

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL052819\
 Data File : VL033820.D
 Acq On : 29 May 2019 2:32
 Operator : SY/AP
 Sample : K2960-03
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 BPS1-SG-3011-25

Manual Integrations
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Quant Time: May 29 06:49:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051719AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri May 1
 QLast Update : Fri May 17 08:15:41 2019
 Response via : Initial Calibration

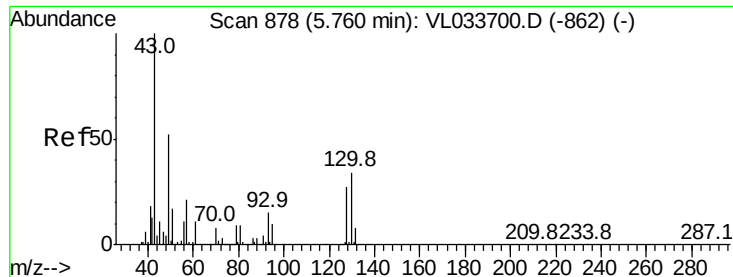
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	868706	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2404899	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	2218279	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.57	95	1896105	10.54	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.07	85	37889	0.207	ppbv	98
3) Chlorodifluoromethane	3.01	51	23893m	0.240	ppbv	
4) Chloromethane	3.17	50	21475	0.377	ppbv	95
9) Propene	3.03	41	2124931	50.206	ppbv	92
10) Heptane	8.24	43	252272	2.105	ppbv	99
11) Trichlorofluoromethane	4.00	101	43520	0.249	ppbv	95
12) 1,1,2-Trichlorotrifluoroet	4.55	101	23019m	0.189	ppbv	
13) Ethanol	3.65	45	239739	17.525	ppbv	98
15) Acetone	3.89	43	14198071	117.799	ppbv #	79
17) tert-Butyl alcohol	4.36	59	254952	2.616	ppbv	97
20) Methylene Chloride	4.41	84	67599	1.457	ppbv	95
26) Hexane	5.78	57	278197	3.056	ppbv #	37
27) Carbon Disulfide	4.62	76	292925	2.346	ppbv	97
29) Chloroform	5.85	83	69178	0.413	ppbv	97
30) Cyclohexane	7.25	84	30839m	0.403	ppbv	
32) 1,1,1-Trichloroethane	6.62	97	5488m	0.033	ppbv	
34) 2-Butanone	5.32	43	1904895	12.779	ppbv	98
35) Carbon Tetrachloride	7.14	117	11494m	0.060	ppbv	
36) Benzene	7.00	78	285237	1.304	ppbv	97
38) Trichloroethene	7.96	130	8165m	0.101	ppbv	
41) Tetrahydrofuran	6.15	42	21682m	0.260	ppbv	
44) 2,2,4-Trimethylpentane	7.99	57	110530m	0.299	ppbv	
50) 4-Methyl-2-Pentanone	8.87	43	107684	0.470	ppbv	97
51) 2-Hexanone	10.26	43	249454	1.394	ppbv #	98
52) Tetrachloroethene	11.37	164	13659m	0.178	ppbv	
53) Toluene	9.94	91	2630047	11.146	ppbv	100
58) Ethyl Benzene	12.86	91	582627	1.983	ppbv	97
59) m/p-Xylene	13.11	91	1904006	7.415	ppbv	97
60) o-Xylene	13.84	91	691382	2.671	ppbv	99
61) Styrene	13.69	104	30892m	0.177	ppbv	
62) Isopropylbenzene	14.82	105	52241	0.150	ppbv	100
64) n-propylbenzene	15.71	120	55825	0.619	ppbv	98
70) n-Butylbenzene	18.74	91	211408m	0.535	ppbv	
72) 4-Ethyltoluene	16.00	105	296326	1.001	ppbv	98
73) 1,3,5-Trimethylbenzene	16.15	105	219480	0.760	ppbv	97
74) 1,2,4-Trimethylbenzene	16.92	105	838143	2.667	ppbv #	74
75) 1,3-Dichlorobenzene	17.17	146	53250m	0.277	ppbv	
79) Naphthalene	22.42	128	97166m	0.333	ppbv	

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.77 min Scan# 880

Delta R.T. 0.01 min

Lab File: VL033820.D

Acq: 29 May 2019 2:32

Instrument :

MSVOA_L

ClientSampleId :

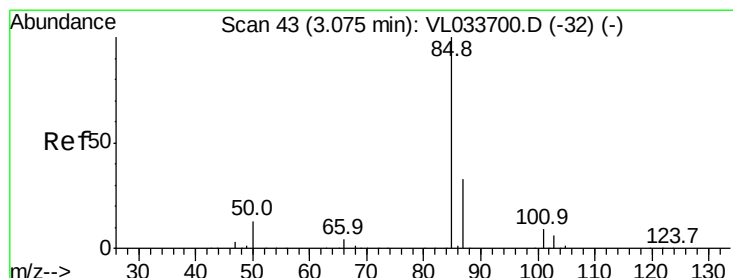
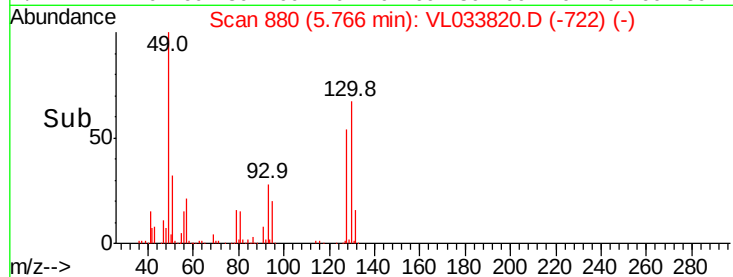
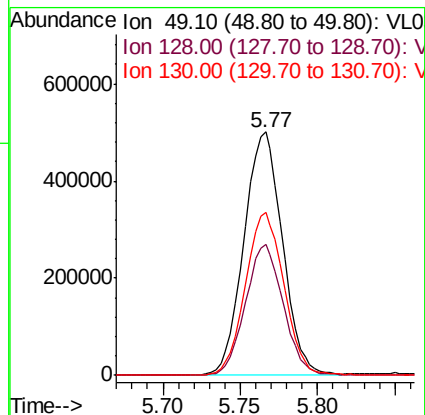
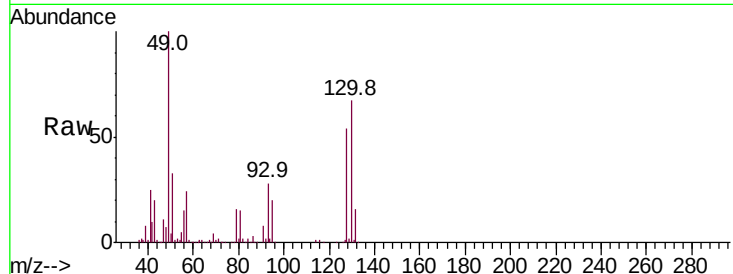
BPS1-SG-3011-25

Tot Ion:	49	Resp:	868706
Ion Ratio	Lower	Upper	
49	100		
128	52.8	25.2	75.6
130	67.2	32.5	97.5

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#2

Dichlorodifluoromethane

Concen: 0.207 ppbv

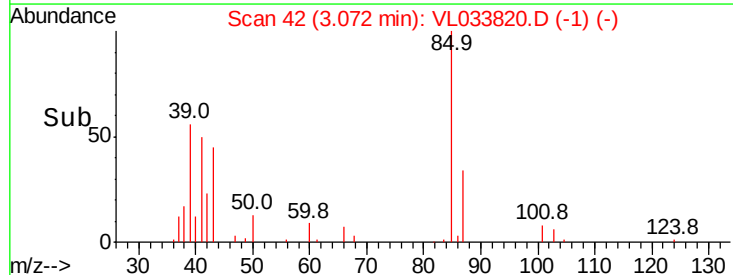
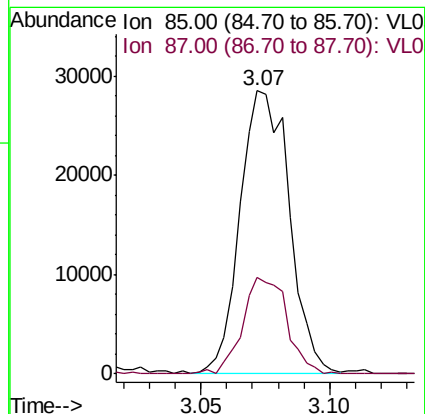
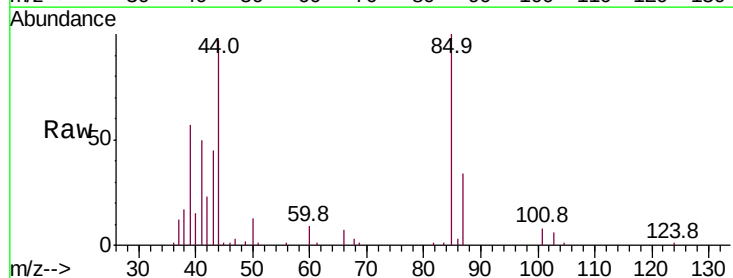
RT: 3.07 min Scan# 42

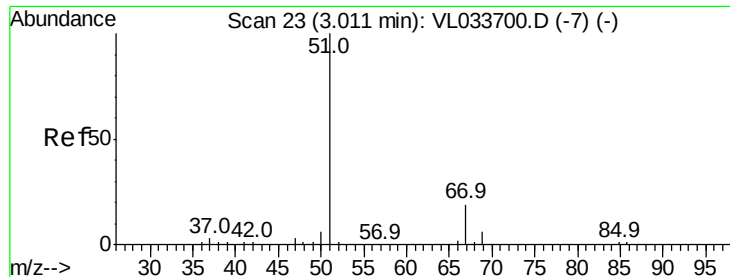
Delta R.T. -0.00 min

Lab File: VL033820.D

Acq: 29 May 2019 2:32

Tgt Ion:	85	Resp:	37889
Ion Ratio	Lower	Upper	
85	100		
87	34.2	26.3	39.5





#3

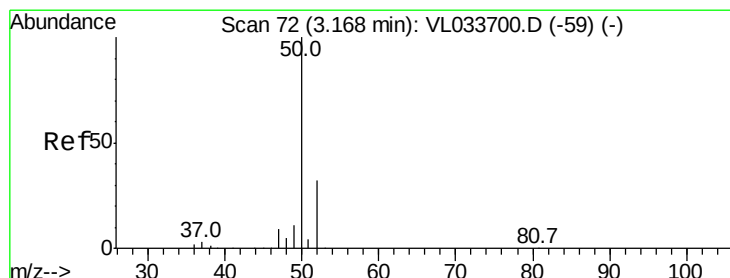
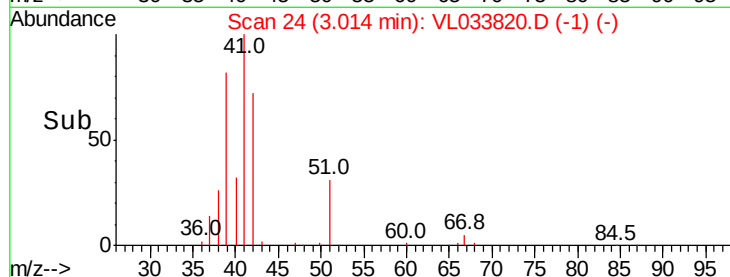
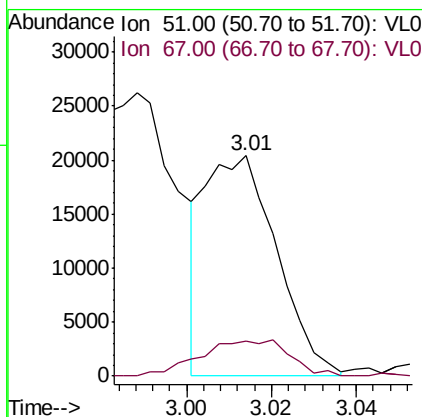
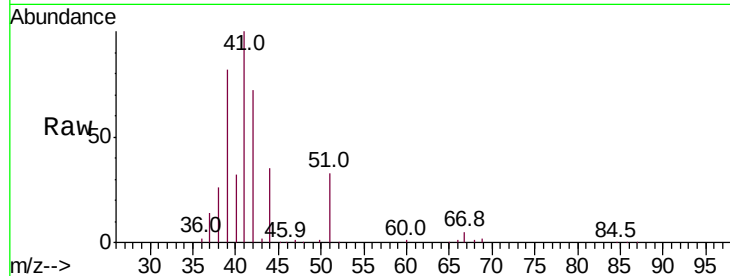
Chlorodifluoromethane
Concen: 0.240 ppbv
RT: 3.01 min Scan# 24
Delta R.T. 0.00 min
Lab File: VL033820.D
Acq: 29 May 2019 2:32

Instrument :
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ClientSampleId :
BPS1-SG-3011-25

Tot Ion	Ratio	Lower	Upper
51	100		
67	20.7	15.6	23.4

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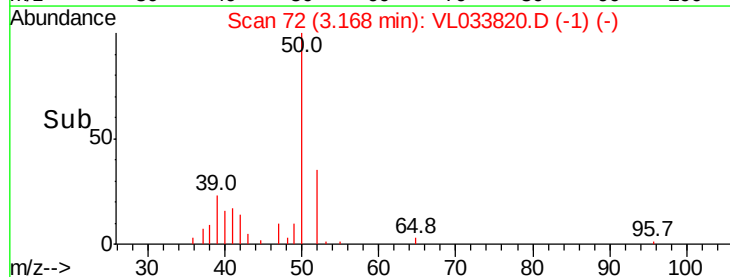
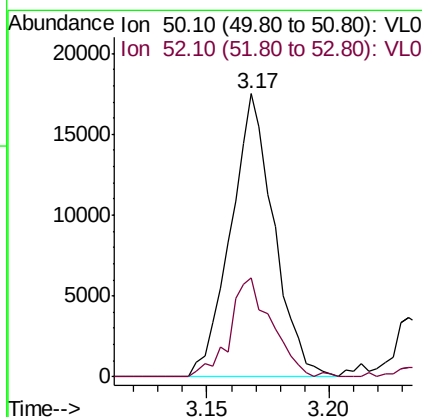
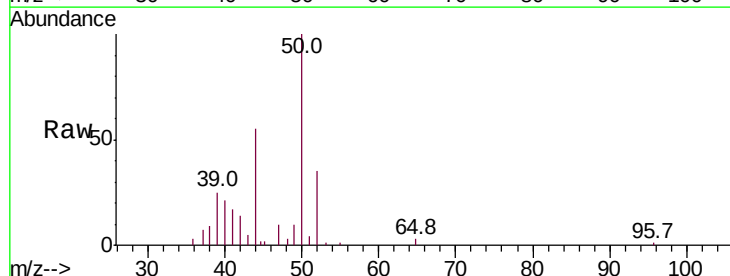
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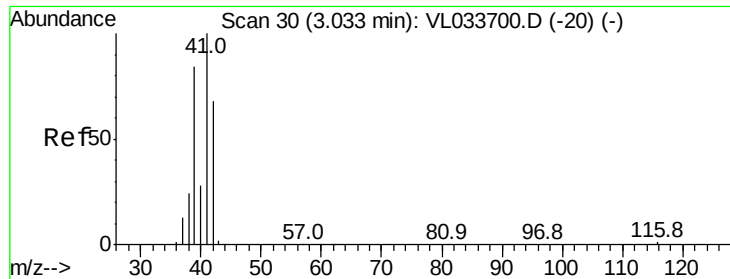


