

Data File : VV009231.D
Acq On : 22 Jan 2019 12:26
Operator : SY/MD
Sample : VSTDIC010
Misc : 5.00 G/5ML/MSVOA_V/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

Quant Time: Jan 23 00:41:18 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	83359	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.66	114	144445	50.00	ug/l	0.00
63) Chlorobenzene-d5	8.89	117	131011	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.30	152	64300	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.07	65	11302	10.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.02%	
35) Dibromofluoromethane	4.64	113	9715	10.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.28%	
50) Toluene-d8	7.36	98	36000	9.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.54%	
62) 4-Bromofluorobenzene	10.12	95	13832	9.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.54%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	6698	10.117	ug/l	98
3) Chloromethane	1.25	50	9063	9.388	ug/l	98
4) Vinyl Chloride	1.32	62	11199	11.865	ug/l	95
5) Bromomethane	1.53	94	6185	9.984	ug/l	98
6) Chloroethane	1.59	64	6048	10.173	ug/l	98
7) Trichlorofluoromethane	1.76	101	7707	13.346	ug/l	99
8) Diethyl Ether	1.96	74	4968	10.626	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.14	101	9827	11.434	ug/l	97
10) Methyl Iodide	2.25	142	14929	10.573	ug/l	99
11) Tert butyl alcohol	2.65	59	4876	59.065	ug/l #	87
12) 1,1-Dichloroethene	2.13	96	9088	10.531	ug/l	95
13) Acrolein	2.06	56	3765	62.923	ug/l	98
14) Allyl chloride	2.42	41	15985	10.536	ug/l	97
15) Acrylonitrile	2.76	53	10949	54.151	ug/l	99
16) Acetone	2.18	43	16735	60.594	ug/l	99
17) Carbon Disulfide	2.31	76	28196	10.949	ug/l	99
18) Methyl Acetate	2.45	43	8526	11.887	ug/l	94
19) Methyl tert-butyl Ether	2.79	73	15384	11.381	ug/l	98
20) Methylene Chloride	2.53	84	11700	11.202	ug/l	97
21) trans-1,2-Dichloroethene	2.78	96	10080	10.802	ug/l	94
22) Diisopropyl ether	3.32	45	34434	10.194	ug/l	94
23) Vinyl Acetate	3.30	43	92981	49.871	ug/l	99
24) 1,1-Dichloroethane	3.22	63	21383	10.436	ug/l	100
25) 2-Butanone	4.02	43	18185	55.508	ug/l	97
26) 2,2-Dichloropropane	3.95	77	10935	10.095	ug/l	99
27) cis-1,2-Dichloroethene	3.95	96	11876	10.088	ug/l	98
28) Bromochloromethane	4.29	49	7822	9.943	ug/l #	95
29) Tetrahydrofuran	4.39	42	9220	49.127	ug/l	97
30) Chloroform	4.42	83	21496	10.094	ug/l	98
31) Cyclohexane	4.72	56	19599	10.733	ug/l #	89
32) 1,1,1-Trichloroethane	4.65	97	17554	10.332	ug/l	96
36) 1,1-Dichloropropene	4.88	75	16365	10.463	ug/l	96
37) Ethyl Acetate	4.12	43	6806	10.418	ug/l #	91
38) Carbon Tetrachloride	4.87	117	16163	10.400	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.17	83	19000	10.557	ug/l	95
40) Benzene	5.14	78	45575	10.316	ug/l	97
41) Methacrylonitrile	4.30	41	3971	10.381	ug/l	96
42) 1,2-Dichloroethane	5.18	62	14750	10.007	ug/l	99
43) Isopropyl Acetate	5.32	43	12576	9.688	ug/l	99
44) Trichloroethene	5.96	130	11590	10.190	ug/l	99
45) 1,2-Dichloropropane	6.22	63	11197	10.400	ug/l	96
46) Dibromomethane	6.35	93	5538	9.440	ug/l	95
47) Bromodichloromethane	6.55	83	14714	9.615	ug/l	93
48) Methyl methacrylate	6.42	41	6427	9.768	ug/l	97
49) 1,4-Dioxane	6.42	88	1439	189.063	ug/l	97
51) 4-Methyl-2-Pentanone	7.27	43	31700	48.817	ug/l	99
52) Toluene	7.43	92	28728	10.360	ug/l	97
53) t-1,3-Dichloropropene	7.69	75	14265	9.581	ug/l	98
54) cis-1,3-Dichloropropene	7.07	75	15700	9.307	ug/l	96
55) 1,1,2-Trichloroethane	7.88	97	8201	10.318	ug/l	93
56) Ethyl methacrylate	7.83	69	8670	9.004	ug/l	96
57) 1,3-Dichloropropane	8.05	76	14725	10.050	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.94	63	157	8.473	ug/l #	52
59) 2-Hexanone	8.18	43	22940	47.660	ug/l	98
60) Dibromochloromethane	8.29	129	8941	9.447	ug/l	100
61) 1,2-Dibromoethane	8.39	107	7797	9.899	ug/l	97
64) Tetrachloroethene	8.02	164	9336	10.470	ug/l	97
65) Chlorobenzene	8.92	112	31792	10.626	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.02	131	10686	10.394	ug/l	94
67) Ethyl Benzene	9.05	91	54007	10.161	ug/l	98
68) m/p-Xylenes	9.18	106	41082	20.601	ug/l	98
69) o-Xylene	9.59	106	18628	10.026	ug/l	96
70) Styrene	9.60	104	29052	9.591	ug/l	99
71) Bromoform	9.77	173	4736	9.429	ug/l #	97
73) Isopropylbenzene	9.97	105	52905	10.390	ug/l	100
74) N-amyl acetate	9.84	43	9607	8.932	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.29	83	9500	10.418	ug/l	97
76) 1,2,3-Trichloropropane	10.05	75	2194	3.092	ug/l	78
77) Bromobenzene	10.26	156	11492	10.165	ug/l	97
78) n-propylbenzene	10.40	91	62623	10.379	ug/l	99
79) 2-Chlorotoluene	10.47	91	38759	10.413	ug/l	98
80) 1,3,5-Trimethylbenzene	10.58	105	44556	10.326	ug/l	98
81) trans-1,4-Dichloro-2-buten	10.05	75	2221	8.680	ug/l	87
82) 4-Chlorotoluene	10.58	91	44884	10.124	ug/l	98
83) tert-Butylbenzene	10.91	119	42366	10.326	ug/l	99
84) 1,2,4-Trimethylbenzene	10.96	105	44773	10.068	ug/l	98
85) sec-Butylbenzene	11.13	105	56380	10.691	ug/l	97
86) p-Isopropyltoluene	11.29	119	48178	10.304	ug/l	99
87) 1,3-Dichlorobenzene	11.23	146	23896	10.345	ug/l	99
88) 1,4-Dichlorobenzene	11.32	146	24272	10.355	ug/l	95
89) n-Butylbenzene	11.70	91	46644	10.129	ug/l	98
90) Hexachloroethane	11.95	117	8484	10.060	ug/l	97
91) 1,2-Dichlorobenzene	11.69	146	21181	10.254	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.48	75	1639	10.376	ug/l	88

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

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Misc : 5.00 G/5ML/MSVOA_V/SOIL
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.31	180	12704	9.018	ug/l	96
94) Hexachlorobutadiene	13.49	225	8456	10.631	ug/l	98
95) Naphthalene	13.55	128	21157	8.558	ug/l	99
96) 1,2,3-Trichlorobenzene	13.79	180	11227	9.389	ug/l	99

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

Data File : VV009231.D

Acq On : 22 Jan 2019 12:26

Operator : SY/MD

Sample : VSTDICC010

Misc : 5.00 G/5ML/MSV0A V/SOIL

ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC010

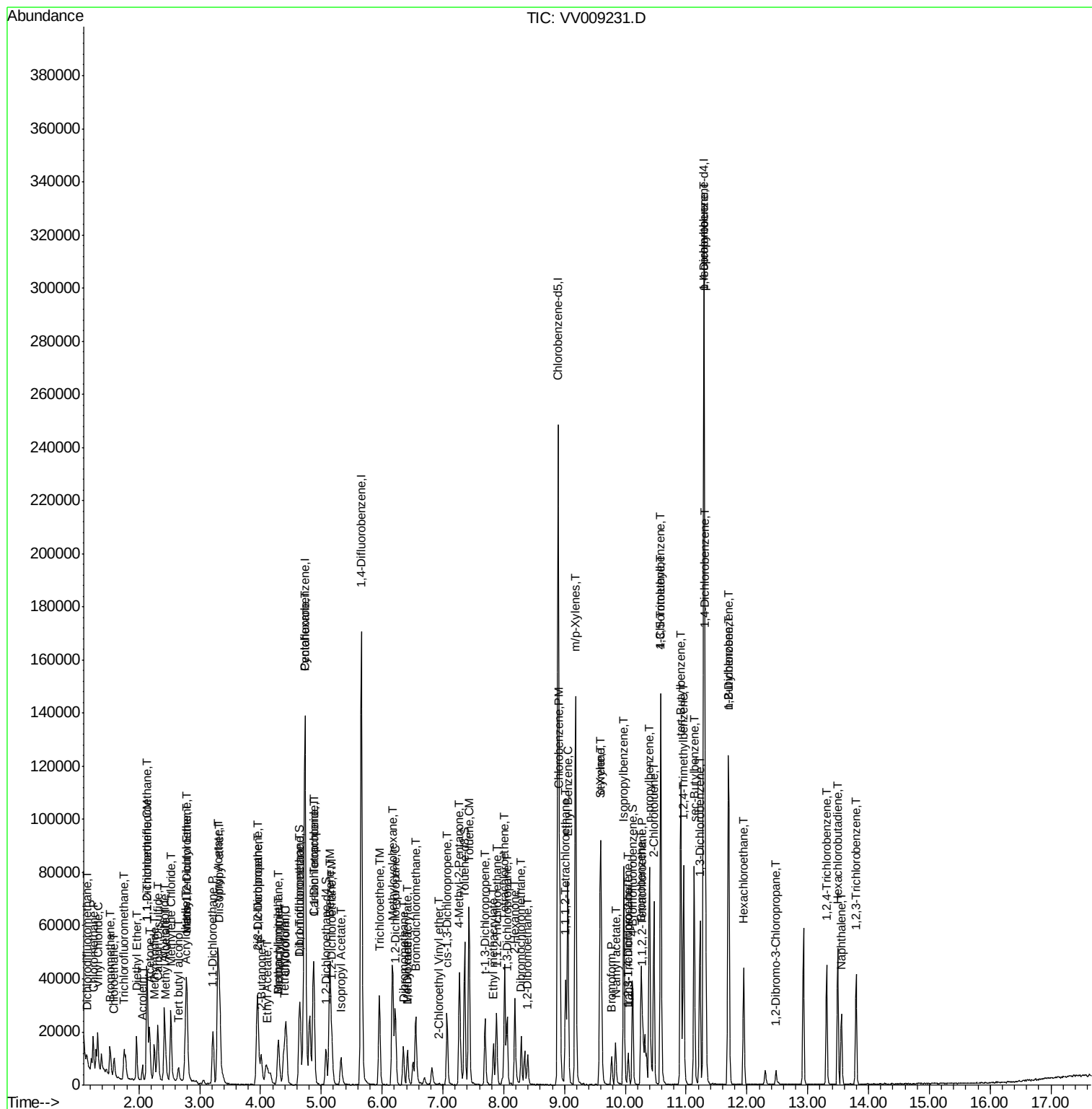
Quant Time: Jan 23 00:41:18 2019

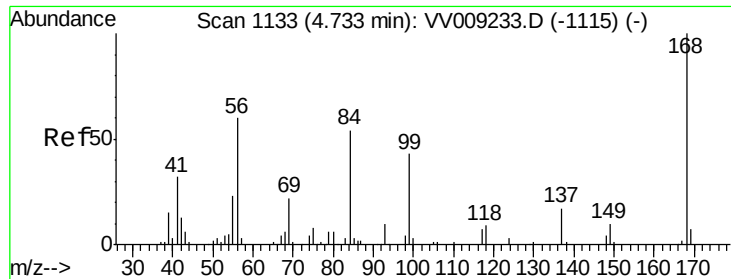
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_V\METHOD\82V012219S.M

Quant Title : SW846 8260

QLast Update : Wed Jan 23 00:37:29 2019

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.73 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VV009231.D

Acq: 22 Jan 2019 12:26

Instrument :

MSVOA_V

ClientSampleId :

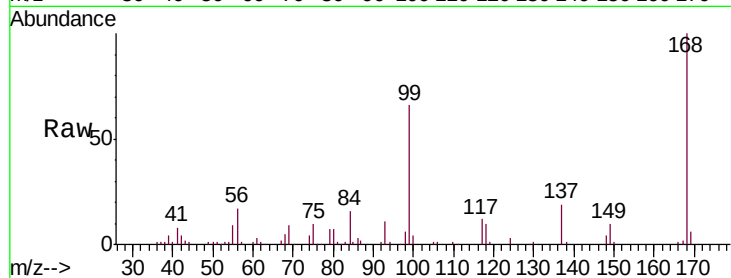
VSTDIC010

Tgt Ion:168 Resp: 83359

Ion Ratio Lower Upper

168 100

99 65.6 50.9 76.3



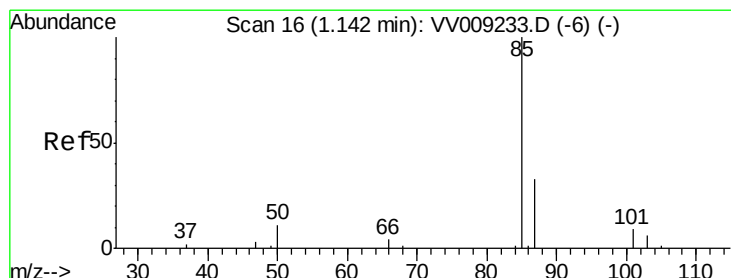
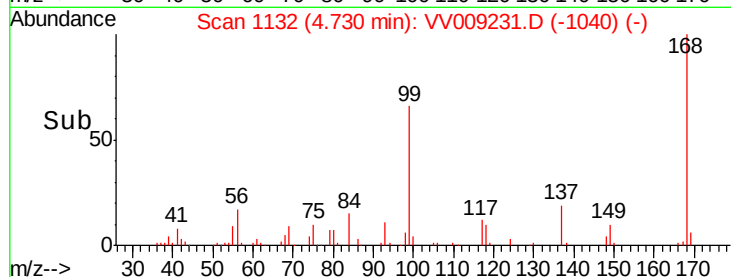
Abundance Ion 167.90 (167.60 to 168.60): VV009233.D (-1115) (-)

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

4.73

4.60 4.70 4.80

Time-->



#2

Dichlorodifluoromethane

Concen: 10.117 ug/l

RT: 1.14 min Scan# 16

Delta R.T. 0.00 min

Lab File: VV009231.D

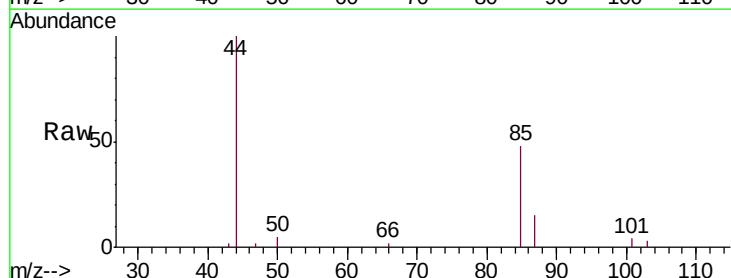
Acq: 22 Jan 2019 12:26

Tgt Ion: 85 Resp: 6698

Ion Ratio Lower Upper

85 100

87 31.9 16.6 49.7



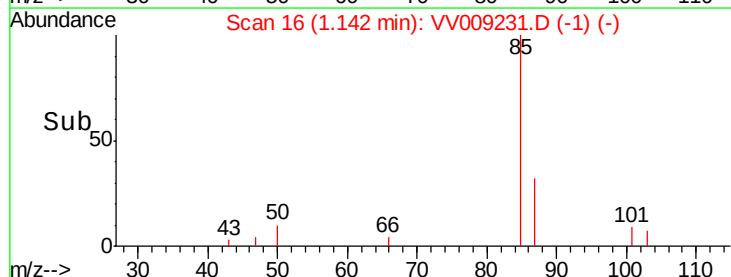
Abundance Ion 84.90 (84.60 to 85.60): VV009233.D (-6) (-)

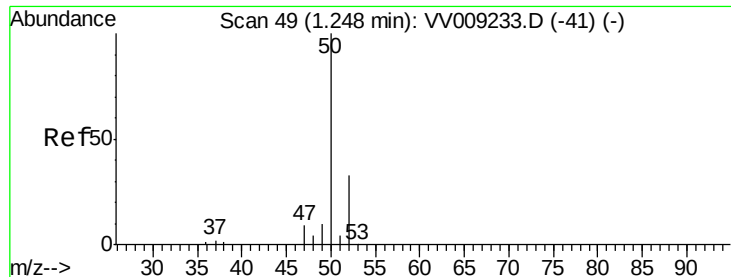
Ion 86.90 (86.60 to 87.60): VV009233.D (-6) (-)

1.14

1.10 1.15 1.20

Time-->





#3

Chloromethane

Concen: 9.388 ug/l

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV009231.D

Acq: 22 Jan 2019 12:26

Instrument :

MSVOA_V

ClientSampleId :

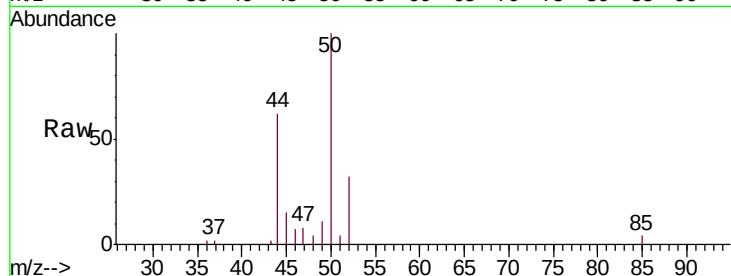
VSTDIC010

Tgt Ion: 50 Resp: 9063

Ion Ratio Lower Upper

50 100

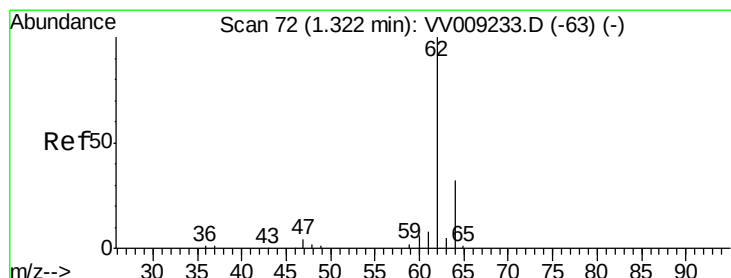
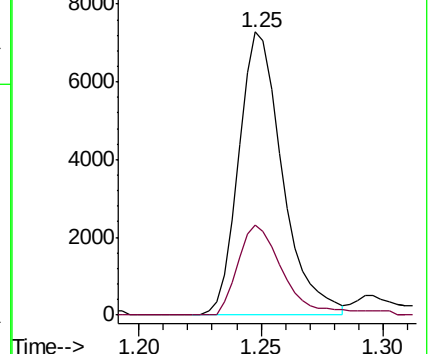
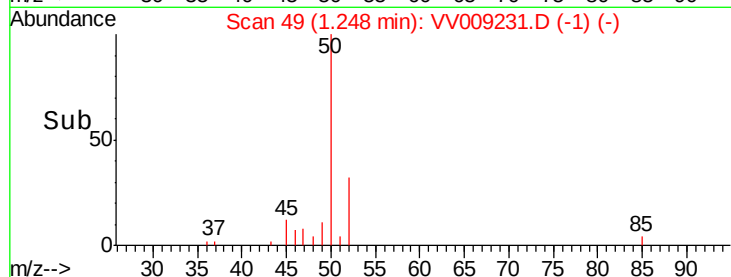
52 31.7 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VV009231.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VV009231.D (-1) (-)

Time-->



#4

Vinyl Chloride

Concen: 11.865 ug/l

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VV009231.D

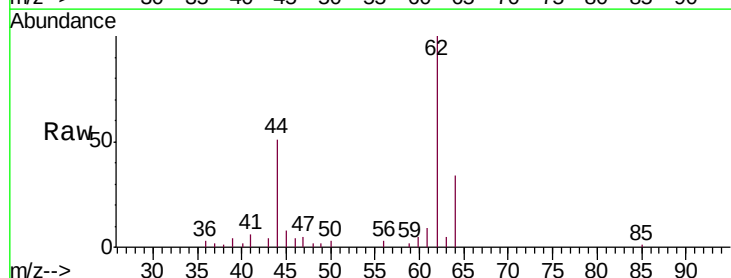
Acq: 22 Jan 2019 12:26

Tgt Ion: 62 Resp: 11199

Ion Ratio Lower Upper

62 100

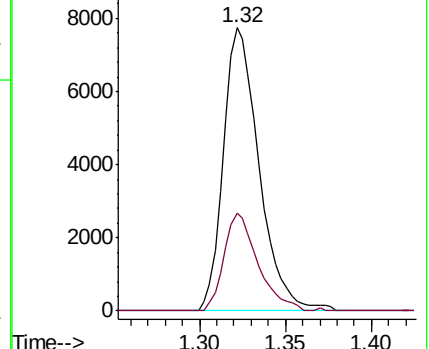
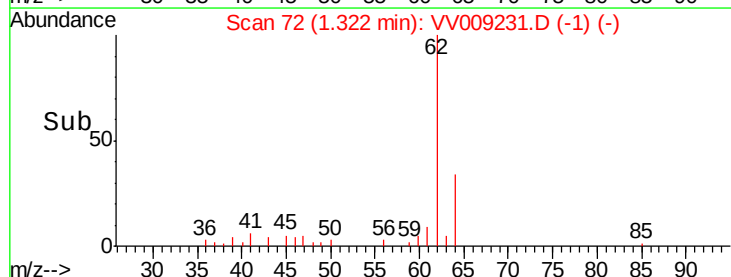
64 34.4 25.4 38.0

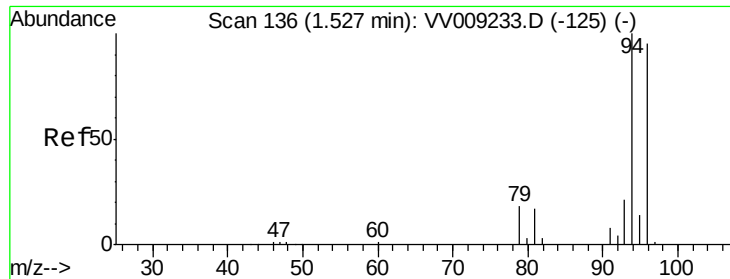


Abundance Ion 61.90 (61.60 to 62.60): VV009231.D (-1) (-)

Ion 63.90 (63.60 to 64.60): VV009231.D (-1) (-)

Time-->

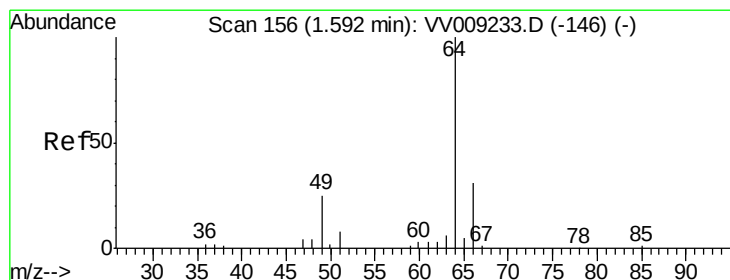
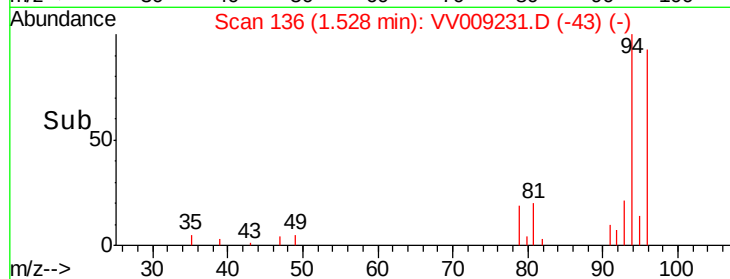
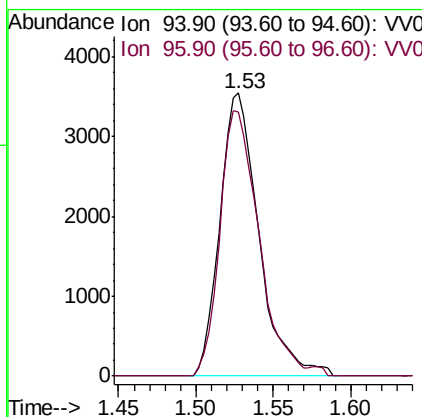
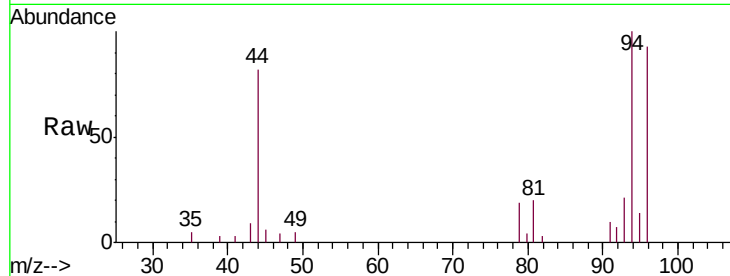




#5
Bromomethane
Concen: 9.984 ug/l
RT: 1.53 min Scan# 136
Delta R.T. 0.00 min
Lab File: VV009231.D
Acq: 22 Jan 2019 12:26

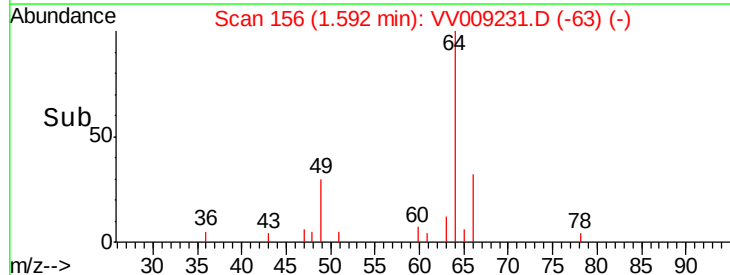
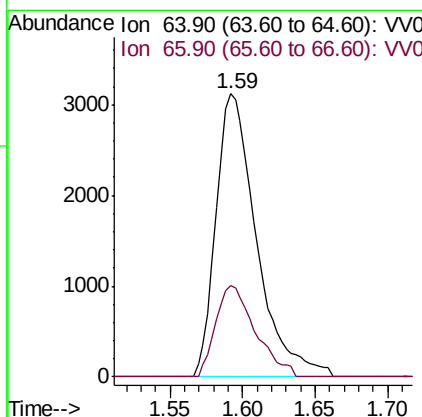
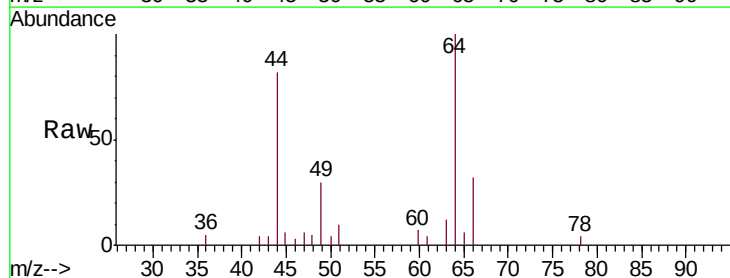
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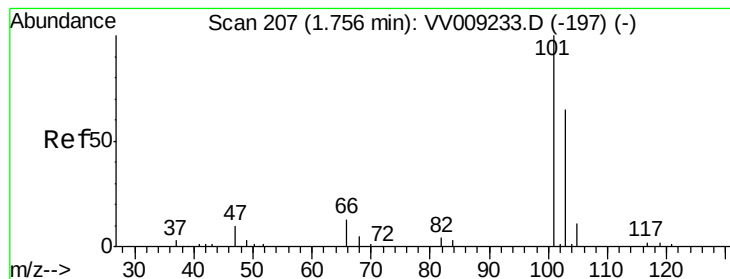
Tgt Ion: 94 Resp: 6185
Ion Ratio Lower Upper
94 100
96 93.3 76.3 114.5



#6
Chloroethane
Concen: 10.173 ug/l
RT: 1.59 min Scan# 156
Delta R.T. 0.00 min
Lab File: VV009231.D
Acq: 22 Jan 2019 12:26

Tgt Ion: 64 Resp: 6048
Ion Ratio Lower Upper
64 100
66 32.3 25.1 37.7



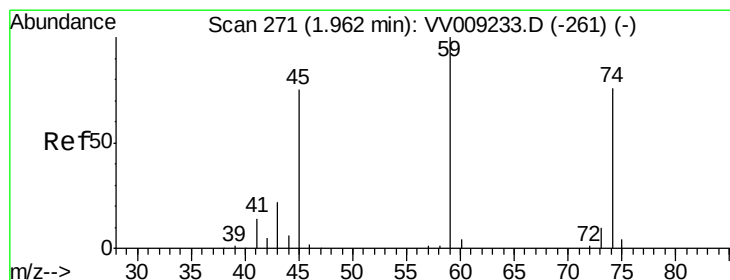
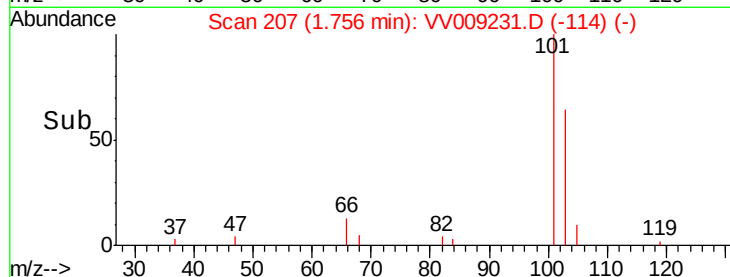
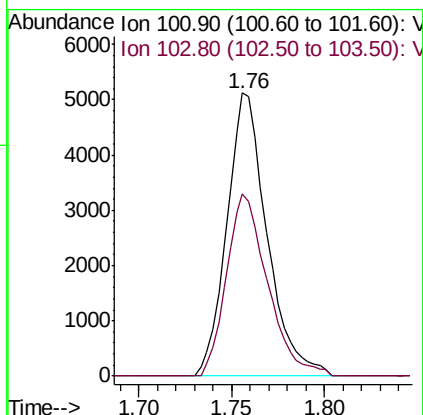
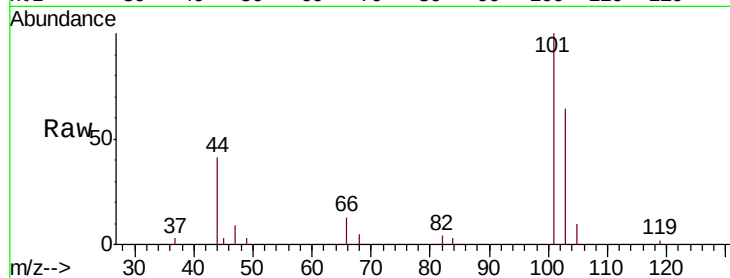


#7

Trichlorofluoromethane
 Concen: 13.346 ug/l
 RT: 1.76 min Scan# 207
 Delta R.T. 0.00 min
 Lab File: VV009231.D
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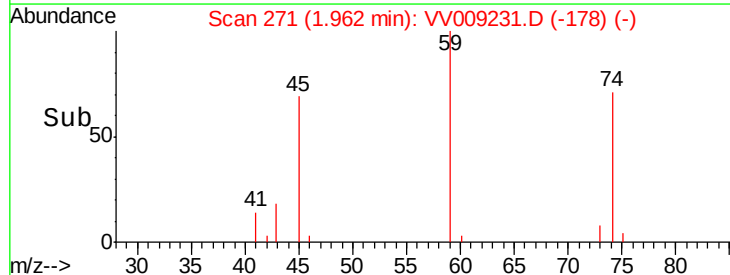
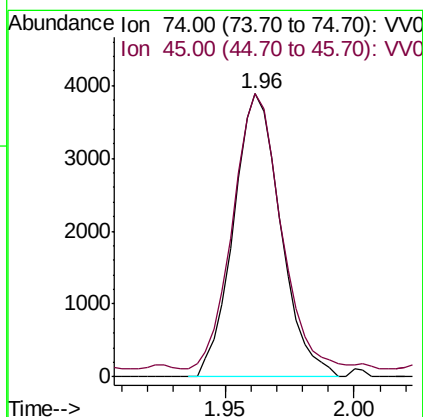
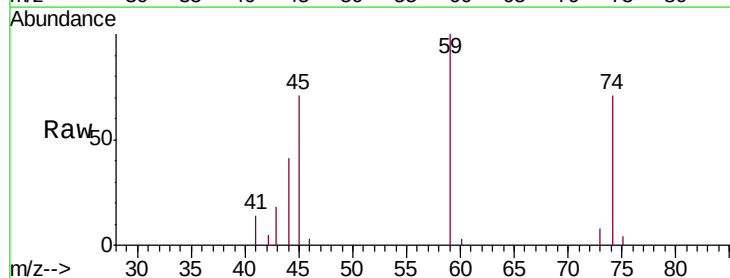
Tgt Ion: 101 Resp: 7707
 Ion Ratio Lower Upper
 101 100
 103 64.5 52.2 78.4

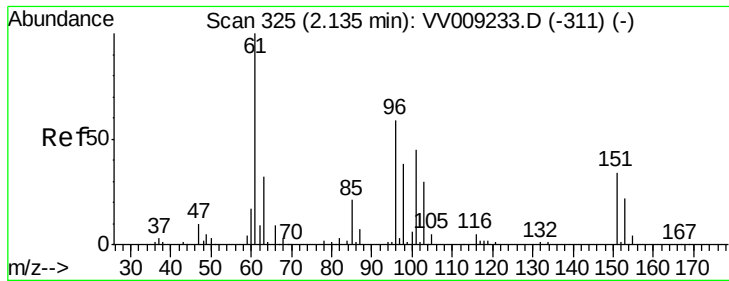


#8

Diethyl Ether
 Concen: 10.626 ug/l
 RT: 1.96 min Scan# 271
 Delta R.T. 0.00 min
 Lab File: VV009231.D
 Acq: 22 Jan 2019 12:26

Tgt Ion: 74 Resp: 4968
 Ion Ratio Lower Upper
 74 100
 45 99.9 49.1 147.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 11.434 ug/l

RT: 2.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VV009231.D

Acq: 22 Jan 2019 12:26

Instrument :

MSVOA_V

ClientSampleId :

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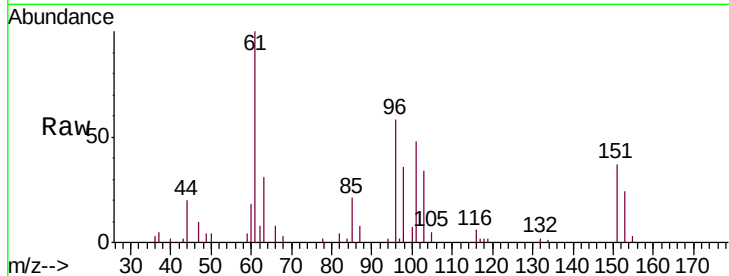
Tgt Ion:101 Resp: 9827

