

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL100820\
 Data File : VL035745.D
 Acq On : 8 Oct 2020 14:56
 Operator : SY/AP
 Sample : L4275-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 BFI-EFFLUENT-TANK

Manual Integrations
 APPROVED

apatel
 10/12/2020 10:29:37 AM

Quant Time: Oct 10 11:35:11 2020

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL092320AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Sep 2

QLast Update : Wed Sep 23 07:38:05 2020

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1024925	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	3853817	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	3800691	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	2975532	10.45	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.50%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	3.04	85	60345	0.359	ppbv	93
3) Chlorodifluoromethane	2.98	51	1620209	14.694	ppbv	91
4) Chloromethane	3.14	50	42300m	0.714	ppbv	
5) Vinyl Chloride	3.25	62	413489	5.902	ppbv	98
7) Chloroethane	3.56	64	1388689	54.044	ppbv	98
9) Propene	3.01	41	34848	0.870	ppbv	93
11) Trichlorofluoromethane	3.95	101	64250	0.268	ppbv	98
13) Ethanol	3.61	45	24780	2.510	ppbv	100
15) Acetone	3.85	43	489503	4.439	ppbv	95
17) tert-Butyl alcohol	4.31	59	33433	0.278	ppbv	99
18) 1,1-Dichloroethene	4.29	96	30023	0.383	ppbv	87
19) Isopropyl Alcohol	3.98	45	16118	0.269	ppbv #	89
20) Methylene Chloride	4.34	84	393627	4.859	ppbv	96
24) 1,1-Dichloroethane	5.01	63	3228142	21.940	ppbv	99
26) Hexane	5.69	57	47700	0.439	ppbv #	51
29) Chloroform	5.76	83	27854	0.126	ppbv	93
30) Cyclohexane	7.14	84	76247	0.711	ppbv #	84
31) cis-1,2-Dichloroethene	5.55	61	1313381	12.511	ppbv	99
32) 1,1,1-Trichloroethane	6.52	97	126807	0.651	ppbv	99
34) 2-Butanone	5.26	43	41375	0.325	ppbv	95
35) Carbon Tetrachloride	7.02	117	15351	0.076	ppbv #	89
36) Benzene	6.90	78	7708555	30.697	ppbv #	87
37) 1,2-Dichloroethane	6.31	62	253635	1.938	ppbv	100
38) Trichloroethene	7.84	130	16079	0.128	ppbv	88
52) Tetrachloroethene	11.24	164	6252	0.052	ppbv #	84
53) Toluene	9.83	91	16041084	54.172	ppbv #	76
57) Chlorobenzene	12.17	112	1024448	3.569	ppbv	97
58) Ethyl Benzene	12.73	91	2364266	6.198	ppbv	95
59) m/p-Xylene	12.99	91	13109491	39.352	ppbv	92
60) o-Xylene	13.72	91	10361781	30.748	ppbv	89
62) Isopropylbenzene	14.69	105	2489247	4.762	ppbv	95
64) n-propylbenzene	15.59	120	1057253	6.911	ppbv	84
67) sec-Butylbenzene	17.32	105	300011	0.457	ppbv	92
69) p-Isopropyltoluene	17.68	119	249646	0.468	ppbv #	72
72) 4-Ethyltoluene	15.87	105	10228321	25.622	ppbv #	90
73) 1,3,5-Trimethylbenzene	16.03	105	11329975	30.033	ppbv #	84
74) 1,2,4-Trimethylbenzene	16.80	105	17279878	40.634	ppbv #	70
76) 1,4-Dichlorobenzene	17.17	146	178985	0.645	ppbv	97
77) 1,2-Dichlorobenzene	17.85	146	194730	0.710	ppbv	99
79) Naphthalene	22.24	128	204833	0.505	ppbv	97
80) Naphthalene,2-methyl-	25.00	142	13939	0.146	ppbv #	82

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Manual Integrations
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10/12/2020 10:29:37 AM

Quant Time: Oct 10 11:35:11 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL092320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Sep 23 07:38:05 2020
QLast Update : Wed Sep 23 07:38:05 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

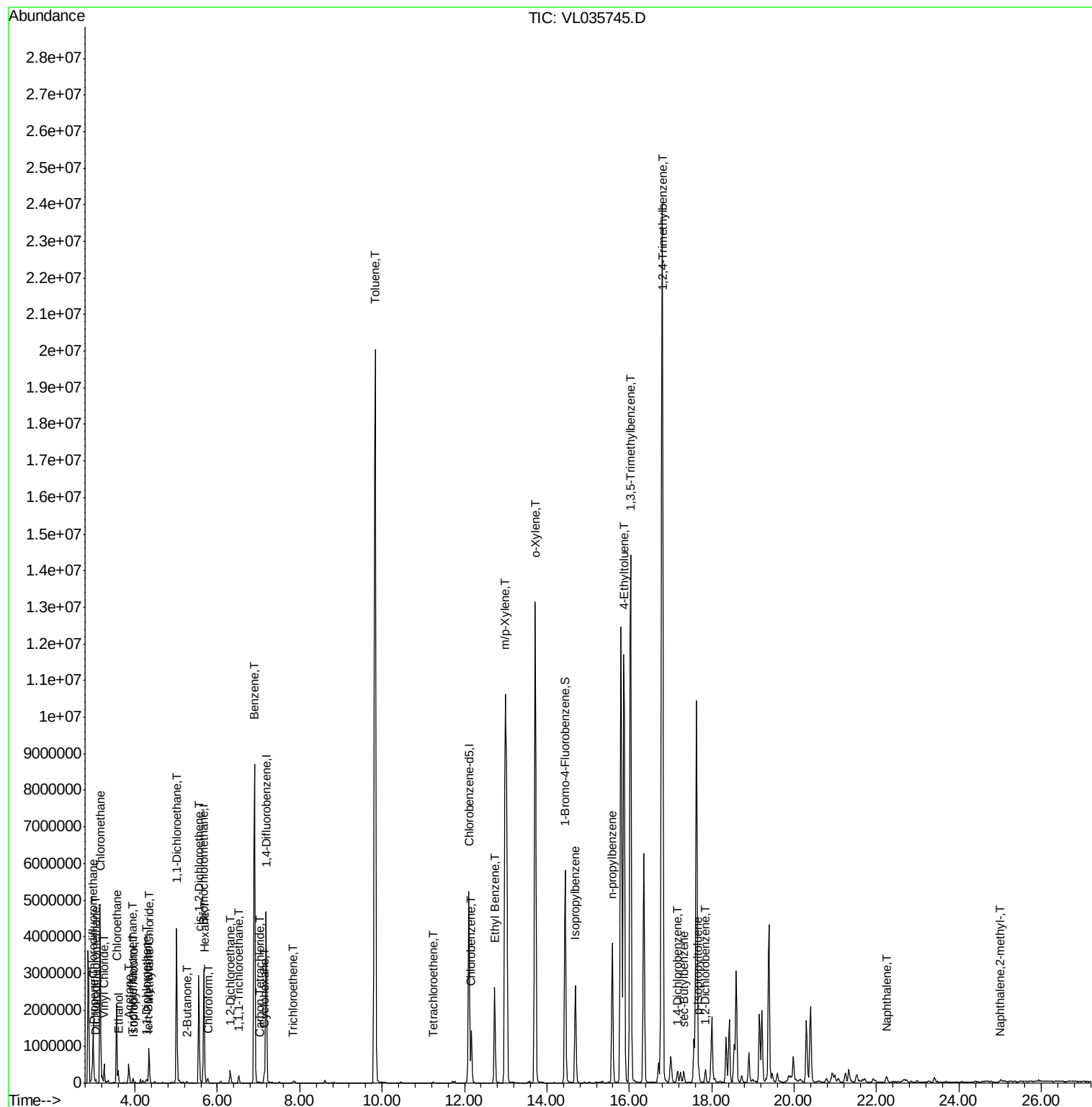
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL100820\
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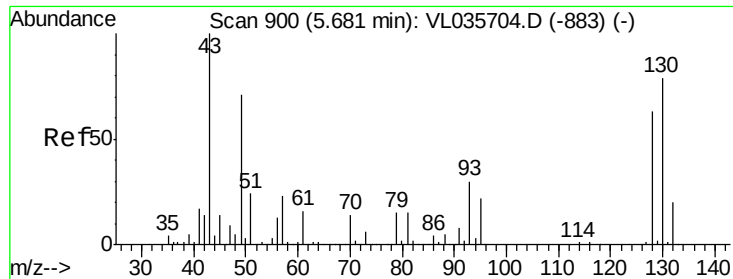
Instrument :
MSVOA_L
ClientSampleId :
BFI-EFFLUENT-TANK

Manual Integrations
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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Sep
QLast Update : Wed Sep 23 07:38:05 2020
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 897

Delta R.T. -0.01 min

Lab File: VL035745.D

Acq: 8 Oct 2020 14:56

Instrument :

MSVOA_L

ClientSampleId :

BFI-EFFLUENT-TANK

Tot Ion: 49 Resp: 1024925

Ion Ratio Lower Upper

49 100

128 83.0 43.1 129.4

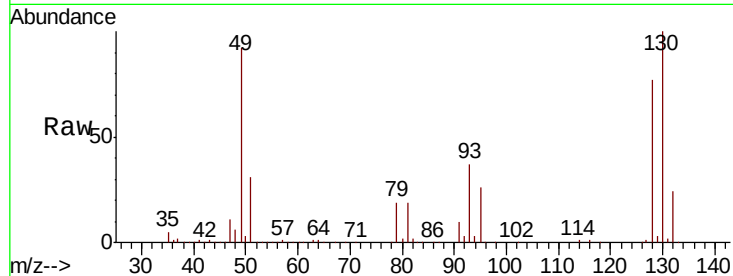
130 106.1 54.9 164.7

Manual Integrations

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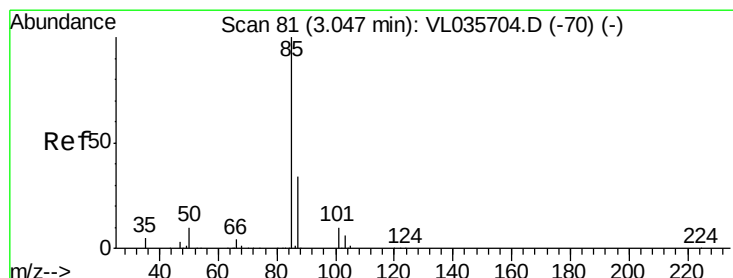
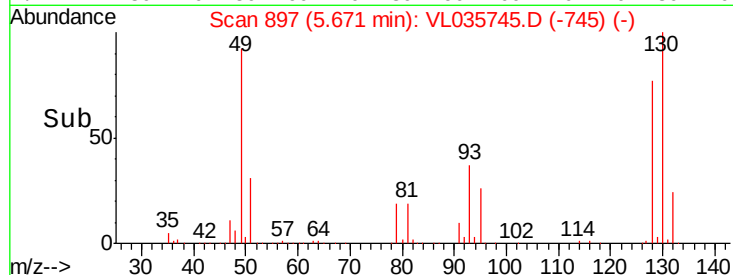
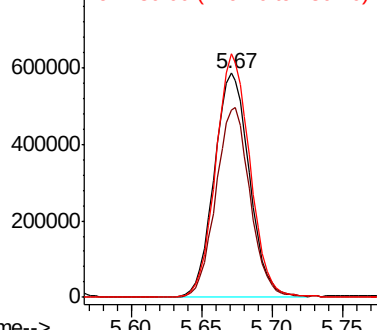


Abundance

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: 0.359 ppbv

RT: 3.04 min Scan# 80

Delta R.T. -0.00 min

Lab File: VL035745.D

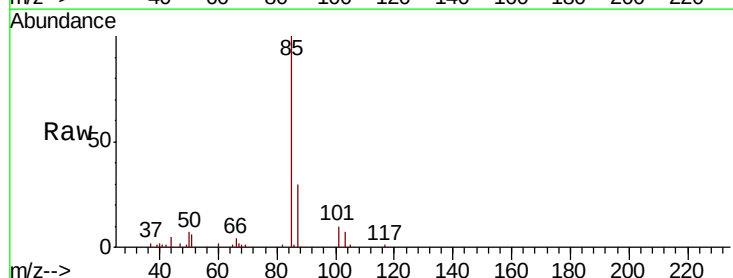
Acq: 8 Oct 2020 14:56

Tgt Ion: 85 Resp: 60345

Ion Ratio Lower Upper

85 100

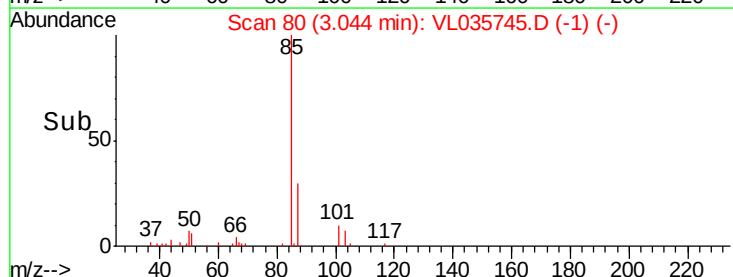
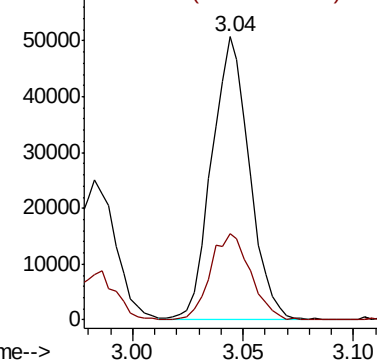
87 30.3 27.3 40.9

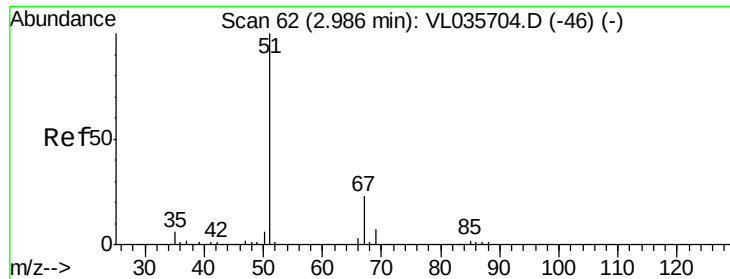


Abundance

Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 14.694 ppbv

RT: 2.98 min Scan# 61

Delta R.T. -0.00 min

Lab File: VL035745.D

Acq: 8 Oct 2020 14:56

Instrument :

MSVOA_L

ClientSampleId :

BFI-EFFLUENT-TANK

Tot Ion: 51 Resp: 1620209

Ion Ratio Lower Upper

51 100

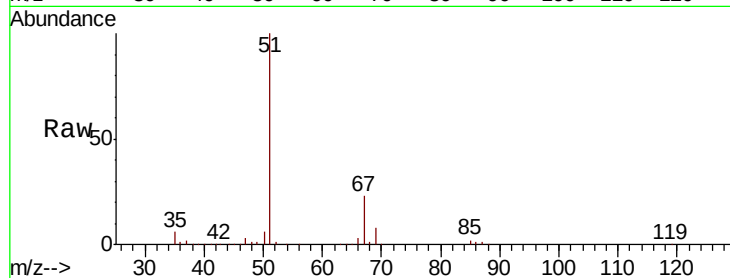
67 18.1 17.8 26.8

Manual Integrations

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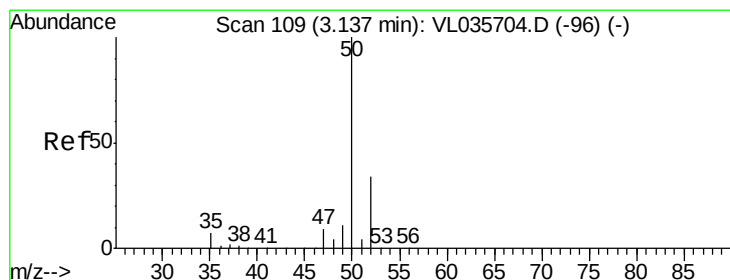
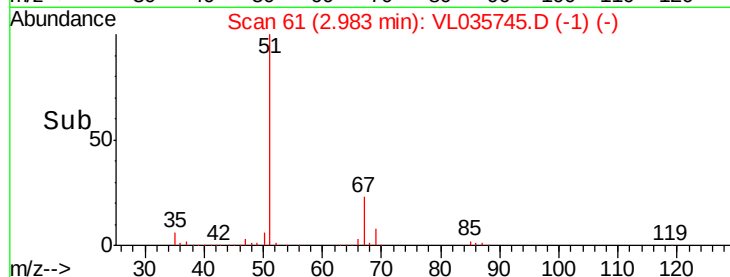
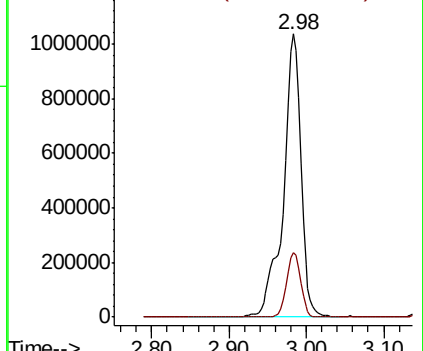
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Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 0.714 ppbv m

