

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL052819\
 Data File : VL033804.D
 Acq On : 28 May 2019 14:24
 Operator : SY/AP
 Sample : K2929-19
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 BPS1-SG-3007-55

Manual Integrations
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Quant Time: May 29 05:06:34 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

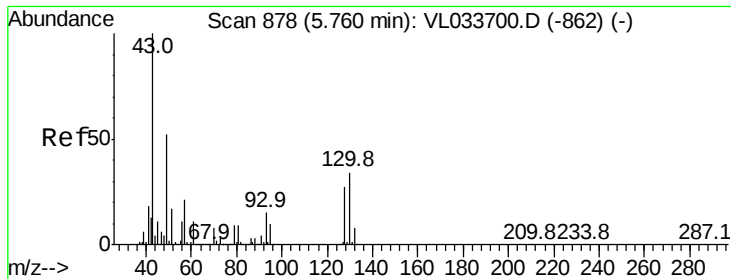
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	917695	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2298060	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.23	117	2271702	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.57	95	1959572	10.64	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.07	85	28992m	0.150	ppbv	
3) Chlorodifluoromethane	3.01	51	254472m	2.421	ppbv	
4) Chloromethane	3.16	50	20374	0.339	ppbv	93
9) Propene	3.03	41	2463497	55.098	ppbv	95
10) Heptane	8.24	43	298195	2.355	ppbv	99
11) Trichlorofluoromethane	4.00	101	44778	0.243	ppbv	84
13) Ethanol	3.65	45	330774	22.889	ppbv	98
15) Acetone	3.89	43	15892106	124.815	ppbv #	69
17) tert-Butyl alcohol	4.36	59	362110	3.517	ppbv	99
20) Methylene Chloride	4.41	84	48190	0.983	ppbv #	93
26) Hexane	5.77	57	342747	3.564	ppbv #	42
27) Carbon Disulfide	4.61	76	315691	2.393	ppbv	99
29) Chloroform	5.85	83	218899	1.236	ppbv	100
30) Cyclohexane	7.24	84	30209m	0.374	ppbv	
32) 1,1,1-Trichloroethane	6.62	97	11312m	0.064	ppbv	
34) 2-Butanone	5.32	43	2611099	18.331	ppbv	97
35) Carbon Tetrachloride	7.13	117	5420m	0.029	ppbv	
36) Benzene	7.00	78	367733	1.759	ppbv	97
38) Trichloroethene	7.96	130	2972m	0.038	ppbv	
41) Tetrahydrofuran	6.15	42	29133m	0.365	ppbv	
44) 2,2,4-Trimethylpentane	7.99	57	134061m	0.379	ppbv	
50) 4-Methyl-2-Pentanone	8.87	43	149377	0.682	ppbv	98
51) 2-Hexanone	10.26	43	384851	2.251	ppbv #	98
52) Tetrachloroethene	11.36	164	37126	0.505	ppbv	97
53) Toluene	9.94	91	2765061	12.263	ppbv	100
58) Ethyl Benzene	12.86	91	654041	2.174	ppbv	99
59) m/p-Xylene	13.11	91	2046152	7.781	ppbv	96
60) o-Xylene	13.84	91	672236	2.536	ppbv	98
61) Styrene	13.67	104	23926m	0.134	ppbv	
62) Isopropylbenzene	14.81	105	50429m	0.141	ppbv	
64) n-propylbenzene	15.71	120	50132m	0.543	ppbv	
70) n-Butylbenzene	18.74	91	154683m	0.383	ppbv	
72) 4-Ethyltoluene	15.99	105	244561	0.807	ppbv #	92
73) 1,3,5-Trimethylbenzene	16.15	105	179771m	0.608	ppbv	
74) 1,2,4-Trimethylbenzene	16.92	105	639604	1.987	ppbv #	76
79) Naphthalene	22.42	128	125250	0.419	ppbv #	91

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 879

Delta R.T. 0.00 min

Lab File: VL033804.D

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Instrument :

MSVOA_L

ClientSampleId :

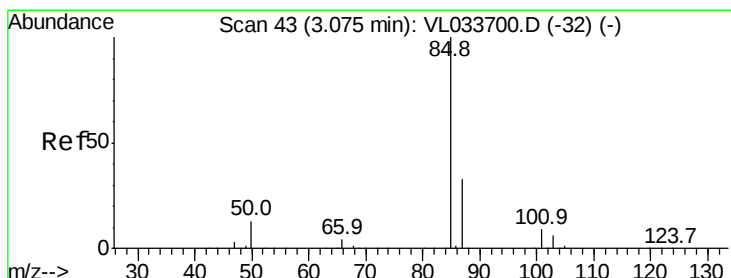
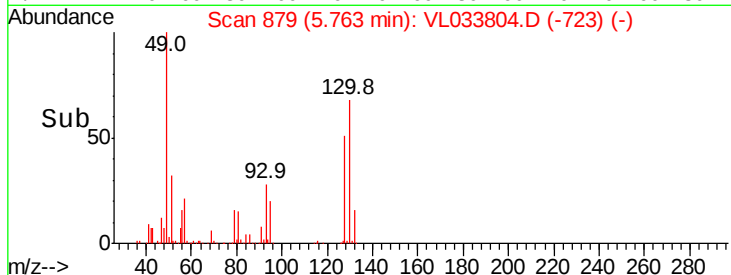
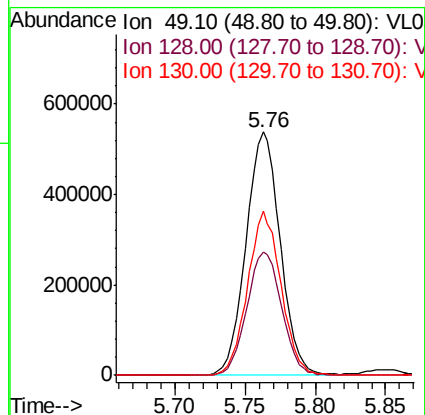
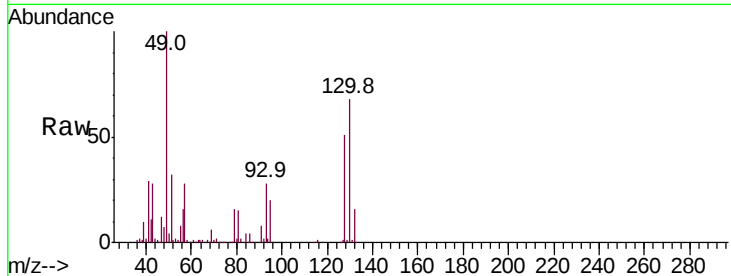
BPS1-SG-3007-55

Tot Ion	Ratio	Lower	Upper
49	100		
128	51.8	25.2	75.6
130	65.8	32.5	97.5

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#2

Dichlorodifluoromethane

Concen: 0.150 ppbv m

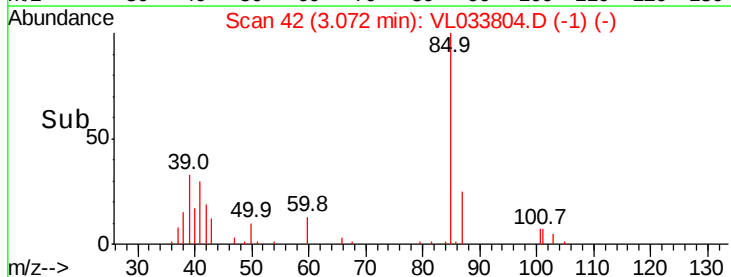
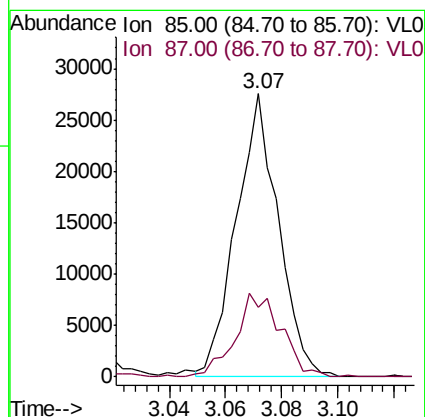
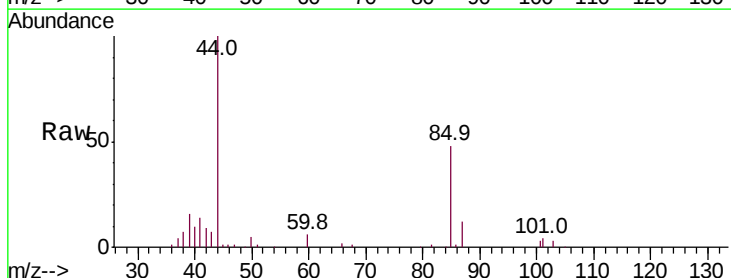
RT: 3.07 min Scan# 42

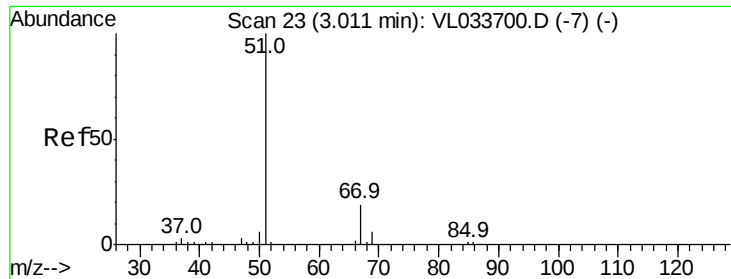
Delta R.T. -0.00 min

Lab File: VL033804.D

Acq: 28 May 2019 14:24

Tgt Ion	Ratio	Lower	Upper
85	100		
87	24.5	26.3	39.5#





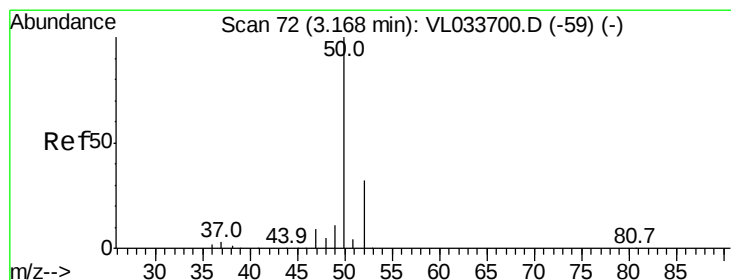
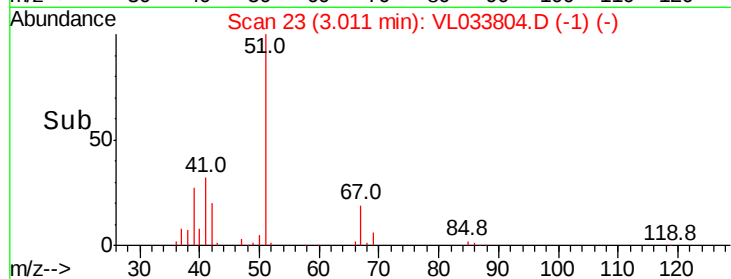
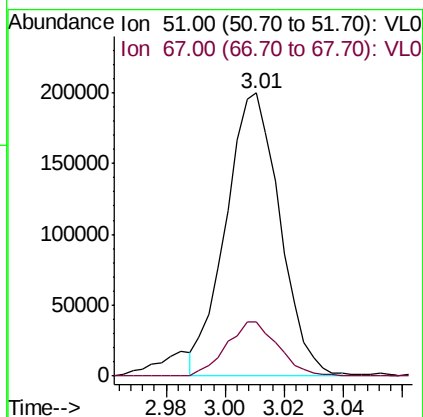
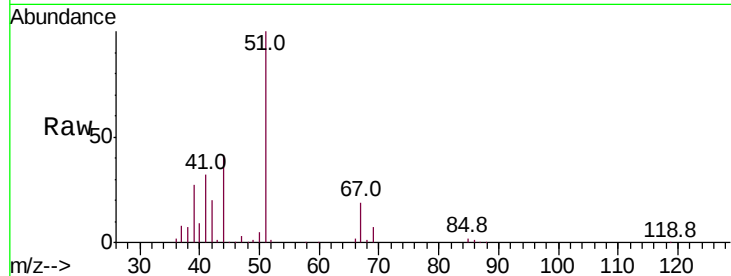
#3
Chlorodifluoromethane
Concen: 2.421 ppbv
RT: 3.01 min Scan# 23
Delta R.T. -0.00 min
Lab File: VL033804.D
Acq: 28 May 2019 14:24

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3007-55

Tot Ion: 51 Resp: 254472
Ion Ratio Lower Upper
51 100
67 18.6 15.6 23.4

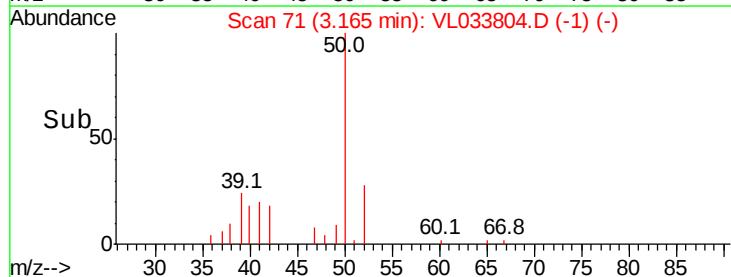
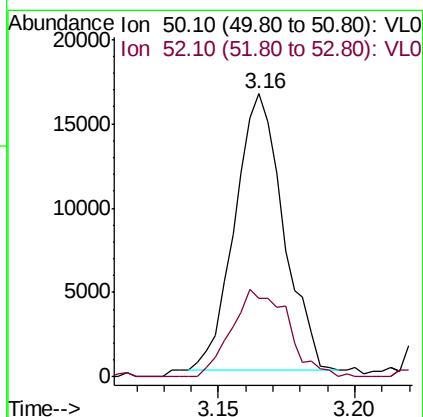
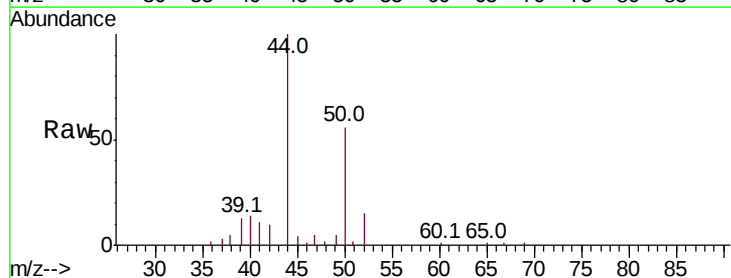
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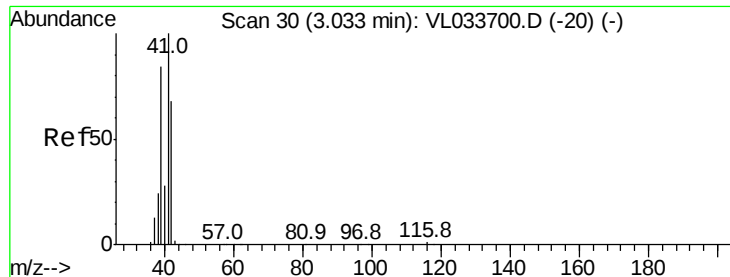
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#4
Chloromethane
Concen: 0.339 ppbv
RT: 3.16 min Scan# 71
Delta R.T. -0.00 min
Lab File: VL033804.D
Acq: 28 May 2019 14:24