#4

Chloromethane
Concen: 0.377 ppbv
RT: 3.17 min Scan# 72
Delta R.T. 0.00 min
Lab File: VL033820.D
Acq: 29 May 2019 2:32

Tgt Ion	Ratio	Lower	Upper
50	100		
52	34.9	25.7	38.5





#9

Propene

Concen: 50.206 ppbv

RT: 3.03 min Scan# 30

Delta R.T. 0.00 min

Lab File: VL033820.D

Acq: 29 May 2019 2:32

Instrument :

MSVOA_L

ClientSampleId :

BPS1-SG-3011-25

Tot Ion: 41 Resp: 2124931

Ion Ratio Lower Upper

41 100

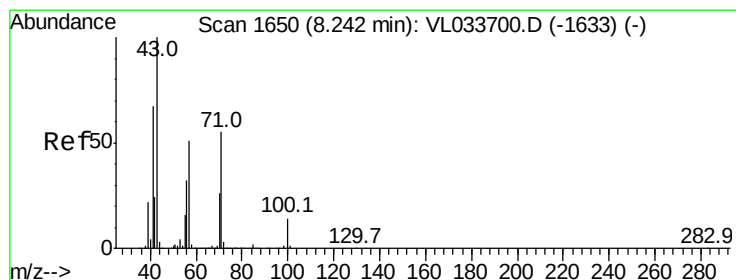
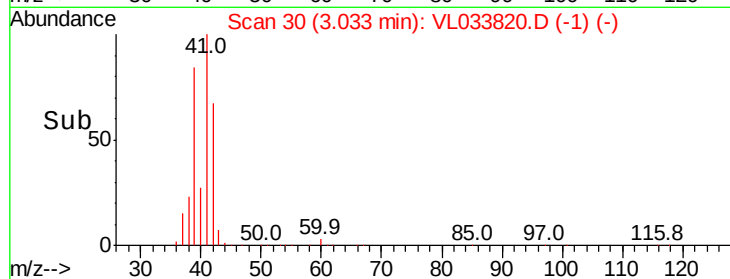
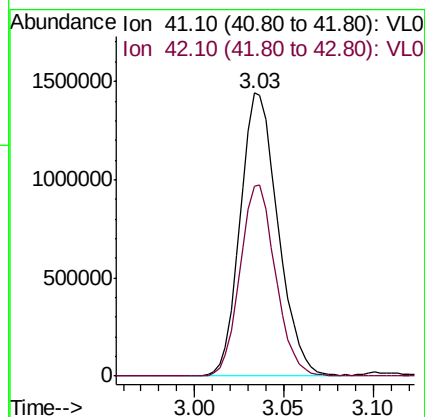
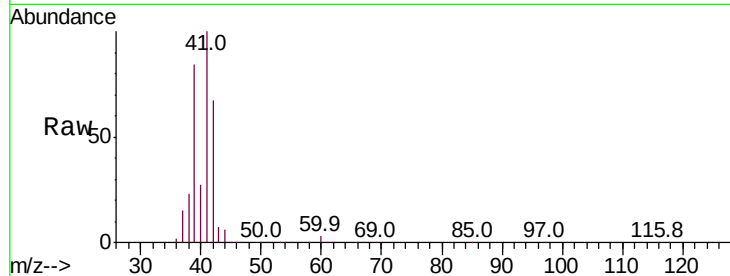
42 63.7 56.1 84.1

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#10

Heptane

Concen: 2.105 ppbv

RT: 8.24 min Scan# 1650

Delta R.T. 0.00 min

Lab File: VL033820.D

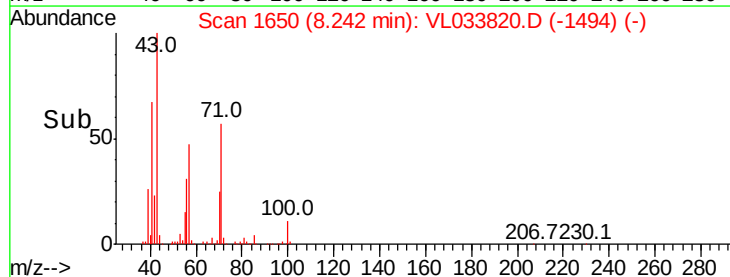
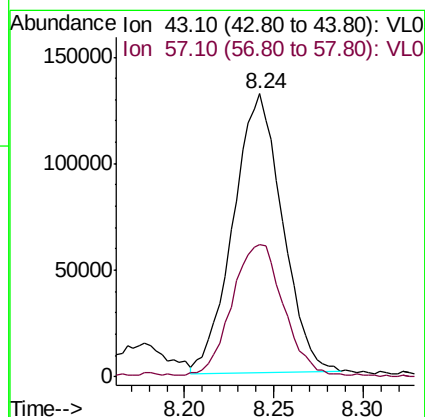
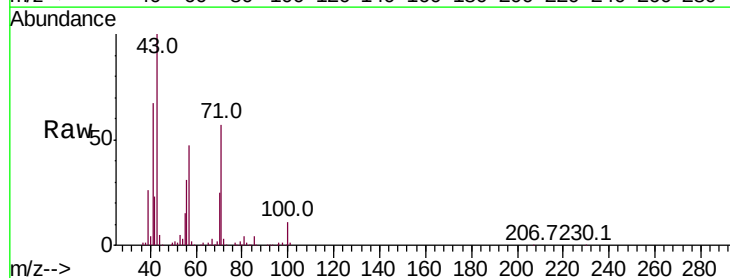
Acq: 29 May 2019 2:32

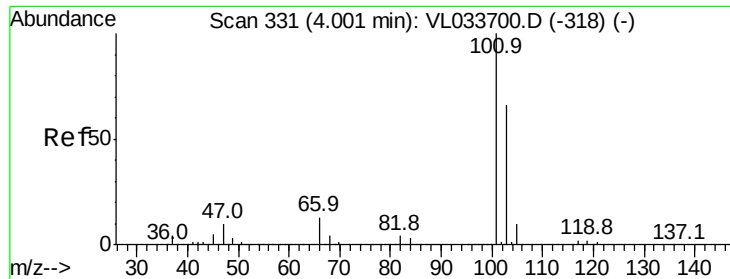
Tgt Ion: 43 Resp: 252272

Ion Ratio Lower Upper

43 100

57 50.9 41.4 62.0





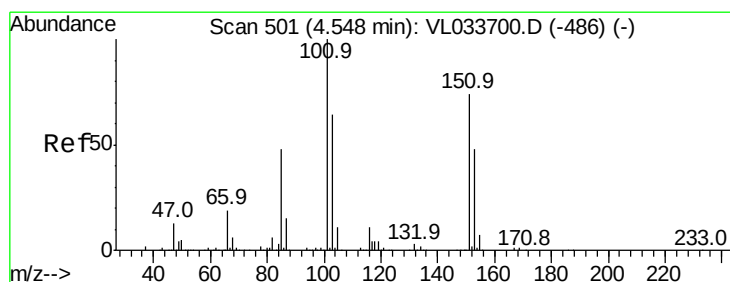
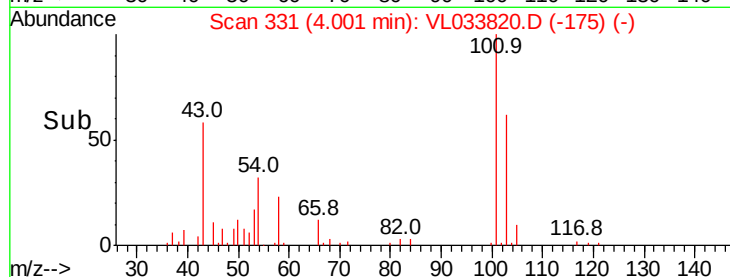
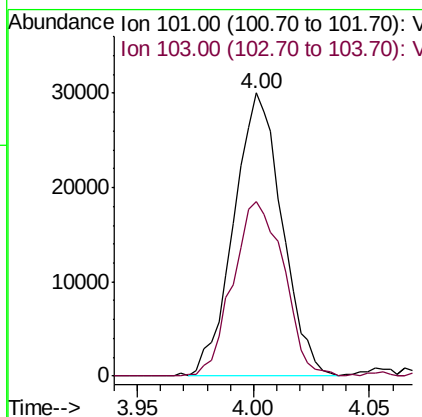
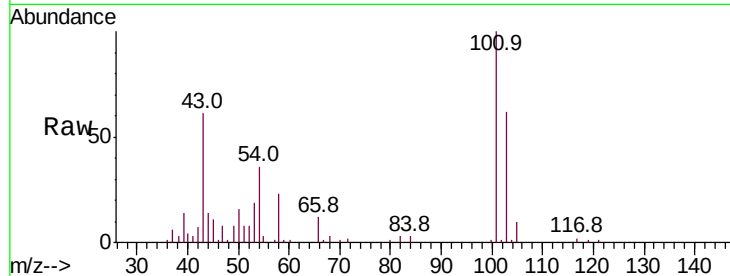
#11
 Trichlorofluoromethane
 Concen: 0.249 ppbv
 RT: 4.00 min Scan# 331
 Delta R.T. 0.00 min
 Lab File: VL033820.D
 Acq: 29 May 2019 2:32

Instrument :
 MSVOA_L
 ClientSampleId :
 BPS1-SG-3011-25

Tot Ion:101 Resp: 43520
 Ion Ratio Lower Upper
 101 100
 103 61.6 52.6 78.8

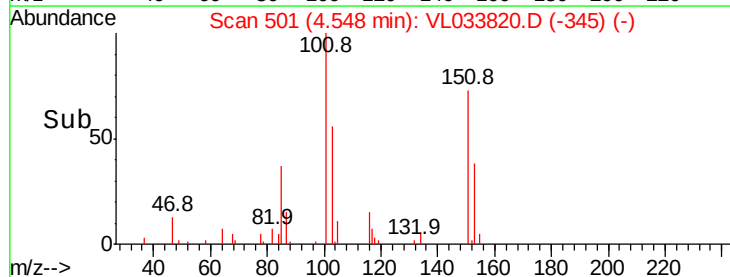
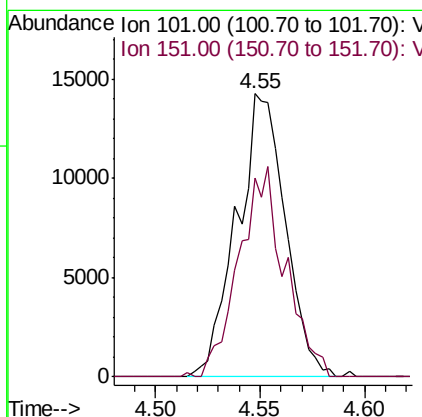
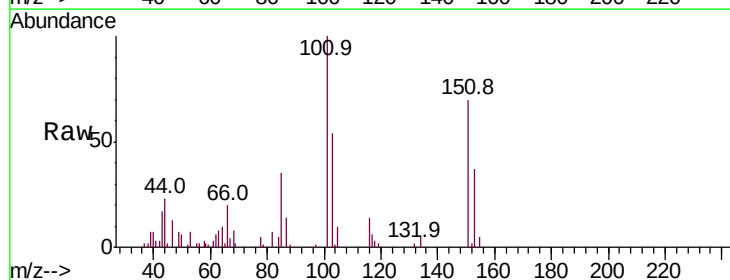
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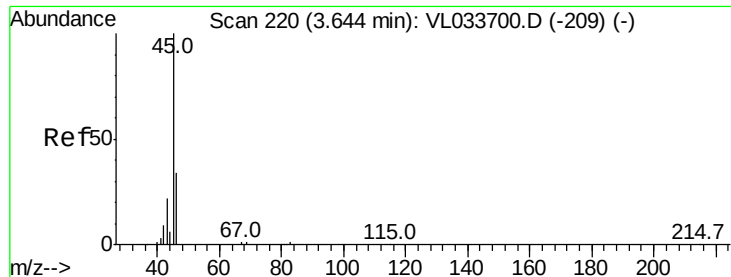
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#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.189 ppbv m
 RT: 4.55 min Scan# 501
 Delta R.T. 0.00 min
 Lab File: VL033820.D
 Acq: 29 May 2019 2:32

Tgt Ion:101 Resp: 23019
 Ion Ratio Lower Upper
 101 100
 151 70.4 58.2 87.4





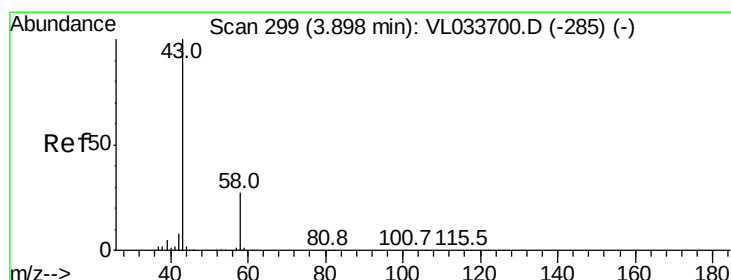
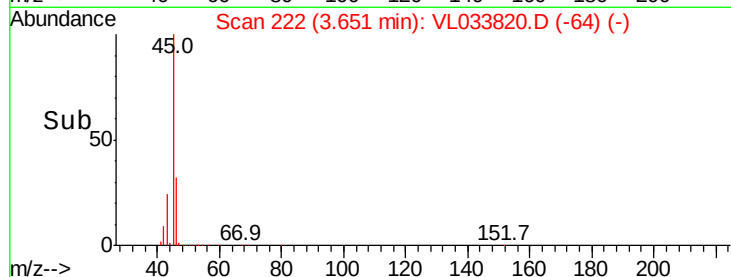
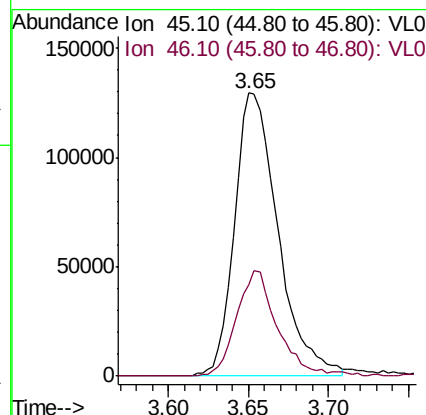
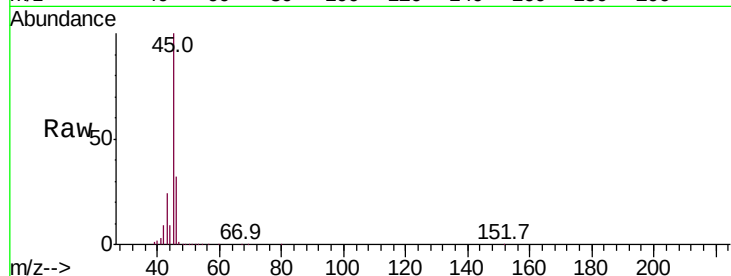
#13
Ethanol
Concen: 17.525 ppbv
RT: 3.65 min Scan# 222
Delta R.T. 0.01 min
Lab File: VL033820.D
Acq: 29 May 2019 2:32

