

Data File : VV009242.D
Acq On : 22 Jan 2019 19:00
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00 G/5ML/MSVOA_V/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

Quant Time: Jan 23 01:42:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\82V012219S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 23 01:31:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.73	168	81270	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.66	114	134518	50.00	ug/l	0.00
63) Chlorobenzene-d5	8.89	117	126762	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.30	152	64709	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.07	65	51318	51.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.56%	
35) Dibromofluoromethane	4.64	113	44382	50.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.40%	
50) Toluene-d8	7.36	98	173689	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	
62) 4-Bromofluorobenzene	10.12	95	66085	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	30276	46.056	ug/l	97
3) Chloromethane	1.25	50	39765	44.939	ug/l	98
4) Vinyl Chloride	1.32	62	46764	46.514	ug/l	100
5) Bromomethane	1.53	94	25818	45.281	ug/l	99
6) Chloroethane	1.59	64	25011	44.509	ug/l	94
7) Trichlorofluoromethane	1.76	101	27595	39.110	ug/l	98
8) Diethyl Ether	1.96	74	22942	51.699	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.13	101	41935	47.832	ug/l	99
10) Methyl Iodide	2.25	142	65979	47.151	ug/l	98
11) Tert butyl alcohol	2.66	59	18328	312.273	ug/l	98
12) 1,1-Dichloroethene	2.14	96	40373	46.903	ug/l	98
13) Acrolein	2.05	56	14730	289.166	ug/l	95
14) Allyl chloride	2.42	41	67524	45.516	ug/l	98
15) Acrylonitrile	2.76	53	56516	294.015	ug/l	99
16) Acetone	2.17	43	65540	243.731	ug/l	98
17) Carbon Disulfide	2.31	76	122102	46.371	ug/l	100
18) Methyl Acetate	2.45	43	37198	51.792	ug/l	97
19) Methyl tert-butyl Ether	2.80	73	69054	51.681	ug/l	98
20) Methylene Chloride	2.52	84	46098	52.012	ug/l	99
21) trans-1,2-Dichloroethene	2.78	96	43218	46.601	ug/l	94
22) Diisopropyl ether	3.32	45	155952	49.367	ug/l	96
23) Vinyl Acetate	3.30	43	474662	276.923	ug/l	99
24) 1,1-Dichloroethane	3.22	63	92742	47.187	ug/l	99
25) 2-Butanone	4.01	43	87595	284.866	ug/l	99
26) 2,2-Dichloropropane	3.95	77	51066	46.168	ug/l	97
27) cis-1,2-Dichloroethene	3.95	96	54009	48.187	ug/l	97
28) Bromochloromethane	4.29	49	38004	52.399	ug/l	99
29) Tetrahydrofuran	4.38	42	51789	309.661	ug/l	98
30) Chloroform	4.42	83	92912	47.070	ug/l	99
31) Cyclohexane	4.72	56	82060	45.736	ug/l	98
32) 1,1,1-Trichloroethane	4.65	97	76965	46.261	ug/l	99
36) 1,1-Dichloropropene	4.87	75	70188	46.995	ug/l	99
37) Ethyl Acetate	4.12	43	37023	64.503	ug/l	98
38) Carbon Tetrachloride	4.87	117	70301	47.018	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.17	83	88317	49.936	ug/l	98
40) Benzene	5.14	78	201986	48.355	ug/l	100
41) Methacrylonitrile	4.30	41	20281	58.628	ug/l	98
42) 1,2-Dichloroethane	5.17	62	66540	50.897	ug/l	97
43) Isopropyl Acetate	5.32	43	68336	60.527	ug/l	99
44) Trichloroethene	5.96	130	52434	47.702	ug/l	96
45) 1,2-Dichloropropane	6.22	63	50364	50.125	ug/l	100
46) Dibromomethane	6.35	93	28697	55.660	ug/l	99
47) Bromodichloromethane	6.55	83	69501	51.014	ug/l	97
48) Methyl methacrylate	6.41	41	34618	60.089	ug/l	100
49) 1,4-Dioxane	6.41	88	8631	1314.198	ug/l	99
51) 4-Methyl-2-Pentanone	7.27	43	178297	311.178	ug/l	100
52) Toluene	7.43	92	128585	48.663	ug/l	99
53) t-1,3-Dichloropropene	7.69	75	70671	53.296	ug/l	97
54) cis-1,3-Dichloropropene	7.07	75	79302	51.938	ug/l	98
55) 1,1,2-Trichloroethane	7.88	97	40134	55.249	ug/l	98
56) Ethyl methacrylate	7.83	69	50284	59.414	ug/l	99
57) 1,3-Dichloropropane	8.05	76	71728	54.537	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.93	63	3095	234.012	ug/l	91
59) 2-Hexanone	8.18	43	127370	307.343	ug/l	100
60) Dibromochloromethane	8.29	129	45977	54.056	ug/l	99
61) 1,2-Dibromoethane	8.40	107	39886	56.147	ug/l	100
64) Tetrachloroethene	8.02	164	44799	49.663	ug/l	98
65) Chlorobenzene	8.92	112	141283	47.908	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.02	131	49481	49.094	ug/l	97
67) Ethyl Benzene	9.05	91	252246	48.012	ug/l	99
68) m/p-Xylenes	9.18	106	190845	95.684	ug/l	99
69) o-Xylene	9.59	106	89828	48.577	ug/l	100
70) Styrene	9.60	104	150334	50.940	ug/l	98
71) Bromoform	9.77	173	27096	57.011	ug/l #	99
73) Isopropylbenzene	9.97	105	254719	47.669	ug/l	100
74) N-amyl acetate	9.84	43	57842	58.538	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.29	83	51403	57.061	ug/l	97
76) 1,2,3-Trichloropropane	10.32	75	54754	77.287	ug/l	79
77) Bromobenzene	10.26	156	56208	49.179	ug/l	98
78) n-propylbenzene	10.40	91	297830	47.016	ug/l	99
79) 2-Chlorotoluene	10.47	91	179115	46.862	ug/l	99
80) 1,3,5-Trimethylbenzene	10.58	105	213595	47.663	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.05	75	15037	60.065	ug/l	98
82) 4-Chlorotoluene	10.58	91	214469	47.640	ug/l	100
83) tert-Butylbenzene	10.91	119	202543	47.466	ug/l	99
84) 1,2,4-Trimethylbenzene	10.96	105	217377	48.085	ug/l	100
85) sec-Butylbenzene	11.13	105	268278	48.001	ug/l	99
86) p-Isopropyltoluene	11.29	119	237230	48.477	ug/l	99
87) 1,3-Dichlorobenzene	11.22	146	114411	48.211	ug/l	99
88) 1,4-Dichlorobenzene	11.32	146	115439	48.118	ug/l	98
89) n-Butylbenzene	11.70	91	228648	48.136	ug/l	99
90) Hexachloroethane	11.95	117	41669	47.883	ug/l	100
91) 1,2-Dichlorobenzene	11.69	146	103709	49.506	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.48	75	9097	60.151	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV012219\
Quantitation Report (Not Reviewed)

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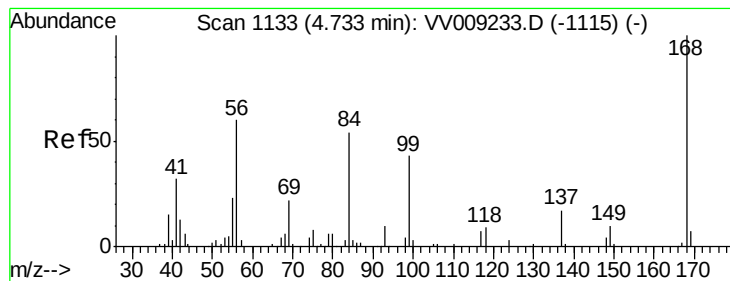
Quant Time: Jan 23 01:42:55 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.31	180	68609	50.876	ug/l	100
94) Hexachlorobutadiene	13.49	225	39746	47.555	ug/l	99
95) Naphthalene	13.55	128	134682	57.760	ug/l	99
96) 1,2,3-Trichlorobenzene	13.79	180	60418	52.908	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.73 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VV009242.D

Acq: 22 Jan 2019 19:00

Instrument :

MSVOA_V

ClientSampleId :

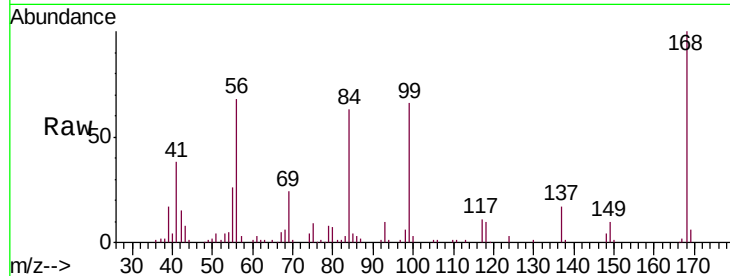
VSTDCCC050EC

Tgt Ion:168 Resp: 81270

Ion Ratio Lower Upper

168 100

99 64.9 50.9 76.3



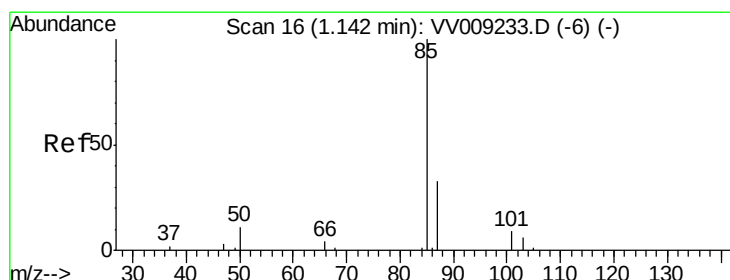
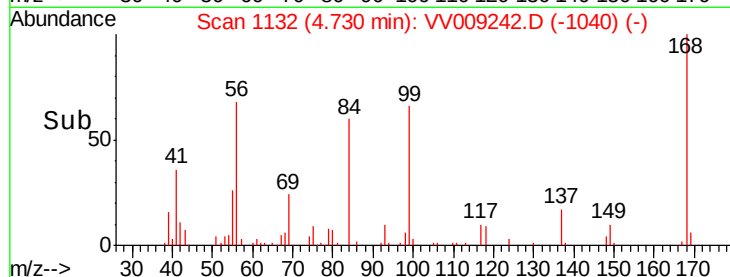
Abundance Ion 167.90 (167.60 to 168.60): VV009233.D (-1115) (-)

Ion 98.90 (98.60 to 99.60): VV009233.D (-1115) (-)

4.73

4.70 4.80

Time-->



#2

Dichlorodifluoromethane

Concen: 46.056 ug/l

RT: 1.14 min Scan# 16

Delta R.T. 0.00 min

Lab File: VV009242.D

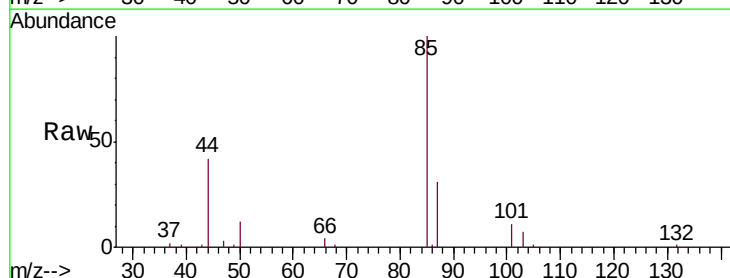
Acq: 22 Jan 2019 19:00

Tgt Ion: 85 Resp: 30276

Ion Ratio Lower Upper

85 100

87 31.2 16.6 49.7



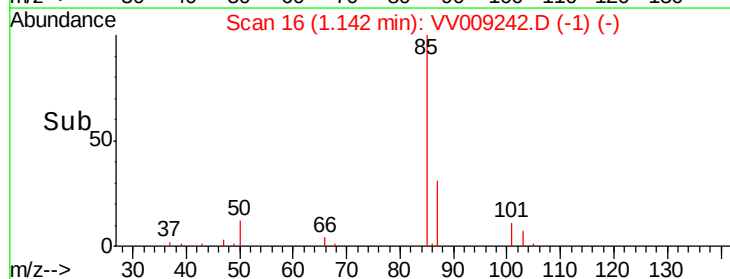
Abundance Ion 84.90 (84.60 to 85.60): VV009233.D (-6) (-)

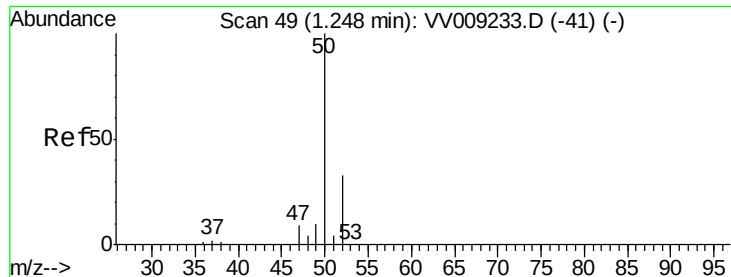
Ion 86.90 (86.60 to 87.60): VV009233.D (-6) (-)

1.14

1.10 1.20 1.30

Time-->





#3

Chloromethane

Concen: 44.939 ug/l

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV009242.D

Acq: 22 Jan 2019 19:00

Instrument :

MSVOA_V

ClientSampleId :

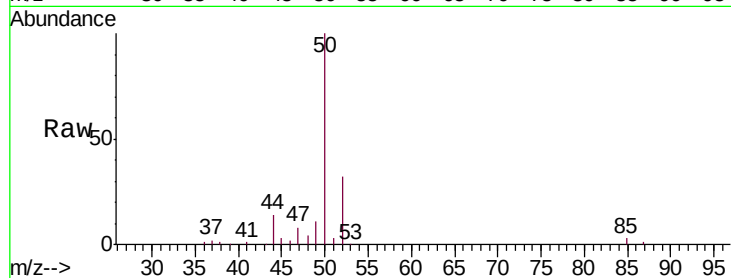
VSTDCCC050EC

Tgt Ion: 50 Resp: 39765

Ion Ratio Lower Upper

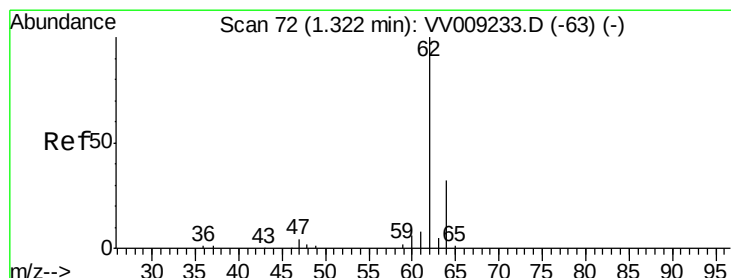
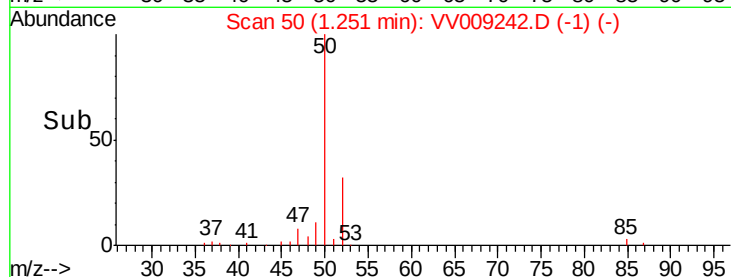
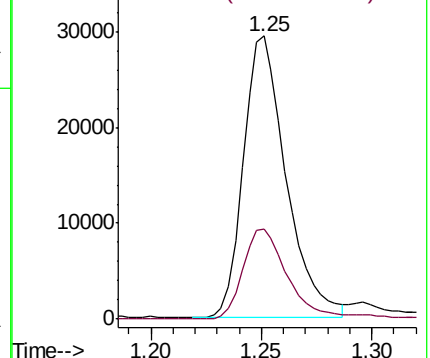
50 100

52 32.0 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VV009233.D (-41) (-)

Ion 51.90 (51.60 to 52.60): VV009242.D (-1) (-)



#4

Vinyl Chloride

Concen: 46.514 ug/l

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VV009242.D

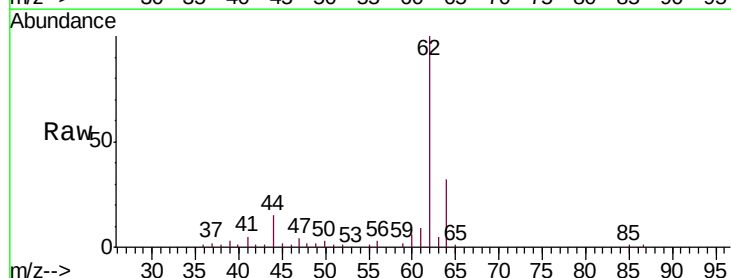
Acq: 22 Jan 2019 19:00

Tgt Ion: 62 Resp: 46764

Ion Ratio Lower Upper

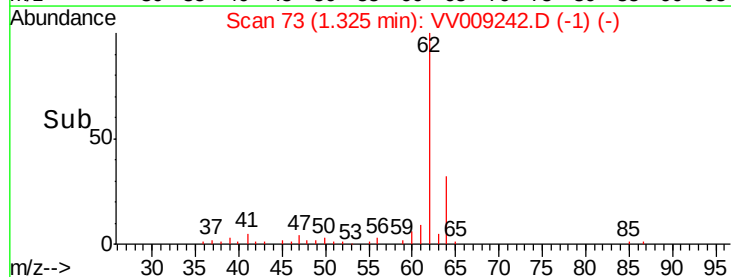
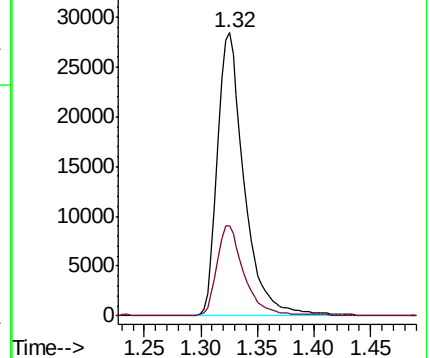
62 100

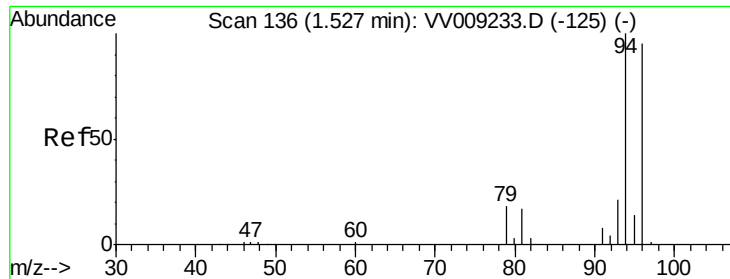
64 31.8 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VV009233.D (-63) (-)

Ion 63.90 (63.60 to 64.60): VV009242.D (-1) (-)

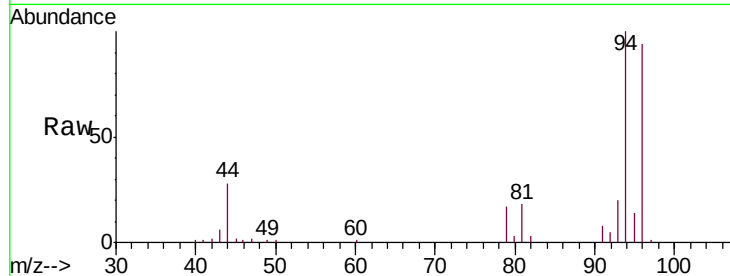




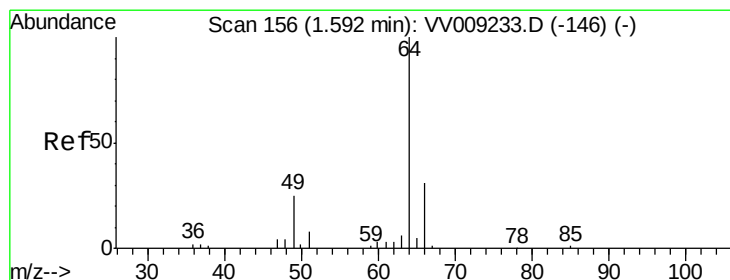
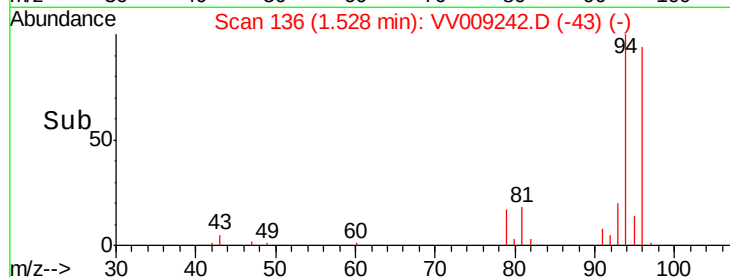
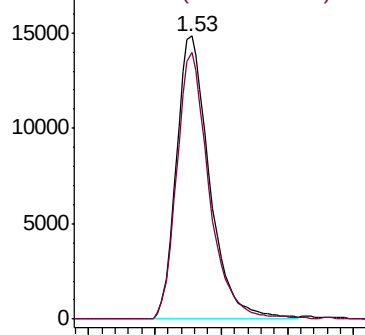
#5
 Bromomethane
 Concen: 45.281 ug/l
 RT: 1.53 min Scan# 136
 Delta R.T. 0.00 min
 Lab File: VV009242.D
 Acq: 22 Jan 2019 19:00

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Tgt Ion: 94 Resp: 25818
 Ion Ratio Lower Upper
 94 100
 96 94.0 76.3 114.5

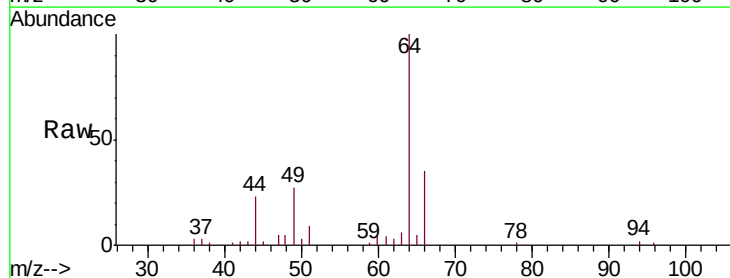


Abundance Ion 93.90 (93.60 to 94.60): VV0
 Ion 95.90 (95.60 to 96.60): VV0

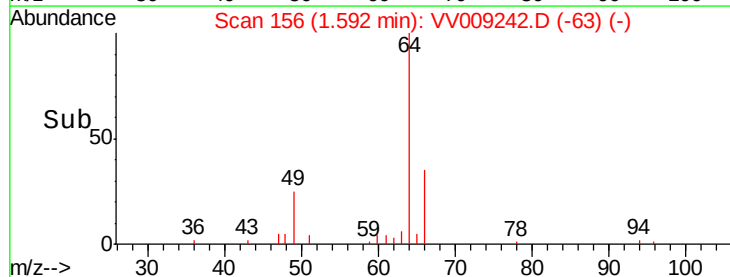
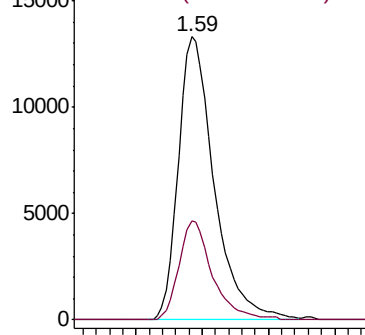


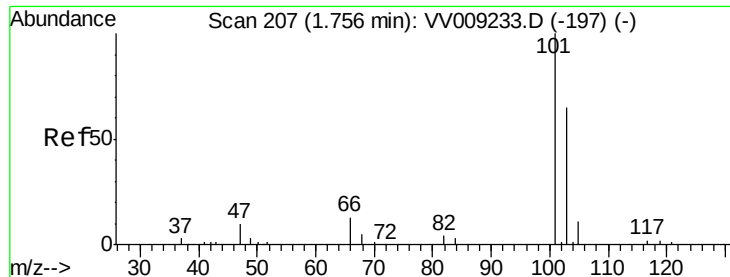
#6
 Chloroethane
 Concen: 44.509 ug/l
 RT: 1.59 min Scan# 156
 Delta R.T. 0.00 min
 Lab File: VV009242.D
 Acq: 22 Jan 2019 19:00

Tgt Ion: 64 Resp: 25011
 Ion Ratio Lower Upper
 64 100
 66 34.9 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VV0
 Ion 65.90 (65.60 to 66.60): VV0



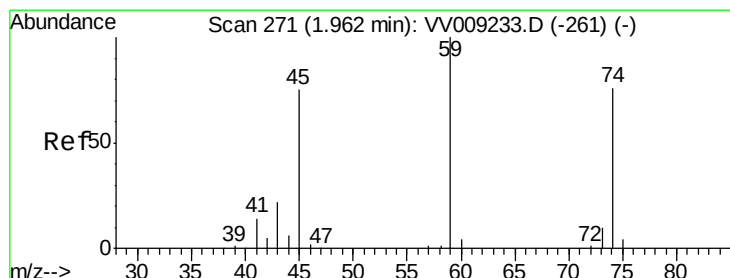
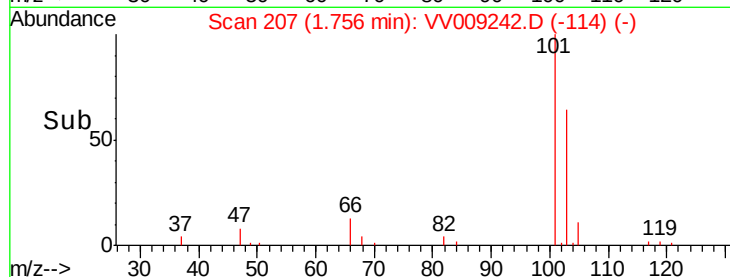
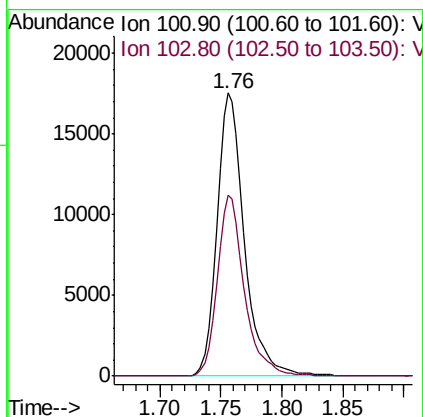
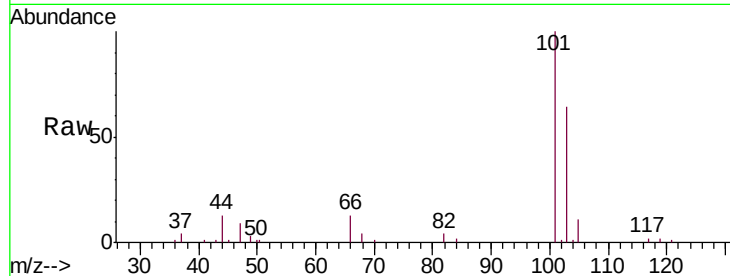


#7

Trichlorofluoromethane
 Concen: 39.110 ug/l
 RT: 1.76 min Scan# 207
 Delta R.T. 0.00 min
 Lab File: VV009242.D
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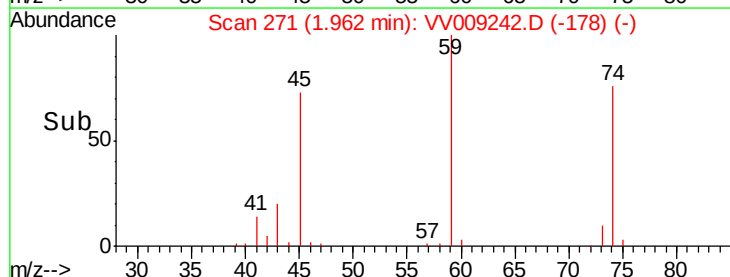
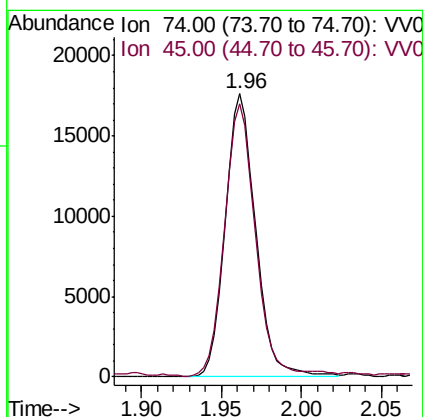
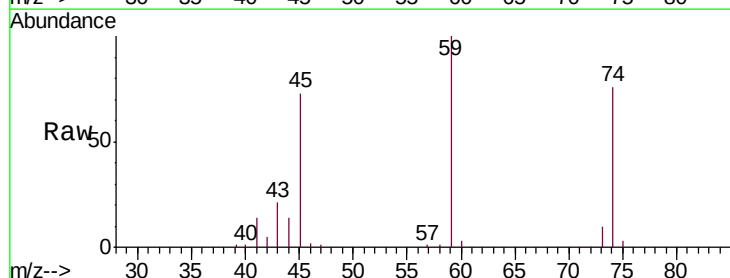
Tgt Ion:101 Resp: 27595
 Ion Ratio Lower Upper
 101 100
 103 63.8 52.2 78.4

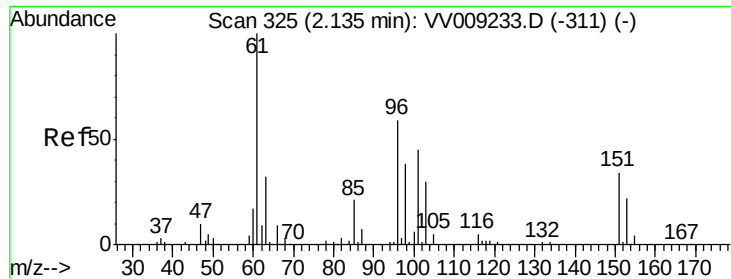


#8

Diethyl Ether
 Concen: 51.699 ug/l
 RT: 1.96 min Scan# 271
 Delta R.T. 0.00 min
 Lab File: VV009242.D
 Acq: 22 Jan 2019 19:00

Tgt Ion: 74 Resp: 22942
 Ion Ratio Lower Upper
 74 100
 45 99.1 49.1 147.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.832 ug/l

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV009242.D

Acq: 22 Jan 2019 19:00

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

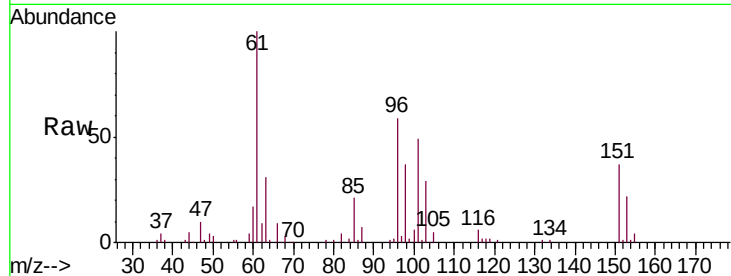
Tgt Ion:101 Resp: 41935

Ion Ratio Lower Upper

101 100

85 44.1 35.3 52.9

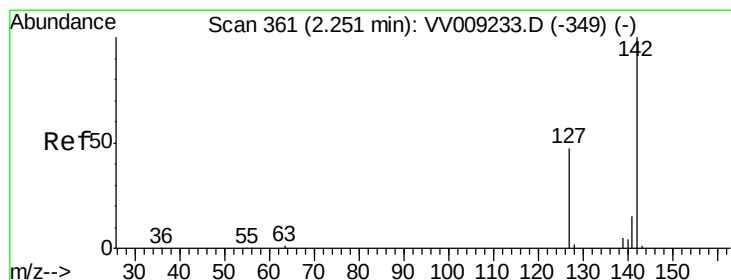
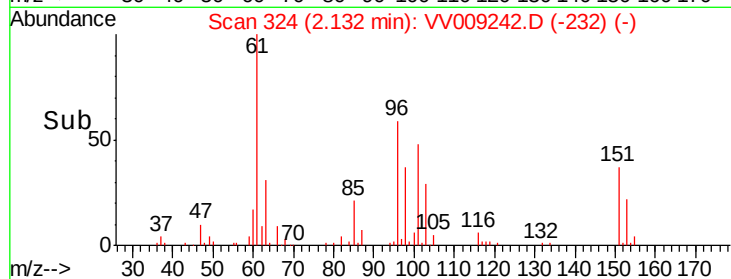
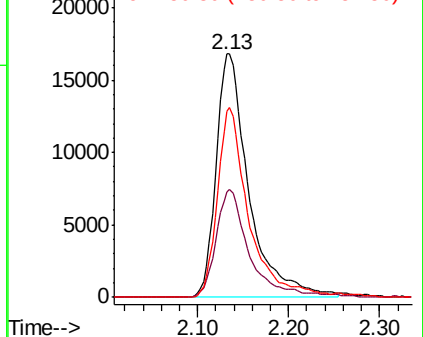
151 74.2 60.1 90.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VV0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.151 ug/l

RT: 2.25 min Scan# 362

Delta R.T. 0.00 min

Lab File: VV009242.D

Acq: 22 Jan 2019 19:00

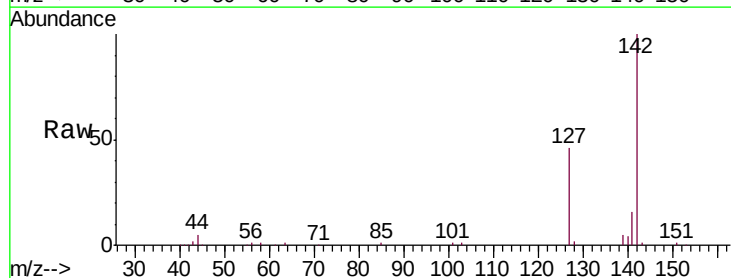
Tgt Ion:142 Resp: 65979

Ion Ratio Lower Upper

142 100

127 45.9 37.9 56.9

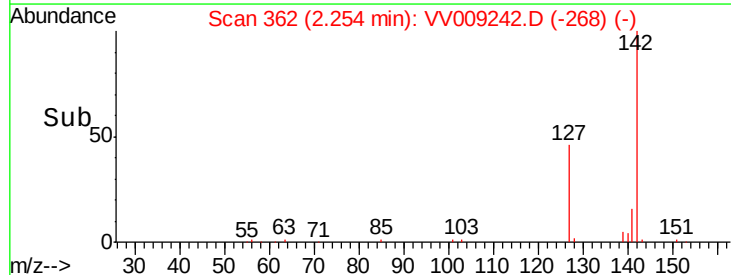
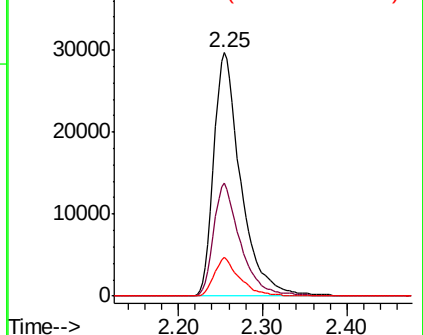
141 14.8 11.7 17.5

