

Data File : VV009234.D
Acq On : 22 Jan 2019 13:52
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00 G/5ML/MSVOA_V/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC100

Quant Time: Jan 23 00:44:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\82V012219S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 23 00:37:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.73	168	94813	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.66	114	160460	50.00	ug/l	0.00
63) Chlorobenzene-d5	8.89	117	147978	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.30	152	74497	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.07	65	115552	89.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	179.88%	
35) Dibromofluoromethane	4.64	113	106958	100.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	201.02%	
50) Toluene-d8	7.36	98	418797	102.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	204.70%	
62) 4-Bromofluorobenzene	10.12	95	157570	100.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	200.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	76963	102.201	ug/l	97
3) Chloromethane	1.25	50	101693	92.614	ug/l	99
4) Vinyl Chloride	1.32	62	113633	105.848	ug/l	98
5) Bromomethane	1.52	94	65198	92.534	ug/l	100
6) Chloroethane	1.59	64	64072	94.757	ug/l	99
7) Trichlorofluoromethane	1.76	101	80746	122.931	ug/l	98
8) Diethyl Ether	1.96	74	51387	96.633	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.14	101	100596	102.907	ug/l	99
10) Methyl Iodide	2.25	142	163671	101.910	ug/l	99
11) Tert butyl alcohol	2.65	59	32132	342.207	ug/l	98
12) 1,1-Dichloroethene	2.13	96	98842	100.700	ug/l	98
13) Acrolein	2.05	56	29001	426.127	ug/l	96
14) Allyl chloride	2.42	41	172121	99.747	ug/l	98
15) Acrylonitrile	2.76	53	108425	471.463	ug/l	99
16) Acetone	2.17	43	140824	448.300	ug/l	98
17) Carbon Disulfide	2.31	76	308294	105.249	ug/l	99
18) Methyl Acetate	2.44	43	70300	86.174	ug/l	98
19) Methyl tert-butyl Ether	2.79	73	148127	96.345	ug/l	99
20) Methylene Chloride	2.52	84	103534	87.155	ug/l	99
21) trans-1,2-Dichloroethene	2.78	96	107290	101.088	ug/l	96
22) Diisopropyl ether	3.33	45	370496	96.435	ug/l	98
23) Vinyl Acetate	3.30	43	1025273	483.477	ug/l	100
24) 1,1-Dichloroethane	3.22	63	227856	97.769	ug/l	99
25) 2-Butanone	4.01	43	176843	474.586	ug/l	99
26) 2,2-Dichloropropane	3.95	77	138858	112.703	ug/l	98
27) cis-1,2-Dichloroethene	3.95	96	134271	100.275	ug/l	99
28) Bromochloromethane	4.29	49	84370	94.288	ug/l	99
29) Tetrahydrofuran	4.38	42	99040	463.963	ug/l	98
30) Chloroform	4.42	83	230241	95.056	ug/l	100
31) Cyclohexane	4.72	56	196903	94.806	ug/l	98
32) 1,1,1-Trichloroethane	4.65	97	197322	102.105	ug/l	100
36) 1,1-Dichloropropene	4.87	75	178742	102.878	ug/l	99
37) Ethyl Acetate	4.12	43	70208	96.742	ug/l	100
38) Carbon Tetrachloride	4.87	117	182261	105.569	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.17	83	213095	106.584	ug/l	99
40) Benzene	5.14	78	502607	102.410	ug/l	100
41) Methacrylonitrile	4.30	41	42343	99.641	ug/l	97
42) 1,2-Dichloroethane	5.17	62	151791	92.702	ug/l	99
43) Isopropyl Acetate	5.32	43	135917	94.250	ug/l	98
44) Trichloroethene	5.96	130	131717	104.245	ug/l	97
45) 1,2-Dichloropropane	6.22	63	121807	101.845	ug/l	100
46) Dibromomethane	6.35	93	62965	96.619	ug/l	98
47) Bromodichloromethane	6.55	83	168465	99.093	ug/l	100
48) Methyl methacrylate	6.41	41	71304	97.555	ug/l	100
49) 1,4-Dioxane	6.41	88	15939	1885.139	ug/l	98
51) 4-Methyl-2-Pentanone	7.27	43	344600	477.705	ug/l	99
52) Toluene	7.43	92	319266	103.643	ug/l	99
53) t-1,3-Dichloropropene	7.69	75	167068	101.009	ug/l	99
54) cis-1,3-Dichloropropene	7.07	75	194922	104.013	ug/l	100
55) 1,1,2-Trichloroethane	7.88	97	86459	97.916	ug/l	97
56) Ethyl methacrylate	7.83	69	109162	102.054	ug/l	99
57) 1,3-Dichloropropane	8.05	76	157924	97.027	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.93	63	9369	455.150	ug/l #	89
59) 2-Hexanone	8.18	43	257084	480.811	ug/l	99
60) Dibromochloromethane	8.29	129	108212	102.925	ug/l	98
61) 1,2-Dibromoethane	8.40	107	86356	98.690	ug/l	98
64) Tetrachloroethene	8.02	164	104077	103.335	ug/l	98
65) Chlorobenzene	8.92	112	344859	102.049	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.02	131	119559	102.958	ug/l	99
67) Ethyl Benzene	9.05	91	632077	105.288	ug/l	99
68) m/p-Xylenes	9.18	106	478405	212.393	ug/l	98
69) o-Xylene	9.59	106	225487	107.450	ug/l	100
70) Styrene	9.60	104	368549	107.716	ug/l	99
71) Bromoform	9.77	173	59978	105.723	ug/l #	98
73) Isopropylbenzene	9.97	105	638961	108.312	ug/l	99
74) N-amyl acetate	9.84	43	122466	98.272	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.29	83	104390	98.808	ug/l	98
76) 1,2,3-Trichloropropane	10.05	75	29566	35.967	ug/l	80
77) Bromobenzene	10.26	156	134633	102.785	ug/l	97
78) n-propylbenzene	10.40	91	751910	107.564	ug/l	100
79) 2-Chlorotoluene	10.47	91	440906	102.238	ug/l	100
80) 1,3,5-Trimethylbenzene	10.58	105	531598	106.335	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.05	75	31908	107.632	ug/l	95
82) 4-Chlorotoluene	10.58	91	518602	100.965	ug/l	100
83) tert-Butylbenzene	10.91	119	511596	107.625	ug/l	99
84) 1,2,4-Trimethylbenzene	10.96	105	538179	104.454	ug/l	100
85) sec-Butylbenzene	11.13	105	660347	108.077	ug/l	99
86) p-Isopropyltoluene	11.29	119	587377	108.429	ug/l	100
87) 1,3-Dichlorobenzene	11.23	146	275001	102.760	ug/l	99
88) 1,4-Dichlorobenzene	11.32	146	273946	100.872	ug/l	99
89) n-Butylbenzene	11.70	91	563460	105.607	ug/l	99
90) Hexachloroethane	11.95	117	105314	107.787	ug/l	97
91) 1,2-Dichlorobenzene	11.69	146	241269	100.819	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.48	75	17313	94.601	ug/l	96

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

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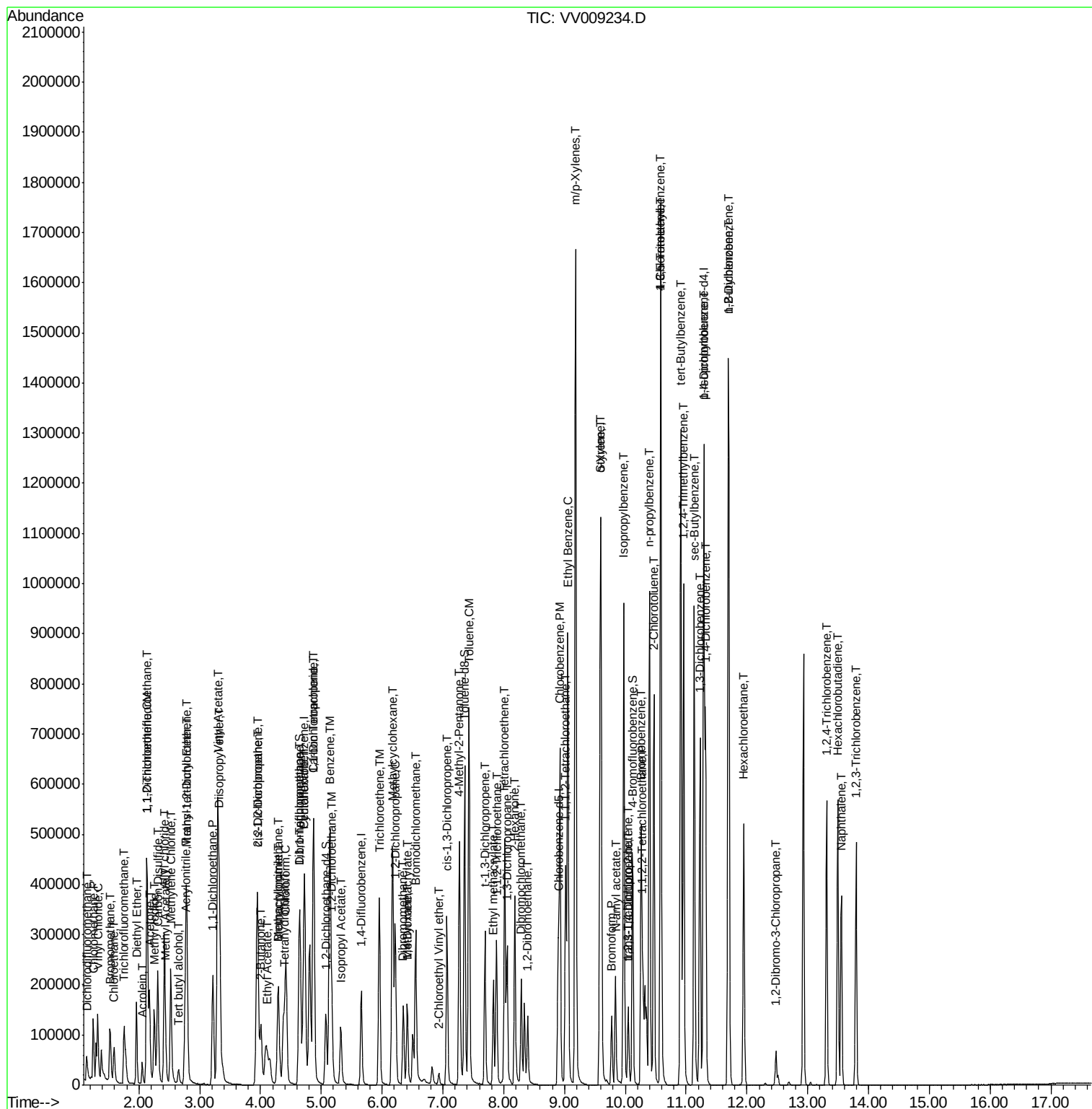
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.31	180	163872	100.404	ug/l	100
94) Hexachlorobutadiene	13.50	225	95819	103.976	ug/l	100
95) Naphthalene	13.55	128	290436	101.406	ug/l	99
96) 1,2,3-Trichlorobenzene	13.79	180	135243	97.622	ug/l	100

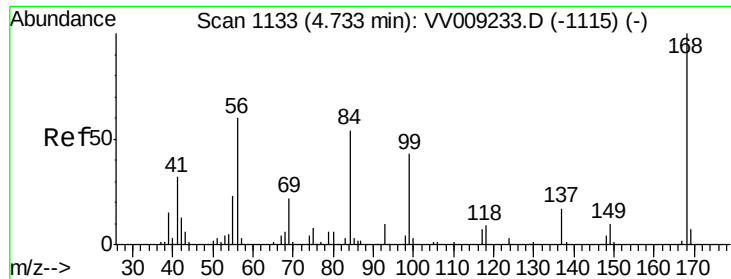
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VV009234.D

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Instrument :

MSVOA_V

ClientSampleId :

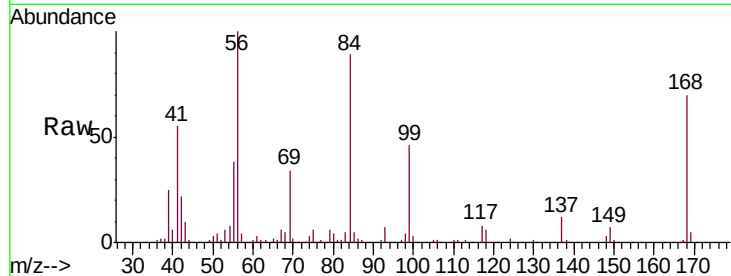
VSTDIC100

Tgt Ion:168 Resp: 94813

Ion Ratio Lower Upper

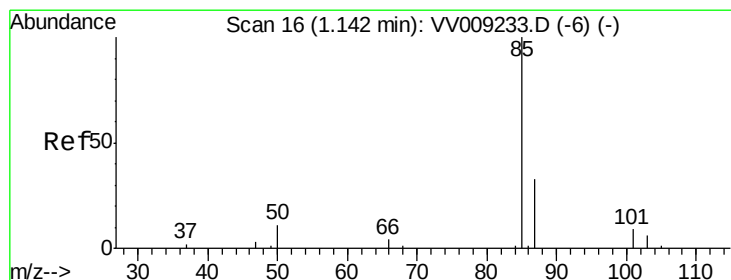
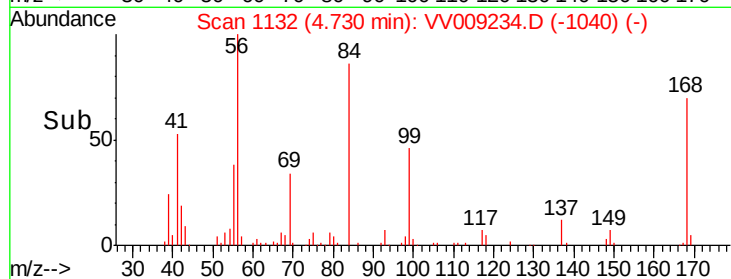
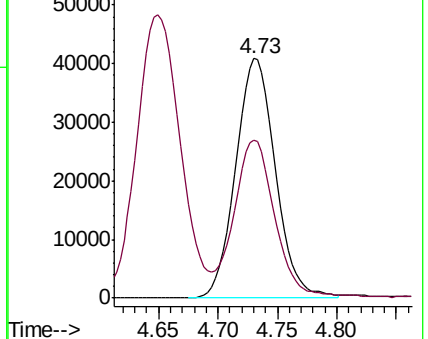
168 100

99 64.8 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) (-)



#2

Dichlorodifluoromethane

Concen: 102.201 ug/l

RT: 1.14 min Scan# 16

Delta R.T. 0.00 min

Lab File: VV009234.D

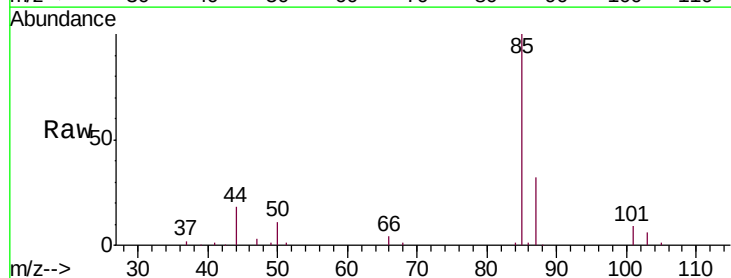
Acq: 22 Jan 2019 13:52

Tgt Ion: 85 Resp: 76963

Ion Ratio Lower Upper

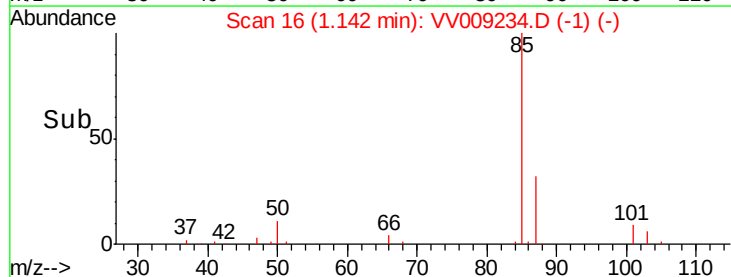
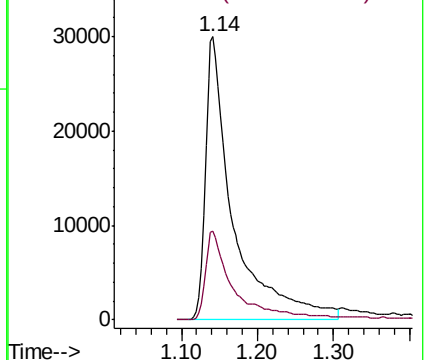
85 100

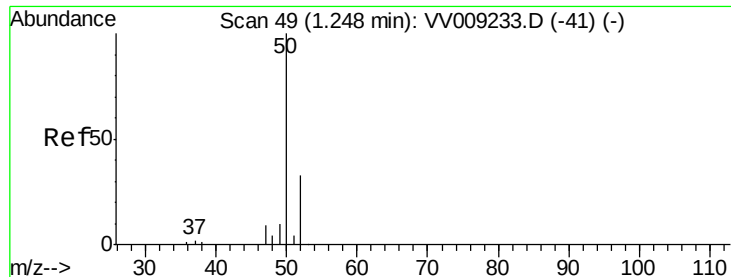
87 31.6 16.6 49.7



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

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





#3

Chloromethane

Concen: 92.614 ug/l

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV009234.D

Acq: 22 Jan 2019 13:52

Instrument :

MSVOA_V

ClientSampleId :

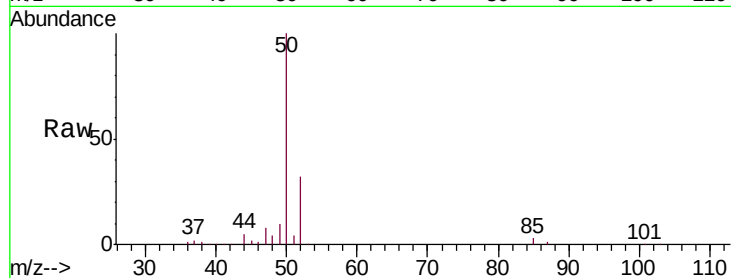
VSTDICC100

Tgt Ion: 50 Resp: 101693

Ion Ratio Lower Upper

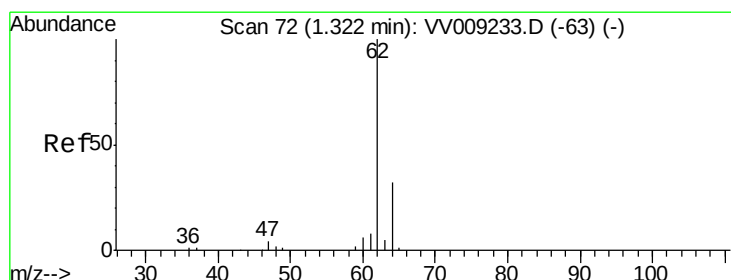
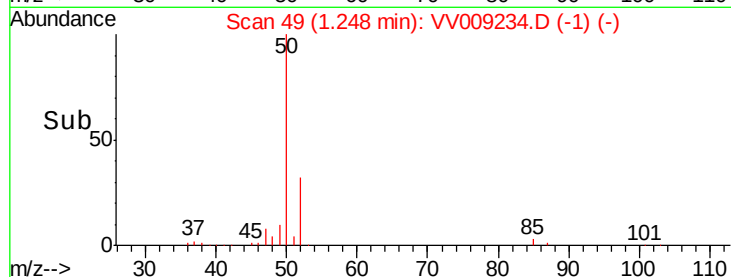
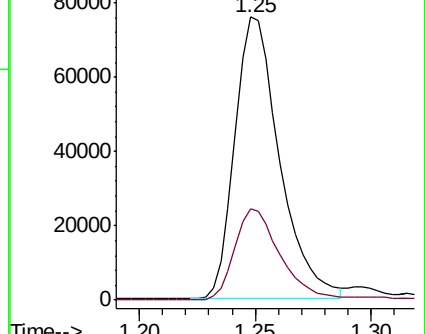
50 100

52 32.3 26.3 39.5



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

Ion 51.90 (51.60 to 52.60): VV009234.D (-1) (-)



#4

Vinyl Chloride

Concen: 105.848 ug/l

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VV009234.D

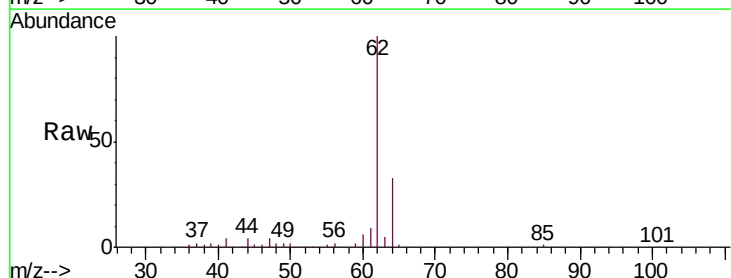
Acq: 22 Jan 2019 13:52

Tgt Ion: 62 Resp: 113633

Ion Ratio Lower Upper

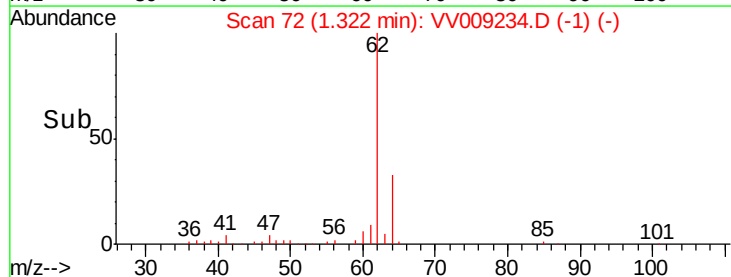
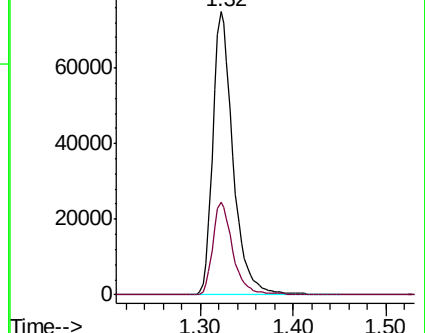
62 100

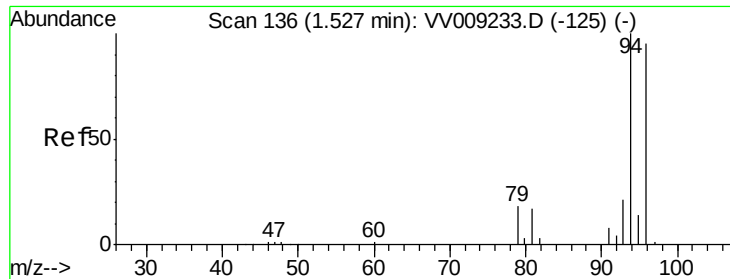
64 32.6 25.4 38.0



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

Ion 63.90 (63.60 to 64.60): VV009234.D (-1) (-)

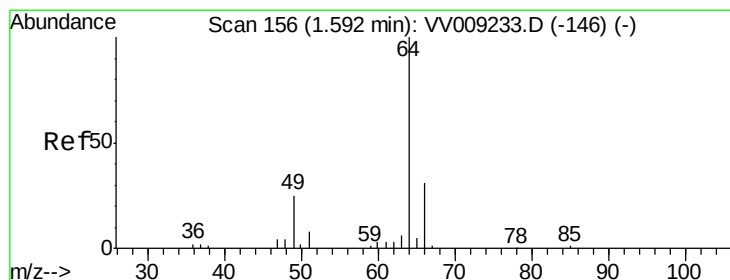
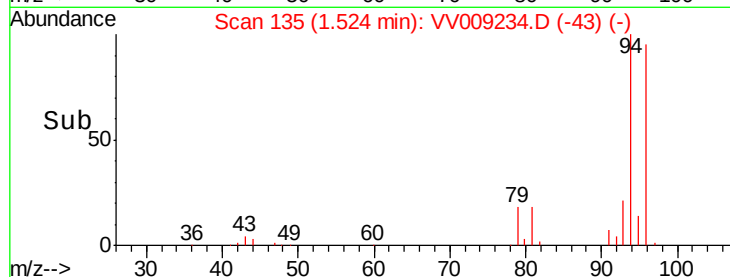
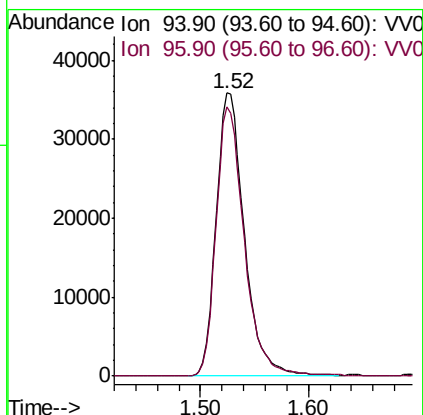
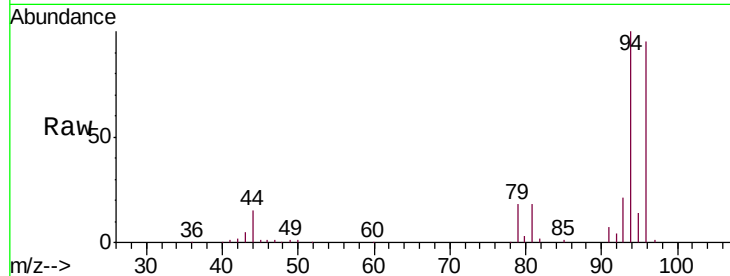




#5
Bromomethane
Concen: 92.534 ug/l
RT: 1.52 min Scan# 135
Delta R.T. -0.00 min
Lab File: VV009234.D
Acq: 22 Jan 2019 13:52

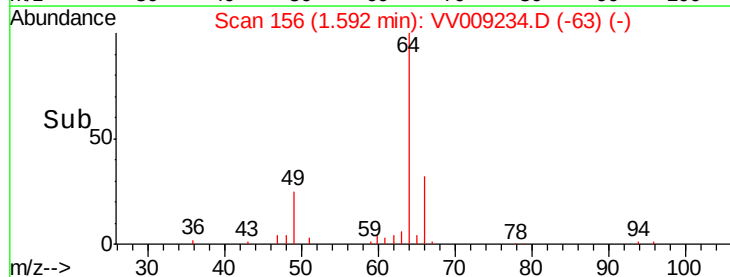
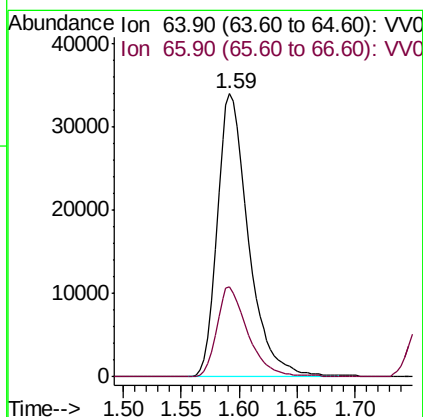
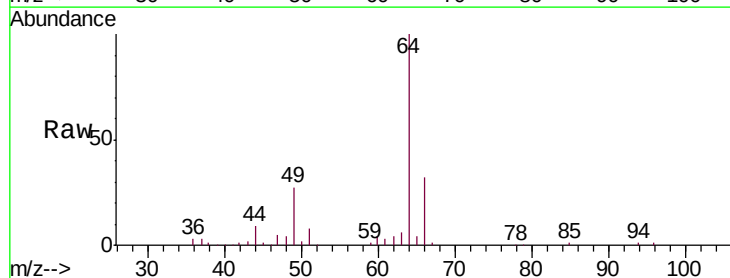
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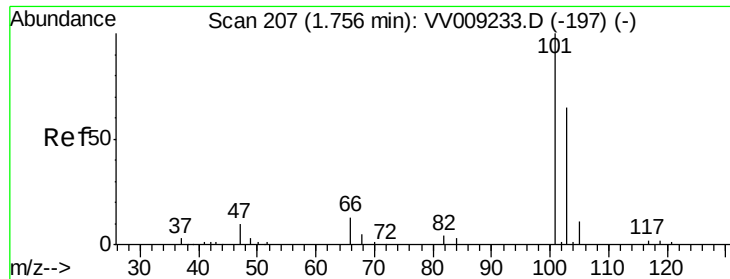
Tgt Ion: 94 Resp: 65198
Ion Ratio Lower Upper
94 100
96 95.4 76.3 114.5



#6
Chloroethane
Concen: 94.757 ug/l
RT: 1.59 min Scan# 156
Delta R.T. 0.00 min
Lab File: VV009234.D
Acq: 22 Jan 2019 13:52

Tgt Ion: 64 Resp: 64072
Ion Ratio Lower Upper
64 100
66 32.0 25.1 37.7



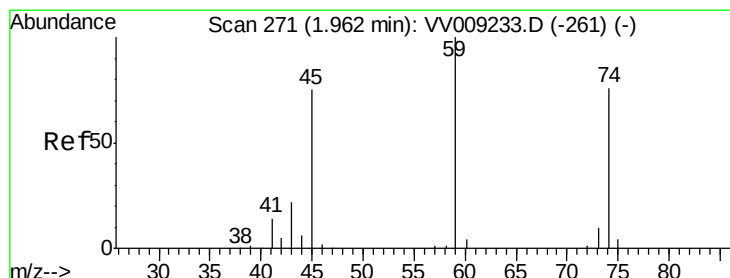
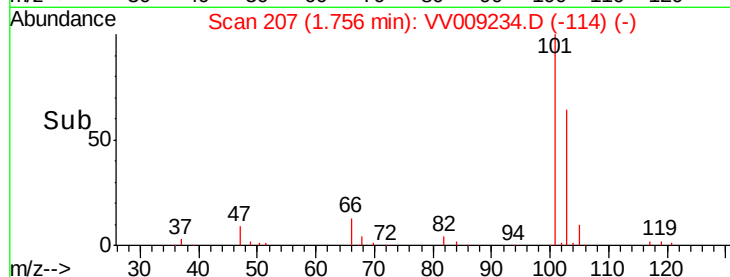
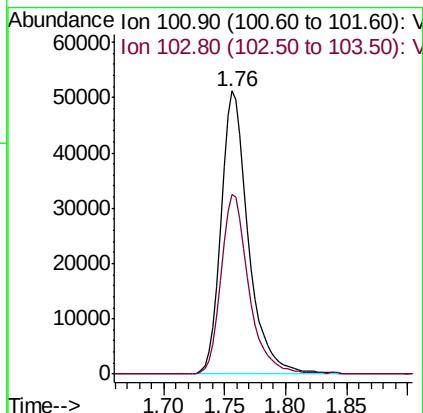
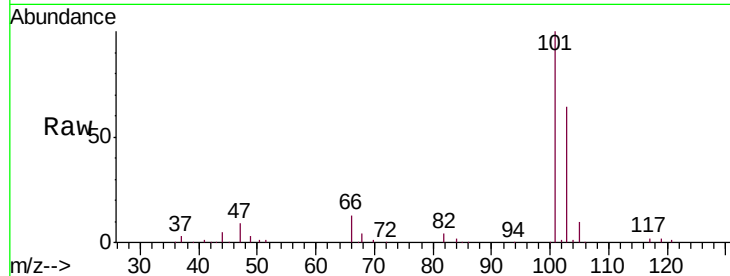


#7

Trichlorofluoromethane
 Concen: 122.931 ug/l
 RT: 1.76 min Scan# 207
 Delta R.T. 0.00 min
 Lab File: VV009234.D
 Acq: 22 Jan 2019 13:52

Instrument :
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 ClientSampleId :
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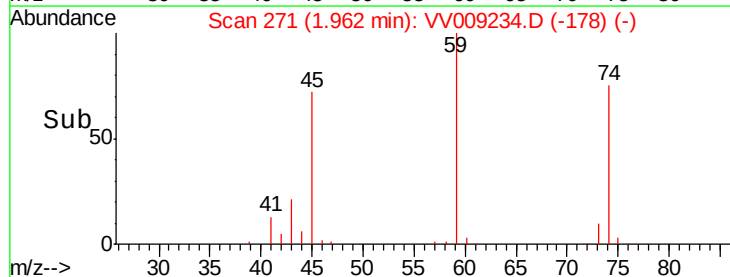
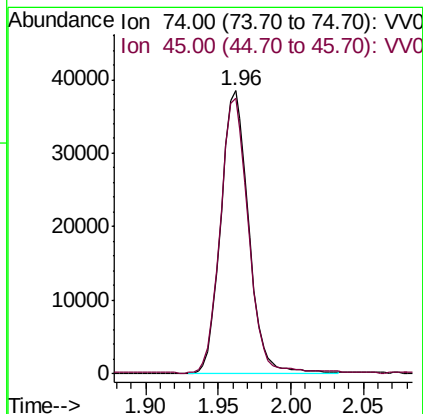
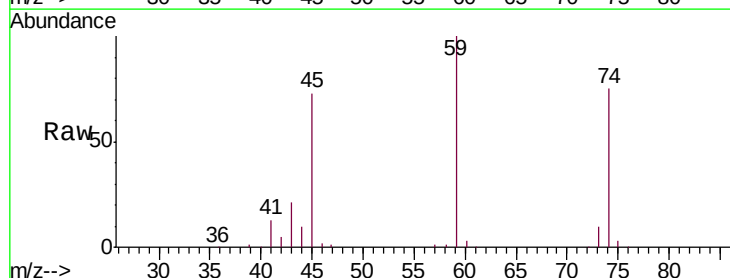
Tgt Ion:101 Resp: 80746
 Ion Ratio Lower Upper
 101 100
 103 63.6 52.2 78.4

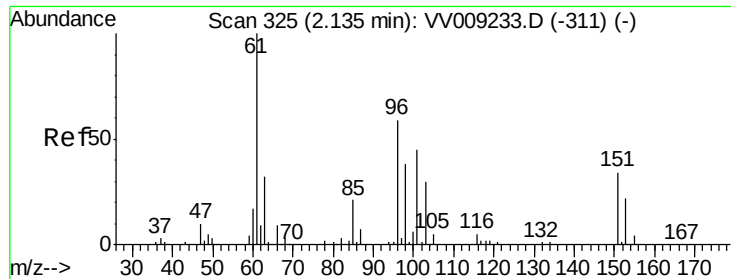


#8

Diethyl Ether
 Concen: 96.633 ug/l
 RT: 1.96 min Scan# 271
 Delta R.T. 0.00 min
 Lab File: VV009234.D
 Acq: 22 Jan 2019 13:52