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3011-25

Tot Ion	45	Resp	239739
Ion Ratio	100	Lower	Upper
45	100		
46	35.5	14.8	59.0

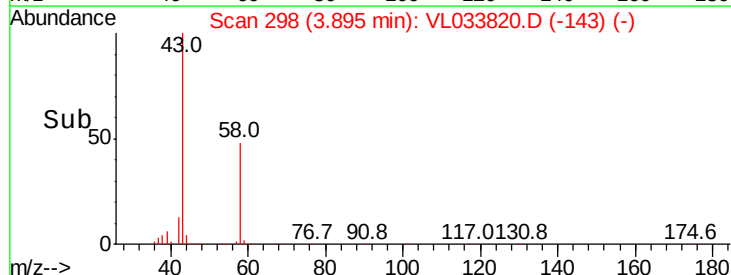
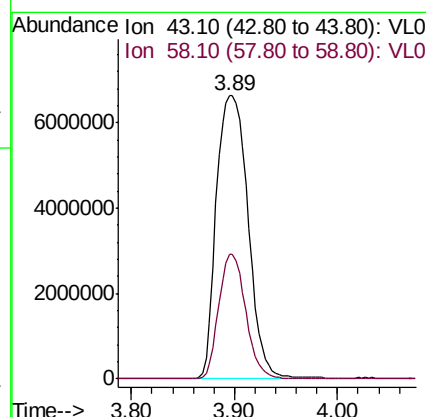
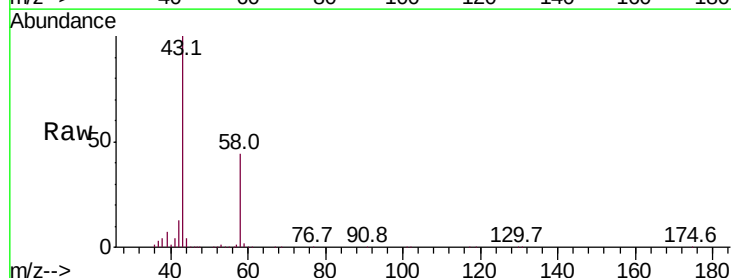
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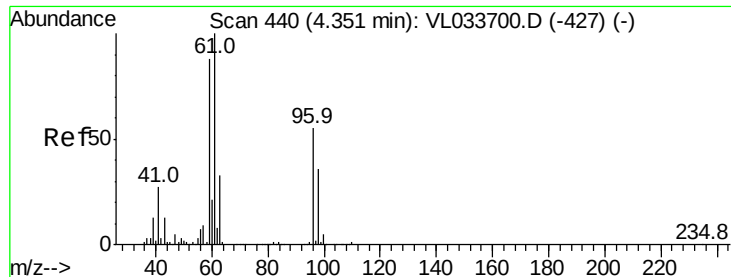
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#15
Acetone
Concen: 117.799 ppbv
RT: 3.89 min Scan# 298
Delta R.T. -0.00 min
Lab File: VL033820.D
Acq: 29 May 2019 2:32

Tgt Ion	43	Resp	14198071
Ion Ratio	100	Lower	Upper
43	100		
58	37.6	21.3	31.9#





#17

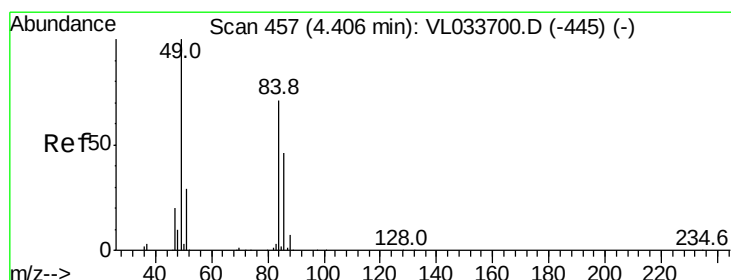
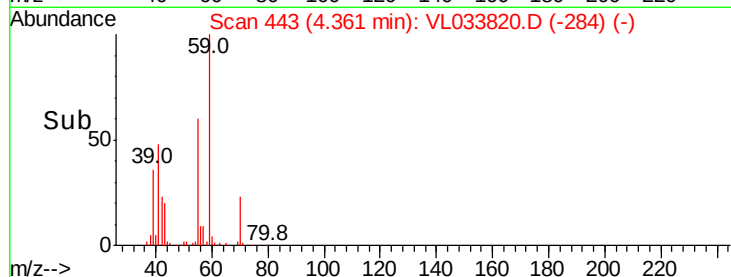
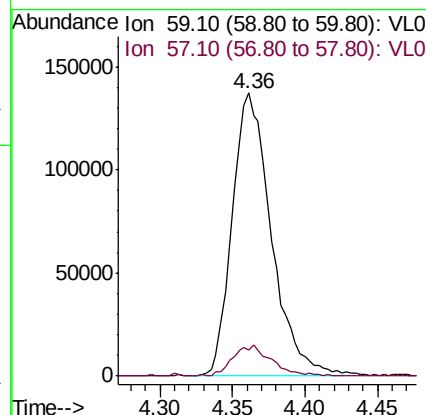
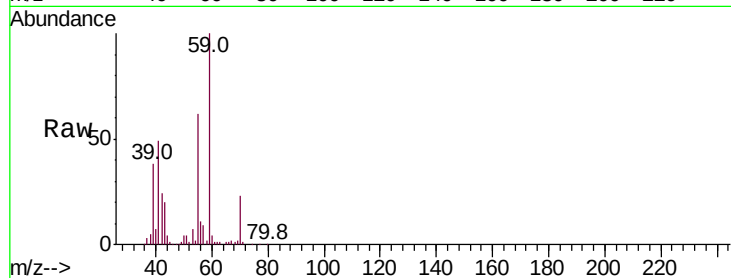
tert-Butyl alcohol
Concen: 2.616 ppbv
RT: 4.36 min Scan# 443
Delta R.T. 0.01 min
Lab File: VL033820.D
Acq: 29 May 2019 2:32

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3011-25

Tot Ion: 59 Resp: 254952
Ion Ratio Lower Upper
59 100
57 11.5 8.4 12.6

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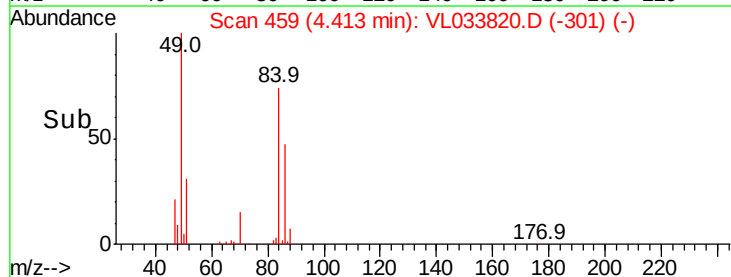
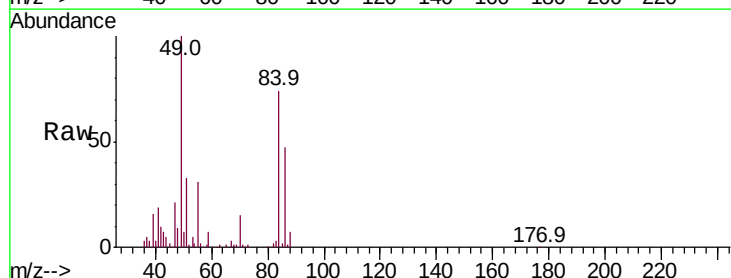
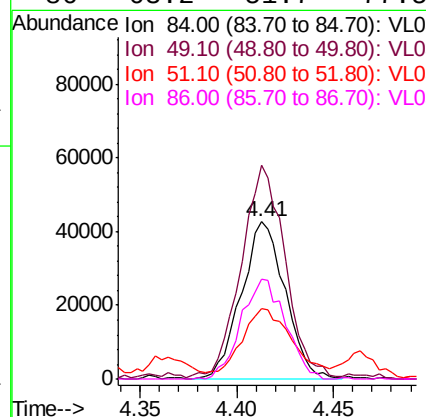
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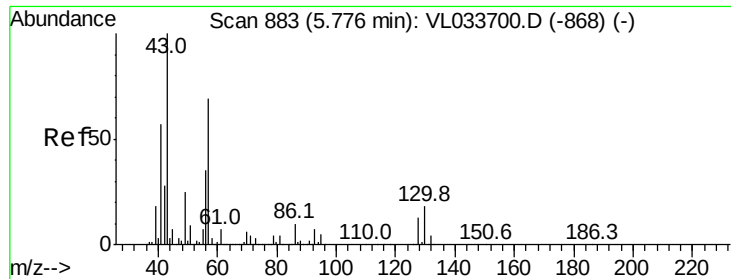


#20

Methylene Chloride
Concen: 1.457 ppbv
RT: 4.41 min Scan# 459
Delta R.T. 0.01 min
Lab File: VL033820.D
Acq: 29 May 2019 2:32

Tgt Ion: 84 Resp: 67599
Ion Ratio Lower Upper
84 100
49 134.2 112.8 169.2
51 37.6 33.4 50.0
86 63.2 51.7 77.5





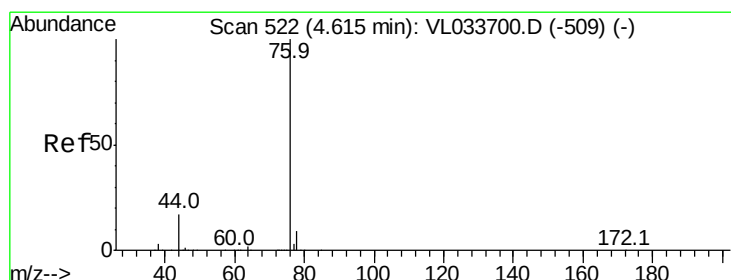
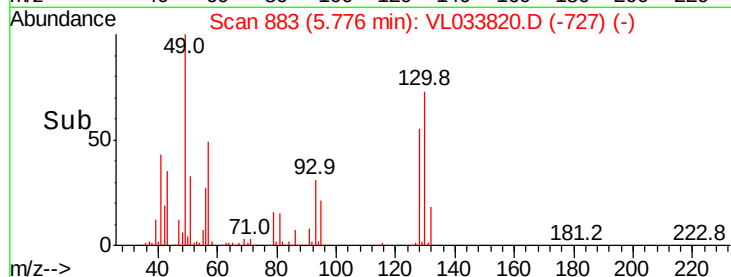
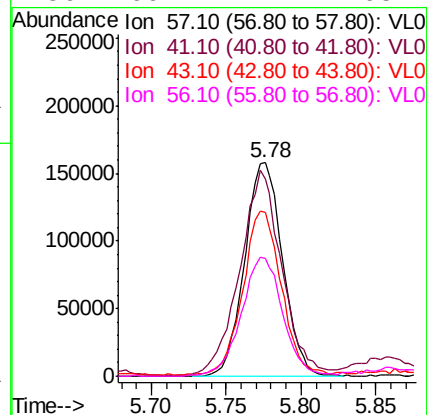
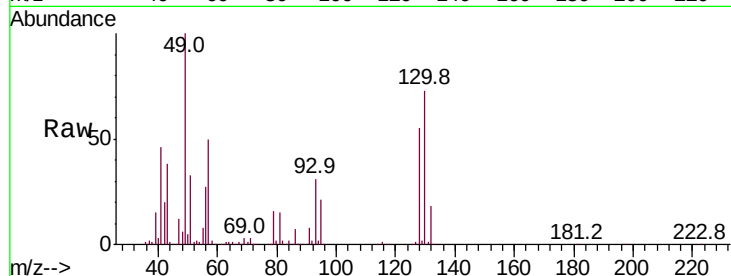
#26
Hexane
Concen: 3.056 ppbv
RT: 5.78 min Scan# 883
Delta R.T. 0.00 min
Lab File: VL033820.D
Acq: 29 May 2019 2:32

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3011-25

Tot Ion	Ratio	Lower	Upper
57	100		
41	107.0	69.8	104.6#
43	78.4	181.8	272.6#
56	60.7	42.1	63.1

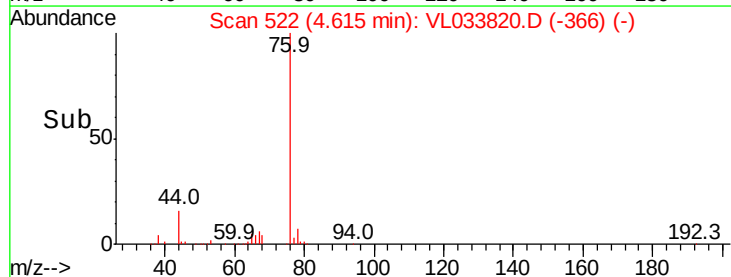
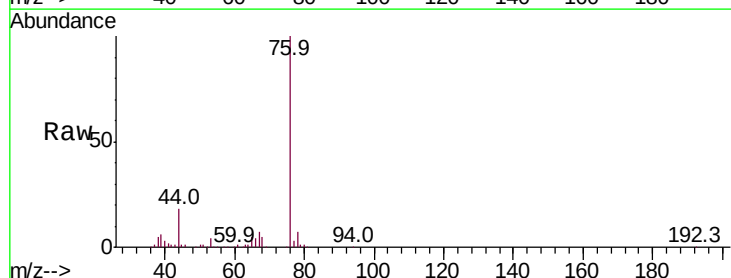
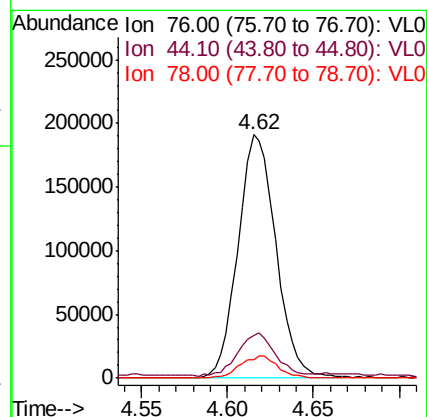
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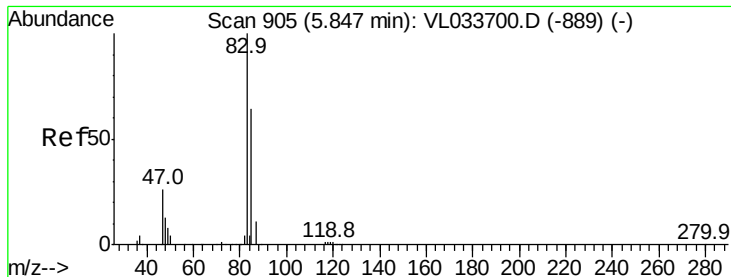
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#27
Carbon Disulfide
Concen: 2.346 ppbv
RT: 4.62 min Scan# 522
Delta R.T. 0.00 min
Lab File: VL033820.D
Acq: 29 May 2019 2:32

