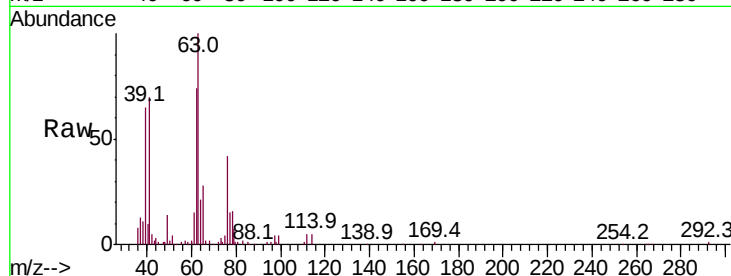
41 70.2 51.6 77.4

62 74.0 54.6 81.8

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#40

1,4-Dioxane

Concen: 1.071 ppbv m

RT: 7.85 min Scan# 1574

Delta R.T. 0.03 min

Lab File: VL037610.D

Acq: 16 Sep 2021 8:47

Tgt Ion: 88 Resp: 40783

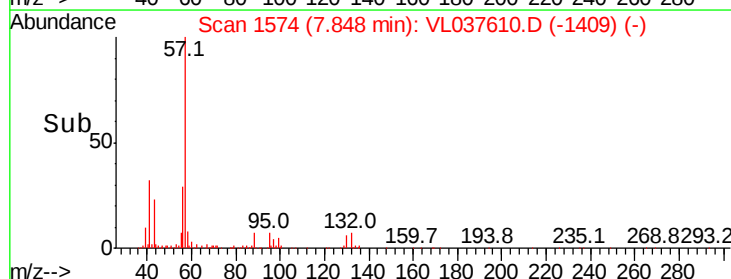
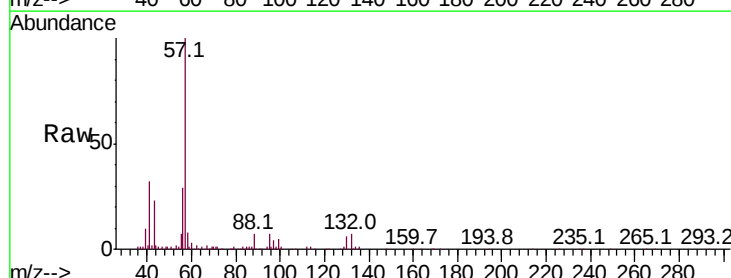
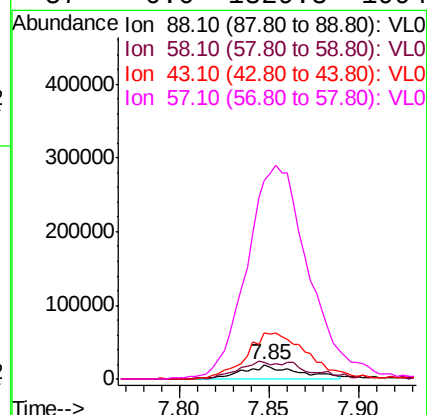
Ion Ratio Lower Upper

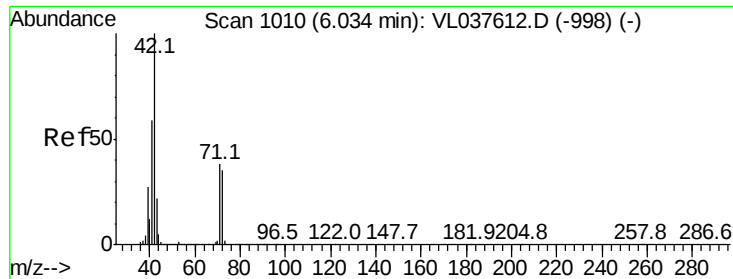
88 100

58 157.1 122.4 183.6

43 0.0 297.4 446.0#

57 0.0 1329.8 1994.8#





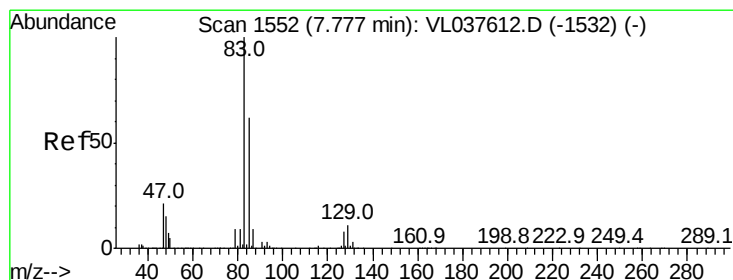
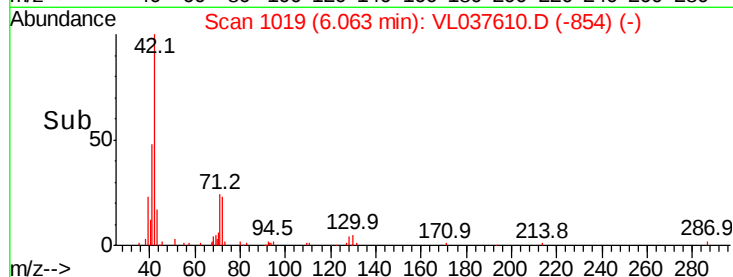
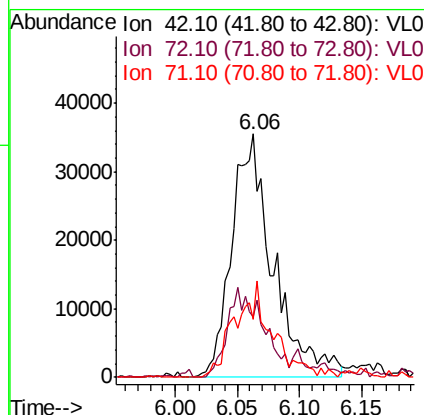
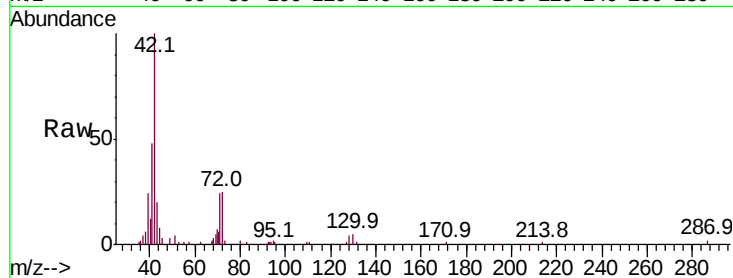
#41
Tetrahydrofuran
Concen: 0.869 ppbv m
RT: 6.06 min Scan# 1019
Delta R.T. 0.03 min
Lab File: VL037610.D
Acq: 16 Sep 2021 8:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Resp Lower	Upper
42	100		
72	38.6	31.4	47.2
71	0.0	30.6	46.0#

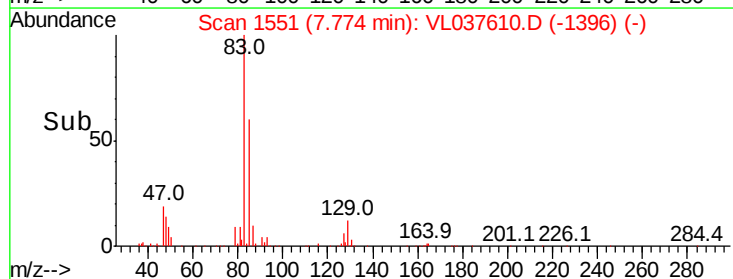
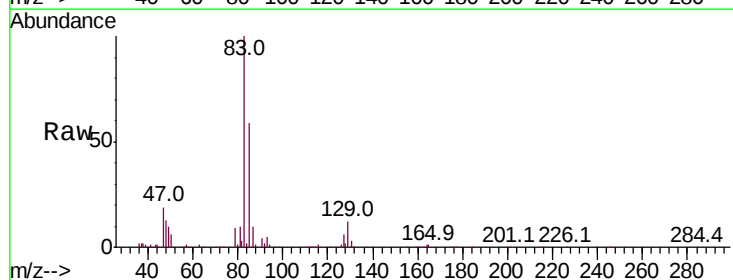
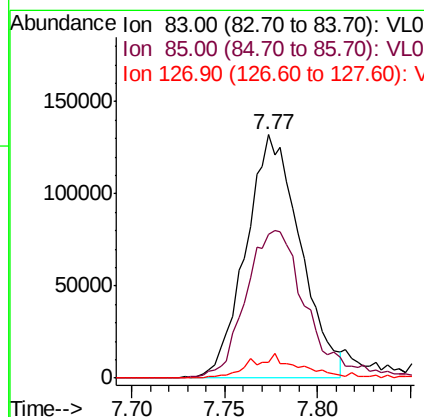
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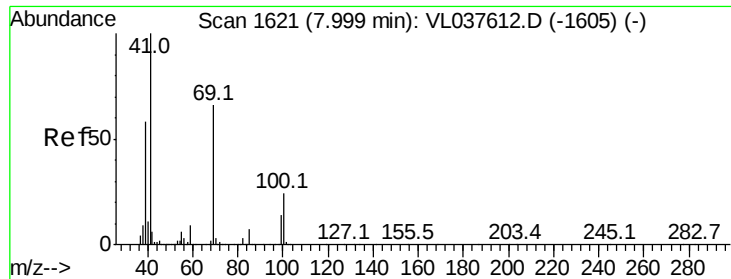
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#42
Bromodichloromethane
Concen: 0.914 ppbv
RT: 7.77 min Scan# 1551
Delta R.T. -0.00 min
Lab File: VL037610.D
Acq: 16 Sep 2021 8:47

Tgt Ion	Ratio	Resp Lower	Upper
83	100		
85	58.5	49.8	74.6
127	6.4	6.4	9.6#





#43

Methyl Methacrylate

Concen: 0.863 ppbv

RT: 8.01 min Scan# 1625

Delta R.T. 0.01 min

Lab File: VL037610.D

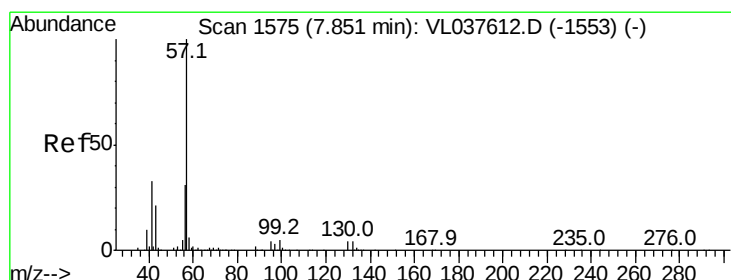
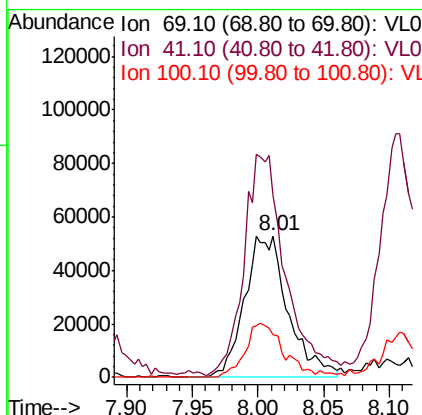
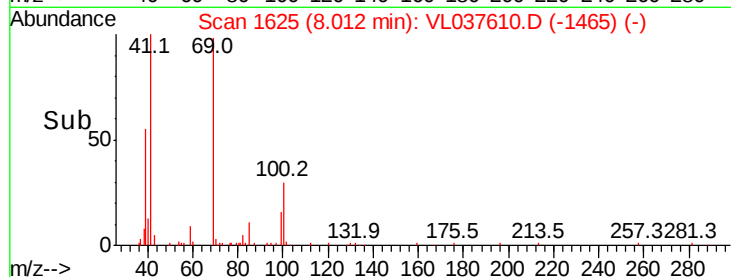
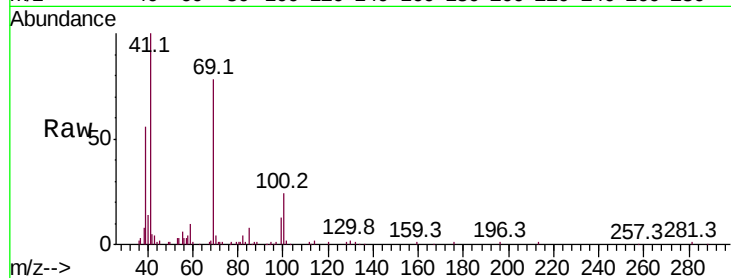
Acq: 16 Sep 2021 8:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
69	100		
41	151.1	119.0	178.4
100	35.3	27.6	41.4

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#44

2,2,4-Trimethylpentane

Concen: 1.015 ppbv

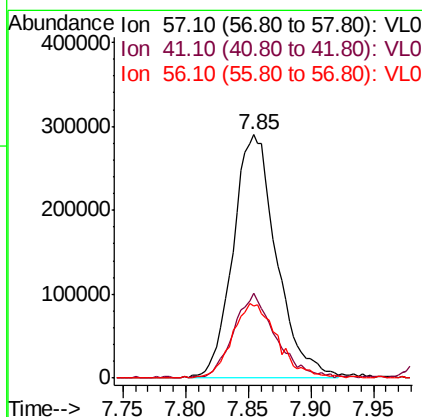
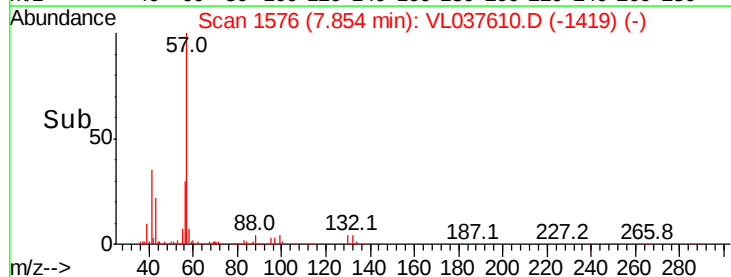
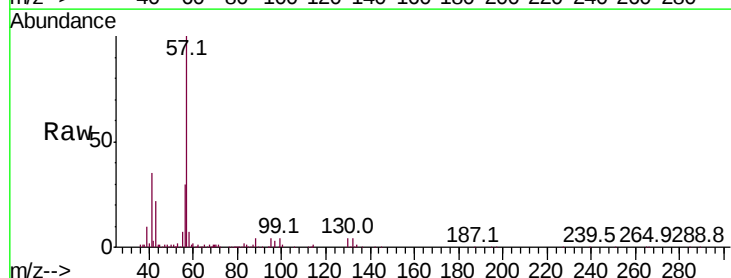
RT: 7.85 min Scan# 1576