Tgt Ion: 74 Resp: 51387
 Ion Ratio Lower Upper
 74 100
 45 97.0 49.1 147.3

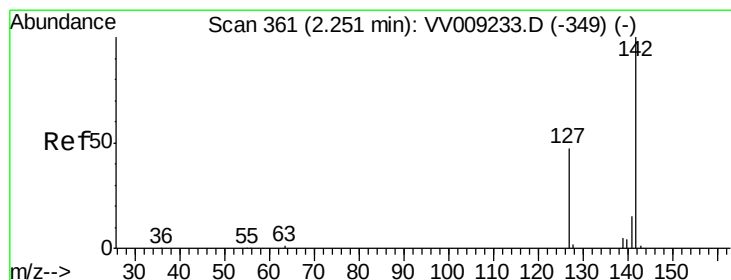
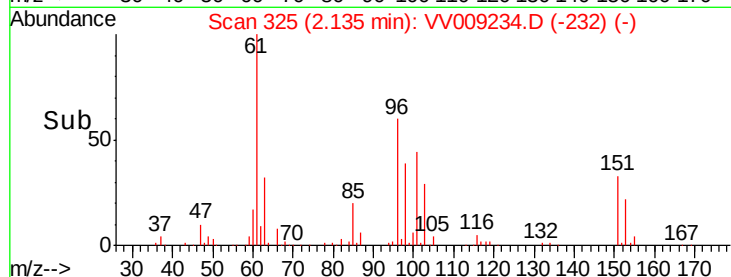
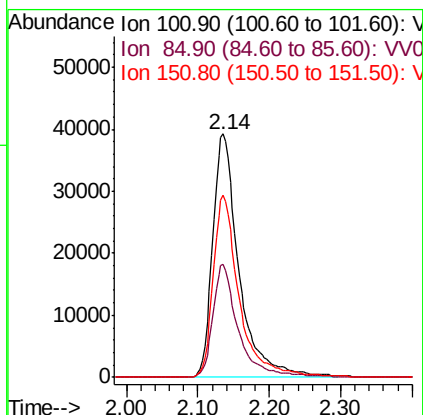
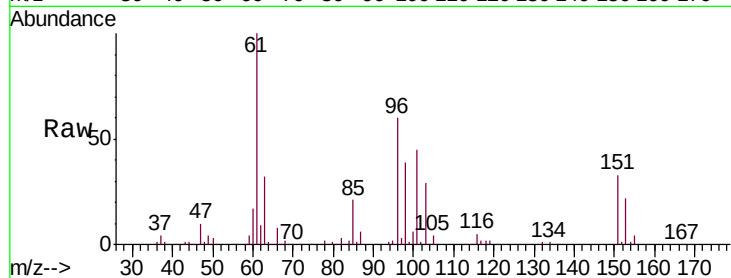




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 102.907 ug/l
 RT: 2.14 min Scan# 325
 Delta R.T. 0.00 min
 Lab File: VV009234.D
 Acq: 22 Jan 2019 13:52

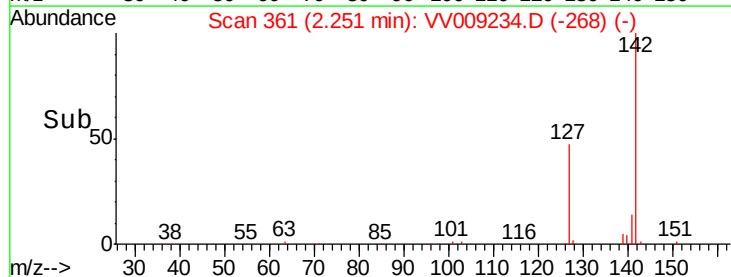
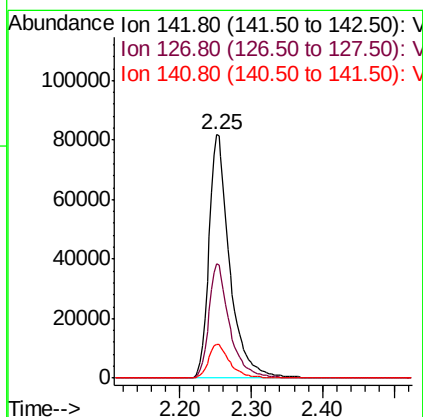
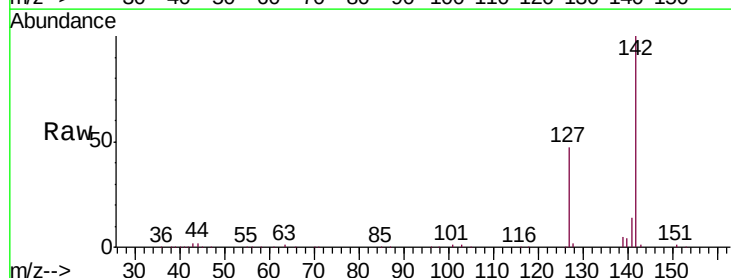
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC100

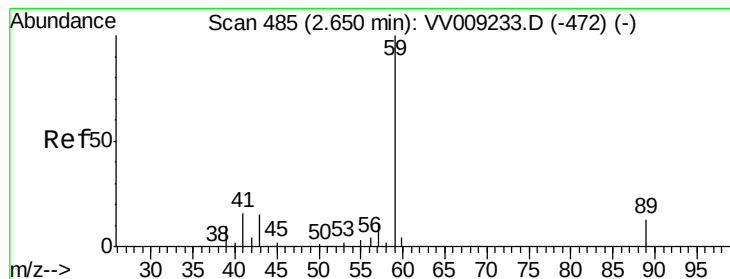
Tgt Ion:101 Resp: 100596
 Ion Ratio Lower Upper
 101 100
 85 45.1 35.3 52.9
 151 74.3 60.1 90.1



#10
 Methyl Iodide
 Concen: 101.910 ug/l
 RT: 2.25 min Scan# 361
 Delta R.T. 0.00 min
 Lab File: VV009234.D
 Acq: 22 Jan 2019 13:52

Tgt Ion:142 Resp: 163671
 Ion Ratio Lower Upper
 142 100
 127 46.9 37.9 56.9
 141 14.3 11.7 17.5



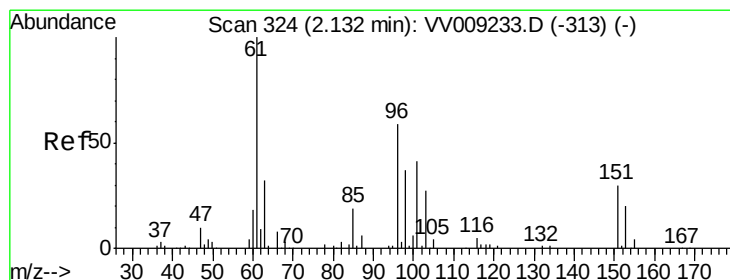
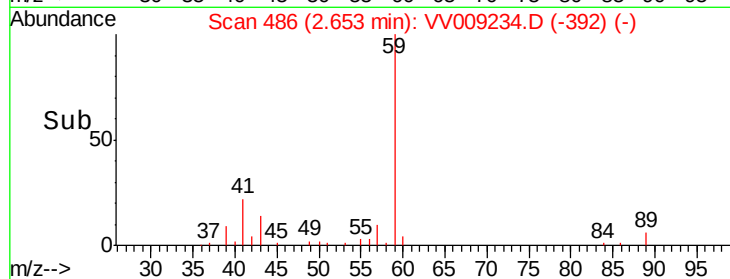
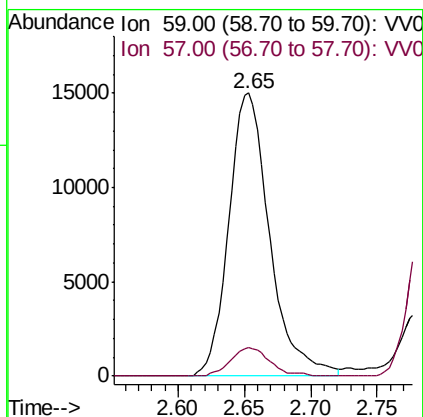
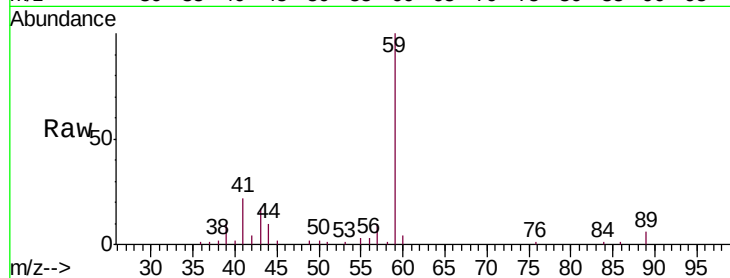


#11

Tert butyl alcohol
 Concen: 342.207 ug/l
 RT: 2.65 min Scan# 486
 Delta R.T. 0.00 min
 Lab File: VV009234.D
 Acq: 22 Jan 2019 13:52

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC100

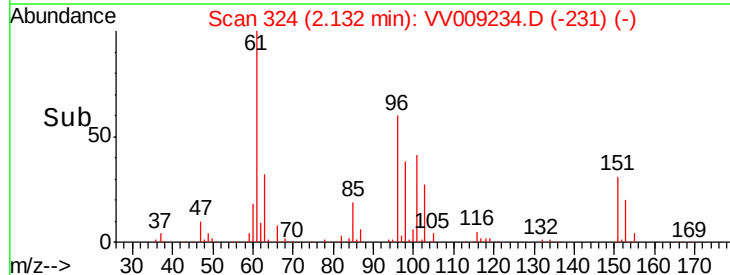
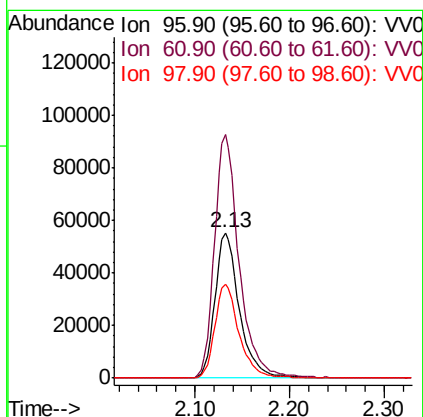
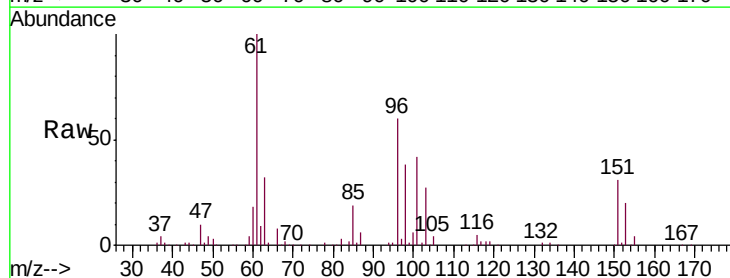
Tgt Ion: 59 Resp: 32132
 Ion Ratio Lower Upper
 59 100
 57 9.7 8.4 12.6

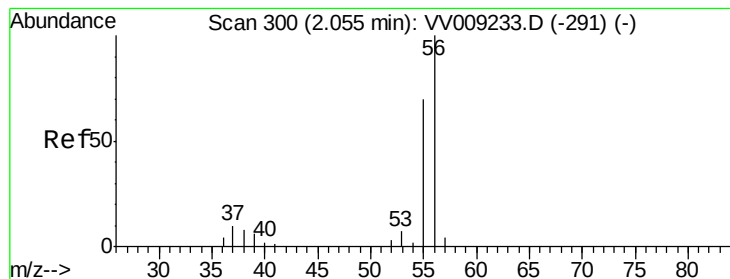


#12

1,1-Dichloroethene
 Concen: 100.700 ug/l
 RT: 2.13 min Scan# 324
 Delta R.T. 0.00 min
 Lab File: VV009234.D
 Acq: 22 Jan 2019 13:52

Tgt Ion: 96 Resp: 98842
 Ion Ratio Lower Upper
 96 100
 61 167.8 136.6 205.0
 98 64.6 50.6 75.8





#13

Acrolein

Concen: 426.127 ug/l

RT: 2.05 min Scan# 300

Delta R.T. 0.00 min

Lab File: VV009234.D

Acq: 22 Jan 2019 13:52

Instrument :

MSVOA_V

ClientSampleId :

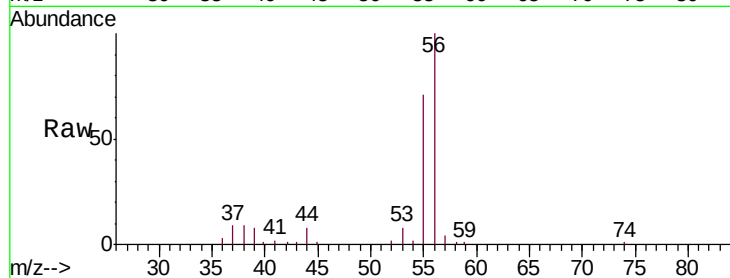
VSTDIC100

Tgt Ion: 56 Resp: 29001

Ion Ratio Lower Upper

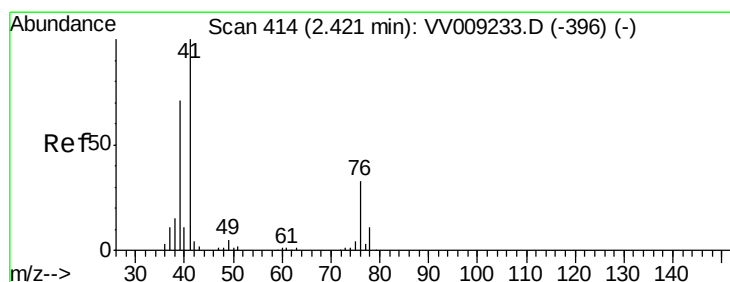
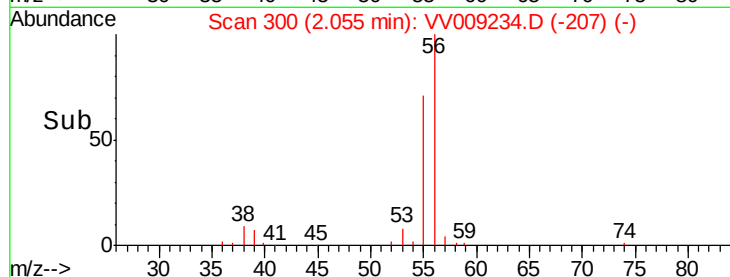
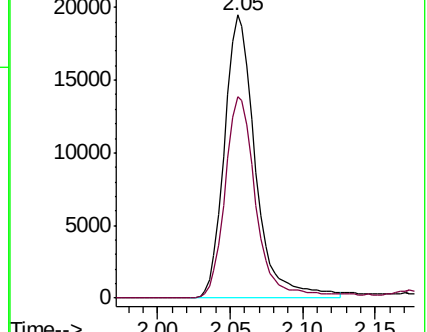
56 100

55 70.4 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) (-)



#14

Allyl chloride

Concen: 99.747 ug/l

RT: 2.42 min Scan# 413

Delta R.T. -0.00 min

Lab File: VV009234.D

Acq: 22 Jan 2019 13:52

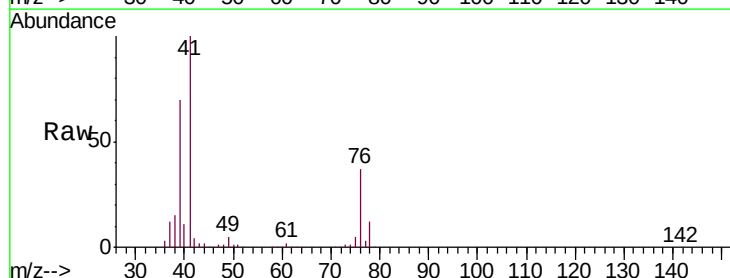
Tgt Ion: 41 Resp: 172121

Ion Ratio Lower Upper

41 100

39 69.7 55.1 82.7

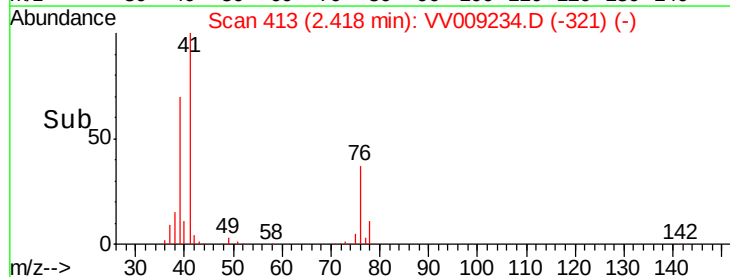
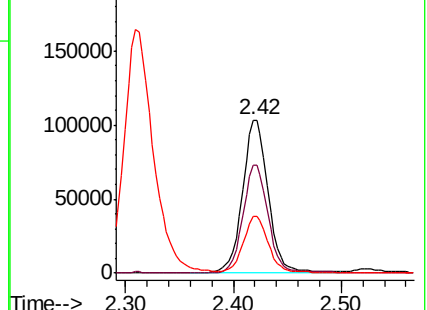
76 36.4 26.7 40.1

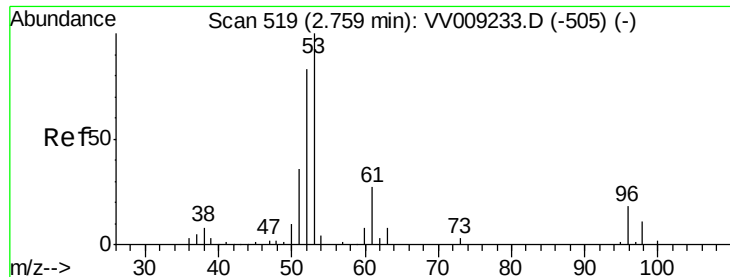


Abundance Ion 41.00 (40.70 to 41.70): VV009233.D (-396) (-)

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

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





#15

Acrylonitrile

Concen: 471.463 ug/l

RT: 2.76 min Scan# 518

Delta R.T. -0.00 min

Lab File: VV009234.D

Acq: 22 Jan 2019 13:52

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC100

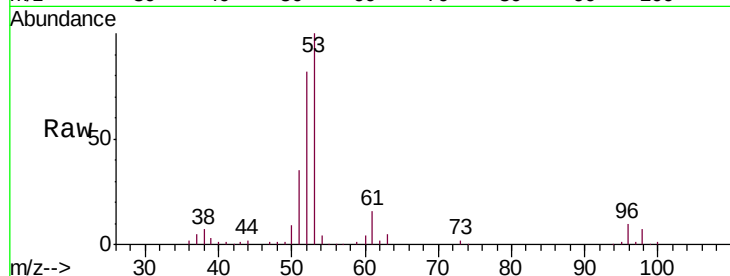
Tgt Ion: 53 Resp: 108425

Ion Ratio Lower Upper

53 100

52 81.2 65.3 97.9

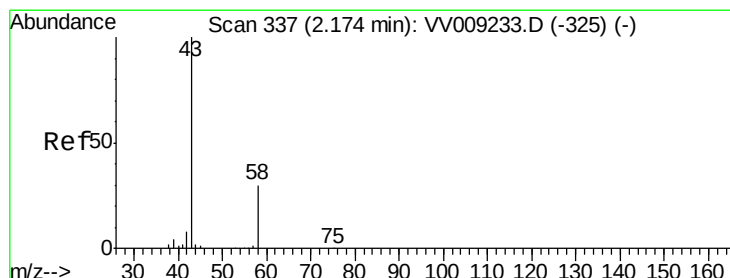
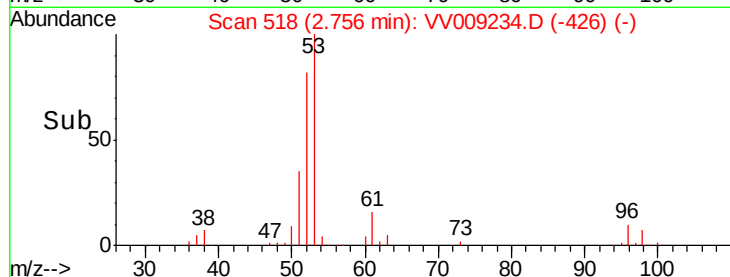
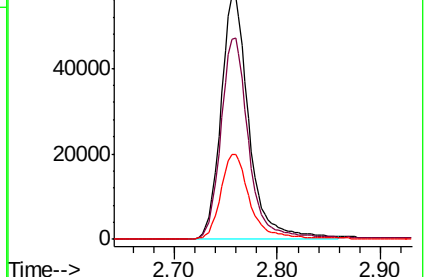
51 36.7 29.0 43.4



Abundance Ion 53.00 (52.70 to 53.70): VV009234.D (-505) (-)

Ion 52.00 (51.70 to 52.70): VV009234.D (-505) (-)

Ion 51.00 (50.70 to 51.70): VV009234.D (-505) (-)



#16

Acetone

Concen: 448.300 ug/l

RT: 2.17 min Scan# 337

Delta R.T. 0.00 min

Lab File: VV009234.D

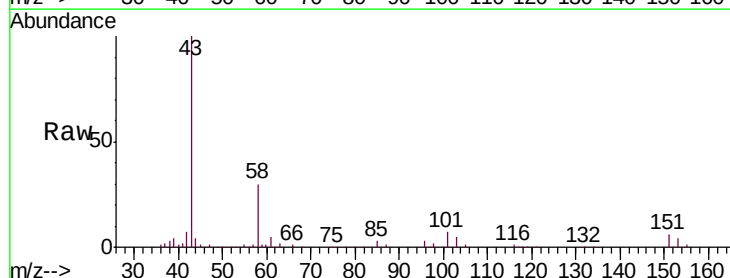
Acq: 22 Jan 2019 13:52

Tgt Ion: 43 Resp: 140824

Ion Ratio Lower Upper

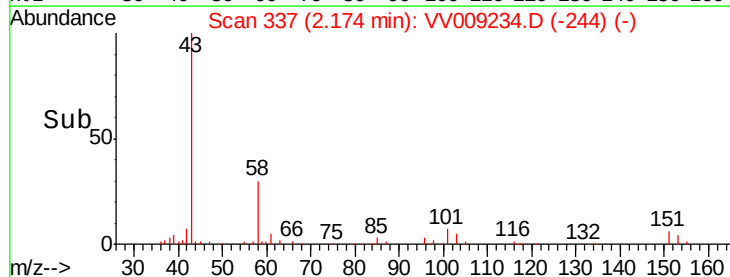
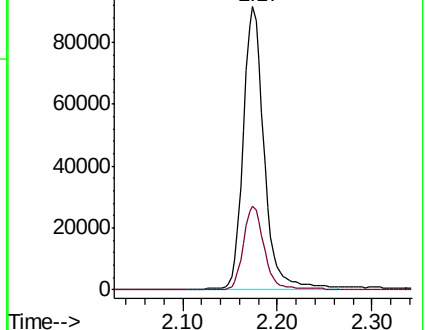
43 100

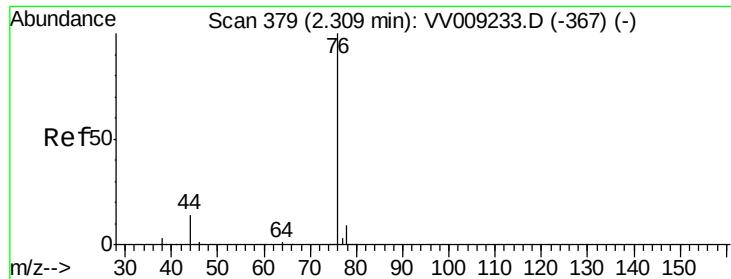
58 29.6 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VV009234.D (-244) (-)

Ion 58.00 (57.70 to 58.70): VV009234.D (-244) (-)





#17

Carbon Disulfide

Concen: 105.249 ug/l

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VV009234.D

Acq: 22 Jan 2019 13:52

Instrument :

MSVOA_V

ClientSampleId :

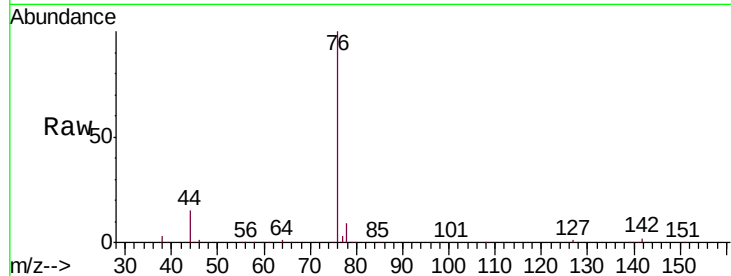
VSTDIC100

Tgt Ion: 76 Resp: 308294

Ion Ratio Lower Upper

76 100

78 8.9 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VV009234.D (-367) (-)

Ion 77.90 (77.60 to 78.60): VV009234.D (-367) (-)

2.31

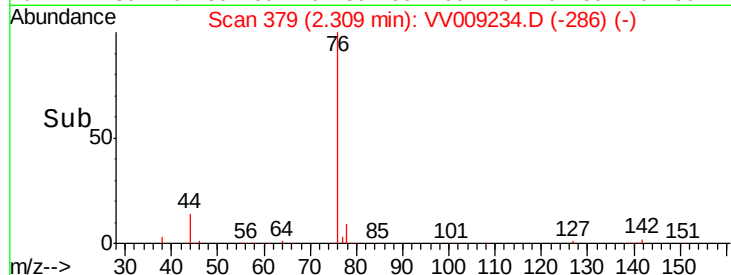
150000

100000

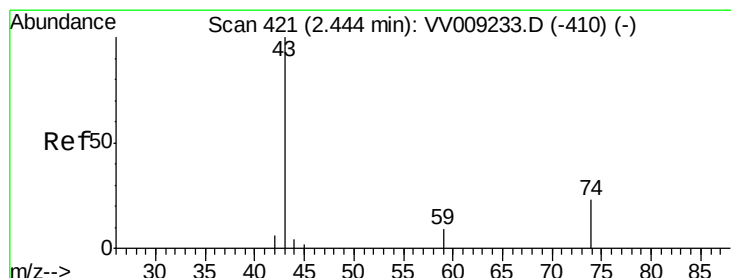
50000

0

Time-->



Time-->



#18

Methyl Acetate

Concen: 86.174 ug/l

RT: 2.44 min Scan# 421

Delta R.T. 0.00 min

Lab File: VV009234.D

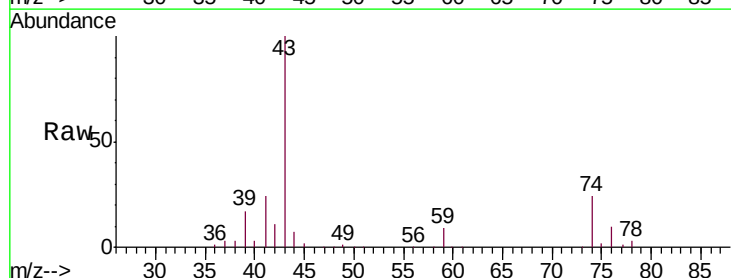
Acq: 22 Jan 2019 13:52

Tgt Ion: 43 Resp: 70300

Ion Ratio Lower Upper

43 100

74 23.4 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VV009234.D (-410) (-)

Ion 74.00 (73.70 to 74.70): VV009234.D (-410) (-)

50000

40000

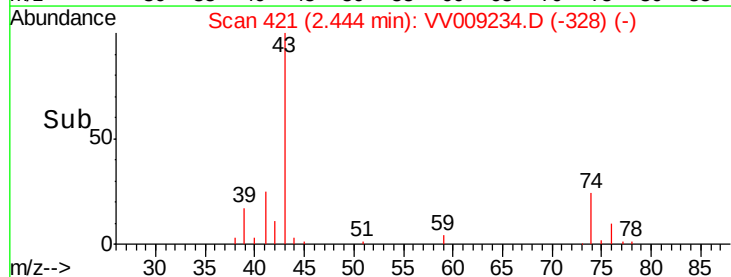
30000

20000

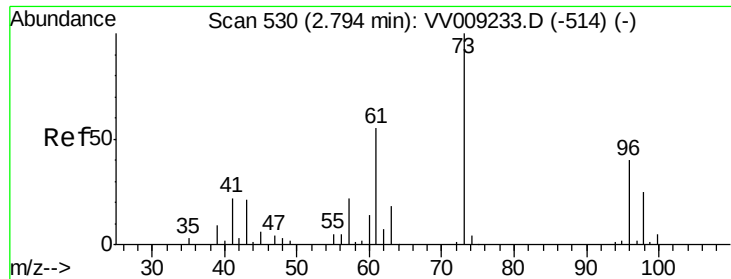
10000

0

Time-->



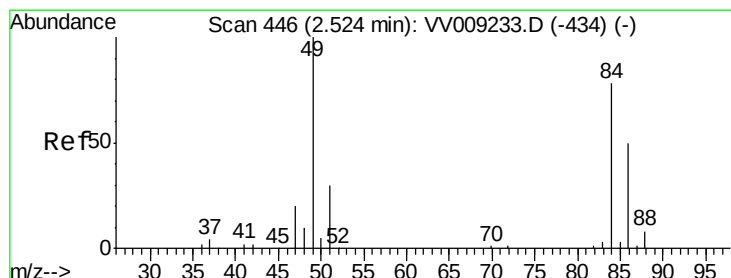
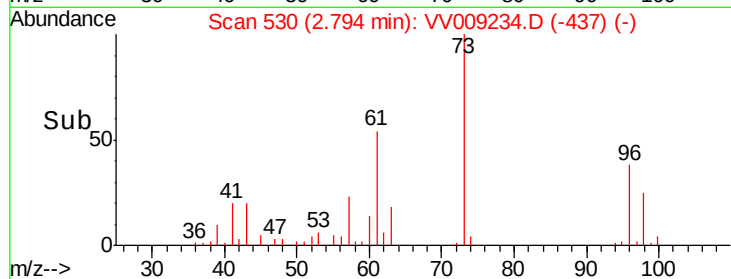
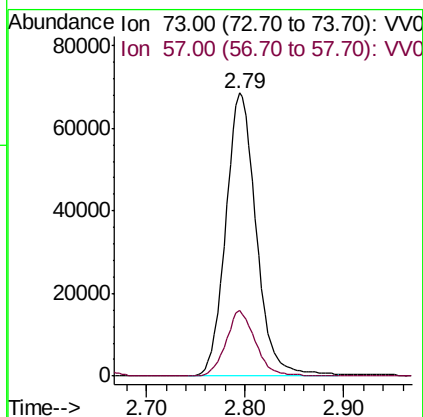
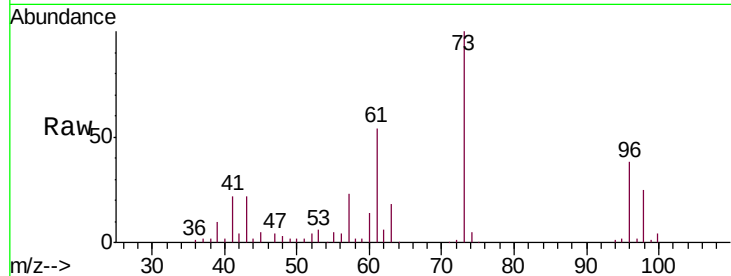
Time-->



#19
Methyl tert-butyl Ether
Concen: 96.345 ug/l
RT: 2.79 min Scan# 530
Delta R.T. 0.00 min
Lab File: VV009234.D
Acq: 22 Jan 2019 13:52

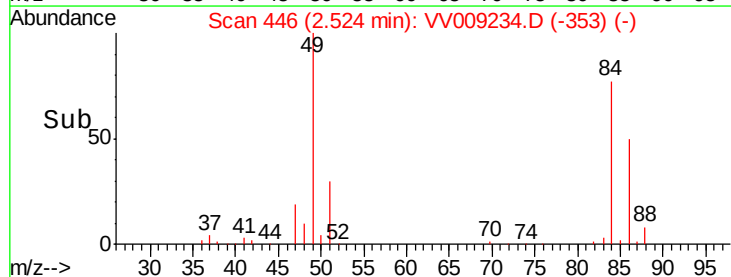
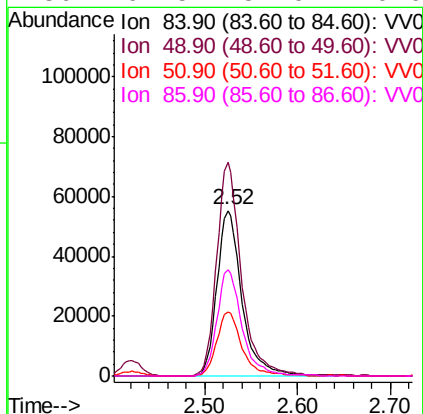
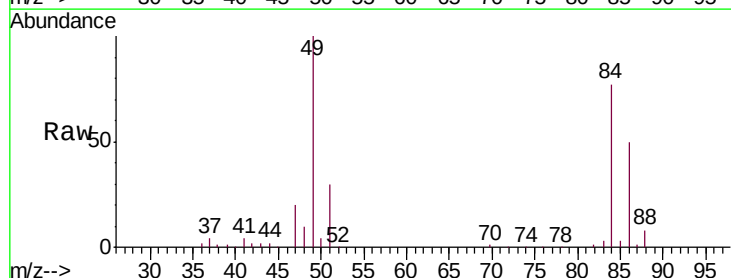
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

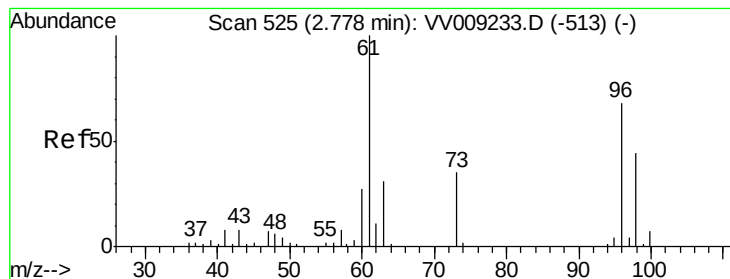
Tgt Ion: 73 Resp: 148127
Ion Ratio Lower Upper
73 100
57 23.2 18.0 27.0



#20
Methylene Chloride
Concen: 87.155 ug/l
RT: 2.52 min Scan# 446
Delta R.T. 0.00 min
Lab File: VV009234.D
Acq: 22 Jan 2019 13:52

Tgt Ion: 84 Resp: 103534
Ion Ratio Lower Upper
84 100
49 129.0 102.0 153.0
51 38.9 30.9 46.3
86 64.5 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 101.088 ug/l

RT: 2.78 min Scan# 525

Delta R.T. 0.00 min

Lab File: VV009234.D

Acq: 22 Jan 2019 13:52

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC100

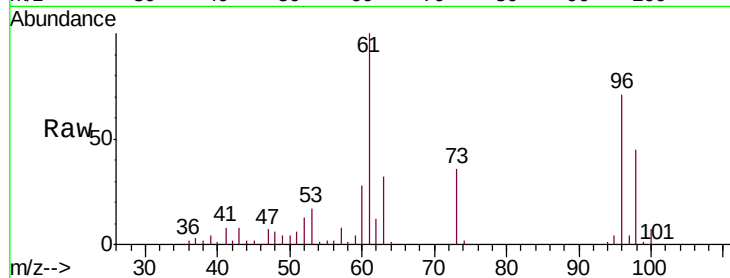
Tgt Ion: 96 Resp: 107290

Ion Ratio Lower Upper

96 100

61 141.1 117.7 176.5

98 63.7 51.5 77.3

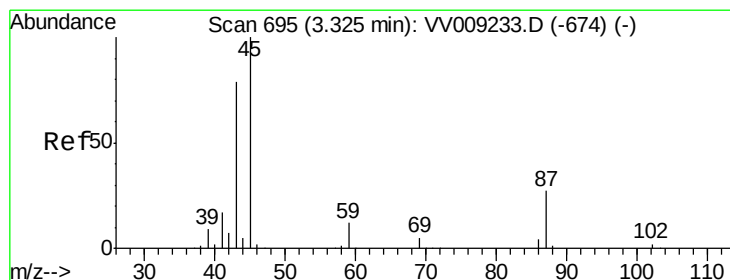
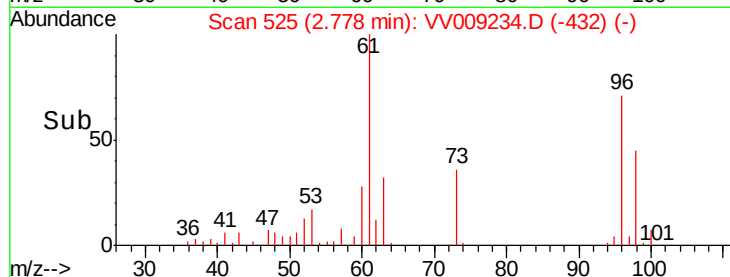
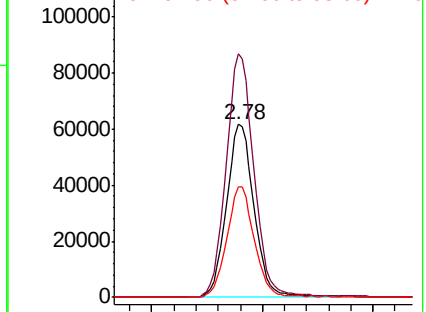


