

Data File : VL033819.D
Acq On : 29 May 2019 1:51
Operator : SY/AP
Sample : K2960-07DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3011-55DL

Quant Time: May 29 05:33:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL051719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri May 17 08:15:41 2019
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	996653	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2507876	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.23	117	2241538	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.57	95	1955022	10.76	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	107.60%

Target Compounds

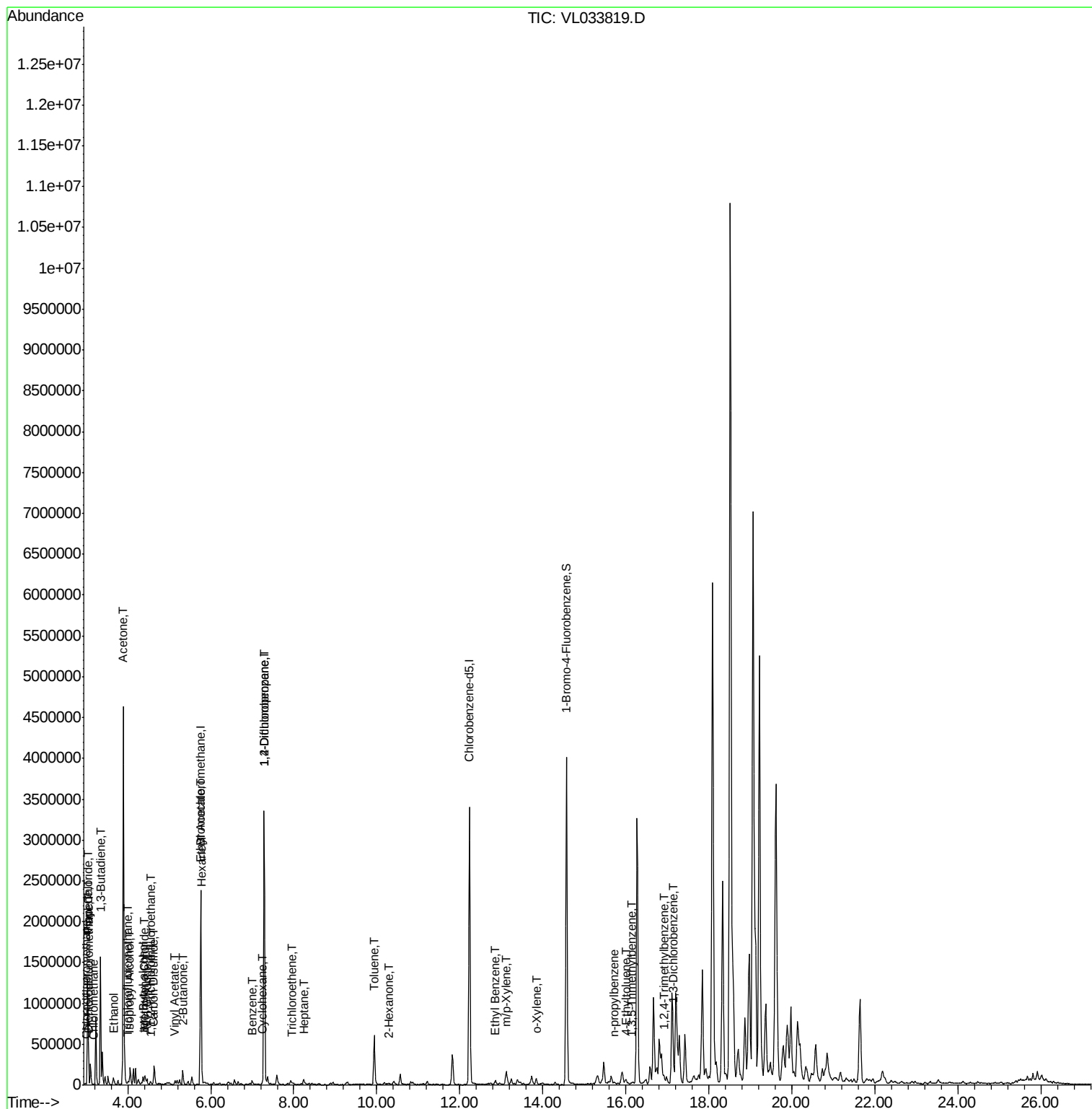
						Qvalue
2) Dichlorodifluoromethane	3.08	85	9368	0.045	ppbv	92
3) Chlorodifluoromethane	2.98	51	14475	0.127	ppbv #	73
4) Chloromethane	3.17	50	1814	0.028	ppbv #	60
5) Vinyl Chloride	3.05	62	1881	0.028	ppbv #	57
9) Propene	3.03	41	537405	11.067	ppbv	92
10) Heptane	8.24	43	23754	0.173	ppbv	96
11) Trichlorofluoromethane	4.00	101	5303	0.026	ppbv	90
12) 1,1,2-Trichlorotrifluoroet	4.55	101	11819	0.084	ppbv	97
13) Ethanol	3.65	45	38016	2.422	ppbv #	38
15) Acetone	3.89	43	4684652	33.878	ppbv	95
16) 1,3-Butadiene	3.34	39	414369	7.525	ppbv #	21
17) tert-Butyl alcohol	4.38	59	25025	0.224	ppbv #	86
19) Isopropyl Alcohol	4.04	45	30002	0.336	ppbv #	94
20) Methylene Chloride	4.41	84	33561	0.630	ppbv	90
21) Allyl Chloride	4.46	41	6946	0.081	ppbv #	1
23) Vinyl Acetate	5.14	43	10260	0.056	ppbv #	17
25) Ethyl Acetate	5.77	43	53575	0.221	ppbv #	88
26) Hexane	5.78	57	61292	0.587	ppbv #	40
27) Carbon Disulfide	4.62	76	10503	0.073	ppbv #	40
30) Cyclohexane	7.24	84	1290	0.015	ppbv #	1
34) 2-Butanone	5.33	43	202060	1.300	ppbv	97
36) Benzene	7.00	78	42180	0.185	ppbv #	91
38) Trichloroethene	7.96	130	966	0.011	ppbv #	62
39) 1,2-Dichloropropane	7.28	63	597882	7.030	ppbv #	22
51) 2-Hexanone	10.28	43	5481	0.029	ppbv #	29
53) Toluene	9.94	91	466180	1.895	ppbv	100
58) Ethyl Benzene	12.85	91	29599	0.100	ppbv	99
59) m/p-Xylene	13.12	91	98492	0.380	ppbv #	31
60) o-Xylene	13.84	91	56990	0.218	ppbv	100
64) n-propylbenzene	15.71	120	1511	0.017	ppbv #	1
72) 4-Ethyltoluene	15.99	105	9419	0.031	ppbv #	43
73) 1,3,5-Trimethylbenzene	16.15	105	15266	0.052	ppbv	91
74) 1,2,4-Trimethylbenzene	16.92	105	68445	0.216	ppbv #	74
75) 1,3-Dichlorobenzene	17.15	146	2530	0.013	ppbv #	23

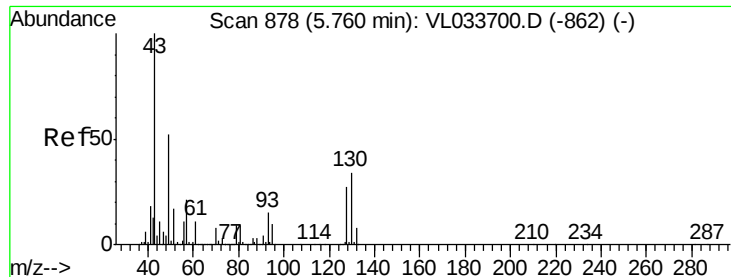
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 877

Delta R.T. -0.00 min

Lab File: VL033819.D

Acq: 29 May 2019 1:51

Instrument :

MSVOA_L

ClientSampleId :

BPS1-SG-3011-55DL

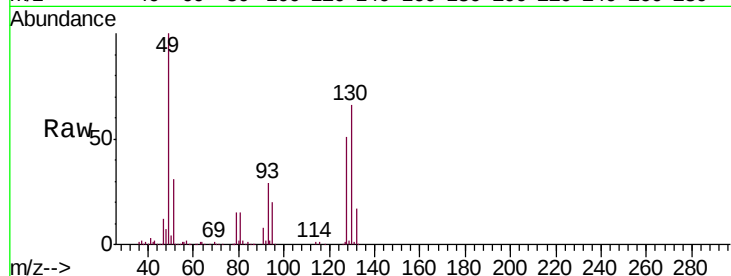
Tgt Ion: 49 Resp: 996653

Ion Ratio Lower Upper

49 100

128 52.6 25.2 75.6

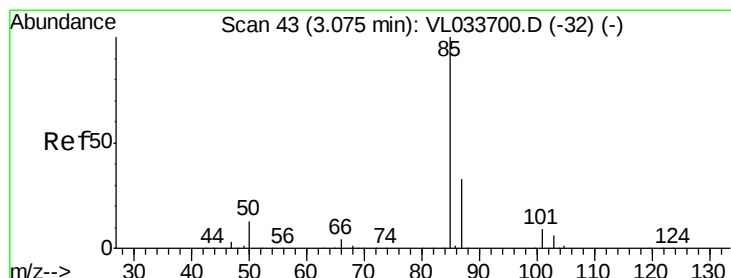
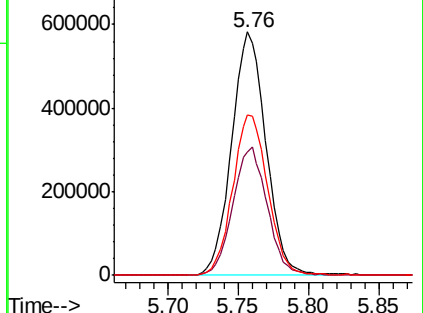
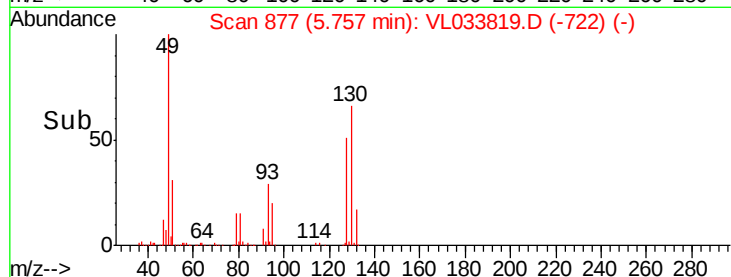
130 67.4 32.5 97.5



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 0.045 ppbv

RT: 3.08 min Scan# 43

Delta R.T. 0.00 min

Lab File: VL033819.D

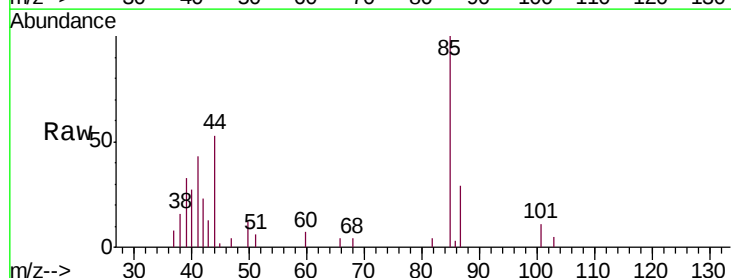
Acq: 29 May 2019 1:51

Tgt Ion: 85 Resp: 9368

Ion Ratio Lower Upper

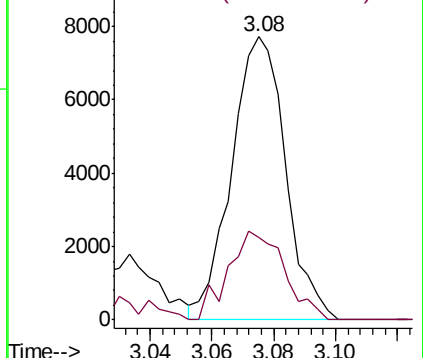
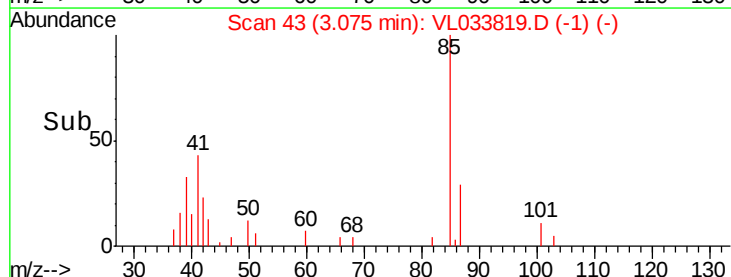
85 100

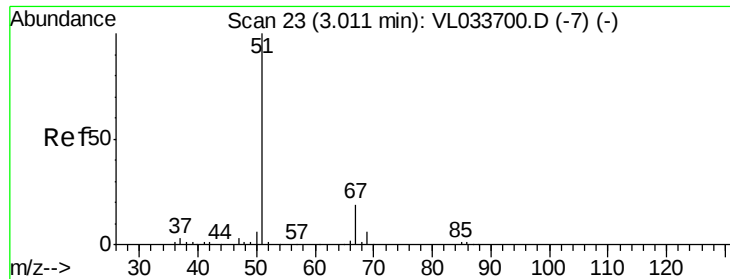
87 28.4 26.3 39.5



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.127 ppbv

RT: 2.98 min Scan# 15

Delta R.T. -0.03 min

Lab File: VL033819.D

Acq: 29 May 2019 1:51

Instrument :

MSVOA_L

ClientSampleId :