Tgt Ion: 50 Resp: 20374
Ion Ratio Lower Upper
50 100
52 28.2 25.7 38.5





#9

Propene

Concen: 55.098 ppbv

RT: 3.03 min Scan# 30

Delta R.T. -0.00 min

Lab File: VL033804.D

Acq: 28 May 2019 14:24

Instrument :

MSVOA_L

ClientSampleId :

BPS1-SG-3007-55

Tot Ion: 41 Resp: 2463497

Ion Ratio Lower Upper

41 100

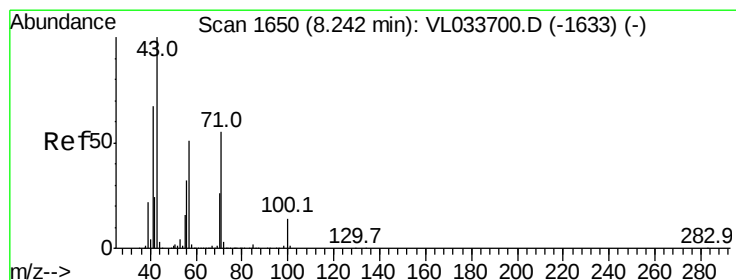
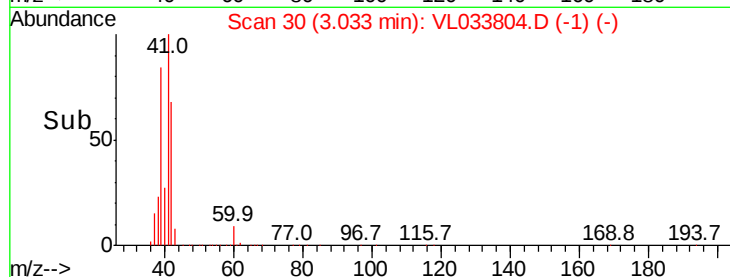
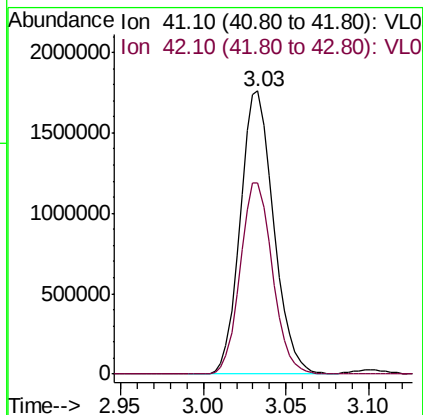
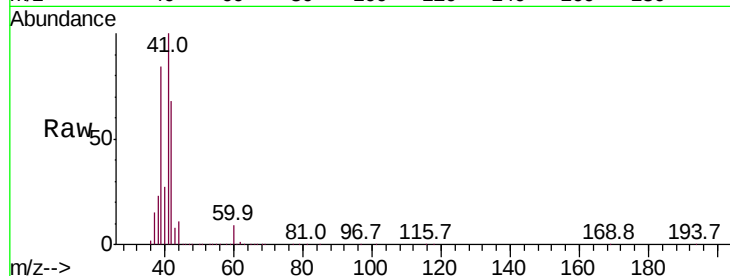
42 65.6 56.1 84.1

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#10

Heptane

Concen: 2.355 ppbv

RT: 8.24 min Scan# 1648

Delta R.T. -0.01 min

Lab File: VL033804.D

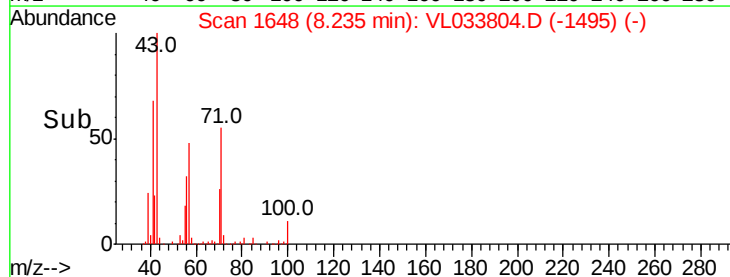
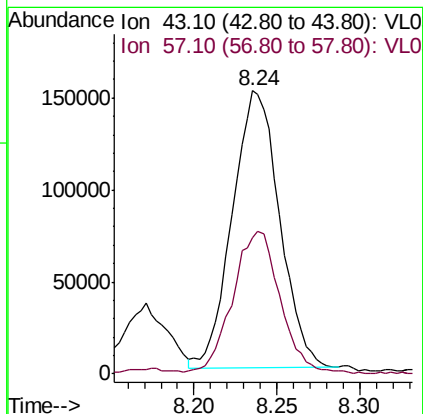
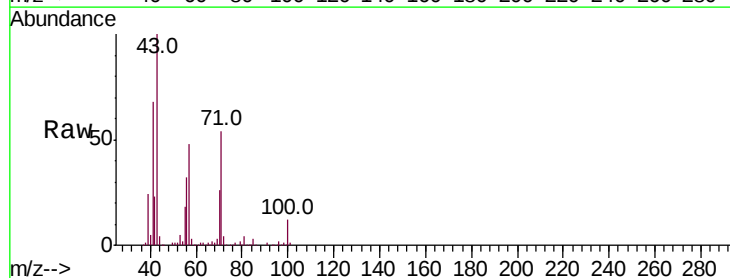
Acq: 28 May 2019 14:24

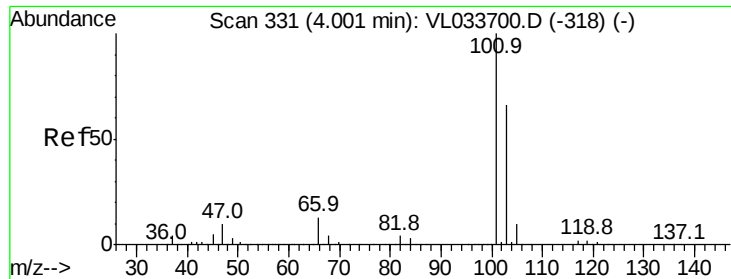
Tgt Ion: 43 Resp: 298195

Ion Ratio Lower Upper

43 100

57 52.4 41.4 62.0





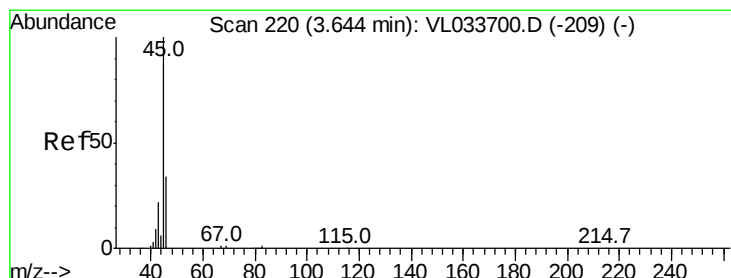
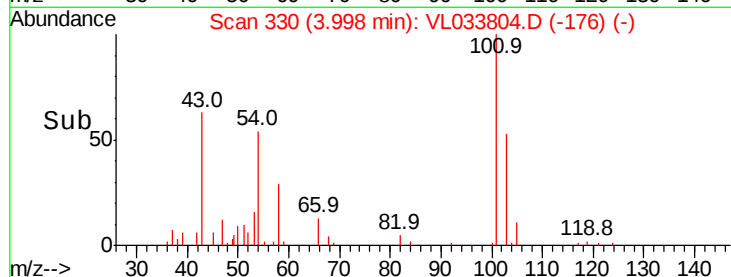
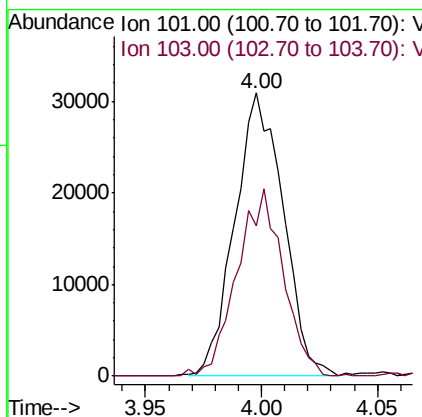
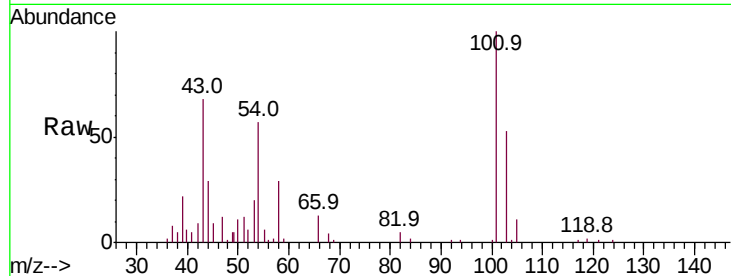
#11
 Trichlorofluoromethane
 Concen: 0.243 ppbv
 RT: 4.00 min Scan# 330
 Delta R.T. -0.00 min
 Lab File: VL033804.D
 Acq: 28 May 2019 14:24

Instrument :
 MSVOA_L
 ClientSampleId :
 BPS1-SG-3007-55

Tot Ion:101 Resp: 44778
 Ion Ratio Lower Upper
 101 100
 103 53.1 52.6 78.8

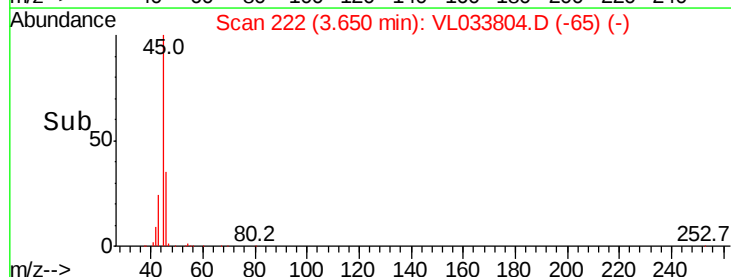
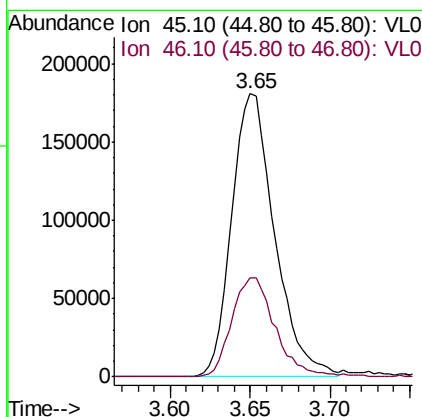
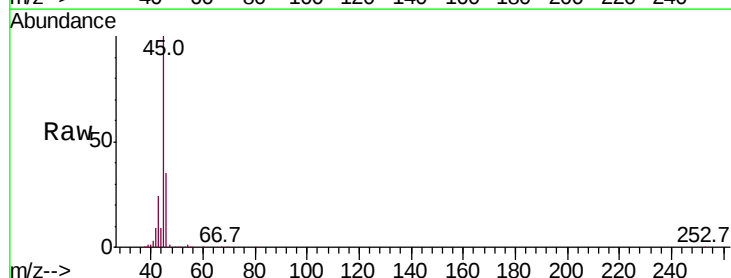
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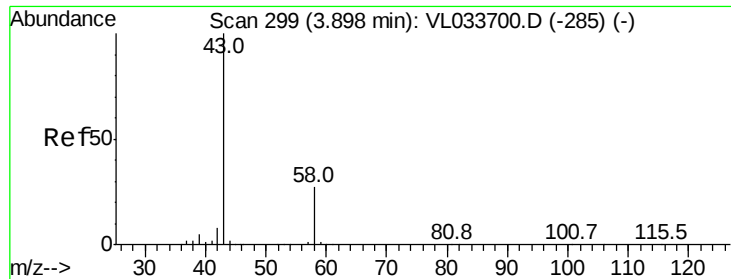
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#13
 Ethanol
 Concen: 22.889 ppbv
 RT: 3.65 min Scan# 222
 Delta R.T. 0.01 min
 Lab File: VL033804.D
 Acq: 28 May 2019 14:24

Tgt Ion: 45 Resp: 330774
 Ion Ratio Lower Upper
 45 100
 46 35.9 14.8 59.0





#15

Acetone

Concen: 124.815 ppbv

RT: 3.89 min Scan# 298

Delta R.T. -0.00 min

Lab File: VL033804.D

Acq: 28 May 2019 14:24

Instrument :

MSVOA_L

ClientSampleId :

BPS1-SG-3007-55

Tot Ion: 43 Resp:15892106

Ion Ratio Lower Upper

43 100

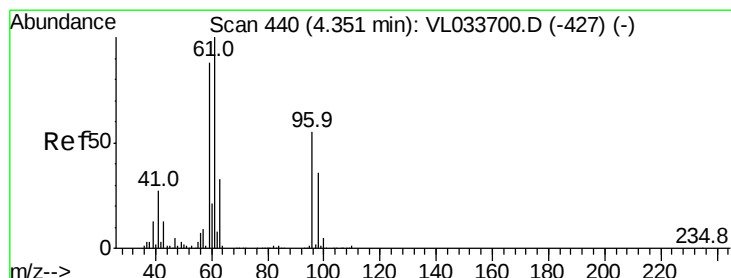
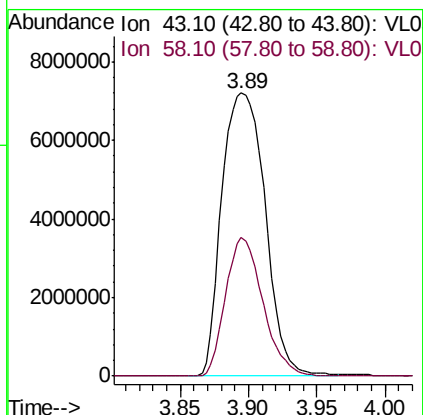
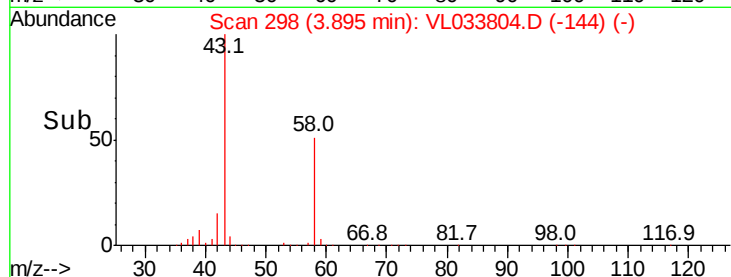
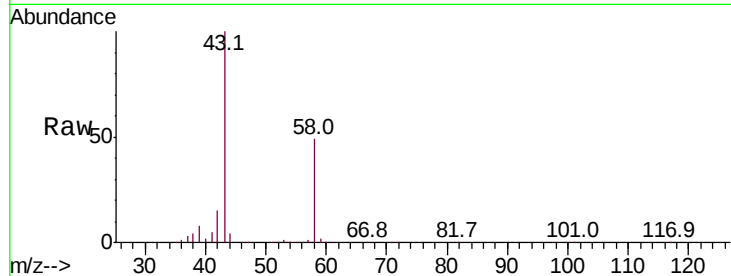
58 42.6 21.3 31.9#