Abundance

Ion 95.90 (95.60 to 96.60): VV0

Ion 60.90 (60.60 to 61.60): VV0

Ion 97.90 (97.60 to 98.60): VV0



#22

Diisopropyl ether

Concen: 96.435 ug/l

RT: 3.33 min Scan# 695

Delta R.T. 0.00 min

Lab File: VV009234.D

Acq: 22 Jan 2019 13:52

Tgt Ion: 45 Resp: 370496

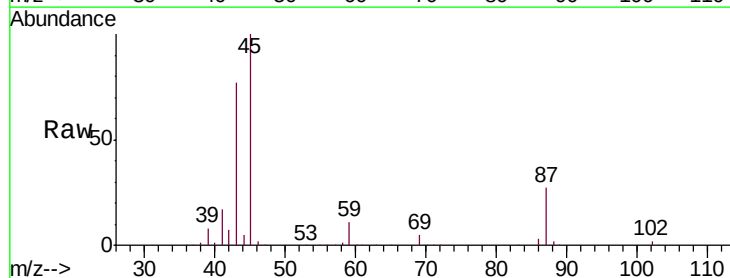
Ion Ratio Lower Upper

45 100

43 76.0 63.0 94.4

87 27.3 21.5 32.3

59 11.2 9.3 13.9



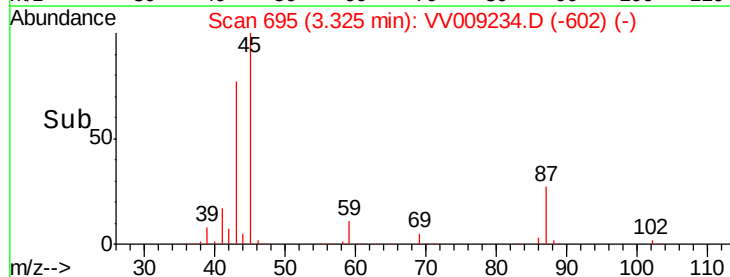
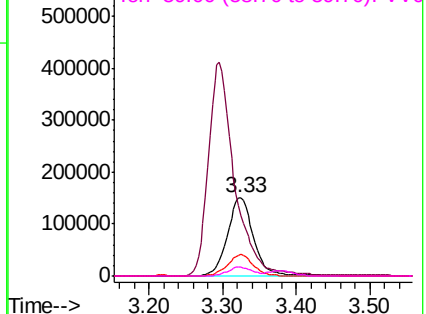
Abundance

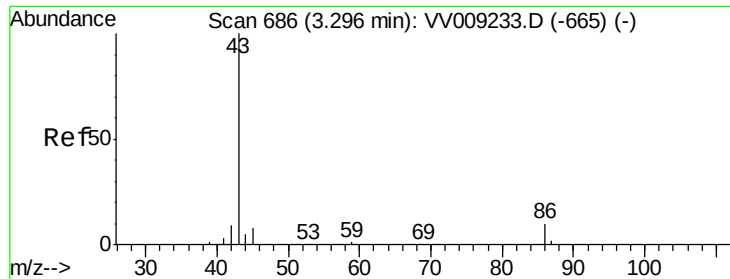
Ion 45.00 (44.70 to 45.70): VV0

Ion 43.00 (42.70 to 43.70): VV0

Ion 87.00 (86.70 to 87.70): VV0

Ion 59.00 (58.70 to 59.70): VV0





#23

Vinyl Acetate

Concen: 483.477 ug/l

RT: 3.30 min Scan# 686

Delta R.T. 0.00 min

Lab File: VV009234.D

Acq: 22 Jan 2019 13:52

Instrument :

MSVOA_V

ClientSampleId :

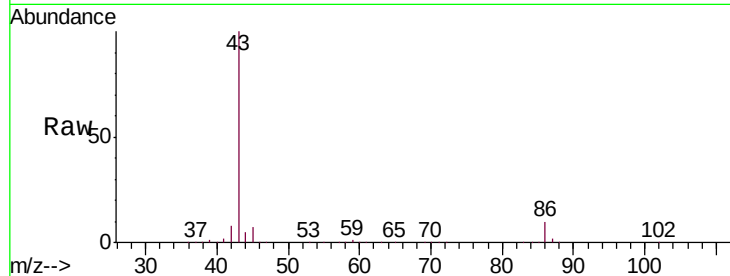
VSTDIC100

Tgt Ion: 43 Resp: 1025273

Ion Ratio Lower Upper

43 100

86 10.2 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

400000

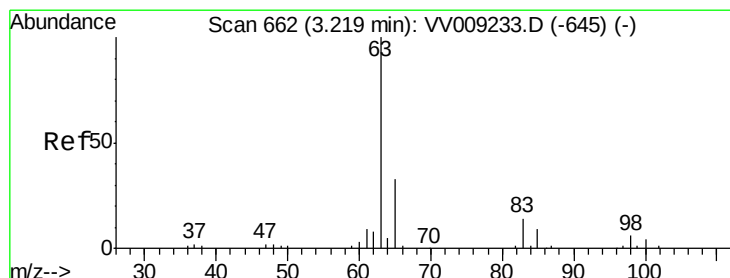
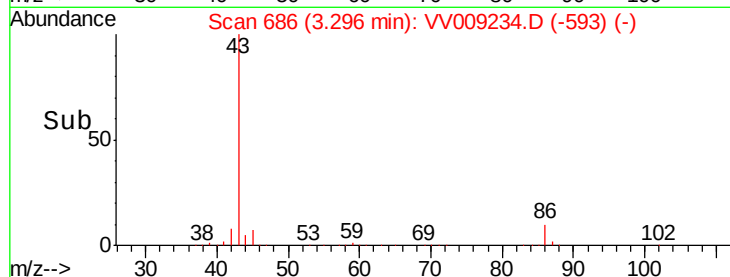
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 97.769 ug/l

RT: 3.22 min Scan# 661

Delta R.T. -0.00 min

Lab File: VV009234.D

Acq: 22 Jan 2019 13:52

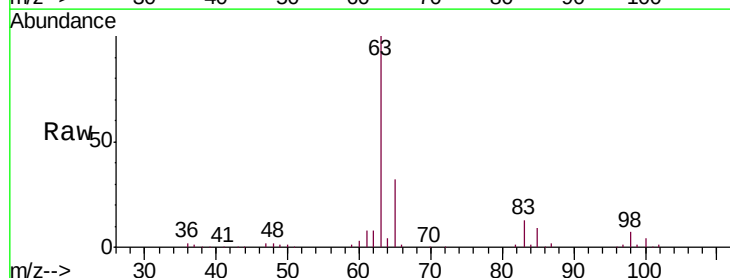
Tgt Ion: 63 Resp: 227856

Ion Ratio Lower Upper

63 100

98 6.8 3.3 9.8

100 4.1 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) (-)

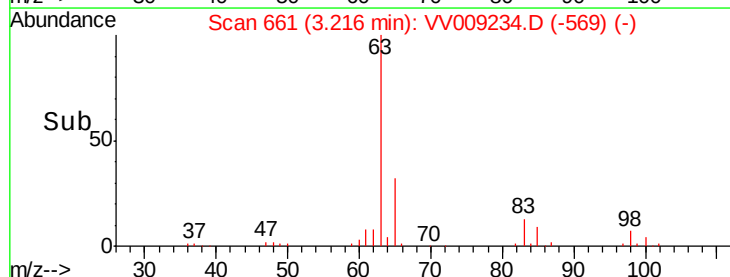
3.22

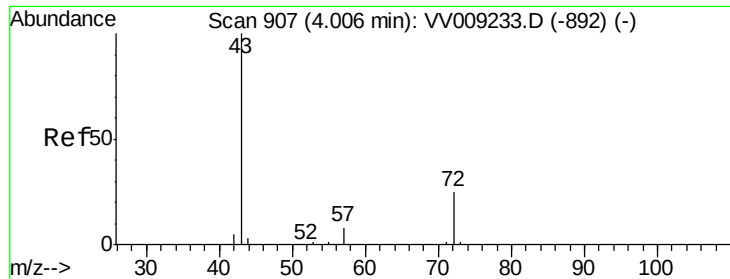
100000

50000

0

Time-->





#25

2-Butanone

Concen: 474.586 ug/l

RT: 4.01 min Scan# 907

Delta R.T. 0.00 min

Lab File: VV009234.D

Acq: 22 Jan 2019 13:52

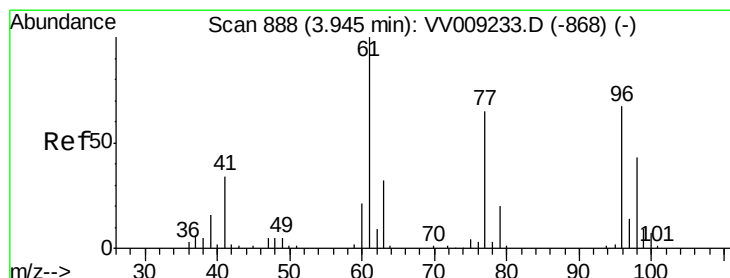
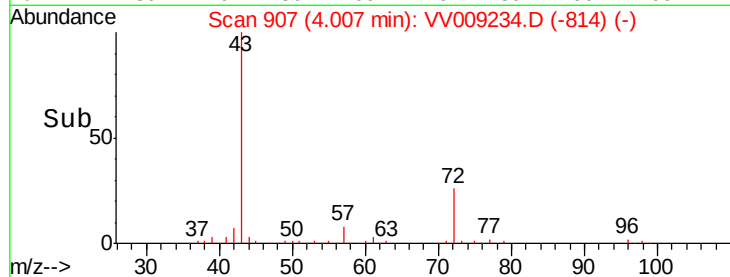
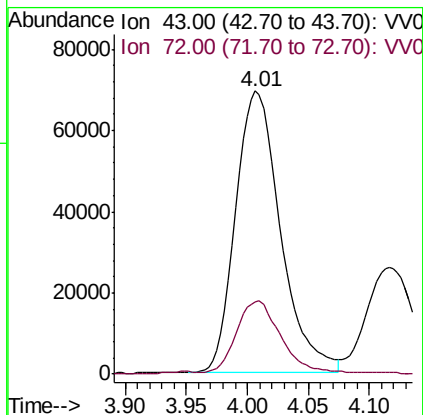
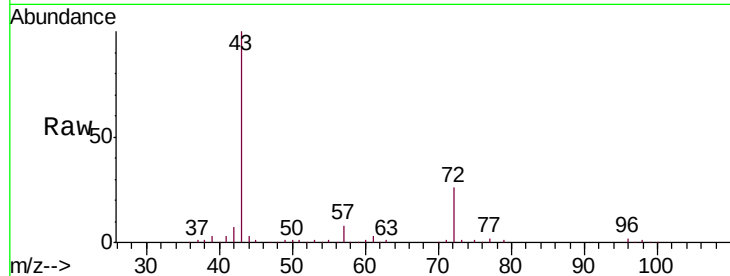
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

Tgt Ion: 43 Resp: 176843

Ion Ratio Lower Upper

43 100

72 24.9 20.2 30.4



#26

2,2-Dichloropropane

Concen: 112.703 ug/l

RT: 3.95 min Scan# 888

Delta R.T. 0.00 min

Lab File: VV009234.D

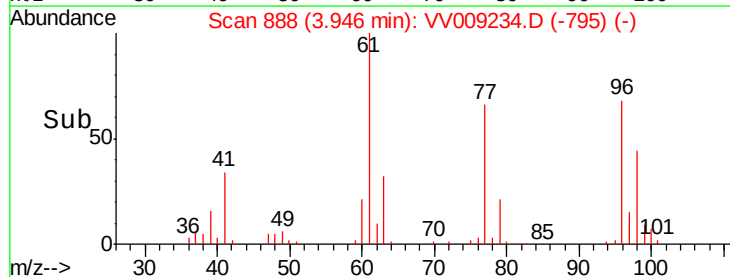
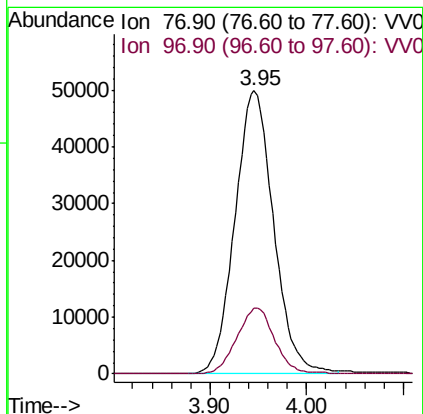
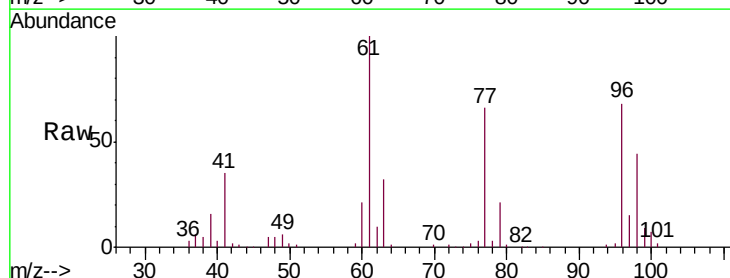
Acq: 22 Jan 2019 13:52

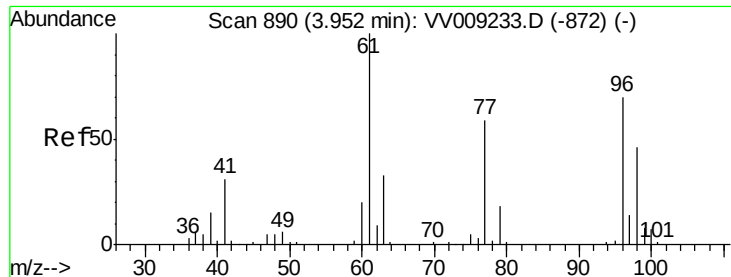
Tgt Ion: 77 Resp: 138858

Ion Ratio Lower Upper

77 100

97 22.7 10.9 32.6



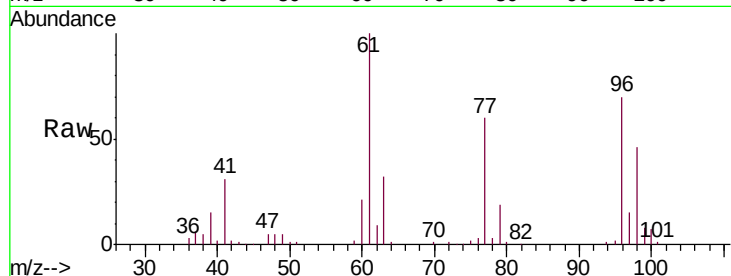


#27

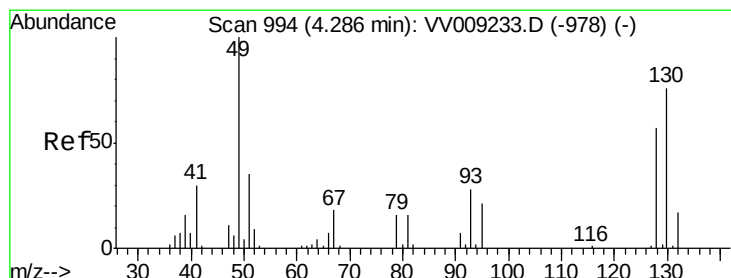
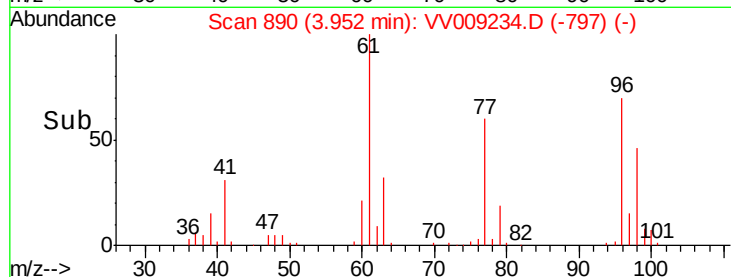
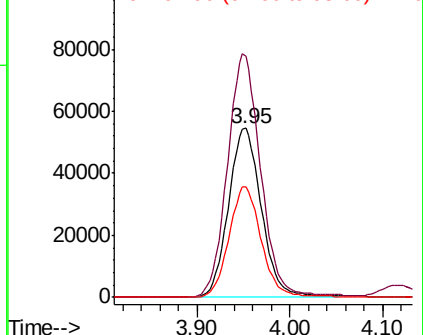
cis-1,2-Dichloroethene
Concen: 100.275 ug/l
RT: 3.95 min Scan# 890
Delta R.T. 0.00 min
Lab File: VV009234.D
Acq: 22 Jan 2019 13:52

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

Tgt Ion: 96 Resp: 134271
Ion Ratio Lower Upper
96 100
61 146.0 0.0 296.4
98 64.7 0.0 130.0



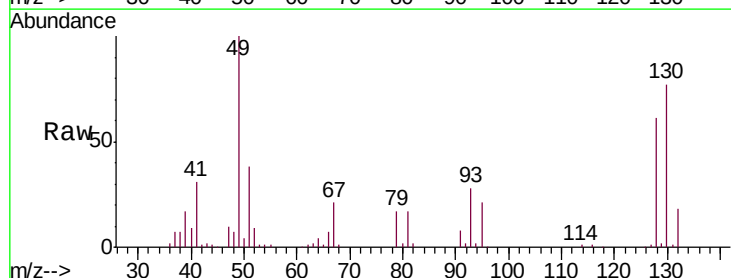
Abundance Ion 95.90 (95.60 to 96.60): VV0
Ion 60.90 (60.60 to 61.60): VV0
Ion 97.90 (97.60 to 98.60): VV0



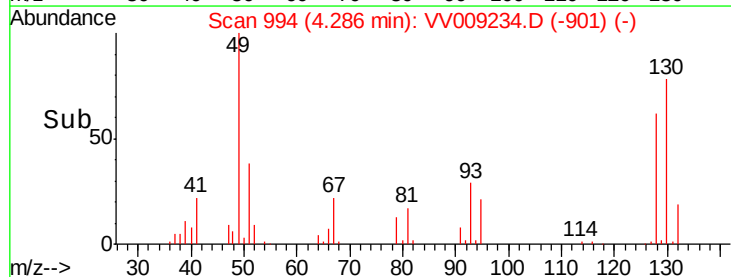
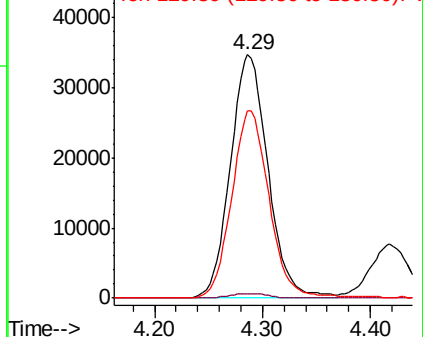
#28

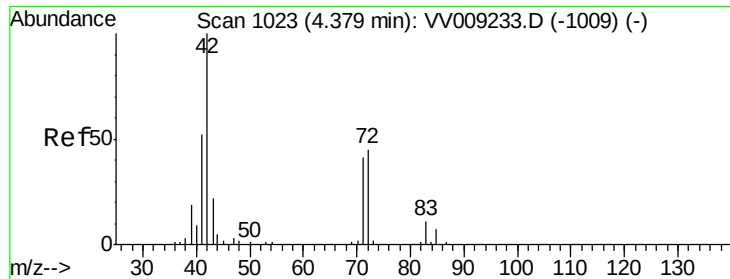
Bromochloromethane
Concen: 94.288 ug/l
RT: 4.29 min Scan# 994
Delta R.T. 0.00 min
Lab File: VV009234.D
Acq: 22 Jan 2019 13:52

Tgt Ion: 49 Resp: 84370
Ion Ratio Lower Upper
49 100
129 1.8 0.0 3.6
130 76.4 60.2 90.4



Abundance Ion 48.90 (48.60 to 49.60): VV0
Ion 128.80 (128.50 to 129.50): VV0
Ion 129.80 (129.50 to 130.50): VV0

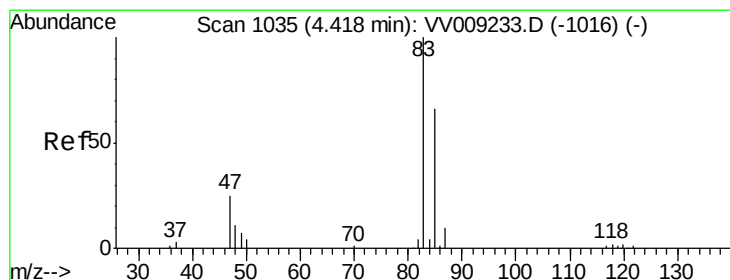
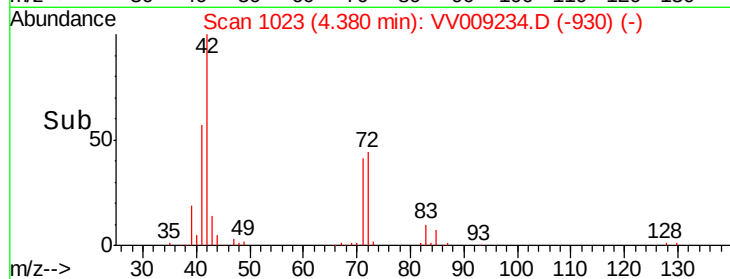
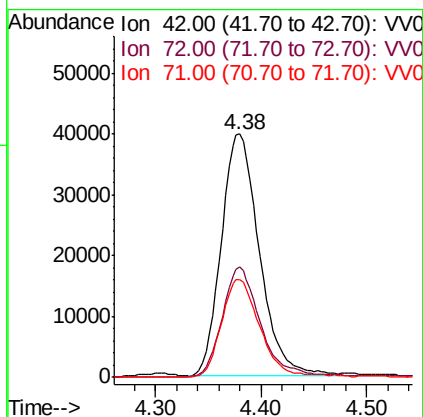
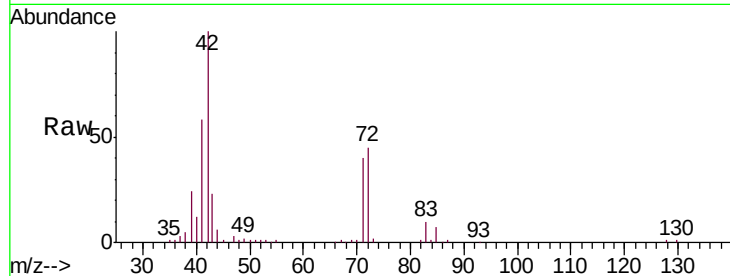




#29
Tetrahydrofuran
Concen: 463.963 ug/l
RT: 4.38 min Scan# 1023
Delta R.T. 0.00 min
Lab File: VV009234.D
Acq: 22 Jan 2019 13:52

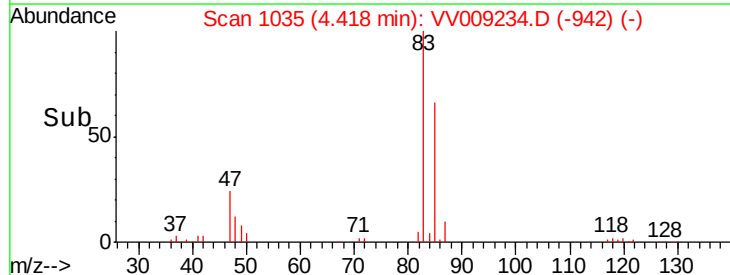
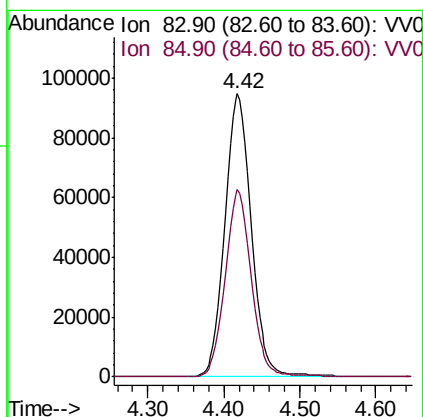
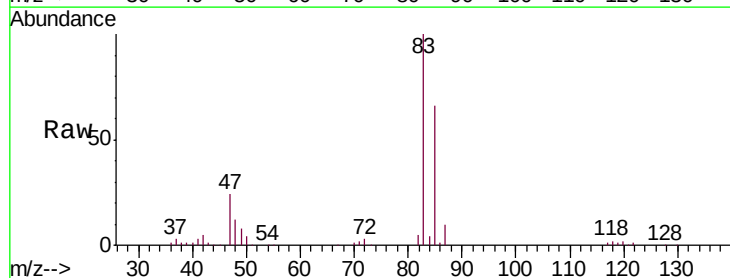
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

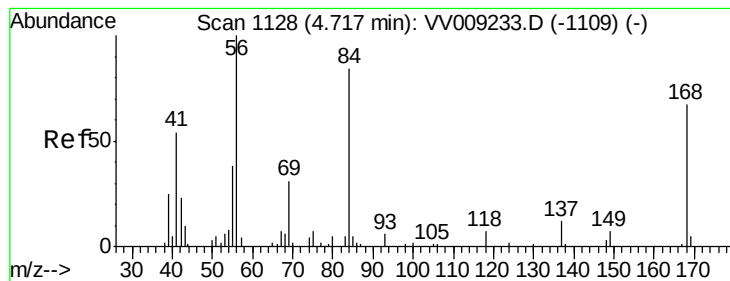
Tgt Ion: 42 Resp: 99040
Ion Ratio Lower Upper
42 100
72 46.6 37.7 56.5
71 41.3 31.5 47.3



#30
Chloroform
Concen: 95.056 ug/l
RT: 4.42 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VV009234.D
Acq: 22 Jan 2019 13:52

Tgt Ion: 83 Resp: 230241
Ion Ratio Lower Upper
83 100
85 66.2 52.6 79.0





#31

Cyclohexane

Concen: 94.806 ug/l

RT: 4.72 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VV009234.D

Acq: 22 Jan 2019 13:52

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC100

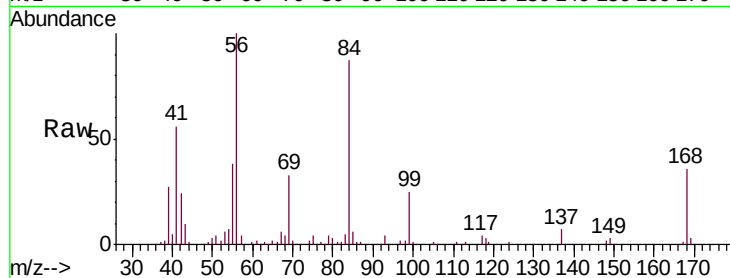
Tgt Ion: 56 Resp: 196903

Ion Ratio Lower Upper

56 100

69 32.5 25.1 37.7

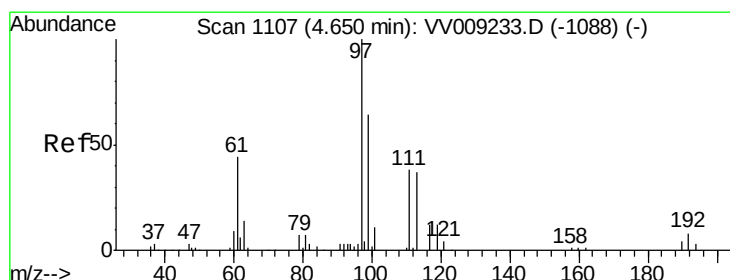
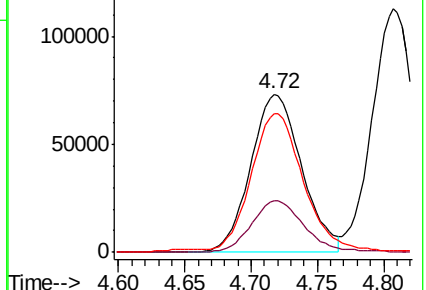
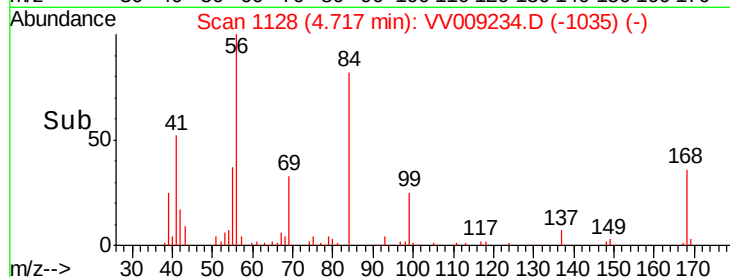
84 85.4 67.3 100.9



Abundance Ion 56.00 (55.70 to 56.70): VV009234.D (-1035) (-)

Ion 69.00 (68.70 to 69.70): VV009234.D (-1035) (-)

Ion 84.00 (83.70 to 84.70): VV009234.D (-1035) (-)



#32

1,1,1-Trichloroethane

Concen: 102.105 ug/l

RT: 4.65 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VV009234.D

Acq: 22 Jan 2019 13:52

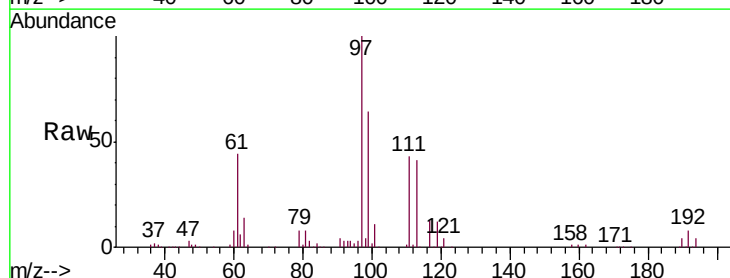
Tgt Ion: 97 Resp: 197322

Ion Ratio Lower Upper

97 100

99 62.7 50.2 75.2

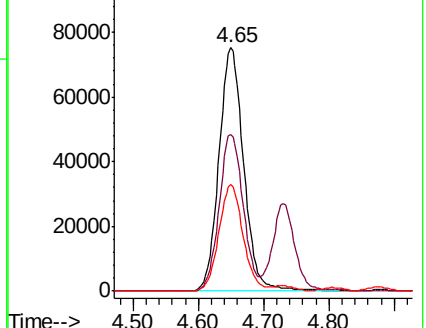
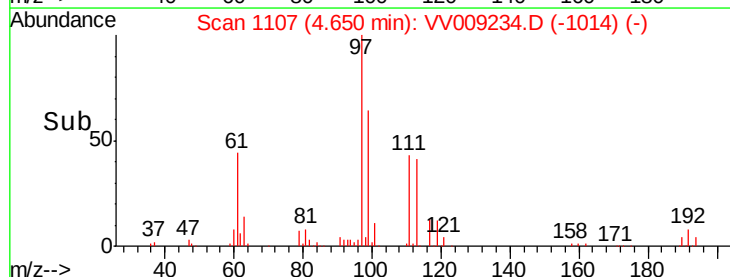
61 42.7 34.7 52.1

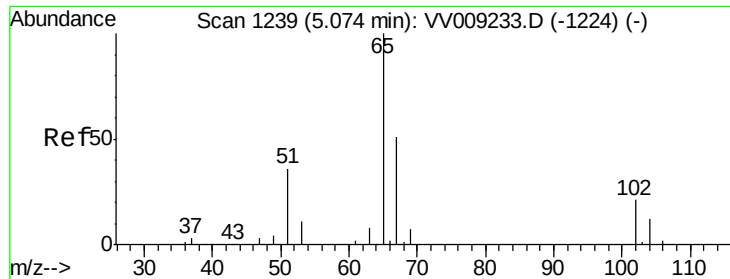


Abundance Ion 96.90 (96.60 to 97.60): VV009234.D (-1014) (-)

Ion 98.90 (98.60 to 99.60): VV009234.D (-1014) (-)

Ion 60.90 (60.60 to 61.60): VV009234.D (-1014) (-)

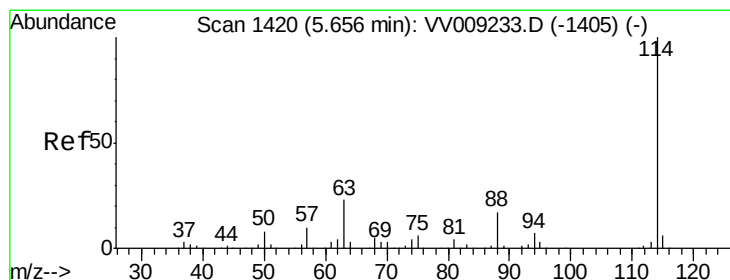
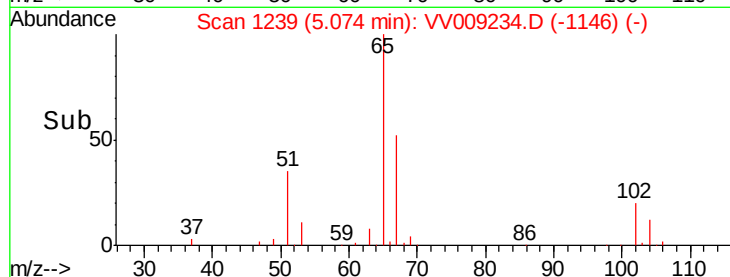
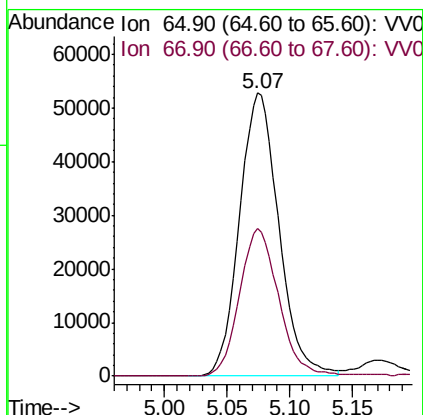
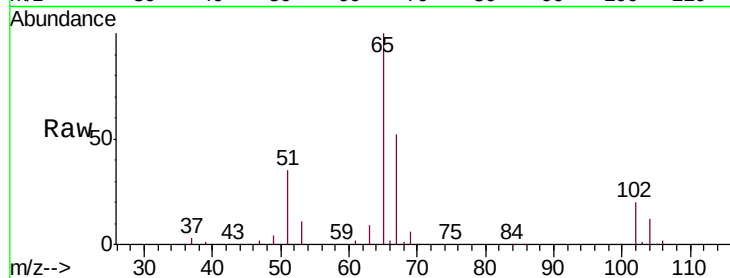




#33
 1,2-Dichloroethane-d4
 Concen: 89.940 ug/l
 RT: 5.07 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VV009234.D
 Acq: 22 Jan 2019 13:52