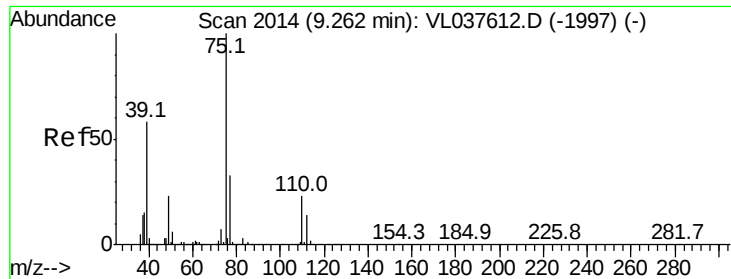
Delta R.T. 0.00 min

Lab File: VL037610.D

Acq: 16 Sep 2021 8:47

Tgt Ion	Ratio	Lower	Upper
57	100		
41	34.2	26.1	39.1
56	32.8	25.7	38.5





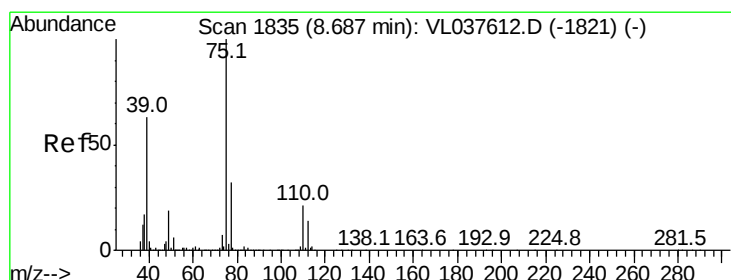
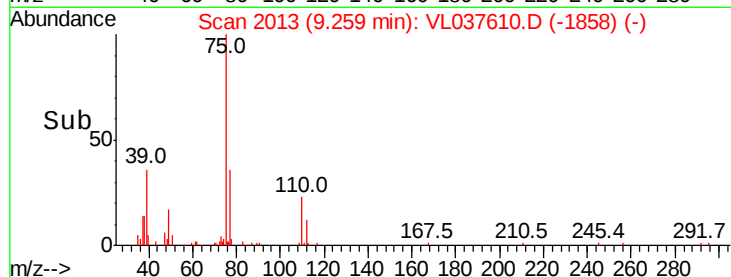
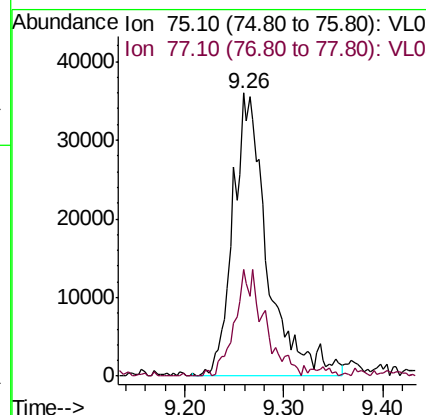
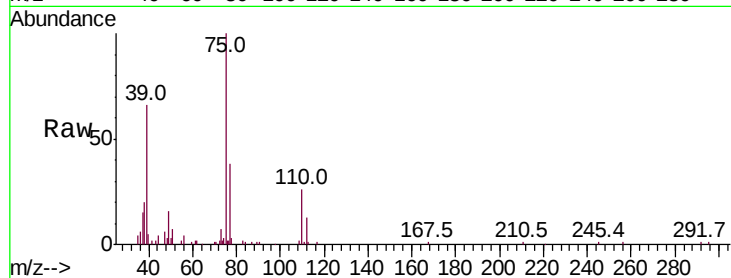
#45
t-1,3-Dichloropropene
Concen: 0.819 ppbv m
RT: 9.26 min Scan# 2013
Delta R.T. -0.00 min
Lab File: VL037610.D
Acq: 16 Sep 2021 8:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tot Ion: 75 Resp: 86920
Ion Ratio Lower Upper
75 100
77 37.8 26.3 39.5

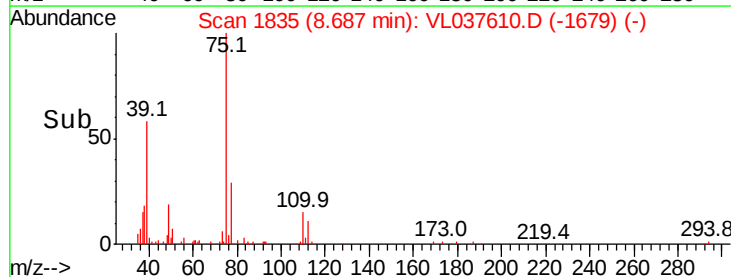
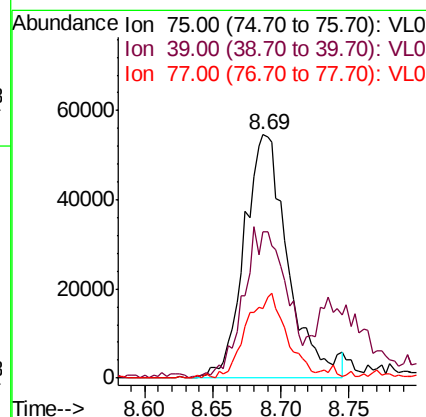
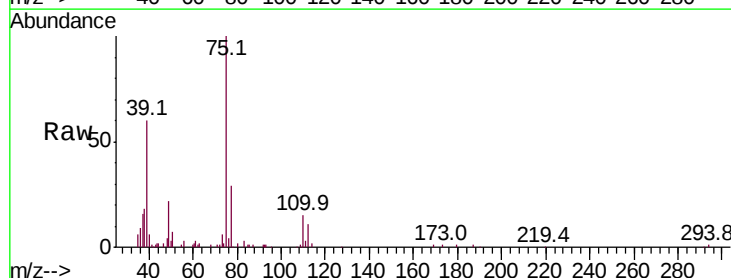
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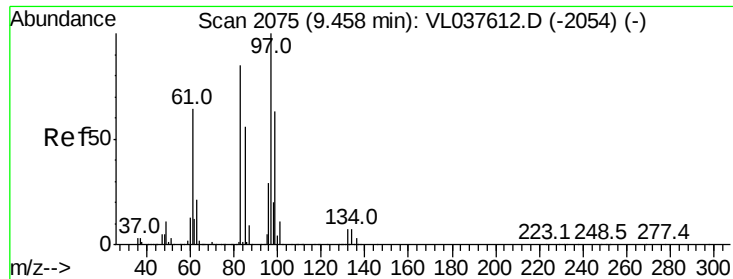
MMDadoda
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#46
cis-1,3-Dichloropropene
Concen: 0.820 ppbv m
RT: 8.69 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VL037610.D
Acq: 16 Sep 2021 8:47

Tgt Ion: 75 Resp: 121353
Ion Ratio Lower Upper
75 100
39 60.3 50.2 75.4
77 28.8 25.2 37.8





#47

1,1,2-Trichloroethane

Concen: 1.038 ppbv m

RT: 9.46 min Scan# 2074

Delta R.T. -0.00 min

Lab File: VL037610.D

Acq: 16 Sep 2021 8:47

Instrument :

MSVOA_L

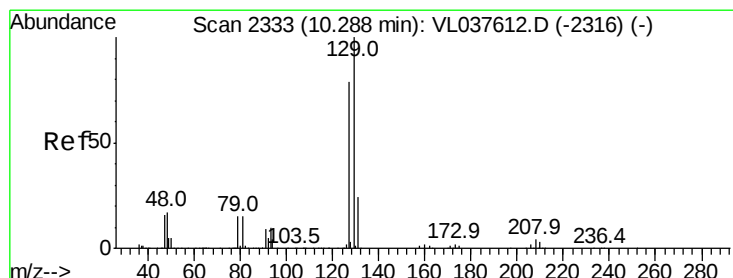
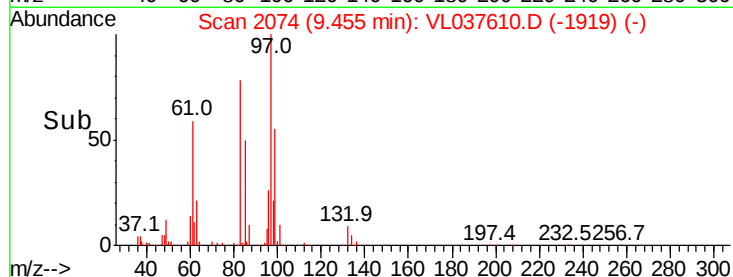
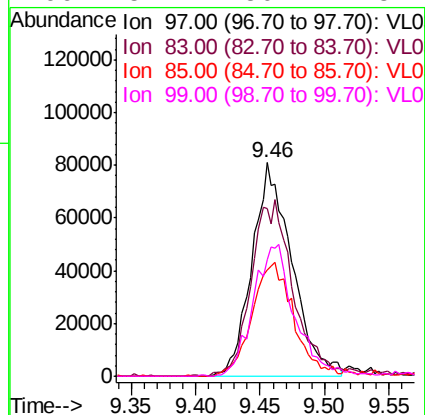
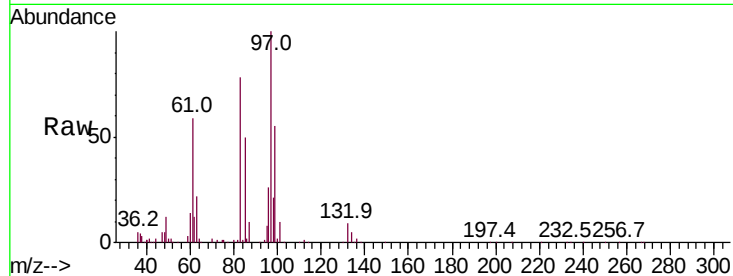
ClientSampleId :

VSTDIC001

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		174361		
83	78.4	67.9	101.9		
85	49.6	44.8	67.2		
99	54.7	50.1	75.1		

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#48

Dibromochloromethane

Concen: 0.897 ppbv

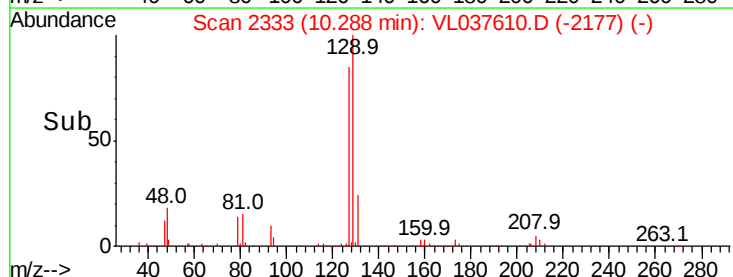
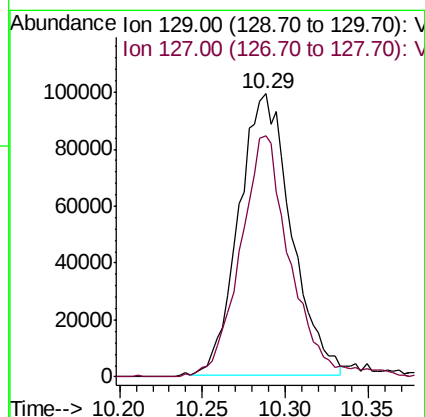
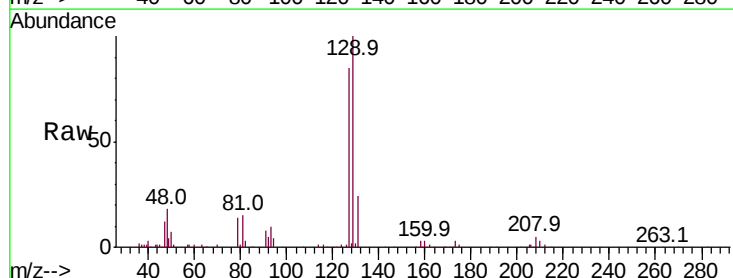
RT: 10.29 min Scan# 2333

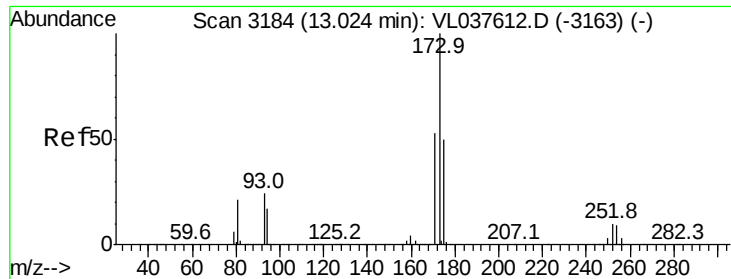
Delta R.T. 0.00 min

Lab File: VL037610.D

Acq: 16 Sep 2021 8:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
129	100		216660		
127	82.7	39.3	117.8		





#49

Bromoform

Concen: 0.888 ppbv

RT: 13.02 min Scan# 3182

Delta R.T. -0.01 min

Lab File: VL037610.D

Acq: 16 Sep 2021 8:47

Instrument :

MSVOA_L

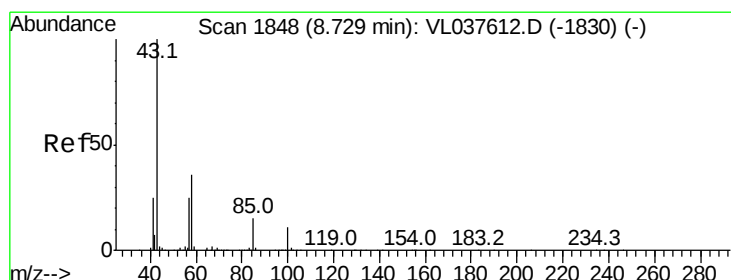
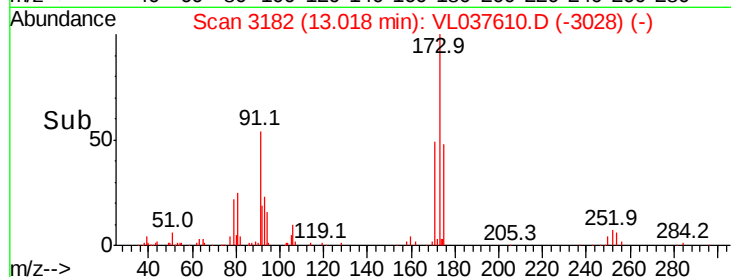
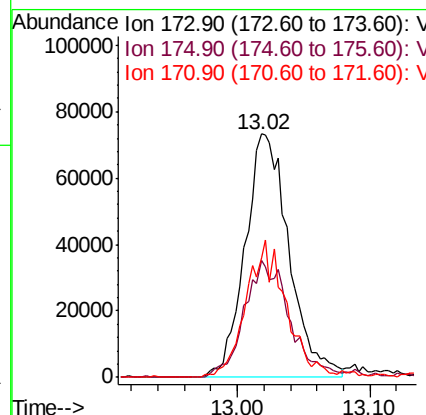
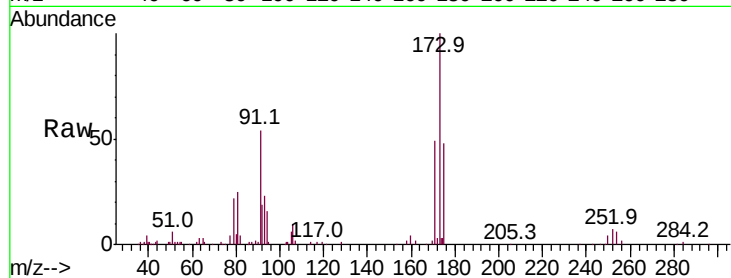
ClientSampleId :

VSTDIC001

Tot Ion:	173	Resp:	169132
Ion Ratio	Lower	Upper	
173	100		
175	51.6	39.8	59.8
171	52.3	42.2	63.4