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#17

tert-Butyl alcohol

Concen: 3.517 ppbv

RT: 4.36 min Scan# 442

Delta R.T. 0.01 min

Lab File: VL033804.D

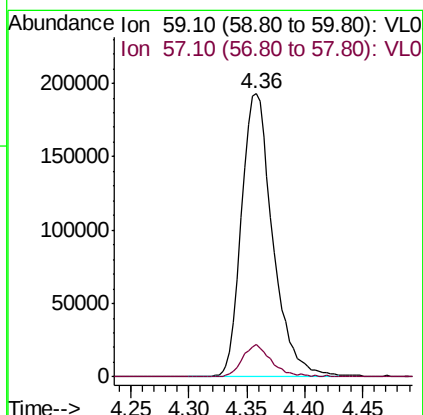
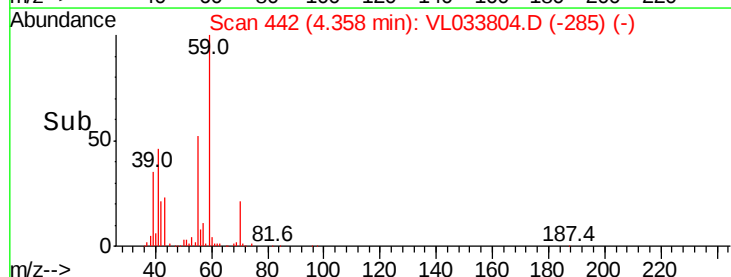
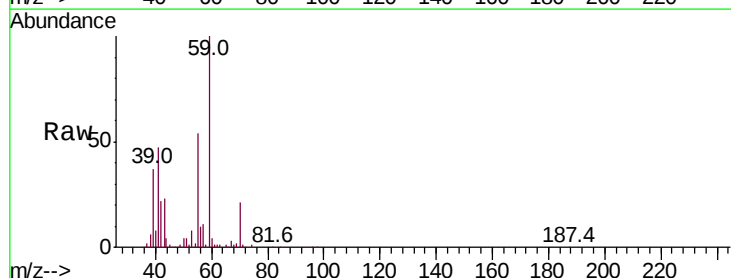
Acq: 28 May 2019 14:24

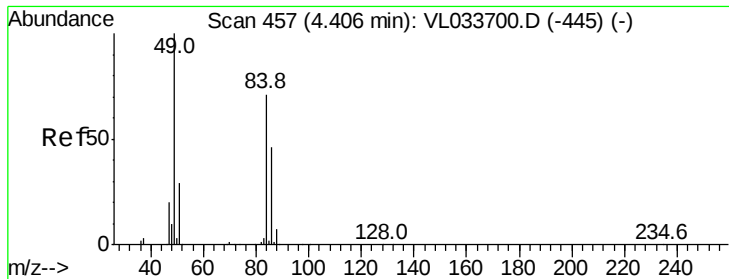
Tgt Ion: 59 Resp: 362110

Ion Ratio Lower Upper

59 100

57 11.0 8.4 12.6





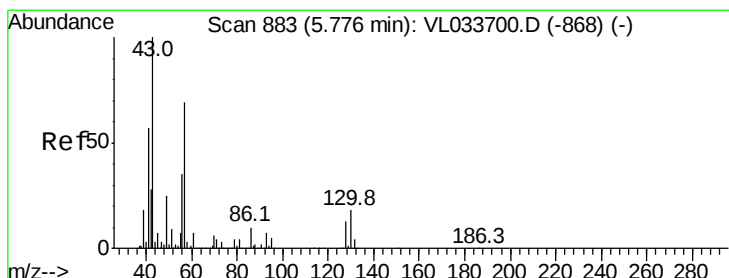
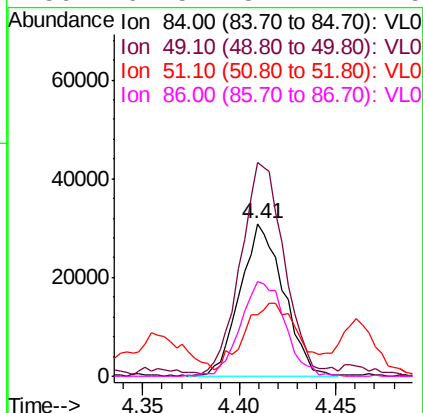
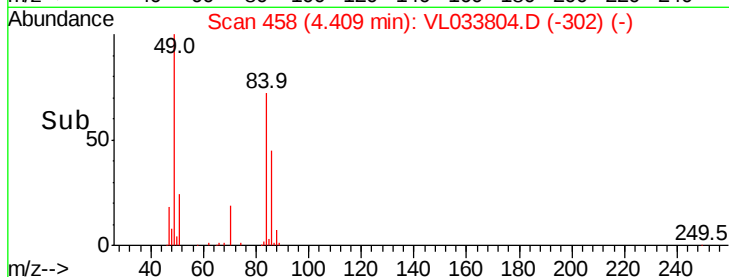
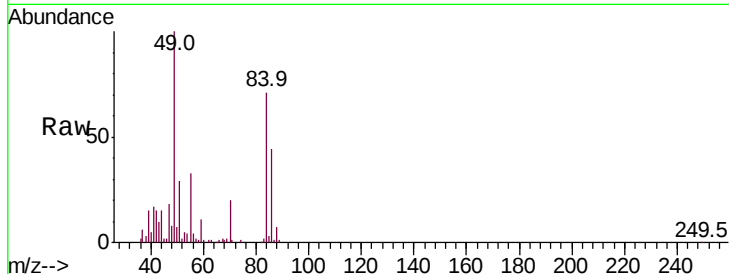
#20
Methvlene Chloride
Concen: 0.983 ppbv
RT: 4.41 min Scan# 458
Delta R.T. 0.00 min
Lab File: VL033804.D
Acq: 28 May 2019 14:24

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3007-55

Tot Ion	Ratio	Lower	Upper
84	100		
49	137.6	112.8	169.2
51	24.5	33.4	50.0#
86	61.5	51.7	77.5

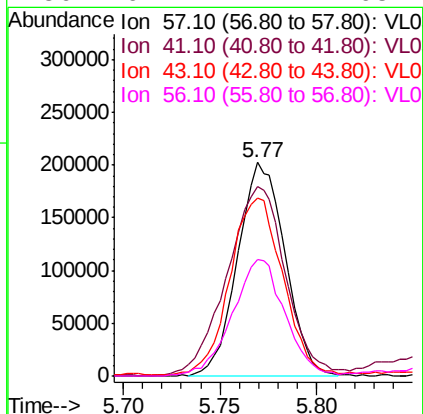
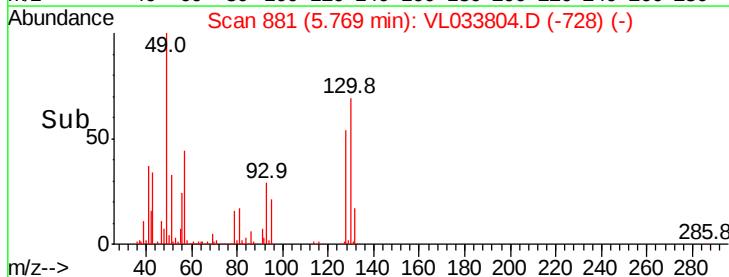
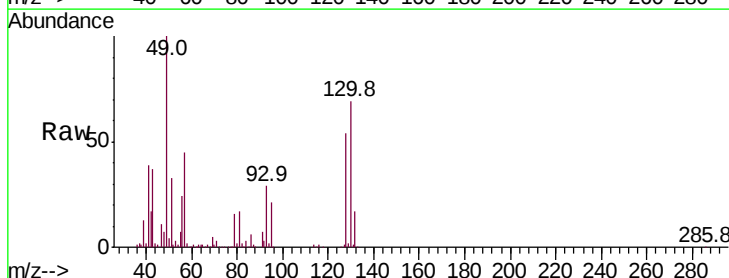
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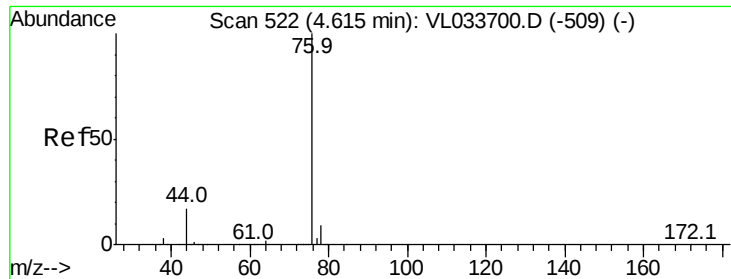
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#26
Hexane
Concen: 3.564 ppbv
RT: 5.77 min Scan# 881
Delta R.T. -0.01 min
Lab File: VL033804.D
Acq: 28 May 2019 14:24

Tgt Ion	Ratio	Lower	Upper
57	100		
41	109.6	69.8	104.6#
43	93.1	181.8	272.6#
56	61.1	42.1	63.1





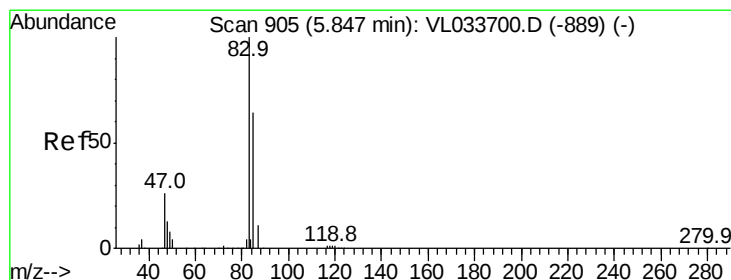
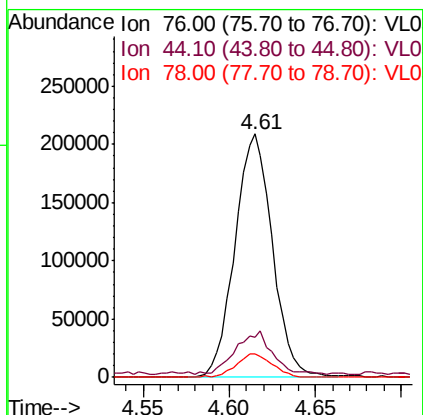
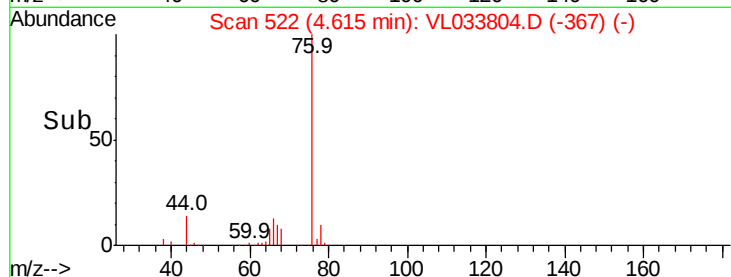
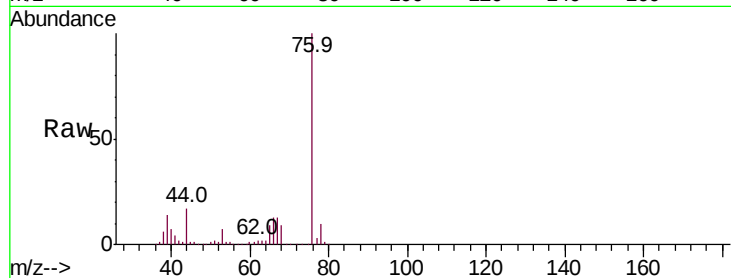
#27
Carbon Disulfide
Concen: 2.393 ppbv
RT: 4.61 min Scan# 522
Delta R.T. -0.00 min
Lab File: VL033804.D
Acq: 28 May 2019 14:24

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3007-55

Tot Ion	Ratio	Lower	Upper
76	100		
44	17.7	13.8	20.8
78	9.6	7.4	11.0

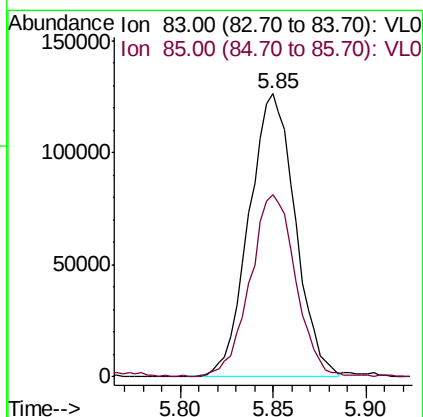
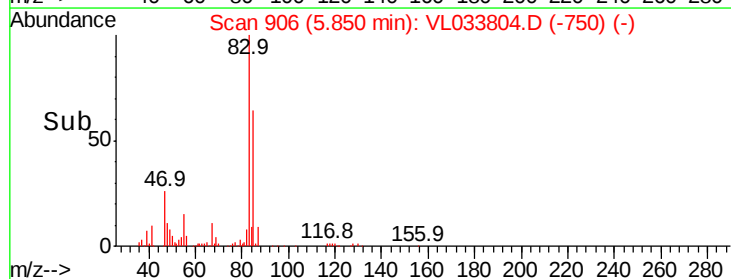
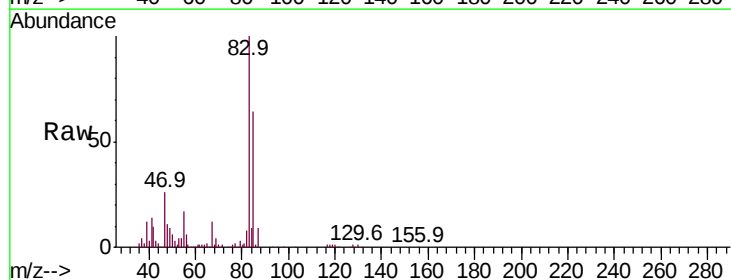
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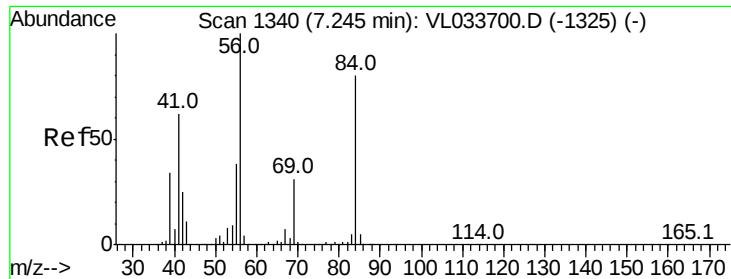
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#29
Chloroform
Concen: 1.236 ppbv
RT: 5.85 min Scan# 906
Delta R.T. 0.00 min
Lab File: VL033804.D
Acq: 28 May 2019 14:24

