

Data File : VV012505.D
Acq On : 01 Sep 2019 12:59
Operator : SY/MD
Sample : VSTD10065
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD10065

Quant Time: Sep 02 02:52:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090119WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Sep 02 02:48:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	332592	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	326356	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	163733	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	221229	97.85	ug/L	0.00
7) Chloroethane-d5	1.58	69	238010	95.37	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	607924	99.52	ug/L	0.00
21) 2-Butanone-d5	3.93	46	402843	220.63	ug/L	0.00
24) Chloroform-d	4.40	84	462758	100.63	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	302395	102.43	ug/L	0.00
32) Benzene-d6	5.10	84	809964	101.57	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	289635	103.34	ug/L	0.00
41) Toluene-d8	7.36	98	790251	105.71	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	137678	105.91	ug/L	0.00
47) 2-Hexanone-d5	8.13	63	264015	238.34	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	423671	106.79	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	324503	99.64	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	278288	104.409	ug/L	100
3) Chloromethane	1.25	50	346528	101.670	ug/L	98
5) Vinyl chloride	1.33	62	371828	104.492	ug/L	97
6) Bromomethane	1.53	94	355001	123.082	ug/L	99
8) Chloroethane	1.60	64	268794	102.959	ug/L	100
9) Trichlorofluoromethane	1.77	101	548895	101.773	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	319229	102.493	ug/L	99
12) 1,1-Dichloroethene	2.14	96	308007	102.626	ug/L	99
13) Acetone	2.19	43	384699	197.755	ug/L	100
14) Carbon disulfide	2.32	76	670459	103.438	ug/L	100
15) Methyl Acetate	2.46	43	307213	107.697	ug/L	99
16) Methylene chloride	2.54	84	265171	102.200	ug/L	100
17) trans-1,2-Dichloroethene	2.79	96	241201	103.120	ug/L	98
18) Methyl tert-butyl Ether	2.80	73	789292	107.346	ug/L	100
19) 1,1-Dichloroethane	3.23	63	490643	103.549	ug/L	100
20) cis-1,2-Dichloroethene	3.96	96	272619	105.424	ug/L	100
22) 2-Butanone	4.01	43	472829	223.063	ug/L	98
23) Bromochloromethane	4.30	128	129002	103.864	ug/L	95
25) Chloroform	4.43	83	491721	102.055	ug/L	98
27) 1,2-Dichloroethane	5.18	62	422188	104.728	ug/L	99
29) Cyclohexane	4.73	56	446884	110.012	ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	404741	103.191	ug/L	99
31) Carbon tetrachloride	4.88	117	346143	103.796	ug/L	99
33) Benzene	5.15	78	1063123	104.604	ug/L	100
34) Trichloroethene	5.96	95	274462	97.811	ug/L	99
35) Methylcyclohexane	6.18	83	445809	109.514	ug/L	99
37) 1,2-Dichloropropane	6.22	63	282423	103.170	ug/L	99
38) Bromodichloromethane	6.55	83	378732	104.947	ug/L	97
39) cis-1,3-Dichloropropene	7.07	75	450601	114.831	ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	882703	230.422	ug/L	99

Data File : VV012505.D
Acq On : 01 Sep 2019 12:59
Operator : SY/MD
Sample : VSTD10065
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD10065

Quant Time: Sep 02 02:52:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090119WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Sep 02 02:48:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	1161093	108.823	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	402156	113.258	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	259555	104.899	ug/L	99
46) Tetrachloroethene	8.02	164	194142	102.816	ug/L	97
48) 2-Hexanone	8.18	43	715665	238.585	ug/L	99
49) Dibromochloromethane	8.29	129	279387	107.680	ug/L	100
50) 1,2-Dibromoethane	8.40	107	269210	105.201	ug/L	98
51) Chlorobenzene	8.92	112	701269	104.674	ug/L	100
52) Ethylbenzene	9.05	91	1298678	112.314	ug/L	99
53) m,p-Xylene	9.18	106	469480	113.045	ug/L	100
54) o-xylene	9.59	106	467795	112.904	ug/L	97
55) Styrene	9.60	104	812905	115.858	ug/L	99
56) Isopropylbenzene	9.97	105	1252818	115.962	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.28	83	413758	112.753	ug/L	97
59) 1,2,3-Trichloropropane	10.32	75	350295	105.557	ug/L	100
61) Bromoform	9.77	173	186748	103.929	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	539612	104.368	ug/L	98
63) 1,4-Dichlorobenzene	11.31	146	539304	100.799	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	537213	102.755	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	89883	102.017	ug/L	97
67) 1,3,5-Trichlorobenzene	12.69	180	369129	106.876	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	321356	113.129	ug/L	97
69) Naphthalene	13.55	128	1068680	120.337	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	333606	114.147	ug/L	98

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

Data File : VV012505.D

Acq On : 01 Sep 2019 12:59

Operator : SY/MD

Sample : VSTD10065

Misc : 5mL/MSVOA V/WATER

```
ALS Vial      : 6      Sample Multiplier: 1
```

Instrument :
MSVOA_V
ClientSampleId :
VSTD10065

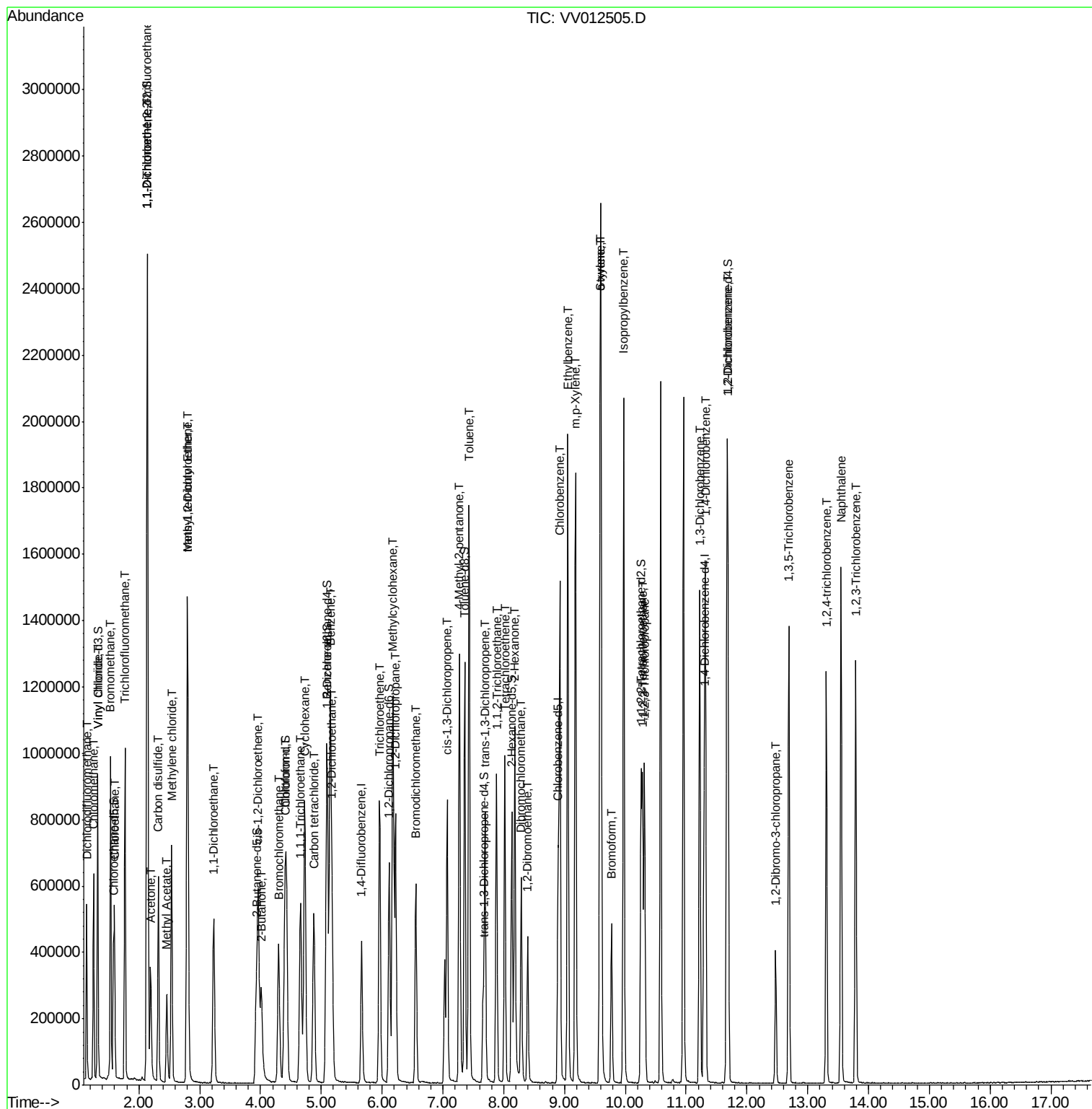
Quant Time: Sep 02 02:52:19 2019

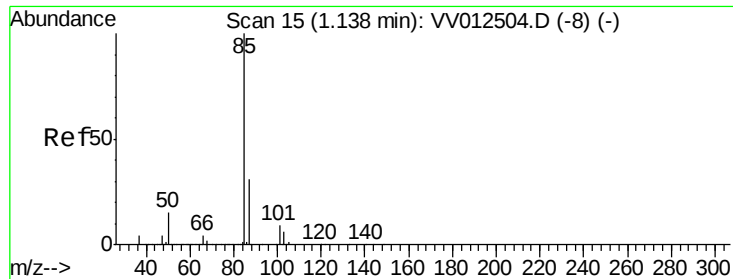
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_V\METHOD\SOMVLM090119WMA.M

Quant Title : VOC Analysis

QLast Update : Mon Sep 02 02:48:11 2019

Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 104.409 ug/L

RT: 1.14 min Scan# 15

Delta R.T. 0.00 min

Lab File: VV012505.D

Acq: 01 Sep 2019 12:59

Instrument :

MSVOA_V

ClientSampleId :

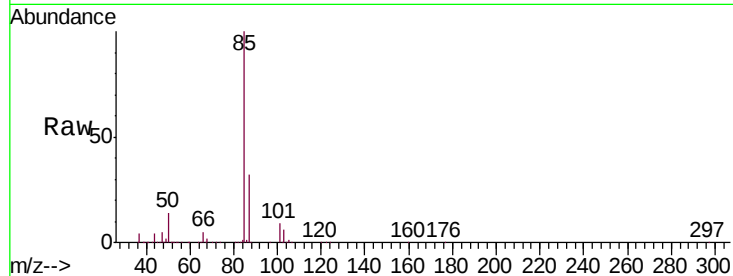
VSTD10065

Tgt Ion: 85 Resp: 278288

Ion Ratio Lower Upper

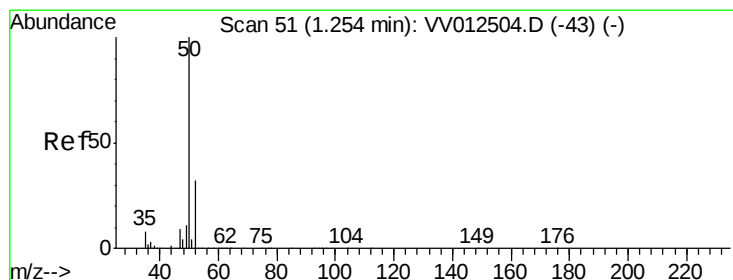
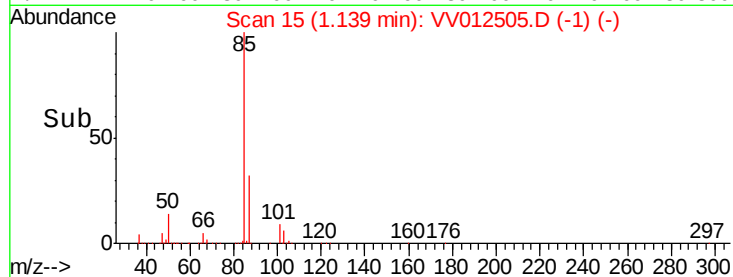
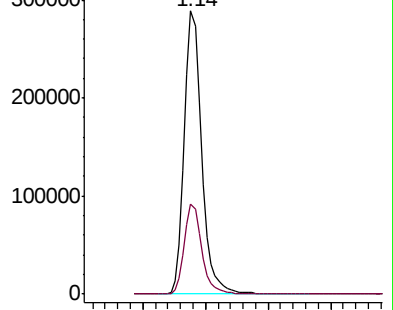
85 100

87 31.7 25.4 38.0



Abundance Ion 85.00 (84.70 to 85.70): VV012505.D (-1) (-)

Ion 87.00 (86.70 to 87.70): VV012505.D (-1) (-)



#3

Chloromethane

Concen: 101.670 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV012505.D

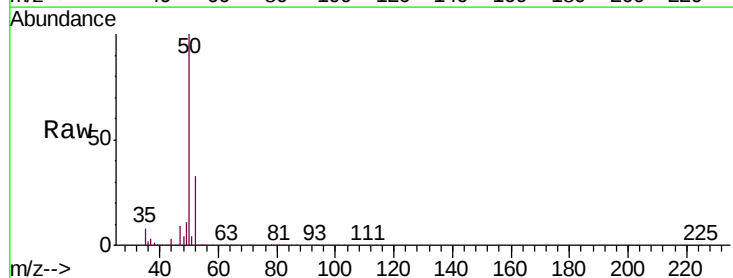
Acq: 01 Sep 2019 12:59

Tgt Ion: 50 Resp: 346528

Ion Ratio Lower Upper

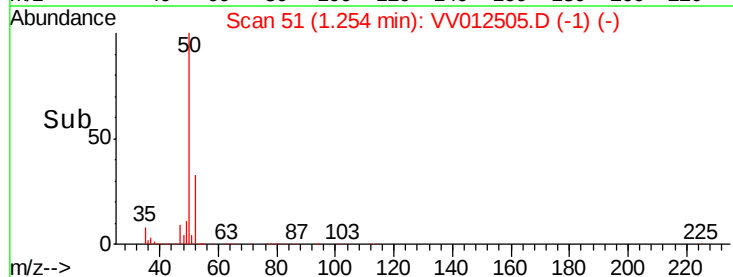
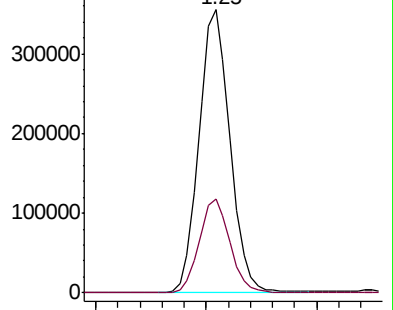
50 100

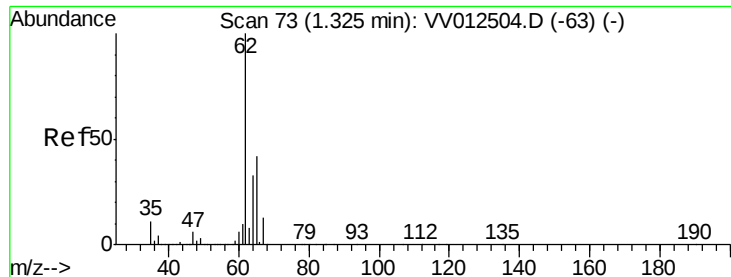
52 33.2 22.4 41.6



Abundance Ion 50.00 (49.70 to 50.70): VV012505.D (-1) (-)

Ion 52.00 (51.70 to 52.70): VV012505.D (-1) (-)





#5

Vinyl chloride

Concen: 104.492 ug/L

RT: 1.33 min Scan# 73

Delta R.T. 0.00 min

Lab File: VV012505.D

Acq: 01 Sep 2019 12:59

Instrument :

MSVOA_V

ClientSampleId :

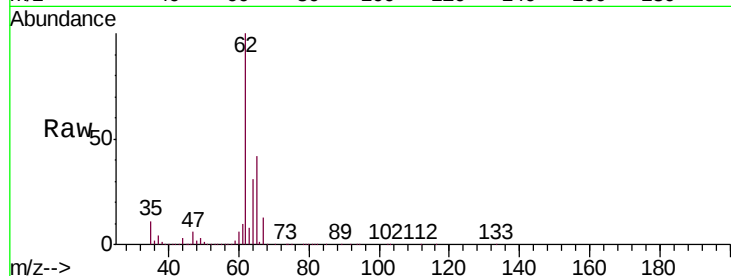
VSTD10065

Tgt Ion: 62 Resp: 371828

Ion Ratio Lower Upper

62 100

64 31.2 22.9 42.5



Abundance Ion 62.00 (61.70 to 62.70): VV012504.D (-63) (-)

Ion 64.00 (63.70 to 64.70): VV012504.D (-63) (-)

1.33

400000

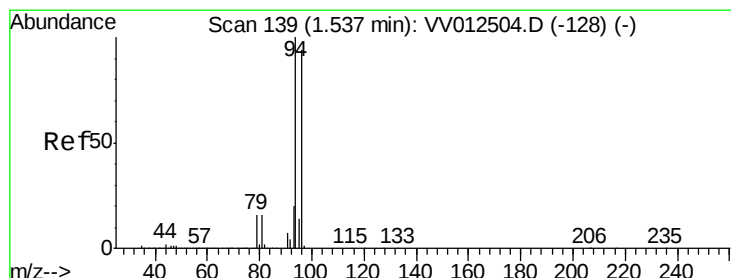
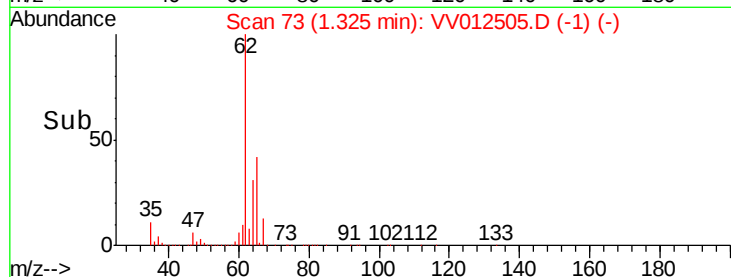
300000

200000

100000

0

Time--> 1.25 1.30 1.35 1.40



#6

Bromomethane

Concen: 123.082 ug/L

RT: 1.53 min Scan# 138

Delta R.T. -0.00 min

Lab File: VV012505.D

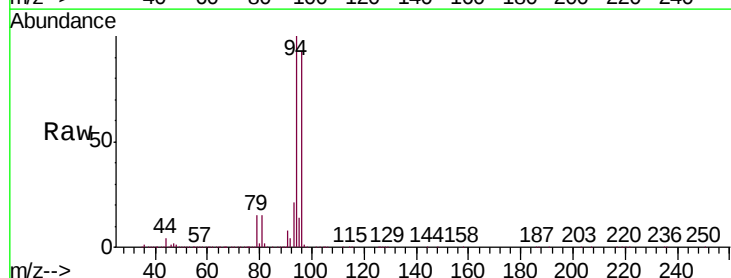
Acq: 01 Sep 2019 12:59

Tgt Ion: 94 Resp: 355001

Ion Ratio Lower Upper

94 100

96 93.0 65.9 122.5



Abundance Ion 94.00 (93.70 to 94.70): VV012504.D (-128) (-)

Ion 96.00 (95.70 to 96.70): VV012504.D (-128) (-)

1.53

400000

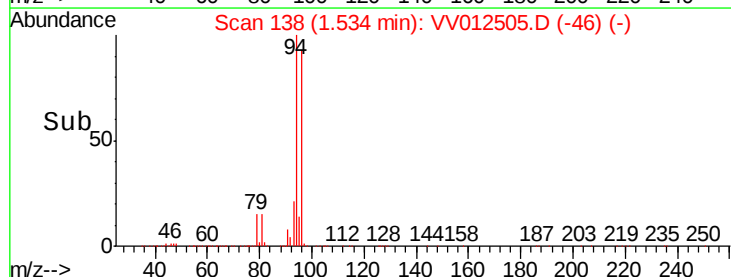
300000

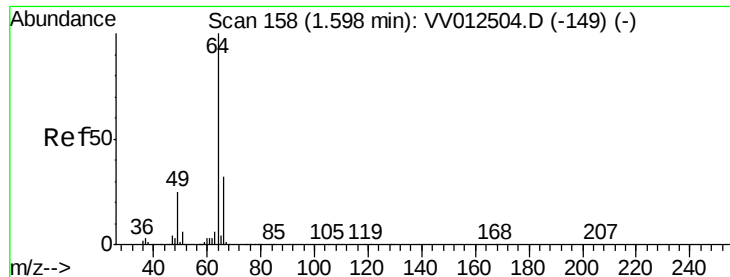
200000

100000

0

Time--> 1.50 1.55 1.60





#8

Chloroethane

Concen: 102.959 ug/L

RT: 1.60 min Scan# 158

Delta R.T. 0.00 min

Lab File: VV012505.D

Acq: 01 Sep 2019 12:59

Instrument :

