

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121020\
 Data File : VV019506.D
 Acq On : 10 Dec 2020 11:40
 Operator : SY/MD
 Sample : VSTD00566
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00566

Quant Time: Dec 10 14:39:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 10 14:37:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	744232	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	684851	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	328149	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	25233	6.09	ug/L	0.00
7) Chloroethane-d5	1.57	69	19522	4.59	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.11	63	46555	4.77	ug/L	0.00
21) 2-Butanone-d5	3.91	46	22449	7.25	ug/L	0.02
24) Chloroform-d	4.35	84	45020	4.72	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.04	65	28271	4.45	ug/L	0.00
32) Benzene-d6	5.06	84	84395	4.96	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.08	67	26033	4.52	ug/L	0.00
41) Toluene-d8	7.32	98	77478	5.29	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.63	79	15053	5.38	ug/L	0.00
47) 2-Hexanone-d5	8.10	63	19123	11.14	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.22	84	35663	5.17	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.63	152	29451	5.48	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.13	85	28506	7.521 ug/L	100
3) Chloromethane	1.24	50	30504	7.348 ug/L	95
5) Vinyl chloride	1.31	62	30464	6.428 ug/L	95
6) Bromomethane	1.52	94	17899	4.404 ug/L	100
8) Chloroethane	1.59	64	18338	5.233 ug/L	98
9) Trichlorofluoromethane	1.76	101	37380	5.095 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	20212	4.777 ug/L	97
12) 1,1-Dichloroethene	2.12	96	21049	5.155 ug/L #	85
13) Acetone	2.19	43	25005	6.454 ug/L	99
14) Carbon disulfide	2.30	76	69558	5.959 ug/L	99
15) Methyl Acetate	2.44	43	23385	3.628 ug/L	97
16) Methylene chloride	2.51	84	26110	4.787 ug/L	98
17) trans-1,2-Dichloroethene	2.77	96	22415	4.890 ug/L	97
18) Methyl tert-butyl Ether	2.77	73	79704	4.780 ug/L	100
19) 1,1-Dichloroethane	3.20	63	45143	4.363 ug/L	99
20) cis-1,2-Dichloroethene	3.92	96	24637	4.672 ug/L #	97
22) 2-Butanone	4.00	43	28087	5.800 ug/L	100
23) Bromochloromethane	4.25	128	5747	2.210 ug/L	97
25) Chloroform	4.38	83	44494	4.344 ug/L	98
27) 1,2-Dichloroethane	5.14	62	36927	4.421 ug/L	99
29) Cyclohexane	4.68	56	39070	5.392 ug/L	97
30) 1,1,1-Trichloroethane	4.61	97	41537	5.011 ug/L	99
31) Carbon tetrachloride	4.83	117	34142	5.001 ug/L	99
33) Benzene	5.10	78	96584	4.967 ug/L	100
34) Trichloroethene	5.92	95	25755	4.738 ug/L	98
35) Methylcyclohexane	6.14	83	37827	5.616 ug/L	99
37) 1,2-Dichloropropane	6.18	63	24189	4.286 ug/L	99
38) Bromodichloromethane	6.51	83	35033	4.744 ug/L	98
39) cis-1,3-Dichloropropene	7.03	75	38926	4.763 ug/L	97
40) 4-Methyl-2-pentanone	7.23	43	67476	8.155 ug/L	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121020\
 Data File : VV019506.D
 Acq On : 10 Dec 2020 11:40
 Operator : SY/MD
 Sample : VSTD00566
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

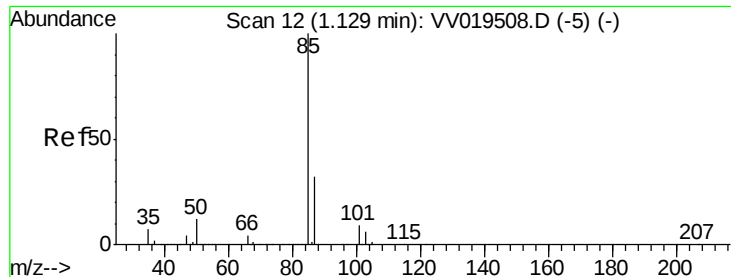
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00566