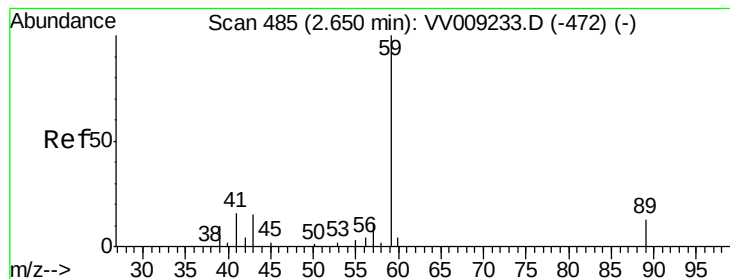


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



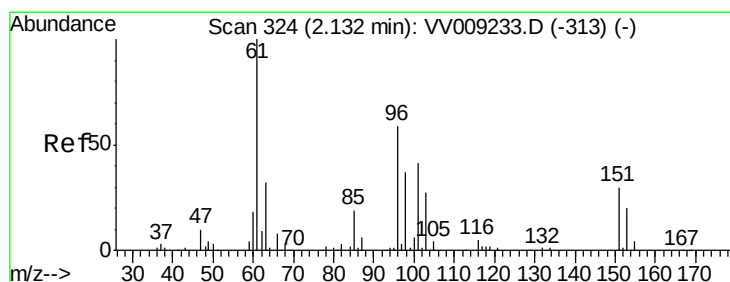
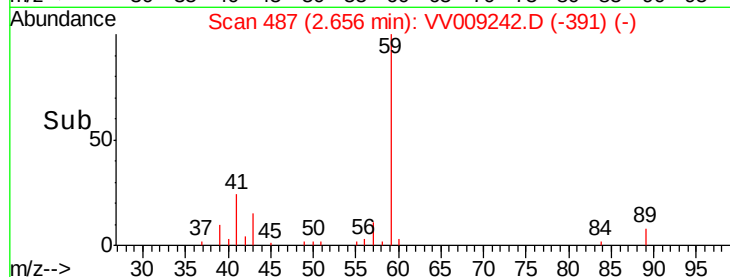
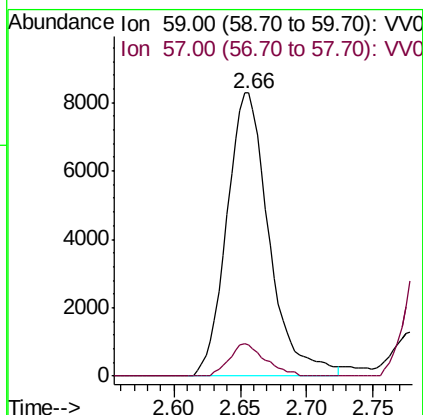
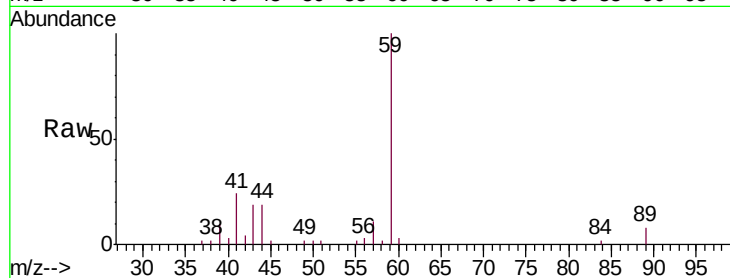


#11

Tert butyl alcohol
 Concen: 312.273 ug/l
 RT: 2.66 min Scan# 487
 Delta R.T. 0.01 min
 Lab File: VV009242.D
 Acq: 22 Jan 2019 19:00

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

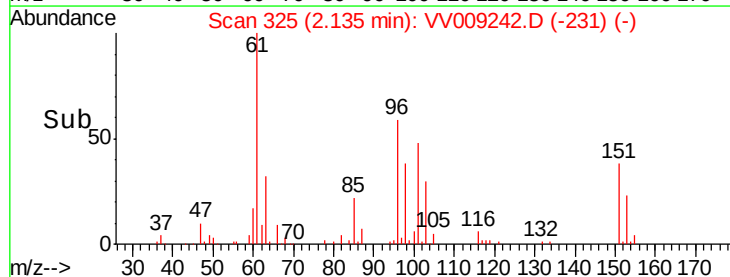
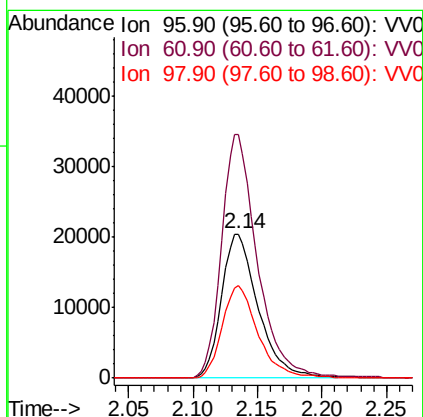
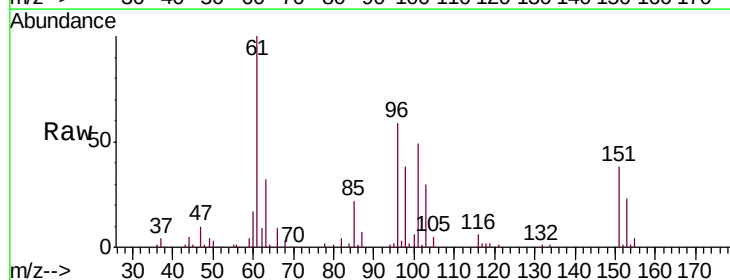
Tgt Ion: 59 Resp: 18328
 Ion Ratio Lower Upper
 59 100
 57 9.8 8.4 12.6

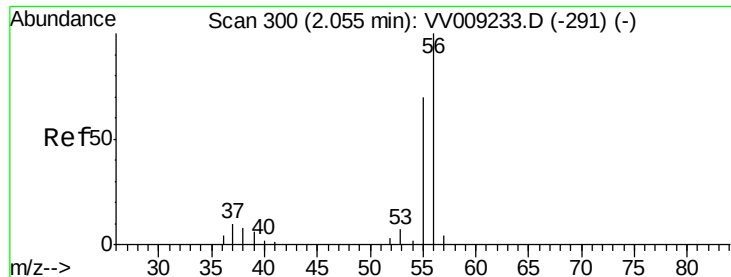


#12

1,1-Dichloroethene
 Concen: 46.903 ug/l
 RT: 2.14 min Scan# 325
 Delta R.T. 0.00 min
 Lab File: VV009242.D
 Acq: 22 Jan 2019 19:00

Tgt Ion: 96 Resp: 40373
 Ion Ratio Lower Upper
 96 100
 61 168.6 136.6 205.0
 98 64.3 50.6 75.8





#13

Acrolein

Concen: 289.166 ug/l

RT: 2.05 min Scan# 300

Delta R.T. 0.00 min

Lab File: VV009242.D

Acq: 22 Jan 2019 19:00

Instrument :

MSVOA_V

ClientSampleId :

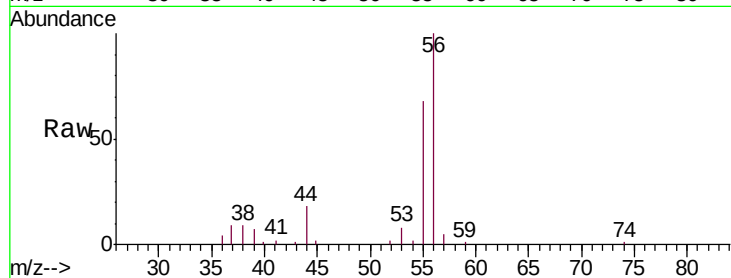
VSTDCCC050EC

Tgt Ion: 56 Resp: 14730

Ion Ratio Lower Upper

56 100

55 71.7 54.0 81.0



Abundance Ion 56.00 (55.70 to 56.70): VV009233.D (-291) (-)

Ion 55.00 (54.70 to 55.70): VV009233.D (-291) (-)

2.05

10000

8000

6000

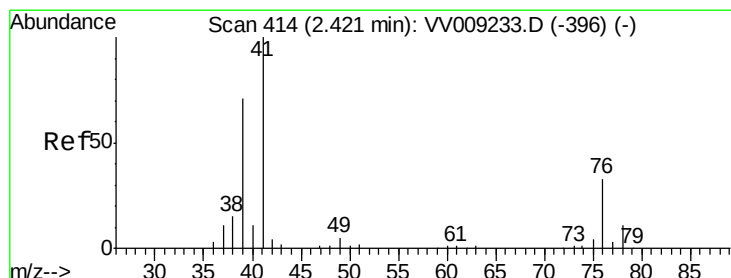
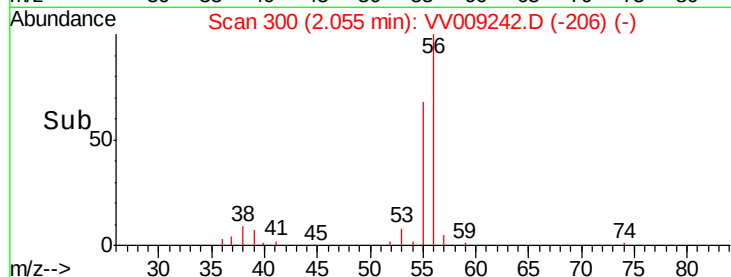
4000

2000

0

Time-->

2.00 2.05 2.10 2.15



#14

Allyl chloride

Concen: 45.516 ug/l

RT: 2.42 min Scan# 414

Delta R.T. 0.00 min

Lab File: VV009242.D

Acq: 22 Jan 2019 19:00

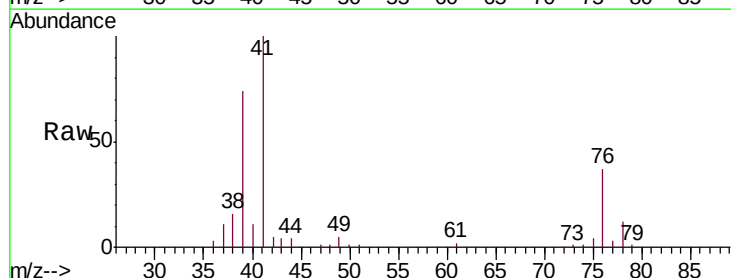
Tgt Ion: 41 Resp: 67524

Ion Ratio Lower Upper

41 100

39 70.3 55.1 82.7

76 35.4 26.7 40.1



Abundance Ion 41.00 (40.70 to 41.70): VV009233.D (-396) (-)

Ion 39.00 (38.70 to 39.70): VV009233.D (-396) (-)

Ion 75.90 (75.60 to 76.60): VV009233.D (-396) (-)

2.42

80000

60000

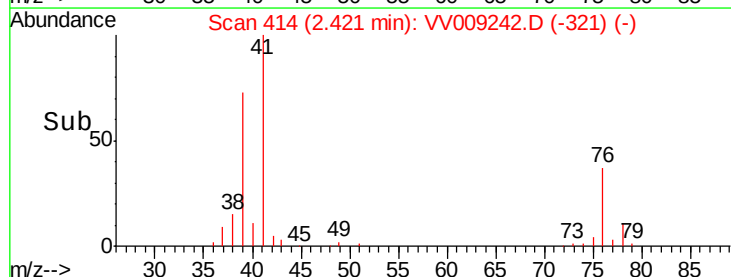
40000

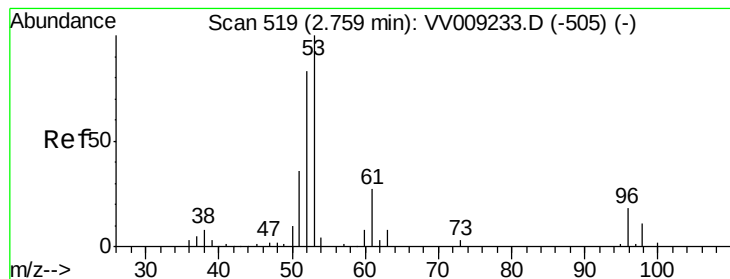
20000

0

Time-->

2.35 2.40 2.45 2.50





#15

Acrylonitrile

Concen: 294.015 ug/l

RT: 2.76 min Scan# 519

Delta R.T. 0.00 min

Lab File: VV009242.D

Acq: 22 Jan 2019 19:00

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

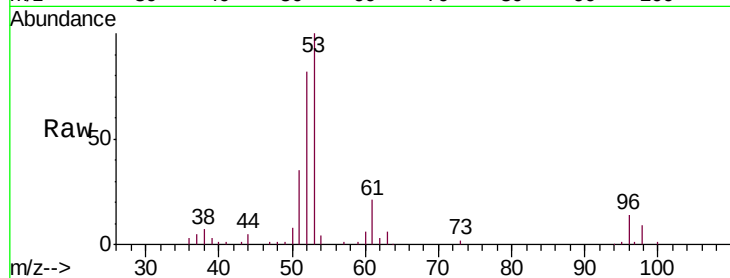
Tgt Ion: 53 Resp: 56516

Ion Ratio Lower Upper

53 100

52 80.7 65.3 97.9

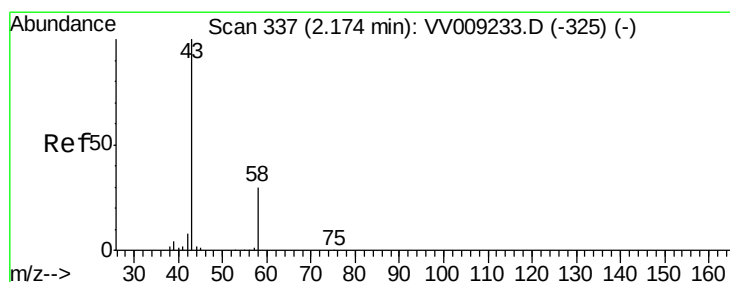
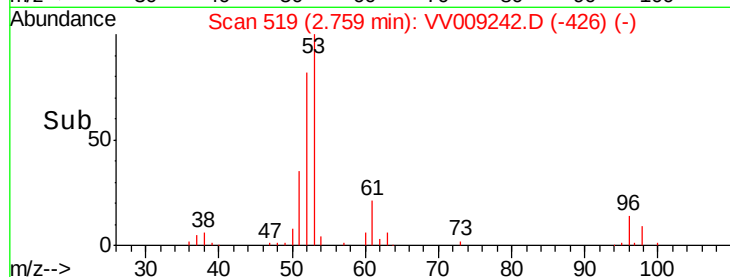
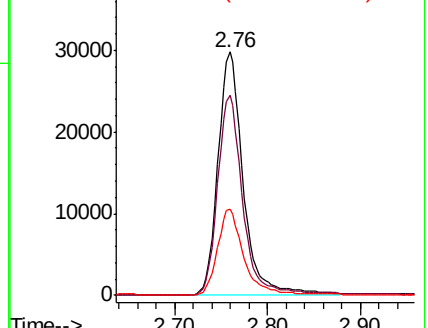
51 37.8 29.0 43.4



Abundance Ion 53.00 (52.70 to 53.70): VV009233.D (-505) (-)

Ion 52.00 (51.70 to 52.70): VV009233.D (-505) (-)

Ion 51.00 (50.70 to 51.70): VV009233.D (-505) (-)



#16

Acetone

Concen: 243.731 ug/l

RT: 2.17 min Scan# 337

Delta R.T. 0.00 min

Lab File: VV009242.D

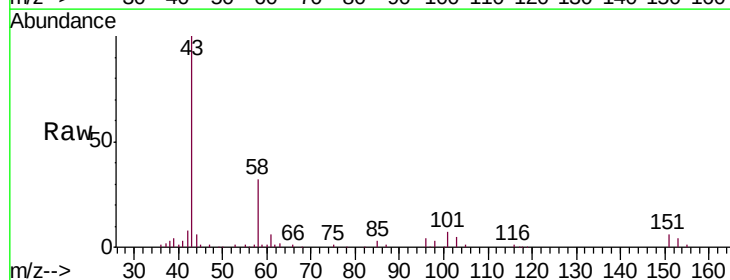
Acq: 22 Jan 2019 19:00

Tgt Ion: 43 Resp: 65540

Ion Ratio Lower Upper

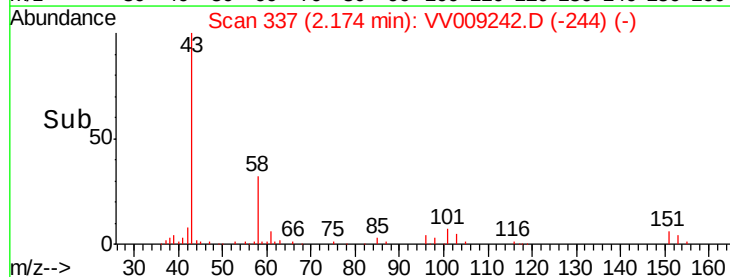
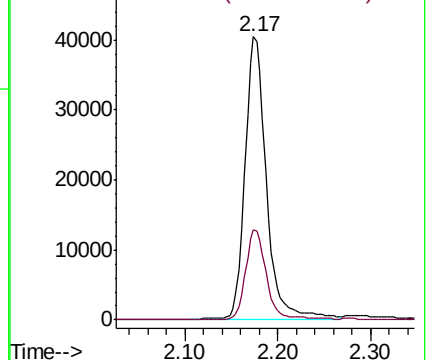
43 100

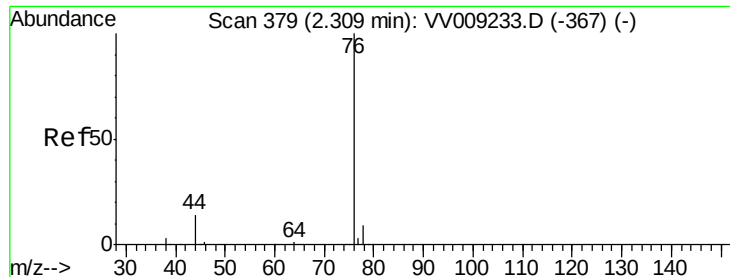
58 31.9 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VV009233.D (-325) (-)

Ion 58.00 (57.70 to 58.70): VV009233.D (-325) (-)

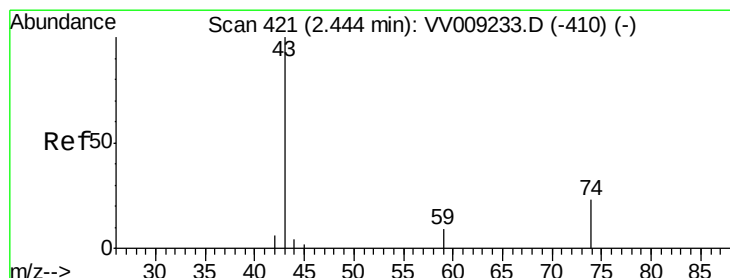
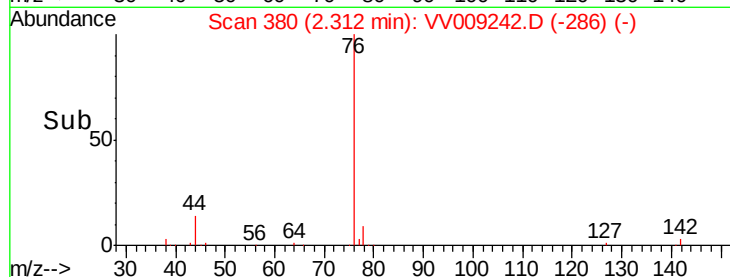
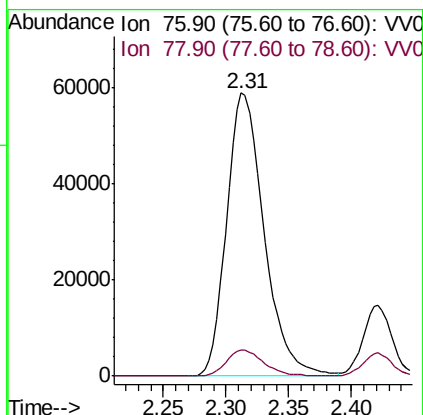
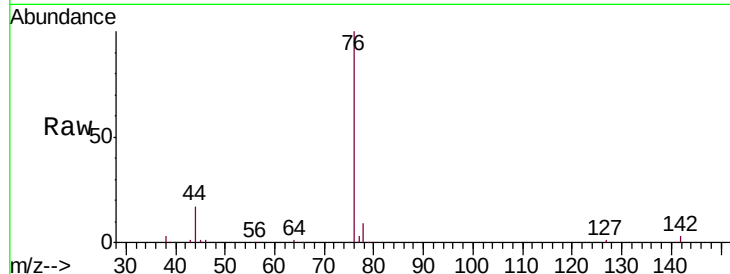




#17
Carbon Disulfide
Concen: 46.371 ug/l
RT: 2.31 min Scan# 380
Delta R.T. 0.00 min
Lab File: VV009242.D
Acq: 22 Jan 2019 19:00

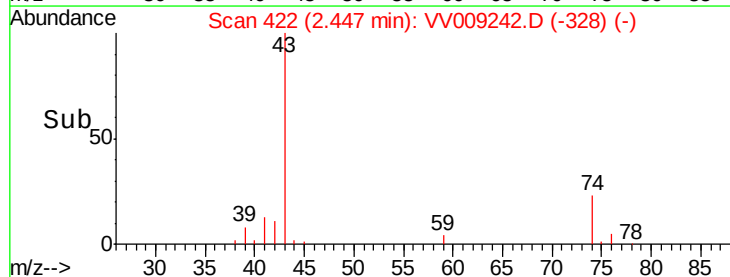
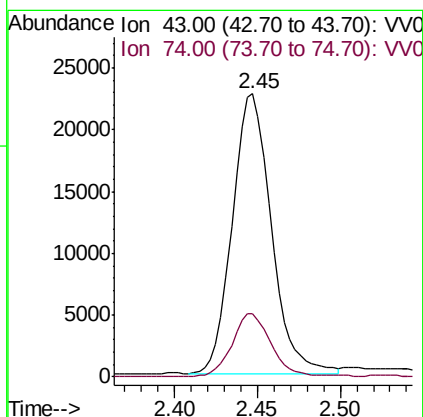
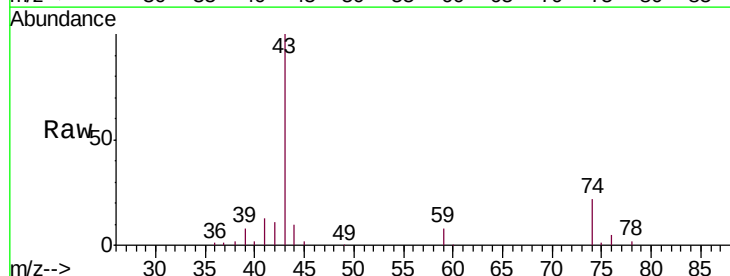
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

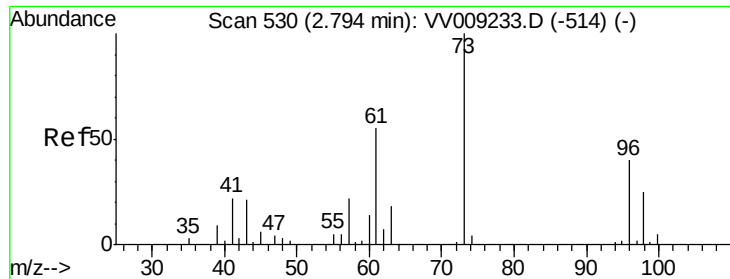
Tgt Ion: 76 Resp: 122102
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 51.792 ug/l
RT: 2.45 min Scan# 422
Delta R.T. 0.00 min
Lab File: VV009242.D
Acq: 22 Jan 2019 19:00

Tgt Ion: 43 Resp: 37198
Ion Ratio Lower Upper
43 100
74 22.9 19.7 29.5

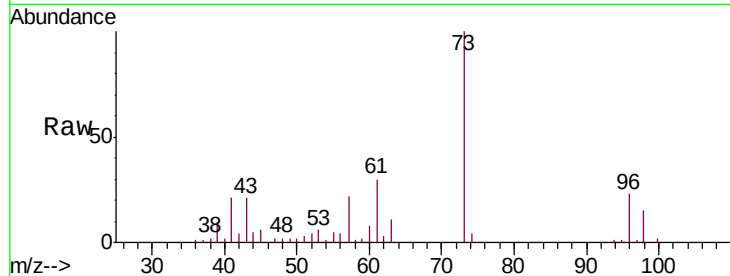




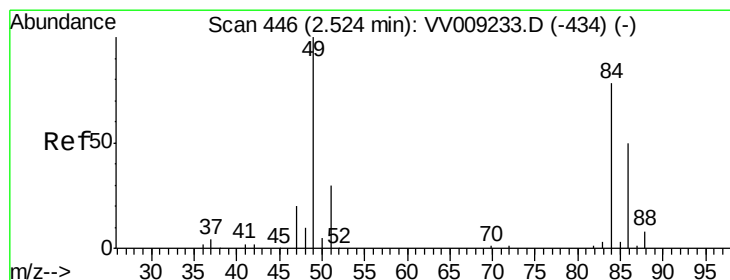
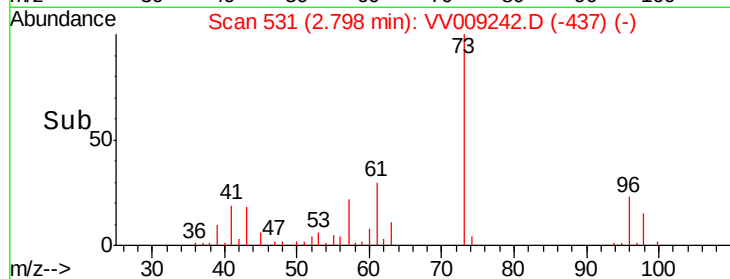
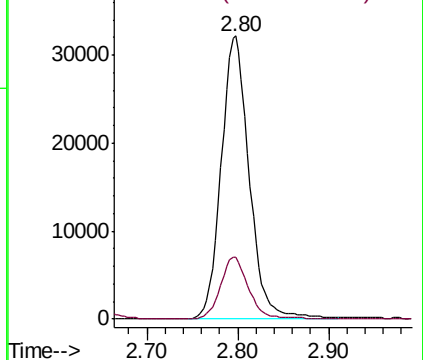
#19
Methyl tert-butyl Ether
Concen: 51.681 ug/l
RT: 2.80 min Scan# 531
Delta R.T. 0.00 min
Lab File: VV009242.D
Acq: 22 Jan 2019 19:00

Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 69054
Ion Ratio Lower Upper
73 100
57 21.7 18.0 27.0

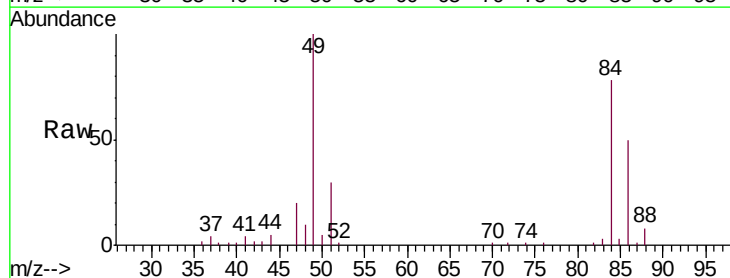


Abundance Ion 73.00 (72.70 to 73.70): VV009233.D (-514) (-)
Ion 57.00 (56.70 to 57.70): VV009233.D (-514) (-)

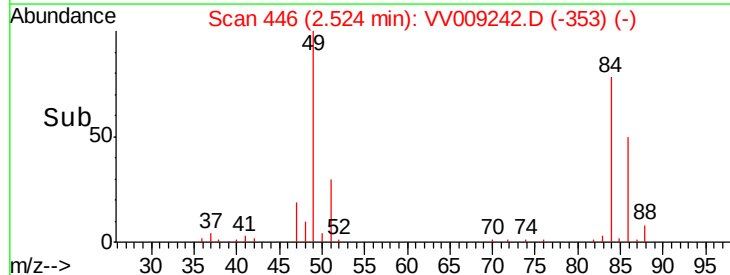
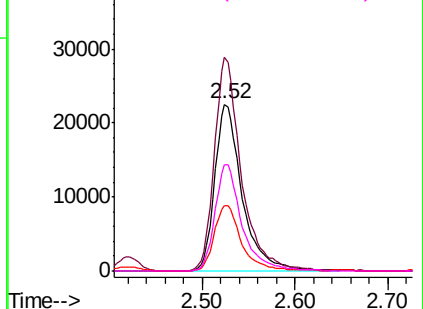


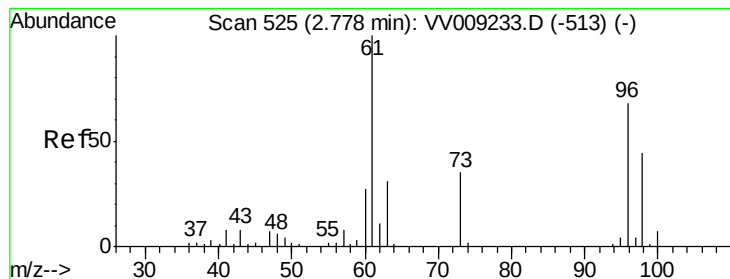
#20
Methylene Chloride
Concen: 52.012 ug/l
RT: 2.52 min Scan# 446
Delta R.T. 0.00 min
Lab File: VV009242.D
Acq: 22 Jan 2019 19:00

Tgt Ion: 84 Resp: 46098
Ion Ratio Lower Upper
84 100
49 128.1 102.0 153.0
51 39.0 30.9 46.3
86 63.5 51.0 76.6



Abundance Ion 83.90 (83.60 to 84.60): VV009233.D (-434) (-)
Ion 48.90 (48.60 to 49.60): VV009233.D (-434) (-)
Ion 50.90 (50.60 to 51.60): VV009233.D (-434) (-)
Ion 85.90 (85.60 to 86.60): VV009233.D (-434) (-)





#21

trans-1,2-Dichloroethene

Concen: 46.601 ug/l

RT: 2.78 min Scan# 526

Delta R.T. 0.00 min

Lab File: VV009242.D

Acq: 22 Jan 2019 19:00

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

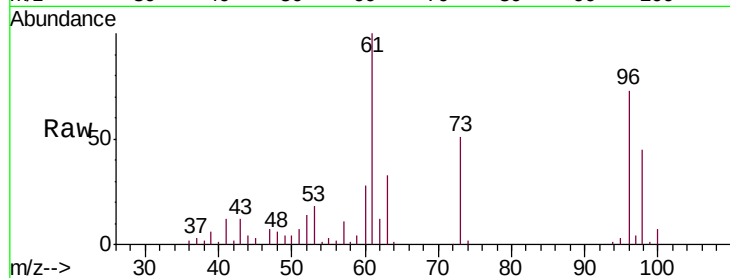
Tgt Ion: 96 Resp: 43218

Ion Ratio Lower Upper

96 100

61 137.1 117.7 176.5

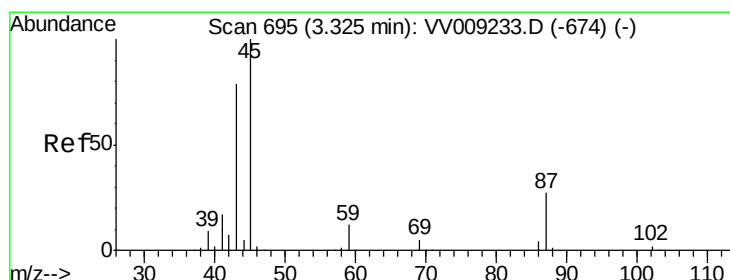
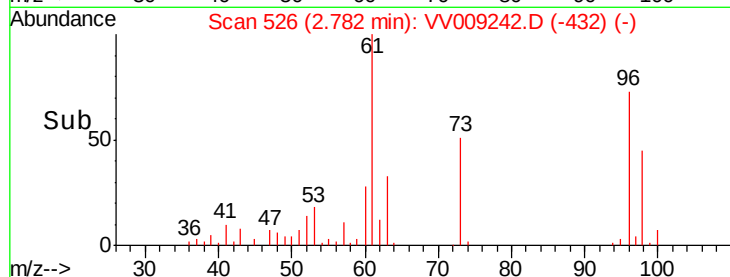
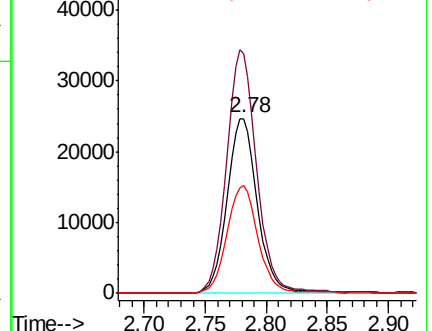
98 62.0 51.5 77.3



Abundance Ion 95.90 (95.60 to 96.60): VV009233.D (-513) (-)

Ion 60.90 (60.60 to 61.60): VV009233.D (-513) (-)

Ion 97.90 (97.60 to 98.60): VV009233.D (-513) (-)



#22

Diisopropyl ether

Concen: 49.367 ug/l

RT: 3.32 min Scan# 695

Delta R.T. 0.00 min

Lab File: VV009242.D

Acq: 22 Jan 2019 19:00

Tgt Ion: 45 Resp: 155952

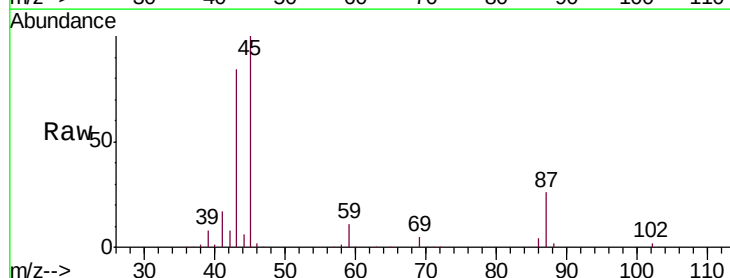
Ion Ratio Lower Upper

45 100

43 82.6 63.0 94.4

87 25.6 21.5 32.3

59 11.3 9.3 13.9

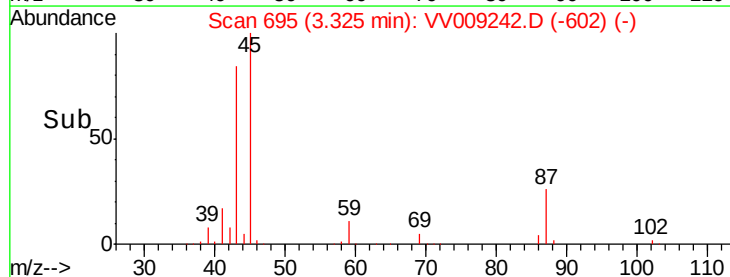
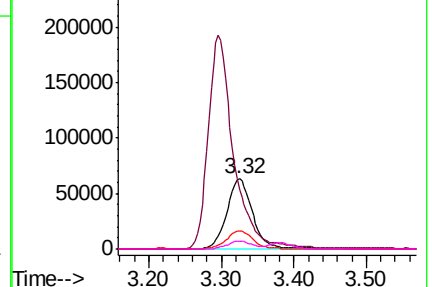