MSVOA_V

ClientSampleId :

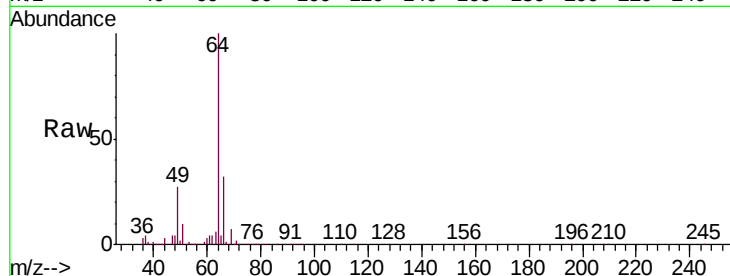
VSTD10065

Tgt Ion: 64 Resp: 268794

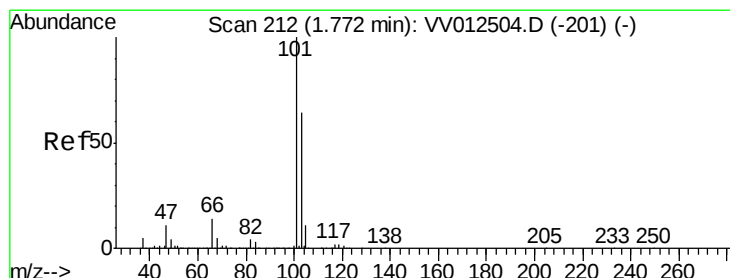
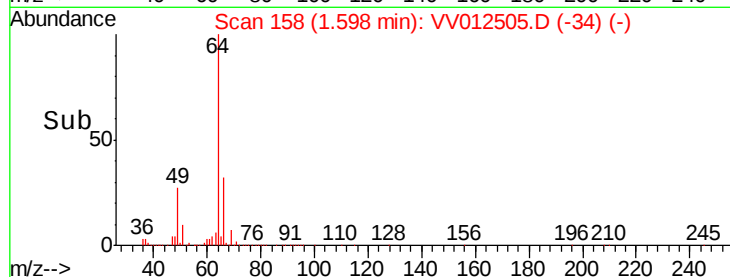
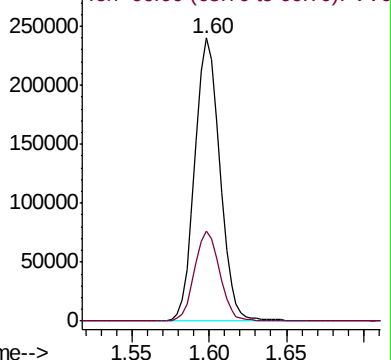
Ion Ratio Lower Upper

64 100

66 31.8 22.5 41.7



Abundance Ion 64.00 (63.70 to 64.70): VV012505.D (-34) (-)



#9

Trichlorofluoromethane

Concen: 101.773 ug/L

RT: 1.77 min Scan# 211

Delta R.T. -0.00 min

Lab File: VV012505.D

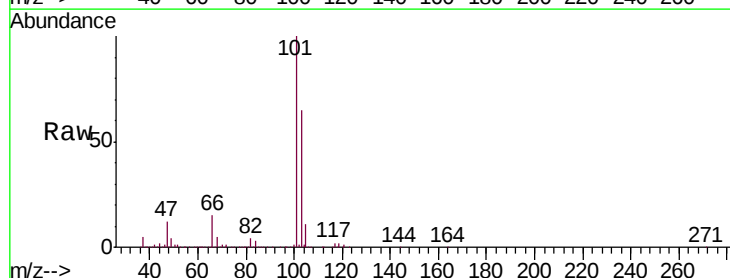
Acq: 01 Sep 2019 12:59

Tgt Ion: 101 Resp: 548895

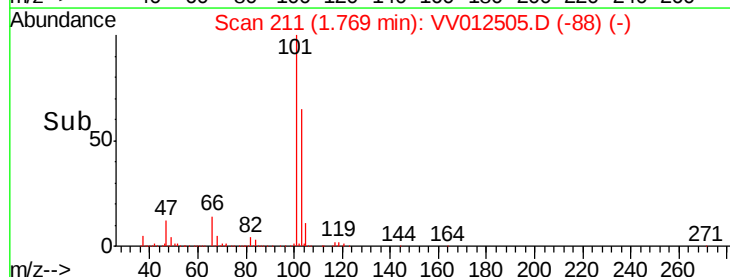
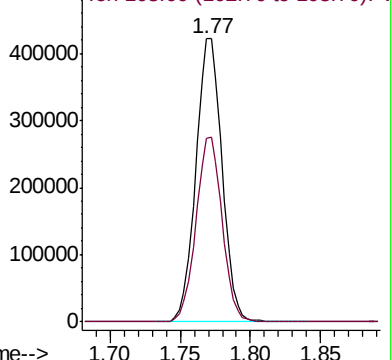
Ion Ratio Lower Upper

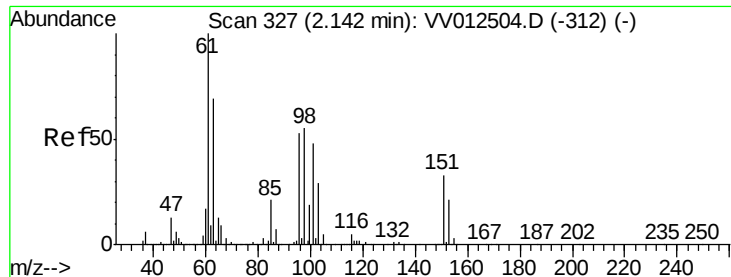
101 100

103 65.0 50.9 76.3



Abundance Ion 101.00 (100.70 to 101.70): VV012505.D (-88) (-)





#10

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

Concen: 102.493 ug/L

RT: 2.14 min Scan# 327

Delta R.T. 0.00 min

Lab File: VV012505.D

Acq: 01 Sep 2019 12:59

Instrument :

MSVOA_V

ClientSampleId :

VSTD10065

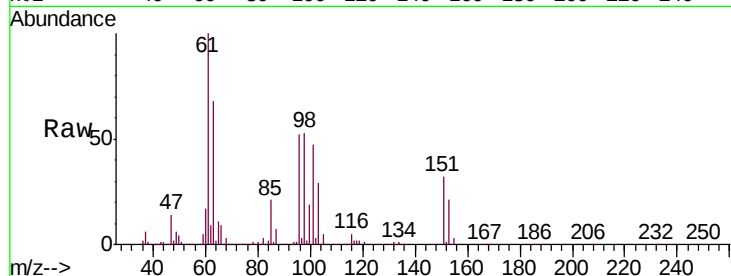
Tgt Ion: 101 Resp: 319229

Ion Ratio Lower Upper

101 100

85 45.2 36.2 54.2

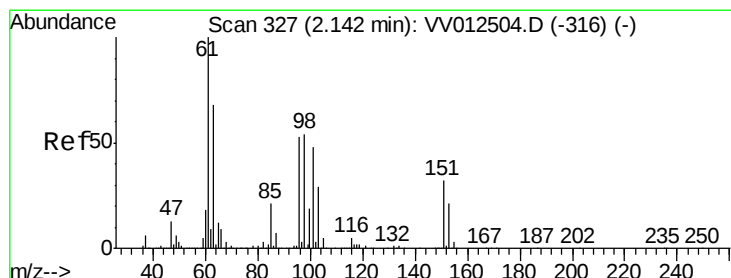
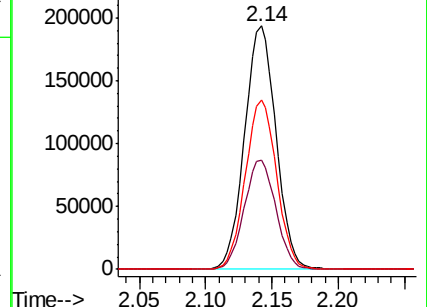
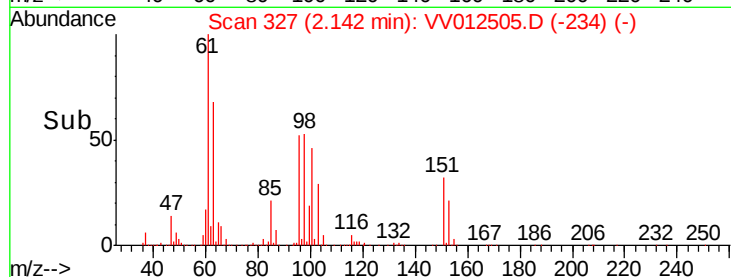
151 69.4 54.8 82.2



Abundance Ion 101.00 (100.70 to 101.70): VV012505.D (-234) (-)

Ion 85.00 (84.70 to 85.70): VV012505.D (-234) (-)

Ion 151.00 (150.70 to 151.70): VV012505.D (-234) (-)



#12

1,1-Dichloroethene

Concen: 102.626 ug/L

RT: 2.14 min Scan# 327

Delta R.T. 0.00 min

Lab File: VV012505.D

Acq: 01 Sep 2019 12:59

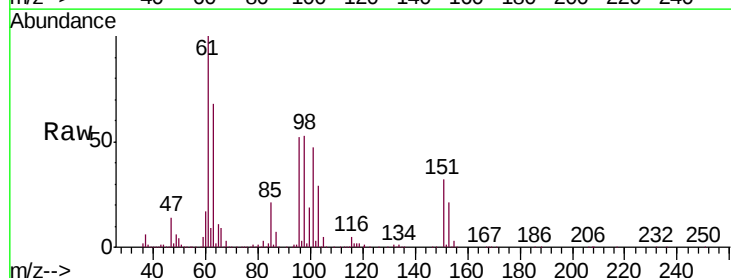
Tgt Ion: 96 Resp: 308007

Ion Ratio Lower Upper

96 100

61 191.0 132.4 246.0

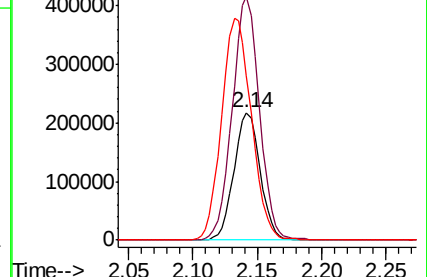
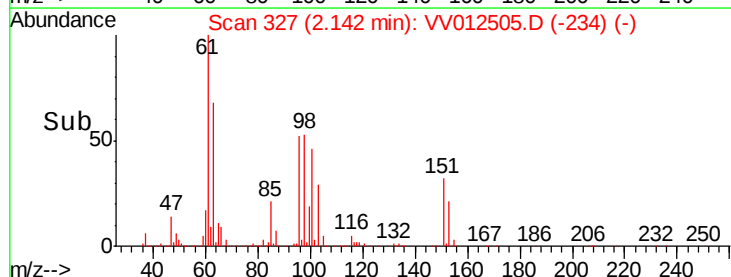
63 129.3 92.0 170.9

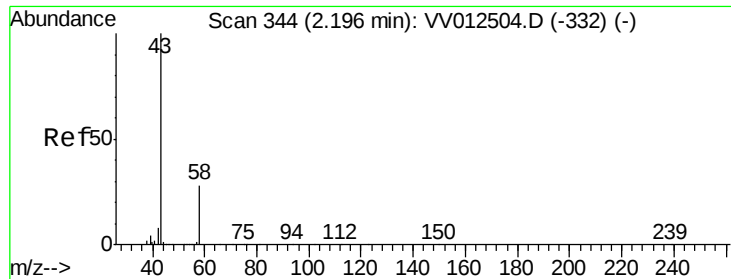


Abundance Ion 96.00 (95.70 to 96.70): VV012505.D (-234) (-)

Ion 61.00 (60.70 to 61.70): VV012505.D (-234) (-)

Ion 63.00 (62.70 to 63.70): VV012505.D (-234) (-)





#13

Acetone

Concen: 197.755 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.00 min

Lab File: VV012505.D

Acq: 01 Sep 2019 12:59

Instrument :

MSVOA_V

ClientSampleId :

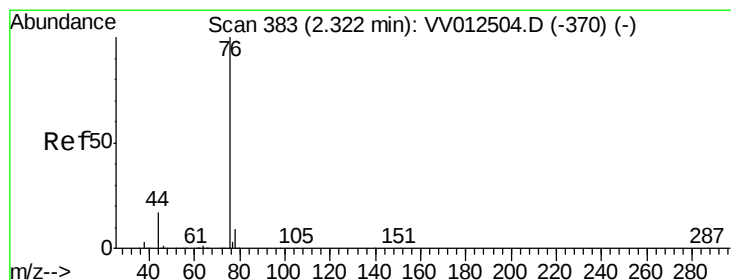
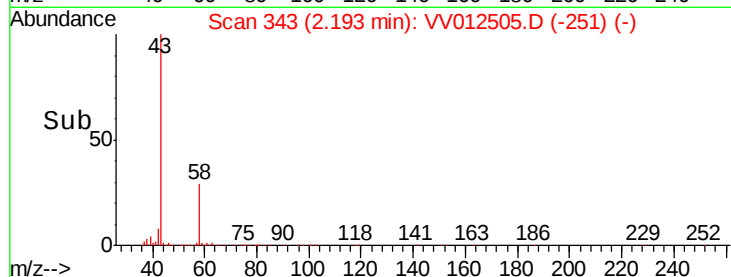
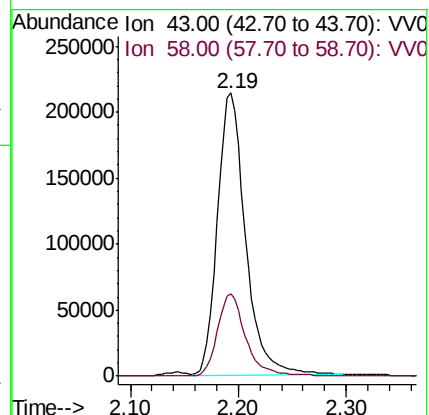
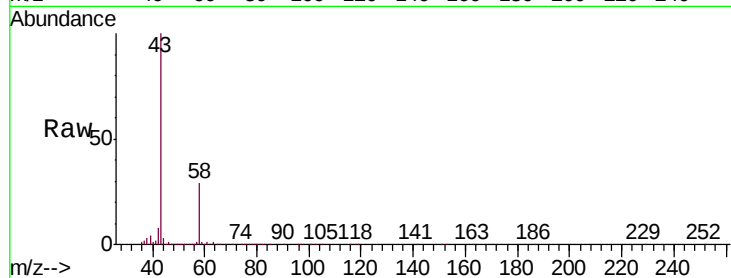
VSTD10065

Tgt Ion: 43 Resp: 384699

Ion Ratio Lower Upper

43 100

58 28.7 0.0 57.6



#14

Carbon disulfide

Concen: 103.438 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VV012505.D

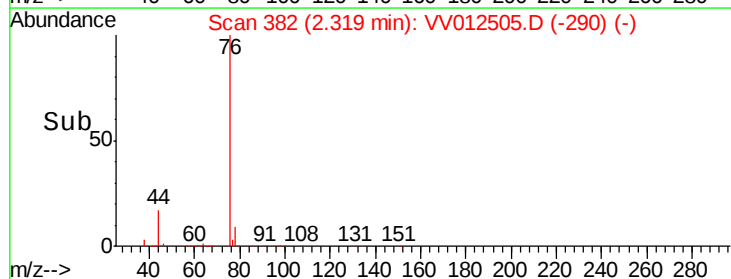
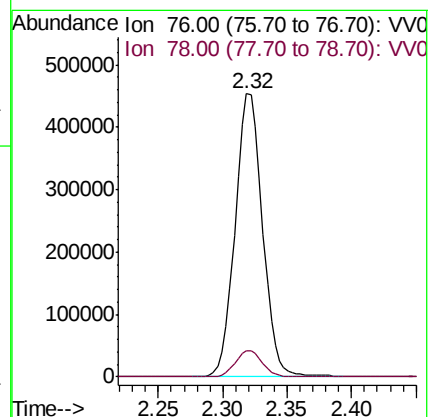
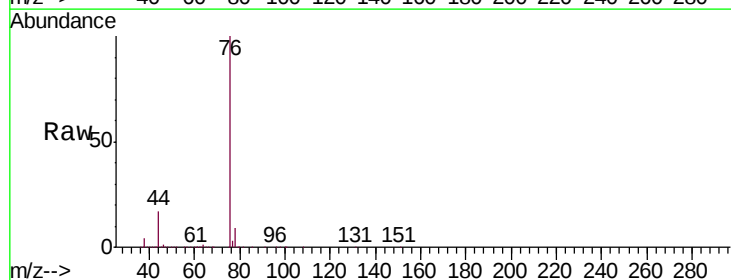
Acq: 01 Sep 2019 12:59

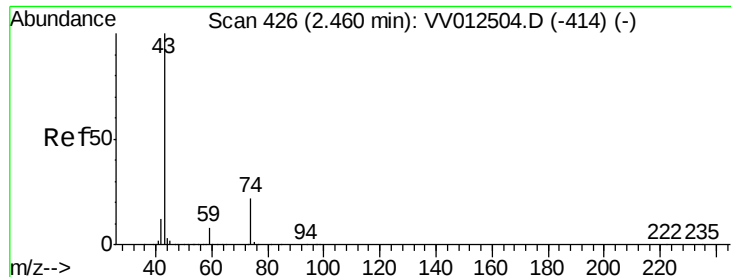
Tgt Ion: 76 Resp: 670459

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.2





#15

Methyl Acetate

Concen: 107.697 ug/L

RT: 2.46 min Scan# 426

Delta R.T. 0.00 min

Lab File: VV012505.D

Acq: 01 Sep 2019 12:59

Instrument :

MSVOA_V

ClientSampleId :

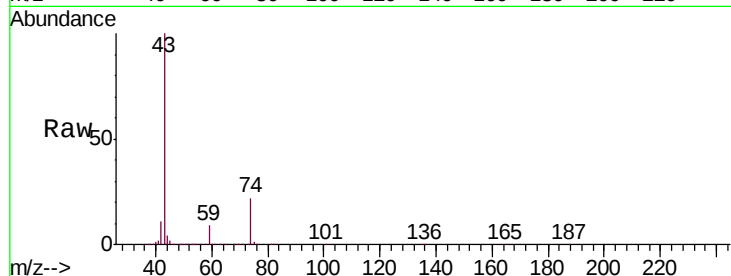
VSTD10065

Tgt Ion: 43 Resp: 307213

Ion Ratio Lower Upper

43 100

74 22.2 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VV012505.D (-333) (-)

Ion 74.00 (73.70 to 74.70): VV012505.D (-333) (-)

2.46

150000

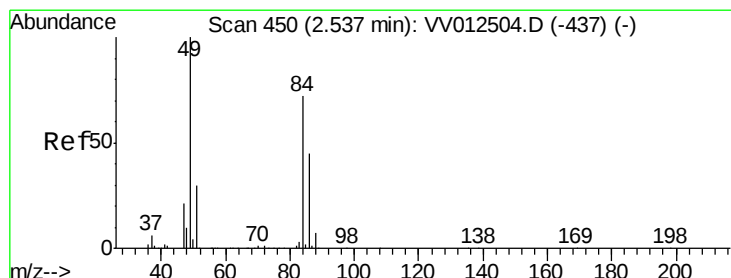
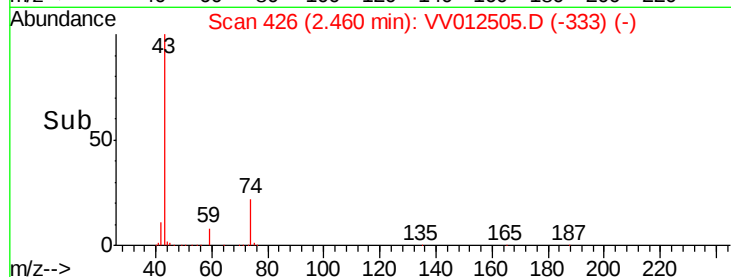
100000