Ion Ratio Lower Upper

101 100

85 44.8 35.3 52.9

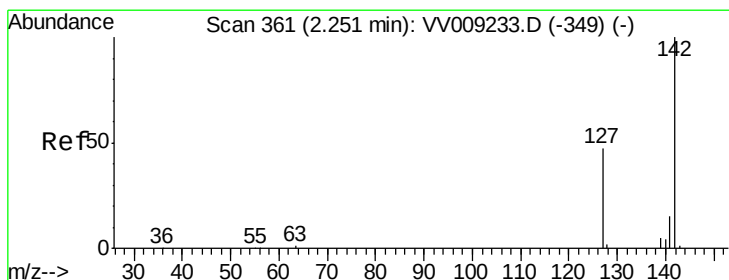
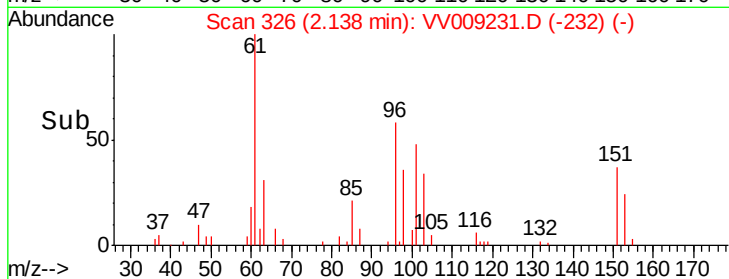
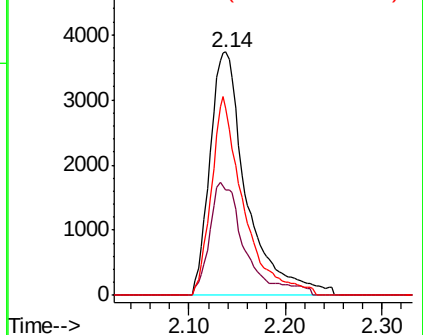
151 71.7 60.1 90.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VV0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 10.573 ug/l

RT: 2.25 min Scan# 362

Delta R.T. 0.00 min

Lab File: VV009231.D

Acq: 22 Jan 2019 12:26

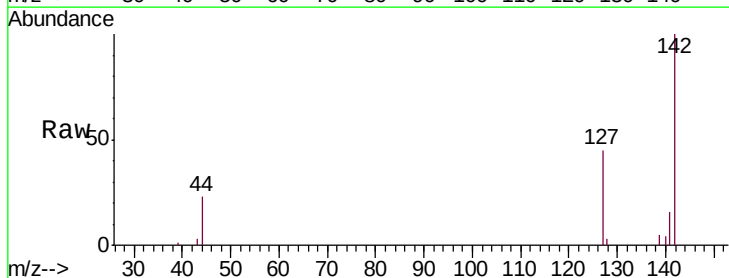
Tgt Ion:142 Resp: 14929

Ion Ratio Lower Upper

142 100

127 47.8 37.9 56.9

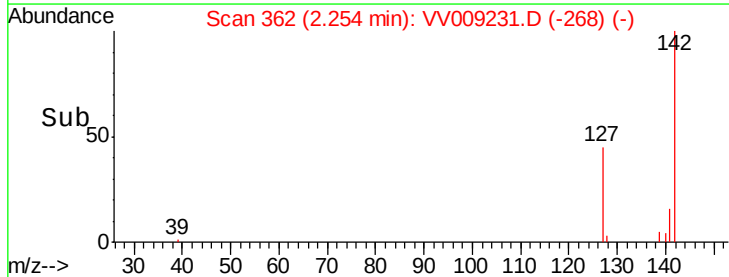
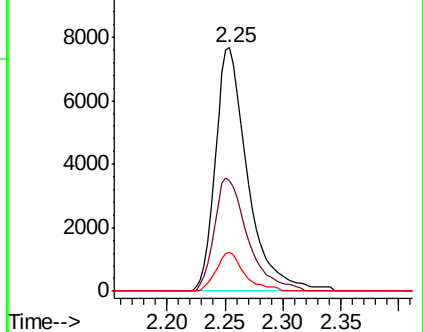
141 14.0 11.7 17.5

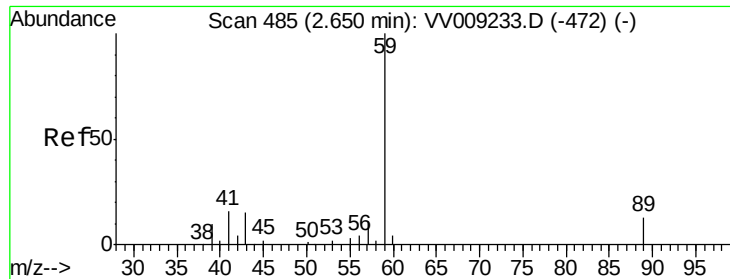


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

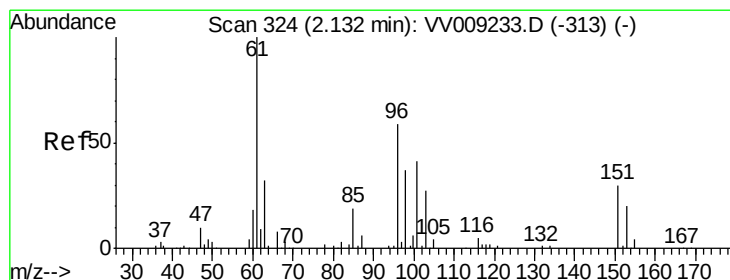
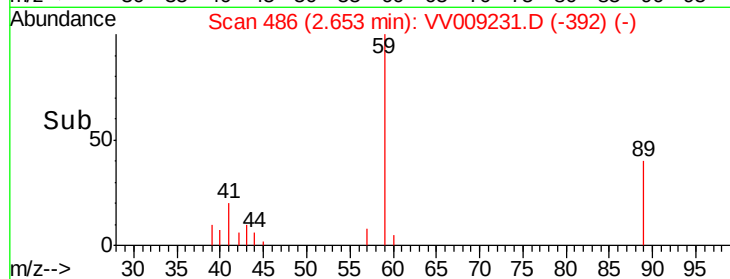
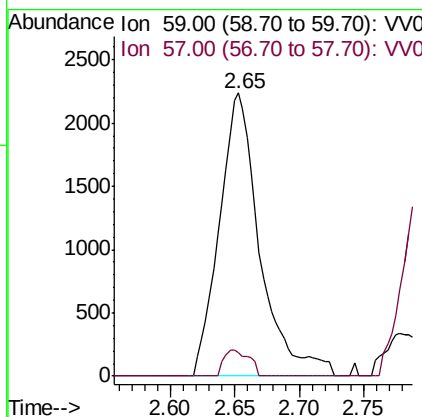
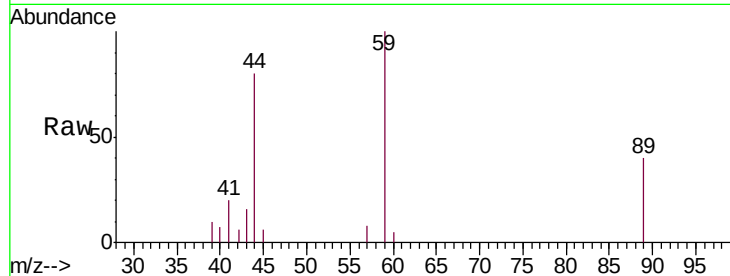




#11
Tert butyl alcohol
Concen: 59.065 ug/l
RT: 2.65 min Scan# 486
Delta R.T. 0.00 min
Lab File: VV009231.D
Acq: 22 Jan 2019 12:26

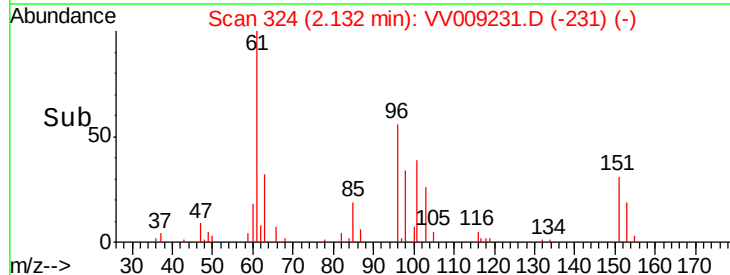
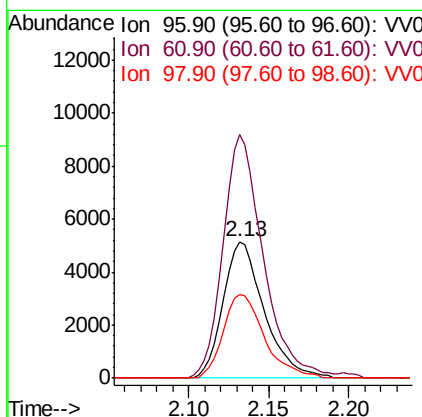
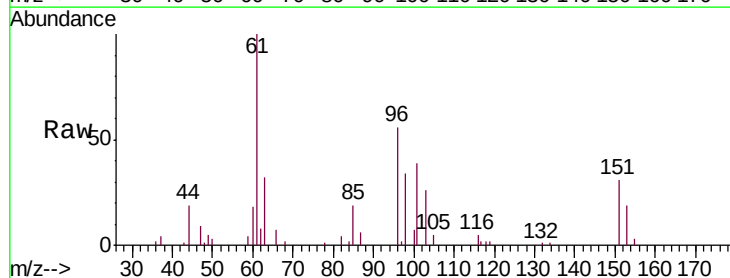
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

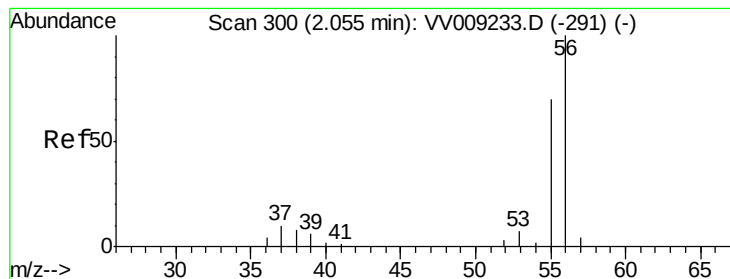
Tgt Ion: 59 Resp: 4876
Ion Ratio Lower Upper
59 100
57 5.7 8.4 12.6#



#12
1,1-Dichloroethene
Concen: 10.531 ug/l
RT: 2.13 min Scan# 324
Delta R.T. 0.00 min
Lab File: VV009231.D
Acq: 22 Jan 2019 12:26

Tgt Ion: 96 Resp: 9088
Ion Ratio Lower Upper
96 100
61 178.7 136.6 205.0
98 61.6 50.6 75.8





#13

Acrolein

Concen: 62.923 ug/l

RT: 2.06 min Scan# 301

Delta R.T. 0.00 min

Lab File: VV009231.D

Acq: 22 Jan 2019 12:26

Instrument :

MSVOA_V

ClientSampleId :

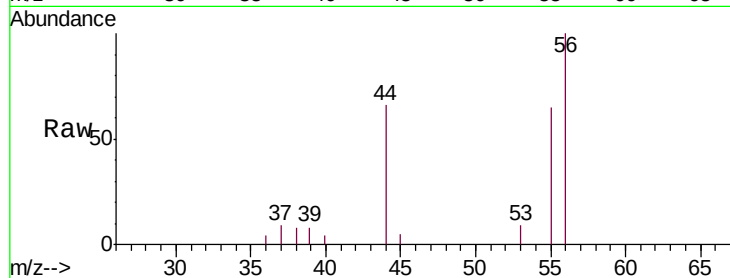
VSTDIC010

Tgt Ion: 56 Resp: 3765

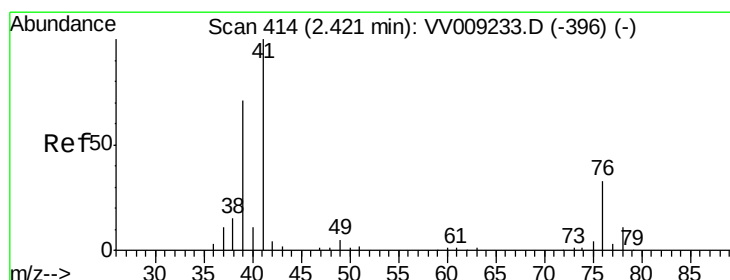
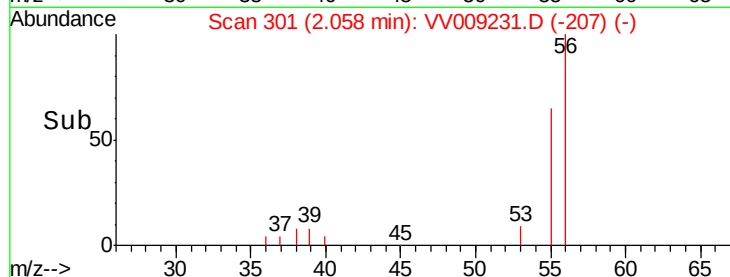
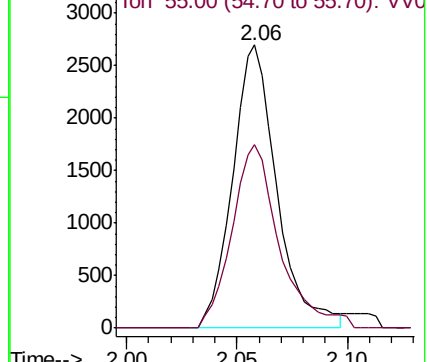
Ion Ratio Lower Upper

56 100

55 69.4 54.0 81.0



Abundance Ion 56.00 (55.70 to 56.70): VV009231.D (-291) (-)



#14

Allyl chloride

Concen: 10.536 ug/l

RT: 2.42 min Scan# 414

Delta R.T. 0.00 min

Lab File: VV009231.D

Acq: 22 Jan 2019 12:26

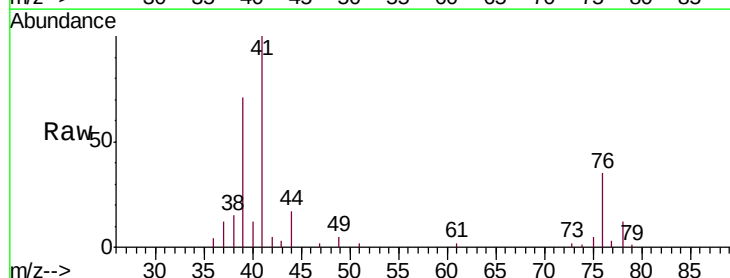
Tgt Ion: 41 Resp: 15985

Ion Ratio Lower Upper

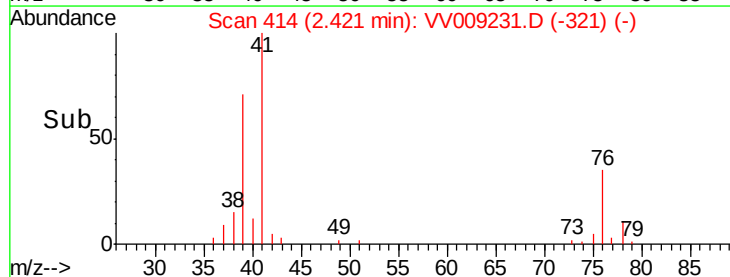
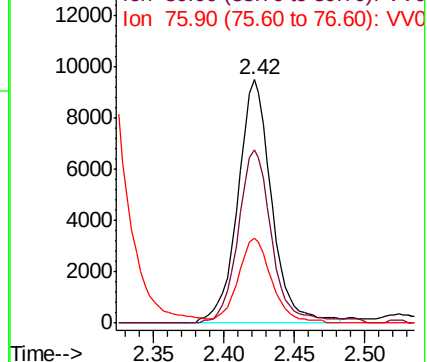
41 100

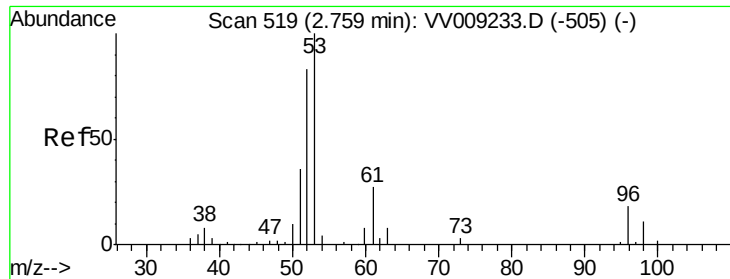
39 72.0 55.1 82.7

76 34.9 26.7 40.1



Abundance Ion 41.00 (40.70 to 41.70): VV009231.D (-396) (-)





#15

Acrylonitrile

Concen: 54.151 ug/l

RT: 2.76 min Scan# 519

Delta R.T. 0.00 min

Lab File: VV009231.D

Acq: 22 Jan 2019 12:26

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC010

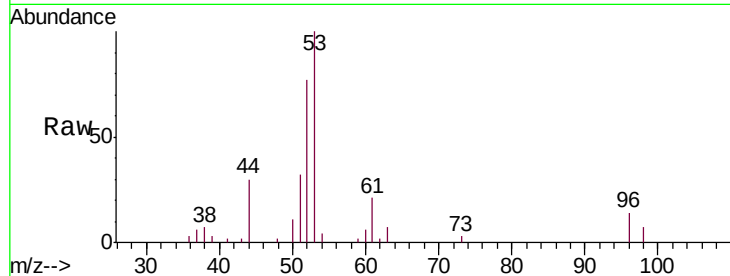
Tgt Ion: 53 Resp: 10949

Ion Ratio Lower Upper

53 100

52 80.6 65.3 97.9

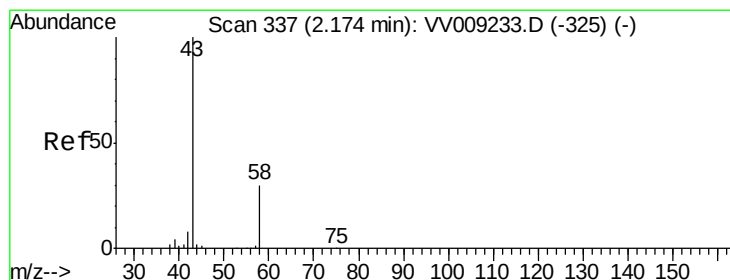
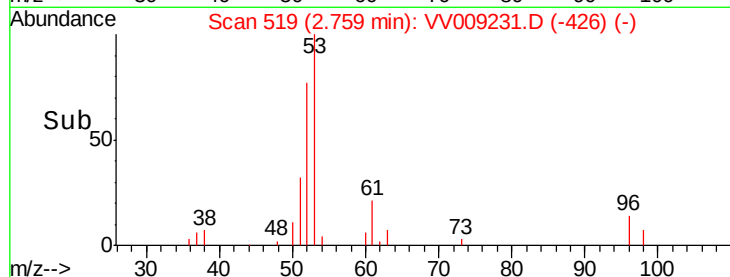
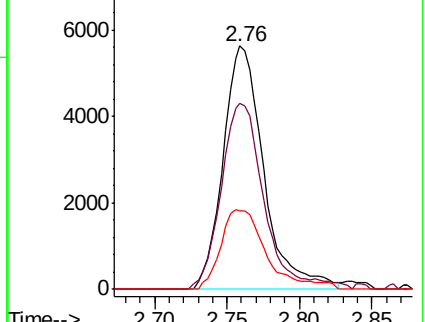
51 36.7 29.0 43.4



Abundance Ion 53.00 (52.70 to 53.70): VV009231.D (-505) (-)

Ion 52.00 (51.70 to 52.70): VV009231.D (-505) (-)

Ion 51.00 (50.70 to 51.70): VV009231.D (-505) (-)



#16

Acetone

Concen: 60.594 ug/l

RT: 2.18 min Scan# 338

Delta R.T. 0.00 min

Lab File: VV009231.D

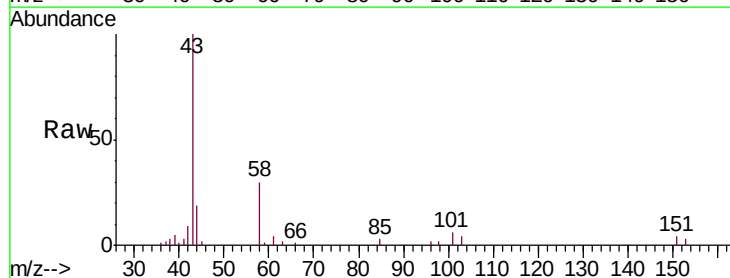
Acq: 22 Jan 2019 12:26

Tgt Ion: 43 Resp: 16735

Ion Ratio Lower Upper

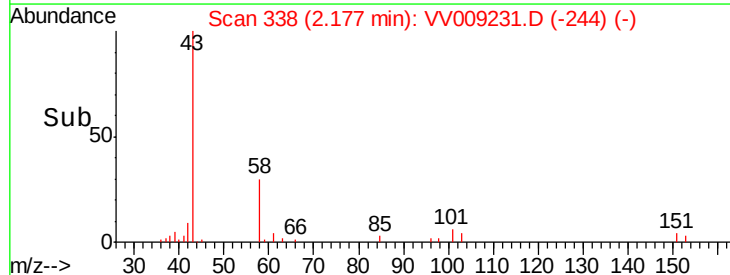
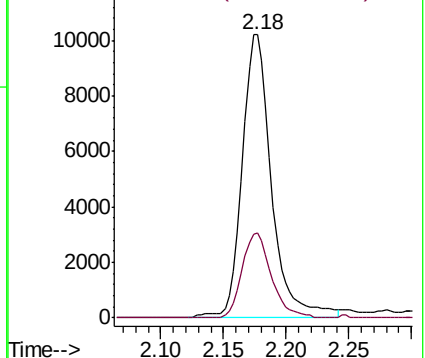
43 100

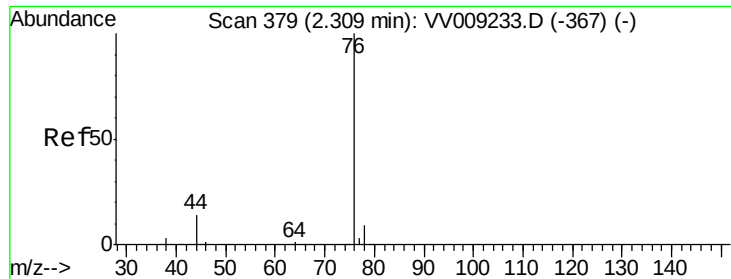
58 29.8 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VV009231.D (-244) (-)

Ion 58.00 (57.70 to 58.70): VV009231.D (-244) (-)

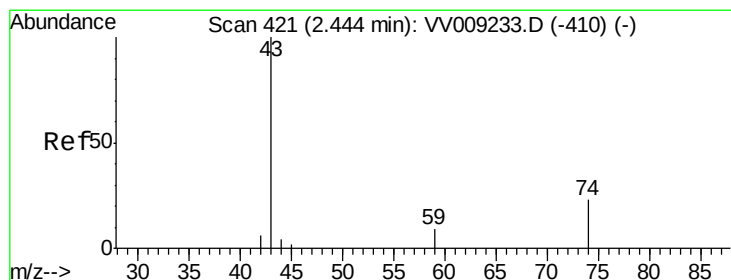
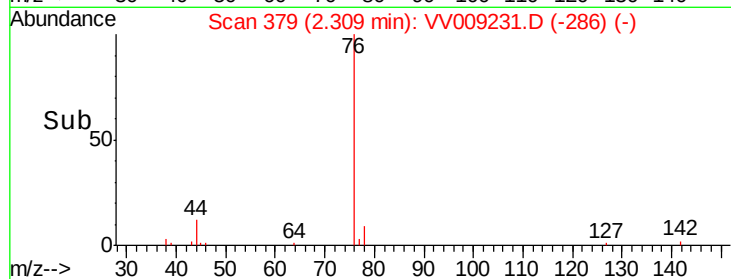
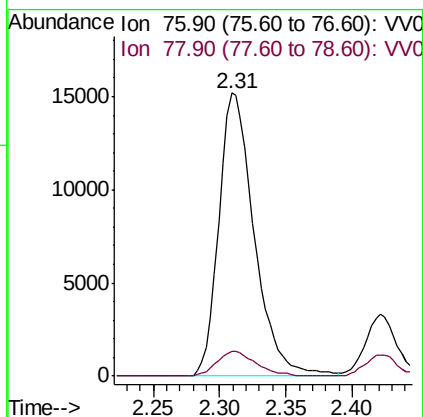
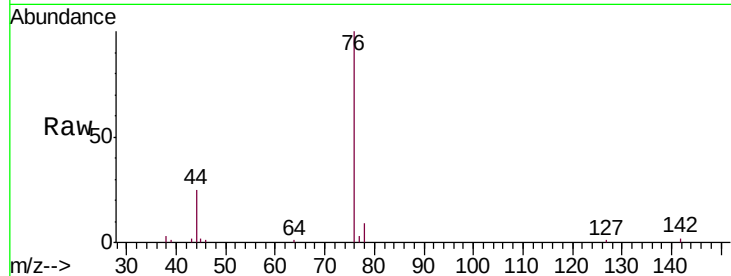




#17
Carbon Disulfide
Concen: 10.949 ug/l
RT: 2.31 min Scan# 379
Delta R.T. 0.00 min
Lab File: VV009231.D
Acq: 22 Jan 2019 12:26

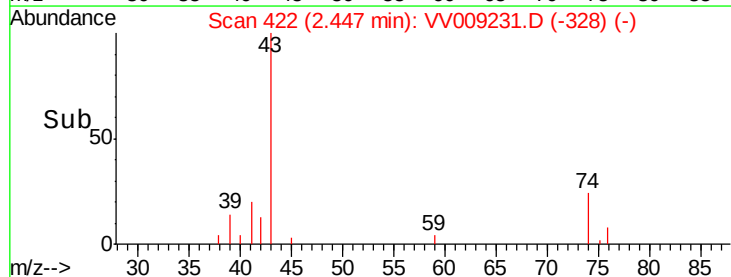
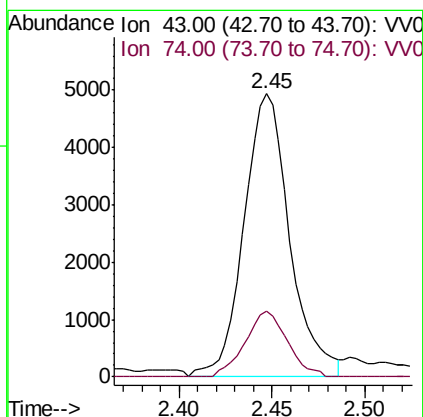
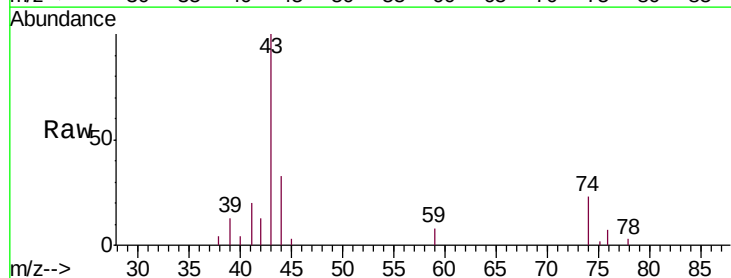
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

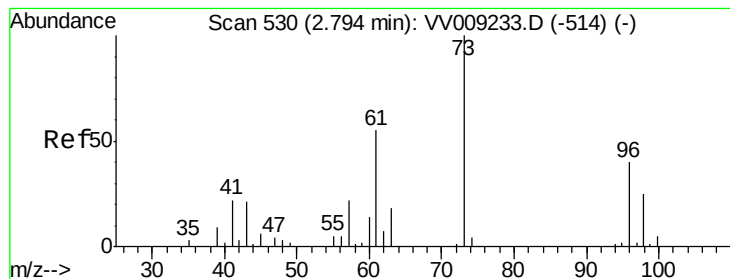
Tgt Ion: 76 Resp: 28196
Ion Ratio Lower Upper
76 100
78 8.7 7.3 10.9



#18
Methyl Acetate
Concen: 11.887 ug/l
RT: 2.45 min Scan# 422
Delta R.T. 0.00 min
Lab File: VV009231.D
Acq: 22 Jan 2019 12:26

Tgt Ion: 43 Resp: 8526
Ion Ratio Lower Upper
43 100
74 21.5 19.7 29.5



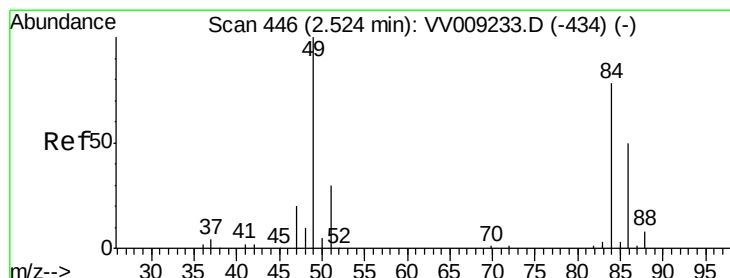
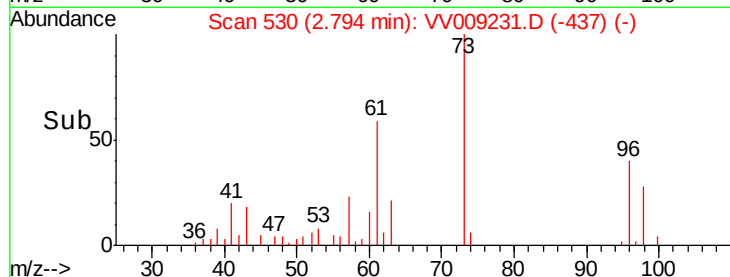
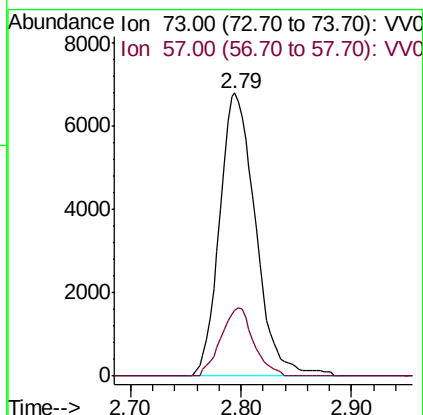
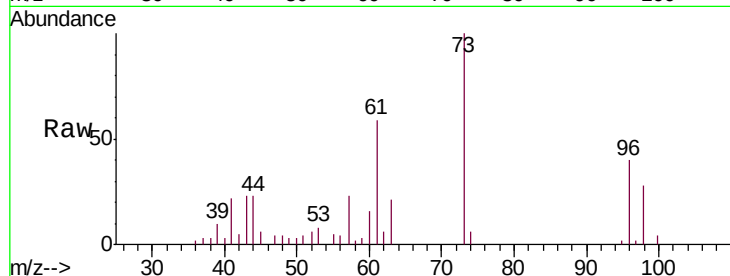


#19

Methyl tert-butyl Ether
 Concen: 11.381 ug/l
 RT: 2.79 min Scan# 530
 Delta R.T. 0.00 min
 Lab File: VV009231.D
 Acq: 22 Jan 2019 12:26

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC010

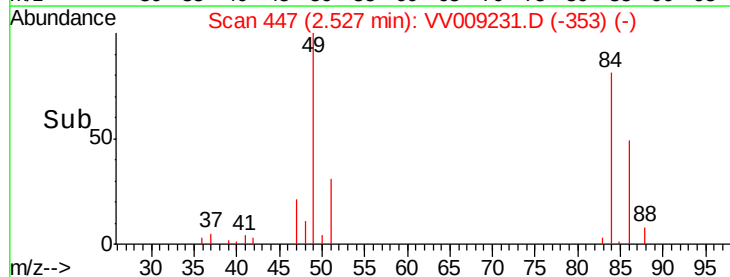
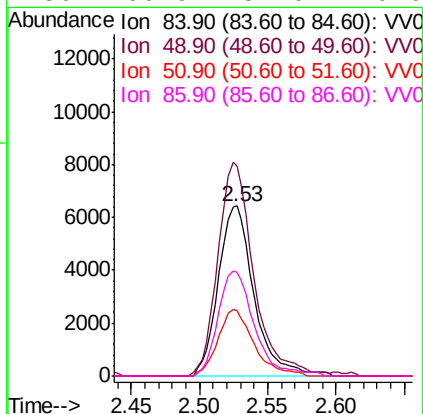
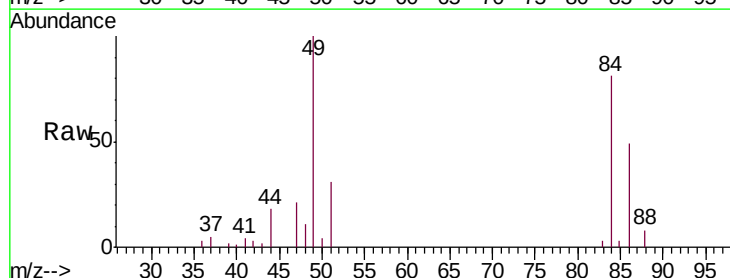
Tgt Ion: 73 Resp: 15384
 Ion Ratio Lower Upper
 73 100
 57 23.4 18.0 27.0

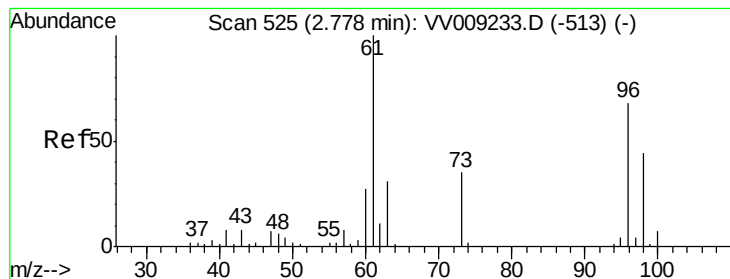


#20

Methylene Chloride
 Concen: 11.202 ug/l
 RT: 2.53 min Scan# 447
 Delta R.T. 0.00 min
 Lab File: VV009231.D
 Acq: 22 Jan 2019 12:26

Tgt Ion: 84 Resp: 11700
 Ion Ratio Lower Upper
 84 100
 49 123.7 102.0 153.0
 51 38.2 30.9 46.3
 86 60.9 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 10.802 ug/l

RT: 2.78 min Scan# 526

Delta R.T. 0.00 min

Lab File: VV009231.D

Acq: 22 Jan 2019 12:26

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC010

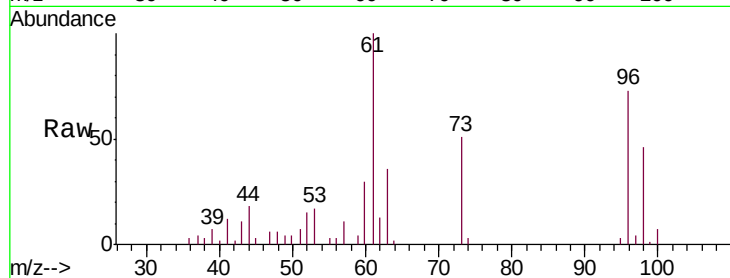
Tgt Ion: 96 Resp: 10080

Ion Ratio Lower Upper

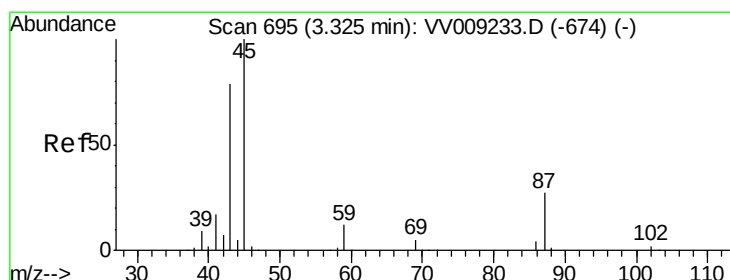
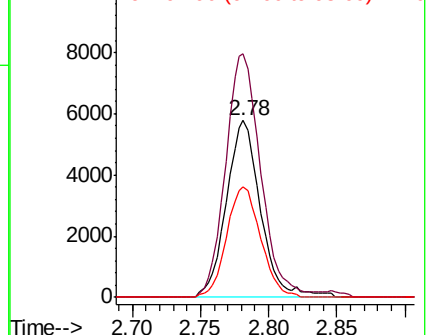
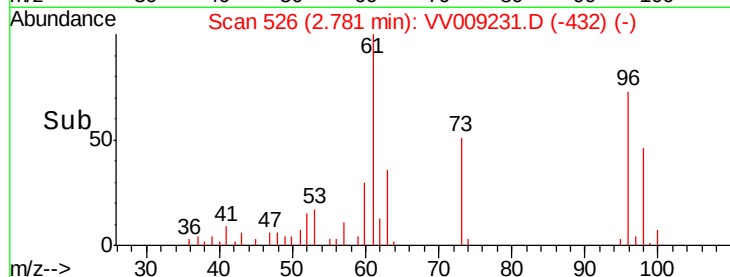
96 100