Quant Time: Dec 10 14:39:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 10 14:37:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) Toluene	7.39	91	100515	5.100	ug/L	100
44) trans-1,3-Dichloropropene	7.66	75	41588	5.024	ug/L	100
45) 1,1,2-Trichloroethane	7.85	97	24183	4.725	ug/L	97
46) Tetrachloroethene	7.98	164	17543	5.229	ug/L	96
48) 2-Hexanone	8.15	43	51989	7.909	ug/L	96
49) Dibromochloromethane	8.25	129	24751	4.617	ug/L	99
50) 1,2-Dibromoethane	8.36	107	24087	4.690	ug/L	99
51) Chlorobenzene	8.89	112	63621	4.943	ug/L	97
52) Ethylbenzene	9.02	91	113321	5.224	ug/L	100
53) m,p-Xylene	9.14	106	42075	5.400	ug/L	97
54) o-xylene	9.55	106	40896	5.421	ug/L	98
55) Styrene	9.57	104	70596	5.285	ug/L	98
56) Isopropylbenzene	9.94	105	110272	5.399	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.25	83	38440	4.924	ug/L	99
59) 1,2,3-Trichloropropane	10.28	75	30798	4.394	ug/L	100
61) Bromoform	9.74	173	15961	4.366	ug/L	95
62) 1,3-Dichlorobenzene	11.19	146	47971	5.045	ug/L	97
63) 1,4-Dichlorobenzene	11.28	146	49029	4.930	ug/L	98
65) 1,2-Dichlorobenzene	11.65	146	46544	4.796	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.43	75	9160	4.703	ug/L	98
67) 1,3,5-Trichlorobenzene	12.65	180	33412	4.718	ug/L	99
68) 1,2,4-trichlorobenzene	13.27	180	30119	4.802	ug/L	96
69) Naphthalene	13.51	128	96949	5.459	ug/L	100
70) 1,2,3-Trichlorobenzene	13.75	180	29406	4.594	ug/L	98

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



#2

Dichlorodifluoromethane

Concen: 7.521 ug/L

RT: 1.13 min Scan# 12

Delta R.T. -0.00 min

Lab File: VV019506.D

Acq: 10 Dec 2020 11:40

Instrument :

MSVOA_V

ClientSampleId :

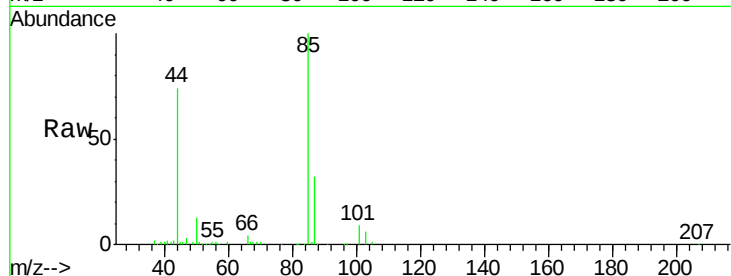
VSTD00566

Tgt Ion: 85 Resp: 28506

Ion Ratio Lower Upper

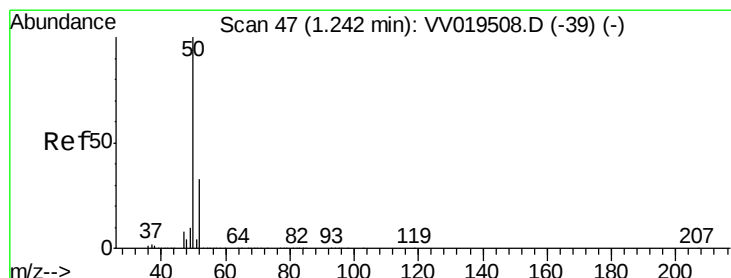
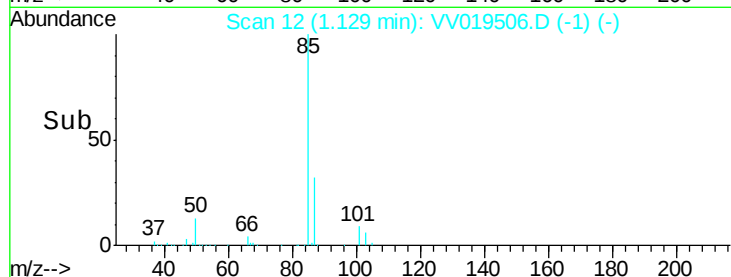
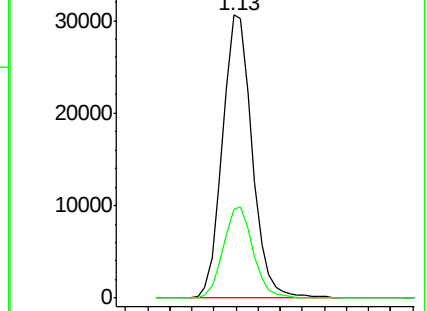
85 100