50000

0

2.40 2.50 2.60

Time-->



#16

Methylene chloride

Concen: 102.200 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV012505.D

Acq: 01 Sep 2019 12:59

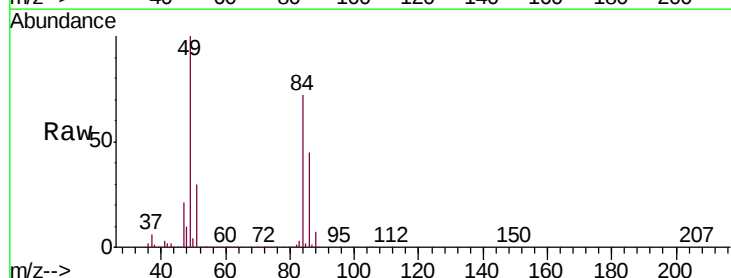
Tgt Ion: 84 Resp: 265171

Ion Ratio Lower Upper

84 100

86 63.2 43.5 80.7

49 139.1 97.3 180.7



Abundance Ion 84.00 (83.70 to 84.70): VV012505.D (-357) (-)

Ion 86.00 (85.70 to 86.70): VV012505.D (-357) (-)

Ion 49.00 (48.70 to 49.70): VV012505.D (-357) (-)

2.54

300000

250000

200000

150000

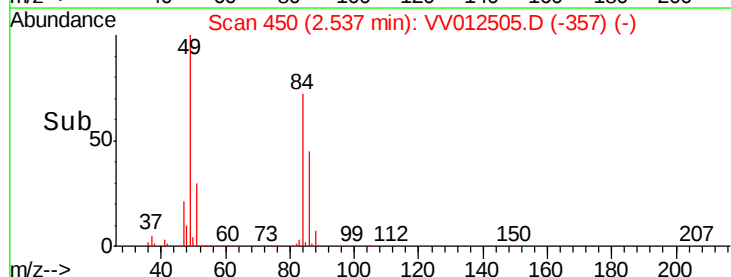
100000

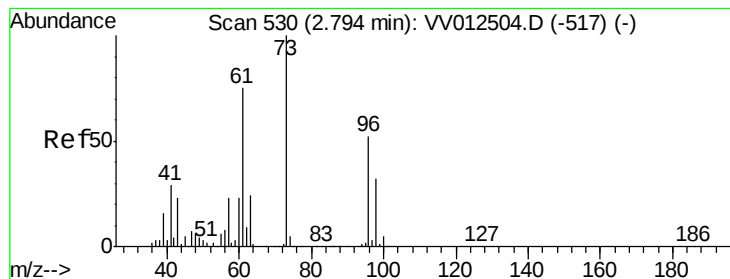
50000

0

2.45 2.50 2.55 2.60

Time-->





#17

trans-1,2-Dichloroethene

Concen: 103.120 ug/L

RT: 2.79 min Scan# 530

Delta R.T. 0.00 min

Lab File: VV012505.D

Acq: 01 Sep 2019 12:59

Instrument :

MSVOA_V

ClientSampled :

VSTD10065

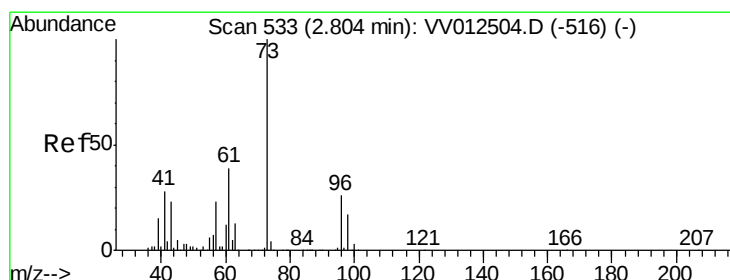
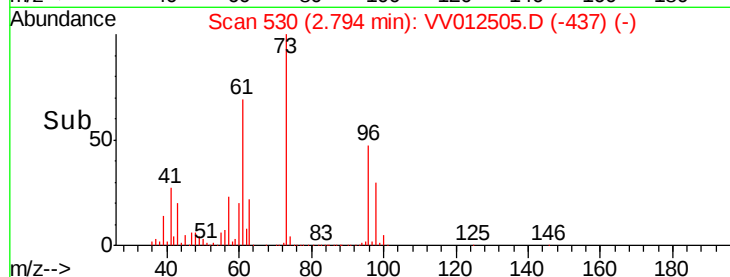
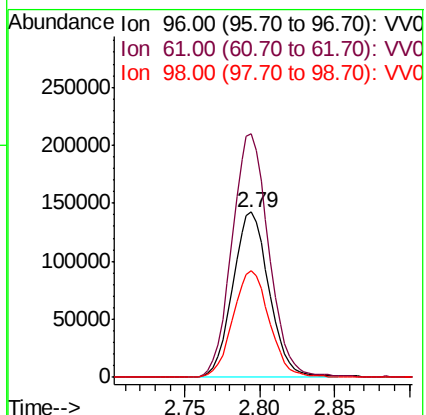
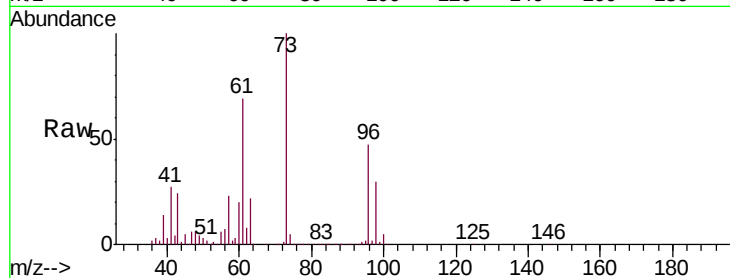
Tgt Ion: 96 Resp: 241201

Ion Ratio Lower Upper

96 100

61 147.3 101.4 188.2

98 64.7 43.3 80.5



#18

Methyl tert-butyl Ether

Concen: 107.346 ug/L

RT: 2.80 min Scan# 533

Delta R.T. 0.00 min

Lab File: VV012505.D

Acq: 01 Sep 2019 12:59

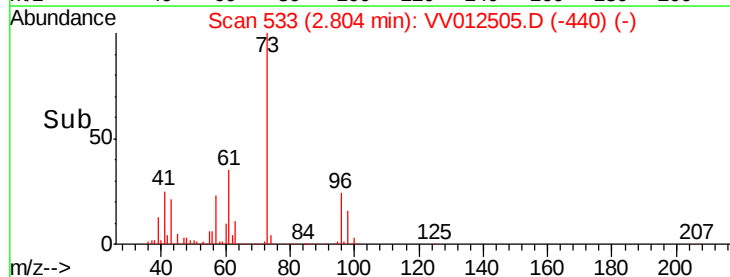
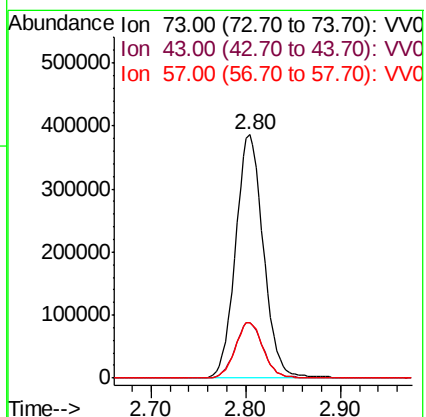
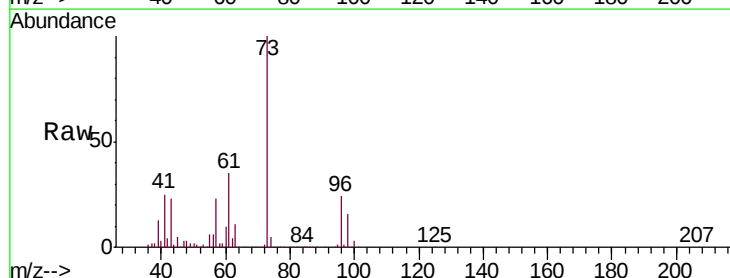
Tgt Ion: 73 Resp: 789292

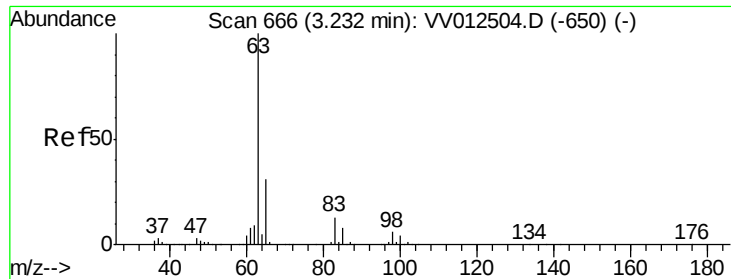
Ion Ratio Lower Upper

73 100

43 22.6 18.1 27.1

57 22.8 18.5 27.7

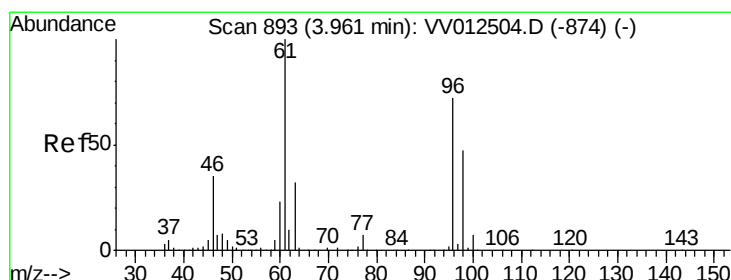
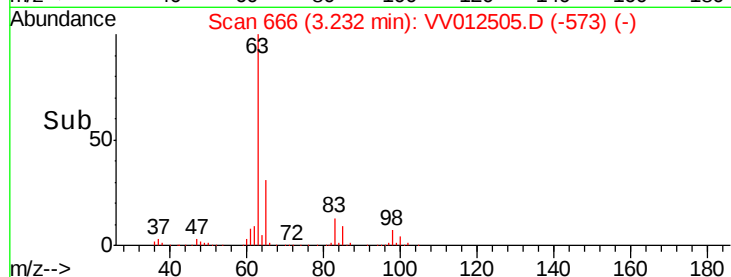
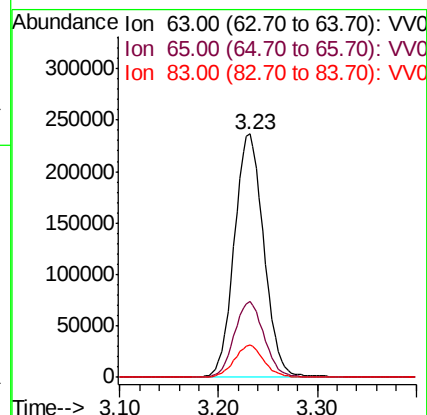
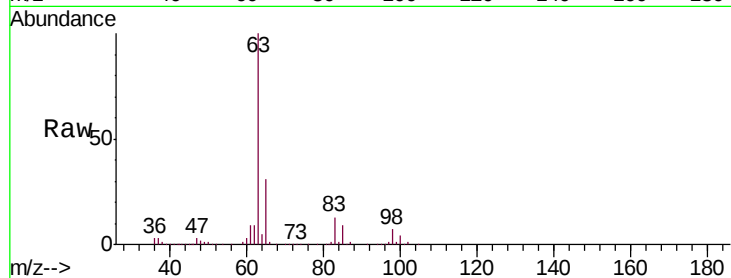




#19
 1,1-Dichloroethane
 Concen: 103.549 ug/L
 RT: 3.23 min Scan# 666
 Delta R.T. 0.00 min
 Lab File: VV012505.D
 Acq: 01 Sep 2019 12:59

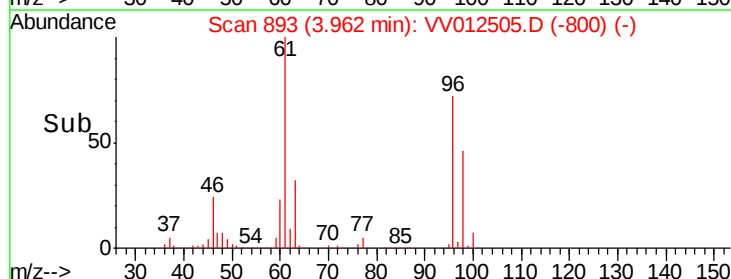
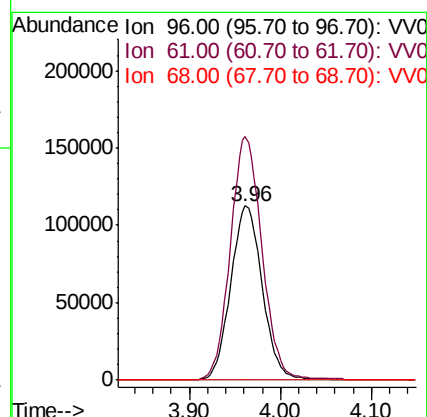
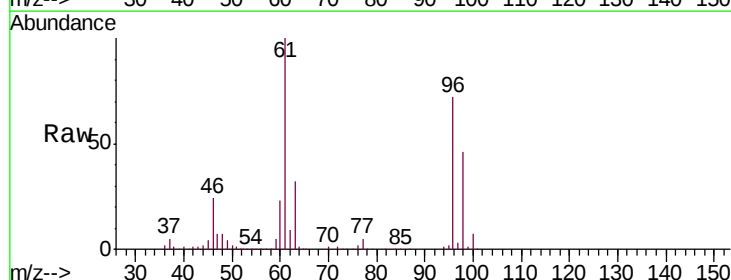
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD10065

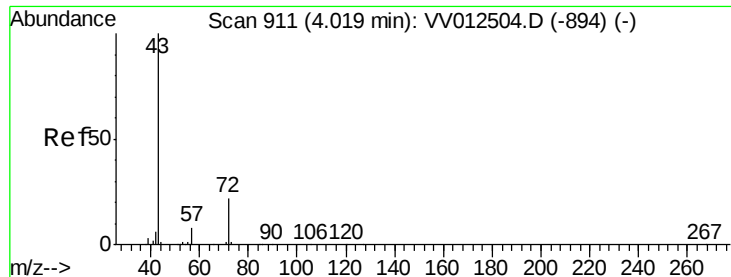
Tgt Ion: 63 Resp: 490643
 Ion Ratio Lower Upper
 63 100
 65 31.0 21.8 40.6
 83 13.1 9.3 17.3



#20
 cis-1,2-Dichloroethene
 Concen: 105.424 ug/L
 RT: 3.96 min Scan# 893
 Delta R.T. 0.00 min
 Lab File: VV012505.D
 Acq: 01 Sep 2019 12:59

Tgt Ion: 96 Resp: 272619
 Ion Ratio Lower Upper
 96 100
 61 139.6 97.8 181.6
 68 0.0 0.0 0.0





#22

2-Butanone

Concen: 223.063 ug/L

RT: 4.01 min Scan# 909

Delta R.T. -0.01 min

Lab File: VV012505.D

Acq: 01 Sep 2019 12:59

Instrument :

MSVOA_V

ClientSampleId :

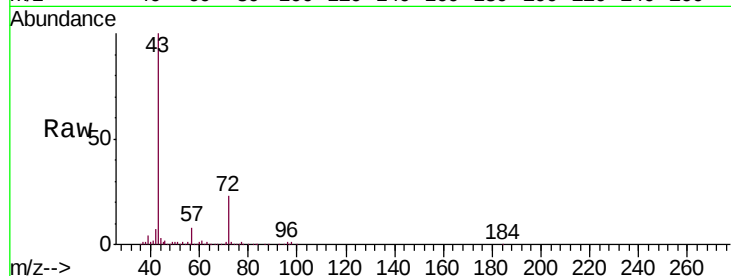
VSTD10065

Tgt Ion: 43 Resp: 472829

Ion Ratio Lower Upper

43 100

72 23.0 10.9 32.7



Abundance Ion 43.00 (42.70 to 43.70): VV012504.D (-894) (-)

Ion 72.00 (71.70 to 72.70): VV012504.D (-894) (-)

4.01

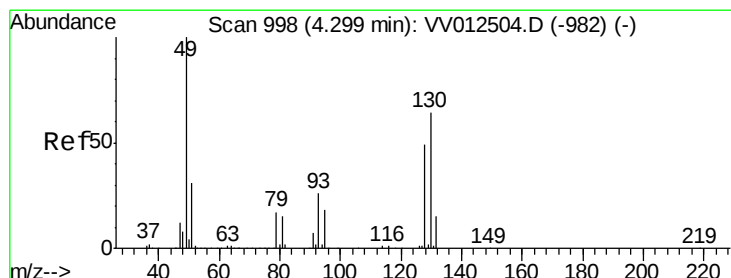
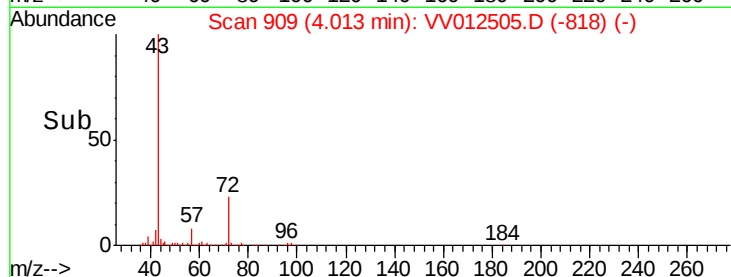
150000

100000

50000

0

Time-->



#23

Bromochloromethane

Concen: 103.864 ug/L

RT: 4.30 min Scan# 998

Delta R.T. 0.00 min

Lab File: VV012505.D

Acq: 01 Sep 2019 12:59

Tgt Ion: 128 Resp: 129002

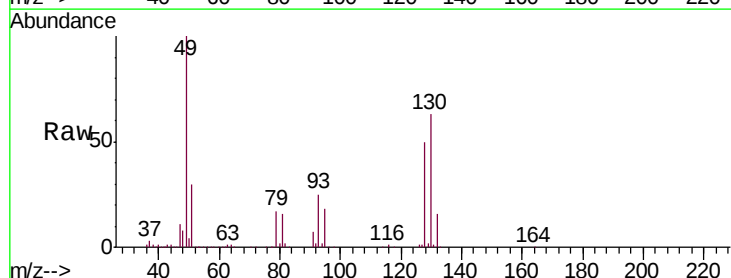
Ion Ratio Lower Upper

128 100

49 198.5 144.1 267.5

130 126.0 91.6 170.2

51 59.8 51.1 76.7



Abundance Ion 128.00 (127.70 to 128.70): VV012505.D (-905) (-)

Ion 49.00 (48.70 to 49.70): VV012505.D (-905) (-)

Ion 130.00 (129.70 to 130.70): VV012505.D (-905) (-)

Ion 51.00 (50.70 to 51.70): VV012505.D (-905) (-)

4.30

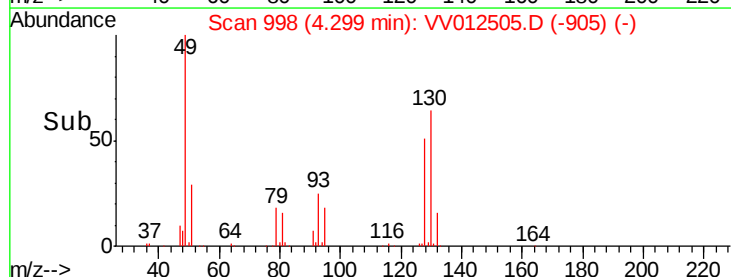
150000

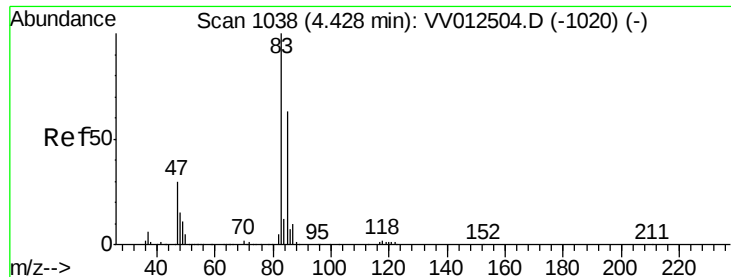
100000

50000

0

Time-->





#25

Chloroform

Concen: 102.055 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.00 min

Lab File: VV012505.D

Acq: 01 Sep 2019 12:59

Instrument :

MSVOA_V

ClientSampleId :