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#50

4-Methyl-2-Pentanone

Concen: 0.913 ppbv

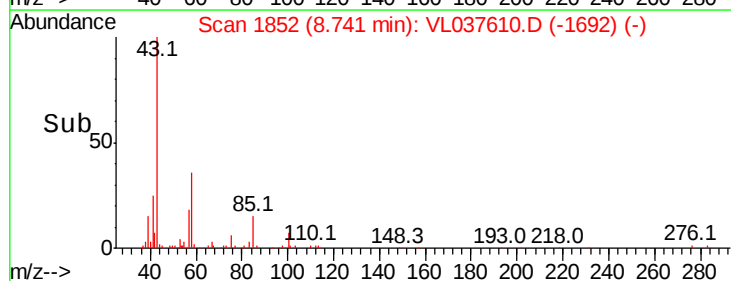
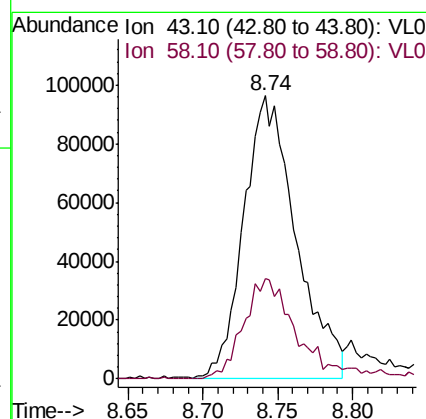
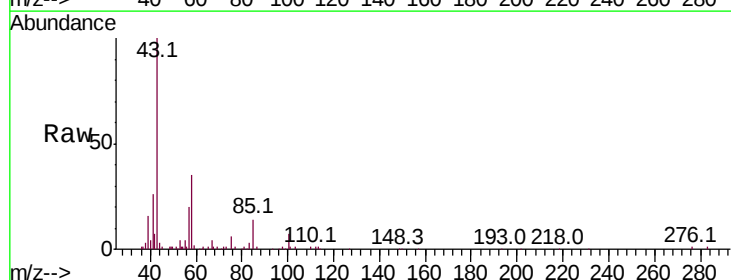
RT: 8.74 min Scan# 1852

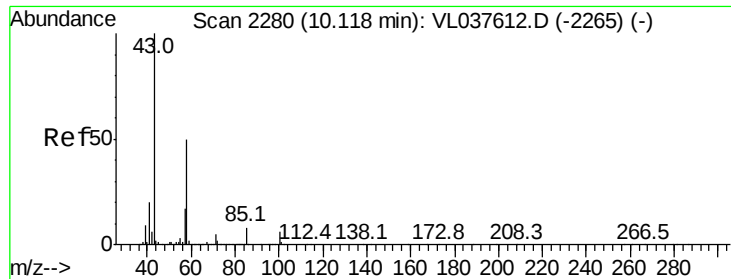
Delta R.T. 0.01 min

Lab File: VL037610.D

Acq: 16 Sep 2021 8:47

Tgt Ion:	43	Resp:	233877
Ion Ratio	Lower	Upper	
43	100		
58	38.2	29.4	44.2





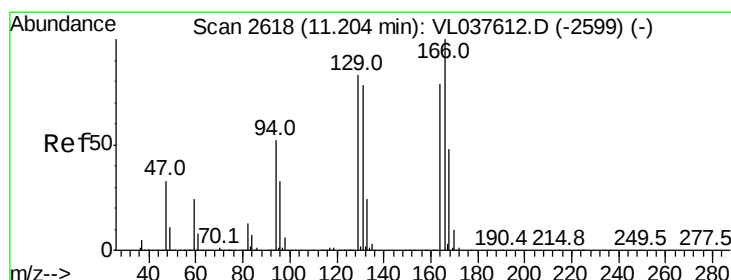
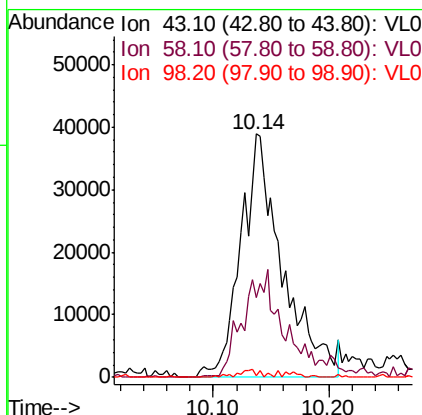
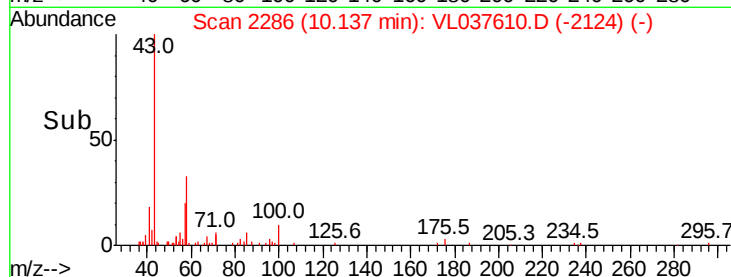
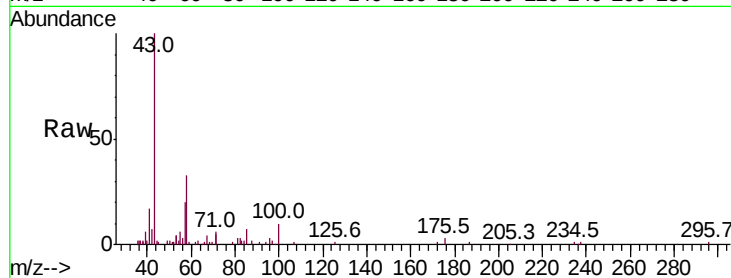
#51
2-Hexanone
Concen: 0.822 ppbv m
RT: 10.14 min Scan# 2286
Delta R.T. 0.02 min
Lab File: VL037610.D
Acq: 16 Sep 2021 8:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
43	100		
58	0.0	39.3	58.9#
98	0.0	0.4	0.6#

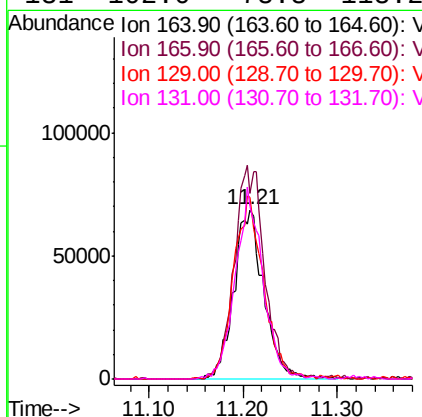
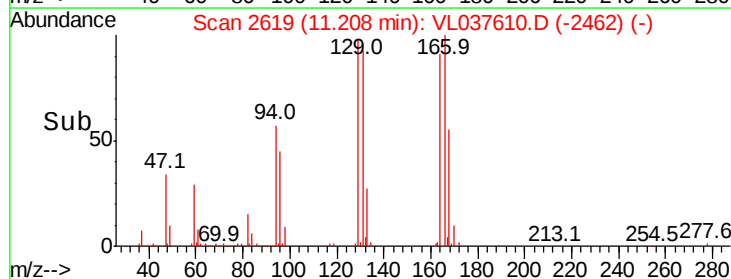
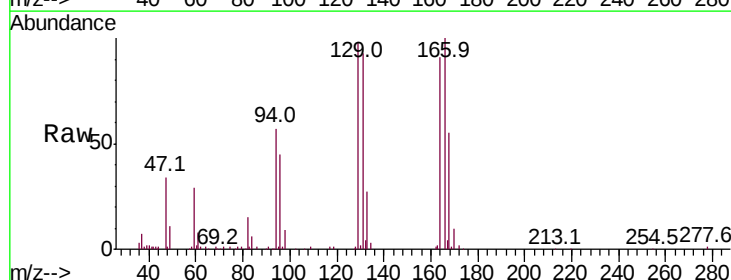
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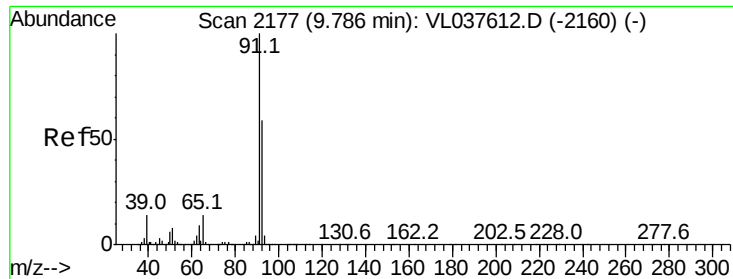
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#52
Tetrachloroethene
Concen: 0.923 ppbv m
RT: 11.21 min Scan# 2619
Delta R.T. 0.00 min
Lab File: VL037610.D
Acq: 16 Sep 2021 8:47

Tgt Ion	Ratio	Lower	Upper
164	100		
166	109.7	101.2	151.8
129	107.5	84.0	126.0
131	102.0	78.8	118.2





#53

Toluene

Concen: 0.936 ppbv

RT: 9.79 min Scan# 2178

Delta R.T. 0.00 min

Lab File: VL037610.D

Acq: 16 Sep 2021 8:47

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tot Ion: 91 Resp: 432348

Ion Ratio Lower Upper

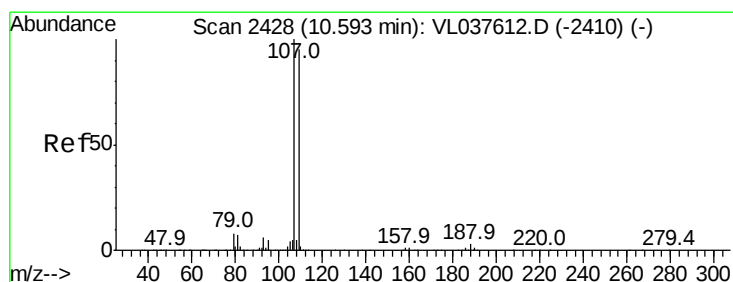
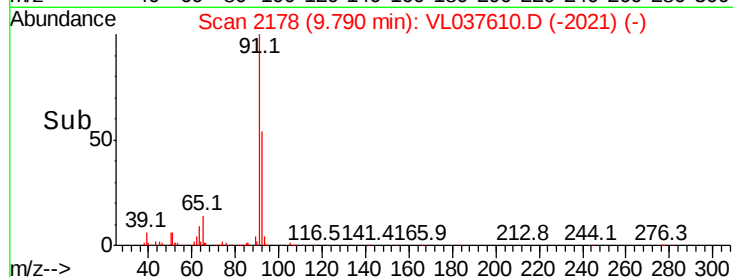
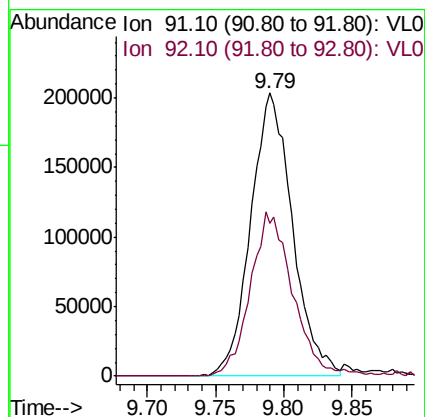
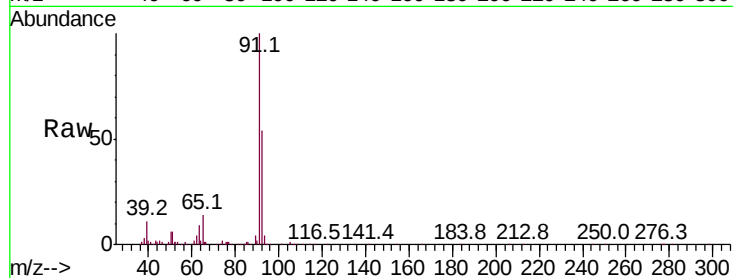
91 100

92 59.2 48.9 73.3

Manual Integrations
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#54

1,2-Dibromoethane

Concen: 0.985 ppbv m

RT: 10.59 min Scan# 2428

Delta R.T. 0.00 min

Lab File: VL037610.D

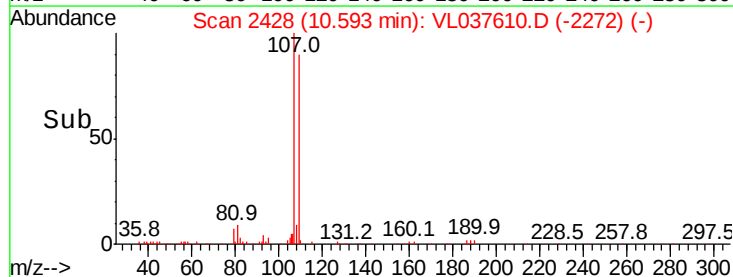
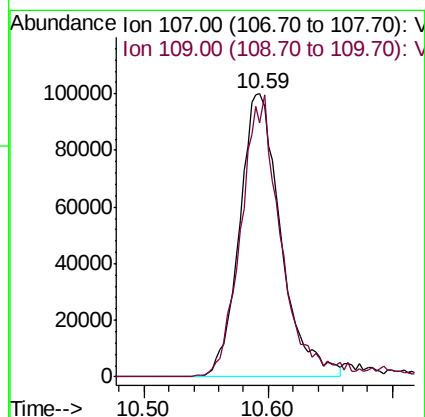
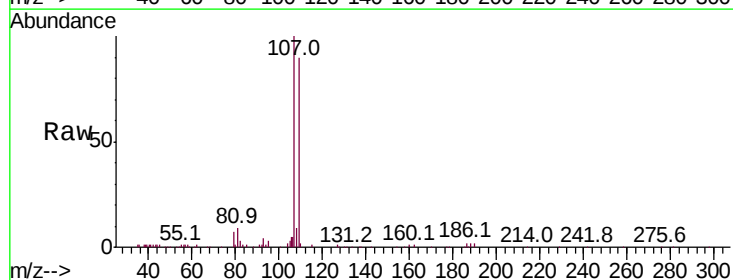
Acq: 16 Sep 2021 8:47