Tgt Ion	Ratio	Lower	Upper
76	100		
44	19.2	13.8	20.8
78	8.9	7.4	11.0





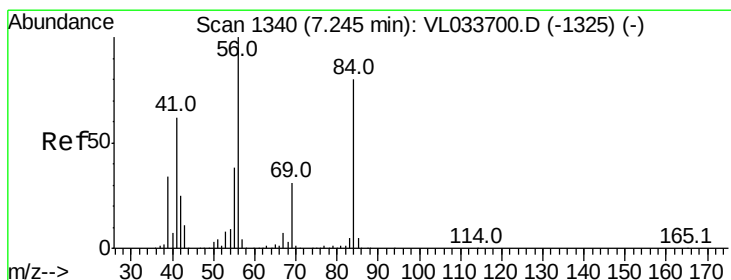
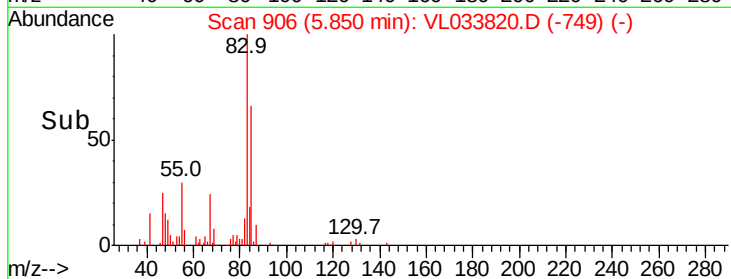
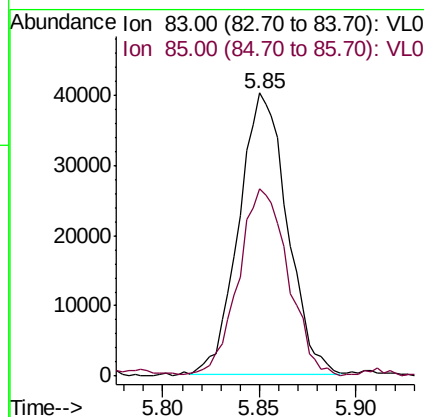
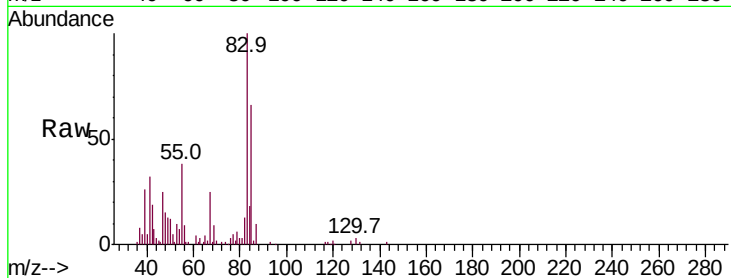
#29
Chloroform
Concen: 0.413 ppbv
RT: 5.85 min Scan# 906
Delta R.T. 0.00 min
Lab File: VL033820.D
Acq: 29 May 2019 2:32

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3011-25

Tot Ion	83	Resp	69178
Ion Ratio	100	Lower	Upper
85	66.8	51.5	77.3

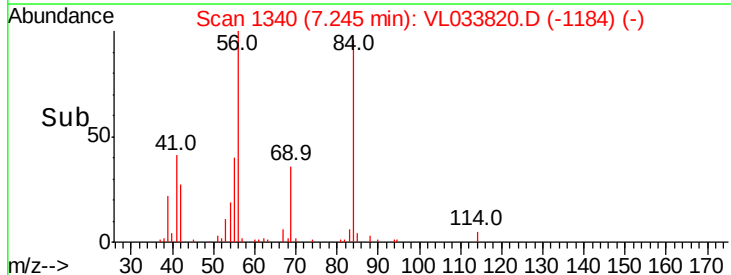
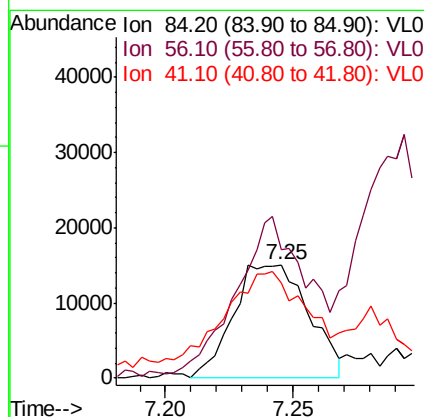
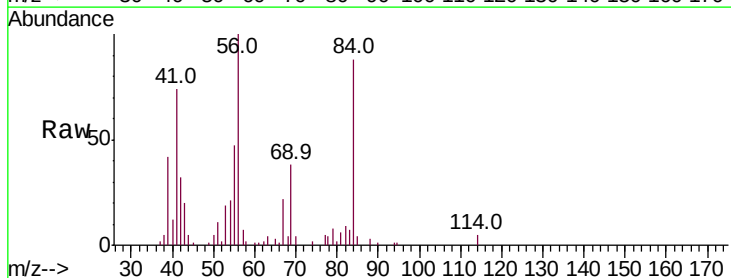
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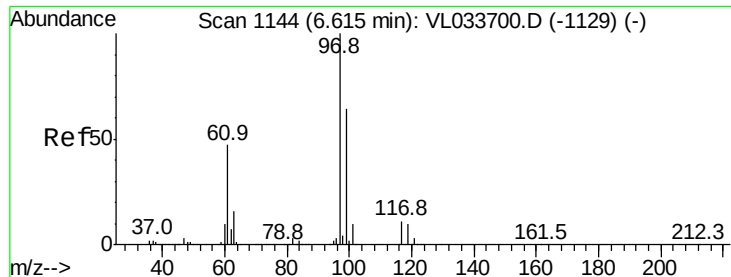
apatel
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#30
Cyclohexane
Concen: 0.403 ppbv m
RT: 7.25 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VL033820.D
Acq: 29 May 2019 2:32

Tgt Ion	84	Resp	30839
Ion Ratio	100	Lower	Upper
56	135.6	107.7	161.5
41	143.9	66.0	99.0#





#32

1,1,1-Trichloroethane

Concen: 0.033 ppbv m

RT: 6.62 min Scan# 1144

Delta R.T. 0.00 min

Lab File: VL033820.D

Acq: 29 May 2019 2:32

Instrument :

MSVOA_L

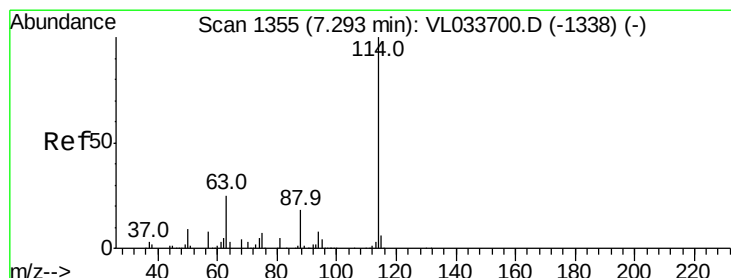
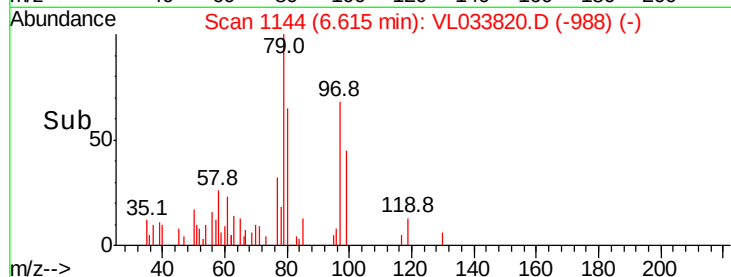
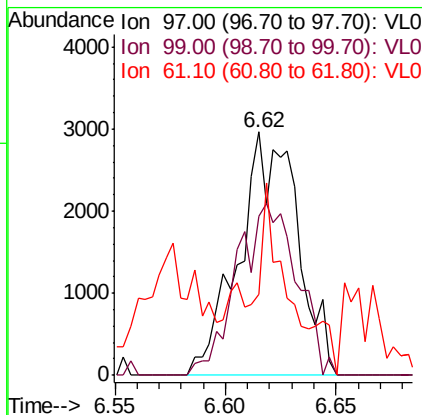
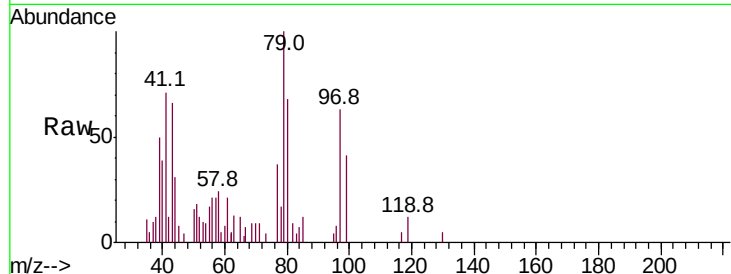
ClientSampleId :

BPS1-SG-3011-25

Tot Ion:	97	Resp:	5488
Ion	Ratio	Lower	Upper
97	100		
99	72.6	51.5	77.3
61	76.7	37.8	56.8#

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#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

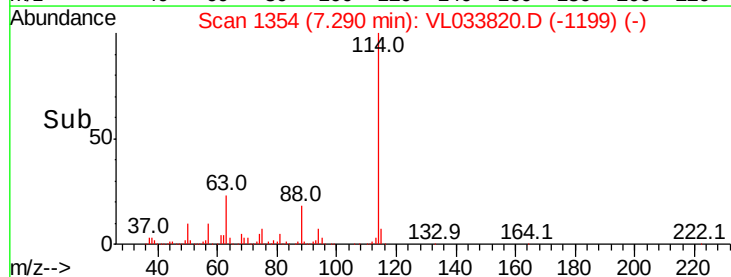
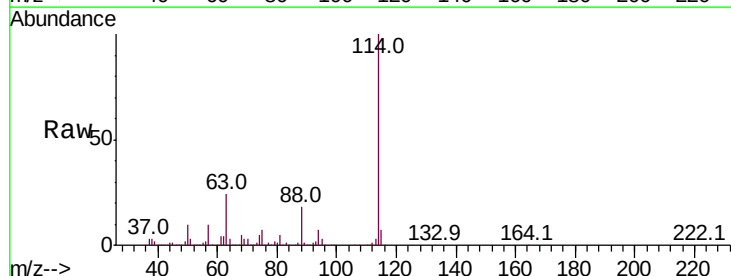
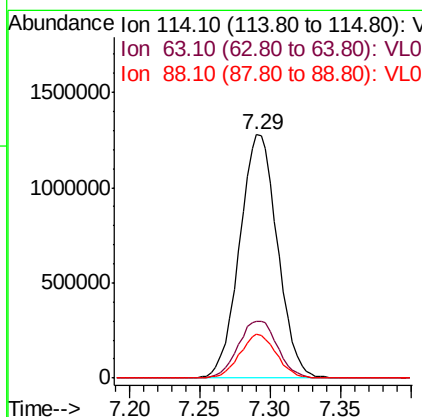
RT: 7.29 min Scan# 1354

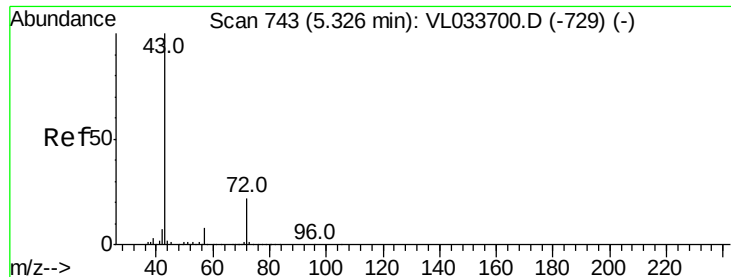
Delta R.T. -0.00 min

Lab File: VL033820.D

Acq: 29 May 2019 2:32

Tgt Ion:	114	Resp:	2404899
Ion	Ratio	Lower	Upper
114	100		
63	24.4	20.9	31.3
88	17.5	14.3	21.5





#34

2-Butanone

Concen: 12.779 ppbv

RT: 5.32 min Scan# 742

Delta R.T. -0.00 min

Lab File: VL033820.D

Acq: 29 May 2019 2:32

Instrument :

MSVOA_L

ClientSampleId :

BPS1-SG-3011-25

Tot Ion: 43 Resp: 1904895

Ion Ratio Lower Upper

43 100

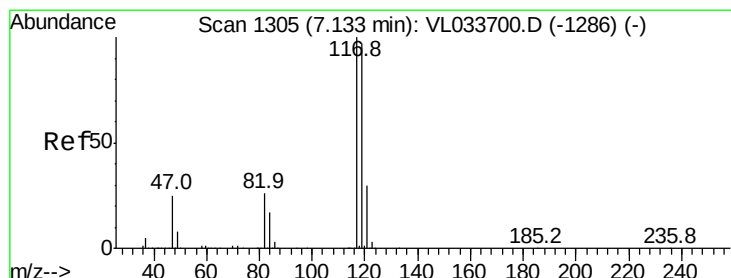
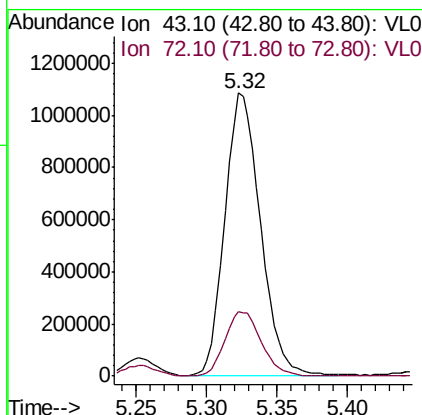
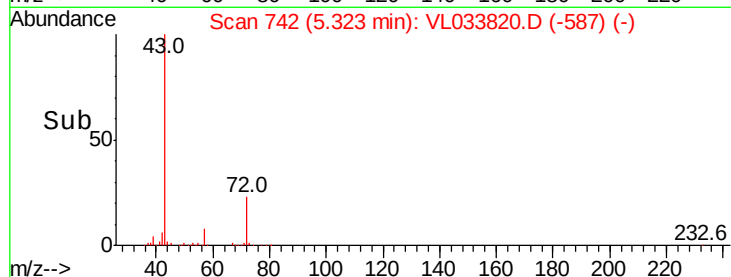
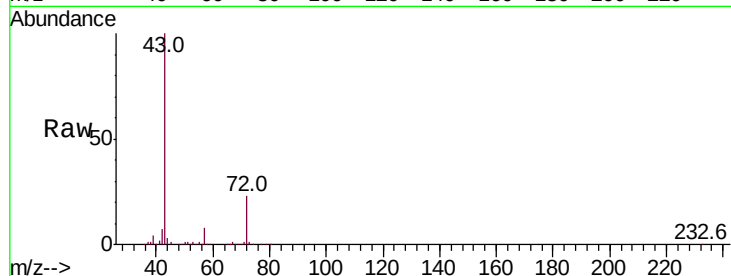
72 23.4 17.8 26.6

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#35

Carbon Tetrachloride

Concen: 0.060 ppbv m

RT: 7.14 min Scan# 1306

Delta R.T. 0.00 min

Lab File: VL033820.D

Acq: 29 May 2019 2:32

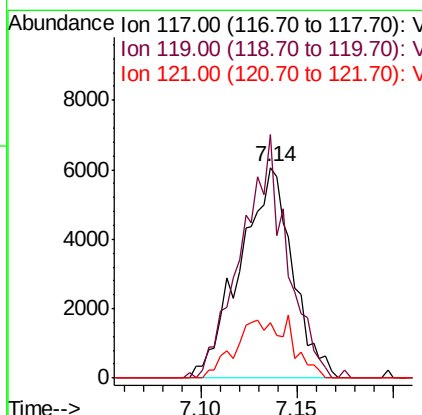
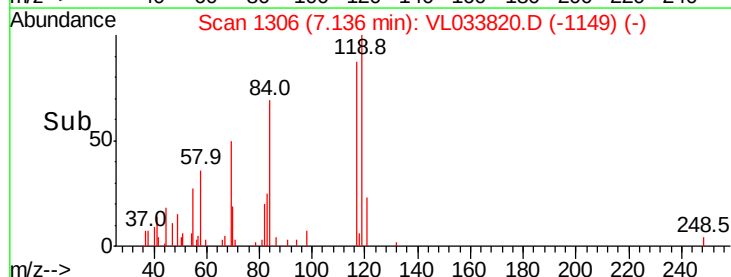
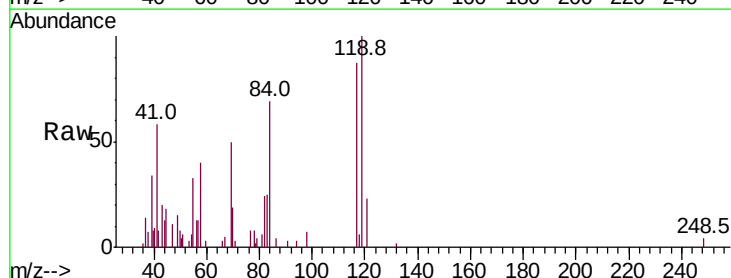
Tgt Ion: 117 Resp: 11494

