

Data File : VV009345.D
Acq On : 25 Feb 2019 11:17
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD02579

Quant Time: Feb 26 02:46:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022019S.M
Quant Title : VOC Analysis
QLast Update : Sat Feb 23 00:37:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	119203	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	108240	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	52616	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	35246	22.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.88%
7) Chloroethane-d5	1.57	69	40300	21.48	ug/L	-0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.92%
10) 1,1-Dichloroethene-d2	2.13	63	99251	25.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	101.80%
20) 2-Butanone-d5	3.94	46	25105	45.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.46%
24) Chloroform-d	4.40	84	64613	23.34	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.36%
26) 1,2-Dichloroethane-d4	5.08	65	34738	23.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.56%
29) Benzene-d6	5.10	84	133176	24.53	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.12%
33) 1,2-Dichloropropane-d6	6.12	67	40970	25.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.56%
37) Toluene-d8	7.36	98	125637	24.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.28%
38) trans-1,3-Dichloropropene-	7.66	79	18524	22.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.32%
39) 2-Hexanone-d5	8.14	63	21353	48.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.10%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	42648	24.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.68%
61) 1,2-Dichlorobenzene-d4	11.67	152	46064	23.84	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.36%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	28156	20.237 ug/L	94
3) Chloromethane	1.25	50	45695	26.882 ug/L	99
5) Vinyl chloride	1.32	62	49328	25.590 ug/L	99
6) Bromomethane	1.52	94	48430	26.998 ug/L	100
8) Chloroethane	1.59	64	34726	21.343 ug/L	98
9) Trichlorofluoromethane	1.76	101	94099	25.930 ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	2.13	101	55358	26.674 ug/L	98
12) 1,1-Dichloroethene	2.14	96	46790	26.753 ug/L	95
13) Acetone	2.20	43	27204	50.141 ug/L	96
14) Carbon disulfide	2.31	76	116635	24.922 ug/L	99
15) Methyl Acetate	2.46	43	19932	25.195 ug/L	97
16) Methylene chloride	2.53	84	37678	20.895 ug/L	98
17) Methyl tert-butyl Ether	2.81	73	87521	22.592 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	37059	23.521 ug/L	95
19) 1,1-Dichloroethane	3.23	63	63436	24.240 ug/L	100
21) 2-Butanone	4.02	43	32800	52.771 ug/L	96
22) cis-1,2-Dichloroethene	3.96	96	41961	24.380 ug/L	99

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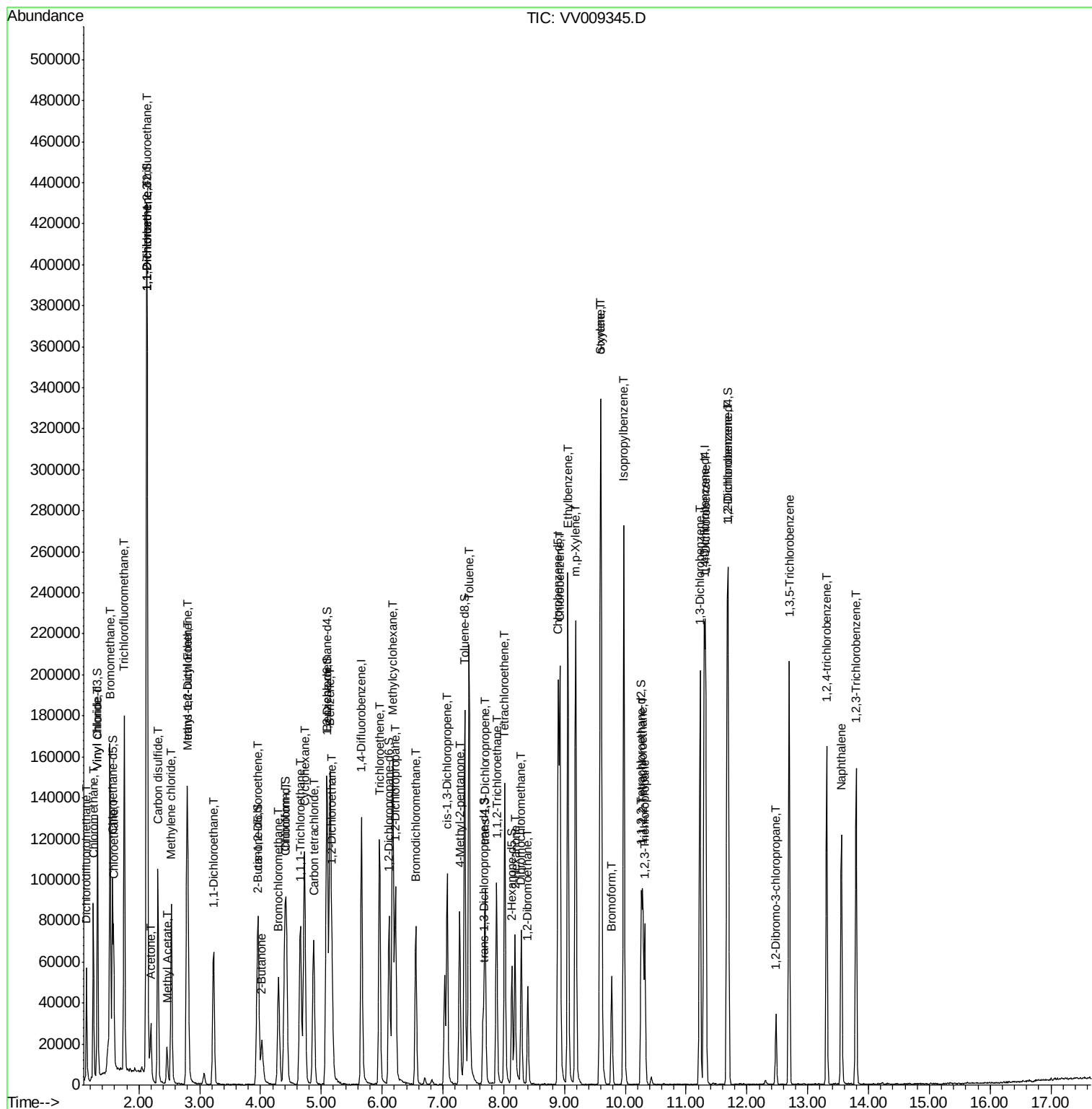
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	18467	23.445	ug/L	95
25) Chloroform	4.42	83	66540	23.895	ug/L	97
27) 1,2-Dichloroethane	5.18	62	45051	23.891	ug/L	99
30) Cyclohexane	4.72	56	63808	25.431	ug/L	96
31) 1,1,1-Trichloroethane	4.66	97	59459	24.324	ug/L	98
32) Carbon tetrachloride	4.87	117	49834	24.125	ug/L	99
34) Benzene	5.14	78	150762	25.473	ug/L	100
35) Trichloroethene	5.96	95	39674	24.100	ug/L	98
36) Methylcyclohexane	6.17	83	68970	23.952	ug/L	98
40) 1,2-Dichloropropane	6.22	63	35494	24.709	ug/L	99
41) Bromodichloromethane	6.55	83	49370	24.133	ug/L	96
42) cis-1,3-Dichloropropene	7.07	75	61066	25.050	ug/L	99
43) 4-Methyl-2-pentanone	7.27	43	56142	46.559	ug/L	98
44) Toluene	7.43	91	167228	25.476	ug/L	99
45) trans-1,3-Dichloropropene	7.69	75	52147	24.428	ug/L	99
46) 1,1,2-Trichloroethane	7.88	97	30547	23.881	ug/L	97
47) Tetrachloroethene	8.02	164	32310	25.113	ug/L	93
49) 2-Hexanone	8.19	43	44247	47.713	ug/L	96
50) Dibromochloromethane	8.29	129	36150	23.438	ug/L	100
51) 1,2-Dibromoethane	8.40	107	30144	23.496	ug/L	96
52) Chlorobenzene	8.93	112	105829	24.760	ug/L	98
53) Ethylbenzene	9.05	91	181335	24.453	ug/L	100
54) m,p-Xylene	9.18	106	70706	24.436	ug/L	97
55) o-xylene	9.59	106	67302	24.780	ug/L	99
56) Styrene	9.60	104	114510	24.569	ug/L	98
57) Isopropylbenzene	9.97	105	182732	24.304	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	43396	24.041	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	30158	23.315	ug/L	99
62) Bromoform	9.78	173	21996	22.612	ug/L #	97
63) 1,3-Dichlorobenzene	11.23	146	81171	24.016	ug/L	97
64) 1,4-Dichlorobenzene	11.32	146	80724	23.960	ug/L	96
65) 1,2-Dichlorobenzene	11.69	146	76670	24.192	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	7323	20.806	ug/L	88
67) 1,3,5-Trichlorobenzene	12.69	180	59236	24.220	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	46505	23.304	ug/L	99
69) Naphthalene	13.55	128	96537	22.570	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	42572	23.116	ug/L	98

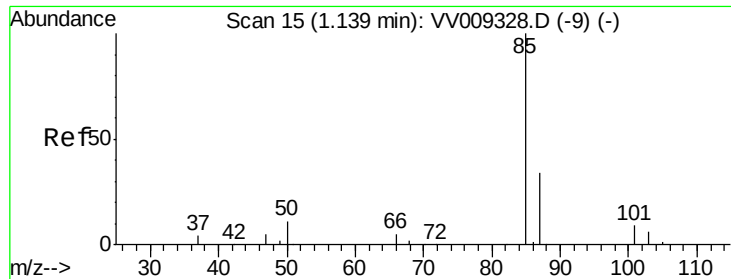
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 20.237 ug/L

RT: 1.14 min Scan# 15

Delta R.T. -0.00 min

Lab File: VV009345.D

Acq: 25 Feb 2019 11:17

Instrument :

MSVOA_V

ClientSampleId :

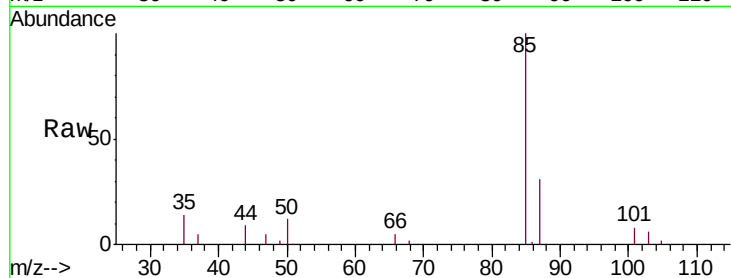
VSTD02579

Tgt Ion: 85 Resp: 28156

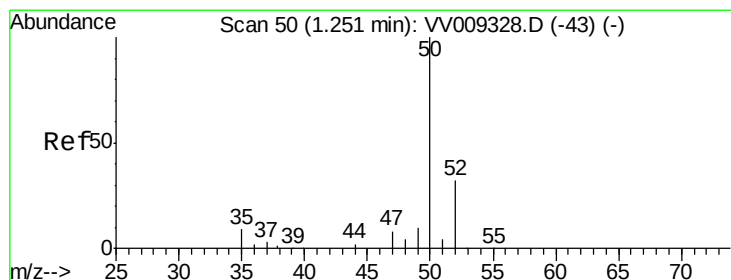
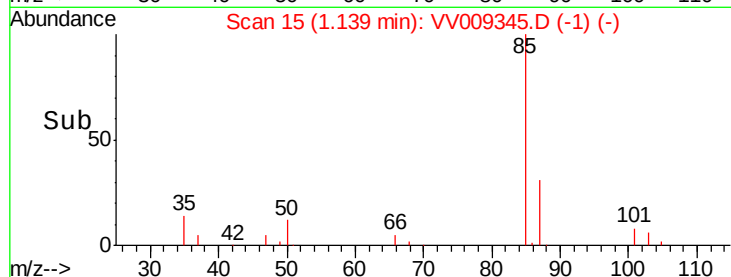
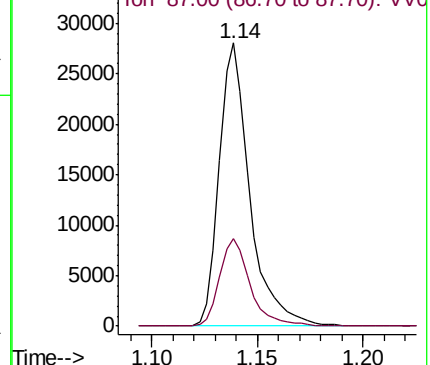
Ion Ratio Lower Upper

85 100

87 30.9 24.2 45.0



Abundance Ion 85.00 (84.70 to 85.70): VV009328.D (-9) (-)



#3

Chloromethane

Concen: 26.882 ug/L

RT: 1.25 min Scan# 50

Delta R.T. -0.00 min

Lab File: VV009345.D

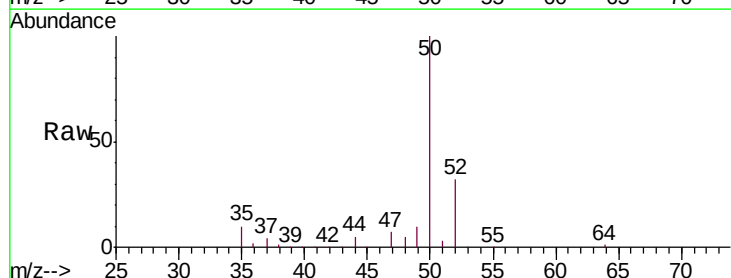
Acq: 25 Feb 2019 11:17

Tgt Ion: 50 Resp: 45695

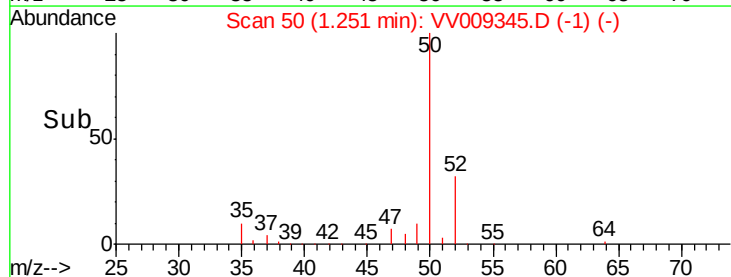
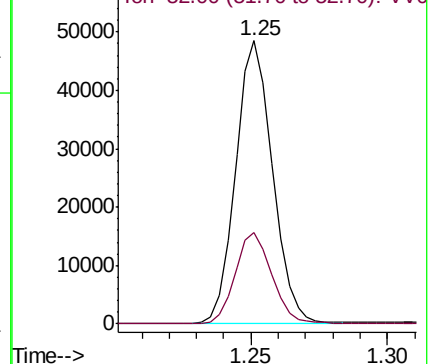
Ion Ratio Lower Upper

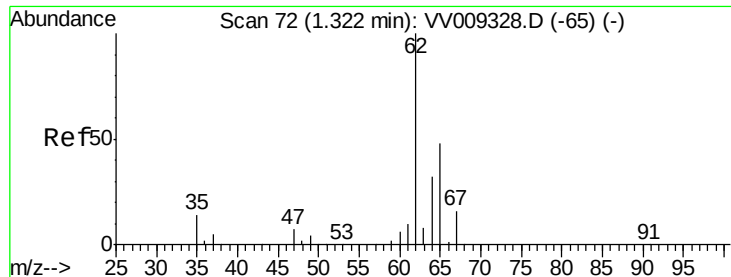
50 100

52 32.3 22.3 41.5



Abundance Ion 50.00 (49.70 to 50.70): VV009328.D (-43) (-)





#5

Vinyl chloride

Concen: 25.590 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VV009345.D

Acq: 25 Feb 2019 11:17

Instrument :

MSVOA_V

ClientSampleId :

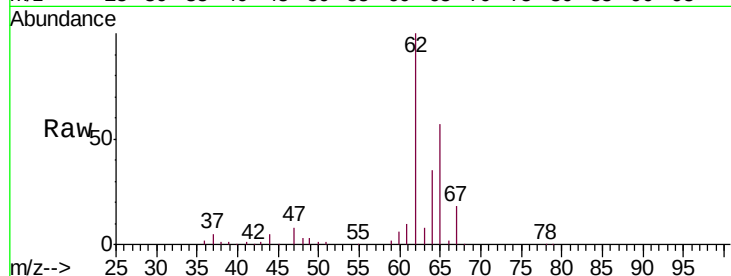
VSTD02579

Tgt Ion: 62 Resp: 49328

Ion Ratio Lower Upper

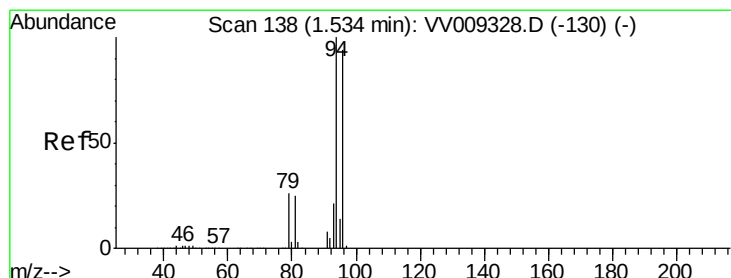
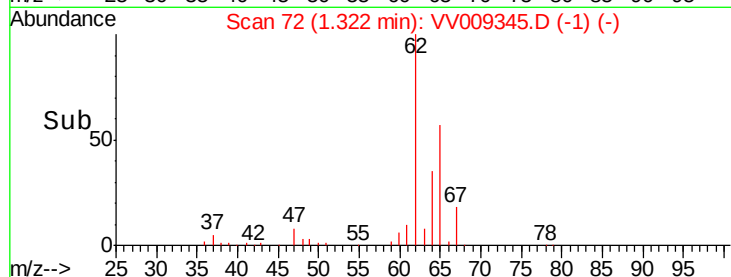
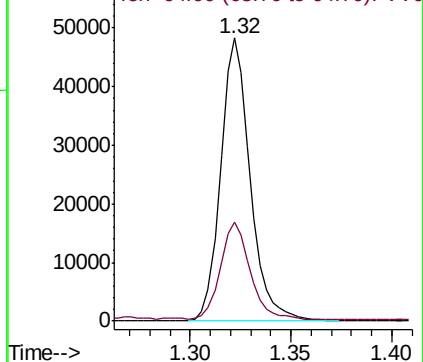
62 100

64 35.1 24.3 45.1



Abundance Ion 62.00 (61.70 to 62.70): VV009328.D (-65) (-)

Ion 64.00 (63.70 to 64.70): VV009345.D (-1) (-)



#6

Bromomethane

Concen: 26.998 ug/L

RT: 1.52 min Scan# 135

Delta R.T. -0.01 min

Lab File: VV009345.D

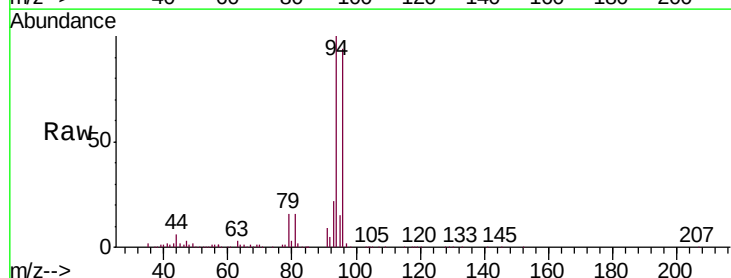
Acq: 25 Feb 2019 11:17

Tgt Ion: 94 Resp: 48430

Ion Ratio Lower Upper

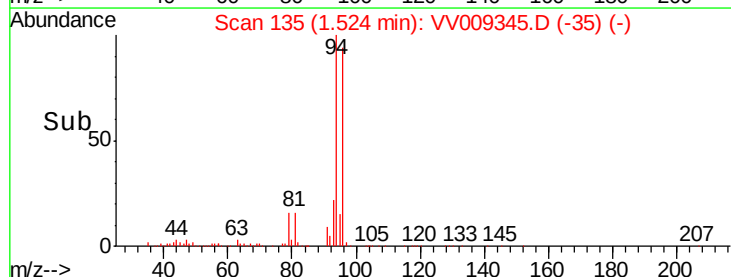
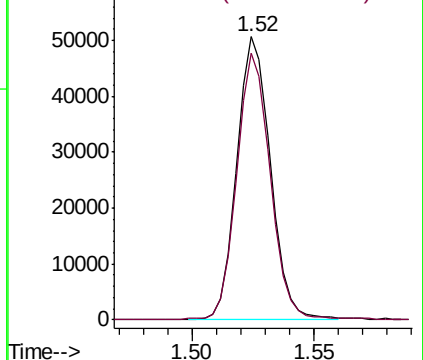
94 100