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	51.5	77.3





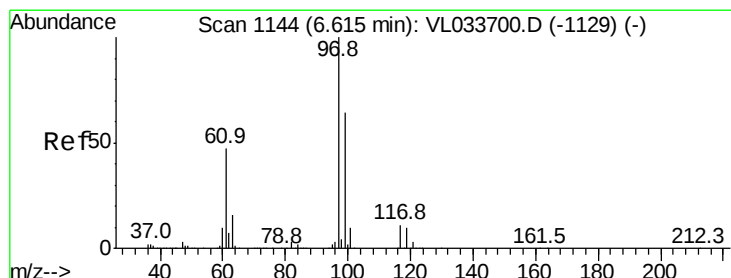
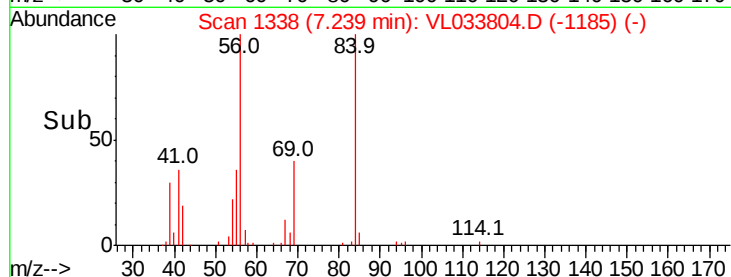
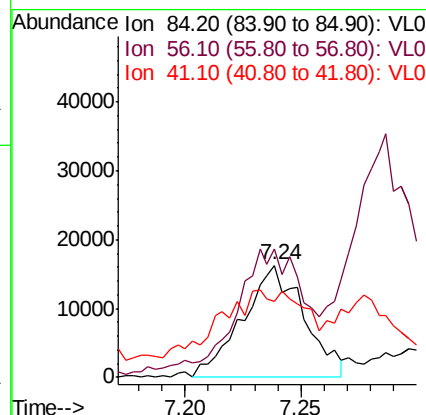
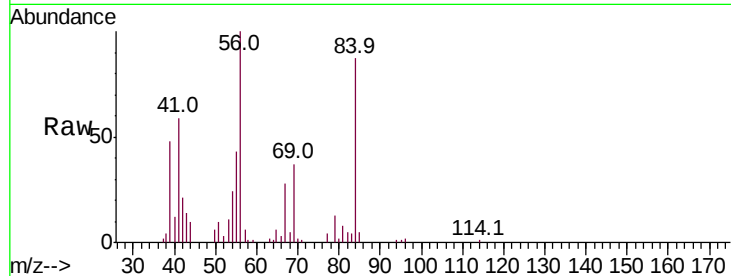
#30
Cvclohexane
Concen: 0.374 ppbv m
RT: 7.24 min Scan# 1338
Delta R.T. -0.01 min
Lab File: VL033804.D
Acq: 28 May 2019 14:24

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3007-55

Tot Ion	Ratio	Lower	Upper
84	100		
56	0.0	107.7	161.5#
41	0.0	66.0	99.0#

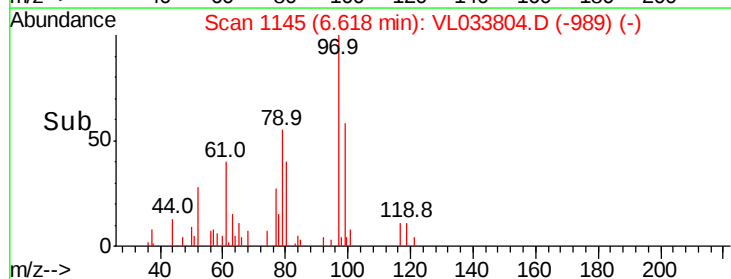
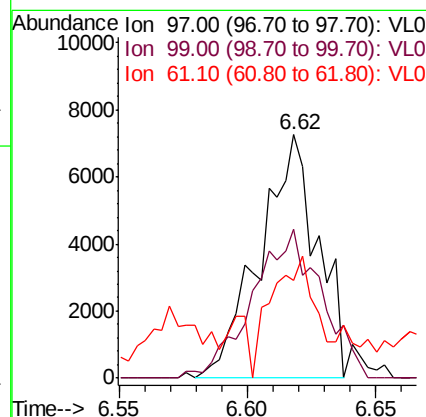
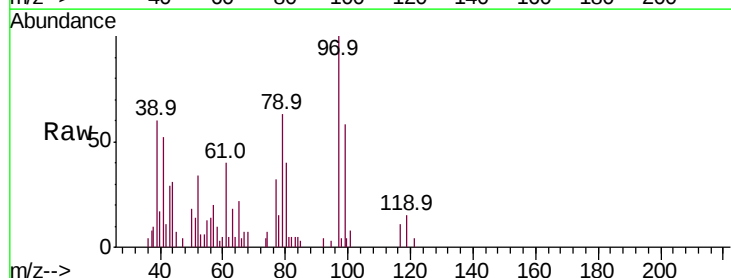
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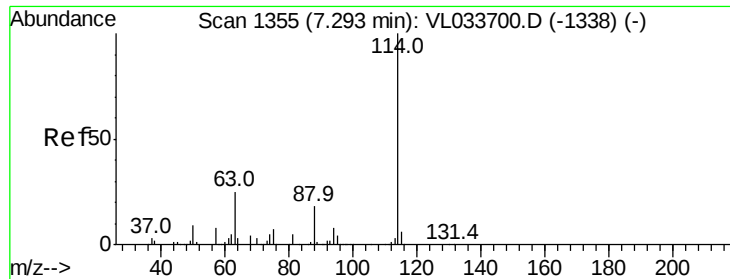
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#32
1,1,1-Trichloroethane
Concen: 0.064 ppbv m
RT: 6.62 min Scan# 1145
Delta R.T. 0.00 min
Lab File: VL033804.D
Acq: 28 May 2019 14:24

Tgt Ion	Ratio	Lower	Upper
97	100		
99	72.8	51.5	77.3
61	67.1	37.8	56.8#





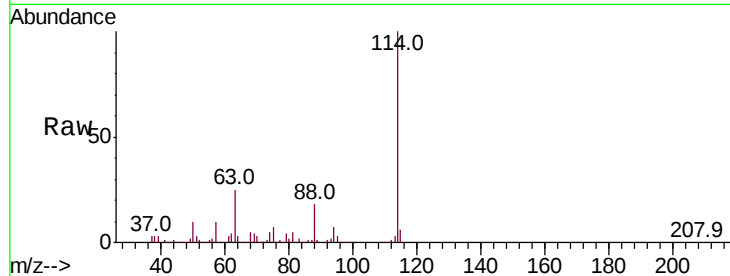
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.29 min Scan# 1354
 Delta R.T. -0.00 min
 Lab File: VL033804.D
 Acq: 28 May 2019 14:24

Instrument :
 MSVOA_L
 ClientSampleId :
 BPS1-SG-3007-55

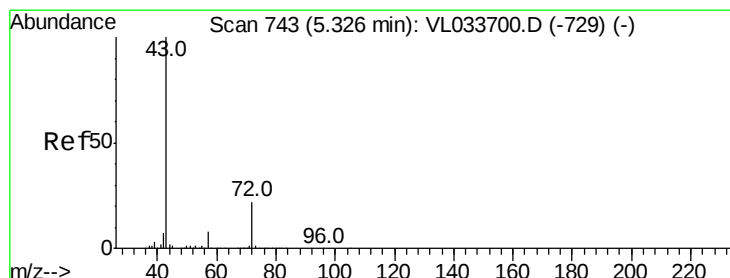
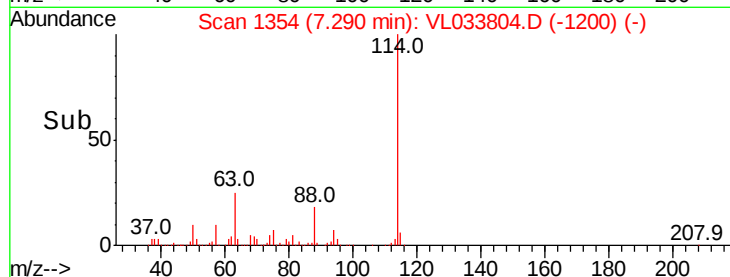
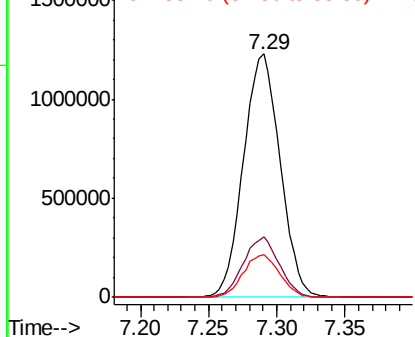
Tot Ion	Ratio	Lower	Upper
114	100		
63	24.6	20.9	31.3
88	17.6	14.3	21.5

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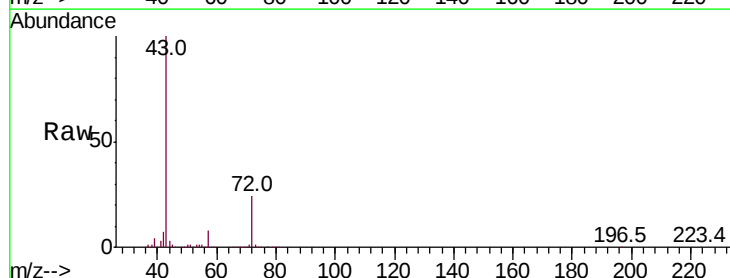


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

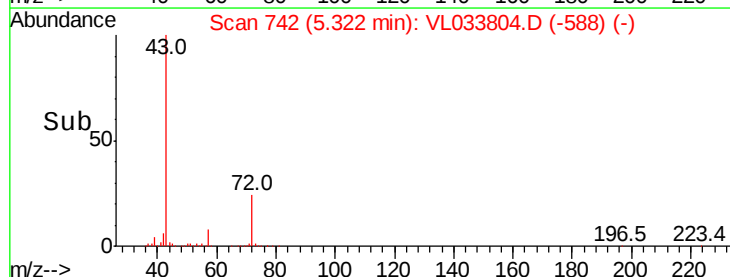
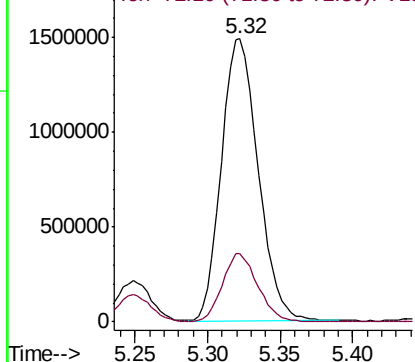


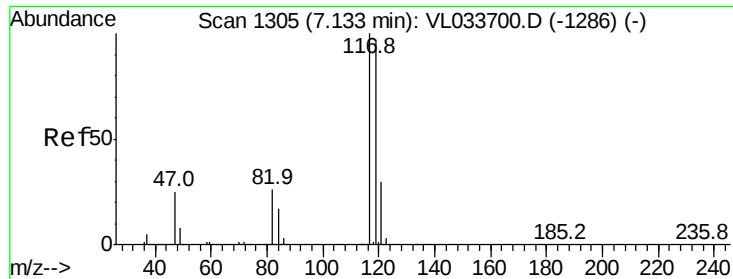
#34
 2-Butanone
 Concen: 18.331 ppbv
 RT: 5.32 min Scan# 742
 Delta R.T. -0.00 min
 Lab File: VL033804.D
 Acq: 28 May 2019 14:24

Tgt Ion	Ratio	Lower	Upper
43	100		
72	23.4	17.8	26.6



Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 72.10 (71.80 to 72.80): VL0





#35

Carbon Tetrachloride

Concen: 0.029 ppbv m

RT: 7.13 min Scan# 1304

Delta R.T. -0.00 min

Lab File: VL033804.D

Acq: 28 May 2019 14:24

Instrument :

MSVOA_L

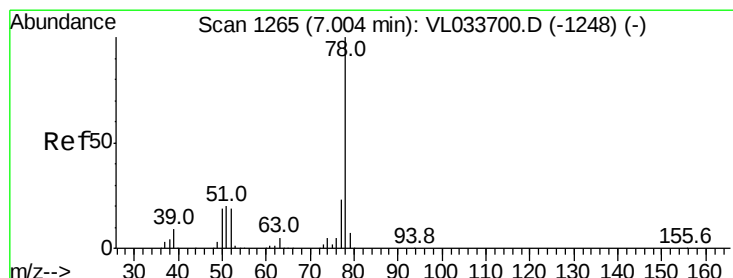
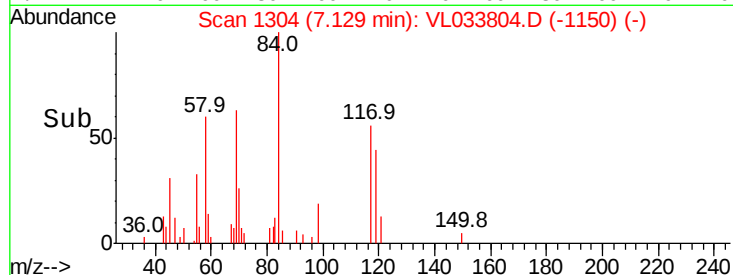
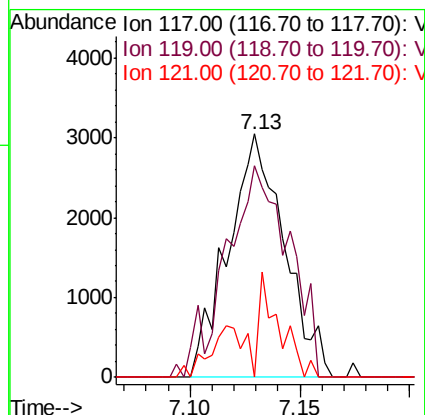
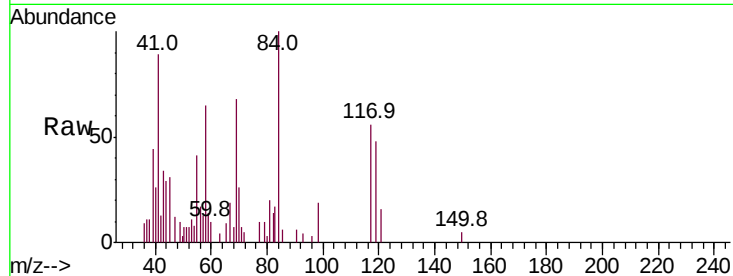
ClientSampleId :