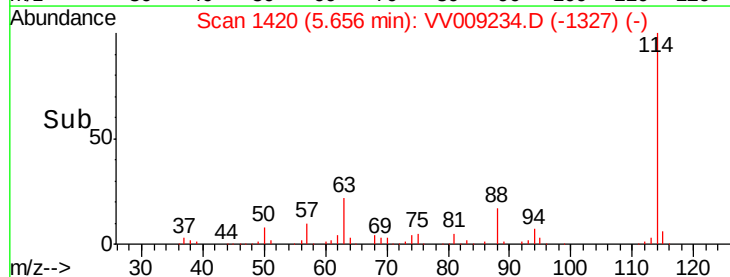
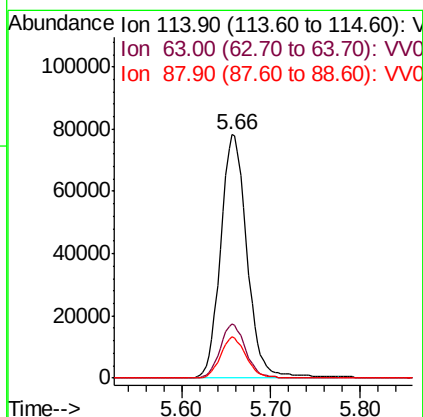
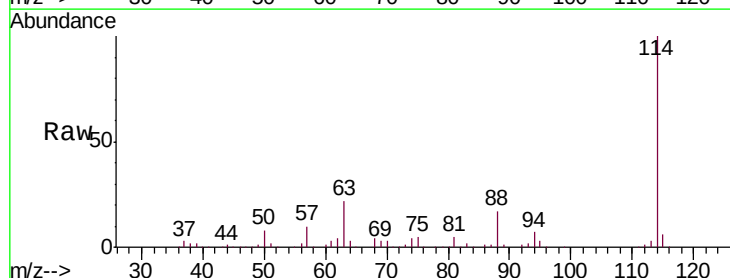
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC100

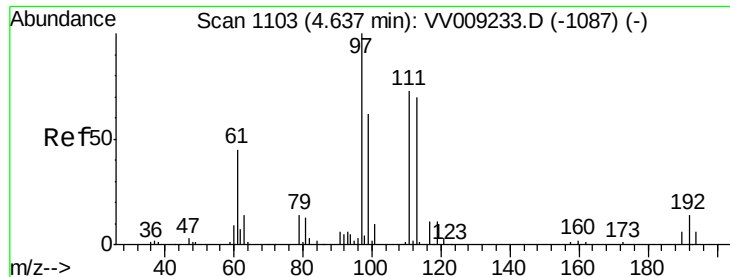
Tgt Ion: 65 Resp: 11552
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.66 min Scan# 1420
 Delta R.T. 0.00 min
 Lab File: VV009234.D
 Acq: 22 Jan 2019 13:52

Tgt Ion: 114 Resp: 160460
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 45.2
 88 16.9 0.0 33.4

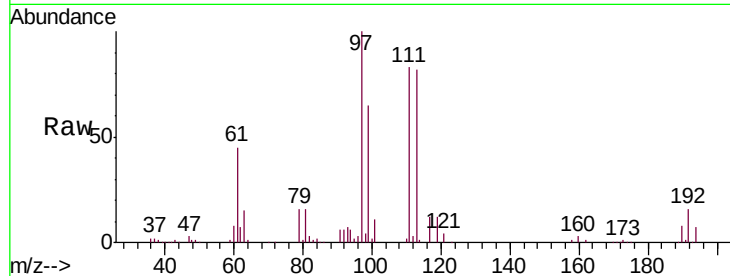




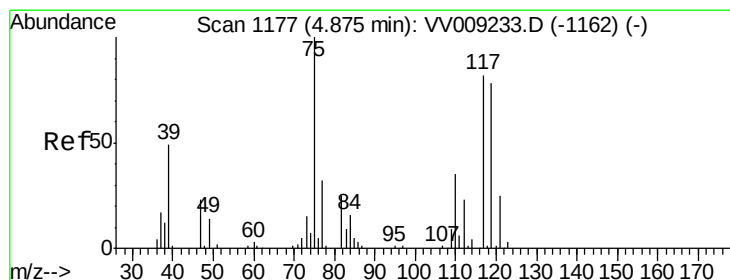
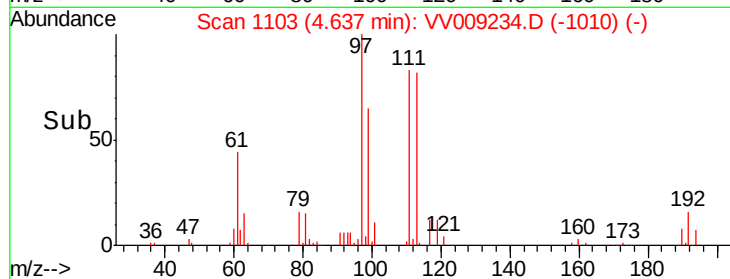
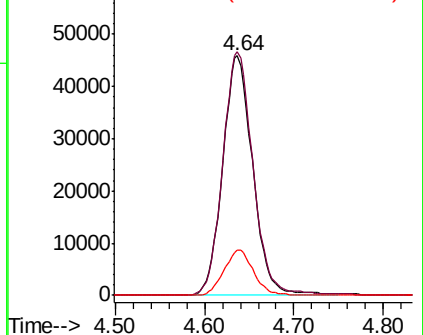
#35
 Dibromofluoromethane
 Concen: 100.505 ug/l
 RT: 4.64 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VV009234.D
 Acq: 22 Jan 2019 13:52

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC100

Tgt Ion:113 Resp: 106958
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.4 123.6
 192 18.6 15.0 22.6

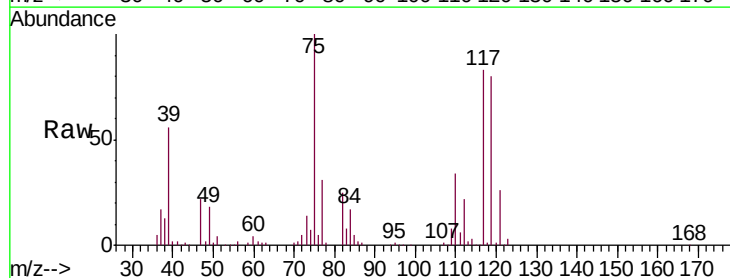


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

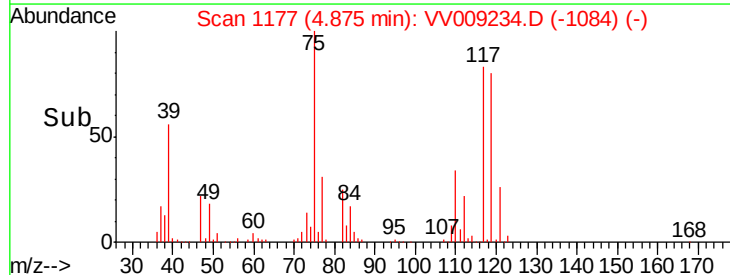
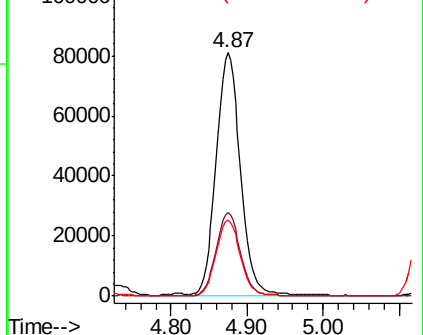


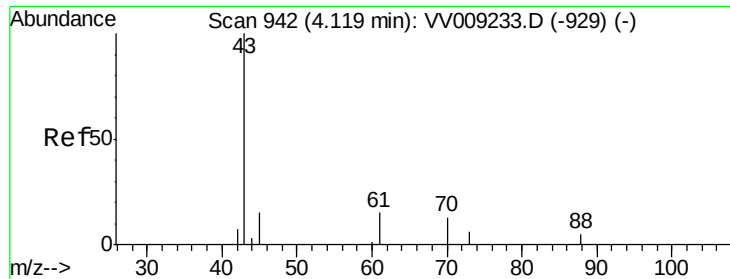
#36
 1,1-Dichloropropene
 Concen: 102.878 ug/l
 RT: 4.87 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: VV009234.D
 Acq: 22 Jan 2019 13:52

Tgt Ion: 75 Resp: 178742
 Ion Ratio Lower Upper
 75 100
 110 34.7 17.5 52.5
 77 30.9 25.5 38.3



Abundance Ion 74.90 (74.60 to 75.60): VV0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VV0

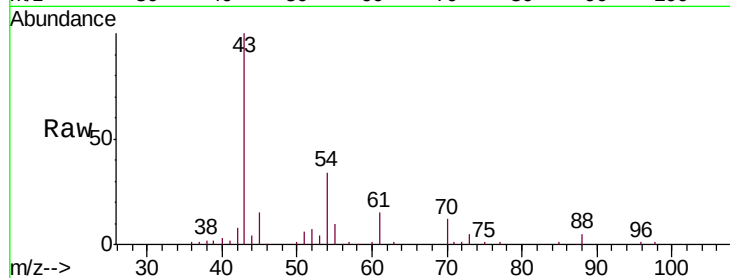




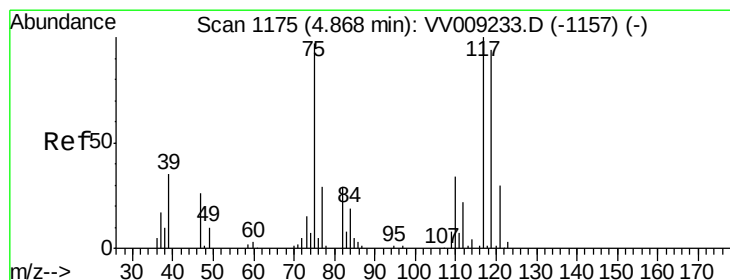
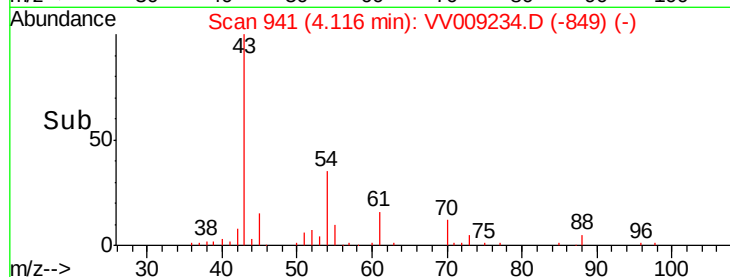
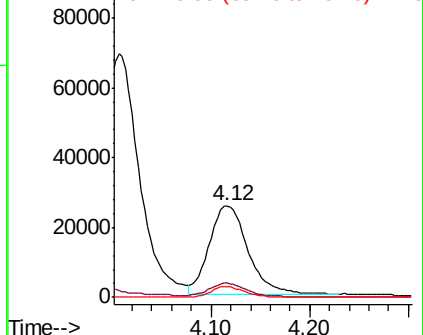
#37
Ethyl Acetate
Concen: 96.742 ug/l
RT: 4.12 min Scan# 941
Delta R.T. -0.00 min
Lab File: VV009234.D
Acq: 22 Jan 2019 13:52

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

Tgt Ion: 43 Resp: 70208
Ion Ratio Lower Upper
43 100
61 14.9 12.0 18.0
70 10.6 8.7 13.1

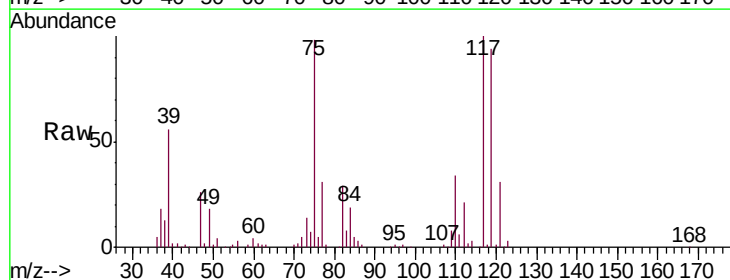


Abundance Ion 43.00 (42.70 to 43.70): VV0
Ion 60.90 (60.60 to 61.60): VV0
Ion 70.00 (69.70 to 70.70): VV0

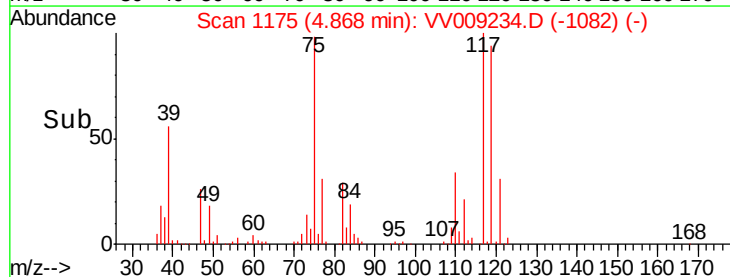
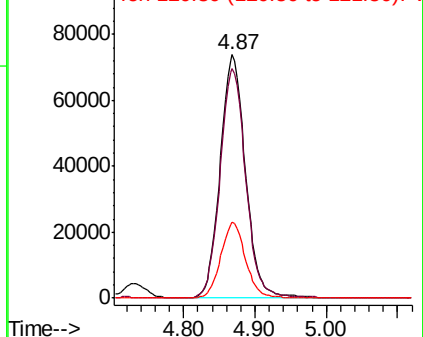


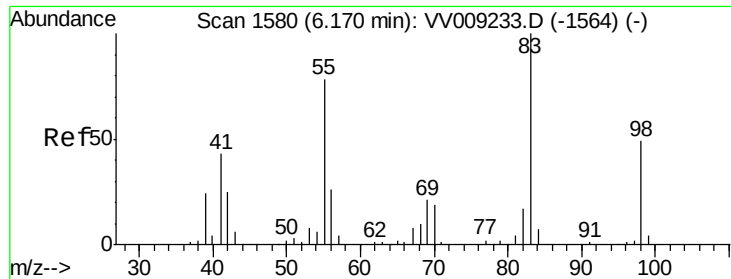
#38
Carbon Tetrachloride
Concen: 105.569 ug/l
RT: 4.87 min Scan# 1175
Delta R.T. 0.00 min
Lab File: VV009234.D
Acq: 22 Jan 2019 13:52

Tgt Ion: 117 Resp: 182261
Ion Ratio Lower Upper
117 100
119 94.2 75.4 113.2
121 31.3 24.2 36.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

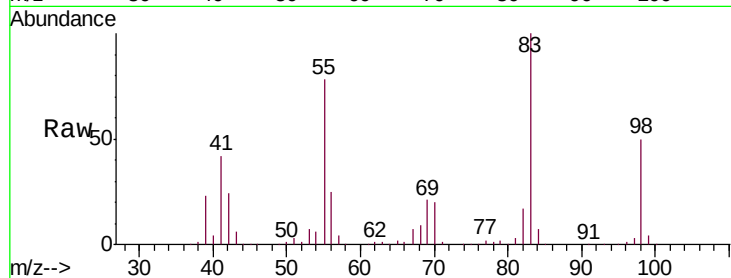




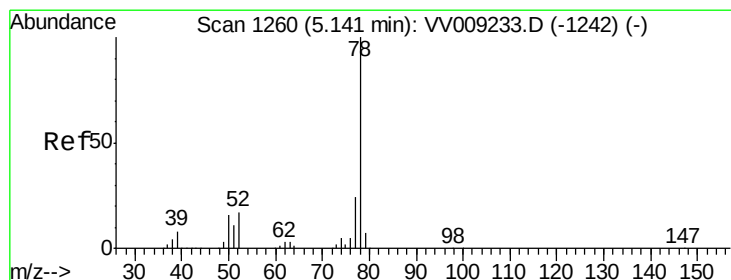
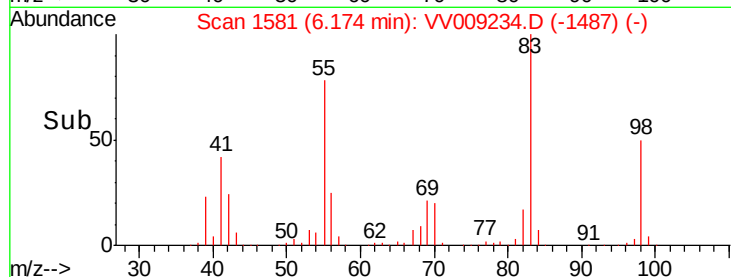
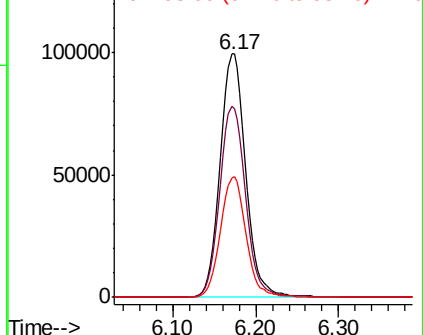
#39
Methylcyclohexane
Concen: 106.584 ug/l
RT: 6.17 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VV009234.D
Acq: 22 Jan 2019 13:52

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Lower	Upper
83	100		
55	77.7	62.8	94.2
98	49.7	39.1	58.7

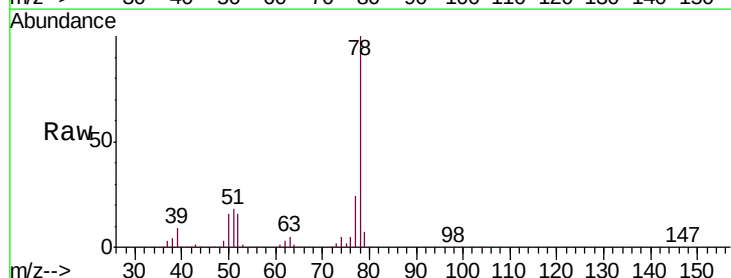


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

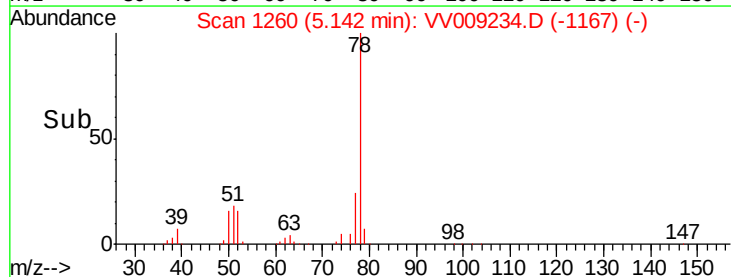
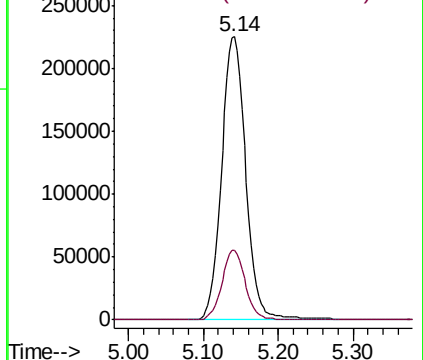


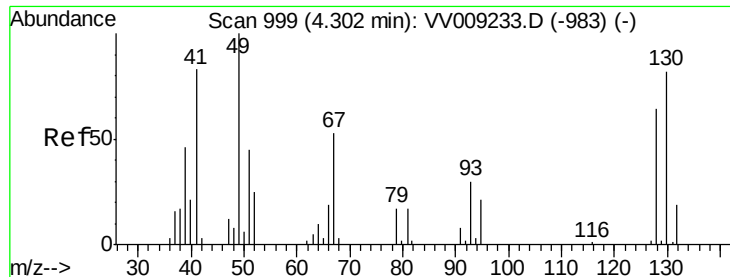
#40
Benzene
Concen: 102.410 ug/l
RT: 5.14 min Scan# 1260
Delta R.T. 0.00 min
Lab File: VV009234.D
Acq: 22 Jan 2019 13:52

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.4	29.2



Abundance Ion 78.00 (77.70 to 78.70): VV0
Ion 77.00 (76.70 to 77.70): VV0

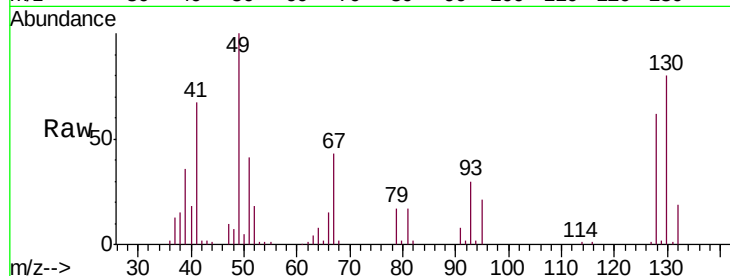




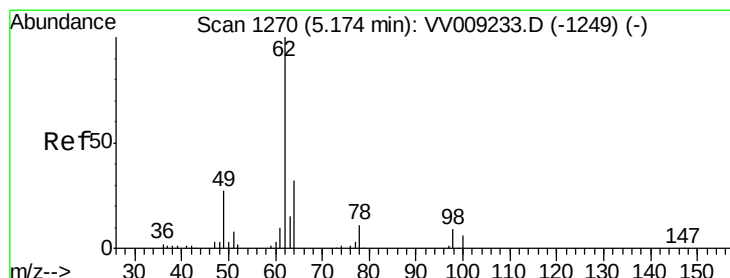
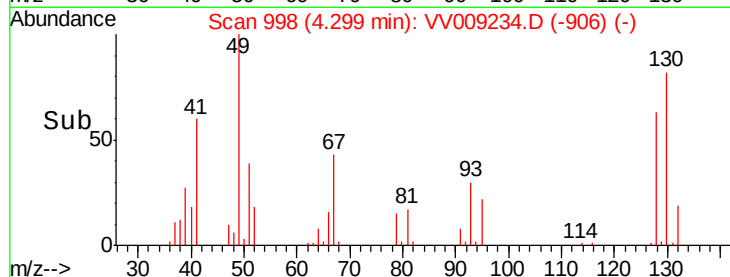
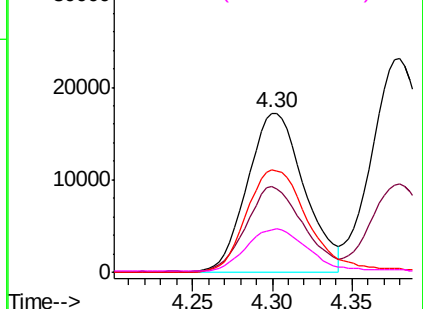
#41
Methacrylonitrile
Concen: 99.641 ug/l
RT: 4.30 min Scan# 998
Delta R.T. -0.00 min
Lab File: VV009234.D
Acq: 22 Jan 2019 13:52

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

Tgt Ion:	41	Resp:	42343
Ion	Ratio	Lower	Upper
41	100		
39	54.1	45.4	68.0
67	70.3	55.5	83.3
52	28.3	25.2	37.8

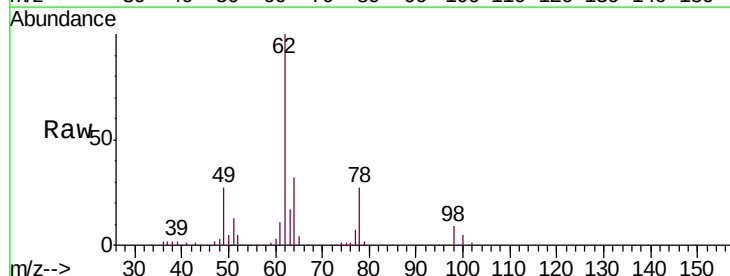


Abundance Ion 41.00 (40.70 to 41.70): VV0
Ion 39.00 (38.70 to 39.70): VV0
Ion 67.00 (66.70 to 67.70): VV0
Ion 52.00 (51.70 to 52.70): VV0

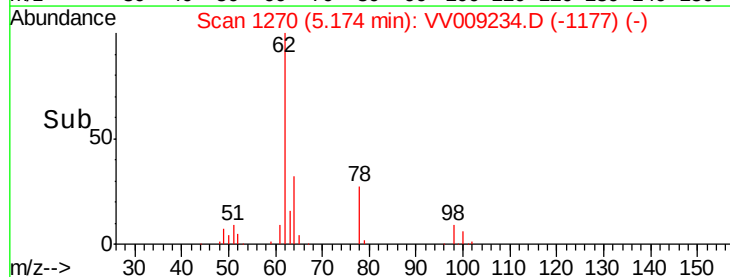
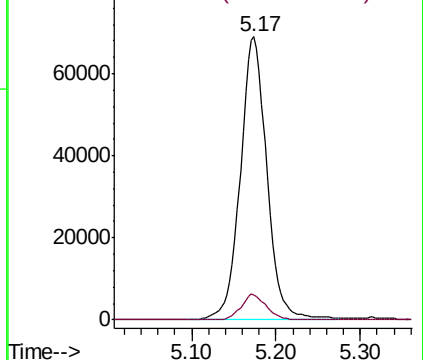


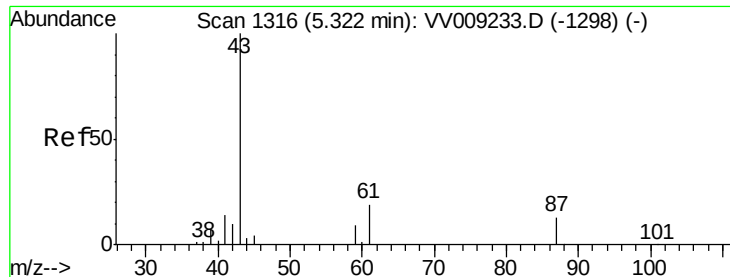
#42
1,2-Dichloroethane
Concen: 92.702 ug/l
RT: 5.17 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VV009234.D
Acq: 22 Jan 2019 13:52

Tgt Ion:	62	Resp:	151791
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	16.4



Abundance Ion 61.90 (61.60 to 62.60): VV0
Ion 97.90 (97.60 to 98.60): VV0





#43

Isopropyl Acetate

Concen: 94.250 ug/l

RT: 5.32 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VV009234.D

Acq: 22 Jan 2019 13:52

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC100

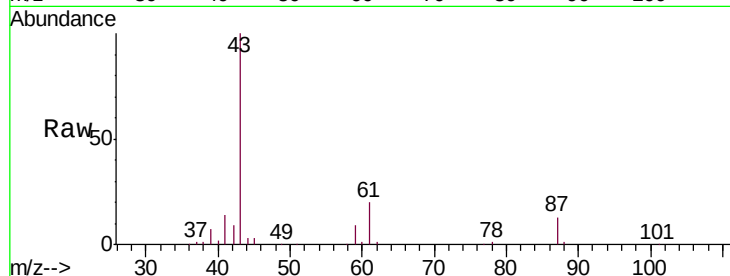
Tgt Ion: 43 Resp: 135917

Ion Ratio Lower Upper

43 100

61 20.3 15.4 23.0

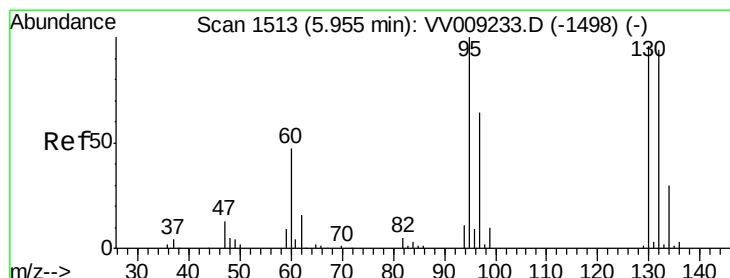
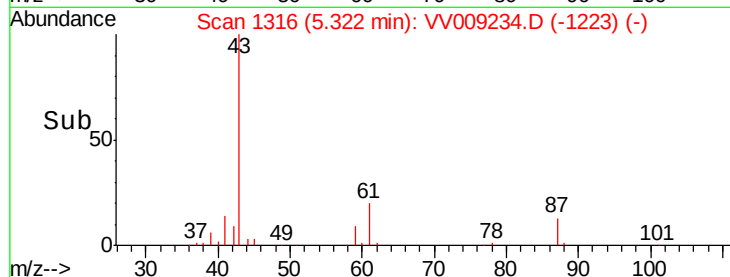
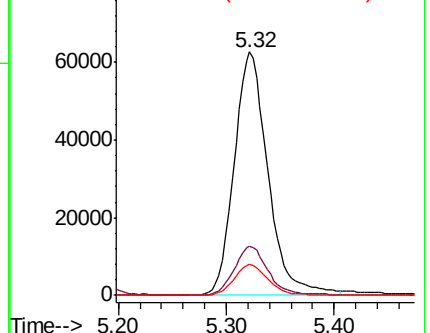
87 13.0 9.9 14.9



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: 104.245 ug/l

RT: 5.96 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VV009234.D

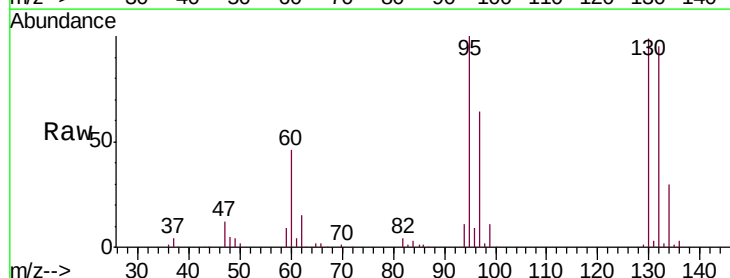
Acq: 22 Jan 2019 13:52

Tgt Ion: 130 Resp: 131717

Ion Ratio Lower Upper

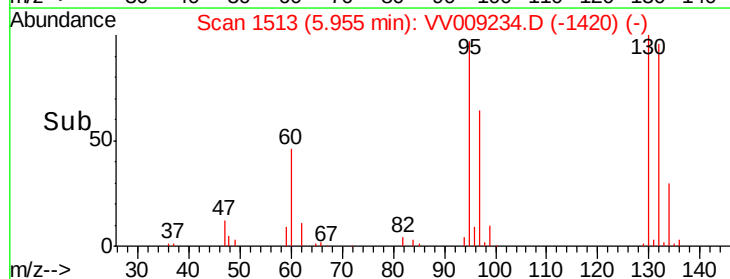
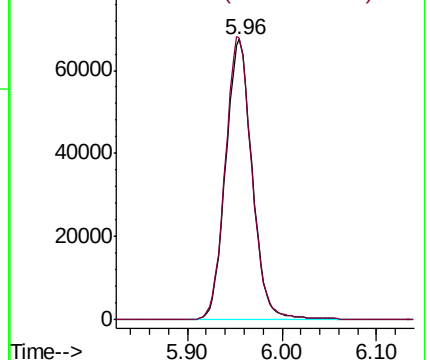
130 100

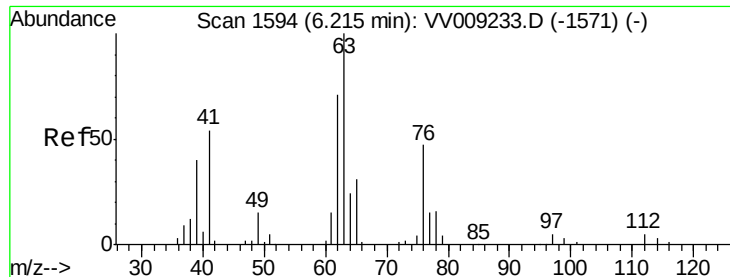
95 100.8 0.0 208.2



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: 101.845 ug/l

RT: 6.22 min Scan# 1594

Delta R.T. 0.00 min

Lab File: VV009234.D

Acq: 22 Jan 2019 13:52

Instrument :

MSVOA_V

ClientSampleId :

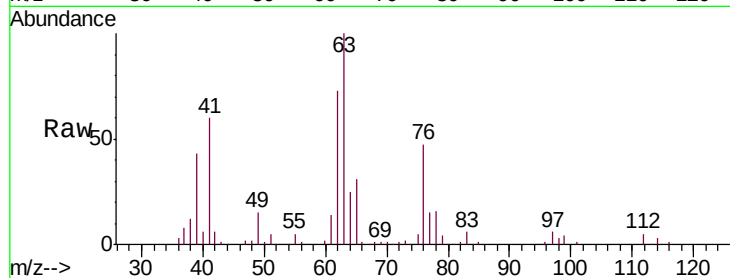
VSTDIC100

Tgt Ion: 63 Resp: 121807

Ion Ratio Lower Upper

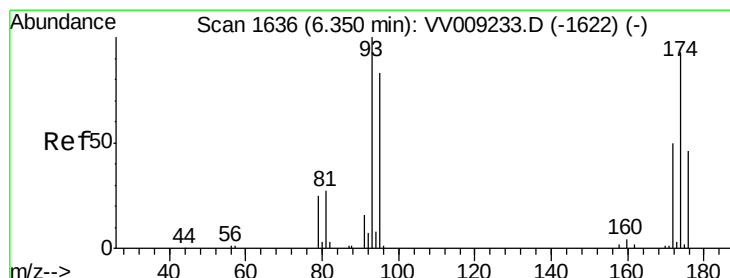
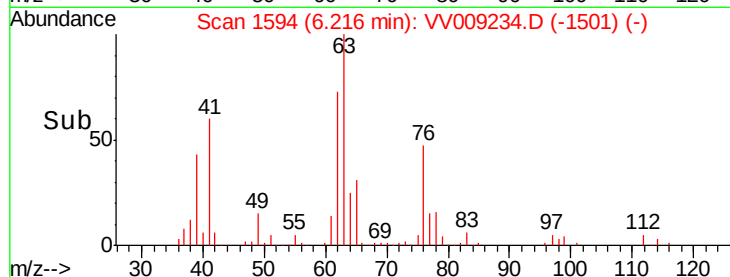
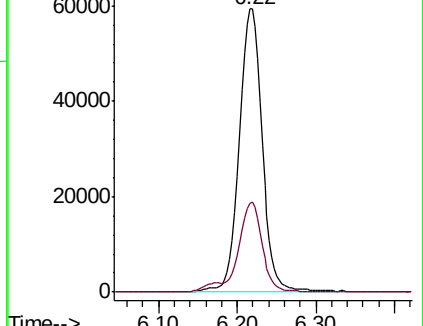
63 100

65 31.3 25.1 37.7



Abundance Ion 62.90 (62.60 to 63.60): VV009233.D (-1571) (-)

Ion 64.90 (64.60 to 65.60): VV009233.D (-1571) (-)