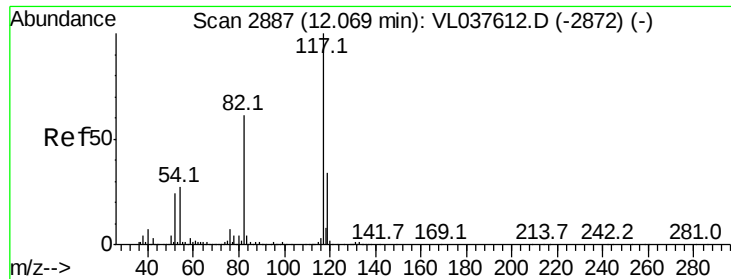
Tgt Ion: 107 Resp: 230885

Ion Ratio Lower Upper

107 100

109 89.8 76.0 114.0





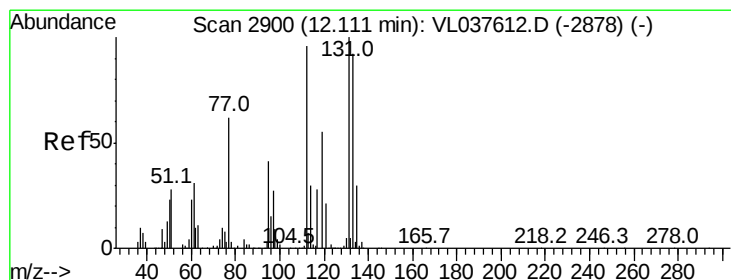
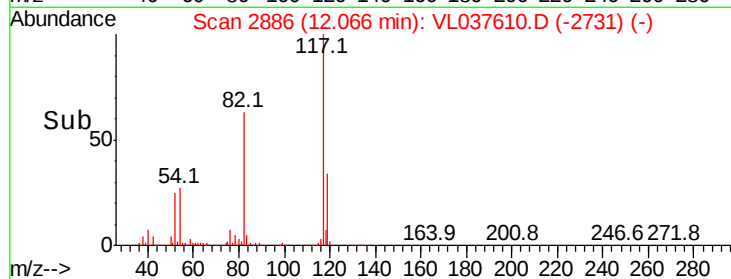
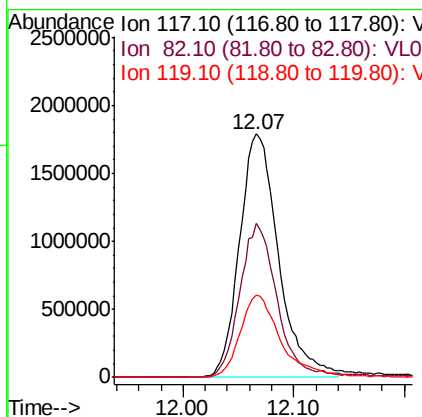
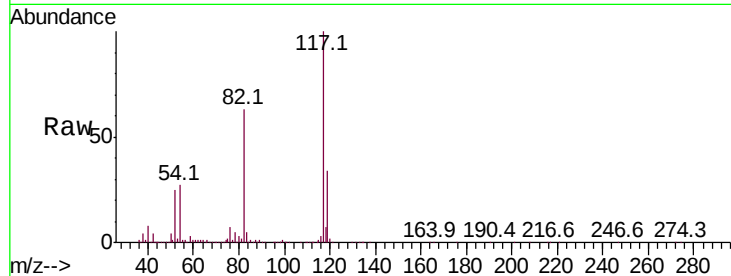
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2886
Delta R.T. -0.00 min
Lab File: VL037610.D
Acq: 16 Sep 2021 8:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tot Ion:117 Resp: 4393910
Ion Ratio Lower Upper
117 100
82 62.0 50.6 75.8
119 35.4 26.2 39.2

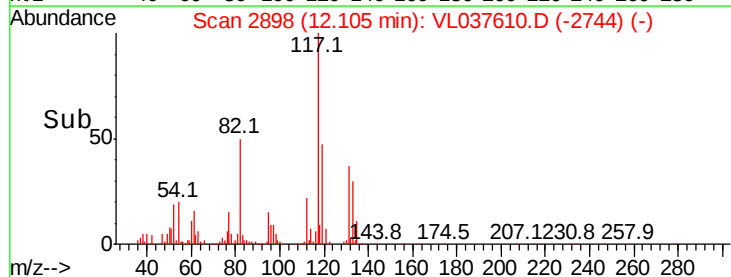
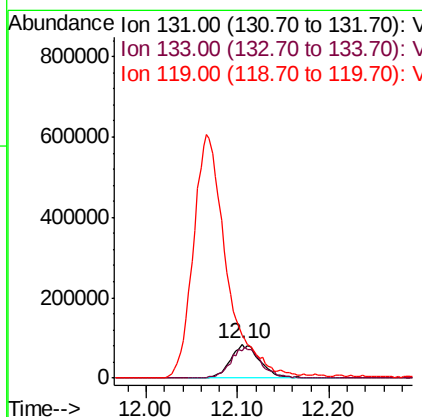
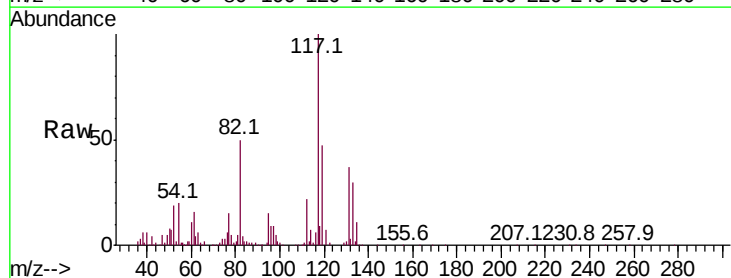
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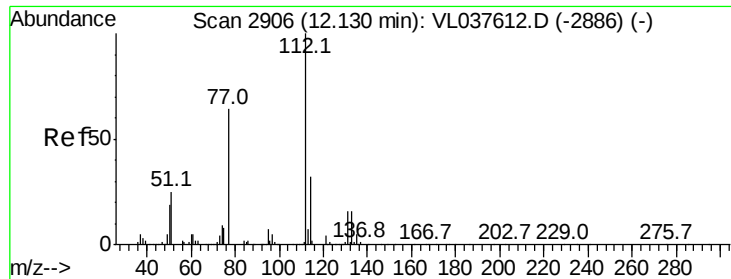
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#56
1,1,1,2-Tetrachloroethane
Concen: 1.028 ppbv m
RT: 12.10 min Scan# 2898
Delta R.T. -0.01 min
Lab File: VL037610.D
Acq: 16 Sep 2021 8:47

Tgt Ion:131 Resp: 188274
Ion Ratio Lower Upper
131 100
133 94.1 76.8 115.2
119 0.0 47.8 71.8#





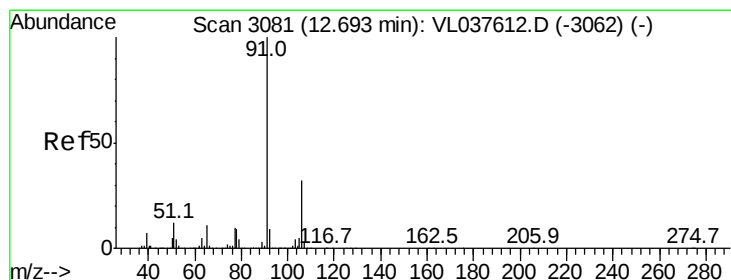
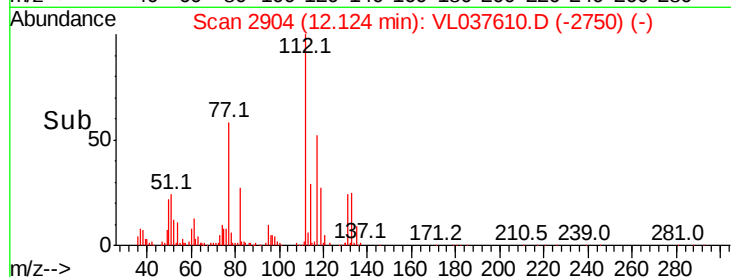
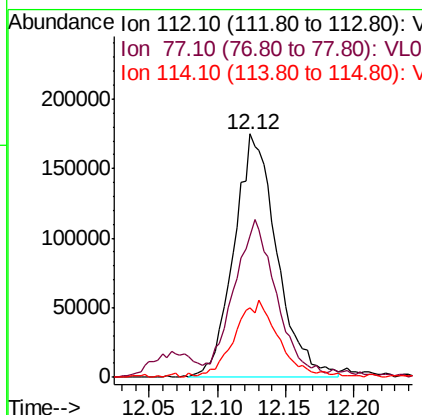
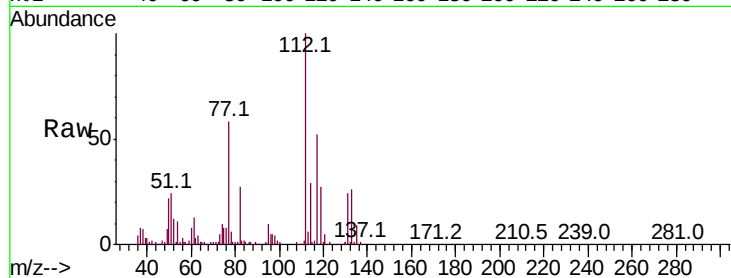
#57
Chlorobenzene
Concen: 1.042 ppbv
RT: 12.12 min Scan# 2904
Delta R.T. -0.01 min
Lab File: VL037610.D
Acq: 16 Sep 2021 8:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Resp Lower	Upper
112	100		
77	56.2	52.1	78.1
114	27.3	29.2	35.6#

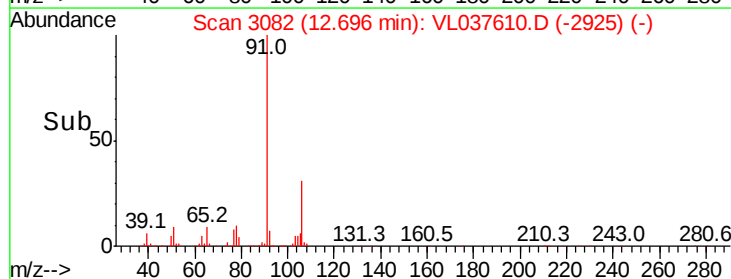
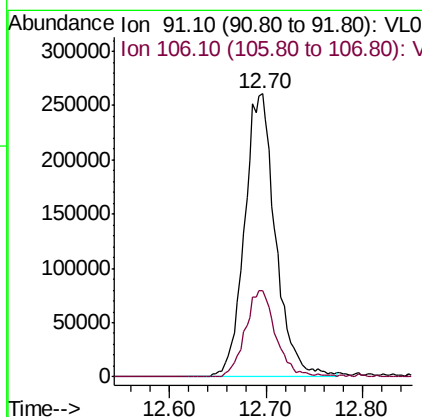
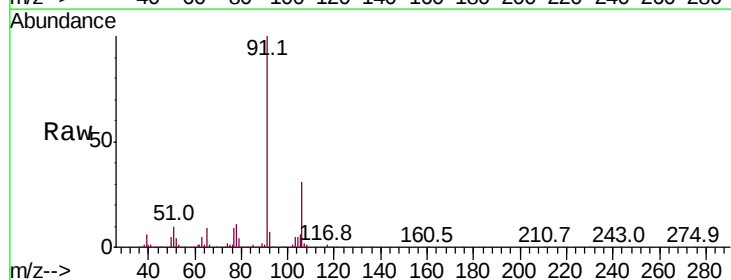
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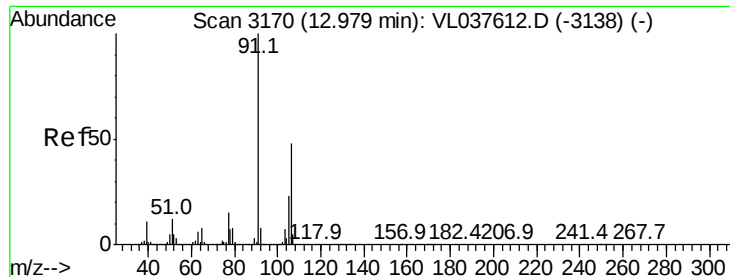
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#58
Ethyl Benzene
Concen: 0.952 ppbv m
RT: 12.70 min Scan# 3082
Delta R.T. 0.00 min
Lab File: VL037610.D
Acq: 16 Sep 2021 8:47

Tgt Ion	Ratio	Resp Lower	Upper
91	100		
106	30.6	25.3	37.9





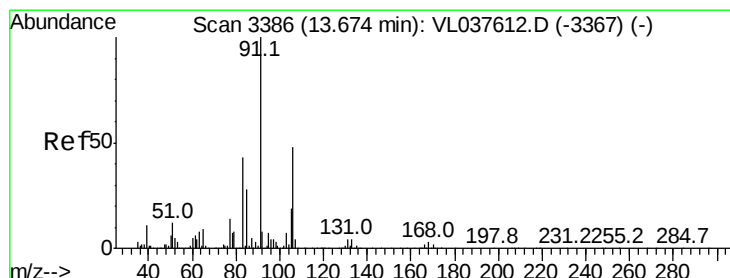
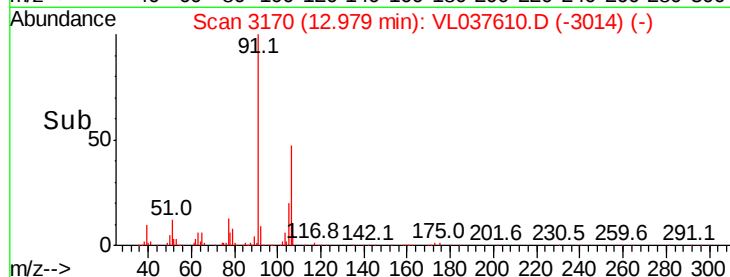
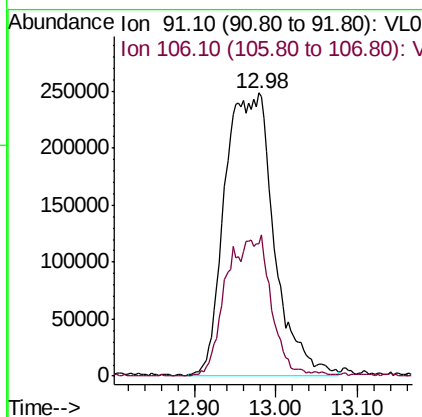
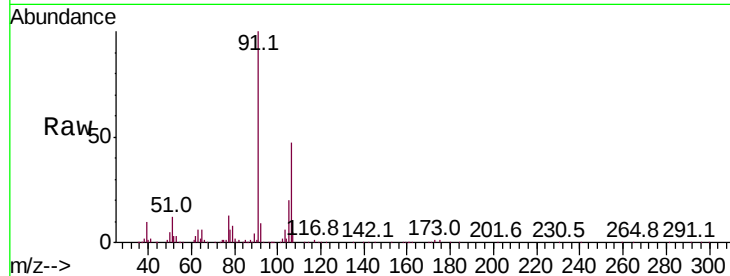
#59
m/p-Xylene
Concen: 1.962 ppbv m
RT: 12.98 min Scan# 3170
Delta R.T. 0.00 min
Lab File: VL037610.D
Acq: 16 Sep 2021 8:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tot Ion: 91 Resp: 1037359
Ion Ratio Lower Upper
91 100
106 44.7 36.6 55.0