BPS1-SG-3007-55

Tot Ion	Ratio	Lower	Upper
117	100		
119	86.9	77.2	115.8
121	0.0	24.1	36.1#

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#36

Benzene

Concen: 1.759 ppbv

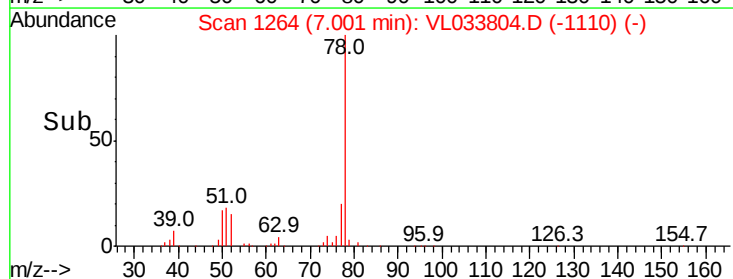
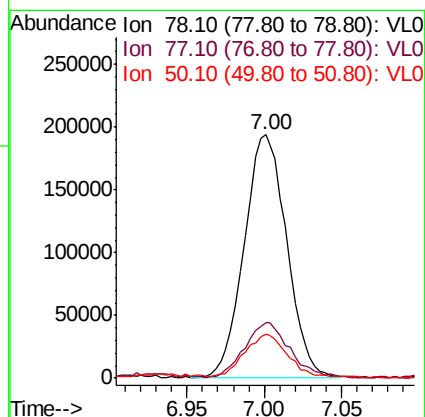
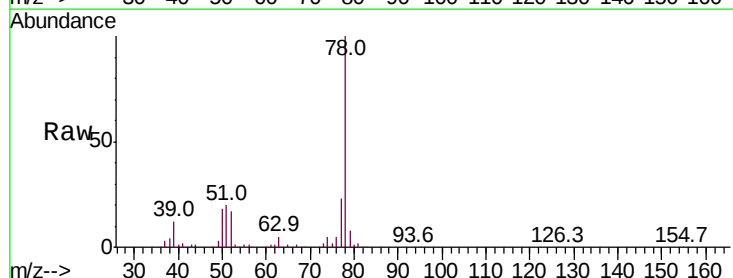
RT: 7.00 min Scan# 1264

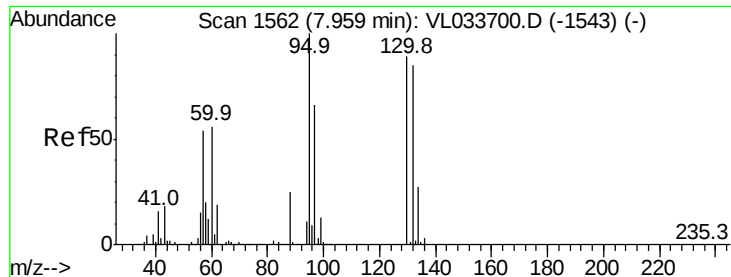
Delta R.T. -0.00 min

Lab File: VL033804.D

Acq: 28 May 2019 14:24

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.1	18.4	27.6
50	17.6	15.5	23.3





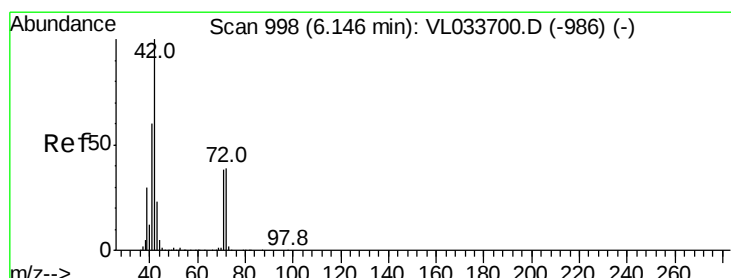
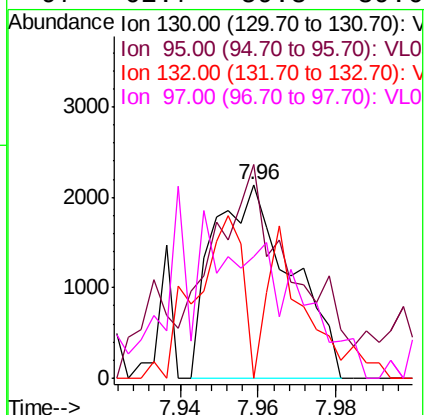
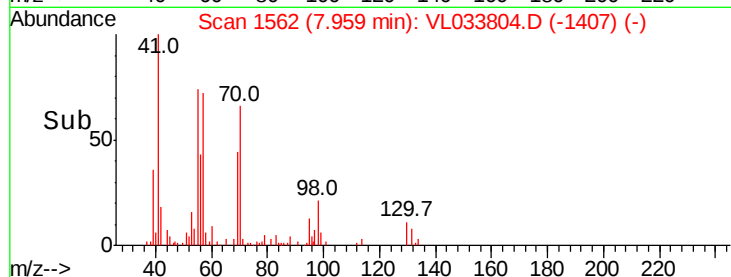
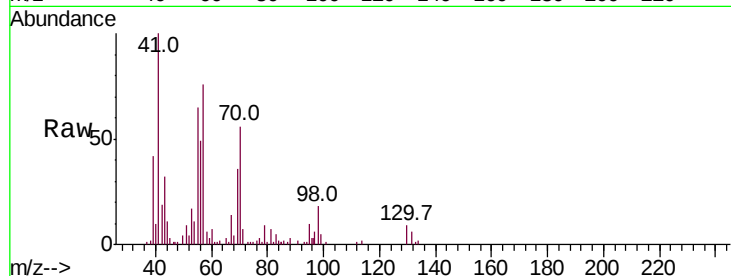
#38
 Trichloroethene
 Concen: 0.038 ppbv m
 RT: 7.96 min Scan# 1562
 Delta R.T. -0.00 min
 Lab File: VL033804.D
 Acq: 28 May 2019 14:24

Instrument :
 MSVOA_L
 ClientSampleId :
 BPS1-SG-3007-55

Tot Ion	Ratio	Lower	Upper
130	100		
95	110.5	90.2	135.4
132	0.0	76.4	114.6#
97	62.7	59.8	89.6

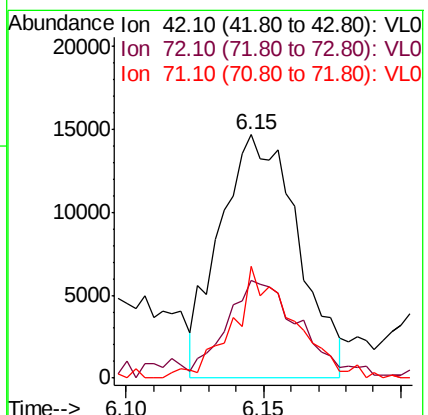
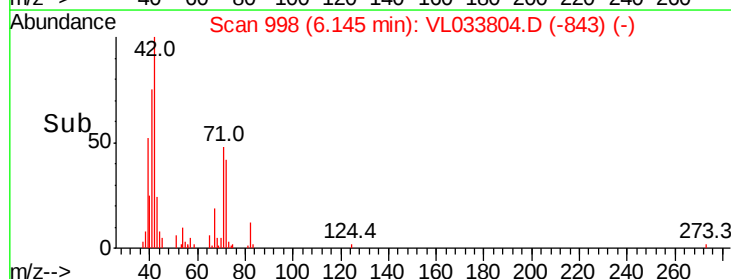
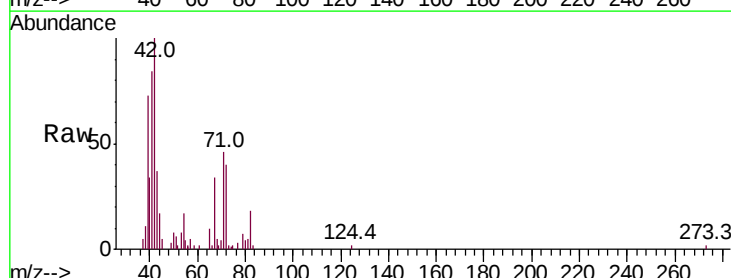
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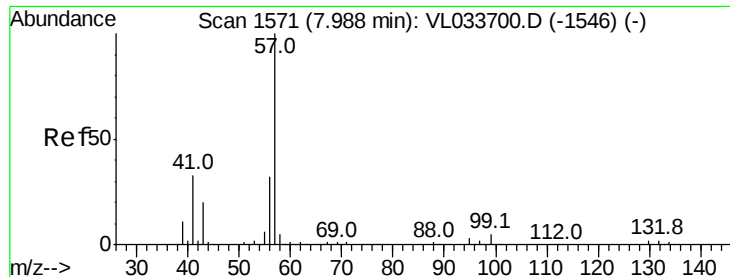
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#41
 Tetrahydrofuran
 Concen: 0.365 ppbv m
 RT: 6.15 min Scan# 998
 Delta R.T. -0.00 min
 Lab File: VL033804.D
 Acq: 28 May 2019 14:24

Tgt Ion	Ratio	Lower	Upper
42	100		
72	43.5	32.0	48.0
71	36.3	30.4	45.6





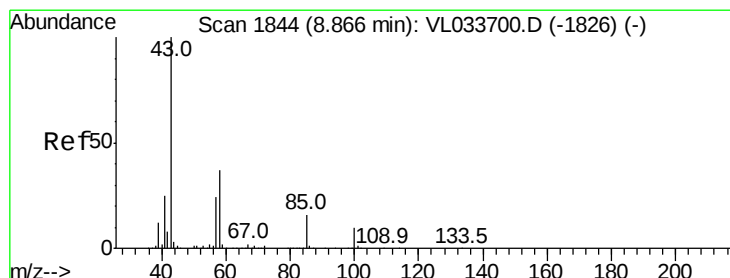
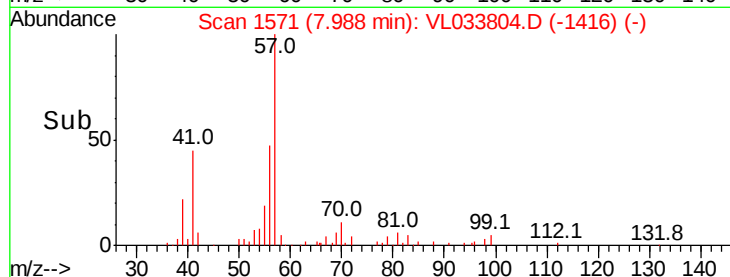
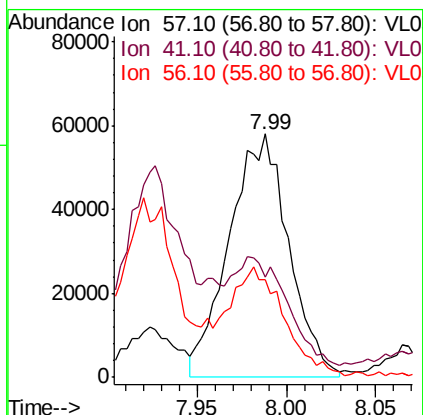
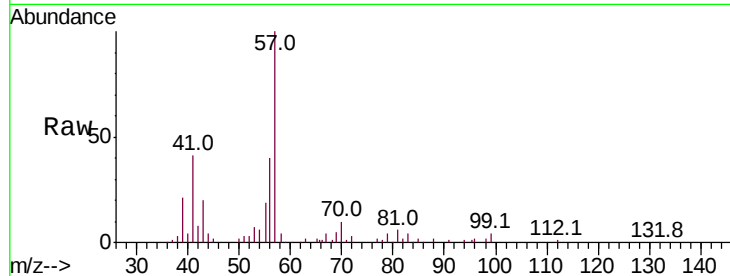
#44
 2,2,4-Trimethylpentane
 Concen: 0.379 ppbv m
 RT: 7.99 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: VL033804.D
 Acq: 28 May 2019 14:24

Instrument :
 MSVOA_L
 ClientSampleId :
 BPS1-SG-3007-55

Tot Ion	Ratio	Lower	Upper
57	100		
41	0.0	25.4	38.0#
56	0.0	24.7	37.1#

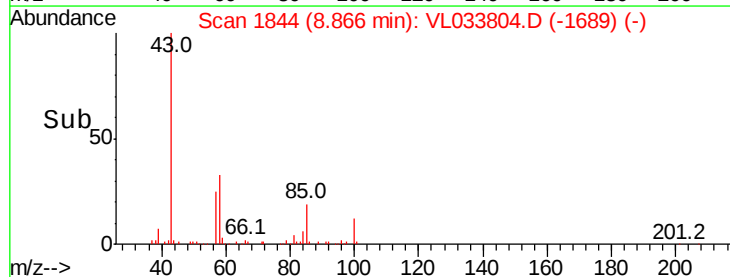
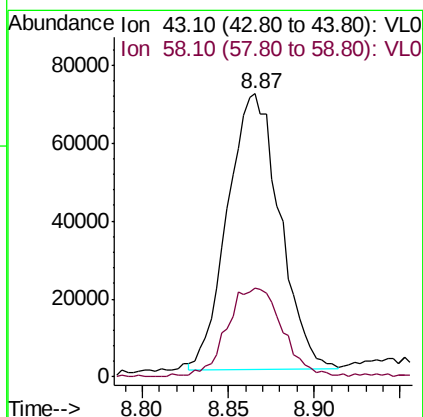
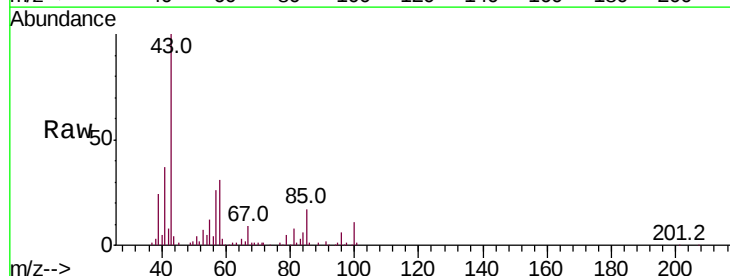
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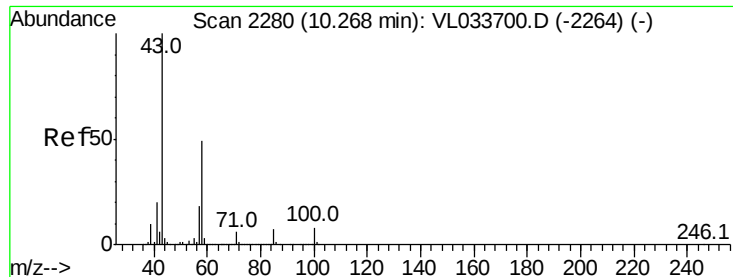
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#50
 4-Methyl-2-Pentanone
 Concen: 0.682 ppbv
 RT: 8.87 min Scan# 1844
 Delta R.T. -0.00 min
 Lab File: VL033804.D
 Acq: 28 May 2019 14:24