61 137.7 117.7 176.5

98 62.8 51.5 77.3



Abundance Ion 95.90 (95.60 to 96.60): VV009231.D (-432) (-)



#22

Diisopropyl ether

Concen: 10.194 ug/l

RT: 3.32 min Scan# 695

Delta R.T. 0.00 min

Lab File: VV009231.D

Acq: 22 Jan 2019 12:26

Tgt Ion: 45 Resp: 34434

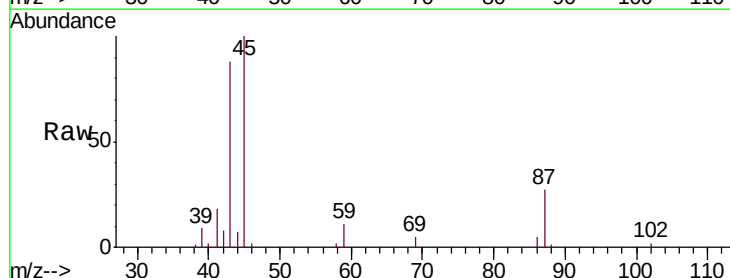
Ion Ratio Lower Upper

45 100

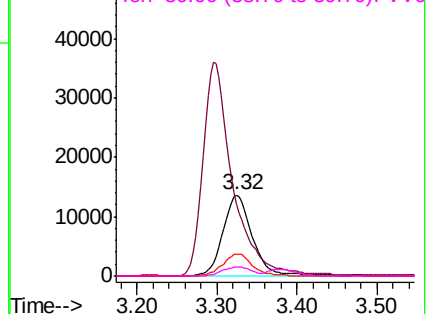
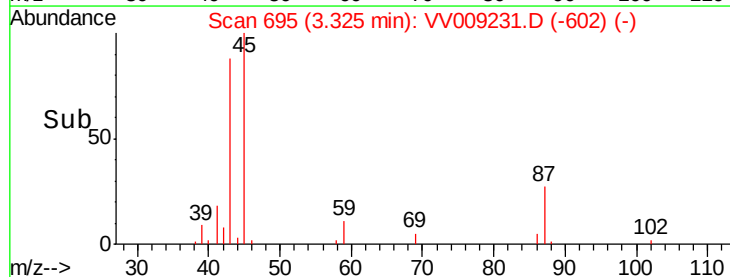
43 85.8 63.0 94.4

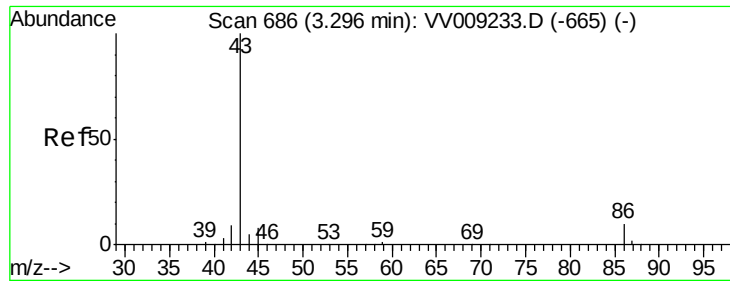
87 27.3 21.5 32.3

59 11.0 9.3 13.9



Abundance Ion 45.00 (44.70 to 45.70): VV009231.D (-602) (-)





#23

Vinyl Acetate

Concen: 49.871 ug/l

RT: 3.30 min Scan# 686

Delta R.T. 0.00 min

Lab File: VV009231.D

Acq: 22 Jan 2019 12:26

Instrument :

MSVOA_V

ClientSampleId :

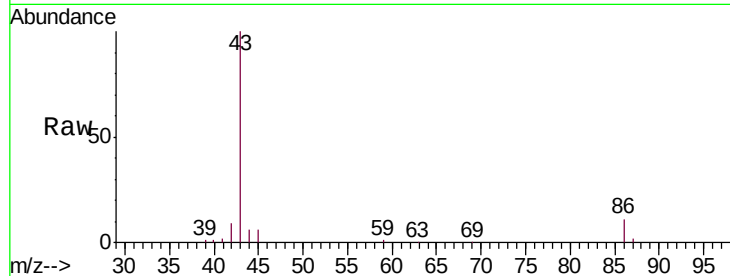
VSTDIC010

Tgt Ion: 43 Resp: 92981

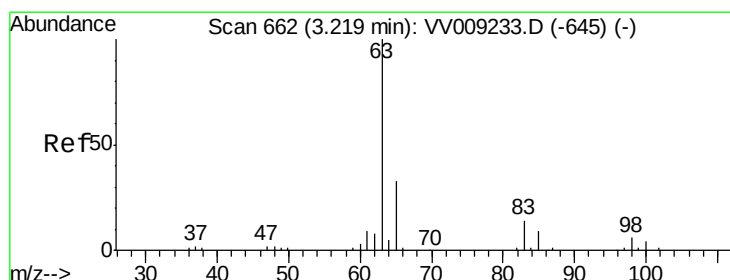
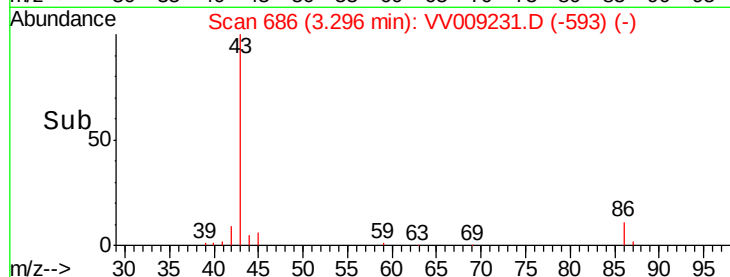
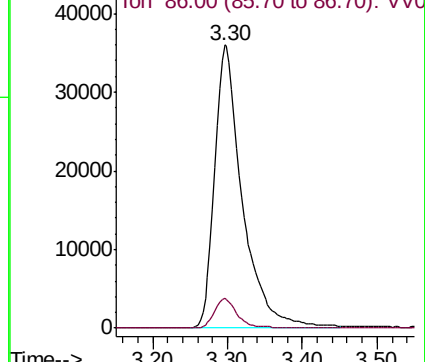
Ion Ratio Lower Upper

43 100

86 10.6 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VV009231.D (-665) (-)



#24

1,1-Dichloroethane

Concen: 10.436 ug/l

RT: 3.22 min Scan# 662

Delta R.T. 0.00 min

Lab File: VV009231.D

Acq: 22 Jan 2019 12:26

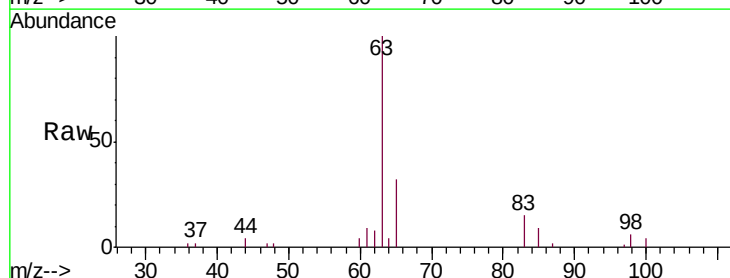
Tgt Ion: 63 Resp: 21383

Ion Ratio Lower Upper

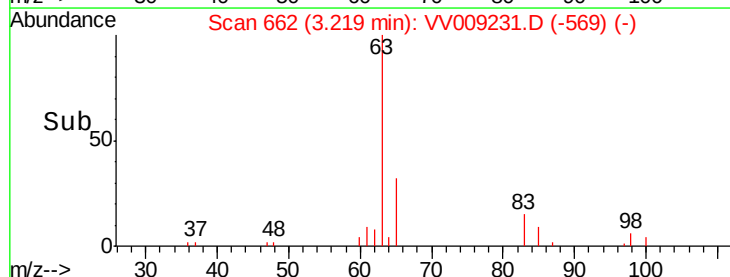
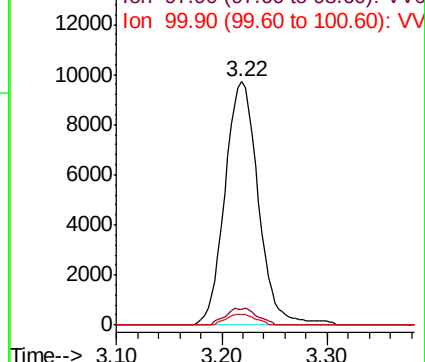
63 100

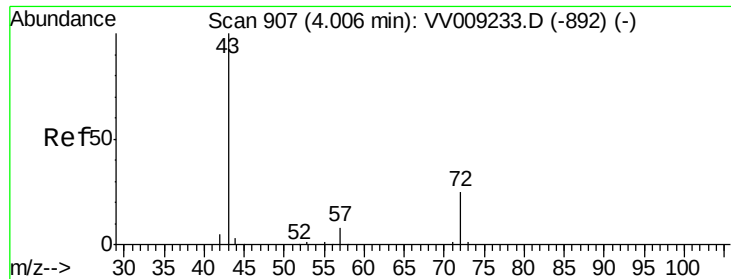
98 6.5 3.3 9.8

100 4.4 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VV009231.D (-645) (-)





#25

2-Butanone

Concen: 55.508 ug/l

RT: 4.02 min Scan# 910

Delta R.T. 0.01 min

Lab File: VV009231.D

Acq: 22 Jan 2019 12:26

Instrument :

MSVOA_V

ClientSampleId :

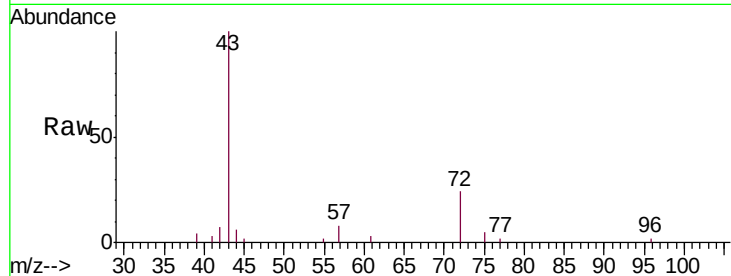
VSTDIC010

Tgt Ion: 43 Resp: 18185

Ion Ratio Lower Upper

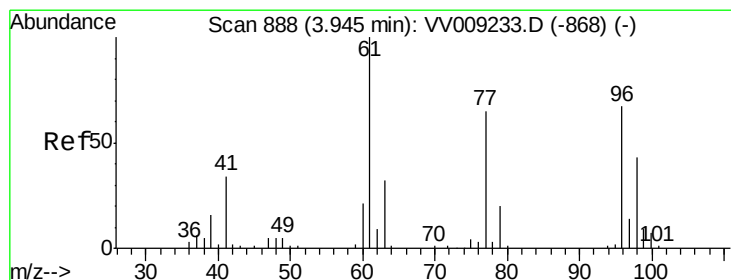
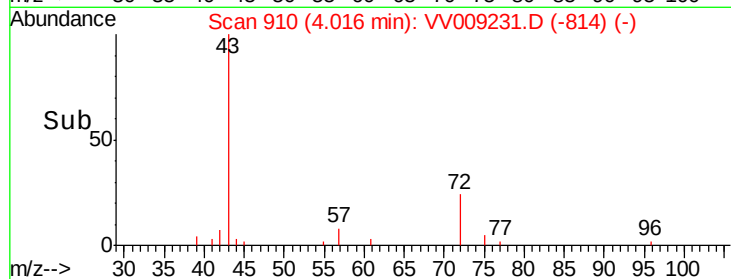
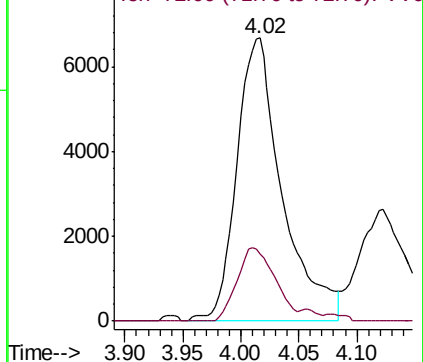
43 100

72 23.8 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VV009231.D (-910) (-)

Ion 72.00 (71.70 to 72.70): VV009231.D (-910) (-)



#26

2,2-Dichloropropane

Concen: 10.095 ug/l

RT: 3.95 min Scan# 888

Delta R.T. 0.00 min

Lab File: VV009231.D

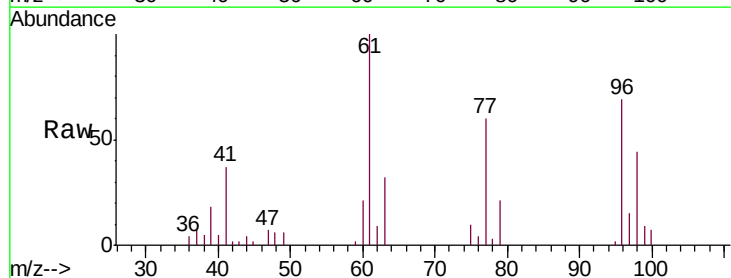
Acq: 22 Jan 2019 12:26

Tgt Ion: 77 Resp: 10935

Ion Ratio Lower Upper

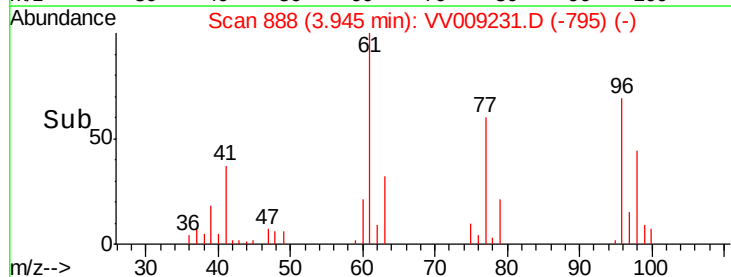
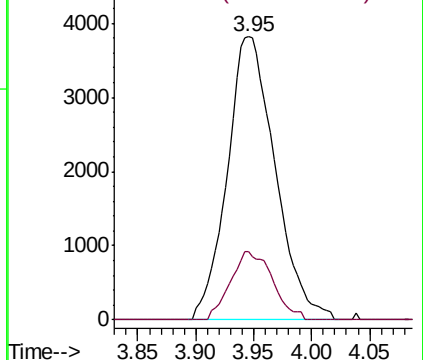
77 100

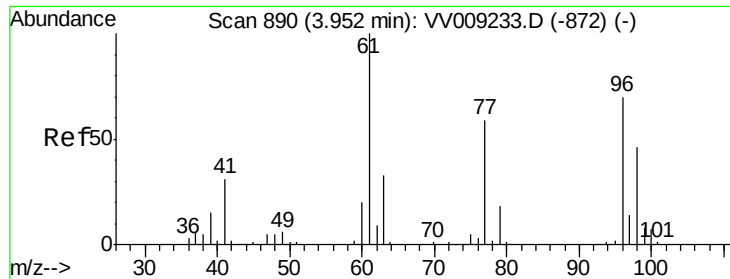
97 21.3 10.9 32.6



Abundance Ion 76.90 (76.60 to 77.60): VV009231.D (-888) (-)

Ion 96.90 (96.60 to 97.60): VV009231.D (-888) (-)



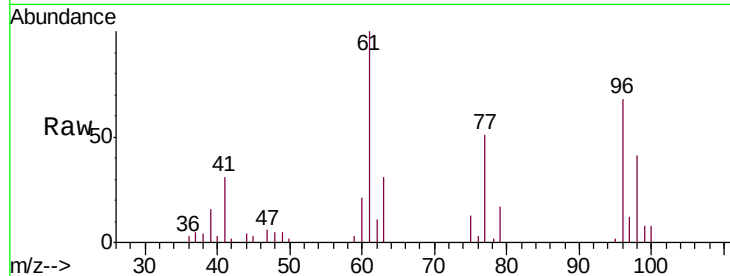


#27

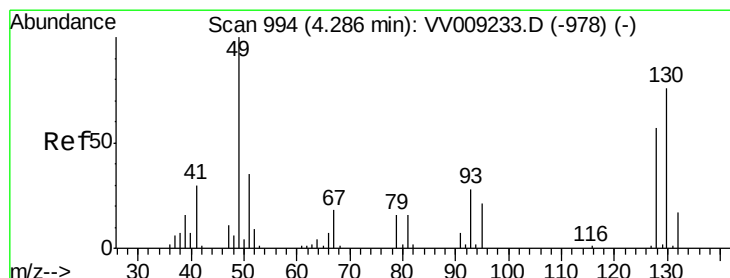
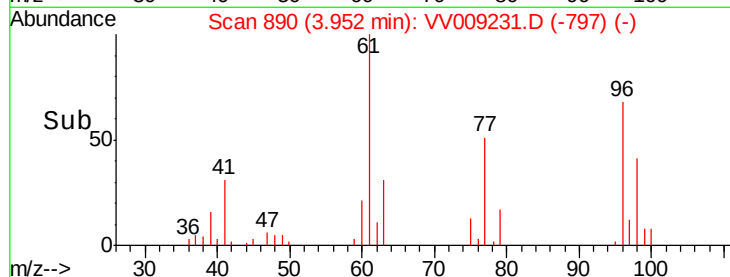
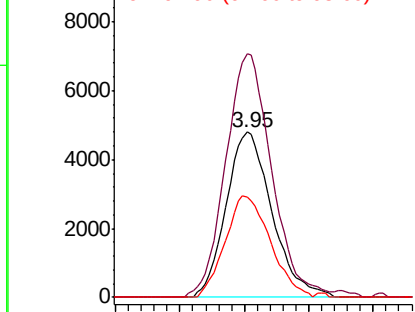
cis-1,2-Dichloroethene
Concen: 10.088 ug/l
RT: 3.95 min Scan# 890
Delta R.T. 0.00 min
Lab File: VV009231.D
Acq: 22 Jan 2019 12:26

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

Tgt Ion: 96 Resp: 11876
Ion Ratio Lower Upper
96 100
61 148.0 0.0 296.4
98 60.1 0.0 130.0



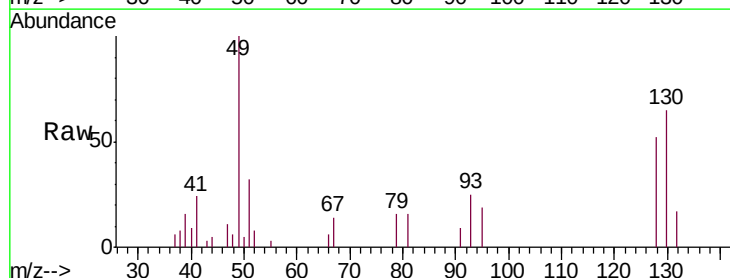
Abundance Ion 95.90 (95.60 to 96.60): VV0
Ion 60.90 (60.60 to 61.60): VV0
Ion 97.90 (97.60 to 98.60): VV0



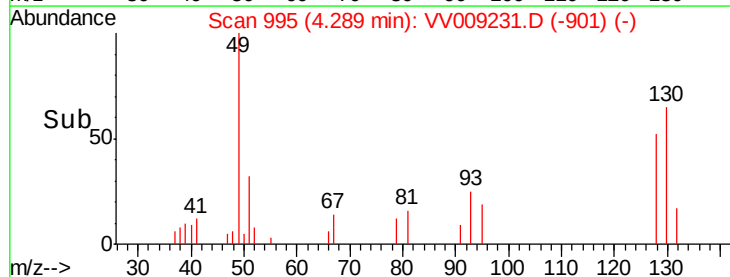
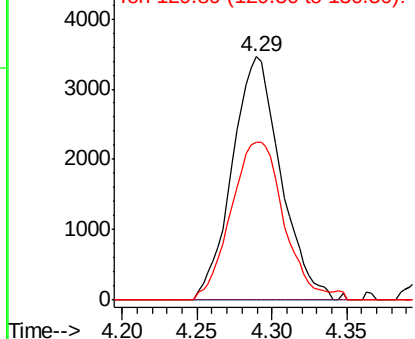
#28

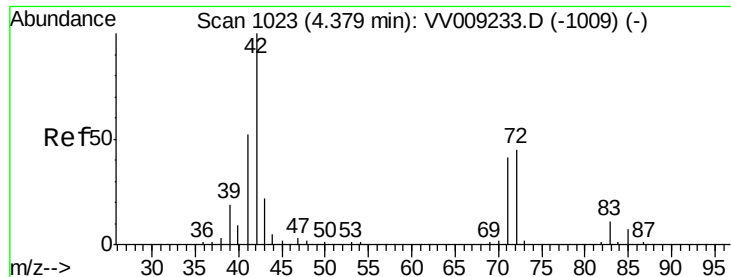
Bromochloromethane
Concen: 9.943 ug/l
RT: 4.29 min Scan# 995
Delta R.T. 0.00 min
Lab File: VV009231.D
Acq: 22 Jan 2019 12:26

Tgt Ion: 49 Resp: 7822
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.6
130 71.2 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: 49.127 ug/l

RT: 4.39 min Scan# 1025

Delta R.T. 0.01 min

Lab File: VV009231.D

Acq: 22 Jan 2019 12:26

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC010

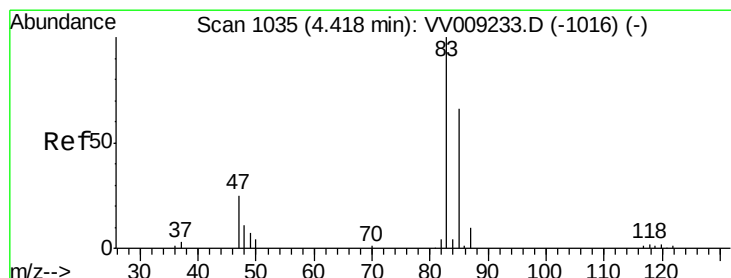
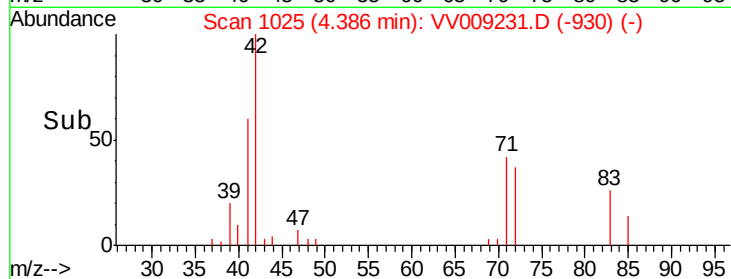
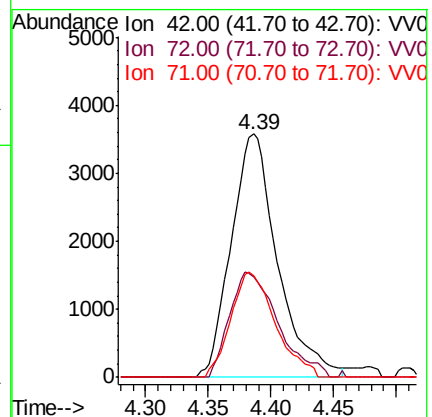
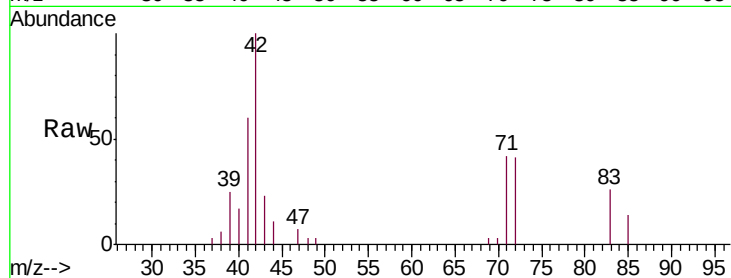
Tgt Ion: 42 Resp: 9220

Ion Ratio Lower Upper

42 100

72 45.2 37.7 56.5

71 41.2 31.5 47.3



#30

Chloroform

Concen: 10.094 ug/l

RT: 4.42 min Scan# 1035

Delta R.T. 0.00 min

Lab File: VV009231.D

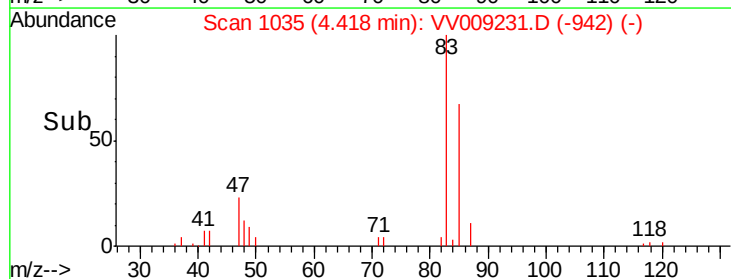
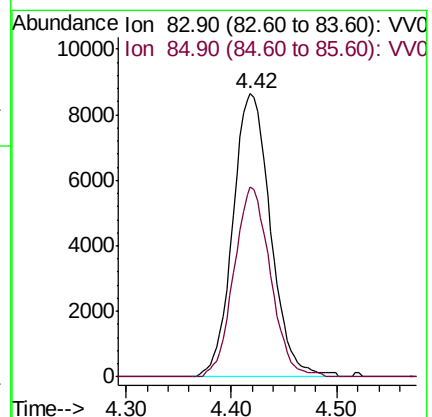
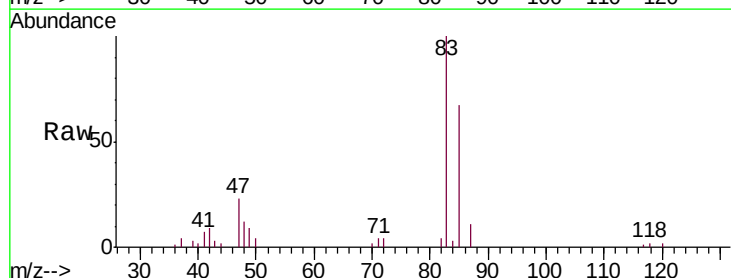
Acq: 22 Jan 2019 12:26

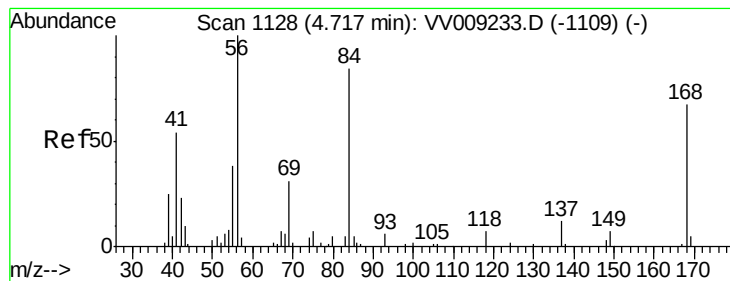
Tgt Ion: 83 Resp: 21496

Ion Ratio Lower Upper

83 100

85 67.1 52.6 79.0





#31

Cyclohexane

Concen: 10.733 ug/l

RT: 4.72 min Scan# 1129

Delta R.T. 0.00 min

Lab File: VV009231.D

Acq: 22 Jan 2019 12:26

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC010

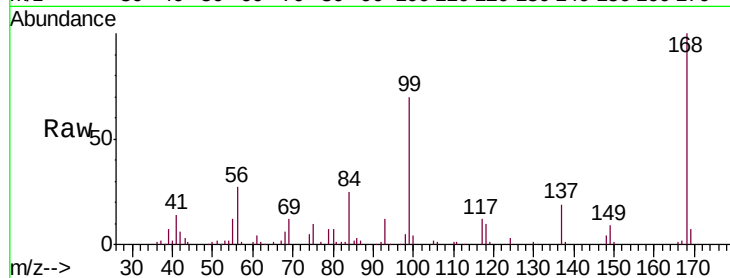
Tgt Ion: 56 Resp: 19599

Ion Ratio Lower Upper

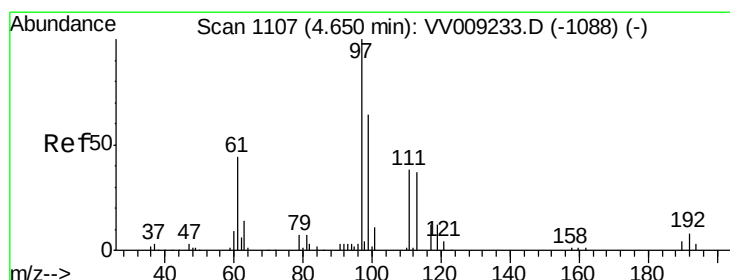
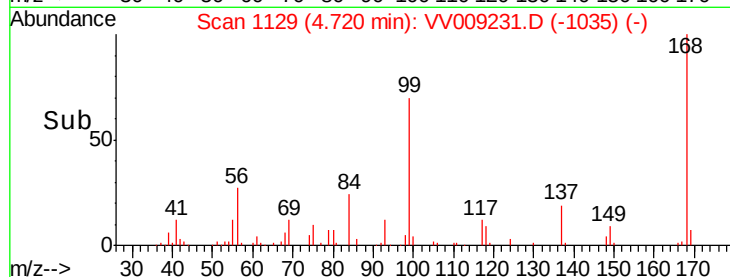
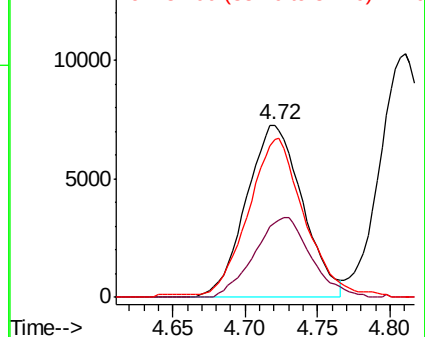
56 100

69 43.3 25.1 37.7#

84 90.2 67.3 100.9



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



#32

1,1,1-Trichloroethane

Concen: 10.332 ug/l

RT: 4.65 min Scan# 1108

Delta R.T. 0.00 min

Lab File: VV009231.D

Acq: 22 Jan 2019 12:26

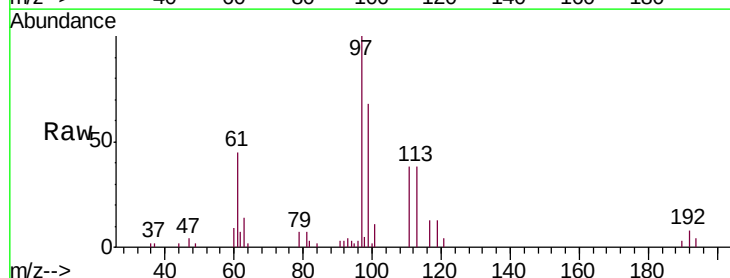
Tgt Ion: 97 Resp: 17554

Ion Ratio Lower Upper

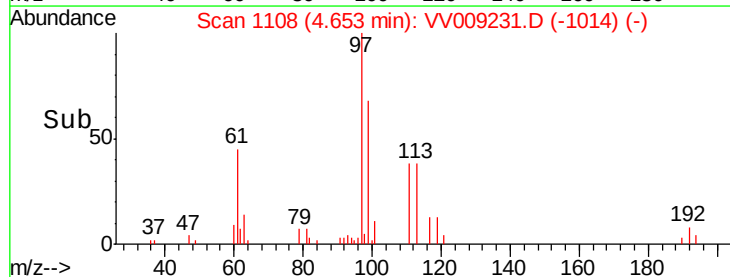
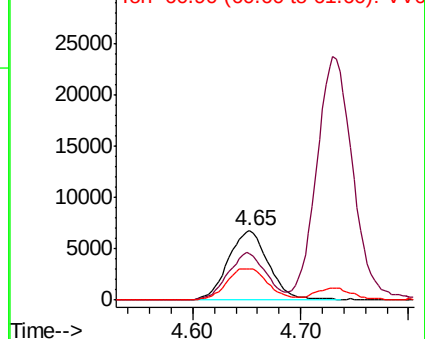
97 100

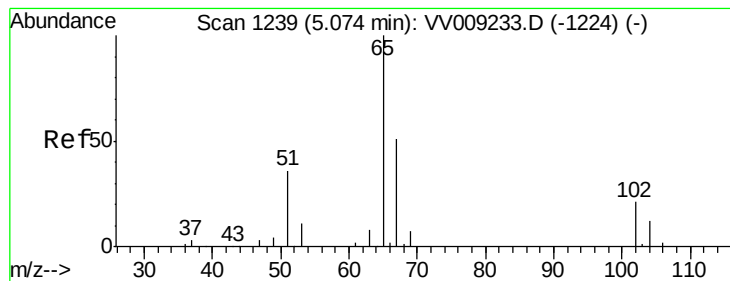
99 64.9 50.2 75.2

61 46.7 34.7 52.1



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





#33

1,2-Dichloroethane-d4

Concen: 10.006 ug/l

RT: 5.07 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VV009231.D

Acq: 22 Jan 2019 12:26

Instrument :

MSVOA_V

ClientSampleId :

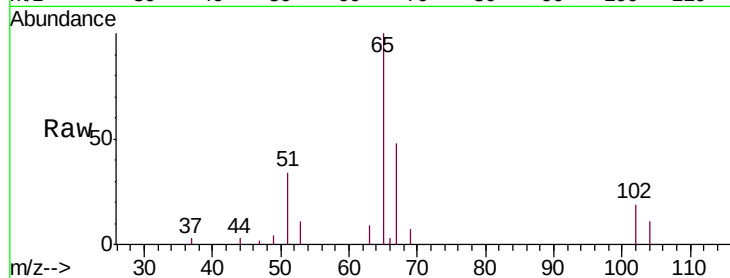
VSTDIC010

Tgt Ion: 65 Resp: 11302

Ion Ratio Lower Upper

65 100

67 49.8 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VV009231.D (-1146) (-)

Ion 66.90 (66.60 to 67.60): VV009231.D (-1146) (-)

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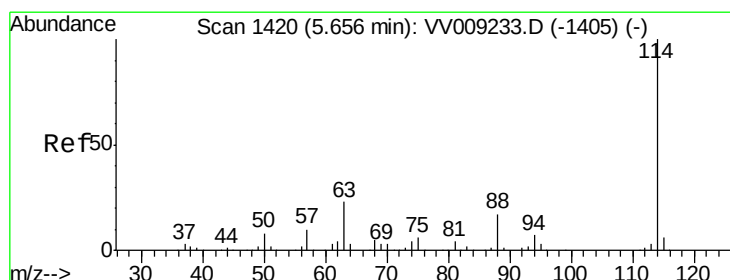
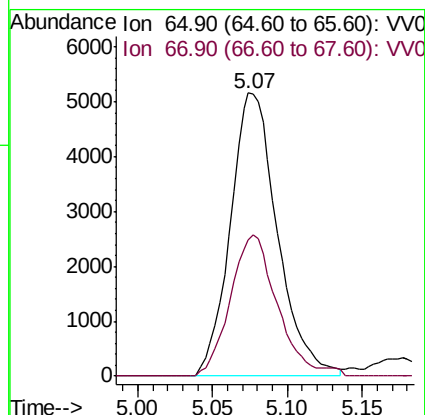
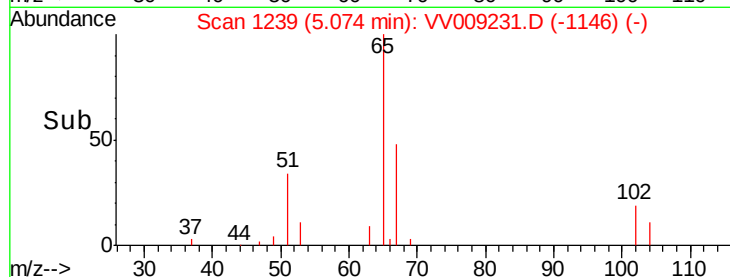
5.07