87 32.3 25.7 38.5



Abundance Ion 85.00 (84.70 to 85.70): VV019506.D (-5) (-)

Ion 87.00 (86.70 to 87.70): VV019506.D (-5) (-)



#3

Chloromethane

Concen: 7.348 ug/L

RT: 1.24 min Scan# 48

Delta R.T. 0.00 min

Lab File: VV019506.D

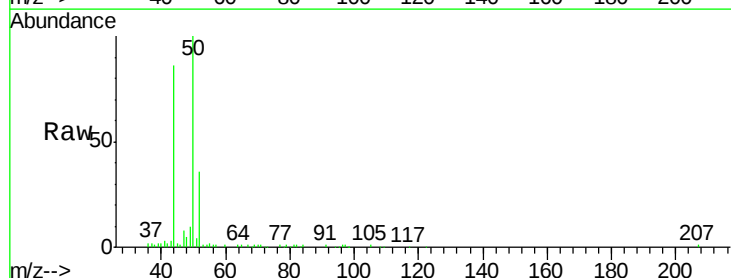
Acq: 10 Dec 2020 11:40

Tgt Ion: 50 Resp: 30504

Ion Ratio Lower Upper

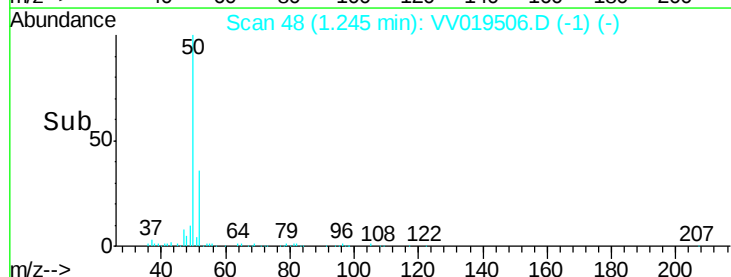
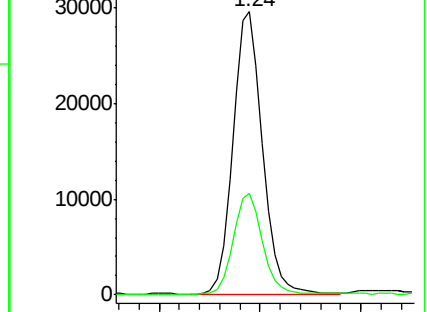
50 100

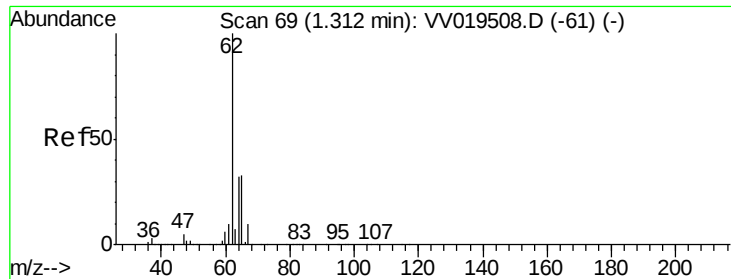
52 35.7 23.2 43.0



Abundance Ion 50.00 (49.70 to 50.70): VV019506.D (-39) (-)

Ion 52.00 (51.70 to 52.70): VV019506.D (-39) (-)





#5

Vinyl chloride

Concen: 6.428 ug/L

RT: 1.31 min Scan# 69

Delta R.T. -0.00 min

Lab File: VV019506.D

Acq: 10 Dec 2020 11:40

Instrument :

MSVOA_V

ClientSampleId :