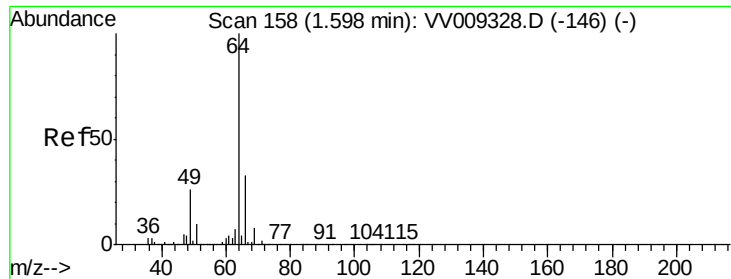
96 94.1 9.4 178.6



Abundance Ion 94.00 (93.70 to 94.70): VV009328.D (-130) (-)

Ion 96.00 (95.70 to 96.70): VV009345.D (-35) (-)

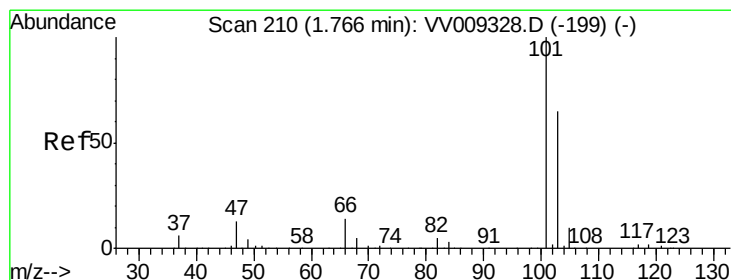
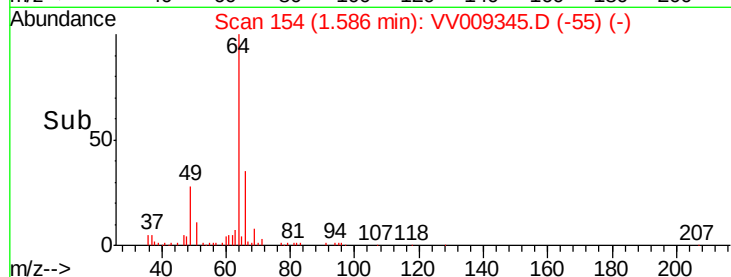
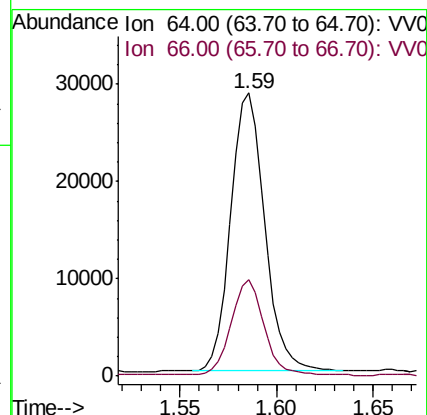
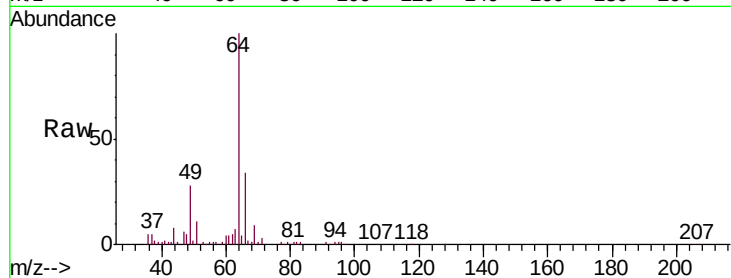




#8
Chloroethane
Concen: 21.343 ug/L
RT: 1.59 min Scan# 154
Delta R.T. -0.01 min
Lab File: VV009345.D
Acq: 25 Feb 2019 11:17

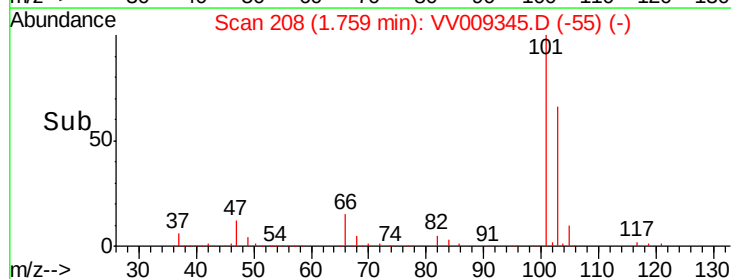
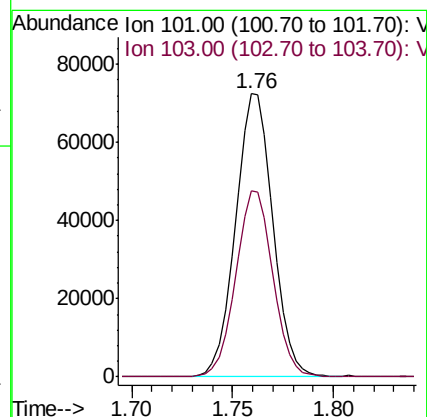
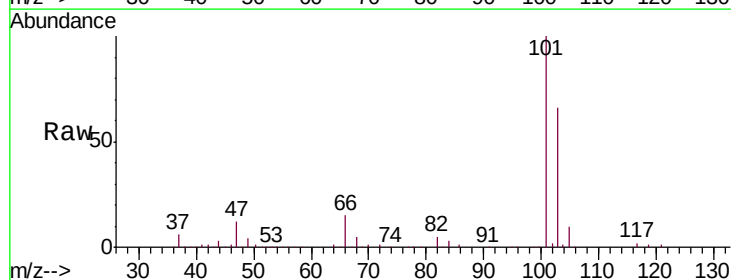
Instrument :
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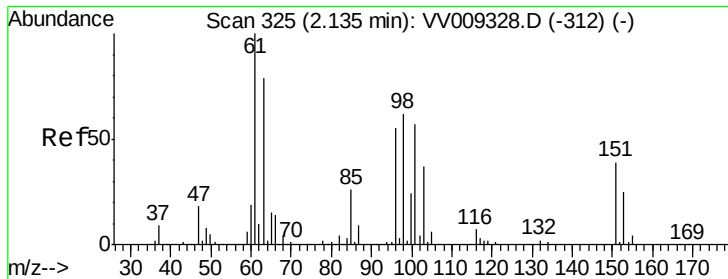
Tgt Ion: 64 Resp: 34726
Ion Ratio Lower Upper
64 100
66 33.9 22.9 42.5



#9
Trichlorofluoromethane
Concen: 25.930 ug/L
RT: 1.76 min Scan# 208
Delta R.T. -0.01 min
Lab File: VV009345.D
Acq: 25 Feb 2019 11:17

Tgt Ion: 101 Resp: 94099
Ion Ratio Lower Upper
101 100
103 65.3 45.4 84.4





#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 26.674 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV009345.D

Acq: 25 Feb 2019 11:17

Instrument :

MSVOA_V

ClientSampleId :

VSTD02579

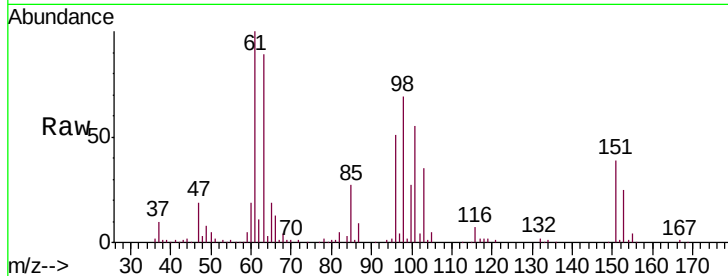
Tgt Ion: 101 Resp: 55358

Ion Ratio Lower Upper

101 100

85 49.3 39.1 58.7

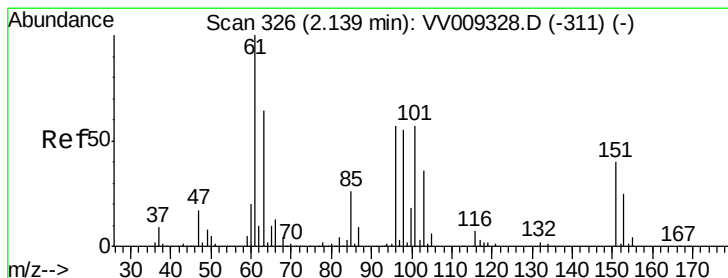
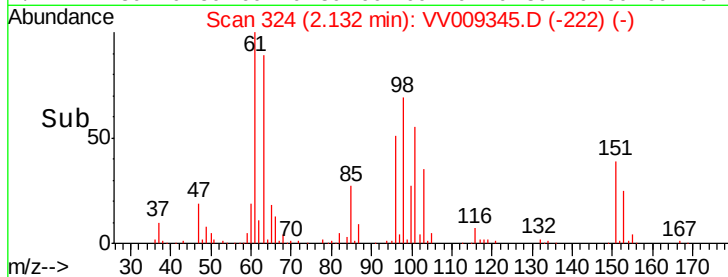
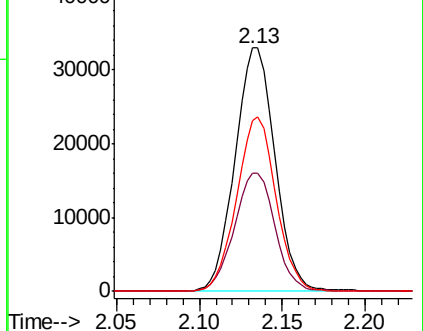
151 70.5 58.5 87.7



Abundance Ion 101.00 (100.70 to 101.70): VV009328.D (-312) (-)

Ion 85.00 (84.70 to 85.70): VV009328.D (-312) (-)

Ion 151.00 (150.70 to 151.70): VV009328.D (-312) (-)



#12

1,1-Dichloroethene

Concen: 26.753 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.00 min

Lab File: VV009345.D

Acq: 25 Feb 2019 11:17

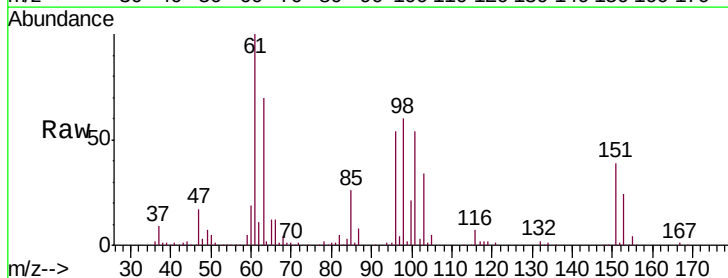
Tgt Ion: 96 Resp: 46790

Ion Ratio Lower Upper

96 100

61 184.7 123.3 228.9

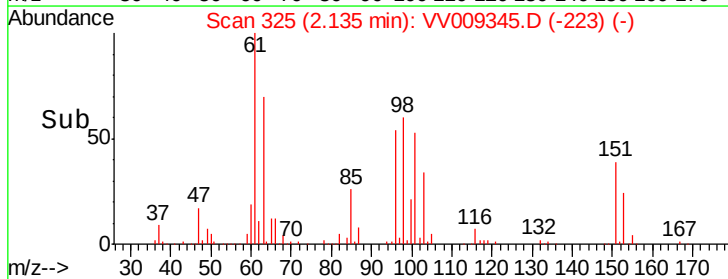
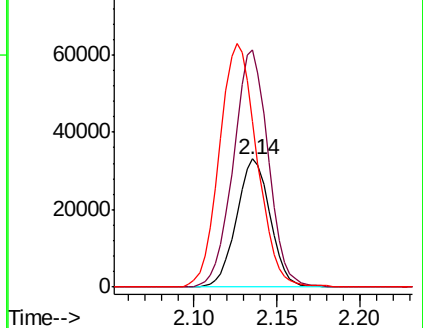
63 129.1 88.4 164.2

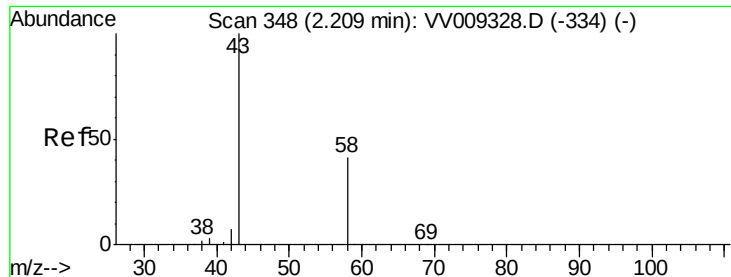


Abundance Ion 96.00 (95.70 to 96.70): VV009345.D (-223) (-)

Ion 61.00 (60.70 to 61.70): VV009345.D (-223) (-)

Ion 63.00 (62.70 to 63.70): VV009345.D (-223) (-)





#13

Acetone

Concen: 50.141 ug/L

RT: 2.20 min Scan# 344

Delta R.T. -0.01 min

Lab File: VV009345.D

Acq: 25 Feb 2019 11:17

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ClientSampleId :

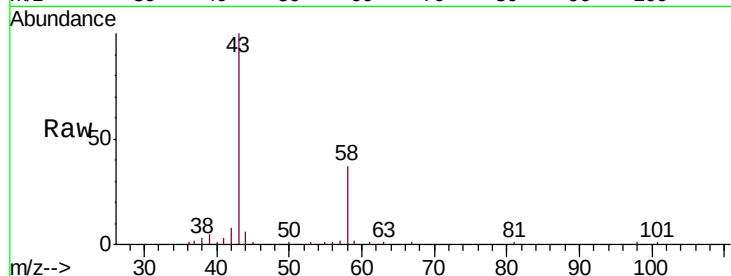
VSTD02579

Tgt Ion: 43 Resp: 27204

Ion Ratio Lower Upper

43 100

58 38.2 0.0 72.0



Abundance Ion 43.00 (42.70 to 43.70): VV009328.D (-334) (-)

Ion 58.00 (57.70 to 58.70): VV009328.D (-334) (-)

2.20

15000

10000

5000

2000

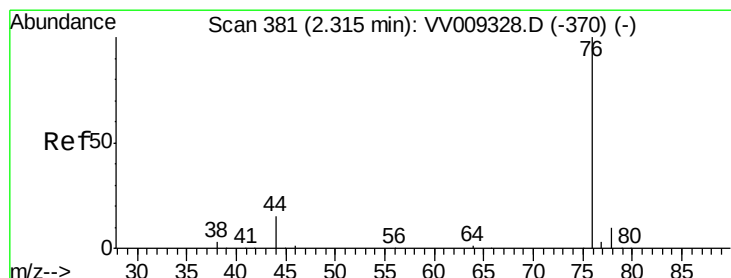
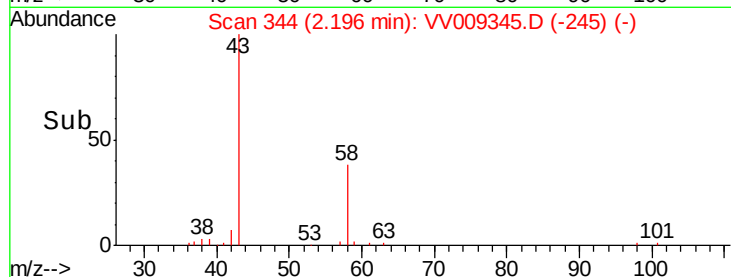
0

2.15

2.20

2.25

Time-->



#14

Carbon disulfide

Concen: 24.922 ug/L

RT: 2.31 min Scan# 380

Delta R.T. -0.00 min

Lab File: VV009345.D

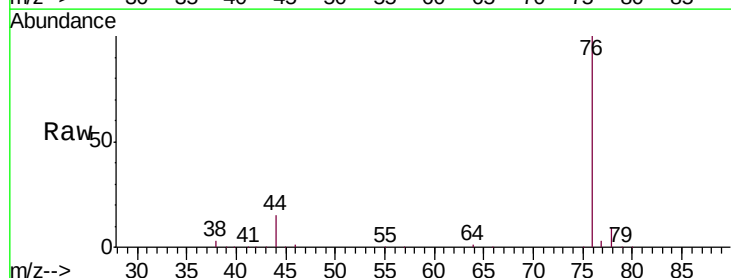
Acq: 25 Feb 2019 11:17

Tgt Ion: 76 Resp: 116635

Ion Ratio Lower Upper

76 100

78 8.8 6.9 10.3



Abundance Ion 76.00 (75.70 to 76.70): VV009328.D (-370) (-)

Ion 78.00 (77.70 to 78.70): VV009328.D (-370) (-)

2.31

80000

60000

40000

20000

0

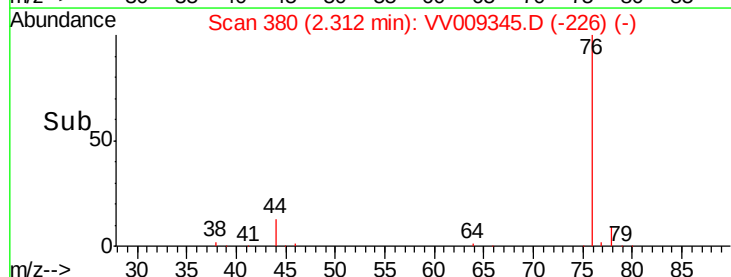
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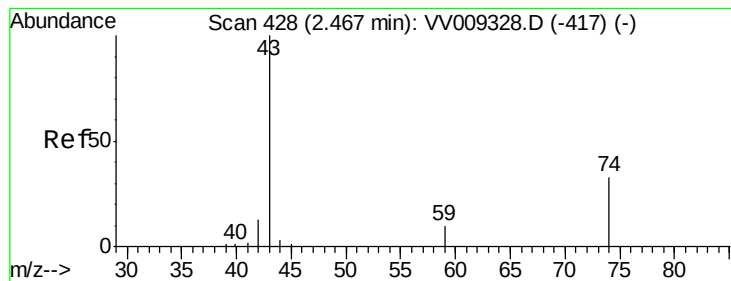
2.30

2.35

2.40

Time-->





#15

Methyl Acetate

Concen: 25.195 ug/L

RT: 2.46 min Scan# 427

Delta R.T. -0.00 min

Lab File: VV009345.D

Acq: 25 Feb 2019 11:17

Instrument :

MSVOA_V

ClientSampleId :

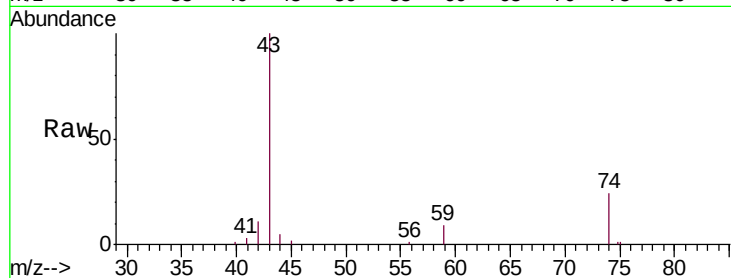
VSTD02579

Tgt Ion: 43 Resp: 19932

Ion Ratio Lower Upper

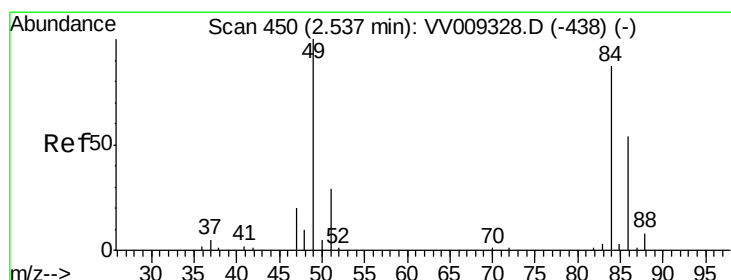
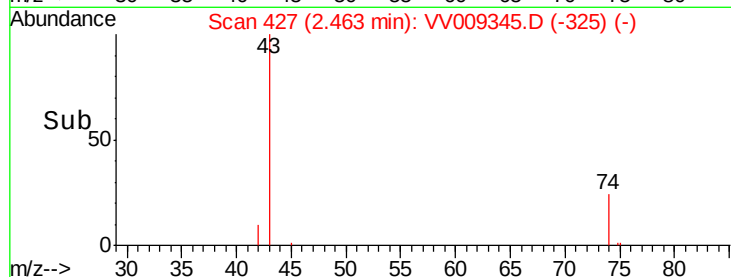
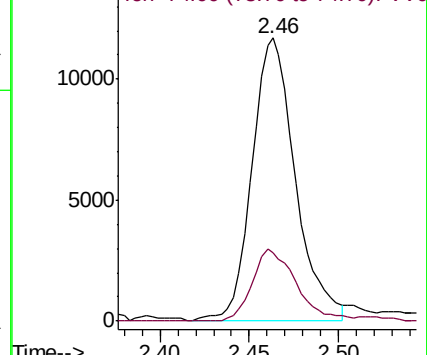
43 100

74 25.6 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VV009328.D (-417) (-)

Ion 74.00 (73.70 to 74.70): VV009328.D (-417) (-)