5.07

5.07

5.07

5.07



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 1421

Delta R.T. 0.00 min

Lab File: VV009231.D

Acq: 22 Jan 2019 12:26

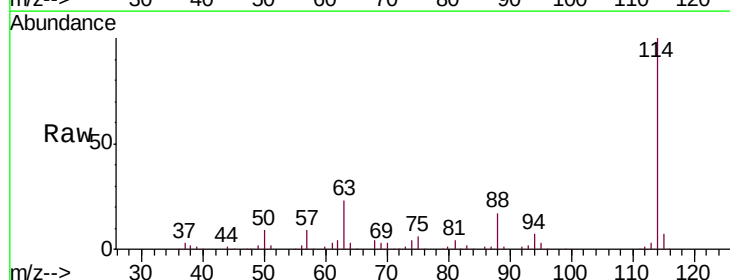
Tgt Ion: 114 Resp: 144445

Ion Ratio Lower Upper

114 100

63 22.7 0.0 45.2

88 16.5 0.0 33.4



Abundance Ion 113.90 (113.60 to 114.60): VV009231.D (-1327) (-)

Ion 63.00 (62.70 to 63.70): VV009231.D (-1327) (-)

Ion 87.90 (87.60 to 88.60): VV009231.D (-1327) (-)

5.66

5.66

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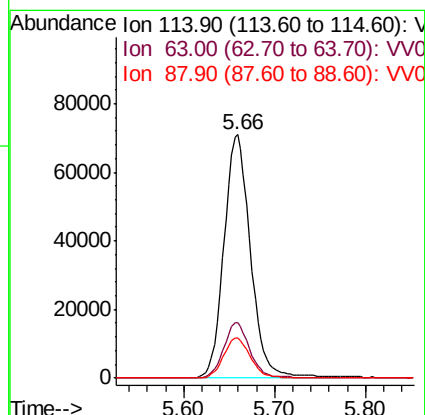
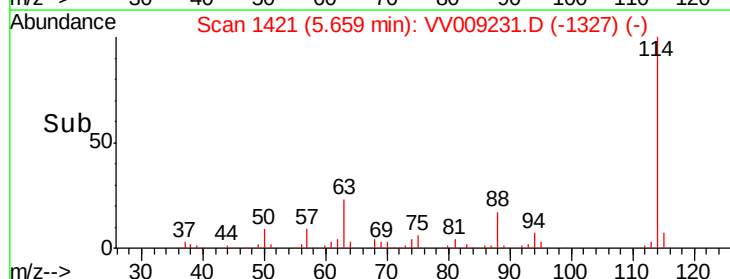
5.66

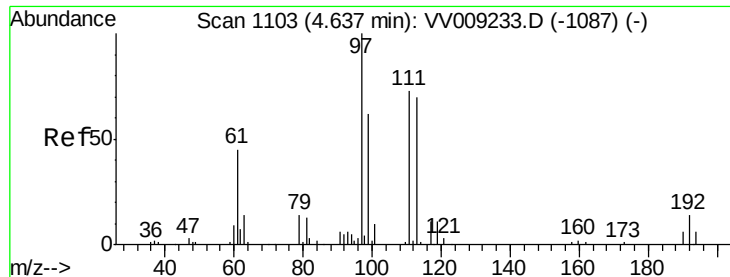
5.66

5.66

5.66

5.66

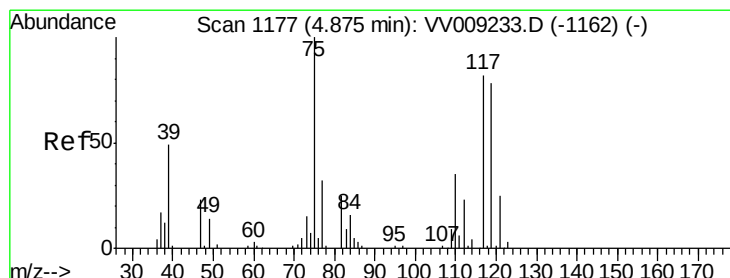
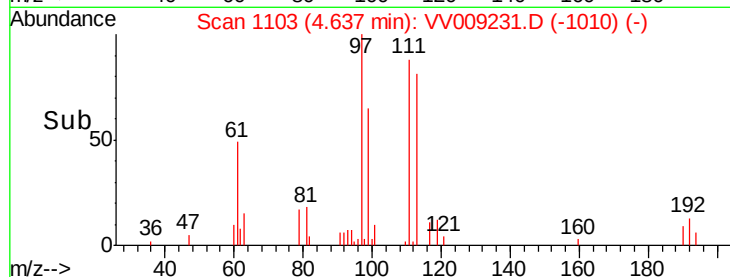
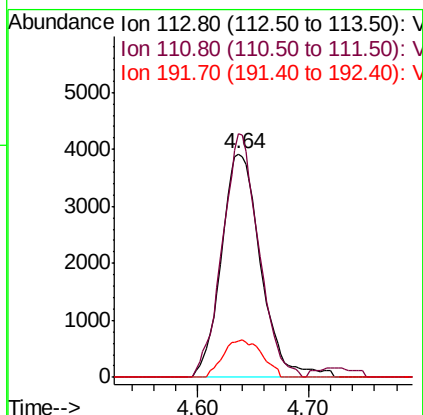
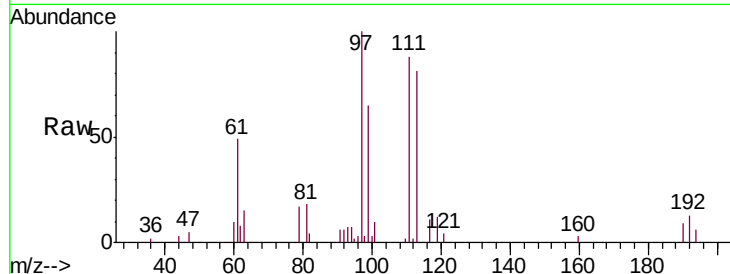




#35
 Dibromofluoromethane
 Concen: 10.141 ug/l
 RT: 4.64 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VV009231.D
 Acq: 22 Jan 2019 12:26

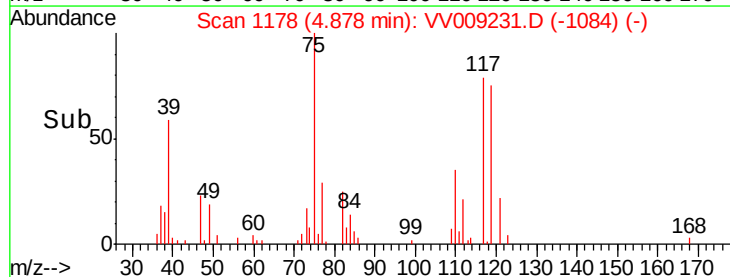
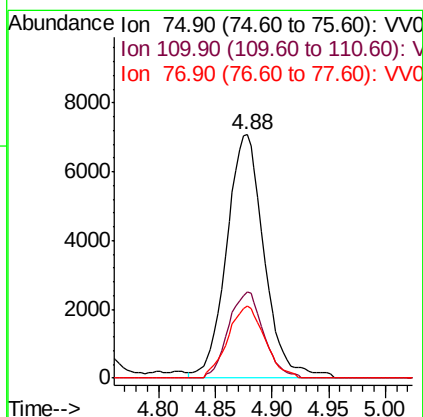
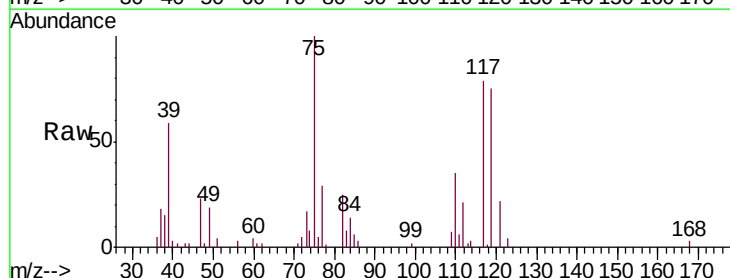
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC010

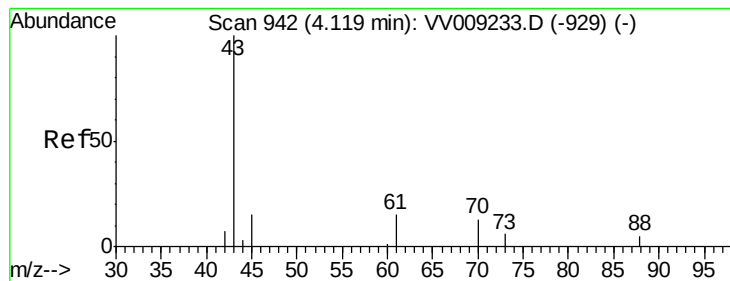
Tgt Ion: 113 Resp: 9715
 Ion Ratio Lower Upper
 113 100
 111 100.5 82.4 123.6
 192 16.4 15.0 22.6



#36
 1,1-Dichloropropene
 Concen: 10.463 ug/l
 RT: 4.88 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: VV009231.D
 Acq: 22 Jan 2019 12:26

Tgt Ion: 75 Resp: 16365
 Ion Ratio Lower Upper
 75 100
 110 33.0 17.5 52.5
 77 28.9 25.5 38.3





#37

Ethyl Acetate

Concen: 10.418 ug/l

RT: 4.12 min Scan# 943

Delta R.T. 0.00 min

Lab File: VV009231.D

Acq: 22 Jan 2019 12:26

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC010

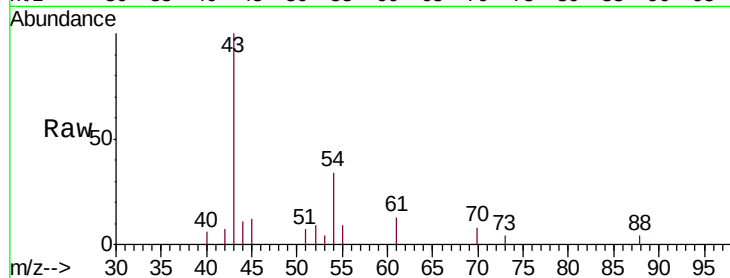
Tgt Ion: 43 Resp: 6806

Ion Ratio Lower Upper

43 100

61 13.9 12.0 18.0

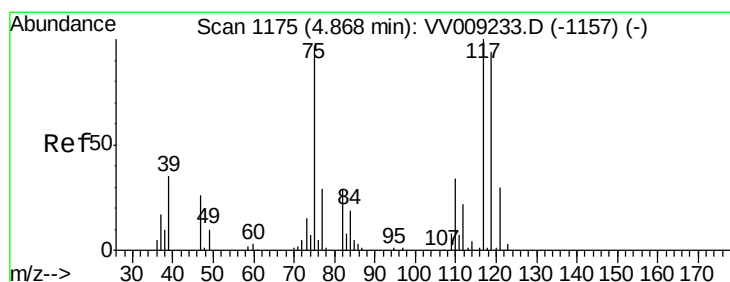
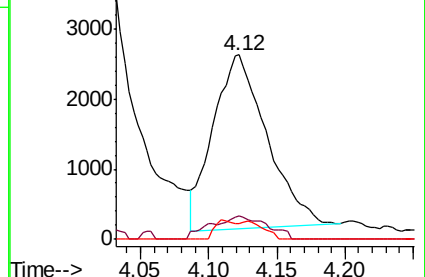
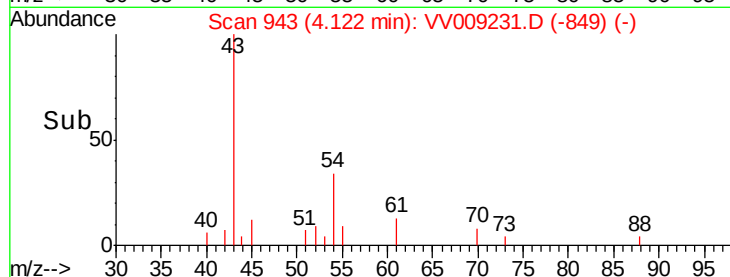
70 3.9 8.7 13.1#



Abundance Ion 43.00 (42.70 to 43.70): VV009231.D (-849) (-)

Ion 60.90 (60.60 to 61.60): VV009231.D (-849) (-)

Ion 70.00 (69.70 to 70.70): VV009231.D (-849) (-)



#38

Carbon Tetrachloride

Concen: 10.400 ug/l

RT: 4.87 min Scan# 1175

Delta R.T. 0.00 min

Lab File: VV009231.D

Acq: 22 Jan 2019 12:26

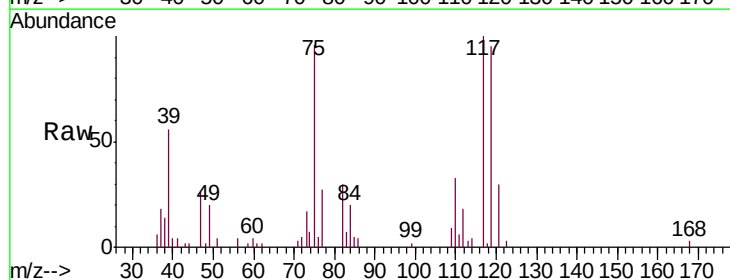
Tgt Ion: 117 Resp: 16163

Ion Ratio Lower Upper

117 100

119 94.7 75.4 113.2

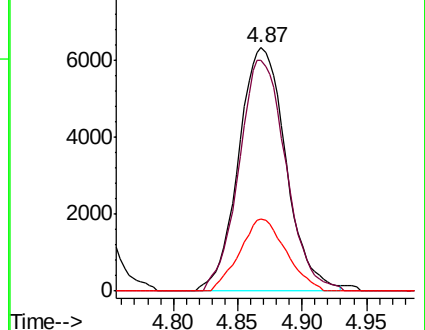
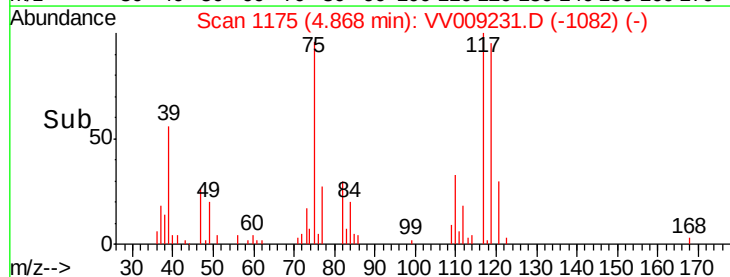
121 29.8 24.2 36.2

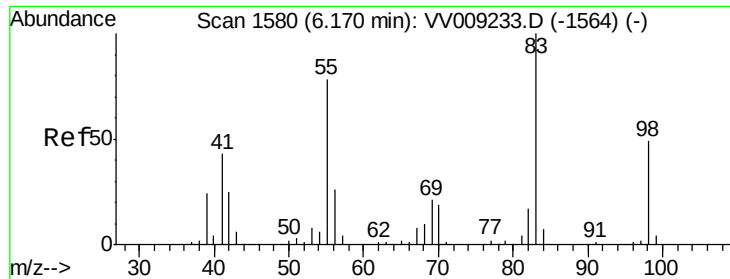


Abundance Ion 116.80 (116.50 to 117.50): VV009231.D (-1082) (-)

Ion 118.80 (118.50 to 119.50): VV009231.D (-1082) (-)

Ion 120.80 (120.50 to 121.50): VV009231.D (-1082) (-)

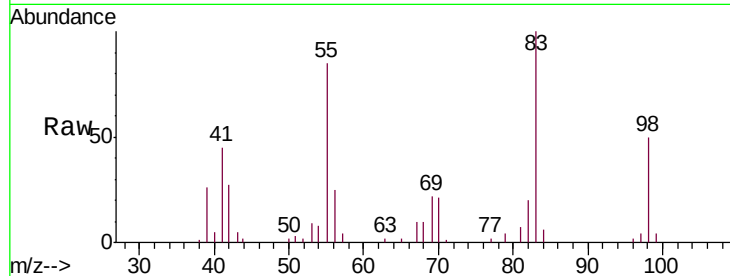




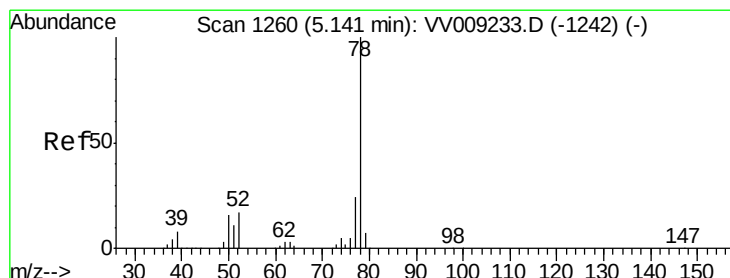
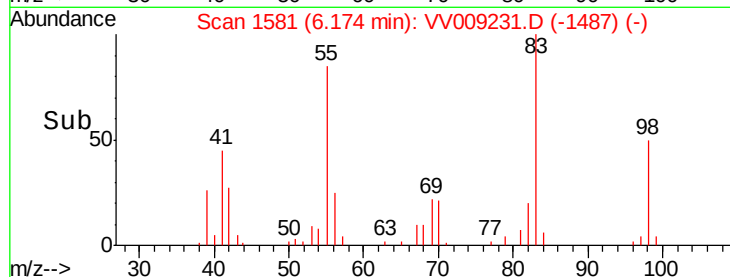
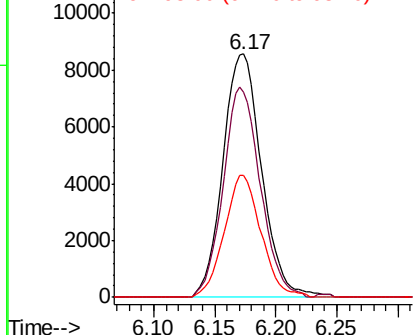
#39
Methylcyclohexane
Concen: 10.557 ug/l
RT: 6.17 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VV009231.D
Acq: 22 Jan 2019 12:26

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

Tgt Ion: 83 Resp: 19000
Ion Ratio Lower Upper
83 100
55 84.5 62.8 94.2
98 50.0 39.1 58.7

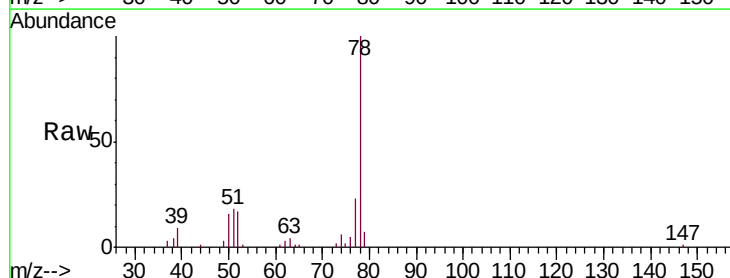


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

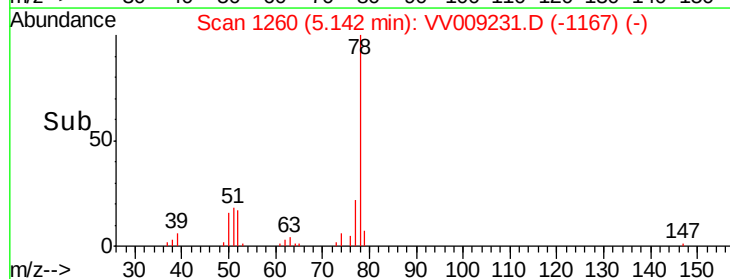
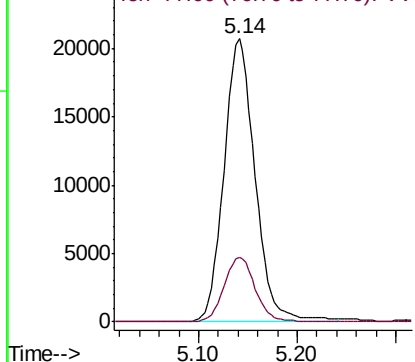


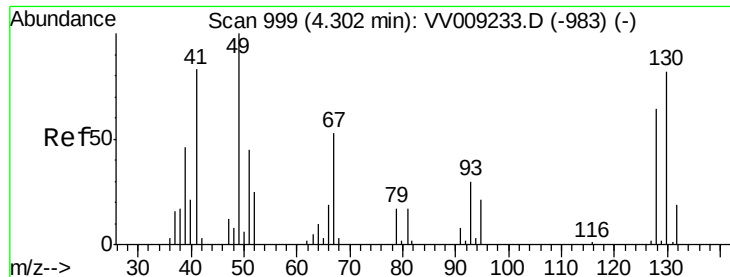
#40
Benzene
Concen: 10.316 ug/l
RT: 5.14 min Scan# 1260
Delta R.T. 0.00 min
Lab File: VV009231.D
Acq: 22 Jan 2019 12:26

Tgt Ion: 78 Resp: 45575
Ion Ratio Lower Upper
78 100
77 22.8 19.4 29.2



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

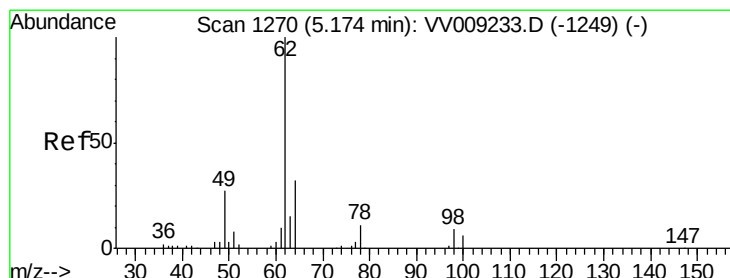
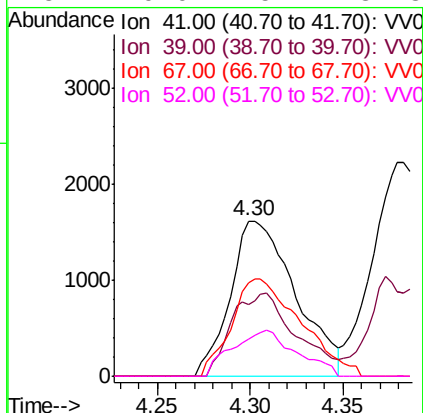
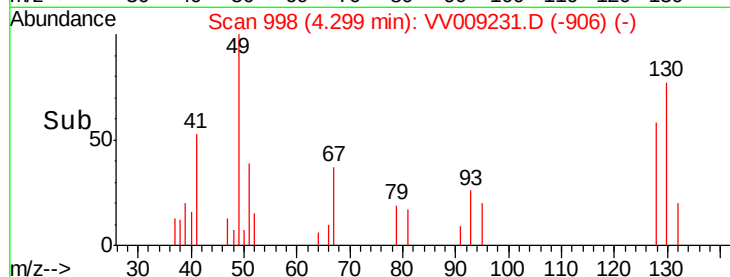
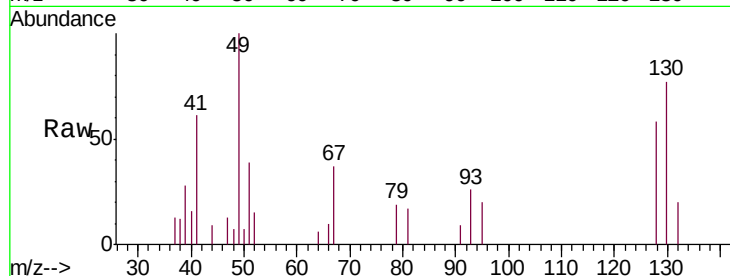




#41
Methacrylonitrile
Concen: 10.381 ug/l
RT: 4.30 min Scan# 998
Delta R.T. -0.00 min
Lab File: VV009231.D
Acq: 22 Jan 2019 12:26

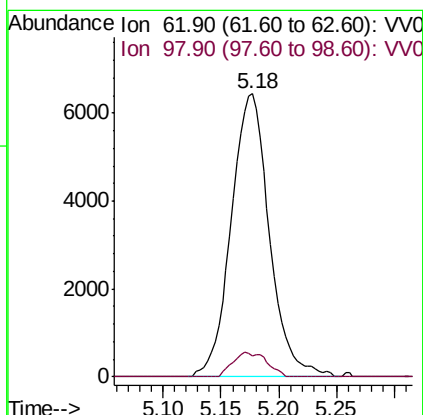
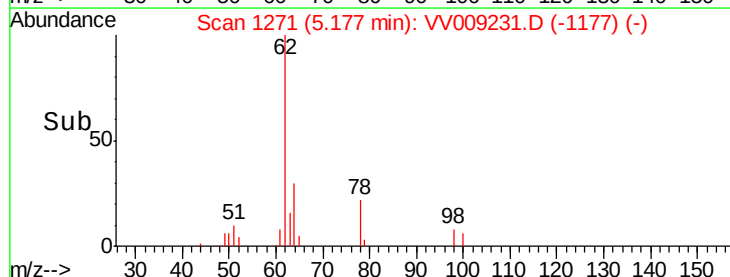
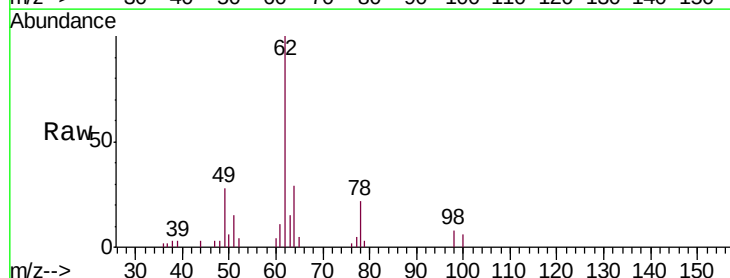
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

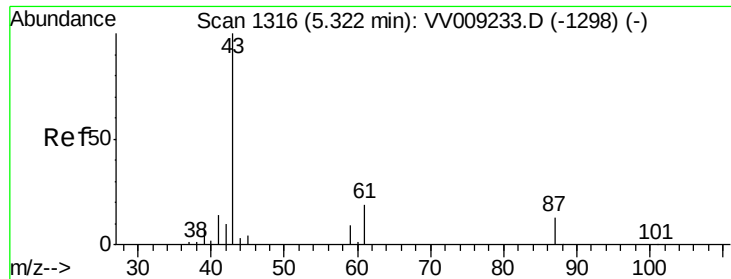
Tgt Ion:	41	Resp:	3971
Ion	Ratio	Lower	Upper
41	100		
39	52.9	45.4	68.0
67	66.2	55.5	83.3
52	29.0	25.2	37.8



#42
1,2-Dichloroethane
Concen: 10.007 ug/l
RT: 5.18 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VV009231.D
Acq: 22 Jan 2019 12:26

Tgt Ion:	62	Resp:	14750
Ion	Ratio	Lower	Upper
62	100		
98	7.7	0.0	16.4





#43

Isopropyl Acetate

Concen: 9.688 ug/l

RT: 5.32 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VV009231.D

Acq: 22 Jan 2019 12:26

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC010

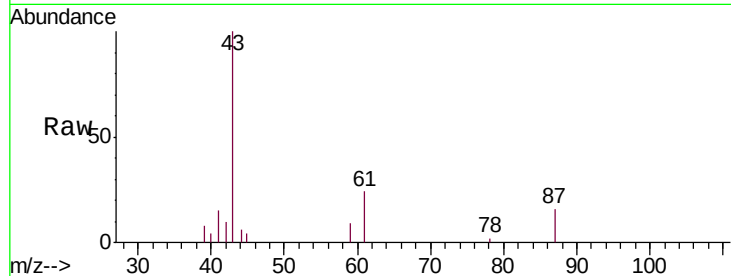
Tgt Ion: 43 Resp: 12576

Ion Ratio Lower Upper

43 100

61 19.5 15.4 23.0

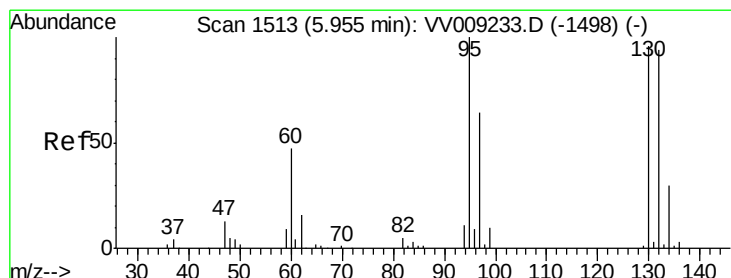
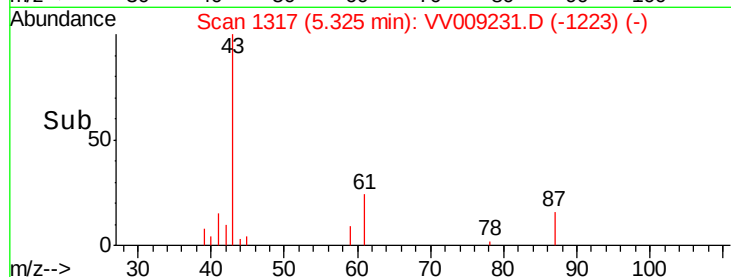
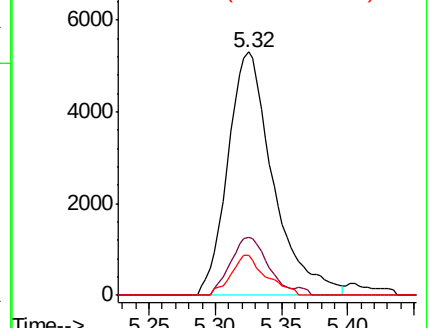
87 12.7 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VV009231.D (-1298) (-)

Ion 61.00 (60.70 to 61.70): VV009231.D (-1298) (-)

Ion 87.00 (86.70 to 87.70): VV009231.D (-1298) (-)



#44

Trichloroethene

Concen: 10.190 ug/l

RT: 5.96 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VV009231.D

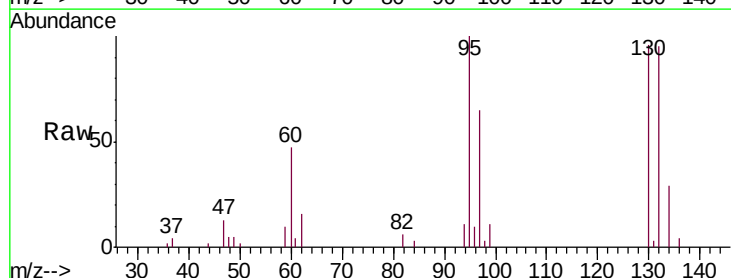
Acq: 22 Jan 2019 12:26

Tgt Ion: 130 Resp: 11590

Ion Ratio Lower Upper

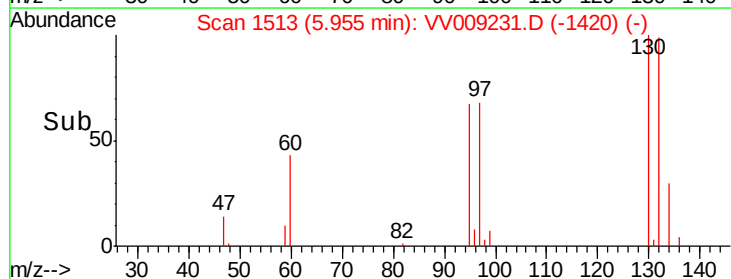
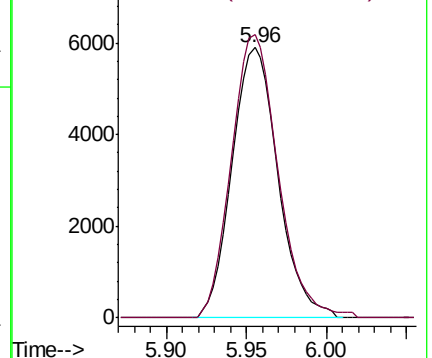
130 100

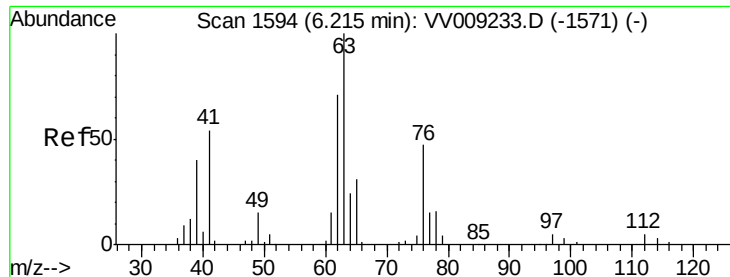
95 104.6 0.0 208.2



Abundance Ion 129.80 (129.50 to 130.50): VV009231.D (-1420) (-)

Ion 94.90 (94.60 to 95.60): VV009231.D (-1420) (-)

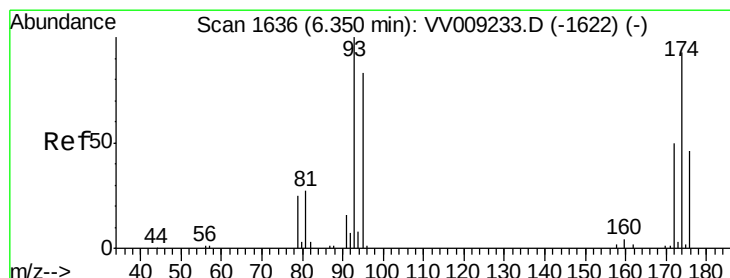
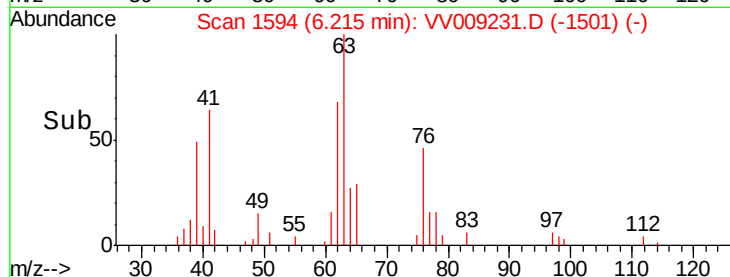
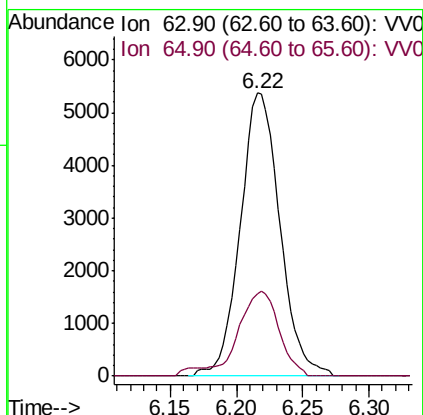
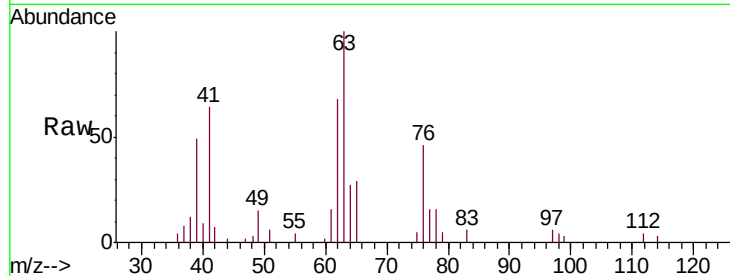




#45
 1,2-Dichloropropane
 Concen: 10.400 ug/l
 RT: 6.22 min Scan# 1594
 Delta R.T. 0.00 min
 Lab File: VV009231.D
 Acq: 22 Jan 2019 12:26