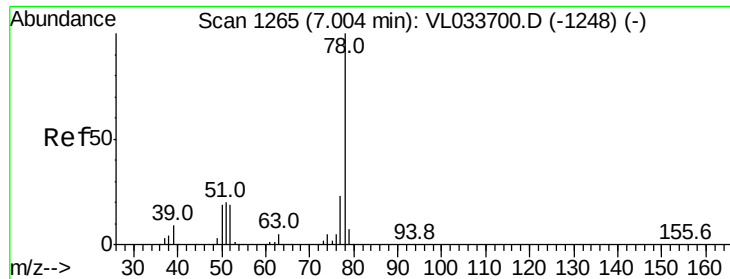
Ion Ratio Lower Upper

117 100

119 115.5 77.2 115.8

121 26.5 24.1 36.1





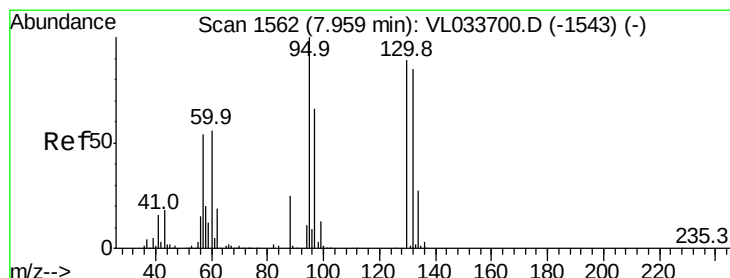
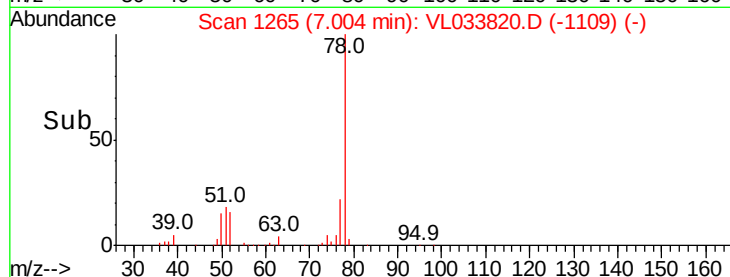
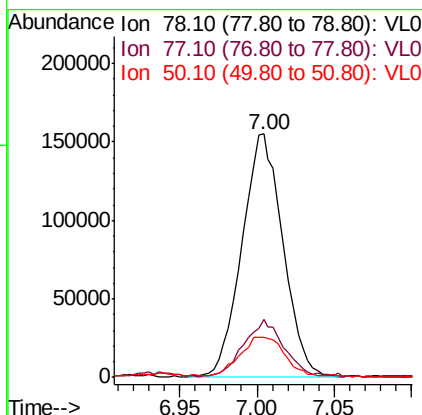
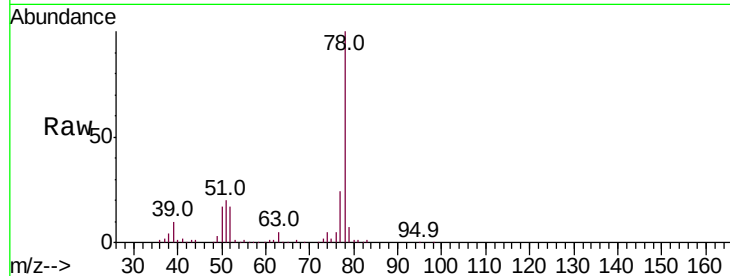
#36
Benzene
Concen: 1.304 ppbv
RT: 7.00 min Scan# 1265
Delta R.T. 0.00 min
Lab File: VL033820.D
Acq: 29 May 2019 2:32

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3011-25

Tot Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.4	27.6
50	16.3	15.5	23.3

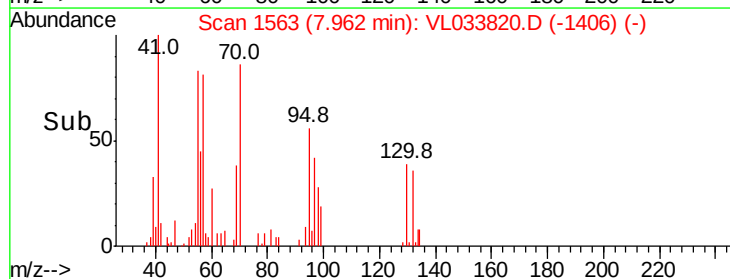
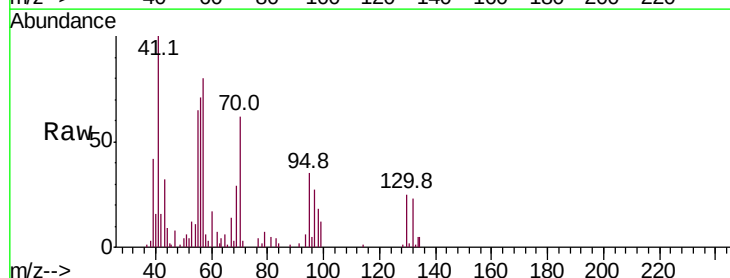
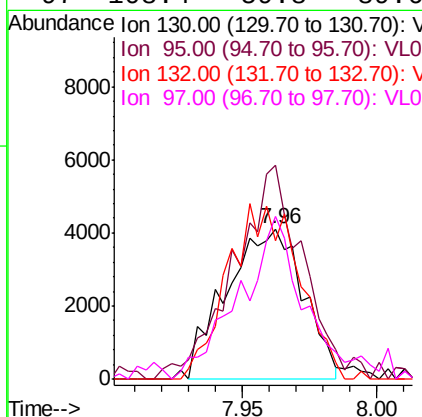
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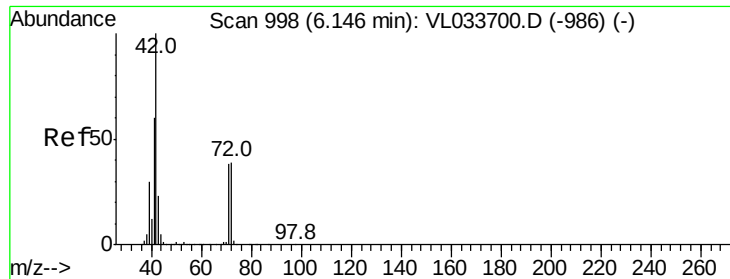
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#38
Trichloroethene
Concen: 0.101 ppbv m
RT: 7.96 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VL033820.D
Acq: 29 May 2019 2:32

Tgt Ion	Ratio	Lower	Upper
130	100		
95	142.3	90.2	135.4#
132	91.7	76.4	114.6
97	108.4	59.8	89.6#





#41

Tetrahydrofuran

Concen: 0.260 ppbv m

RT: 6.15 min Scan# 998

Delta R.T. 0.00 min

Lab File: VL033820.D

Acq: 29 May 2019 2:32

Instrument :

MSVOA_L

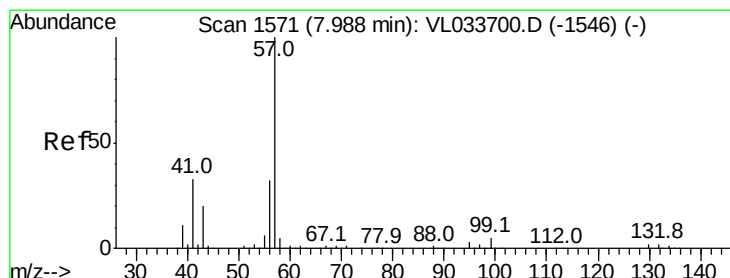
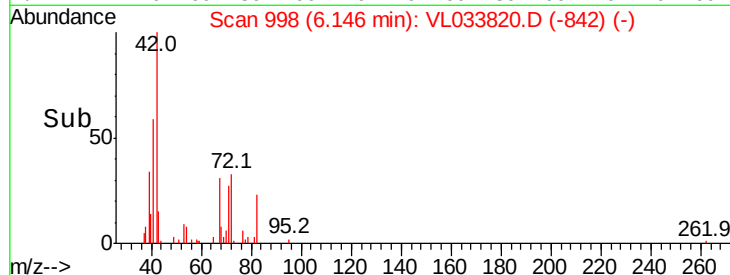
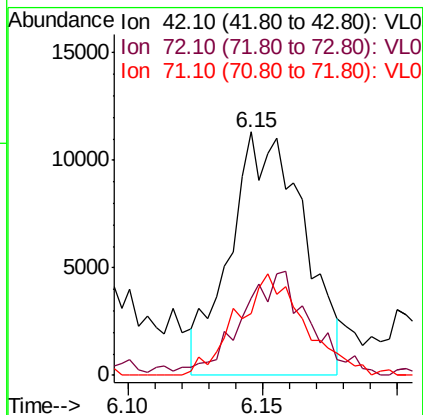
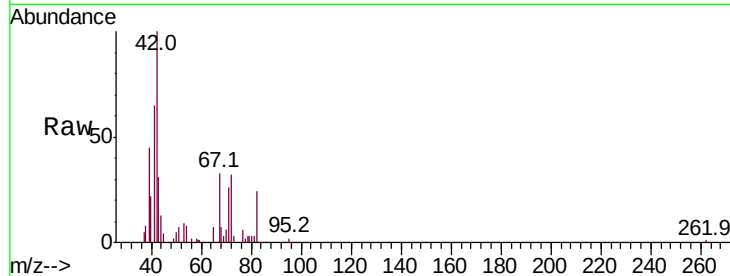
ClientSampleId :

BPS1-SG-3011-25

Tot Ion	Ratio	Lower	Upper
42	100		
72	0.0	32.0	48.0#
71	0.0	30.4	45.6#

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#44

2,2,4-Trimethylpentane

Concen: 0.299 ppbv m

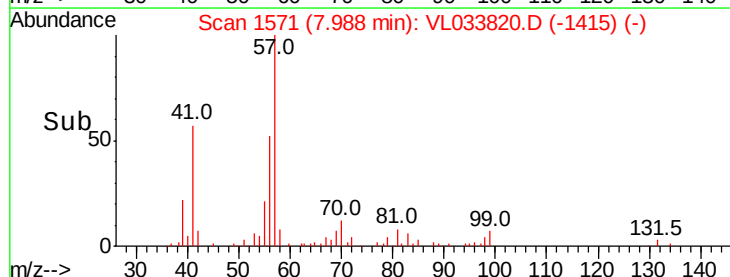
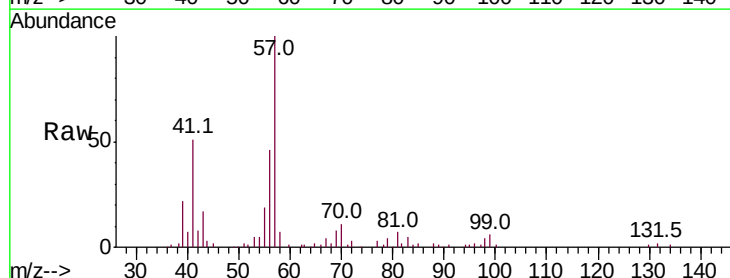
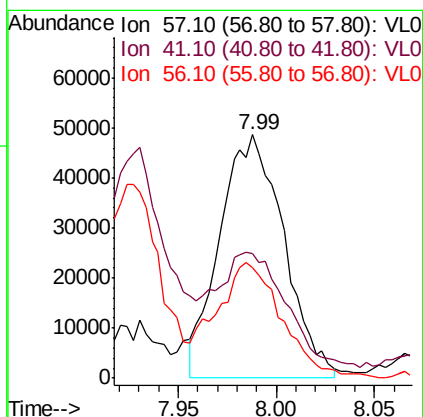
RT: 7.99 min Scan# 1571

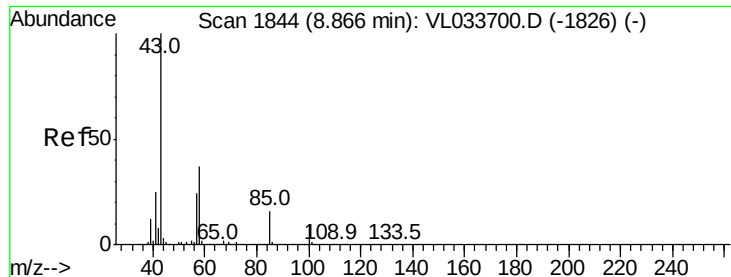
Delta R.T. 0.00 min

Lab File: VL033820.D

Acq: 29 May 2019 2:32

Tgt Ion	Ratio	Lower	Upper
57	100		
41	59.6	25.4	38.0#
56	48.2	24.7	37.1#





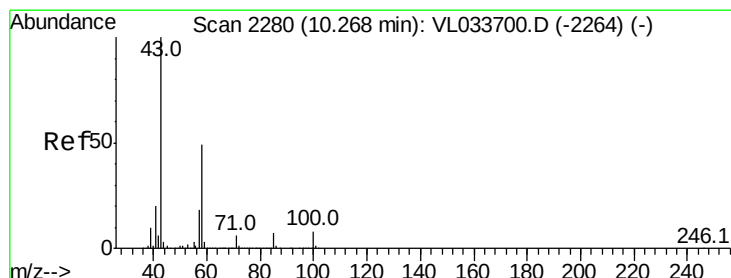
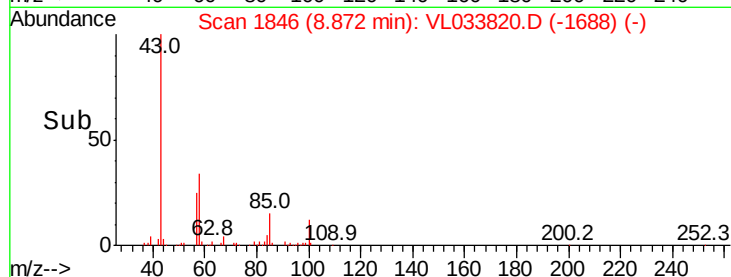
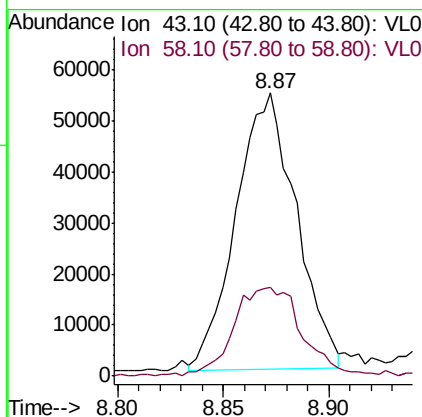
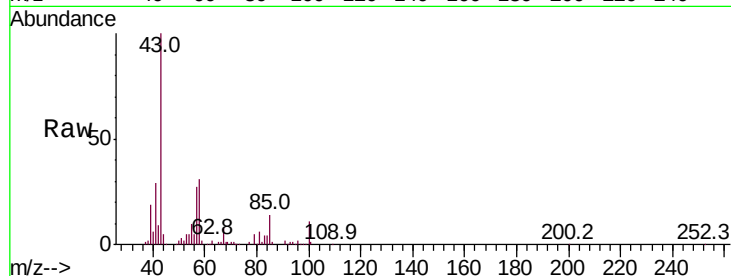
#50
 4-Methyl-2-Pentanone
 Concen: 0.470 ppbv
 RT: 8.87 min Scan# 1846
 Delta R.T. 0.01 min
 Lab File: VL033820.D
 Acq: 29 May 2019 2:32