RT: 3.14 min Scan# 111

Delta R.T. 0.01 min

Lab File: VL035745.D

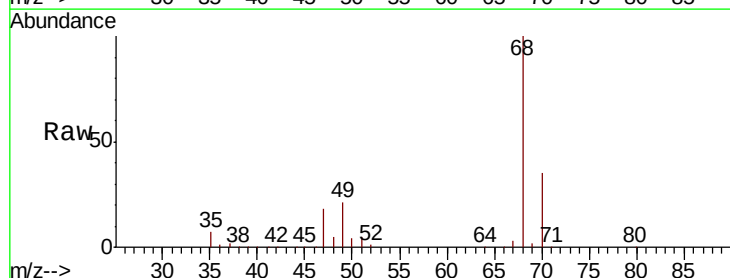
Acq: 8 Oct 2020 14:56

Tgt Ion: 50 Resp: 42300

Ion Ratio Lower Upper

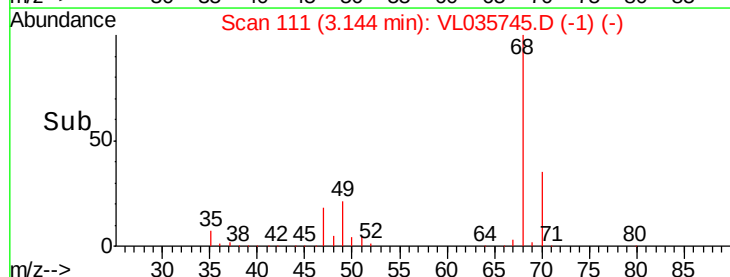
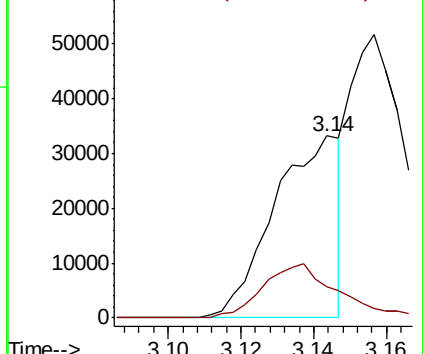
50 100

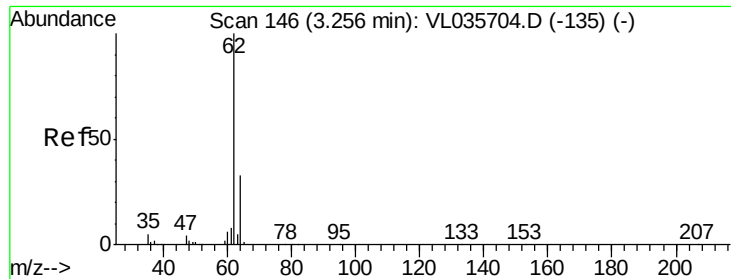
52 17.5 26.8 40.2#



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 5.902 ppbv

RT: 3.25 min Scan# 145

Delta R.T. -0.00 min

Lab File: VL035745.D

Acq: 8 Oct 2020 14:56

Instrument :

MSVOA_L

ClientSampleId :

BFI-EFFLUENT-TANK

Tot Ion: 62 Resp: 413489

Ion Ratio Lower Upper

62 100

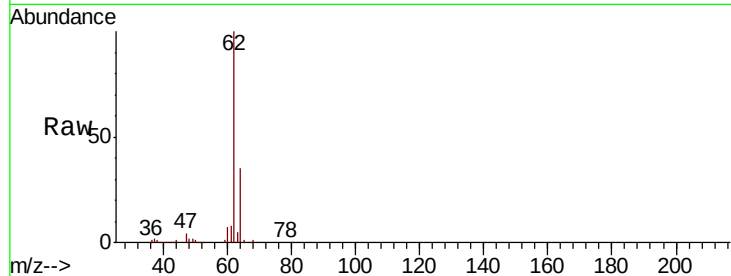
64 34.6 26.8 40.2

Manual Integrations

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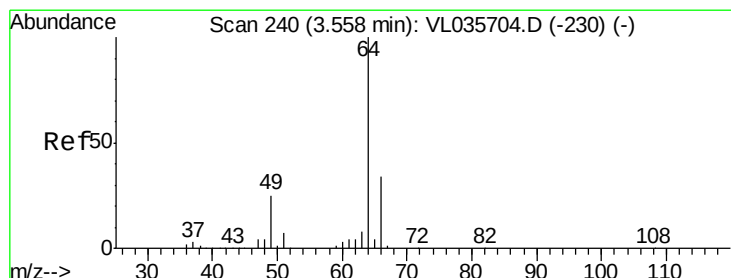
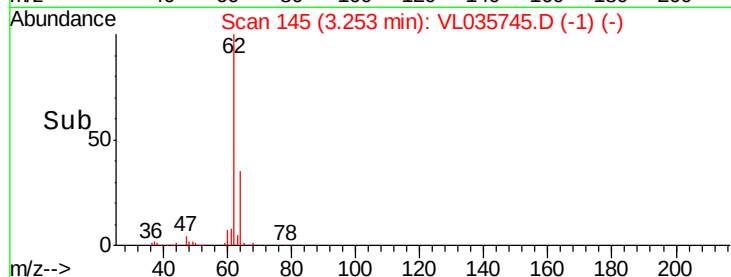
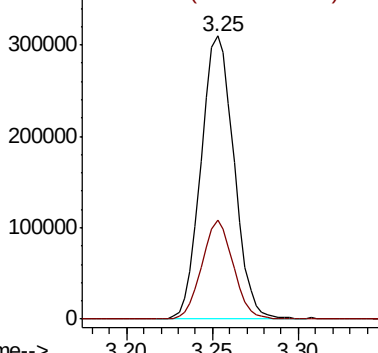
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Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0



#7

Chloroethane

Concen: 54.044 ppbv

RT: 3.56 min Scan# 239

Delta R.T. -0.00 min

Lab File: VL035745.D

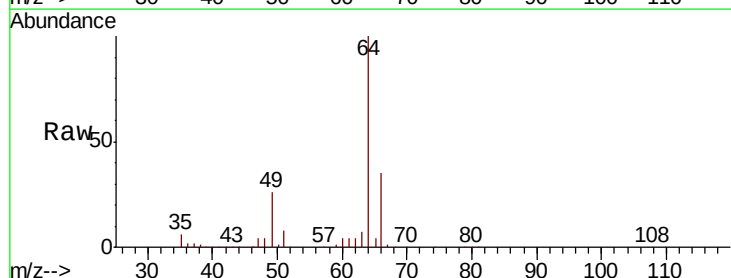
Acq: 8 Oct 2020 14:56

Tgt Ion: 64 Resp: 1388689

Ion Ratio Lower Upper

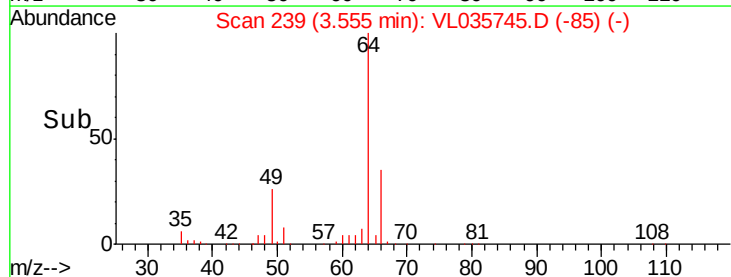
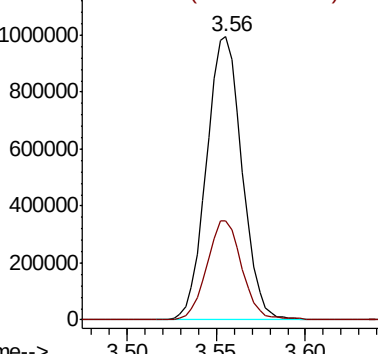
64 100

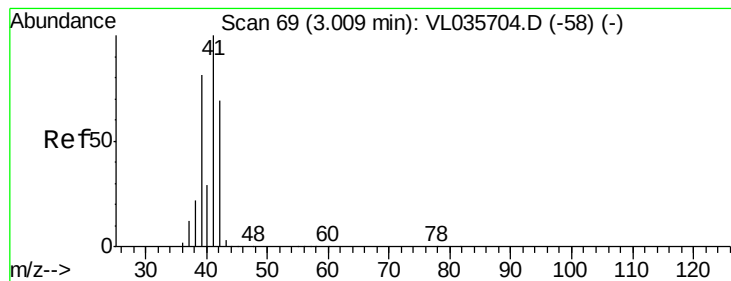
66 35.0 26.9 40.3



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0





#9

Propene

Concen: 0.870 ppbv

RT: 3.01 min Scan# 69

Delta R.T. -0.00 min

Lab File: VL035745.D

Acq: 8 Oct 2020 14:56

Instrument :

MSVOA_L

ClientSampleId :

BFI-EFFLUENT-TANK

Tot Ion: 41 Resp: 34848

Ion Ratio Lower Upper

41 100

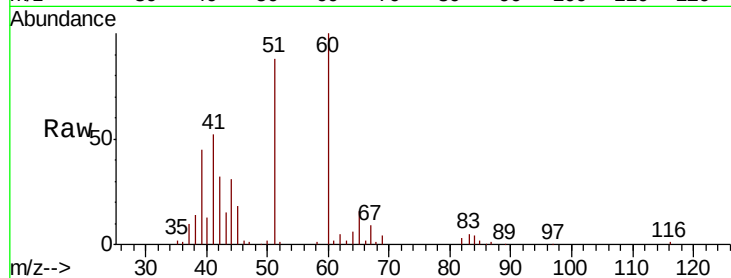
42 64.3 56.2 84.4

Manual Integrations

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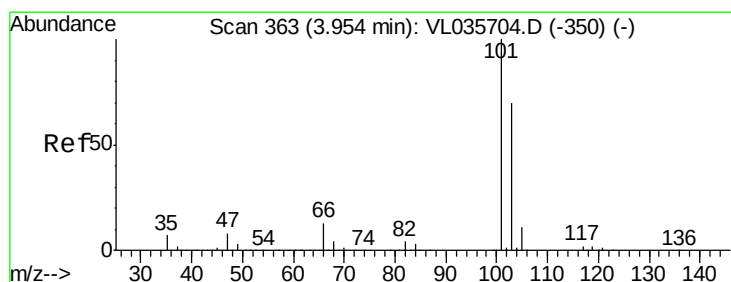
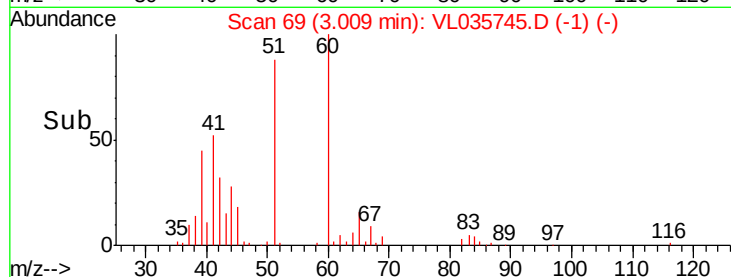
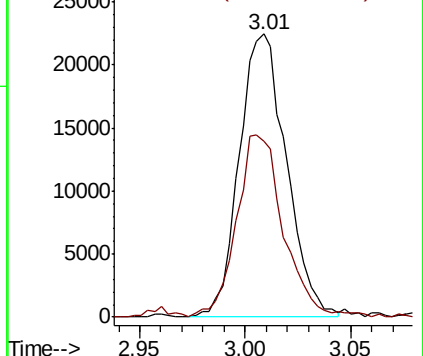
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Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0



#11

Trichlorofluoromethane

Concen: 0.268 ppbv

RT: 3.95 min Scan# 362

Delta R.T. -0.00 min

Lab File: VL035745.D

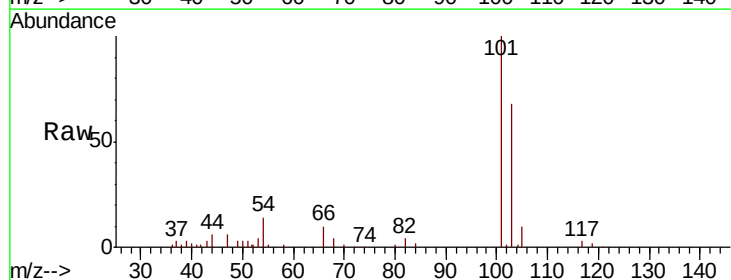
Acq: 8 Oct 2020 14:56

Tgt Ion: 101 Resp: 64250

Ion Ratio Lower Upper

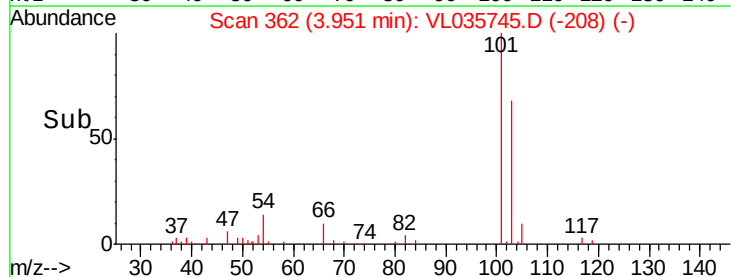
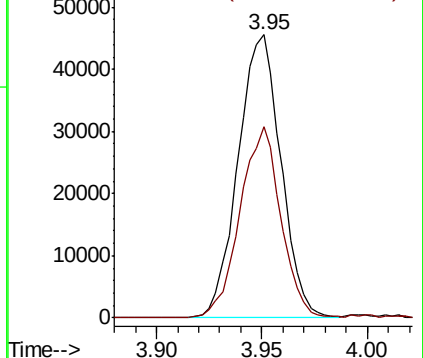
101 100

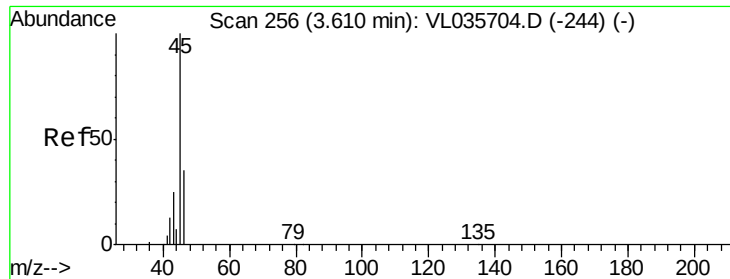
103 67.6 55.6 83.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V





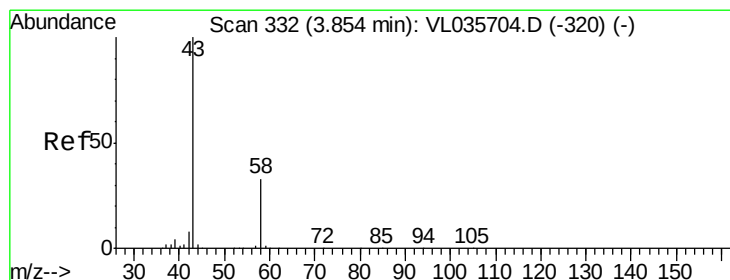
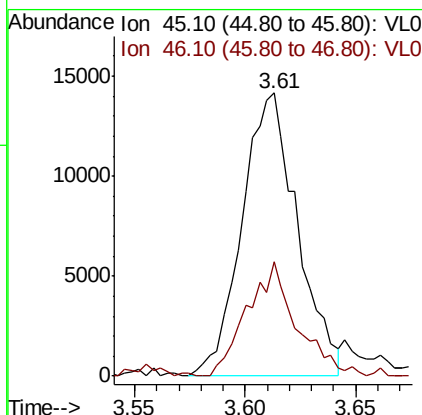
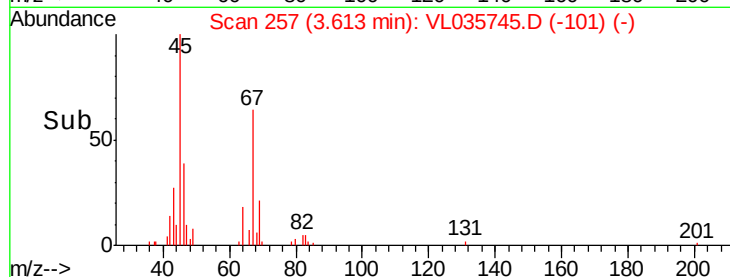
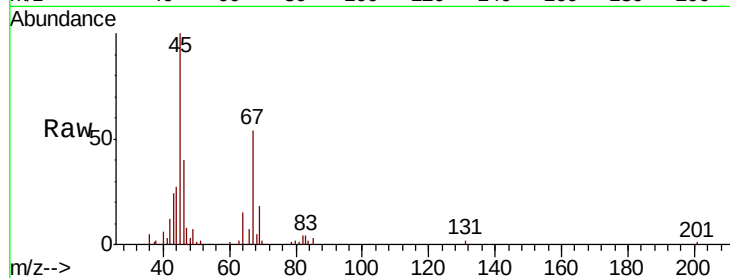
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Ethanol
Concen: 2.510 ppbv
RT: 3.61 min Scan# 257
Delta R.T. 0.00 min
Lab File: VL035745.D
Acq: 8 Oct 2020 14:56