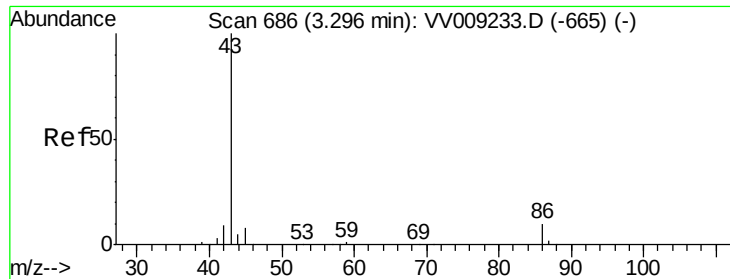
Abundance Ion 45.00 (44.70 to 45.70): VV009233.D (-674) (-)

Ion 43.00 (42.70 to 43.70): VV009233.D (-674) (-)

Ion 87.00 (86.70 to 87.70): VV009233.D (-674) (-)

Ion 59.00 (58.70 to 59.70): VV009233.D (-674) (-)





#23

Vinyl Acetate

Concen: 276.923 ug/l

RT: 3.30 min Scan# 686

Delta R.T. 0.00 min

Lab File: VV009242.D

Acq: 22 Jan 2019 19:00

Instrument :

MSVOA_V

ClientSampleId :

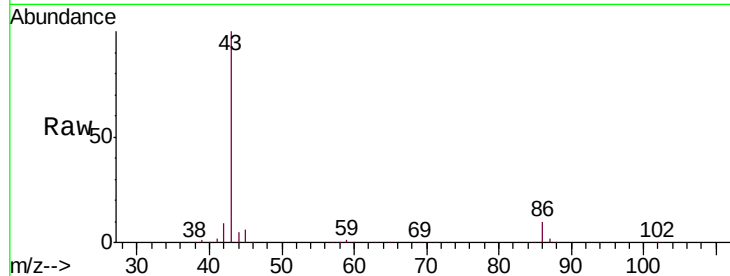
VSTDCCC050EC

Tgt Ion: 43 Resp: 474662

Ion Ratio Lower Upper

43 100

86 10.4 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VV009233.D (-665) (-)

Ion 86.00 (85.70 to 86.70): VV009233.D (-665) (-)

3.30

200000

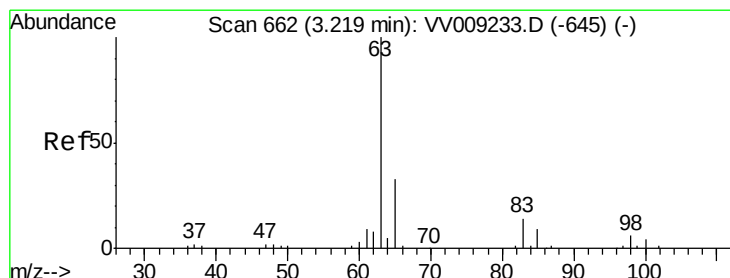
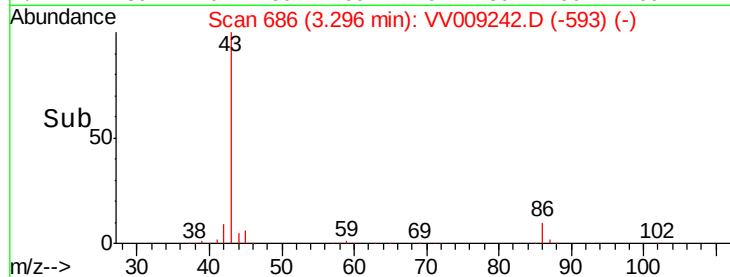
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 47.187 ug/l

RT: 3.22 min Scan# 661

Delta R.T. -0.00 min

Lab File: VV009242.D

Acq: 22 Jan 2019 19:00

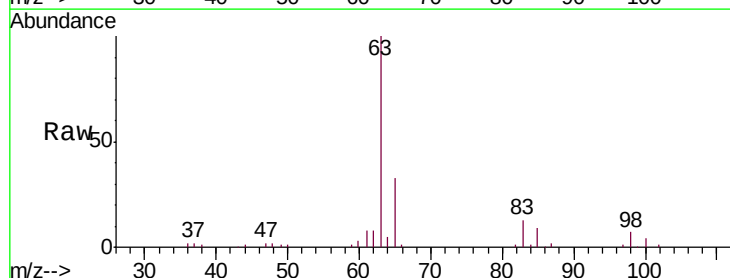
Tgt Ion: 63 Resp: 92742

Ion Ratio Lower Upper

63 100

98 7.3 3.3 9.8

100 4.4 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VV009233.D (-645) (-)

Ion 97.90 (97.60 to 98.60): VV009233.D (-645) (-)

Ion 99.90 (99.60 to 100.60): VV009233.D (-645) (-)

3.22

60000

50000

40000

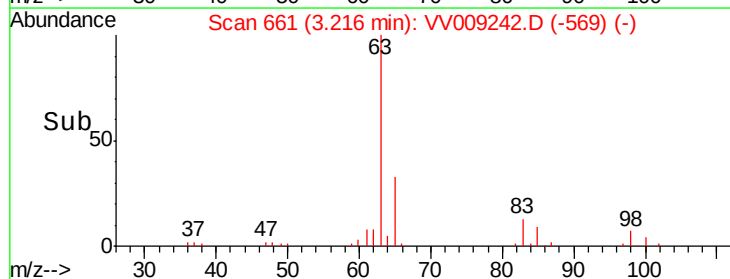
30000

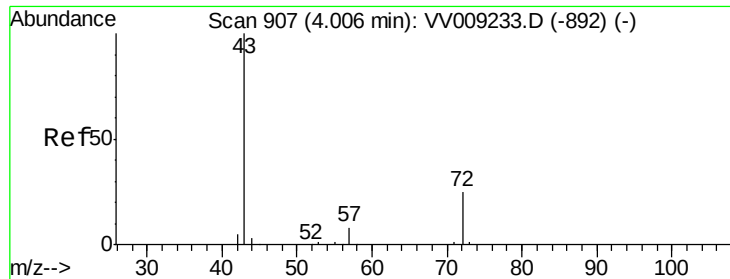
20000

10000

0

Time-->





#25

2-Butanone

Concen: 284.866 ug/l

RT: 4.01 min Scan# 908

Delta R.T. 0.00 min

Lab File: VV009242.D

Acq: 22 Jan 2019 19:00

Instrument :

MSVOA_V

ClientSampleId :

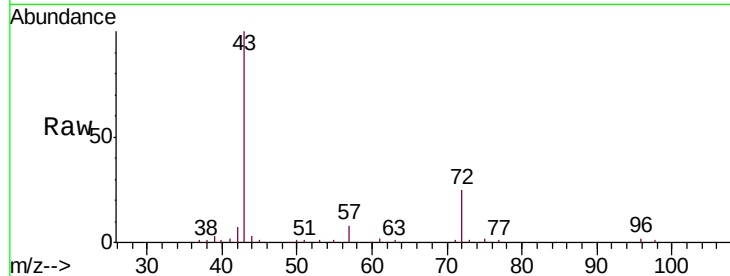
VSTDCCC050EC

Tgt Ion: 43 Resp: 87595

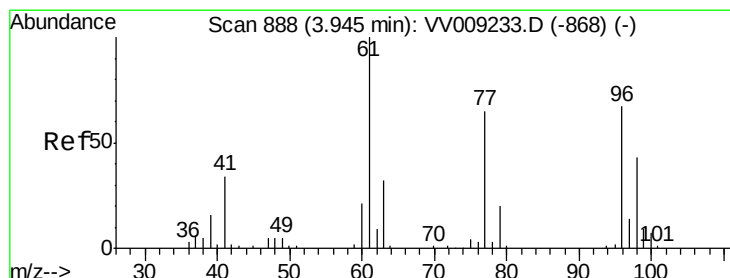
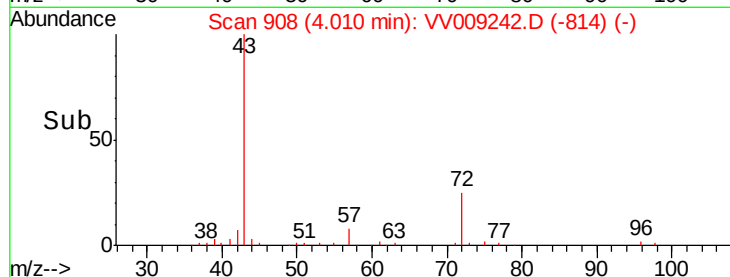
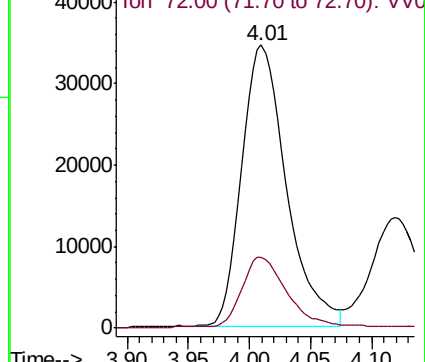
Ion Ratio Lower Upper

43 100

72 24.6 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VV009233.D (-892) (-)



#26

2,2-Dichloropropane

Concen: 46.168 ug/l

RT: 3.95 min Scan# 888

Delta R.T. 0.00 min

Lab File: VV009242.D

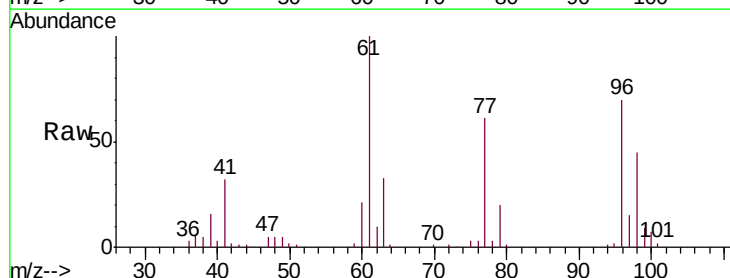
Acq: 22 Jan 2019 19:00

Tgt Ion: 77 Resp: 51066

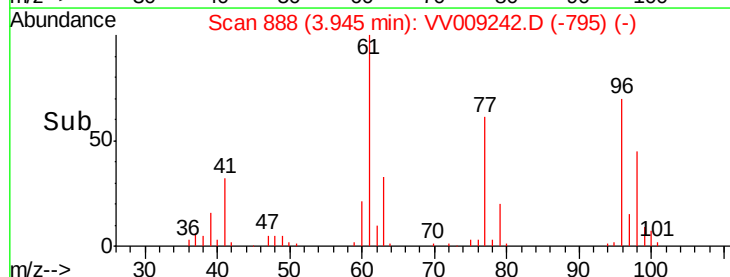
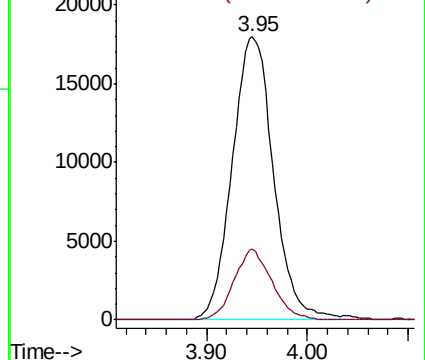
Ion Ratio Lower Upper

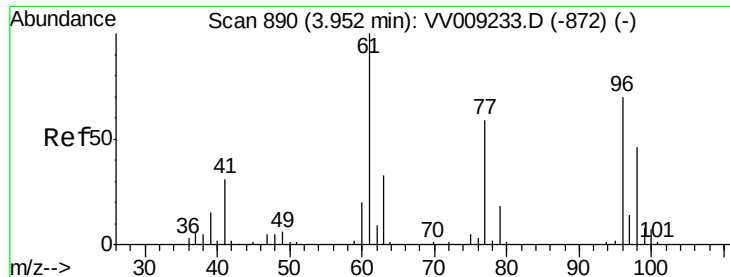
77 100

97 23.0 10.9 32.6



Abundance Ion 76.90 (76.60 to 77.60): VV009233.D (-868) (-)





#27

cis-1,2-Dichloroethene

Concen: 48.187 ug/l

RT: 3.95 min Scan# 889

Delta R.T. -0.00 min

Lab File: VV009242.D

Acq: 22 Jan 2019 19:00

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

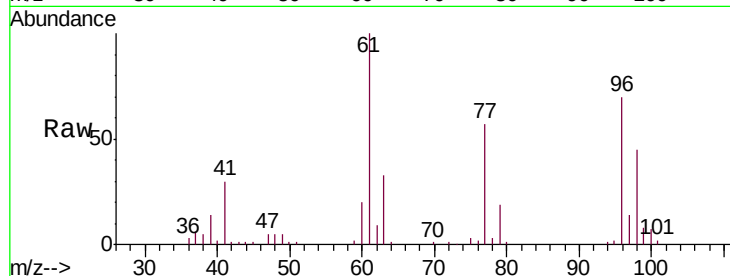
Tgt Ion: 96 Resp: 54009

Ion Ratio Lower Upper

96 100

61 143.1 0.0 296.4

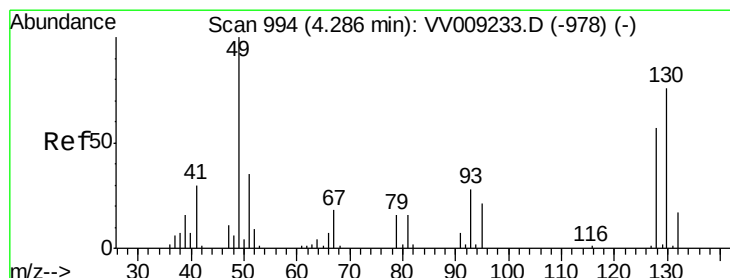
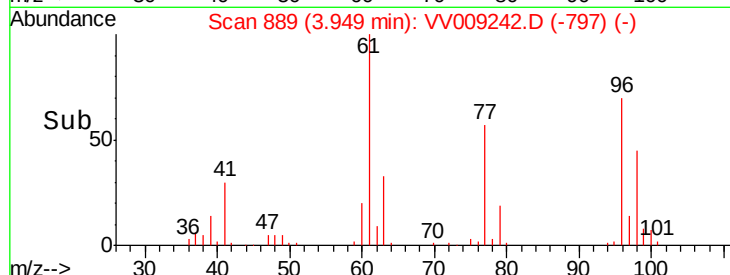
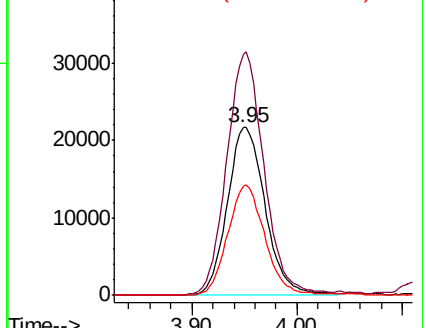
98 64.1 0.0 130.0



Abundance Ion 95.90 (95.60 to 96.60): VV009233.D (-872) (-)

Ion 60.90 (60.60 to 61.60): VV009233.D (-872) (-)

Ion 97.90 (97.60 to 98.60): VV009233.D (-872) (-)



#28

Bromochloromethane

Concen: 52.399 ug/l

RT: 4.29 min Scan# 994

Delta R.T. 0.00 min

Lab File: VV009242.D

Acq: 22 Jan 2019 19:00

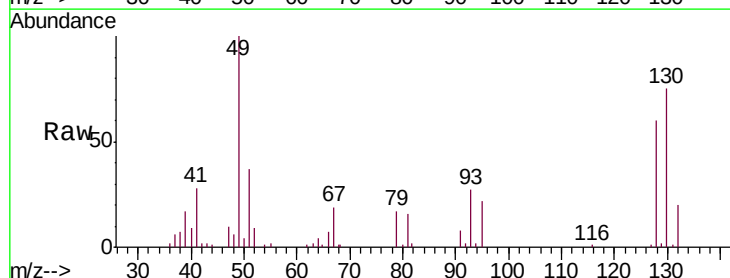
Tgt Ion: 49 Resp: 38004

Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.6

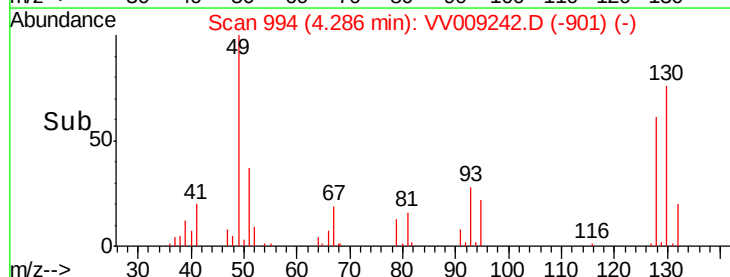
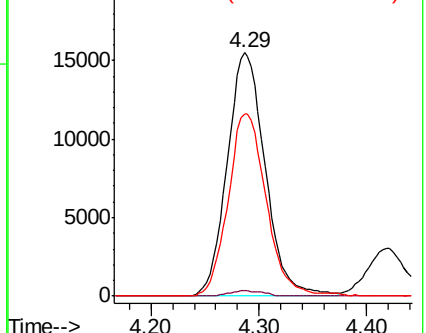
130 74.9 60.2 90.4

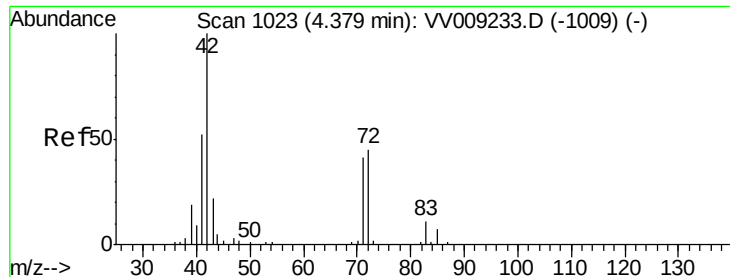


Abundance Ion 48.90 (48.60 to 49.60): VV009233.D (-978) (-)

Ion 128.80 (128.50 to 129.50): VV009233.D (-978) (-)

Ion 129.80 (129.50 to 130.50): VV009233.D (-978) (-)





#29

Tetrahydrofuran

Concen: 309.661 ug/l

RT: 4.38 min Scan# 1023

Delta R.T. 0.00 min

Lab File: VV009242.D

Acq: 22 Jan 2019 19:00

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

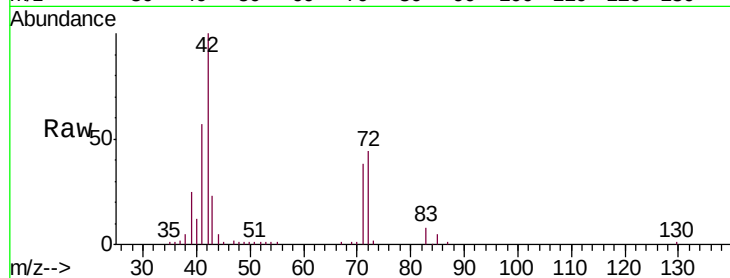
Tgt Ion: 42 Resp: 51789

Ion Ratio Lower Upper

42 100

72 46.0 37.7 56.5

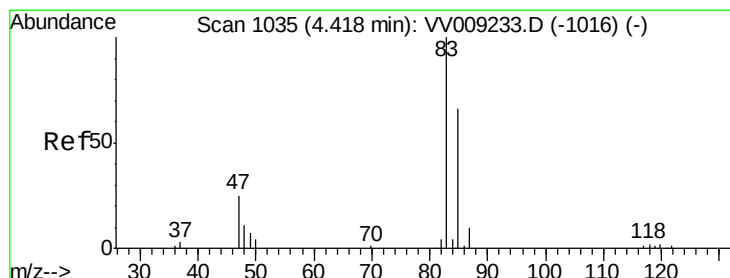
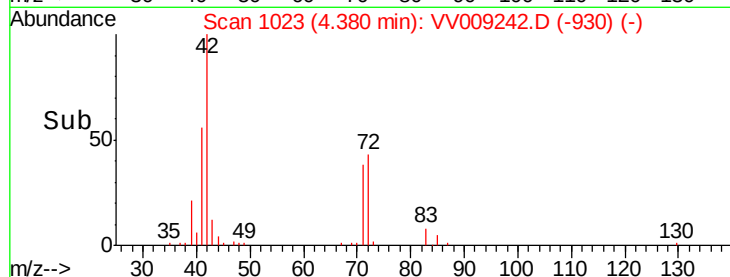
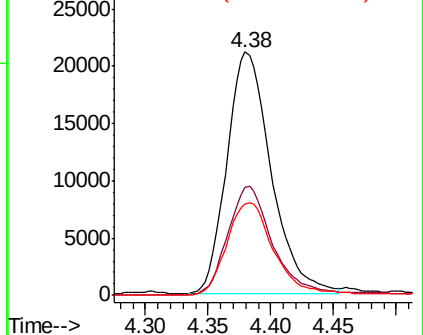
71 41.2 31.5 47.3



Abundance Ion 42.00 (41.70 to 42.70): VV0

Ion 72.00 (71.70 to 72.70): VV0

Ion 71.00 (70.70 to 71.70): VV0



#30

Chloroform

Concen: 47.070 ug/l

RT: 4.42 min Scan# 1035

Delta R.T. 0.00 min

Lab File: VV009242.D

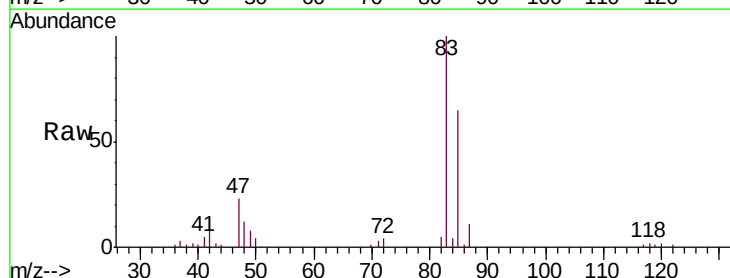
Acq: 22 Jan 2019 19:00

Tgt Ion: 83 Resp: 92912

Ion Ratio Lower Upper

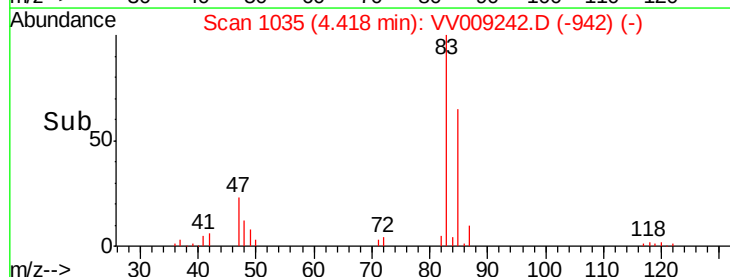
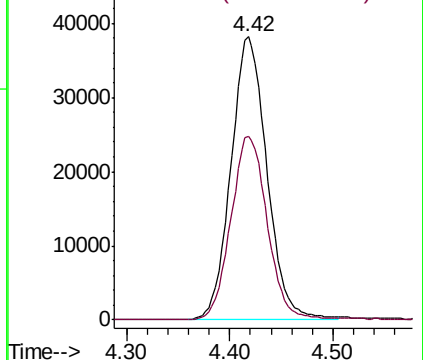
83 100

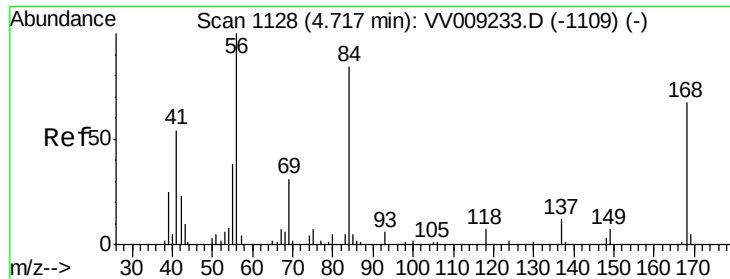
85 65.0 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VV0

Ion 84.90 (84.60 to 85.60): VV0

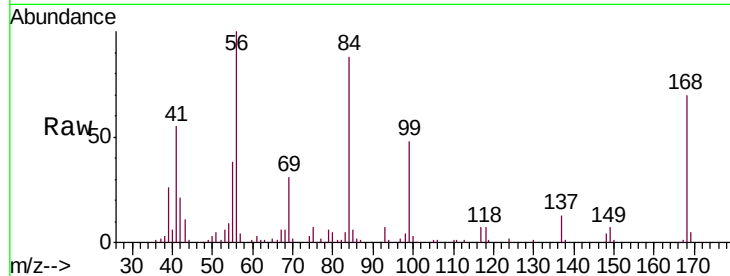




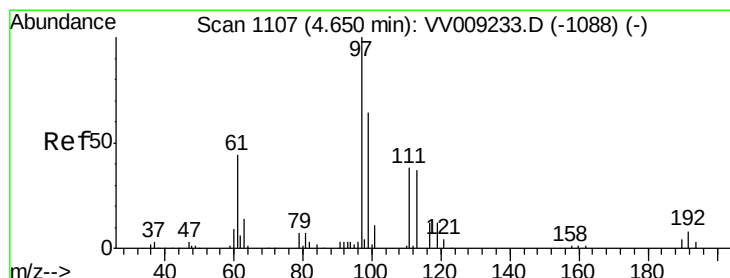
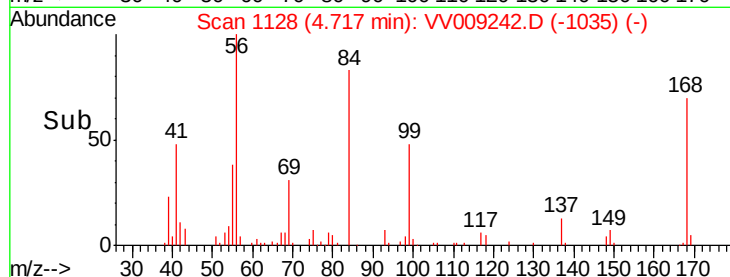
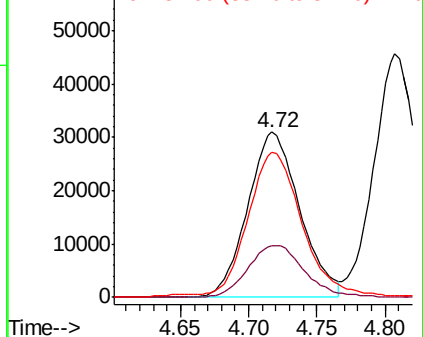
#31
Cyclohexane
Concen: 45.736 ug/l
RT: 4.72 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VV009242.D
Acq: 22 Jan 2019 19:00

Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 82060
Ion Ratio Lower Upper
56 100
69 31.1 25.1 37.7
84 86.6 67.3 100.9

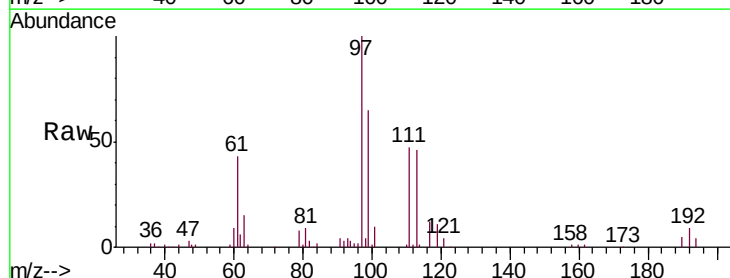


Abundance Ion 56.00 (55.70 to 56.70): VV0
Ion 69.00 (68.70 to 69.70): VV0
Ion 84.00 (83.70 to 84.70): VV0

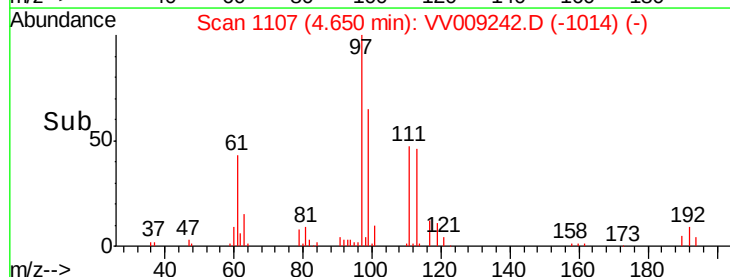
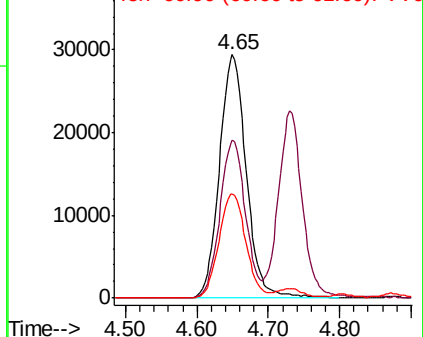


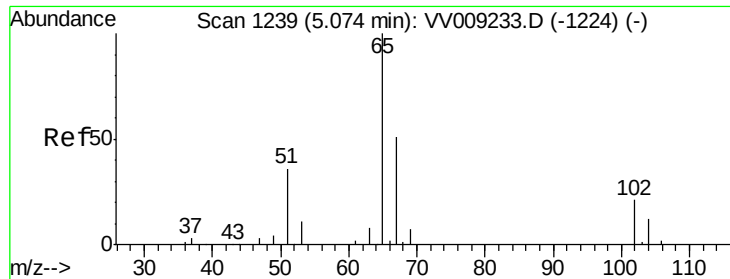
#32
1,1,1-Trichloroethane
Concen: 46.261 ug/l
RT: 4.65 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VV009242.D
Acq: 22 Jan 2019 19:00

Tgt Ion: 97 Resp: 76965
Ion Ratio Lower Upper
97 100
99 62.0 50.2 75.2
61 43.0 34.7 52.1



Abundance Ion 96.90 (96.60 to 97.60): VV0
Ion 98.90 (98.60 to 99.60): VV0
Ion 60.90 (60.60 to 61.60): VV0

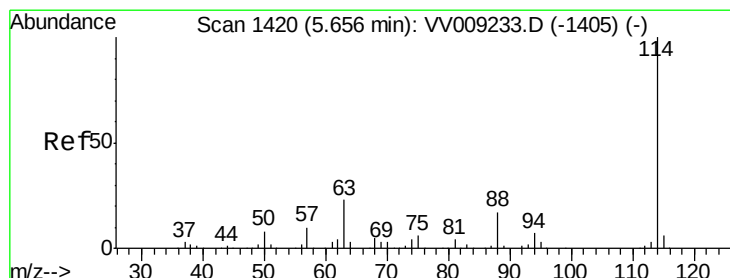
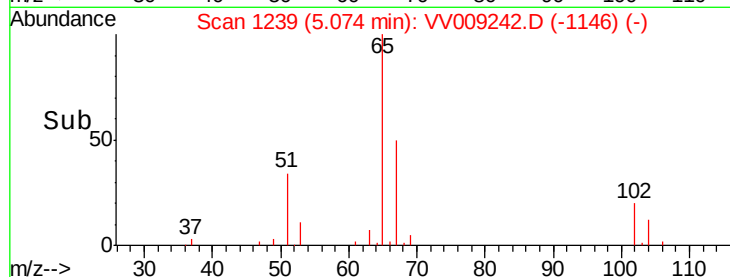
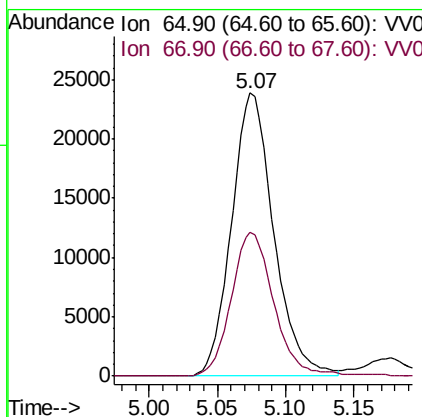
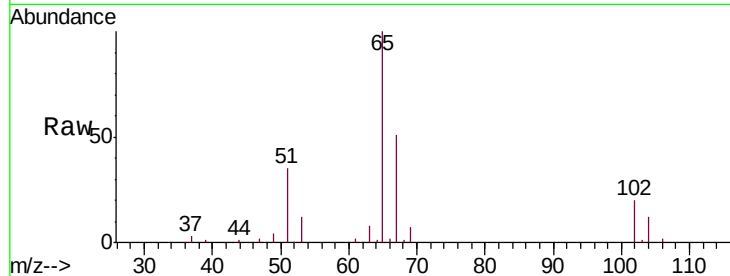




#33
 1,2-Dichloroethane-d4
 Concen: 51.779 ug/l
 RT: 5.07 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VV009242.D
 Acq: 22 Jan 2019 19:00

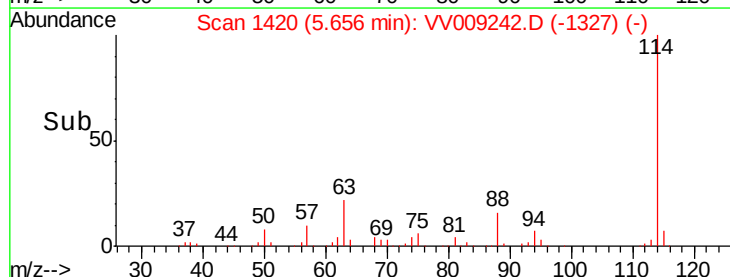
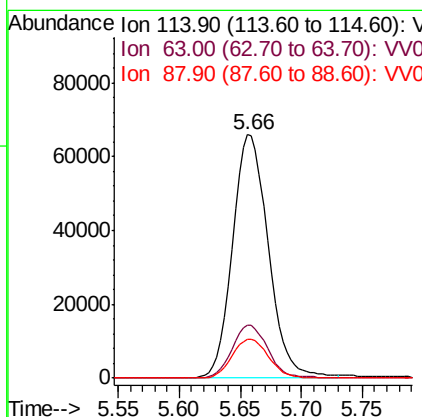
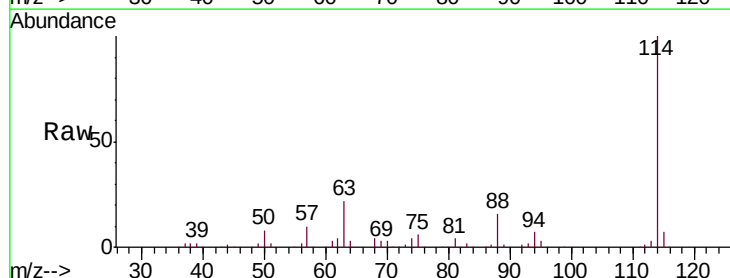
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

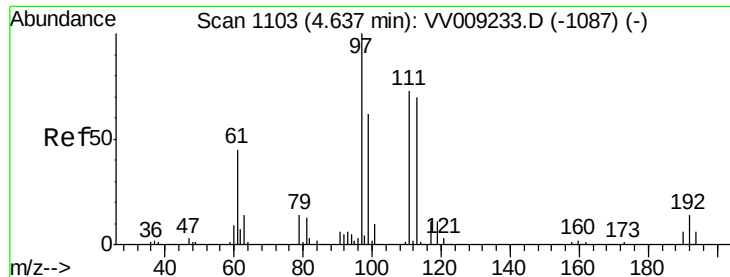
Tgt Ion: 65 Resp: 51318
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.66 min Scan# 1420
 Delta R.T. 0.00 min
 Lab File: VV009242.D
 Acq: 22 Jan 2019 19:00

Tgt Ion: 114 Resp: 134518
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 45.2
 88 15.7 0.0 33.4