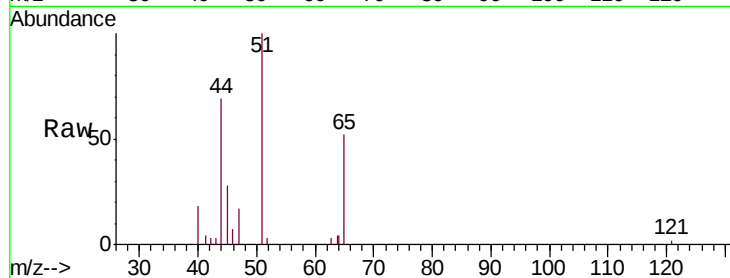
BPS1-SG-3011-55DL

Tgt Ion: 51 Resp: 14475

Ion Ratio Lower Upper

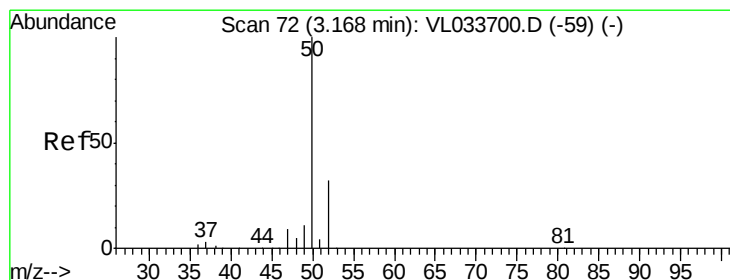
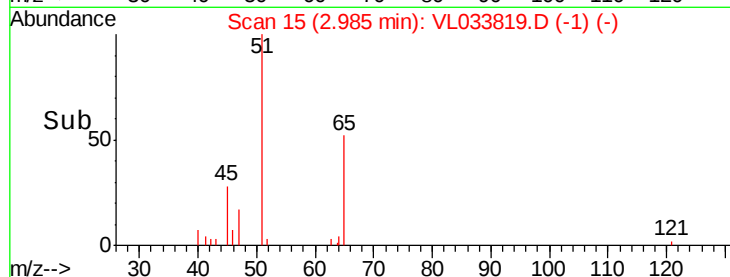
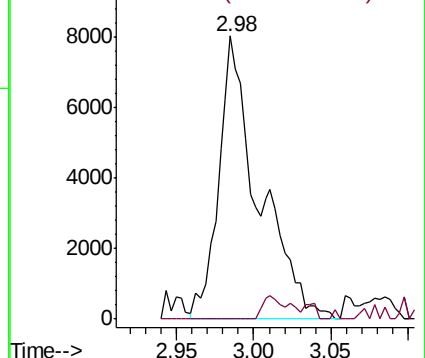
51 100

67 7.3 15.6 23.4#



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 0.028 ppbv

RT: 3.17 min Scan# 72

Delta R.T. 0.00 min

Lab File: VL033819.D

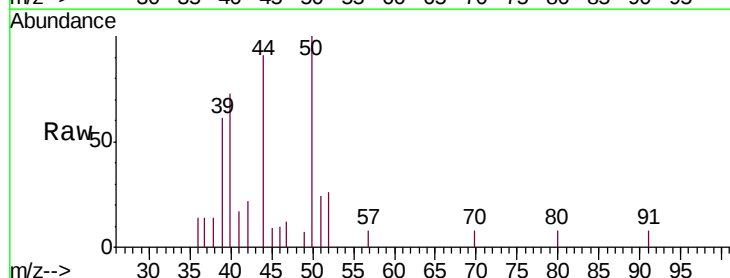
Acq: 29 May 2019 1:51

Tgt Ion: 50 Resp: 1814

Ion Ratio Lower Upper

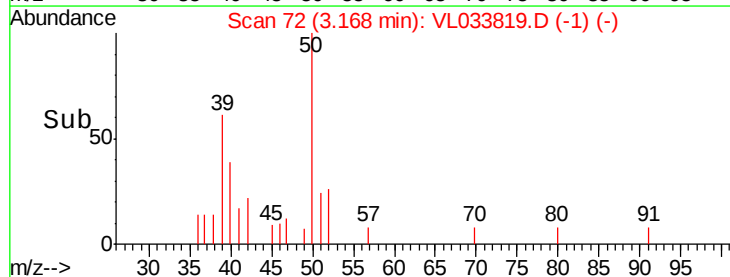
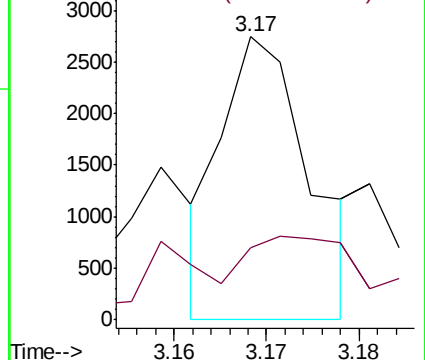
50 100

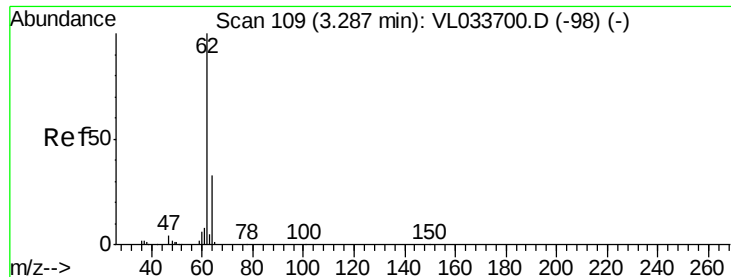
52 9.8 25.7 38.5#



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 0.028 ppbv

RT: 3.05 min Scan# 34

Delta R.T. -0.24 min

Lab File: VL033819.D

Acq: 29 May 2019 1:51

Instrument :

MSVOA_L

ClientSampleId :

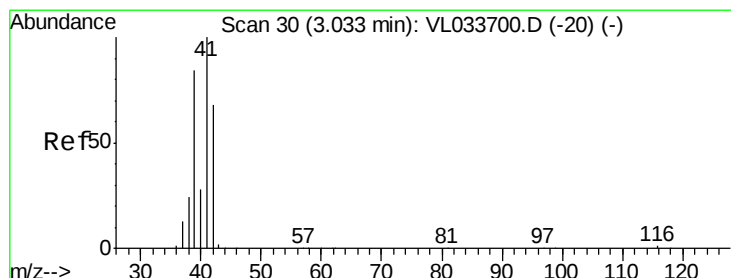
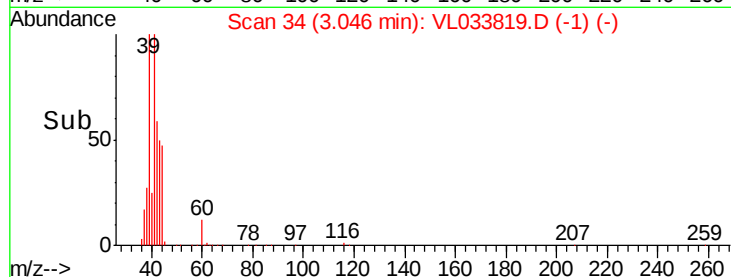
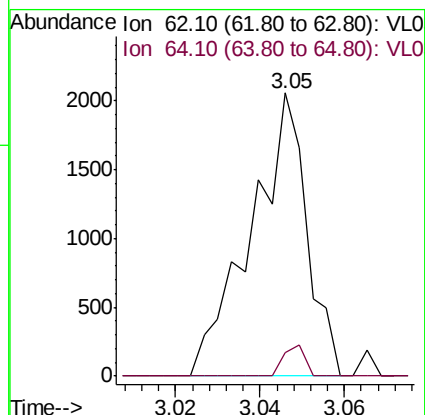
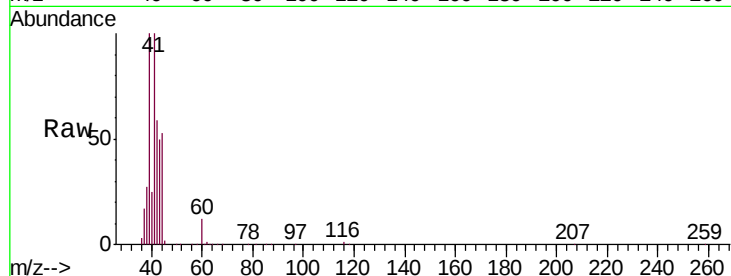
BPS1-SG-3011-55DL

Tgt Ion: 62 Resp: 1881

Ion Ratio Lower Upper

62 100

64 8.4 26.4 39.6#



#9

Propene

Concen: 11.067 ppbv

RT: 3.03 min Scan# 30

Delta R.T. 0.00 min

Lab File: VL033819.D

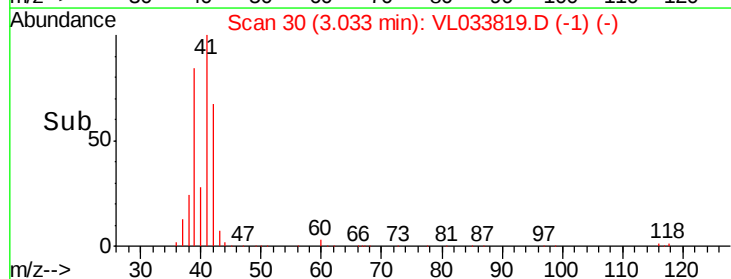
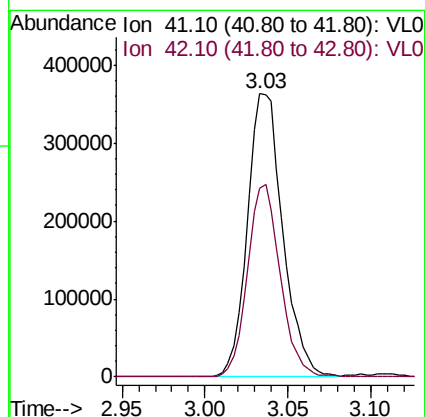
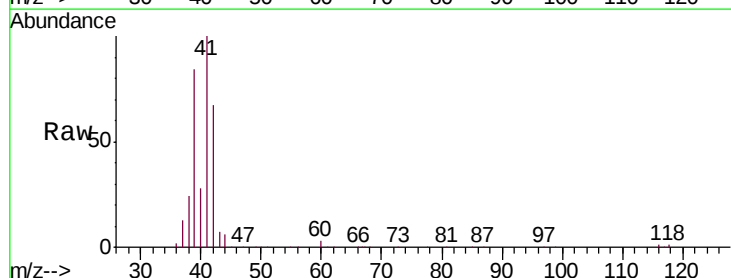
Acq: 29 May 2019 1:51

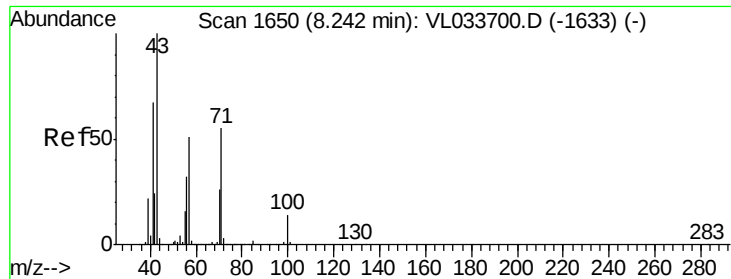
Tgt Ion: 41 Resp: 537405

Ion Ratio Lower Upper

41 100

42 63.2 56.1 84.1





#10

Heptane

Concen: 0.173 ppbv

RT: 8.24 min Scan# 1650

Delta R.T. 0.00 min

Lab File: VL033819.D

Acq: 29 May 2019 1:51

Instrument :

MSVOA_L

ClientSampleId :

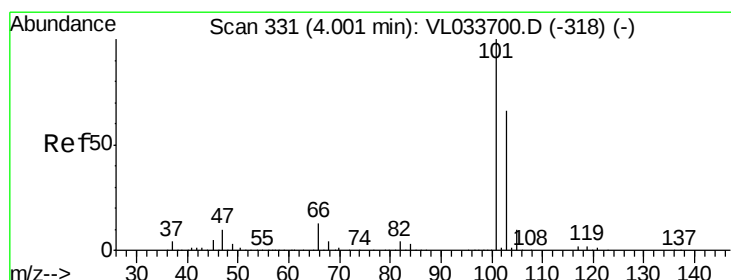
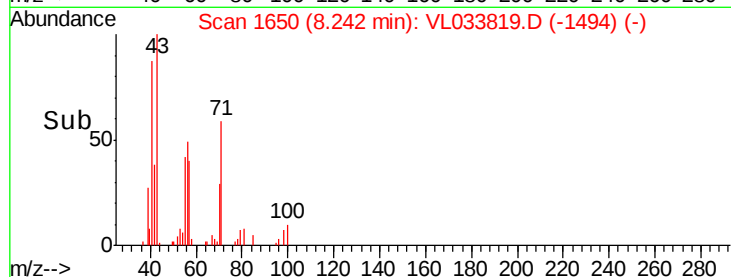
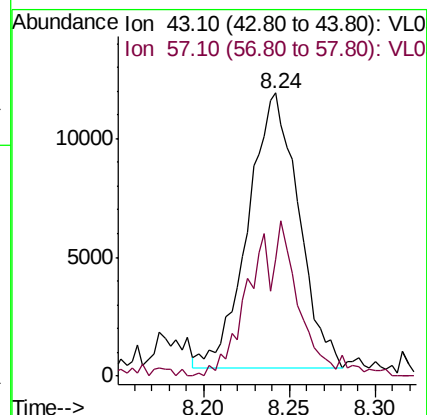
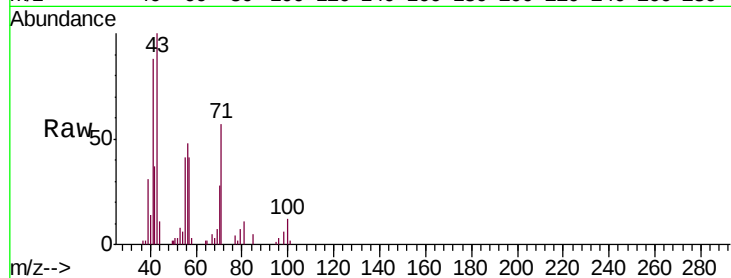
BPS1-SG-3011-55DL

Tgt Ion: 43 Resp: 23754

Ion Ratio Lower Upper

43 100

57 54.2 41.4 62.0



#11

Trichlorofluoromethane

Concen: 0.026 ppbv

RT: 4.00 min Scan# 332

Delta R.T. 0.00 min

Lab File: VL033819.D

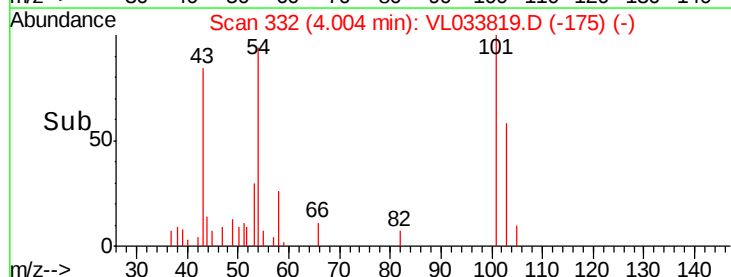
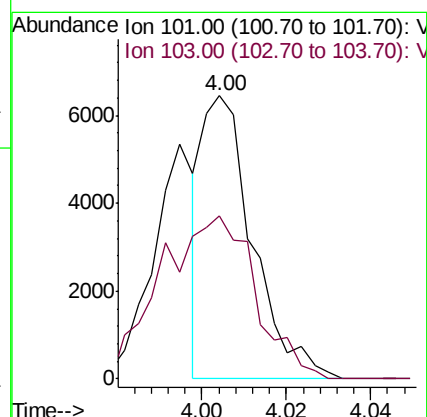
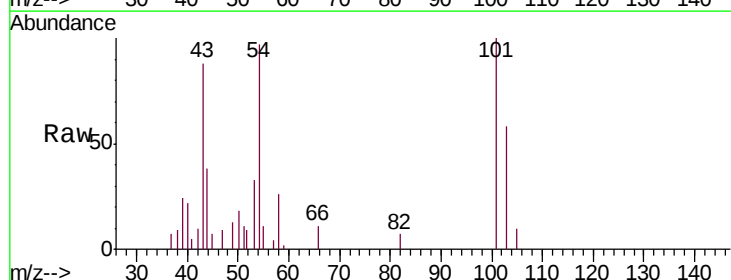
Acq: 29 May 2019 1:51