#16

Methylene chloride

Concen: 20.895 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

Lab File: VV009345.D

Acq: 25 Feb 2019 11:17

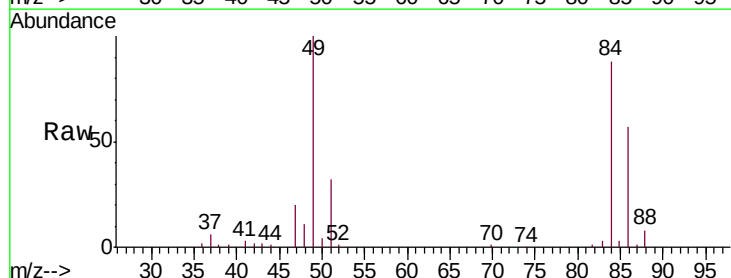
Tgt Ion: 84 Resp: 37678

Ion Ratio Lower Upper

84 100

49 113.4 78.7 146.1

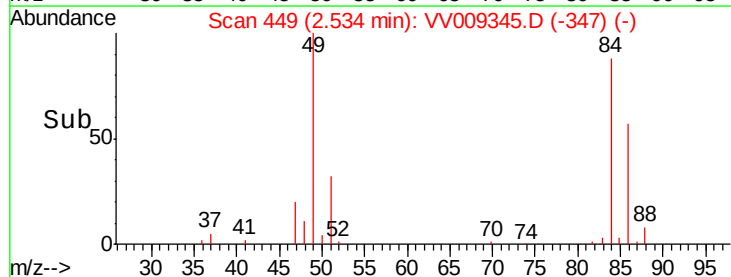
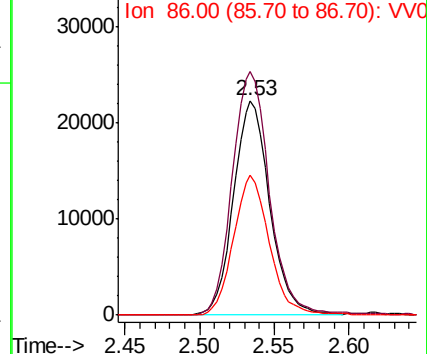
86 65.0 44.0 81.6

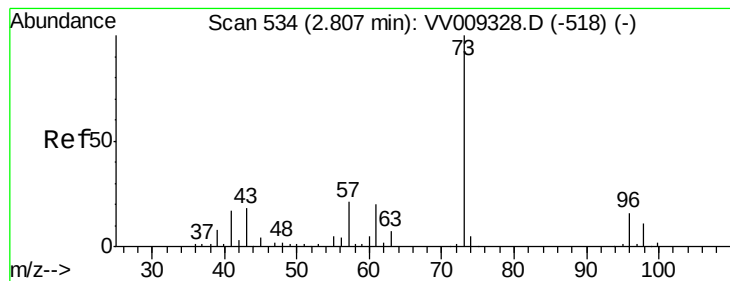


Abundance Ion 84.00 (83.70 to 84.70): VV009328.D (-438) (-)

Ion 49.00 (48.70 to 49.70): VV009328.D (-438) (-)

Ion 86.00 (85.70 to 86.70): VV009328.D (-438) (-)



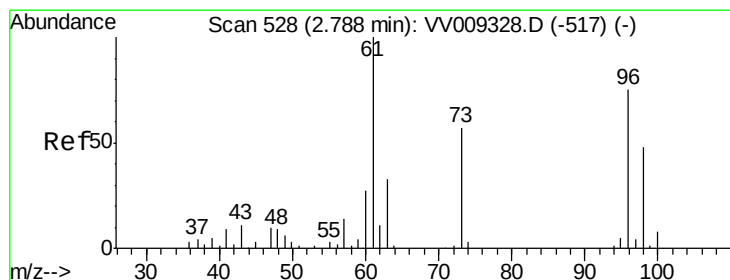
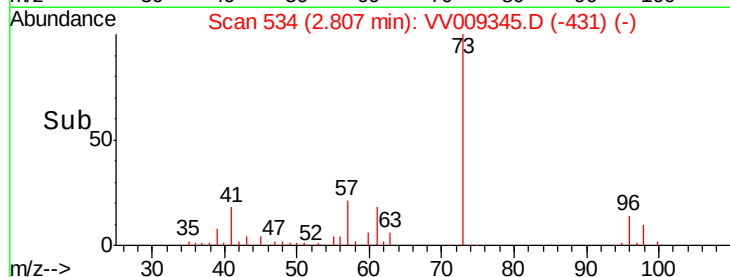
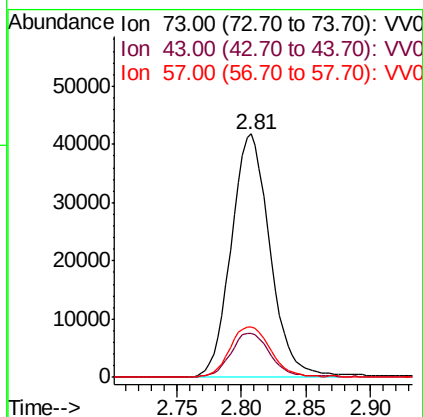
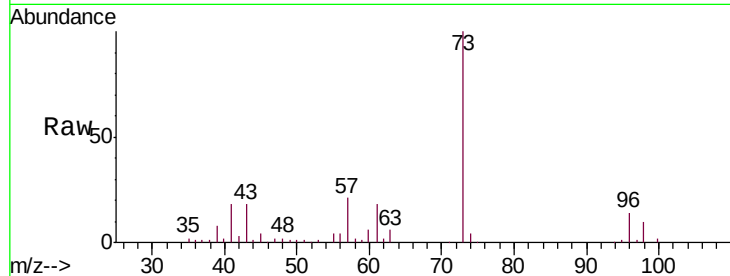


#17

Methyl tert-butyl Ether
 Concen: 22.592 ug/L
 RT: 2.81 min Scan# 534
 Delta R.T. -0.00 min
 Lab File: VV009345.D
 Acq: 25 Feb 2019 11:17

Instrument :
 MSVOA_V
 ClientSampled :
 VSTD02579

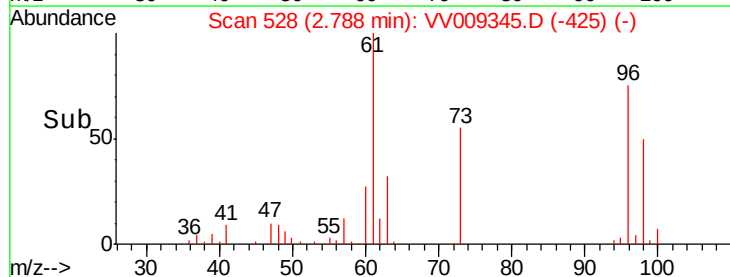
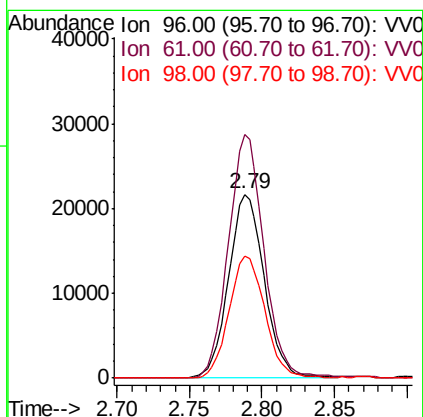
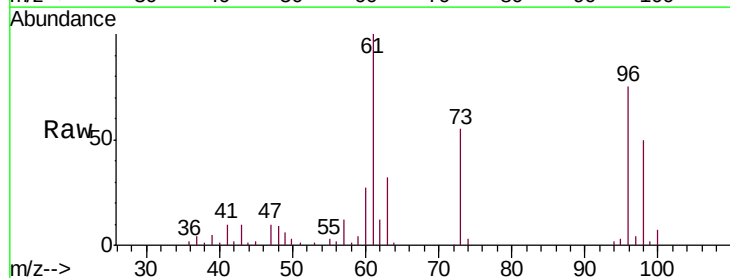
Tgt Ion: 73 Resp: 87521
 Ion Ratio Lower Upper
 73 100
 43 18.1 14.0 21.0
 57 21.8 17.0 25.4

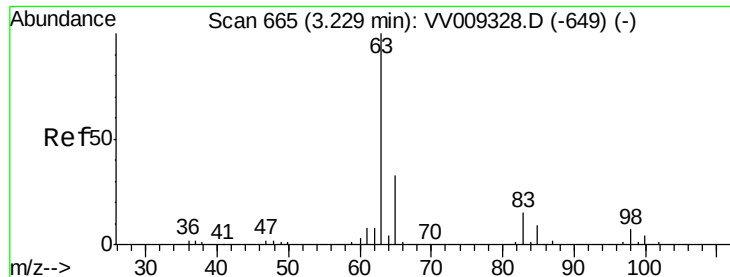


#18

trans-1,2-Dichloroethene
 Concen: 23.521 ug/L
 RT: 2.79 min Scan# 528
 Delta R.T. -0.00 min
 Lab File: VV009345.D
 Acq: 25 Feb 2019 11:17

Tgt Ion: 96 Resp: 37059
 Ion Ratio Lower Upper
 96 100
 61 132.5 88.8 165.0
 98 66.2 43.0 79.8

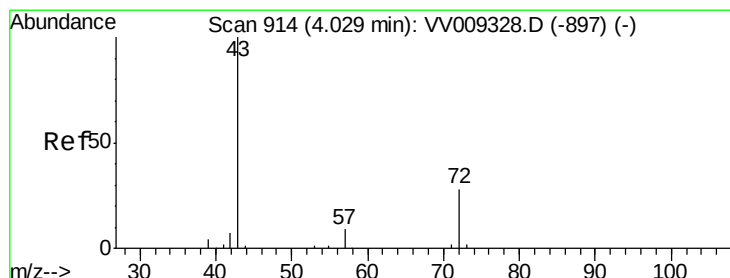
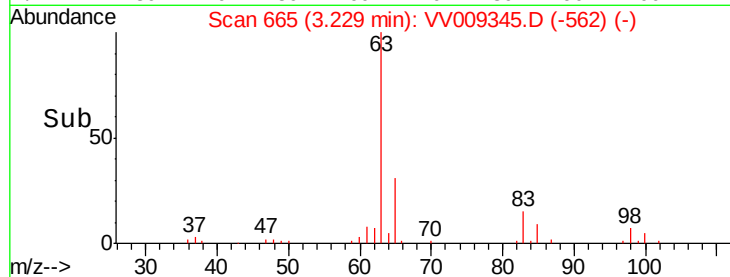
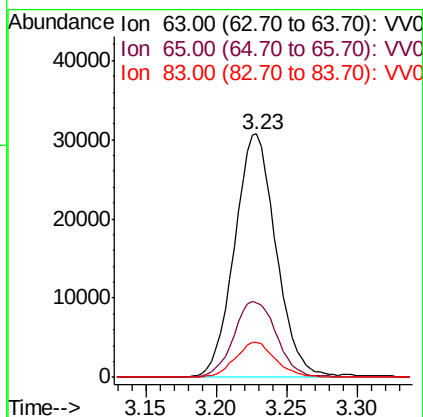
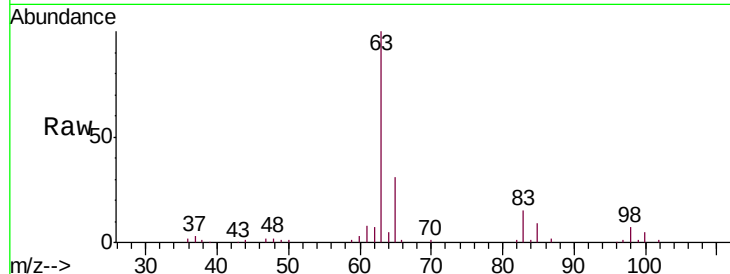




#19
 1,1-Dichloroethane
 Concen: 24.240 ug/L
 RT: 3.23 min Scan# 665
 Delta R.T. -0.00 min
 Lab File: VV009345.D
 Acq: 25 Feb 2019 11:17

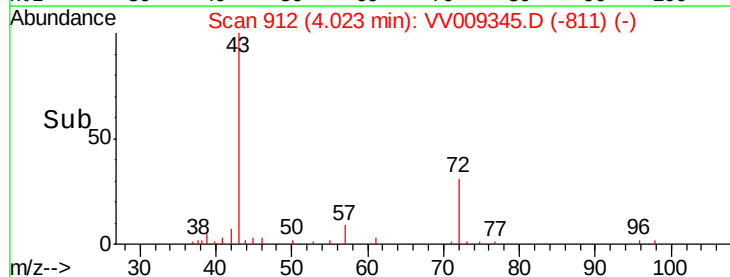
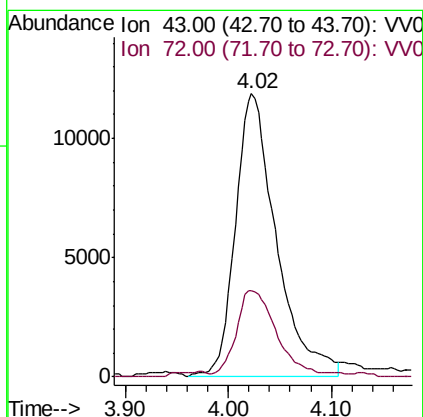
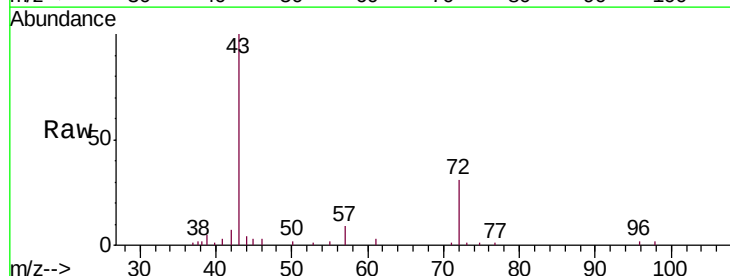
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02579

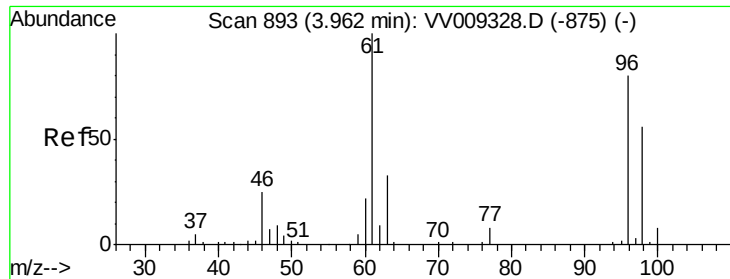
Tgt Ion: 63 Resp: 63436
 Ion Ratio Lower Upper
 63 100
 65 30.7 21.6 40.2
 83 14.6 10.1 18.9



#21
 2-Butanone
 Concen: 52.771 ug/L
 RT: 4.02 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: VV009345.D
 Acq: 25 Feb 2019 11:17

Tgt Ion: 43 Resp: 32800
 Ion Ratio Lower Upper
 43 100
 72 28.5 15.4 46.2



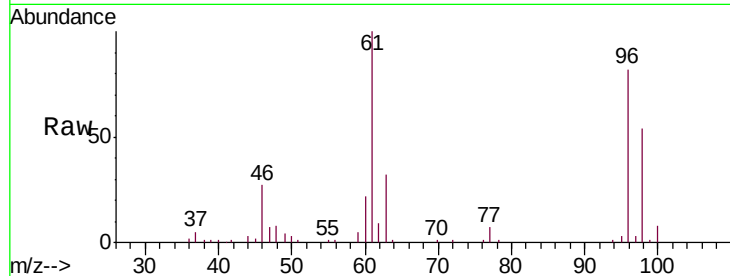


#22

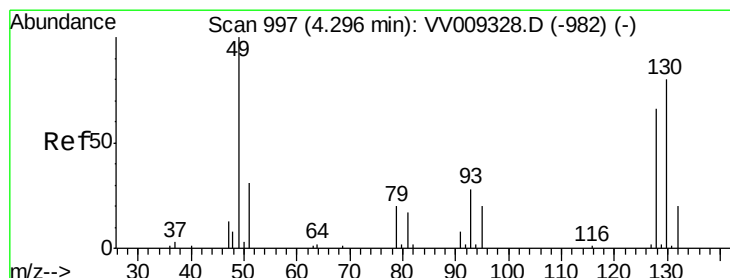
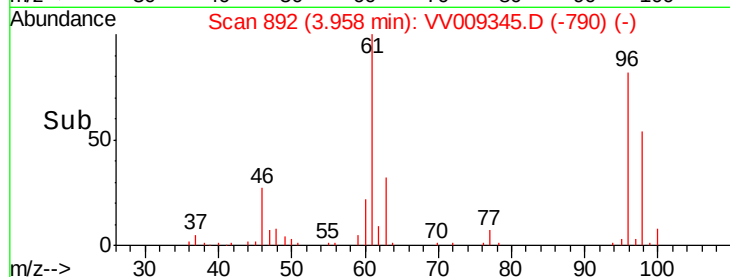
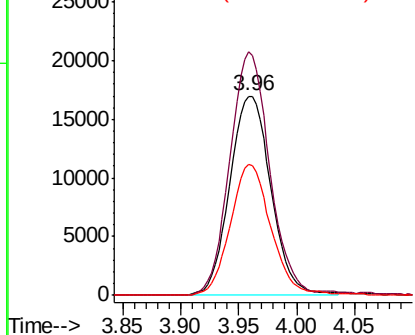
cis-1,2-Dichloroethene
Concen: 24.380 ug/L
RT: 3.96 min Scan# 892
Delta R.T. -0.00 min
Lab File: VV009345.D
Acq: 25 Feb 2019 11:17

Instrument :
MSVOA_V
ClientSampled :
VSTD02579

Tgt Ion: 96 Resp: 41961
Ion Ratio Lower Upper
96 100
61 122.2 86.2 160.0
98 65.7 46.8 87.0



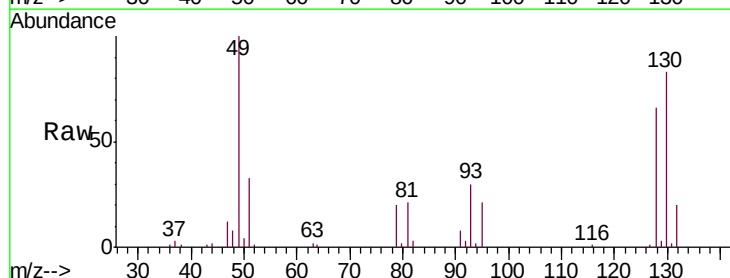
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 98.00 (97.70 to 98.70): VV0



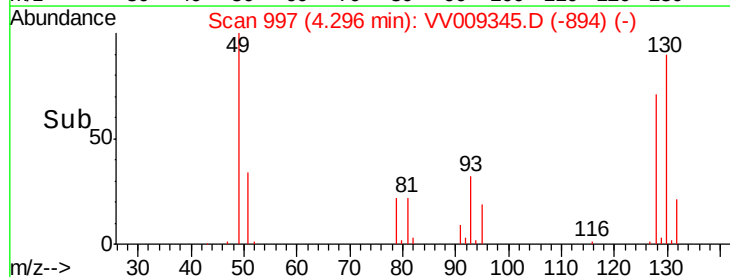
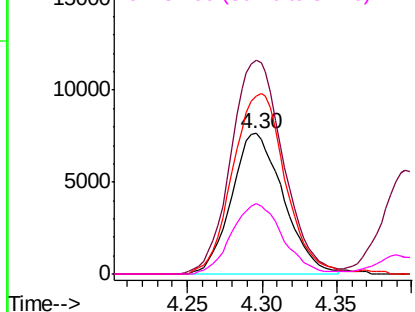
#23

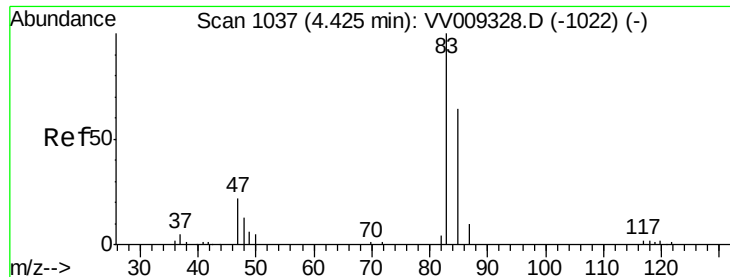
Bromochloromethane
Concen: 23.445 ug/L
RT: 4.30 min Scan# 997
Delta R.T. -0.00 min
Lab File: VV009345.D
Acq: 25 Feb 2019 11:17

Tgt Ion: 128 Resp: 18467
Ion Ratio Lower Upper
128 100
49 151.7 103.0 191.4
130 126.6 93.3 173.3
51 50.1 36.5 54.7



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VV0
Ion 130.00 (129.70 to 130.70): V
Ion 51.00 (50.70 to 51.70): VV0