Instrument :
 MSVOA_L
 ClientSampleId :
 BPS1-SG-3011-25

Tot Ion	43	Resp	107684
Ion Ratio	43	100	
Lower	58	37.4	28.6
Upper			43.0

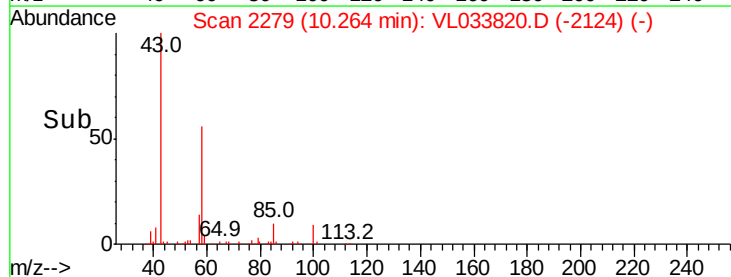
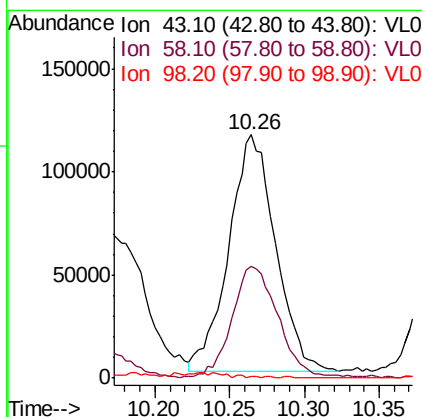
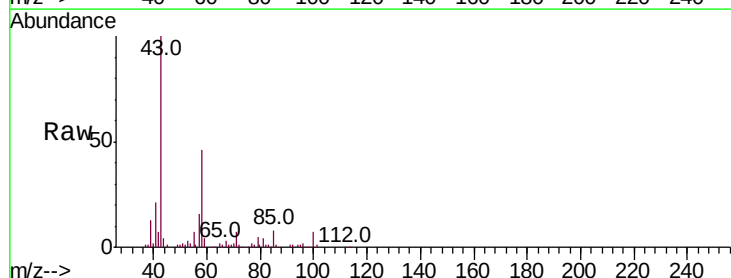
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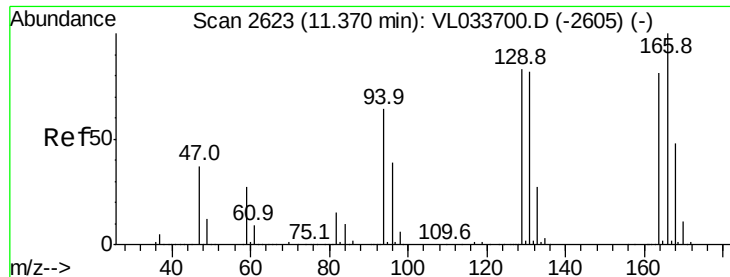
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#51
 2-Hexanone
 Concen: 1.394 ppbv
 RT: 10.26 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: VL033820.D
 Acq: 29 May 2019 2:32

Tgt Ion	43	Resp	249454
Ion Ratio	43	100	
Lower	58	47.1	38.7
Upper			58.1
	98	2.6	0.2
			0.4#





#52

Tetrachloroethene

Concen: 0.178 ppbv m

RT: 11.37 min Scan# 2622

Delta R.T. -0.00 min

Lab File: VL033820.D

Acq: 29 May 2019 2:32

Instrument :

MSVOA_L

ClientSampleId :

BPS1-SG-3011-25

Tot Ion:164 Resp: 13659

Ion Ratio Lower Upper

164 100

166 124.9 98.9 148.3

129 96.4 81.8 122.6

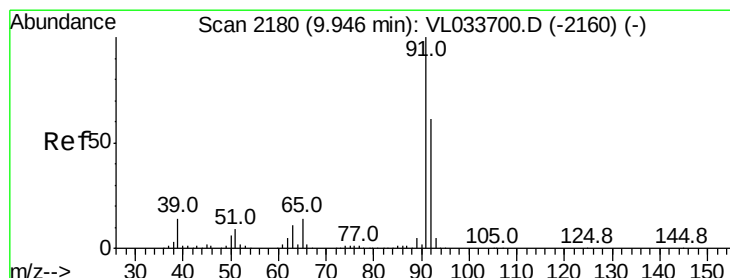
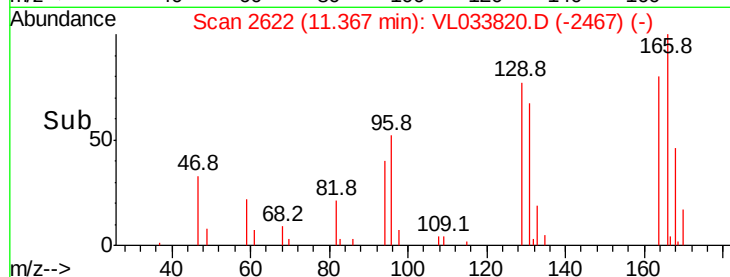
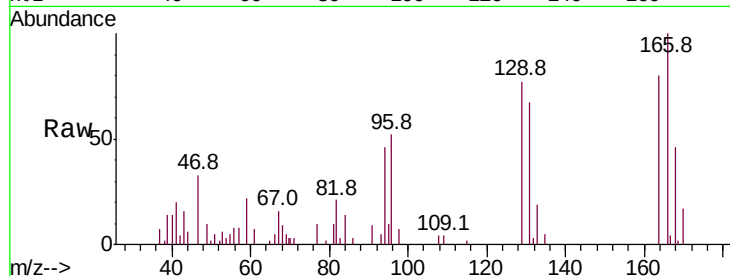
131 83.5 81.1 121.7

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#53

Toluene

Concen: 11.146 ppbv

RT: 9.94 min Scan# 2179

Delta R.T. -0.00 min

Lab File: VL033820.D

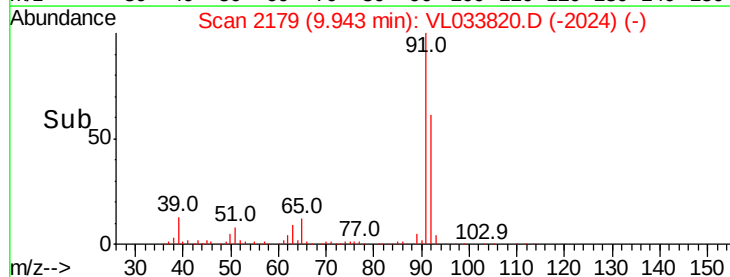
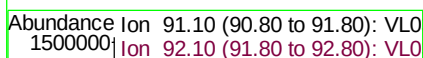
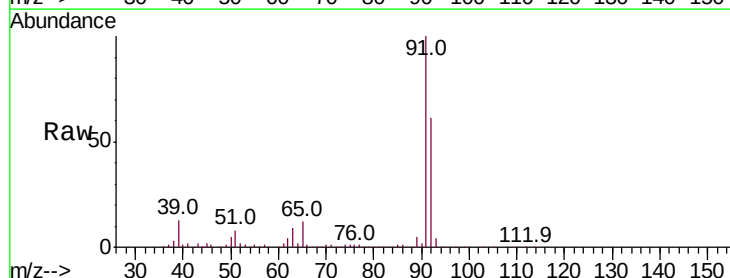
Acq: 29 May 2019 2:32

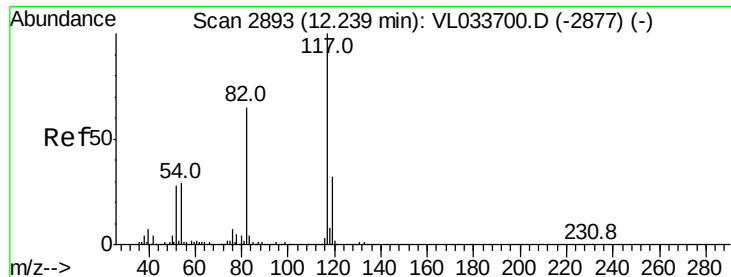
Tgt Ion: 91 Resp: 2630047

Ion Ratio Lower Upper

91 100

92 59.7 47.6 71.4





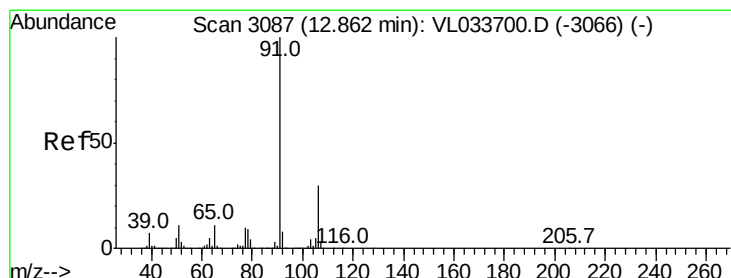
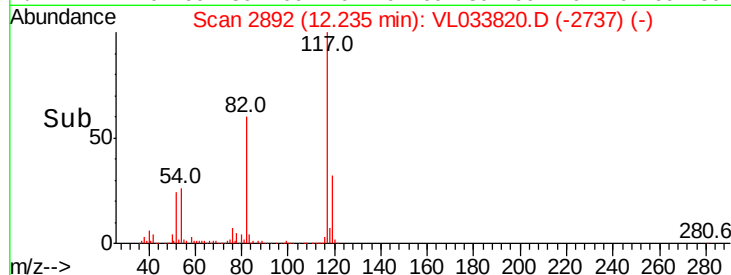
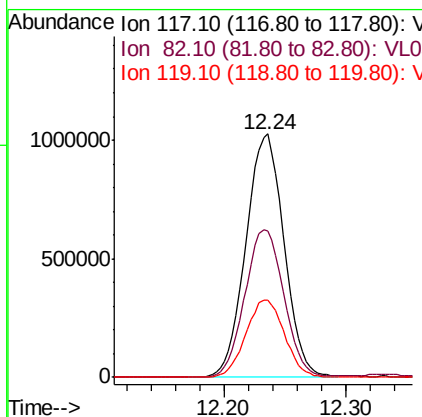
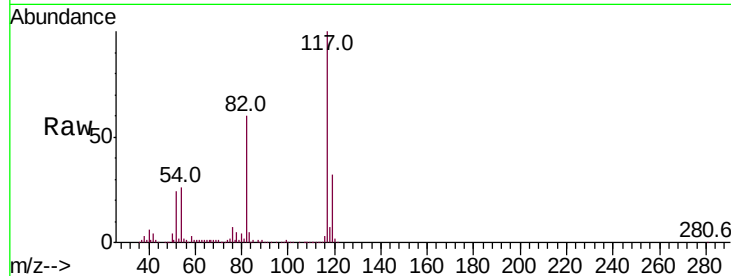
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2892
Delta R.T. -0.00 min
Lab File: VL033820.D
Acq: 29 May 2019 2:32

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3011-25

Tot Ion	Ratio	Lower	Upper
117	100		
82	62.3	49.4	74.0
119	32.4	24.9	37.3

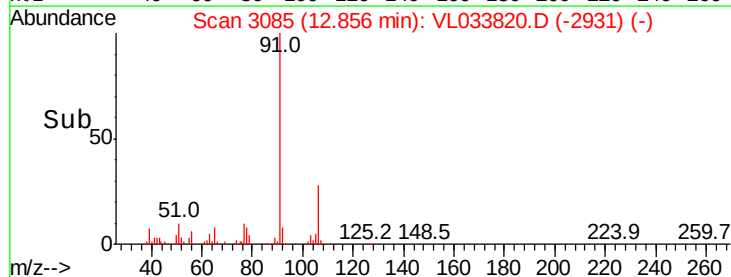
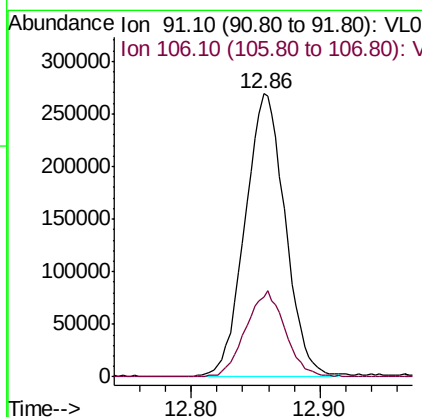
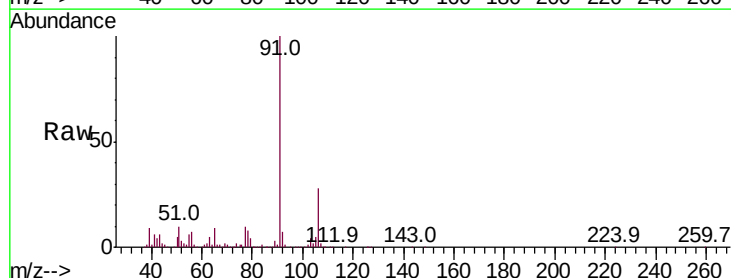
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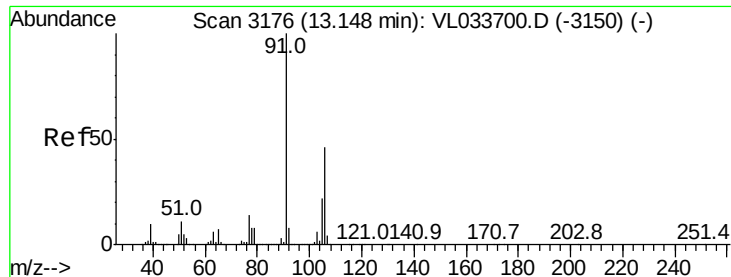
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#58
Ethyl Benzene
Concen: 1.983 ppbv
RT: 12.86 min Scan# 3085
Delta R.T. -0.01 min
Lab File: VL033820.D
Acq: 29 May 2019 2:32