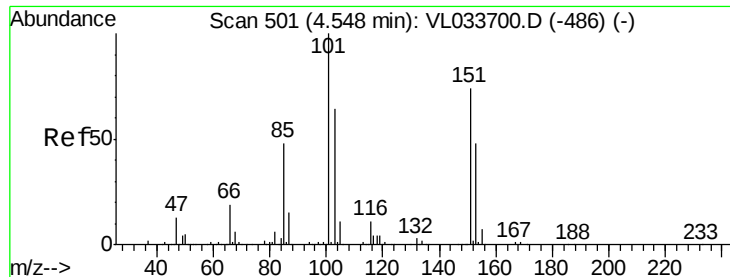
Tgt Ion: 101 Resp: 5303

Ion Ratio Lower Upper

101 100

103 57.8 52.6 78.8





#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.084 ppbv

RT: 4.55 min Scan# 501

Delta R.T. 0.00 min

Lab File: VL033819.D

Acq: 29 May 2019 1:51

Instrument :

MSVOA_L

ClientSampleId :

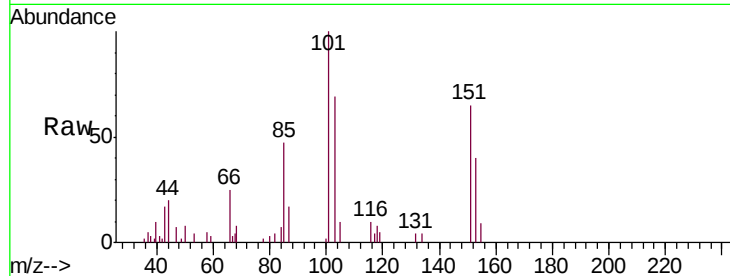
BPS1-SG-3011-55DL

Tgt Ion: 101 Resp: 11819

Ion Ratio Lower Upper

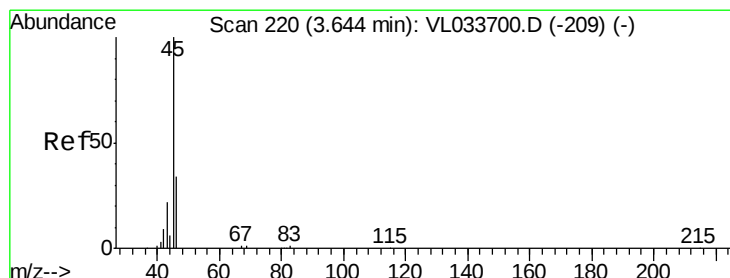
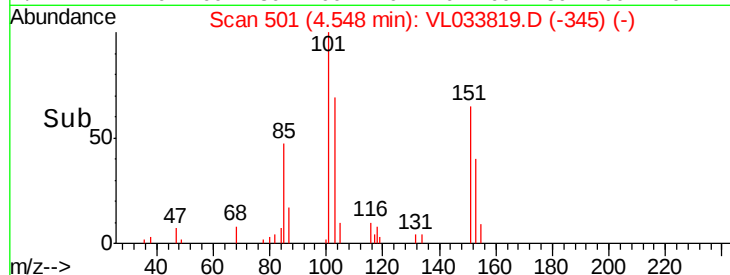
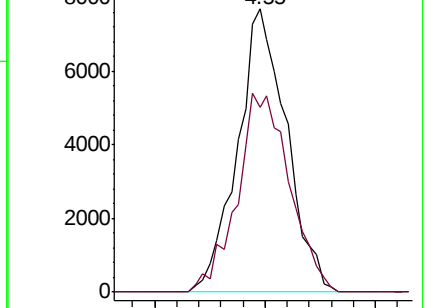
101 100

151 75.3 58.2 87.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V



#13

Ethanol

Concen: 2.422 ppbv

RT: 3.65 min Scan# 221

Delta R.T. 0.00 min

Lab File: VL033819.D

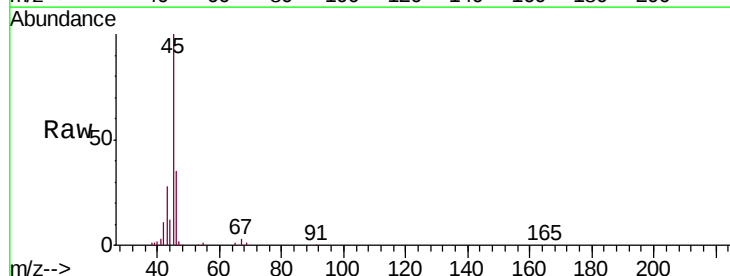
Acq: 29 May 2019 1:51

Tgt Ion: 45 Resp: 38016

Ion Ratio Lower Upper

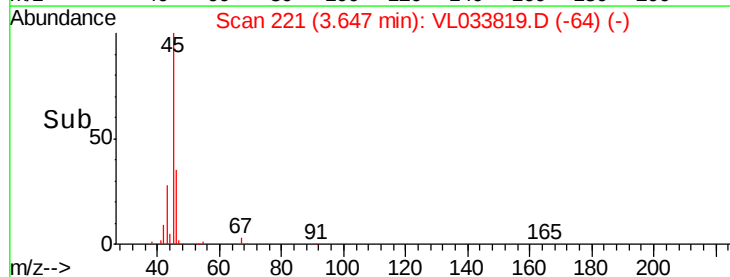
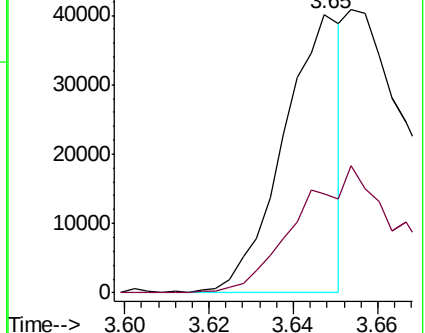
45 100

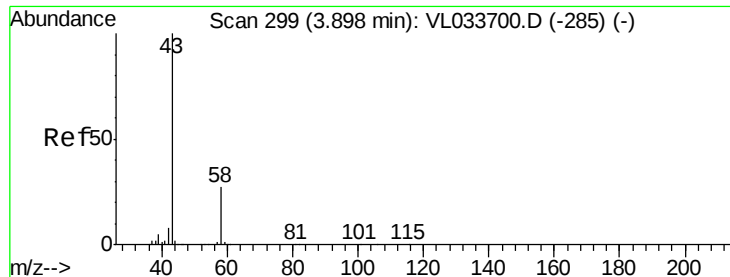
46 0.0 14.8 59.0#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





#15

Acetone

Concen: 33.878 ppbv

RT: 3.89 min Scan# 297

Delta R.T. -0.01 min

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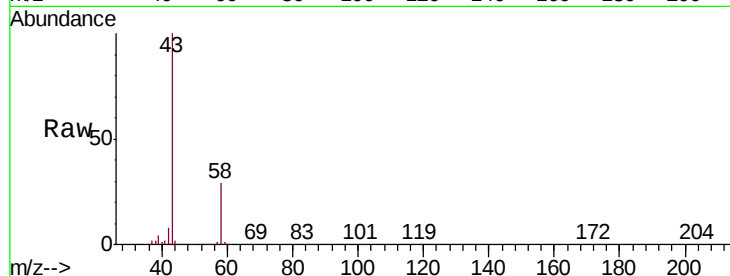
BPS1-SG-3011-55DL

Tgt Ion: 43 Resp: 4684652

Ion Ratio Lower Upper

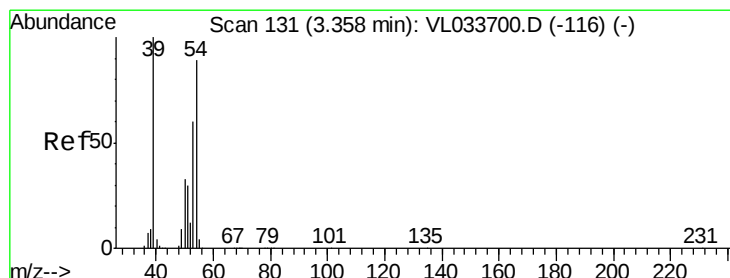
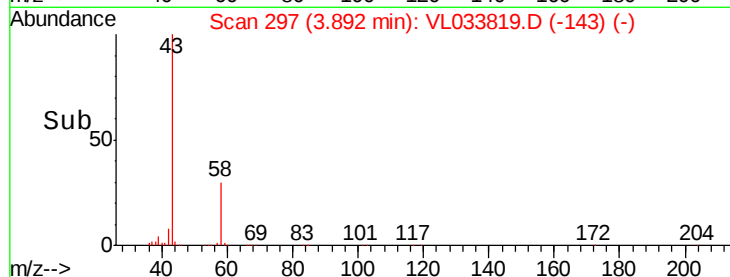
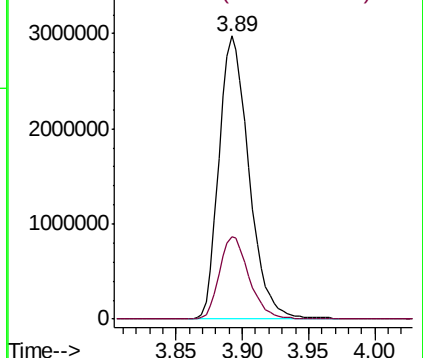
43 100

58 29.2 21.3 31.9



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#16

1,3-Butadiene

Concen: 7.525 ppbv

RT: 3.34 min Scan# 126

Delta R.T. -0.02 min

Lab File: VL033819.D

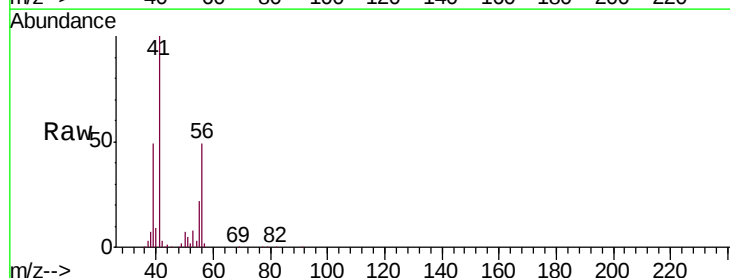
Acq: 29 May 2019 1:51

Tgt Ion: 39 Resp: 414369

Ion Ratio Lower Upper

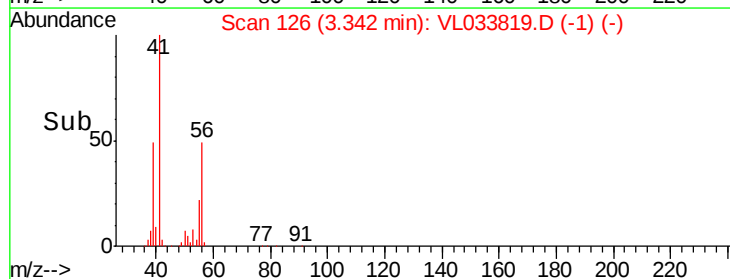
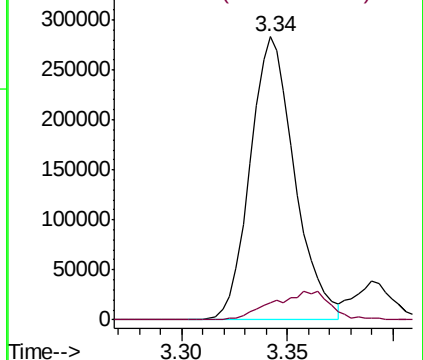
39 100

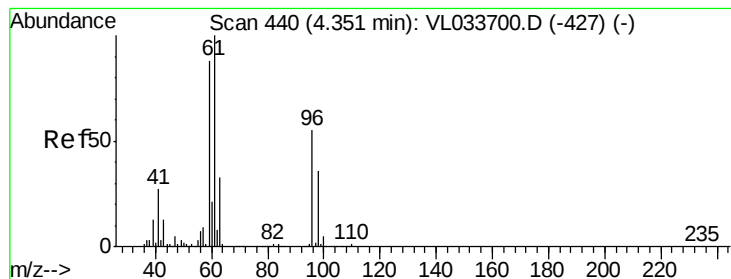
54 13.2 69.0 103.6#



Abundance Ion 39.10 (38.80 to 39.80): VL0

Ion 54.10 (53.80 to 54.80): VL0



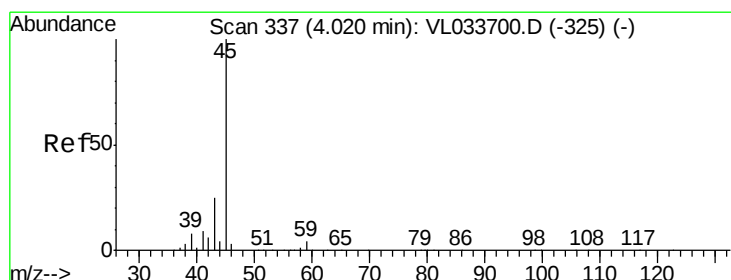
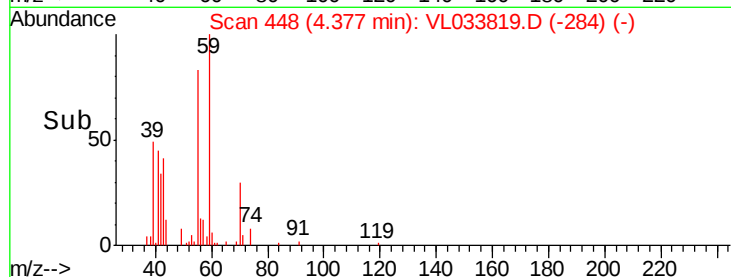
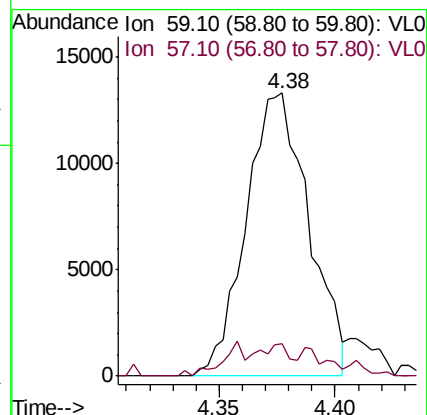
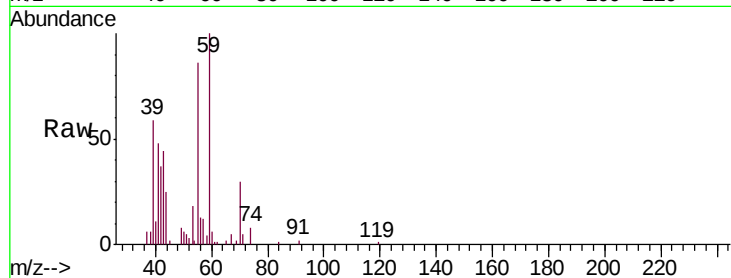