Instrument :
MSVOA_L
ClientSampleId :
BFI-EFFLUENT-TANK

Tot Ion: 45 Resp: 24780
Ion Ratio Lower Upper
45 100
46 36.6 14.7 58.7

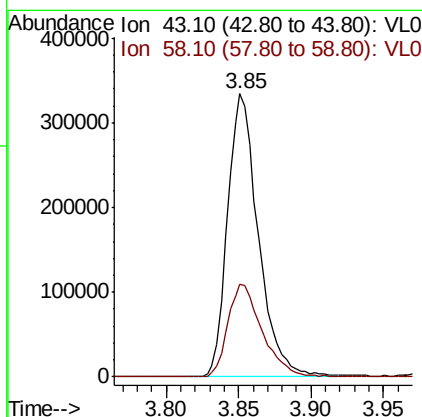
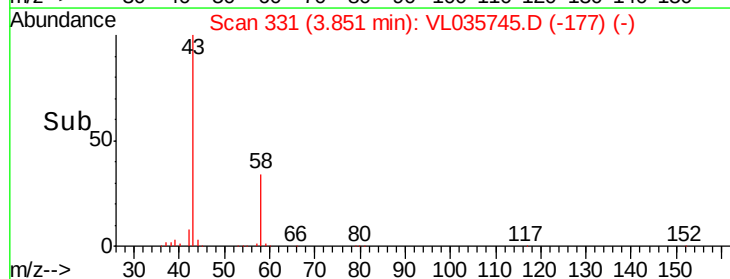
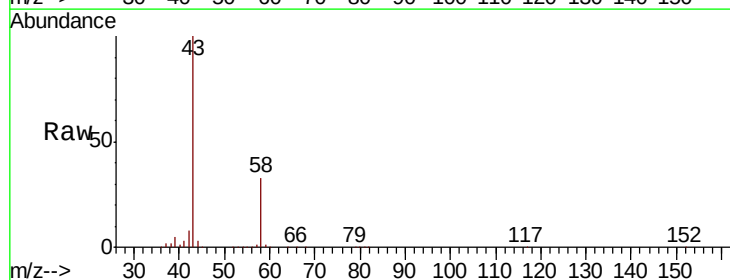
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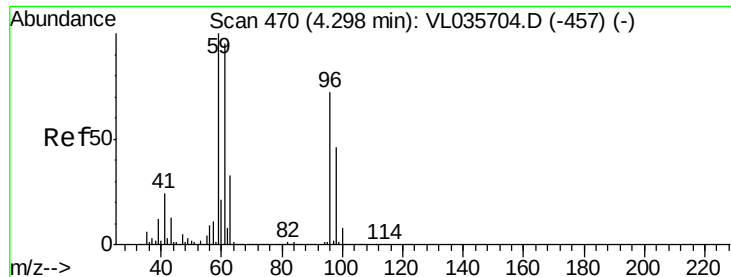
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10/12/2020 10:29:37 AM



#15
Acetone
Concen: 4.439 ppbv
RT: 3.85 min Scan# 331
Delta R.T. -0.00 min
Lab File: VL035745.D
Acq: 8 Oct 2020 14:56

Tgt Ion: 43 Resp: 489503
Ion Ratio Lower Upper
43 100
58 36.9 27.3 40.9





#17

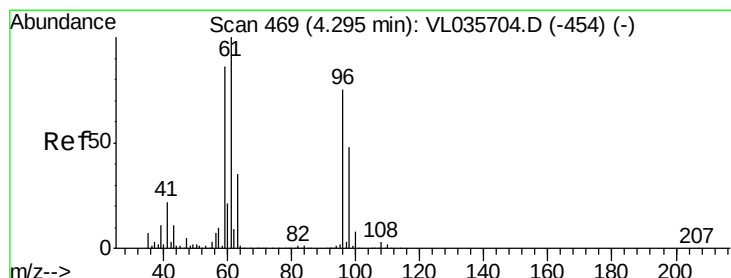
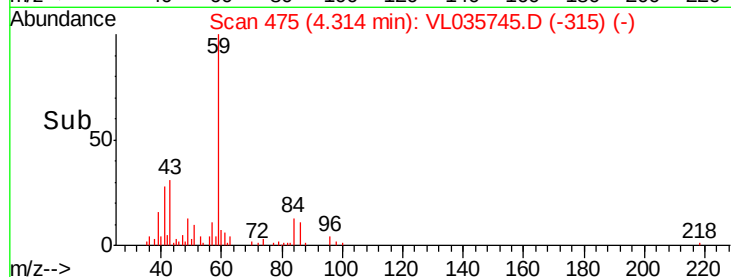
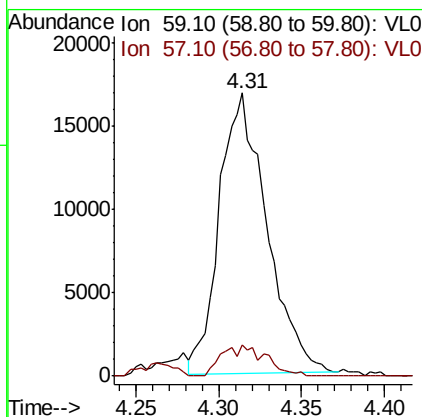
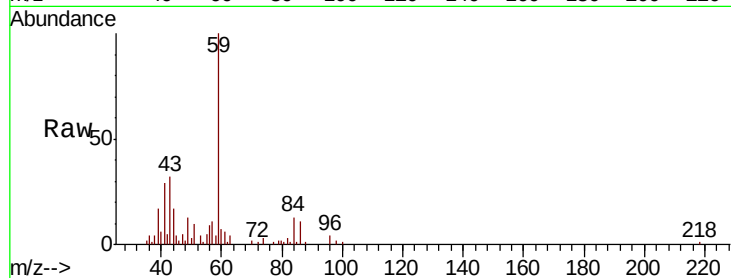
tert-Butyl alcohol
 Concen: 0.278 ppbv
 RT: 4.31 min Scan# 475
 Delta R.T. 0.02 min
 Lab File: VL035745.D
 Acq: 8 Oct 2020 14:56

Instrument :
 MSVOA_L
 ClientSampleId :
 BFI-EFFLUENT-TANK

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.5	12.7

Manual Integrations
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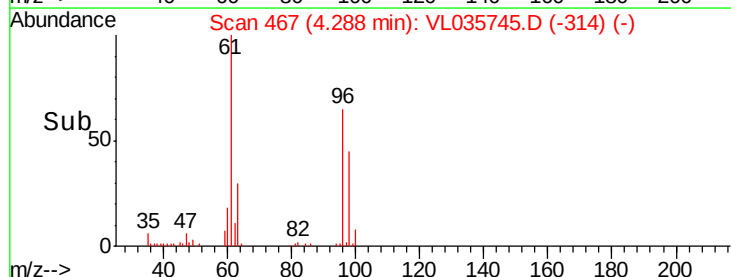
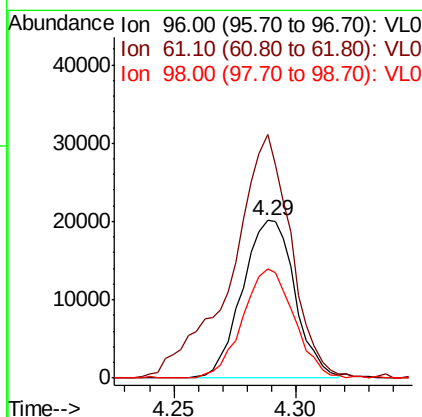
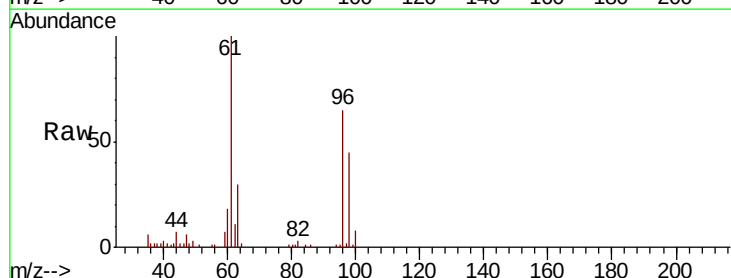
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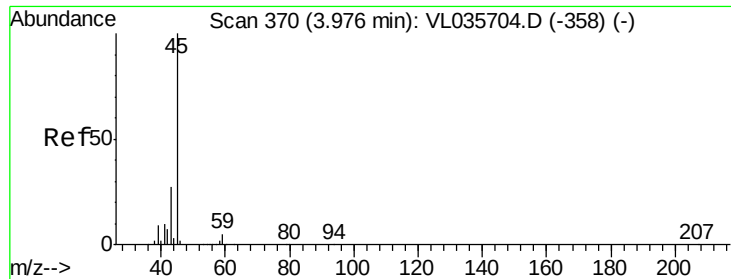


#18

1,1-Dichloroethene
 Concen: 0.383 ppbv
 RT: 4.29 min Scan# 467
 Delta R.T. -0.01 min
 Lab File: VL035745.D
 Acq: 8 Oct 2020 14:56

Tgt Ion	Ratio	Lower	Upper
96	100		
61	151.7	106.7	160.1
98	69.1	50.8	76.2





#19

Isopropyl Alcohol

Concen: 0.269 ppbv

RT: 3.98 min Scan# 372

Delta R.T. 0.01 min

Lab File: VL035745.D

Acq: 8 Oct 2020 14:56

Instrument :

MSVOA_L

ClientSampleId :

BFI-EFFLUENT-TANK

Tot Ion: 45 Resp: 16118

Ion Ratio Lower Upper

45 100

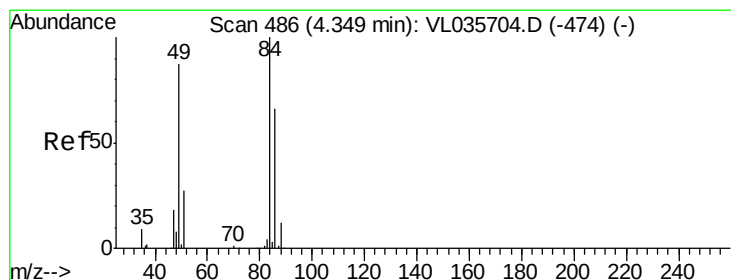
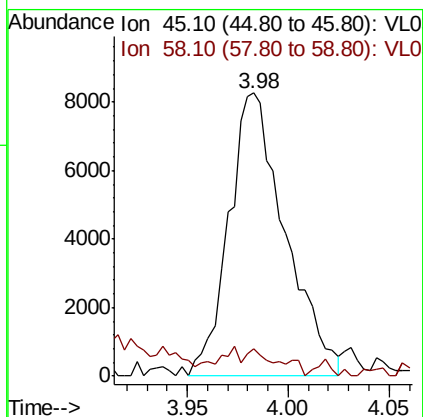
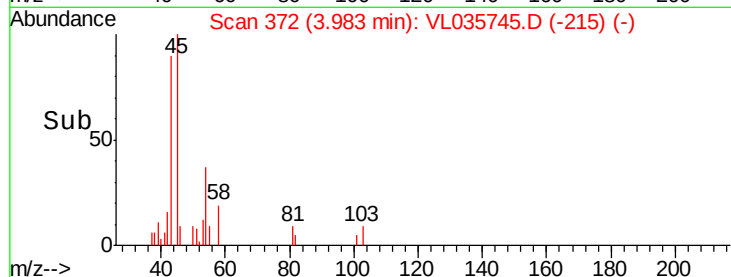
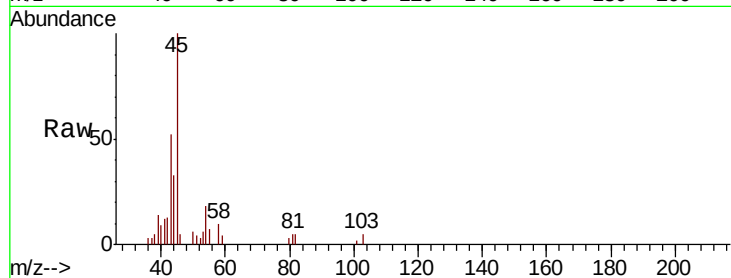
58 0.0 2.8 4.2#

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#20

Methylene Chloride

Concen: 4.859 ppbv

RT: 4.34 min Scan# 484

Delta R.T. -0.01 min

Lab File: VL035745.D

Acq: 8 Oct 2020 14:56

Tgt Ion: 84 Resp: 393627

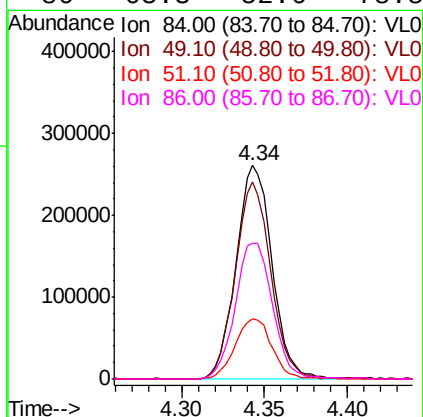
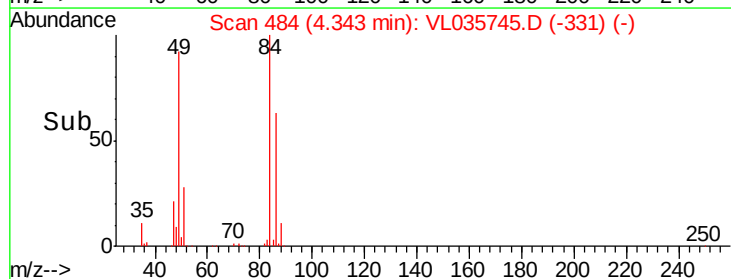
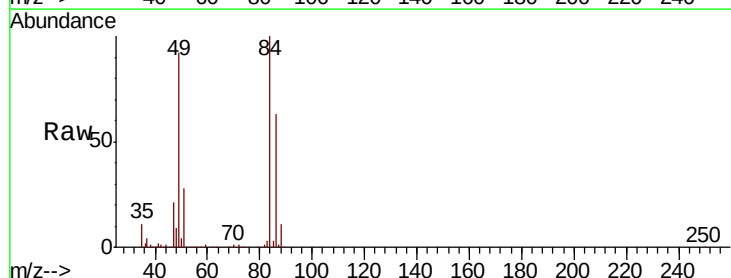
Ion Ratio Lower Upper

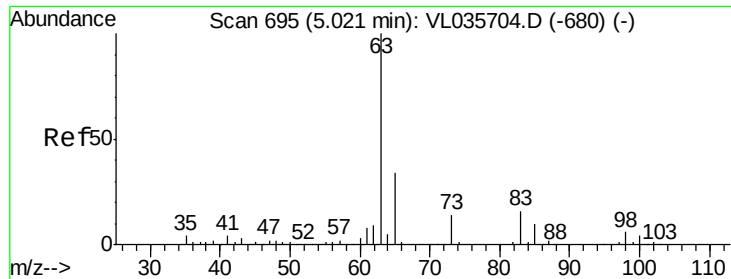
84 100

49 91.9 69.8 104.6

51 28.1 21.8 32.8

86 63.3 52.6 78.8





#24

1,1-Dichloroethane

Concen: 21.940 ppbv

RT: 5.01 min Scan# 692

Delta R.T. -0.01 min

Lab File: VL035745.D

Acq: 8 Oct 2020 14:56

Instrument :

MSVOA_L

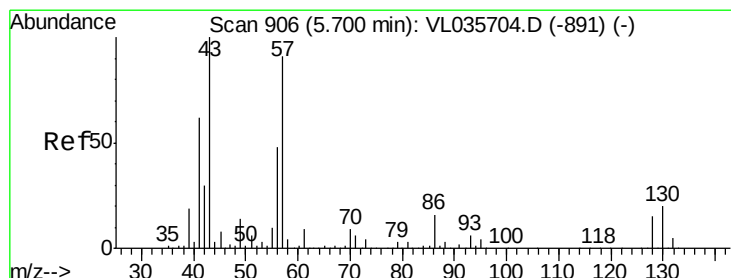
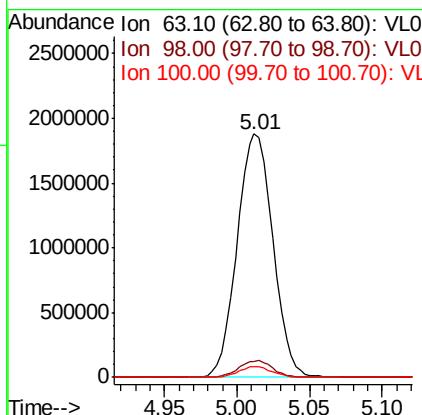
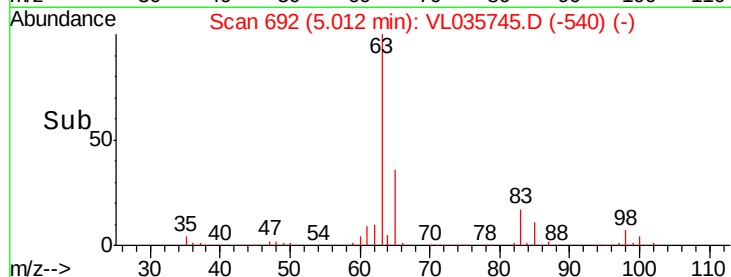
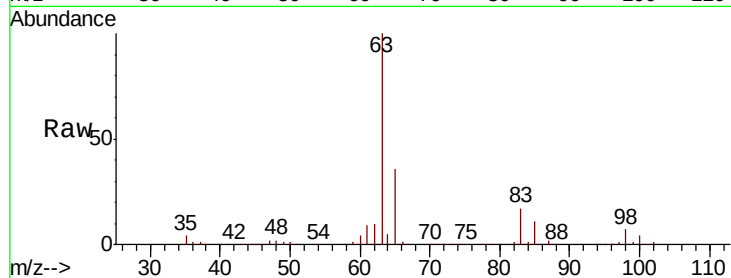
ClientSampleId :