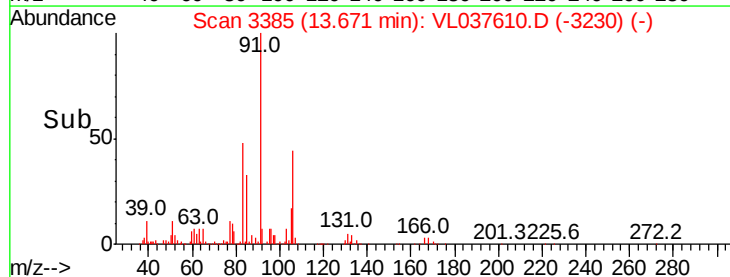
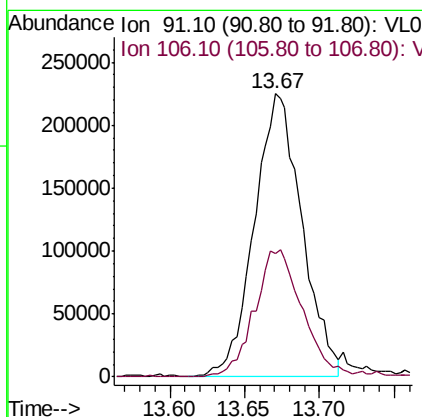
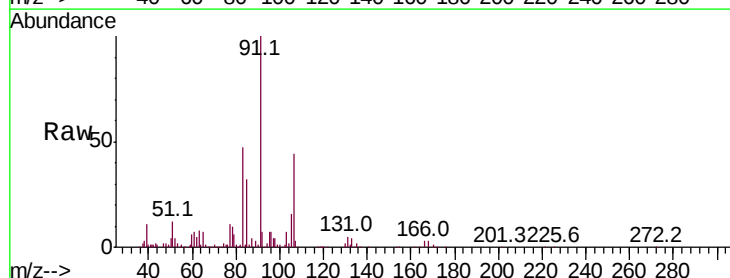
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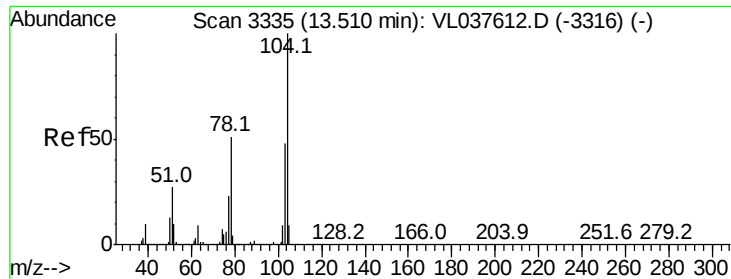
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#60
o-Xylene
Concen: 1.005 ppbv
RT: 13.67 min Scan# 3385
Delta R.T. -0.00 min
Lab File: VL037610.D
Acq: 16 Sep 2021 8:47

Tgt Ion: 91 Resp: 495724
Ion Ratio Lower Upper
91 100
106 47.1 23.0 69.0





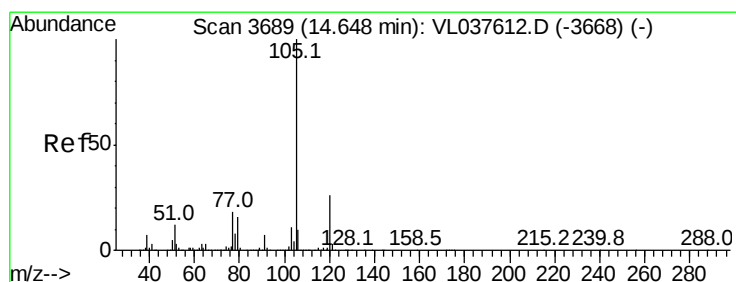
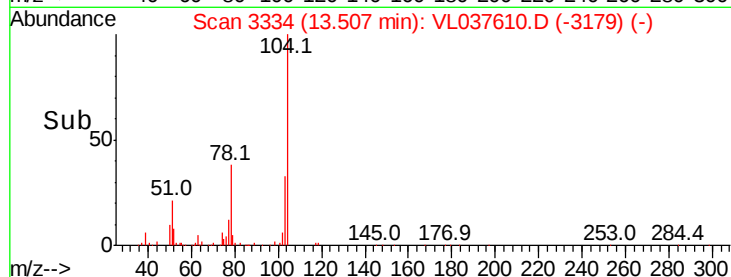
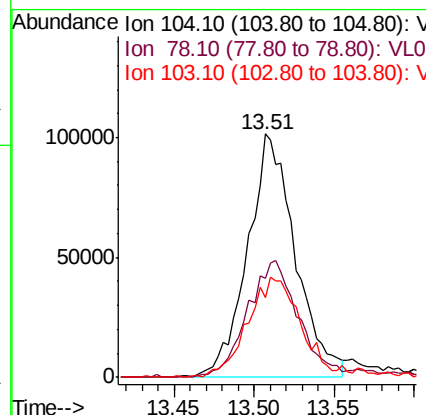
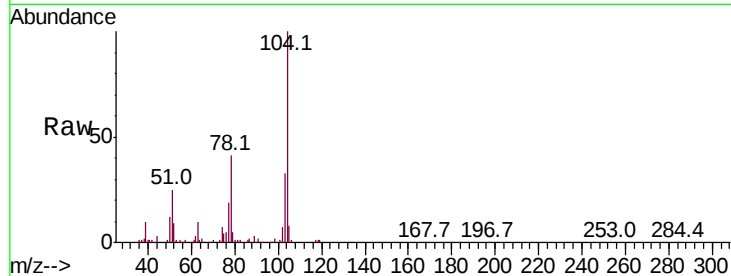
#61
Stvrene
Concen: 0.807 ppbv
RT: 13.51 min Scan# 3334
Delta R.T. -0.00 min
Lab File: VL037610.D
Acq: 16 Sep 2021 8:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Resp	Lower	Upper
104	100	206887		
78	54.4		39.7	59.5
103	49.4		38.8	58.2

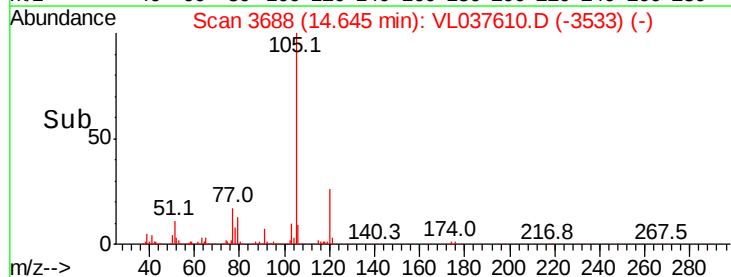
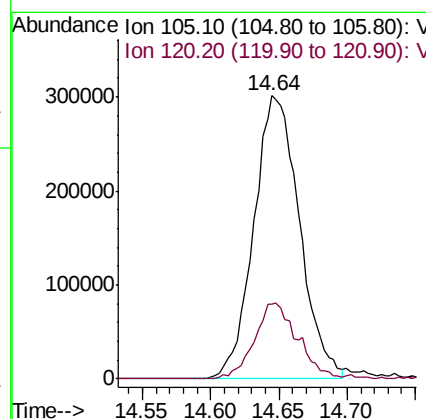
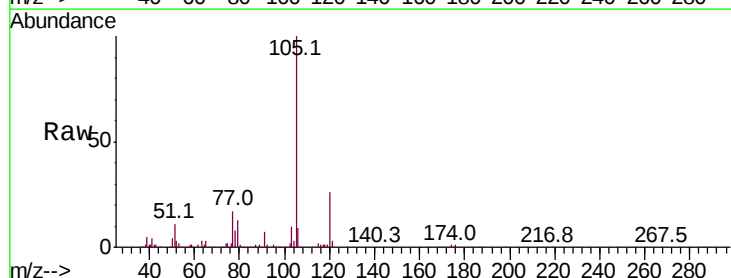
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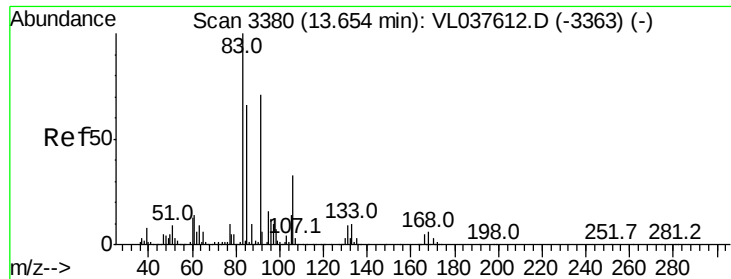
MMDadoda
9/20/2021 5:26:23 PM



#62
Isopropylbenzene
Concen: 1.007 ppbv
RT: 14.64 min Scan# 3688
Delta R.T. -0.00 min
Lab File: VL037610.D
Acq: 16 Sep 2021 8:47

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	701354		
120	25.9		21.4	32.0





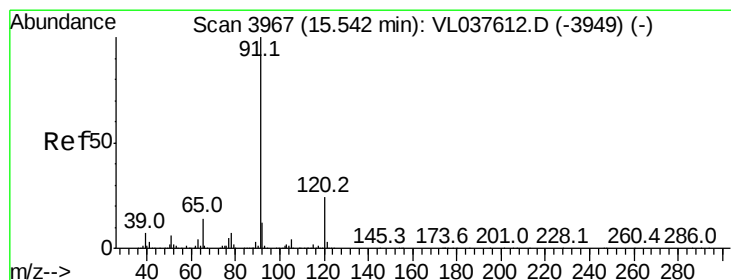
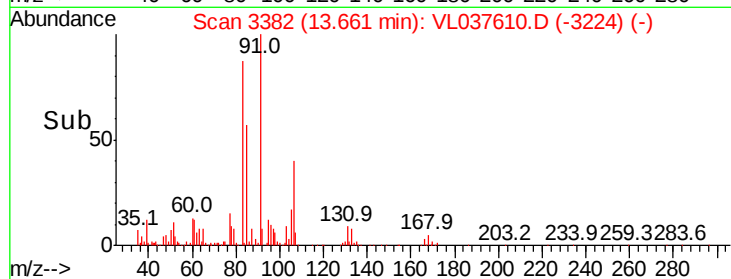
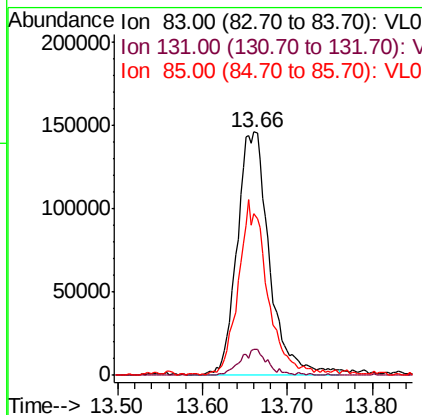
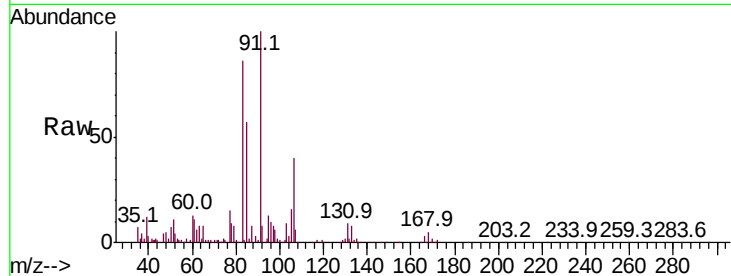
#63
 1,1,2,2-Tetrachloroethane
 Concen: 1.057 ppbv m
 RT: 13.66 min Scan# 3382
 Delta R.T. 0.01 min
 Lab File: VL037610.D
 Acq: 16 Sep 2021 8:47

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Resp	Lower	Upper
83	100	387551		
131	0.0	5.1	15.3#	
85	64.6	33.3	99.9	

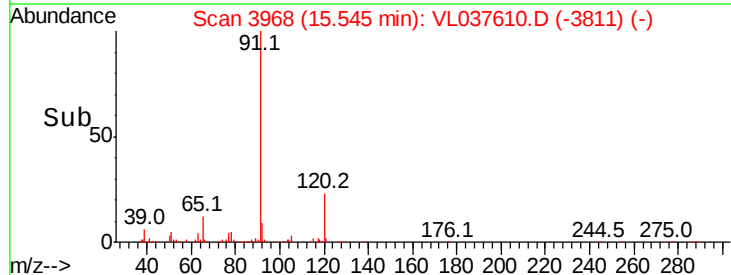
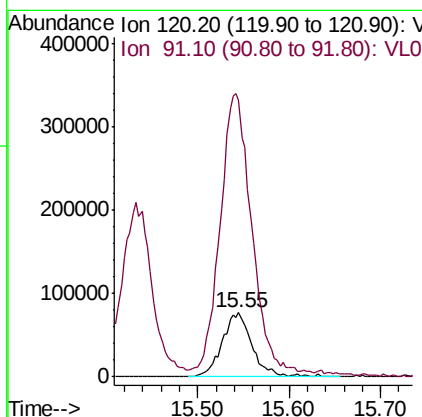
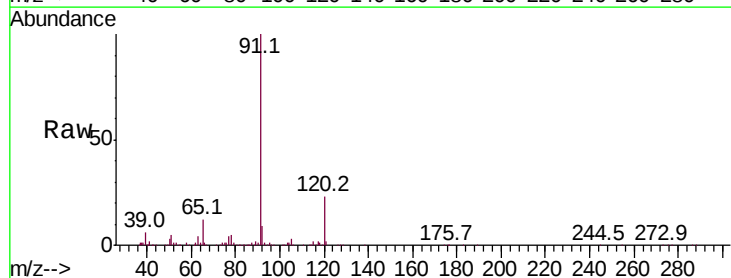
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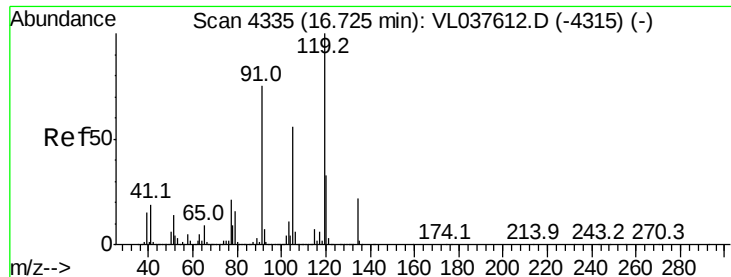
MMDadoda
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#64
 n-propylbenzene
 Concen: 1.001 ppbv m
 RT: 15.55 min Scan# 3968
 Delta R.T. 0.00 min
 Lab File: VL037610.D
 Acq: 16 Sep 2021 8:47

Tgt Ion	Ratio	Resp	Lower	Upper
120	100	177303		
91	471.2	345.0	517.4	





#65

tert-Butylbenzene

Concen: 1.033 ppbv

RT: 16.72 min Scan# 4334

Delta R.T. -0.00 min

Lab File: VL037610.D

Acq: 16 Sep 2021 8:47

Instrument :