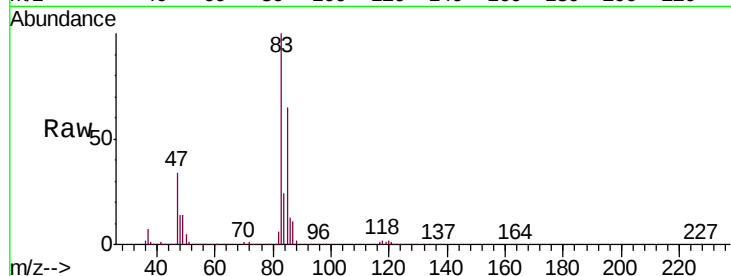
VSTD10065

Tgt Ion: 83 Resp: 491721

Ion Ratio Lower Upper

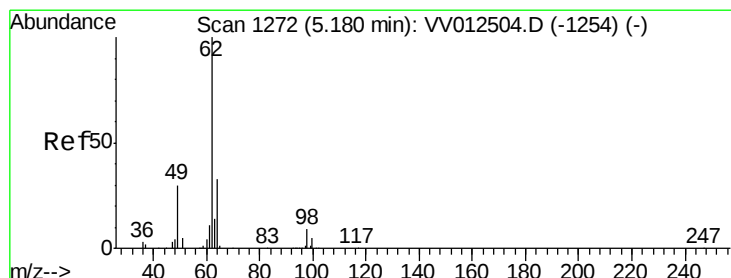
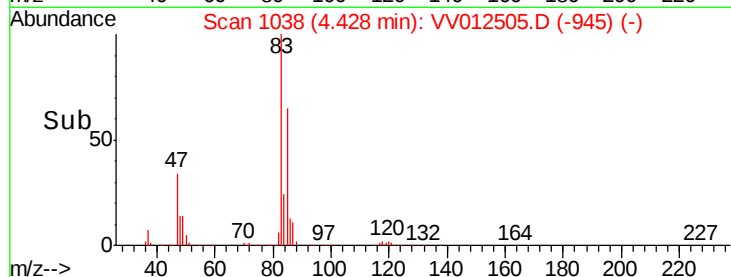
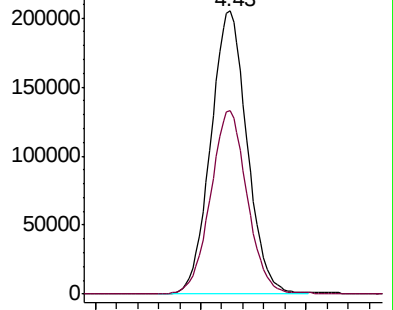
83 100

85 64.8 44.4 82.4



Abundance Ion 83.00 (82.70 to 83.70): VV012505.D (-945) (-)

Ion 85.00 (84.70 to 85.70): VV012505.D (-945) (-)



#27

1,2-Dichloroethane

Concen: 104.728 ug/L

RT: 5.18 min Scan# 1272

Delta R.T. 0.00 min

Lab File: VV012505.D

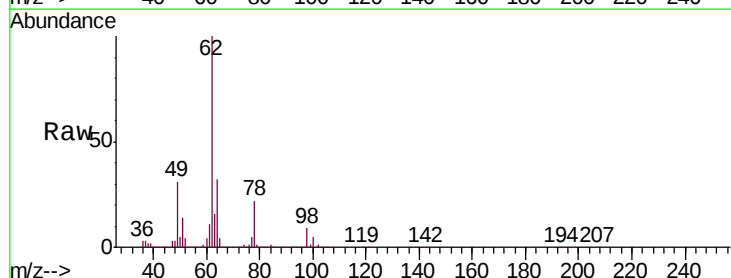
Acq: 01 Sep 2019 12:59

Tgt Ion: 62 Resp: 422188

Ion Ratio Lower Upper

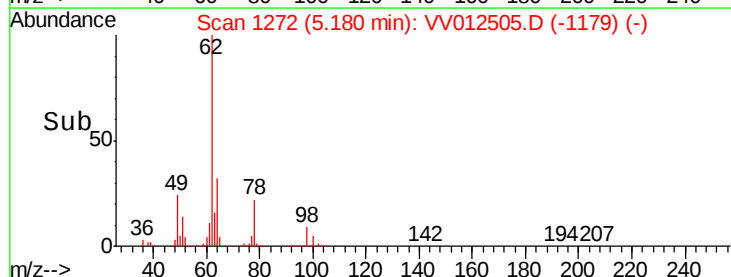
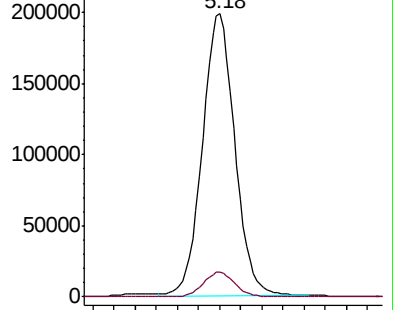
62 100

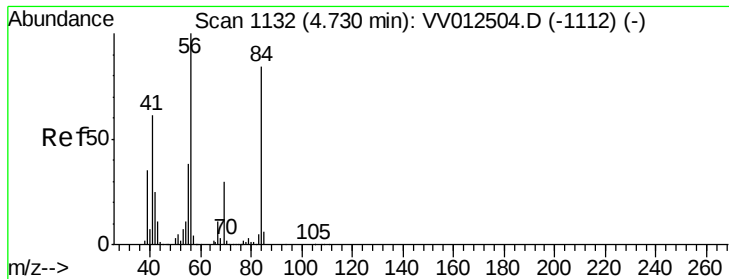
98 8.7 7.3 10.9



Abundance Ion 62.00 (61.70 to 62.70): VV012505.D (-1179) (-)

Ion 98.00 (97.70 to 98.70): VV012505.D (-1179) (-)

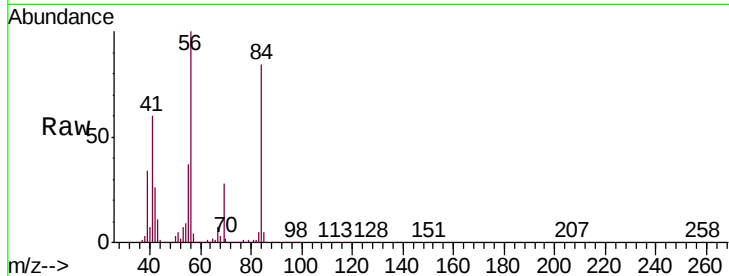




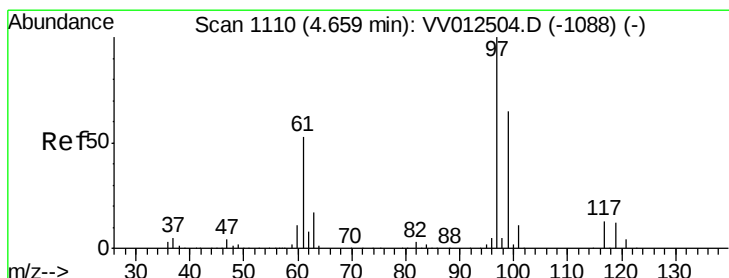
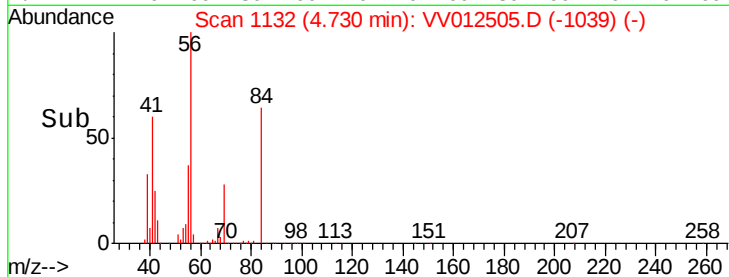
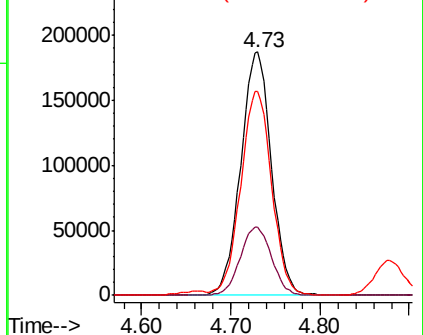
#29
Cyclohexane
Concen: 110.012 ug/L
RT: 4.73 min Scan# 1132
Delta R.T. 0.00 min
Lab File: VV012505.D
Acq: 01 Sep 2019 12:59

Instrument :
MSVOA_V
ClientSampleId :
VSTD10065

Tgt Ion: 56 Resp: 446884
Ion Ratio Lower Upper
56 100
69 28.7 23.5 35.3
84 83.9 66.2 99.4

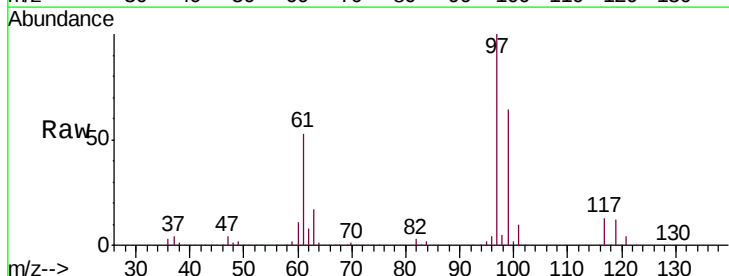


Abundance Ion 56.00 (55.70 to 56.70): VV0
Ion 69.00 (68.70 to 69.70): VV0
Ion 84.00 (83.70 to 84.70): VV0

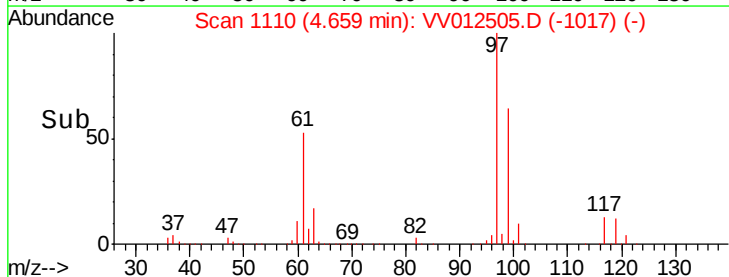
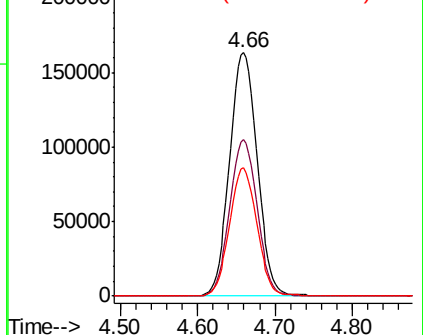


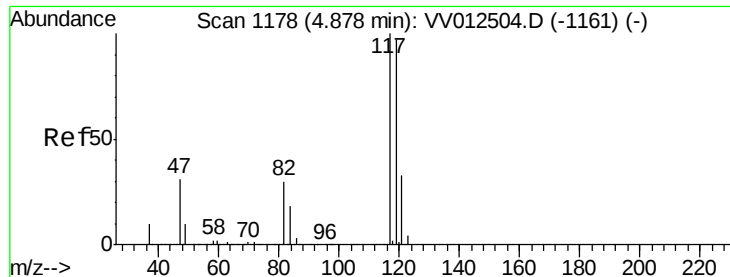
#30
1,1,1-Trichloroethane
Concen: 103.191 ug/L
RT: 4.66 min Scan# 1110
Delta R.T. 0.00 min
Lab File: VV012505.D
Acq: 01 Sep 2019 12:59

Tgt Ion: 97 Resp: 404741
Ion Ratio Lower Upper
97 100
99 63.7 50.6 76.0
61 51.7 41.7 62.5



Abundance Ion 97.00 (96.70 to 97.70): VV0
Ion 99.00 (98.70 to 99.70): VV0
Ion 61.05 (60.75 to 61.75): VV0

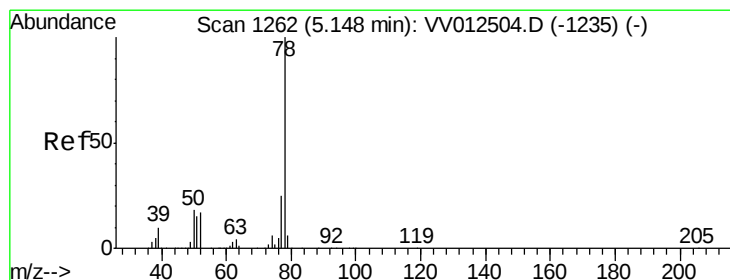
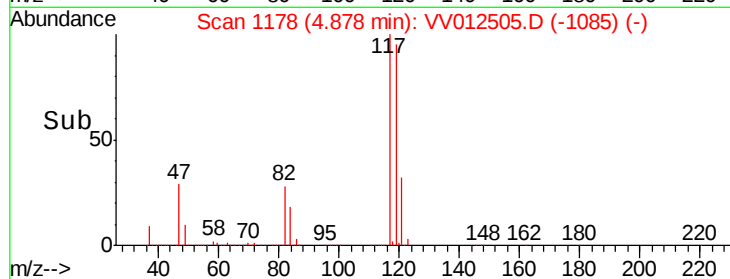
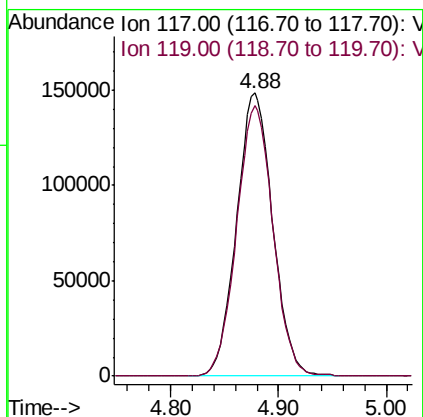
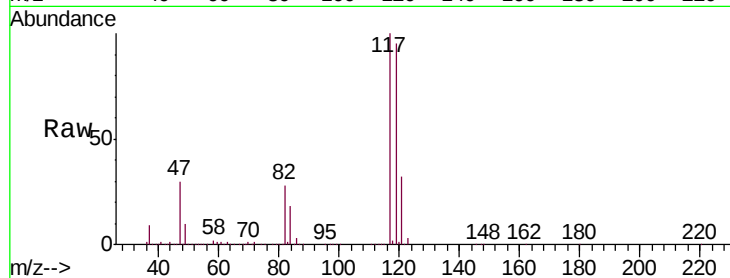




#31
Carbon tetrachloride
Concen: 103.796 ug/L
RT: 4.88 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VV012505.D
Acq: 01 Sep 2019 12:59

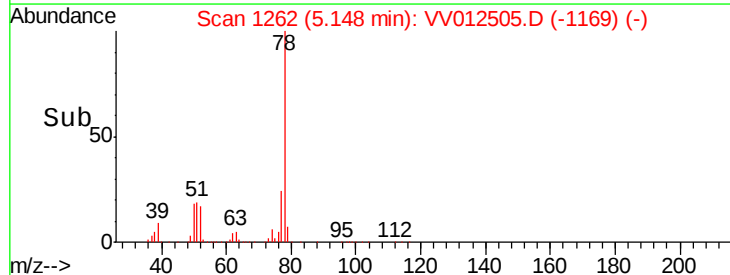
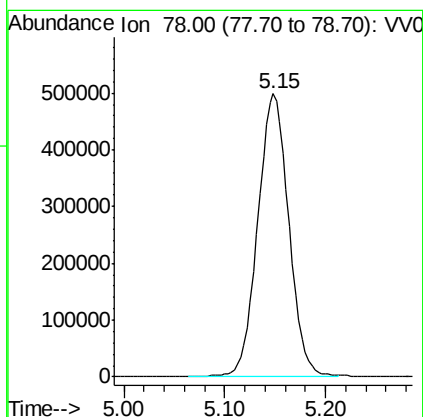
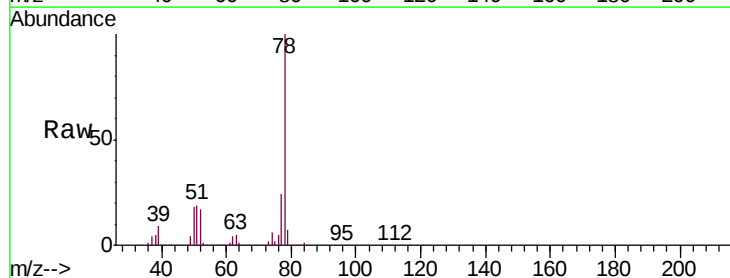
Instrument :
MSVOA_V
ClientSampleId :
VSTD10065

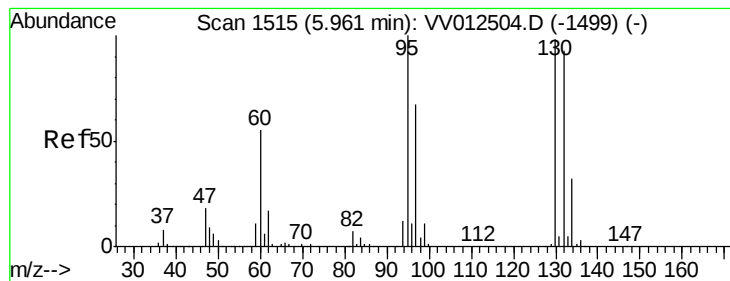
Tgt Ion:117 Resp: 346143
Ion Ratio Lower Upper
117 100
119 96.0 77.5 116.3



#33
Benzene
Concen: 104.604 ug/L
RT: 5.15 min Scan# 1262
Delta R.T. 0.00 min
Lab File: VV012505.D
Acq: 01 Sep 2019 12:59

Tgt Ion: 78 Resp: 1063123





#34

Trichloroethene

Concen: 97.811 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. -0.00 min

Lab File: VV012505.D

Acq: 01 Sep 2019 12:59

Instrument :

MSVOA_V

ClientSampleId :

VSTD10065

Tgt Ion: 95 Resp: 274462

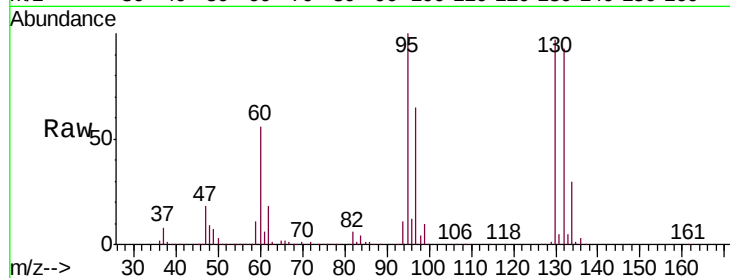
Ion Ratio Lower Upper

95 100

97 65.2 46.8 86.8

132 93.0 64.9 120.5

130 97.0 68.8 127.8

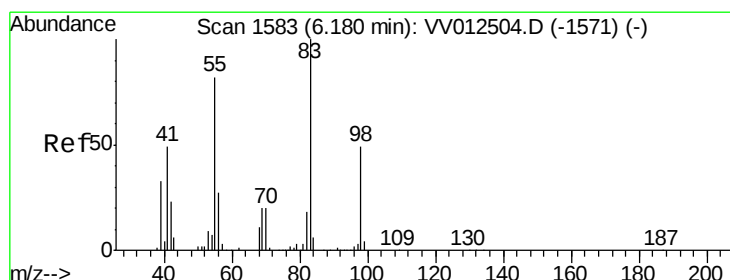
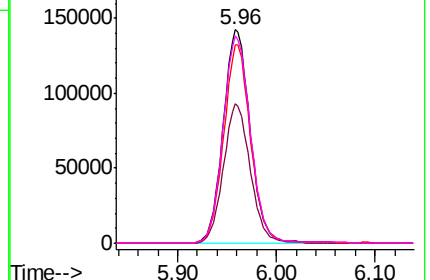
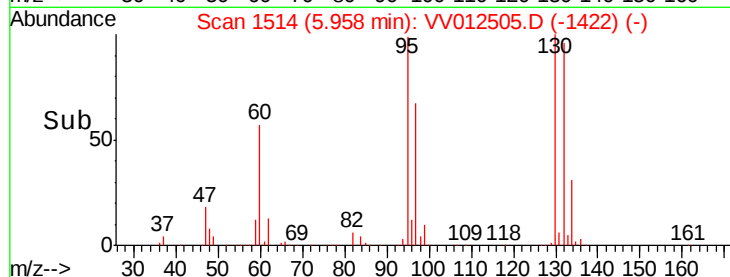