Tgt Ion	Ratio	Lower	Upper
43	100		
58	34.4	28.6	43.0





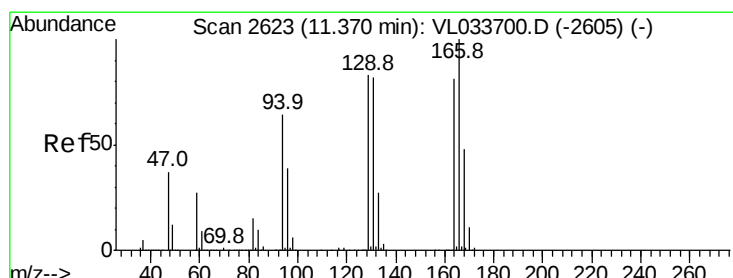
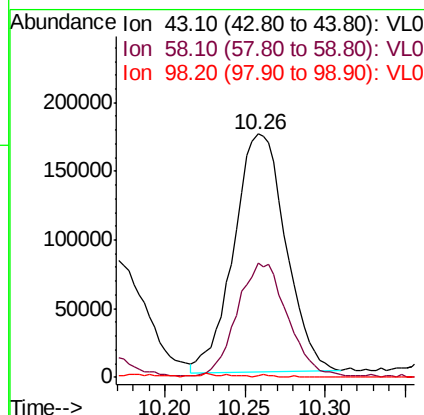
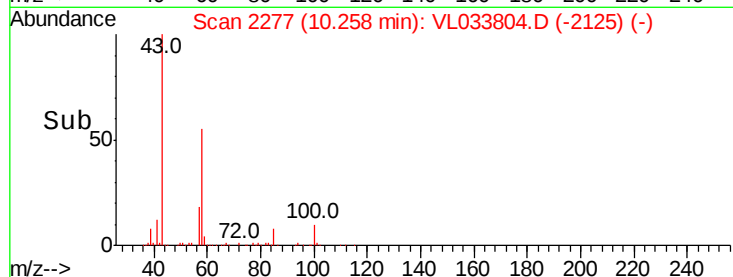
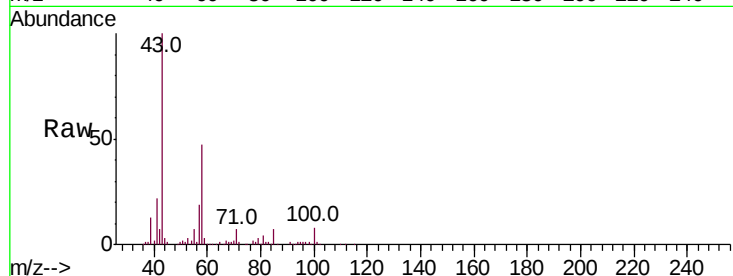
#51
2-Hexanone
Concen: 2.251 ppbv
RT: 10.26 min Scan# 2277
Delta R.T. -0.01 min
Lab File: VL033804.D
Acq: 28 May 2019 14:24

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3007-55

Tot Ion	Ratio	Lower	Upper
43	100		
58	47.3	38.7	58.1
98	1.7	0.2	0.4

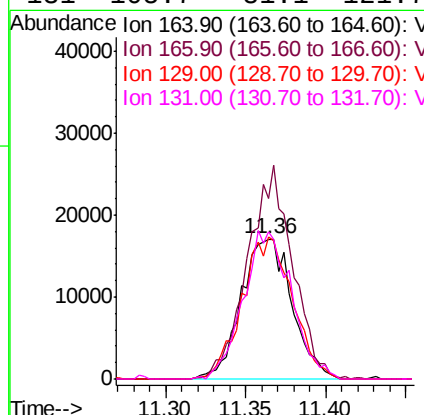
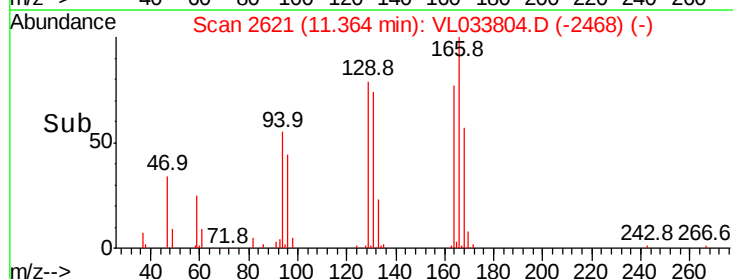
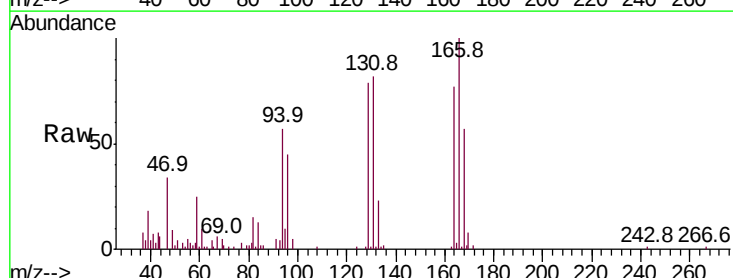
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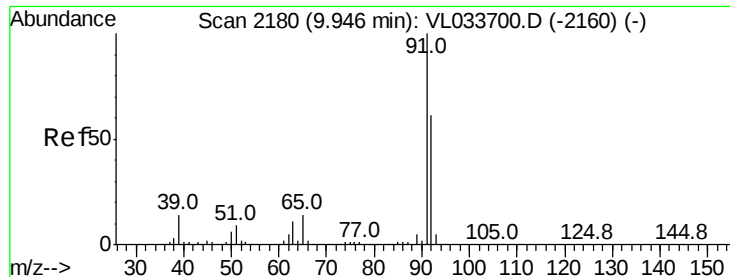
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#52
Tetrachloroethene
Concen: 0.505 ppbv
RT: 11.36 min Scan# 2621
Delta R.T. -0.01 min
Lab File: VL033804.D
Acq: 28 May 2019 14:24

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.1	98.9	148.3
129	101.6	81.8	122.6
131	105.7	81.1	121.7





#53

Toluene

Concen: 12.263 ppbv

RT: 9.94 min Scan# 2178

Delta R.T. -0.01 min

Lab File: VL033804.D

Acq: 28 May 2019 14:24

Instrument :

MSVOA_L

ClientSampleId :

BPS1-SG-3007-55

Tot Ion: 91 Resp: 2765061

Ion Ratio Lower Upper

91 100

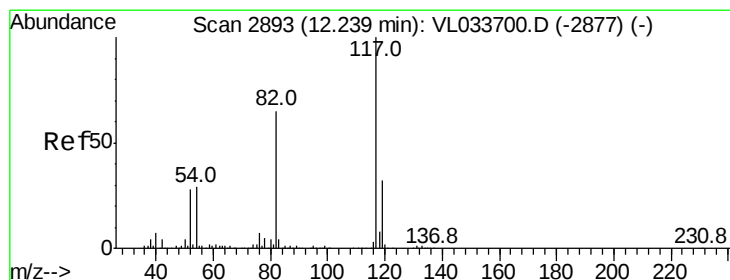
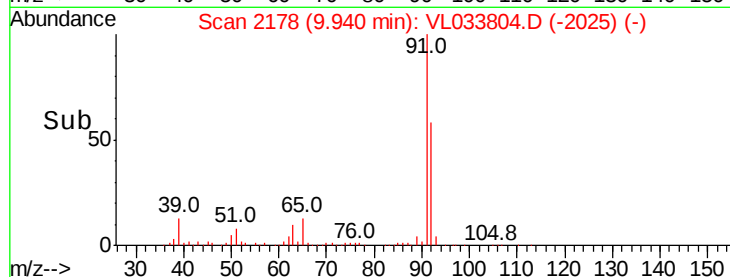
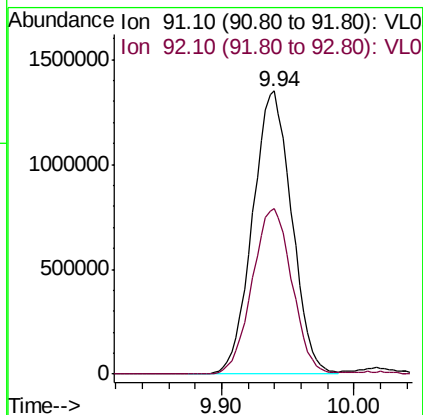
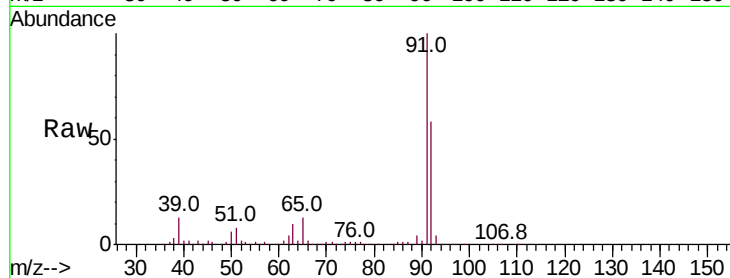
92 59.7 47.6 71.4

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.23 min Scan# 2890

Delta R.T. -0.01 min

Lab File: VL033804.D

Acq: 28 May 2019 14:24

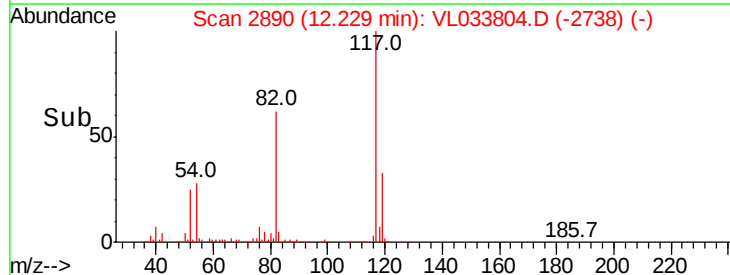
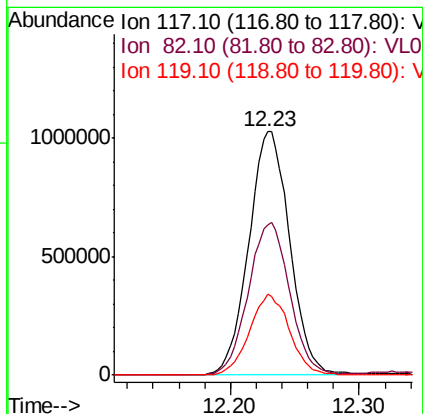
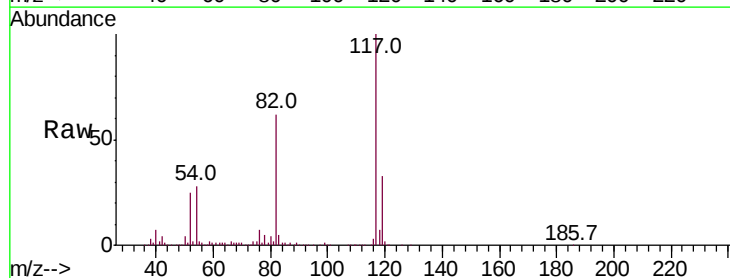
Tgt Ion: 117 Resp: 2271702

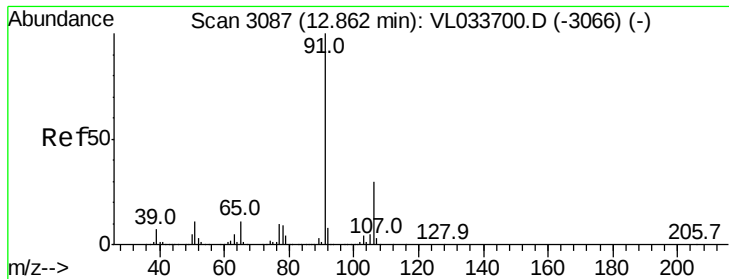
Ion Ratio Lower Upper

117 100

82 63.5 49.4 74.0

119 32.7 24.9 37.3





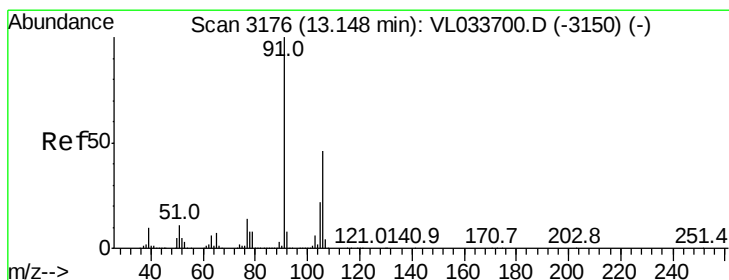
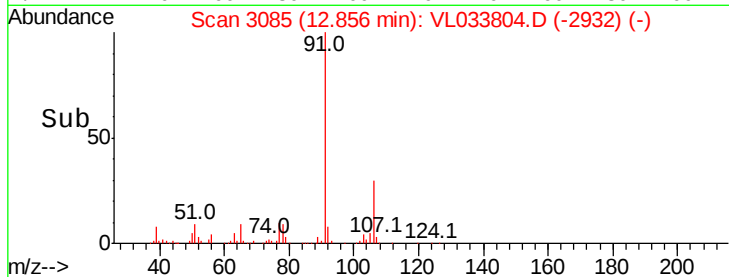
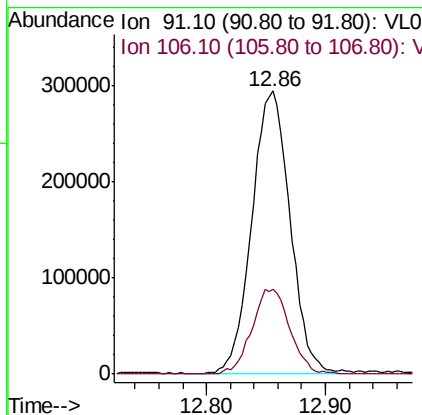
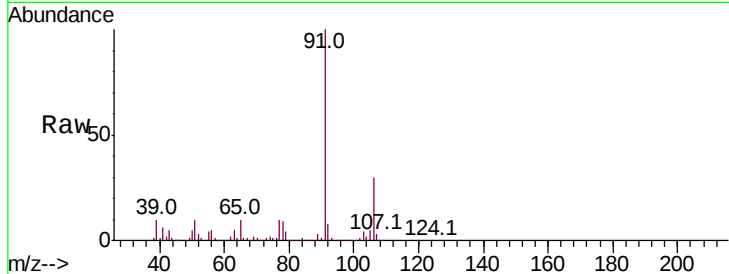
#58
Ethyl Benzene
Concen: 2.174 ppbv
RT: 12.86 min Scan# 3085
Delta R.T. -0.01 min
Lab File: VL033804.D
Acq: 28 May 2019 14:24