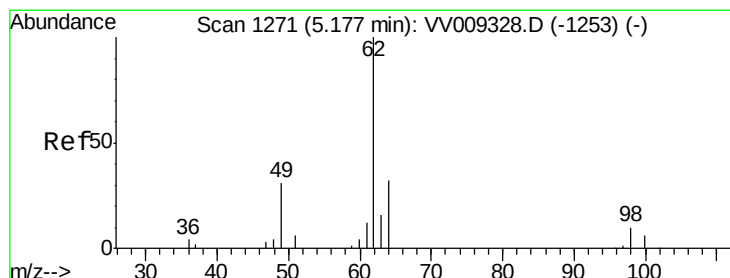
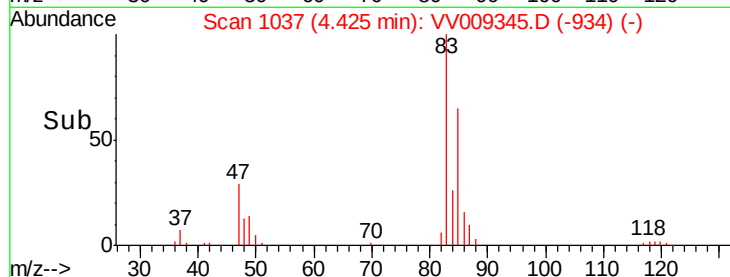
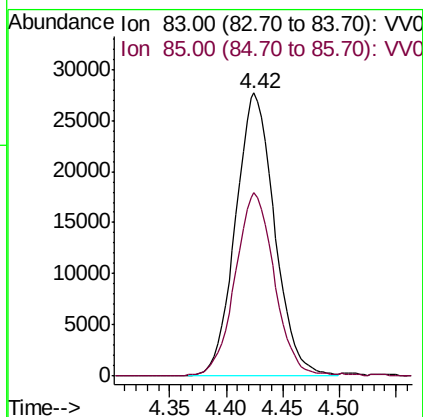
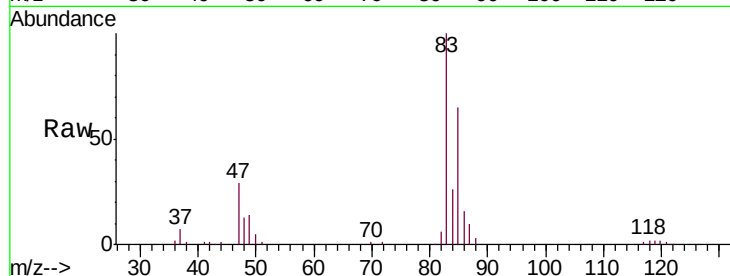




#25
Chloroform
Concen: 23.895 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV009345.D
Acq: 25 Feb 2019 11:17

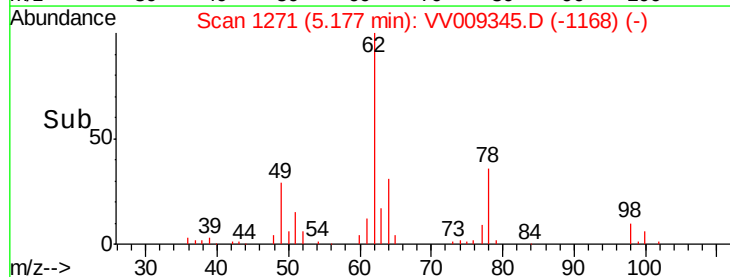
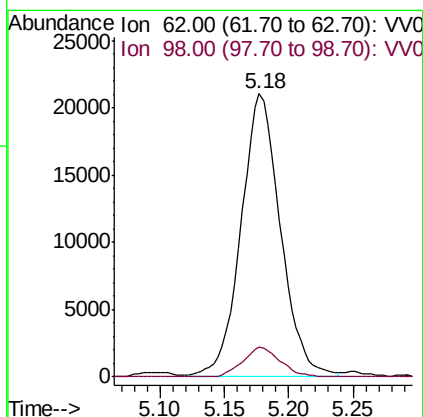
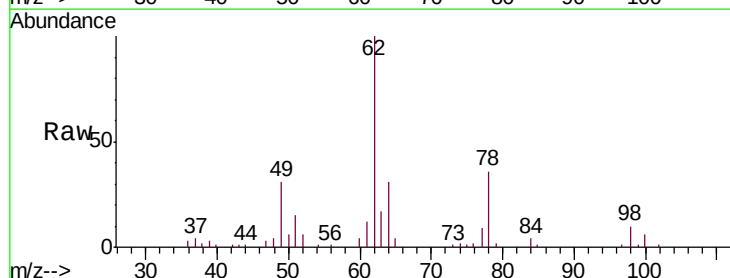
Instrument :
MSVOA_V
ClientSampleId :
VSTD02579

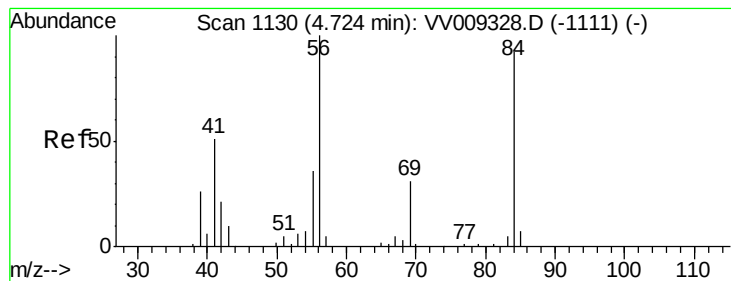
Tgt Ion: 83 Resp: 66540
Ion Ratio Lower Upper
83 100
85 65.1 47.5 88.3



#27
1,2-Dichloroethane
Concen: 23.891 ug/L
RT: 5.18 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VV009345.D
Acq: 25 Feb 2019 11:17

Tgt Ion: 62 Resp: 45051
Ion Ratio Lower Upper
62 100
98 10.4 8.5 12.7





#30

Cyclohexane

Concen: 25.431 ug/L

RT: 4.72 min Scan# 1130

Delta R.T. -0.00 min

Lab File: VV009345.D

Acq: 25 Feb 2019 11:17

Instrument :

MSVOA_V

ClientSampleId :

VSTD02579

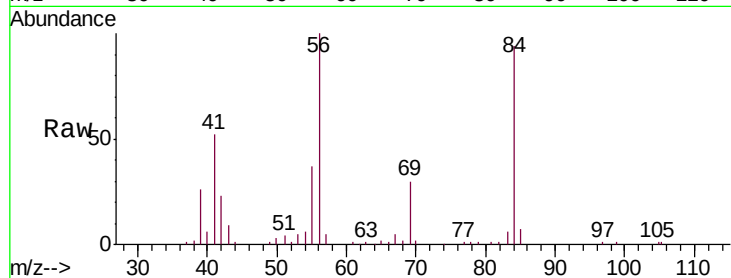
Tgt Ion: 56 Resp: 63808

Ion Ratio Lower Upper

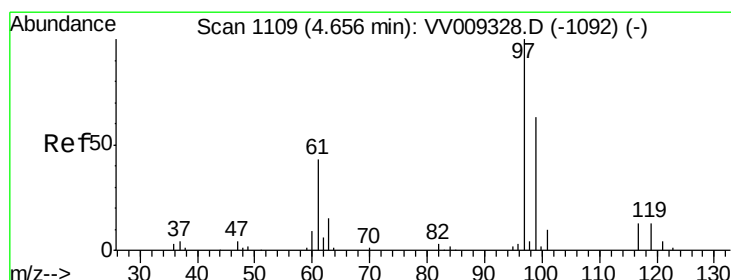
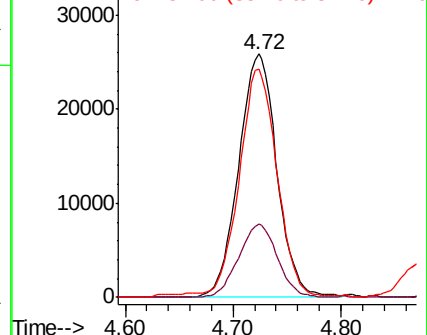
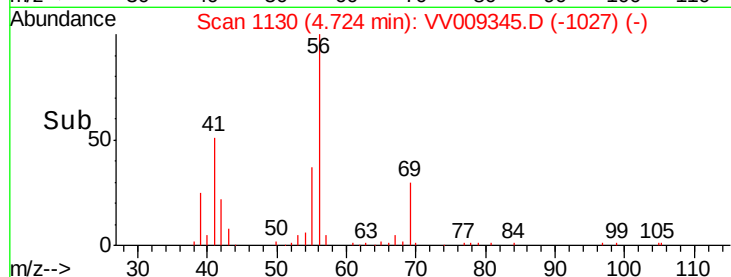
56 100

69 30.2 25.7 38.5

84 92.6 77.2 115.8



Abundance Ion 56.00 (55.70 to 56.70): VV009345.D (-1027) (-)



#31

1,1,1-Trichloroethane

Concen: 24.324 ug/L

RT: 4.66 min Scan# 1109

Delta R.T. -0.00 min

Lab File: VV009345.D

Acq: 25 Feb 2019 11:17

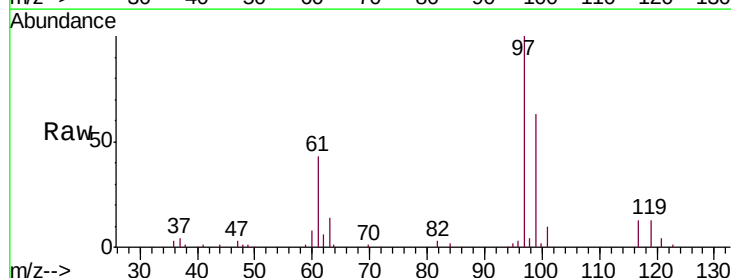
Tgt Ion: 97 Resp: 59459

Ion Ratio Lower Upper

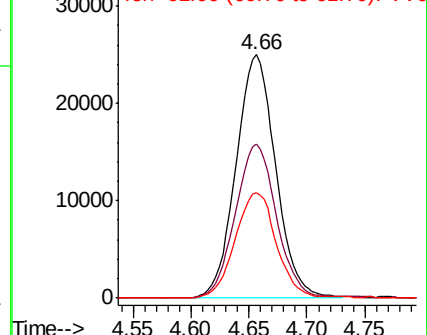
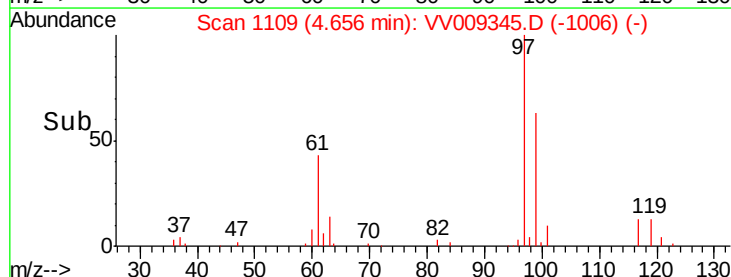
97 100

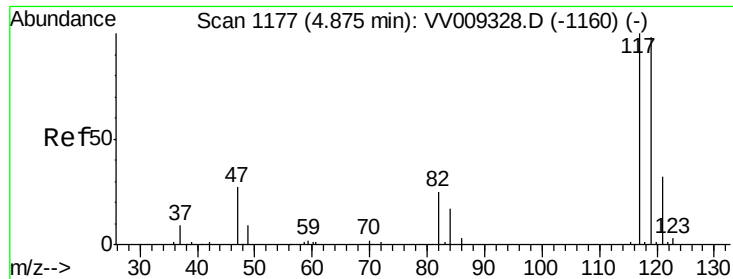
99 65.5 51.7 77.5

61 44.8 34.0 51.0



Abundance Ion 97.00 (96.70 to 97.70): VV009345.D (-1006) (-)





#32

Carbon tetrachloride

Concen: 24.125 ug/L

RT: 4.87 min Scan# 1177

Delta R.T. -0.00 min

Lab File: VV009345.D

Acq: 25 Feb 2019 11:17

Instrument :

MSVOA_V

ClientSampleId :

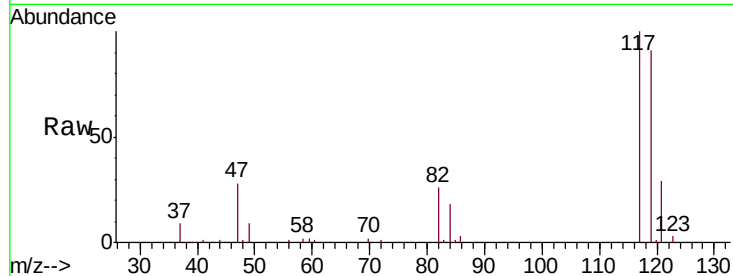
VSTD02579

Tgt Ion:117 Resp: 49834

Ion Ratio Lower Upper

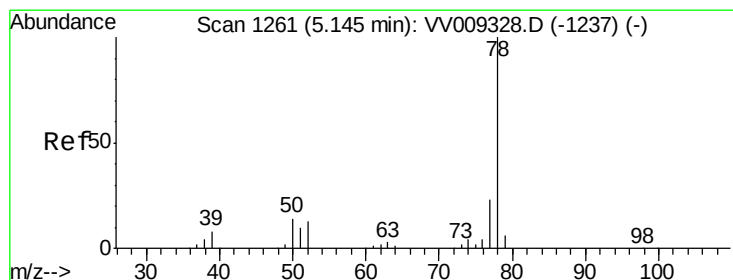
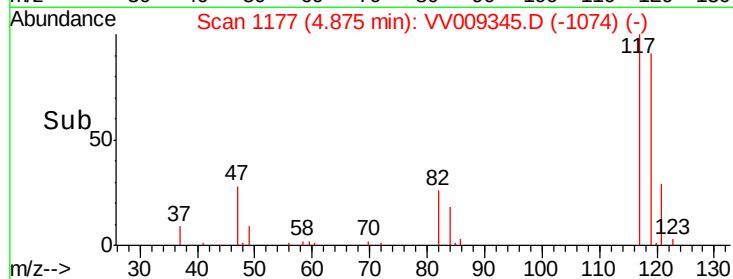
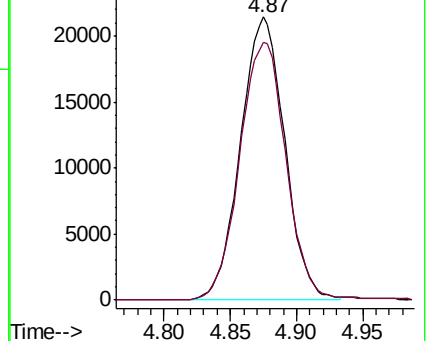
117 100

119 94.7 76.7 115.1



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#34

Benzene

Concen: 25.473 ug/L

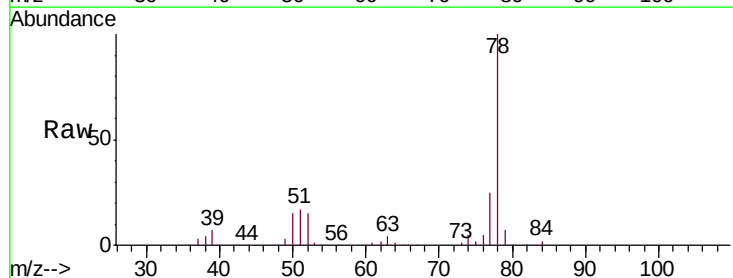
RT: 5.14 min Scan# 1261

Delta R.T. -0.00 min

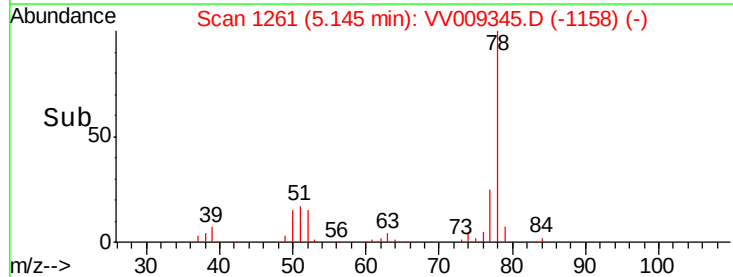
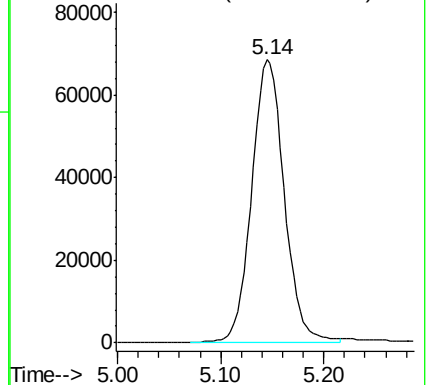
Lab File: VV009345.D

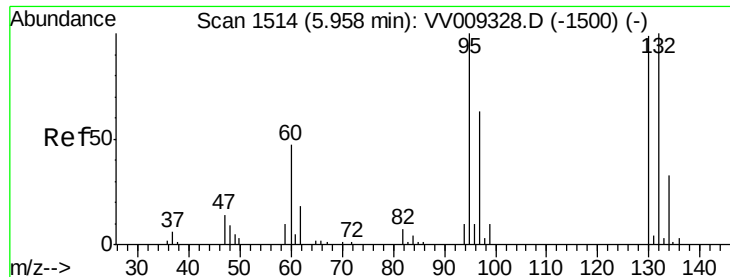
Acq: 25 Feb 2019 11:17

Tgt Ion: 78 Resp: 150762



Abundance Ion 78.00 (77.70 to 78.70): VV0





#35

Trichloroethene

Concen: 24.100 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. -0.00 min

Lab File: VV009345.D

Acq: 25 Feb 2019 11:17

Instrument :

MSVOA_V

ClientSampleId :

VSTD02579

Tgt Ion: 95 Resp: 39674

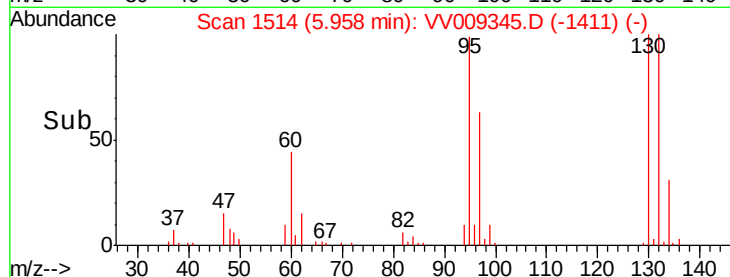
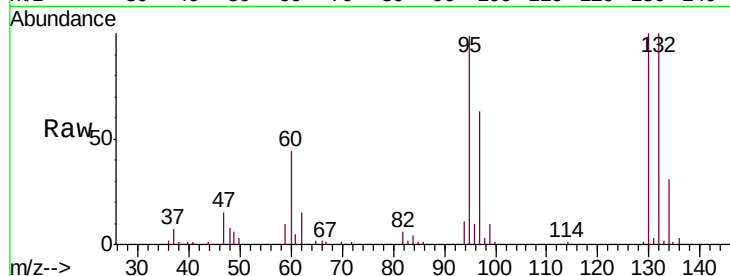
Ion Ratio Lower Upper

95 100

97 65.2 45.0 83.6

132 102.1 68.7 127.5

130 104.9 72.2 134.0

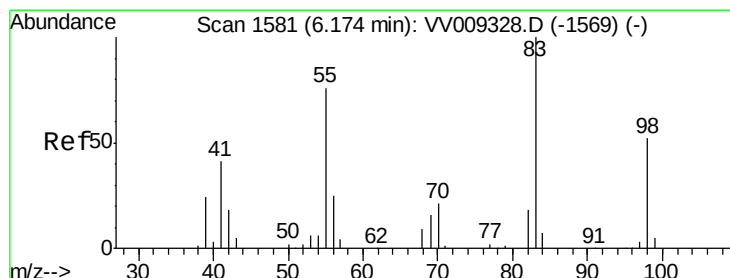
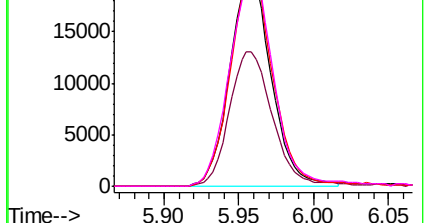


Abundance Ion 95.00 (94.70 to 95.70): VV009345.D (-1411) (-)

Ion 97.00 (96.70 to 97.70): VV009345.D (-1411) (-)

Ion 132.00 (131.70 to 132.70): VV009345.D (-1411) (-)

Ion 130.00 (129.70 to 130.70): VV009345.D (-1411) (-)