#17

tert-Butyl alcohol
 Concen: 0.224 ppbv
 RT: 4.38 min Scan# 448
 Delta R.T. 0.03 min
 Lab File: VL033819.D
 Acq: 29 May 2019 1:51

Instrument :
 MSVOA_L
 ClientSampleId :
 BPS1-SG-3011-55DL

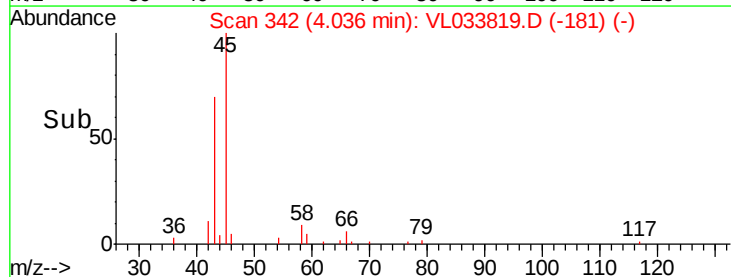
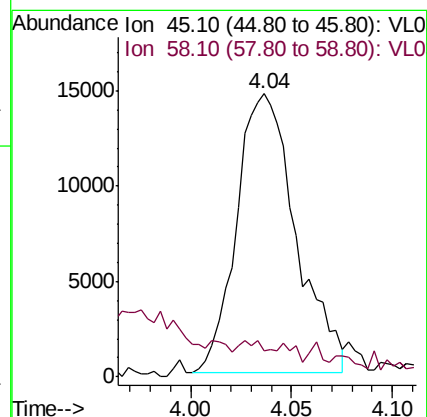
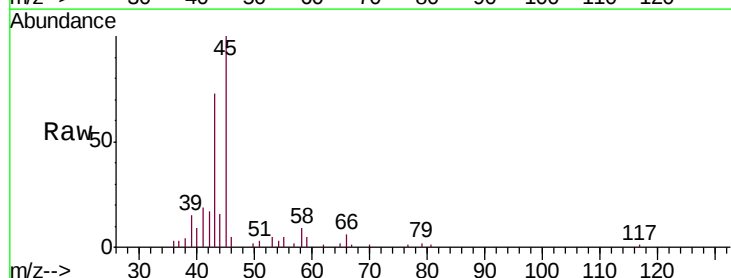
Tgt Ion: 59 Resp: 25025
 Ion Ratio Lower Upper
 59 100
 57 15.8 8.4 12.6#

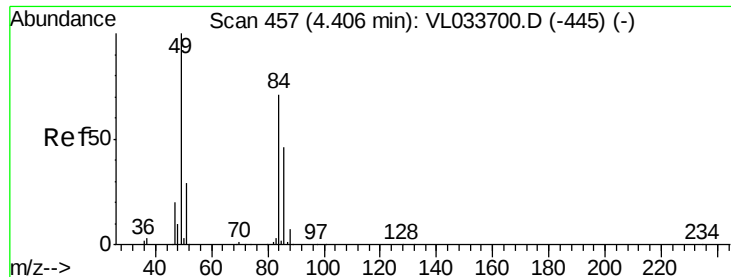


#19

Isopropyl Alcohol
 Concen: 0.336 ppbv
 RT: 4.04 min Scan# 342
 Delta R.T. 0.02 min
 Lab File: VL033819.D
 Acq: 29 May 2019 1:51

Tgt Ion: 45 Resp: 30002
 Ion Ratio Lower Upper
 45 100
 58 0.0 1.6 2.4#

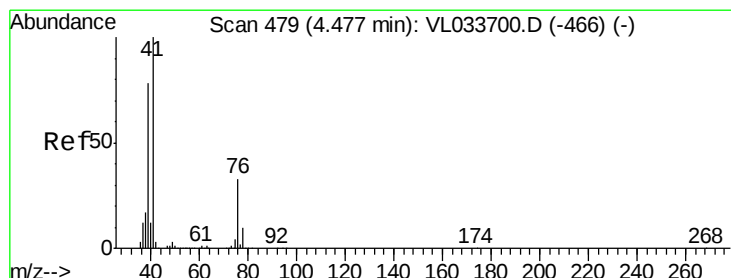
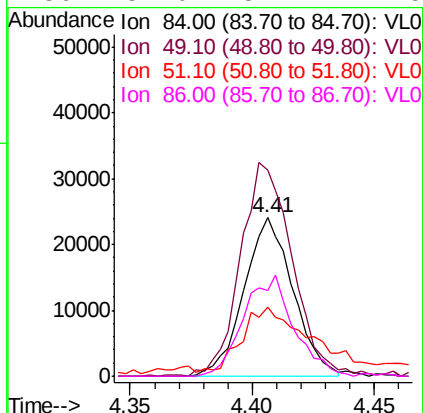
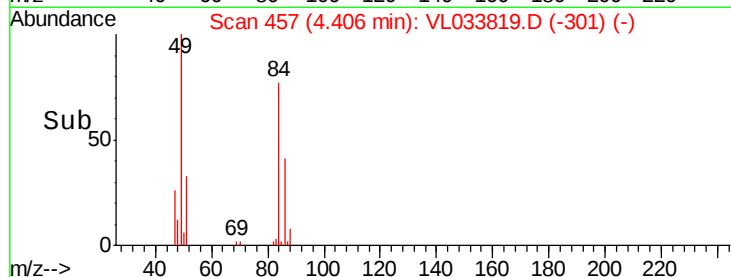
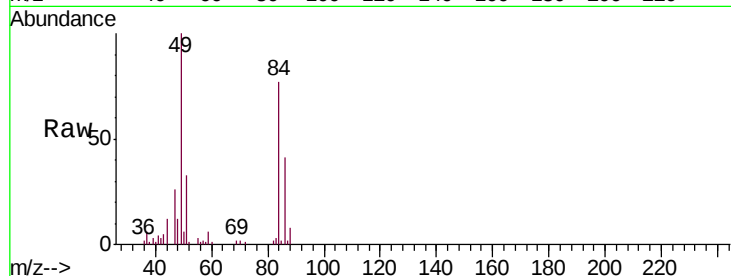




#20
Methylene Chloride
Concen: 0.630 ppbv
RT: 4.41 min Scan# 457
Delta R.T. 0.00 min
Lab File: VL033819.D
Acq: 29 May 2019 1:51

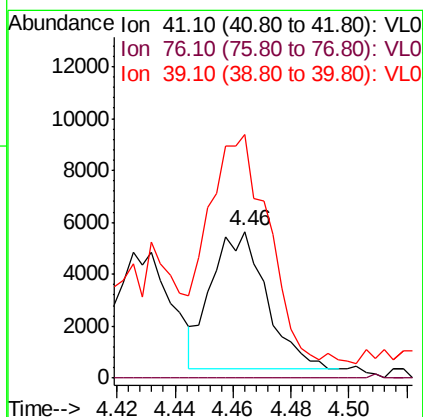
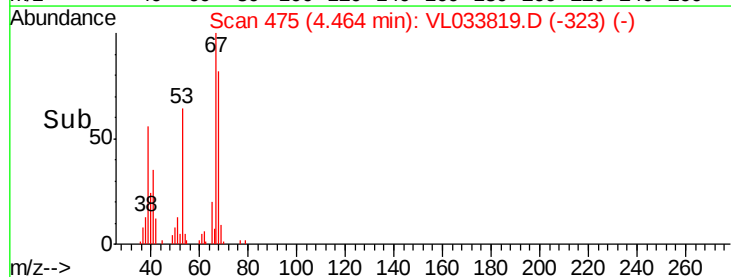
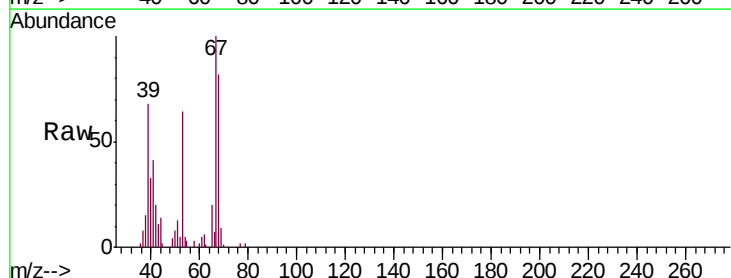
Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3011-55DL

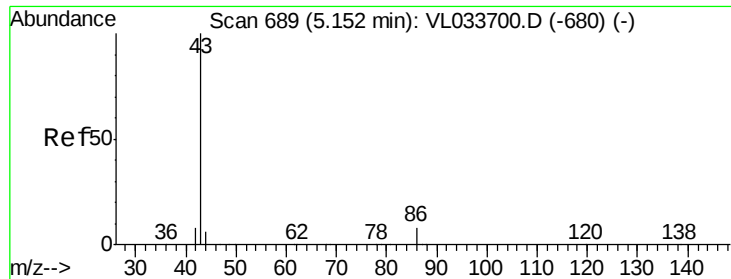
Tgt Ion:	84	Resp:	33561
Ion	Ratio	Lower	Upper
84	100		
49	130.3	112.8	169.2
51	37.2	33.4	50.0
86	54.0	51.7	77.5



#21
Allyl Chloride
Concen: 0.081 ppbv
RT: 4.46 min Scan# 475
Delta R.T. -0.01 min
Lab File: VL033819.D
Acq: 29 May 2019 1:51

Tgt Ion:	41	Resp:	6946
Ion	Ratio	Lower	Upper
41	100		
76	0.0	25.9	38.9#
39	266.1	64.6	97.0#





#23

Vinyl Acetate

Concen: 0.056 ppbv

RT: 5.14 min Scan# 686

Delta R.T. -0.01 min

Lab File: VL033819.D

Acq: 29 May 2019 1:51

Instrument :

MSVOA_L

ClientSampleId :

BPS1-SG-3011-55DL

Tgt Ion: 43 Resp: 10260

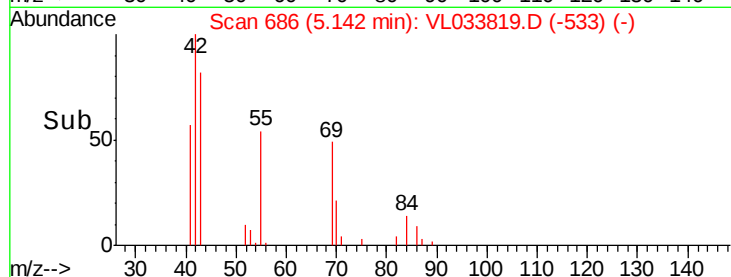
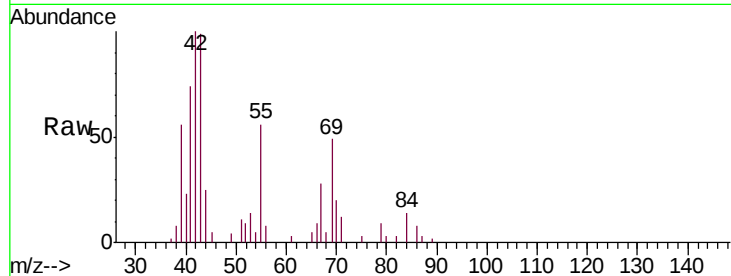
Ion Ratio Lower Upper

43 100

86 11.2 6.0 9.0#

42 77.0 7.5 11.3#

44 3.6 4.4 6.6#

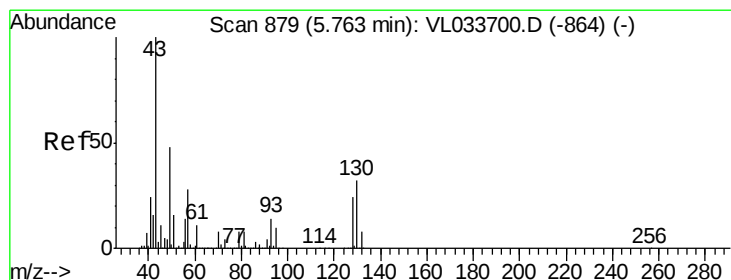
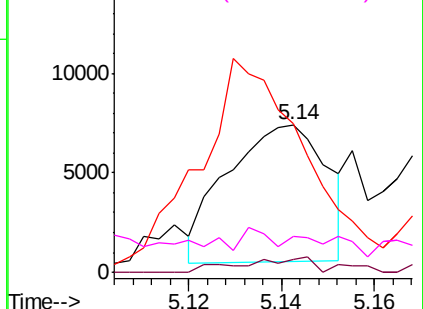


Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 86.10 (85.80 to 86.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

Ion 44.10 (43.80 to 44.80): VL0



#25

Ethyl Acetate

Concen: 0.221 ppbv

RT: 5.77 min Scan# 882

Delta R.T. 0.01 min

Lab File: VL033819.D

Acq: 29 May 2019 1:51

Tgt Ion: 43 Resp: 53575

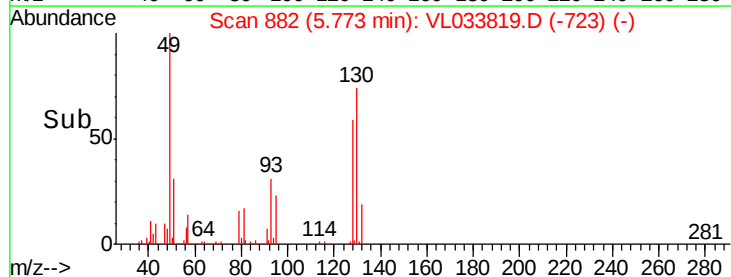
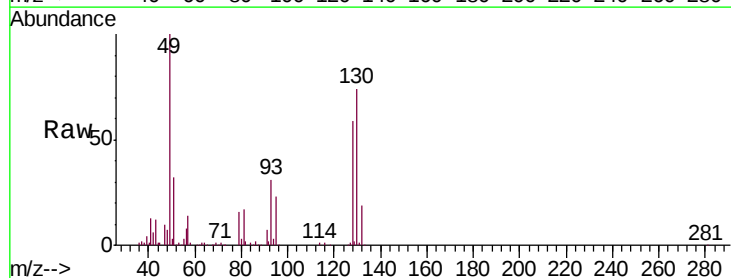
Ion Ratio Lower Upper