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3007-55

Tot Ion	91	Resp	654041
Ion Ratio	100	Lower	Upper
106	30.2	23.9	35.9

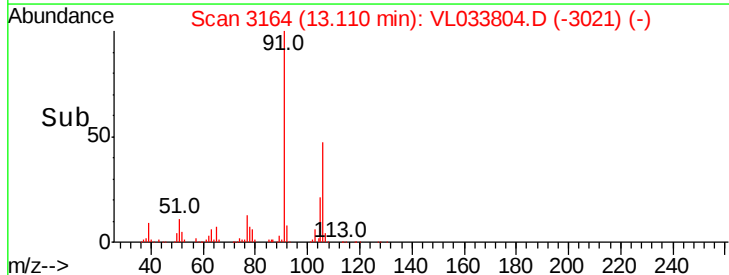
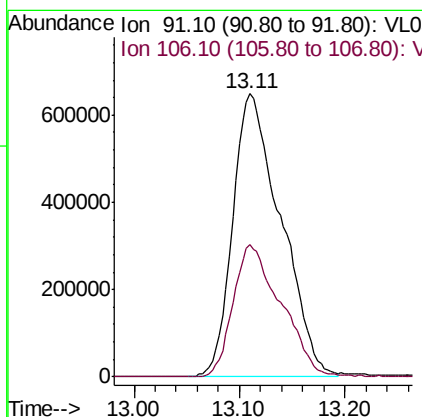
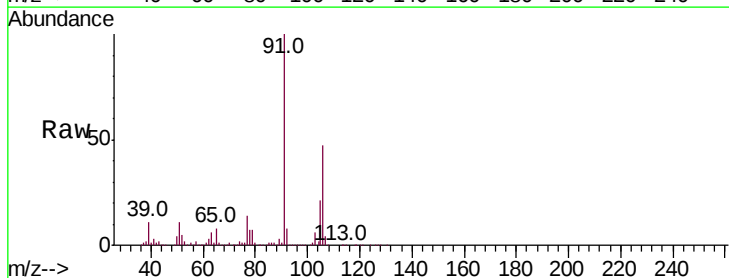
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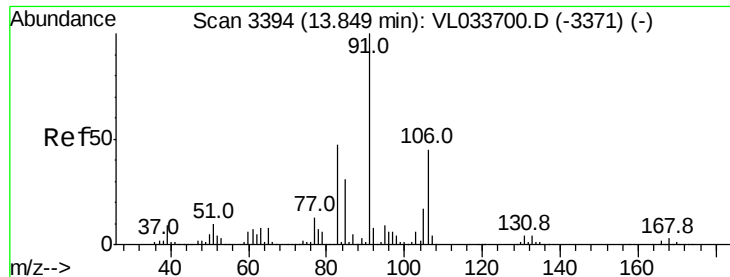
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#59
m/p-Xylene
Concen: 7.781 ppbv
RT: 13.11 min Scan# 3164
Delta R.T. -0.04 min
Lab File: VL033804.D
Acq: 28 May 2019 14:24

Tgt Ion	91	Resp	2046152
Ion Ratio	100	Lower	Upper
106	47.0	35.8	53.6





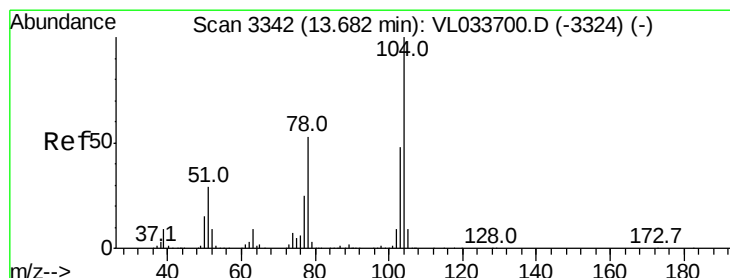
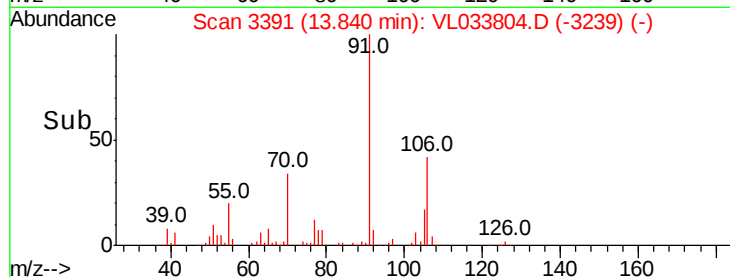
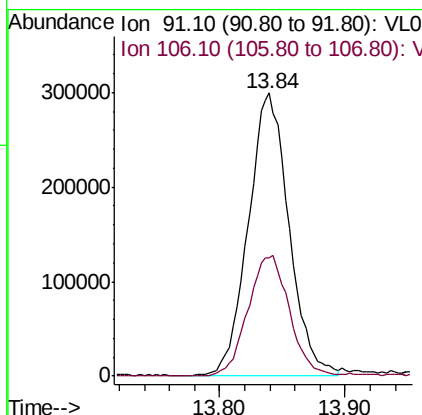
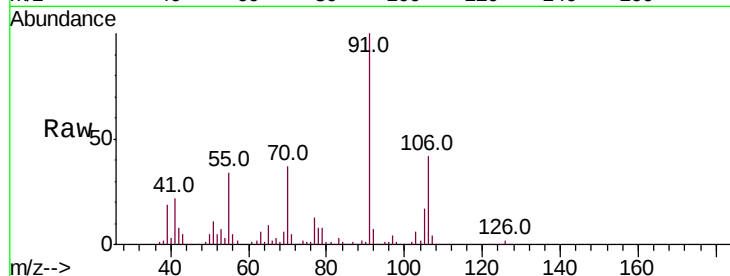
#60
o-Xylene
Concen: 2.536 ppbv
RT: 13.84 min Scan# 3391
Delta R.T. -0.01 min
Lab File: VL033804.D
Acq: 28 May 2019 14:24

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3007-55

Tot Ion: 91 Resp: 672236
Ion Ratio Lower Upper
91 100
106 44.6 21.6 64.8

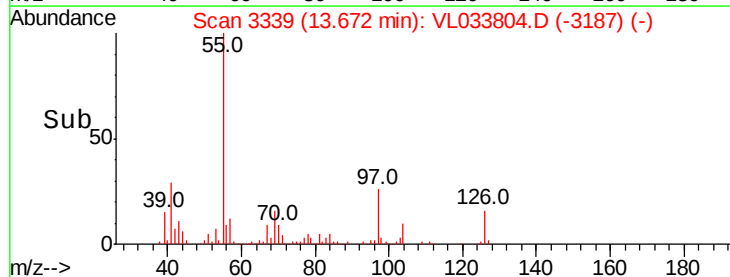
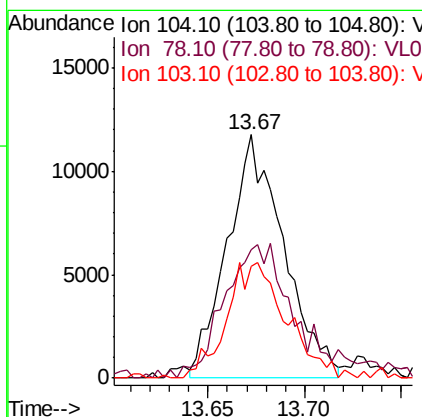
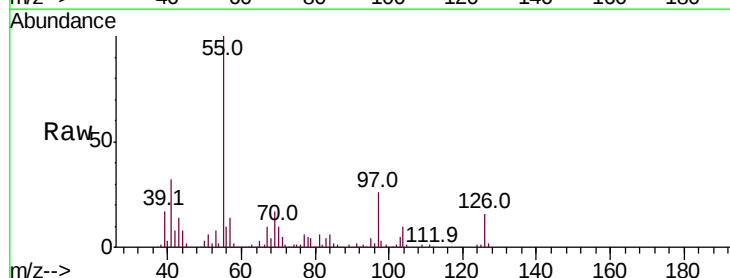
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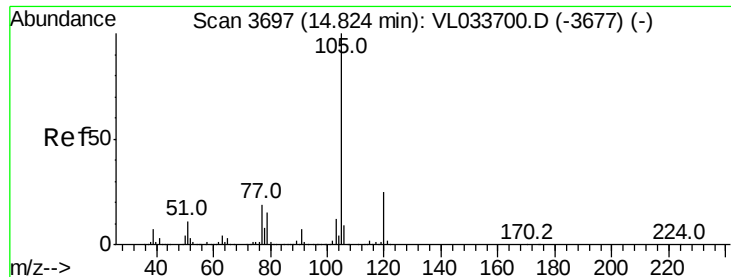
apatel
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#61
Styrene
Concen: 0.134 ppbv m
RT: 13.67 min Scan# 3339
Delta R.T. -0.01 min
Lab File: VL033804.D
Acq: 28 May 2019 14:24

Tgt Ion:104 Resp: 23926
Ion Ratio Lower Upper
104 100
78 0.0 42.6 64.0#
103 51.1 37.8 56.6





#62

Isopropylbenzene

Concen: 0.141 ppbv m

RT: 14.81 min Scan# 3693

Delta R.T. -0.01 min

Lab File: VL033804.D

Acq: 28 May 2019 14:24

Instrument :

MSVOA_L

ClientSampleId :

BPS1-SG-3007-55

Tot Ion:105 Resp: 50429

Ion Ratio Lower Upper

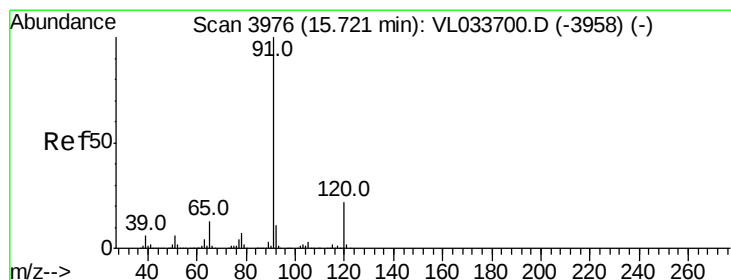
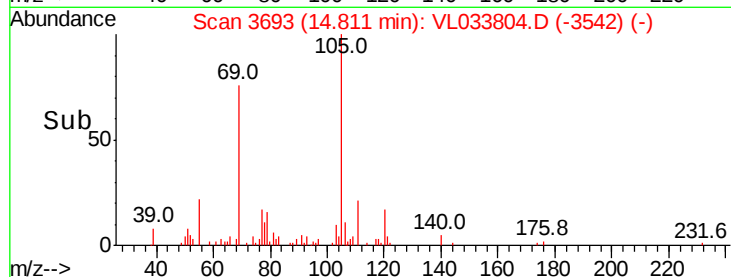
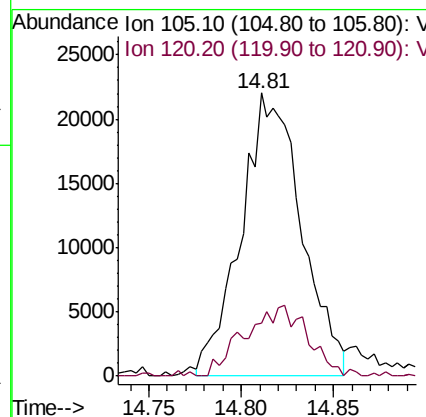
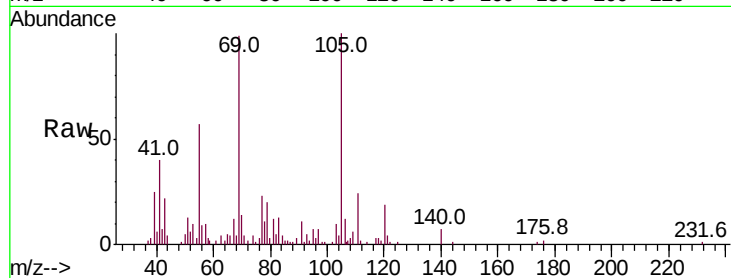
105 100

120 0.0 20.1 30.1#

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5/29/2019 12:40:04 PM



#64

n-propylbenzene

Concen: 0.543 ppbv m

RT: 15.71 min Scan# 3974

Delta R.T. -0.01 min

Lab File: VL033804.D

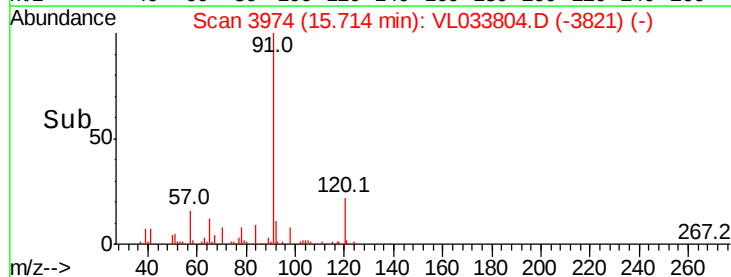
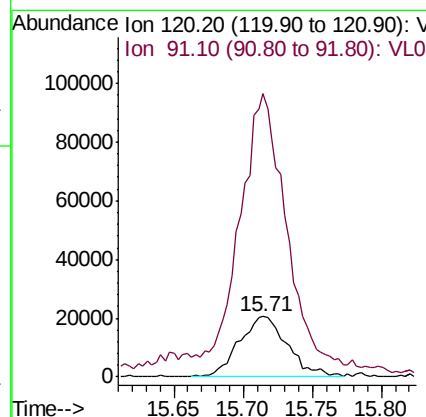
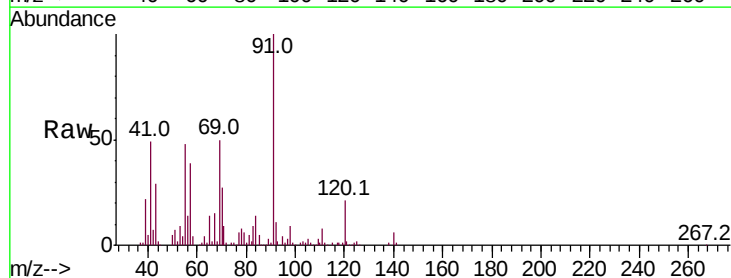
Acq: 28 May 2019 14:24