Tgt Ion	Ratio	Lower	Upper
91	100		
106	28.4	23.9	35.9





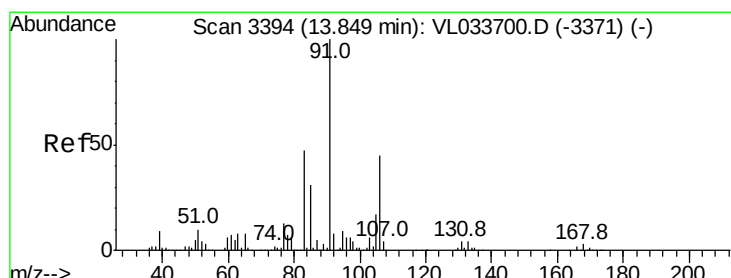
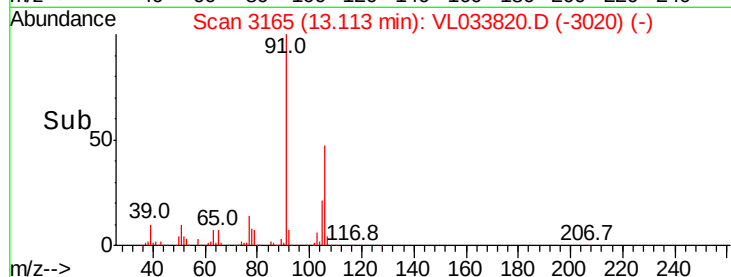
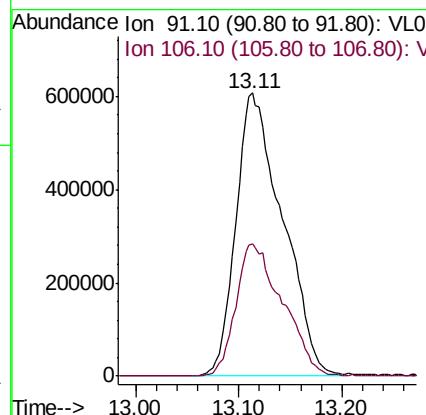
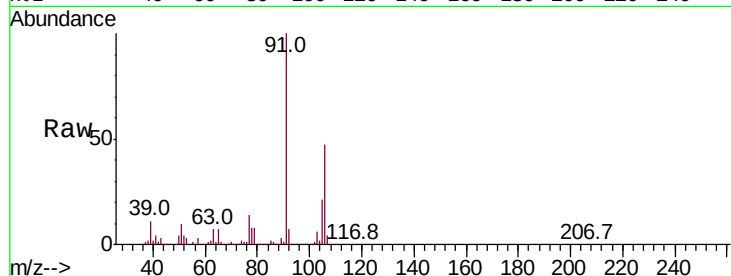
#59
m/p-Xylene
Concen: 7.415 ppbv
RT: 13.11 min Scan# 3165
Delta R.T. -0.04 min
Lab File: VL033820.D
Acq: 29 May 2019 2:32

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3011-25

Tot Ion: 91 Resp: 1904006
Ion Ratio Lower Upper
91 100
106 46.9 35.8 53.6

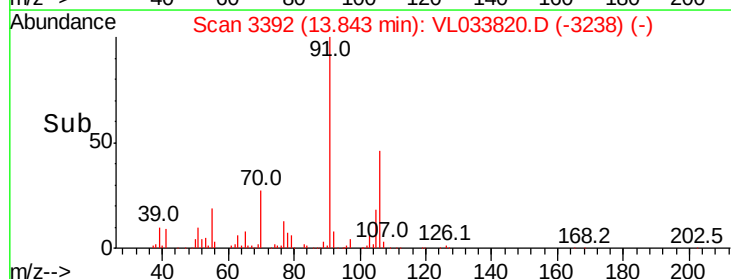
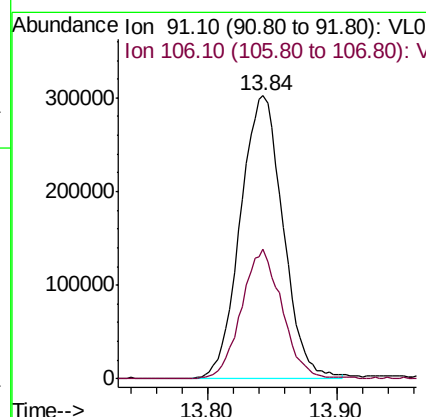
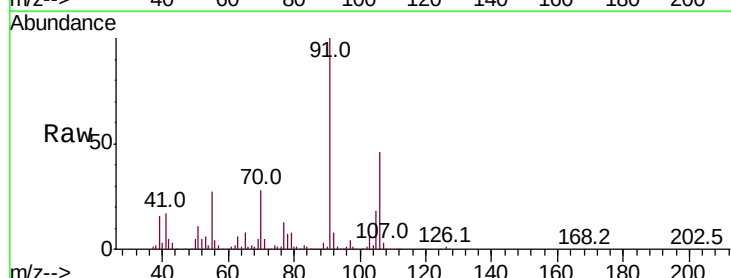
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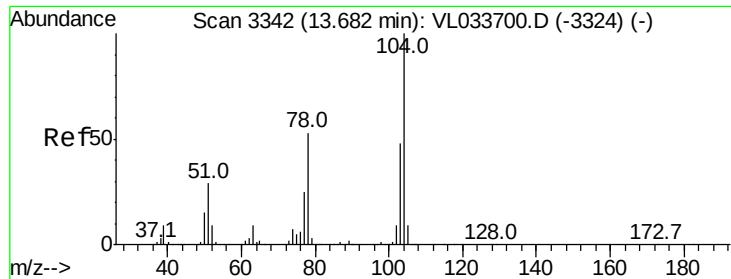
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#60
o-Xylene
Concen: 2.671 ppbv
RT: 13.84 min Scan# 3392
Delta R.T. -0.01 min
Lab File: VL033820.D
Acq: 29 May 2019 2:32

Tgt Ion: 91 Resp: 691382
Ion Ratio Lower Upper
91 100
106 43.9 21.6 64.8





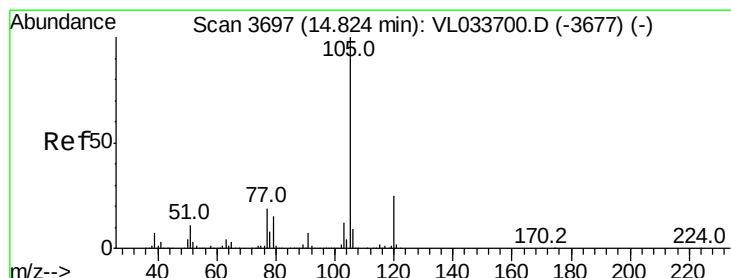
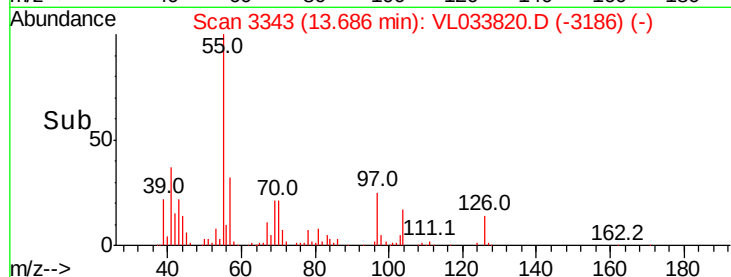
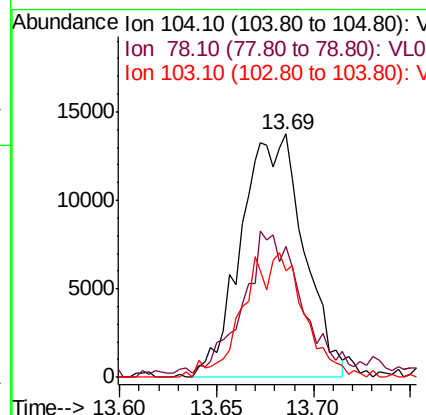
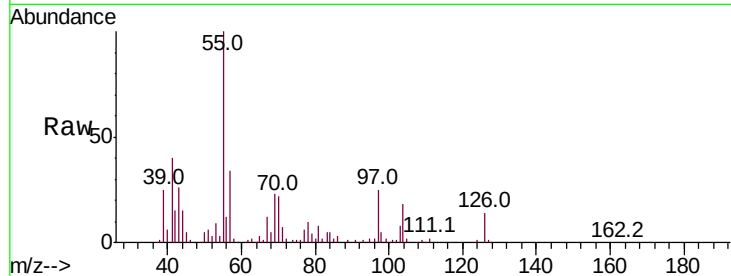
#61
Stvrene
Concen: 0.177 ppbv m
RT: 13.69 min Scan# 3343
Delta R.T. 0.00 min
Lab File: VL033820.D
Acq: 29 May 2019 2:32

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3011-25

Tot Ion	Ratio	Lower	Upper
104	100		
78	0.0	42.6	64.0#
103	49.3	37.8	56.6

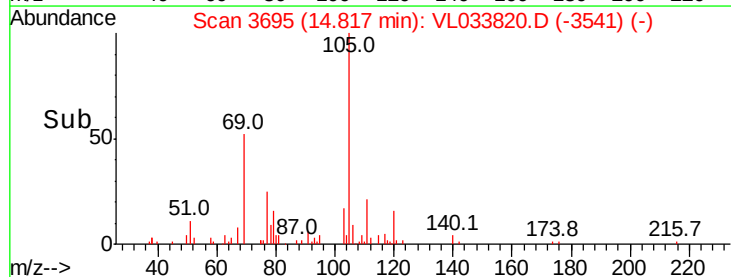
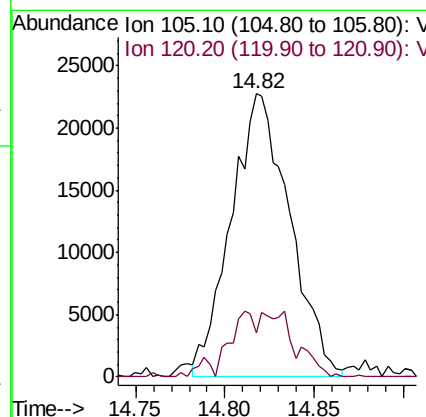
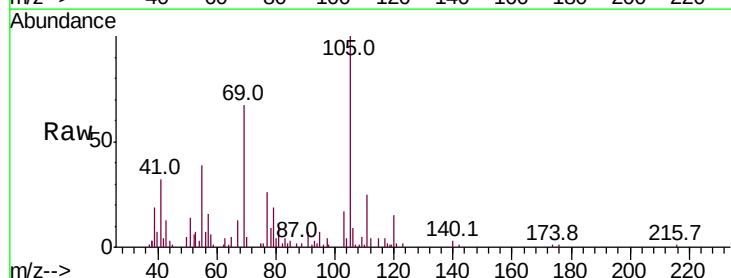
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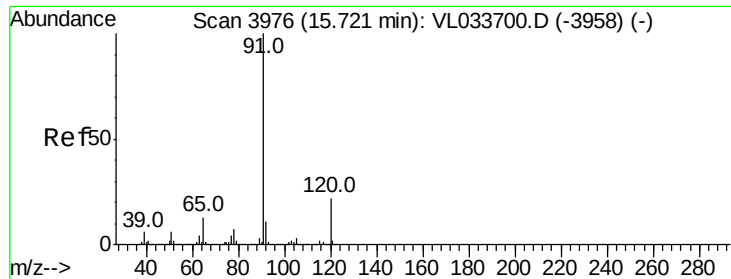
apatel
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#62
Isopropylbenzene
Concen: 0.150 ppbv
RT: 14.82 min Scan# 3695
Delta R.T. -0.01 min
Lab File: VL033820.D
Acq: 29 May 2019 2:32

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.1	20.1	30.1





#64

n-propylbenzene

Concen: 0.619 ppbv

RT: 15.71 min Scan# 3974

Delta R.T. -0.01 min

Lab File: VL033820.D

Acq: 29 May 2019 2:32

Instrument :

MSVOA_L

ClientSampleId :

BPS1-SG-3011-25

Tot Ion:120 Resp: 55825

Ion Ratio Lower Upper

120 100

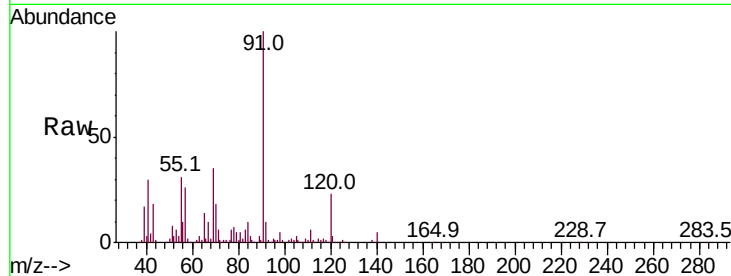
91 479.9 379.1 568.7

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Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

120000

100000

80000

60000

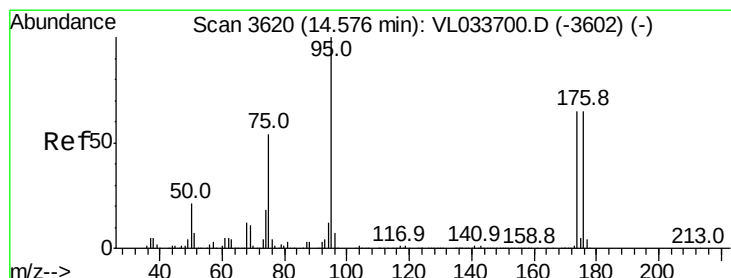
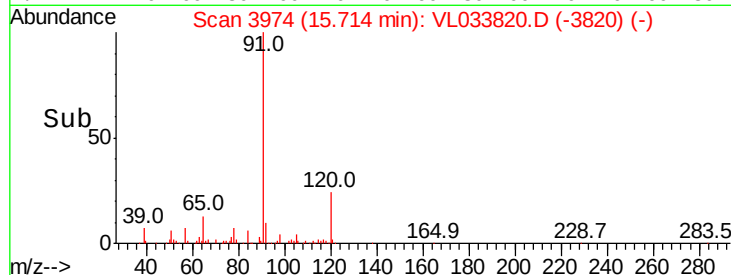
40000

20000

0

15.65 15.70 15.75

Time-->



#68

1-Bromo-4-Fluorobenzene

Concen: 10.544 ppbv

RT: 14.57 min Scan# 3619

Delta R.T. -0.00 min

Lab File: VL033820.D

Acq: 29 May 2019 2:32

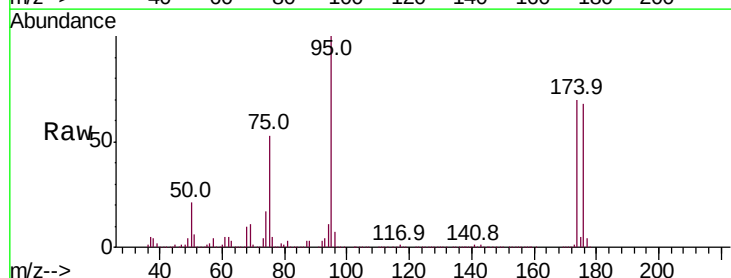
Tgt Ion: 95 Resp: 1896105

Ion Ratio Lower Upper

95 100

174 70.6 53.9 80.9

175 5.1 3.8 5.8



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

1000000

800000

600000

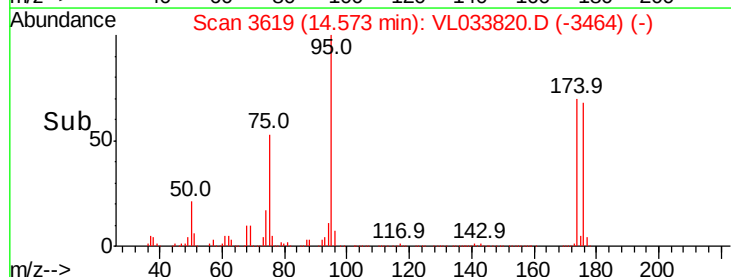
400000

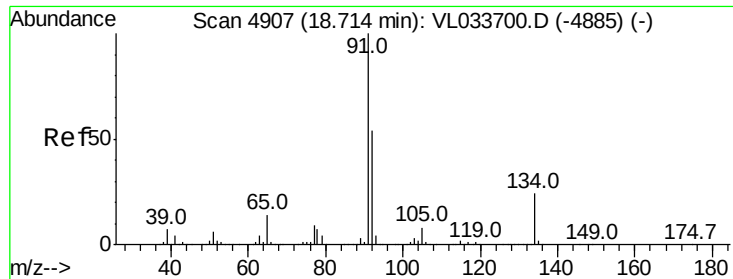
200000

0

14.50 14.57 14.60

Time-->





#70

n-Butylbenzene

Concen: 0.535 ppbv m

RT: 18.74 min Scan# 4916

Delta R.T. 0.03 min

Lab File: VL033820.D

Acq: 29 May 2019 2:32

Instrument :