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0



#35

Methylcyclohexane

Concen: 109.514 ug/L

RT: 6.18 min Scan# 1582

Delta R.T. -0.00 min

Lab File: VV012505.D

Acq: 01 Sep 2019 12:59

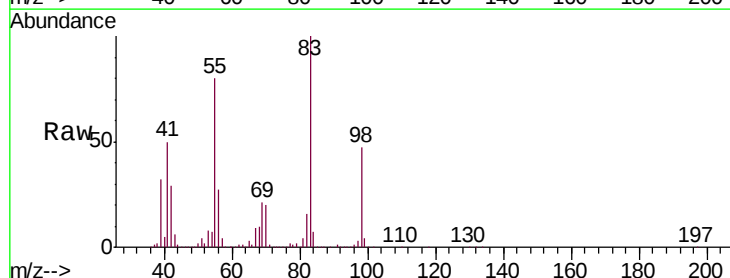
Tgt Ion: 83 Resp: 445809

Ion Ratio Lower Upper

83 100

55 80.3 65.1 97.7

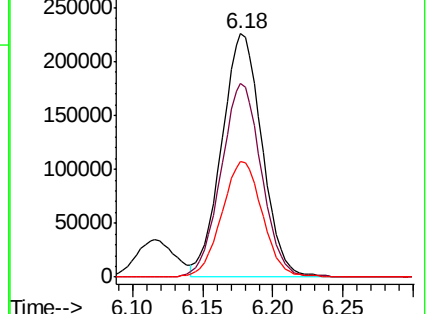
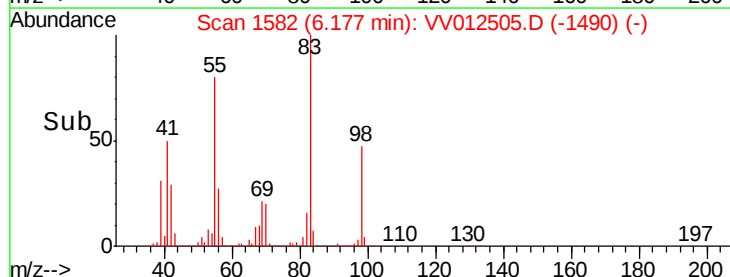
98 48.5 38.5 57.7

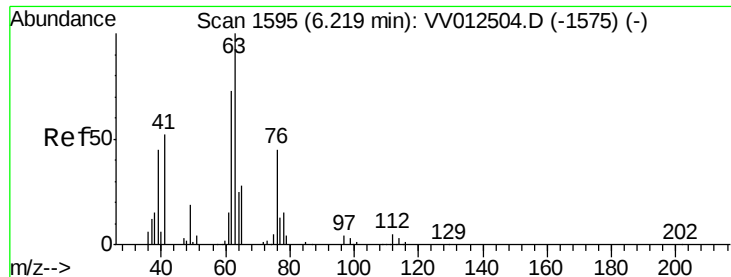


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

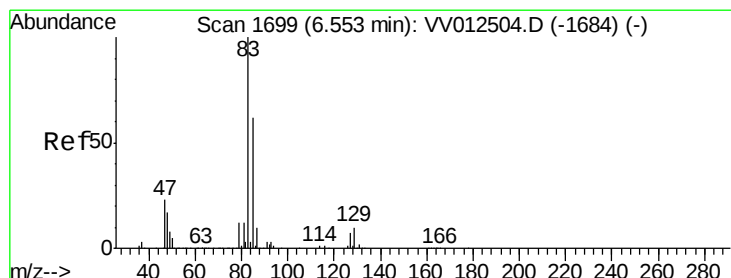
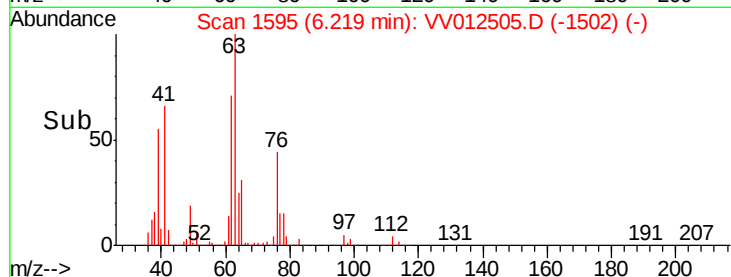
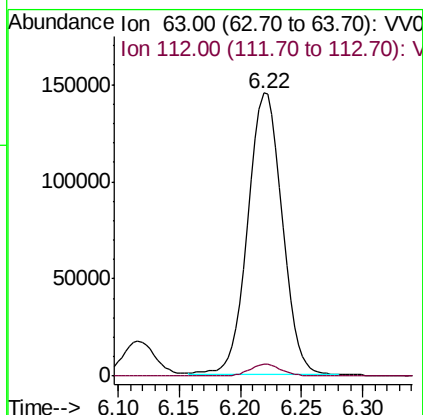
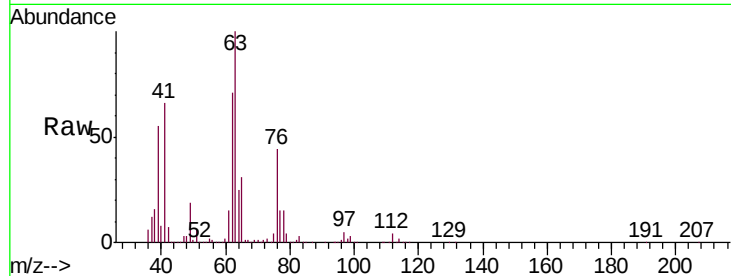




#37
 1,2-Dichloropropane
 Concen: 103.170 ug/L
 RT: 6.22 min Scan# 1595
 Delta R.T. 0.00 min
 Lab File: VV012505.D
 Acq: 01 Sep 2019 12:59

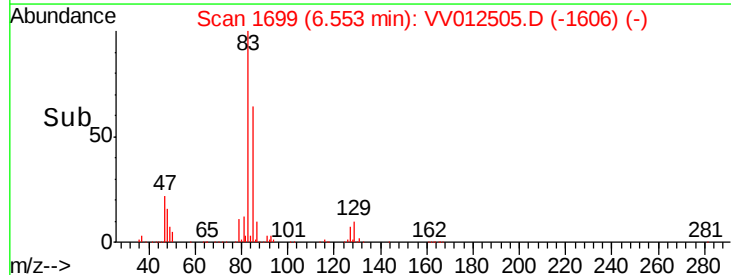
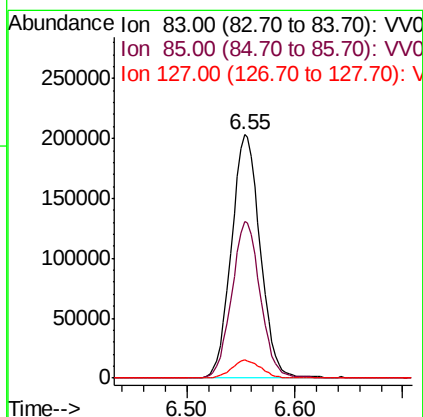
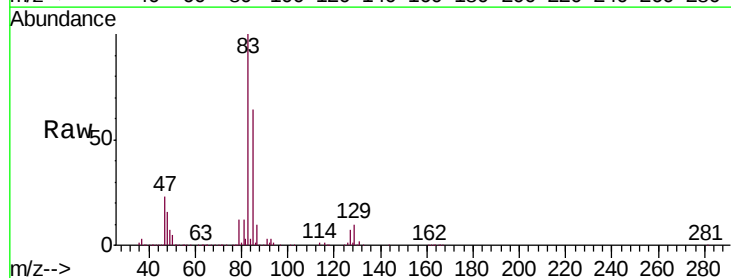
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD10065

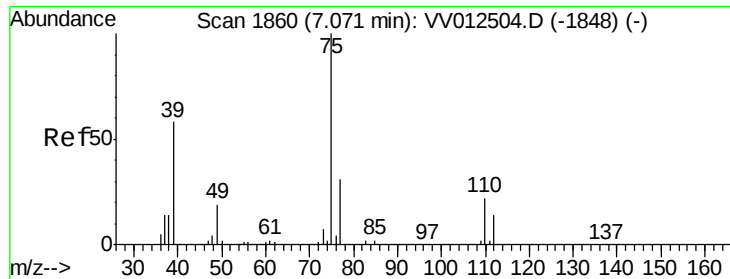
Tgt Ion: 63 Resp: 282423
 Ion Ratio Lower Upper
 63 100
 112 3.9 3.5 5.3



#38
 Bromodichloromethane
 Concen: 104.947 ug/L
 RT: 6.55 min Scan# 1699
 Delta R.T. 0.00 min
 Lab File: VV012505.D
 Acq: 01 Sep 2019 12:59

Tgt Ion: 83 Resp: 378732
 Ion Ratio Lower Upper
 83 100
 85 64.1 43.1 80.1
 127 7.4 5.6 8.4

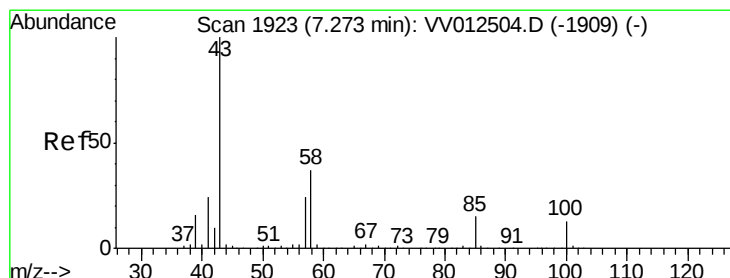
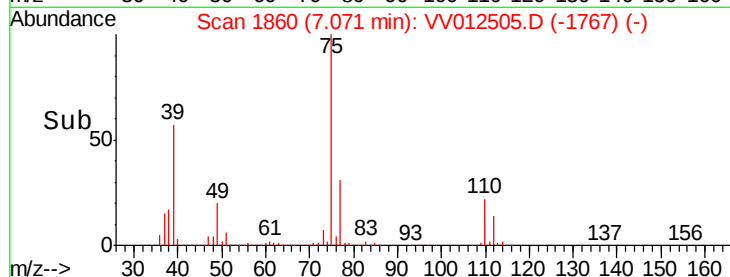
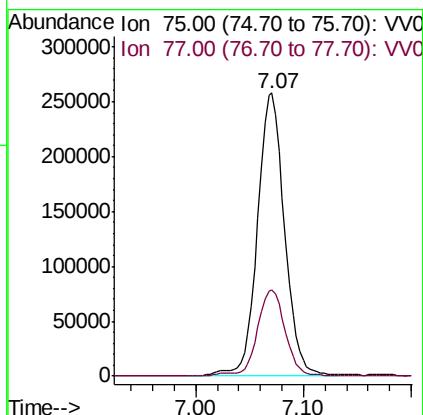
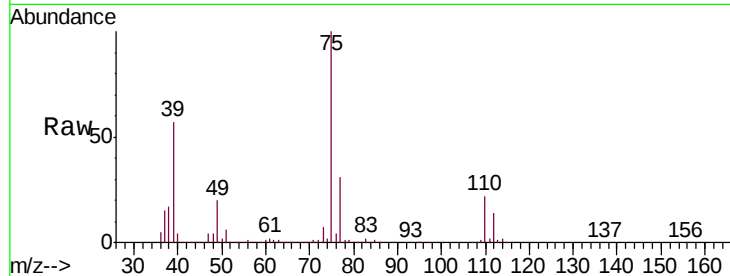




#39
 cis-1,3-Dichloropropene
 Concen: 114.831 ug/L
 RT: 7.07 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VV012505.D
 Acq: 01 Sep 2019 12:59

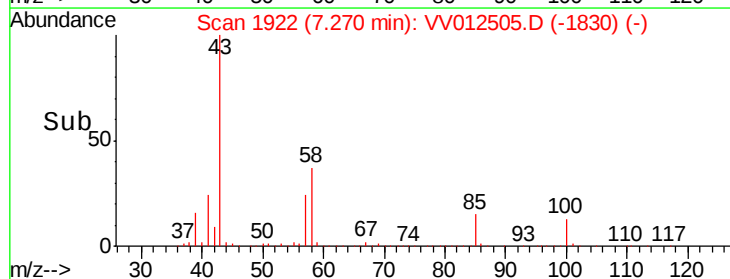
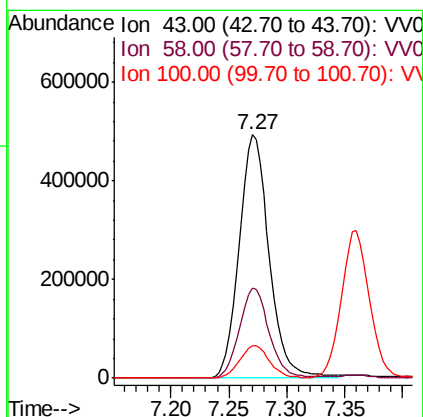
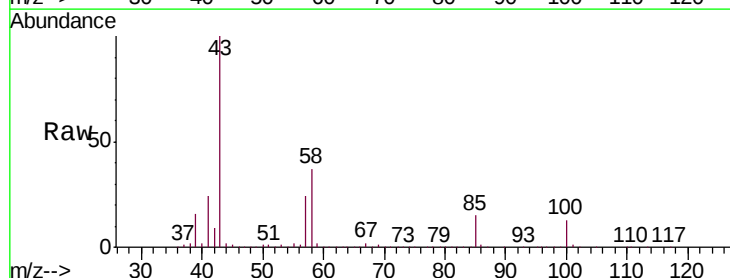
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD10065

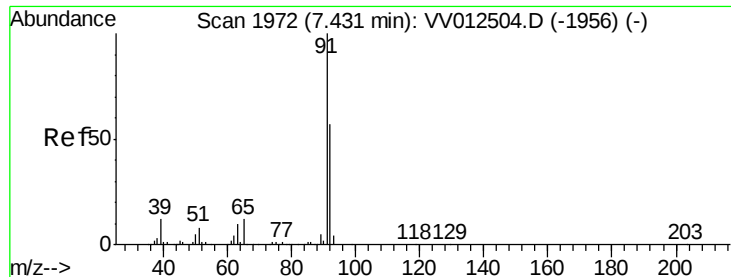
Tgt Ion: 75 Resp: 450601
 Ion Ratio Lower Upper
 75 100
 77 30.5 21.8 40.6



#40
 4-Methyl-2-pentanone
 Concen: 230.422 ug/L
 RT: 7.27 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VV012505.D
 Acq: 01 Sep 2019 12:59

Tgt Ion: 43 Resp: 882703
 Ion Ratio Lower Upper
 43 100
 58 36.7 29.8 44.6
 100 13.4 10.6 16.0





#42

Toluene

Concen: 108.823 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV012505.D

Acq: 01 Sep 2019 12:59

Instrument :

MSVOA_V

ClientSampleId :

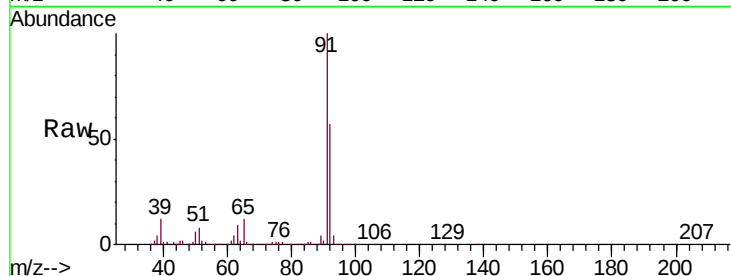
VSTD10065

Tgt Ion: 91 Resp: 1161093

Ion Ratio Lower Upper

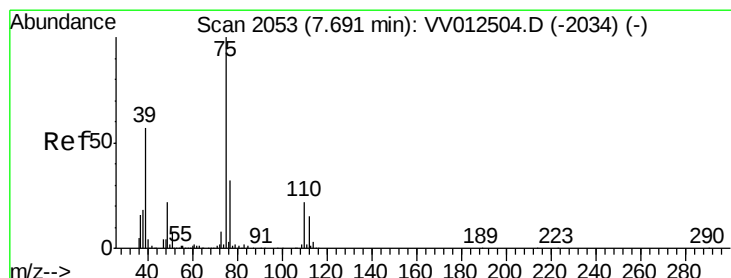
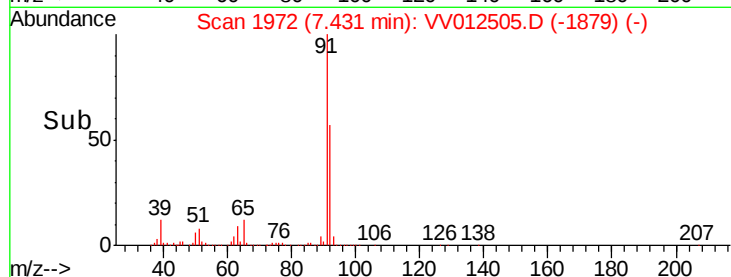
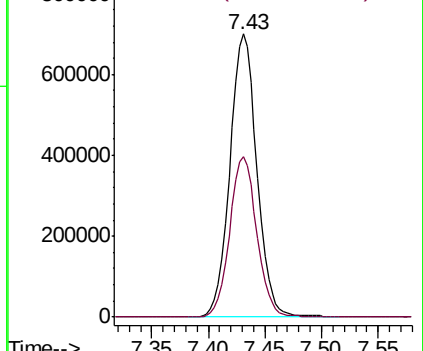
91 100

92 56.7 39.8 73.8



Abundance Ion 91.00 (90.70 to 91.70): VV012505.D (-1879) (-)

Ion 92.00 (91.70 to 92.70): VV012505.D (-1879) (-)



#44

trans-1,3-Dichloropropene

Concen: 113.258 ug/L

RT: 7.69 min Scan# 2053

Delta R.T. 0.00 min

Lab File: VV012505.D

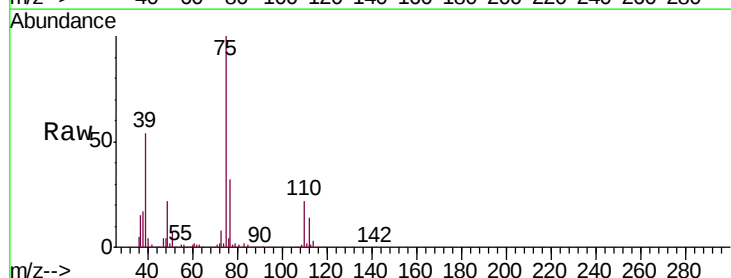
Acq: 01 Sep 2019 12:59

Tgt Ion: 75 Resp: 402156

Ion Ratio Lower Upper

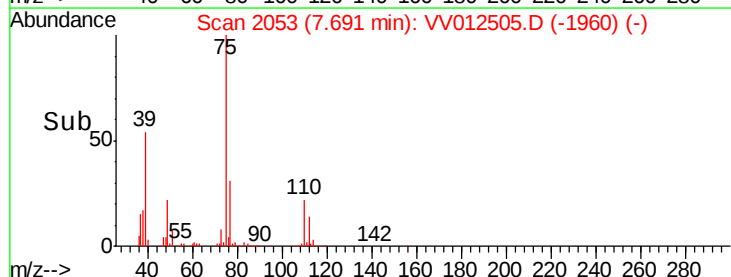
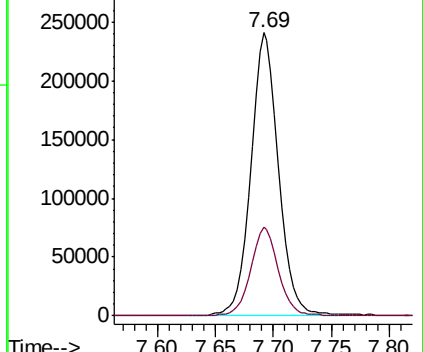
75 100

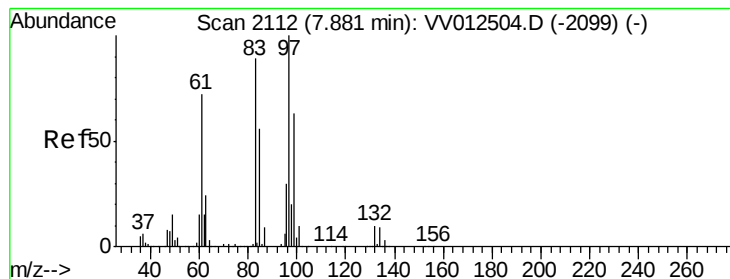
77 31.5 22.3 41.3



Abundance Ion 75.00 (74.70 to 75.70): VV012505.D (-1960) (-)

Ion 77.00 (76.70 to 77.70): VV012505.D (-1960) (-)





#45

1,1,2-Trichloroethane

Concen: 104.899 ug/L

RT: 7.88 min Scan# 2112

Delta R.T. 0.00 min

Lab File: VV012505.D

Acq: 01 Sep 2019 12:59

Instrument :

MSVOA_V

ClientSampleId :