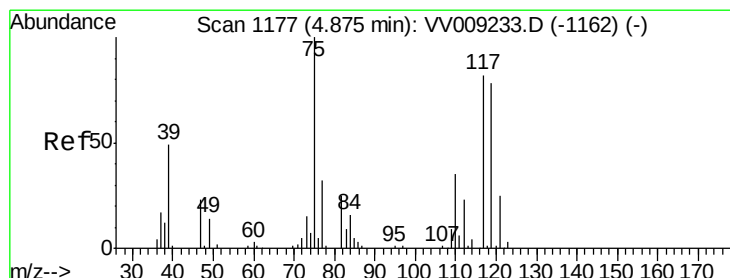
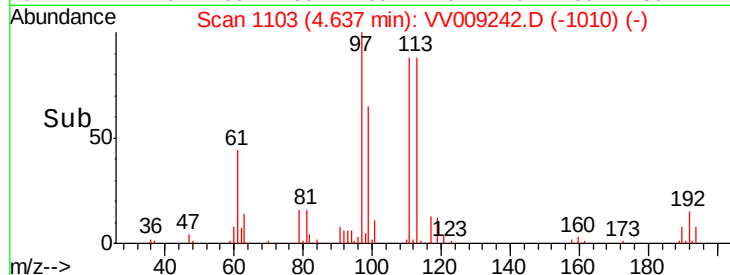
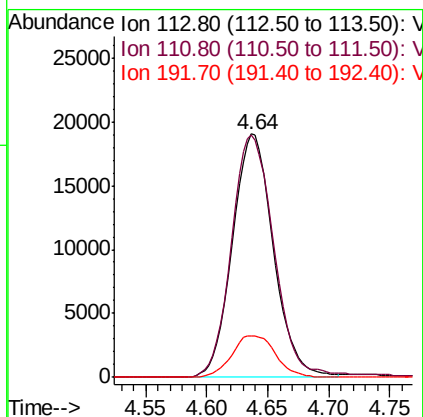
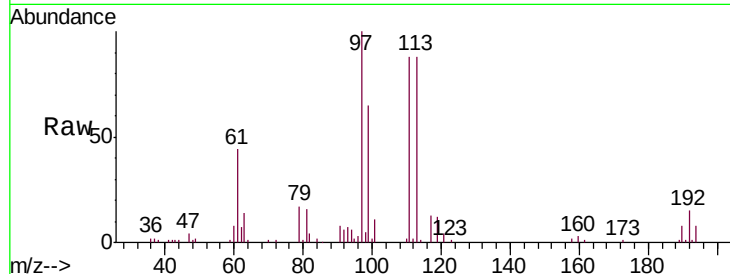




#35
 Dibromofluoromethane
 Concen: 50.703 ug/l
 RT: 4.64 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VV009242.D
 Acq: 22 Jan 2019 19:00

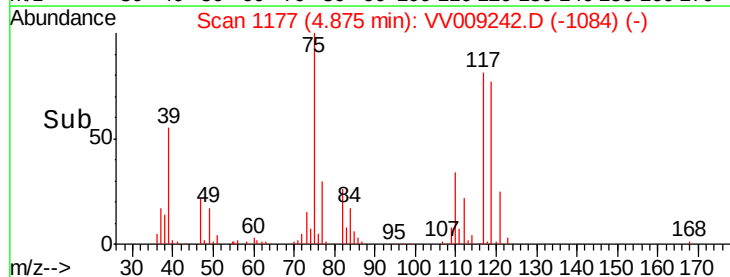
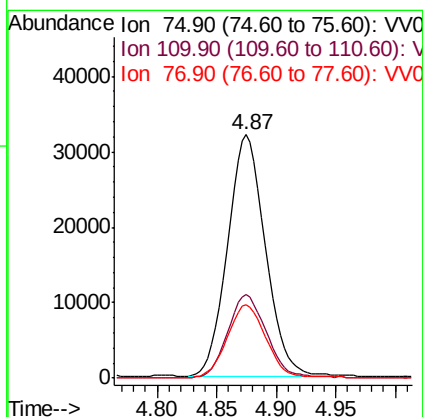
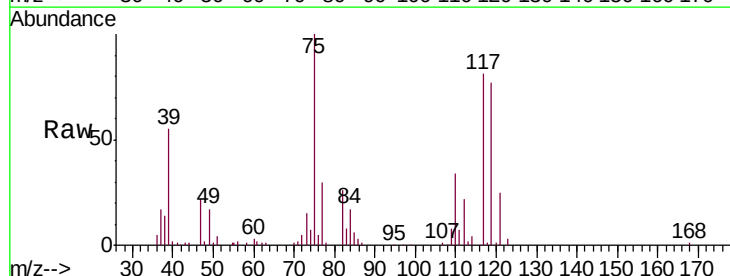
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

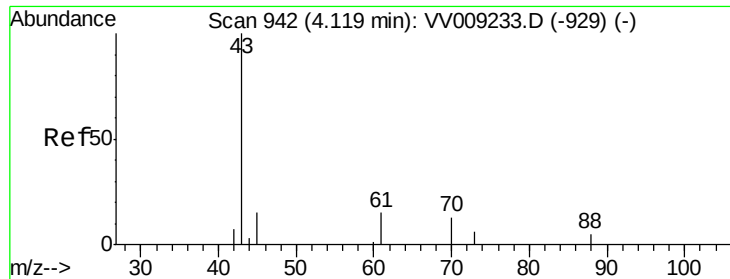
Tgt Ion:113 Resp: 44382
 Ion Ratio Lower Upper
 113 100
 111 103.4 82.4 123.6
 192 18.2 15.0 22.6



#36
 1,1-Dichloropropene
 Concen: 46.995 ug/l
 RT: 4.87 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: VV009242.D
 Acq: 22 Jan 2019 19:00

Tgt Ion: 75 Resp: 70188
 Ion Ratio Lower Upper
 75 100
 110 35.7 17.5 52.5
 77 31.5 25.5 38.3





#37

Ethyl Acetate

Concen: 64.503 ug/l

RT: 4.12 min Scan# 942

Delta R.T. 0.00 min

Lab File: VV009242.D

Acq: 22 Jan 2019 19:00

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

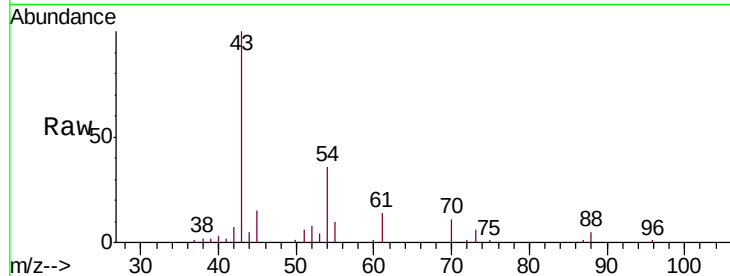
Tgt Ion: 43 Resp: 37023

Ion Ratio Lower Upper

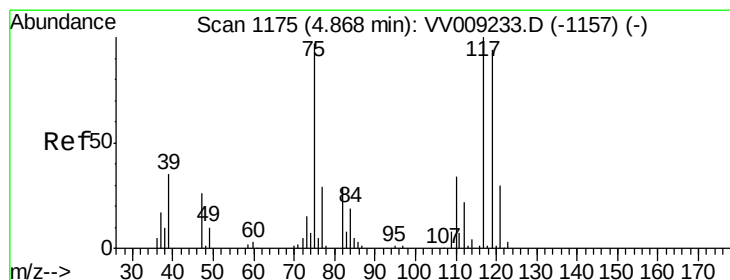
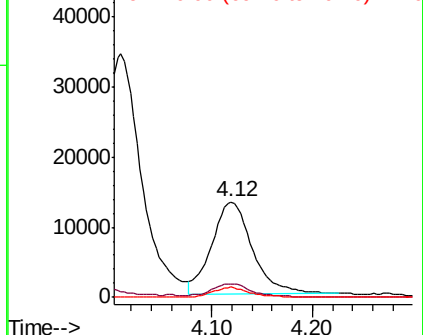
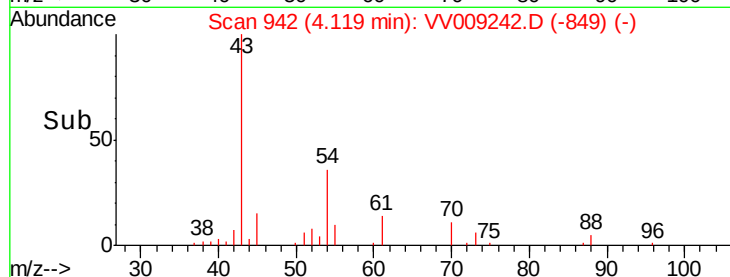
43 100

61 14.8 12.0 18.0

70 9.6 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VV009242.D (-849) (-)



#38

Carbon Tetrachloride

Concen: 47.018 ug/l

RT: 4.87 min Scan# 1175

Delta R.T. 0.00 min

Lab File: VV009242.D

Acq: 22 Jan 2019 19:00

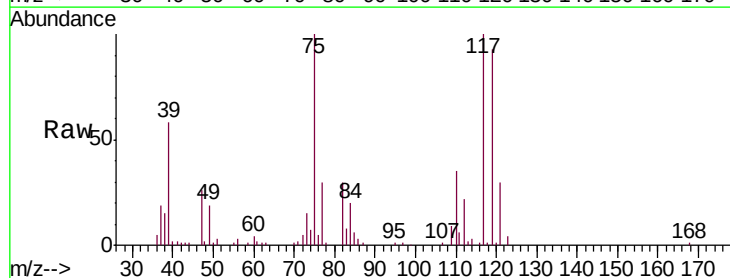
Tgt Ion: 117 Resp: 70301

Ion Ratio Lower Upper

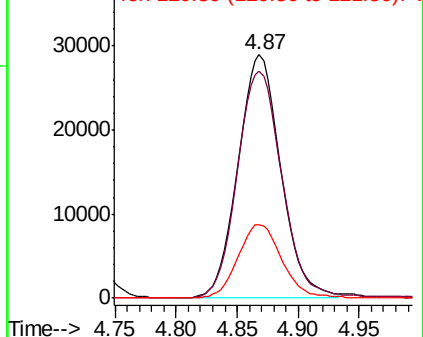
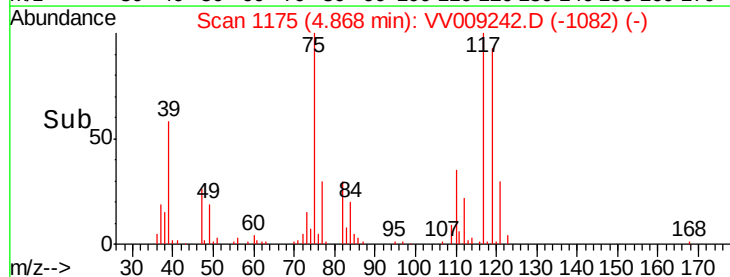
117 100

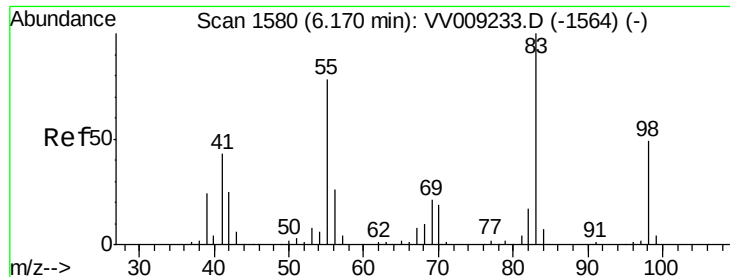
119 93.2 75.4 113.2

121 30.4 24.2 36.2



Abundance Ion 116.80 (116.50 to 117.50): VV009242.D (-1082) (-)

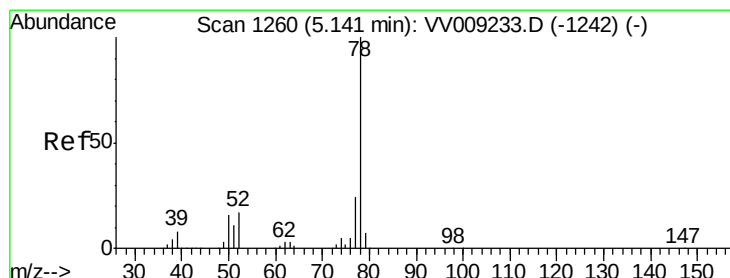
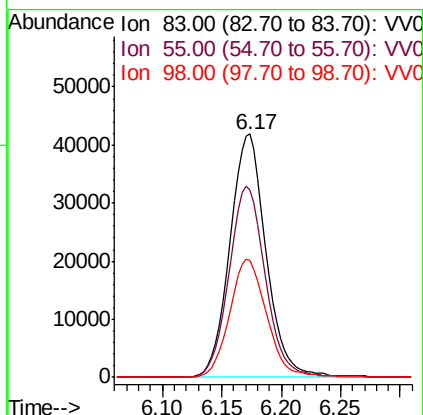
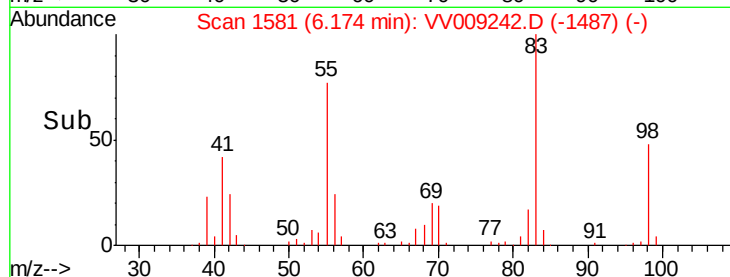
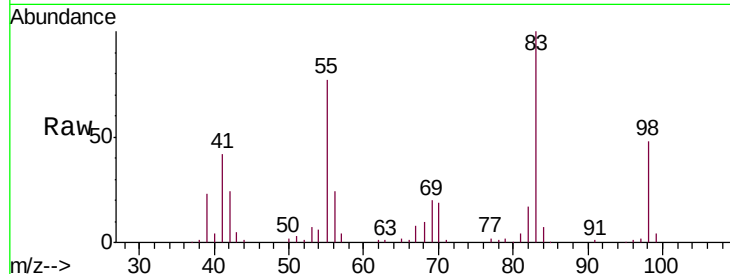




#39
Methylcyclohexane
Concen: 49.936 ug/l
RT: 6.17 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VV009242.D
Acq: 22 Jan 2019 19:00

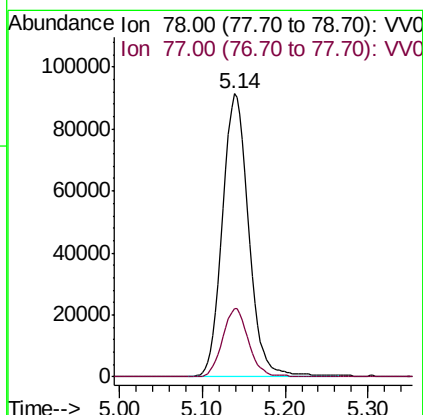
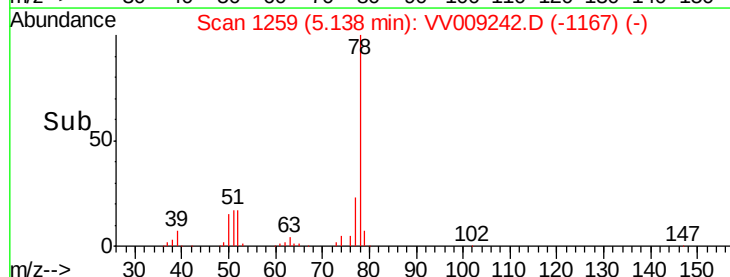
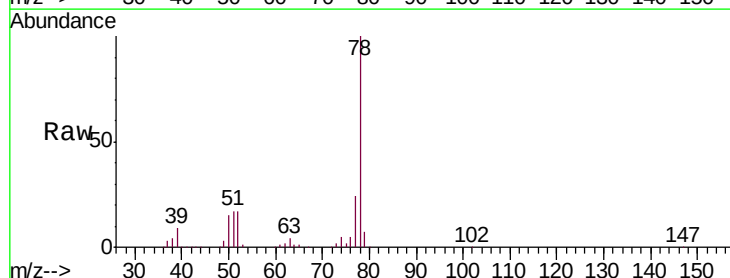
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

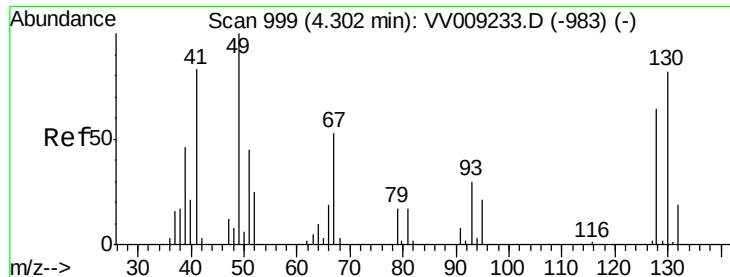
Tgt Ion: 83 Resp: 88317
Ion Ratio Lower Upper
83 100
55 77.0 62.8 94.2
98 47.8 39.1 58.7



#40
Benzene
Concen: 48.355 ug/l
RT: 5.14 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VV009242.D
Acq: 22 Jan 2019 19:00

Tgt Ion: 78 Resp: 201986
Ion Ratio Lower Upper
78 100
77 24.2 19.4 29.2

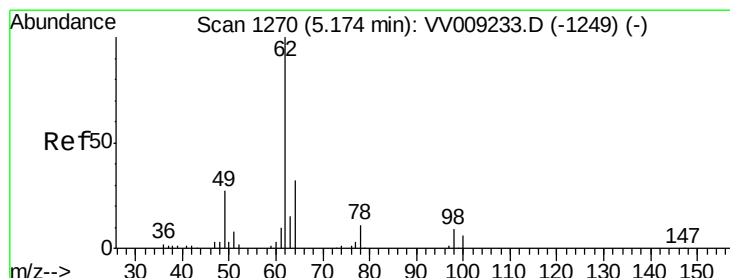
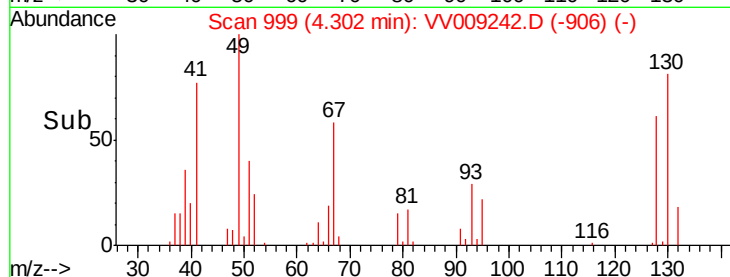
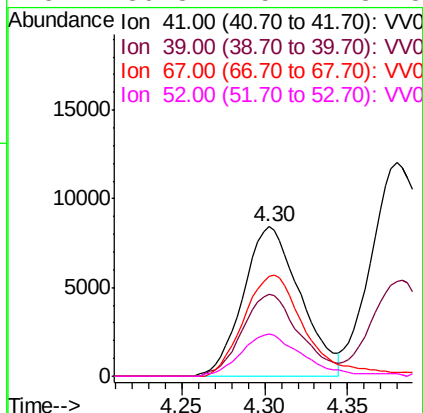
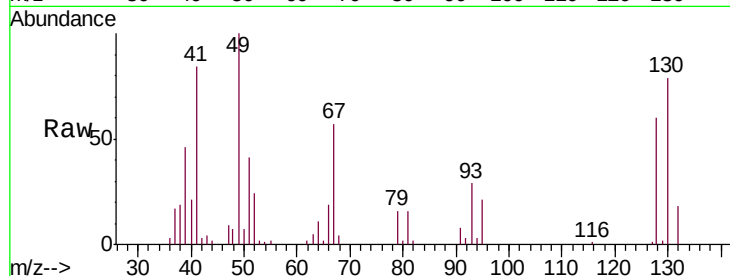




#41
Methacrylonitrile
Concen: 58.628 ug/l
RT: 4.30 min Scan# 999
Delta R.T. 0.00 min
Lab File: VV009242.D
Acq: 22 Jan 2019 19:00

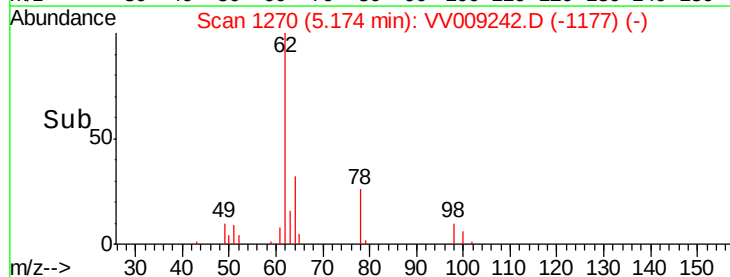
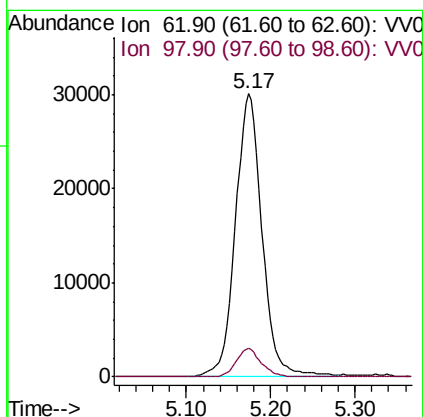
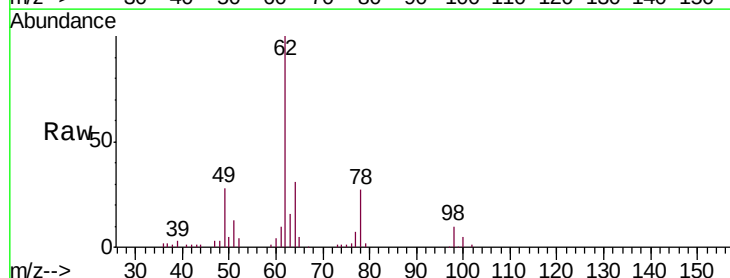
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

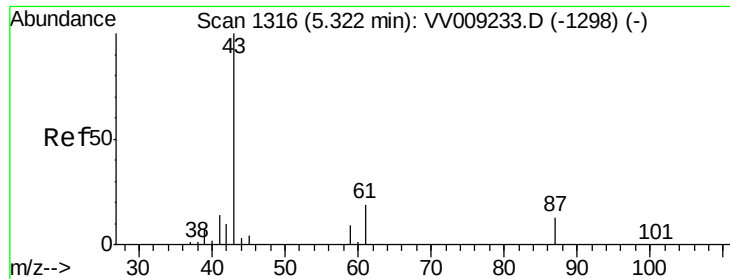
Tgt Ion:	41	Resp:	20281
Ion	Ratio	Lower	Upper
41	100		
39	55.3	45.4	68.0
67	72.2	55.5	83.3
52	30.8	25.2	37.8



#42
1,2-Dichloroethane
Concen: 50.897 ug/l
RT: 5.17 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VV009242.D
Acq: 22 Jan 2019 19:00

Tgt Ion:	62	Resp:	66540
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	16.4





#43

Isopropyl Acetate

Concen: 60.527 ug/l

RT: 5.32 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VV009242.D

Acq: 22 Jan 2019 19:00

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

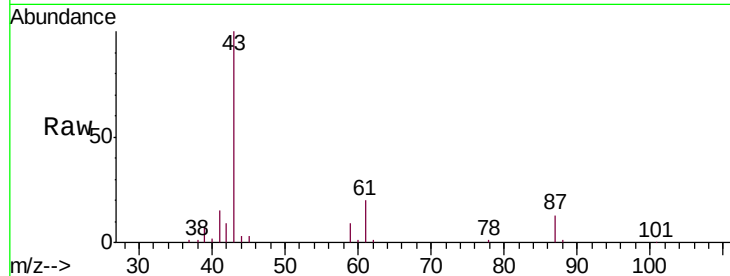
Tgt Ion: 43 Resp: 68336

Ion Ratio Lower Upper

43 100

61 19.4 15.4 23.0

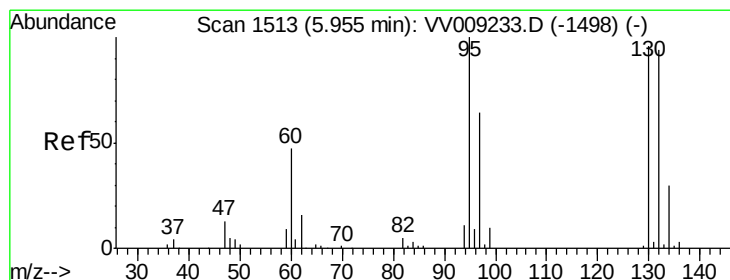
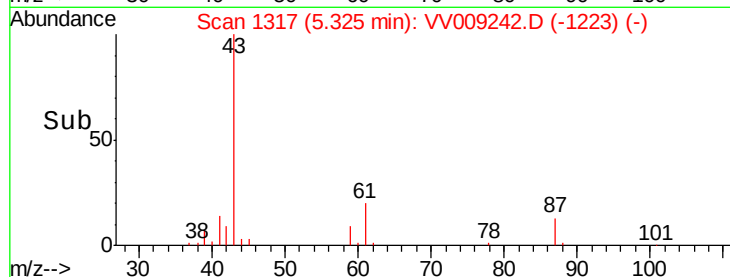
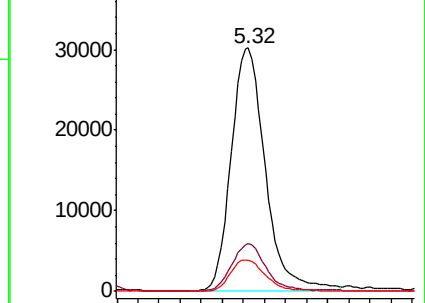
87 13.2 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VV009233.D (-1298) (-)

Ion 61.00 (60.70 to 61.70): VV009233.D (-1298) (-)

Ion 87.00 (86.70 to 87.70): VV009233.D (-1298) (-)



#44

Trichloroethene

Concen: 47.702 ug/l

RT: 5.96 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VV009242.D

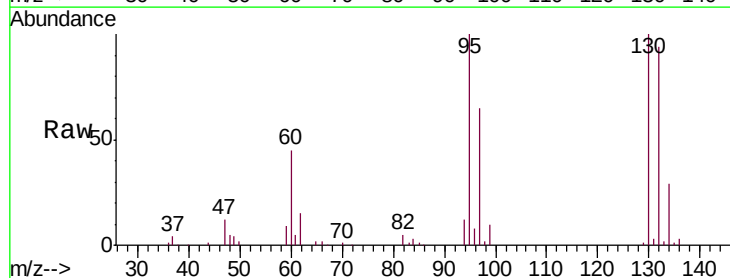
Acq: 22 Jan 2019 19:00

Tgt Ion: 130 Resp: 52434

Ion Ratio Lower Upper

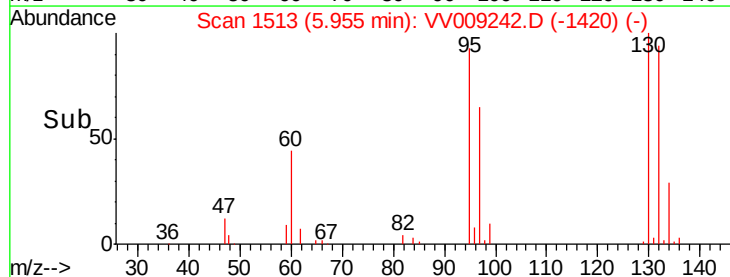
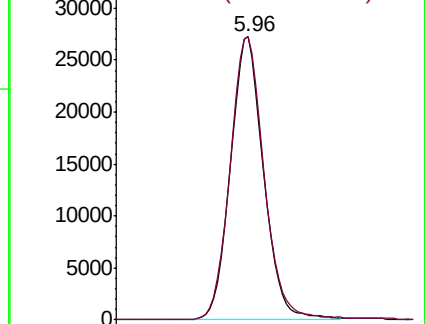
130 100

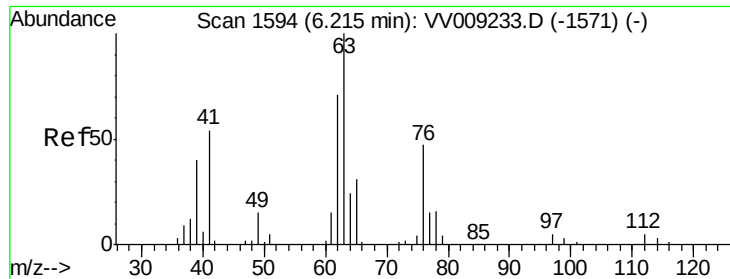
95 100.0 0.0 208.2



Abundance Ion 129.80 (129.50 to 130.50): VV009233.D (-1498) (-)

Ion 94.90 (94.60 to 95.60): VV009233.D (-1498) (-)

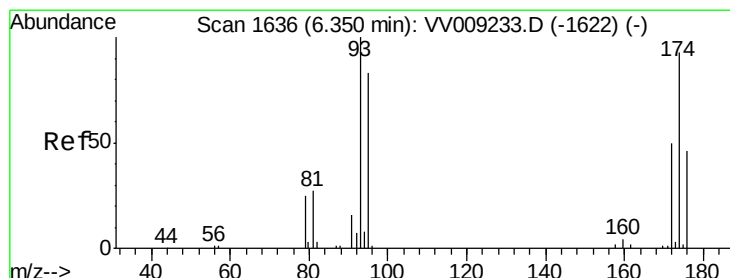
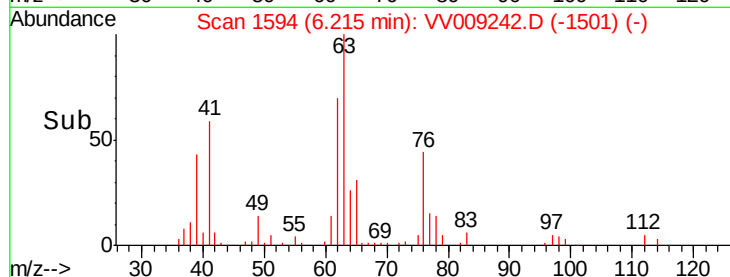
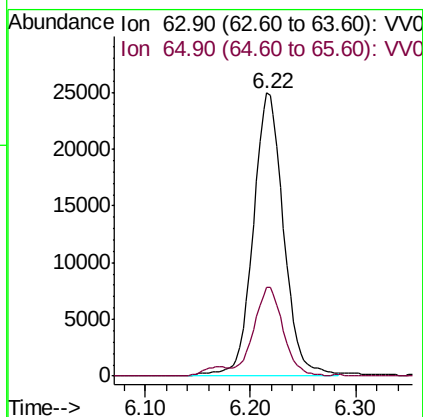
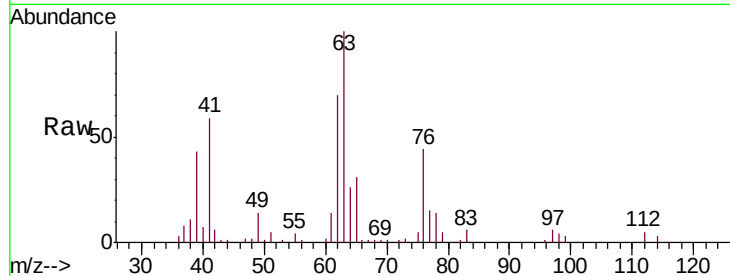




#45
 1,2-Dichloropropane
 Concen: 50.125 ug/l
 RT: 6.22 min Scan# 1594
 Delta R.T. 0.00 min
 Lab File: VV009242.D
 Acq: 22 Jan 2019 19:00

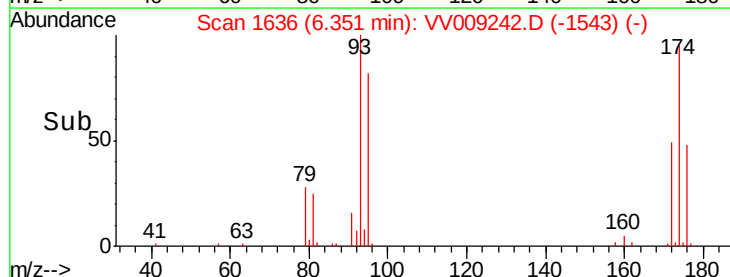
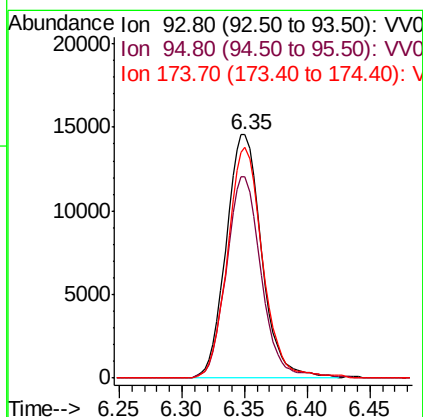
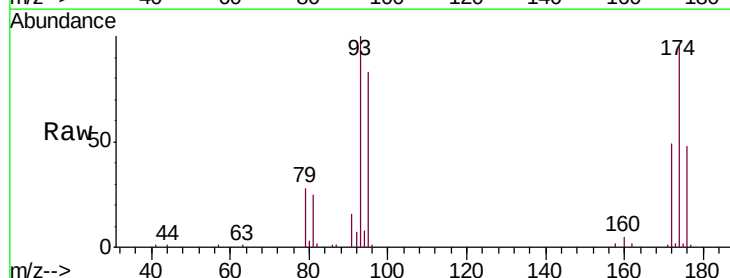
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

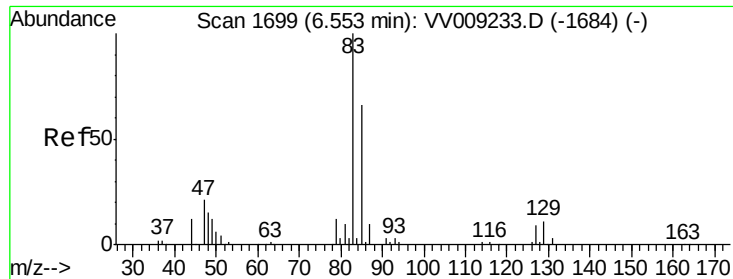
Tgt Ion: 63 Resp: 50364
 Ion Ratio Lower Upper
 63 100
 65 31.4 25.1 37.7



#46
 Dibromomethane
 Concen: 55.660 ug/l
 RT: 6.35 min Scan# 1636
 Delta R.T. 0.00 min
 Lab File: VV009242.D
 Acq: 22 Jan 2019 19:00

Tgt Ion: 93 Resp: 28697
 Ion Ratio Lower Upper
 93 100
 95 81.4 64.6 97.0
 174 92.8 74.0 111.0