#46

Dibromomethane

Concen: 96.619 ug/l

RT: 6.35 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VV009234.D

Acq: 22 Jan 2019 13:52

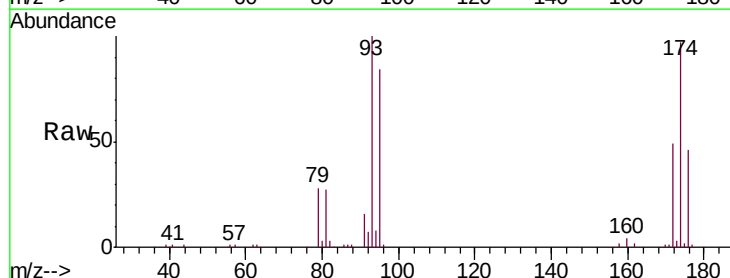
Tgt Ion: 93 Resp: 62965

Ion Ratio Lower Upper

93 100

95 82.3 64.6 97.0

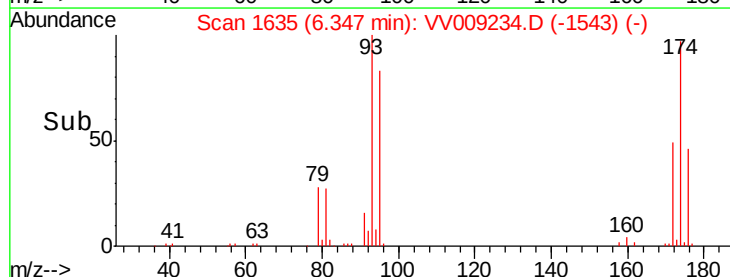
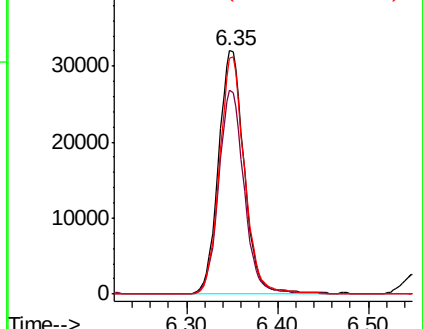
174 95.2 74.0 111.0

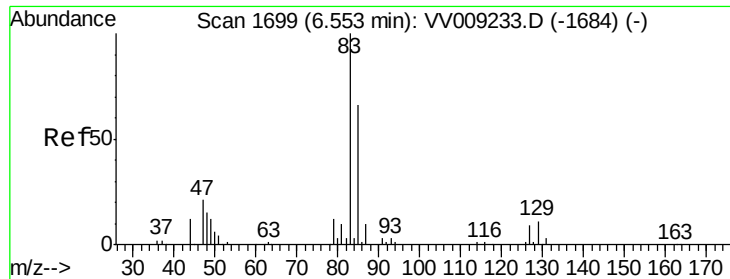


Abundance Ion 92.80 (92.50 to 93.50): VV009233.D (-1622) (-)

Ion 94.80 (94.50 to 95.50): VV009233.D (-1622) (-)

Ion 173.70 (173.40 to 174.40): VV009233.D (-1622) (-)





#47

Bromodichloromethane

Concen: 99.093 ug/l

RT: 6.55 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VV009234.D

Acq: 22 Jan 2019 13:52

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC100

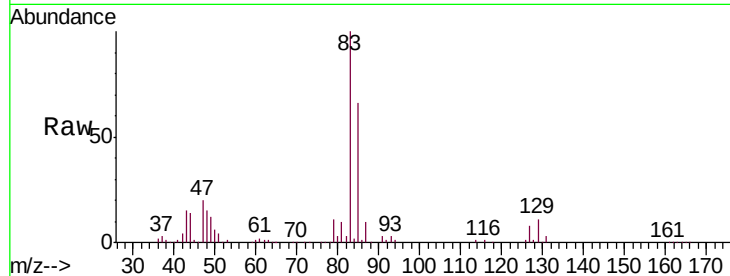
Tgt Ion: 83 Resp: 168465

Ion Ratio Lower Upper

83 100

85 65.9 52.6 78.8

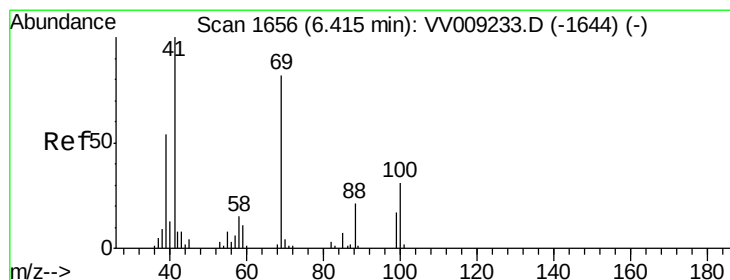
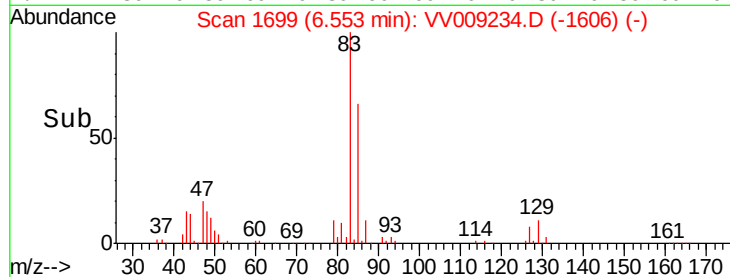
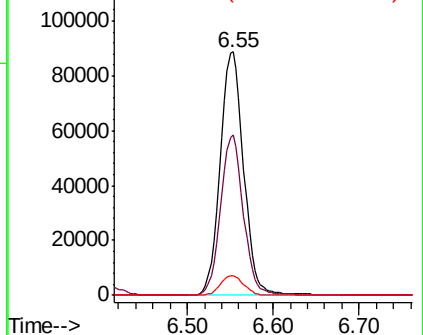
127 8.2 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VV0

Ion 84.90 (84.60 to 85.60): VV0

Ion 126.80 (126.50 to 127.50): VV0



#48

Methyl methacrylate

Concen: 97.555 ug/l

RT: 6.41 min Scan# 1656

Delta R.T. 0.00 min

Lab File: VV009234.D

Acq: 22 Jan 2019 13:52

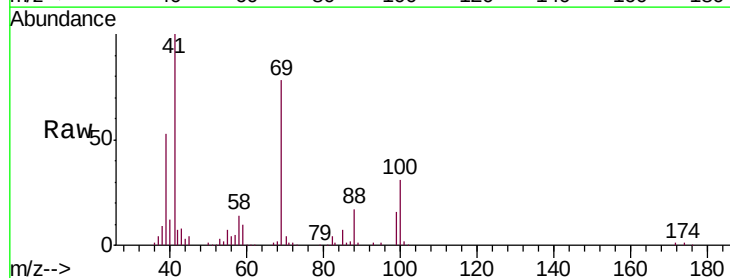
Tgt Ion: 41 Resp: 71304

Ion Ratio Lower Upper

41 100

69 82.2 65.8 98.6

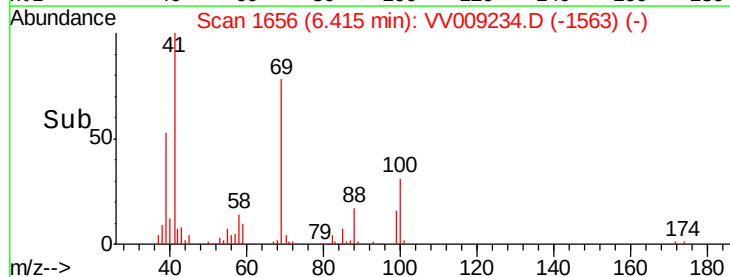
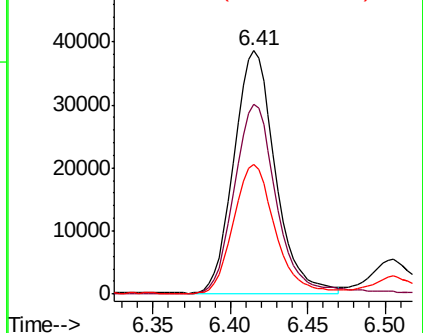
39 53.4 43.4 65.0

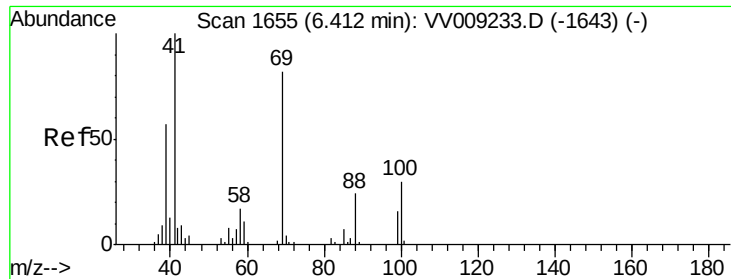


Abundance Ion 41.00 (40.70 to 41.70): VV0

Ion 69.00 (68.70 to 69.70): VV0

Ion 39.00 (38.70 to 39.70): VV0

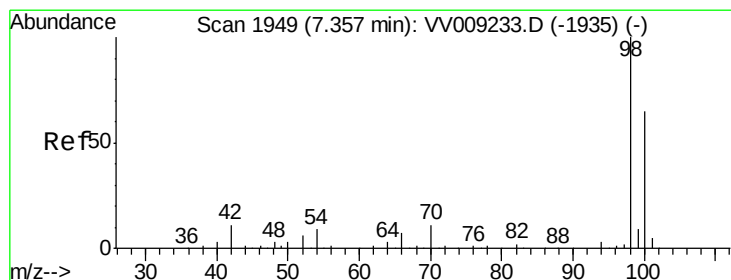
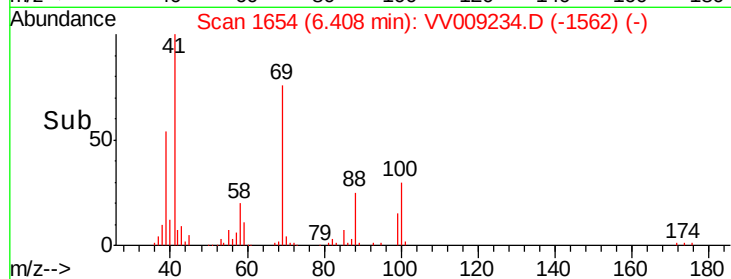
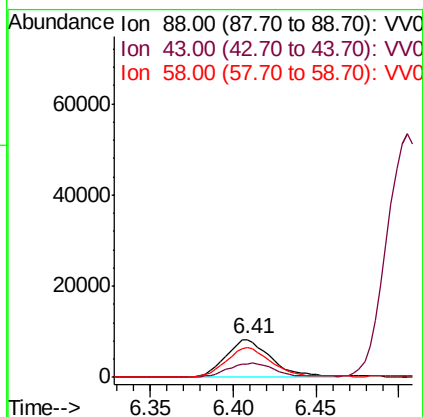
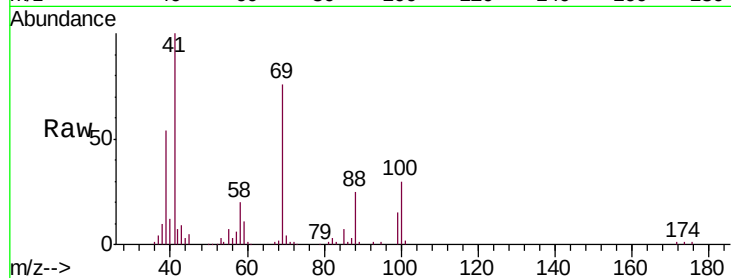




#49
1,4-Dioxane
Concen: 1885.139 ug/l
RT: 6.41 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VV009234.D
Acq: 22 Jan 2019 13:52

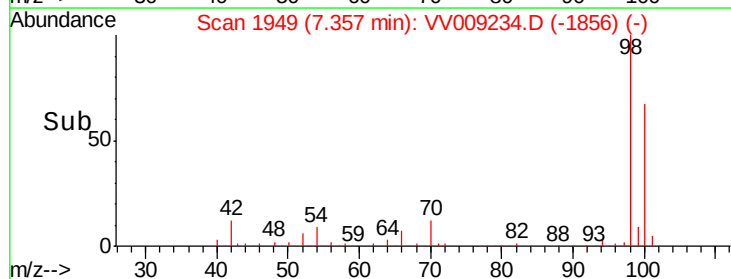
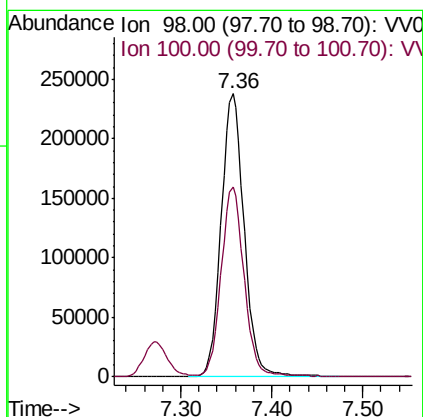
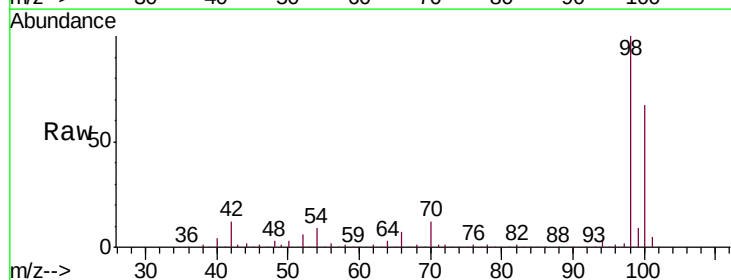
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

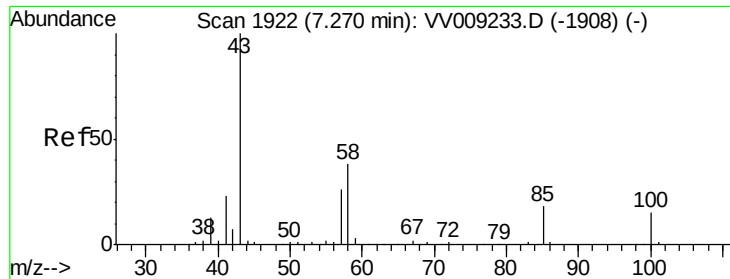
Tgt Ion: 88 Resp: 15939
Ion Ratio Lower Upper
88 100
43 40.8 31.9 47.9
58 79.7 62.0 93.0



#50
Toluene-d8
Concen: 102.348 ug/l
RT: 7.36 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VV009234.D
Acq: 22 Jan 2019 13:52

Tgt Ion: 98 Resp: 418797
Ion Ratio Lower Upper
98 100
100 66.0 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 477.705 ug/l

RT: 7.27 min Scan# 1922

Delta R.T. 0.00 min

Lab File: VV009234.D

Acq: 22 Jan 2019 13:52

Instrument :

MSVOA_V

ClientSampleId :

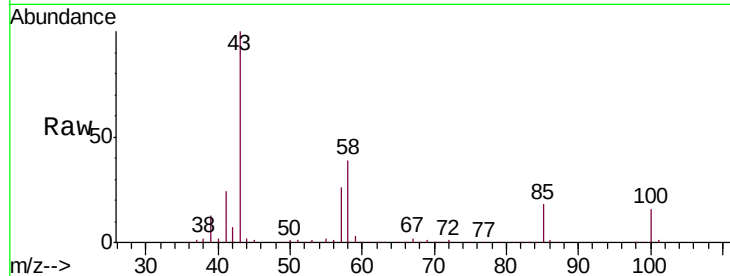
VSTDIC100

Tgt Ion: 43 Resp: 344600

Ion Ratio Lower Upper

43 100

58 38.6 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

200000

150000

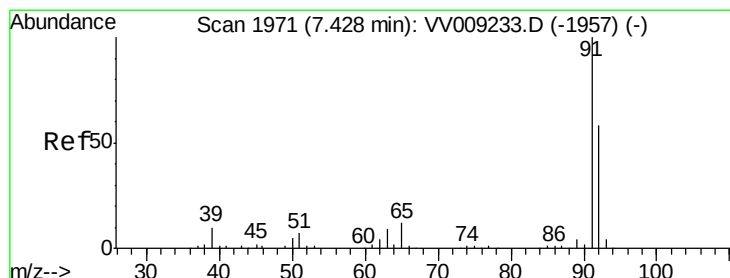
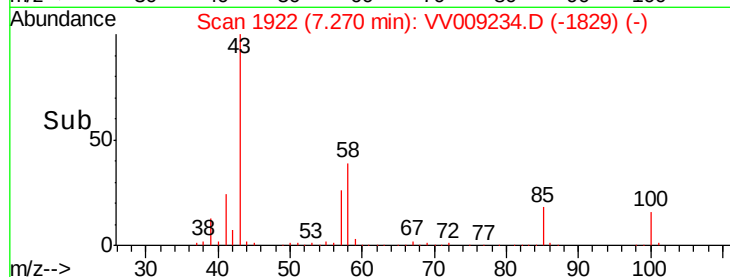
100000

50000

0

7.20 7.30 7.40

Time-->



#52

Toluene

Concen: 103.643 ug/l

RT: 7.43 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VV009234.D

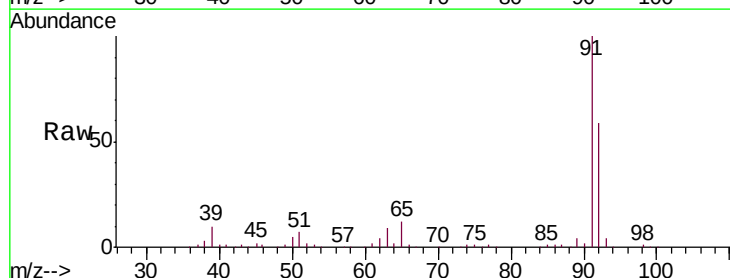
Acq: 22 Jan 2019 13:52

Tgt Ion: 92 Resp: 319266

Ion Ratio Lower Upper

92 100

91 170.6 137.2 205.8



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

300000

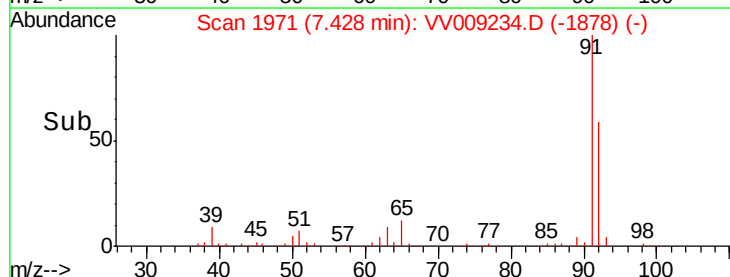
200000

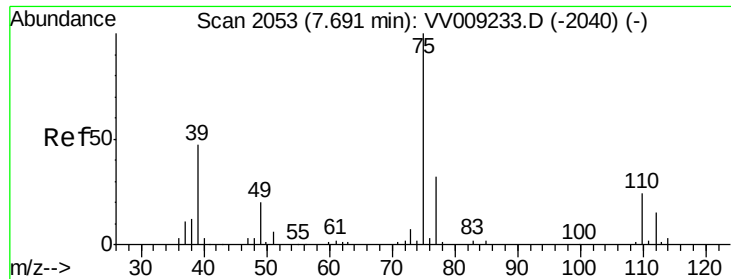
100000

0

7.30 7.40 7.50 7.60

Time-->

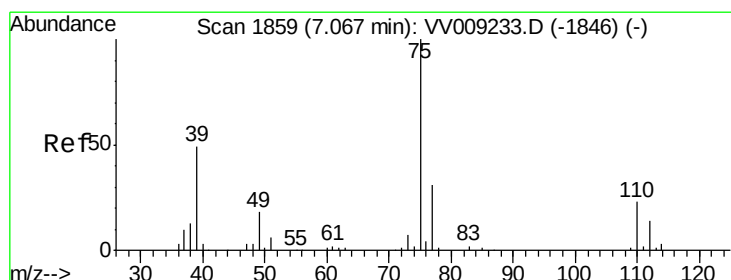
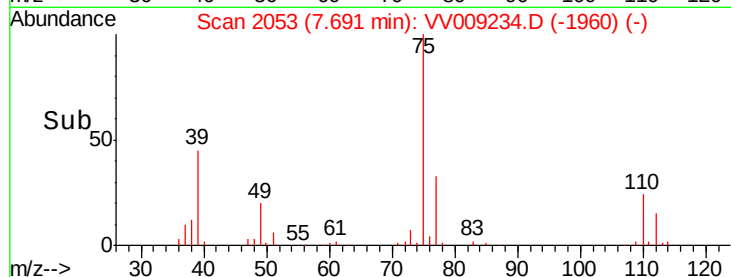
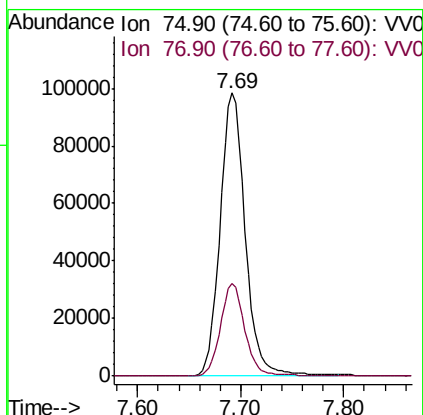
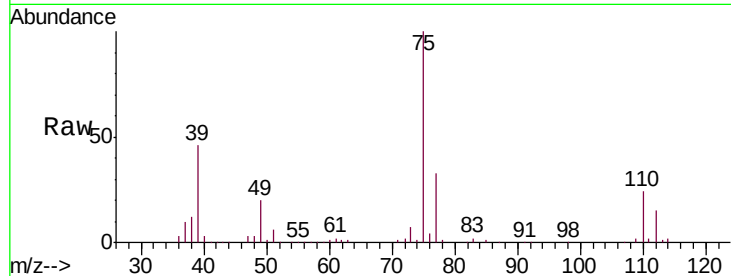




#53
 t-1,3-Dichloropropene
 Concen: 101.009 ug/l
 RT: 7.69 min Scan# 2053
 Delta R.T. 0.00 min
 Lab File: VV009234.D
 Acq: 22 Jan 2019 13:52

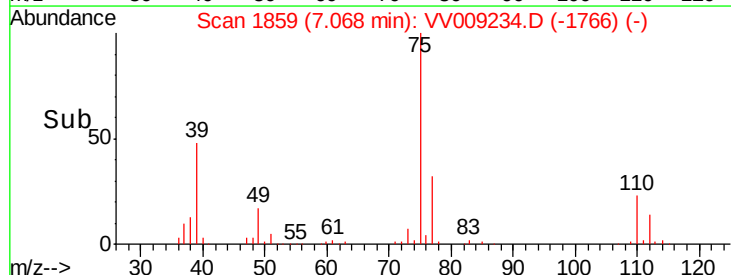
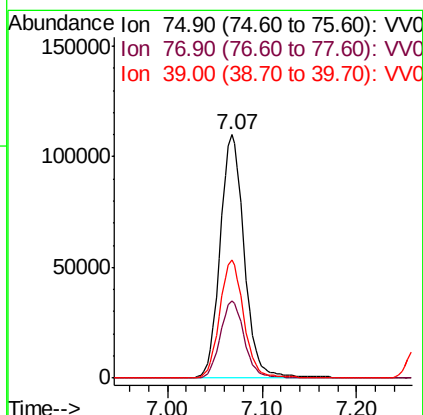
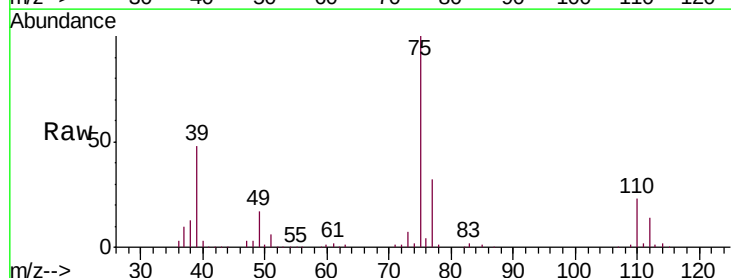
Instrument :
 MSVOA_V
 ClientSampled :
 VSTDIC100

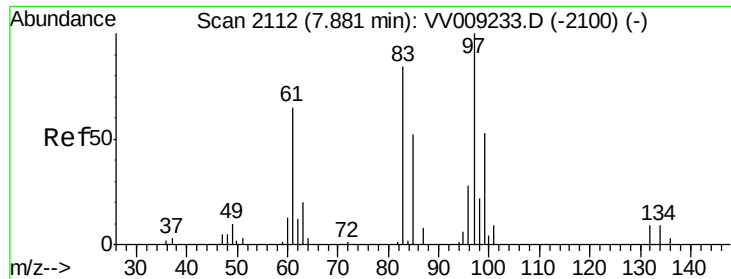
Tgt Ion: 75 Resp: 167068
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.8 38.8



#54
 cis-1,3-Dichloropropene
 Concen: 104.013 ug/l
 RT: 7.07 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VV009234.D
 Acq: 22 Jan 2019 13:52

Tgt Ion: 75 Resp: 194922
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.1 37.7
 39 48.3 38.8 58.2

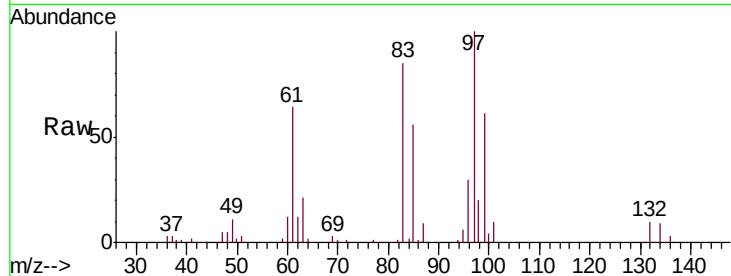




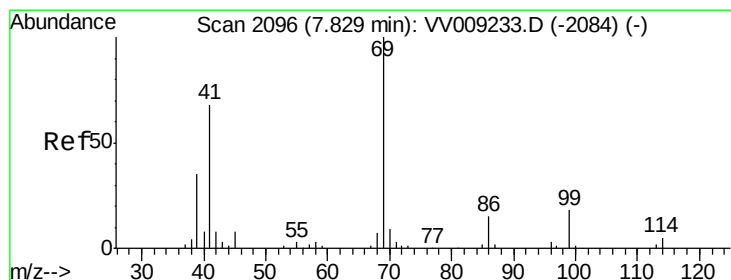
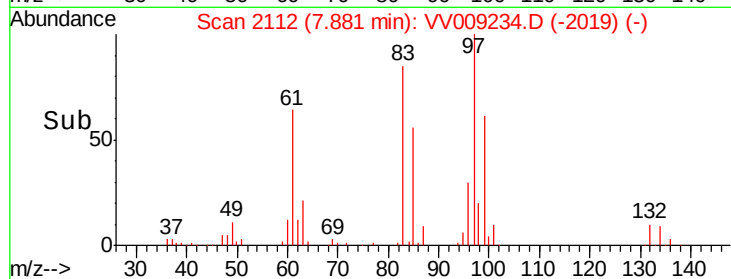
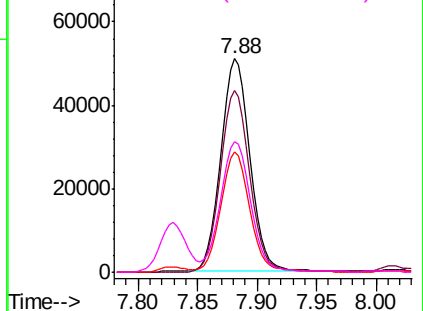
#55
 1,1,2-Trichloroethane
 Concen: 97.916 ug/l
 RT: 7.88 min Scan# 2112
 Delta R.T. 0.00 min
 Lab File: VV009234.D
 Acq: 22 Jan 2019 13:52

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC100

Tgt Ion:	97	Resp:	86459
Ion	Ratio	Lower	Upper
97	100		
83	85.4	67.4	101.0
85	56.1	42.6	64.0
99	61.2	51.1	76.7

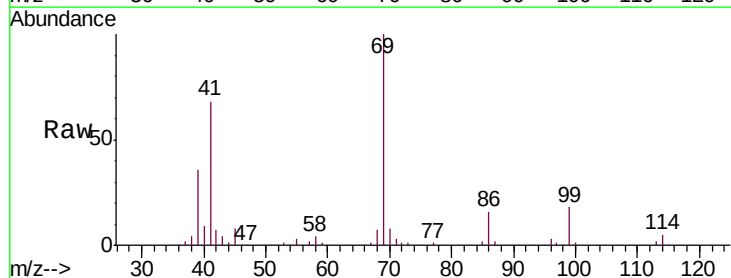


Abundance Ion 96.90 (96.60 to 97.60): VV0
 Ion 82.90 (82.60 to 83.60): VV0
 Ion 84.90 (84.60 to 85.60): VV0
 Ion 98.90 (98.60 to 99.60): VV0

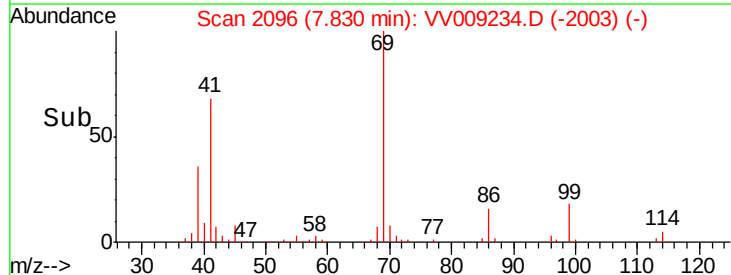
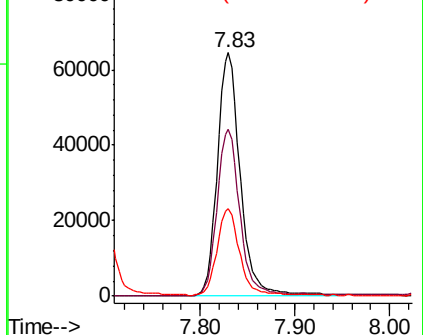


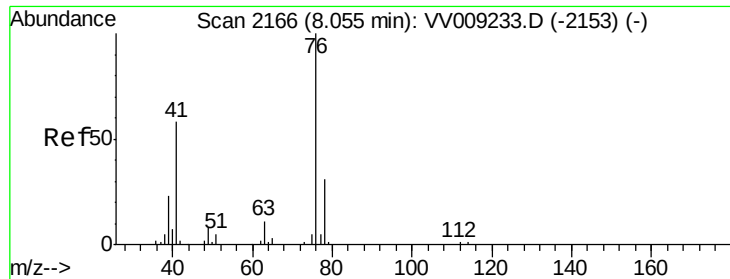
#56
 Ethyl methacrylate
 Concen: 102.054 ug/l
 RT: 7.83 min Scan# 2096
 Delta R.T. 0.00 min
 Lab File: VV009234.D
 Acq: 22 Jan 2019 13:52

Tgt Ion:	69	Resp:	109162
Ion	Ratio	Lower	Upper
69	100		
41	67.8	54.0	81.0
39	34.6	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

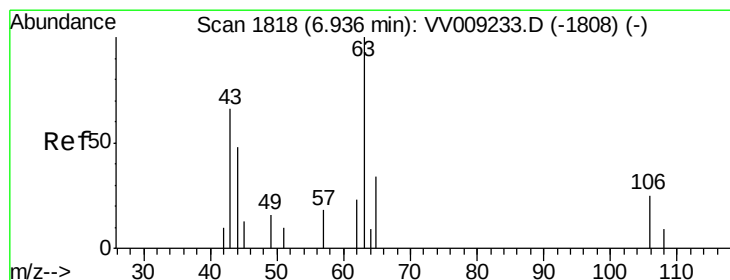
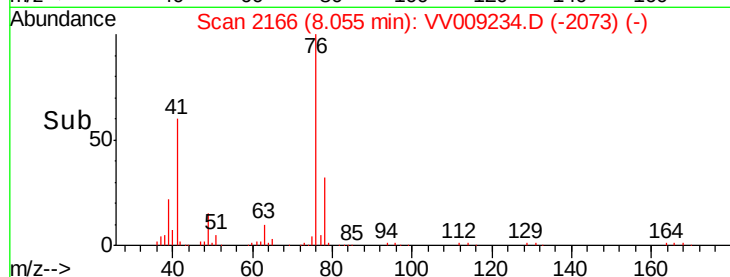
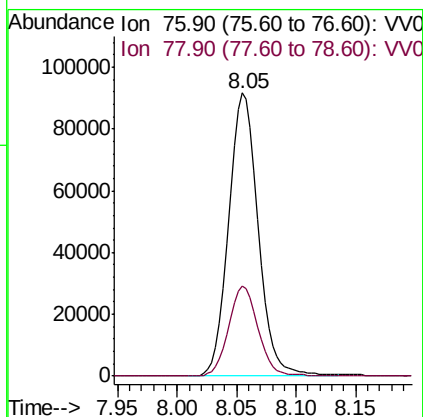
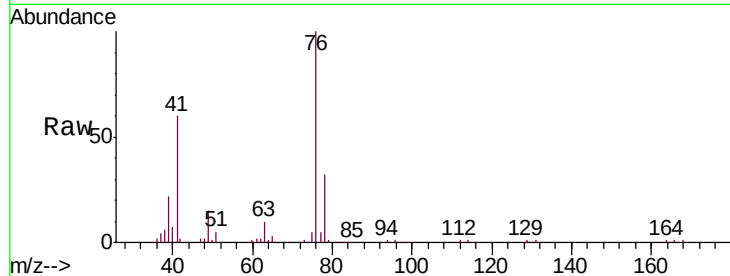




#57
 1,3-Dichloropropane
 Concen: 97.027 ug/l
 RT: 8.05 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: VV009234.D
 Acq: 22 Jan 2019 13:52

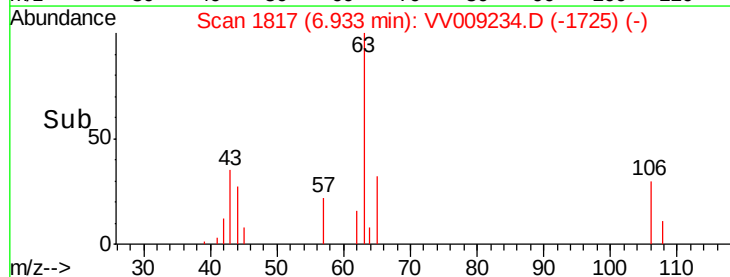
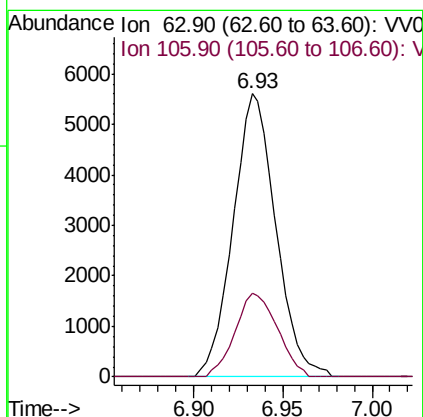
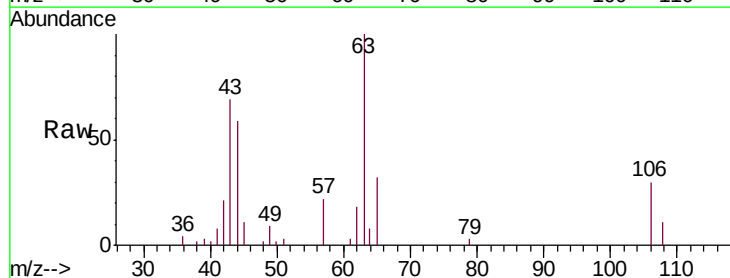
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC100

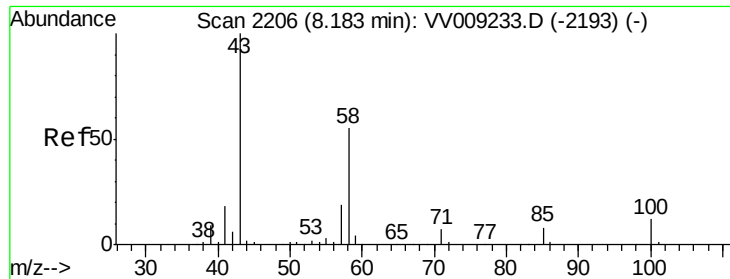
Tgt Ion: 76 Resp: 157924
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 455.150 ug/l
 RT: 6.93 min Scan# 1817
 Delta R.T. -0.00 min
 Lab File: VV009234.D
 Acq: 22 Jan 2019 13:52