43 100

45 5.6 7.9 11.9#

61 3.2 7.7 11.5#

70 5.0 5.8 8.6#

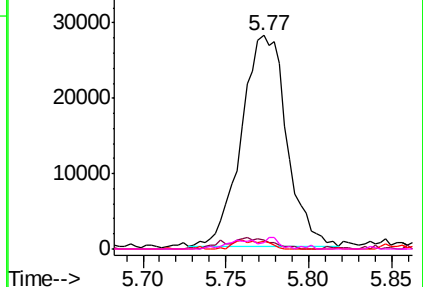


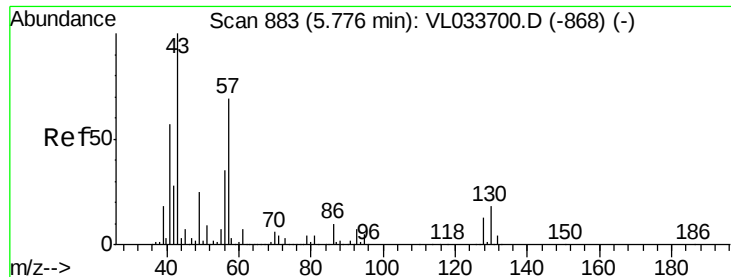
Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 45.10 (44.80 to 45.80): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 70.10 (69.80 to 70.80): VL0

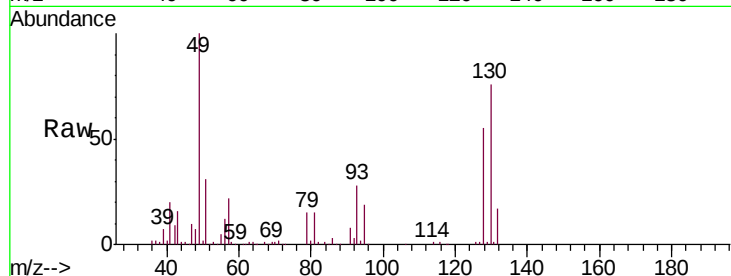




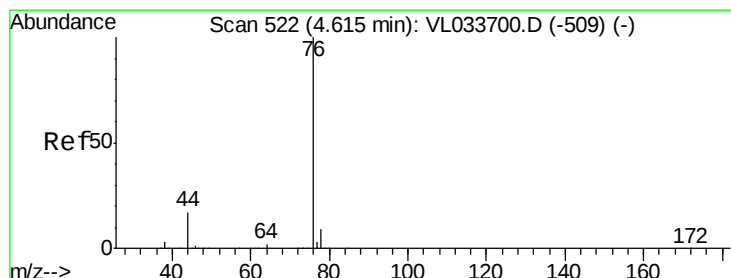
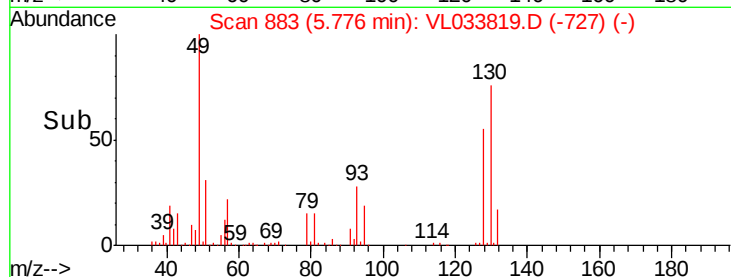
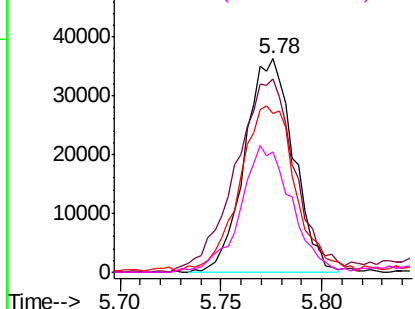
#26
Hexane
Concen: 0.587 ppbv
RT: 5.78 min Scan# 883
Delta R.T. 0.00 min
Lab File: VL033819.D
Acq: 29 May 2019 1:51

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3011-55DL

Tgt Ion: 57 Resp: 61292
Ion Ratio Lower Upper
57 100
41 109.4 69.8 104.6#
43 89.4 181.8 272.6#
56 62.3 42.1 63.1

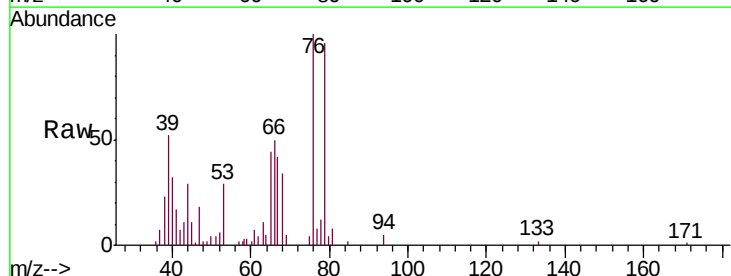


Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 43.10 (42.80 to 43.80): VL0
Ion 56.10 (55.80 to 56.80): VL0

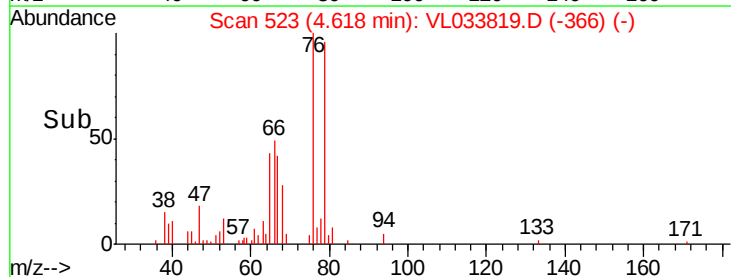
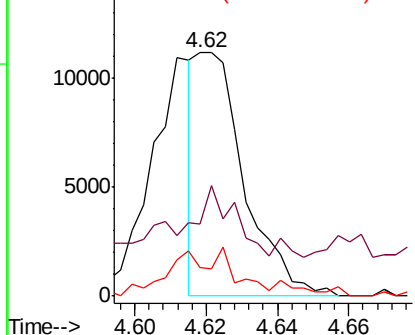


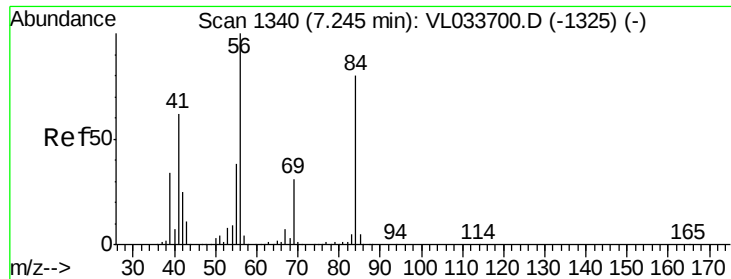
#27
Carbon Disulfide
Concen: 0.073 ppbv
RT: 4.62 min Scan# 523
Delta R.T. 0.00 min
Lab File: VL033819.D
Acq: 29 May 2019 1:51

Tgt Ion: 76 Resp: 10503
Ion Ratio Lower Upper
76 100
44 44.6 13.8 20.8#
78 29.3 7.4 11.0#



Abundance Ion 76.00 (75.70 to 76.70): VL0
Ion 44.10 (43.80 to 44.80): VL0
Ion 78.00 (77.70 to 78.70): VL0

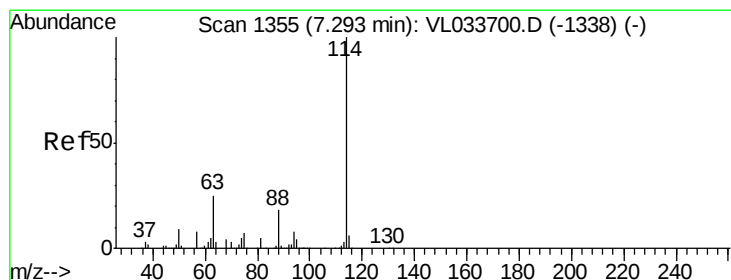
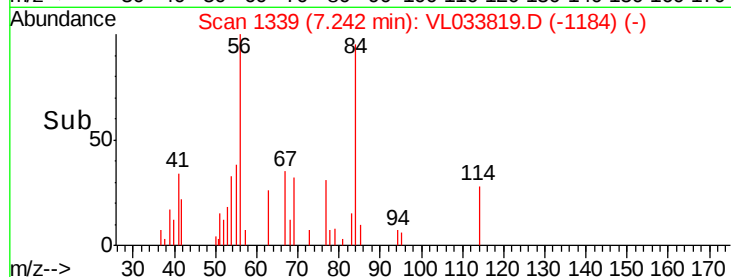
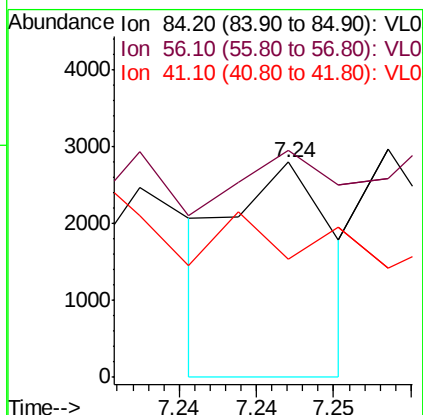
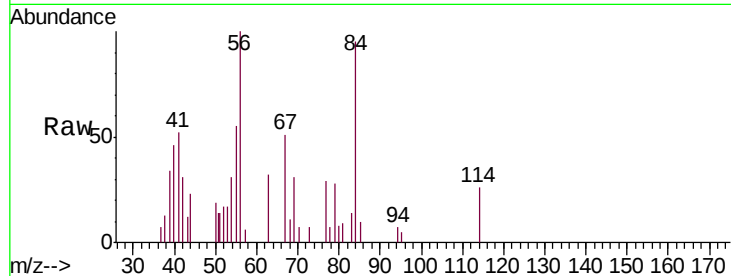




#30
Cyclohexane
Concen: 0.015 ppbv
RT: 7.24 min Scan# 1339
Delta R.T. -0.00 min
Lab File: VL033819.D
Acq: 29 May 2019 1:51

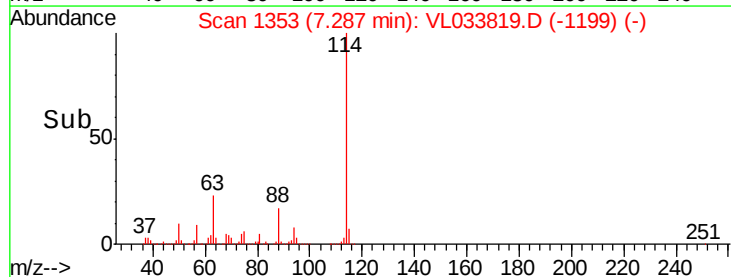
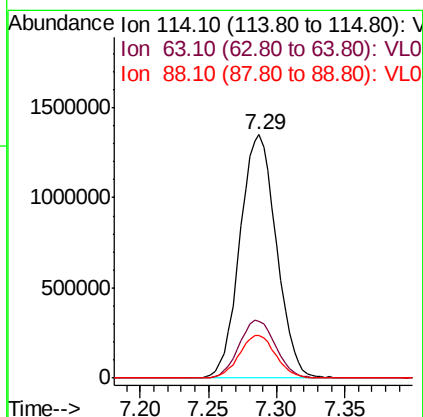
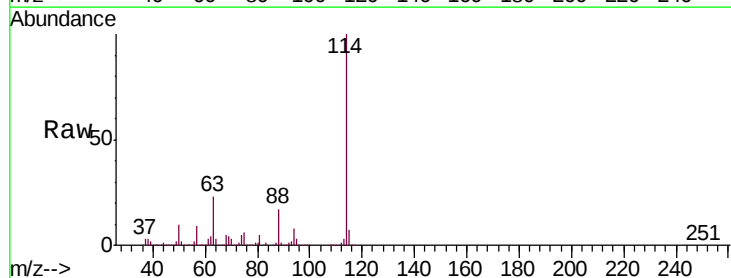
Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3011-55DL

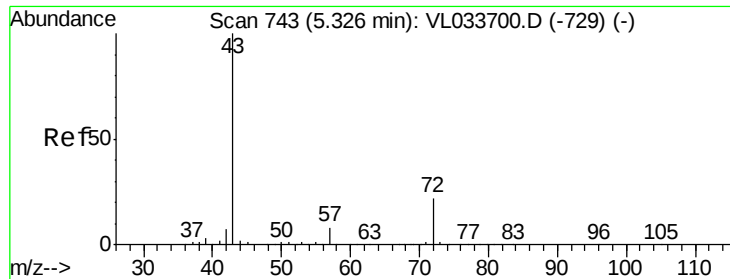
Tgt Ion: 84 Resp: 1290
Ion Ratio Lower Upper
84 100
56 0.0 107.7 161.5#
41 0.0 66.0 99.0#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1353
Delta R.T. -0.01 min
Lab File: VL033819.D
Acq: 29 May 2019 1:51

Tgt Ion: 114 Resp: 2507876
Ion Ratio Lower Upper
114 100
63 24.0 20.9 31.3
88 17.5 14.3 21.5