MSVOA_L

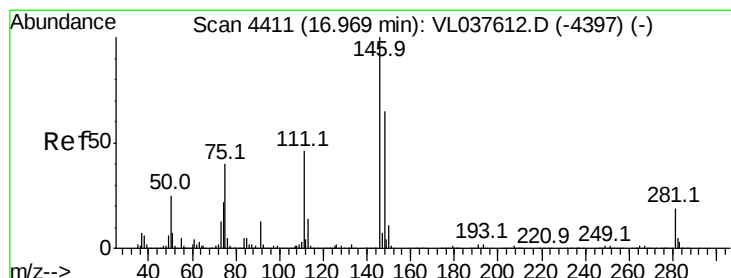
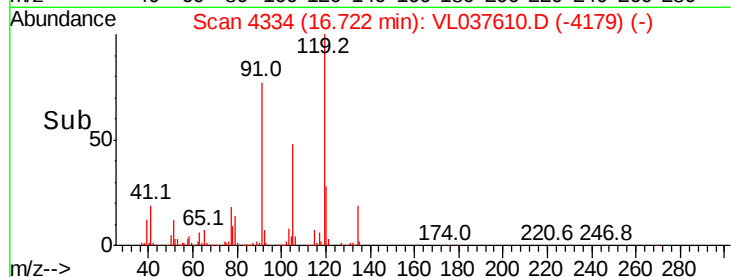
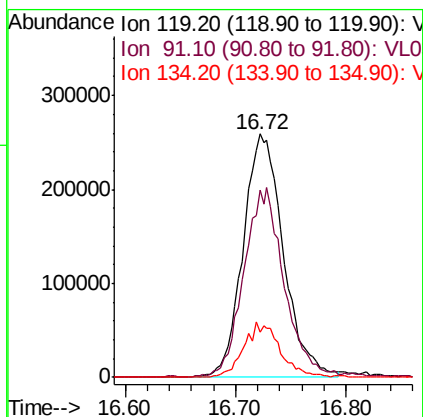
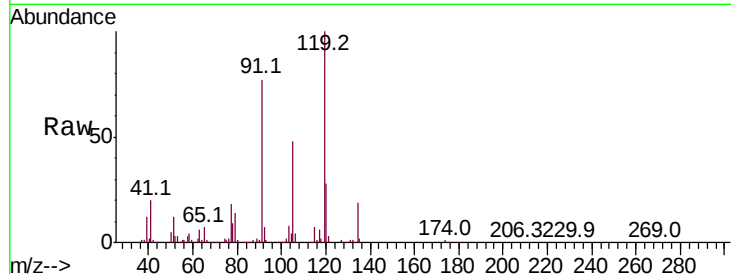
ClientSampleId :

VSTDIC001

Tot Ion:	119	Resp:	654855
Ion Ratio	Lower	Upper	
119	100		
91	78.1	61.9	92.9
134	20.8	16.5	24.7

Manual Integrations
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#66

Benzyl Chloride

Concen: 0.981 ppbv m

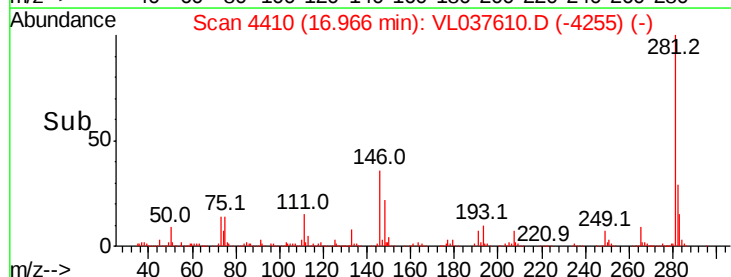
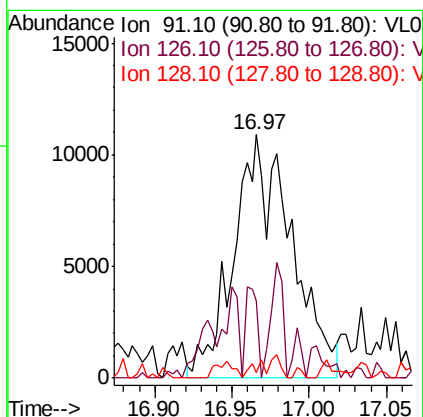
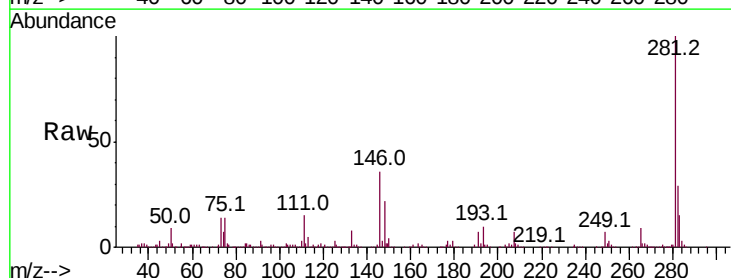
RT: 16.97 min Scan# 4410

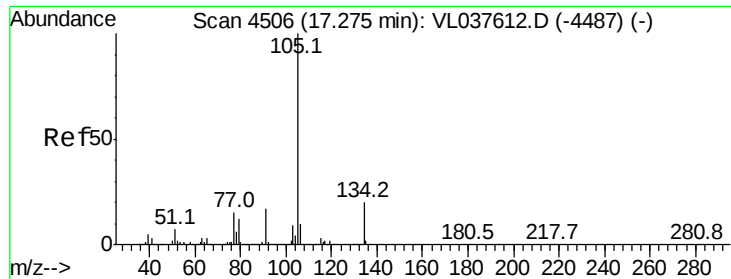
Delta R.T. -0.00 min

Lab File: VL037610.D

Acq: 16 Sep 2021 8:47

Tgt Ion:	91	Resp:	28145
Ion Ratio	Lower	Upper	
91	100		
126	20.4	14.4	21.6
128	3.7	5.7	8.5#





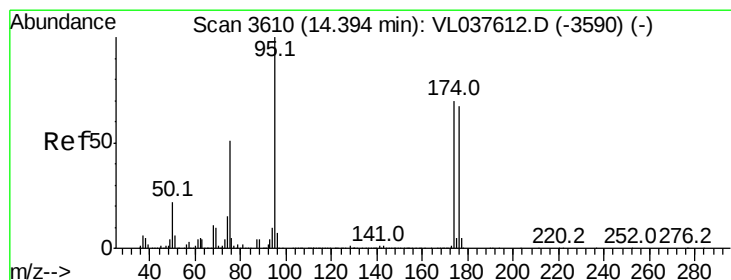
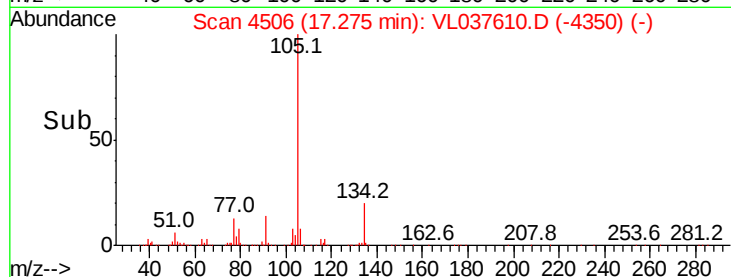
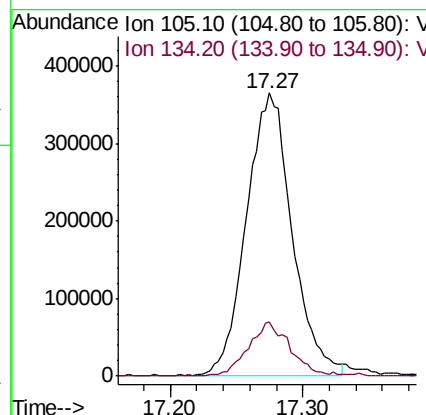
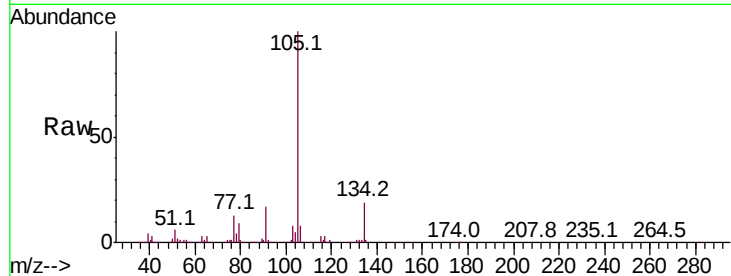
#67
 sec-Butylbenzene
 Concen: 0.984 ppbv
 RT: 17.27 min Scan# 4506
 Delta R.T. 0.00 min
 Lab File: VL037610.D
 Acq: 16 Sep 2021 8:47

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
105	100		
134	18.1	15.7	23.5

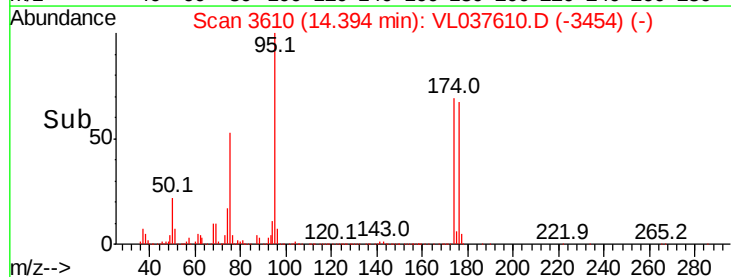
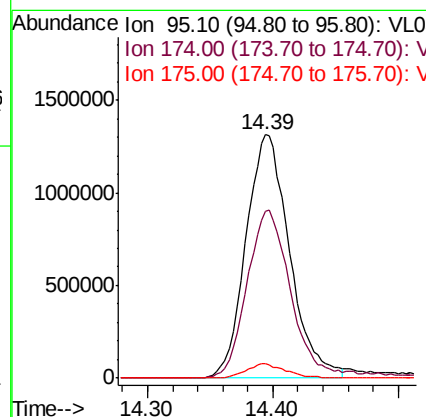
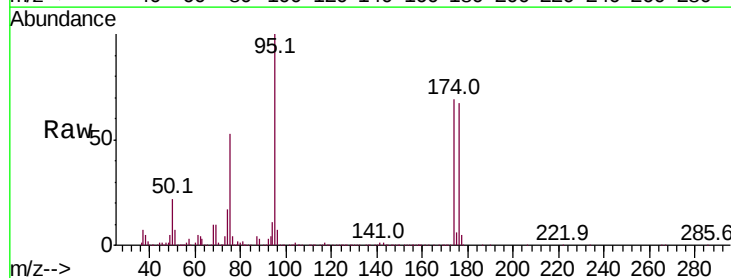
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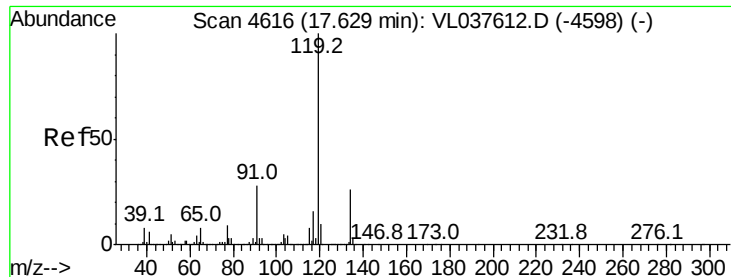
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#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.161 ppbv
 RT: 14.39 min Scan# 3610
 Delta R.T. 0.00 min
 Lab File: VL037610.D
 Acq: 16 Sep 2021 8:47

Tgt Ion	Ratio	Lower	Upper
95	100		
174	73.2	56.3	84.5
175	5.4	4.4	6.6





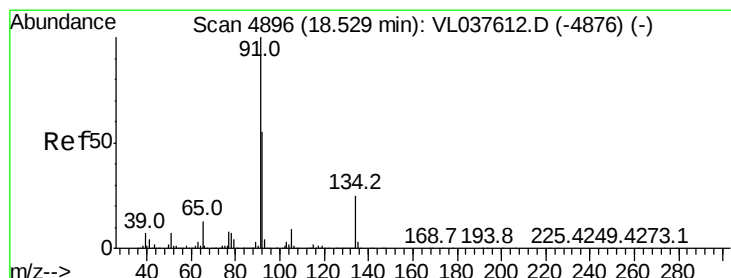
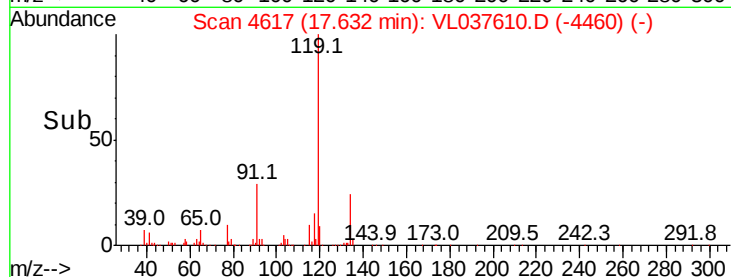
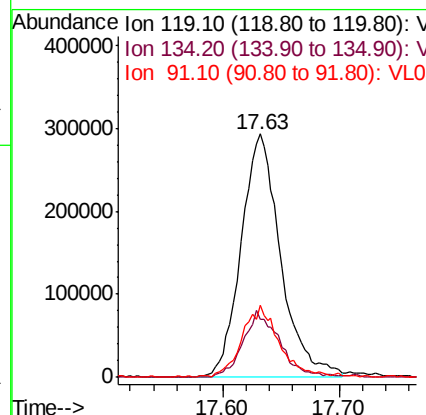
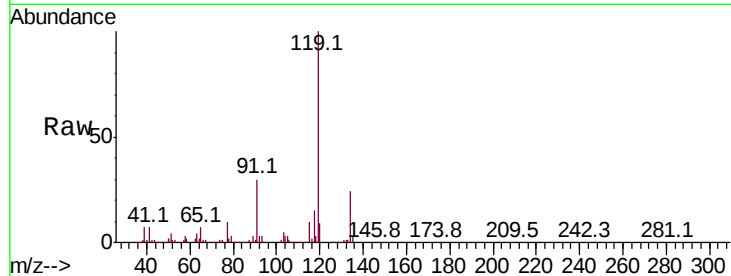
#69
p-Isopropyltoluene
Concen: 0.963 ppbv
RT: 17.63 min Scan# 4617
Delta R.T. 0.00 min
Lab File: VL037610.D
Acq: 16 Sep 2021 8:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Resp	Lower	Upper
119	100	695050		
134	25.7	21.2	31.8	
91	28.6	22.2	33.2	

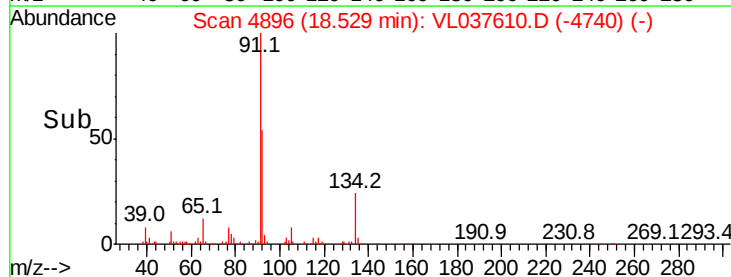
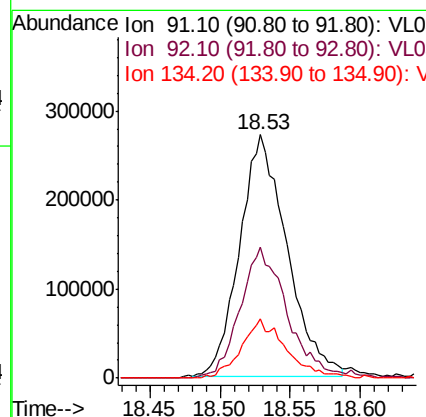
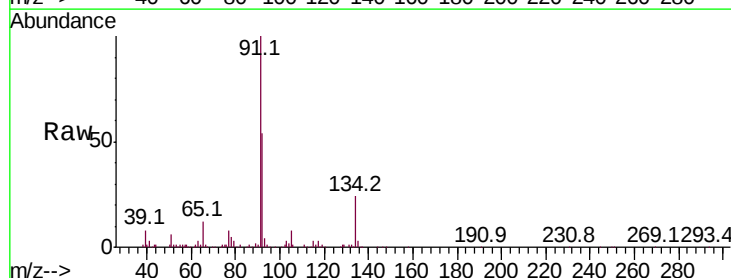
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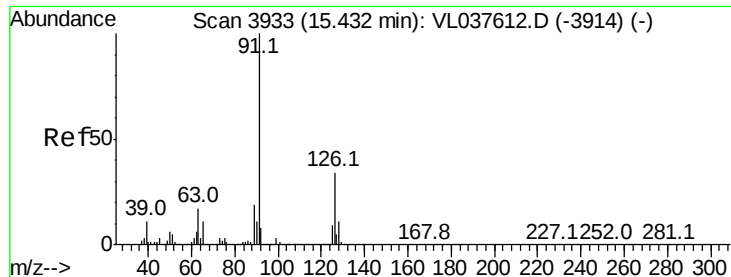
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#70
n-Butylbenzene
Concen: 0.922 ppbv
RT: 18.53 min Scan# 4896
Delta R.T. 0.00 min
Lab File: VL037610.D
Acq: 16 Sep 2021 8:47