#36

Methylcyclohexane

Concen: 23.952 ug/L

RT: 6.17 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VV009345.D

Acq: 25 Feb 2019 11:17

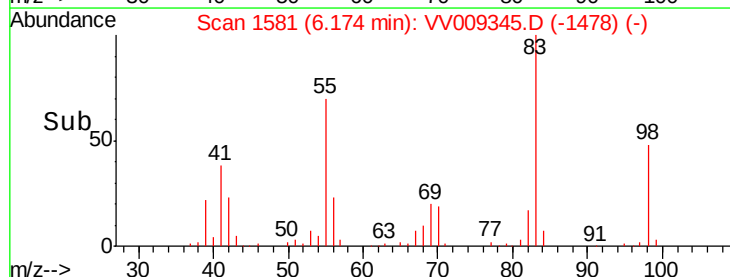
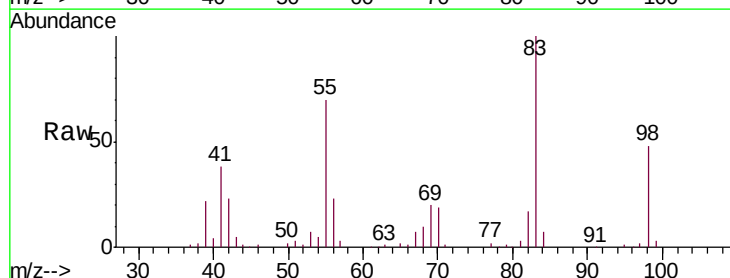
Tgt Ion: 83 Resp: 68970

Ion Ratio Lower Upper

83 100

55 72.0 55.8 83.6

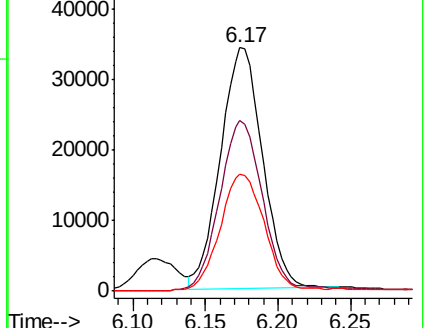
98 51.3 40.3 60.5

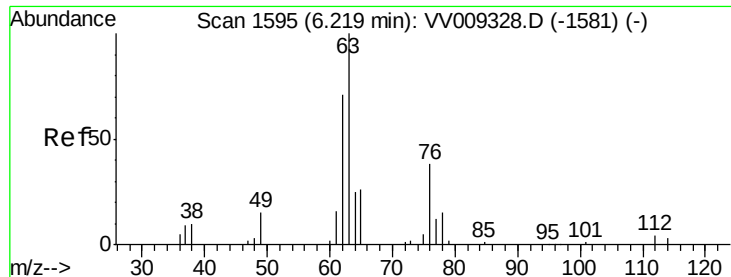


Abundance Ion 83.00 (82.70 to 83.70): VV009345.D (-1478) (-)

Ion 55.00 (54.70 to 55.70): VV009345.D (-1478) (-)

Ion 98.00 (97.70 to 98.70): VV009345.D (-1478) (-)

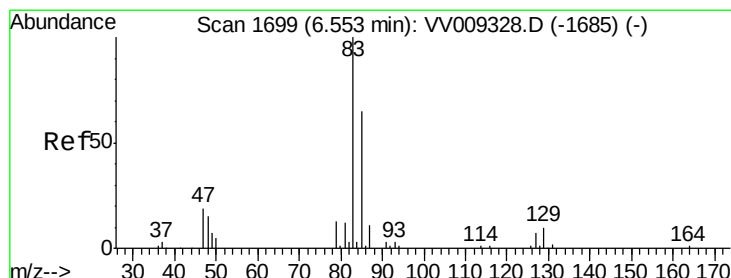
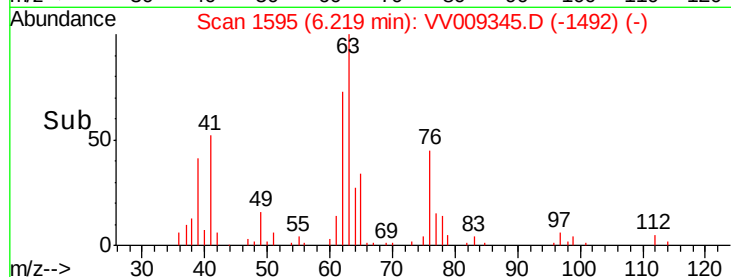
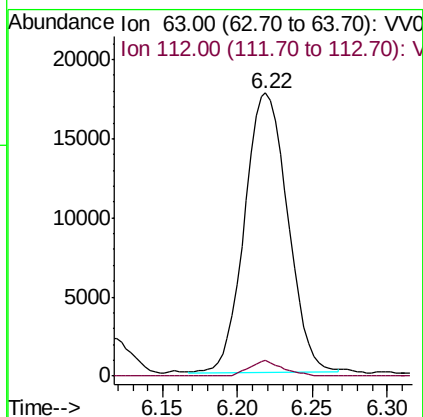
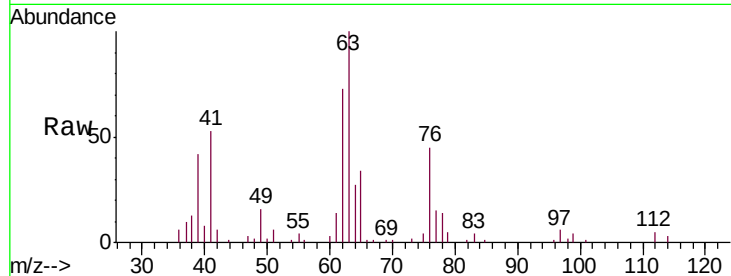




#40
 1,2-Dichloropropane
 Concen: 24.709 ug/L
 RT: 6.22 min Scan# 1595
 Delta R.T. -0.00 min
 Lab File: VV009345.D
 Acq: 25 Feb 2019 11:17

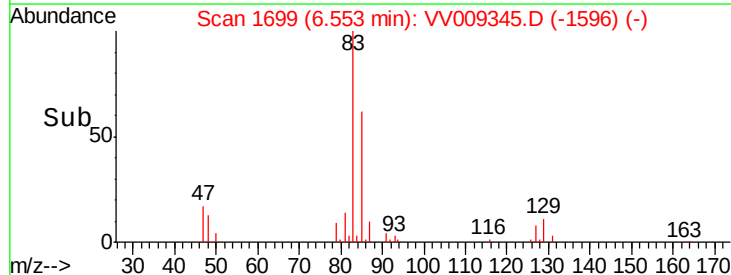
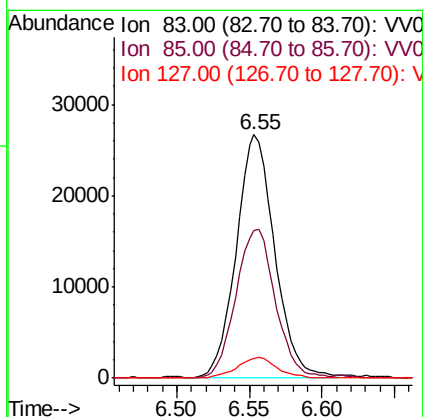
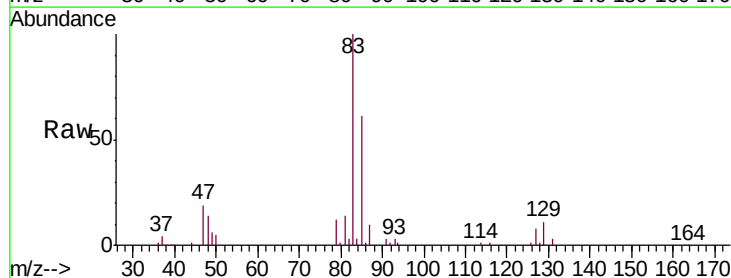
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02579

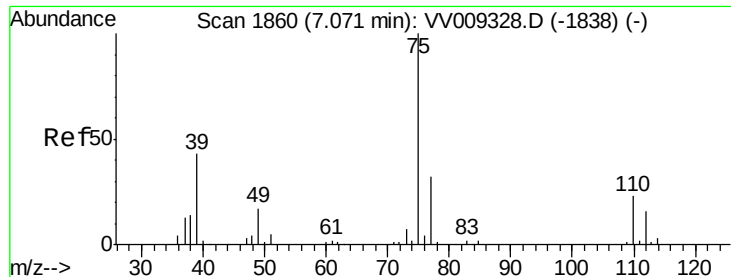
Tgt Ion: 63 Resp: 35494
 Ion Ratio Lower Upper
 63 100
 112 4.3 3.8 5.8



#41
 Bromodichloromethane
 Concen: 24.133 ug/L
 RT: 6.55 min Scan# 1699
 Delta R.T. -0.00 min
 Lab File: VV009345.D
 Acq: 25 Feb 2019 11:17

Tgt Ion: 83 Resp: 49370
 Ion Ratio Lower Upper
 83 100
 85 60.6 44.9 83.5
 127 8.3 6.3 9.5



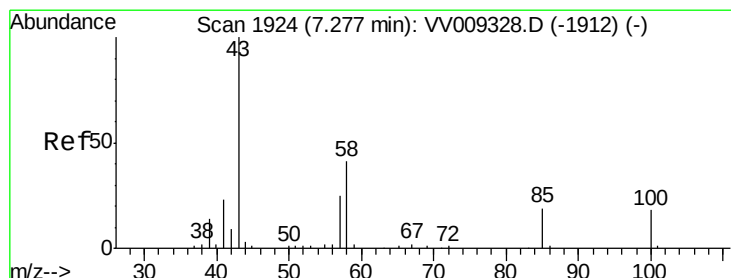
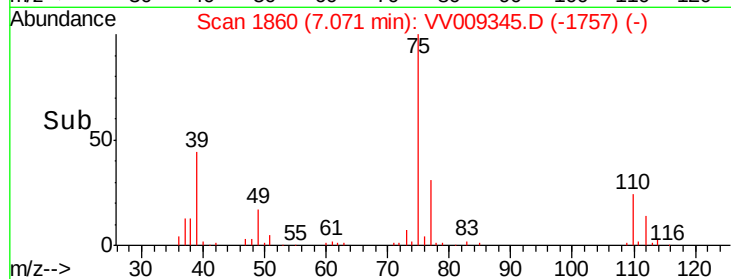
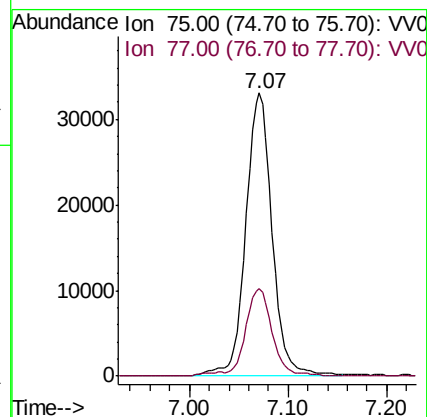
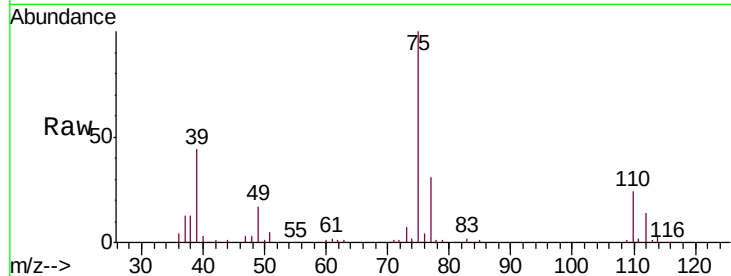


#42

cis-1,3-Dichloropropene
 Concen: 25.050 ug/L
 RT: 7.07 min Scan# 1860
 Delta R.T. -0.00 min
 Lab File: VV009345.D
 Acq: 25 Feb 2019 11:17

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02579

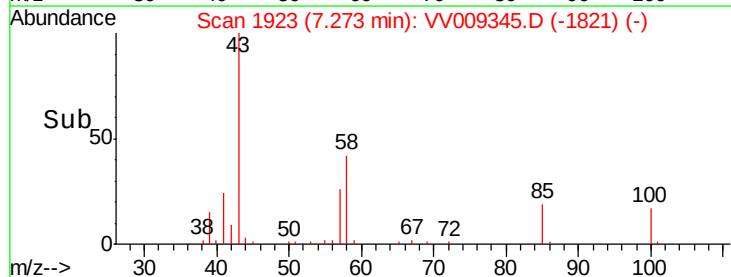
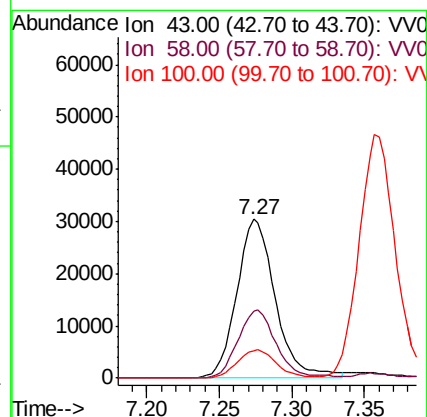
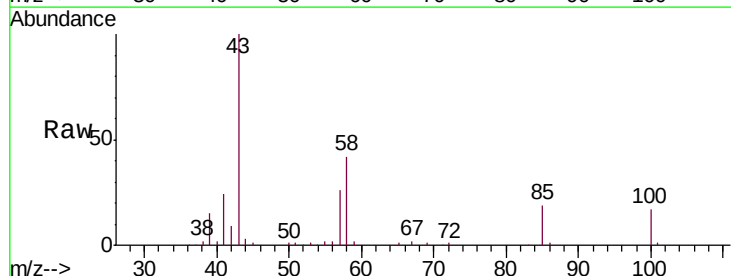
Tgt Ion: 75 Resp: 61066
 Ion Ratio Lower Upper
 75 100
 77 31.0 22.0 40.8

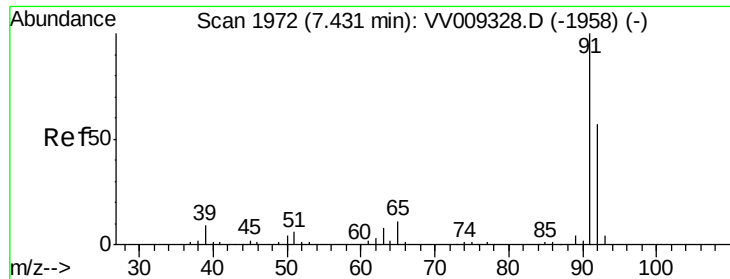


#43

4-Methyl-2-pentanone
 Concen: 46.559 ug/L
 RT: 7.27 min Scan# 1923
 Delta R.T. -0.00 min
 Lab File: VV009345.D
 Acq: 25 Feb 2019 11:17

Tgt Ion: 43 Resp: 56142
 Ion Ratio Lower Upper
 43 100
 58 41.7 34.2 51.4
 100 18.1 15.1 22.7

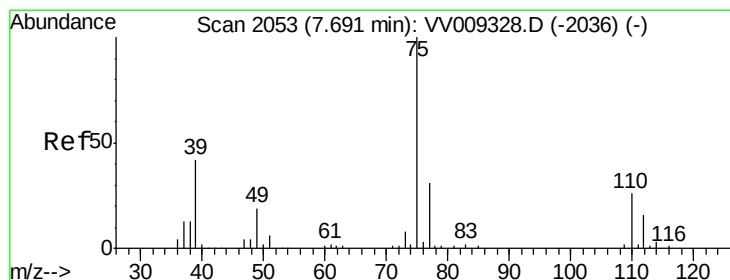
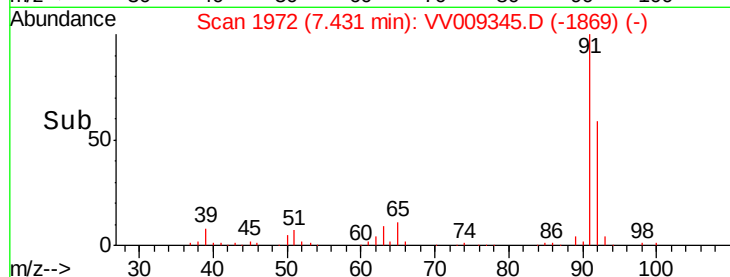
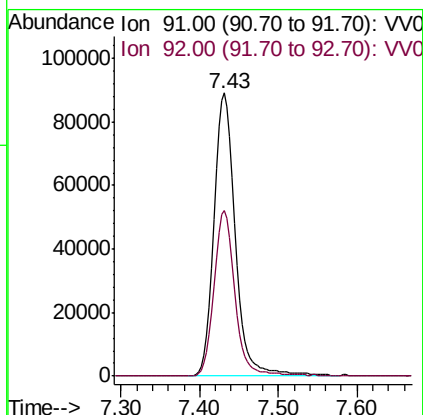
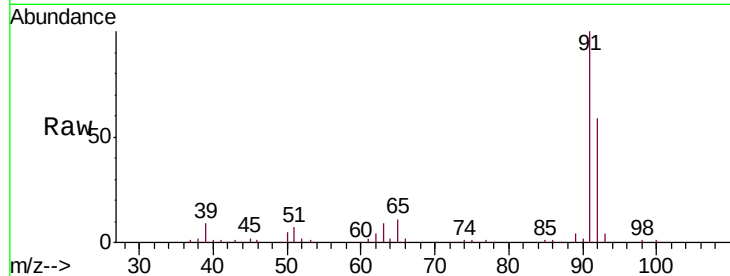




#44
Toluene
Concen: 25.476 ug/L
RT: 7.43 min Scan# 1972
Delta R.T. -0.00 min
Lab File: VV009345.D
Acq: 25 Feb 2019 11:17

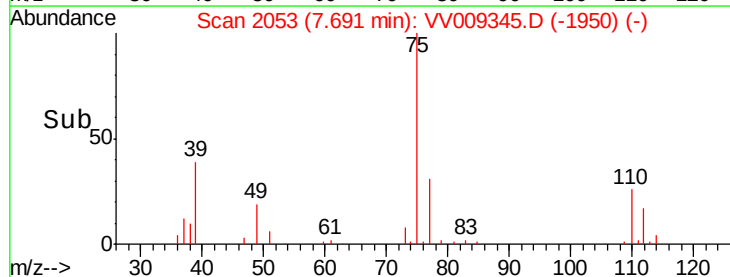
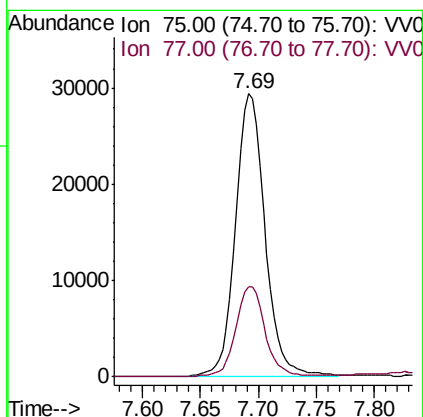
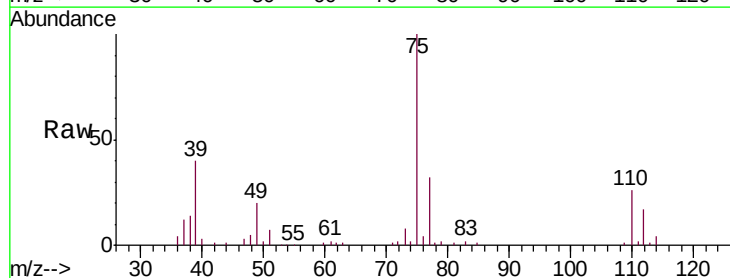
Instrument :
MSVOA_V
ClientSampleId :
VSTD02579

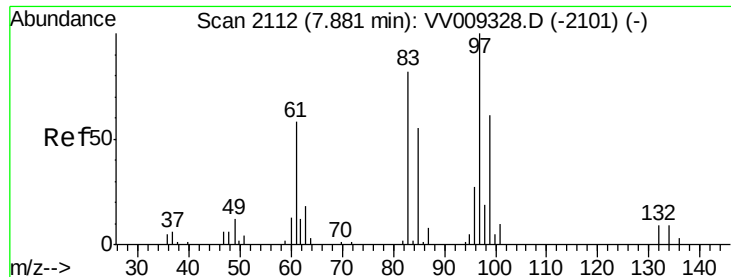
Tgt Ion: 91 Resp: 167228
Ion Ratio Lower Upper
91 100
92 58.7 40.5 75.3



#45
trans-1,3-Dichloropropene
Concen: 24.428 ug/L
RT: 7.69 min Scan# 2053
Delta R.T. -0.00 min
Lab File: VV009345.D
Acq: 25 Feb 2019 11:17