VSTD10065

Tgt Ion: 97 Resp: 259555

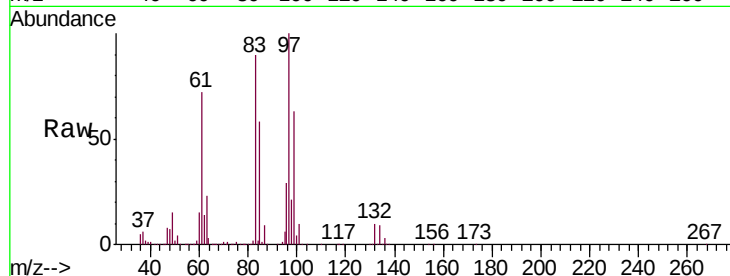
Ion Ratio Lower Upper

97 100

99 62.7 44.0 81.6

83 89.8 62.3 115.7

85 58.4 39.1 72.5

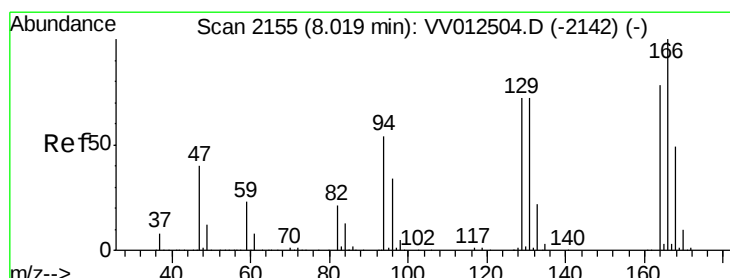
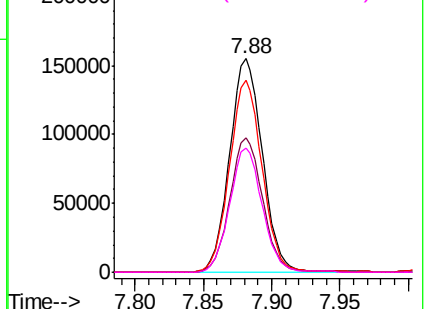
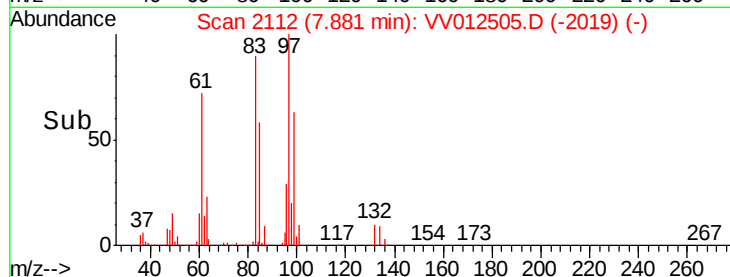


Abundance Ion 97.00 (96.70 to 97.70): VV0

Ion 99.00 (98.70 to 99.70): VV0

Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0



#46

Tetrachloroethene

Concen: 102.816 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV012505.D

Acq: 01 Sep 2019 12:59

Tgt Ion: 164 Resp: 194142

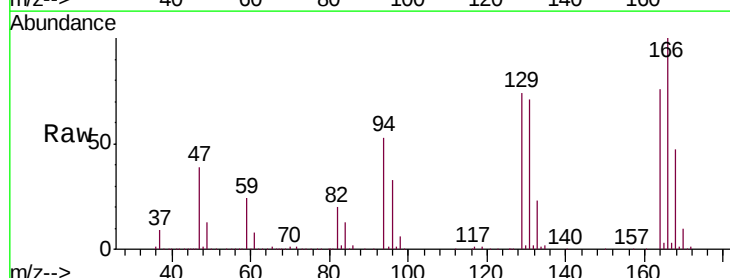
Ion Ratio Lower Upper

164 100

129 96.6 64.8 120.4

131 93.5 64.3 119.5

166 130.9 89.7 166.7

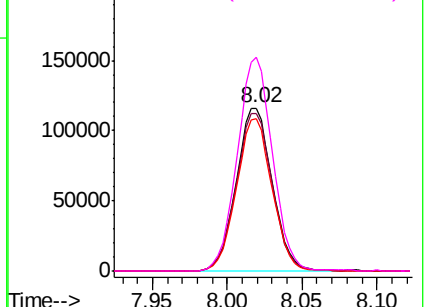
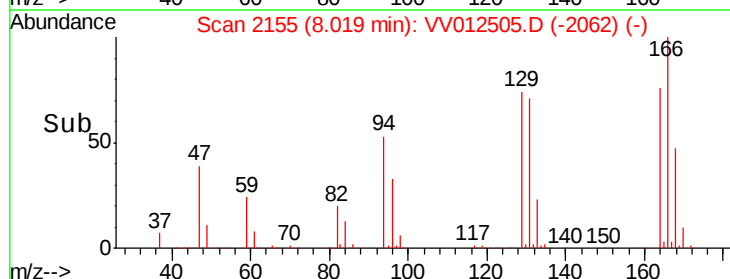


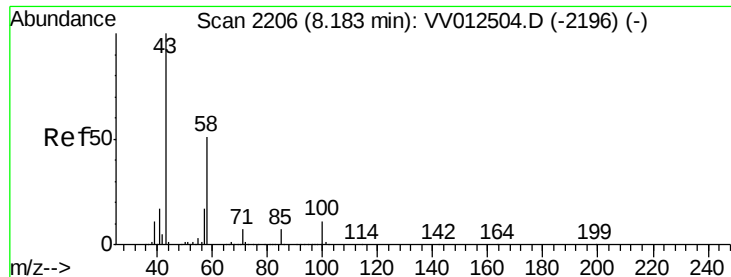
Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

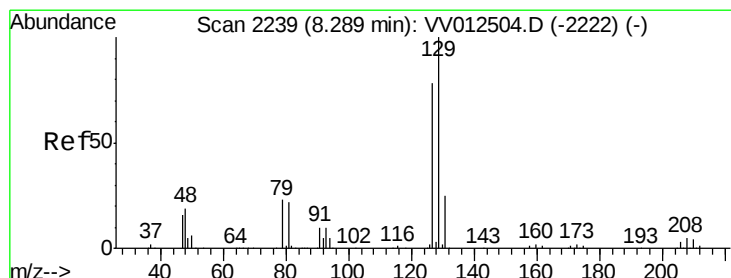
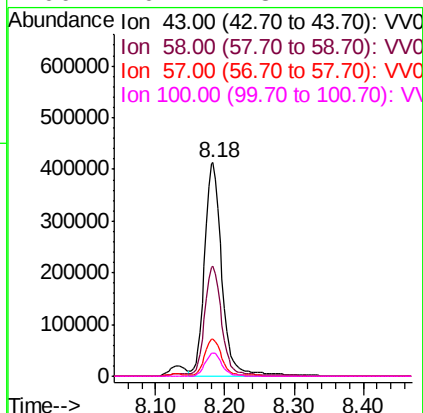
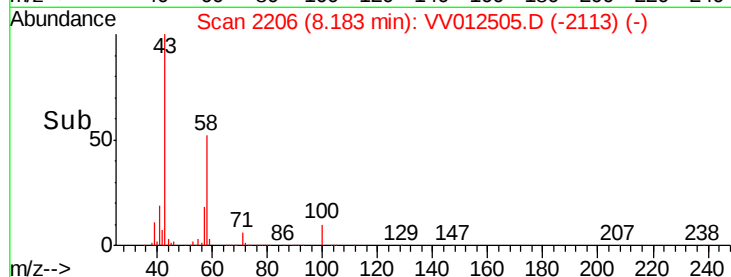
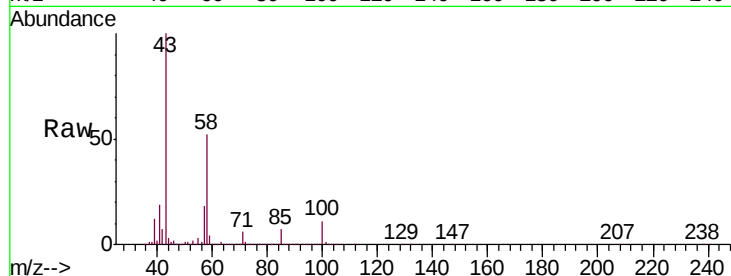




#48
2-Hexanone
Concen: 238.585 ug/L
RT: 8.18 min Scan# 2206
Delta R.T. 0.00 min
Lab File: VV012505.D
Acq: 01 Sep 2019 12:59

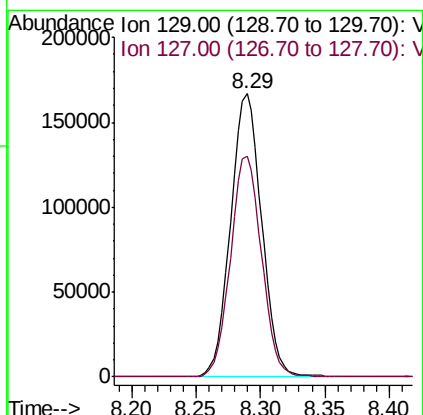
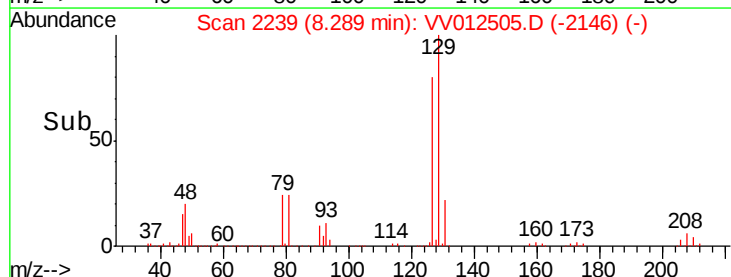
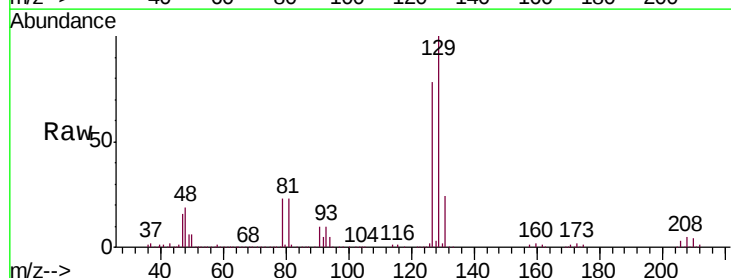
Instrument :
MSVOA_V
ClientSampleId :
VSTD10065

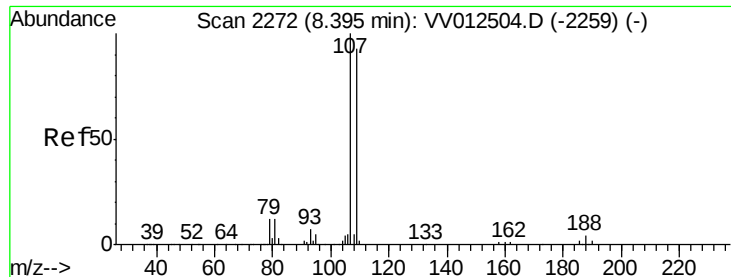
Tgt Ion: 43 Resp: 715665
Ion Ratio Lower Upper
43 100
58 50.1 40.6 61.0
57 17.1 13.3 19.9
100 10.4 8.1 12.1



#49
Dibromochloromethane
Concen: 107.680 ug/L
RT: 8.29 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VV012505.D
Acq: 01 Sep 2019 12:59

Tgt Ion: 129 Resp: 279387
Ion Ratio Lower Upper
129 100
127 77.9 54.7 101.5

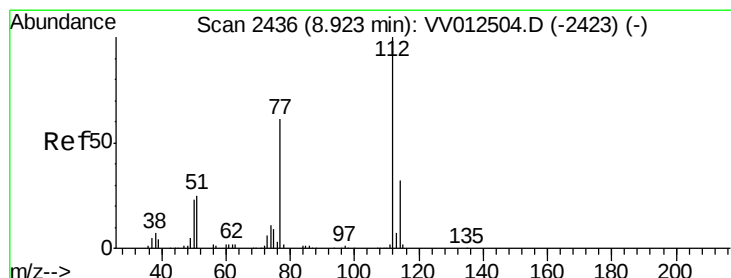
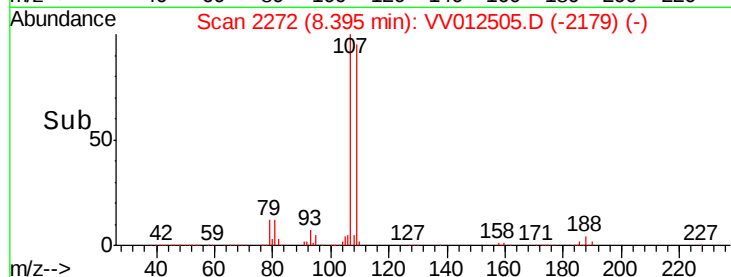
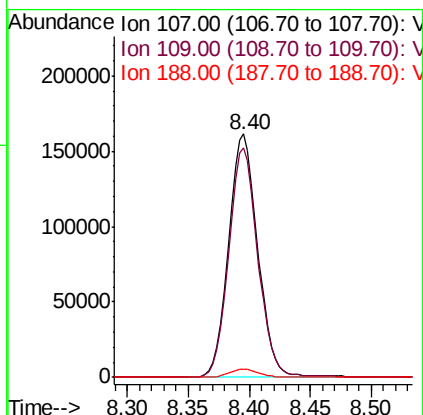
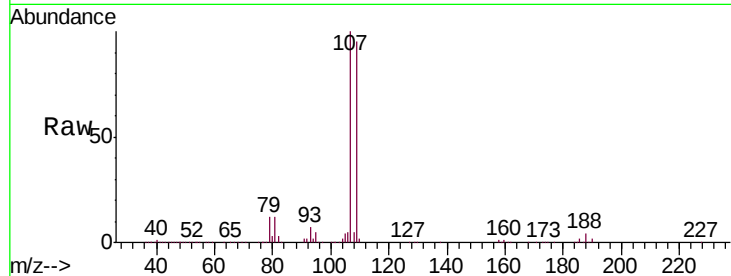




#50
 1,2-Dibromoethane
 Concen: 105.201 ug/L
 RT: 8.40 min Scan# 2272
 Delta R.T. 0.00 min
 Lab File: VV012505.D
 Acq: 01 Sep 2019 12:59

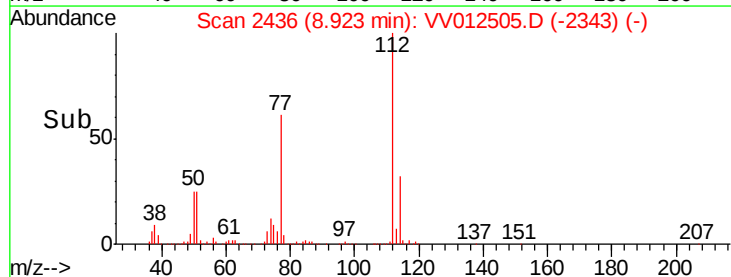
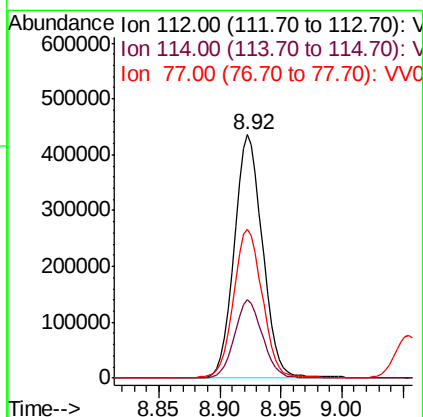
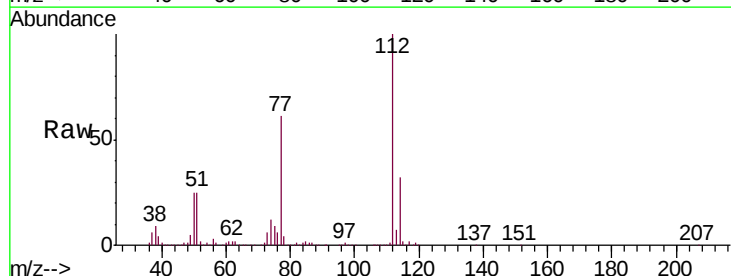
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD10065

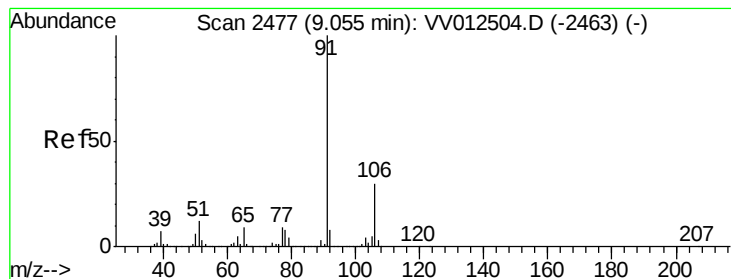
Tgt Ion	Ratio	Lower	Upper
107	100		
109	94.5	65.0	120.6
188	3.6	3.0	4.4



#51
 Chlorobenzene
 Concen: 104.674 ug/L
 RT: 8.92 min Scan# 2436
 Delta R.T. 0.00 min
 Lab File: VV012505.D
 Acq: 01 Sep 2019 12:59

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.0	22.5	41.7
77	61.4	49.4	74.2





#52

Ethylbenzene

Concen: 112.314 ug/L

RT: 9.05 min Scan# 2477

Delta R.T. 0.00 min

Lab File: VV012505.D

Acq: 01 Sep 2019 12:59

Instrument :

MSVOA_V

ClientSampleId :

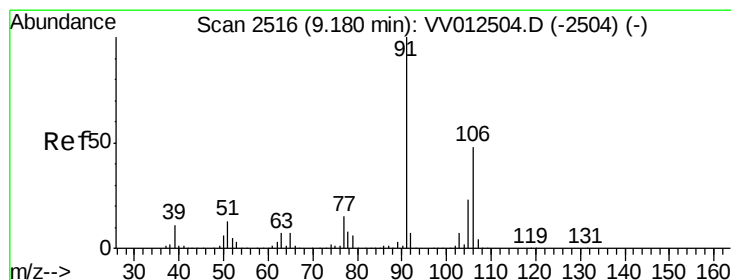
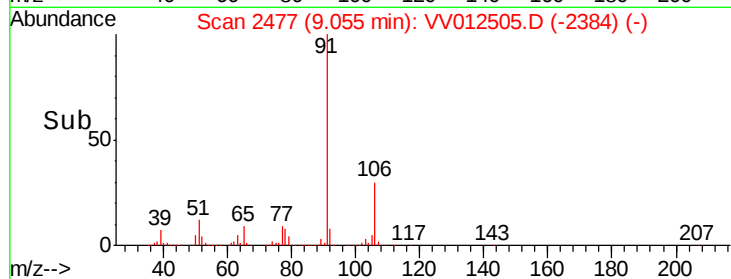
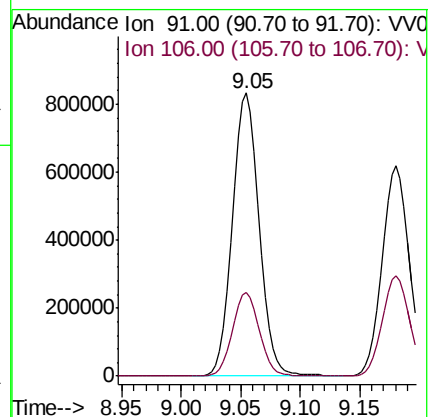
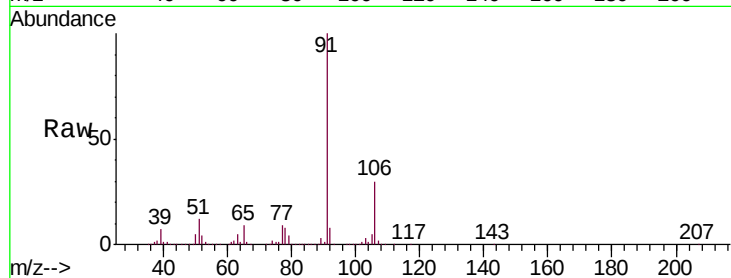
VSTD10065