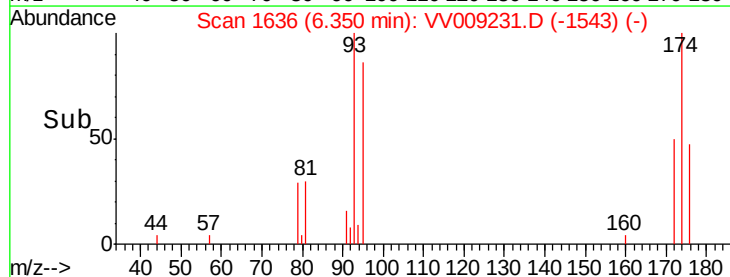
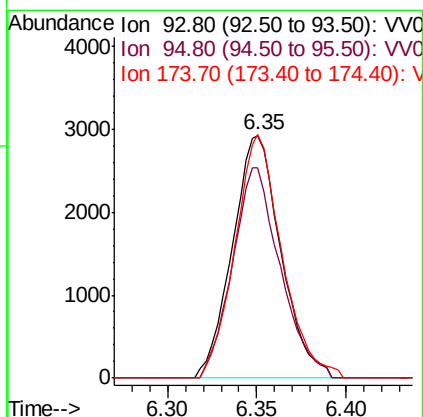
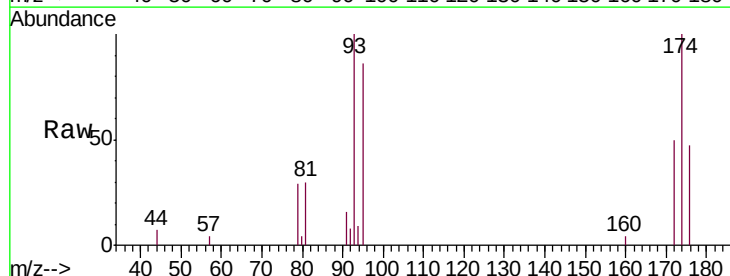
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC010

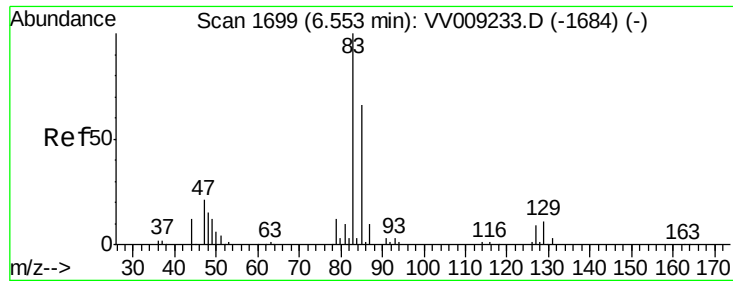
Tgt Ion: 63 Resp: 11197
 Ion Ratio Lower Upper
 63 100
 65 29.2 25.1 37.7



#46
 Dibromomethane
 Concen: 9.440 ug/l
 RT: 6.35 min Scan# 1636
 Delta R.T. 0.00 min
 Lab File: VV009231.D
 Acq: 22 Jan 2019 12:26

Tgt Ion: 93 Resp: 5538
 Ion Ratio Lower Upper
 93 100
 95 85.5 64.6 97.0
 174 97.4 74.0 111.0





#47

Bromodichloromethane

Concen: 9.615 ug/l

RT: 6.55 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VV009231.D

Acq: 22 Jan 2019 12:26

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC010

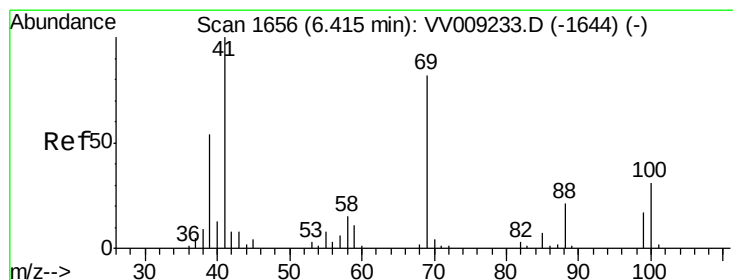
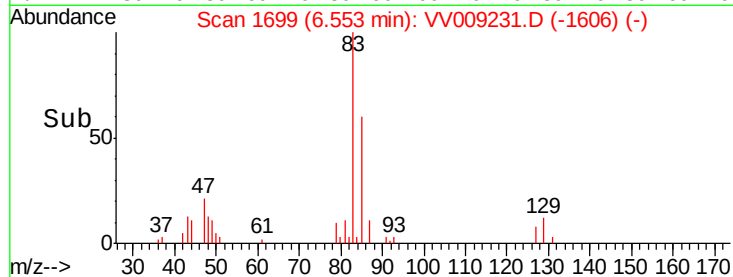
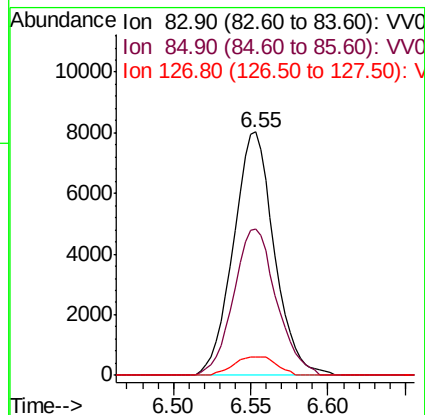
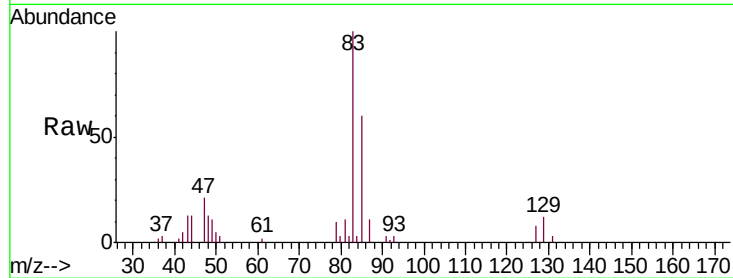
Tgt Ion: 83 Resp: 14714

Ion Ratio Lower Upper

83 100

85 60.0 52.6 78.8

127 7.6 7.0 10.6



#48

Methyl methacrylate

Concen: 9.768 ug/l

RT: 6.42 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VV009231.D

Acq: 22 Jan 2019 12:26

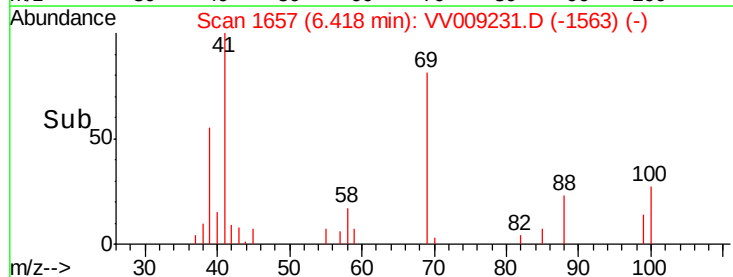
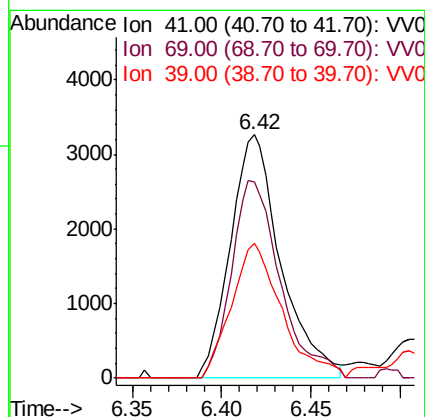
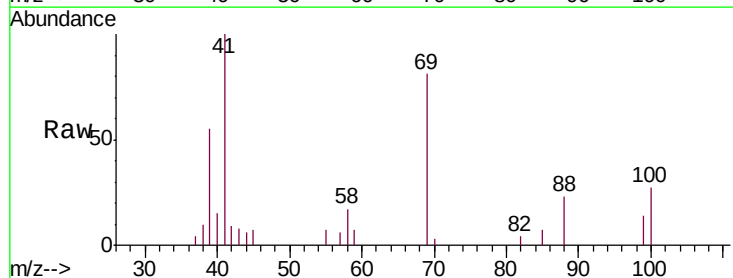
Tgt Ion: 41 Resp: 6427

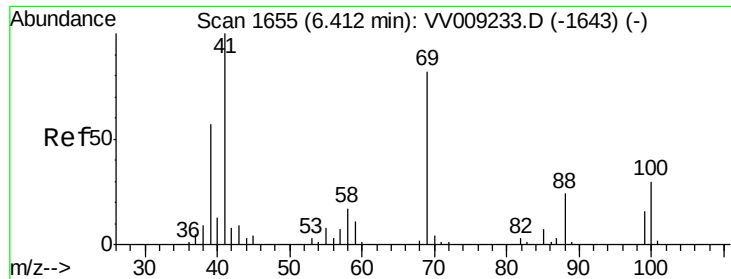
Ion Ratio Lower Upper

41 100

69 78.1 65.8 98.6

39 55.3 43.4 65.0

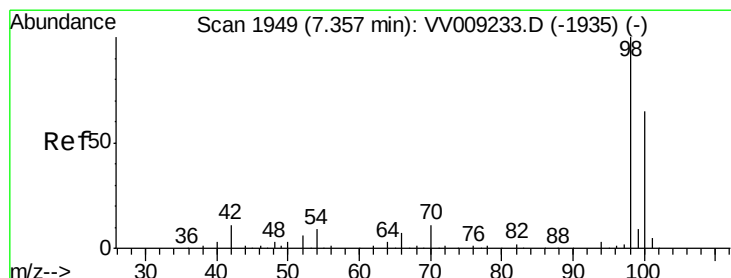
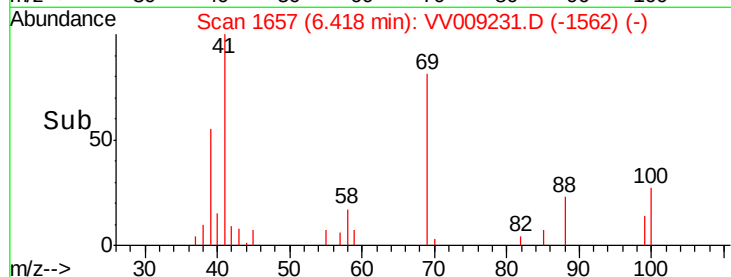
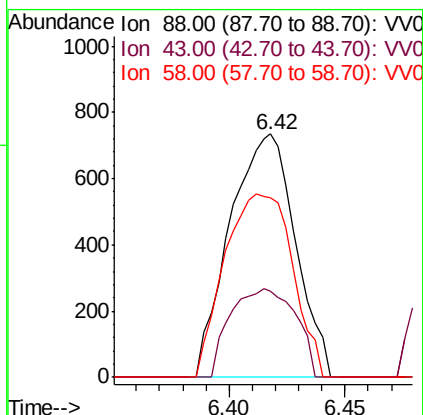
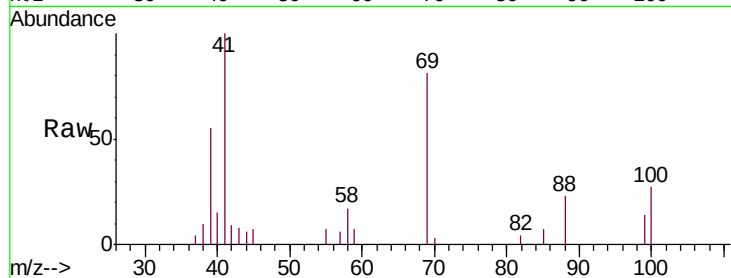




#49
1,4-Dioxane
Concen: 189.063 ug/l
RT: 6.42 min Scan# 1657
Delta R.T. 0.01 min
Lab File: VV009231.D
Acq: 22 Jan 2019 12:26

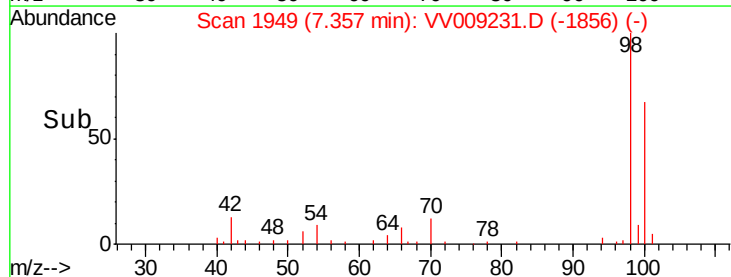
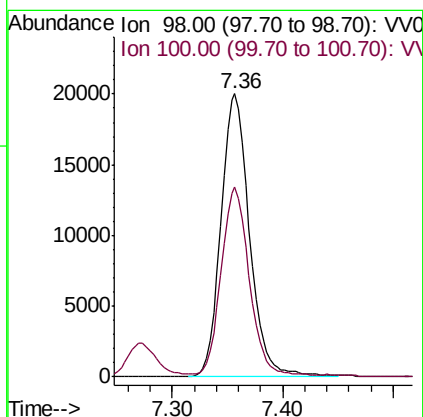
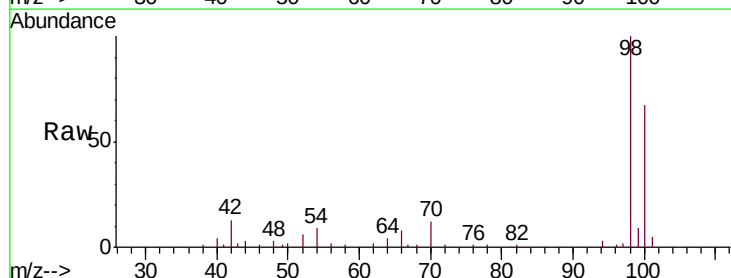
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

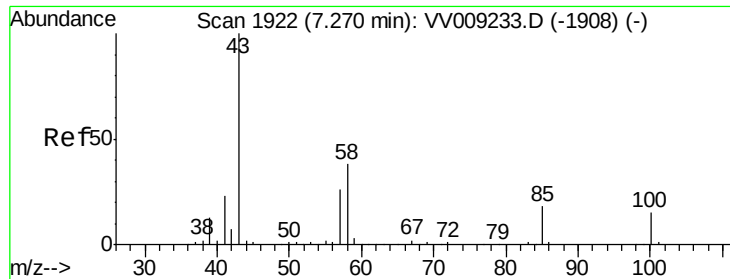
Tgt Ion: 88 Resp: 1439
Ion Ratio Lower Upper
88 100
43 36.3 31.9 47.9
58 78.3 62.0 93.0



#50
Toluene-d8
Concen: 9.773 ug/l
RT: 7.36 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VV009231.D
Acq: 22 Jan 2019 12:26

Tgt Ion: 98 Resp: 36000
Ion Ratio Lower Upper
98 100
100 64.3 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 48.817 ug/l

RT: 7.27 min Scan# 1922

Delta R.T. 0.00 min

Lab File: VV009231.D

Acq: 22 Jan 2019 12:26

Instrument :

MSVOA_V

ClientSampleId :

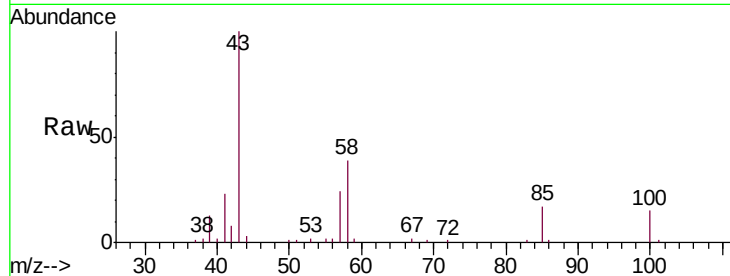
VSTDIC010

Tgt Ion: 43 Resp: 31700

Ion Ratio Lower Upper

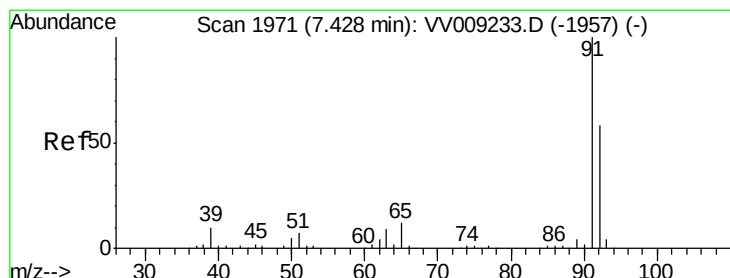
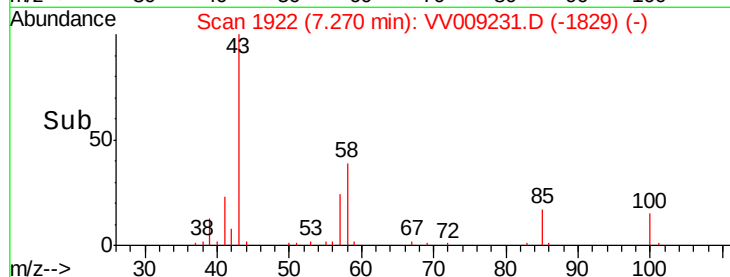
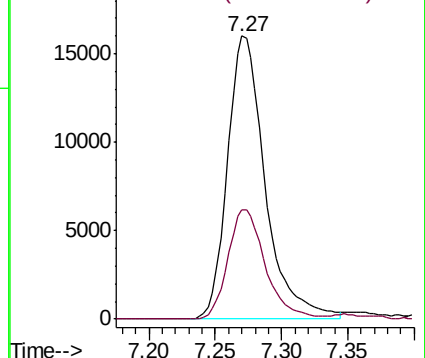
43 100

58 38.3 30.4 45.6



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

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



#52

Toluene

Concen: 10.360 ug/l

RT: 7.43 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VV009231.D

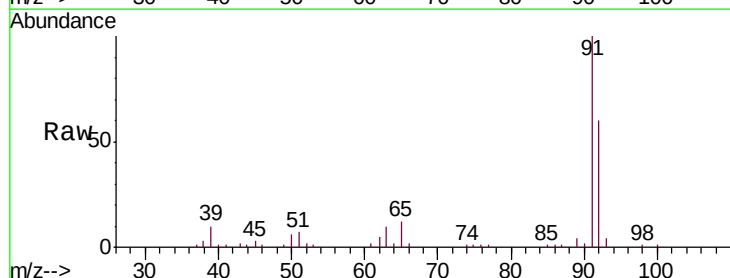
Acq: 22 Jan 2019 12:26

Tgt Ion: 92 Resp: 28728

Ion Ratio Lower Upper

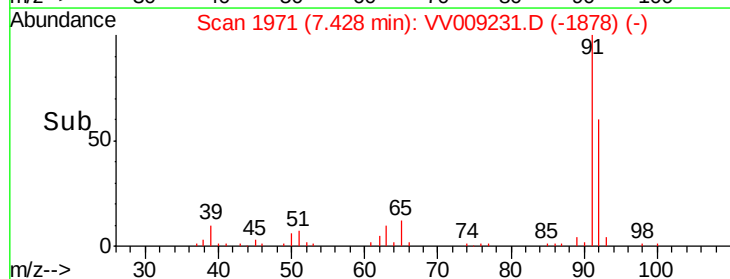
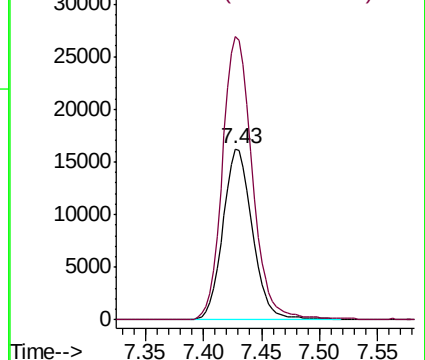
92 100

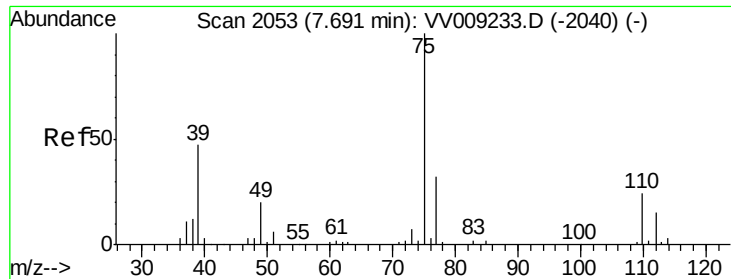
91 167.0 137.2 205.8



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

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





#53

t-1,3-Dichloropropene

Concen: 9.581 ug/l

RT: 7.69 min Scan# 2053

Delta R.T. 0.00 min

Lab File: VV009231.D

Acq: 22 Jan 2019 12:26

Instrument :

MSVOA_V

ClientSampleId :

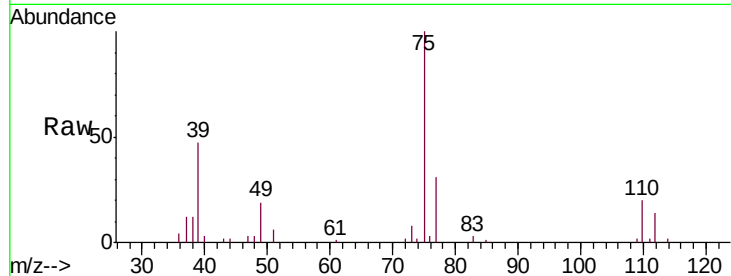
VSTDIC010

Tgt Ion: 75 Resp: 14265

Ion Ratio Lower Upper

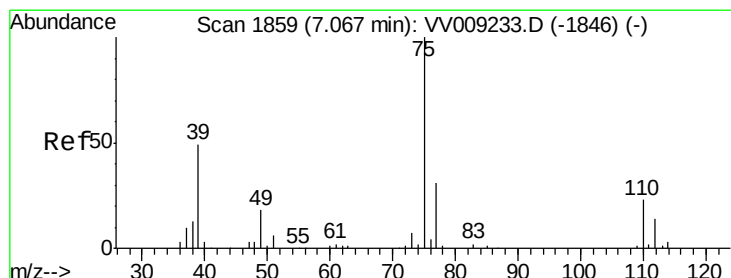
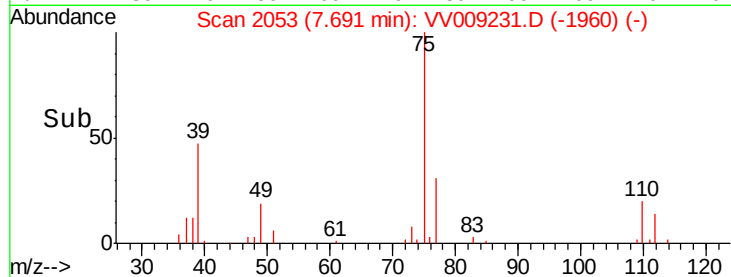
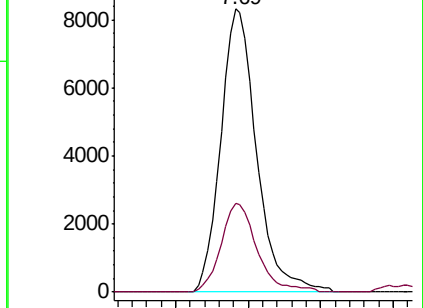
75 100

77 31.2 25.8 38.8



Abundance Ion 74.90 (74.60 to 75.60): VV009231.D (-1960) (-)

Ion 76.90 (76.60 to 77.60): VV009231.D (-1960) (-)



#54

cis-1,3-Dichloropropene

Concen: 9.307 ug/l

RT: 7.07 min Scan# 1859

Delta R.T. 0.00 min

Lab File: VV009231.D

Acq: 22 Jan 2019 12:26

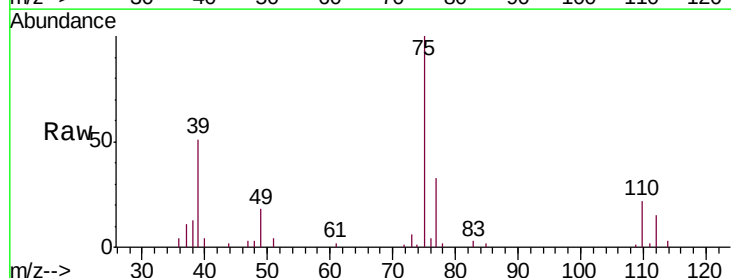
Tgt Ion: 75 Resp: 15700

Ion Ratio Lower Upper

75 100

77 33.4 25.1 37.7

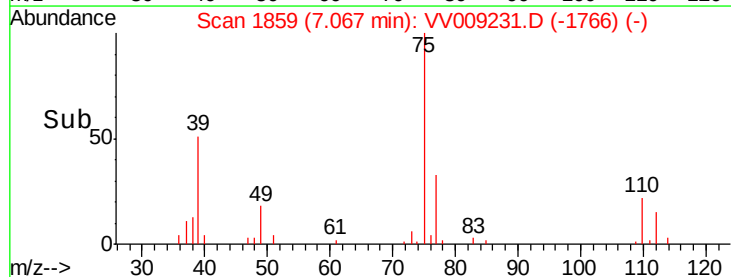
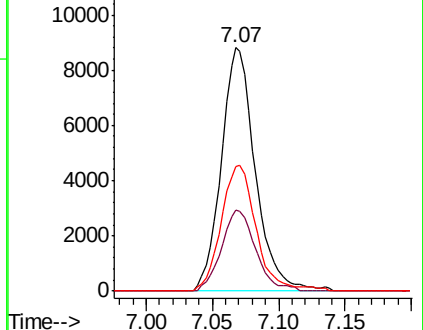
39 51.0 38.8 58.2

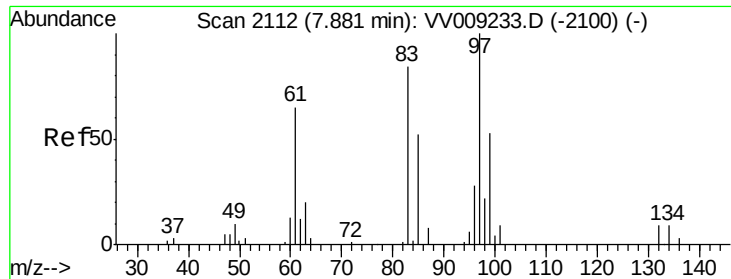


Abundance Ion 74.90 (74.60 to 75.60): VV009231.D (-1766) (-)

Ion 76.90 (76.60 to 77.60): VV009231.D (-1766) (-)

Ion 39.00 (38.70 to 39.70): VV009231.D (-1766) (-)

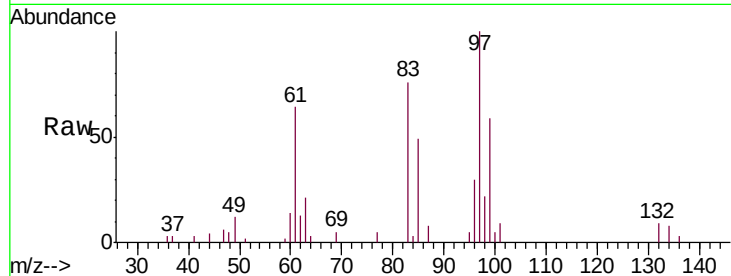




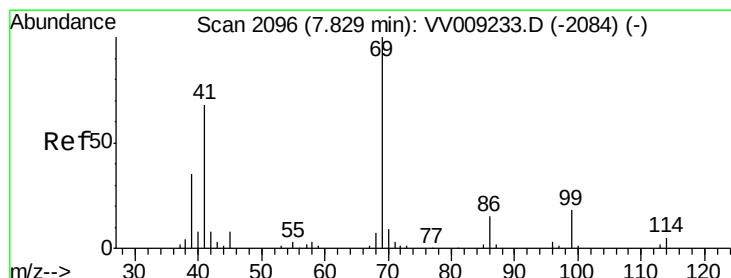
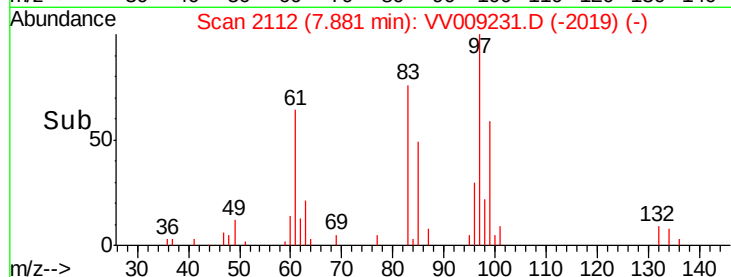
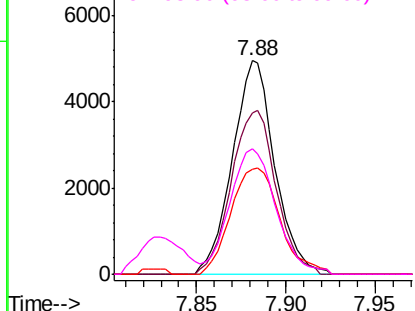
#55
 1,1,2-Trichloroethane
 Concen: 10.318 ug/l
 RT: 7.88 min Scan# 2112
 Delta R.T. 0.00 min
 Lab File: VV009231.D
 Acq: 22 Jan 2019 12:26

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC010

Tgt Ion:	97	Resp:	8201
Ion	Ratio	Lower	Upper
97	100		
83	75.7	67.4	101.0
85	49.5	42.6	64.0
99	58.8	51.1	76.7

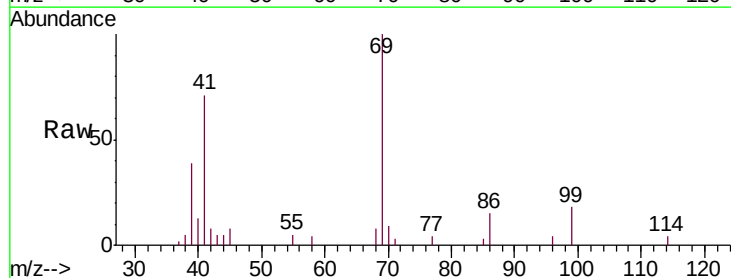


Abundance Ion 96.90 (96.60 to 97.60): VV0
 Ion 82.90 (82.60 to 83.60): VV0
 Ion 84.90 (84.60 to 85.60): VV0
 Ion 98.90 (98.60 to 99.60): VV0

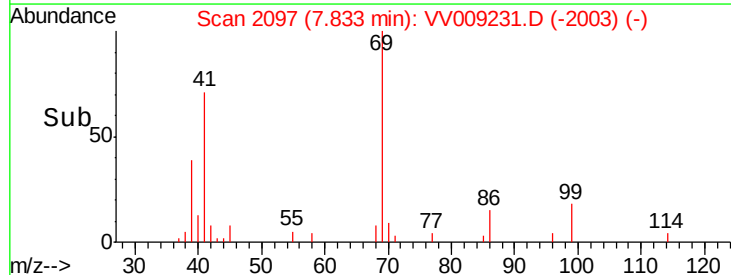
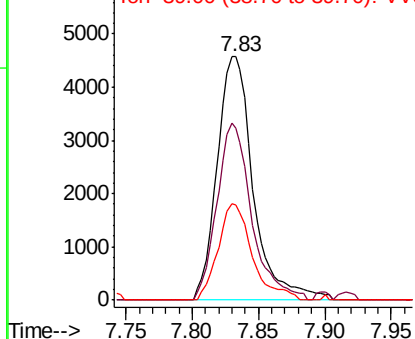


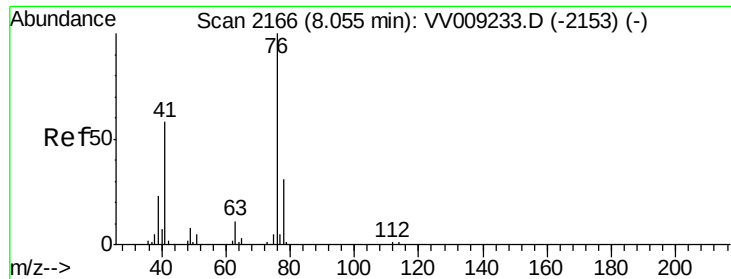
#56
 Ethyl methacrylate
 Concen: 9.004 ug/l
 RT: 7.83 min Scan# 2097
 Delta R.T. 0.00 min
 Lab File: VV009231.D
 Acq: 22 Jan 2019 12:26

Tgt Ion:	69	Resp:	8670
Ion	Ratio	Lower	Upper
69	100		
41	69.9	54.0	81.0
39	37.3	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

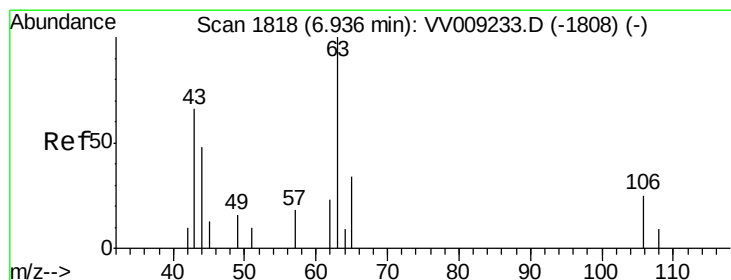
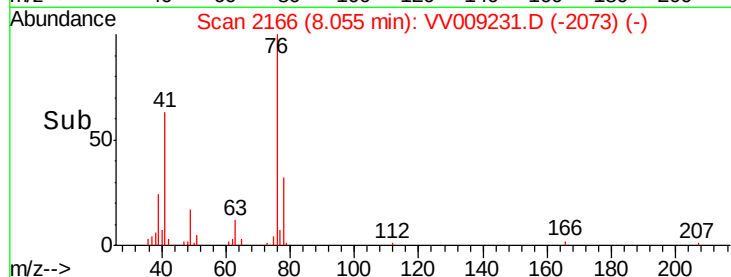
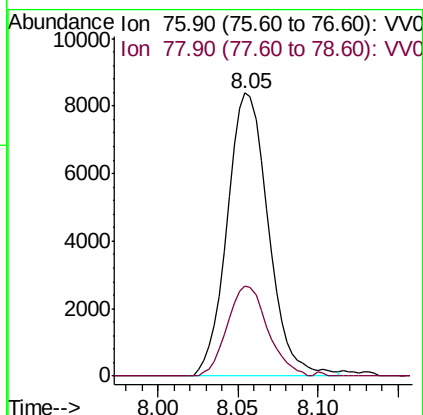
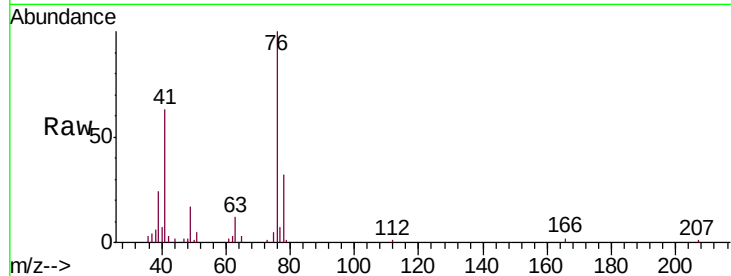




#57
 1,3-Dichloropropane
 Concen: 10.050 ug/l
 RT: 8.05 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: VV009231.D
 Acq: 22 Jan 2019 12:26

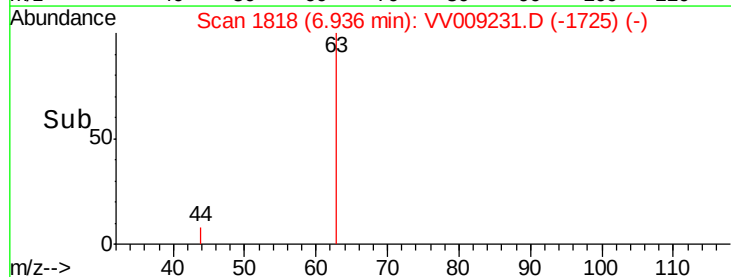
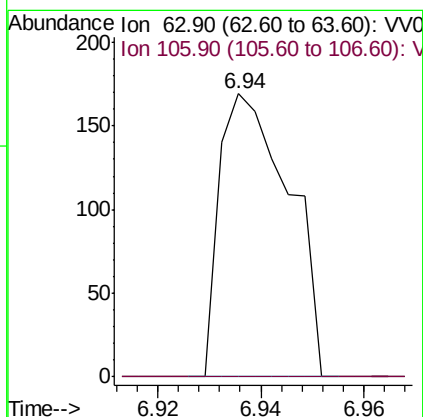
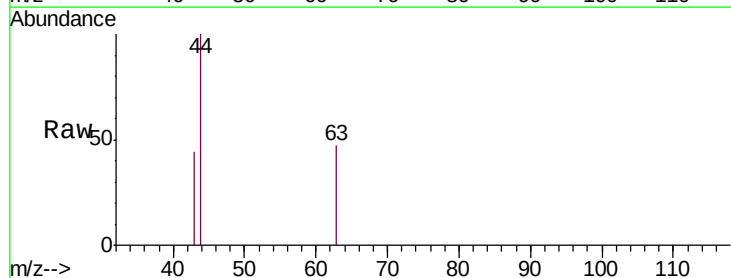
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC010