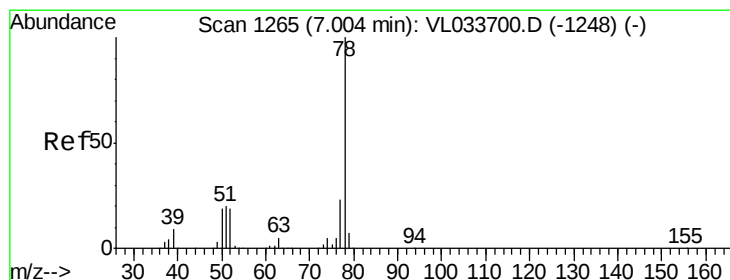
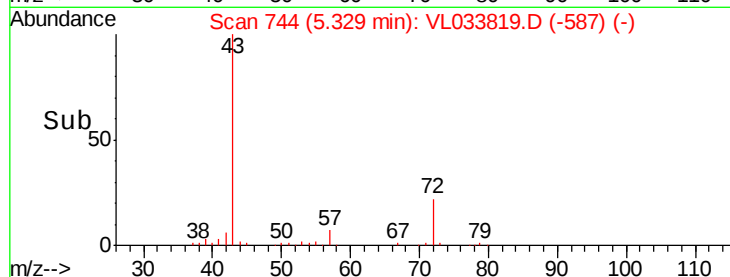
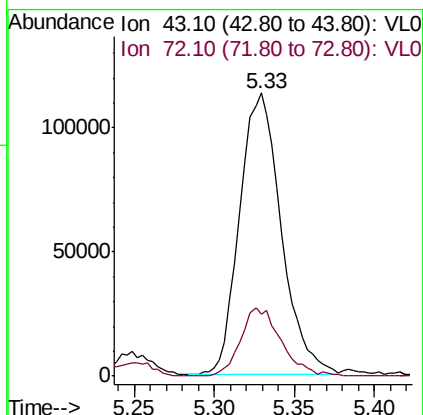
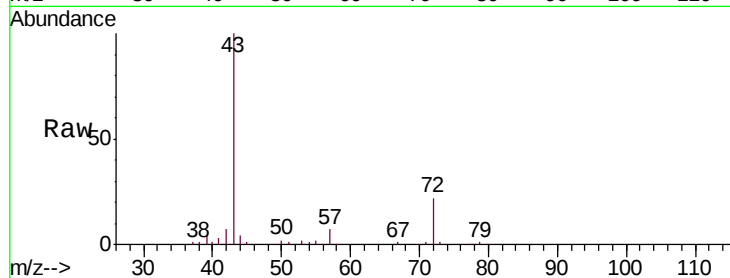




#34
2-Butanone
Concen: 1.300 ppbv
RT: 5.33 min Scan# 744
Delta R.T. 0.00 min
Lab File: VL033819.D
Acq: 29 May 2019 1:51

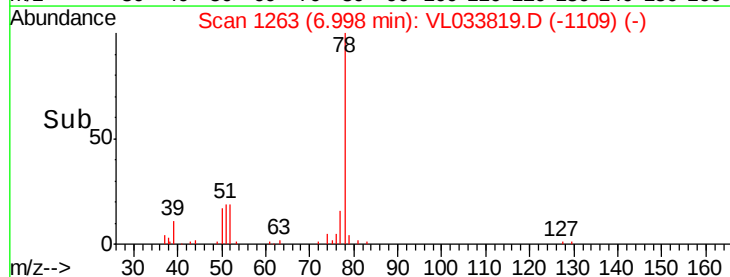
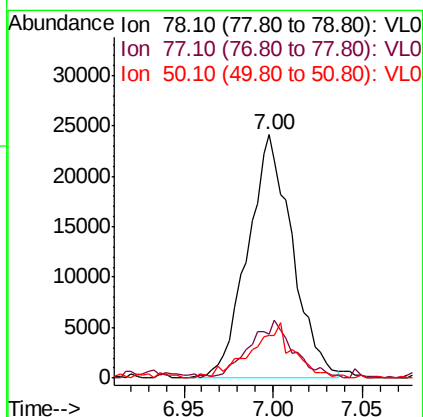
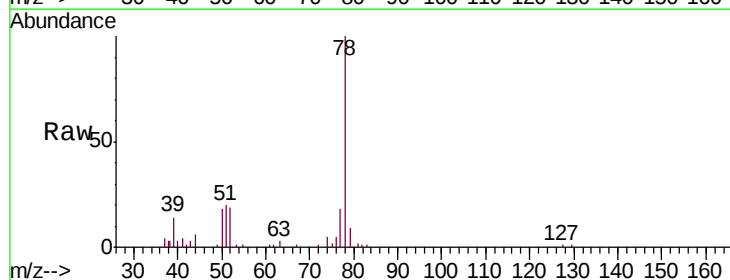
Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3011-55DL

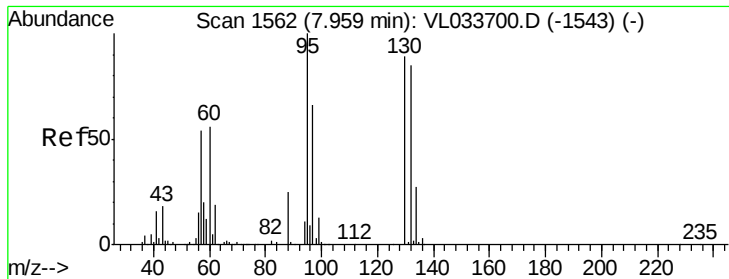
Tgt Ion: 43 Resp: 202060
Ion Ratio Lower Upper
43 100
72 23.6 17.8 26.6



#36
Benzene
Concen: 0.185 ppbv
RT: 7.00 min Scan# 1263
Delta R.T. -0.01 min
Lab File: VL033819.D
Acq: 29 May 2019 1:51

Tgt Ion: 78 Resp: 42180
Ion Ratio Lower Upper
78 100
77 16.8 18.4 27.6#
50 17.8 15.5 23.3

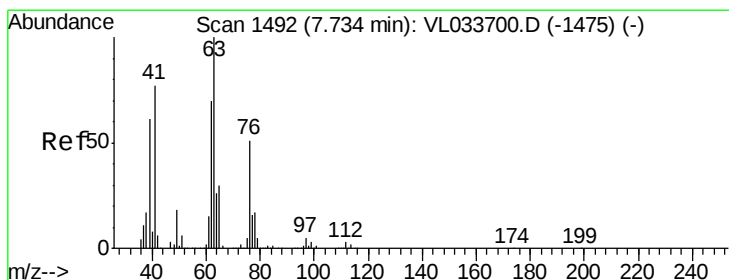
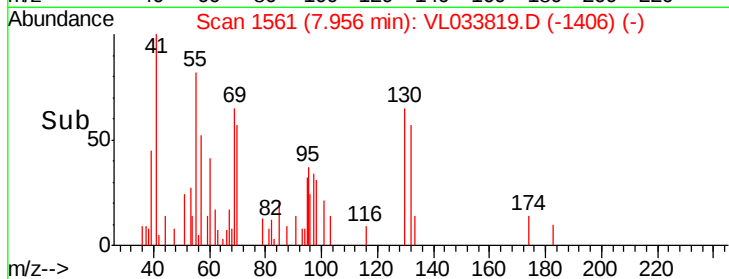
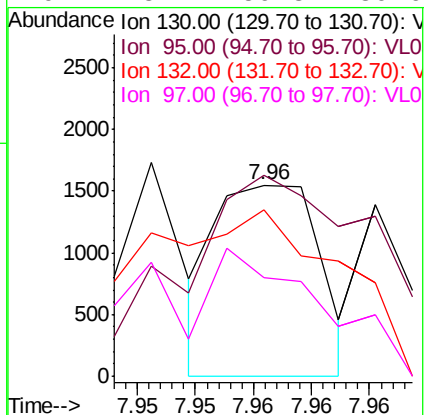
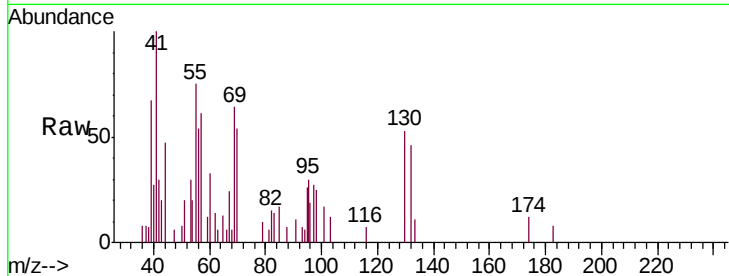




#38
 Trichloroethene
 Concen: 0.011 ppbv
 RT: 7.96 min Scan# 1561
 Delta R.T. -0.00 min
 Lab File: VL033819.D
 Acq: 29 May 2019 1:51

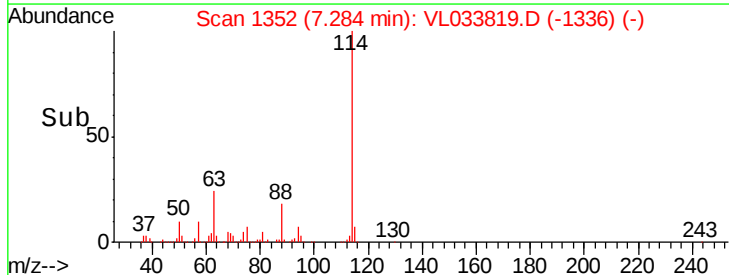
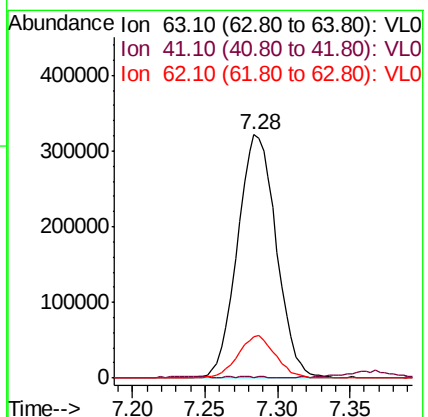
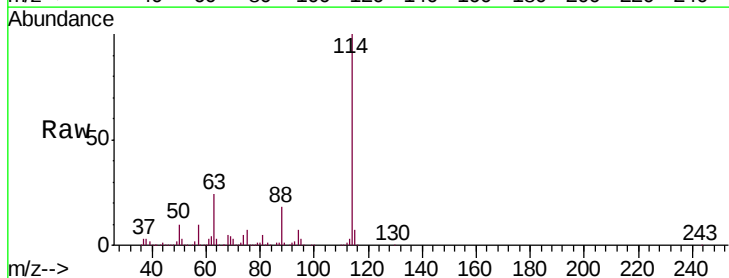
Instrument :
 MSVOA_L
 ClientSampleId :
 BPS1-SG-3011-55DL

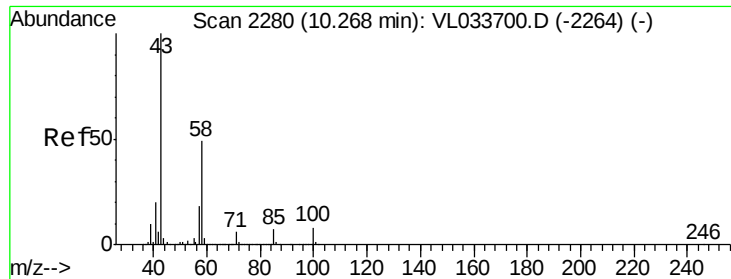
Tgt Ion: 130 Resp: 966
 Ion Ratio Lower Upper
 130 100
 95 87.0 90.2 135.4#
 132 38.1 76.4 114.6#
 97 45.7 59.8 89.6#



#39
 1,2-Dichloropropane
 Concen: 7.030 ppbv
 RT: 7.28 min Scan# 1352
 Delta R.T. -0.45 min
 Lab File: VL033819.D
 Acq: 29 May 2019 1:51

Tgt Ion: 63 Resp: 597882
 Ion Ratio Lower Upper
 63 100
 41 0.0 61.5 92.3#
 62 16.9 56.2 84.4#

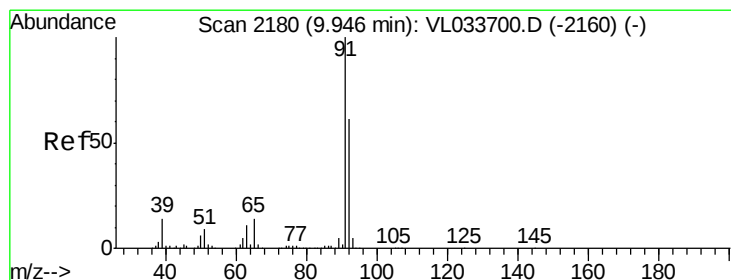
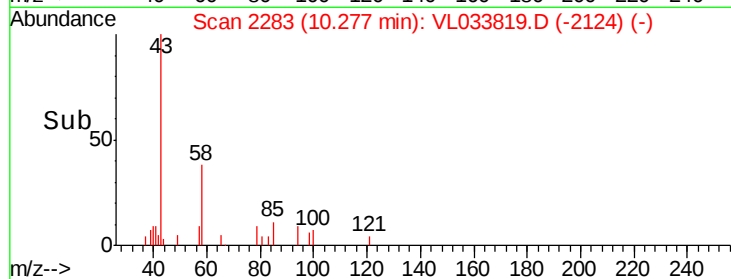
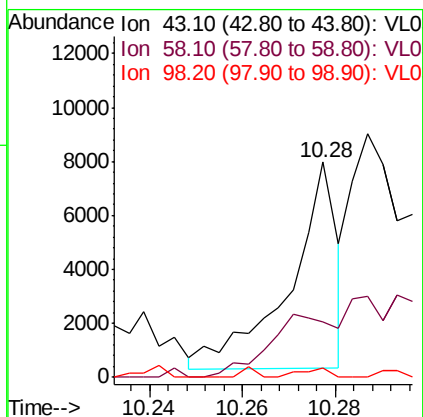
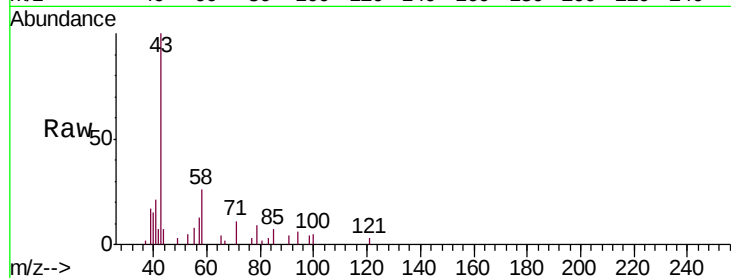




#51
 2-Hexanone
 Concen: 0.029 ppbv
 RT: 10.28 min Scan# 2283
 Delta R.T. 0.01 min
 Lab File: VL033819.D
 Acq: 29 May 2019 1:51