#47

Bromodichloromethane

Concen: 51.014 ug/l

RT: 6.55 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VV009242.D

Acq: 22 Jan 2019 19:00

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

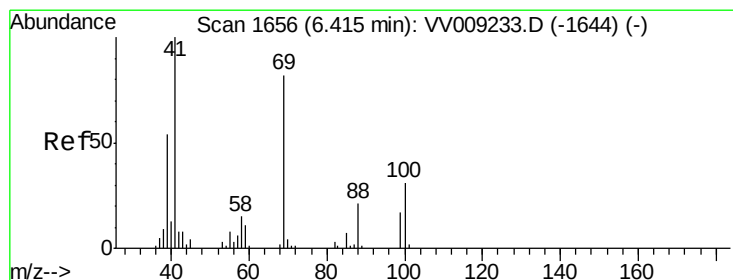
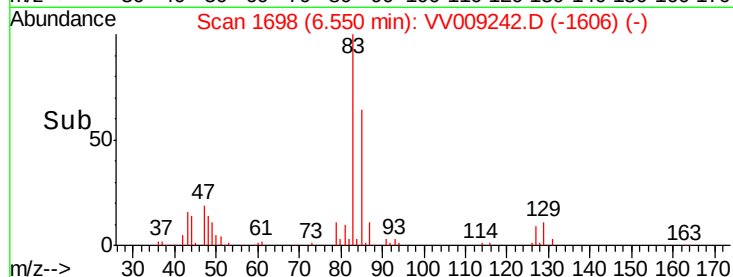
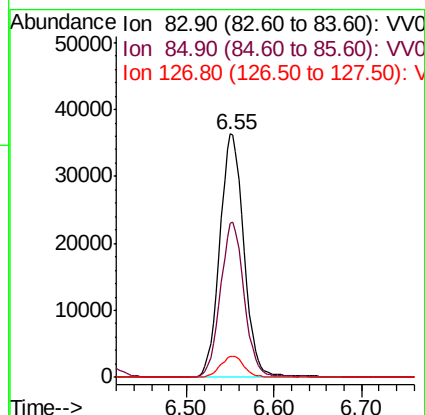
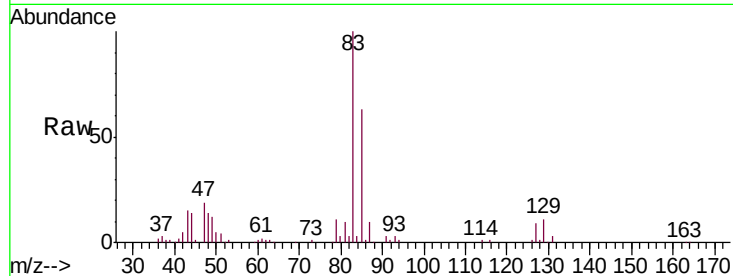
Tgt Ion: 83 Resp: 69501

Ion Ratio Lower Upper

83 100

85 63.1 52.6 78.8

127 8.5 7.0 10.6



#48

Methyl methacrylate

Concen: 60.089 ug/l

RT: 6.41 min Scan# 1656

Delta R.T. 0.00 min

Lab File: VV009242.D

Acq: 22 Jan 2019 19:00

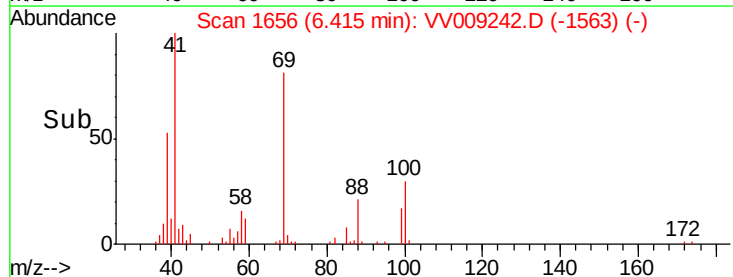
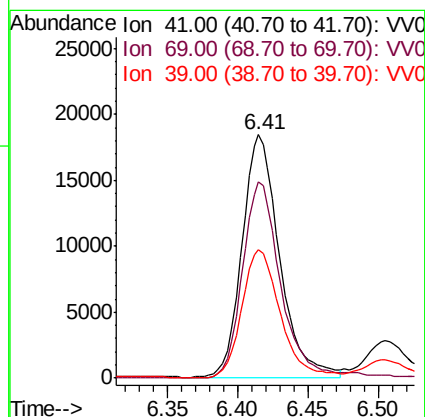
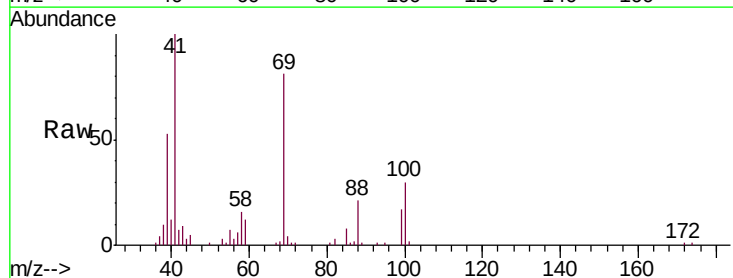
Tgt Ion: 41 Resp: 34618

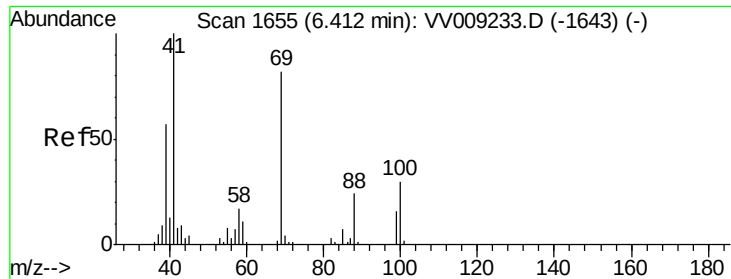
Ion Ratio Lower Upper

41 100

69 82.6 65.8 98.6

39 54.3 43.4 65.0





#49

1,4-Dioxane

Concen: 1314.198 ug/l

RT: 6.41 min Scan# 1654

Delta R.T. -0.00 min

Lab File: VV009242.D

Acq: 22 Jan 2019 19:00

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

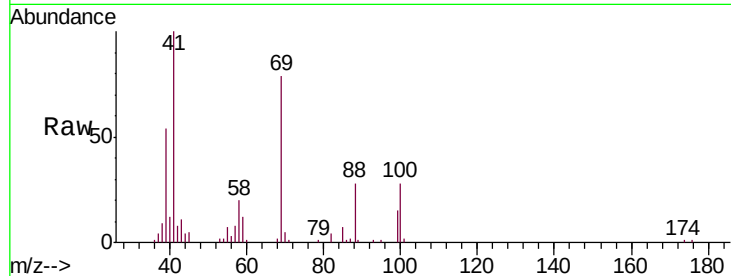
Tgt Ion: 88 Resp: 8631

Ion Ratio Lower Upper

88 100

43 39.1 31.9 47.9

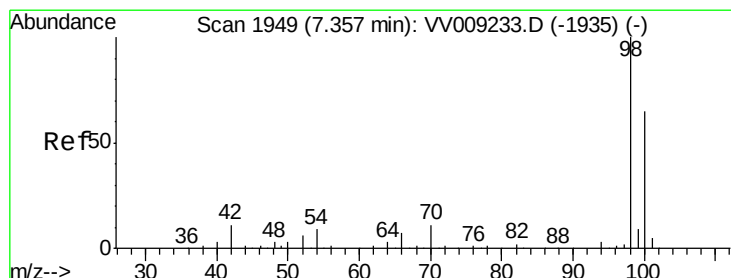
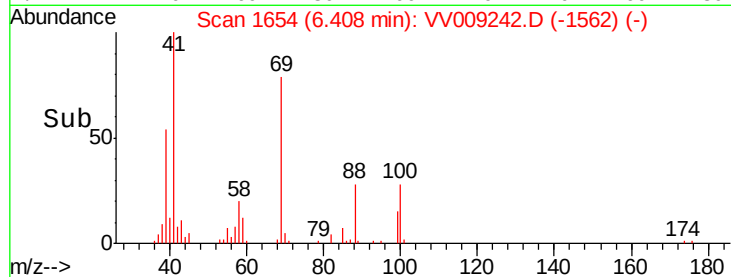
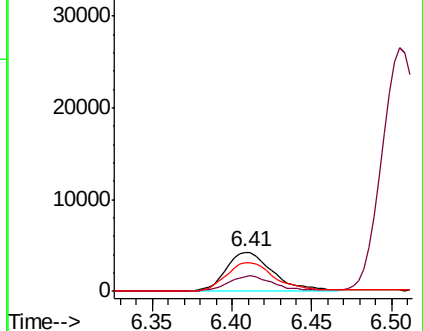
58 76.5 62.0 93.0



Abundance Ion 88.00 (87.70 to 88.70): VV009233.D (-1643) (-)

Ion 43.00 (42.70 to 43.70): VV009233.D (-1643) (-)

Ion 58.00 (57.70 to 58.70): VV009233.D (-1643) (-)



#50

Toluene-d8

Concen: 50.983 ug/l

RT: 7.36 min Scan# 1949

Delta R.T. 0.00 min

Lab File: VV009242.D

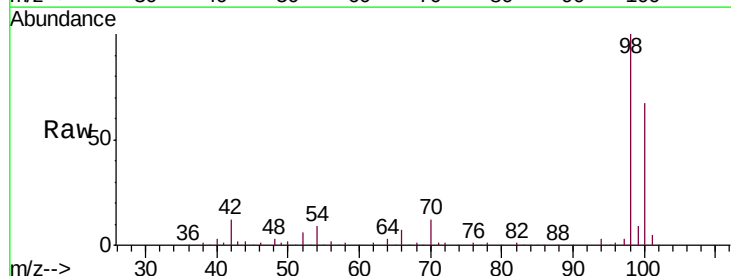
Acq: 22 Jan 2019 19:00

Tgt Ion: 98 Resp: 173689

Ion Ratio Lower Upper

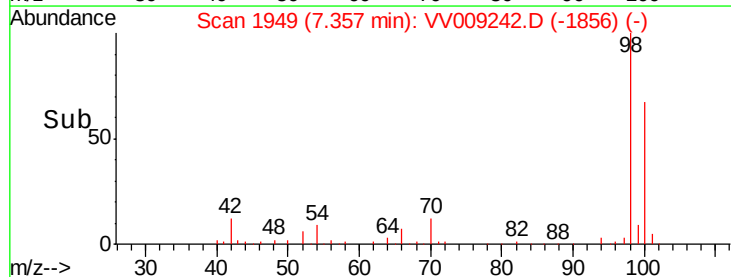
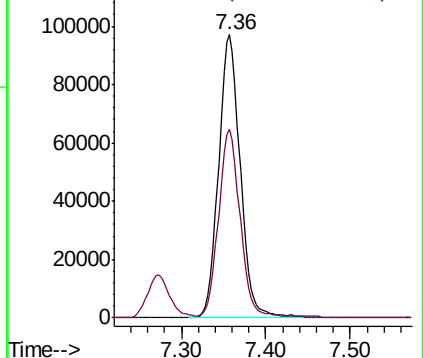
98 100

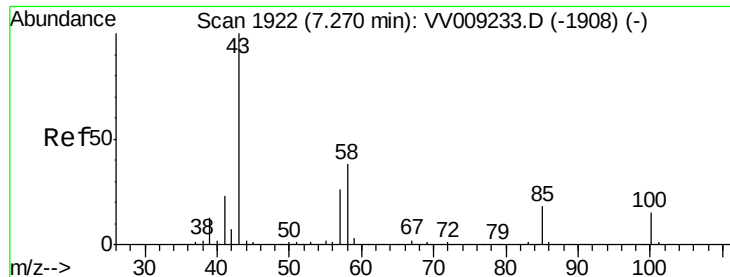
100 66.0 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VV009233.D (-1935) (-)

Ion 100.00 (99.70 to 100.70): VV009233.D (-1935) (-)





#51

4-Methyl-2-Pentanone

Concen: 311.178 ug/l

RT: 7.27 min Scan# 1922

Delta R.T. 0.00 min

Lab File: VV009242.D

Acq: 22 Jan 2019 19:00

Instrument :

MSVOA_V

ClientSampleId :

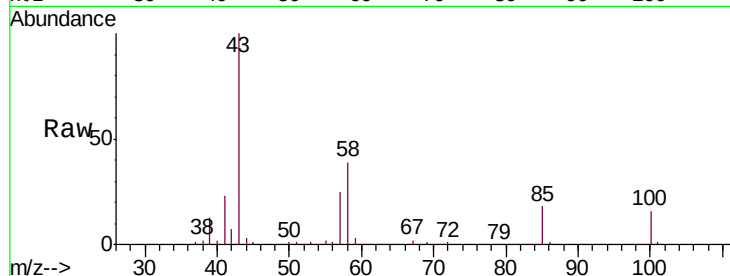
VSTDCCC050EC

Tgt Ion: 43 Resp: 178297

Ion Ratio Lower Upper

43 100

58 38.3 30.4 45.6



Abundance Ion 43.00 (42.70 to 43.70): VV009233.D (-1908) (-)

Ion 58.00 (57.70 to 58.70): VV009233.D (-1908) (-)

7.27

100000

80000

60000

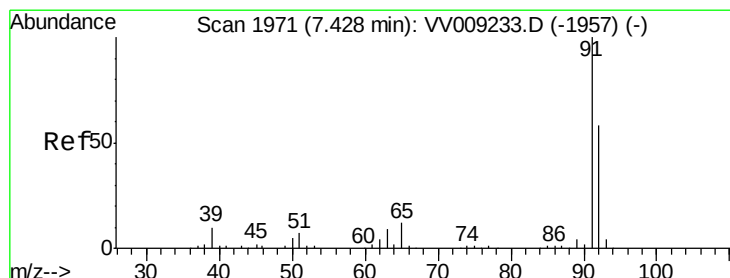
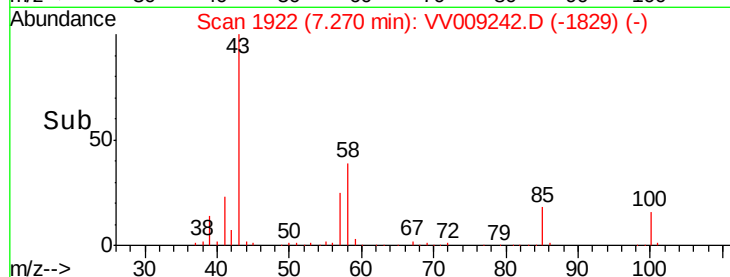
40000

20000

0

7.20 7.30 7.40

Time-->



#52

Toluene

Concen: 48.663 ug/l

RT: 7.43 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VV009242.D

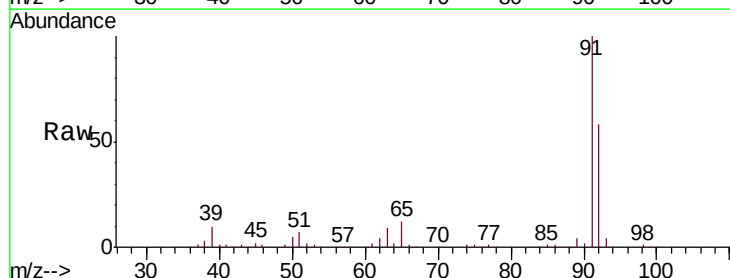
Acq: 22 Jan 2019 19:00

Tgt Ion: 92 Resp: 128585

Ion Ratio Lower Upper

92 100

91 173.5 137.2 205.8



Abundance Ion 92.00 (91.70 to 92.70): VV009233.D (-1957) (-)

Ion 91.00 (90.70 to 91.70): VV009233.D (-1957) (-)

7.43

150000

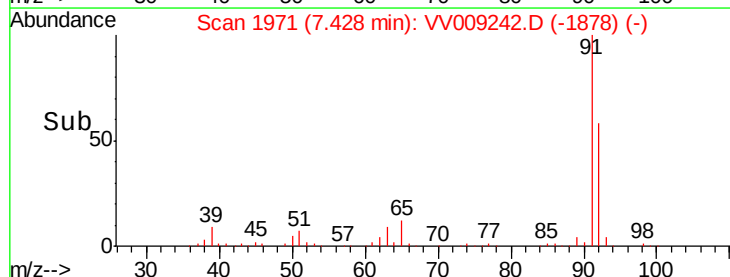
100000

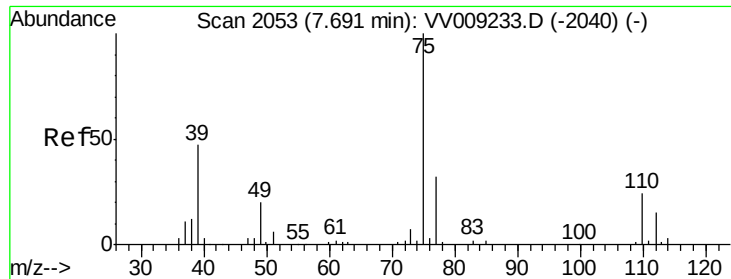
50000

0

7.35 7.40 7.45 7.50 7.55

Time-->





#53

t-1,3-Dichloropropene

Concen: 53.296 ug/l

RT: 7.69 min Scan# 2053

Delta R.T. 0.00 min

Lab File: VV009242.D

Acq: 22 Jan 2019 19:00

Instrument :

MSVOA_V

ClientSampleId :

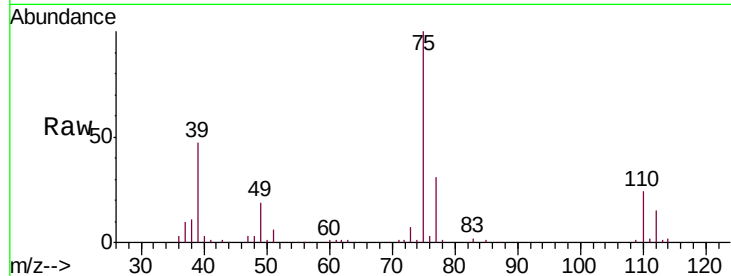
VSTDCCC050EC

Tgt Ion: 75 Resp: 70671

Ion Ratio Lower Upper

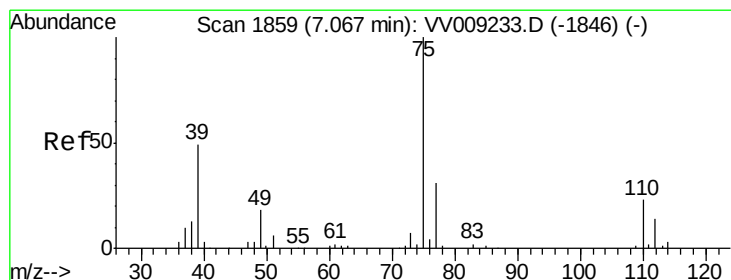
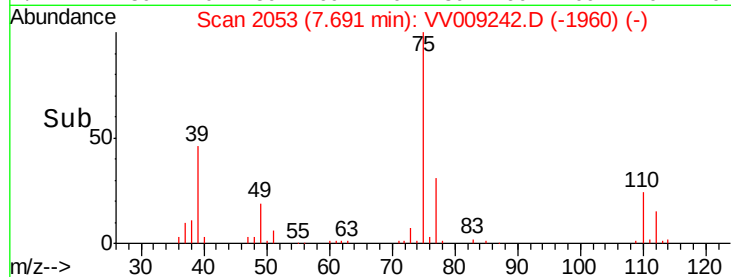
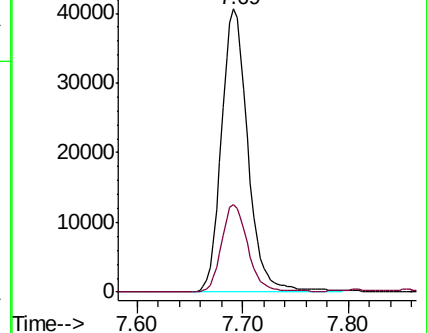
75 100

77 30.9 25.8 38.8



Abundance Ion 74.90 (74.60 to 75.60): VV0

Ion 76.90 (76.60 to 77.60): VV0



#54

cis-1,3-Dichloropropene

Concen: 51.938 ug/l

RT: 7.07 min Scan# 1859

Delta R.T. 0.00 min

Lab File: VV009242.D

Acq: 22 Jan 2019 19:00

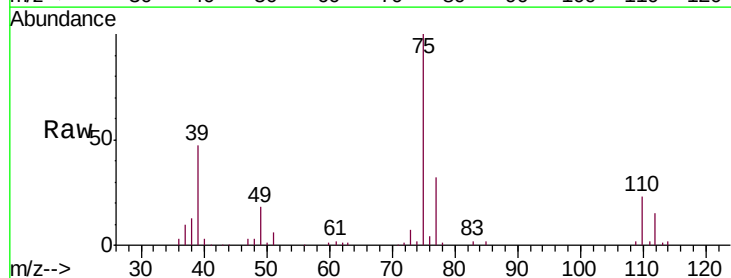
Tgt Ion: 75 Resp: 79302

Ion Ratio Lower Upper

75 100

77 32.0 25.1 37.7

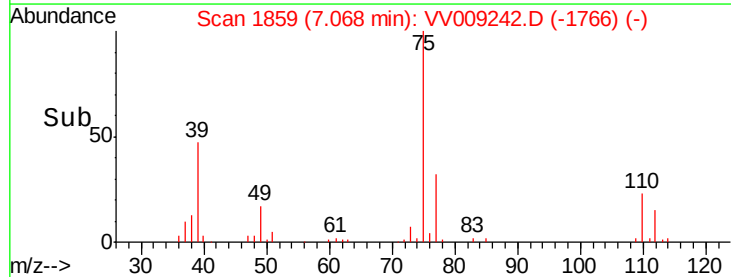
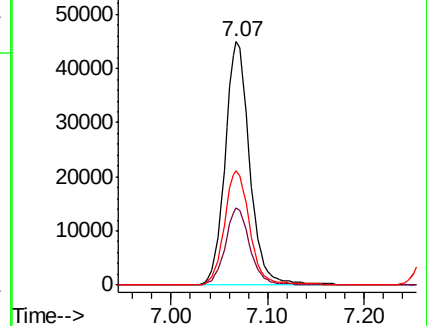
39 47.0 38.8 58.2

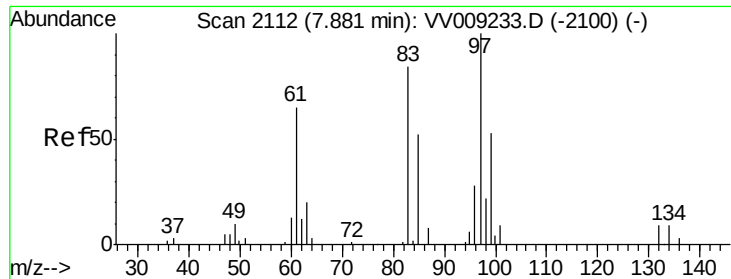


Abundance Ion 74.90 (74.60 to 75.60): VV0

Ion 76.90 (76.60 to 77.60): VV0

Ion 39.00 (38.70 to 39.70): VV0

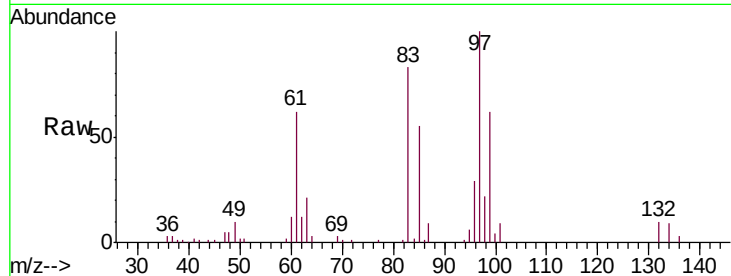




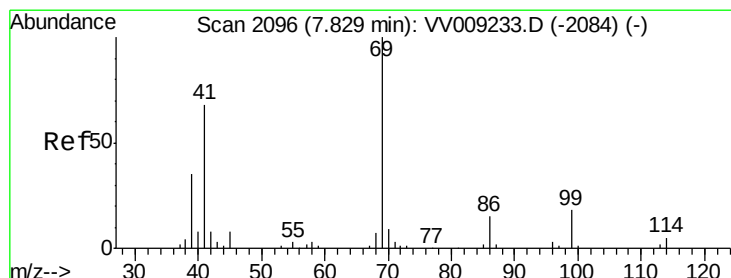
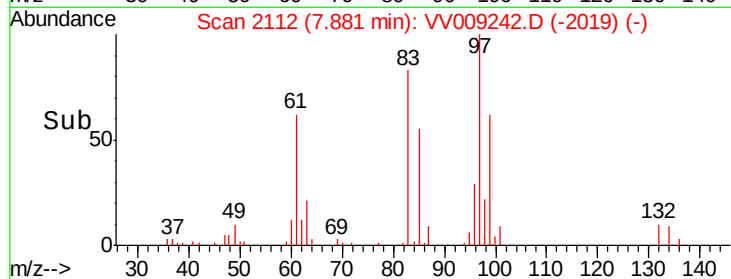
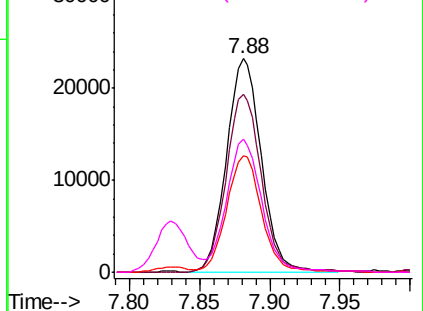
#55
 1,1,2-Trichloroethane
 Concen: 55.249 ug/l
 RT: 7.88 min Scan# 2112
 Delta R.T. 0.00 min
 Lab File: VV009242.D
 Acq: 22 Jan 2019 19:00

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	97	Resp:	40134
Ion	Ratio	Lower	Upper
97	100		
83	83.3	67.4	101.0
85	54.2	42.6	64.0
99	61.8	51.1	76.7

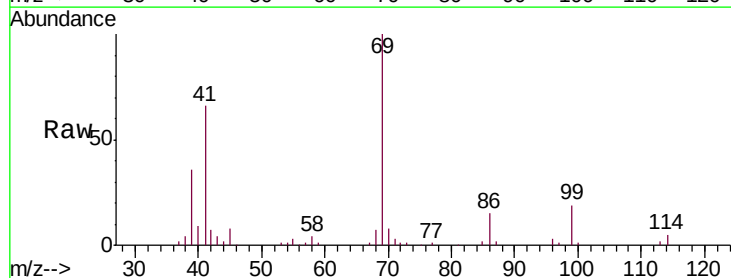


Abundance Ion 96.90 (96.60 to 97.60): VV0
 Ion 82.90 (82.60 to 83.60): VV0
 Ion 84.90 (84.60 to 85.60): VV0
 Ion 98.90 (98.60 to 99.60): VV0

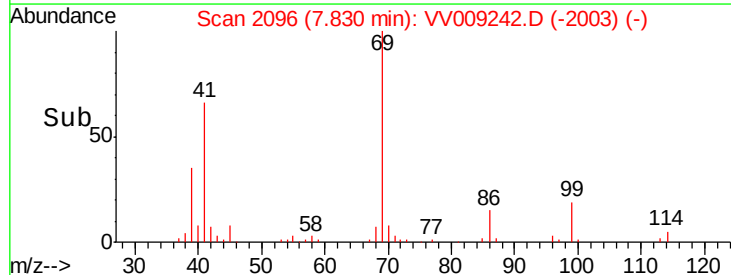
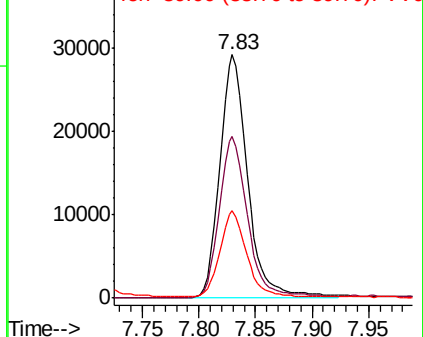


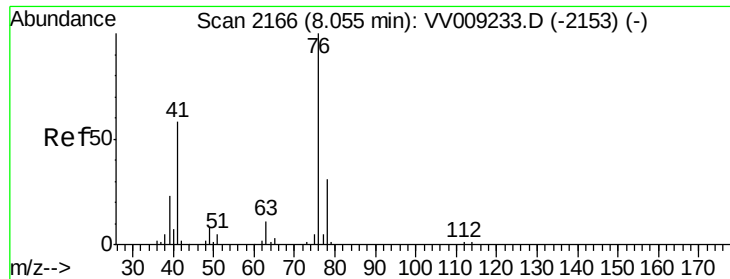
#56
 Ethyl methacrylate
 Concen: 59.414 ug/l
 RT: 7.83 min Scan# 2096
 Delta R.T. 0.00 min
 Lab File: VV009242.D
 Acq: 22 Jan 2019 19:00

Tgt Ion:	69	Resp:	50284
Ion	Ratio	Lower	Upper
69	100		
41	68.1	54.0	81.0
39	33.9	26.8	40.2



Abundance Ion 69.00 (68.70 to 69.70): VV0
 Ion 41.00 (40.70 to 41.70): VV0
 Ion 39.00 (38.70 to 39.70): VV0

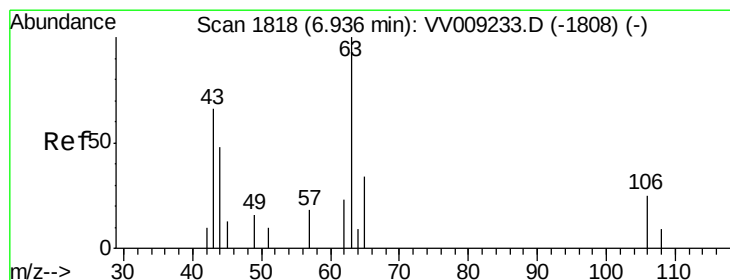
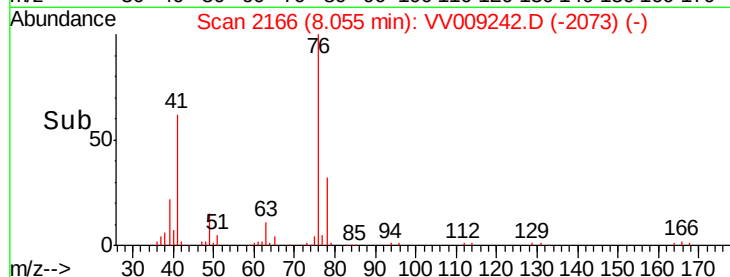
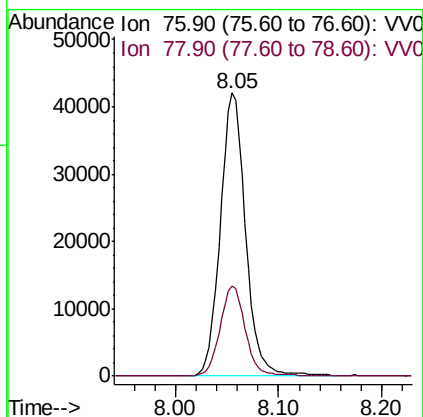
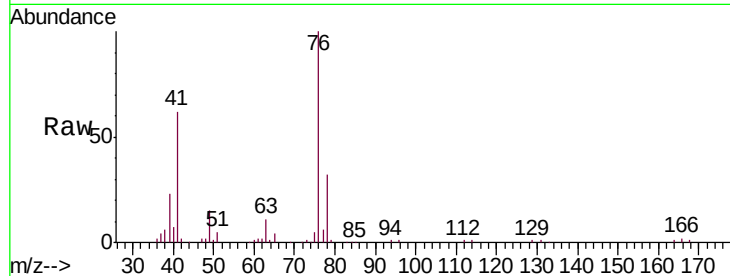




#57
 1,3-Dichloropropane
 Concen: 54.537 ug/l
 RT: 8.05 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: VV009242.D
 Acq: 22 Jan 2019 19:00

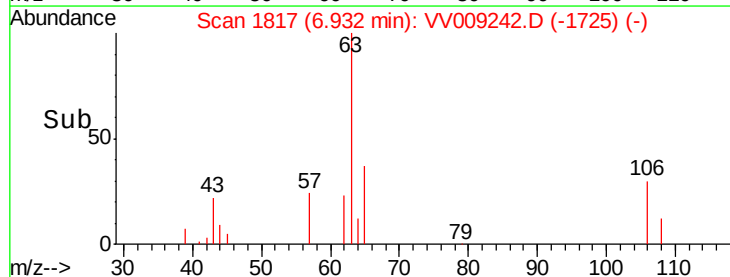
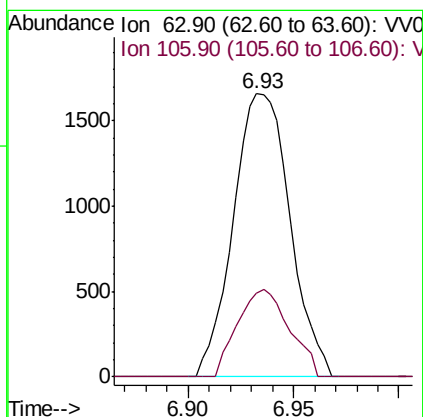
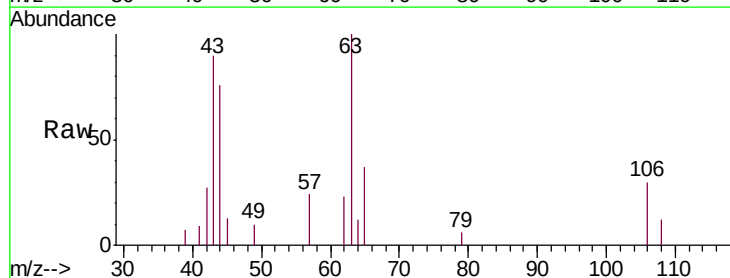
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

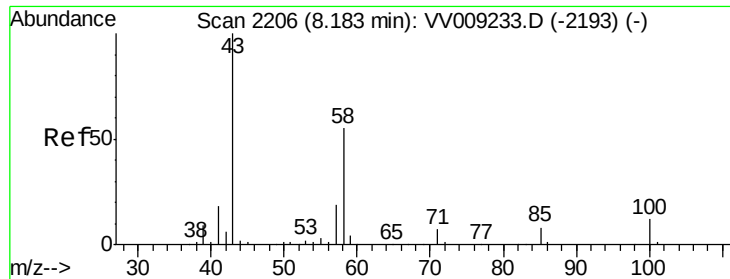
Tgt Ion: 76 Resp: 71728
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 234.012 ug/l
 RT: 6.93 min Scan# 1817
 Delta R.T. -0.00 min
 Lab File: VV009242.D
 Acq: 22 Jan 2019 19:00