BFI-EFFLUENT-TANK

Tot Ion:	63	Resp:	3228142
Ion	Ratio	Lower	Upper
63	100		
98	6.7	3.3	9.8
100	4.2	2.0	5.8

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#26

Hexane

Concen: 0.439 ppbv

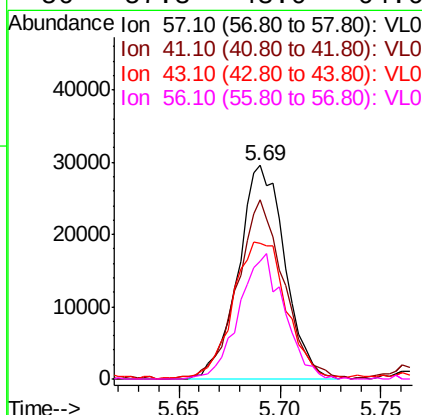
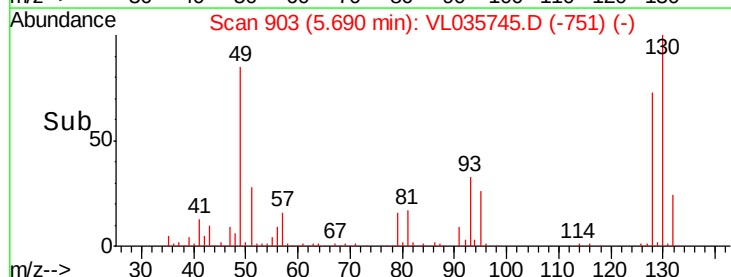
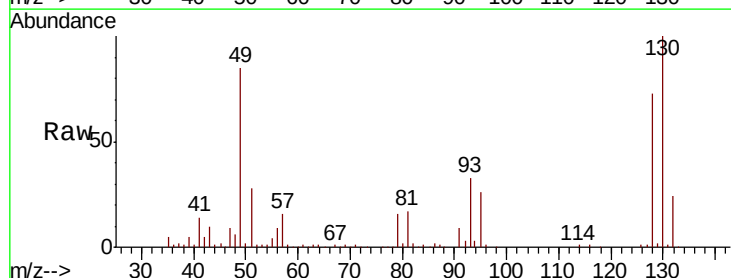
RT: 5.69 min Scan# 903

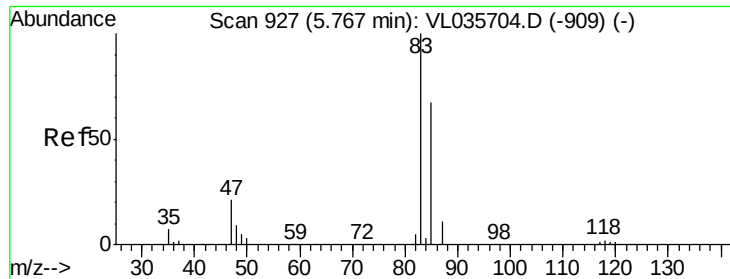
Delta R.T. -0.01 min

Lab File: VL035745.D

Acq: 8 Oct 2020 14:56

Tgt Ion:	57	Resp:	47700
Ion	Ratio	Lower	Upper
57	100		
41	84.2	57.9	86.9
43	72.8	143.8	215.6#
56	57.3	43.0	64.6





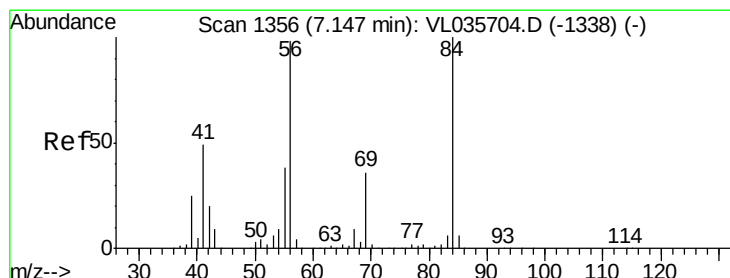
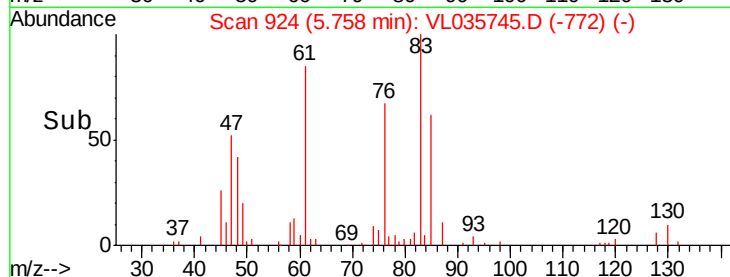
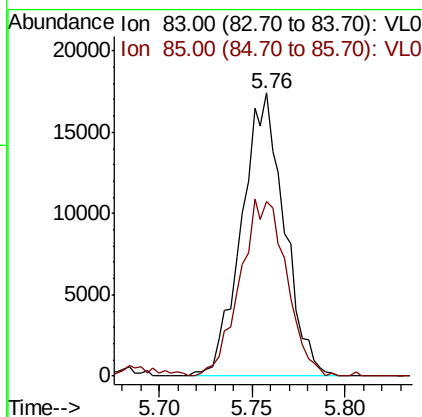
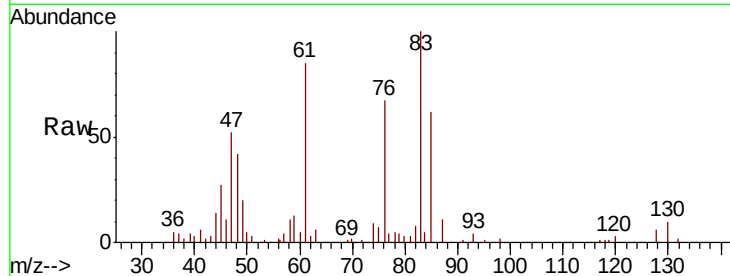
#29
Chloroform
Concen: 0.126 ppbv
RT: 5.76 min Scan# 924
Delta R.T. -0.01 min
Lab File: VL035745.D
Acq: 8 Oct 2020 14:56

Instrument :
MSVOA_L
ClientSampleId :
BFI-EFFLUENT-TANK

Tot Ion	83	Resp	27854
Ion Ratio	100	Lower	Upper
85	61.6	54.0	81.0

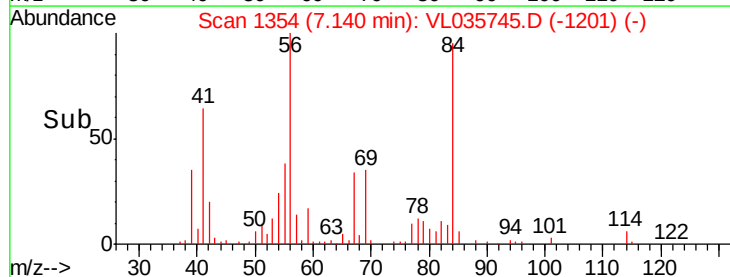
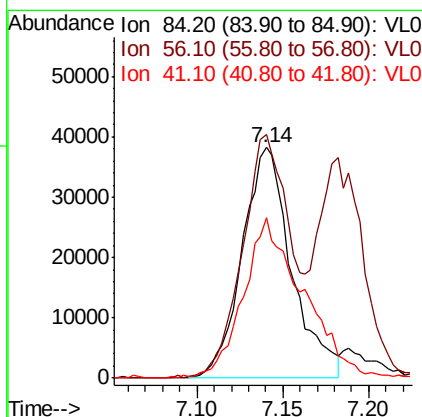
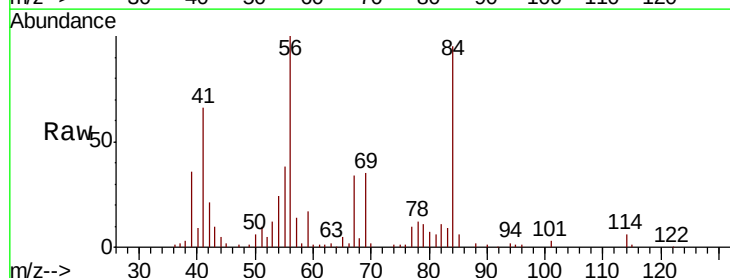
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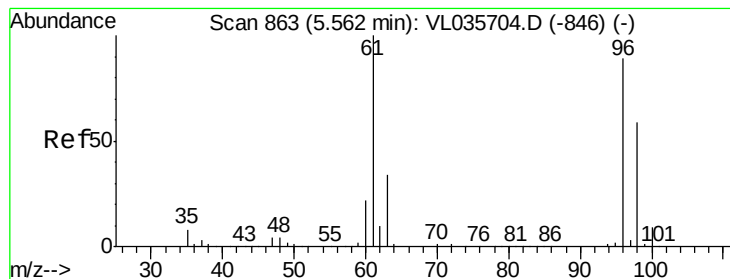
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#30
Cyclohexane
Concen: 0.711 ppbv
RT: 7.14 min Scan# 1354
Delta R.T. -0.01 min
Lab File: VL035745.D
Acq: 8 Oct 2020 14:56

Tgt Ion	84	Resp	76247
Ion Ratio	100	Lower	Upper
56	106.8	84.6	127.0
41	84.1	41.1	61.7#





#31

cis-1,2-Dichloroethene

Concen: 12.511 ppbv

RT: 5.55 min Scan# 860

Delta R.T. -0.01 min

Lab File: VL035745.D

Acq: 8 Oct 2020 14:56

Instrument :

MSVOA_L

ClientSampleId :

BFI-EFFLUENT-TANK

Tot Ion: 61 Resp: 131381

Ion Ratio Lower Upper

61 100

96 88.9 71.4 107.2

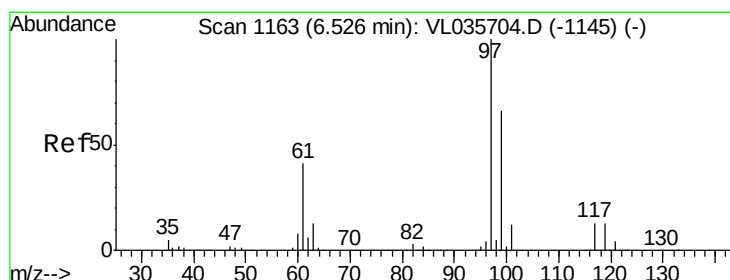
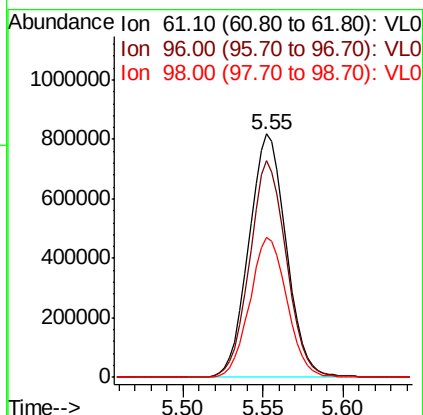
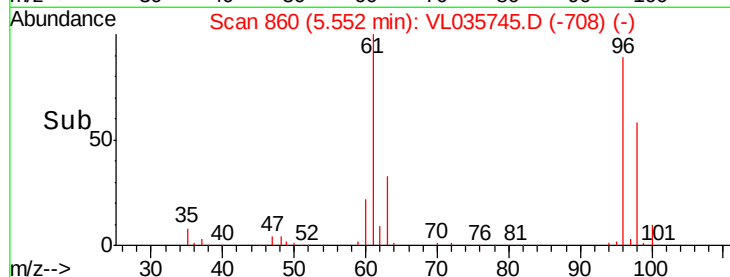
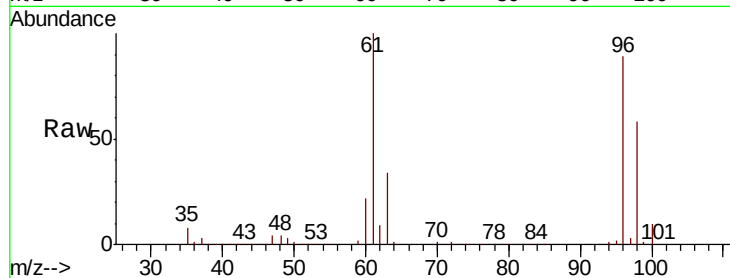
98 57.6 47.4 71.2

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#32

1,1,1-Trichloroethane

Concen: 0.651 ppbv

RT: 6.52 min Scan# 1161

Delta R.T. -0.01 min

Lab File: VL035745.D

Acq: 8 Oct 2020 14:56

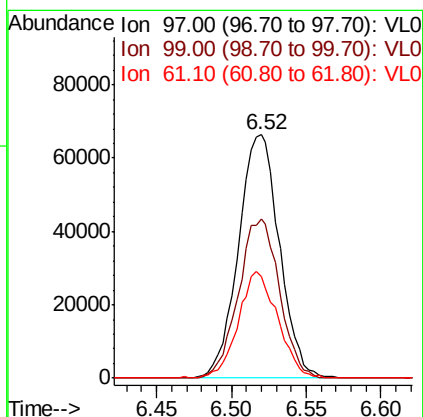
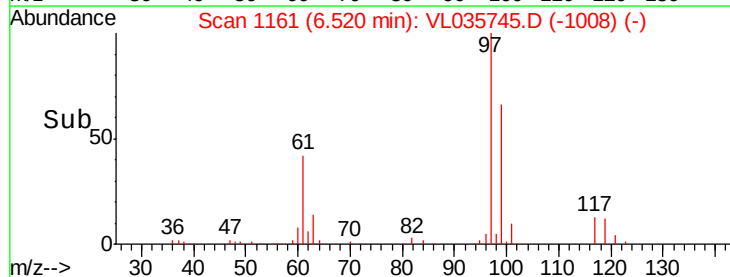
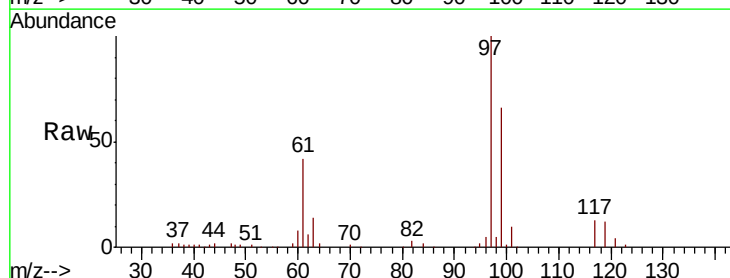
Tgt Ion: 97 Resp: 126807

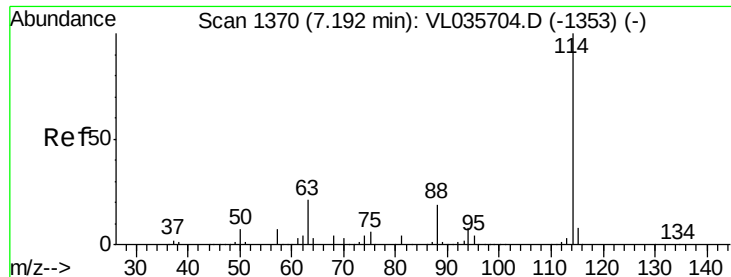
Ion Ratio Lower Upper

97 100

99 65.1 52.7 79.1

61 42.1 32.7 49.1





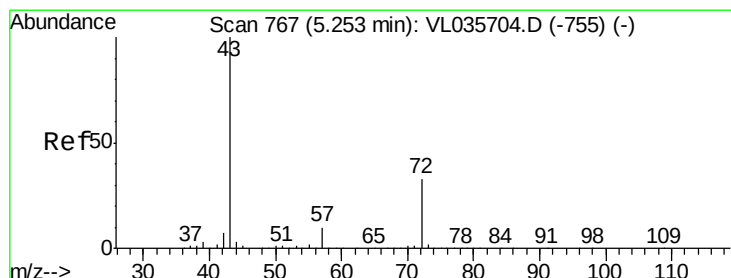
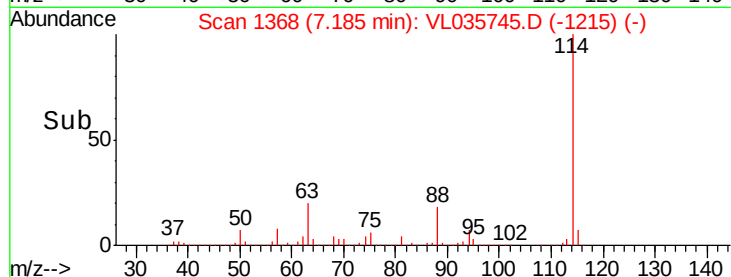
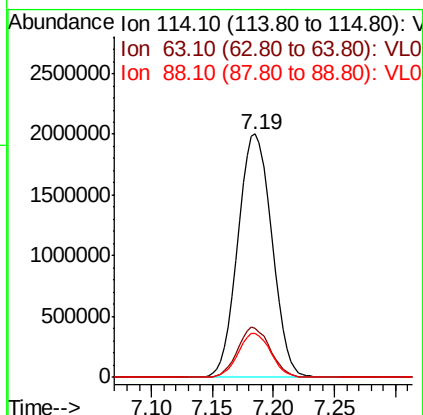
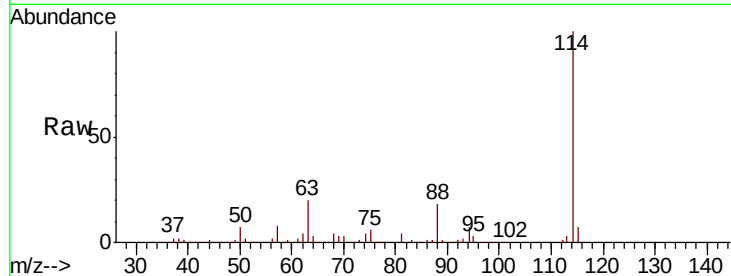
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: VL035745.D
 Acq: 8 Oct 2020 14:56