Tgt Ion: 63 Resp: 9369
 Ion Ratio Lower Upper
 63 100
 106 29.3 19.0 28.6#

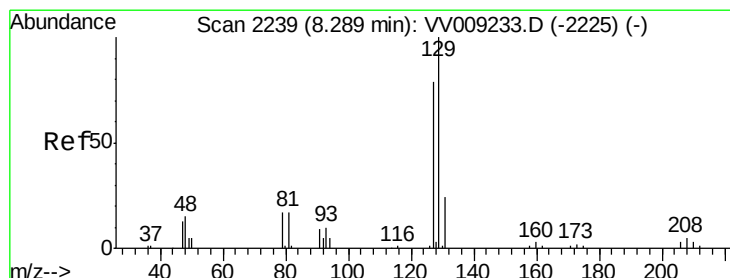
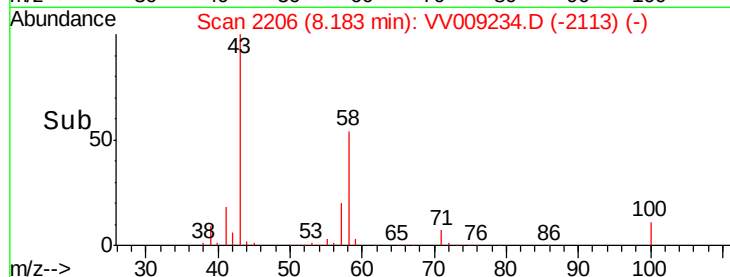
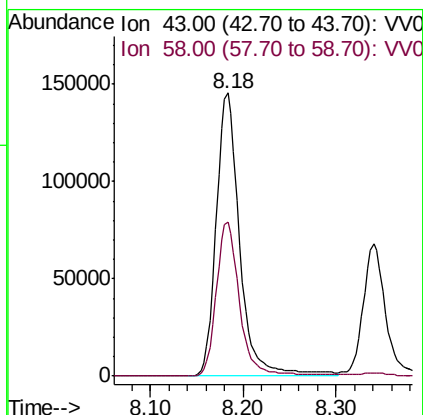
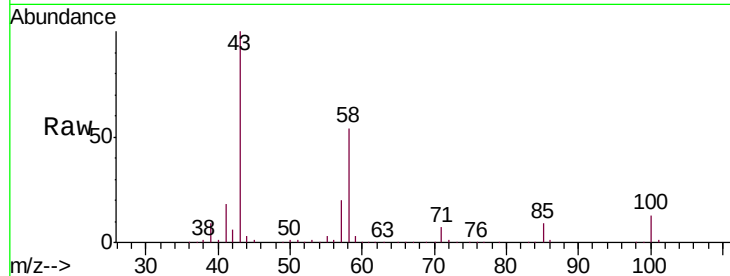




#59
2-Hexanone
Concen: 480.811 ug/l
RT: 8.18 min Scan# 2206
Delta R.T. 0.00 min
Lab File: VV009234.D
Acq: 22 Jan 2019 13:52

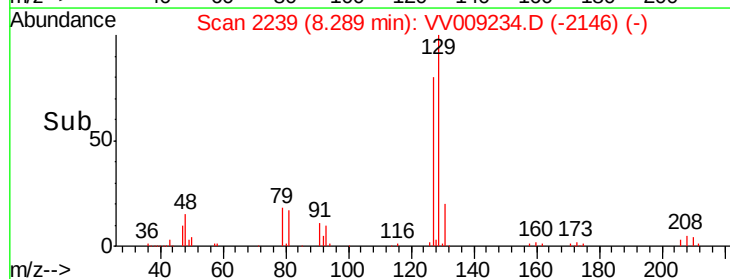
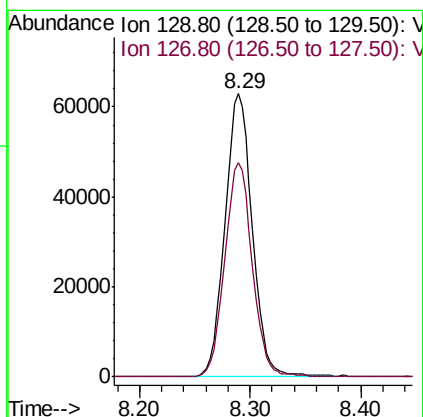
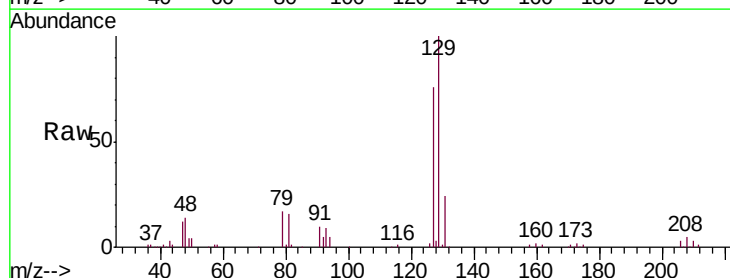
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

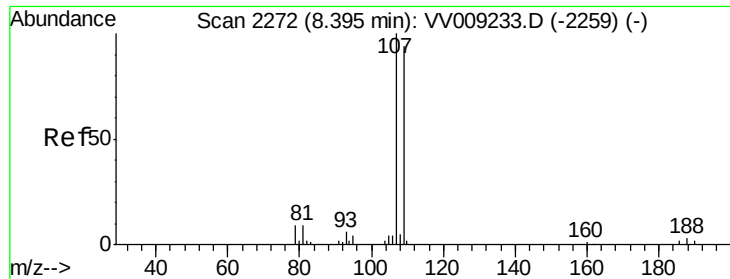
Tgt Ion: 43 Resp: 257084
Ion Ratio Lower Upper
43 100
58 53.9 27.5 82.5



#60
Dibromochloromethane
Concen: 102.925 ug/l
RT: 8.29 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VV009234.D
Acq: 22 Jan 2019 13:52

Tgt Ion: 129 Resp: 108212
Ion Ratio Lower Upper
129 100
127 76.0 38.8 116.4

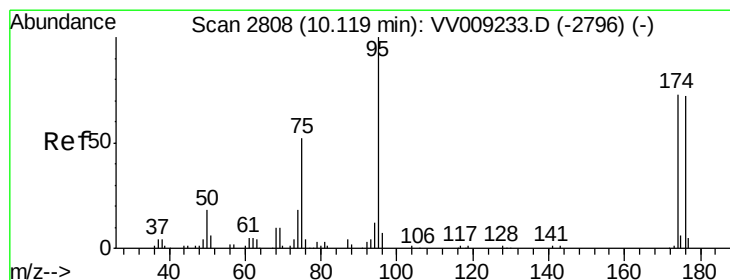
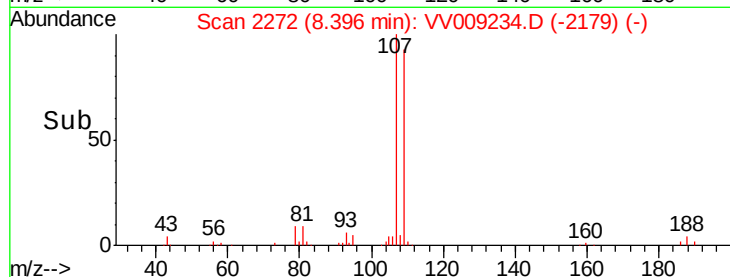
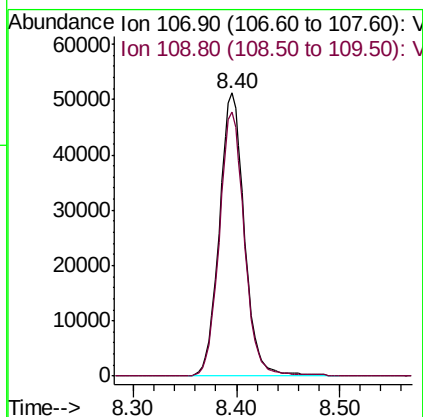
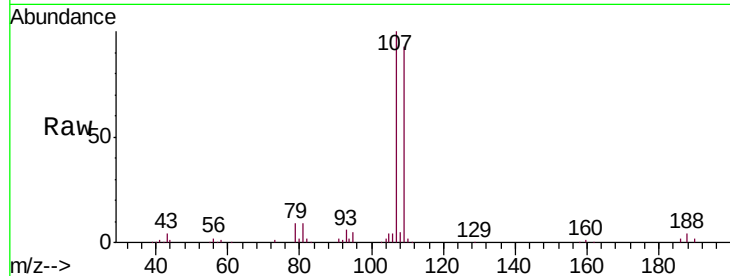




#61
 1,2-Dibromoethane
 Concen: 98.690 ug/l
 RT: 8.40 min Scan# 2272
 Delta R.T. 0.00 min
 Lab File: VV009234.D
 Acq: 22 Jan 2019 13:52

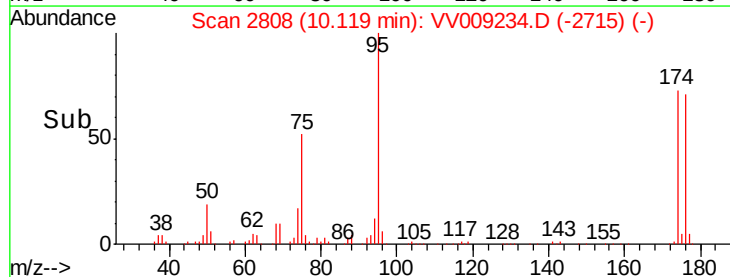
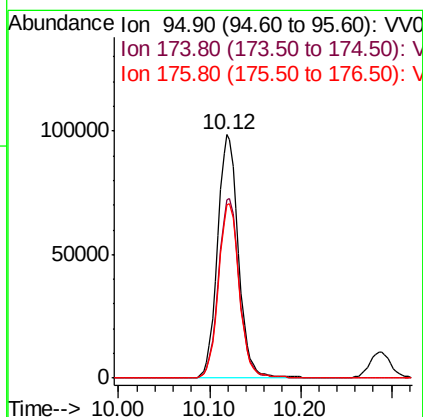
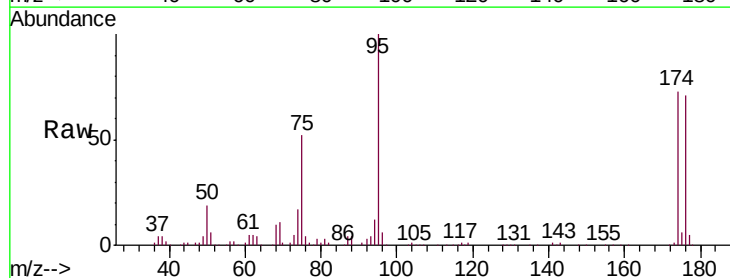
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC100

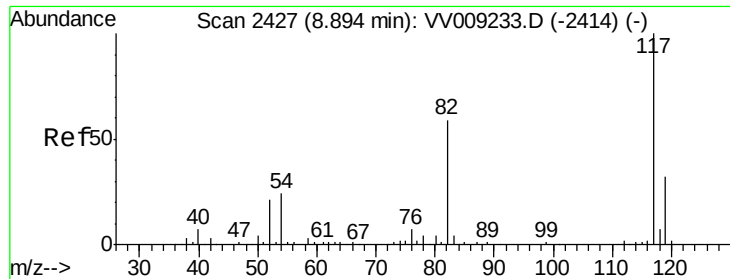
Tgt Ion: 107 Resp: 86356
 Ion Ratio Lower Upper
 107 100
 109 93.6 76.2 114.2



#62
 4-Bromofluorobenzene
 Concen: 100.216 ug/l
 RT: 10.12 min Scan# 2808
 Delta R.T. 0.00 min
 Lab File: VV009234.D
 Acq: 22 Jan 2019 13:52

Tgt Ion: 95 Resp: 157570
 Ion Ratio Lower Upper
 95 100
 174 73.7 0.0 148.2
 176 71.2 0.0 143.0

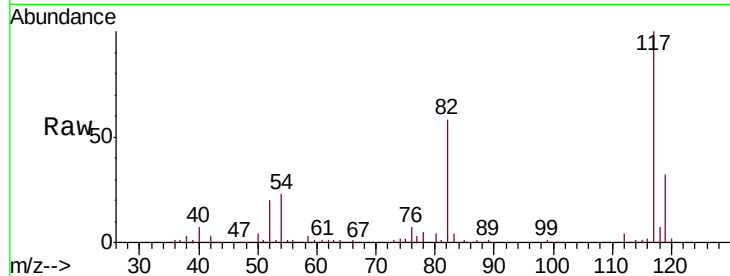




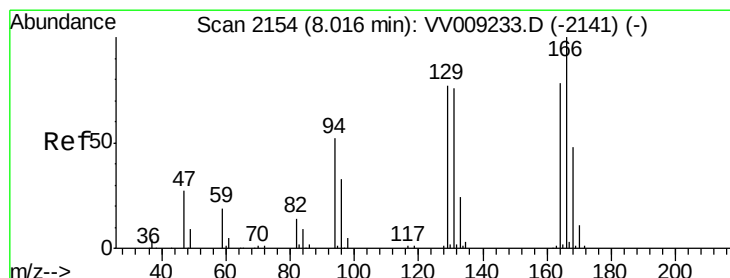
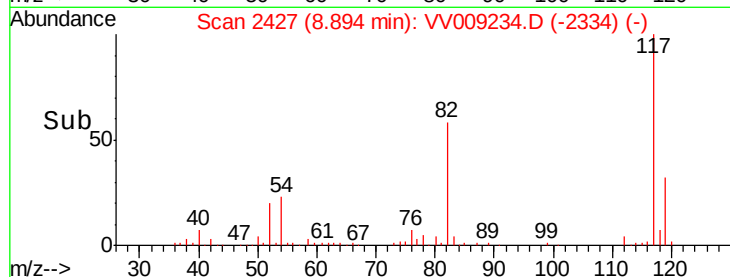
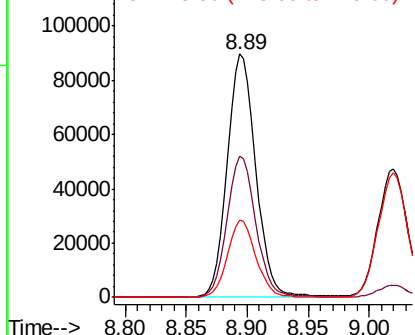
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.89 min Scan# 2427
Delta R.T. 0.00 min
Lab File: VV009234.D
Acq: 22 Jan 2019 13:52

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

Tgt Ion:117 Resp: 147978
Ion Ratio Lower Upper
117 100
82 58.0 47.0 70.6
119 31.6 25.4 38.2



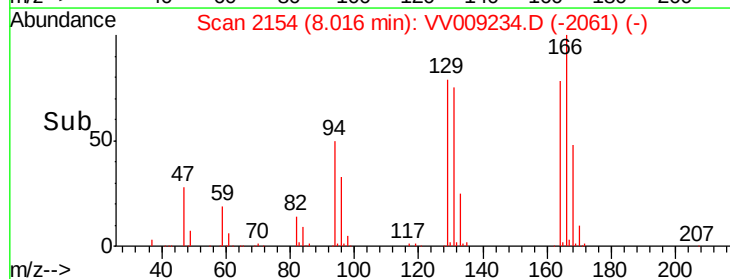
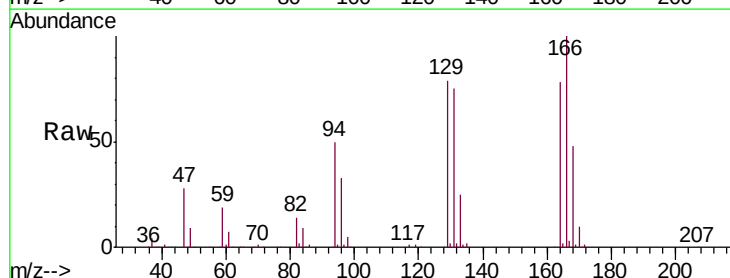
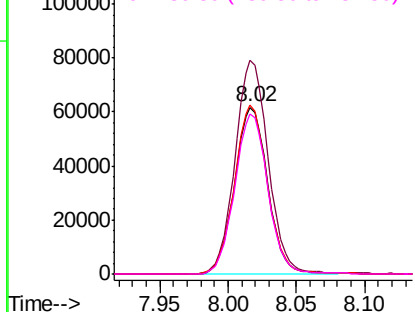
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VV0
Ion 118.90 (118.60 to 119.60): V

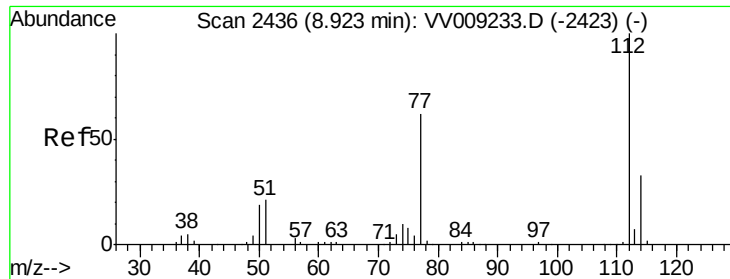


#64
Tetrachloroethene
Concen: 103.335 ug/l
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV009234.D
Acq: 22 Jan 2019 13:52

Tgt Ion:164 Resp: 104077
Ion Ratio Lower Upper
164 100
166 128.3 102.1 153.1
129 101.3 78.1 117.1
131 95.9 78.0 117.0

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

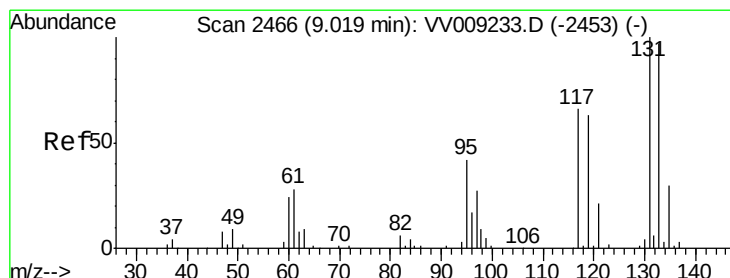
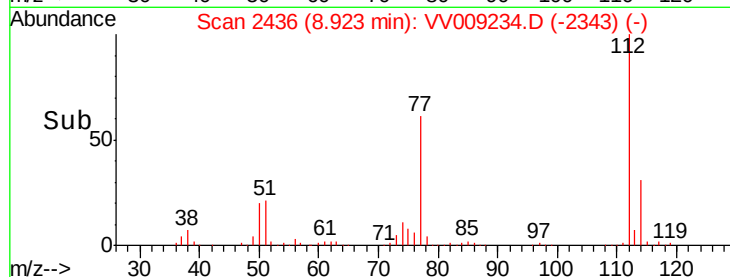
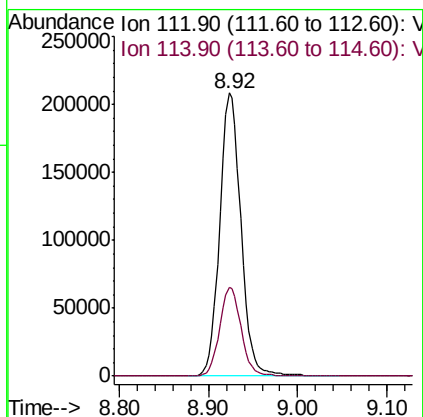
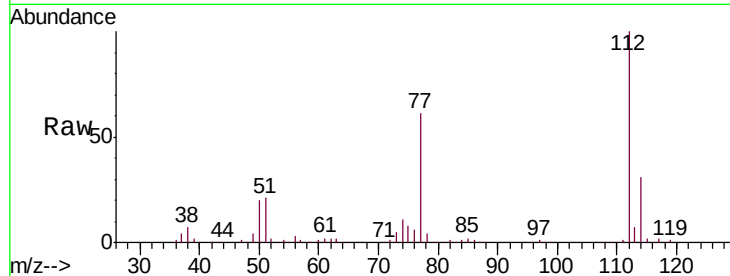




#65
Chlorobenzene
Concen: 102.049 ug/l
RT: 8.92 min Scan# 2436
Delta R.T. 0.00 min
Lab File: VV009234.D
Acq: 22 Jan 2019 13:52

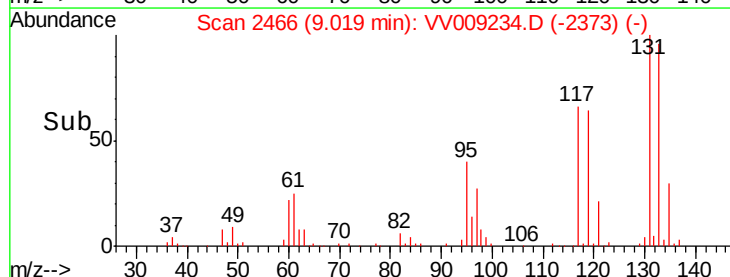
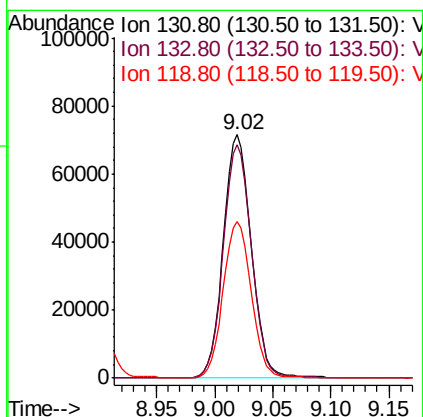
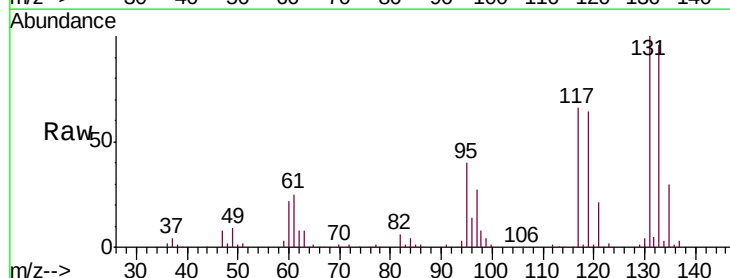
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

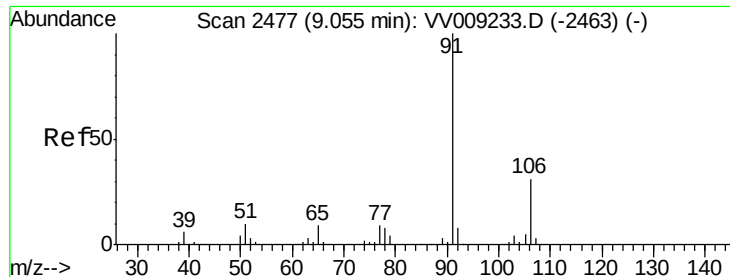
Tgt Ion:112 Resp: 344859
Ion Ratio Lower Upper
112 100
114 31.2 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 102.958 ug/l
RT: 9.02 min Scan# 2466
Delta R.T. 0.00 min
Lab File: VV009234.D
Acq: 22 Jan 2019 13:52

Tgt Ion:131 Resp: 119559
Ion Ratio Lower Upper
131 100
133 96.4 48.3 144.9
119 64.0 31.2 93.6





#67

Ethyl Benzene

Concen: 105.288 ug/l

RT: 9.05 min Scan# 2477

Delta R.T. 0.00 min

Lab File: VV009234.D

Acq: 22 Jan 2019 13:52

Instrument :

MSVOA_V

ClientSampleId :

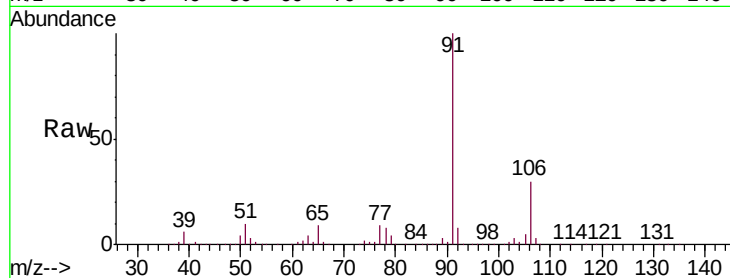
VSTDIC100

Tgt Ion: 91 Resp: 632077

Ion Ratio Lower Upper

91 100

106 30.2 24.6 37.0



Abundance Ion 91.00 (90.70 to 91.70): VV009233.D (-2463) (-)

Ion 106.00 (105.70 to 106.70): VV009233.D (-2463) (-)

600000

400000

200000

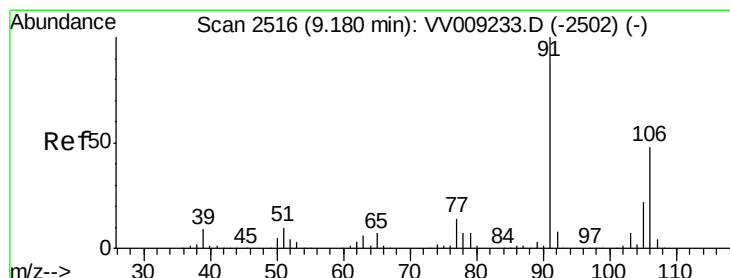
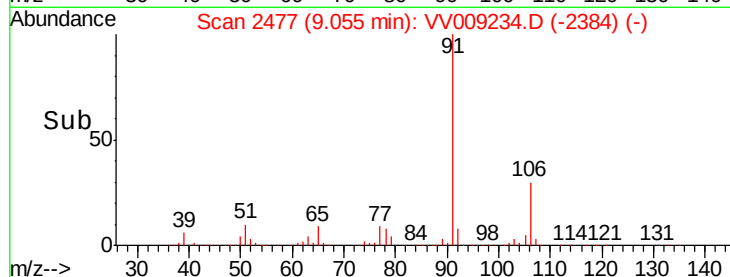
0

9.05

9.10

9.15

Time-->



#68

m/p-Xylenes

Concen: 212.393 ug/l

RT: 9.18 min Scan# 2516

Delta R.T. 0.00 min

Lab File: VV009234.D

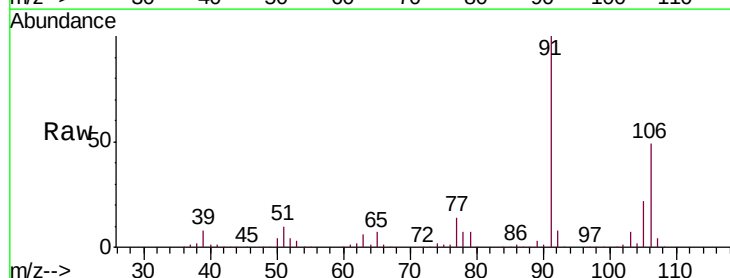
Acq: 22 Jan 2019 13:52

Tgt Ion: 106 Resp: 478405

Ion Ratio Lower Upper

106 100

91 206.2 167.1 250.7



Abundance Ion 106.00 (105.70 to 106.70): VV009233.D (-2502) (-)

Ion 91.00 (90.70 to 91.70): VV009233.D (-2502) (-)

600000

400000

200000

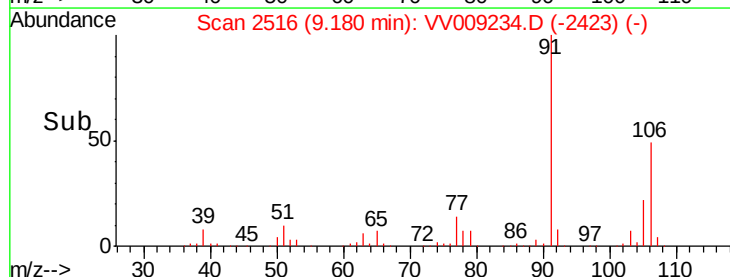
0

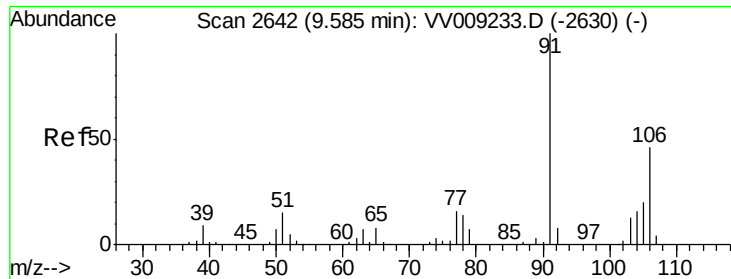
9.18

9.20

9.30

Time-->

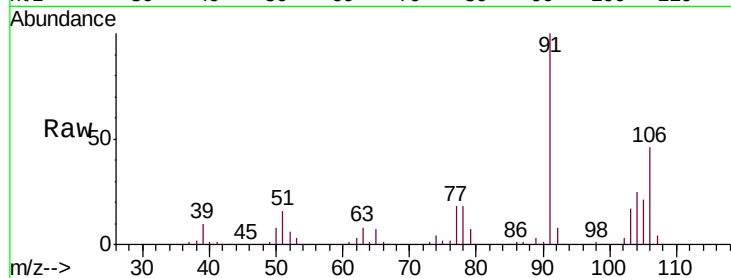




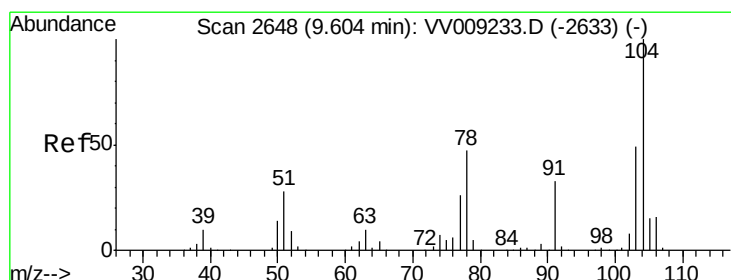
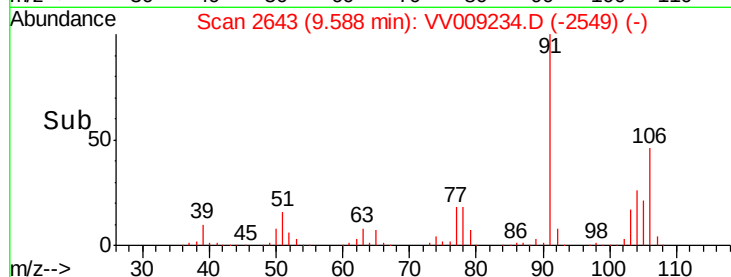
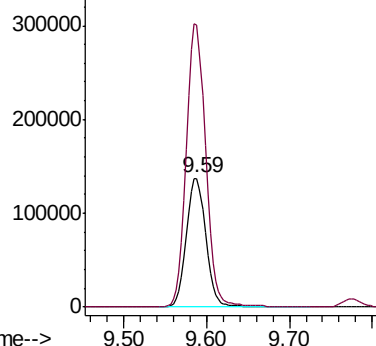
#69
o-Xylene
Concen: 107.450 ug/l
RT: 9.59 min Scan# 2643
Delta R.T. 0.00 min
Lab File: VV009234.D
Acq: 22 Jan 2019 13:52

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

Tgt Ion:106 Resp: 225487
Ion Ratio Lower Upper
106 100
91 218.4 109.3 327.8

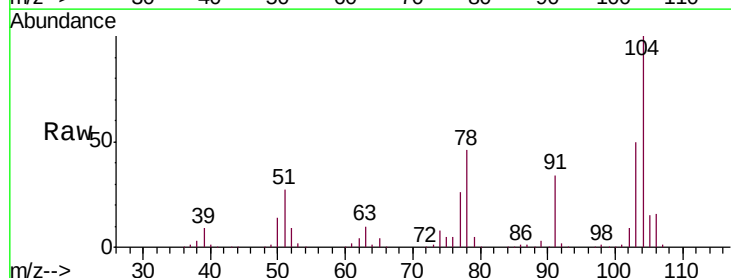


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VV0

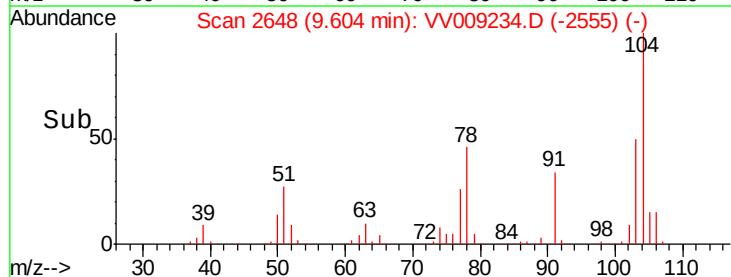
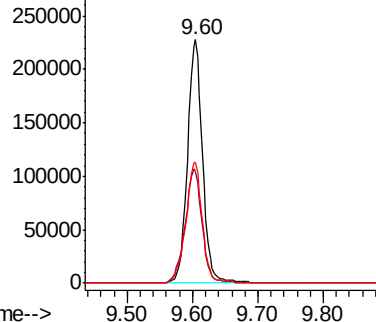


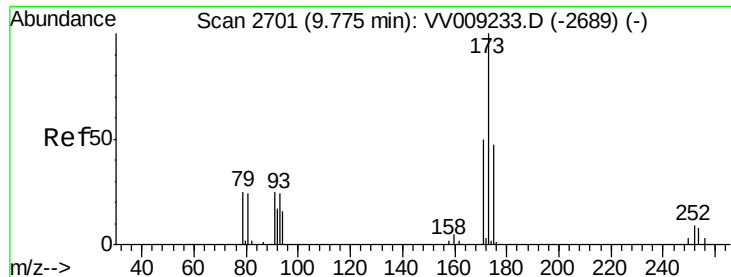
#70
Styrene
Concen: 107.716 ug/l
RT: 9.60 min Scan# 2648
Delta R.T. 0.00 min
Lab File: VV009234.D
Acq: 22 Jan 2019 13:52

Tgt Ion:104 Resp: 368549
Ion Ratio Lower Upper
104 100
78 52.6 43.1 64.7
103 54.4 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