Tgt Ion: 63 Resp: 3095
 Ion Ratio Lower Upper
 63 100
 106 28.3 19.0 28.6

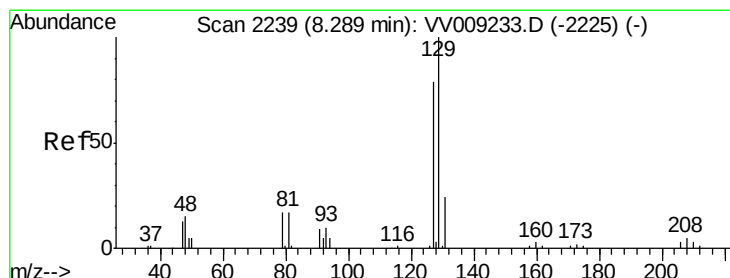
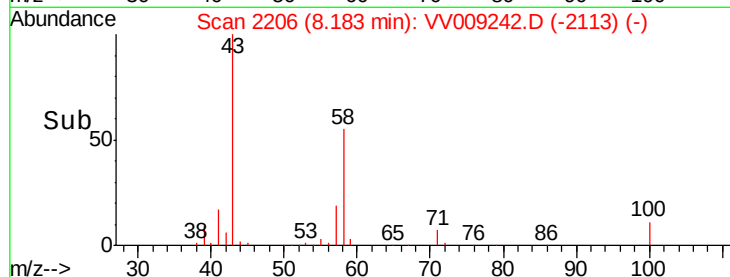
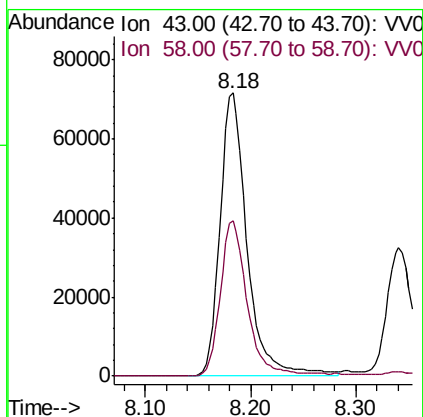
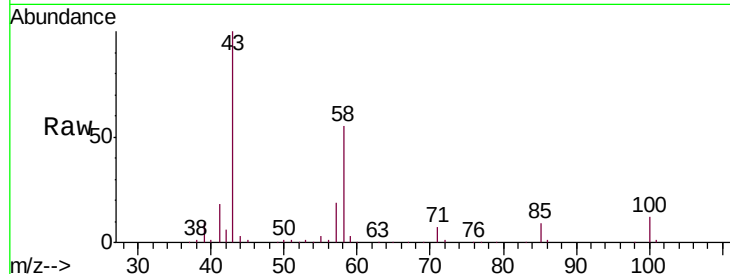




#59
2-Hexanone
Concen: 307.343 ug/l
RT: 8.18 min Scan# 2206
Delta R.T. 0.00 min
Lab File: VV009242.D
Acq: 22 Jan 2019 19:00

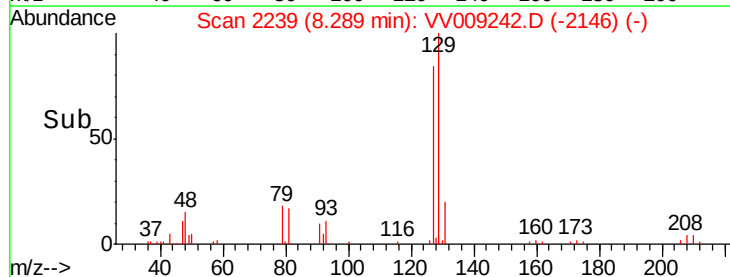
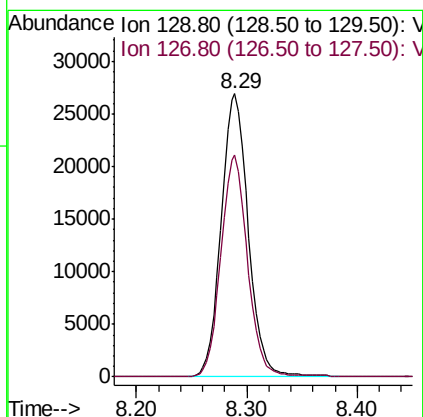
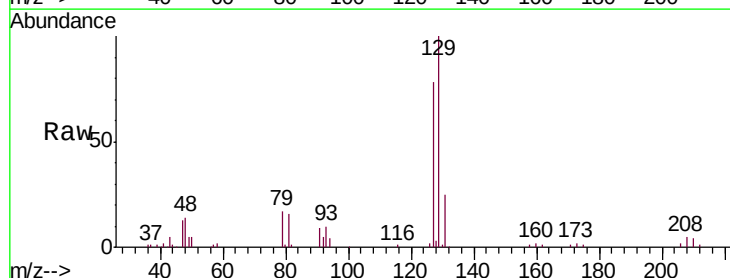
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

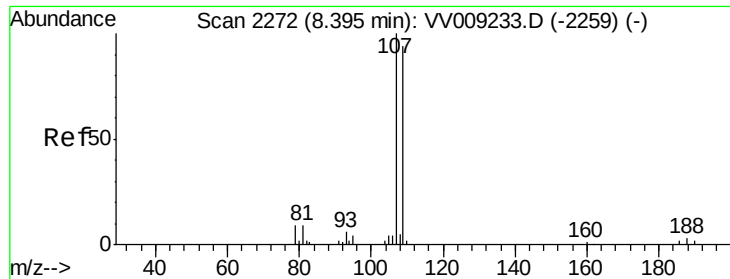
Tgt Ion: 43 Resp: 127370
Ion Ratio Lower Upper
43 100
58 54.8 27.5 82.5



#60
Dibromochloromethane
Concen: 54.056 ug/l
RT: 8.29 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VV009242.D
Acq: 22 Jan 2019 19:00

Tgt Ion: 129 Resp: 45977
Ion Ratio Lower Upper
129 100
127 76.5 38.8 116.4





#61

1,2-Dibromoethane

Concen: 56.147 ug/l

RT: 8.40 min Scan# 2272

Delta R.T. 0.00 min

Lab File: VV009242.D

Acq: 22 Jan 2019 19:00

Instrument :

MSVOA_V

ClientSampleId :

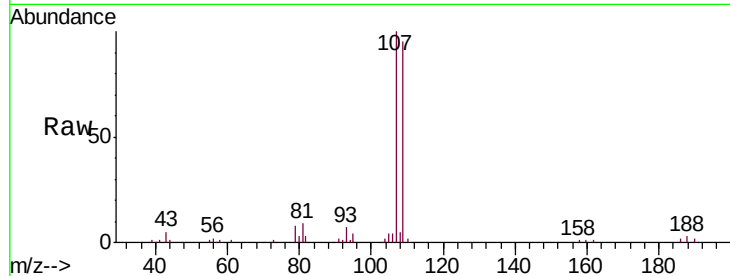
VSTDCCC050EC

Tgt Ion: 107 Resp: 39886

Ion Ratio Lower Upper

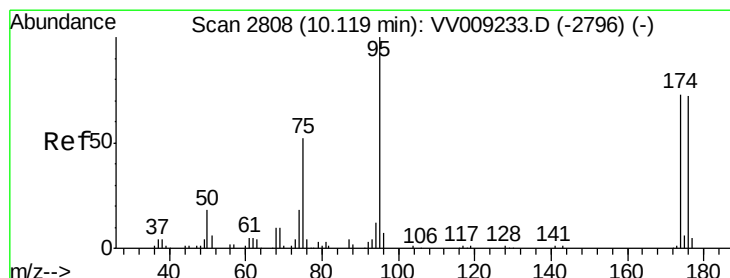
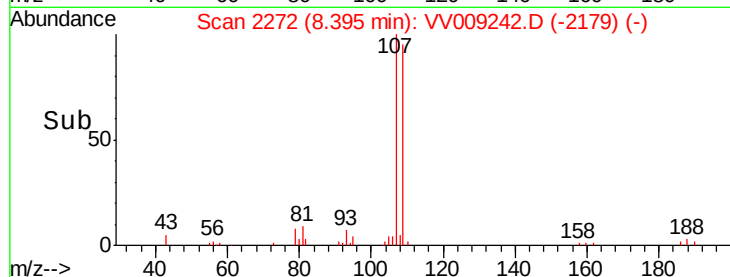
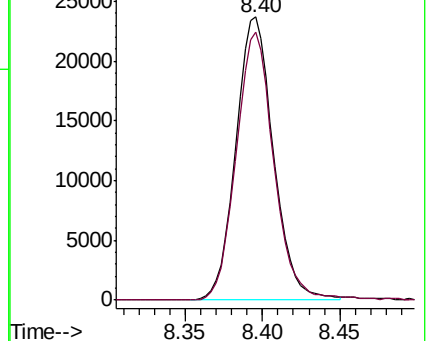
107 100

109 94.7 76.2 114.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.479 ug/l

RT: 10.12 min Scan# 2808

Delta R.T. 0.00 min

Lab File: VV009242.D

Acq: 22 Jan 2019 19:00

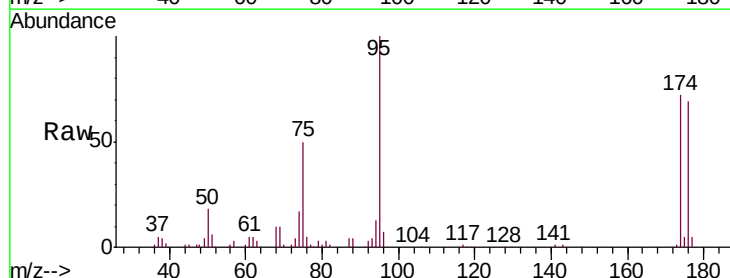
Tgt Ion: 95 Resp: 66085

Ion Ratio Lower Upper

95 100

174 72.6 0.0 148.2

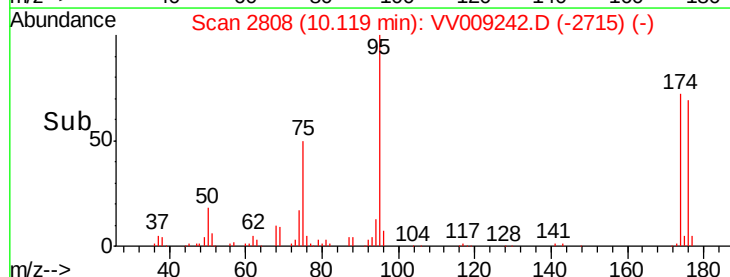
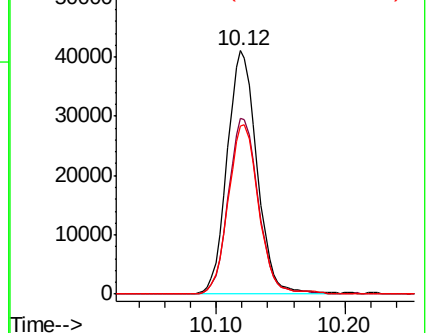
176 70.8 0.0 143.0

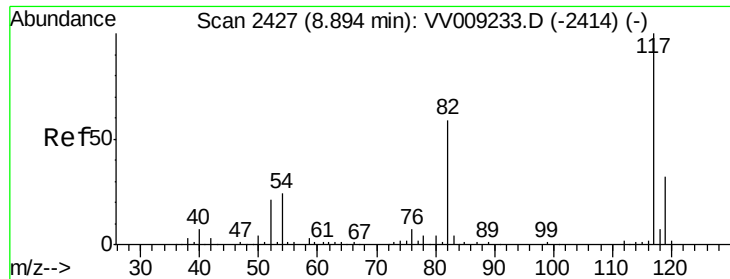


Abundance Ion 94.90 (94.60 to 95.60): VV0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

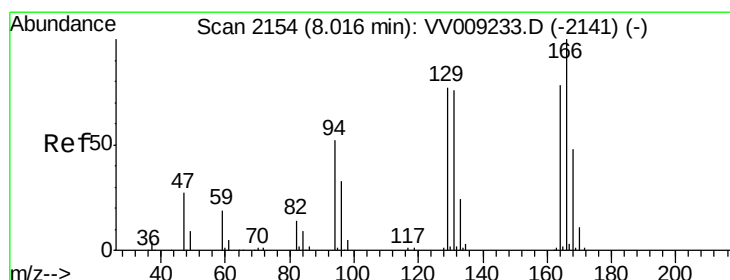
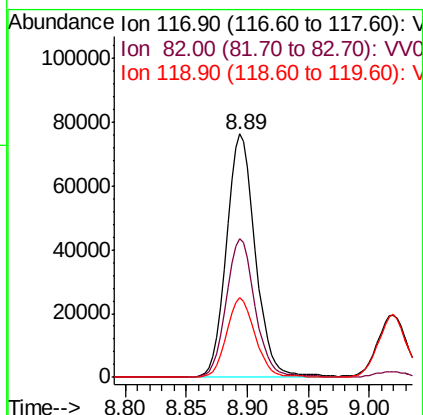
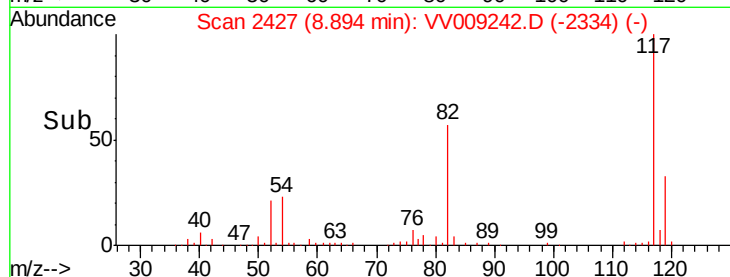
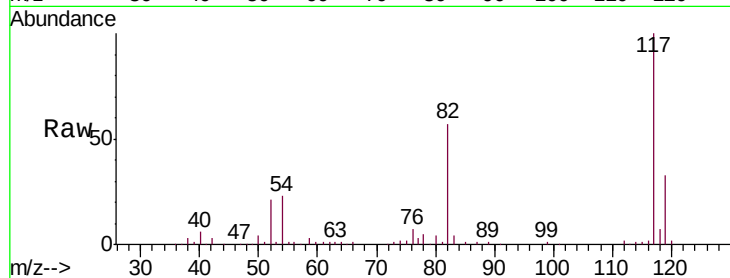




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.89 min Scan# 2427
Delta R.T. 0.00 min
Lab File: VV009242.D
Acq: 22 Jan 2019 19:00

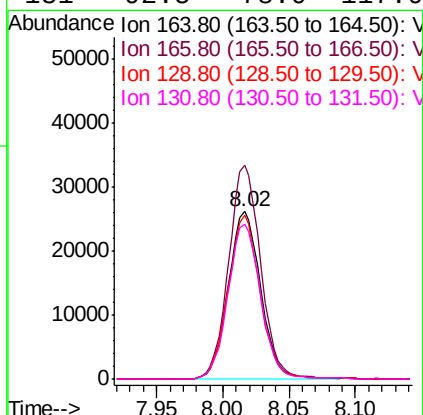
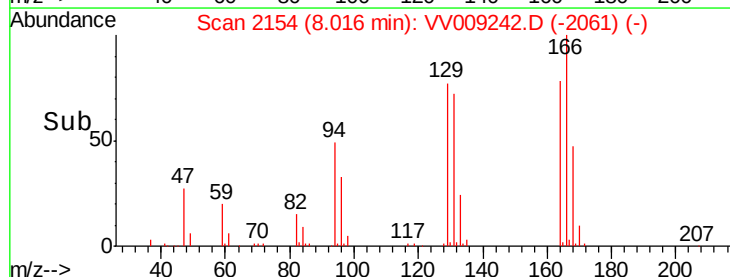
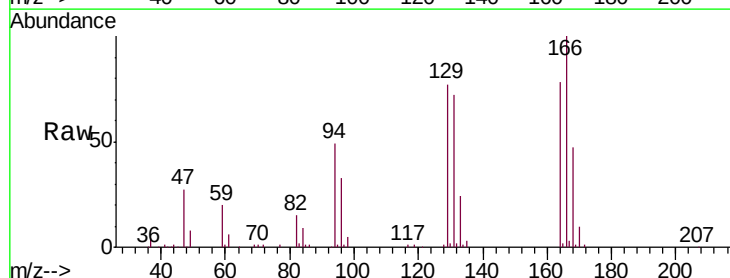
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

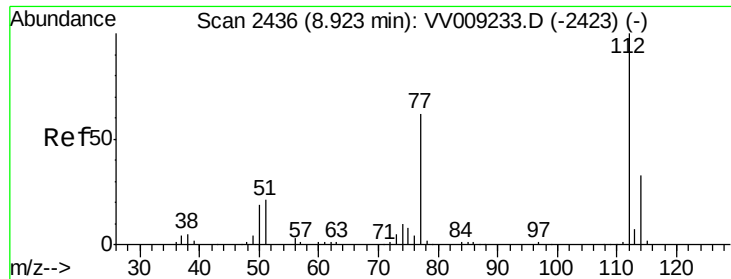
Tgt Ion:117 Resp: 126762
Ion Ratio Lower Upper
117 100
82 57.2 47.0 70.6
119 32.7 25.4 38.2



#64
Tetrachloroethene
Concen: 49.663 ug/l
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV009242.D
Acq: 22 Jan 2019 19:00

Tgt Ion:164 Resp: 44799
Ion Ratio Lower Upper
164 100
166 127.7 102.1 153.1
129 97.9 78.1 117.1
131 92.5 78.0 117.0

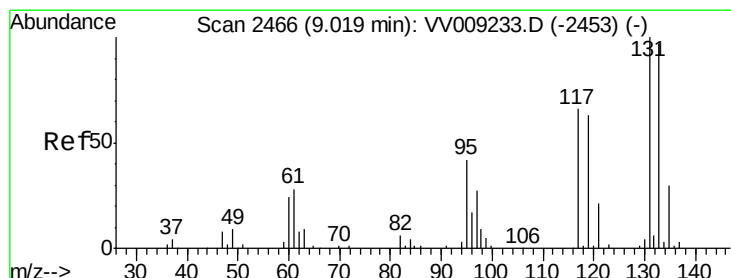
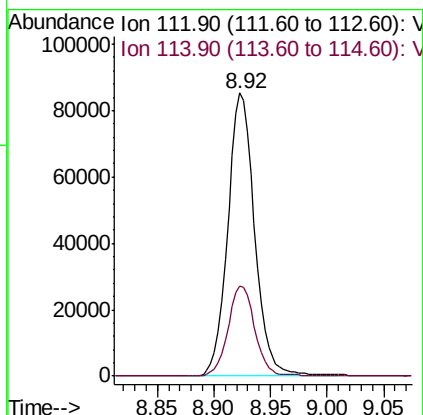
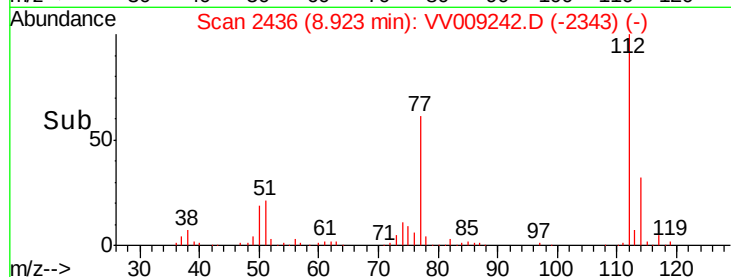
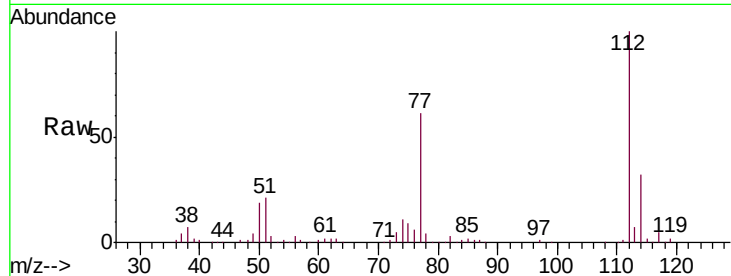




#65
Chlorobenzene
Concen: 47.908 ug/l
RT: 8.92 min Scan# 2436
Delta R.T. 0.00 min
Lab File: VV009242.D
Acq: 22 Jan 2019 19:00

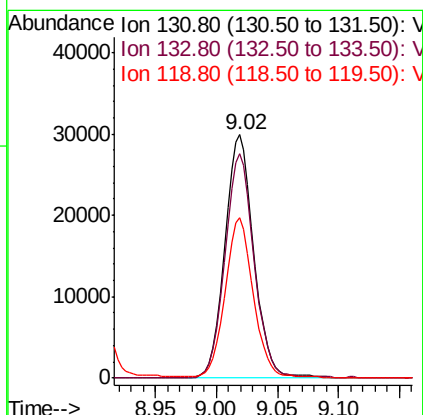
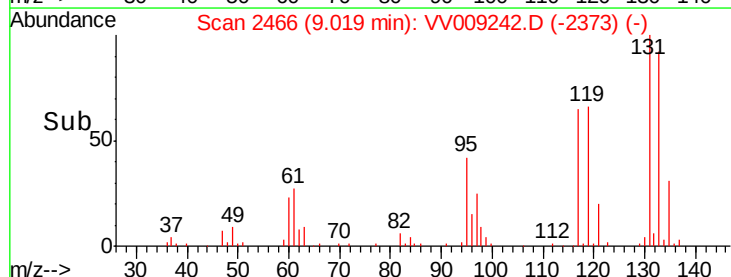
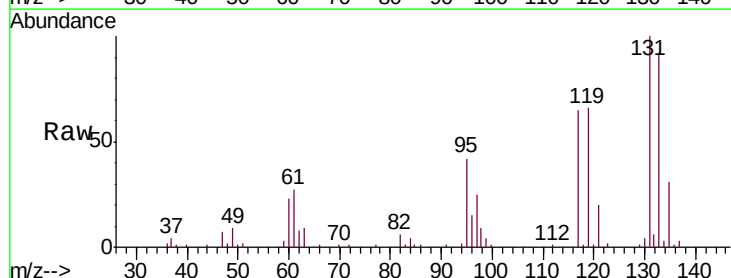
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

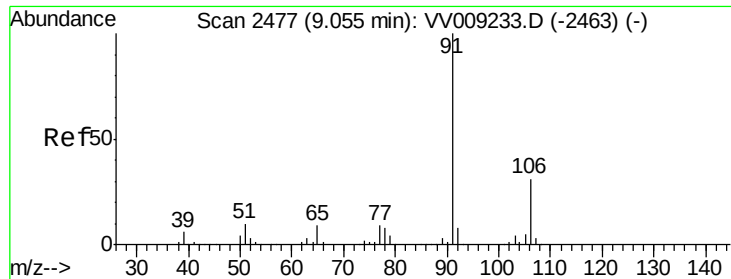
Tgt Ion:112 Resp: 141283
Ion Ratio Lower Upper
112 100
114 31.8 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 49.094 ug/l
RT: 9.02 min Scan# 2466
Delta R.T. 0.00 min
Lab File: VV009242.D
Acq: 22 Jan 2019 19:00

Tgt Ion:131 Resp: 49481
Ion Ratio Lower Upper
131 100
133 93.2 48.3 144.9
119 65.1 31.2 93.6

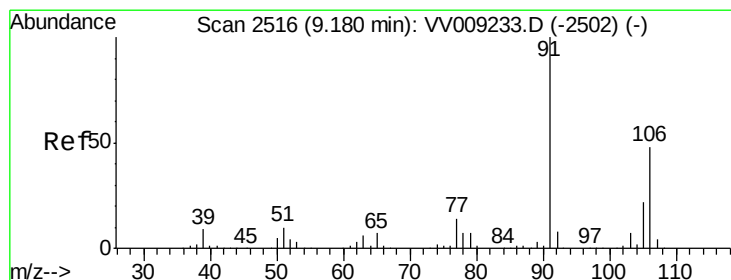
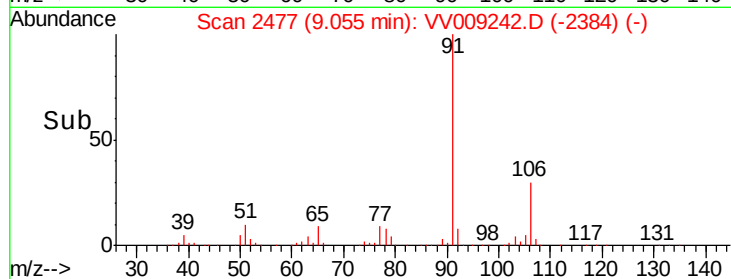
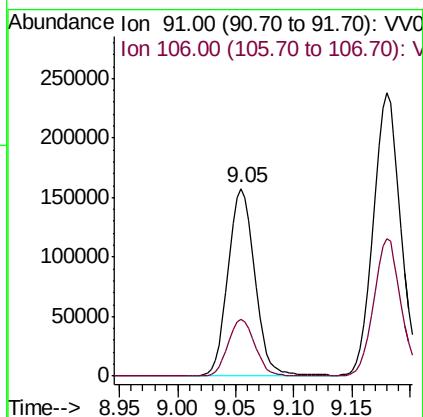
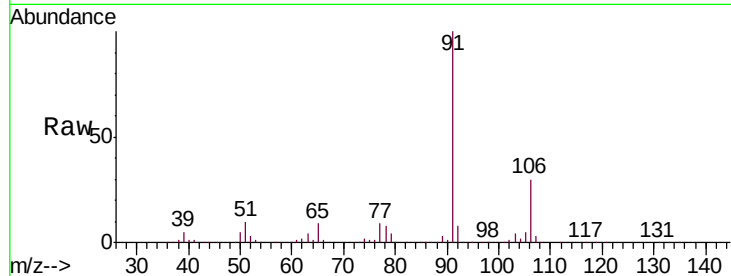




#67
 Ethyl Benzene
 Concen: 48.012 ug/l
 RT: 9.05 min Scan# 2477
 Delta R.T. 0.00 min
 Lab File: VV009242.D
 Acq: 22 Jan 2019 19:00

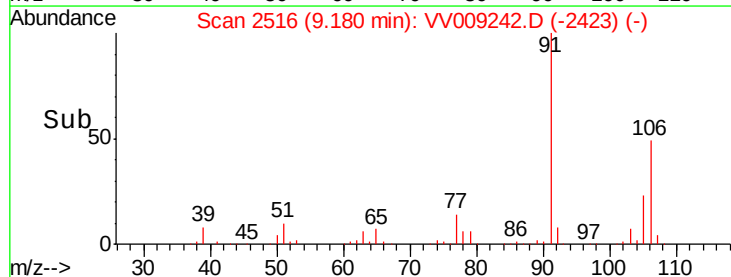
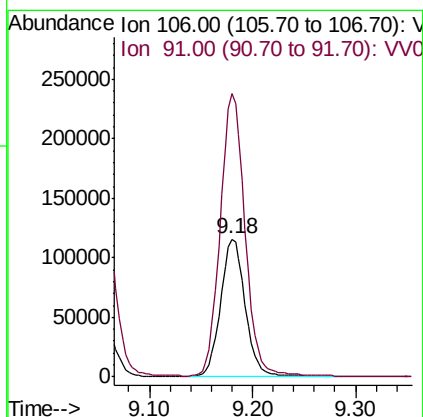
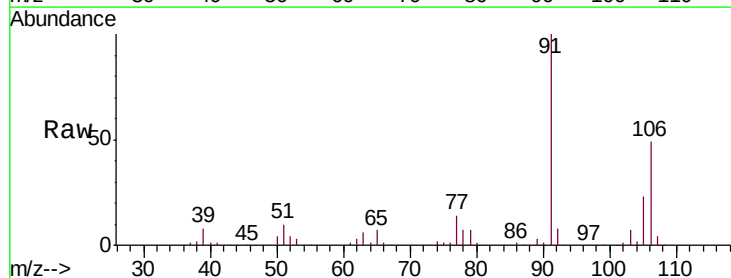
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

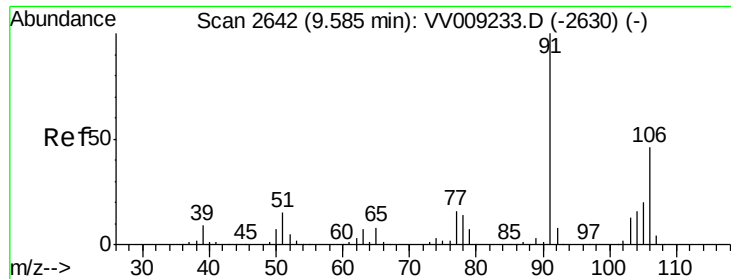
Tgt Ion: 91 Resp: 252246
 Ion Ratio Lower Upper
 91 100
 106 30.4 24.6 37.0



#68
 m/p-Xylenes
 Concen: 95.684 ug/l
 RT: 9.18 min Scan# 2516
 Delta R.T. 0.00 min
 Lab File: VV009242.D
 Acq: 22 Jan 2019 19:00

Tgt Ion: 106 Resp: 190845
 Ion Ratio Lower Upper
 106 100
 91 207.8 167.1 250.7

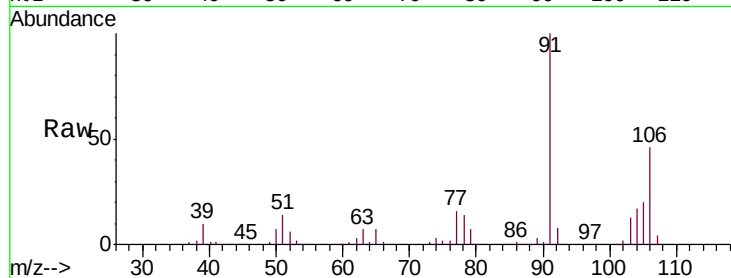




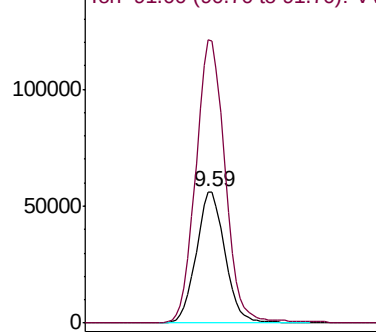
#69
o-Xylene
Concen: 48.577 ug/l
RT: 9.59 min Scan# 2642
Delta R.T. 0.00 min
Lab File: VV009242.D
Acq: 22 Jan 2019 19:00

Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

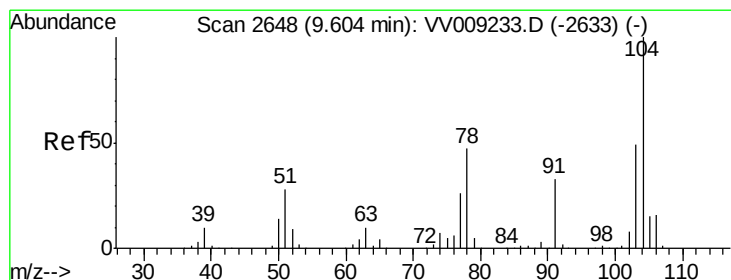
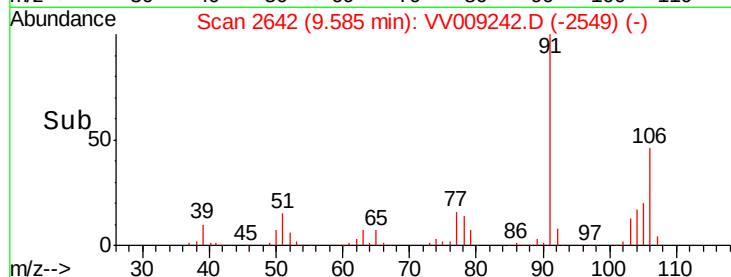
Tgt Ion:106 Resp: 89828
Ion Ratio Lower Upper
106 100
91 219.0 109.3 327.8



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VV0

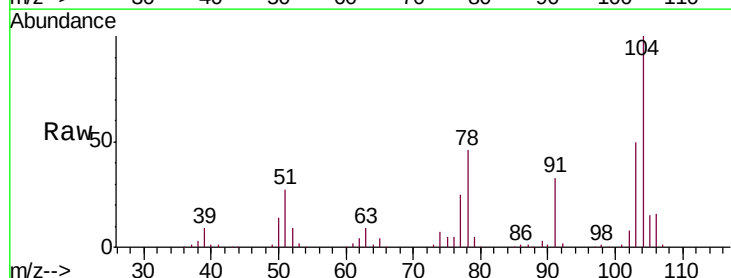


Time-->

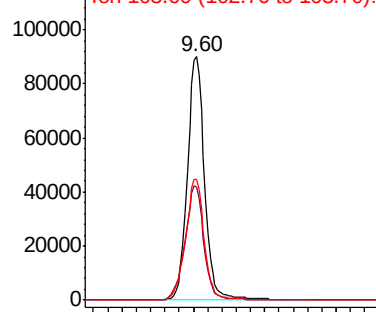


#70
Styrene
Concen: 50.940 ug/l
RT: 9.60 min Scan# 2648
Delta R.T. 0.00 min
Lab File: VV009242.D
Acq: 22 Jan 2019 19:00

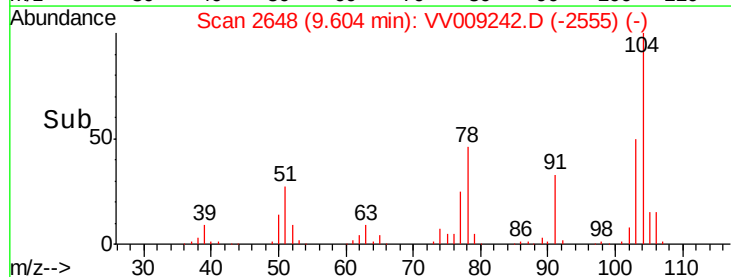
Tgt Ion:104 Resp: 150334
Ion Ratio Lower Upper
104 100
78 51.5 43.1 64.7
103 54.1 43.8 65.8

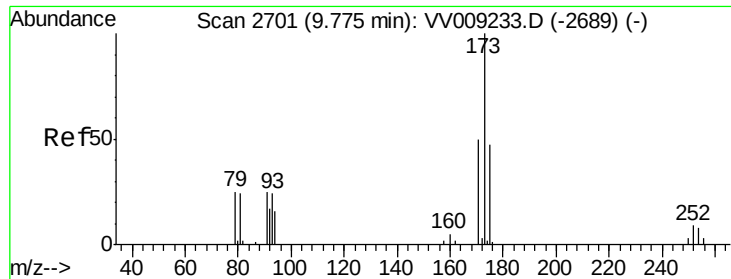


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VV0
Ion 103.00 (102.70 to 103.70): V



Time-->

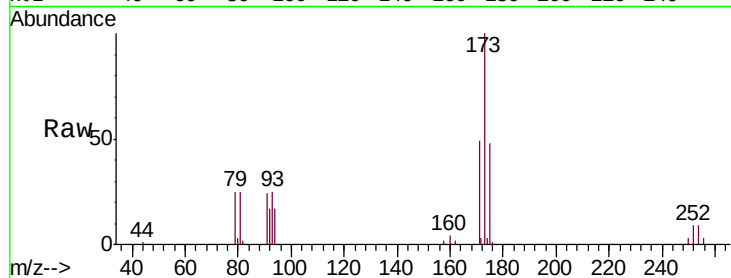




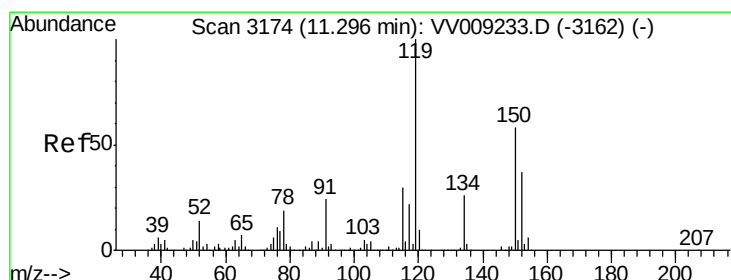
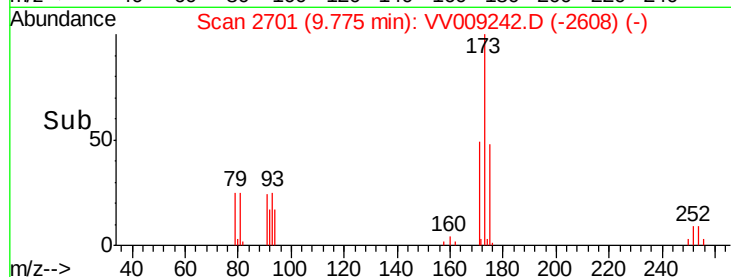
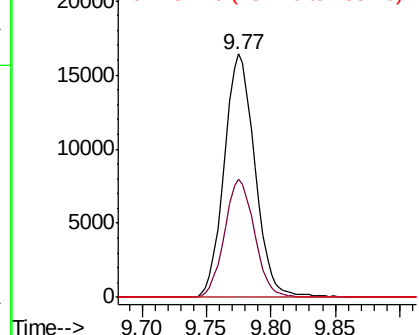
#71
Bromoform
Concen: 57.011 ug/l
RT: 9.77 min Scan# 2701
Delta R.T. 0.00 min
Lab File: VV009242.D
Acq: 22 Jan 2019 19:00

Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

Tgt Ion:173 Resp: 27096
Ion Ratio Lower Upper
173 100
175 47.2 23.4 70.0
254 0.0 0.0 0.0

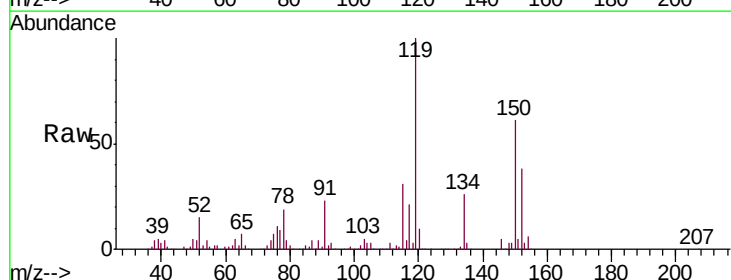


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

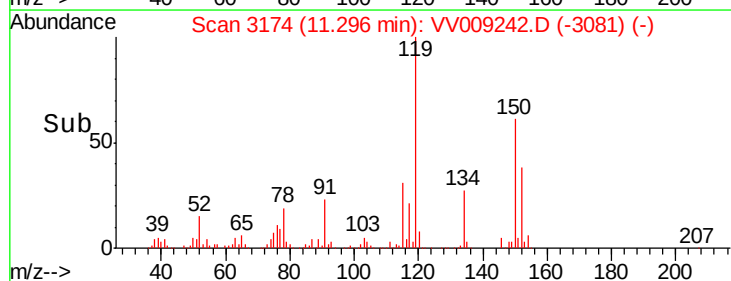
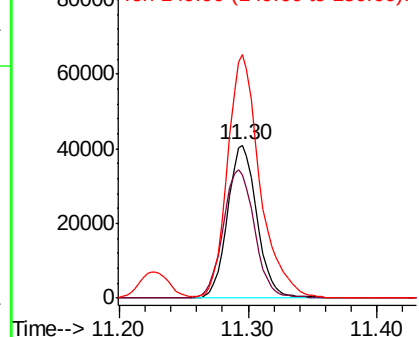


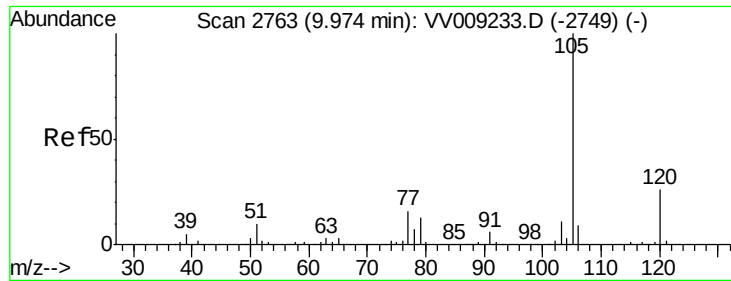
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.30 min Scan# 3174
Delta R.T. 0.00 min
Lab File: VV009242.D
Acq: 22 Jan 2019 19:00

Tgt Ion:152 Resp: 64709
Ion Ratio Lower Upper
152 100
115 89.8 45.0 134.8
150 176.2 0.0 346.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.669 ug/l

RT: 9.97 min Scan# 2763

Delta R.T. 0.00 min

Lab File: VV009242.D

Acq: 22 Jan 2019 19:00

Instrument :

MSVOA_V

ClientSampleId :

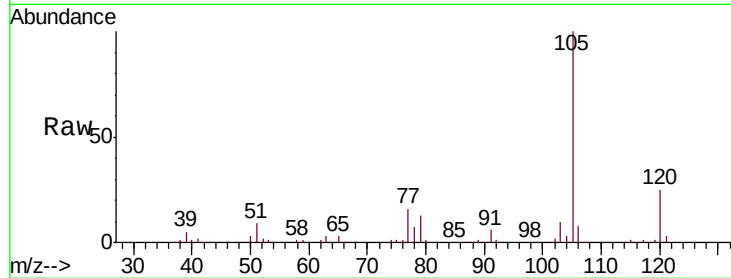
VSTDCCC050EC

Tgt Ion: 105 Resp: 254719

Ion Ratio Lower Upper

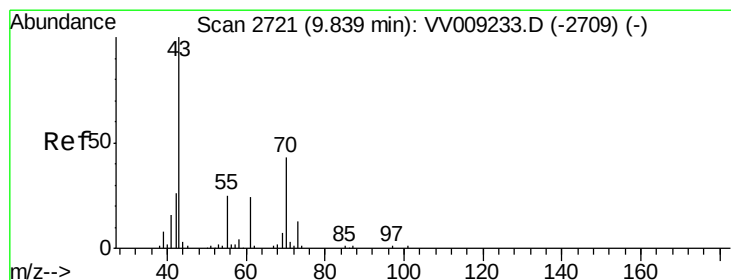
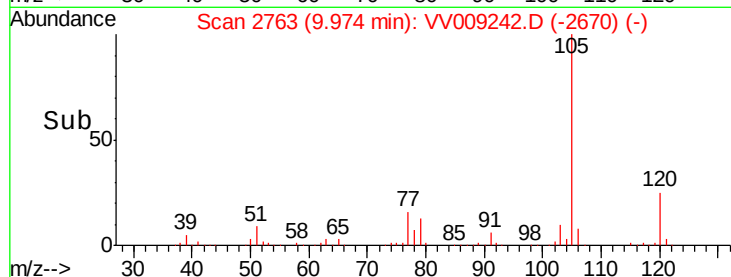
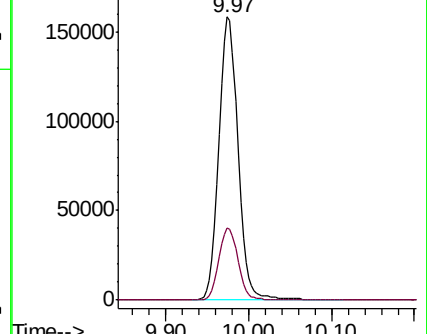
105 100

120 25.7 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 58.538 ug/l

RT: 9.84 min Scan# 2720

Delta R.T. -0.00 min

Lab File: VV009242.D

Acq: 22 Jan 2019 19:00

Tgt Ion: 43 Resp: 57842

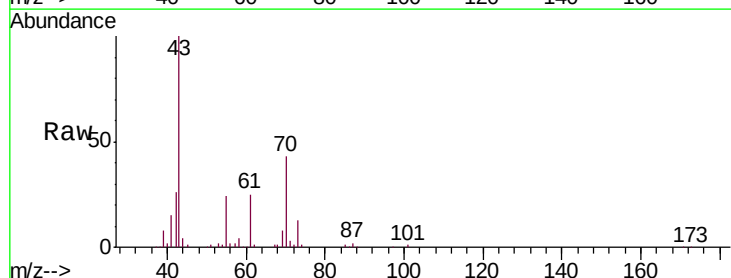
Ion Ratio Lower Upper

43 100

70 40.5 33.0 49.6

55 24.2 18.7 28.1

61 23.5 18.0 27.0

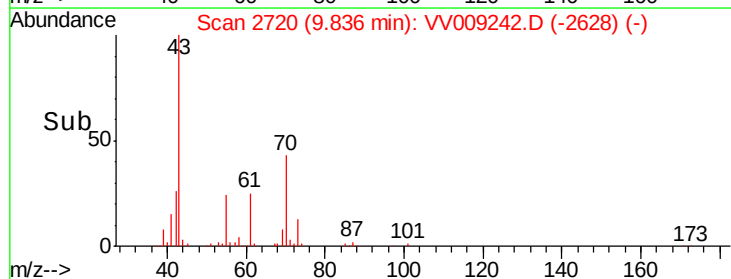
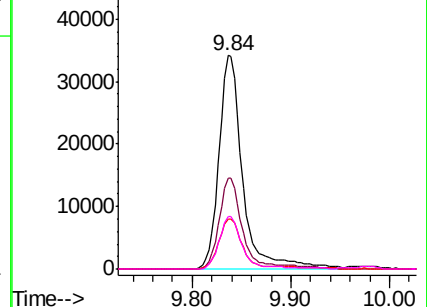


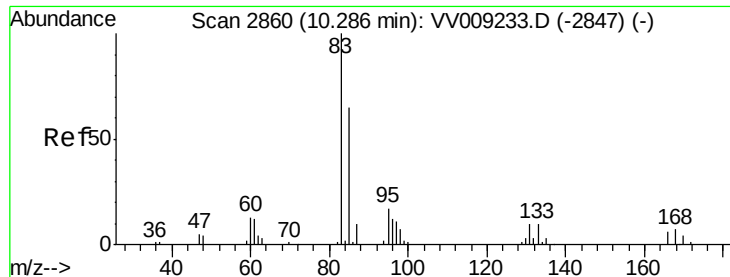
Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 70.00 (69.70 to 70.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 61.00 (60.70 to 61.70): VV0





#75

1,1,2,2-Tetrachloroethane

Concen: 57.061 ug/l

RT: 10.29 min Scan# 2860

Delta R.T. 0.00 min

Lab File: VV009242.D

Acq: 22 Jan 2019 19:00

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

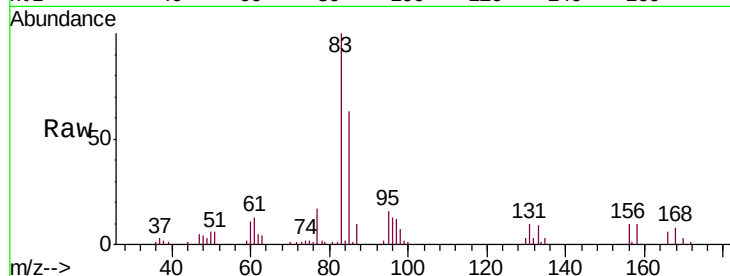
Tgt Ion: 83 Resp: 51403

Ion Ratio Lower Upper

83 100

131 10.4 5.1 15.3

85 62.8 32.6 98.0

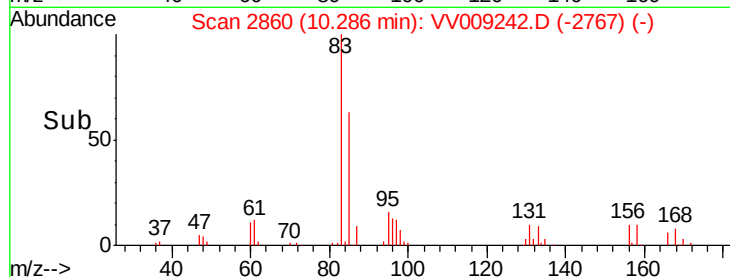


Abundance Ion 82.90 (82.60 to 83.60): VV009233.D (-2847) (-)

Ion 130.80 (130.50 to 131.50): VV009233.D (-2847) (-)

Ion 84.90 (84.60 to 85.60): VV009233.D (-2847) (-)

Time-->

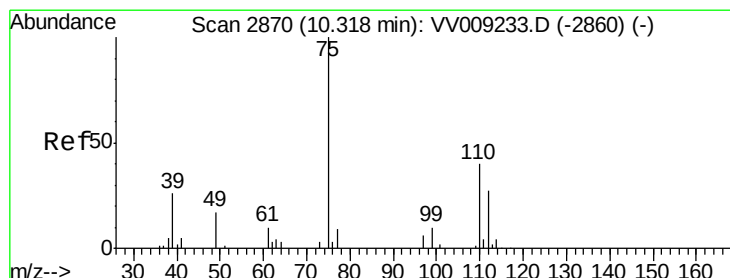


Abundance Ion 82.90 (82.60 to 83.60): VV009242.D (-2767) (-)

Ion 130.80 (130.50 to 131.50): VV009242.D (-2767) (-)

Ion 84.90 (84.60 to 85.60): VV009242.D (-2767) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 77.287 ug/l

RT: 10.32 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VV009242.D

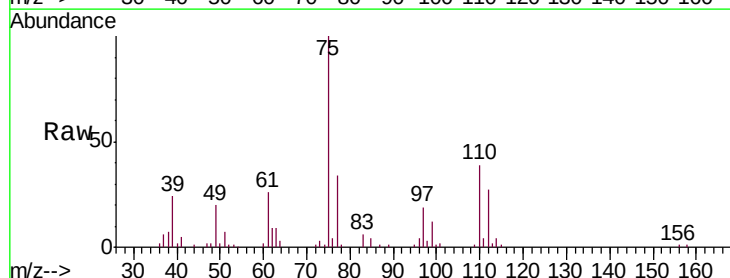
Acq: 22 Jan 2019 19:00

Tgt Ion: 75 Resp: 54754

Ion Ratio Lower Upper

75 100

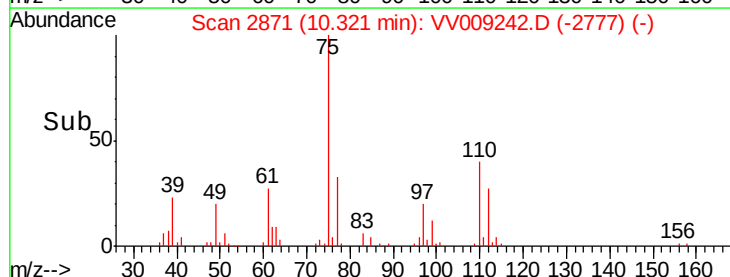
77 34.5 24.6 73.8



Abundance Ion 74.90 (74.60 to 75.60): VV009233.D (-2860) (-)

Ion 77.00 (76.70 to 77.70): VV009233.D (-2860) (-)

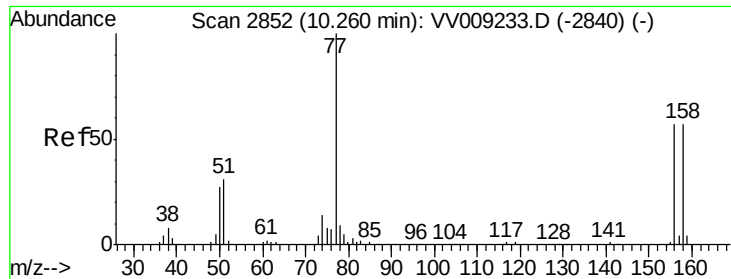
Time-->



Abundance Ion 74.90 (74.60 to 75.60): VV009242.D (-2777) (-)

Ion 77.00 (76.70 to 77.70): VV009242.D (-2777) (-)

Time-->



#77

Bromobenzene

Concen: 49.179 ug/l

RT: 10.26 min Scan# 2852

Delta R.T. 0.00 min

Lab File: VV009242.D

Acq: 22 Jan 2019 19:00

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

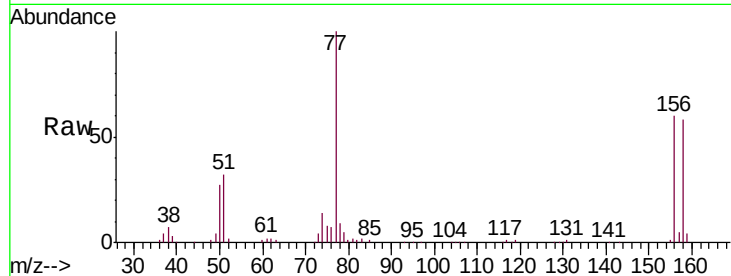
Tgt Ion:156 Resp: 56208

Ion Ratio Lower Upper

156 100

77 168.5 86.0 258.0

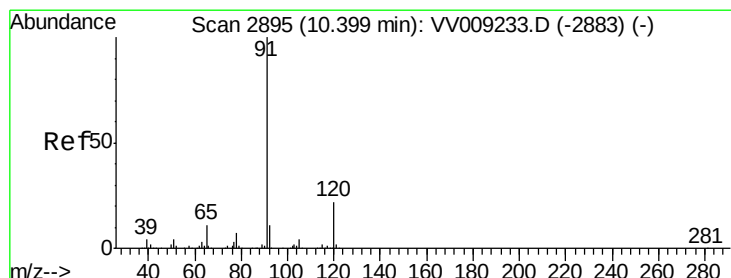
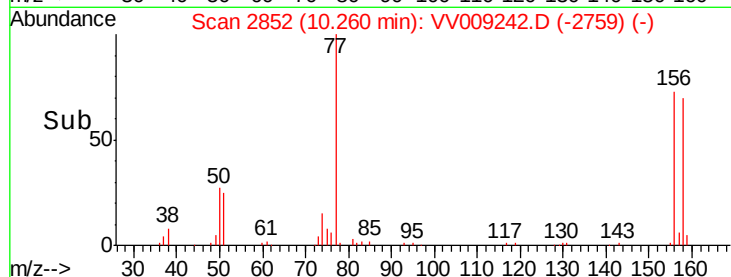
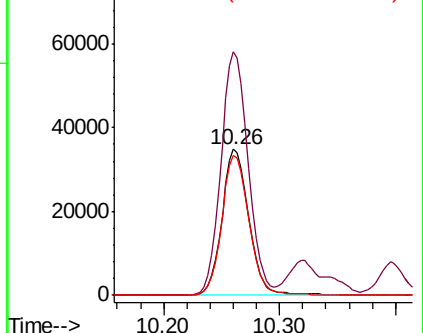
158 97.6 49.8 149.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VV0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 47.016 ug/l

RT: 10.40 min Scan# 2894

Delta R.T. -0.00 min

Lab File: VV009242.D

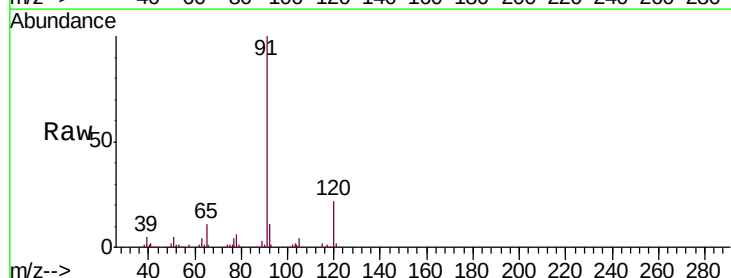
Acq: 22 Jan 2019 19:00

Tgt Ion: 91 Resp: 297830

Ion Ratio Lower Upper

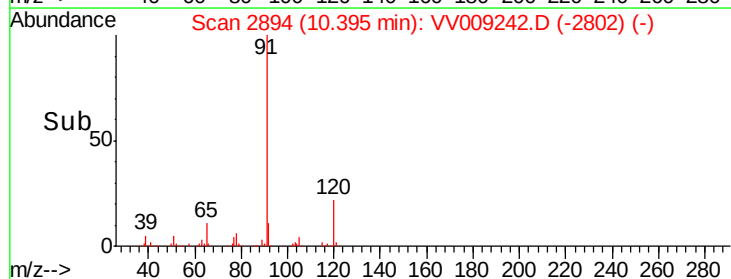
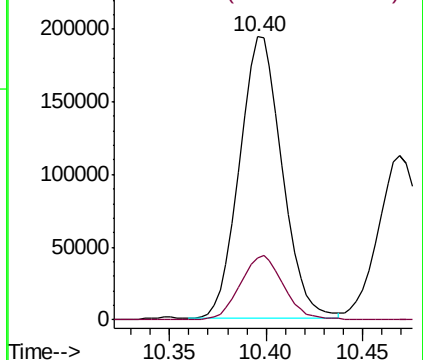
91 100

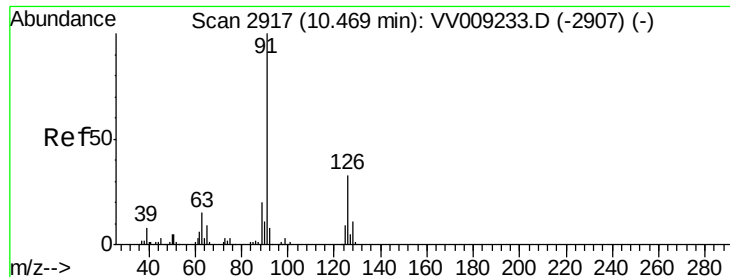
120 23.4 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.862 ug/l

RT: 10.47 min Scan# 2917

Delta R.T. 0.00 min

Lab File: VV009242.D

Acq: 22 Jan 2019 19:00

Instrument :

MSVOA_V

ClientSampleId :

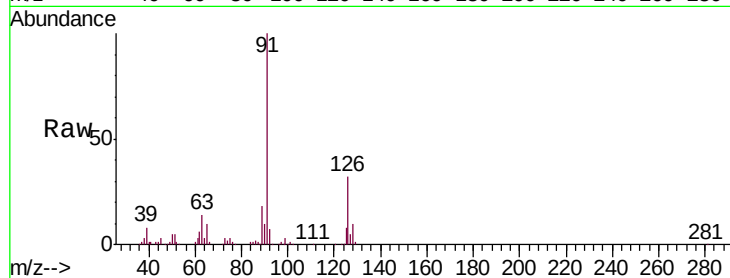
VSTDCCC050EC

Tgt Ion: 91 Resp: 179115

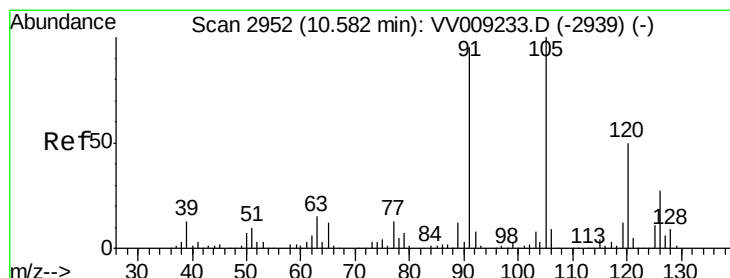
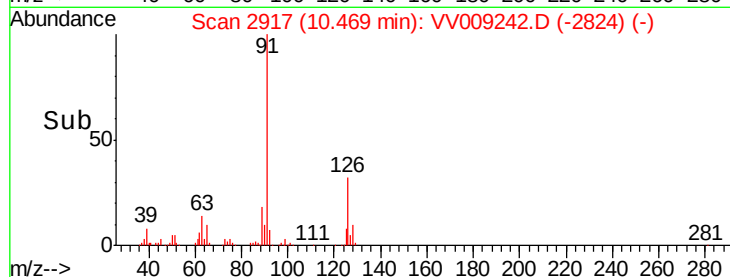
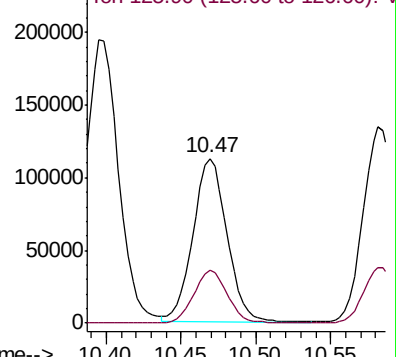
Ion Ratio Lower Upper

91 100

126 32.1 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VV009233.D (-2907) (-)



#80

1,3,5-Trimethylbenzene

Concen: 47.663 ug/l

RT: 10.58 min Scan# 2952

Delta R.T. 0.00 min

Lab File: VV009242.D

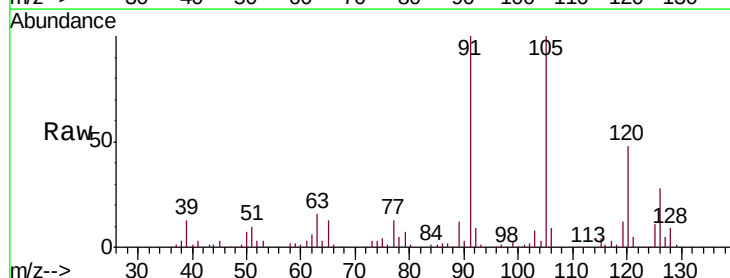
Acq: 22 Jan 2019 19:00

Tgt Ion: 105 Resp: 213595

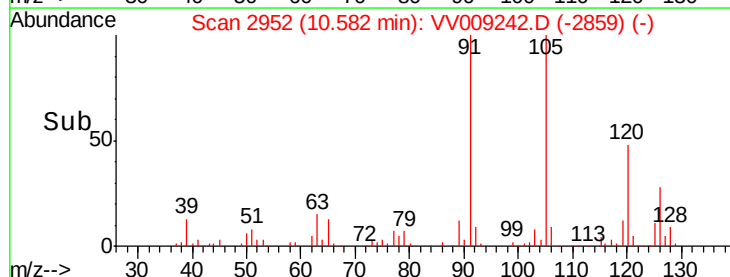
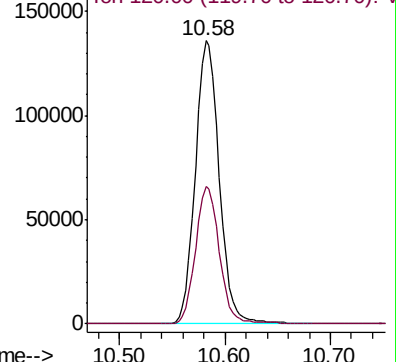
Ion Ratio Lower Upper

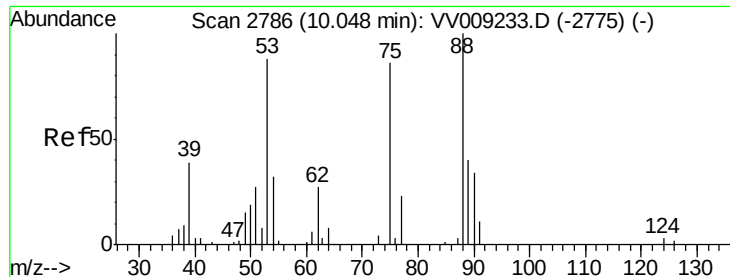
105 100

120 48.5 24.3 73.0



Abundance Ion 105.00 (104.70 to 105.70): VV009233.D (-2939) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 60.065 ug/l

RT: 10.05 min Scan# 2786

Delta R.T. 0.00 min

Lab File: VV009242.D

Acq: 22 Jan 2019 19:00

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

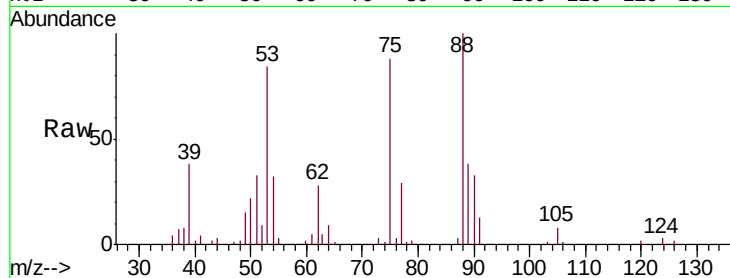
Tgt Ion: 75 Resp: 15037

Ion Ratio Lower Upper

75 100

53 99.8 82.1 123.1

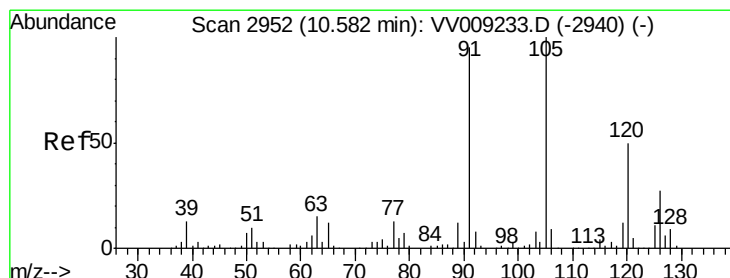
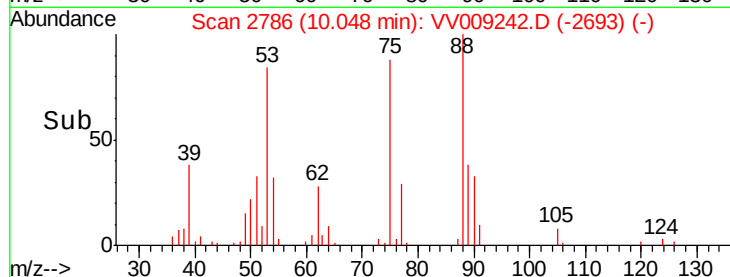
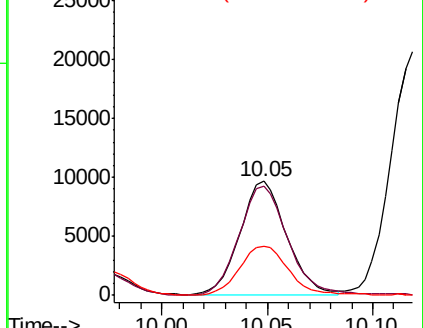
89 45.1 36.2 54.4



Abundance Ion 74.90 (74.60 to 75.60): VV009233.D (-2775) (-)

Ion 53.00 (52.70 to 53.70): VV009233.D (-2775) (-)

Ion 88.90 (88.60 to 89.60): VV009233.D (-2775) (-)



#82

4-Chlorotoluene

Concen: 47.640 ug/l

RT: 10.58 min Scan# 2952

Delta R.T. 0.00 min

Lab File: VV009242.D

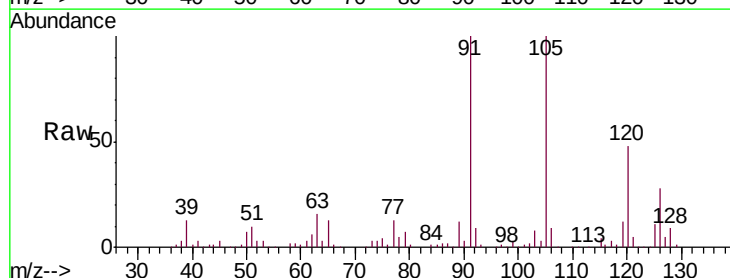
Acq: 22 Jan 2019 19:00

Tgt Ion: 91 Resp: 214469

Ion Ratio Lower Upper

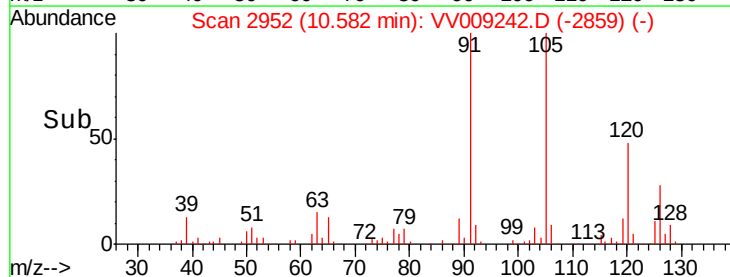
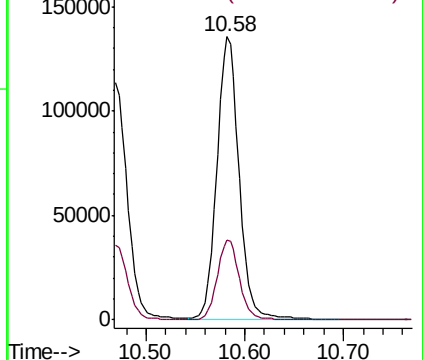
91 100

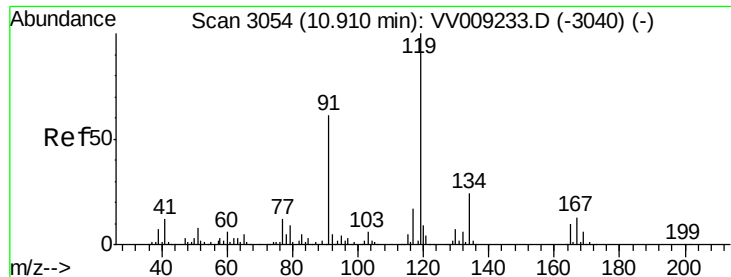
126 28.4 14.3 42.9



Abundance Ion 91.00 (90.70 to 91.70): VV009233.D (-2940) (-)

Ion 125.90 (125.60 to 126.60): VV009233.D (-2940) (-)

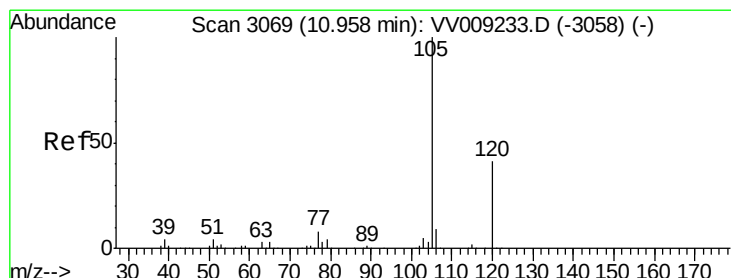
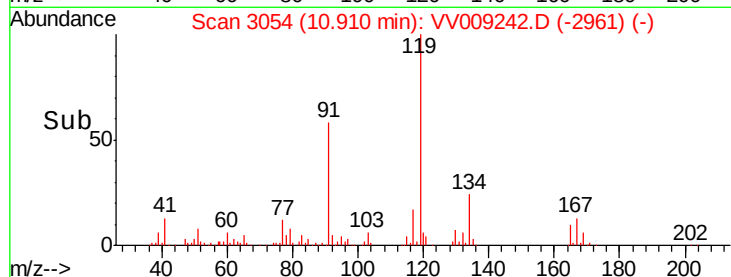
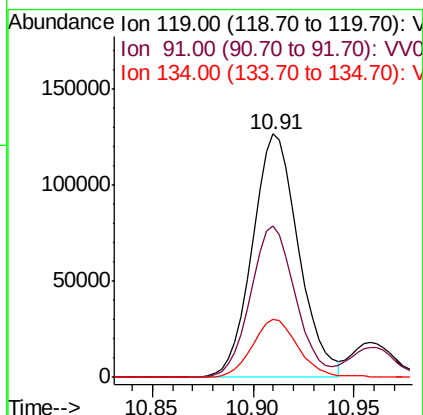
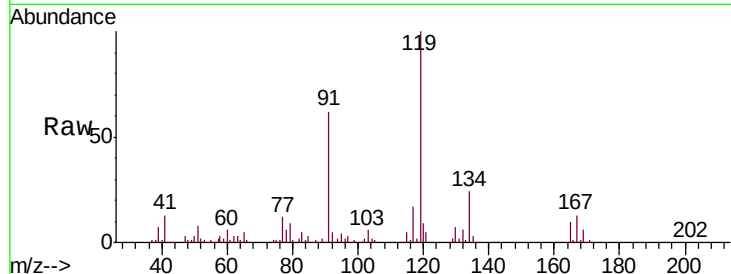




#83
 tert-Butylbenzene
 Concen: 47.466 ug/l
 RT: 10.91 min Scan# 3054
 Delta R.T. 0.00 min
 Lab File: VV009242.D
 Acq: 22 Jan 2019 19:00