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	636348		
92	54.8	44.0	66.0	
134	23.6	19.5	29.3	





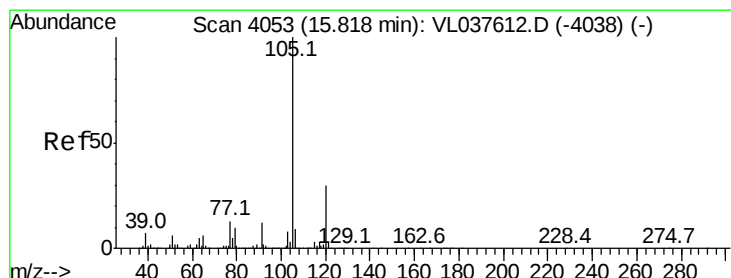
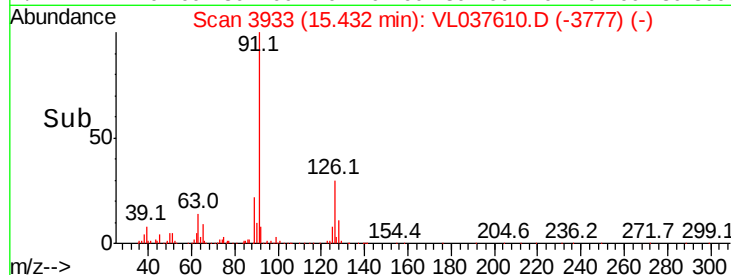
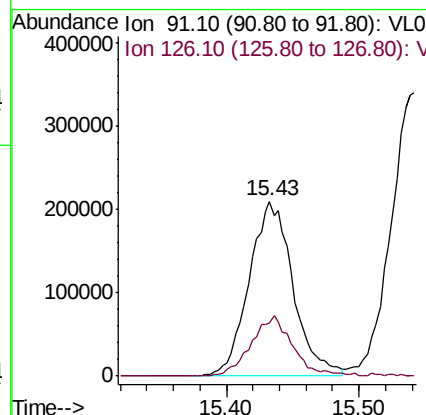
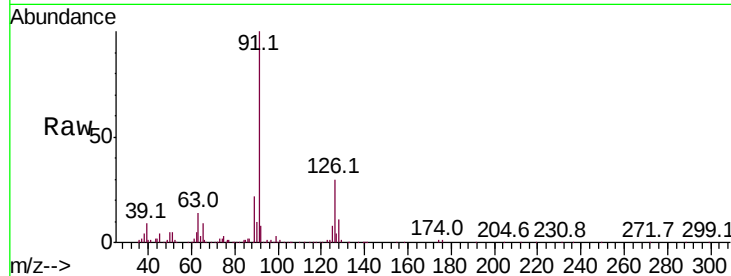
#71
2-Chlorotoluene
Concen: 0.940 ppbv
RT: 15.43 min Scan# 3933
Delta R.T. 0.00 min
Lab File: VL037610.D
Acq: 16 Sep 2021 8:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tot Ion: 91 Resp: 480107
Ion Ratio Lower Upper
91 100
126 33.2 13.2 52.8

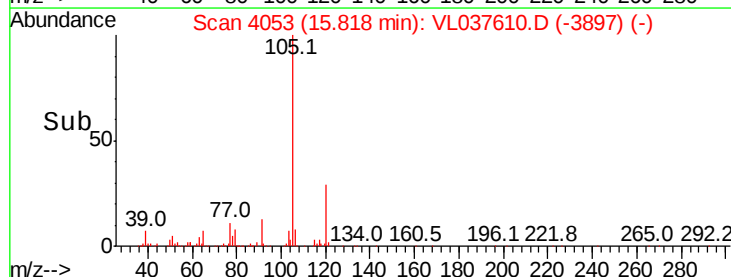
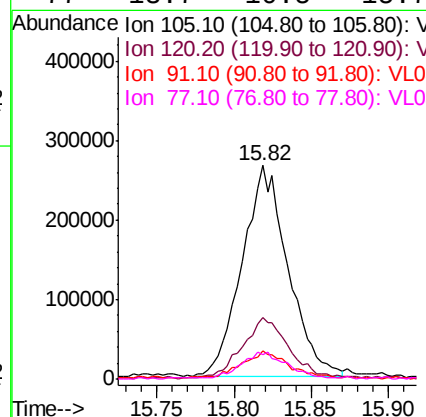
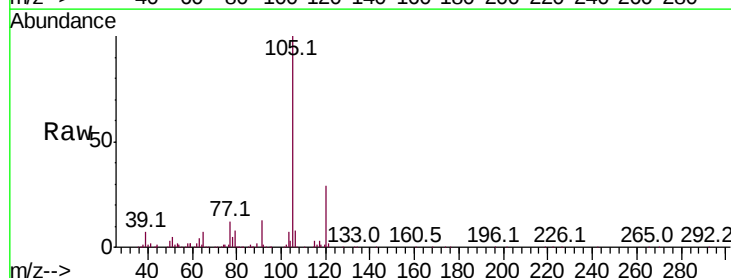
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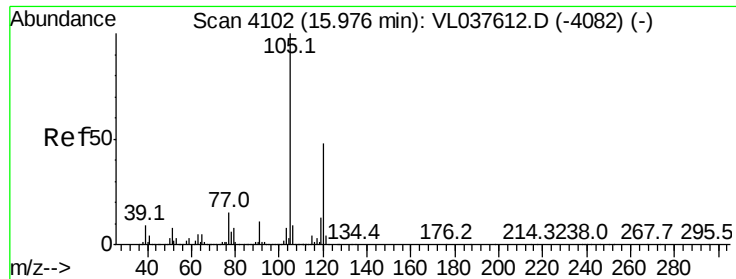
MMDadoda
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#72
4-Ethyltoluene
Concen: 0.931 ppbv
RT: 15.82 min Scan# 4053
Delta R.T. 0.00 min
Lab File: VL037610.D
Acq: 16 Sep 2021 8:47

Tgt Ion: 105 Resp: 546471
Ion Ratio Lower Upper
105 100
120 31.0 24.7 37.1
91 14.2 9.9 14.9
77 13.7 10.5 15.7





#73

1,3,5-Trimethylbenzene

Concen: 0.956 ppbv m

RT: 15.97 min Scan# 4101

Delta R.T. -0.00 min

Lab File: VL037610.D

Acq: 16 Sep 2021 8:47

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tot Ion:105 Resp: 522197

Ion Ratio Lower Upper

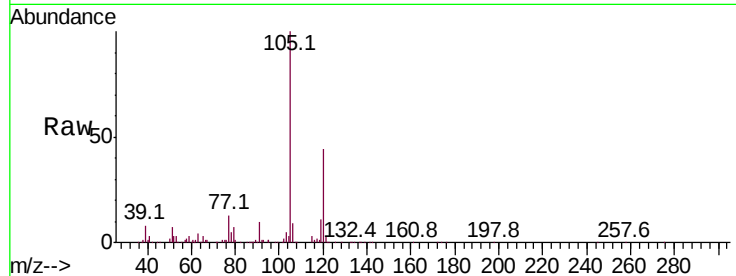
105 100

120 43.6 38.3 57.5

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Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

15.97

250000

200000

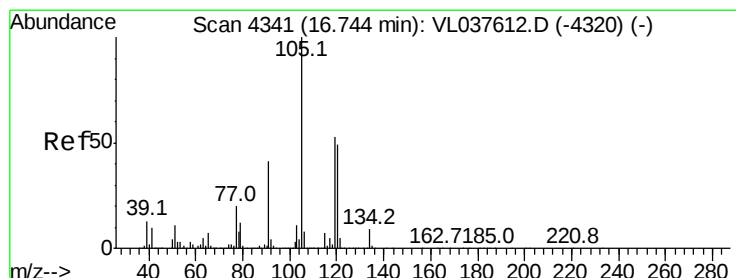
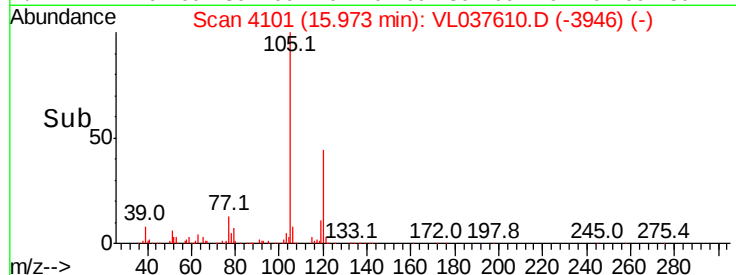
150000

100000

50000

0

Time-->



#74

1,2,4-Trimethylbenzene

Concen: 0.967 ppbv

RT: 16.74 min Scan# 4340

Delta R.T. -0.00 min

Lab File: VL037610.D

Acq: 16 Sep 2021 8:47

Tgt Ion:105 Resp: 561461

Ion Ratio Lower Upper

105 100

120 47.5 39.4 59.0

91 49.9 33.3 49.9

77 22.8 15.7 23.5

Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

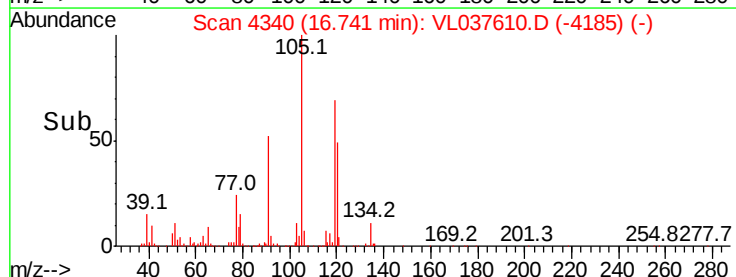
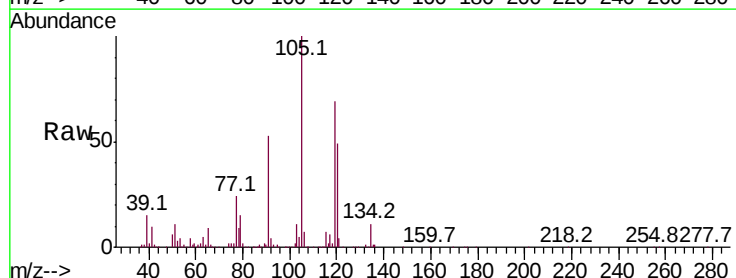
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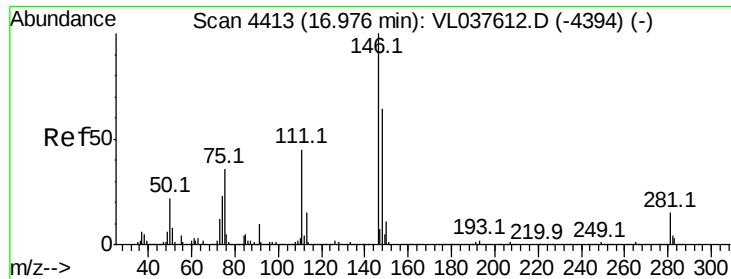
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100000

0

Time-->





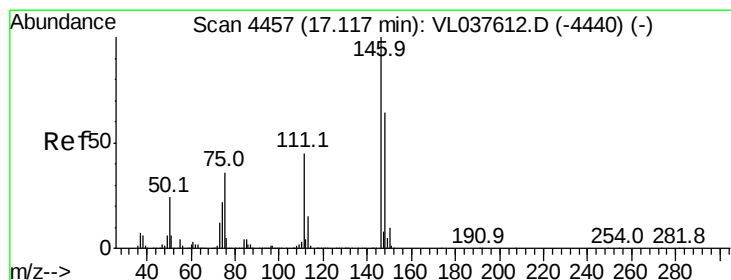
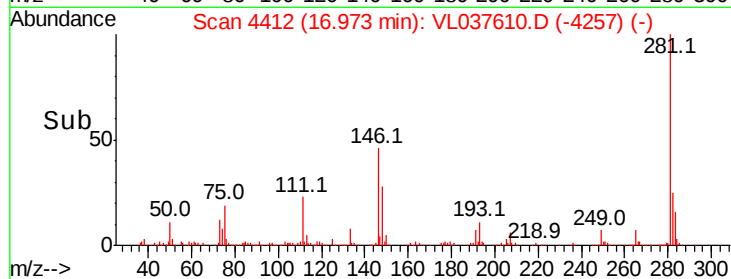
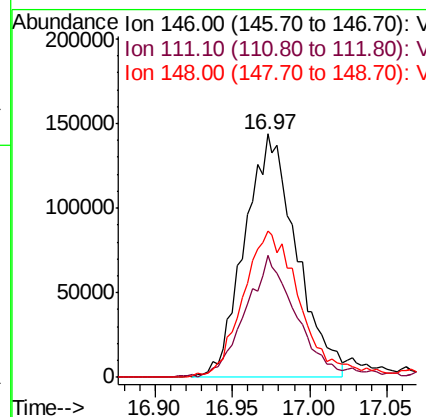
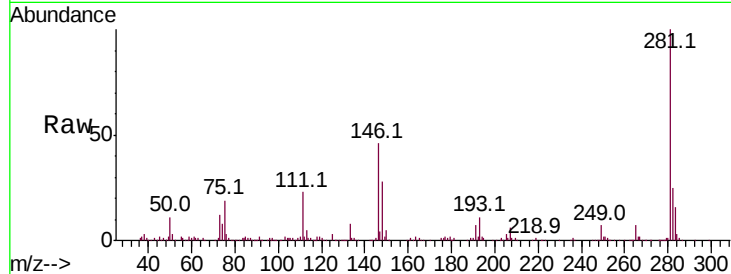
#75
 1,3-Dichlorobenzene
 Concen: 0.957 ppbv
 RT: 16.97 min Scan# 4412
 Delta R.T. -0.00 min
 Lab File: VL037610.D
 Acq: 16 Sep 2021 8:47

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Resp Lower	Upper
146	100		
111	50.6	22.8	68.3
148	66.7	32.1	96.5