#71

Bromoform

Concen: 105.723 ug/l

RT: 9.77 min Scan# 2701

Delta R.T. 0.00 min

Lab File: VV009234.D

Acq: 22 Jan 2019 13:52

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC100

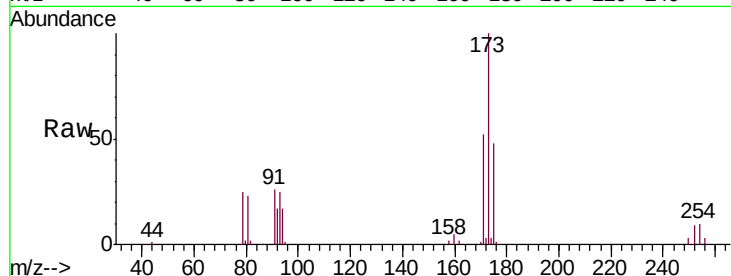
Tgt Ion:173 Resp: 59978

Ion Ratio Lower Upper

173 100

175 48.1 23.4 70.0

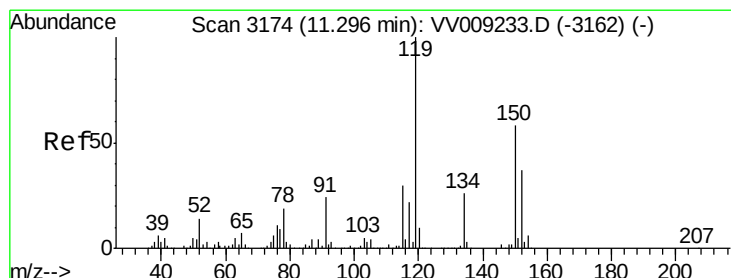
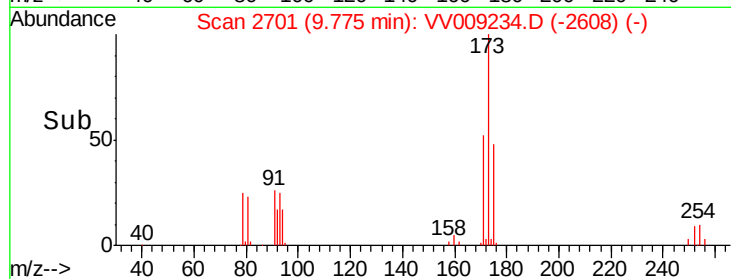
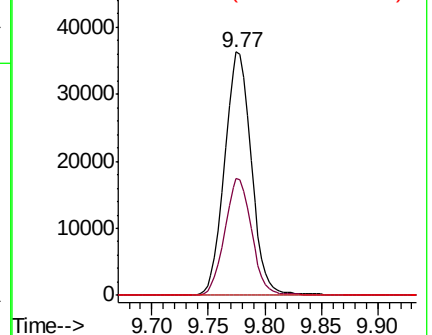
254 0.0 0.0 0.0



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: VV009234.D

Acq: 22 Jan 2019 13:52

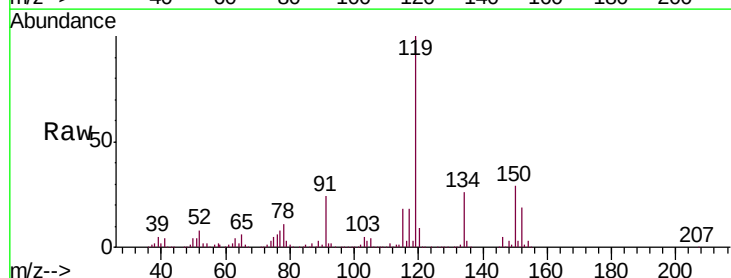
Tgt Ion:152 Resp: 74497

Ion Ratio Lower Upper

152 100

115 121.0 45.0 134.8

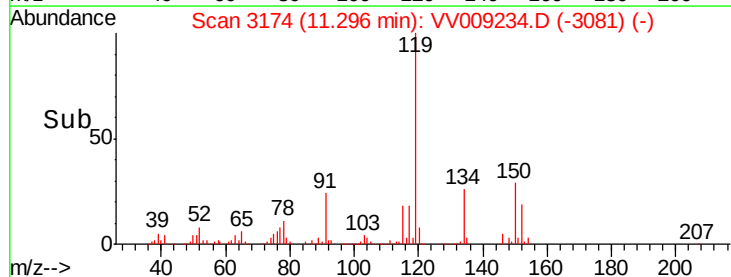
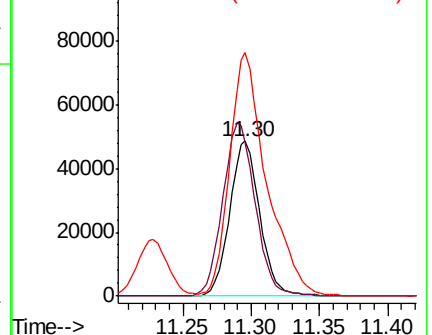
150 193.4 0.0 346.4

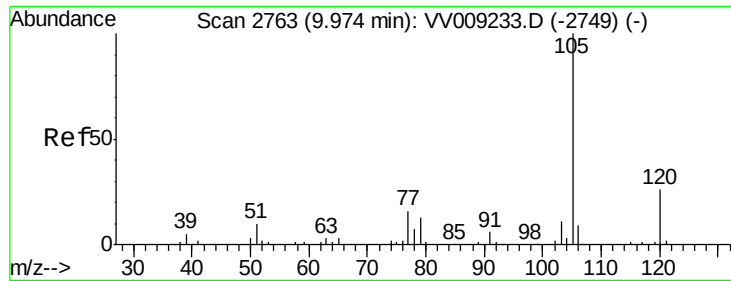


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 108.312 ug/l

RT: 9.97 min Scan# 2763

Delta R.T. 0.00 min

Lab File: VV009234.D

Acq: 22 Jan 2019 13:52

Instrument :

MSVOA_V

ClientSampleId :

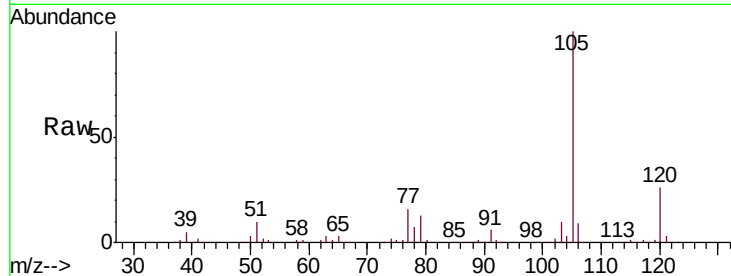
VSTDIC100

Tgt Ion:105 Resp: 638961

Ion Ratio Lower Upper

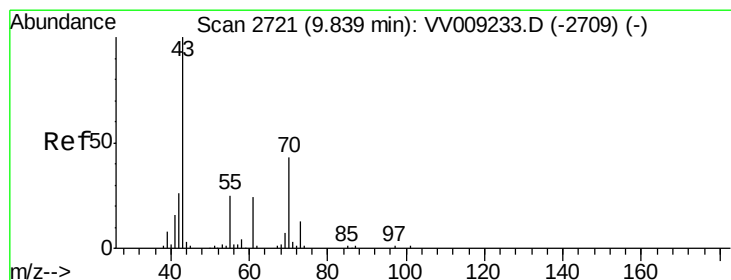
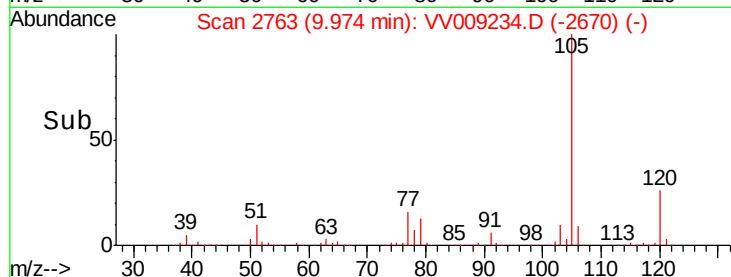
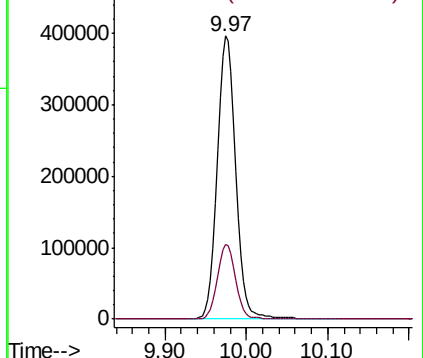
105 100

120 26.3 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: 98.272 ug/l

RT: 9.84 min Scan# 2721

Delta R.T. 0.00 min

Lab File: VV009234.D

Acq: 22 Jan 2019 13:52

Tgt Ion: 43 Resp: 122466

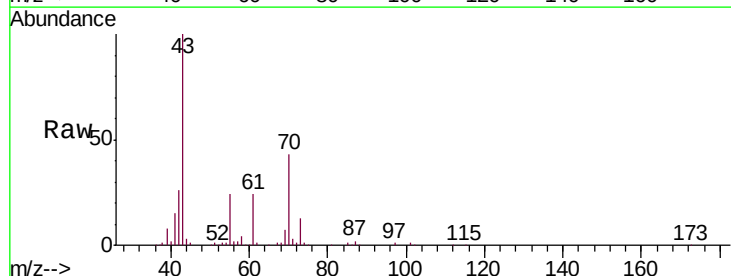
Ion Ratio Lower Upper

43 100

70 42.8 33.0 49.6

55 24.4 18.7 28.1

61 23.9 18.0 27.0

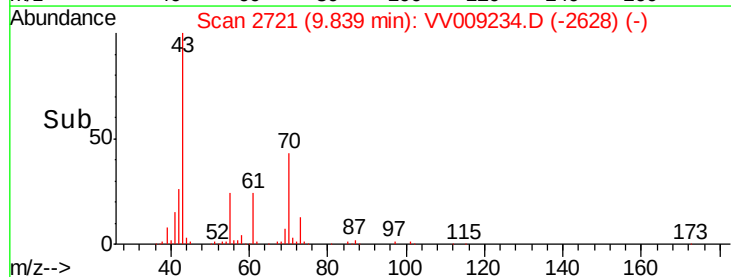
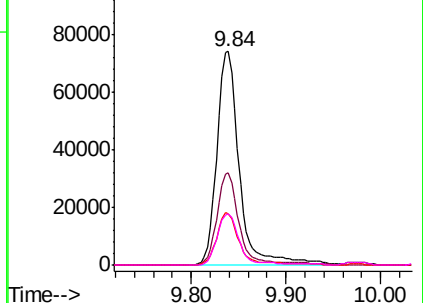


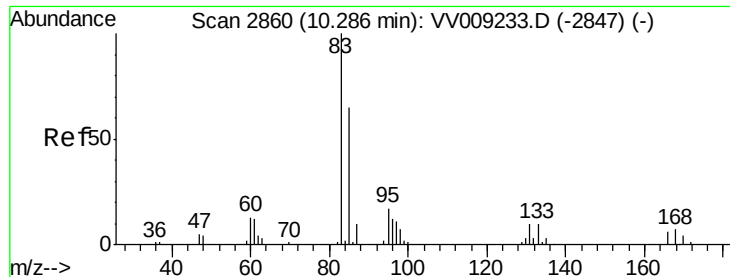
Abundance Ion 43.00 (42.70 to 43.70): VV0

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: 98.808 ug/l

RT: 10.29 min Scan# 2860

Delta R.T. 0.00 min

Lab File: VV009234.D

Acq: 22 Jan 2019 13:52

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC100

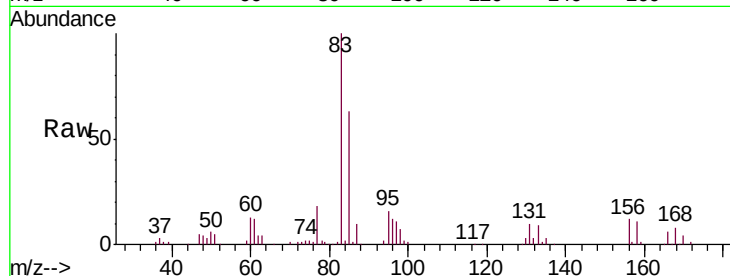
Tgt Ion: 83 Resp: 104390

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.3

85 63.9 32.6 98.0

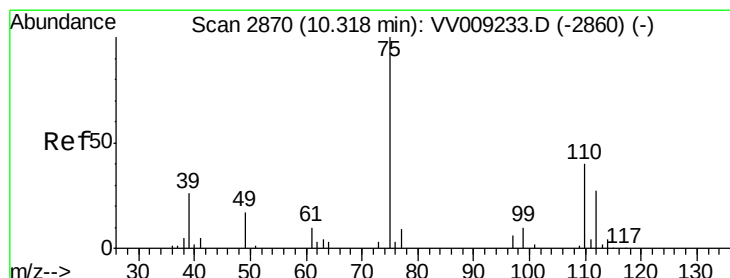
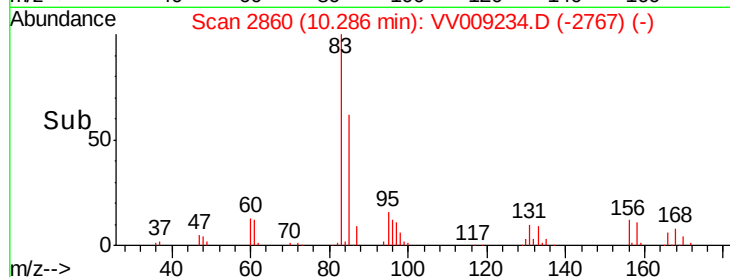


Abundance Ion 82.90 (82.60 to 83.60): VV009233.D (-2847) (-)

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

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

Time-->



#76

1,2,3-Trichloropropane

Concen: 35.967 ug/l

RT: 10.05 min Scan# 2786

Delta R.T. -0.27 min

Lab File: VV009234.D

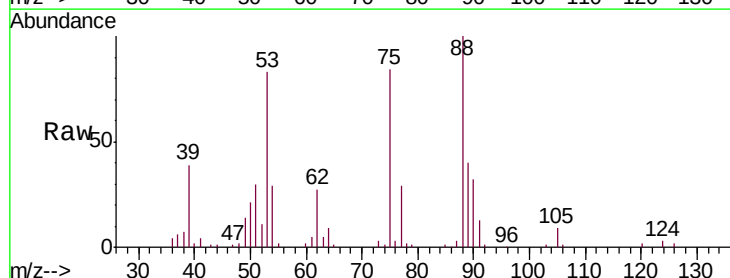
Acq: 22 Jan 2019 13:52

Tgt Ion: 75 Resp: 29566

Ion Ratio Lower Upper

75 100

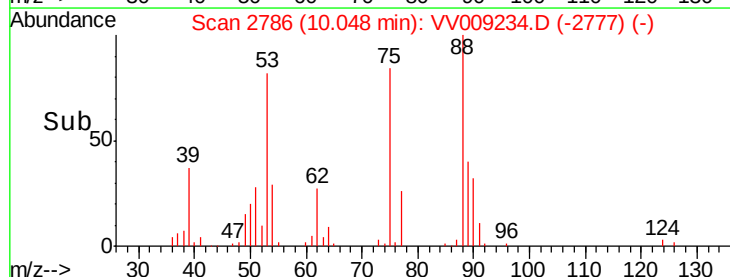
77 35.8 24.6 73.8

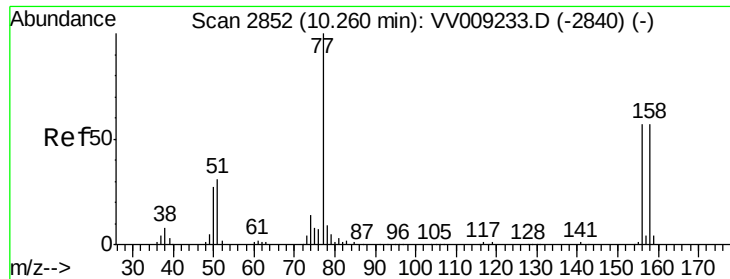


Abundance Ion 74.90 (74.60 to 75.60): VV009233.D (-2860) (-)

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

Time-->





#77

Bromobenzene

Concen: 102.785 ug/l

RT: 10.26 min Scan# 2852

Delta R.T. 0.00 min

Lab File: VV009234.D

Acq: 22 Jan 2019 13:52

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC100

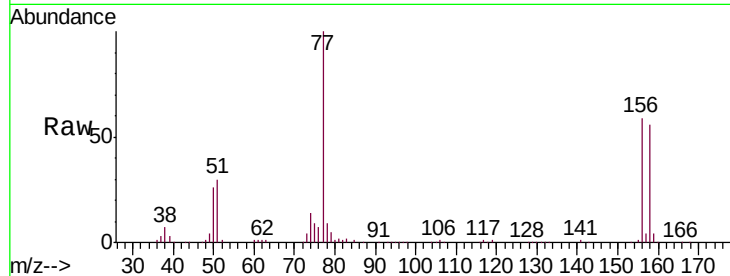
Tgt Ion:156 Resp: 134633

Ion Ratio Lower Upper

156 100

77 168.5 86.0 258.0

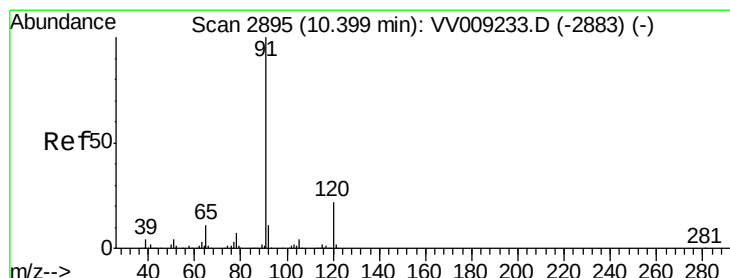
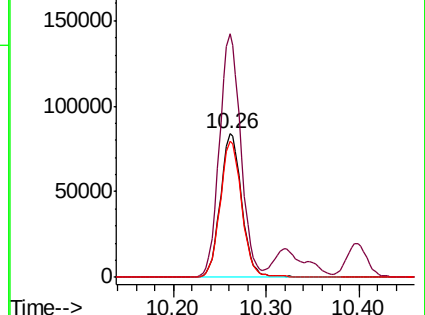
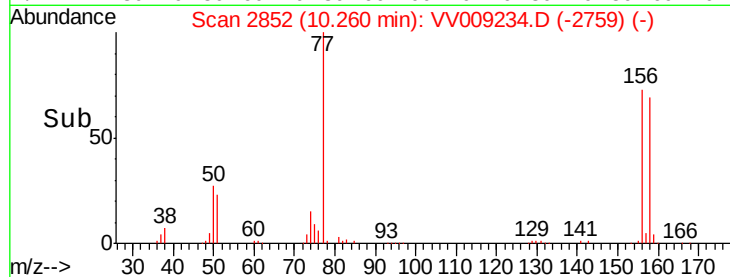
158 95.5 49.8 149.3



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: 107.564 ug/l

RT: 10.40 min Scan# 2895

Delta R.T. 0.00 min

Lab File: VV009234.D

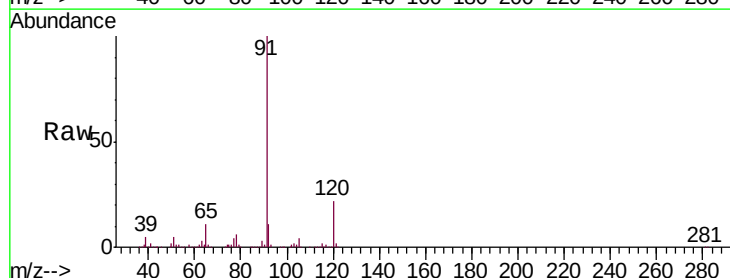
Acq: 22 Jan 2019 13:52

Tgt Ion: 91 Resp: 751910

Ion Ratio Lower Upper

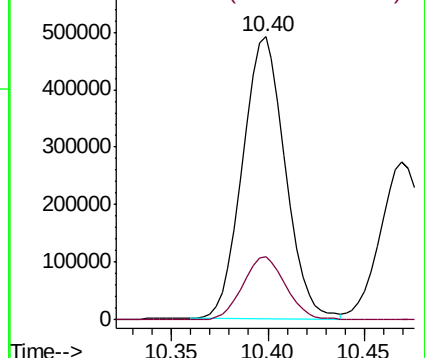
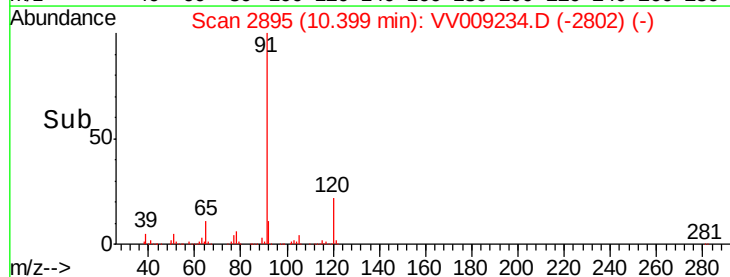
91 100

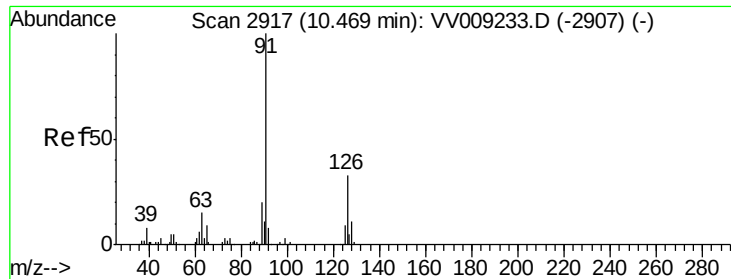
120 23.0 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 120.00 (119.70 to 120.70): V

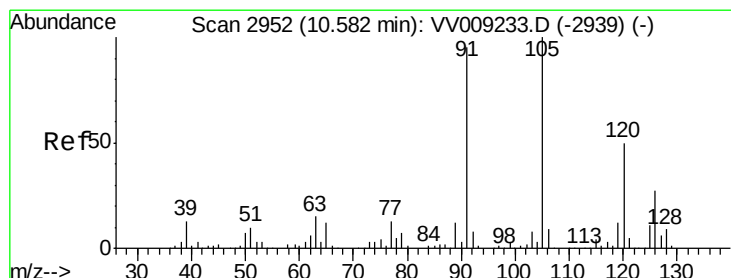
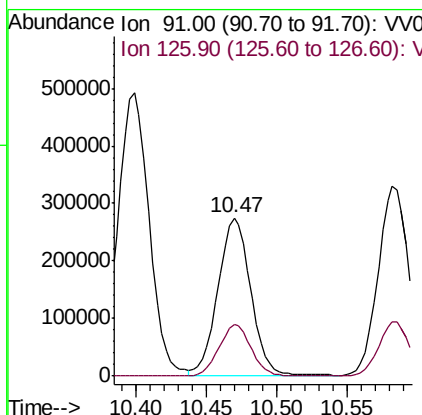
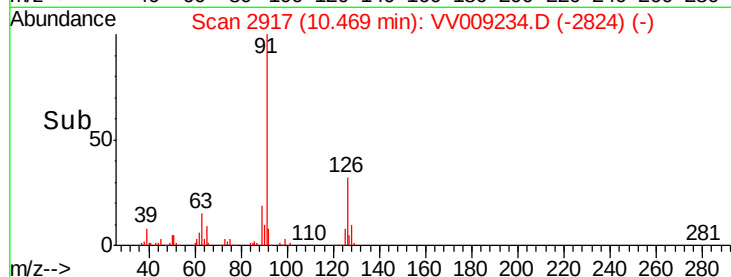
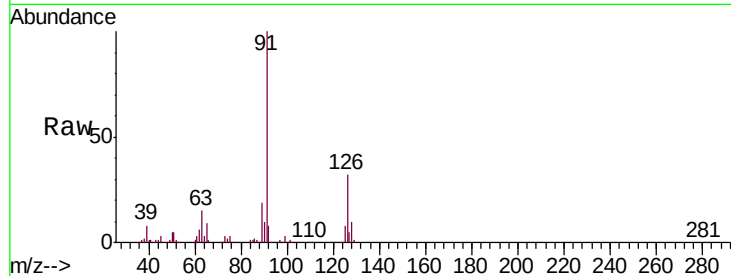




#79
 2-Chlorotoluene
 Concen: 102.238 ug/l
 RT: 10.47 min Scan# 2917
 Delta R.T. 0.00 min
 Lab File: VV009234.D
 Acq: 22 Jan 2019 13:52

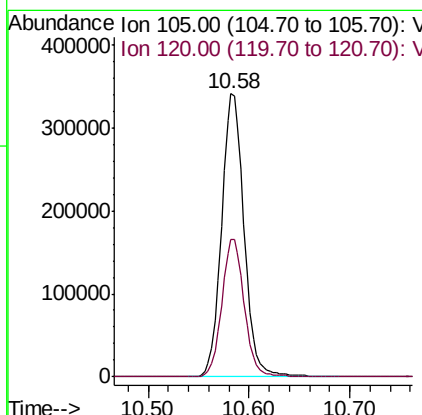
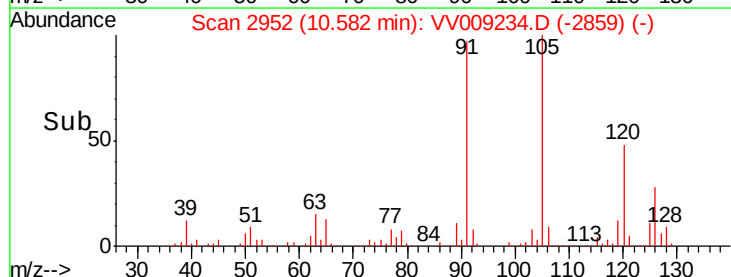
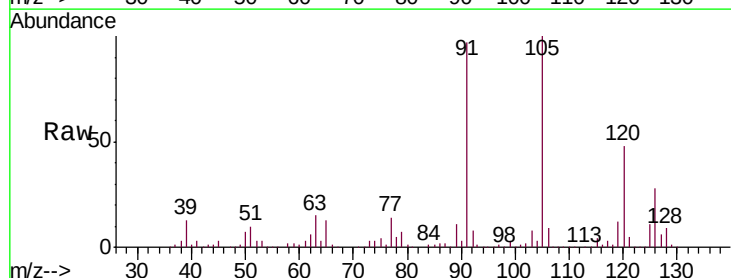
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC100

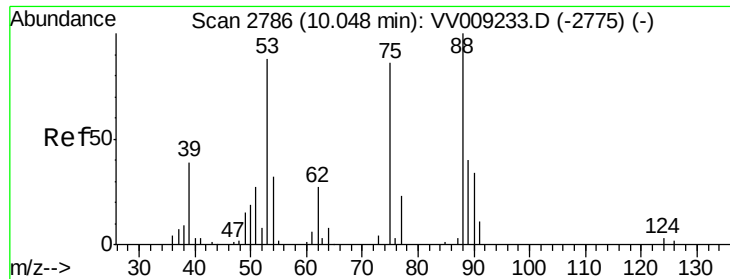
Tgt Ion: 91 Resp: 440906
 Ion Ratio Lower Upper
 91 100
 126 32.6 16.2 48.6



#80
 1,3,5-Trimethylbenzene
 Concen: 106.335 ug/l
 RT: 10.58 min Scan# 2952
 Delta R.T. 0.00 min
 Lab File: VV009234.D
 Acq: 22 Jan 2019 13:52

Tgt Ion: 105 Resp: 531598
 Ion Ratio Lower Upper
 105 100
 120 48.5 24.3 73.0

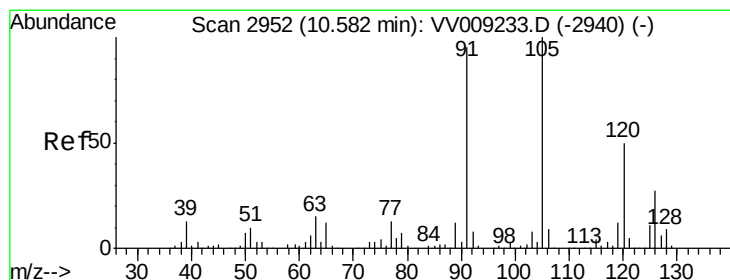
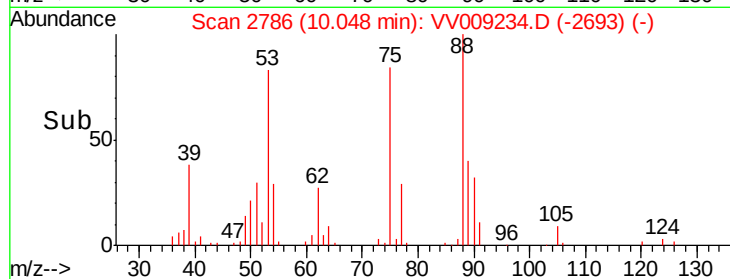
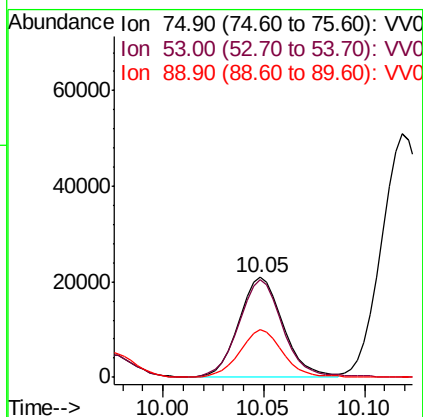
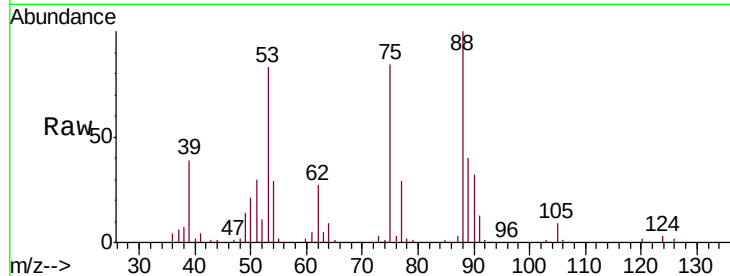




#81
trans-1,4-Dichloro-2-butene
Concen: 107.632 ug/l
RT: 10.05 min Scan# 2786
Delta R.T. 0.00 min
Lab File: VV009234.D
Acq: 22 Jan 2019 13:52

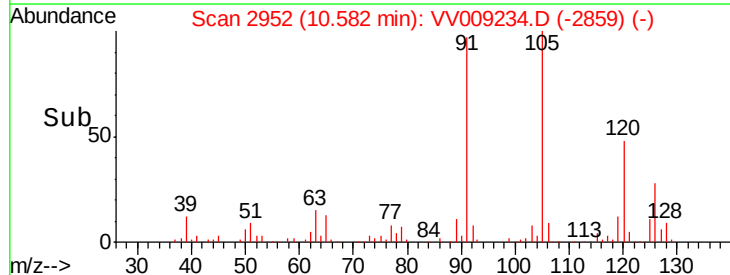
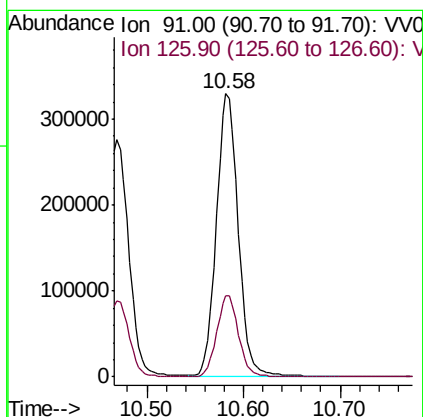
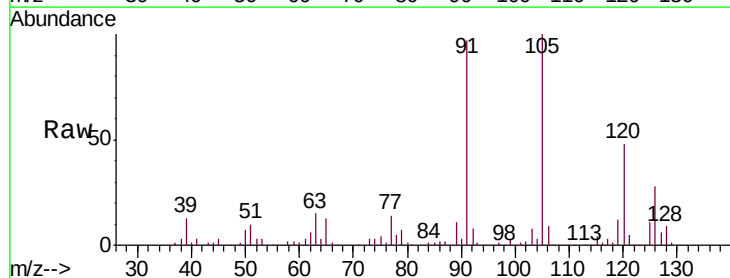
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

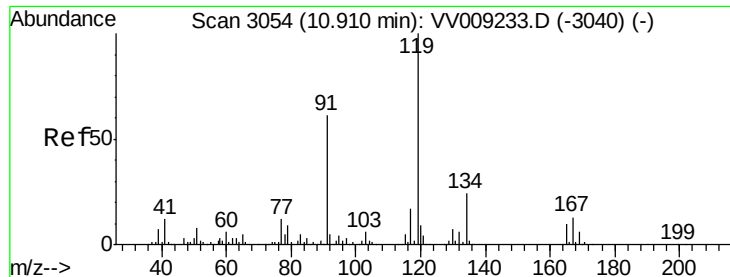
Tgt Ion: 75 Resp: 31908
Ion Ratio Lower Upper
75 100
53 96.9 82.1 123.1
89 47.4 36.2 54.4



#82
4-Chlorotoluene
Concen: 100.965 ug/l
RT: 10.58 min Scan# 2952
Delta R.T. 0.00 min
Lab File: VV009234.D
Acq: 22 Jan 2019 13:52

Tgt Ion: 91 Resp: 518602
Ion Ratio Lower Upper
91 100
126 28.8 14.3 42.9

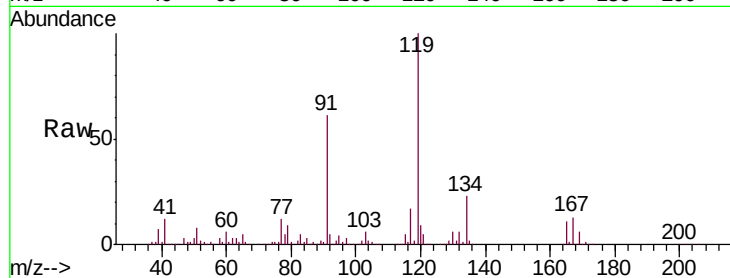




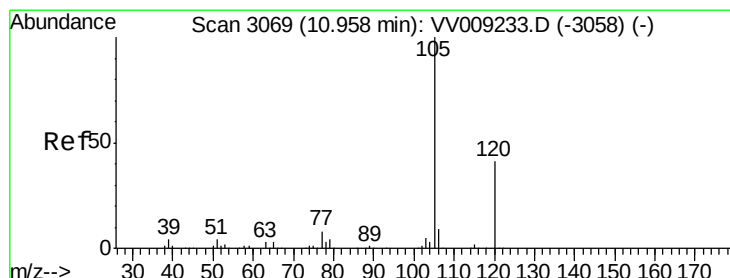
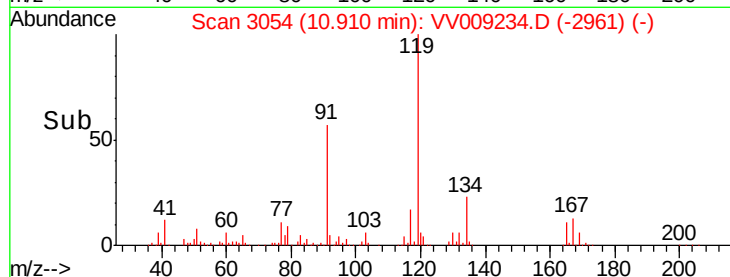
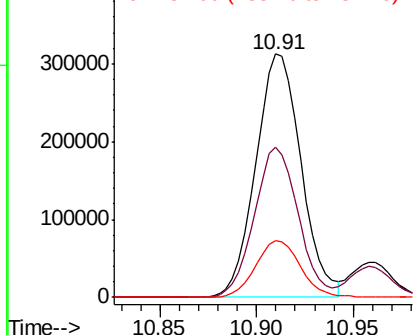
#83
 tert-Butylbenzene
 Concen: 107.625 ug/l
 RT: 10.91 min Scan# 3054
 Delta R.T. 0.00 min
 Lab File: VV009234.D
 Acq: 22 Jan 2019 13:52