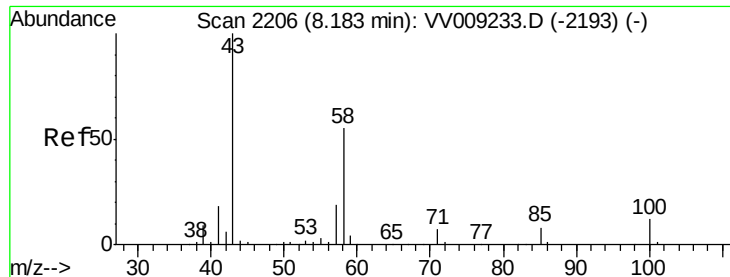
Tgt Ion: 76 Resp: 14725
 Ion Ratio Lower Upper
 76 100
 78 31.2 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 8.473 ug/l
 RT: 6.94 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: VV009231.D
 Acq: 22 Jan 2019 12:26

Tgt Ion: 63 Resp: 157
 Ion Ratio Lower Upper
 63 100
 106 0.0 19.0 28.6#

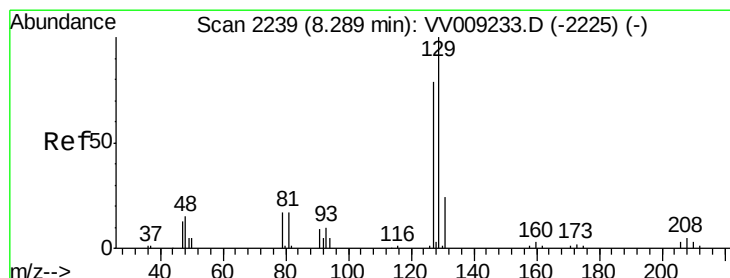
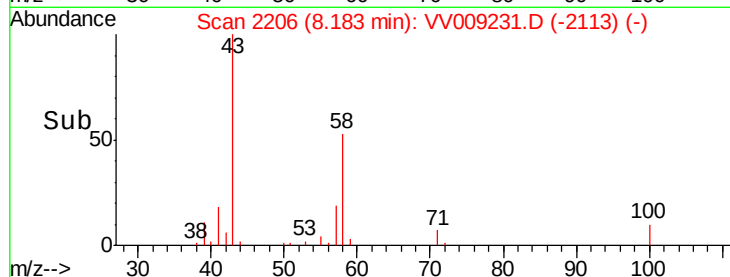
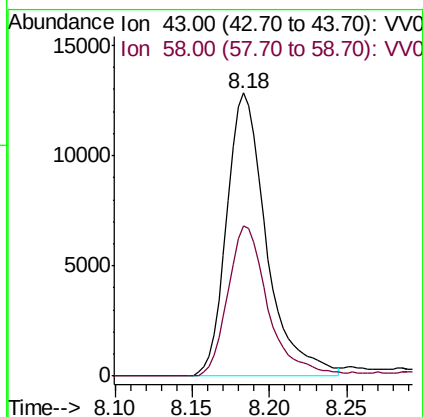
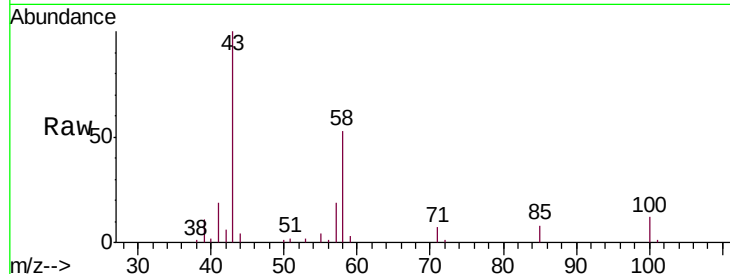




#59
2-Hexanone
Concen: 47.660 ug/l
RT: 8.18 min Scan# 2206
Delta R.T. 0.00 min
Lab File: VV009231.D
Acq: 22 Jan 2019 12:26

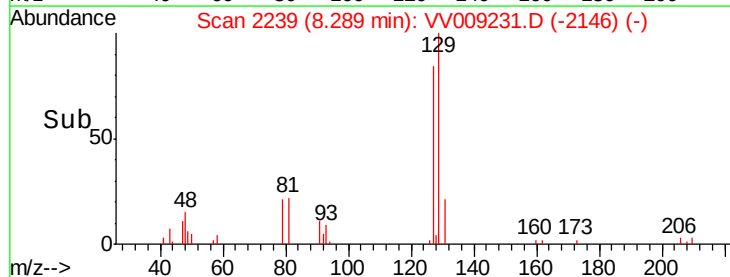
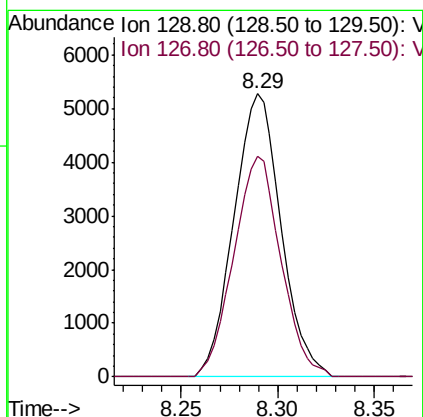
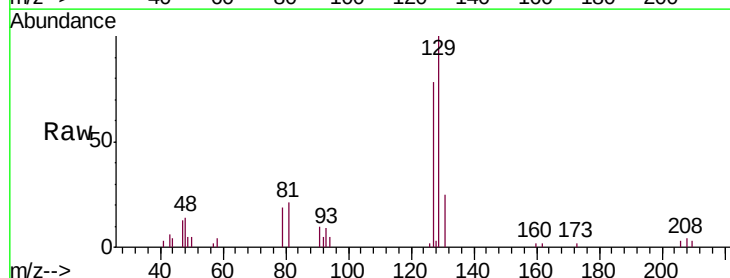
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

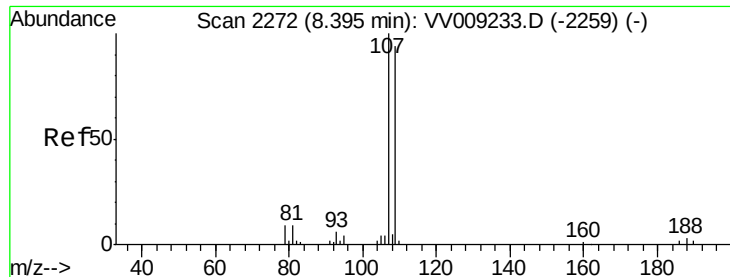
Tgt Ion: 43 Resp: 22940
Ion Ratio Lower Upper
43 100
58 53.3 27.5 82.5



#60
Dibromochloromethane
Concen: 9.447 ug/l
RT: 8.29 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VV009231.D
Acq: 22 Jan 2019 12:26

Tgt Ion: 129 Resp: 8941
Ion Ratio Lower Upper
129 100
127 77.8 38.8 116.4





#61

1,2-Dibromoethane

Concen: 9.899 ug/l

RT: 8.39 min Scan# 2271

Delta R.T. -0.00 min

Lab File: VV009231.D

Acq: 22 Jan 2019 12:26

Instrument :

MSVOA_V

ClientSampleId :

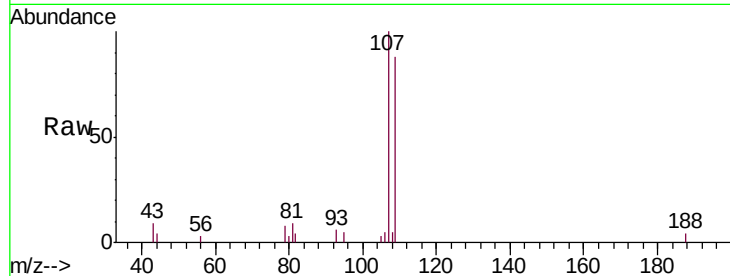
VSTDIC010

Tgt Ion: 107 Resp: 7797

Ion Ratio Lower Upper

107 100

109 91.9 76.2 114.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

8.39

4000

3000

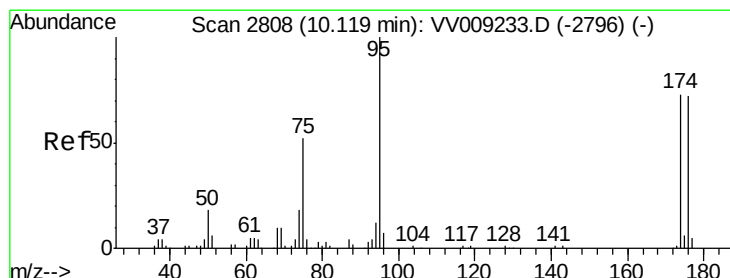
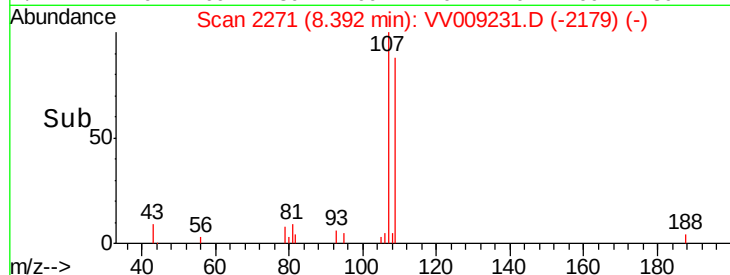
2000

1000

0

8.35 8.40 8.45

Time-->



#62

4-Bromofluorobenzene

Concen: 9.773 ug/l

RT: 10.12 min Scan# 2808

Delta R.T. 0.00 min

Lab File: VV009231.D

Acq: 22 Jan 2019 12:26

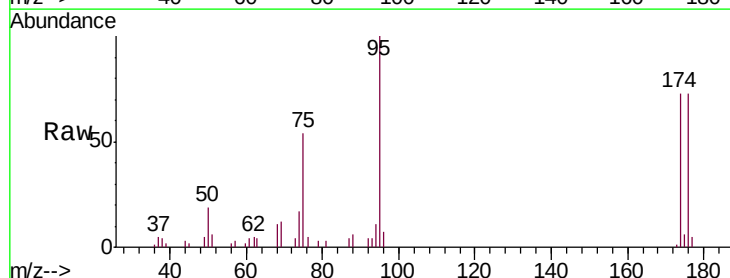
Tgt Ion: 95 Resp: 13832

Ion Ratio Lower Upper

95 100

174 71.7 0.0 148.2

176 72.6 0.0 143.0



Abundance Ion 94.90 (94.60 to 95.60): VV0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

10.12

10000

8000

6000

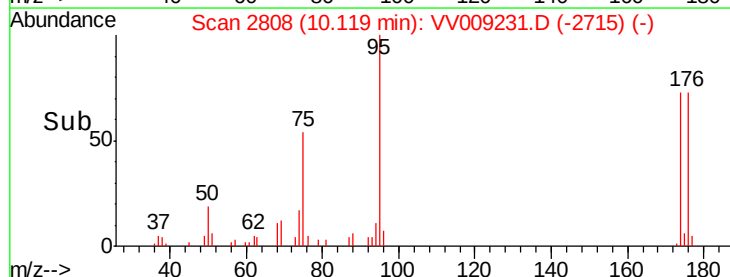
4000

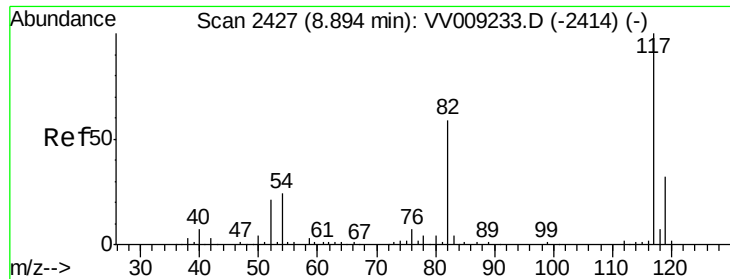
2000

0

10.05 10.10 10.15 10.20

Time-->

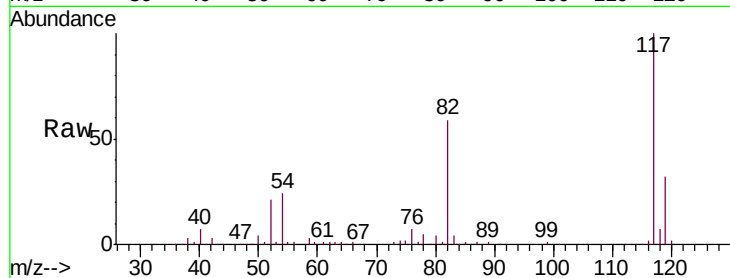




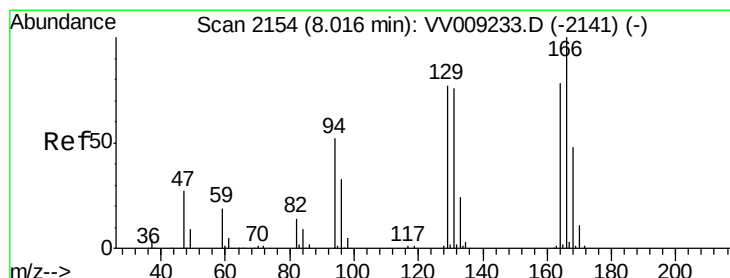
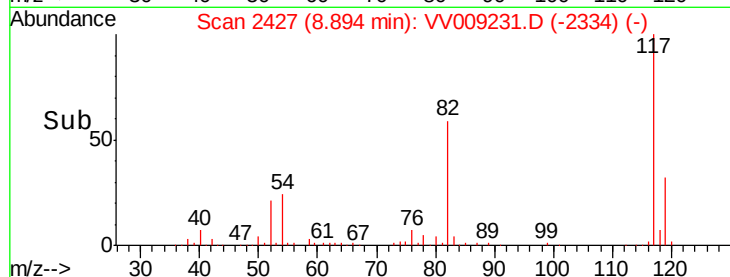
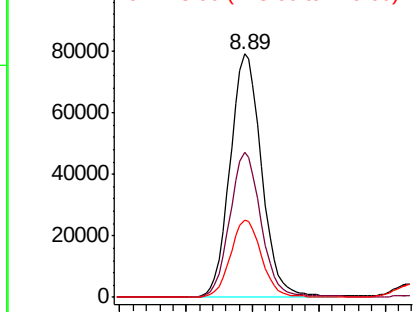
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.89 min Scan# 2427
Delta R.T. 0.00 min
Lab File: VV009231.D
Acq: 22 Jan 2019 12:26

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

Tgt Ion:117 Resp: 131011
Ion Ratio Lower Upper
117 100
82 59.3 47.0 70.6
119 31.9 25.4 38.2

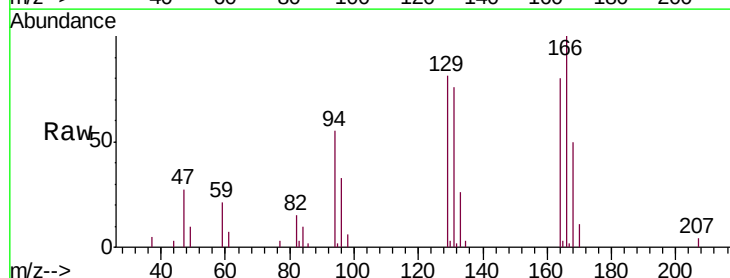


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VV0
Ion 118.90 (118.60 to 119.60): V

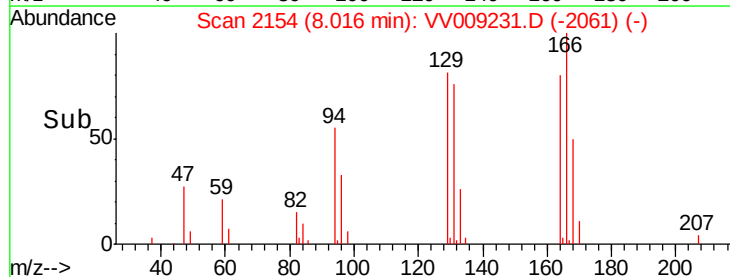
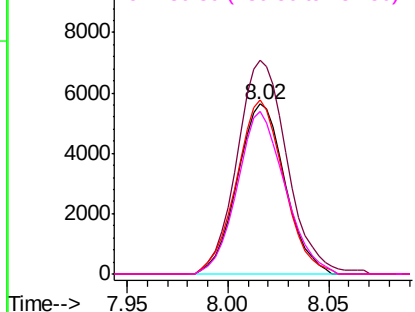


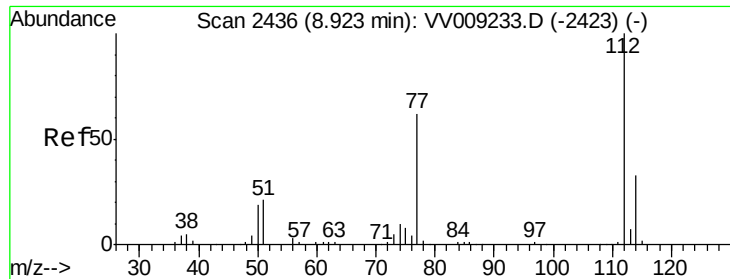
#64
Tetrachloroethene
Concen: 10.470 ug/l
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV009231.D
Acq: 22 Jan 2019 12:26

Tgt Ion:164 Resp: 9336
Ion Ratio Lower Upper
164 100
166 125.6 102.1 153.1
129 102.2 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

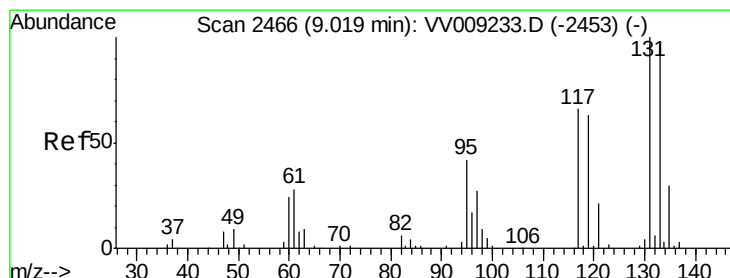
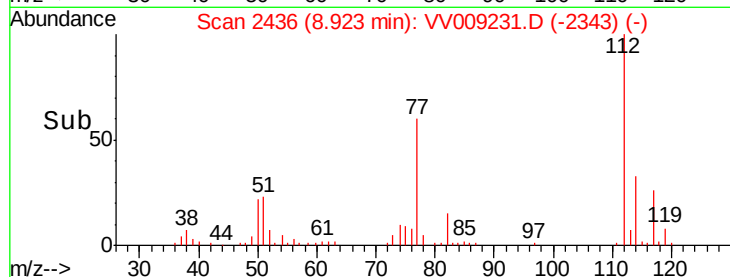
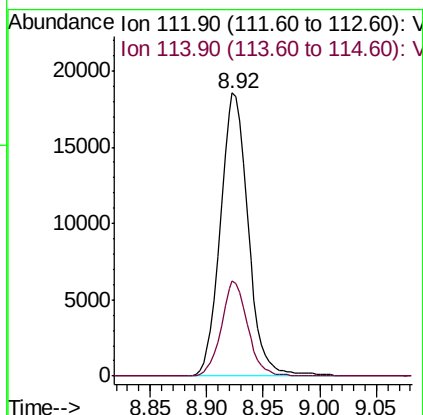
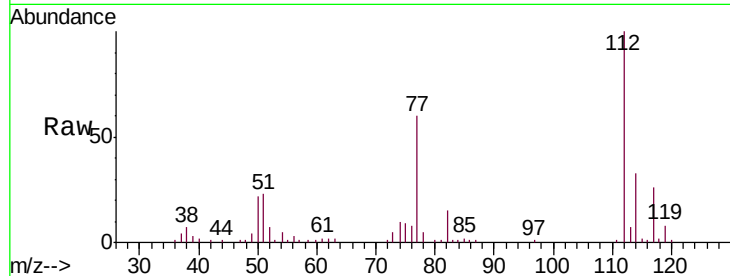




#65
Chlorobenzene
Concen: 10.626 ug/l
RT: 8.92 min Scan# 2436
Delta R.T. 0.00 min
Lab File: VV009231.D
Acq: 22 Jan 2019 12:26

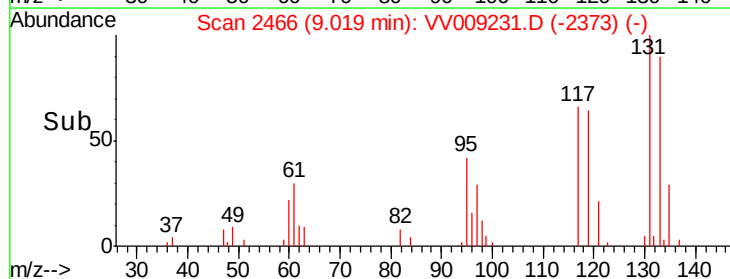
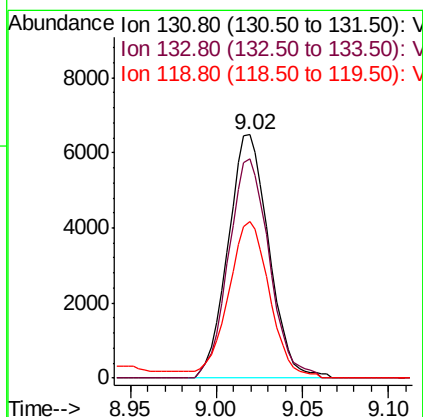
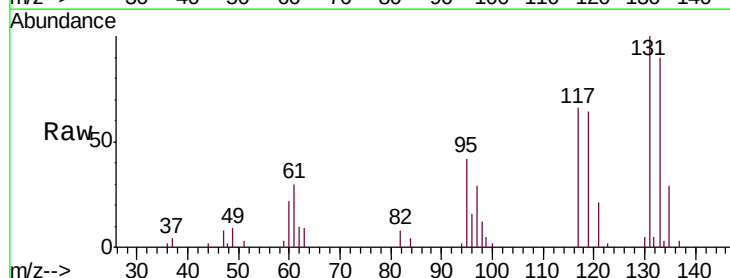
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

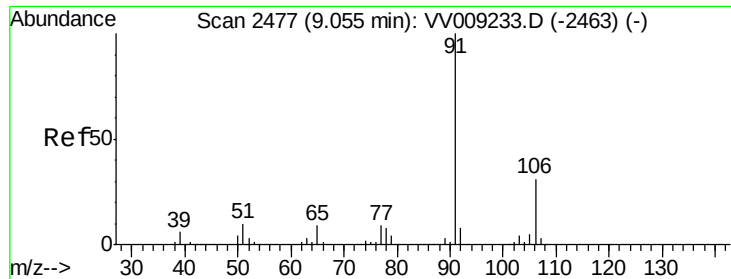
Tgt Ion:112 Resp: 31792
Ion Ratio Lower Upper
112 100
114 33.5 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 10.394 ug/l
RT: 9.02 min Scan# 2466
Delta R.T. 0.00 min
Lab File: VV009231.D
Acq: 22 Jan 2019 12:26

Tgt Ion:131 Resp: 10686
Ion Ratio Lower Upper
131 100
133 89.9 48.3 144.9
119 65.2 31.2 93.6





#67

Ethyl Benzene

Concen: 10.161 ug/l

RT: 9.05 min Scan# 2477

Delta R.T. 0.00 min

Lab File: VV009231.D

Acq: 22 Jan 2019 12:26

Instrument :

MSVOA_V

ClientSampleId :

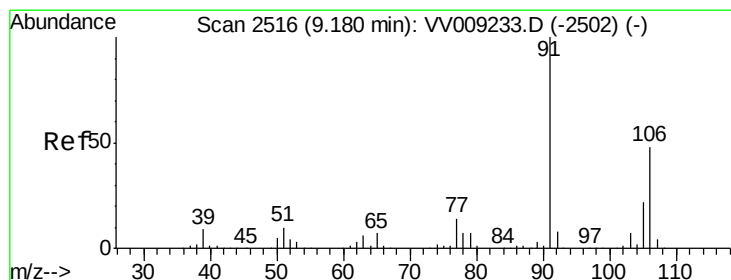
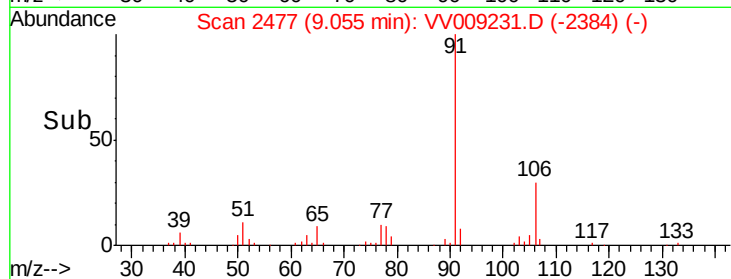
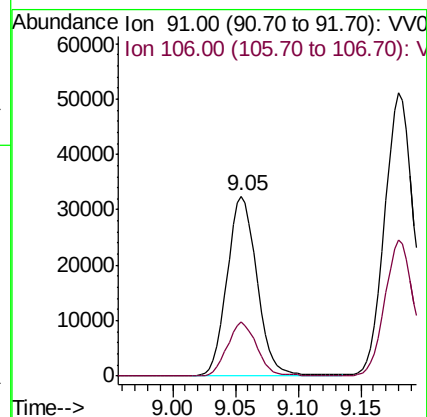
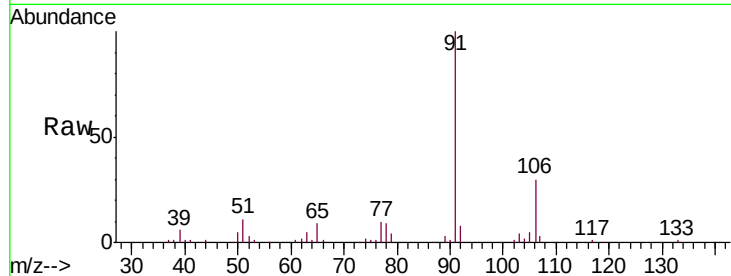
VSTDIC010

Tgt Ion: 91 Resp: 54007

Ion Ratio Lower Upper

91 100

106 29.8 24.6 37.0



#68

m/p-Xylenes

Concen: 20.601 ug/l

RT: 9.18 min Scan# 2516

Delta R.T. 0.00 min

Lab File: VV009231.D

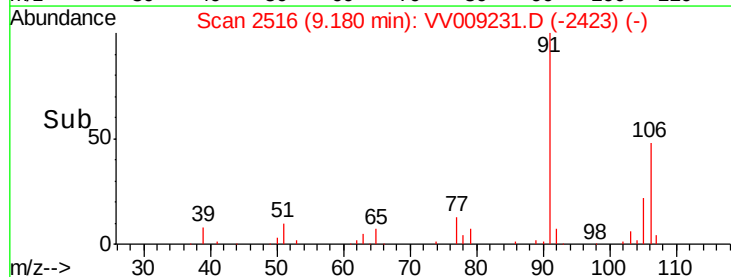
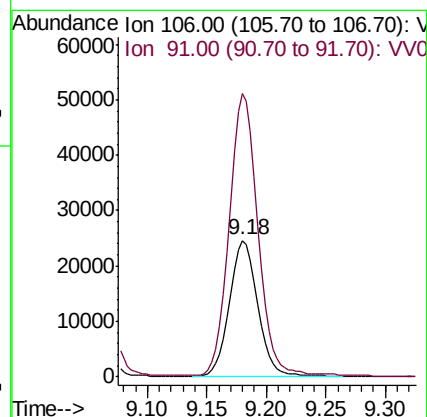
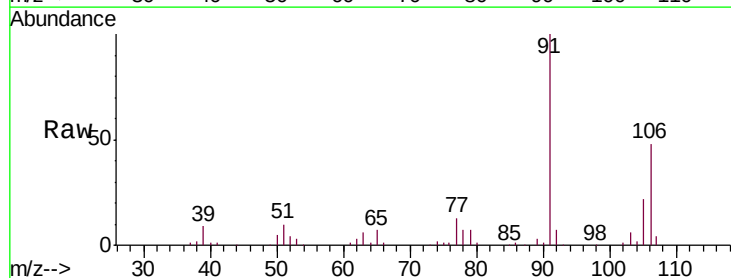
Acq: 22 Jan 2019 12:26

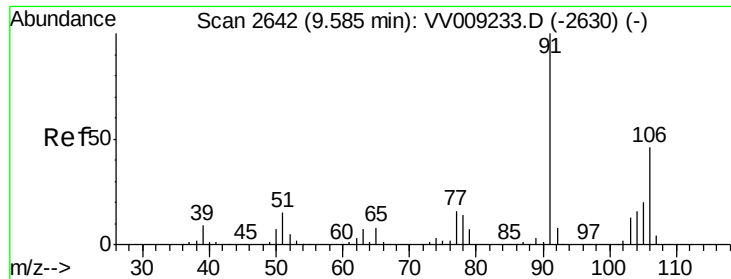
Tgt Ion: 106 Resp: 41082

Ion Ratio Lower Upper

106 100

91 205.4 167.1 250.7

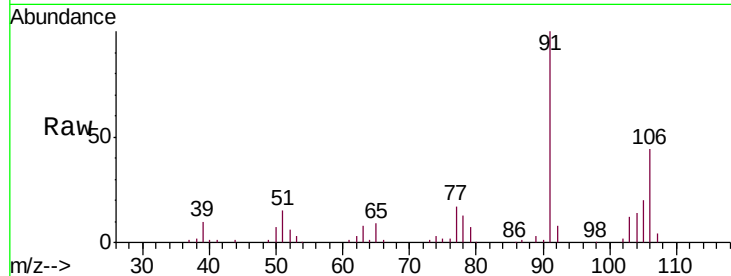




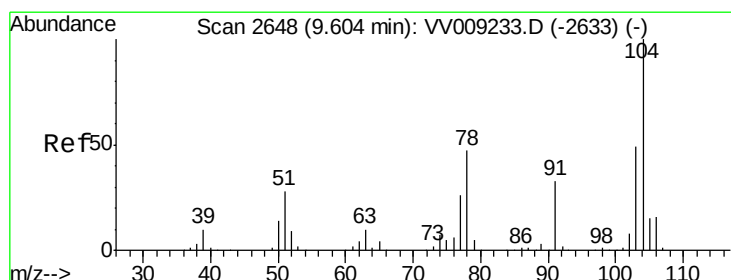
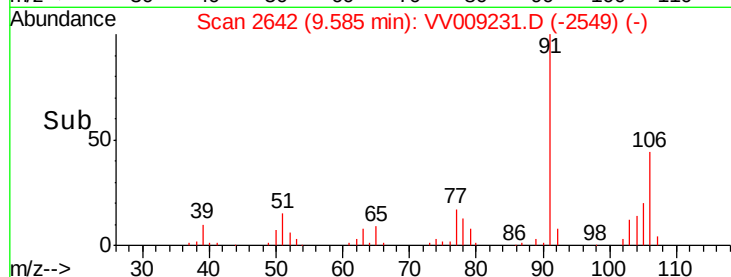
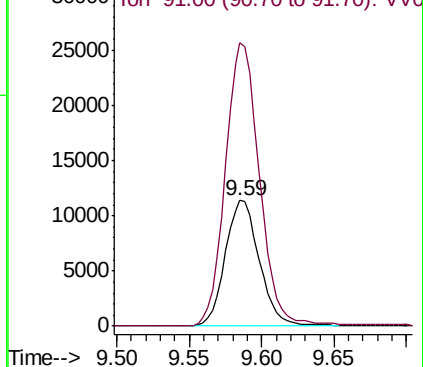
#69
o-Xylene
Concen: 10.026 ug/l
RT: 9.59 min Scan# 2642
Delta R.T. 0.00 min
Lab File: VV009231.D
Acq: 22 Jan 2019 12:26

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

Tgt Ion:106 Resp: 18628
Ion Ratio Lower Upper
106 100
91 225.4 109.3 327.8

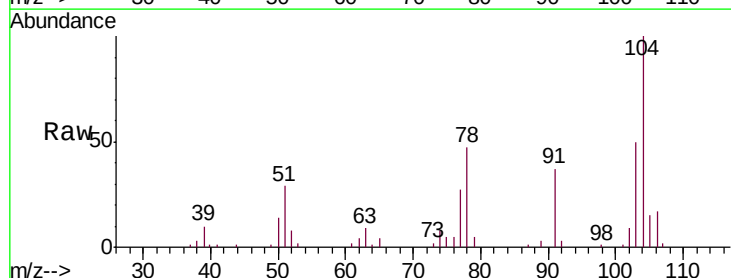


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VV0

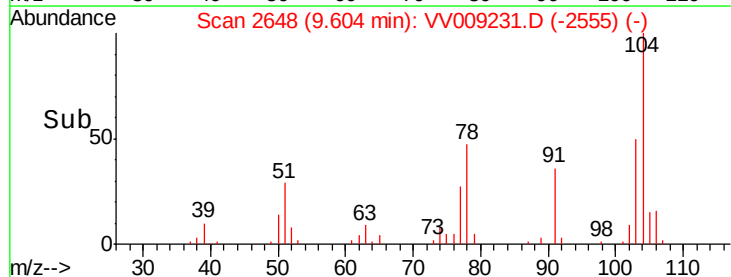
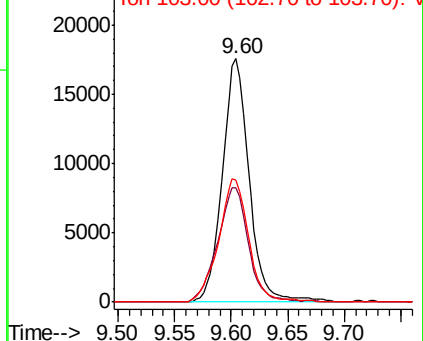


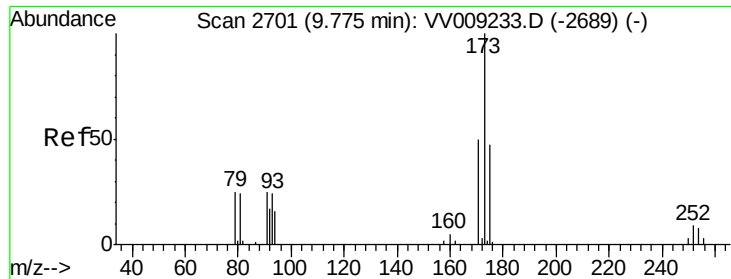
#70
Styrene
Concen: 9.591 ug/l
RT: 9.60 min Scan# 2648
Delta R.T. 0.00 min
Lab File: VV009231.D
Acq: 22 Jan 2019 12:26

Tgt Ion:104 Resp: 29052
Ion Ratio Lower Upper
104 100
78 53.7 43.1 64.7
103 56.6 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: 9.429 ug/l