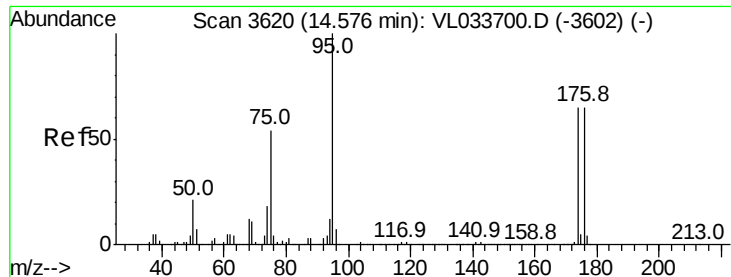
Tgt Ion:120 Resp: 50132

Ion Ratio Lower Upper

120 100

91 501.6 379.1 568.7





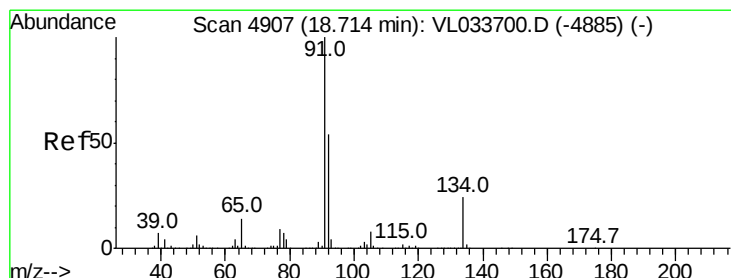
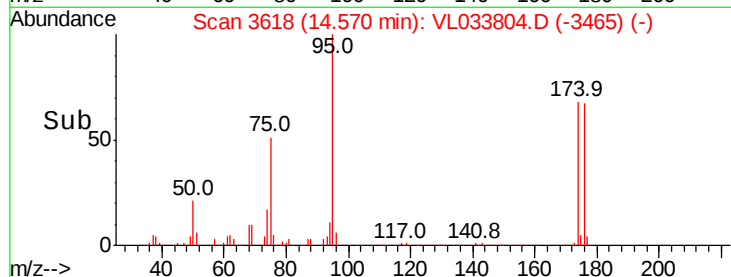
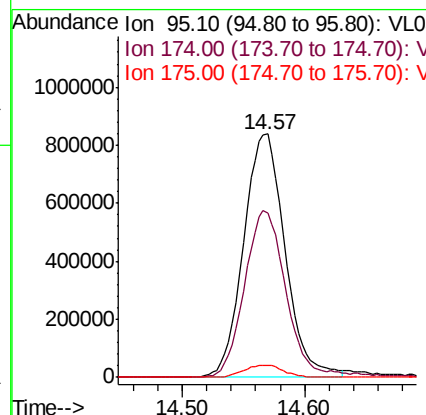
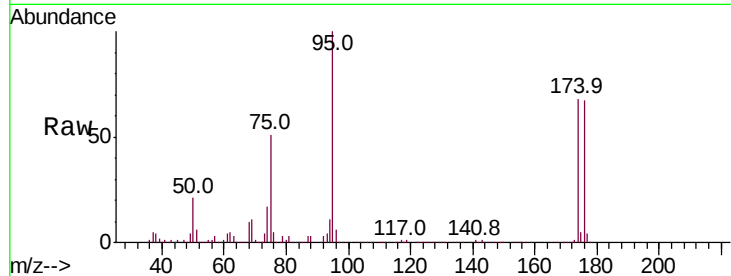
#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.640 ppbv
 RT: 14.57 min Scan# 3618
 Delta R.T. -0.01 min
 Lab File: VL033804.D
 Acq: 28 May 2019 14:24

Instrument :
 MSVOA_L
 ClientSampleId :
 BPS1-SG-3007-55

Tot Ion: 95 Resp: 1959572
 Ion Ratio Lower Upper
 95 100
 174 70.2 53.9 80.9
 175 5.1 3.8 5.8

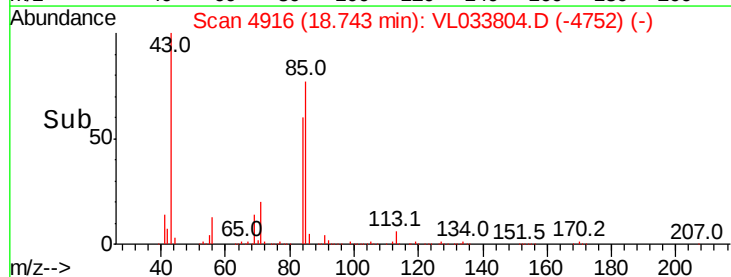
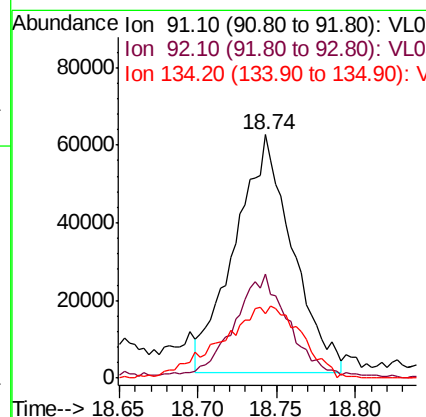
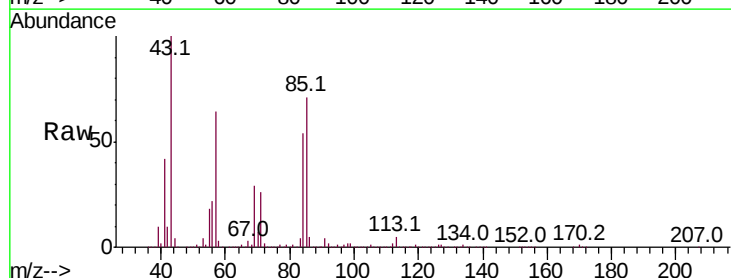
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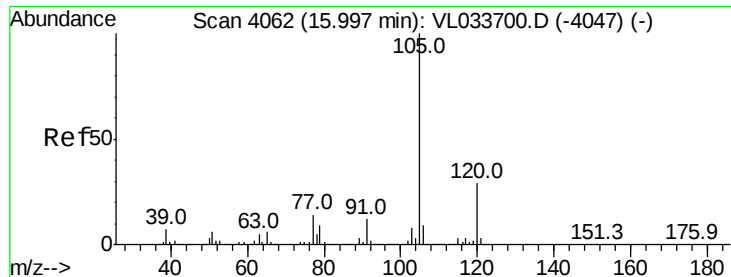
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#70
 n-Butylbenzene
 Concen: 0.383 ppbv m
 RT: 18.74 min Scan# 4916
 Delta R.T. 0.03 min
 Lab File: VL033804.D
 Acq: 28 May 2019 14:24

Tgt Ion: 91 Resp: 154683
 Ion Ratio Lower Upper
 91 100
 92 0.0 42.6 63.8#
 134 0.0 18.1 27.1#





#72

4-Ethyltoluene

Concen: 0.807 ppbv

RT: 15.99 min Scan# 4061

Delta R.T. -0.00 min

Lab File: VL033804.D

Acq: 28 May 2019 14:24

Instrument :

MSVOA_L

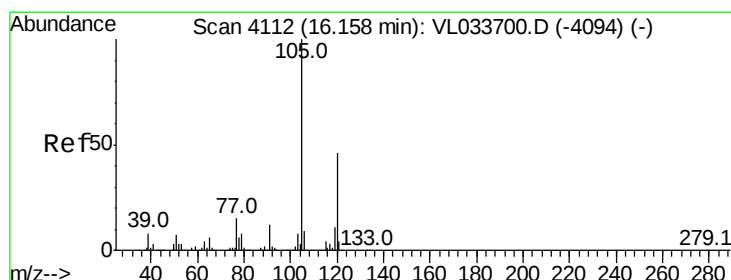
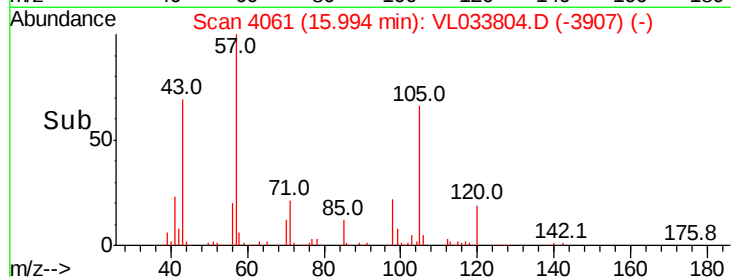
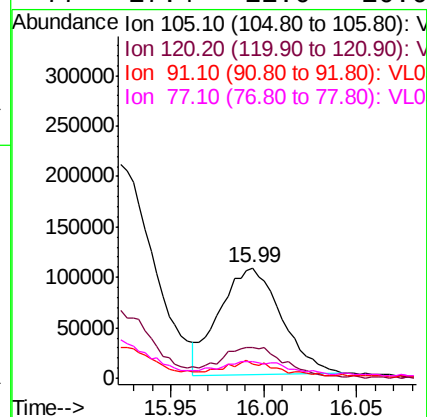
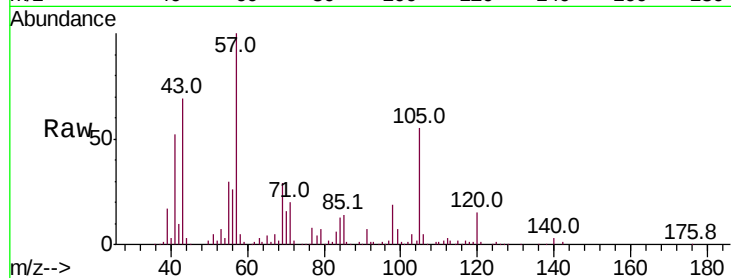
ClientSampleId :

BPS1-SG-3007-55

Tot Ion:	105	Resp:	244561
Ion Ratio	Lower	Upper	
105	100		
120	33.5	23.1	34.7
91	15.8	10.4	15.6
77	17.4	11.0	16.6

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#73

1,3,5-Trimethylbenzene

Concen: 0.608 ppbv m

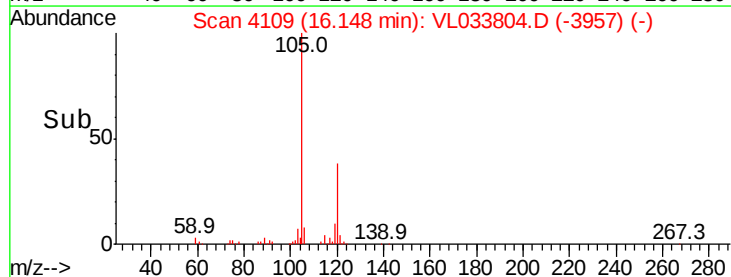
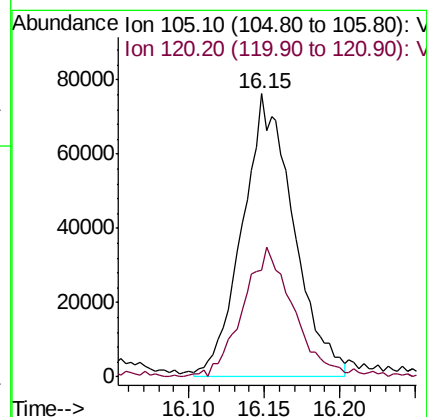
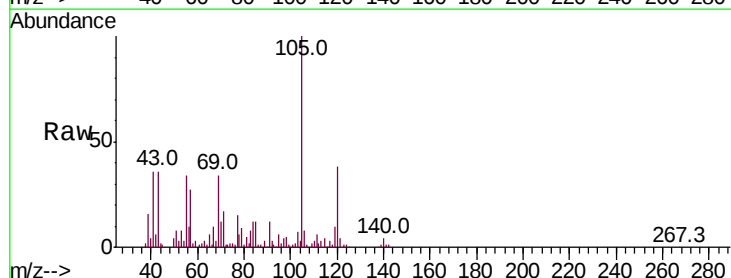
RT: 16.15 min Scan# 4109

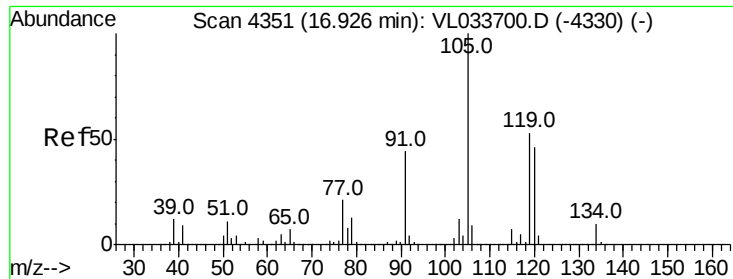
Delta R.T. -0.01 min

Lab File: VL033804.D

Acq: 28 May 2019 14:24

Tgt Ion:	105	Resp:	179771
Ion Ratio	Lower	Upper	
105	100		
120	37.6	37.0	55.4





#74

1,2,4-Trimethylbenzene

Concen: 1.987 ppbv

RT: 16.92 min Scan# 4350

Delta R.T. -0.00 min

Lab File: VL033804.D

Acq: 28 May 2019 14:24

Instrument :

MSVOA_L

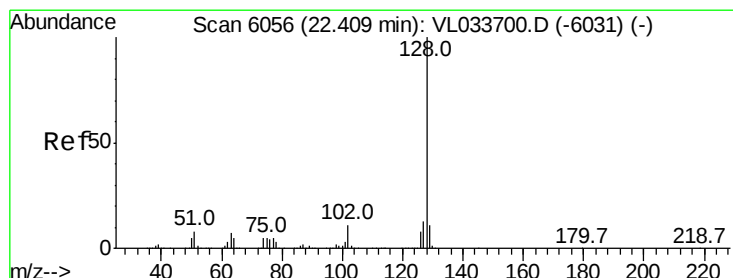
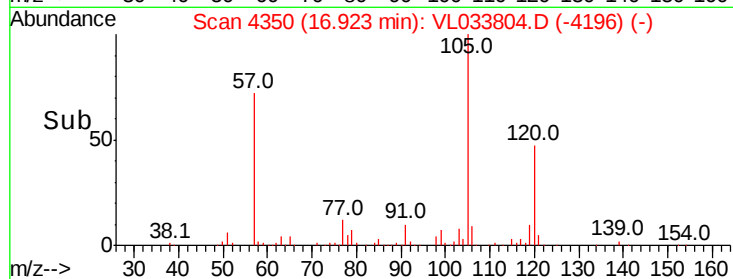
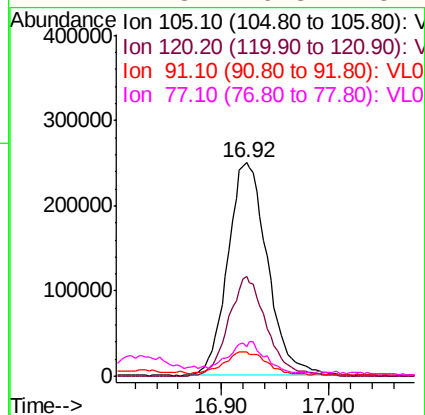
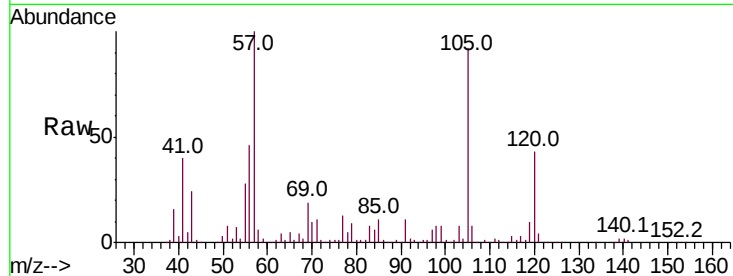
ClientSampleId :

BPS1-SG-3007-55

Tot Ion	Ratio	Resp	Lower	Upper
105	100	639604		
120	46.9		36.8	55.2
91	10.8		35.4	53.0#
77	12.8		16.8	25.2#

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#79

Naphthalene

Concen: 0.419 ppbv

RT: 22.42 min Scan# 6060

Delta R.T. 0.01 min

Lab File: VL033804.D

Acq: 28 May 2019 14:24

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	125250		
127	9.2		10.6	16.0#
129	8.3		8.9	13.3#