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC100

Tgt Ion	Ratio	Lower	Upper
119	100		
91	59.6	30.0	90.1
134	23.4	11.9	35.7

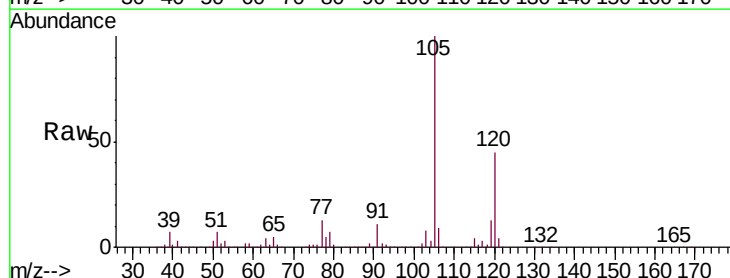


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VV0
 Ion 134.00 (133.70 to 134.70): V

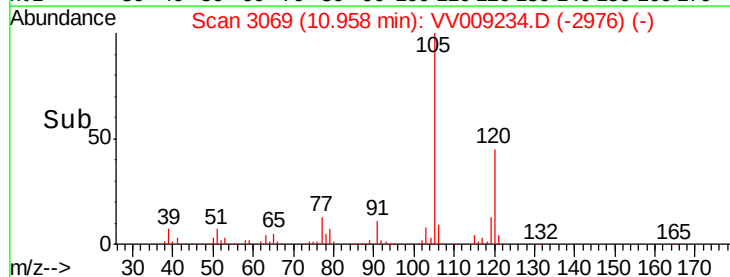
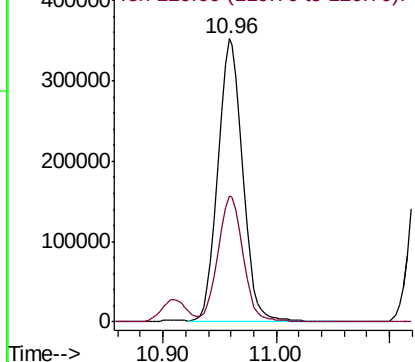


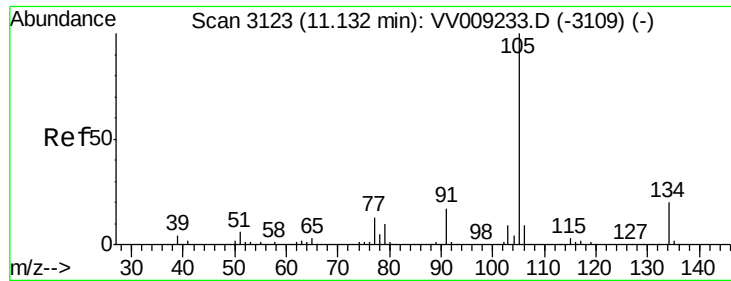
#84
 1,2,4-Trimethylbenzene
 Concen: 104.454 ug/l
 RT: 10.96 min Scan# 3069
 Delta R.T. 0.00 min
 Lab File: VV009234.D
 Acq: 22 Jan 2019 13:52

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.0	22.6	67.7



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 108.077 ug/l

RT: 11.13 min Scan# 3124

Delta R.T. 0.00 min

Lab File: VV009234.D

Acq: 22 Jan 2019 13:52

Instrument :

MSVOA_V

ClientSampleId :

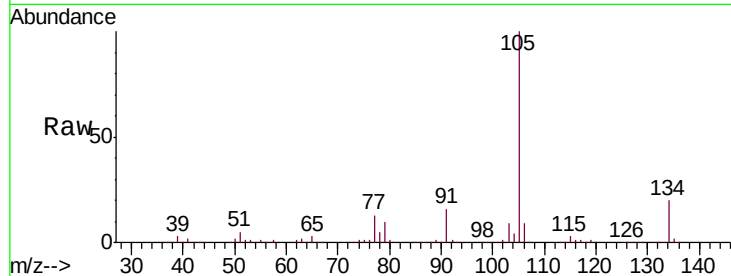
VSTDIC100

Tgt Ion:105 Resp: 660347

Ion Ratio Lower Upper

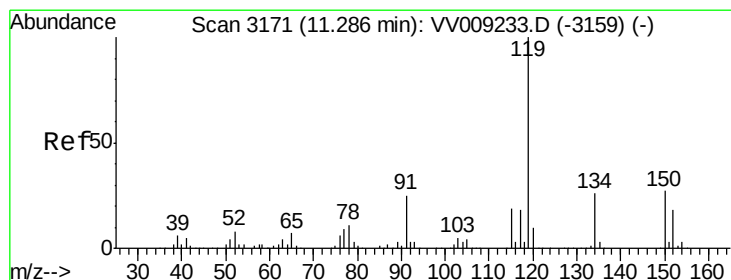
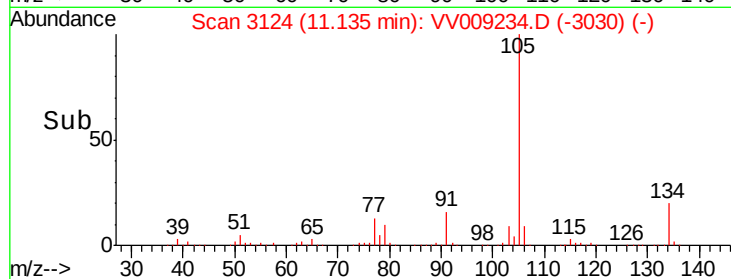
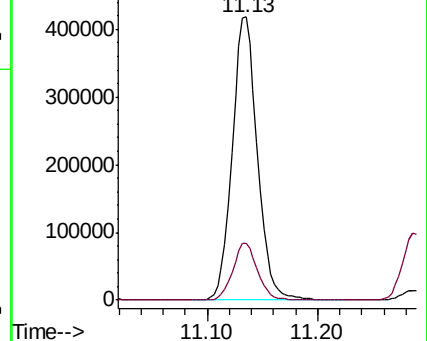
105 100

134 19.9 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 108.429 ug/l

RT: 11.29 min Scan# 3171

Delta R.T. 0.00 min

Lab File: VV009234.D

Acq: 22 Jan 2019 13:52

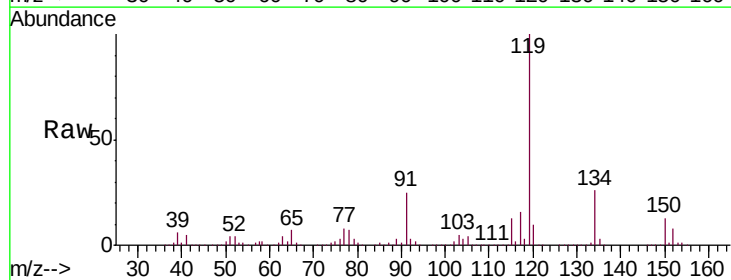
Tgt Ion:119 Resp: 587377

Ion Ratio Lower Upper

119 100

134 25.7 13.0 38.9

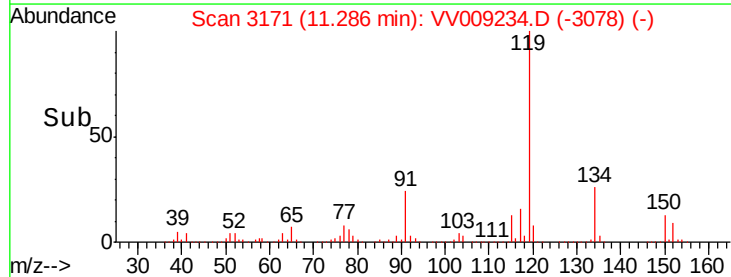
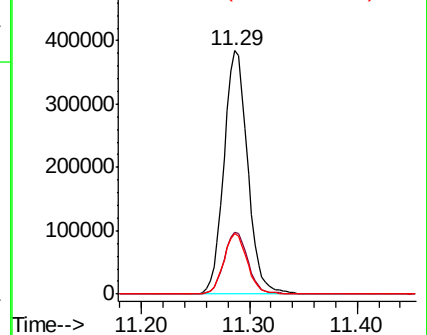
91 24.6 12.4 37.2

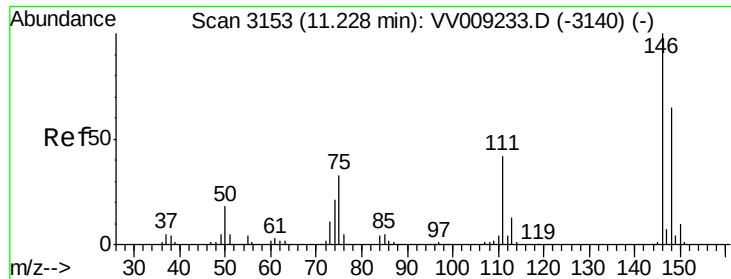


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VV0

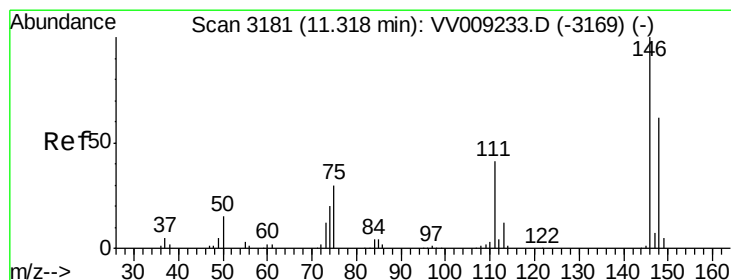
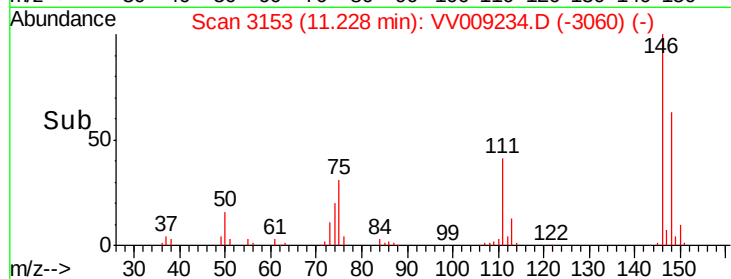
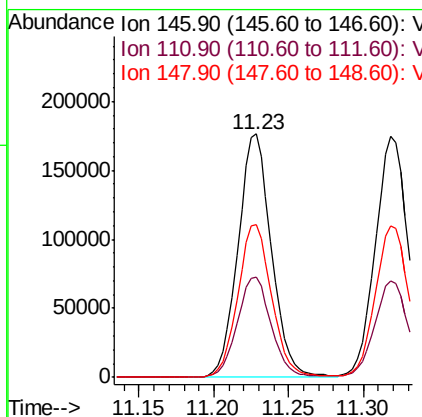
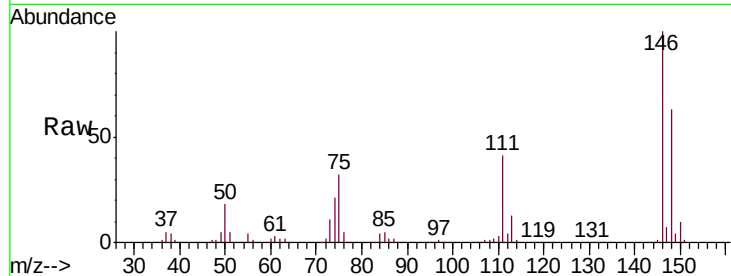




#87
 1,3-Dichlorobenzene
 Concen: 102.760 ug/l
 RT: 11.23 min Scan# 3153
 Delta R.T. 0.00 min
 Lab File: VV009234.D
 Acq: 22 Jan 2019 13:52

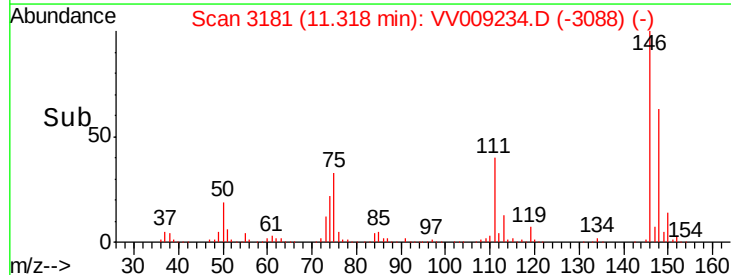
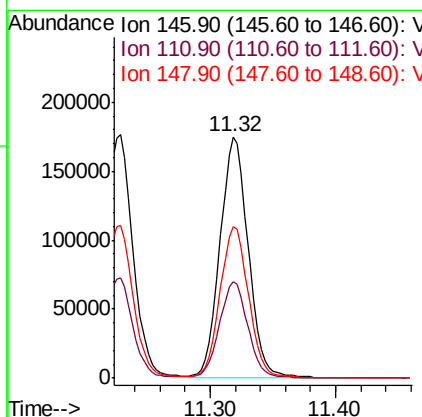
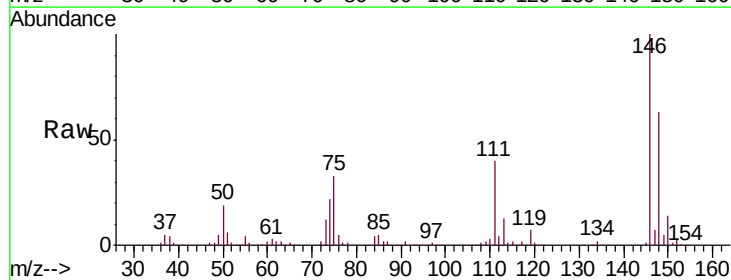
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC100

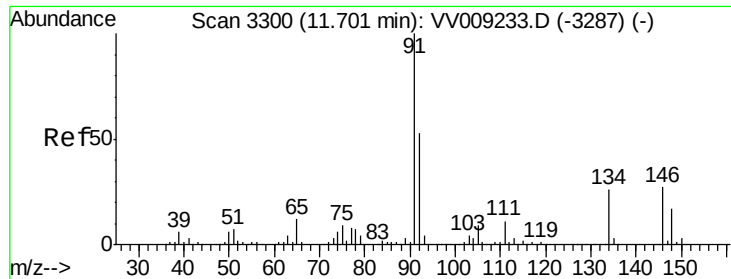
Tgt Ion:146 Resp: 275001
 Ion Ratio Lower Upper
 146 100
 111 41.8 21.1 63.4
 148 63.6 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 100.872 ug/l
 RT: 11.32 min Scan# 3181
 Delta R.T. 0.00 min
 Lab File: VV009234.D
 Acq: 22 Jan 2019 13:52

Tgt Ion:146 Resp: 273946
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.5 61.5
 148 63.6 31.4 94.3

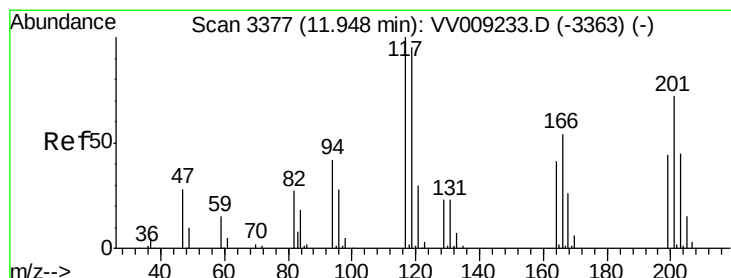
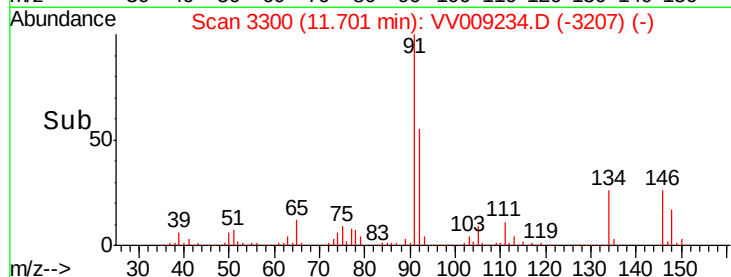
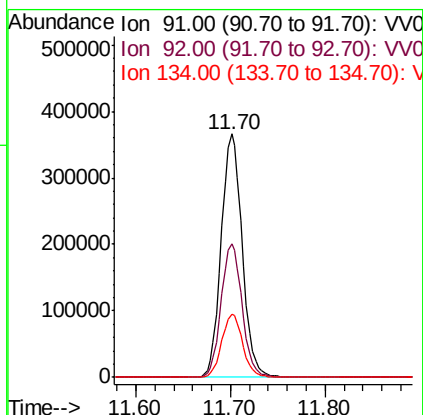
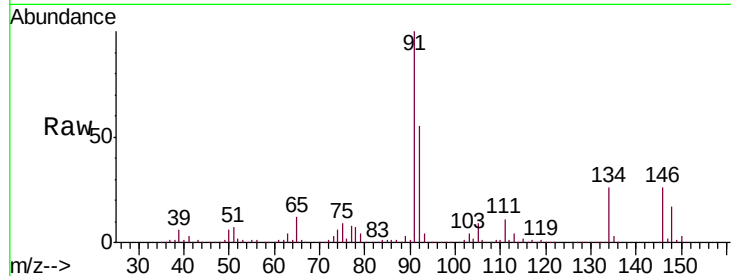




#89
n-Butylbenzene
Concen: 105.607 ug/l
RT: 11.70 min Scan# 3300
Delta R.T. 0.00 min
Lab File: VV009234.D
Acq: 22 Jan 2019 13:52

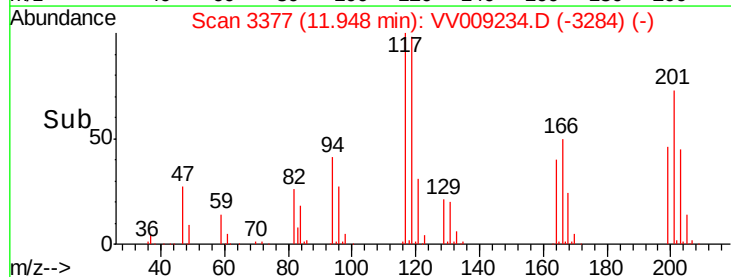
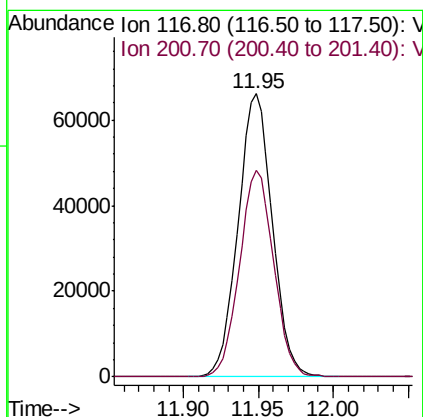
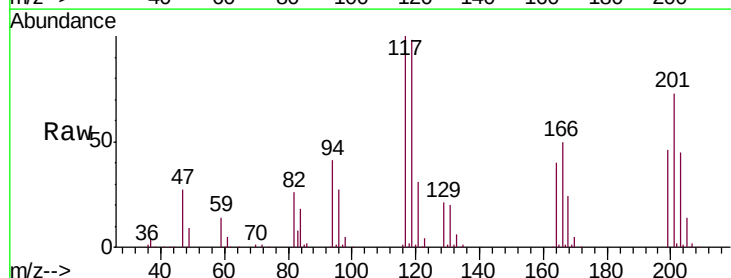
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

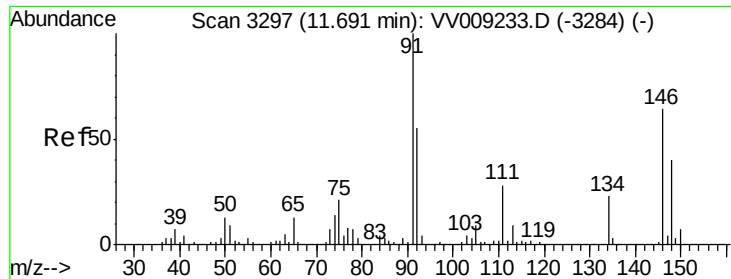
Tgt Ion: 91 Resp: 563460
Ion Ratio Lower Upper
91 100
92 54.8 27.2 81.5
134 26.0 12.6 37.8



#90
Hexachloroethane
Concen: 107.787 ug/l
RT: 11.95 min Scan# 3377
Delta R.T. 0.00 min
Lab File: VV009234.D
Acq: 22 Jan 2019 13:52

Tgt Ion: 117 Resp: 105314
Ion Ratio Lower Upper
117 100
201 72.9 35.2 105.6

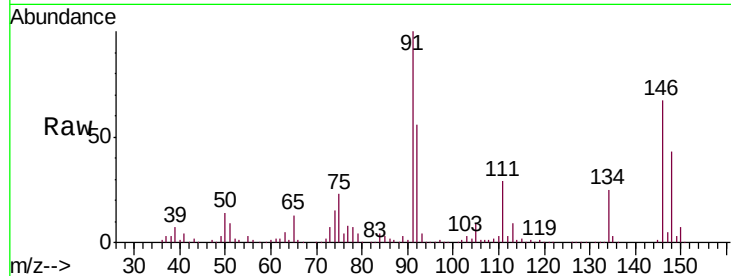




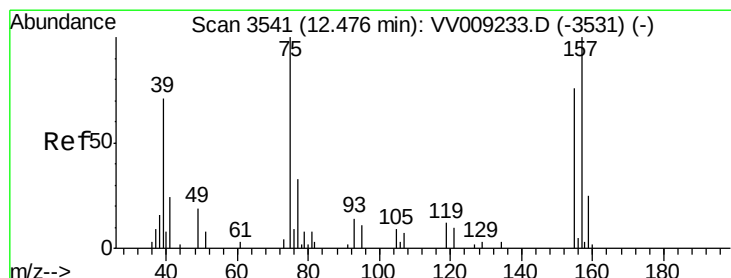
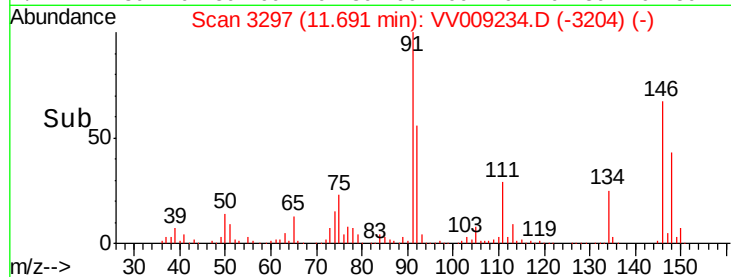
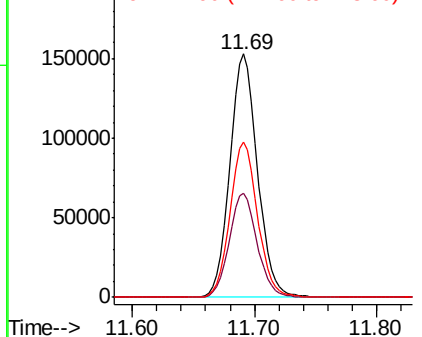
#91
 1,2-Dichlorobenzene
 Concen: 100.819 ug/l
 RT: 11.69 min Scan# 3297
 Delta R.T. 0.00 min
 Lab File: VV009234.D
 Acq: 22 Jan 2019 13:52

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC100

Tgt Ion: 146 Resp: 241269
 Ion Ratio Lower Upper
 146 100
 111 43.4 21.9 65.8
 148 63.7 31.6 95.0

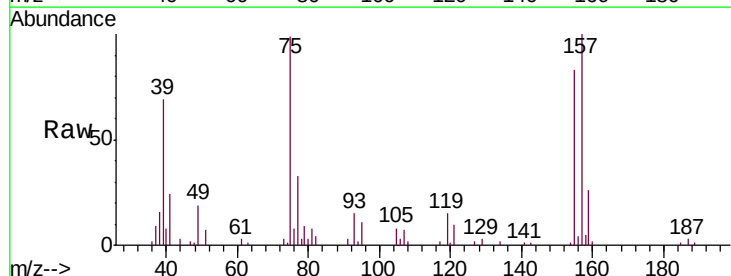


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

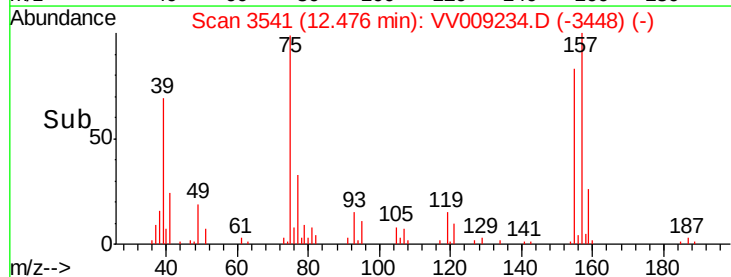
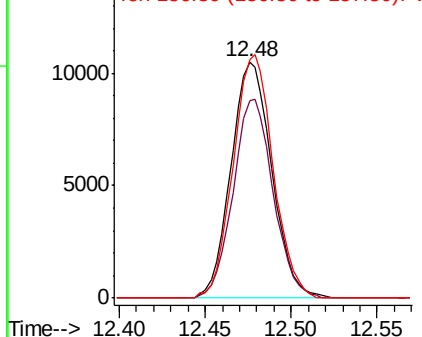


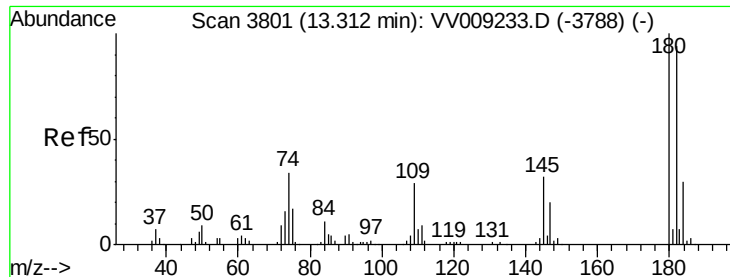
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 94.601 ug/l
 RT: 12.48 min Scan# 3541
 Delta R.T. 0.00 min
 Lab File: VV009234.D
 Acq: 22 Jan 2019 13:52

Tgt Ion: 75 Resp: 17313
 Ion Ratio Lower Upper
 75 100
 155 82.3 38.0 114.0
 157 100.7 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

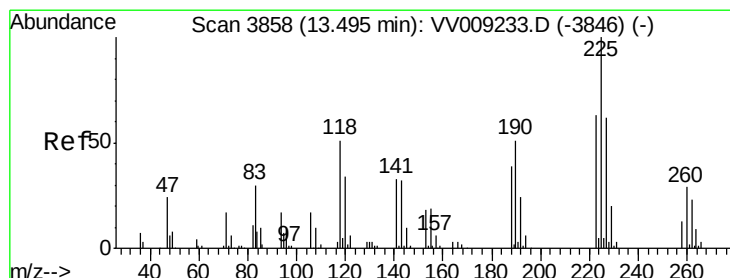
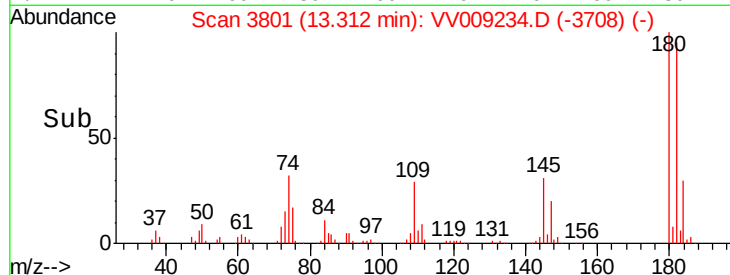
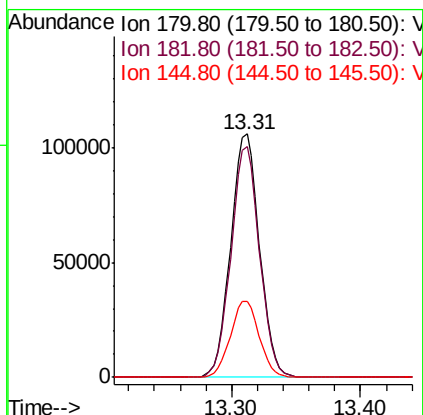
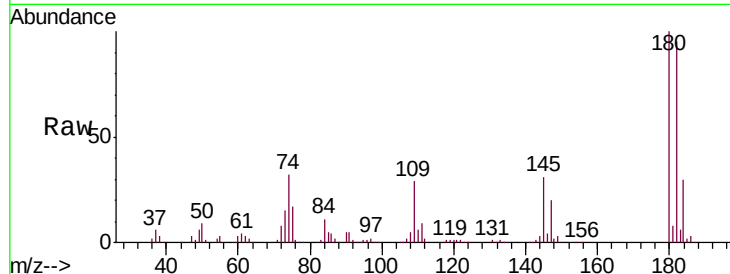




#93
 1,2,4-Trichlorobenzene
 Concen: 100.404 ug/l
 RT: 13.31 min Scan# 3801
 Delta R.T. 0.00 min
 Lab File: VV009234.D
 Acq: 22 Jan 2019 13:52

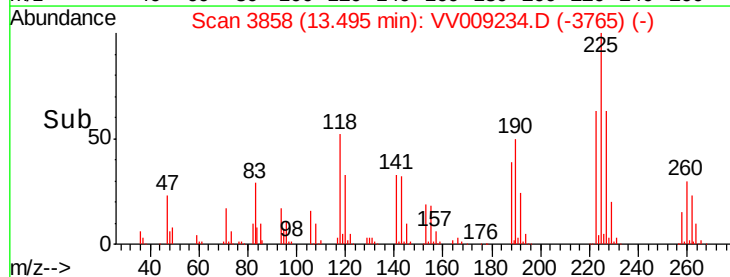
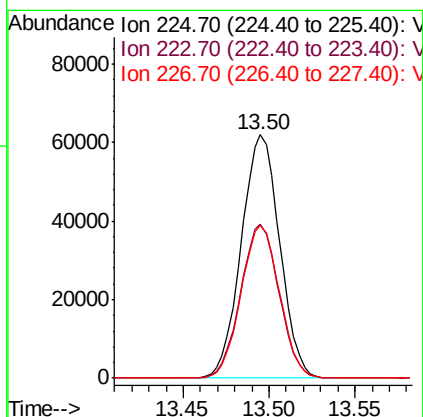
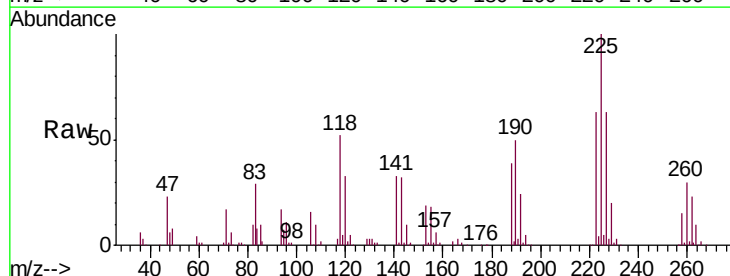
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC100

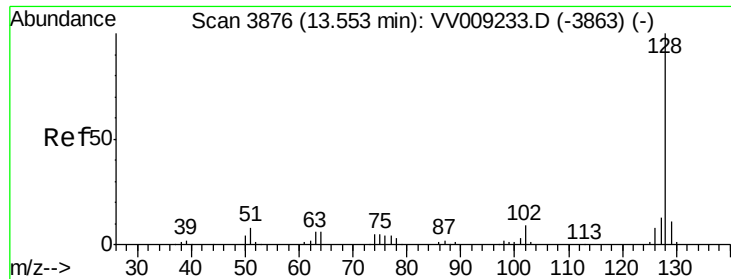
Tgt Ion:180 Resp: 163872
 Ion Ratio Lower Upper
 180 100
 182 94.1 47.1 141.4
 145 31.4 16.0 48.0



#94
 Hexachlorobutadiene
 Concen: 103.976 ug/l
 RT: 13.50 min Scan# 3858
 Delta R.T. 0.00 min
 Lab File: VV009234.D
 Acq: 22 Jan 2019 13:52

Tgt Ion:225 Resp: 95819
 Ion Ratio Lower Upper
 225 100
 223 63.3 31.7 95.1
 227 62.7 31.6 95.0

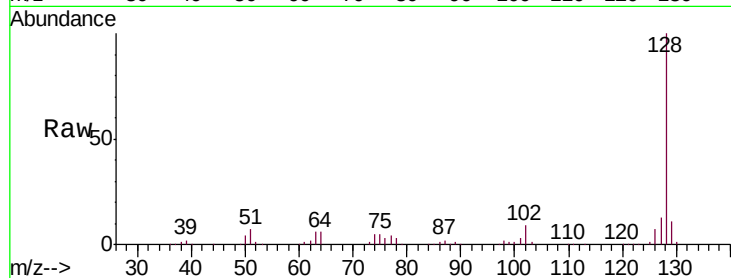




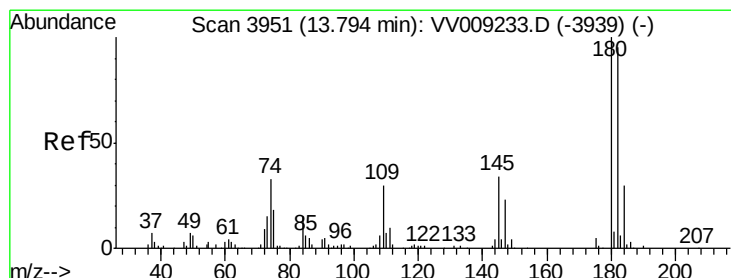
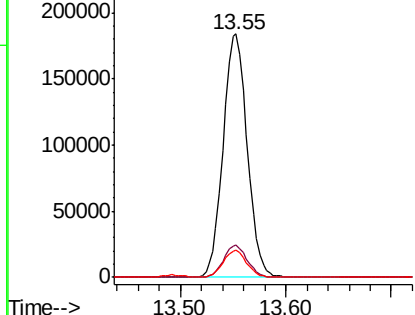
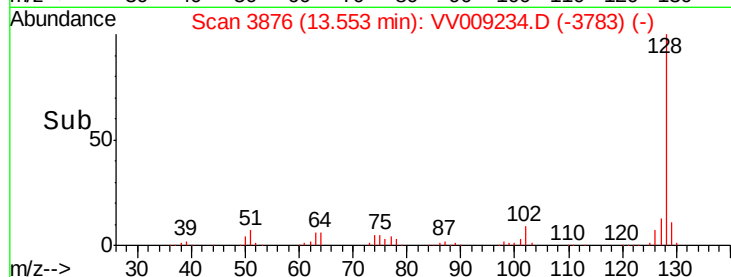
#95
Naphthalene
Concen: 101.406 ug/l
RT: 13.55 min Scan# 3876
Delta R.T. 0.00 min
Lab File: VV009234.D
Acq: 22 Jan 2019 13:52

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 290436
Ion Ratio Lower Upper
128 100
127 13.0 10.7 16.1
129 10.9 8.8 13.2

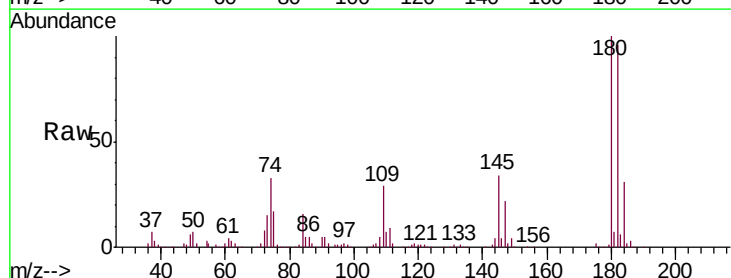


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 97.622 ug/l
RT: 13.79 min Scan# 3951
Delta R.T. 0.00 min
Lab File: VV009234.D
Acq: 22 Jan 2019 13:52

Tgt Ion:180 Resp: 135243
Ion Ratio Lower Upper
180 100
182 95.1 47.4 142.2
145 34.2 17.2 51.5



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