MSVOA_L

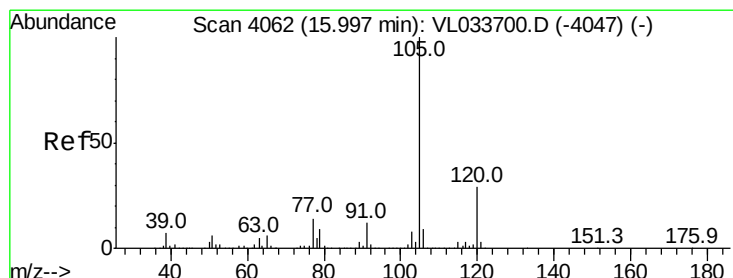
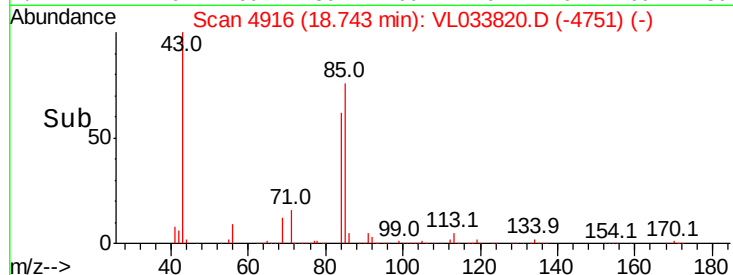
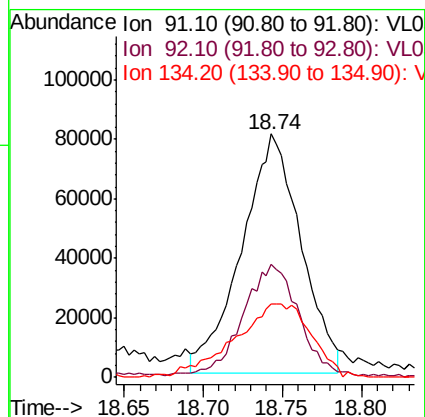
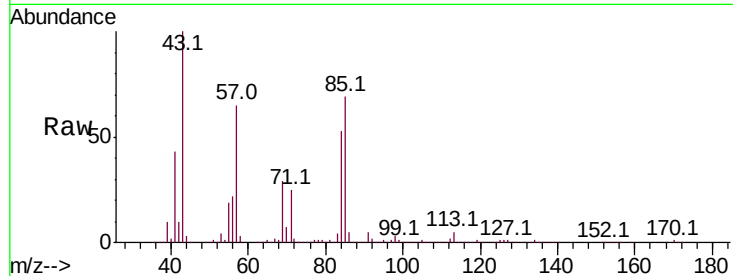
ClientSampleId :

BPS1-SG-3011-25

Tot Ion:	91	Resp:	211408
Ion Ratio	Lower	Upper	
91	100		
92	0.0	42.6	63.8#
134	0.0	18.1	27.1#

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#72

4-Ethyltoluene

Concen: 1.001 ppbv

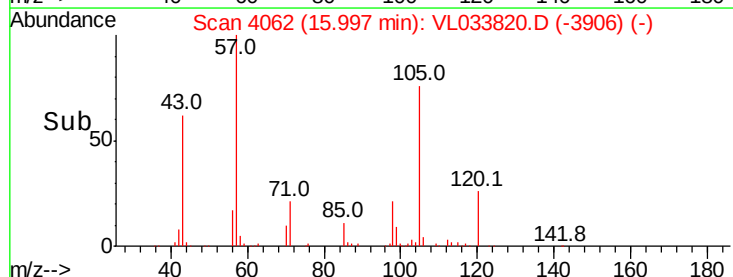
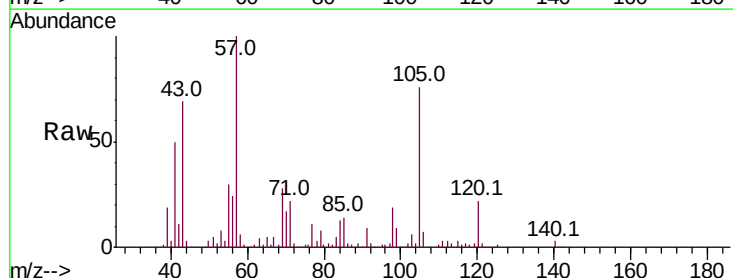
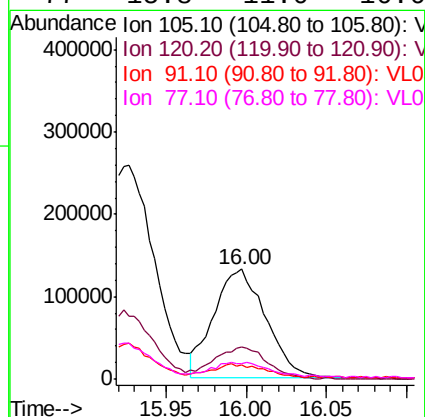
RT: 16.00 min Scan# 4062

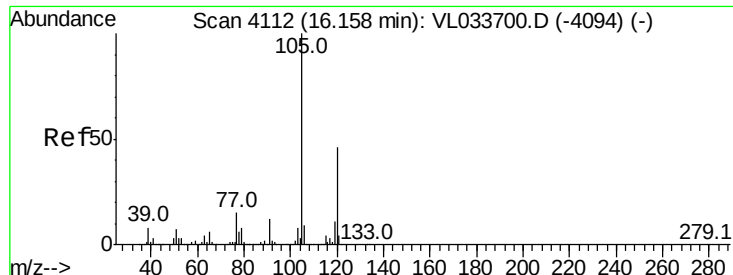
Delta R.T. 0.00 min

Lab File: VL033820.D

Acq: 29 May 2019 2:32

Tgt Ion:	105	Resp:	296326
Ion Ratio	Lower	Upper	
105	100		
120	29.6	23.1	34.7
91	12.0	10.4	15.6
77	15.8	11.0	16.6





#73

1,3,5-Trimethylbenzene

Concen: 0.760 ppbv

RT: 16.15 min Scan# 4111

Delta R.T. -0.00 min

Lab File: VL033820.D

Acq: 29 May 2019 2:32

Instrument :

MSVOA_L

ClientSampleId :

BPS1-SG-3011-25

Tot Ion:105 Resp: 219480

Ion Ratio Lower Upper

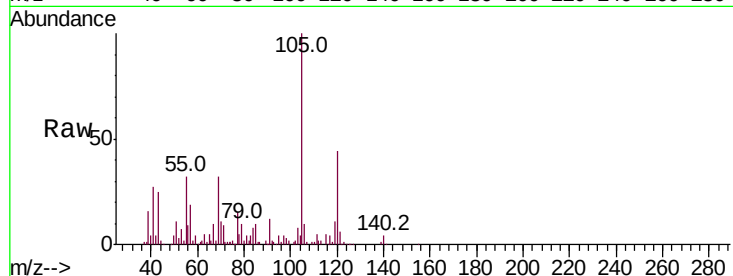
105 100

120 44.1 37.0 55.4

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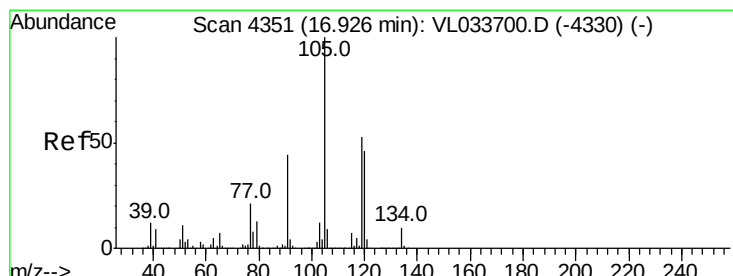
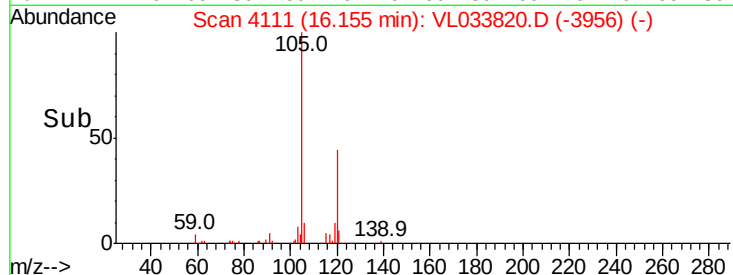
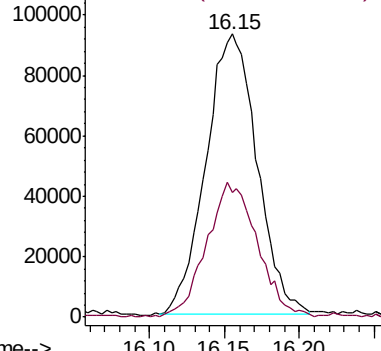
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Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



#74

1,2,4-Trimethylbenzene

Concen: 2.667 ppbv

RT: 16.92 min Scan# 4350

Delta R.T. -0.00 min

Lab File: VL033820.D

Acq: 29 May 2019 2:32

Tgt Ion:105 Resp: 838143

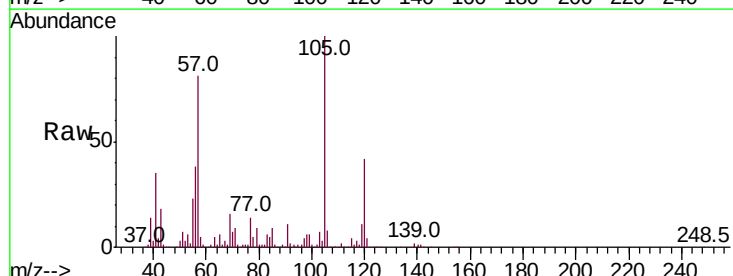
Ion Ratio Lower Upper

105 100

120 42.3 36.8 55.2

91 10.6 35.4 53.0#

77 12.4 16.8 25.2#

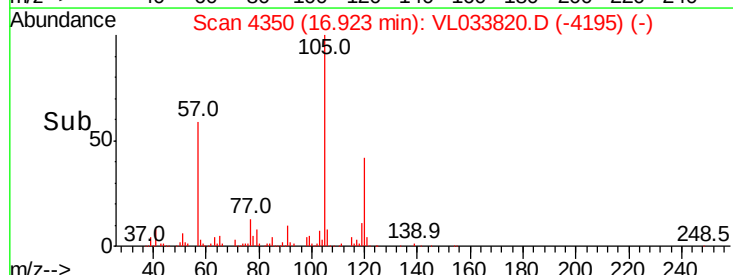
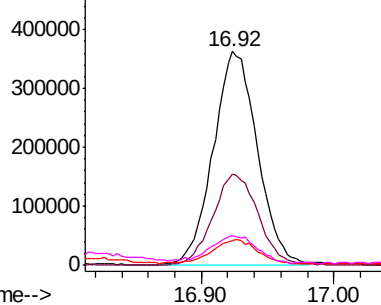


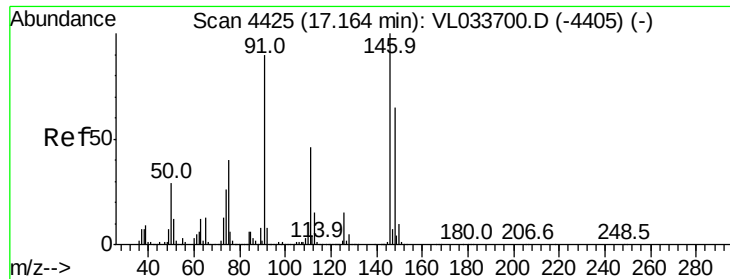
Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0





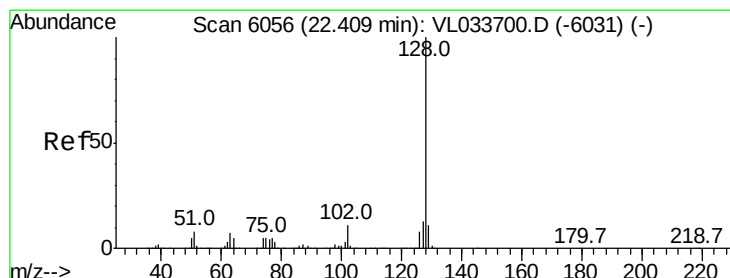
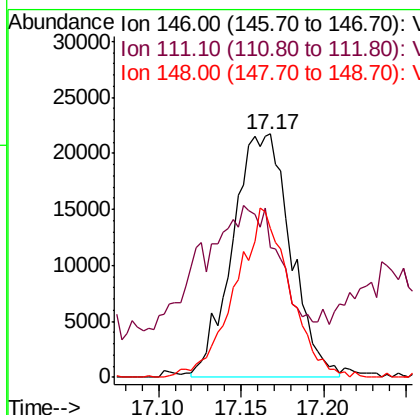
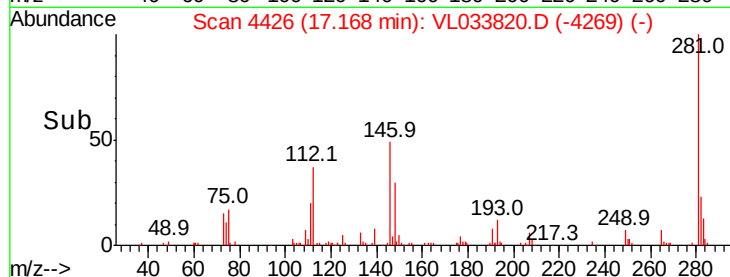
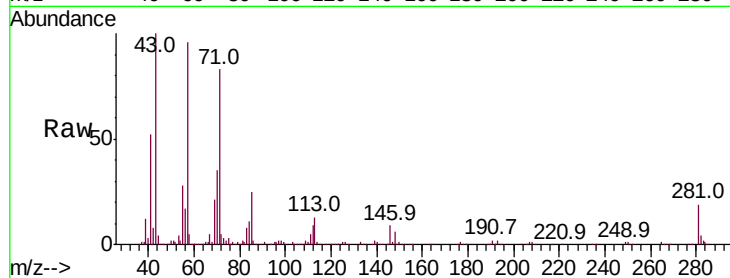
#75
 1,3-Dichlorobenzene
 Concen: 0.277 ppbv m
 RT: 17.17 min Scan# 4426
 Delta R.T. 0.00 min
 Lab File: VL033820.D
 Acq: 29 May 2019 2:32

Instrument :
 MSVOA_L
 ClientSampleId :
 BPS1-SG-3011-25

Tot Ion	Ratio	Lower	Upper
146	100		
111	89.5	22.9	68.8#
148	65.5	32.0	96.2

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#79
 Naphthalene
 Concen: 0.333 ppbv m
 RT: 22.42 min Scan# 6060
 Delta R.T. 0.01 min
 Lab File: VL033820.D
 Acq: 29 May 2019 2:32

Tgt Ion	Ratio	Lower	Upper
128	100		
127	16.8	10.6	16.0#
129	11.7	8.9	13.3