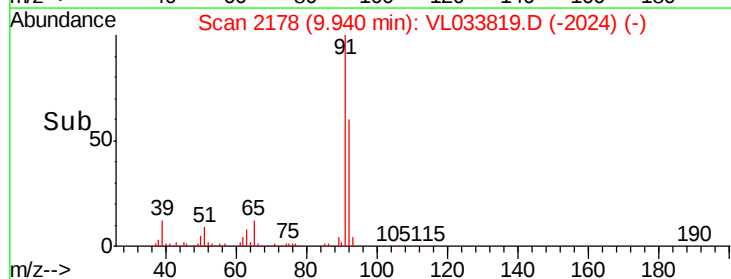
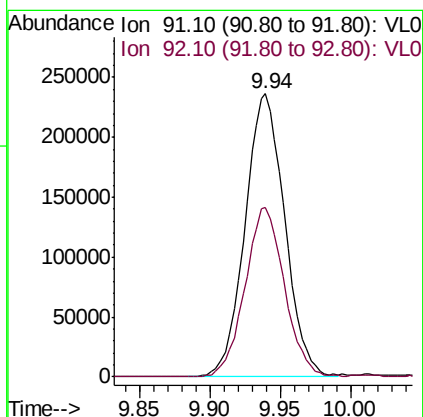
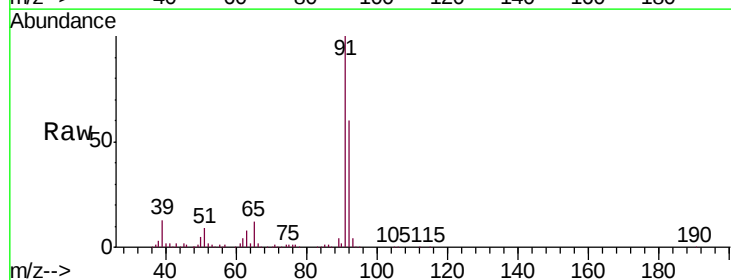
Instrument :
 MSVOA_L
 ClientSampleId :
 BPS1-SG-3011-55DL

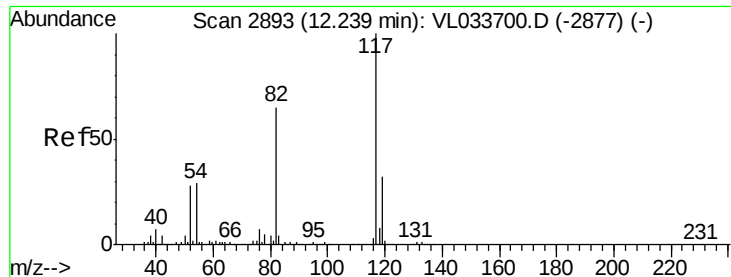
Tgt Ion: 43 Resp: 5481
 Ion Ratio Lower Upper
 43 100
 58 0.0 38.7 58.1#
 98 4.1 0.2 0.4#



#53
 Toluene
 Concen: 1.895 ppbv
 RT: 9.94 min Scan# 2178
 Delta R.T. -0.01 min
 Lab File: VL033819.D
 Acq: 29 May 2019 1:51

Tgt Ion: 91 Resp: 466180
 Ion Ratio Lower Upper
 91 100
 92 59.3 47.6 71.4

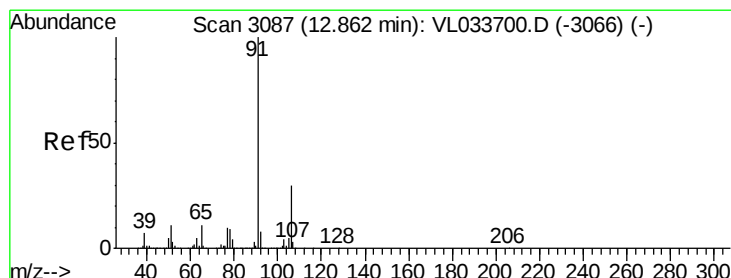
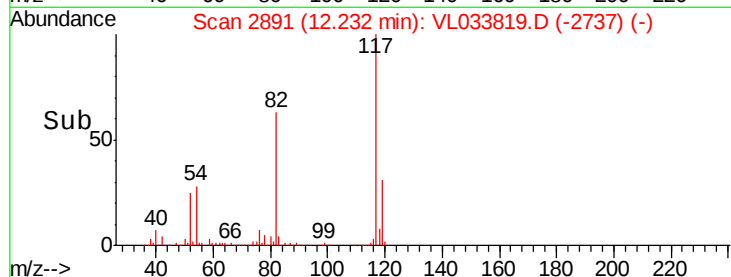
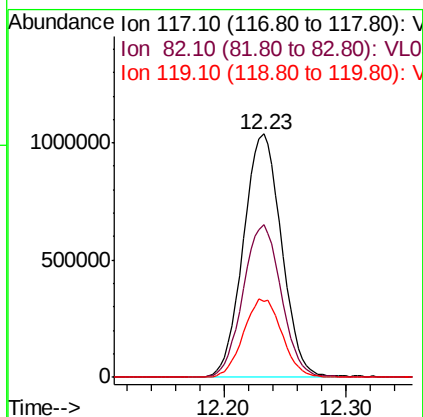
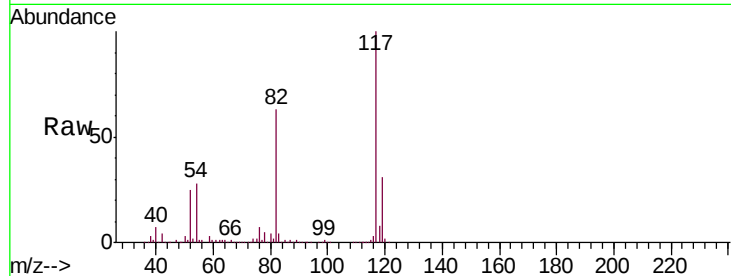




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.23 min Scan# 2891
Delta R.T. -0.01 min
Lab File: VL033819.D
Acq: 29 May 2019 1:51

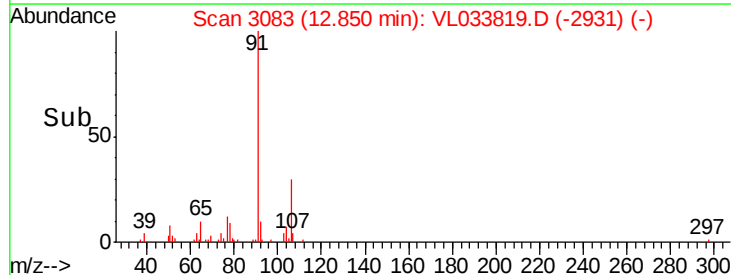
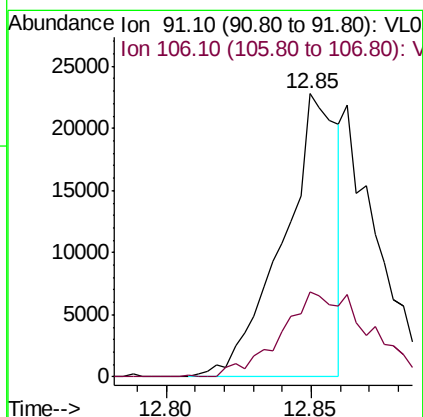
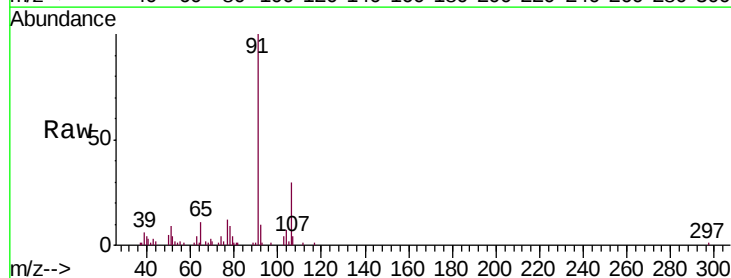
Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3011-55DL

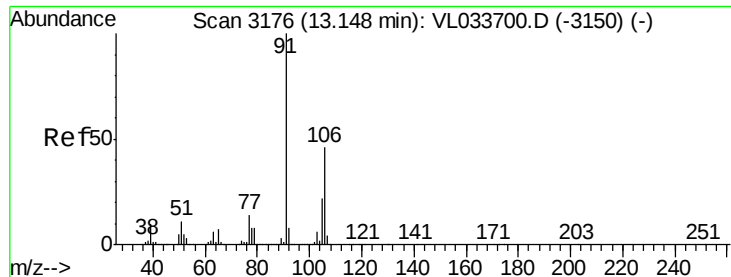
Tgt Ion:117 Resp: 2241538
Ion Ratio Lower Upper
117 100
82 63.5 49.4 74.0
119 32.5 24.9 37.3



#58
Ethyl Benzene
Concen: 0.100 ppbv
RT: 12.85 min Scan# 3083
Delta R.T. -0.01 min
Lab File: VL033819.D
Acq: 29 May 2019 1:51

Tgt Ion: 91 Resp: 29599
Ion Ratio Lower Upper
91 100
106 29.4 23.9 35.9

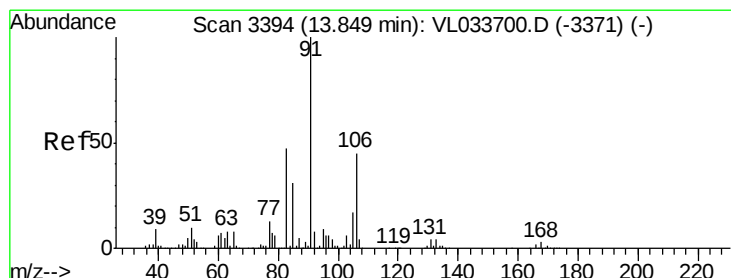
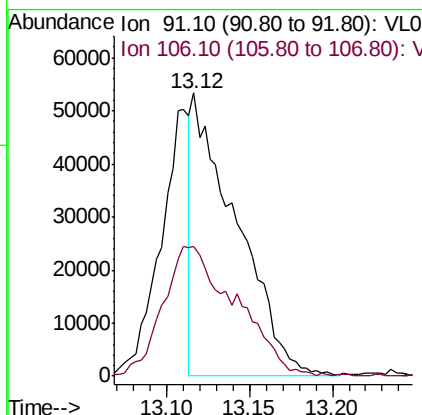
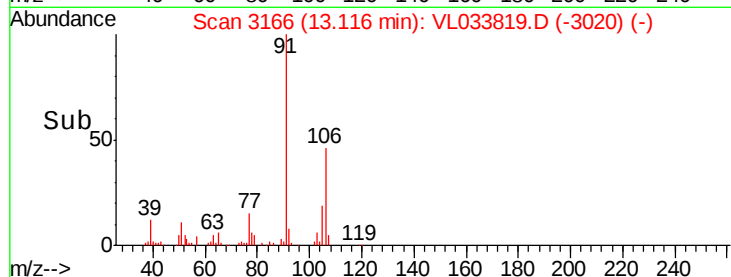
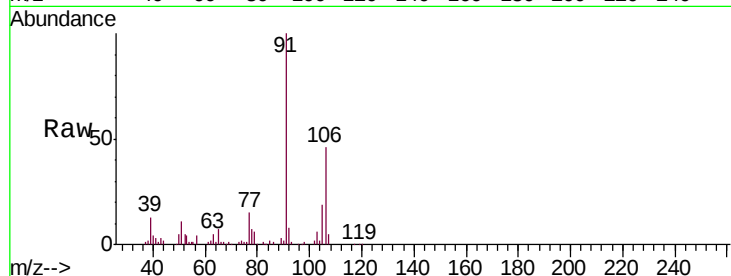




#59
m/p-Xylene
Concen: 0.380 ppbv
RT: 13.12 min Scan# 3166
Delta R.T. -0.03 min
Lab File: VL033819.D
Acq: 29 May 2019 1:51

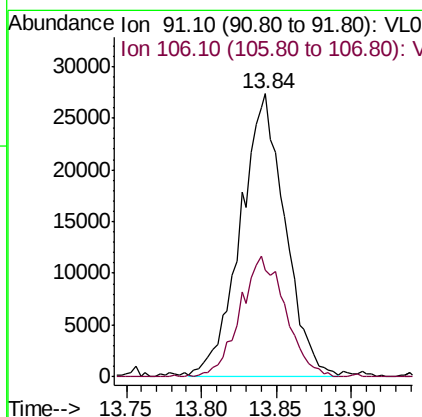
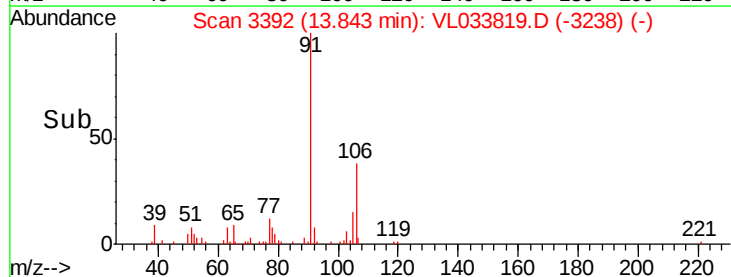
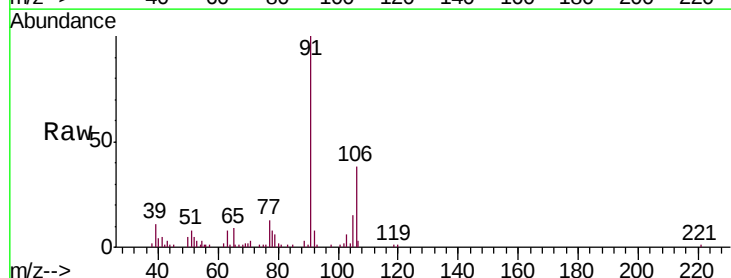
Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3011-55DL

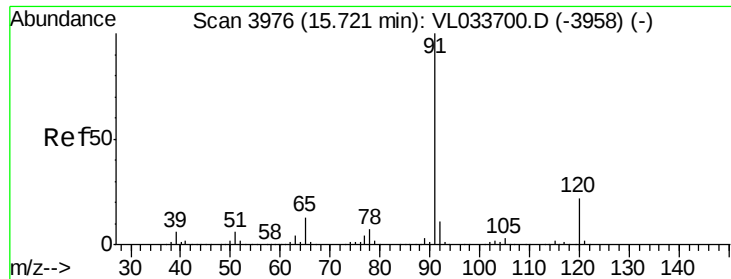
Tgt Ion: 91 Resp: 98492
Ion Ratio Lower Upper
91 100
106 0.0 35.8 53.6#



#60
o-Xylene
Concen: 0.218 ppbv
RT: 13.84 min Scan# 3392
Delta R.T. -0.01 min
Lab File: VL033819.D
Acq: 29 May 2019 1:51

Tgt Ion: 91 Resp: 56990
Ion Ratio Lower Upper
91 100
106 43.2 21.6 64.8





#64

n-propylbenzene

Concen: 0.017 ppbv

RT: 15.71 min Scan# 3972

Delta R.T. -0.01 min

Lab File: VL033819.D

Acq: 29 May 2019 1:51

Instrument :

MSVOA_L

ClientSampleId :