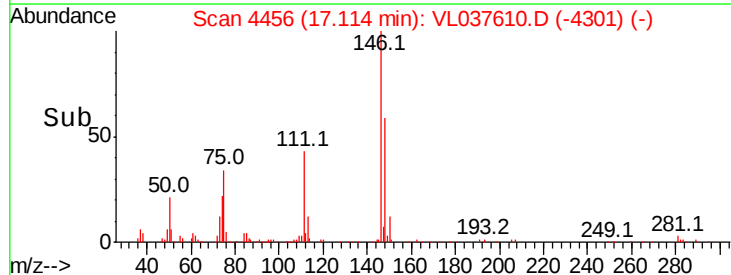
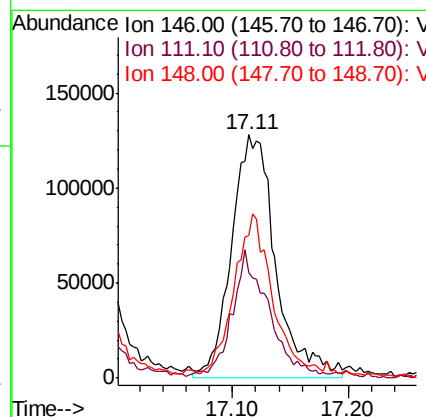
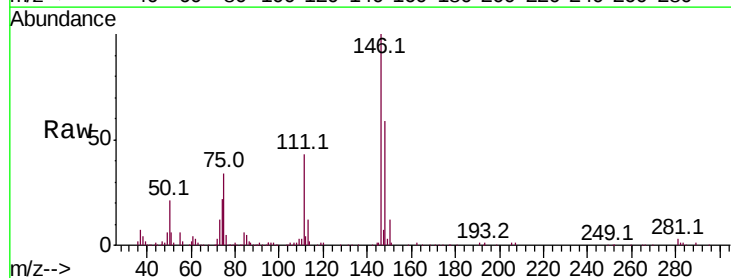
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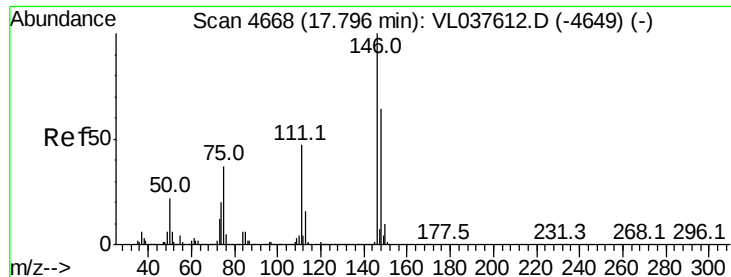
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#76
 1,4-Dichlorobenzene
 Concen: 0.962 ppbv m
 RT: 17.11 min Scan# 4456
 Delta R.T. -0.00 min
 Lab File: VL037610.D
 Acq: 16 Sep 2021 8:47

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
111	44.2	22.5	67.5
148	0.0	32.9	98.6#





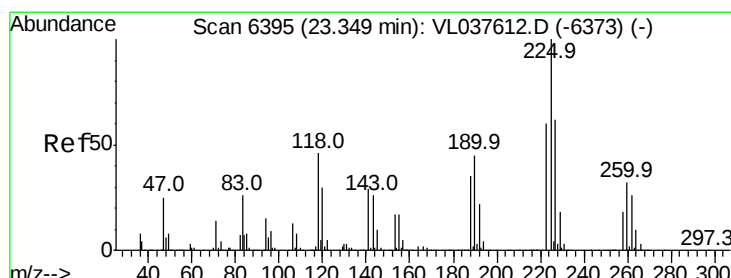
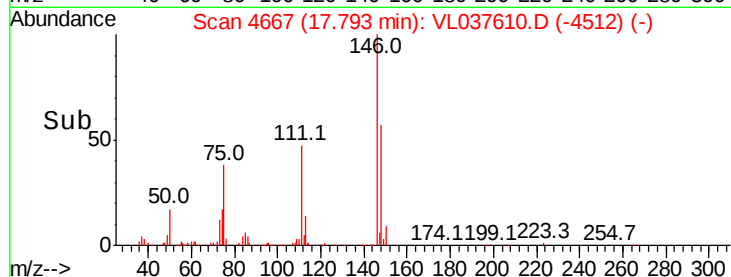
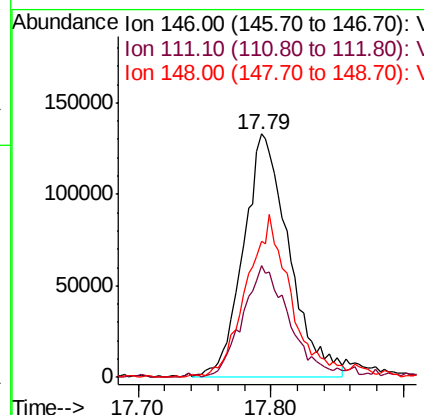
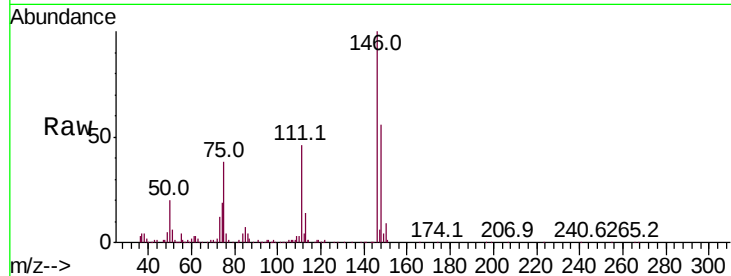
#77
 1,2-Dichlorobenzene
 Concen: 0.918 ppbv
 RT: 17.79 min Scan# 4667
 Delta R.T. -0.00 min
 Lab File: VL037610.D
 Acq: 16 Sep 2021 8:47

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	49.9	24.0	72.0	
148	68.2	32.8	98.3	

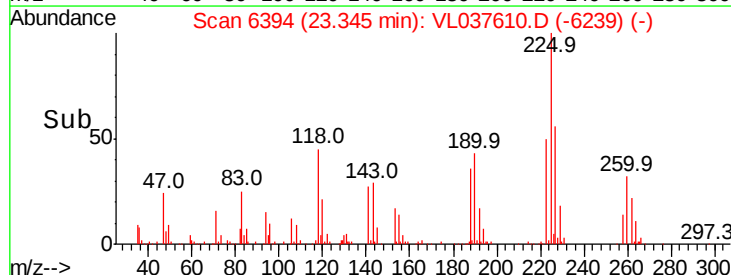
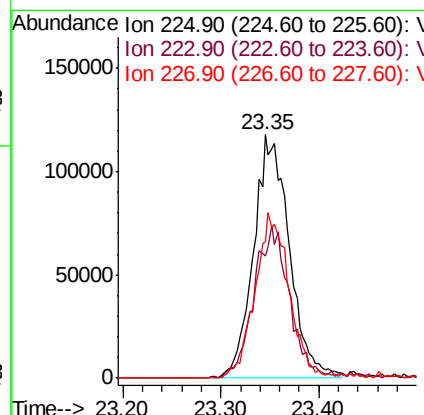
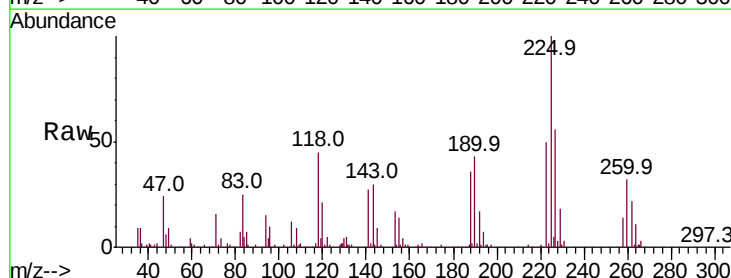
Manual Integrations
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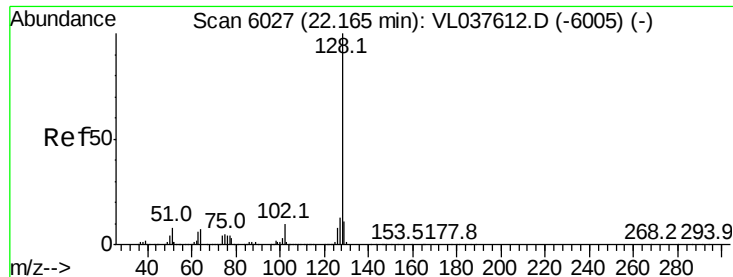
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#78
 Hexachloro-1,3-Butadiene
 Concen: 1.044 ppbv
 RT: 23.35 min Scan# 6394
 Delta R.T. -0.00 min
 Lab File: VL037610.D
 Acq: 16 Sep 2021 8:47

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	0.0	51.1	76.7#	
227	64.6	52.2	78.4	





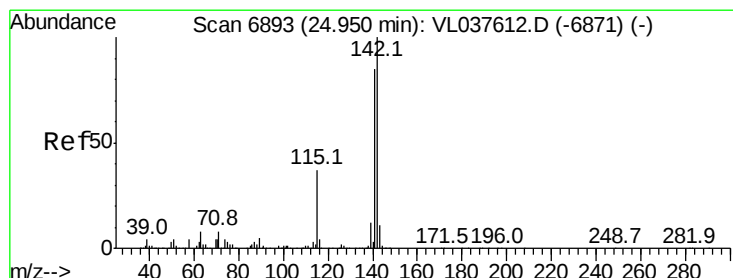
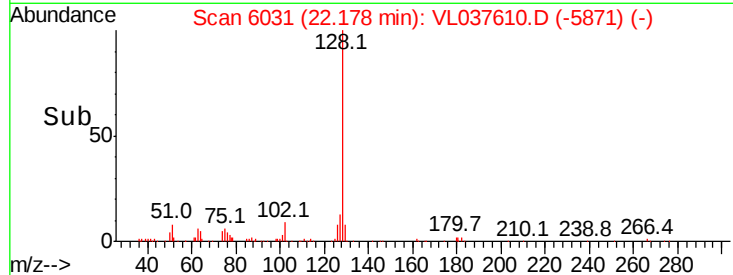
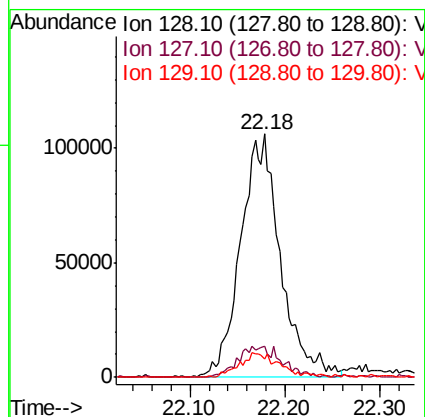
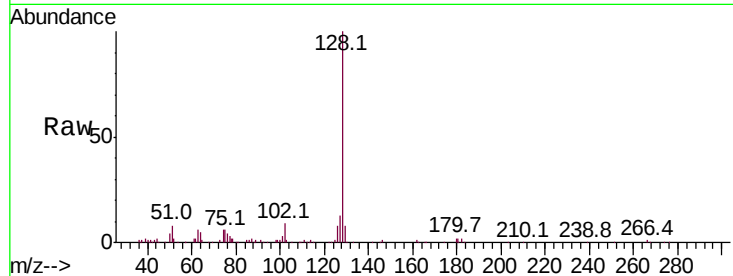
#79
Naphthalene
Concen: 0.791 ppbv m
RT: 22.18 min Scan# 6031
Delta R.T. 0.01 min
Lab File: VL037610.D
Acq: 16 Sep 2021 8:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tot Ion:	128	Resp:	307436
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.6	16.0
129	7.8	8.6	12.8#

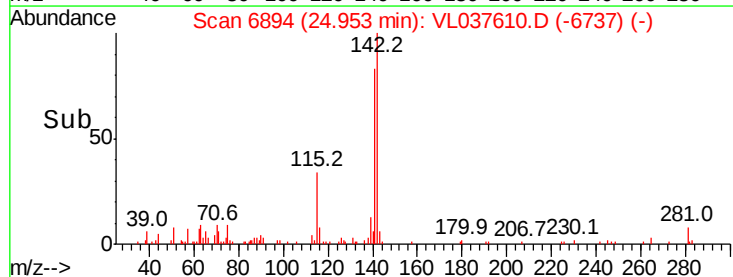
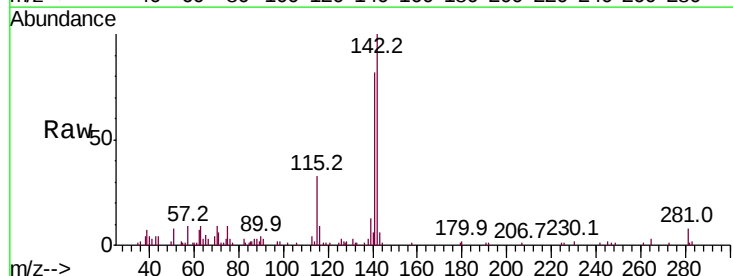
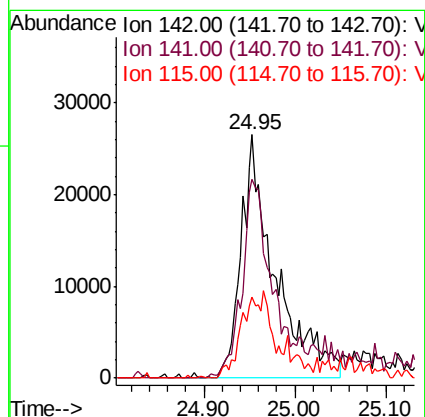
Manual Integrations
APPROVED

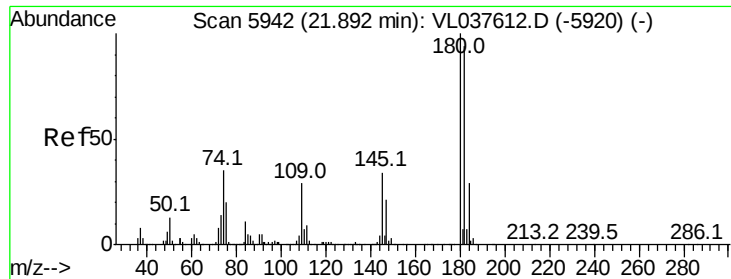
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9/20/2021 5:26:23 PM



#80
Naphthalene, 2-methyl-
Concen: 0.635 ppbv
RT: 24.95 min Scan# 6894
Delta R.T. 0.00 min
Lab File: VL037610.D
Acq: 16 Sep 2021 8:47

Tgt Ion:	142	Resp:	68758
Ion Ratio	Lower	Upper	
142	100		
141	73.4	70.9	106.3
115	36.7	29.6	44.4





#81
 1,2,4-Trichlorobenzene
 Concen: 0.882 ppbv m
 RT: 21.90 min Scan# 5944
 Delta R.T. 0.01 min
 Lab File: VL037610.D
 Acq: 16 Sep 2021 8:47

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

Tot Ion:	180	Resp:	215095
Ion Ratio	Lower	Upper	
180	100		
182	0.0	78.9	118.3#
184	0.0	24.7	37.1#

Manual Integrations
 APPROVED

MMDadoda
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