Tgt Ion: 75 Resp: 52147
Ion Ratio Lower Upper
75 100
77 31.7 22.6 42.0

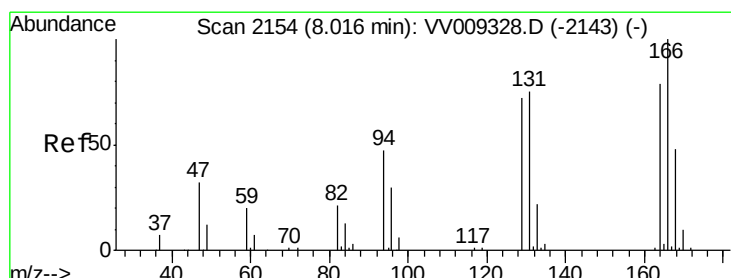
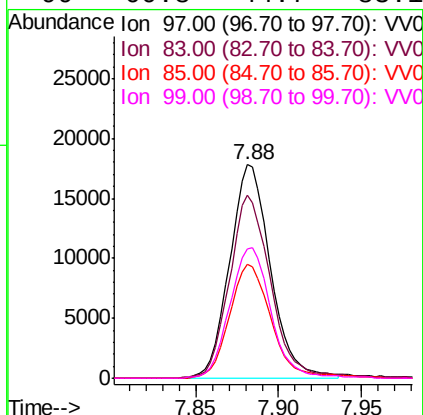
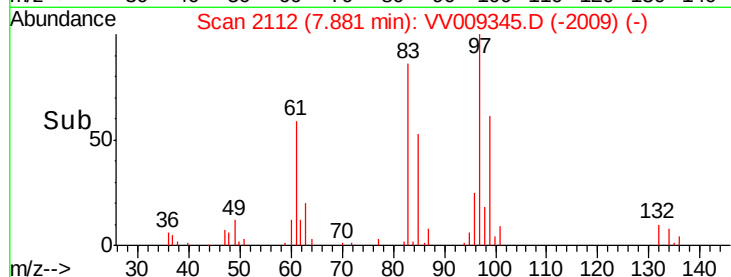
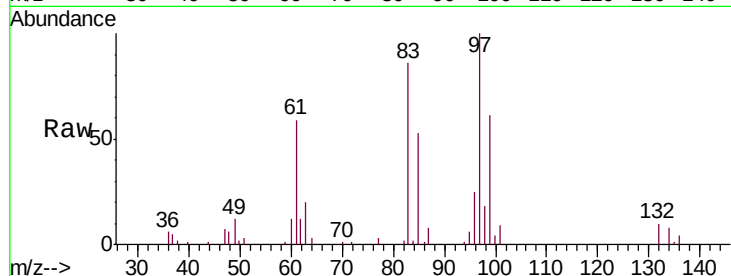




#46
 1,1,2-Trichloroethane
 Concen: 23.881 ug/L
 RT: 7.88 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VV009345.D
 Acq: 25 Feb 2019 11:17

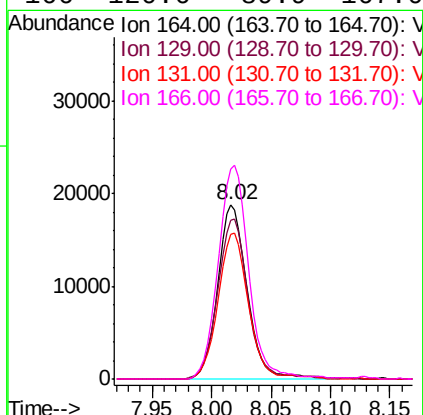
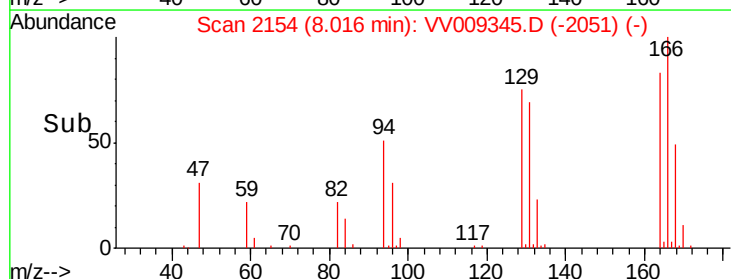
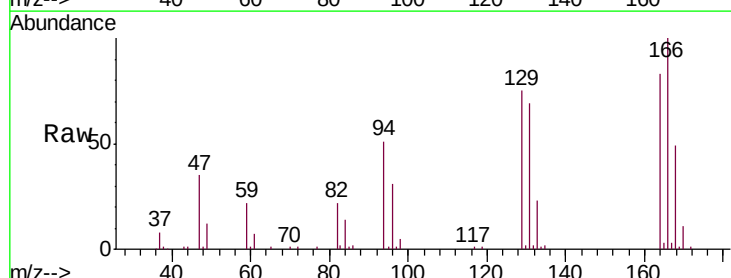
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02579

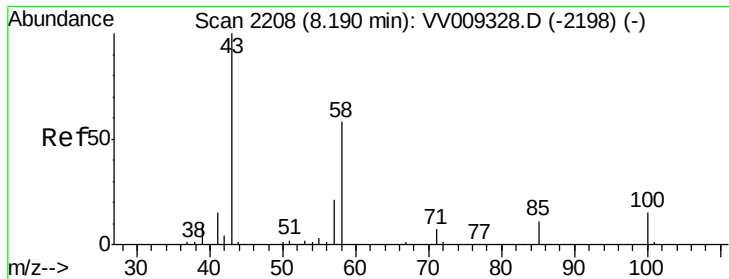
Tgt Ion:	97	Resp:	30547
Ion	Ratio	Lower	Upper
97	100		
83	85.7	58.1	107.9
85	53.4	38.4	71.2
99	60.8	44.7	83.1



#47
 Tetrachloroethene
 Concen: 25.113 ug/L
 RT: 8.02 min Scan# 2154
 Delta R.T. -0.00 min
 Lab File: VV009345.D
 Acq: 25 Feb 2019 11:17

Tgt Ion:	164	Resp:	32310
Ion	Ratio	Lower	Upper
164	100		
129	90.7	67.0	124.4
131	82.8	65.0	120.8
166	120.6	89.9	167.0

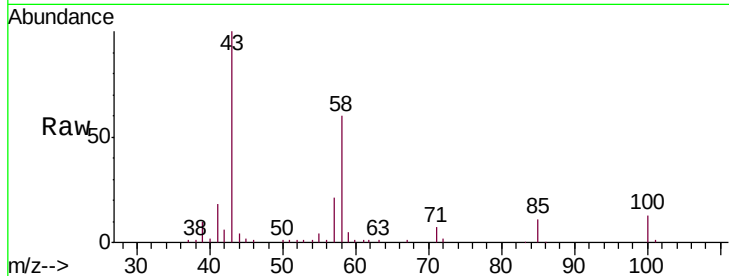




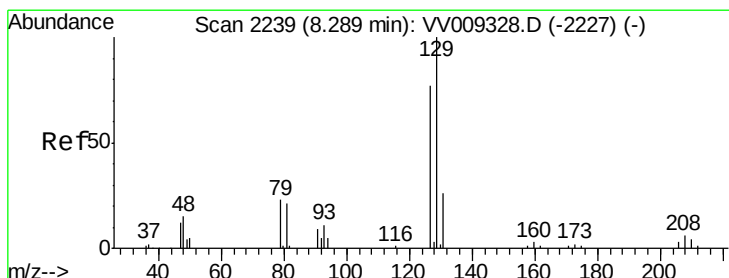
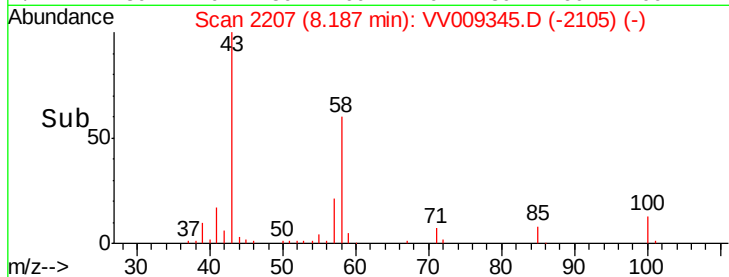
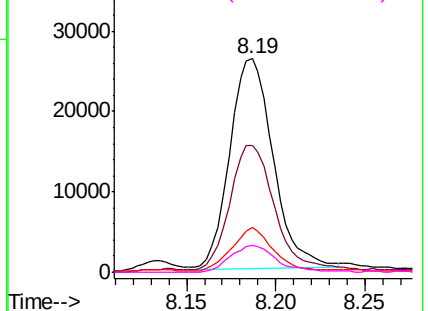
#49
2-Hexanone
Concen: 47.713 ug/L
RT: 8.19 min Scan# 2207
Delta R.T. -0.00 min
Lab File: VV009345.D
Acq: 25 Feb 2019 11:17

Instrument :
MSVOA_V
ClientSampleId :
VSTD02579

Tgt Ion: 43 Resp: 44247
Ion Ratio Lower Upper
43 100
58 61.5 46.8 70.2
57 19.7 14.2 21.2
100 13.8 11.0 16.6

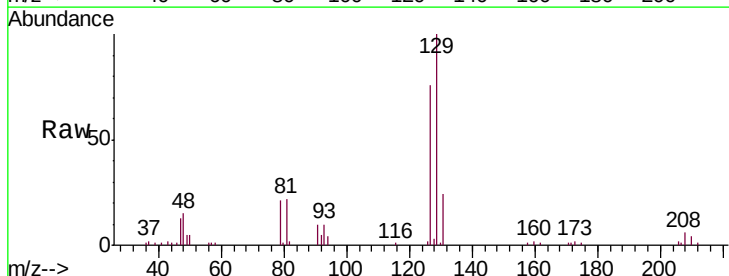


Abundance Ion 43.00 (42.70 to 43.70): VV0
Ion 58.00 (57.70 to 58.70): VV0
Ion 57.00 (56.70 to 57.70): VV0
Ion 100.00 (99.70 to 100.70): VV0

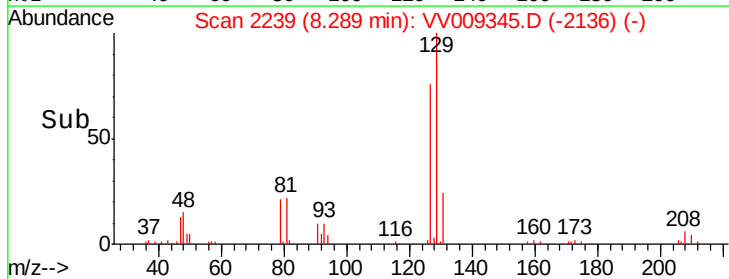
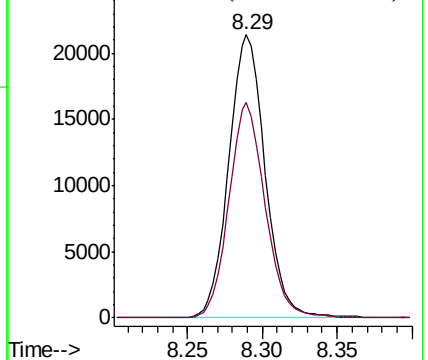


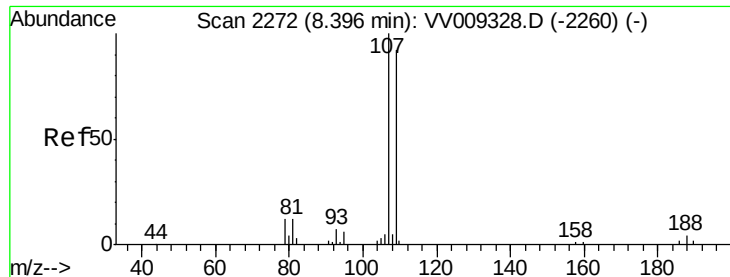
#50
Dibromochloromethane
Concen: 23.438 ug/L
RT: 8.29 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VV009345.D
Acq: 25 Feb 2019 11:17

Tgt Ion: 129 Resp: 36150
Ion Ratio Lower Upper
129 100
127 76.3 53.6 99.6



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





#51

1,2-Dibromoethane

Concen: 23.496 ug/L

RT: 8.40 min Scan# 2272

Delta R.T. -0.00 min

Lab File: VV009345.D

Acq: 25 Feb 2019 11:17

Instrument :

MSVOA_V

ClientSampleId :

VSTD02579

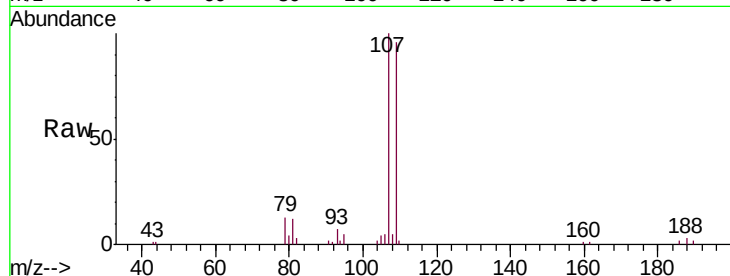
Tgt Ion:107 Resp: 30144

Ion Ratio Lower Upper

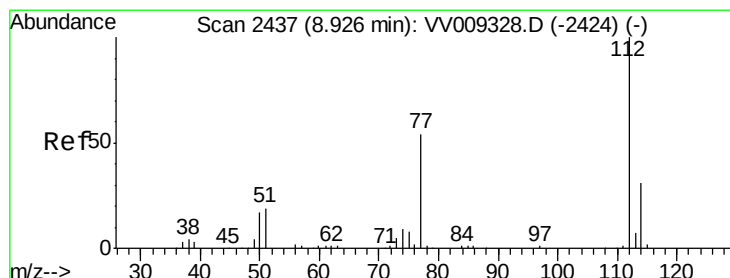
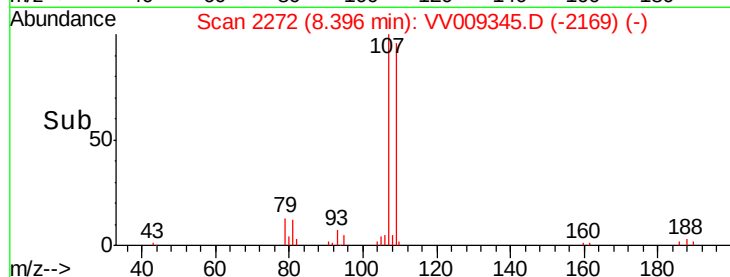
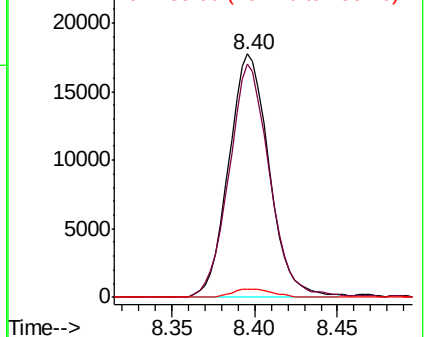
107 100

109 95.8 64.5 119.9

188 3.4 2.8 4.2



Abundance Ion 107.00 (106.70 to 107.70): V
Ion 109.00 (108.70 to 109.70): V
Ion 188.00 (187.70 to 188.70): V



#52

Chlorobenzene

Concen: 24.760 ug/L

RT: 8.93 min Scan# 2437

Delta R.T. -0.00 min

Lab File: VV009345.D

Acq: 25 Feb 2019 11:17

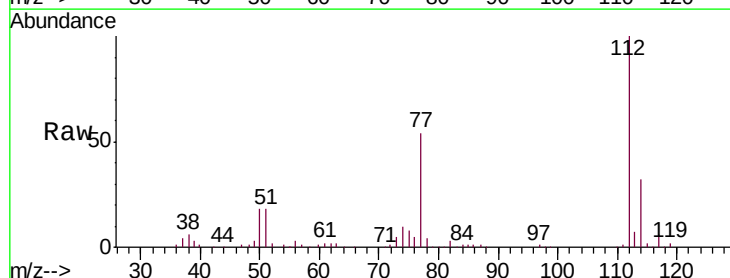
Tgt Ion:112 Resp: 105829

Ion Ratio Lower Upper

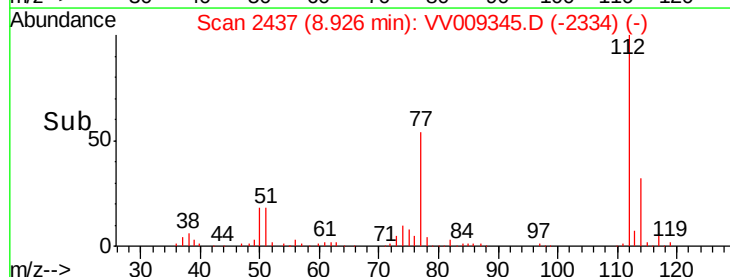
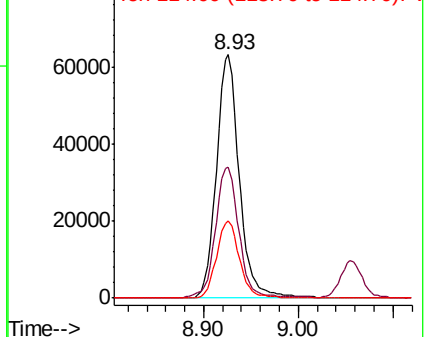
112 100

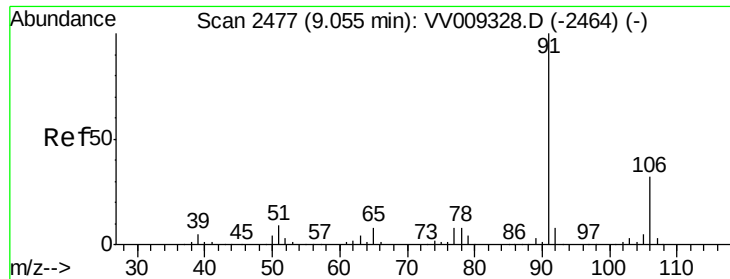
77 53.6 45.0 67.4

114 31.6 22.0 41.0



Abundance Ion 112.00 (111.70 to 112.70): V
Ion 77.00 (76.70 to 77.70): V
Ion 114.00 (113.70 to 114.70): V





#53

Ethylbenzene

Concen: 24.453 ug/L

RT: 9.05 min Scan# 2477

Delta R.T. -0.00 min

Lab File: VV009345.D

Acq: 25 Feb 2019 11:17

Instrument :

MSVOA_V

ClientSampleId :

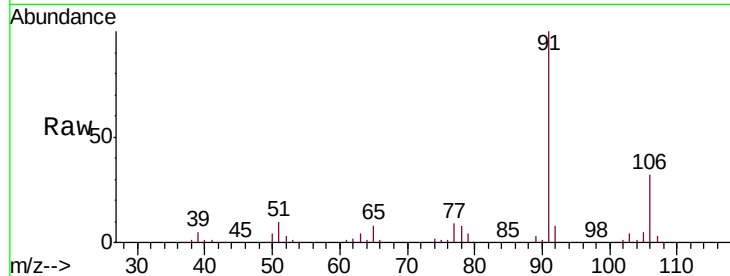
VSTD02579

Tgt Ion: 91 Resp: 181335

Ion Ratio Lower Upper

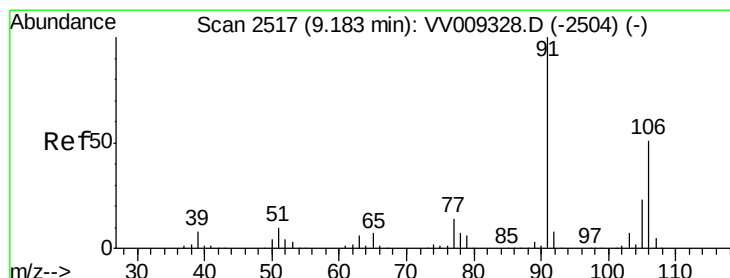
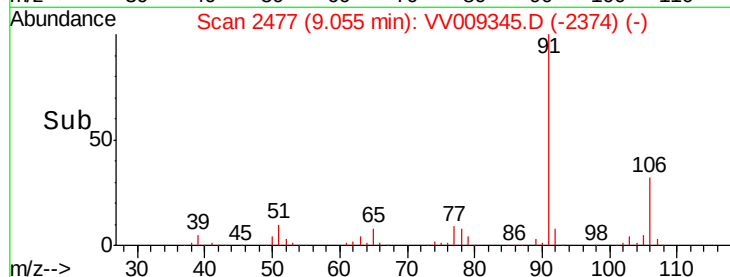
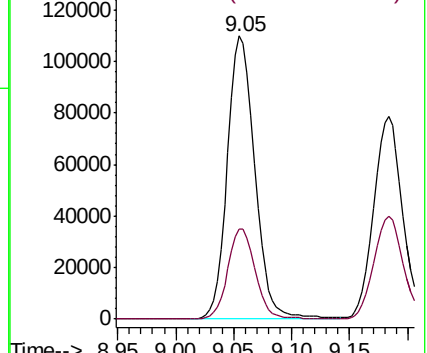
91 100

106 31.9 22.2 41.2



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 106.00 (105.70 to 106.70): V