RT: 9.77 min Scan# 2701

Delta R.T. 0.00 min

Lab File: VV009231.D

Acq: 22 Jan 2019 12:26

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

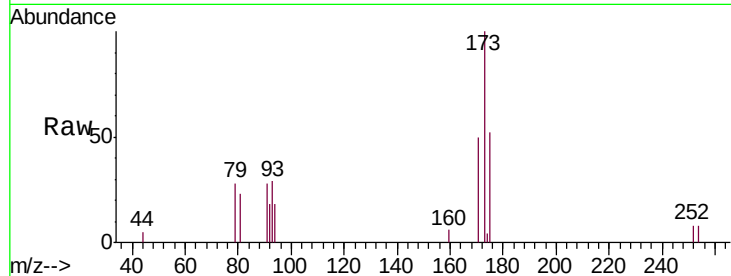
Tgt Ion:173 Resp: 4736

Ion Ratio Lower Upper

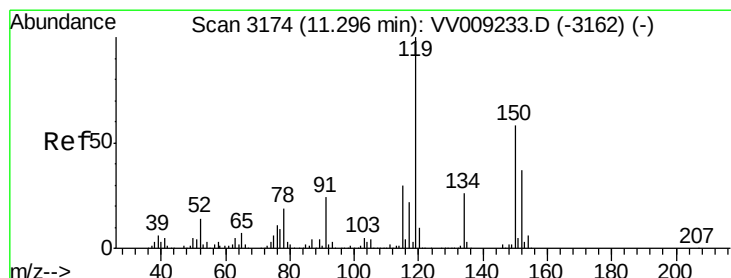
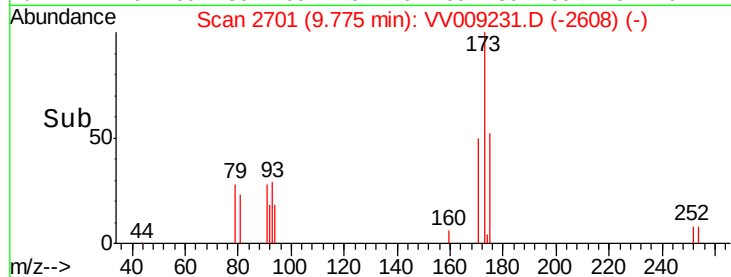
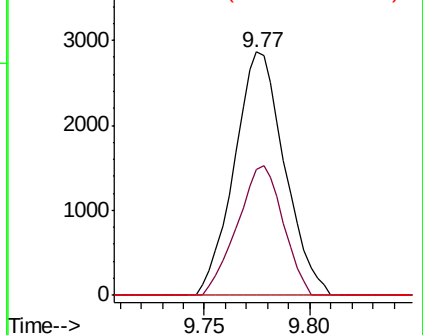
173 100

175 48.6 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: VV009231.D

Acq: 22 Jan 2019 12:26

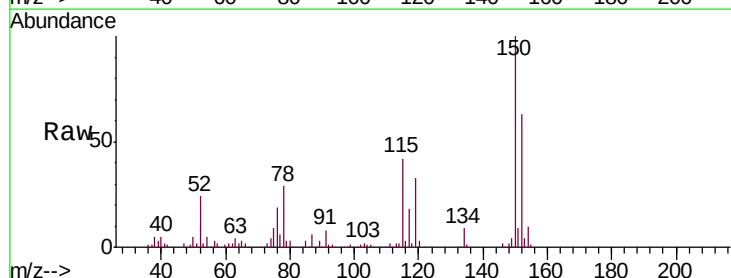
Tgt Ion:152 Resp: 64300

Ion Ratio Lower Upper

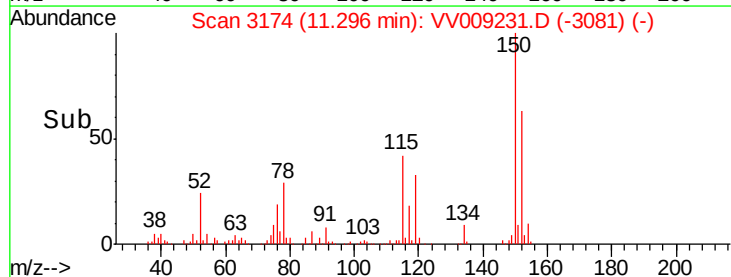
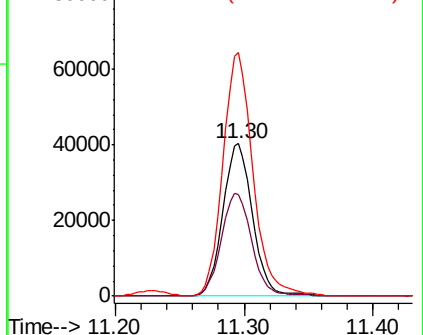
152 100

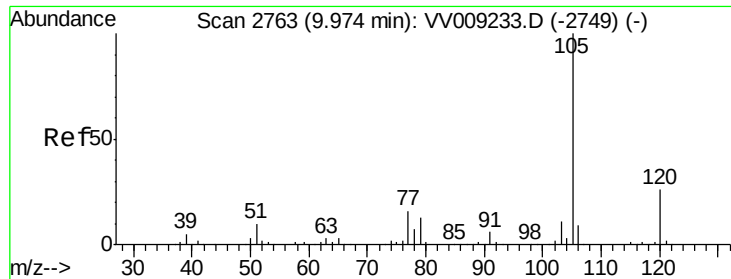
115 69.7 45.0 134.8

150 162.5 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

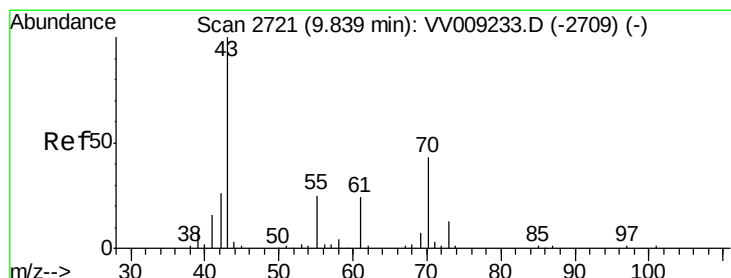
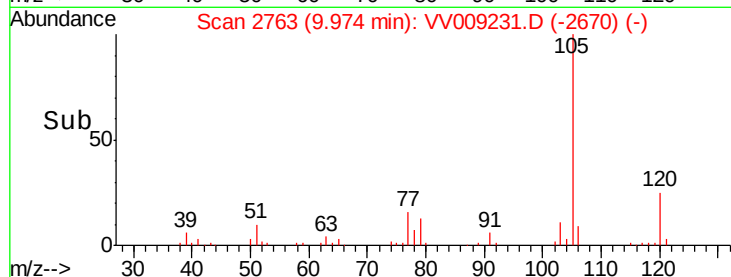
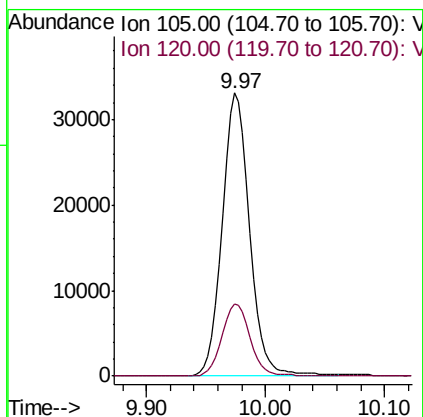
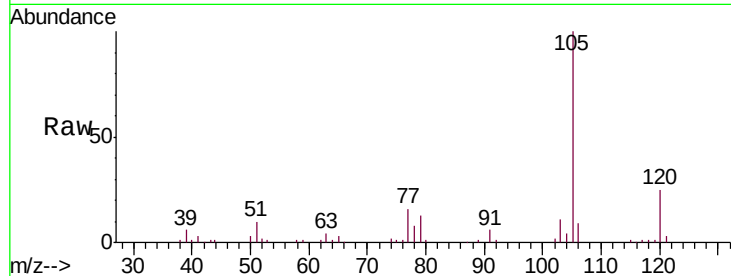




#73
Isopropylbenzene
Concen: 10.390 ug/l
RT: 9.97 min Scan# 2763
Delta R.T. 0.00 min
Lab File: VV009231.D
Acq: 22 Jan 2019 12:26

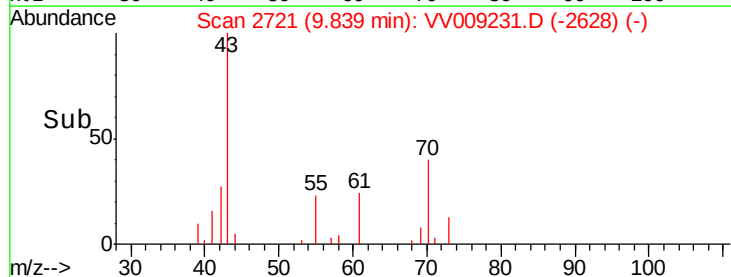
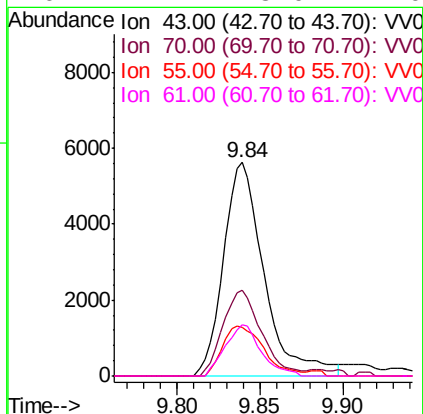
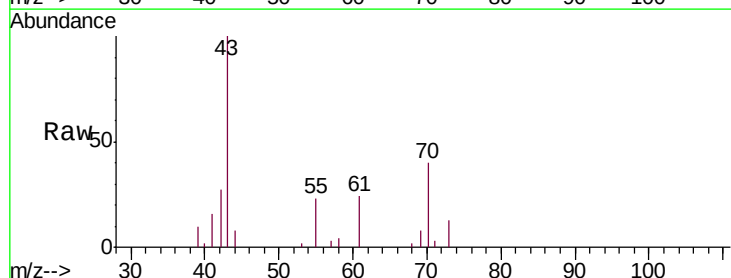
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

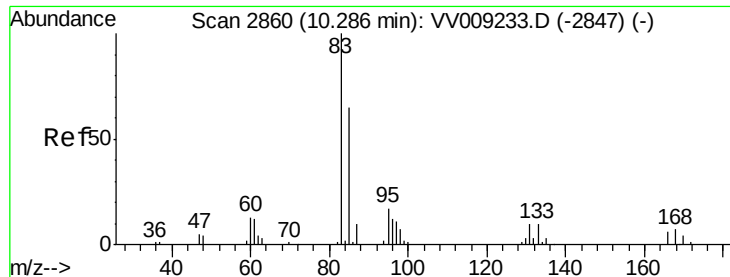
Tgt Ion: 105 Resp: 52905
Ion Ratio Lower Upper
105 100
120 26.0 12.9 38.7



#74
N-ethyl acetate
Concen: 8.932 ug/l
RT: 9.84 min Scan# 2721
Delta R.T. 0.00 min
Lab File: VV009231.D
Acq: 22 Jan 2019 12:26

Tgt Ion: 43 Resp: 9607
Ion Ratio Lower Upper
43 100
70 37.9 33.0 49.6
55 23.7 18.7 28.1
61 21.2 18.0 27.0





#75

1,1,2,2-Tetrachloroethane

Concen: 10.418 ug/l

RT: 10.29 min Scan# 2860

Delta R.T. 0.00 min

Lab File: VV009231.D

Acq: 22 Jan 2019 12:26

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC010

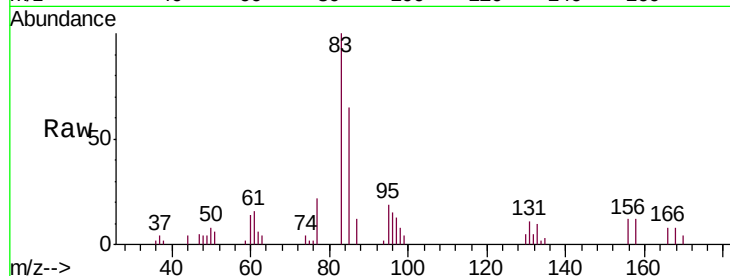
Tgt Ion: 83 Resp: 9500

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.3

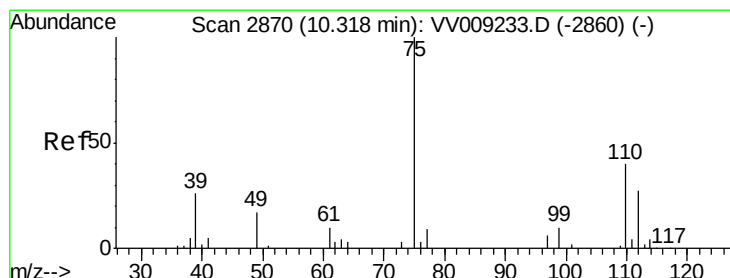
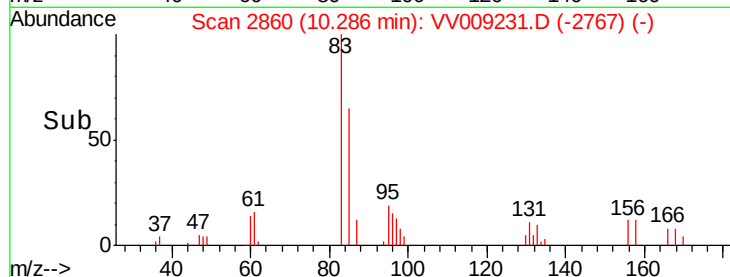
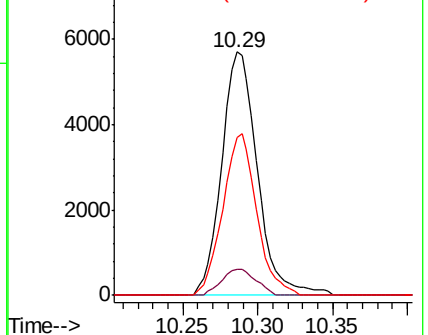
85 62.9 32.6 98.0



Abundance Ion 82.90 (82.60 to 83.60): VV009231.D (-2847) (-)

Ion 130.80 (130.50 to 131.50): VV009231.D (-2847) (-)

Ion 84.90 (84.60 to 85.60): VV009231.D (-2847) (-)



#76

1,2,3-Trichloropropane

Concen: 3.092 ug/l

RT: 10.05 min Scan# 2786

Delta R.T. -0.27 min

Lab File: VV009231.D

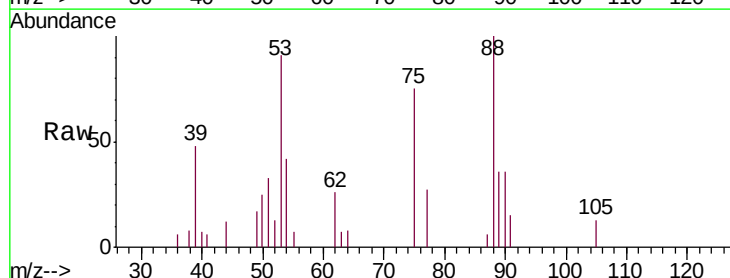
Acq: 22 Jan 2019 12:26

Tgt Ion: 75 Resp: 2194

Ion Ratio Lower Upper

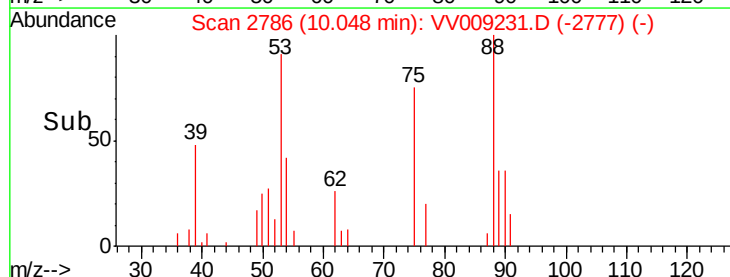
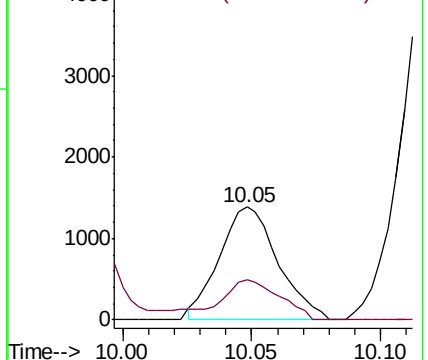
75 100

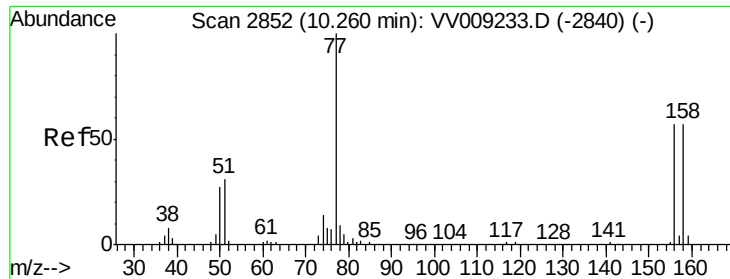
77 34.0 24.6 73.8



Abundance Ion 74.90 (74.60 to 75.60): VV009231.D (-2777) (-)

Ion 77.00 (76.70 to 77.70): VV009231.D (-2777) (-)





#77

Bromobenzene

Concen: 10.165 ug/l

RT: 10.26 min Scan# 2852

Delta R.T. 0.00 min

Lab File: VV009231.D

Acq: 22 Jan 2019 12:26

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC010

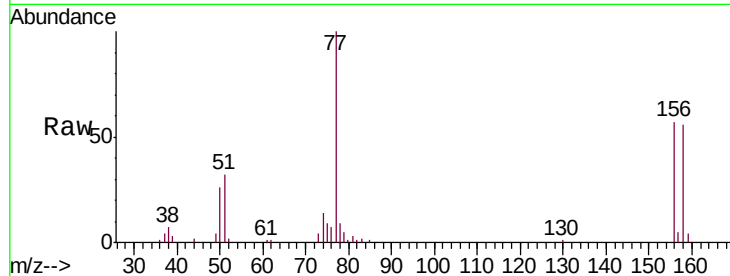
Tgt Ion:156 Resp: 11492

Ion Ratio Lower Upper

156 100

77 178.0 86.0 258.0

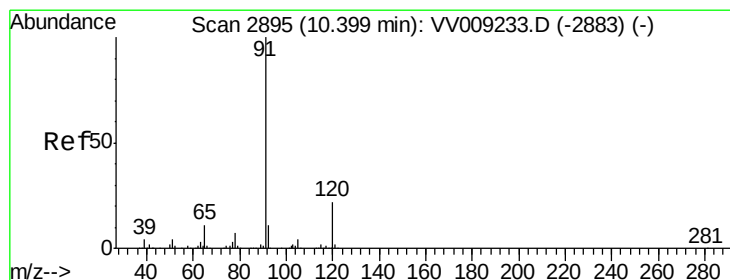
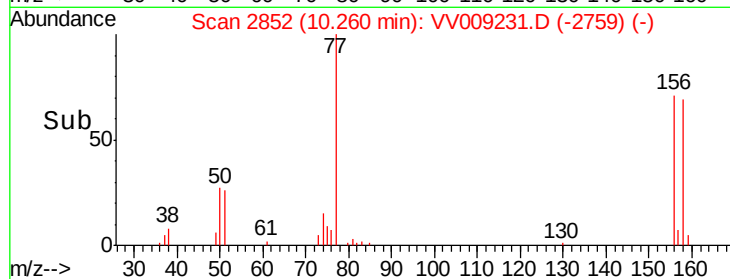
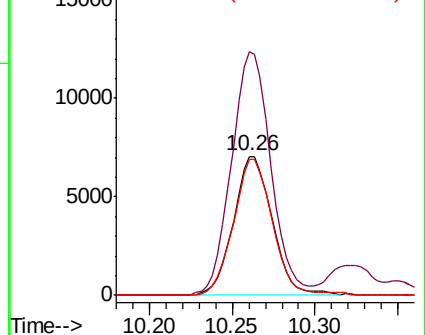
158 97.6 49.8 149.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VV0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 10.379 ug/l

RT: 10.40 min Scan# 2894

Delta R.T. -0.00 min

Lab File: VV009231.D

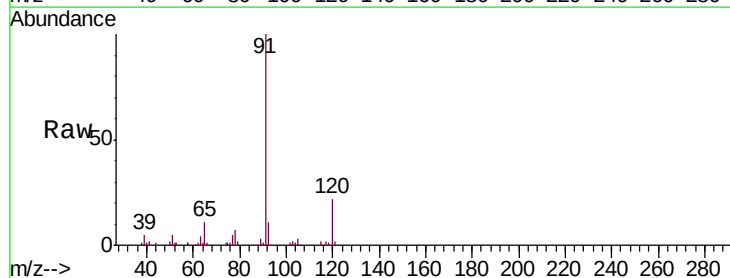
Acq: 22 Jan 2019 12:26

Tgt Ion: 91 Resp: 62623

Ion Ratio Lower Upper

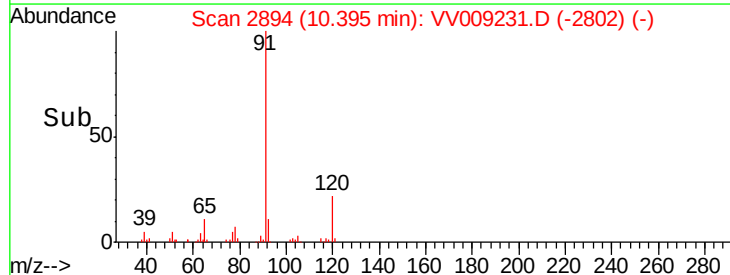
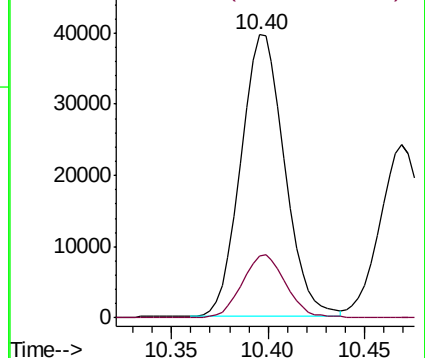
91 100

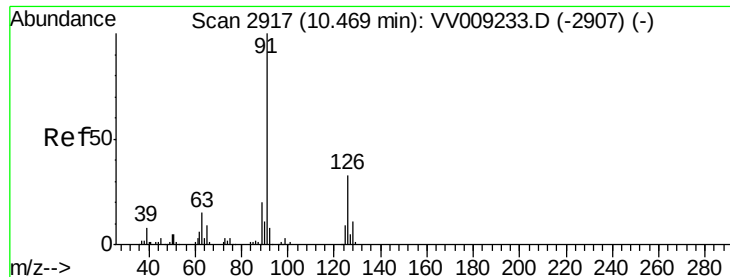
120 22.3 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 10.413 ug/l

RT: 10.47 min Scan# 2917

Delta R.T. 0.00 min

Lab File: VV009231.D

Acq: 22 Jan 2019 12:26

Instrument :

MSVOA_V

ClientSampleId :

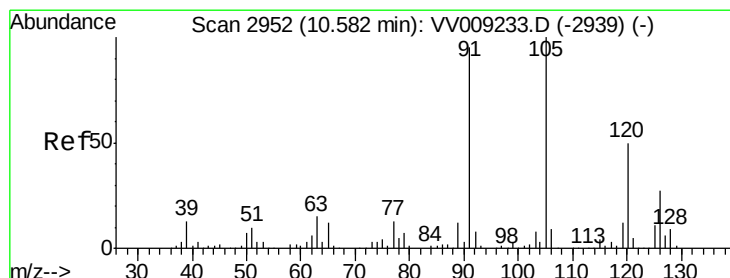
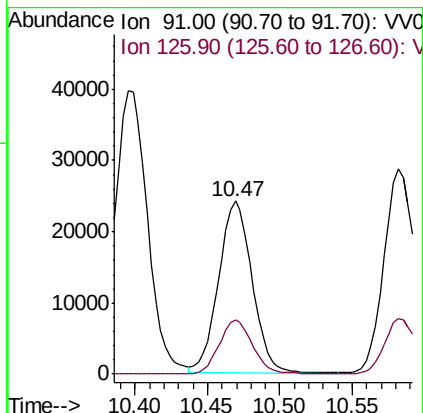
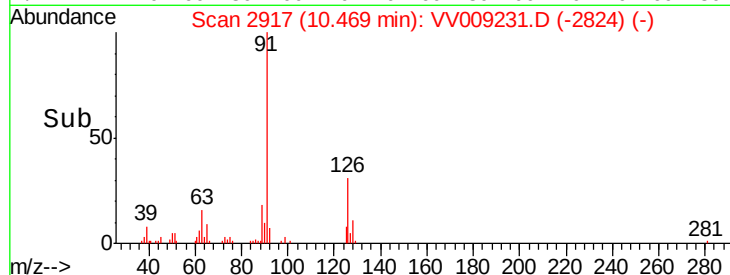
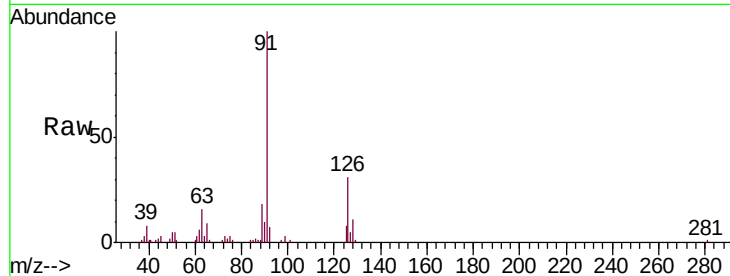
VSTDIC010

Tgt Ion: 91 Resp: 38759

Ion Ratio Lower Upper

91 100

126 31.2 16.2 48.6



#80

1,3,5-Trimethylbenzene

Concen: 10.326 ug/l

RT: 10.58 min Scan# 2952

Delta R.T. 0.00 min

Lab File: VV009231.D

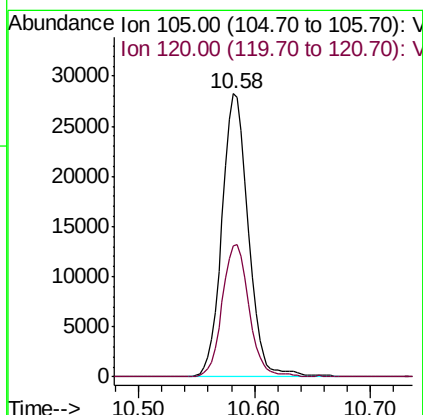
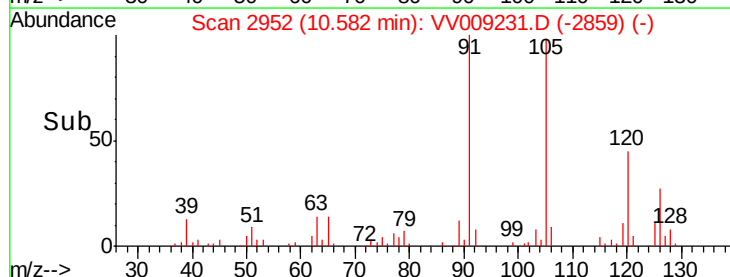
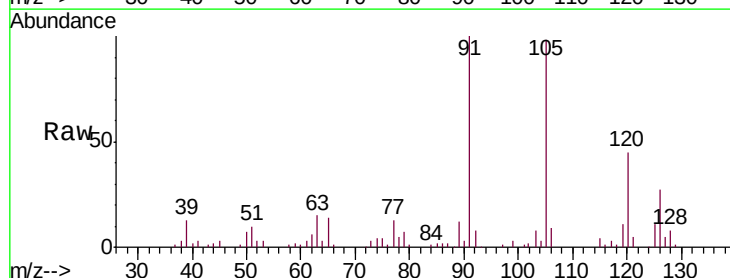
Acq: 22 Jan 2019 12:26

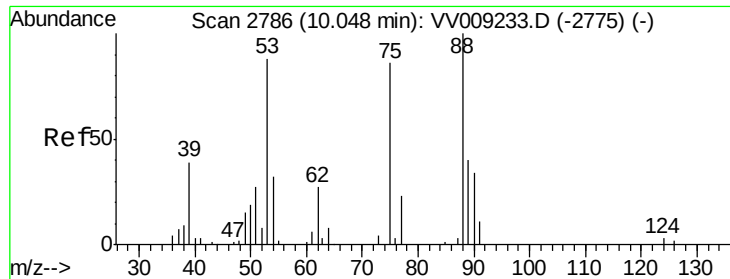
Tgt Ion: 105 Resp: 44556

Ion Ratio Lower Upper

105 100

120 47.3 24.3 73.0





#81

trans-1,4-Dichloro-2-butene

Concen: 8.680 ug/l

RT: 10.05 min Scan# 2786

Delta R.T. 0.00 min

Lab File: VV009231.D

Acq: 22 Jan 2019 12:26

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC010

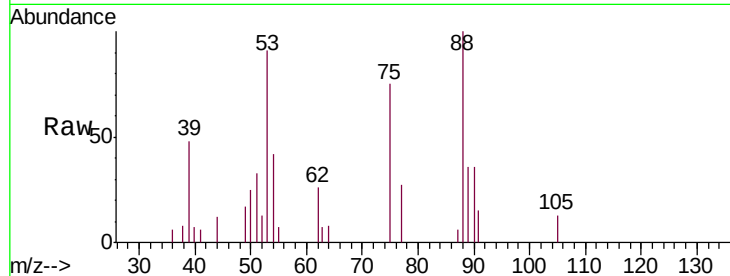
Tgt Ion: 75 Resp: 2221

Ion Ratio Lower Upper

75 100

53 120.9 82.1 123.1

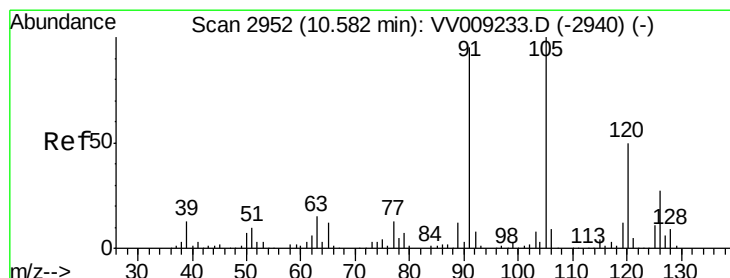
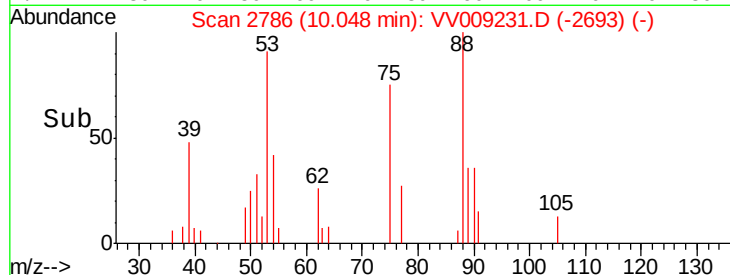
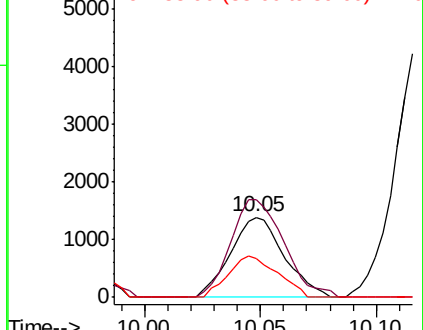
89 47.1 36.2 54.4



Abundance Ion 74.90 (74.60 to 75.60): VV009231.D (-2693) (-)

Ion 53.00 (52.70 to 53.70): VV009231.D (-2693) (-)

Ion 88.90 (88.60 to 89.60): VV009231.D (-2693) (-)



#82

4-Chlorotoluene

Concen: 10.124 ug/l

RT: 10.58 min Scan# 2952

Delta R.T. 0.00 min

Lab File: VV009231.D

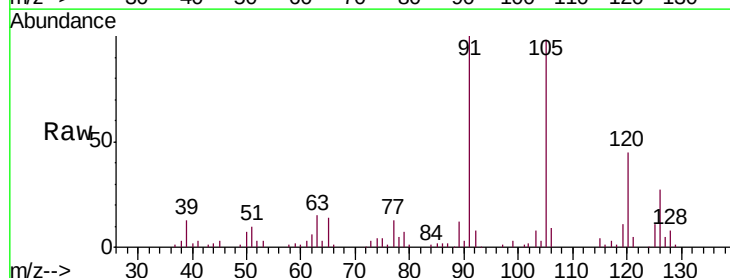
Acq: 22 Jan 2019 12:26

Tgt Ion: 91 Resp: 44884

Ion Ratio Lower Upper

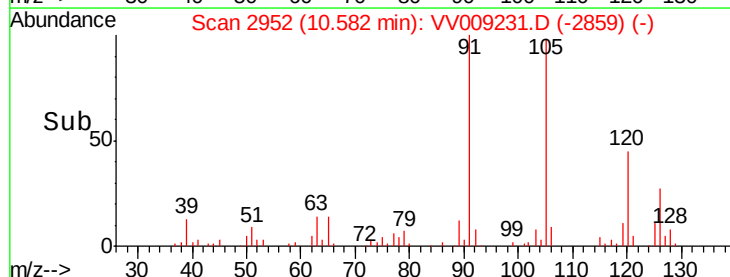
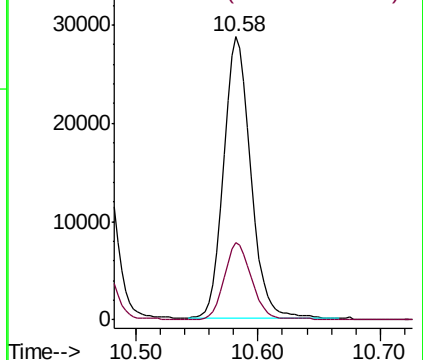
91 100

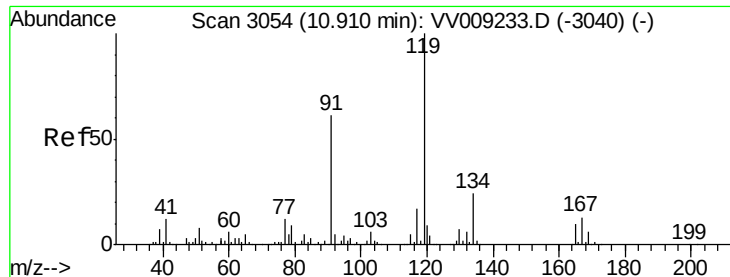
126 27.7 14.3 42.9



Abundance Ion 91.00 (90.70 to 91.70): VV009231.D (-2859) (-)

Ion 125.90 (125.60 to 126.60): VV009231.D (-2859) (-)

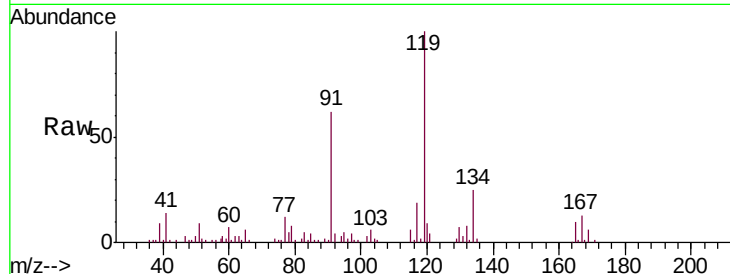




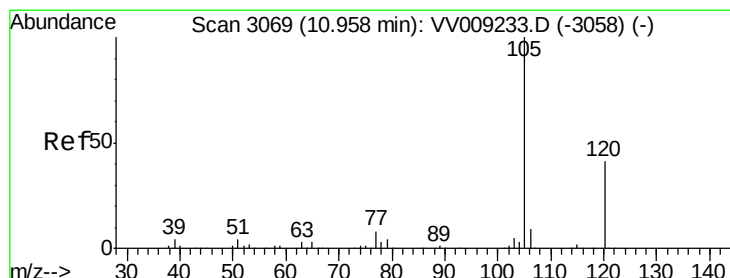
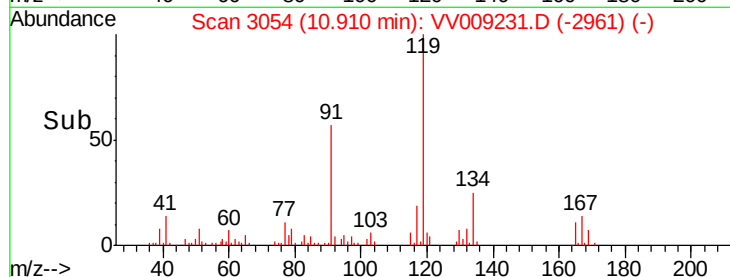
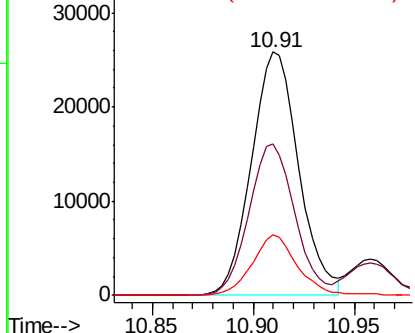
#83
 tert-Butylbenzene
 Concen: 10.326 ug/l
 RT: 10.91 min Scan# 3054
 Delta R.T. 0.00 min
 Lab File: VV009231.D
 Acq: 22 Jan 2019 12:26