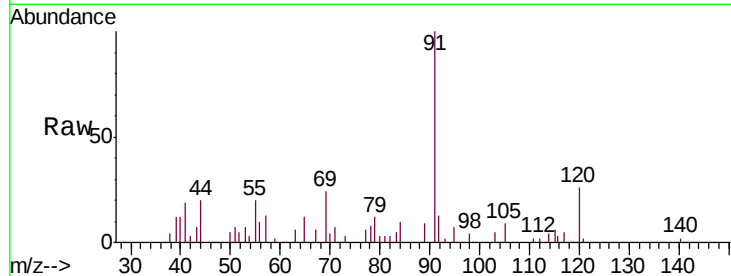
BPS1-SG-3011-55DL

Tgt Ion:120 Resp: 1511

Ion Ratio Lower Upper

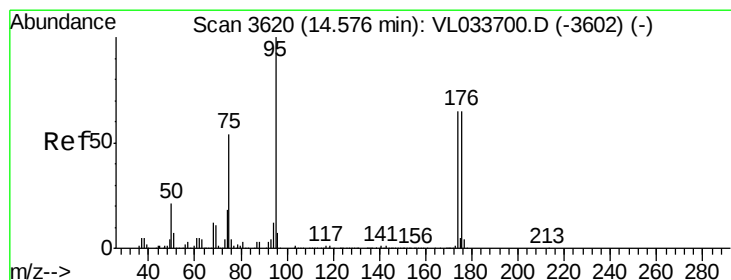
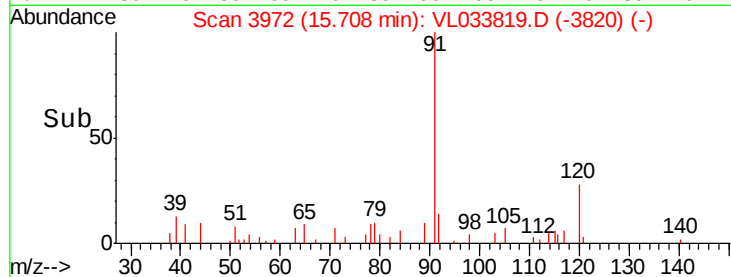
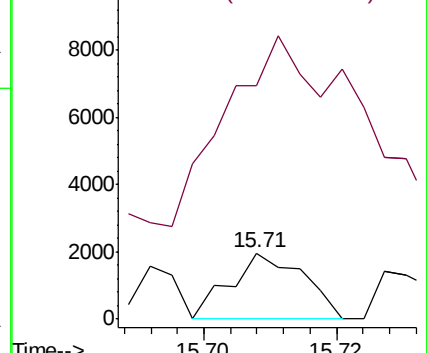
120 100

91 1295.8 379.1 568.7#



Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0



#68

1-Bromo-4-Fluorobenzene

Concen: 10.759 ppbv

RT: 14.57 min Scan# 3618

Delta R.T. -0.01 min

Lab File: VL033819.D

Acq: 29 May 2019 1:51

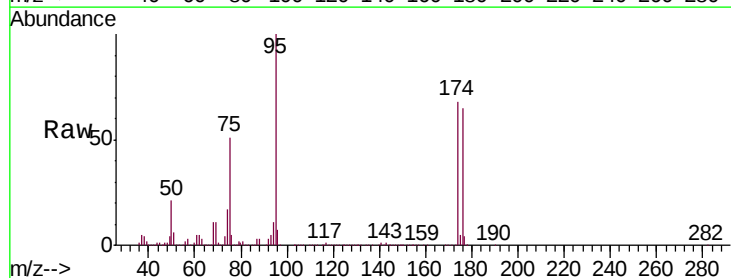
Tgt Ion: 95 Resp: 1955022

Ion Ratio Lower Upper

95 100

174 69.1 53.9 80.9

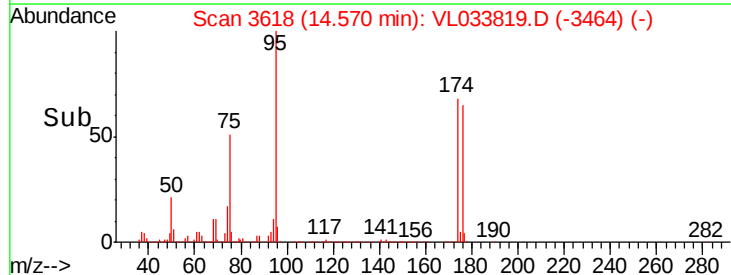
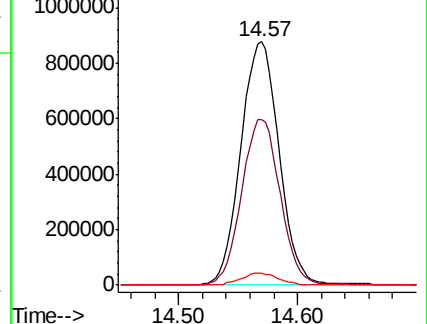
175 5.0 3.8 5.8

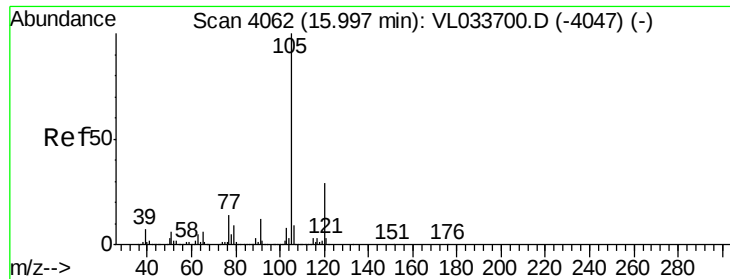


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V





#72

4-Ethyltoluene

Concen: 0.031 ppbv

RT: 15.99 min Scan# 4059

Delta R.T. -0.01 min

Lab File: VL033819.D

Acq: 29 May 2019 1:51

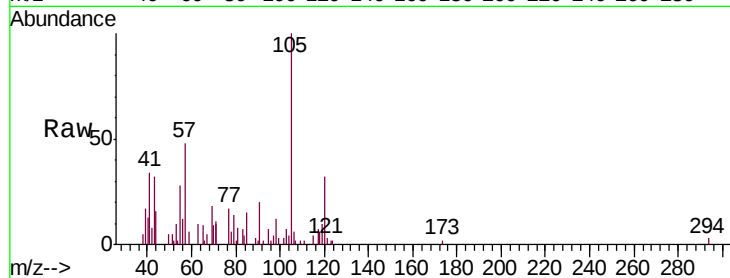
Instrument :

MSVOA_L

ClientSampleId :

BPS1-SG-3011-55DL

Tgt Ion:	105	Resp:	9419
Ion	Ratio	Lower	Upper
105	100		
120	0.0	23.1	34.7#
91	0.0	10.4	15.6#
77	48.9	11.0	16.6#

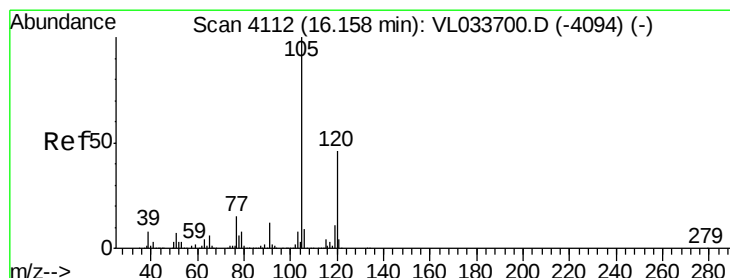
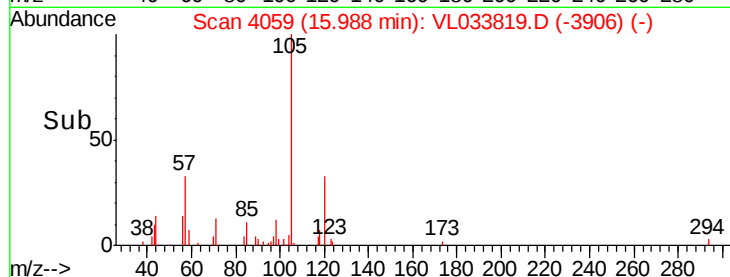
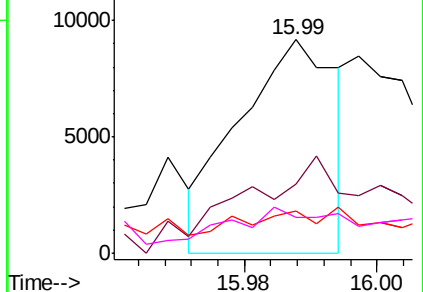


Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0



#73

1,3,5-Trimethylbenzene

Concen: 0.052 ppbv

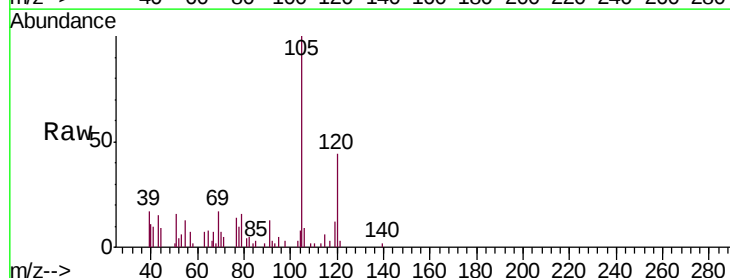
RT: 16.15 min Scan# 4109

Delta R.T. -0.01 min

Lab File: VL033819.D

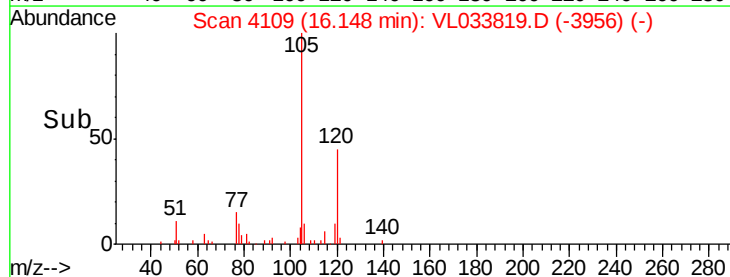
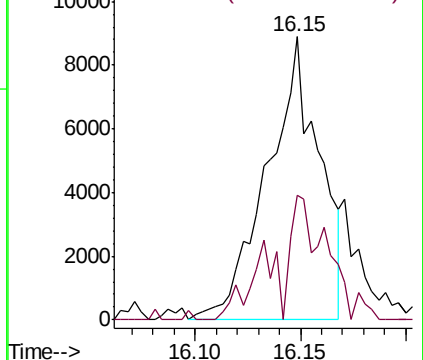
Acq: 29 May 2019 1:51

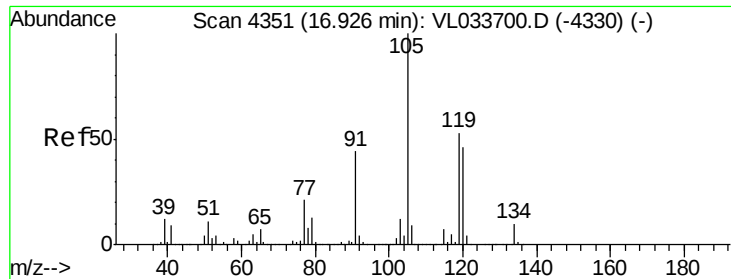
Tgt Ion:	105	Resp:	15266
Ion	Ratio	Lower	Upper
105	100		
120	40.5	37.0	55.4



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

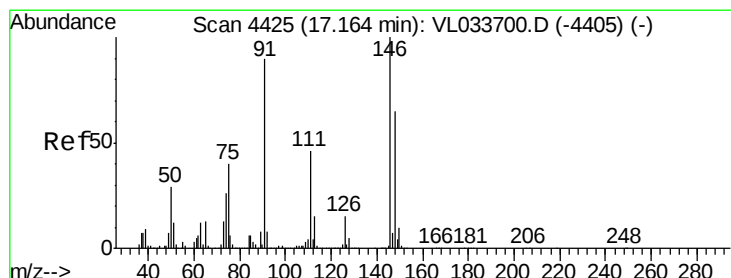
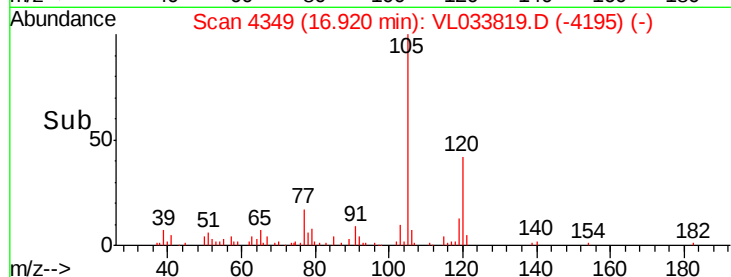
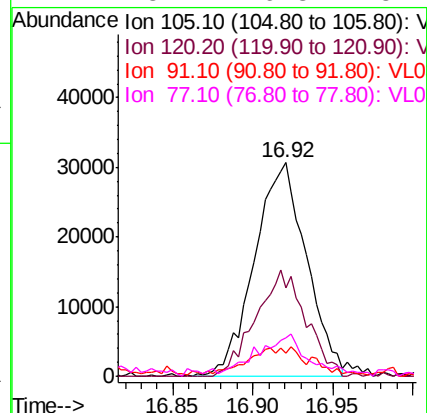
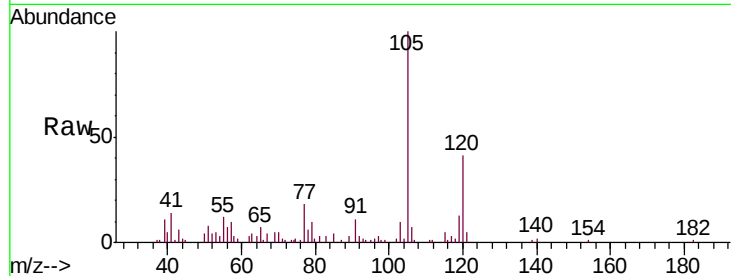




#74
 1,2,4-Trimethylbenzene
 Concen: 0.216 ppbv
 RT: 16.92 min Scan# 4349
 Delta R.T. -0.01 min
 Lab File: VL033819.D
 Acq: 29 May 2019 1:51

Instrument :
 MSVOA_L
 ClientSampleId :
 BPS1-SG-3011-55DL

Tgt Ion	Ratio	Lower	Upper
105	100		
120	41.3	36.8	55.2
91	9.6	35.4	53.0#
77	15.7	16.8	25.2#



#75
 1,3-Dichlorobenzene
 Concen: 0.013 ppbv
 RT: 17.15 min Scan# 4421
 Delta R.T. -0.01 min
 Lab File: VL033819.D
 Acq: 29 May 2019 1:51

Tgt Ion	Ratio	Lower	Upper
146	100		
111	0.0	22.9	68.8#
148	0.0	32.0	96.2#