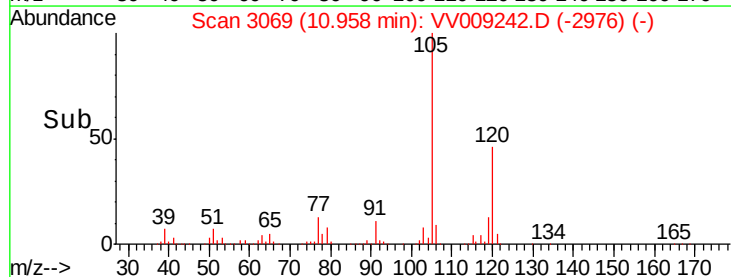
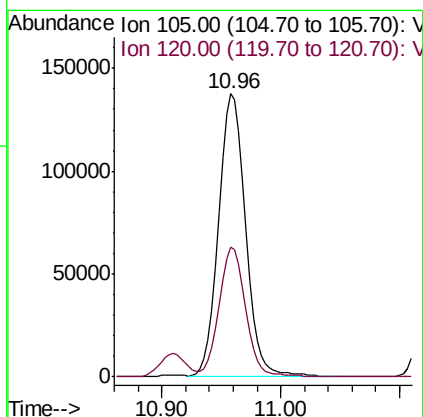
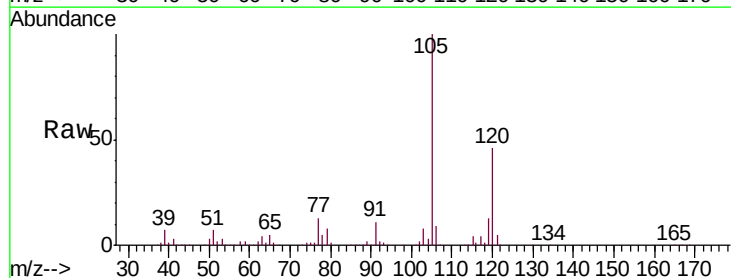
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

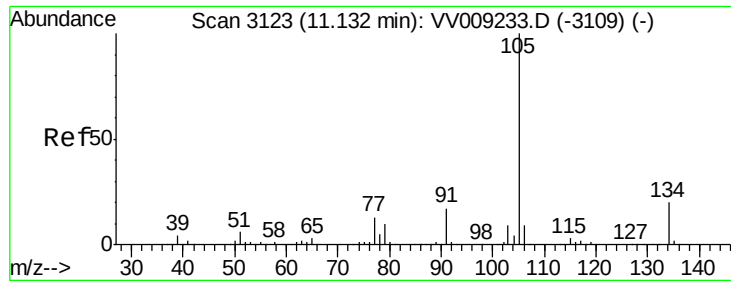
Tgt Ion:119 Resp: 202543
 Ion Ratio Lower Upper
 119 100
 91 60.7 30.0 90.1
 134 23.8 11.9 35.7



#84
 1,2,4-Trimethylbenzene
 Concen: 48.085 ug/l
 RT: 10.96 min Scan# 3069
 Delta R.T. 0.00 min
 Lab File: VV009242.D
 Acq: 22 Jan 2019 19:00

Tgt Ion:105 Resp: 217377
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.6 67.7

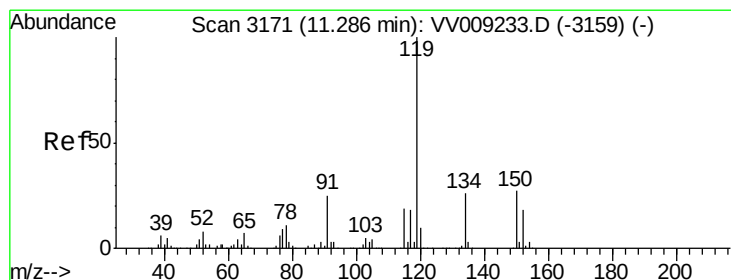
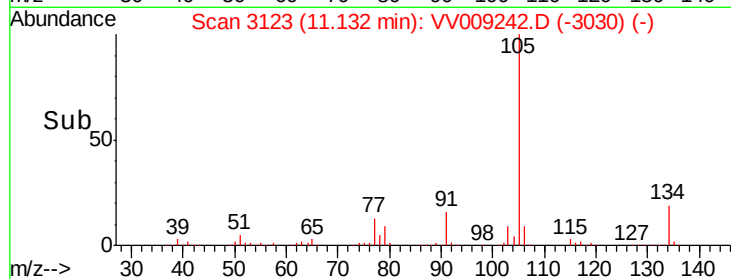
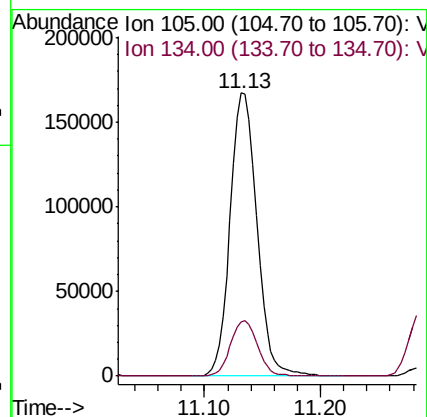
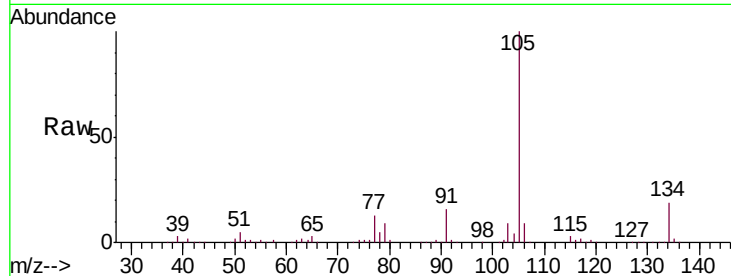




#85
 sec-Butylbenzene
 Concen: 48.001 ug/l
 RT: 11.13 min Scan# 3123
 Delta R.T. 0.00 min
 Lab File: VV009242.D
 Acq: 22 Jan 2019 19:00

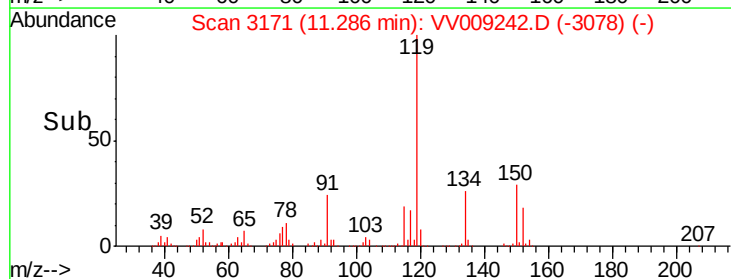
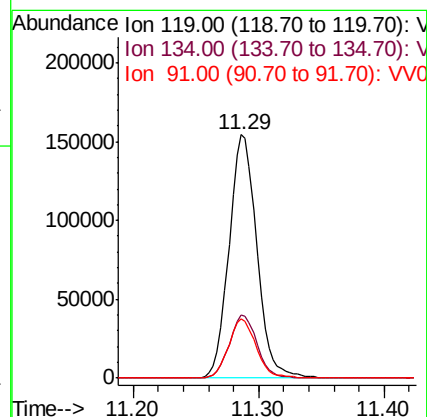
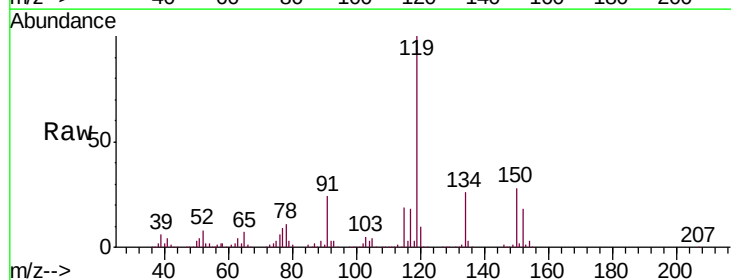
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

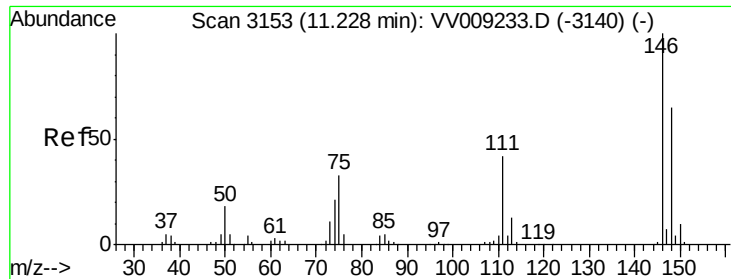
Tgt Ion:105 Resp: 268278
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 48.477 ug/l
 RT: 11.29 min Scan# 3171
 Delta R.T. 0.00 min
 Lab File: VV009242.D
 Acq: 22 Jan 2019 19:00

Tgt Ion:119 Resp: 237230
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.0 38.9
 91 24.2 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 48.211 ug/l

RT: 11.22 min Scan# 3152

Delta R.T. -0.00 min

Lab File: VV009242.D

Acq: 22 Jan 2019 19:00

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

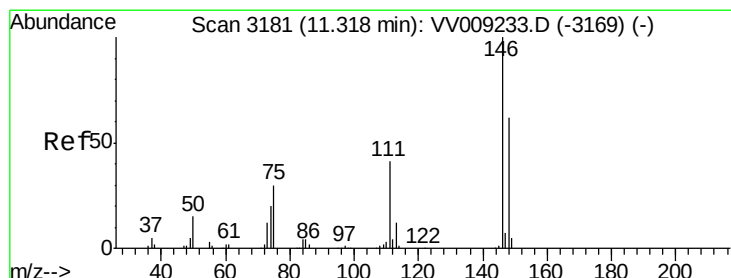
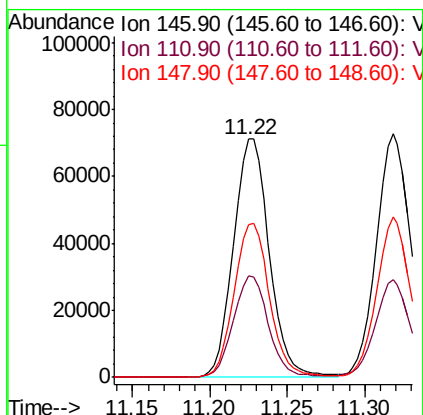
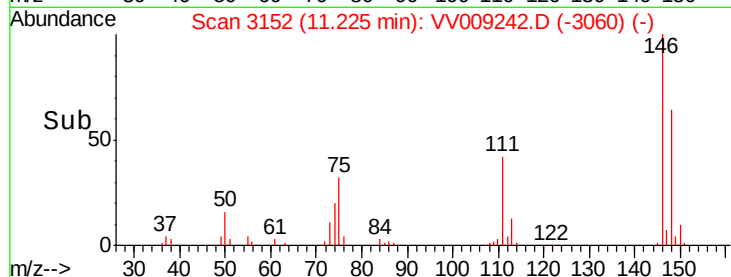
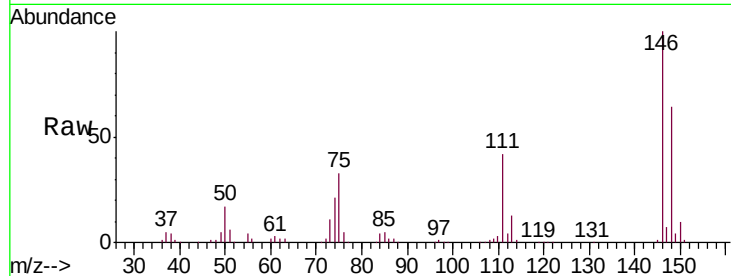
Tgt Ion:146 Resp: 114411

Ion Ratio Lower Upper

146 100

111 41.9 21.1 63.4

148 63.9 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 48.118 ug/l

RT: 11.32 min Scan# 3181

Delta R.T. 0.00 min

Lab File: VV009242.D

Acq: 22 Jan 2019 19:00

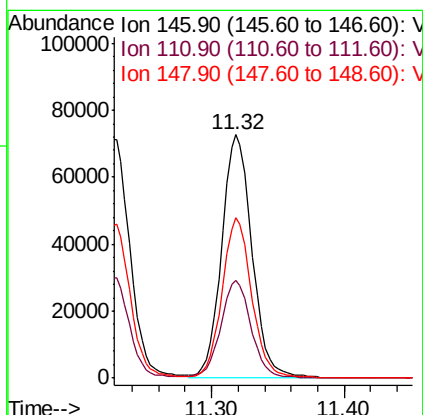
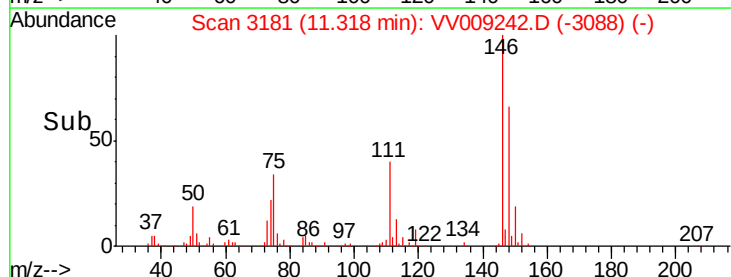
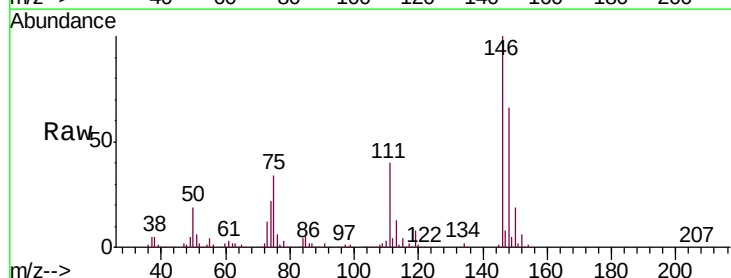
Tgt Ion:146 Resp: 115439

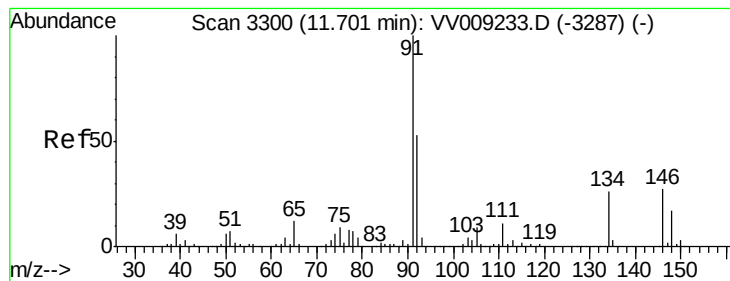
Ion Ratio Lower Upper

146 100

111 40.3 20.5 61.5

148 64.7 31.4 94.3





#89

n-Butylbenzene

Concen: 48.136 ug/l

RT: 11.70 min Scan# 3300

Delta R.T. 0.00 min

Lab File: VV009242.D

Acq: 22 Jan 2019 19:00

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

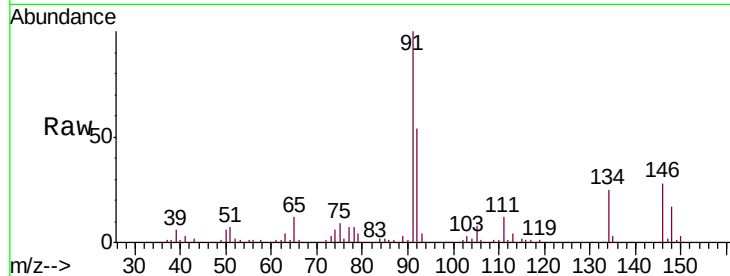
Tgt Ion: 91 Resp: 228648

Ion Ratio Lower Upper

91 100

92 53.8 27.2 81.5

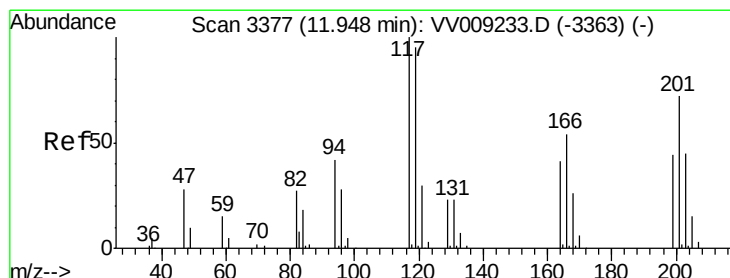
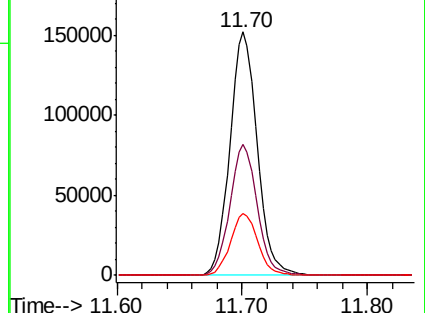
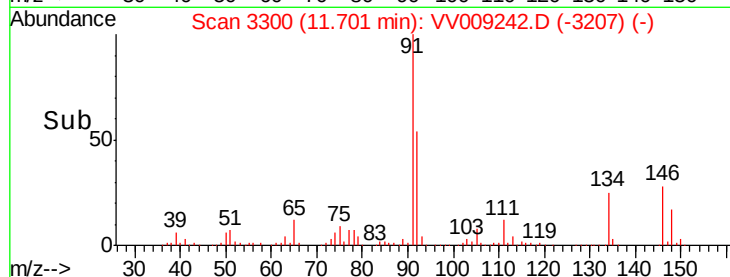
134 25.4 12.6 37.8



Abundance Ion 91.00 (90.70 to 91.70): VV009242.D (-3284) (-)

Ion 92.00 (91.70 to 92.70): VV009242.D (-3284) (-)

Ion 134.00 (133.70 to 134.70): VV009242.D (-3284) (-)



#90

Hexachloroethane

Concen: 47.883 ug/l

RT: 11.95 min Scan# 3377

Delta R.T. 0.00 min

Lab File: VV009242.D

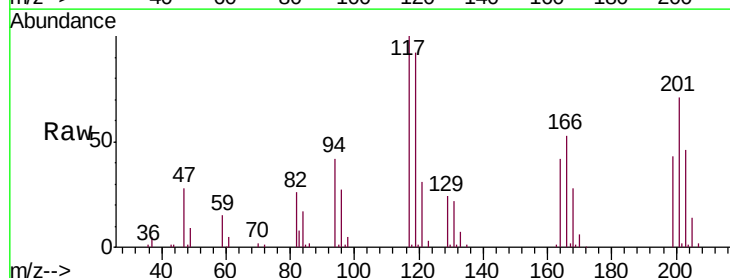
Acq: 22 Jan 2019 19:00

Tgt Ion: 117 Resp: 41669

Ion Ratio Lower Upper

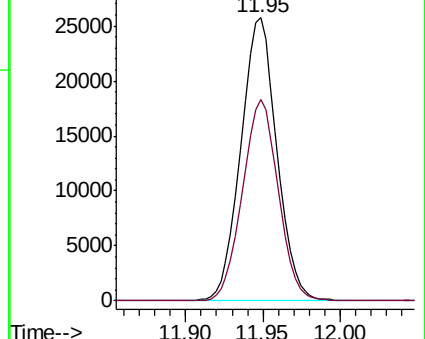
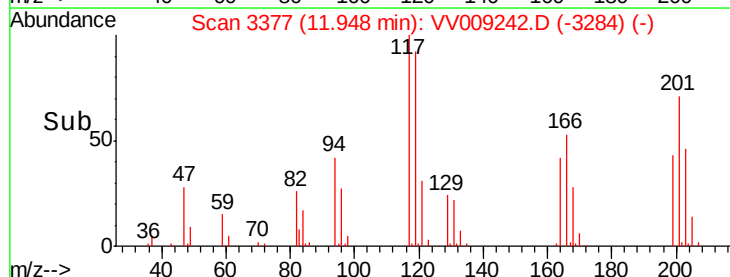
117 100

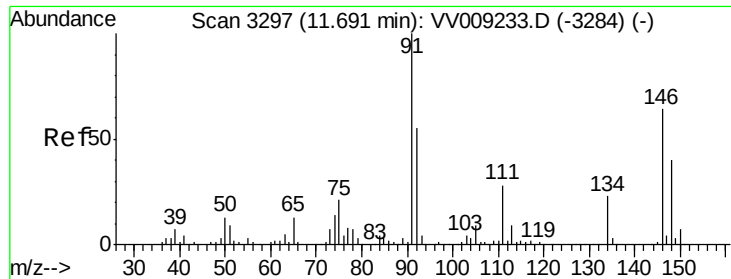
201 70.6 35.2 105.6



Abundance Ion 116.80 (116.50 to 117.50): VV009242.D (-3284) (-)

Ion 200.70 (200.40 to 201.40): VV009242.D (-3284) (-)

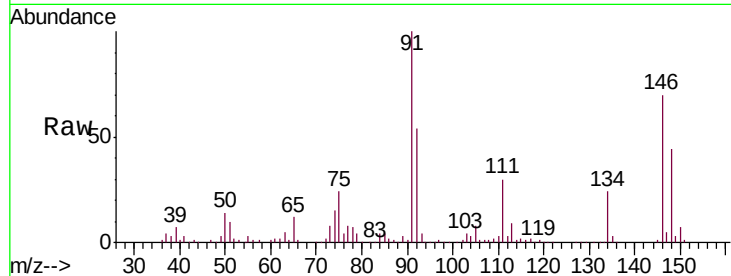




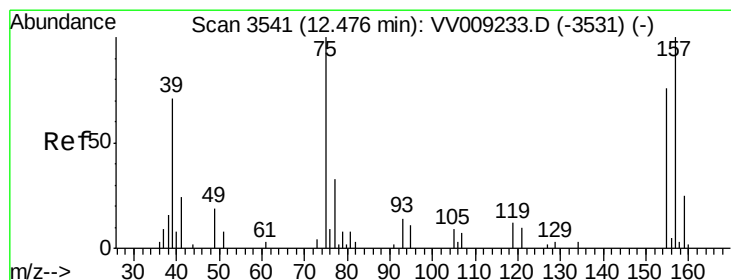
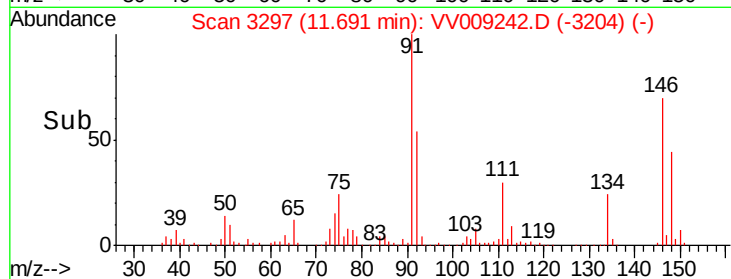
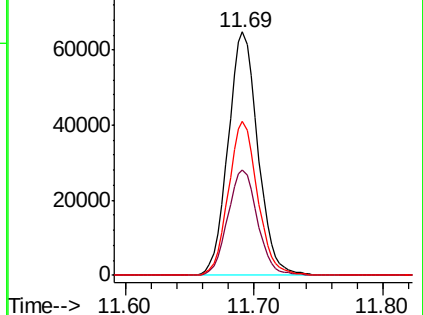
#91
1,2-Dichlorobenzene
Concen: 49.506 ug/l
RT: 11.69 min Scan# 3297
Delta R.T. 0.00 min
Lab File: VV009242.D
Acq: 22 Jan 2019 19:00

Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 146 Resp: 103709
Ion Ratio Lower Upper
146 100
111 43.1 21.9 65.8
148 61.9 31.6 95.0

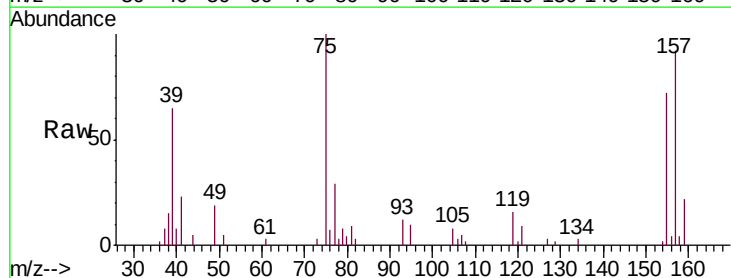


Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

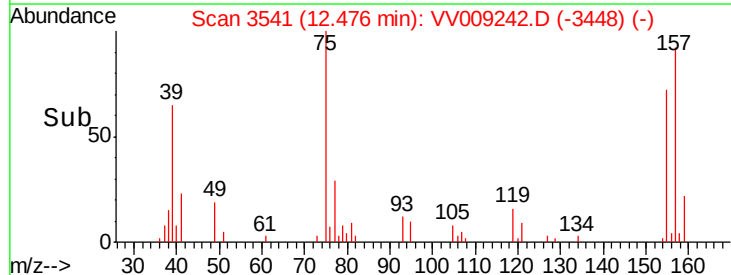
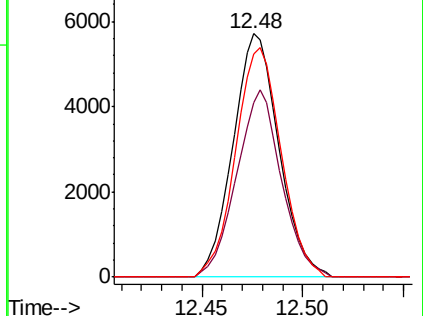


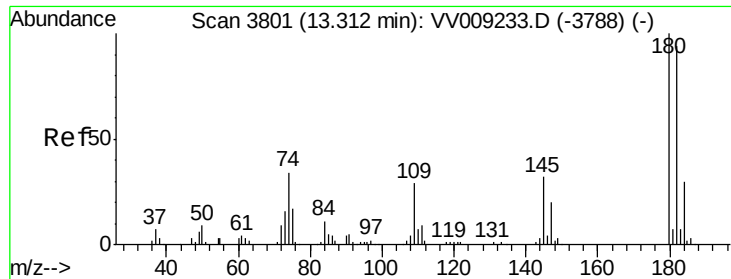
#92
1,2-Dibromo-3-Chloropropane
Concen: 60.151 ug/l
RT: 12.48 min Scan# 3541
Delta R.T. 0.00 min
Lab File: VV009242.D
Acq: 22 Jan 2019 19:00

Tgt Ion: 75 Resp: 9097
Ion Ratio Lower Upper
75 100
155 75.0 38.0 114.0
157 93.5 50.8 152.4



Abundance Ion 74.90 (74.60 to 75.60): VV0
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

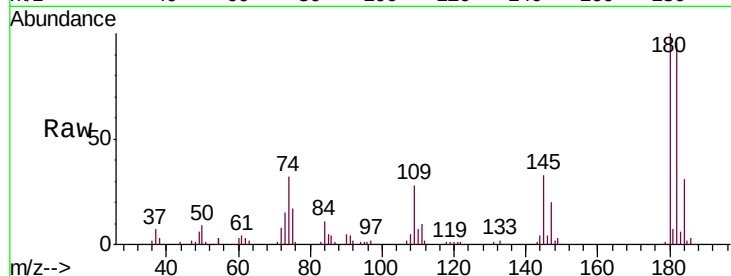




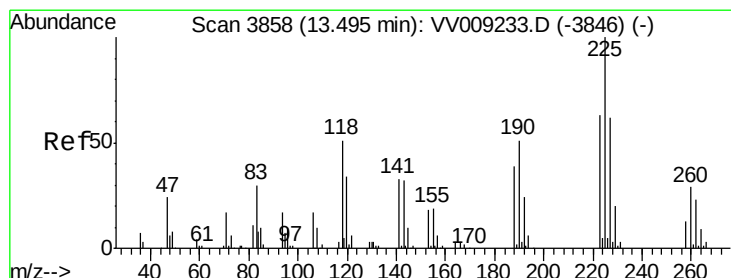
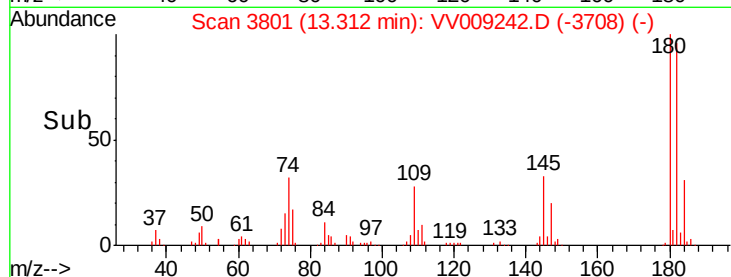
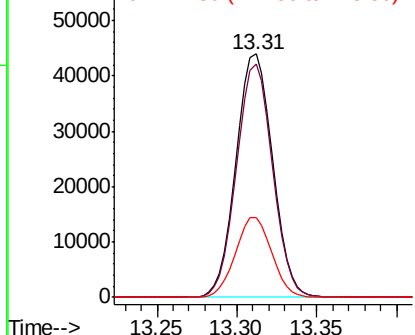
#93
 1,2,4-Trichlorobenzene
 Concen: 50.876 ug/l
 RT: 13.31 min Scan# 3801
 Delta R.T. 0.00 min
 Lab File: VV009242.D
 Acq: 22 Jan 2019 19:00

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:180 Resp: 68609
 Ion Ratio Lower Upper
 180 100
 182 94.1 47.1 141.4
 145 32.4 16.0 48.0

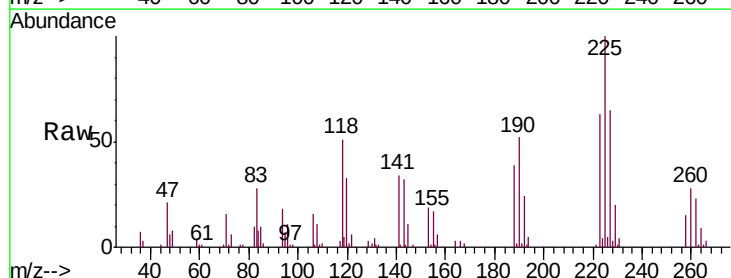


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

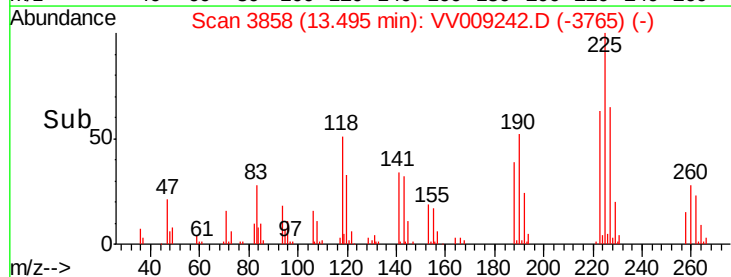
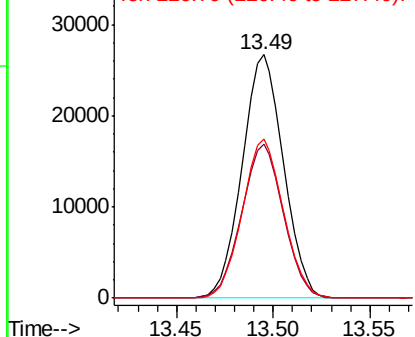


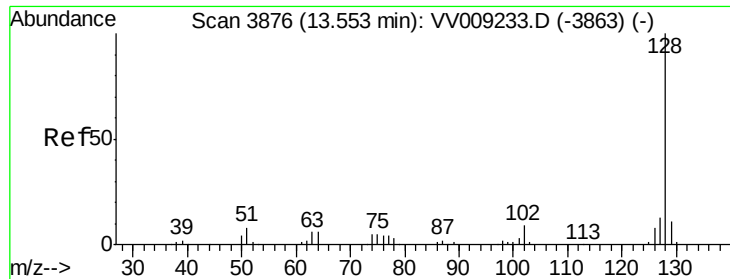
#94
 Hexachlorobutadiene
 Concen: 47.555 ug/l
 RT: 13.49 min Scan# 3858
 Delta R.T. 0.00 min
 Lab File: VV009242.D
 Acq: 22 Jan 2019 19:00

Tgt Ion:225 Resp: 39746
 Ion Ratio Lower Upper
 225 100
 223 63.7 31.7 95.1
 227 64.9 31.6 95.0



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

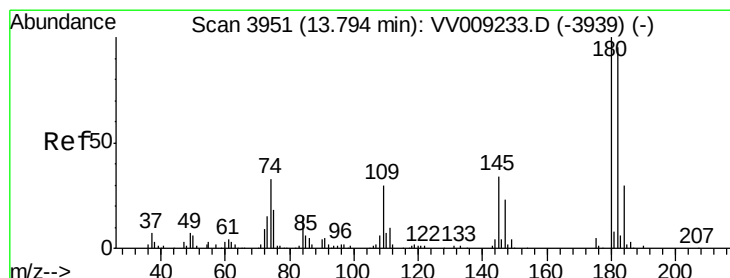
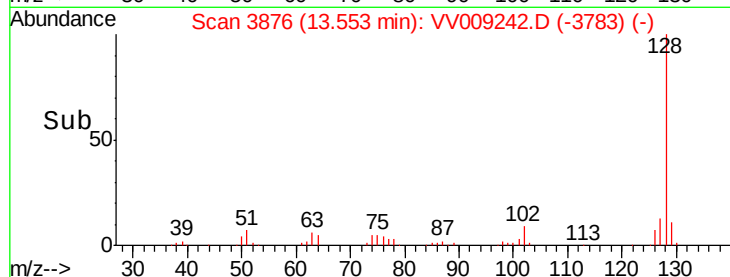
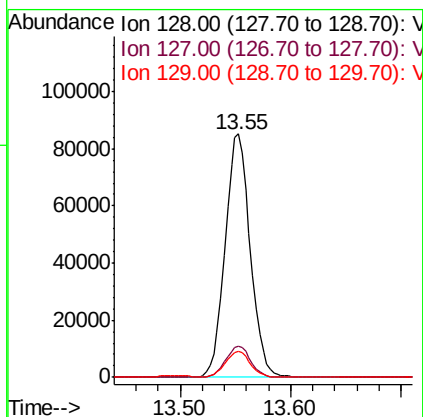
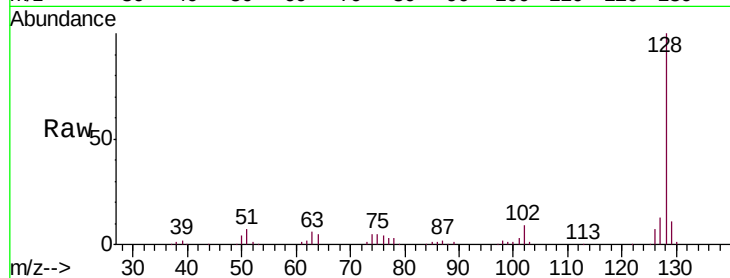




#95
Naphthalene
Concen: 57.760 ug/l
RT: 13.55 min Scan# 3876
Delta R.T. 0.00 min
Lab File: VV009242.D
Acq: 22 Jan 2019 19:00

Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 134682
Ion Ratio Lower Upper
128 100
127 12.8 10.7 16.1
129 10.6 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 52.908 ug/l
RT: 13.79 min Scan# 3951
Delta R.T. 0.00 min
Lab File: VV009242.D
Acq: 22 Jan 2019 19:00

Tgt Ion:180 Resp: 60418
Ion Ratio Lower Upper
180 100
182 94.1 47.4 142.2
145 33.8 17.2 51.5