Tgt Ion: 91 Resp: 1298678

Ion Ratio Lower Upper

91 100

106 29.6 21.1 39.3



#53

m,p-Xylene

Concen: 113.045 ug/L

RT: 9.18 min Scan# 2516

Delta R.T. 0.00 min

Lab File: VV012505.D

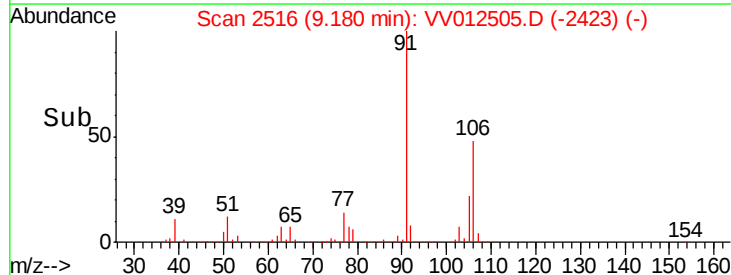
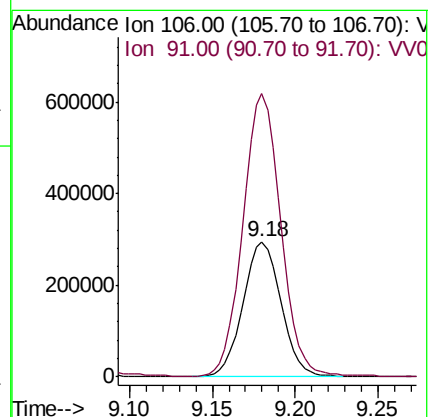
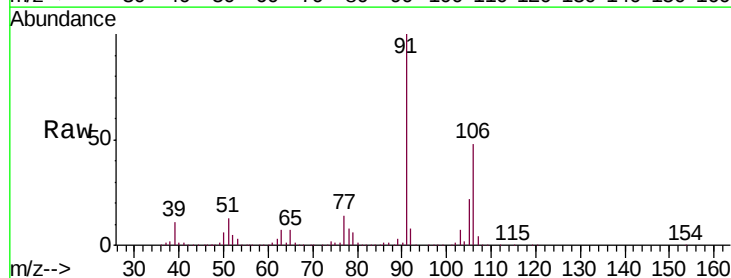
Acq: 01 Sep 2019 12:59

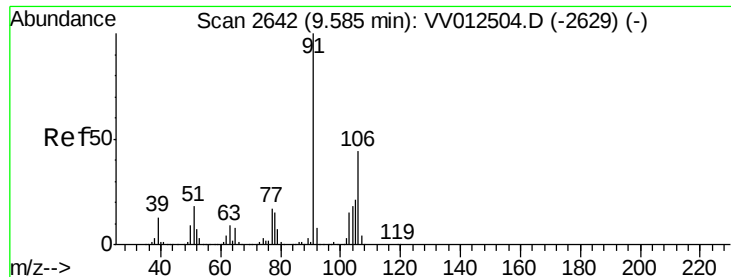
Tgt Ion: 106 Resp: 469480

Ion Ratio Lower Upper

106 100

91 209.2 146.2 271.6





#54

o-xylene

Concen: 112.904 ug/L

RT: 9.59 min Scan# 2642

Delta R.T. 0.00 min

Lab File: VV012505.D

Acq: 01 Sep 2019 12:59

Instrument :

MSVOA_V

ClientSampleId :

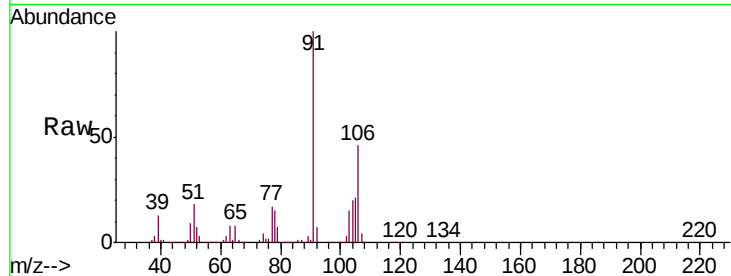
VSTD10065

Tgt Ion:106 Resp: 467795

Ion Ratio Lower Upper

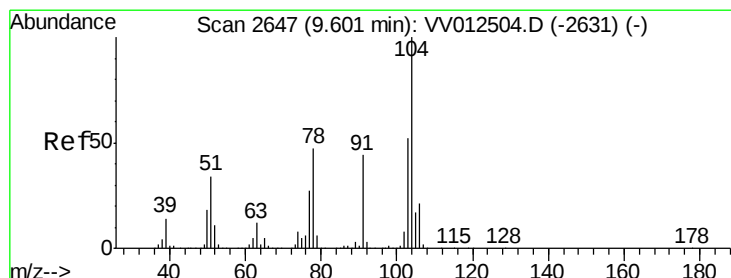
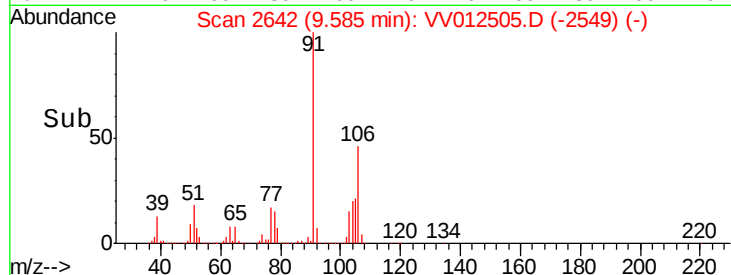
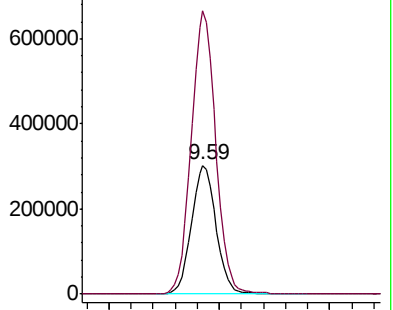
106 100

91 219.6 157.7 292.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#55

Styrene

Concen: 115.858 ug/L

RT: 9.60 min Scan# 2647

Delta R.T. 0.00 min

Lab File: VV012505.D

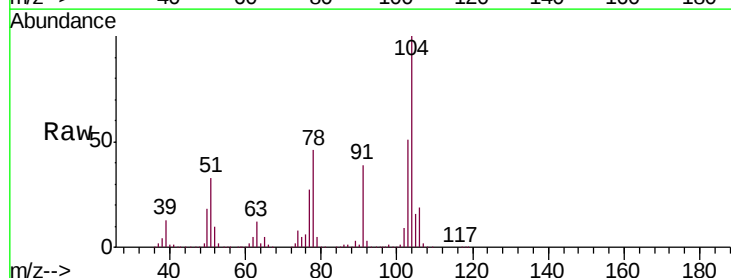
Acq: 01 Sep 2019 12:59

Tgt Ion:104 Resp: 812905

Ion Ratio Lower Upper

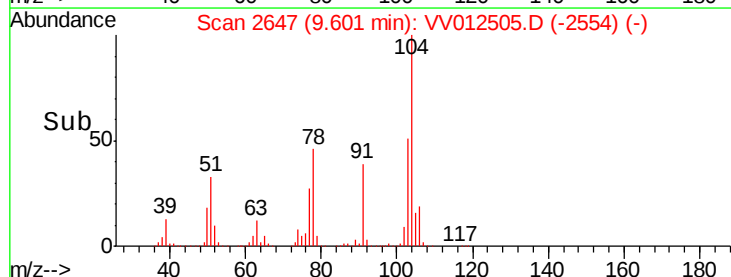
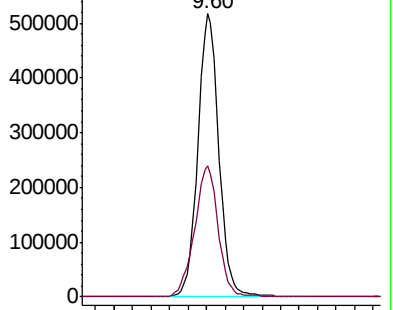
104 100

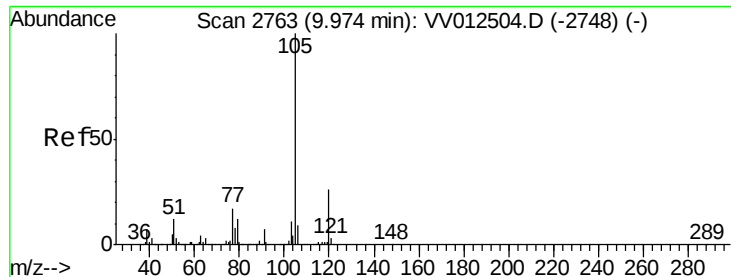
78 46.5 33.2 61.6



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VV0





#56

Isopropylbenzene

Concen: 115.962 ug/L

RT: 9.97 min Scan# 2763

Delta R.T. 0.00 min

Lab File: VV012505.D

Acq: 01 Sep 2019 12:59

Instrument :

MSVOA_V

ClientSampleId :

VSTD10065

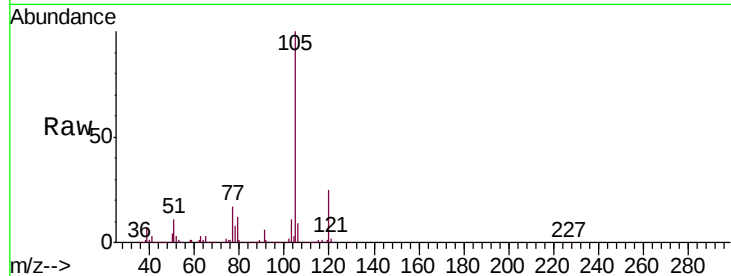
Tgt Ion:105 Resp: 1252818

Ion Ratio Lower Upper

105 100

120 25.4 20.4 30.6

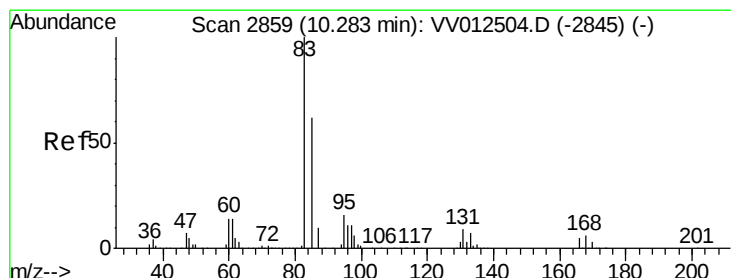
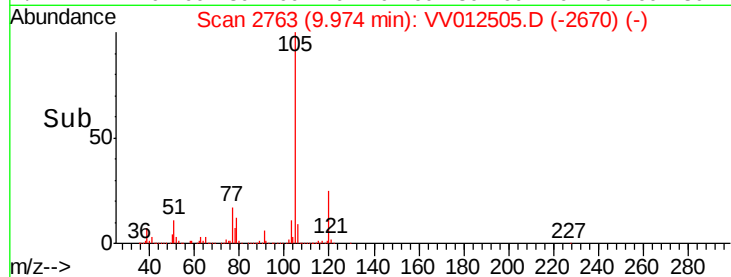
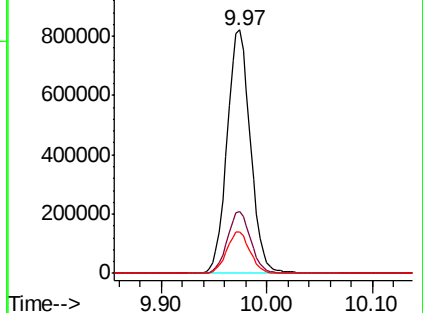
77 17.0 13.8 20.6



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: 112.753 ug/L

RT: 10.28 min Scan# 2859

Delta R.T. 0.00 min

Lab File: VV012505.D

Acq: 01 Sep 2019 12:59

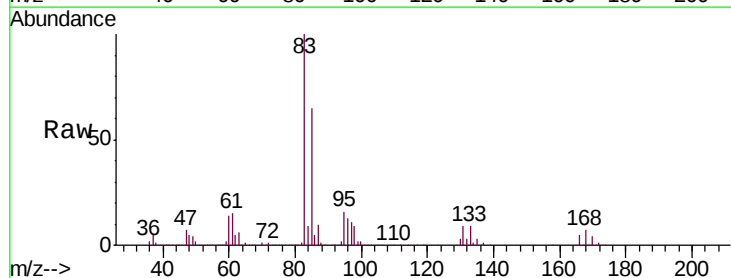
Tgt Ion: 83 Resp: 413758

Ion Ratio Lower Upper

83 100

85 64.9 43.4 80.6

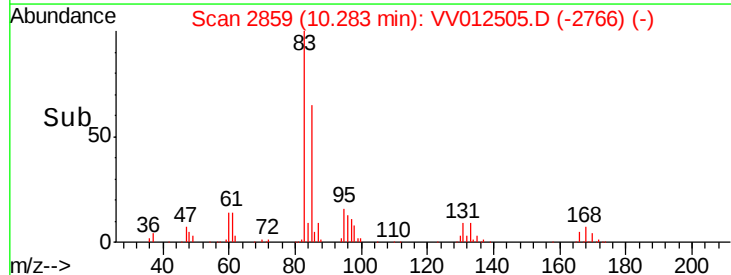
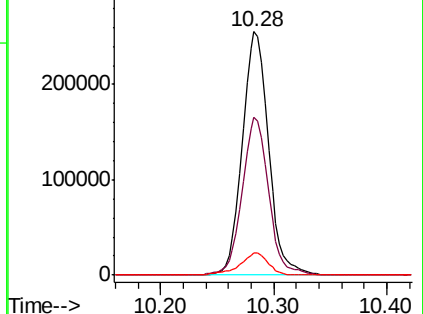
131 8.9 7.1 10.7

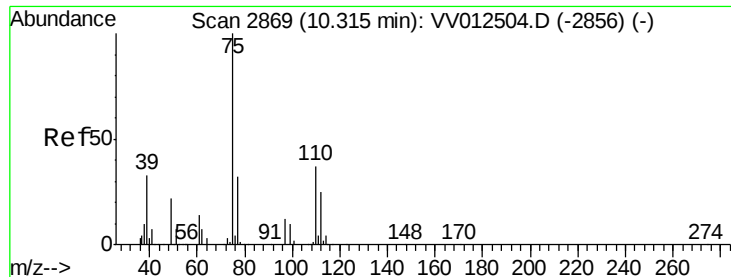


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

Ion 131.00 (130.70 to 131.70): V





#59

1,2,3-Trichloropropane

Concen: 105.557 ug/L

RT: 10.32 min Scan# 2869

Delta R.T. 0.00 min

Lab File: VV012505.D

Acq: 01 Sep 2019 12:59

Instrument :

MSVOA_V

ClientSampleId :

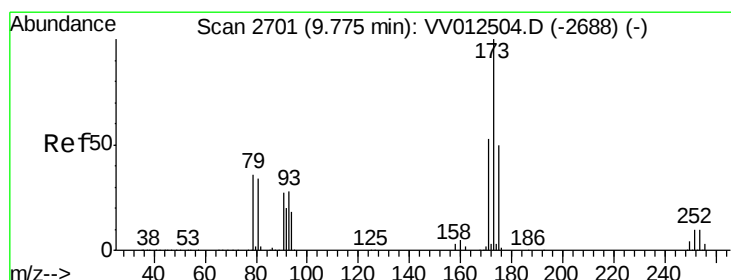
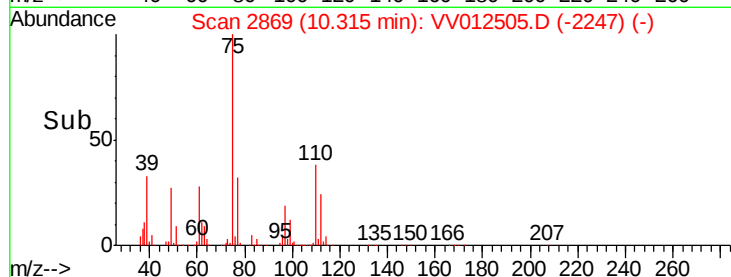
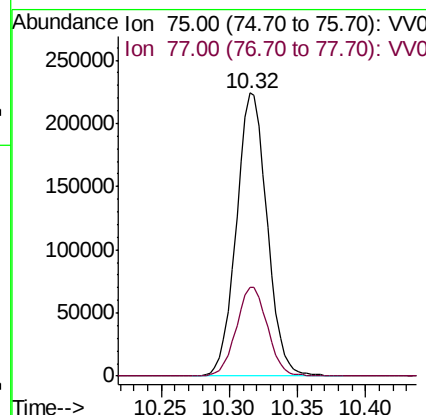
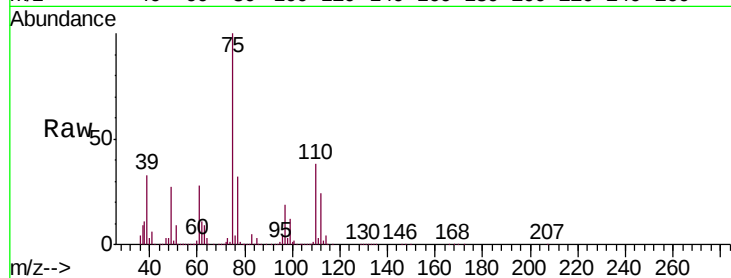
VSTD10065

Tgt Ion: 75 Resp: 350295

Ion Ratio Lower Upper

75 100

77 32.1 25.5 38.3



#61

Bromoform

Concen: 103.929 ug/L

RT: 9.77 min Scan# 2701

Delta R.T. 0.00 min

Lab File: VV012505.D

Acq: 01 Sep 2019 12:59

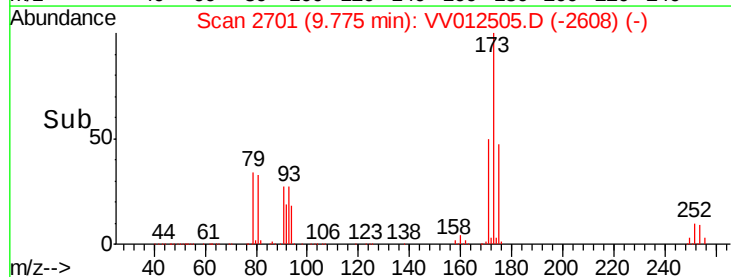
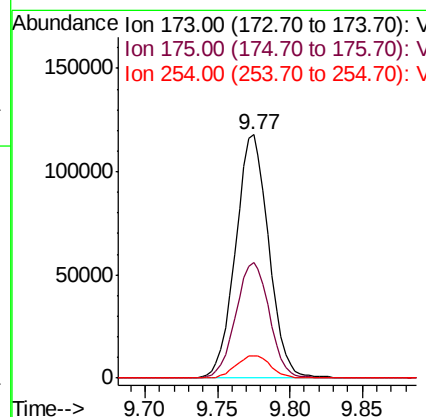
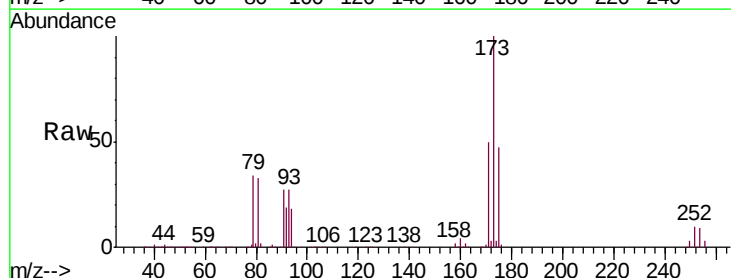
Tgt Ion: 173 Resp: 186748

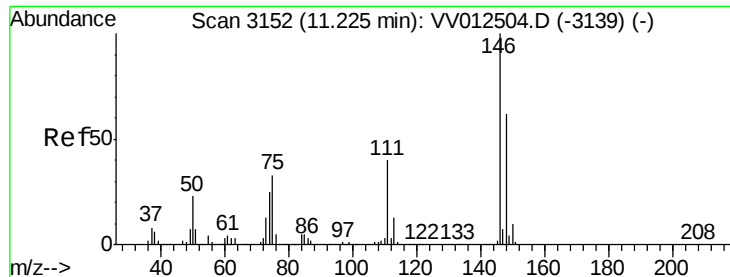
Ion Ratio Lower Upper

173 100

175 48.3 39.4 59.0

254 9.7 7.5 11.3





#62

1,3-Dichlorobenzene

Concen: 104.368 ug/L

RT: 11.22 min Scan# 3152

Delta R.T. 0.00 min

Lab File: VV012505.D

Acq: 01 Sep 2019 12:59

Instrument :

MSVOA_V

ClientSampleId :