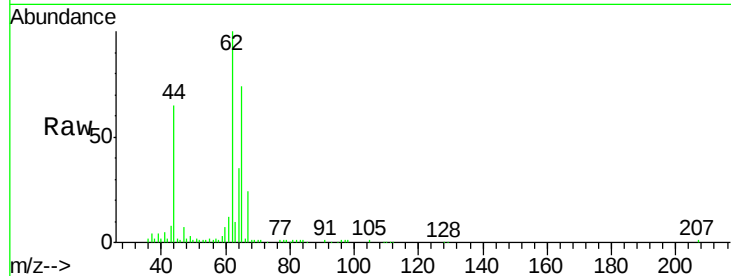
VSTD00566

Tgt Ion: 62 Resp: 30464

Ion Ratio Lower Upper

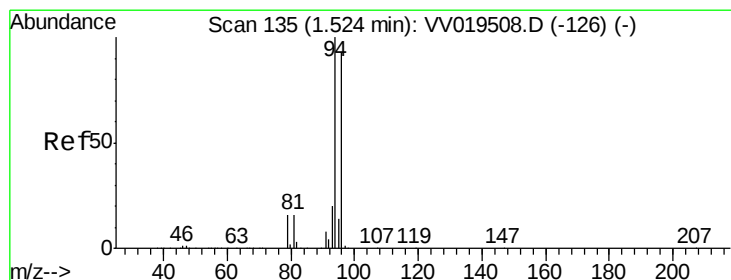
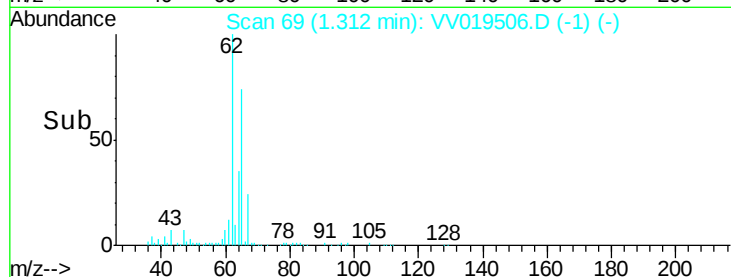
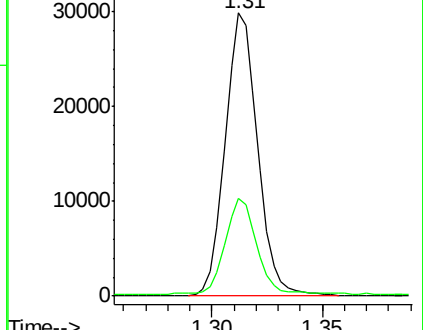
62 100

64 34.6 22.5 41.7



Abundance Ion 62.00 (61.70 to 62.70): VV019506.D (-61) (-)

Ion 64.00 (63.70 to 64.70): VV019506.D (-61) (-)



#6

Bromomethane

Concen: 4.404 ug/L

RT: 1.52 min Scan# 135

Delta R.T. -0.00 min

Lab File: VV019506.D

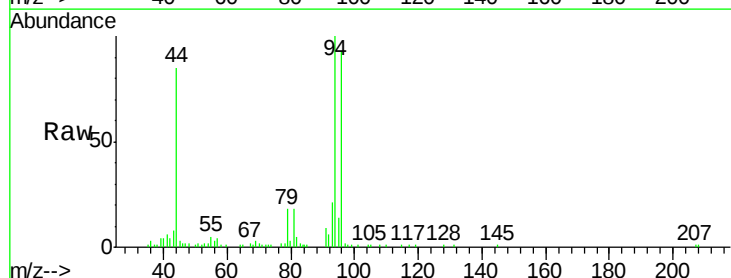
Acq: 10 Dec 2020 11:40

Tgt Ion: 94 Resp: 17899

Ion Ratio Lower Upper

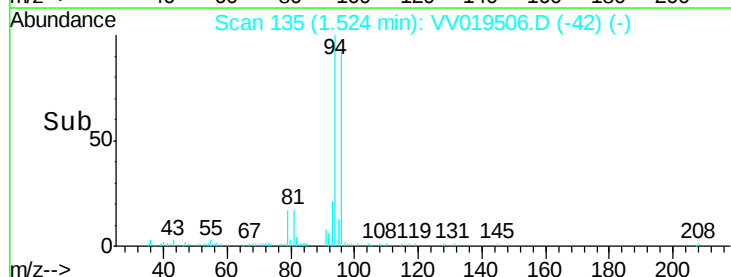
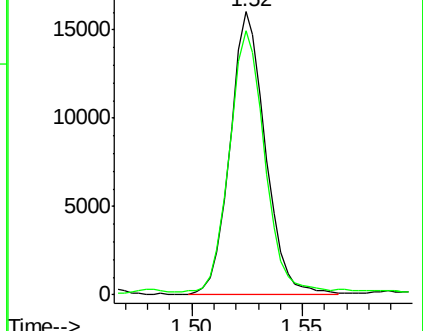
94 100