Instrument :
 MSVOA_L
 ClientSampleId :
 BFI-EFFLUENT-TANK

Tot Ion:114 Resp: 3853817
 Ion Ratio Lower Upper
 114 100
 63 19.8 16.1 24.1
 88 17.3 14.1 21.1

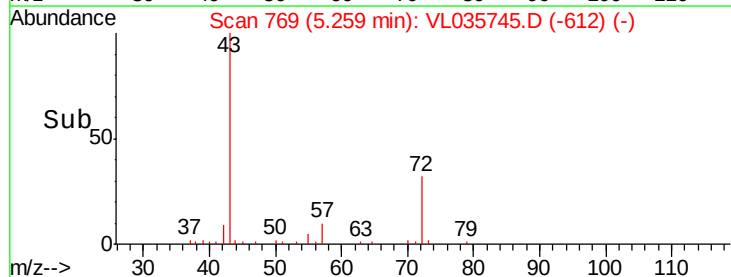
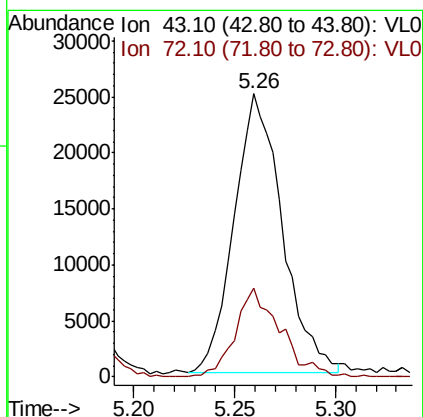
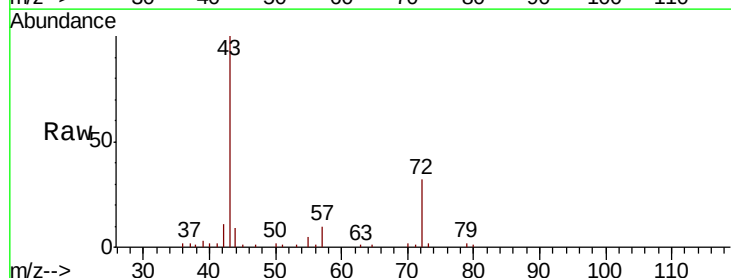
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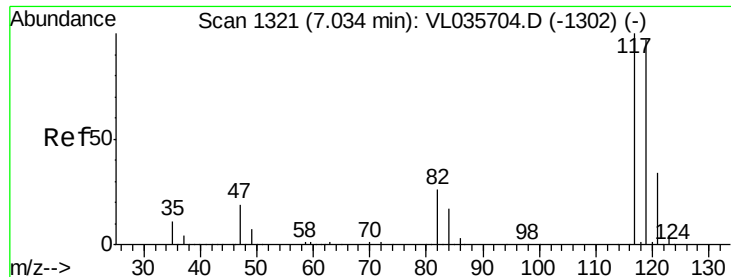
apatel
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#34
 2-Butanone
 Concen: 0.325 ppbv
 RT: 5.26 min Scan# 769
 Delta R.T. 0.01 min
 Lab File: VL035745.D
 Acq: 8 Oct 2020 14:56

Tgt Ion: 43 Resp: 41375
 Ion Ratio Lower Upper
 43 100
 72 30.0 26.1 39.1





#35

Carbon Tetrachloride

Concen: 0.076 ppbv

RT: 7.02 min Scan# 1318

Delta R.T. -0.01 min

Lab File: VL035745.D

Acq: 8 Oct 2020 14:56

Instrument :

MSVOA_L

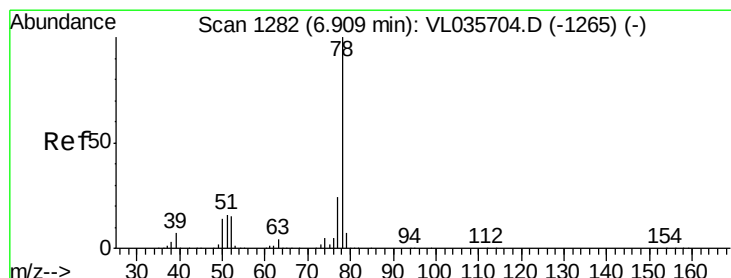
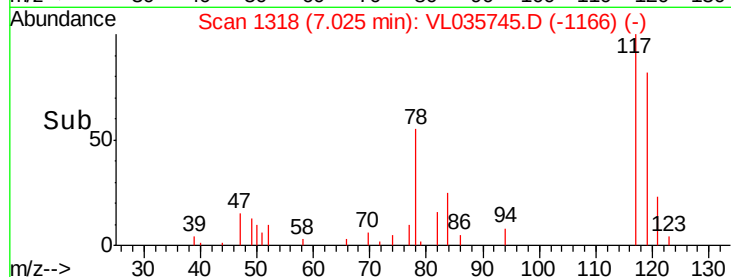
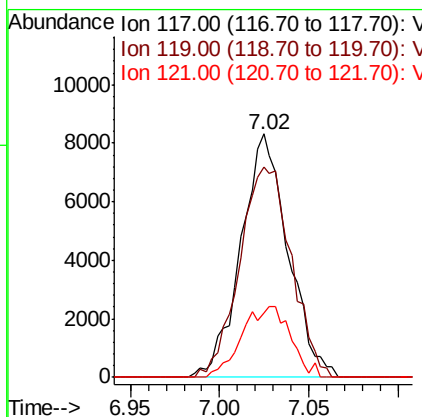
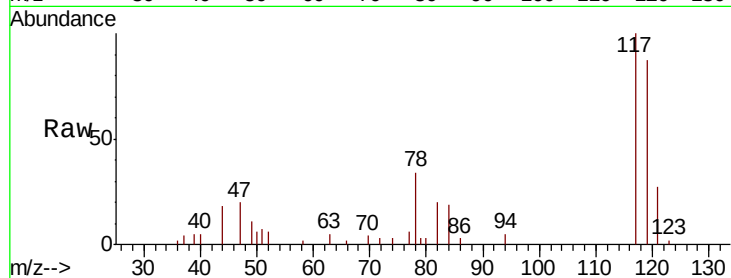
ClientSampleId :

BFI-EFFLUENT-TANK

Tot Ion	Ratio	Lower	Upper
117	100		
119	86.5	77.7	116.5
121	26.6	26.9	40.3

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#36

Benzene

Concen: 30.697 ppbv

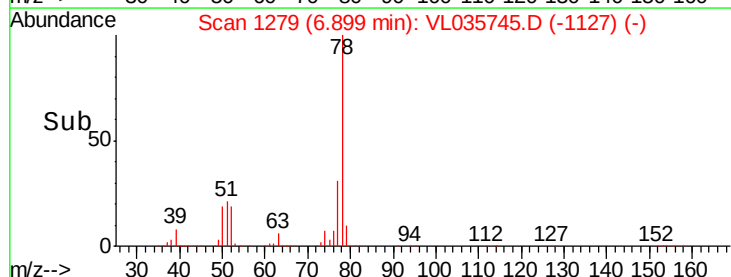
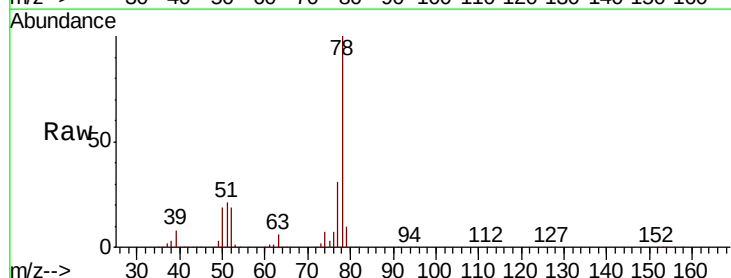
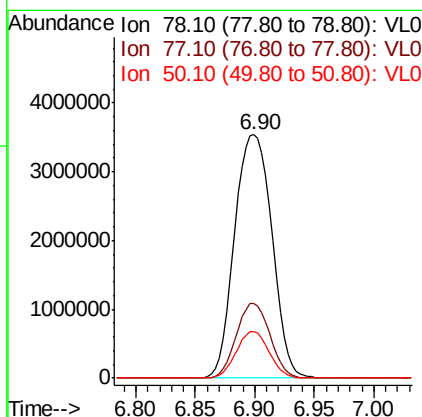
RT: 6.90 min Scan# 1279

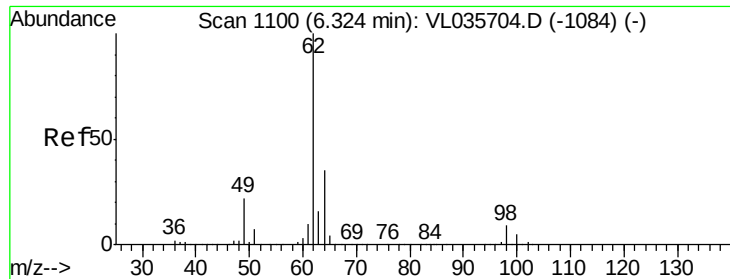
Delta R.T. -0.01 min

Lab File: VL035745.D

Acq: 8 Oct 2020 14:56

Tgt Ion	Ratio	Lower	Upper
78	100		
77	30.9	19.3	28.9
50	19.3	11.6	17.4





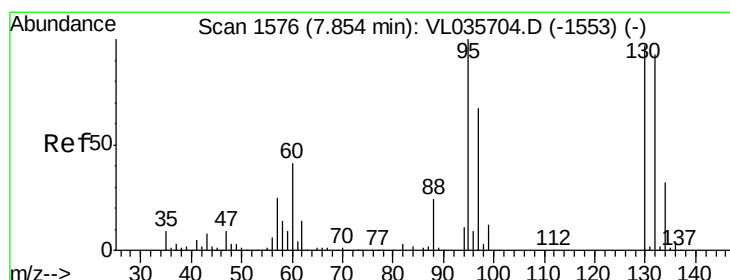
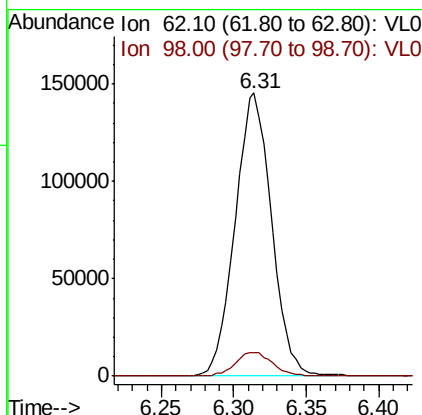
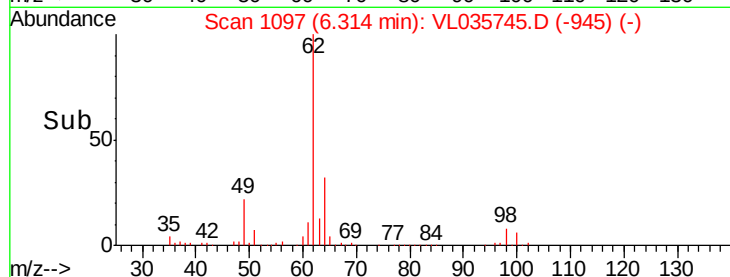
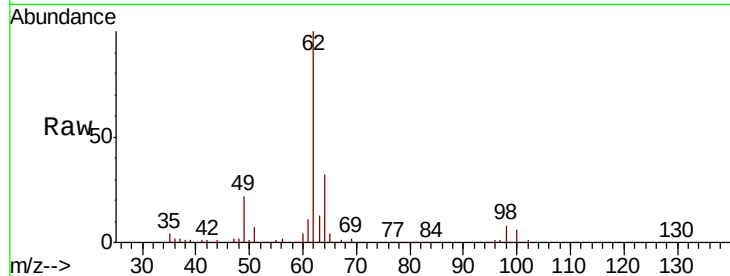
#37
 1,2-Dichloroethane
 Concen: 1.938 ppbv
 RT: 6.31 min Scan# 1097
 Delta R.T. -0.01 min
 Lab File: VL035745.D
 Acq: 8 Oct 2020 14:56

Instrument :
 MSVOA_L
 ClientSampleId :
 BFI-EFFLUENT-TANK

Tot Ion	Ratio	Resp	Lower	Upper
62	100	253635		
98	8.7	6.9	10.3	

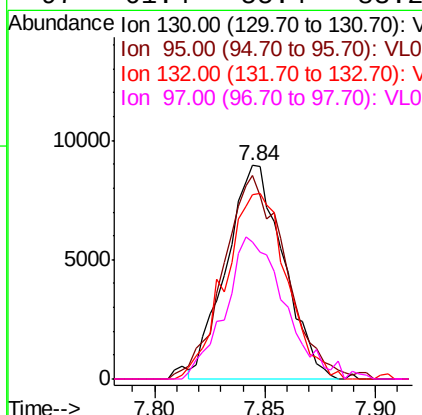
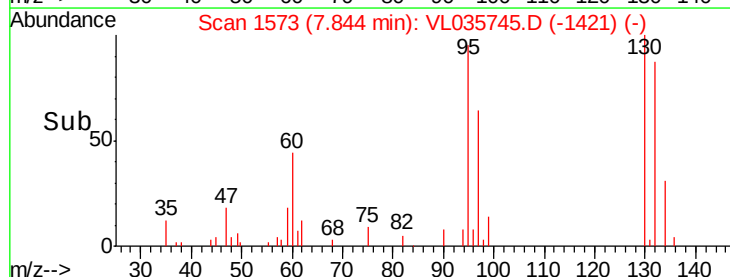
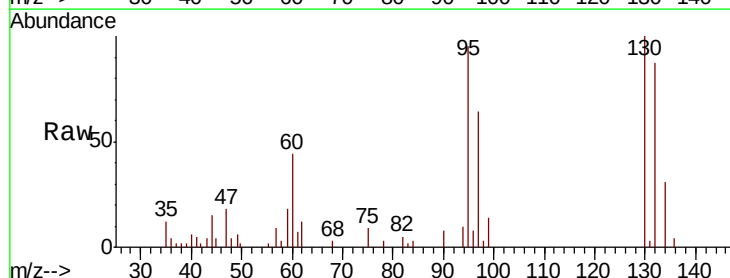
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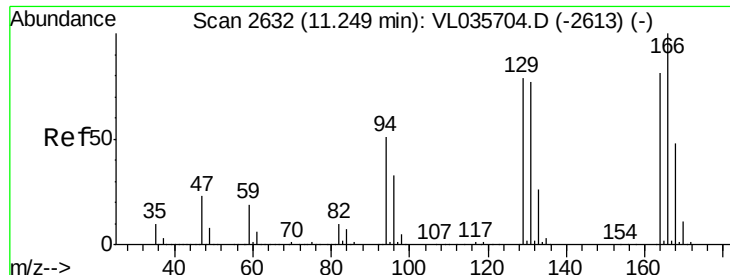
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#38
 Trichloroethene
 Concen: 0.128 ppbv
 RT: 7.84 min Scan# 1573
 Delta R.T. -0.01 min
 Lab File: VL035745.D
 Acq: 8 Oct 2020 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
130	100	16079		
95	91.0	82.4	123.6	
132	82.8	76.8	115.2	
97	61.4	55.4	83.2	





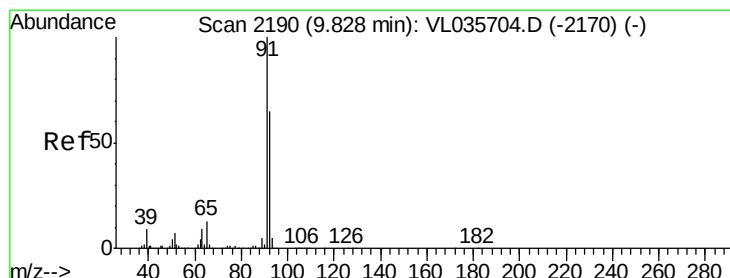
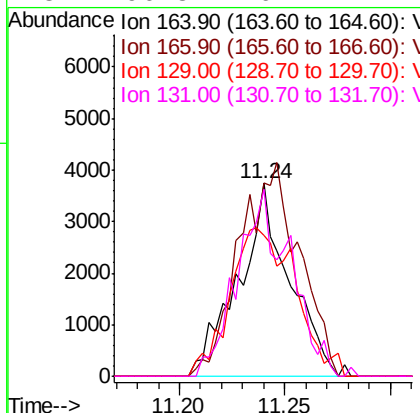
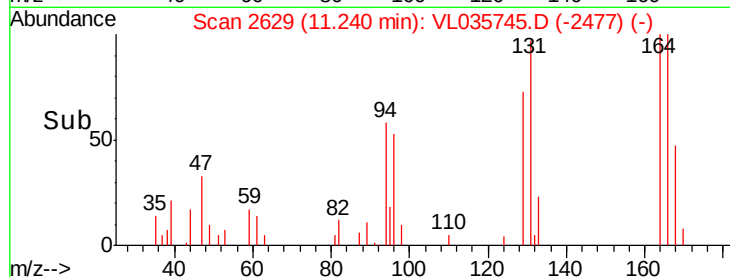
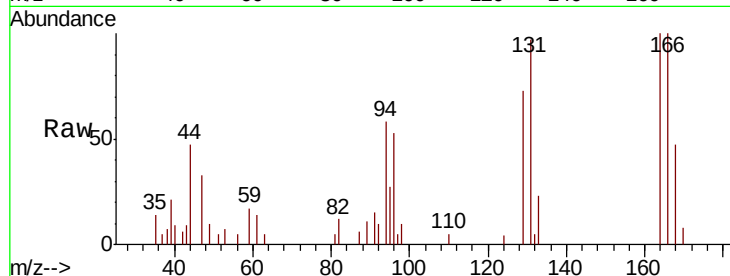
#52
Tetrachloroethene
Concen: 0.052 ppbv
RT: 11.24 min Scan# 2629
Delta R.T. -0.01 min
Lab File: VL035745.D
Acq: 8 Oct 2020 14:56