#54

m,p-Xylene

Concen: 24.436 ug/L

RT: 9.18 min Scan# 2517

Delta R.T. -0.00 min

Lab File: VV009345.D

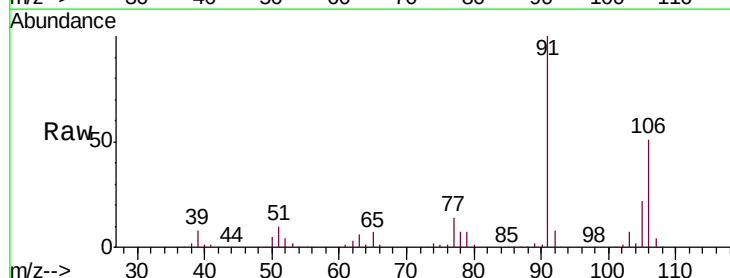
Acq: 25 Feb 2019 11:17

Tgt Ion: 106 Resp: 70706

Ion Ratio Lower Upper

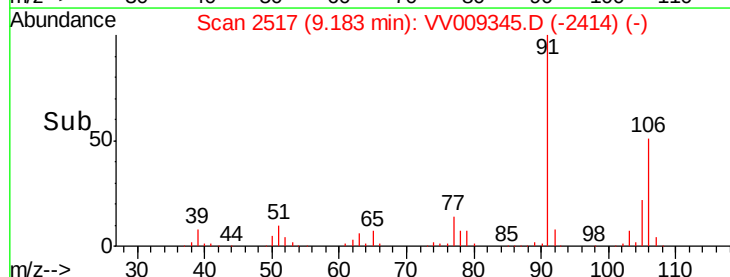
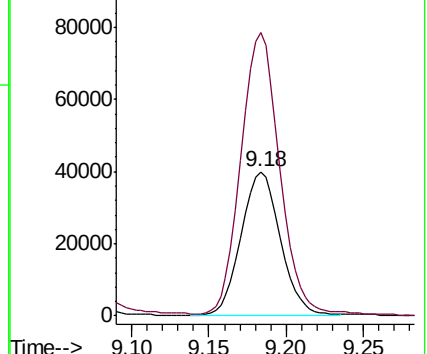
106 100

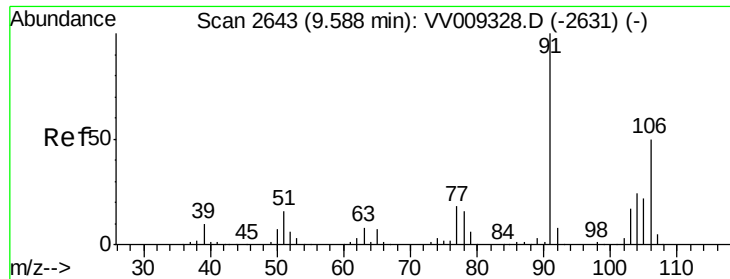
91 196.8 141.4 262.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0

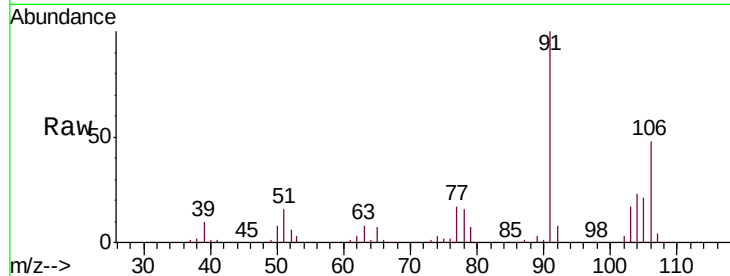




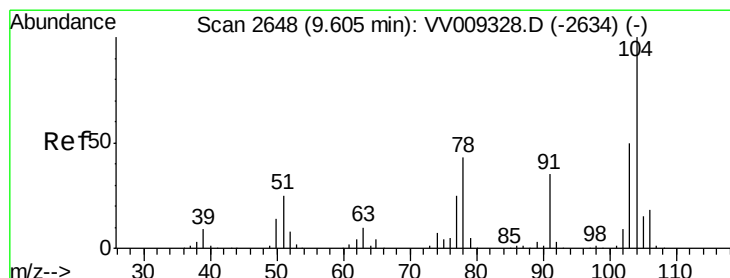
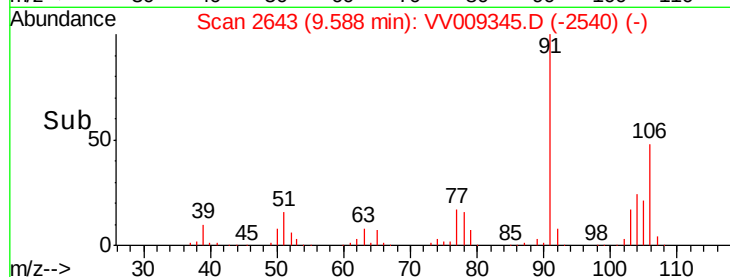
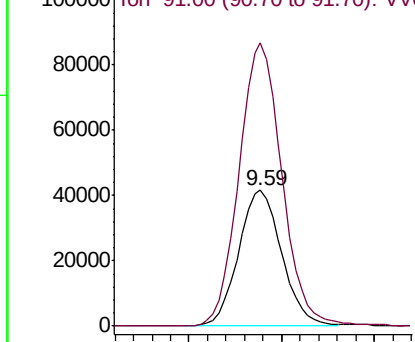
#55
o-xylene
Concen: 24.780 ug/L
RT: 9.59 min Scan# 2643
Delta R.T. -0.00 min
Lab File: VV009345.D
Acq: 25 Feb 2019 11:17

Instrument :
MSVOA_V
ClientSampleId :
VSTD02579

Tgt Ion:106 Resp: 67302
Ion Ratio Lower Upper
106 100
91 208.0 146.4 271.8

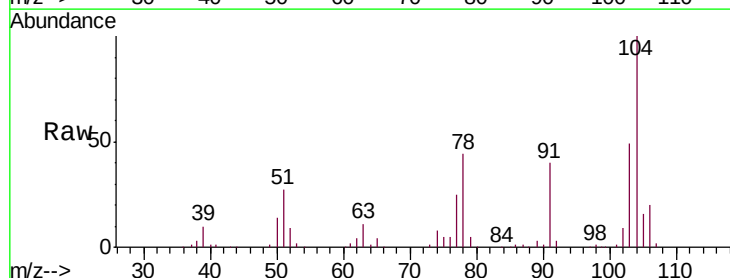


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VV0

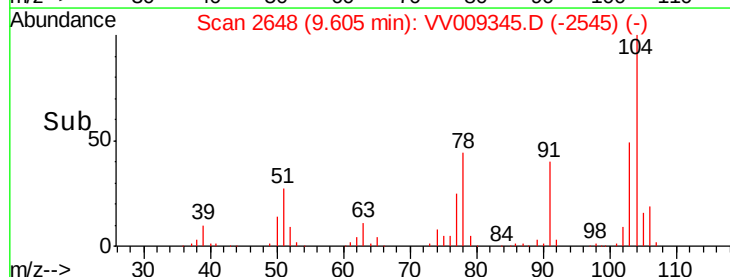
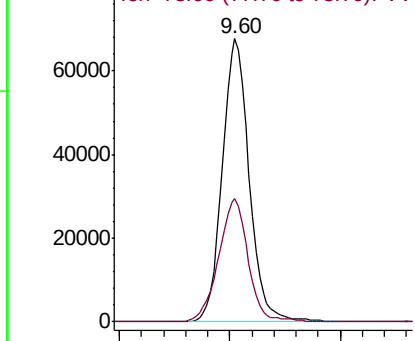


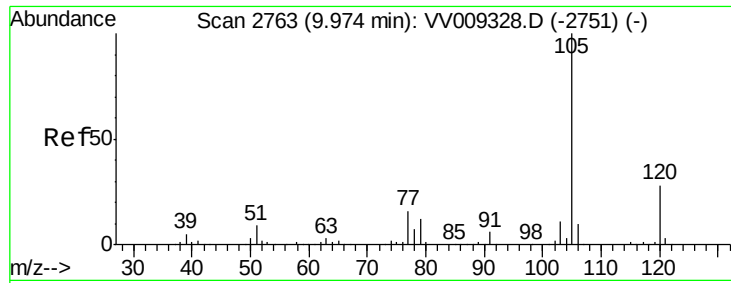
#56
Styrene
Concen: 24.569 ug/L
RT: 9.60 min Scan# 2648
Delta R.T. -0.00 min
Lab File: VV009345.D
Acq: 25 Feb 2019 11:17

Tgt Ion:104 Resp: 114510
Ion Ratio Lower Upper
104 100
78 43.6 31.6 58.6



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





#57

Isopropylbenzene

Concen: 24.304 ug/L

RT: 9.97 min Scan# 2763

Delta R.T. -0.00 min

Lab File: VV009345.D

Acq: 25 Feb 2019 11:17

Instrument :

MSVOA_V

ClientSampleId :

VSTD02579

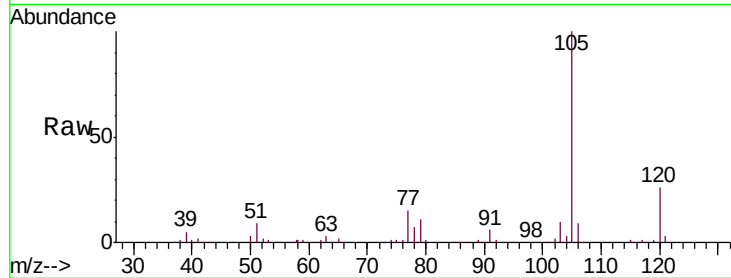
Tgt Ion: 105 Resp: 182732

Ion Ratio Lower Upper

105 100

120 26.7 21.7 32.5

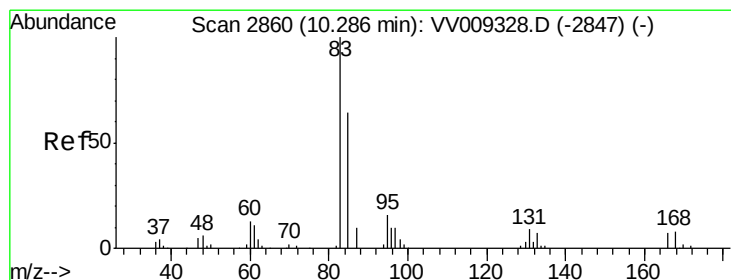
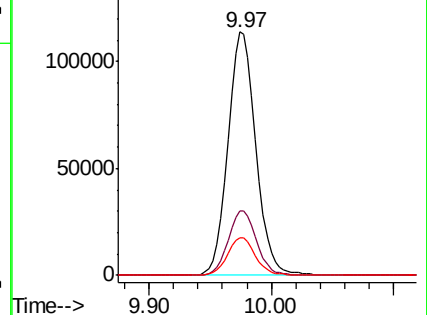
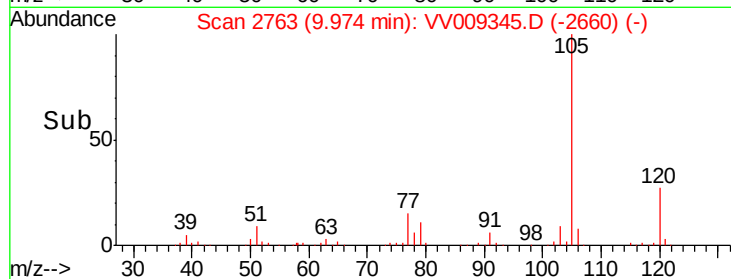
77 15.6 12.8 19.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



#58

1,1,2,2-Tetrachloroethane

Concen: 24.041 ug/L

RT: 10.29 min Scan# 2860

Delta R.T. -0.00 min

Lab File: VV009345.D

Acq: 25 Feb 2019 11:17

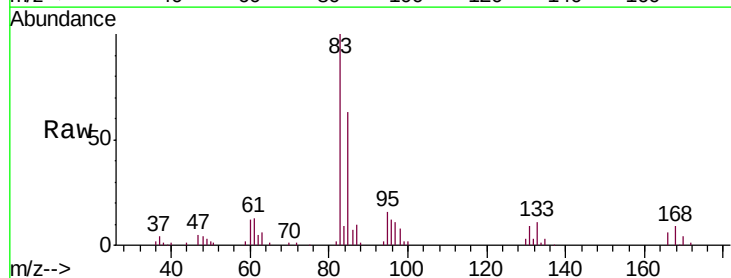
Tgt Ion: 83 Resp: 43396

Ion Ratio Lower Upper

83 100

85 62.7 44.7 83.1

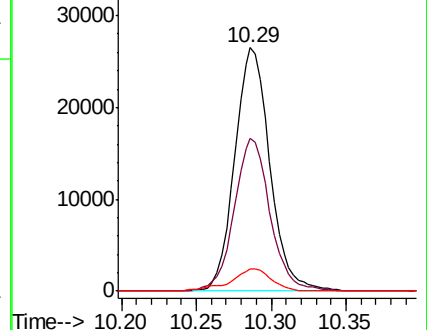
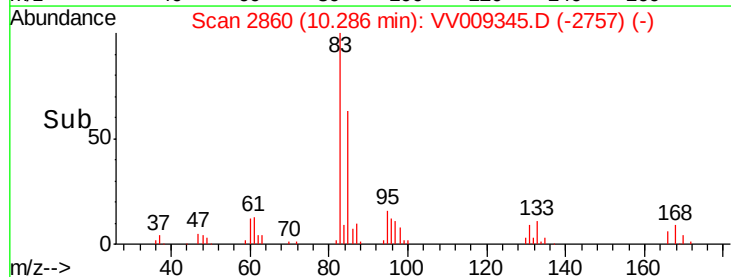
131 9.1 8.1 12.1

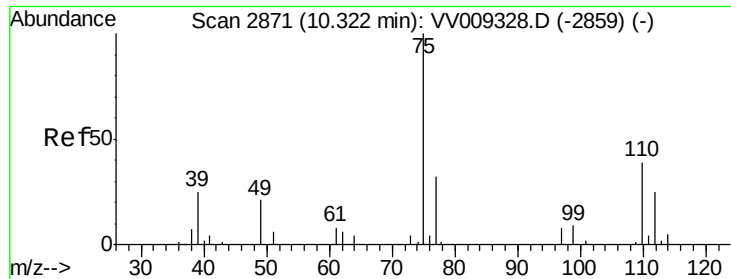


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

Ion 131.00 (130.70 to 131.70): V

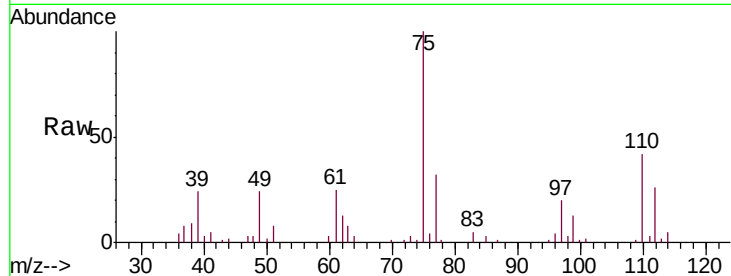




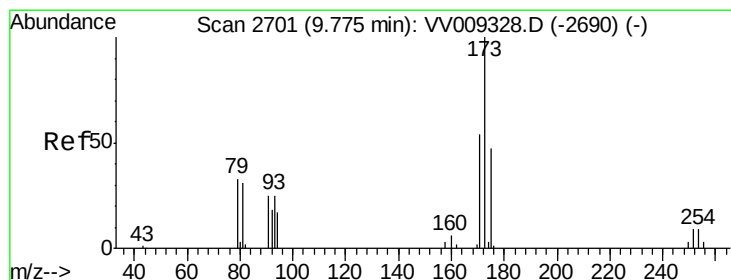
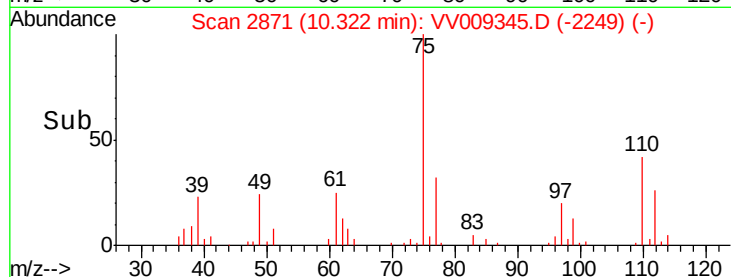
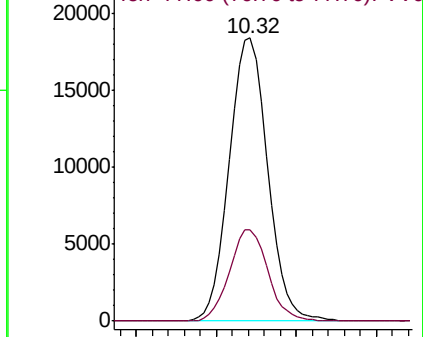
#59
 1,2,3-Trichloropropane
 Concen: 23.315 ug/L
 RT: 10.32 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VV009345.D
 Acq: 25 Feb 2019 11:17

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02579

Tgt Ion: 75 Resp: 30158
 Ion Ratio Lower Upper
 75 100
 77 32.2 26.3 39.5

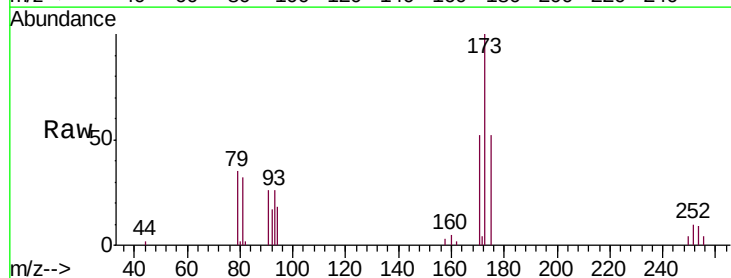


Abundance Ion 75.00 (74.70 to 75.70): VV009328.D (-2859) (-)
 Ion 77.00 (76.70 to 77.70): VV009328.D (-2859) (-)

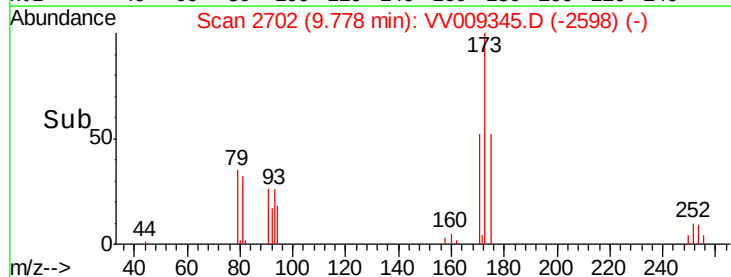
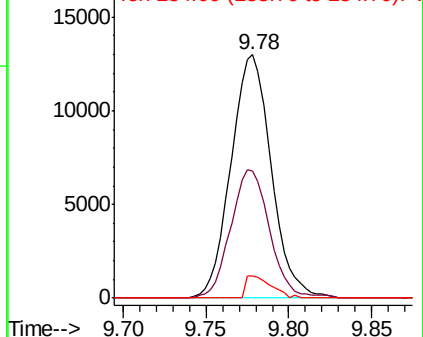


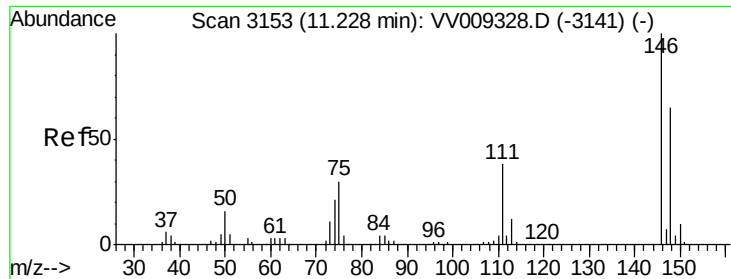
#62
 Bromoform
 Concen: 22.612 ug/L
 RT: 9.78 min Scan# 2702
 Delta R.T. 0.00 min
 Lab File: VV009345.D
 Acq: 25 Feb 2019 11:17

Tgt Ion: 173 Resp: 21996
 Ion Ratio Lower Upper
 173 100
 175 50.9 39.1 58.7
 254 5.6 5.7 8.5#



Abundance Ion 173.00 (172.70 to 173.70): VV009328.D (-2690) (-)
 Ion 175.00 (174.70 to 175.70): VV009328.D (-2690) (-)
 Ion 254.00 (253.70 to 254.70): VV009328.D (-2690) (-)