VSTD10065

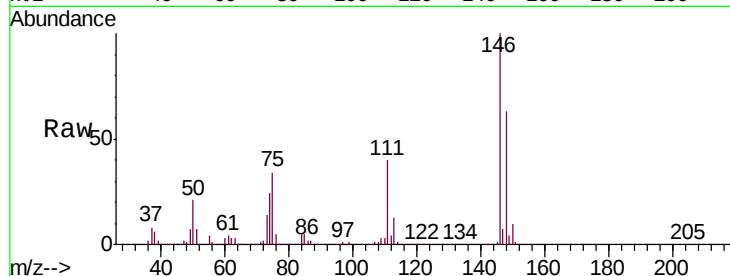
Tgt Ion:146 Resp: 539612

Ion Ratio Lower Upper

146 100

111 40.2 27.7 51.5

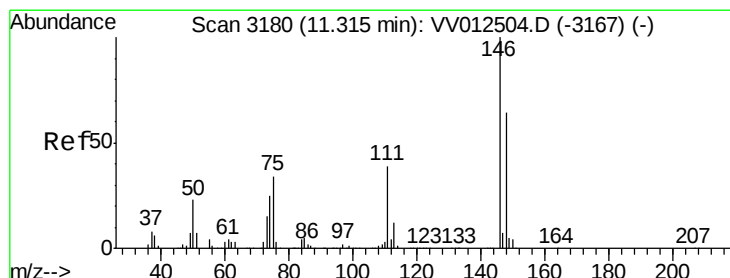
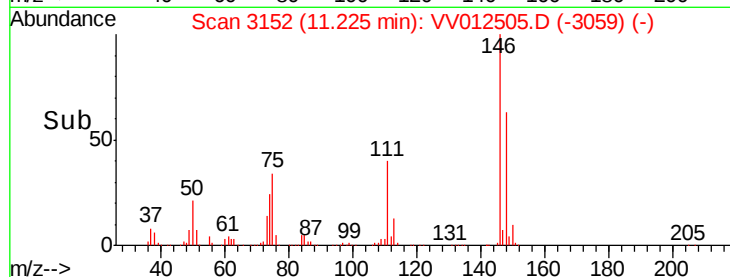
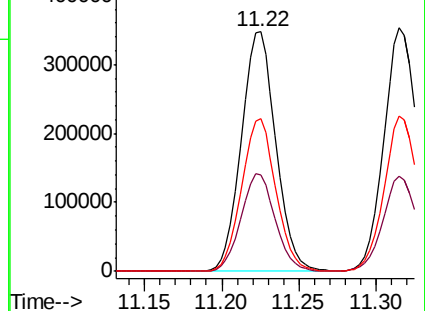
148 63.5 43.4 80.6



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#63

1,4-Dichlorobenzene

Concen: 100.799 ug/L

RT: 11.31 min Scan# 3180

Delta R.T. 0.00 min

Lab File: VV012505.D

Acq: 01 Sep 2019 12:59

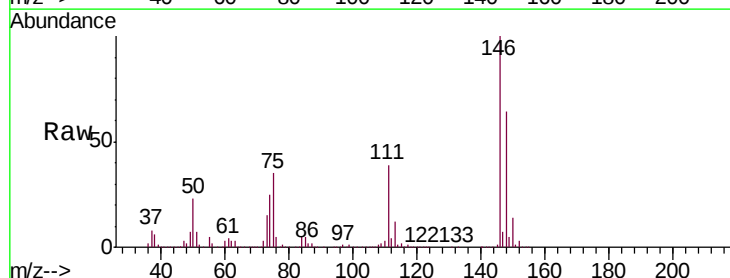
Tgt Ion:146 Resp: 539304

Ion Ratio Lower Upper

146 100

111 39.2 27.6 51.4

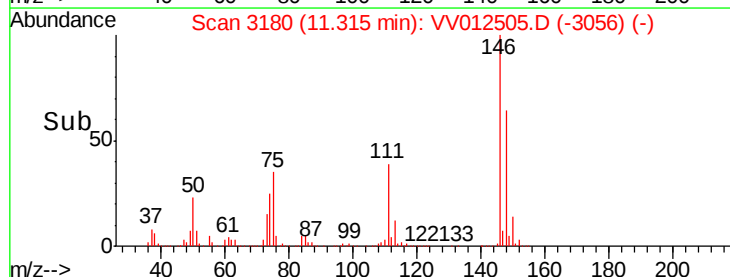
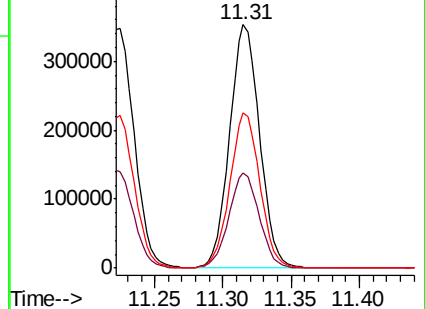
148 63.8 44.6 82.8

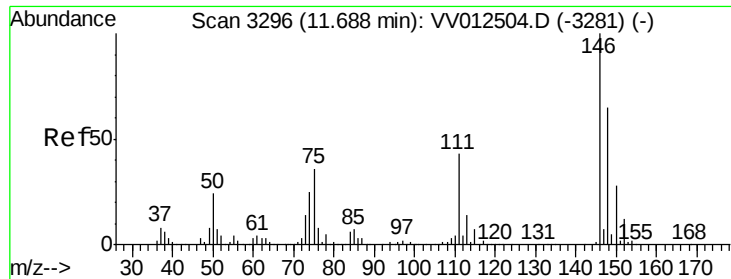


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

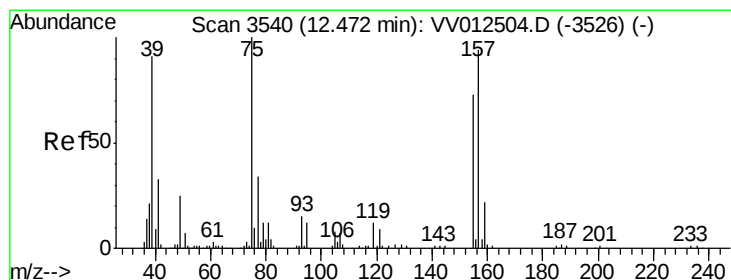
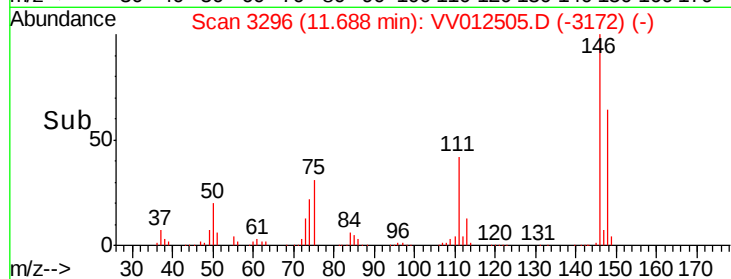
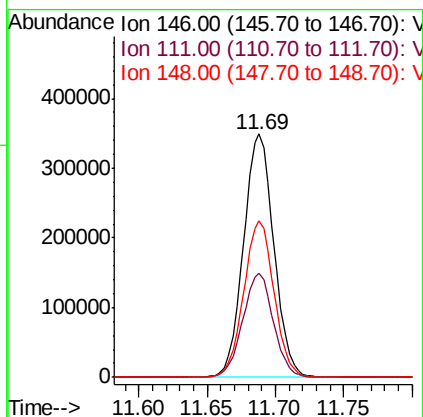
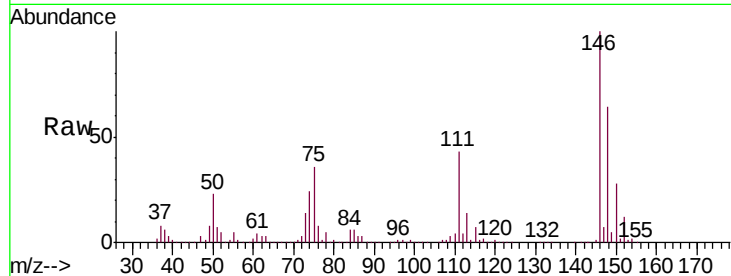




#65
 1,2-Dichlorobenzene
 Concen: 102.755 ug/L
 RT: 11.69 min Scan# 3296
 Delta R.T. 0.00 min
 Lab File: VV012505.D
 Acq: 01 Sep 2019 12:59

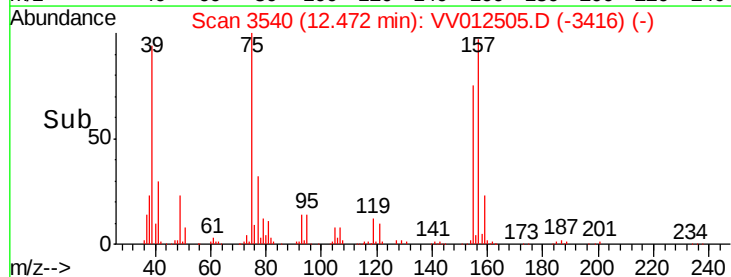
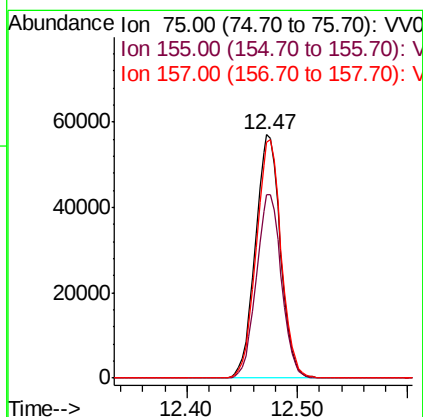
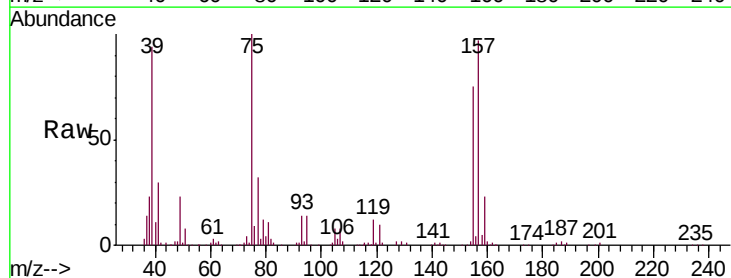
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD10065

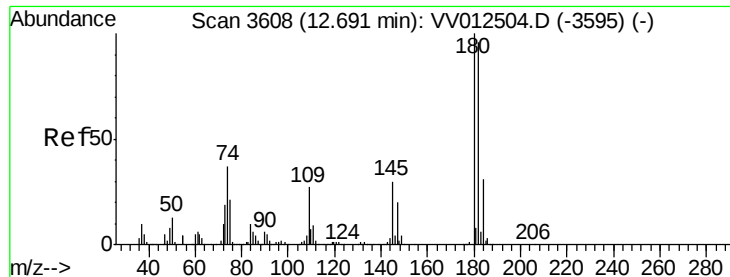
Tgt Ion: 146 Resp: 537213
 Ion Ratio Lower Upper
 146 100
 111 42.6 34.4 51.6
 148 64.1 51.6 77.4



#66
 1,2-Dibromo-3-chloropropane
 Concen: 102.017 ug/L
 RT: 12.47 min Scan# 3540
 Delta R.T. 0.00 min
 Lab File: VV012505.D
 Acq: 01 Sep 2019 12:59

Tgt Ion: 75 Resp: 89883
 Ion Ratio Lower Upper
 75 100
 155 75.1 58.2 87.2
 157 96.9 75.4 113.2

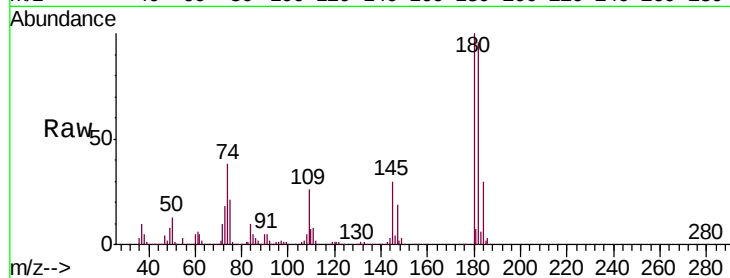




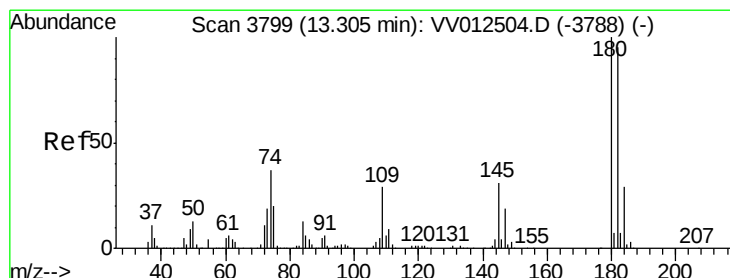
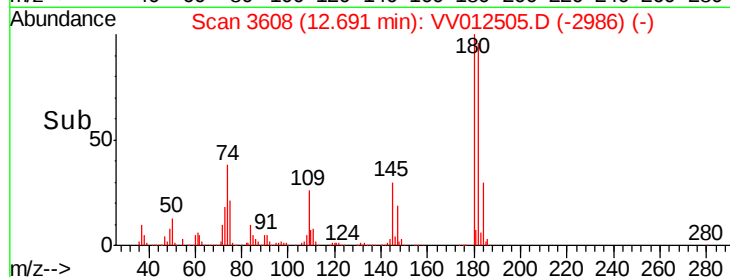
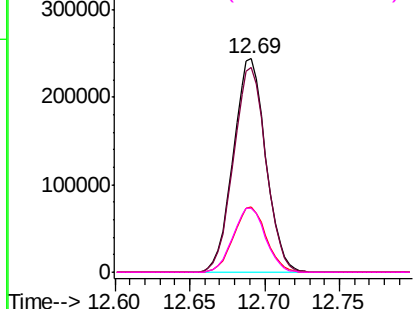
#67
 1,3,5-Trichlorobenzene
 Concen: 106.876 ug/L
 RT: 12.69 min Scan# 3608
 Delta R.T. 0.00 min
 Lab File: VV012505.D
 Acq: 01 Sep 2019 12:59

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD10065

Tgt Ion:	180	Resp:	369129
Ion	Ratio	Lower	Upper
180	100		
182	96.1	76.7	115.1
184	30.5	24.2	36.4
145	30.2	24.6	37.0

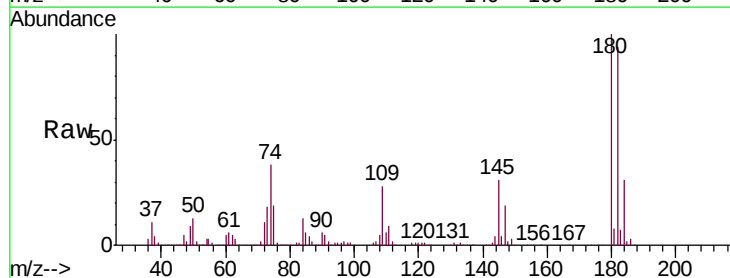


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

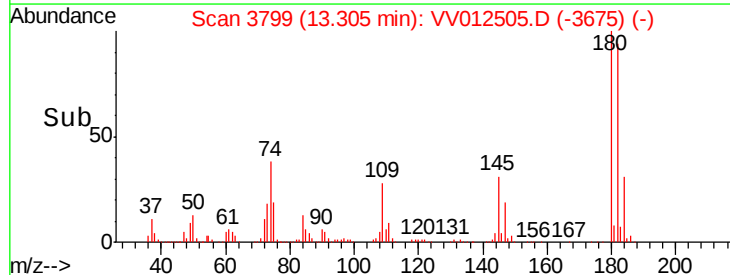
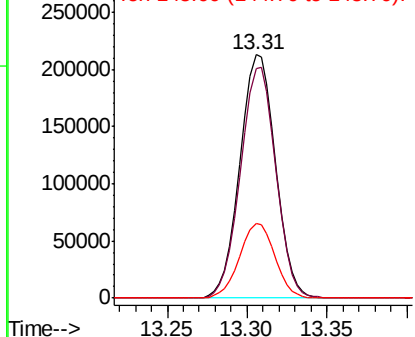


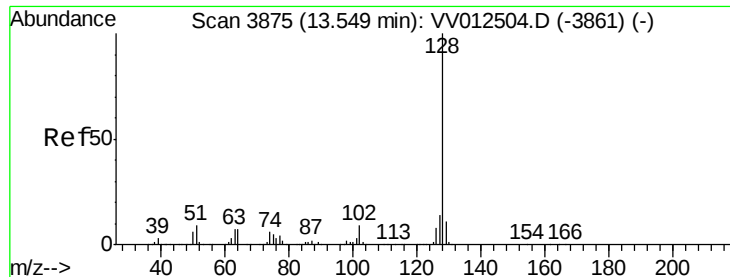
#68
 1,2,4-trichlorobenzene
 Concen: 113.129 ug/L
 RT: 13.31 min Scan# 3799
 Delta R.T. 0.00 min
 Lab File: VV012505.D
 Acq: 01 Sep 2019 12:59

Tgt Ion:	180	Resp:	321356
Ion	Ratio	Lower	Upper
180	100		
182	94.3	77.9	116.9
145	30.6	25.0	37.4



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: 120.337 ug/L

RT: 13.55 min Scan# 3874

Delta R.T. -0.00 min

Lab File: VV012505.D

Acq: 01 Sep 2019 12:59

Instrument :

MSVOA_V

ClientSampleId :

VSTD10065

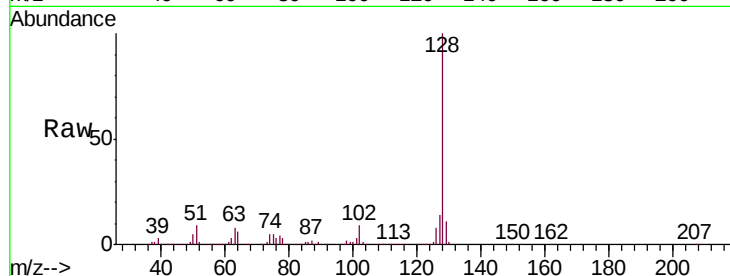
Tgt Ion:128 Resp: 1068680

Ion Ratio Lower Upper

128 100

127 13.4 10.9 16.3

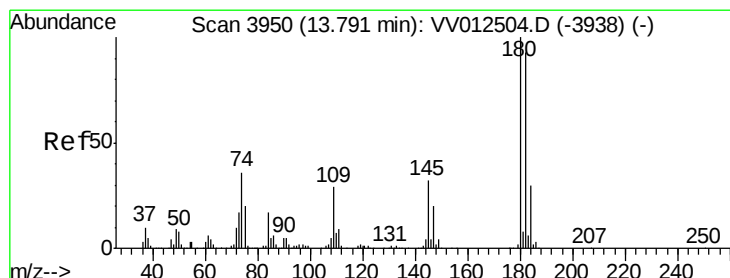
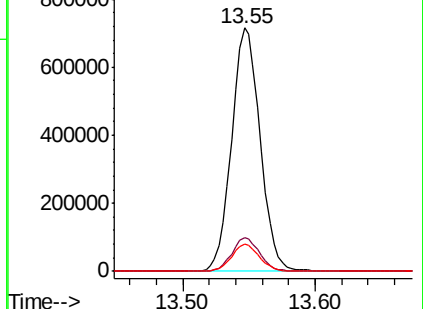
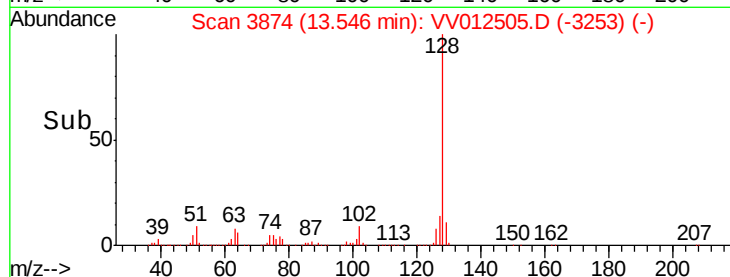
129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#70

1,2,3-Trichlorobenzene

Concen: 114.147 ug/L

RT: 13.79 min Scan# 3950

Delta R.T. 0.00 min

Lab File: VV012505.D

Acq: 01 Sep 2019 12:59

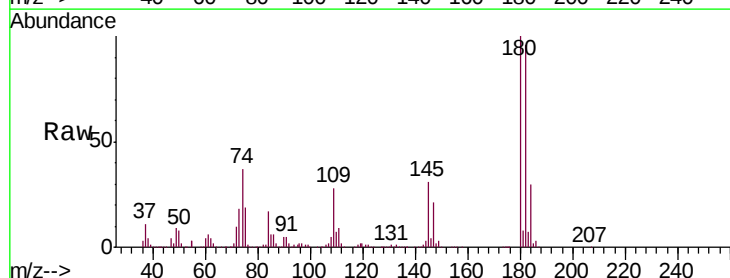
Tgt Ion:180 Resp: 333606

Ion Ratio Lower Upper

180 100

182 94.8 74.2 111.2

145 32.2 25.9 38.9



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