Instrument :
MSVOA_L
ClientSampleId :
BFI-EFFLUENT-TANK

Tot Ion	Ratio	Lower	Upper
164	100		
166	100.0	98.7	148.1
129	72.9	78.4	117.6
131	96.8	76.2	114.2

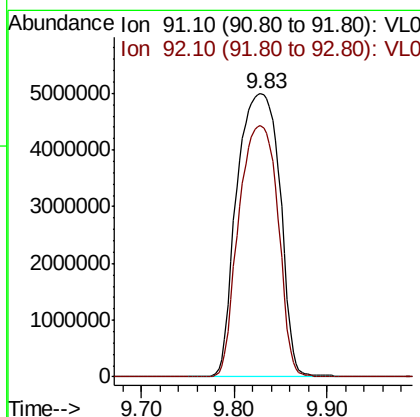
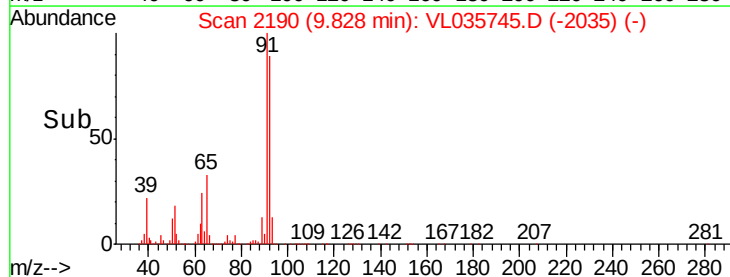
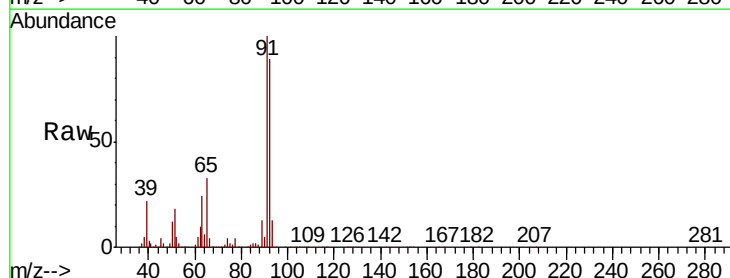
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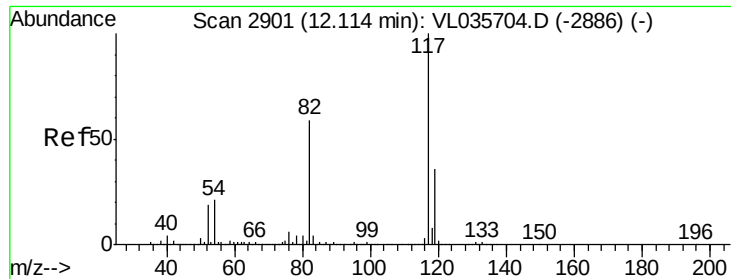
apatel
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#53
Toluene
Concen: 54.172 ppbv
RT: 9.83 min Scan# 2190
Delta R.T. -0.00 min
Lab File: VL035745.D
Acq: 8 Oct 2020 14:56

Tgt Ion	Ratio	Lower	Upper
91	100		
92	81.2	50.0	75.0





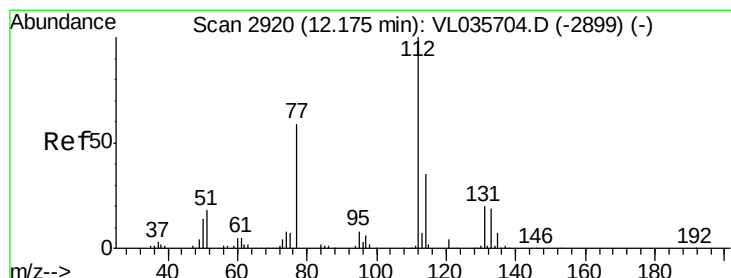
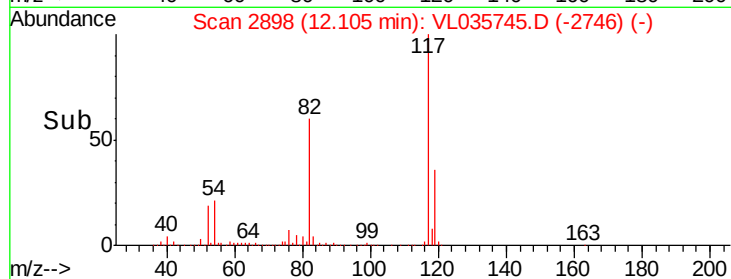
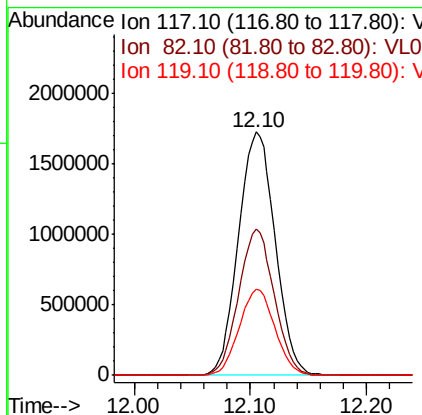
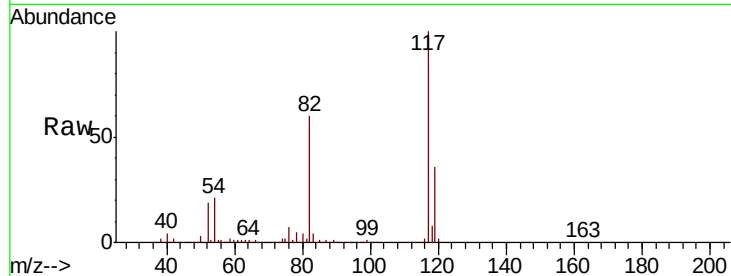
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2898
Delta R.T. -0.01 min
Lab File: VL035745.D
Acq: 8 Oct 2020 14:56

Instrument :
MSVOA_L
ClientSampleId :
BFI-EFFLUENT-TANK

Tot Ion:117 Resp: 3800691
Ion Ratio Lower Upper
117 100
82 58.3 46.1 69.1
119 34.4 28.0 42.0

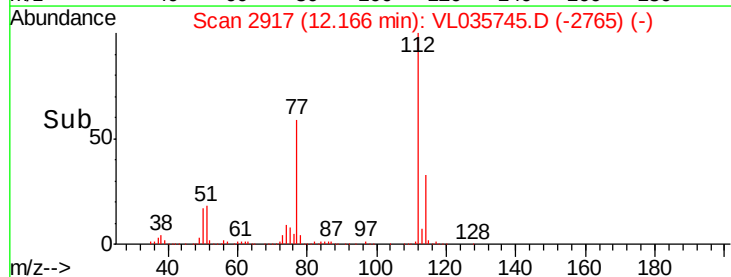
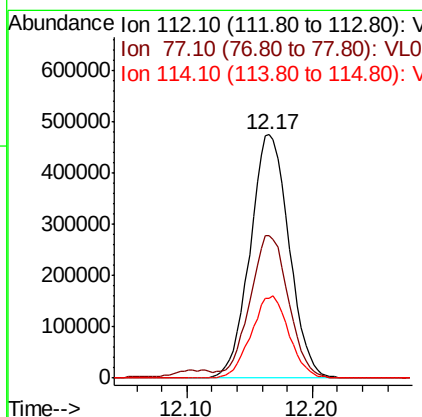
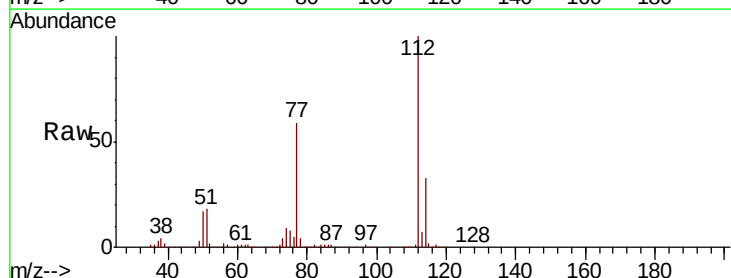
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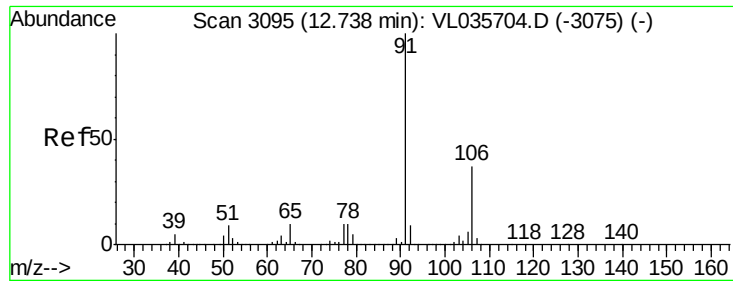
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10/12/2020 10:29:37 AM



#57
Chlorobenzene
Concen: 3.569 ppbv
RT: 12.17 min Scan# 2917
Delta R.T. -0.01 min
Lab File: VL035745.D
Acq: 8 Oct 2020 14:56

Tgt Ion:112 Resp: 1024448
Ion Ratio Lower Upper
112 100
77 58.4 48.2 72.2
114 32.9 31.9 39.1





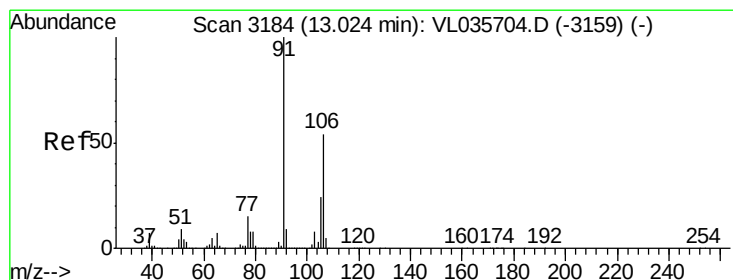
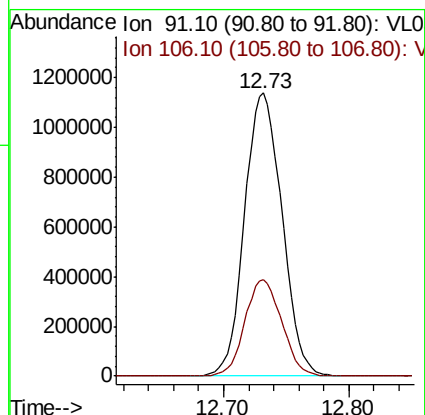
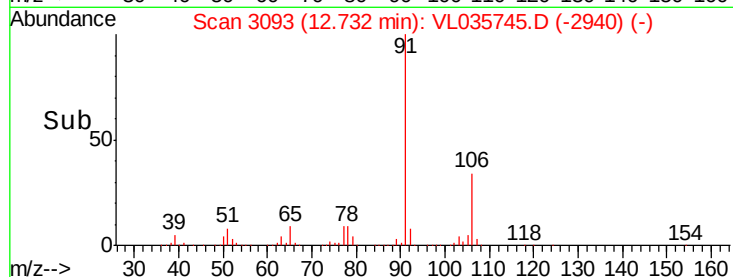
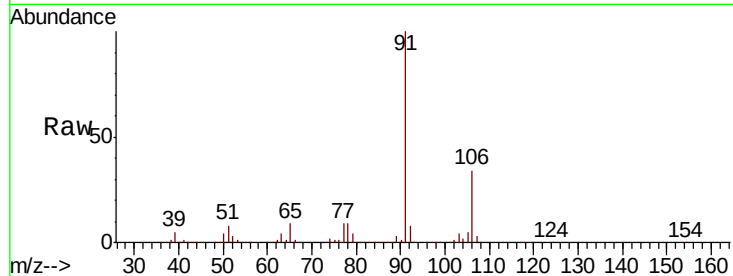
#58
Ethyl Benzene
Concen: 6.198 ppbv
RT: 12.73 min Scan# 3093
Delta R.T. -0.01 min
Lab File: VL035745.D
Acq: 8 Oct 2020 14:56

Instrument :
MSVOA_L
ClientSampleId :
BFI-EFFLUENT-TANK

Tot Ion: 91 Resp: 2364266
Ion Ratio Lower Upper
91 100
106 34.2 29.7 44.5

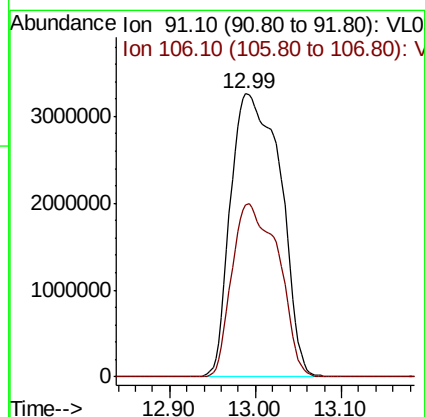
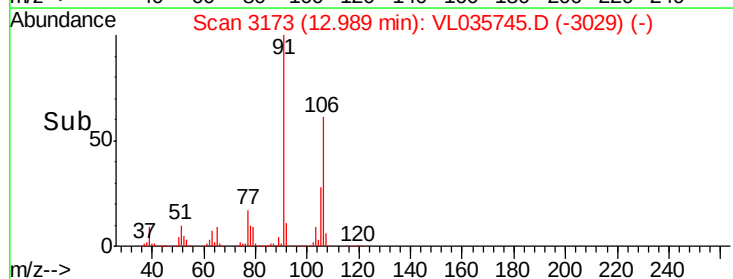
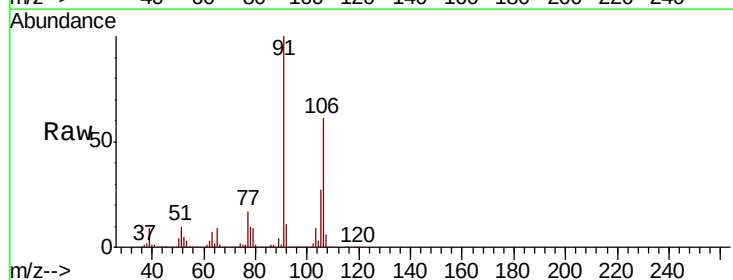
Manual Integrations
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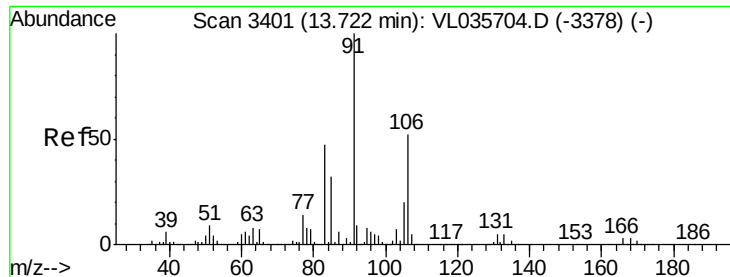
apatel
10/12/2020 10:29:37 AM



#59
m/p-Xylene
Concen: 39.352 ppbv
RT: 12.99 min Scan# 3173
Delta R.T. -0.04 min
Lab File: VL035745.D
Acq: 8 Oct 2020 14:56