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC010

Tgt Ion:119 Resp: 42366
 Ion Ratio Lower Upper
 119 100
 91 60.5 30.0 90.1
 134 23.4 11.9 35.7

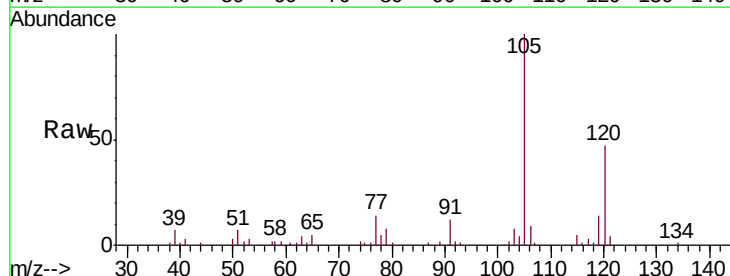


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VV0
 Ion 134.00 (133.70 to 134.70): V

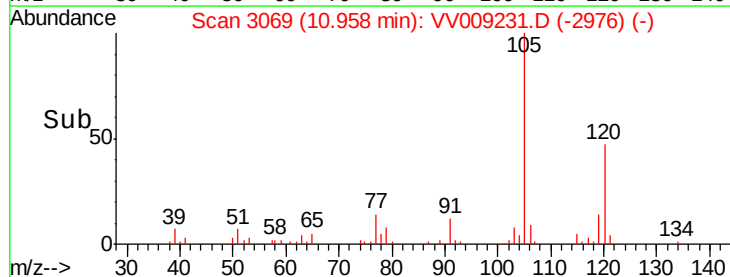
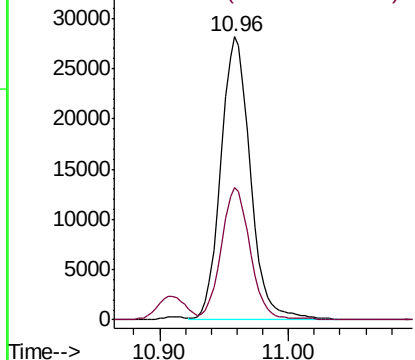


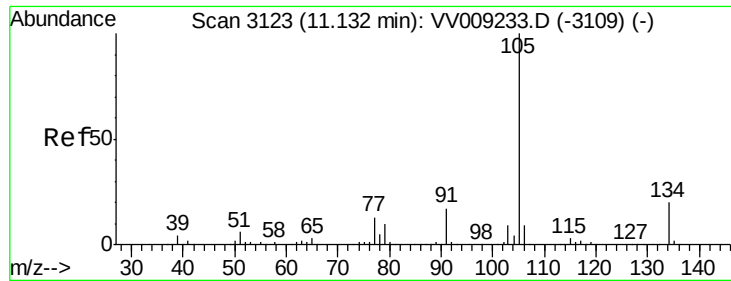
#84
 1,2,4-Trimethylbenzene
 Concen: 10.068 ug/l
 RT: 10.96 min Scan# 3069
 Delta R.T. 0.00 min
 Lab File: VV009231.D
 Acq: 22 Jan 2019 12:26

Tgt Ion:105 Resp: 44773
 Ion Ratio Lower Upper
 105 100
 120 46.2 22.6 67.7



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

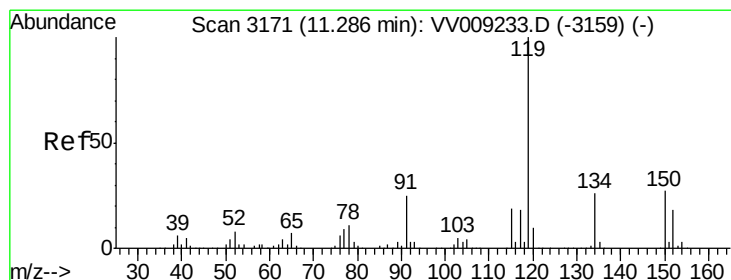
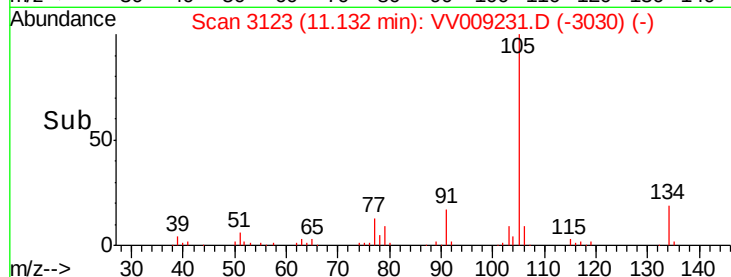
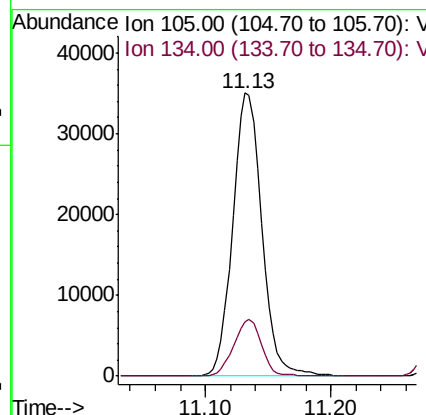
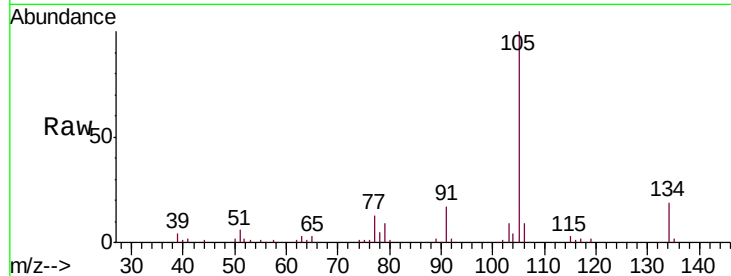




#85
 sec-Butylbenzene
 Concen: 10.691 ug/l
 RT: 11.13 min Scan# 3123
 Delta R.T. 0.00 min
 Lab File: VV009231.D
 Acq: 22 Jan 2019 12:26

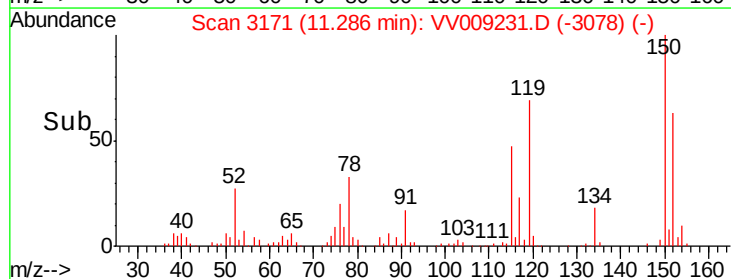
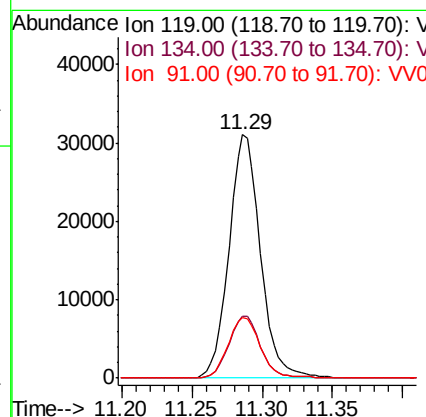
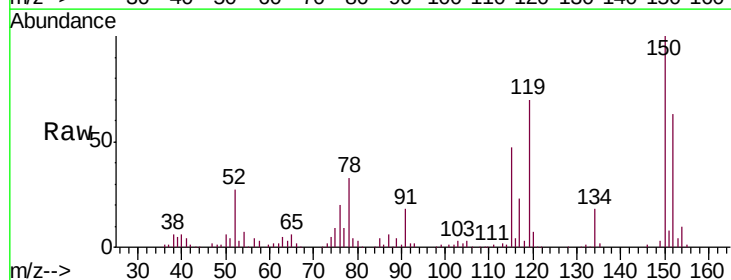
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC010

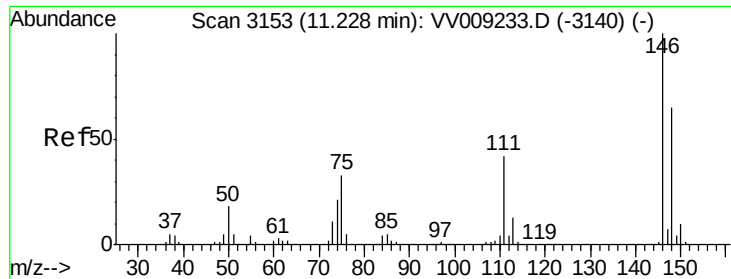
Tgt Ion:105 Resp: 56380
 Ion Ratio Lower Upper
 105 100
 134 19.0 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 10.304 ug/l
 RT: 11.29 min Scan# 3171
 Delta R.T. 0.00 min
 Lab File: VV009231.D
 Acq: 22 Jan 2019 12:26

Tgt Ion:119 Resp: 48178
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.0 38.9
 91 25.7 12.4 37.2

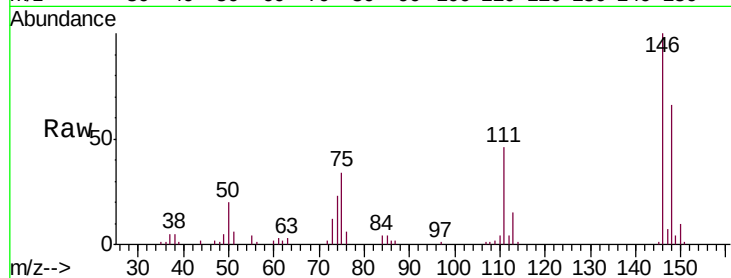




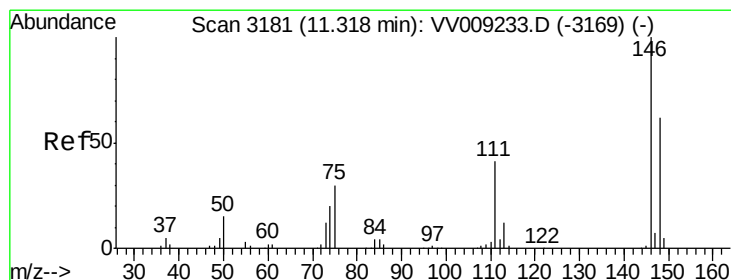
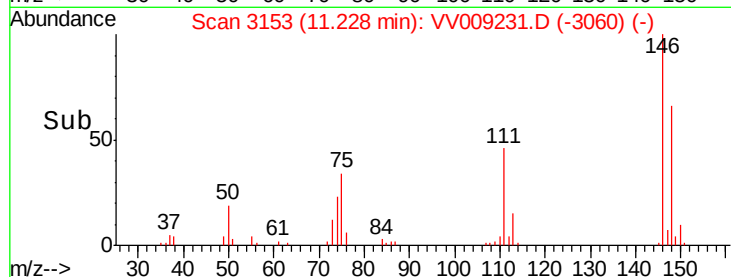
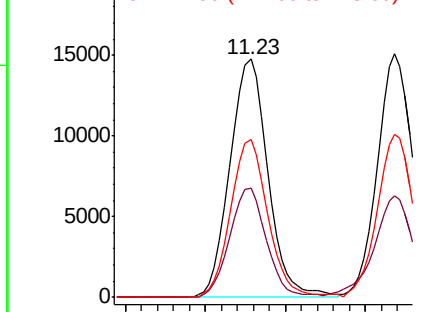
#87
 1,3-Dichlorobenzene
 Concen: 10.345 ug/l
 RT: 11.23 min Scan# 3153
 Delta R.T. 0.00 min
 Lab File: VV009231.D
 Acq: 22 Jan 2019 12:26

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC010

Tgt Ion:146 Resp: 23896
 Ion Ratio Lower Upper
 146 100
 111 44.1 21.1 63.4
 148 64.4 32.1 96.3

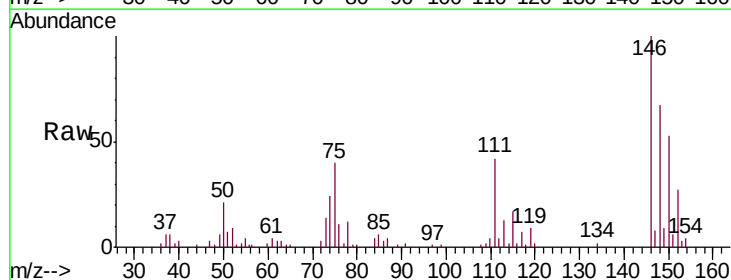


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

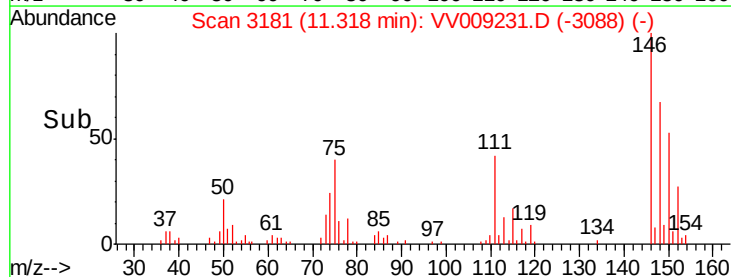
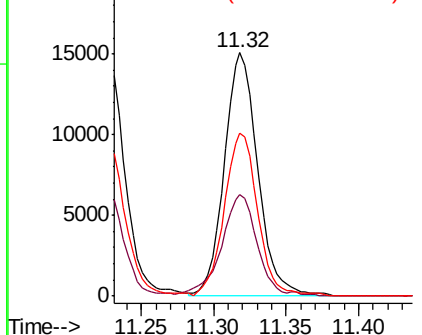


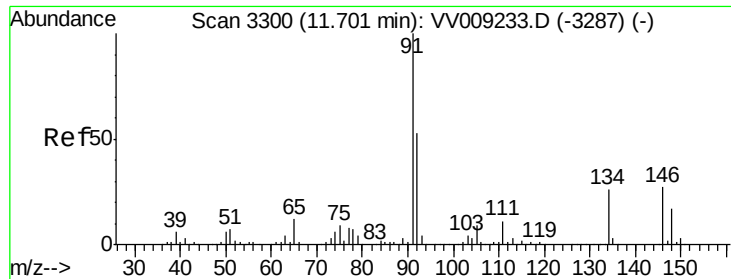
#88
 1,4-Dichlorobenzene
 Concen: 10.355 ug/l
 RT: 11.32 min Scan# 3181
 Delta R.T. 0.00 min
 Lab File: VV009231.D
 Acq: 22 Jan 2019 12:26

Tgt Ion:146 Resp: 24272
 Ion Ratio Lower Upper
 146 100
 111 44.8 20.5 61.5
 148 66.2 31.4 94.3



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





#89

n-Butylbenzene

Concen: 10.129 ug/l

RT: 11.70 min Scan# 3300

Delta R.T. 0.00 min

Lab File: VV009231.D

Acq: 22 Jan 2019 12:26

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC010

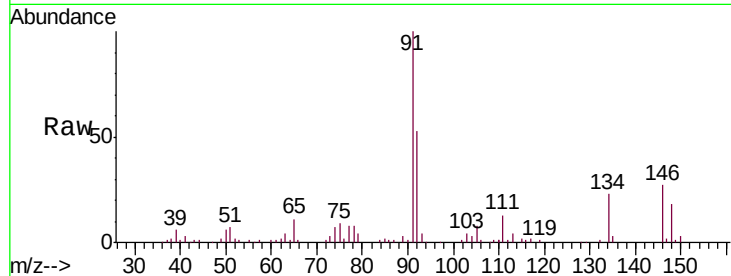
Tgt Ion: 91 Resp: 46644

Ion Ratio Lower Upper

91 100

92 52.8 27.2 81.5

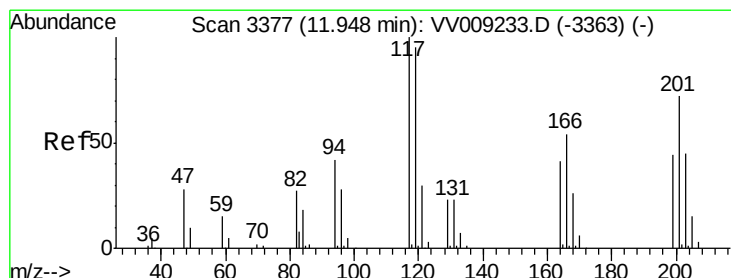
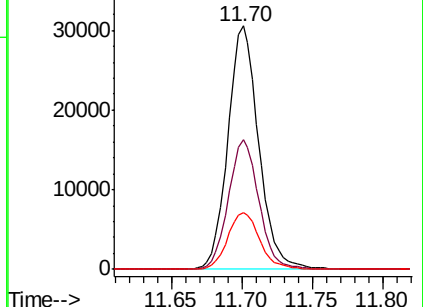
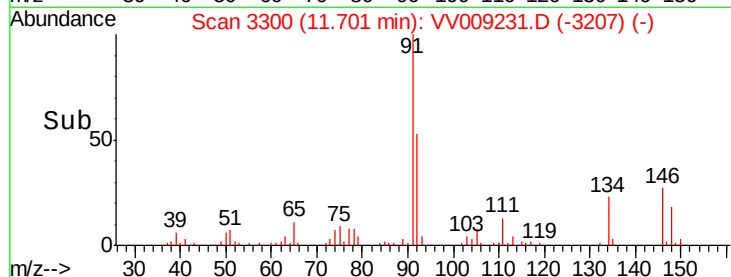
134 24.4 12.6 37.8



Abundance Ion 91.00 (90.70 to 91.70): VV009231.D (-3287) (-)

Ion 92.00 (91.70 to 92.70): VV009231.D (-3287) (-)

Ion 134.00 (133.70 to 134.70): VV009231.D (-3287) (-)



#90

Hexachloroethane

Concen: 10.060 ug/l

RT: 11.95 min Scan# 3377

Delta R.T. 0.00 min

Lab File: VV009231.D

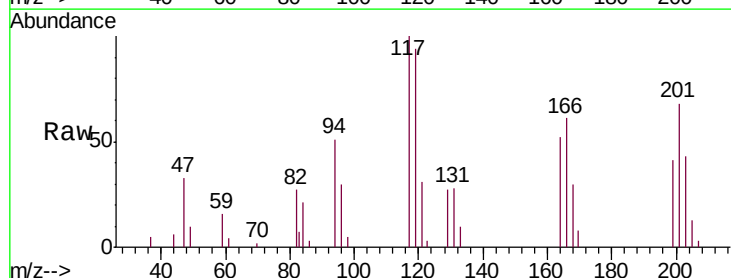
Acq: 22 Jan 2019 12:26

Tgt Ion: 117 Resp: 8484

Ion Ratio Lower Upper

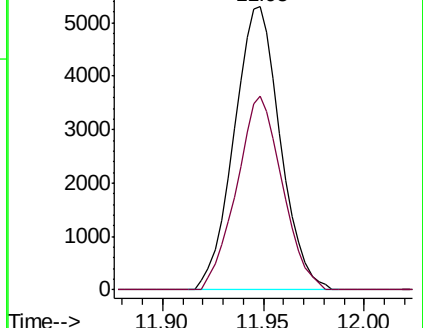
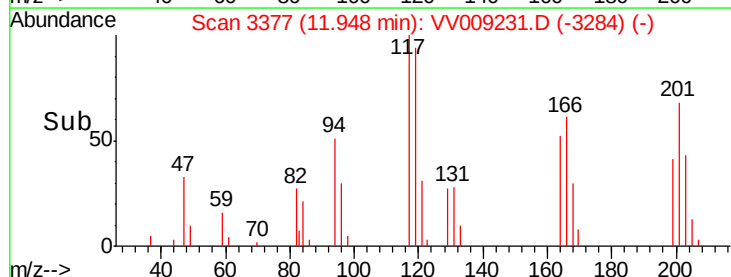
117 100

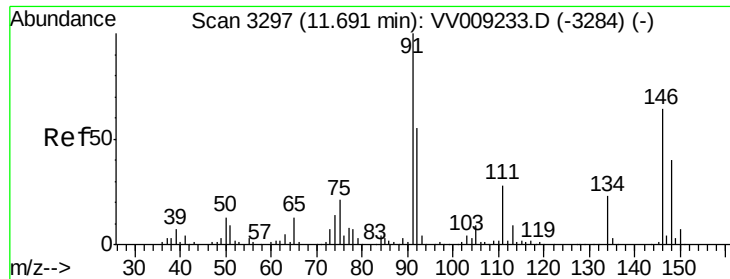
201 67.8 35.2 105.6



Abundance Ion 116.80 (116.50 to 117.50): VV009231.D (-3284) (-)

Ion 200.70 (200.40 to 201.40): VV009231.D (-3284) (-)

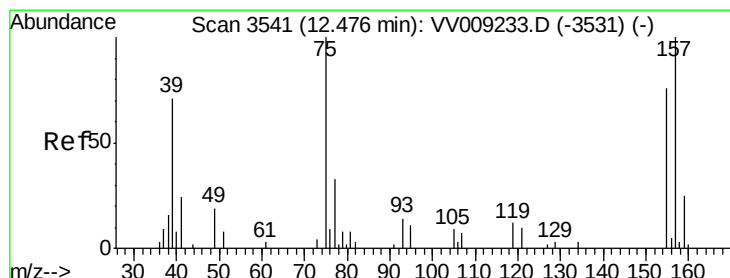
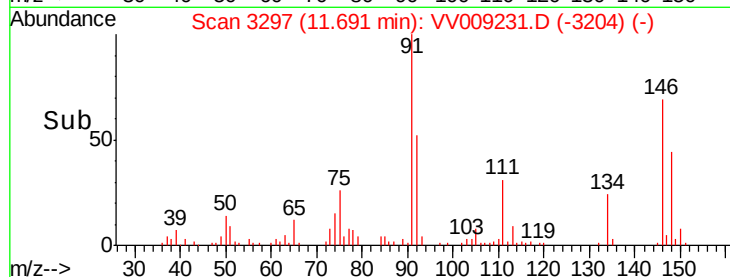
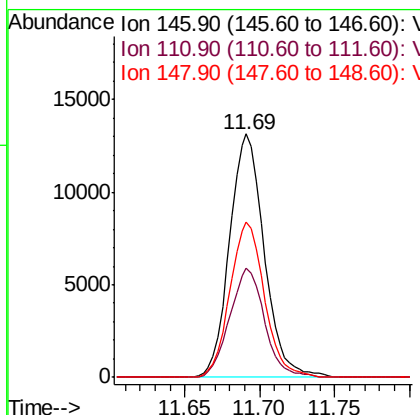
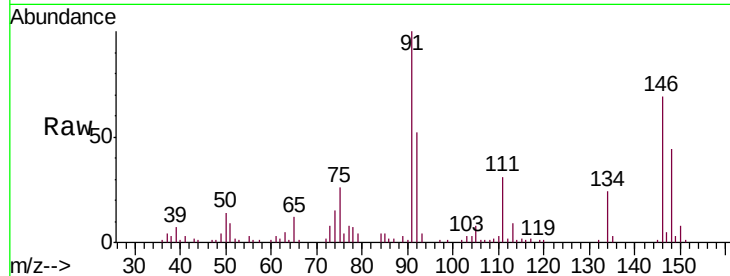




#91
 1,2-Dichlorobenzene
 Concen: 10.254 ug/l
 RT: 11.69 min Scan# 3297
 Delta R.T. 0.00 min
 Lab File: VV009231.D
 Acq: 22 Jan 2019 12:26

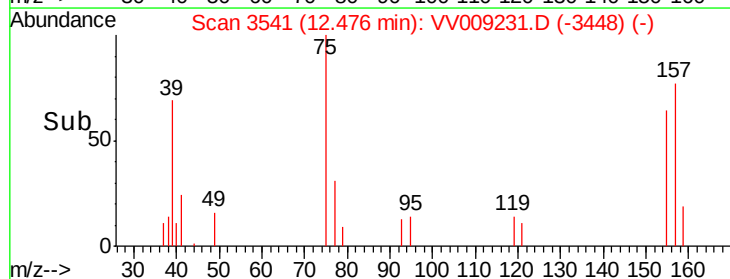
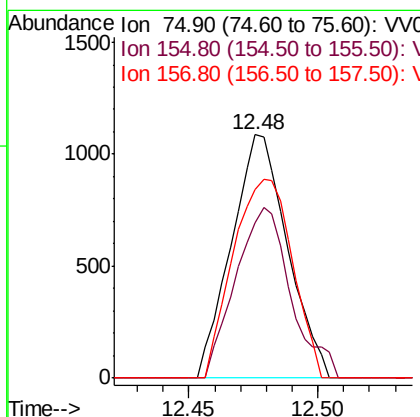
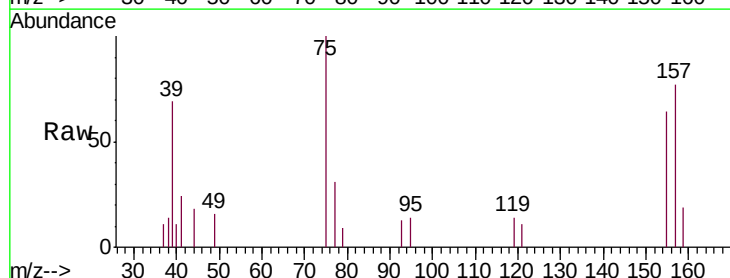
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC010

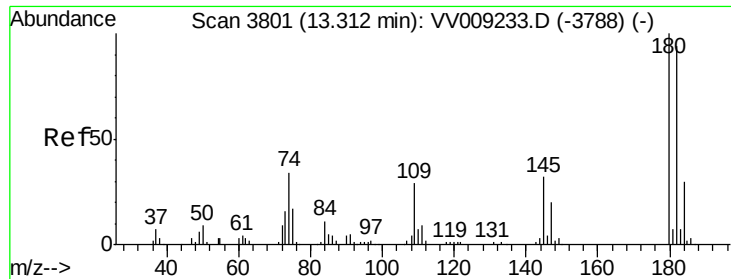
Tgt Ion: 146 Resp: 21181
 Ion Ratio Lower Upper
 146 100
 111 45.0 21.9 65.8
 148 63.7 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 10.376 ug/l
 RT: 12.48 min Scan# 3541
 Delta R.T. 0.00 min
 Lab File: VV009231.D
 Acq: 22 Jan 2019 12:26

Tgt Ion: 75 Resp: 1639
 Ion Ratio Lower Upper
 75 100
 155 69.2 38.0 114.0
 157 86.6 50.8 152.4

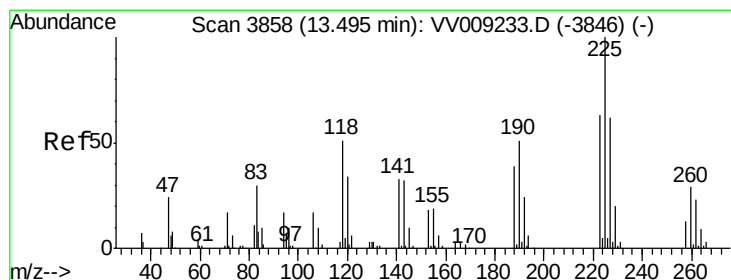
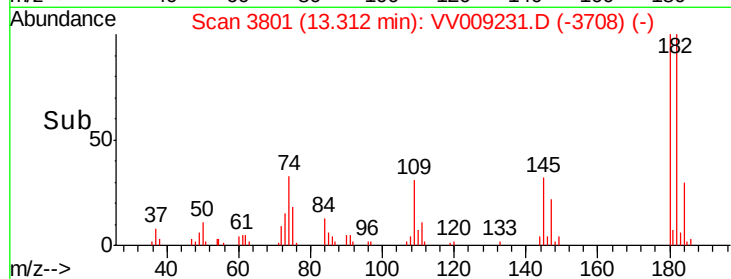
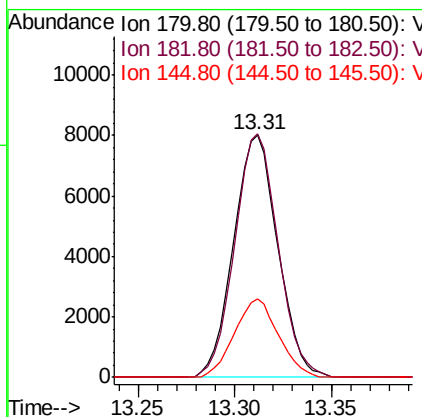
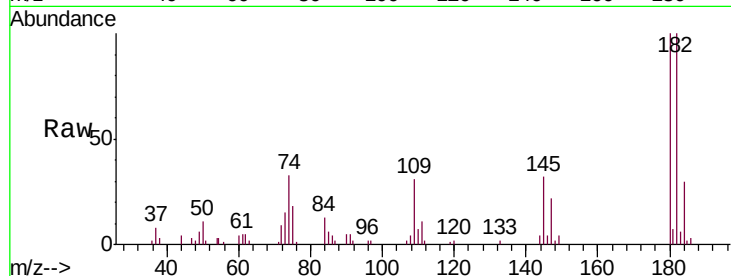




#93
 1,2,4-Trichlorobenzene
 Concen: 9.018 ug/l
 RT: 13.31 min Scan# 3801
 Delta R.T. 0.00 min
 Lab File: VV009231.D
 Acq: 22 Jan 2019 12:26

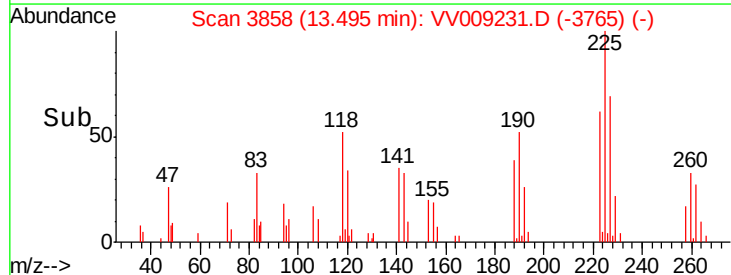
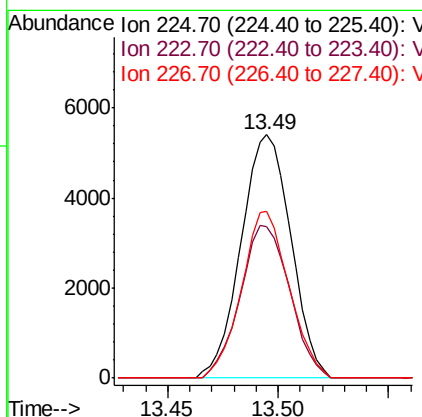
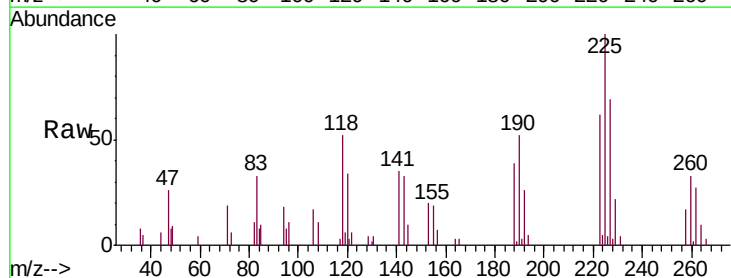
Instrument :
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 VSTDIC010

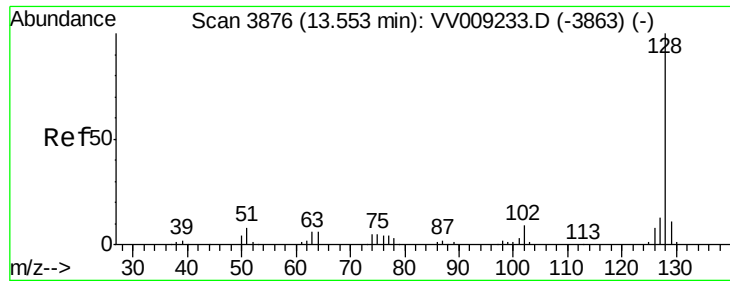
Tgt Ion:180 Resp: 12704
 Ion Ratio Lower Upper
 180 100
 182 98.9 47.1 141.4
 145 32.3 16.0 48.0



#94
 Hexachlorobutadiene
 Concen: 10.631 ug/l
 RT: 13.49 min Scan# 3858
 Delta R.T. 0.00 min
 Lab File: VV009231.D
 Acq: 22 Jan 2019 12:26

Tgt Ion:225 Resp: 8456
 Ion Ratio Lower Upper
 225 100
 223 62.2 31.7 95.1
 227 65.3 31.6 95.0

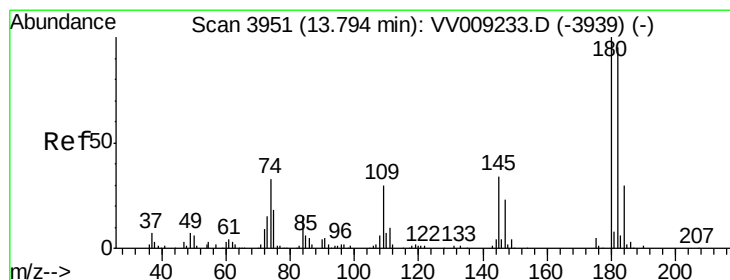
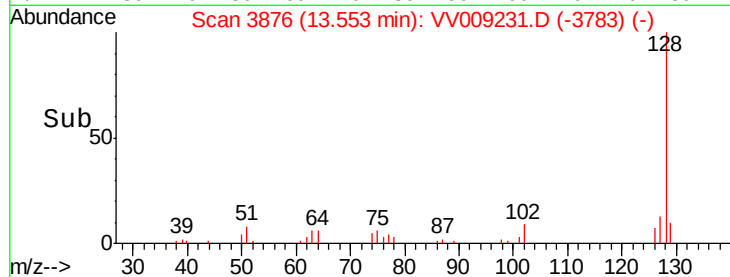
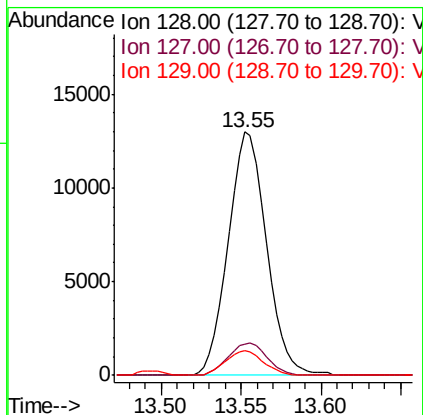
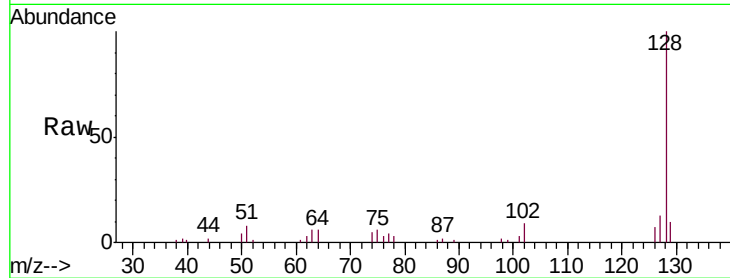




#95
Naphthalene
Concen: 8.558 ug/l
RT: 13.55 min Scan# 3876
Delta R.T. 0.00 min
Lab File: VV009231.D
Acq: 22 Jan 2019 12:26

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

Tgt Ion:128 Resp: 21157
Ion Ratio Lower Upper
128 100
127 13.4 10.7 16.1
129 10.1 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 9.389 ug/l
RT: 13.79 min Scan# 3951
Delta R.T. 0.00 min
Lab File: VV009231.D
Acq: 22 Jan 2019 12:26

Tgt Ion:180 Resp: 11227
Ion Ratio Lower Upper
180 100
182 95.9 47.4 142.2
145 34.3 17.2 51.5