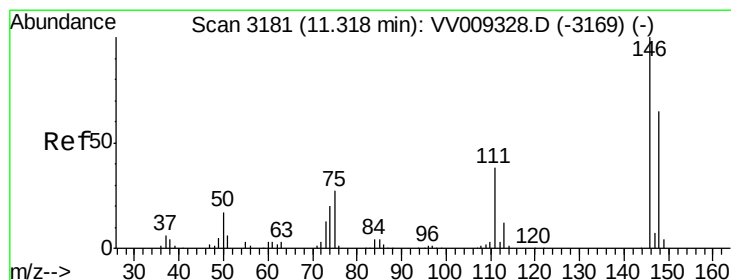
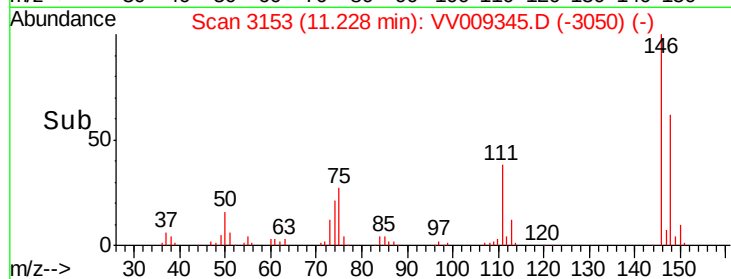
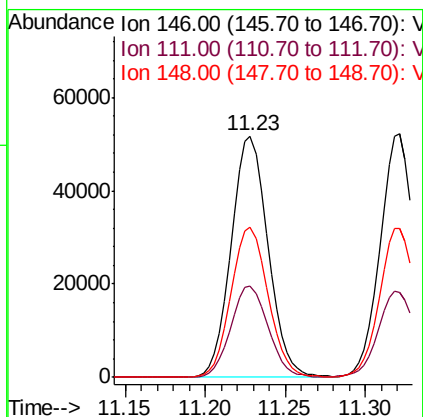
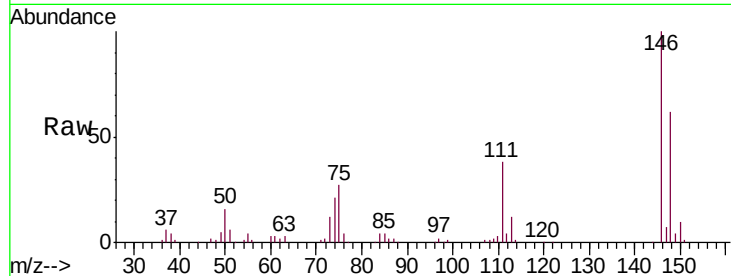




#63
 1,3-Dichlorobenzene
 Concen: 24.016 ug/L
 RT: 11.23 min Scan# 3153
 Delta R.T. -0.00 min
 Lab File: VV009345.D
 Acq: 25 Feb 2019 11:17

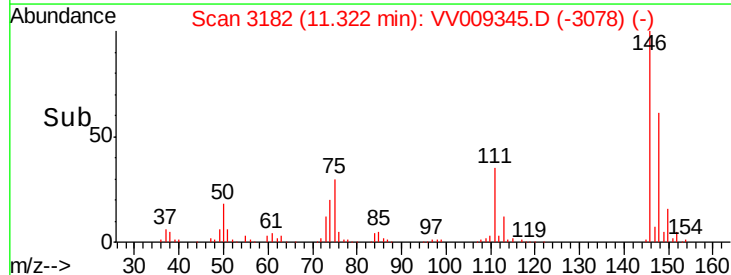
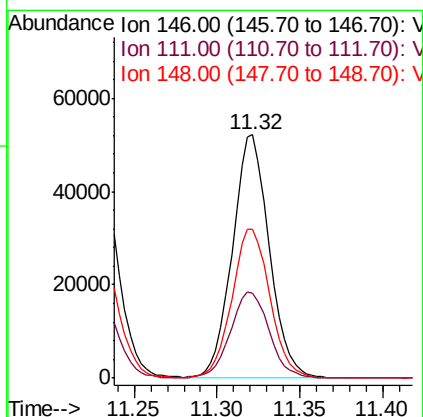
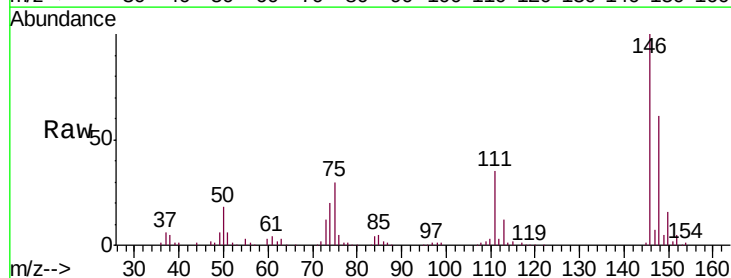
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02579

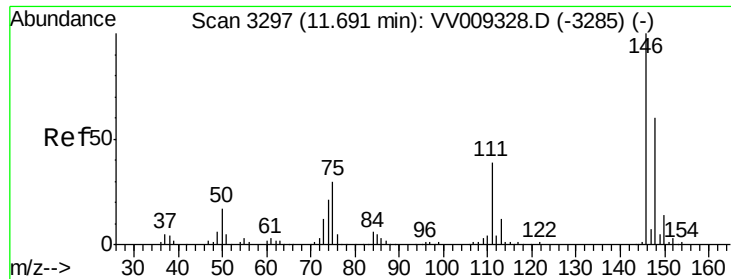
Tgt Ion:146 Resp: 81171
 Ion Ratio Lower Upper
 146 100
 111 37.8 27.6 51.4
 148 62.2 45.4 84.4



#64
 1,4-Dichlorobenzene
 Concen: 23.960 ug/L
 RT: 11.32 min Scan# 3182
 Delta R.T. 0.00 min
 Lab File: VV009345.D
 Acq: 25 Feb 2019 11:17

Tgt Ion:146 Resp: 80724
 Ion Ratio Lower Upper
 146 100
 111 34.9 26.9 50.1
 148 61.2 44.1 81.9

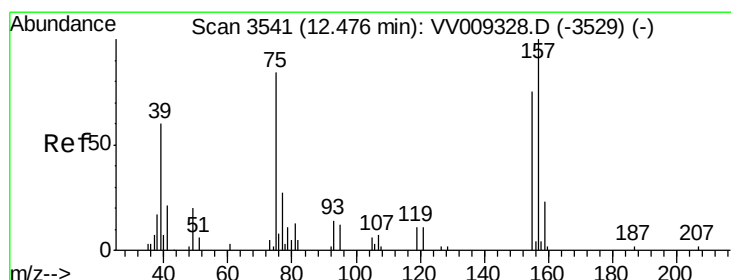
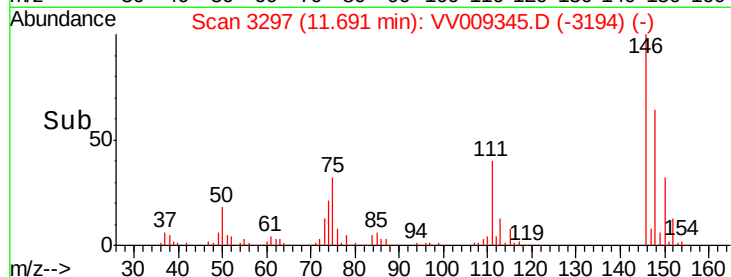
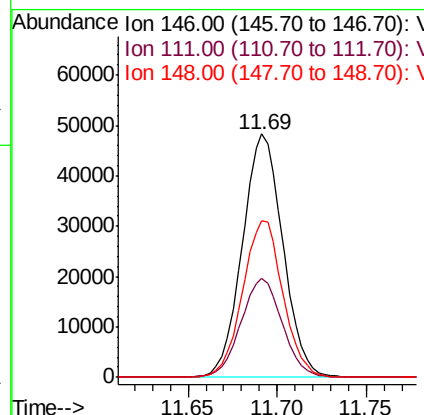
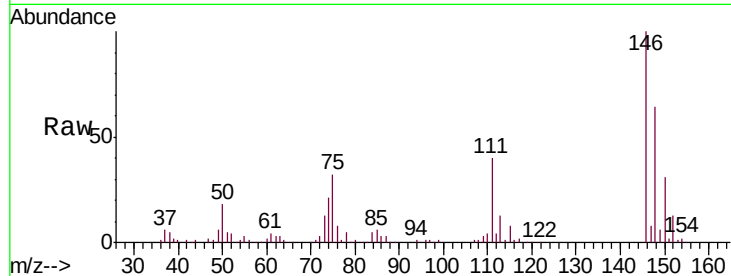




#65
 1,2-Dichlorobenzene
 Concen: 24.192 ug/L
 RT: 11.69 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VV009345.D
 Acq: 25 Feb 2019 11:17

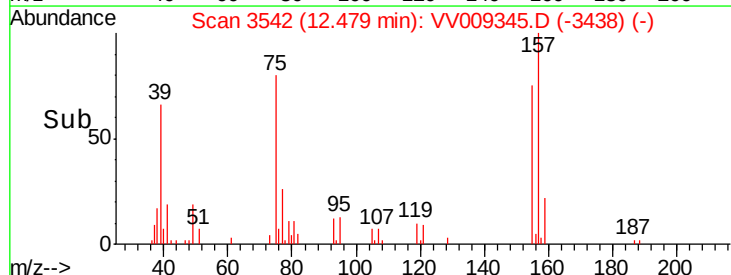
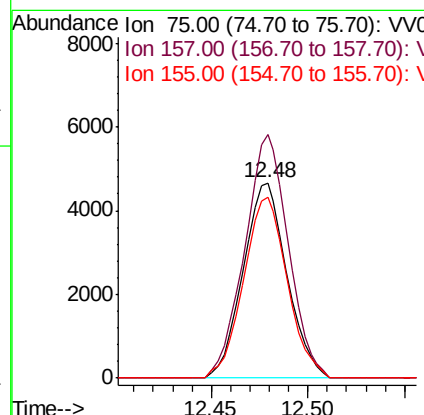
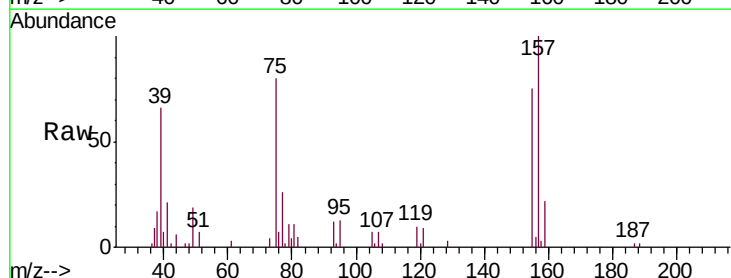
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02579

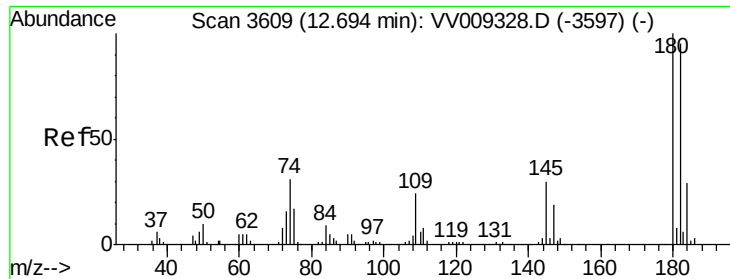
Tgt Ion: 146 Resp: 76670
 Ion Ratio Lower Upper
 146 100
 111 40.4 32.6 48.8
 148 64.2 51.1 76.7



#66
 1,2-Dibromo-3-chloropropane
 Concen: 20.806 ug/L
 RT: 12.48 min Scan# 3542
 Delta R.T. 0.00 min
 Lab File: VV009345.D
 Acq: 25 Feb 2019 11:17

Tgt Ion: 75 Resp: 7323
 Ion Ratio Lower Upper
 75 100
 157 124.8 88.6 133.0
 155 93.0 66.6 100.0

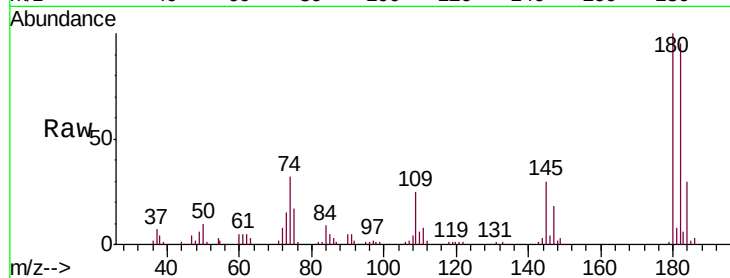




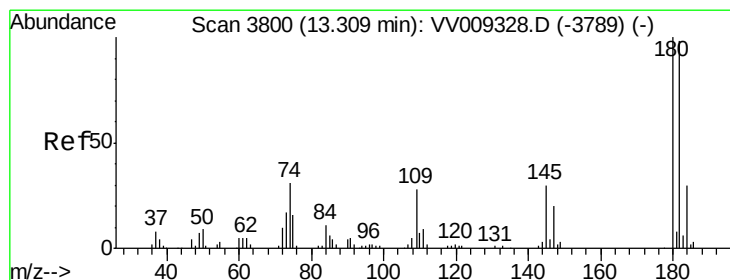
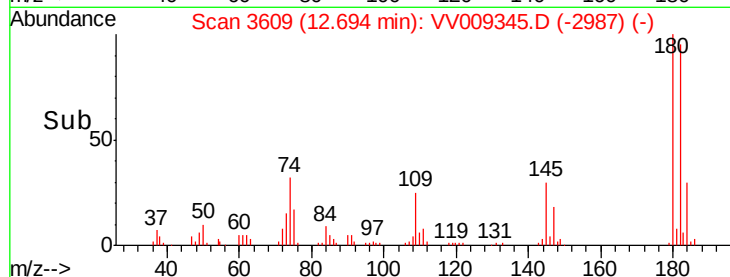
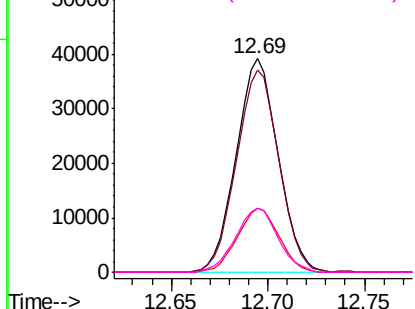
#67
 1,3,5-Trichlorobenzene
 Concen: 24.220 ug/L
 RT: 12.69 min Scan# 3609
 Delta R.T. -0.00 min
 Lab File: VV009345.D
 Acq: 25 Feb 2019 11:17

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02579

Tgt Ion:180 Resp: 59236
 Ion Ratio Lower Upper
 180 100
 182 95.3 77.4 116.2
 184 29.8 24.9 37.3
 145 30.3 24.3 36.5

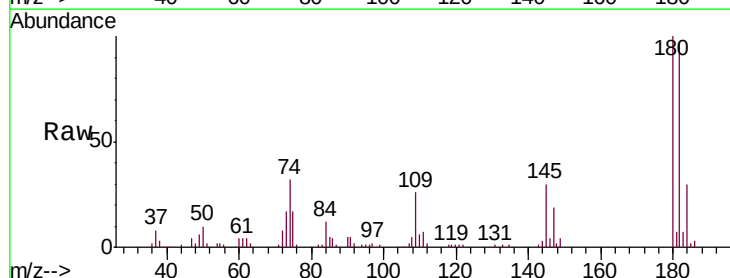


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

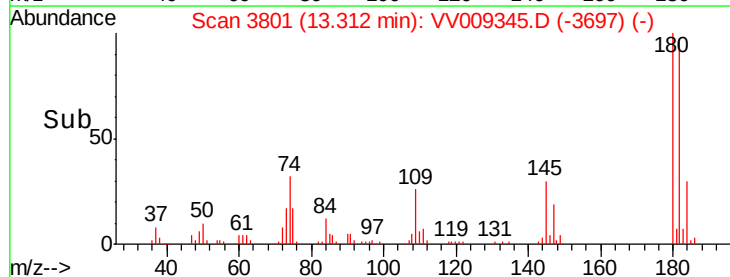
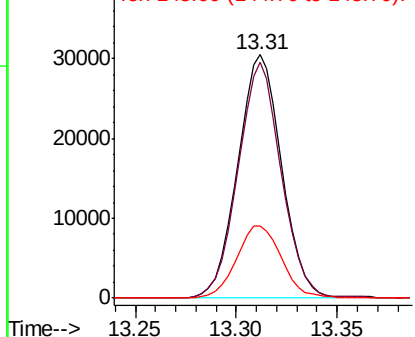


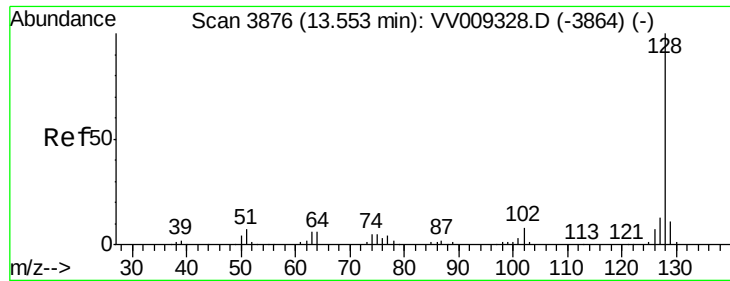
#68
 1,2,4-trichlorobenzene
 Concen: 23.304 ug/L
 RT: 13.31 min Scan# 3801
 Delta R.T. 0.00 min
 Lab File: VV009345.D
 Acq: 25 Feb 2019 11:17

Tgt Ion:180 Resp: 46505
 Ion Ratio Lower Upper
 180 100
 182 95.5 76.7 115.1
 145 30.4 25.1 37.7



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V





#69

Naphthalene

Concen: 22.570 ug/L

RT: 13.55 min Scan# 3876

Delta R.T. -0.00 min

Lab File: VV009345.D

Acq: 25 Feb 2019 11:17

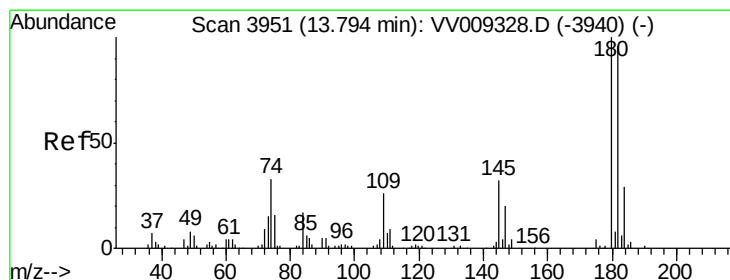
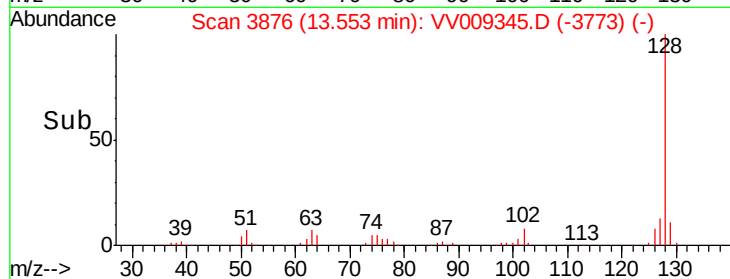
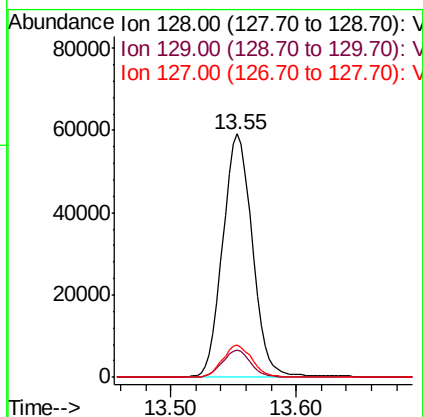
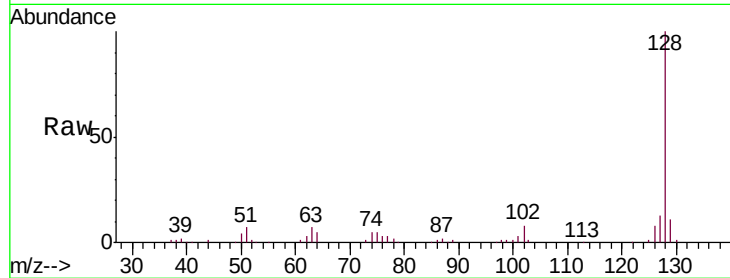
Instrument :

MSVOA_V

ClientSampleId :

VSTD02579

Tgt Ion:	128	Resp:	96537
Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	13.0
127	13.3	10.5	15.7



#70

1,2,3-Trichlorobenzene

Concen: 23.116 ug/L

RT: 13.79 min Scan# 3951

Delta R.T. -0.00 min

Lab File: VV009345.D

Acq: 25 Feb 2019 11:17

Tgt Ion:	180	Resp:	42572
Ion	Ratio	Lower	Upper
180	100		
182	94.3	73.6	110.4
145	32.1	26.1	39.1