Tgt Ion: 91 Resp: 13109491
Ion Ratio Lower Upper
91 100
106 57.4 41.4 62.0





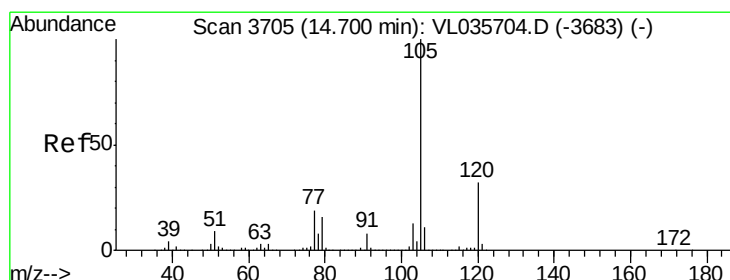
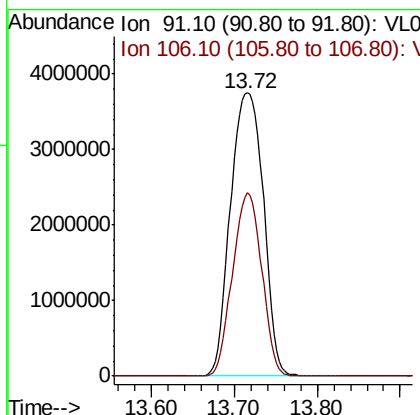
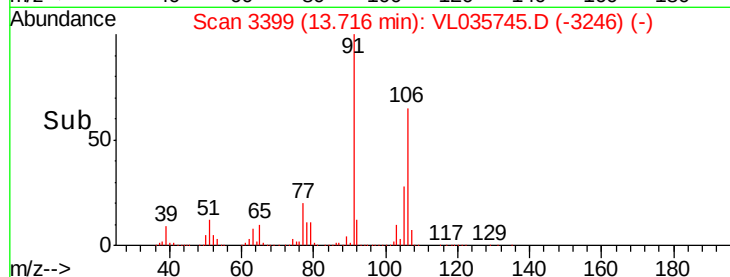
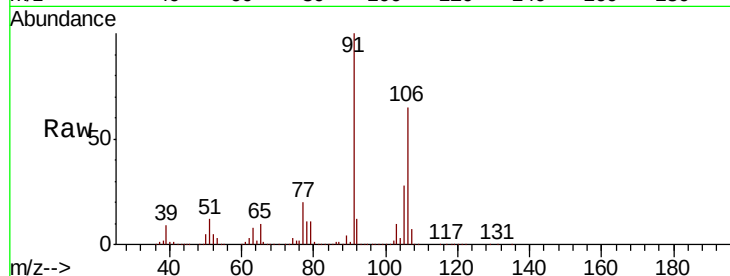
#60
o-Xylene
Concen: 30.748 ppbv
RT: 13.72 min Scan# 3399
Delta R.T. -0.01 min
Lab File: VL035745.D
Acq: 8 Oct 2020 14:56

Instrument :
MSVOA_L
ClientSampleId :
BFI-EFFLUENT-TANK

Tot Ion: 91 Resp: 10361781
Ion Ratio Lower Upper
91 100
106 57.6 25.0 75.0

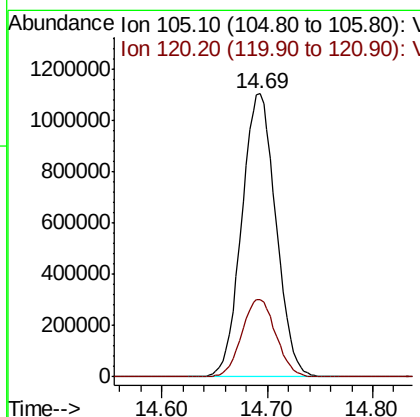
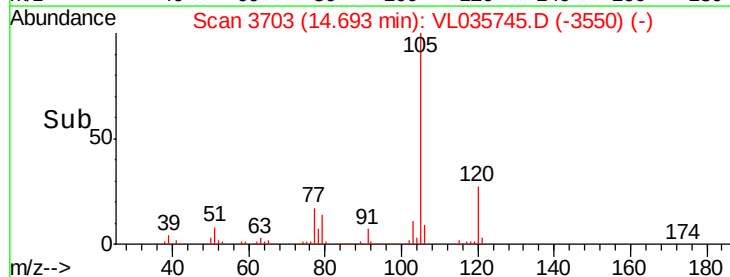
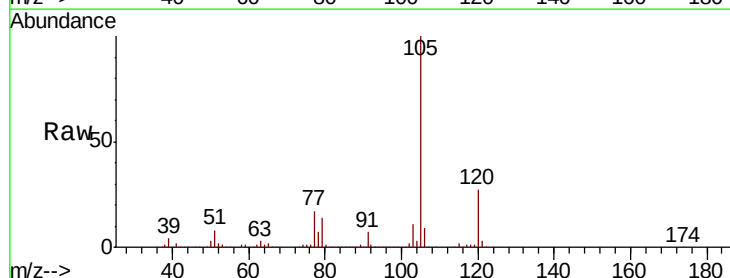
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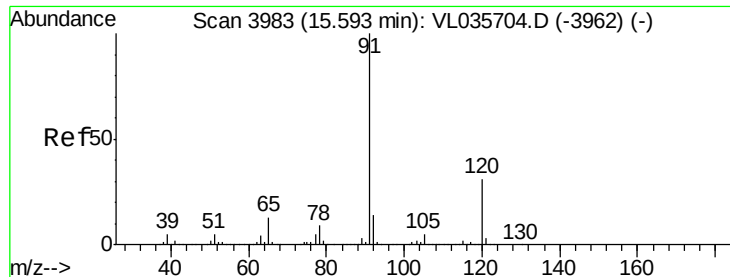
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#62
Isopropylbenzene
Concen: 4.762 ppbv
RT: 14.69 min Scan# 3703
Delta R.T. -0.01 min
Lab File: VL035745.D
Acq: 8 Oct 2020 14:56

Tgt Ion: 105 Resp: 2489247
Ion Ratio Lower Upper
105 100
120 27.3 24.1 36.1





#64

n-propylbenzene

Concen: 6.911 ppbv

RT: 15.59 min Scan# 3981

Delta R.T. -0.01 min

Lab File: VL035745.D

Acq: 8 Oct 2020 14:56

Instrument :

MSVOA_L

ClientSampleId :

BFI-EFFLUENT-TANK

Tot Ion:120 Resp: 1057253

Ion Ratio Lower Upper

120 100

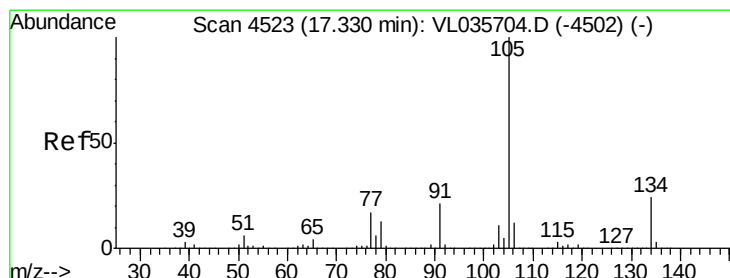
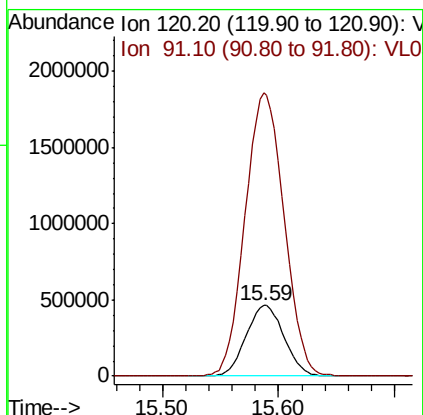
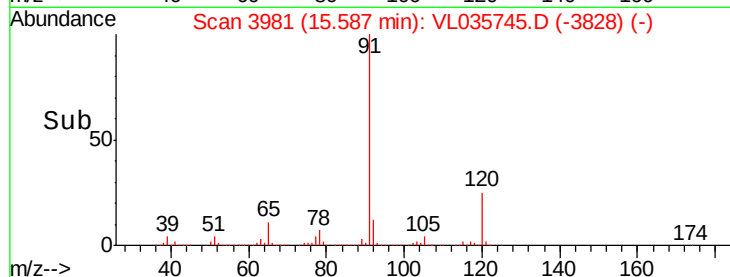
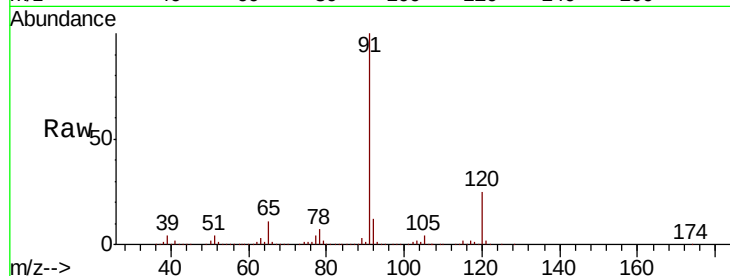
91 411.3 300.4 450.6

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#67

sec-Butylbenzene

Concen: 0.457 ppbv

RT: 17.32 min Scan# 4521

Delta R.T. -0.01 min

Lab File: VL035745.D

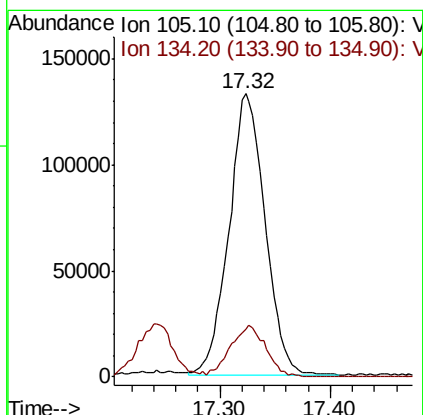
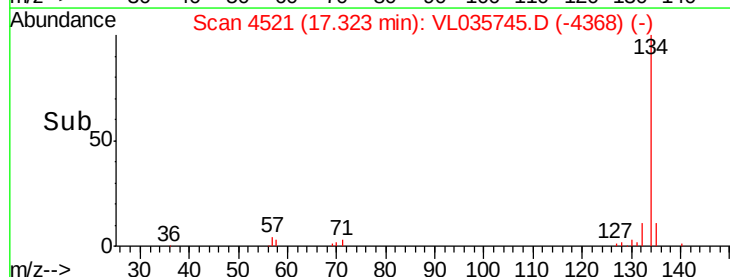
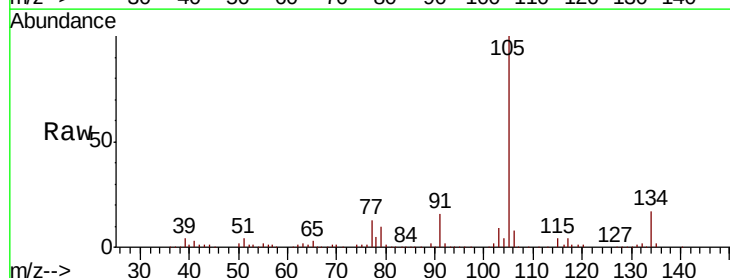
Acq: 8 Oct 2020 14:56

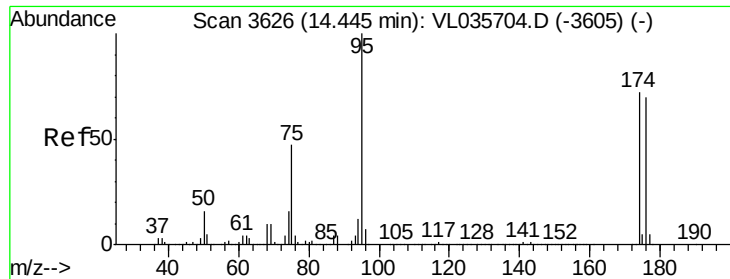
Tgt Ion:105 Resp: 300011

Ion Ratio Lower Upper

105 100

134 18.1 17.6 26.4





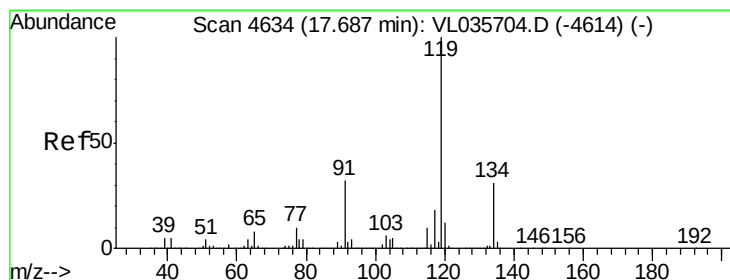
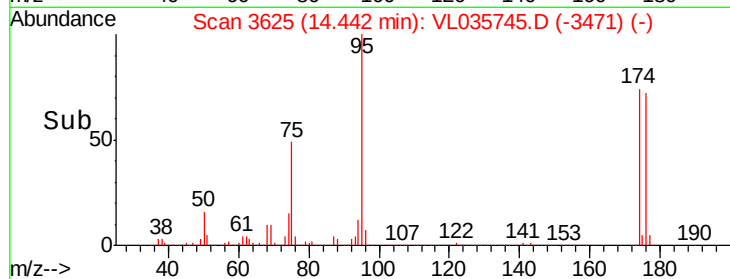
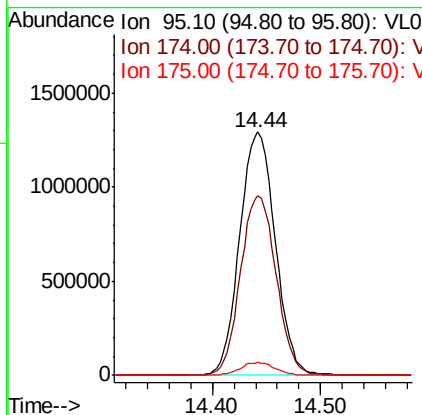
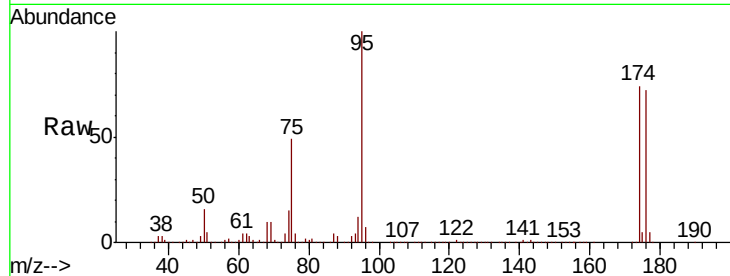
#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.448 ppbv
 RT: 14.44 min Scan# 3625
 Delta R.T. -0.00 min
 Lab File: VL035745.D
 Acq: 8 Oct 2020 14:56

Instrument :
 MSVOA_L
 ClientSampleId :
 BFI-EFFLUENT-TANK

Tot Ion	Ratio	Lower	Upper
95	100		
174	74.3	59.6	89.4
175	5.3	4.2	6.4

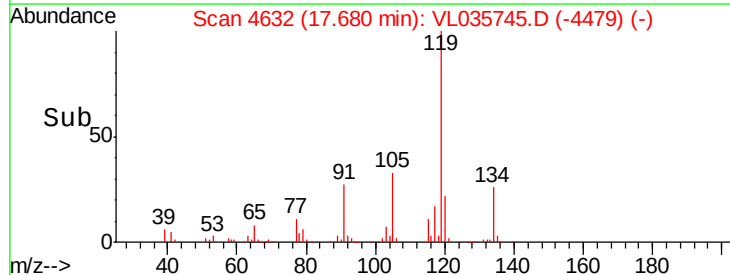
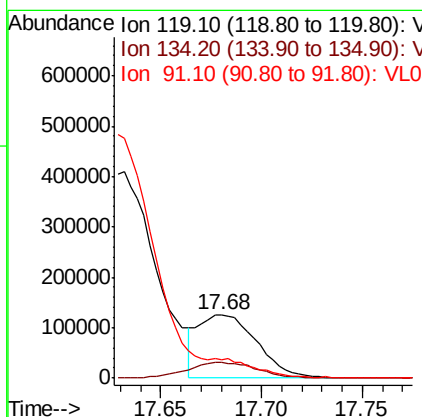
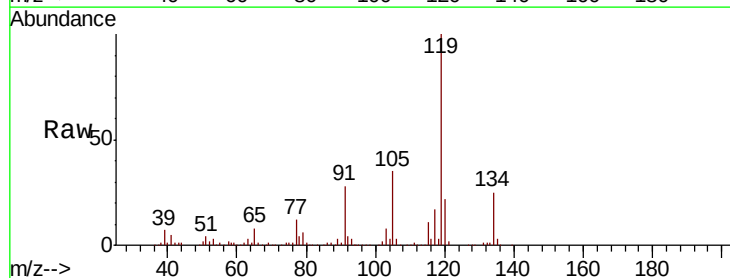
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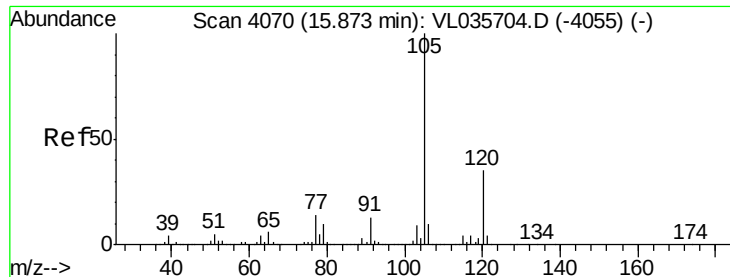
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#69
 p-Isopropyltoluene
 Concen: 0.468 ppbv
 RT: 17.68 min Scan# 4632
 Delta R.T. -0.01 min
 Lab File: VL035745.D
 Acq: 8 Oct 2020 14:56

Tgt Ion	Ratio	Lower	Upper
119	100		
134	30.4	23.9	35.9
91	0.0	23.8	35.6#





#72

4-Ethyltoluene

Concen: 25.622 ppbv

RT: 15.87 min Scan# 4069

Delta R.T. -0.00 min

Lab File: VL035745.D

Acq: 8 Oct 2020 14:56

Instrument :

MSVOA_L

ClientSampleId :

BFI-EFFLUENT-TANK

Tot Ion:105 Resp:10228321

Ion Ratio Lower Upper

105 100

120 39.4 26.5 39.7

91 15.8 10.2 15.2#

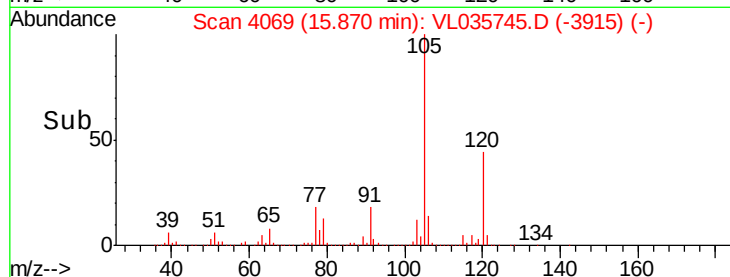
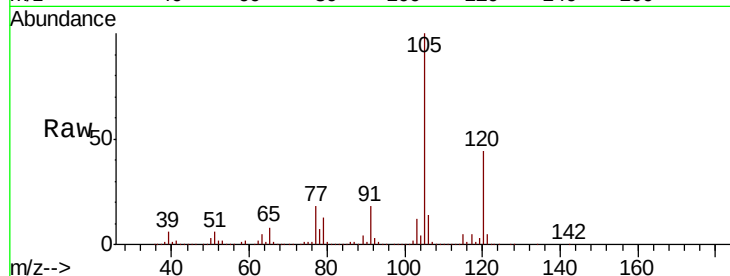
77 15.8 10.3 15.5#

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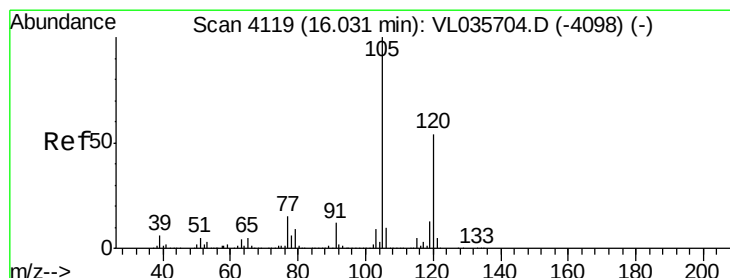
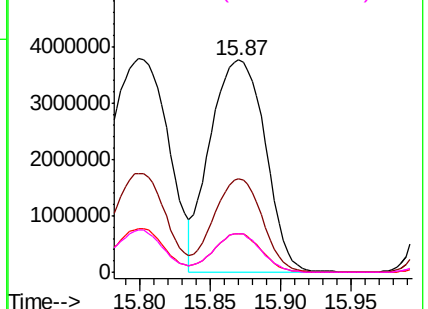
Abundance

Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0



#73

1,3,5-Trimethylbenzene

Concen: 30.033 ppbv

RT: 16.03 min Scan# 4118

Delta R.T. -0.00 min

Lab File: VL035745.D

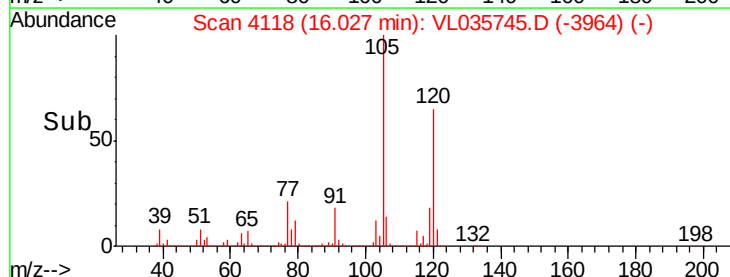
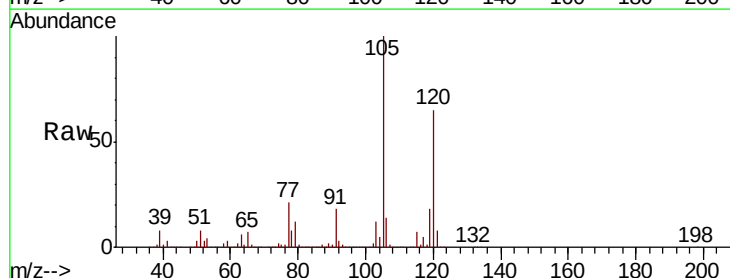
Acq: 8 Oct 2020 14:56

Tgt Ion:105 Resp:11329975

Ion Ratio Lower Upper

105 100

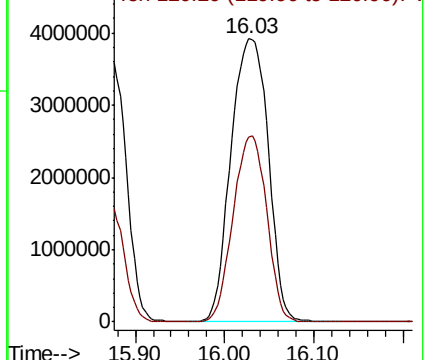
120 65.2 43.0 64.4#

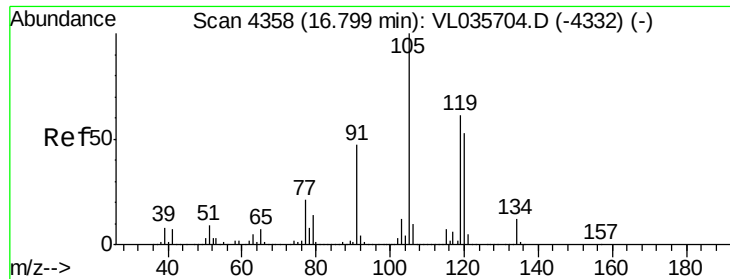


Abundance

Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V





#74

1,2,4-Trimethylbenzene

Concen: 40.634 ppbv

RT: 16.80 min Scan# 4359

Delta R.T. 0.00 min

Lab File: VL035745.D

Acq: 8 Oct 2020 14:56

Instrument :

MSVOA_L

ClientSampleId :

BFI-EFFLUENT-TANK

Tot Ion:105 Resp:17279878

Ion Ratio Lower Upper

105 100

120 76.9 42.5 63.7#

91 27.2 37.7 56.5#

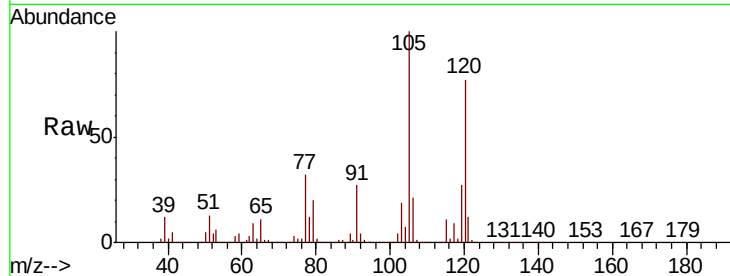
77 31.9 16.7 25.1#

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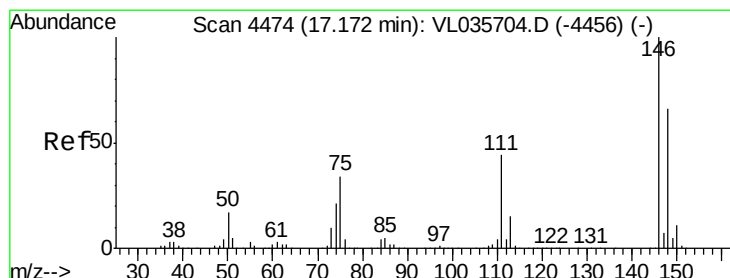
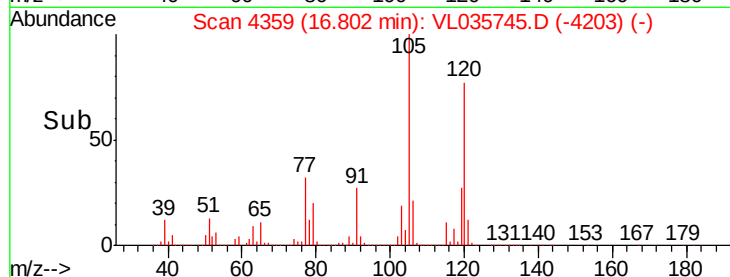
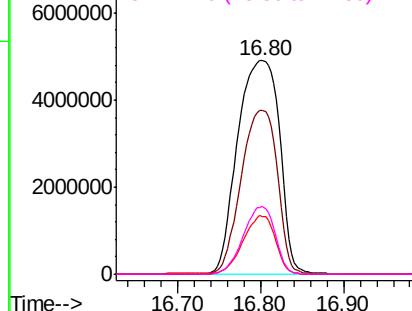
Abundance

Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0



#76

1,4-Dichlorobenzene

Concen: 0.645 ppbv

RT: 17.17 min Scan# 4474

Delta R.T. -0.00 min

Lab File: VL035745.D

Acq: 8 Oct 2020 14:56

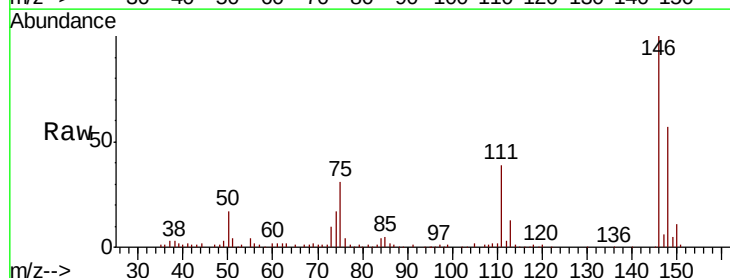
Tgt Ion:146 Resp: 178985

Ion Ratio Lower Upper

146 100

111 41.4 21.4 64.3

148 62.6 32.6 98.0

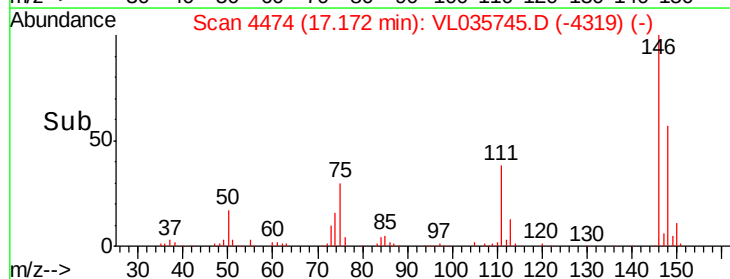
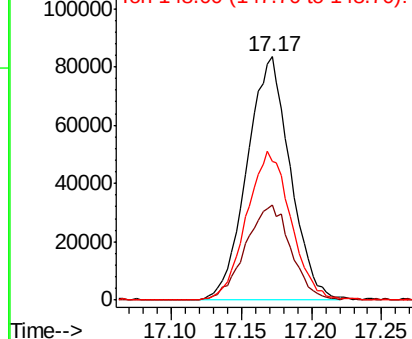


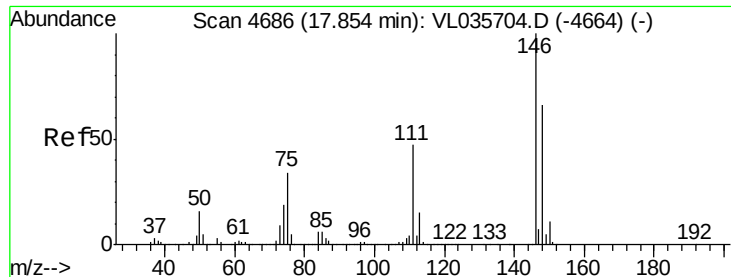
Abundance

Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V





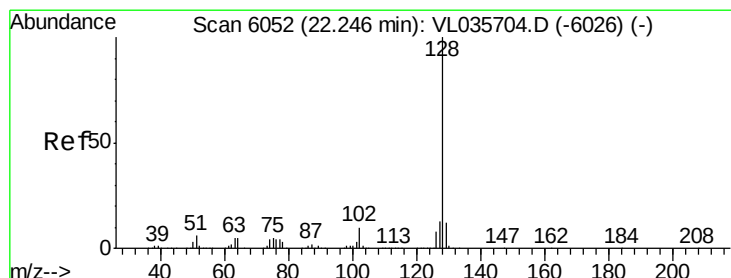
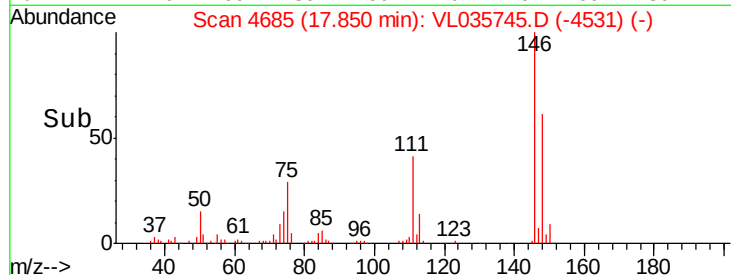
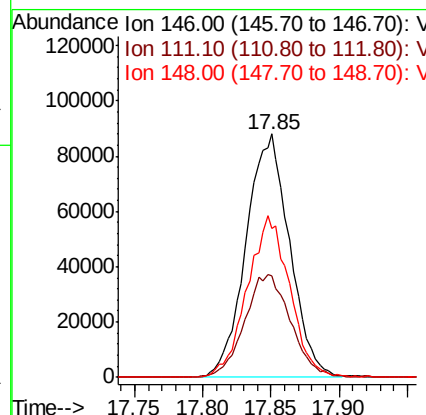
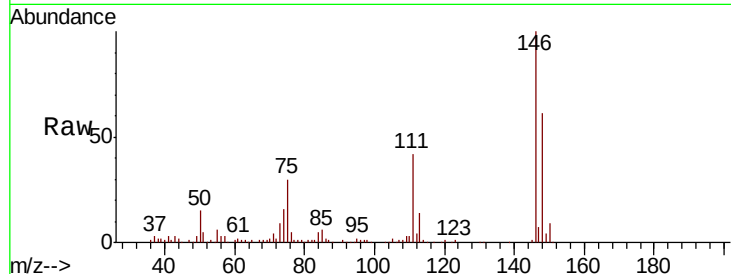
#77
 1,2-Dichlorobenzene
 Concen: 0.710 ppbv
 RT: 17.85 min Scan# 4685
 Delta R.T. -0.00 min
 Lab File: VL035745.D
 Acq: 8 Oct 2020 14:56

Instrument :
 MSVOA_L
 ClientSampleId :
 BFI-EFFLUENT-TANK

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.8	22.9	68.5
148	64.6	32.6	98.0

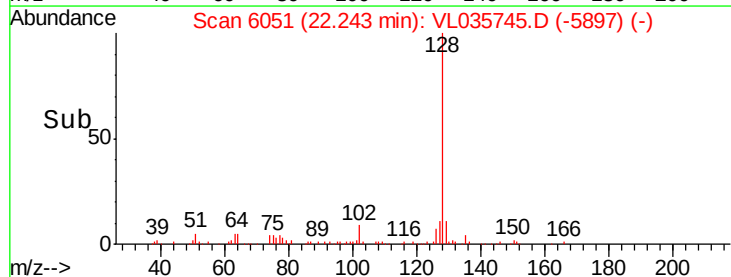
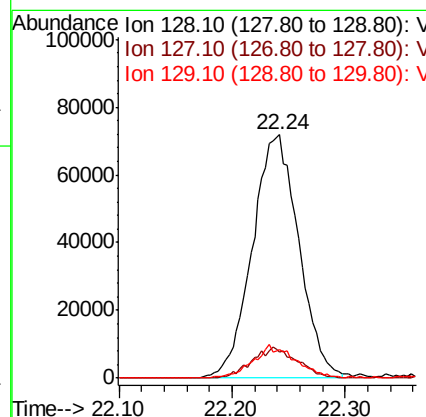
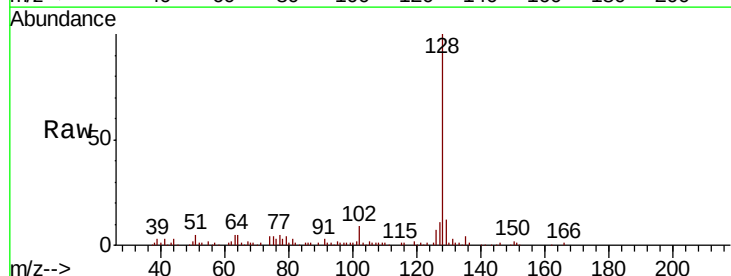
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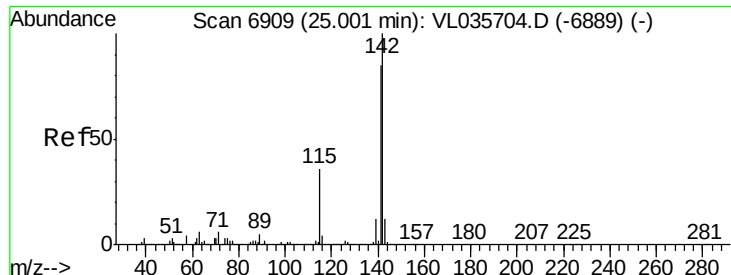
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#79
 Naphthalene
 Concen: 0.505 ppbv
 RT: 22.24 min Scan# 6051
 Delta R.T. -0.00 min
 Lab File: VL035745.D
 Acq: 8 Oct 2020 14:56

Tgt Ion	Ratio	Lower	Upper
128	100		
127	10.9	10.6	15.8
129	11.5	9.4	14.0





#80
 Naphthalene, 2-methyl-
 Concen: 0.146 ppbv
 RT: 25.00 min Scan# 6908
 Delta R.T. -0.00 min
 Lab File: VL035745.D
 Acq: 8 Oct 2020 14:56

Instrument :
 MSVOA_L
 ClientSampleId :
 BFI-EFFLUENT-TANK

Tot Ion	Ratio	Lower	Upper
142	100		
141	95.8	68.2	102.4
115	55.2	27.8	41.6

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