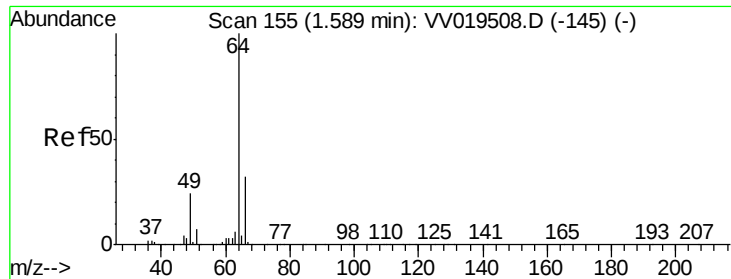
96 93.1 65.2 121.2



Abundance Ion 94.00 (93.70 to 94.70): VV019506.D (-126) (-)

Ion 96.00 (95.70 to 96.70): VV019506.D (-126) (-)





#8

Chloroethane

Concen: 5.233 ug/L

RT: 1.59 min Scan# 155

Delta R.T. -0.00 min

Lab File: VV019506.D

Acq: 10 Dec 2020 11:40

Instrument :

MSVOA_V

ClientSampleId :

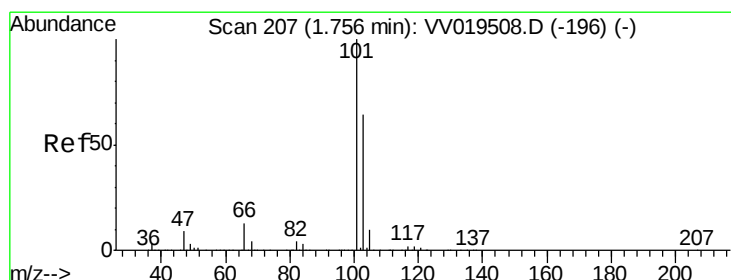
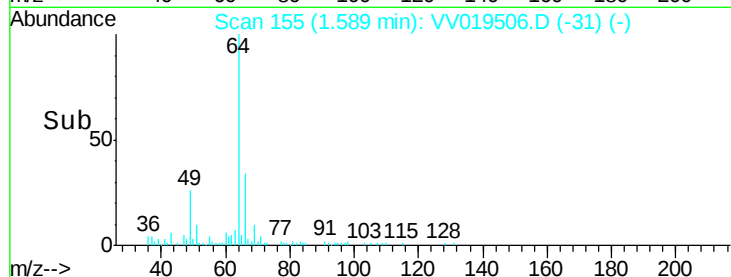
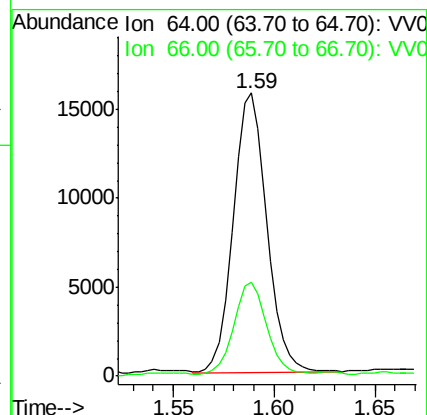
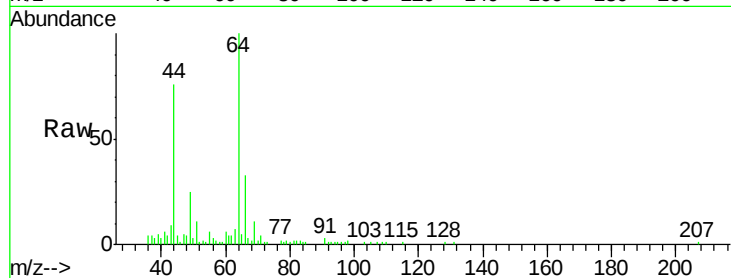
VSTD00566

Tgt Ion: 64 Resp: 18338

Ion Ratio Lower Upper

64 100

66 33.3 22.5 41.7



#9

Trichlorofluoromethane

Concen: 5.095 ug/L

RT: 1.76 min Scan# 207

Delta R.T. -0.00 min

Lab File: VV019506.D

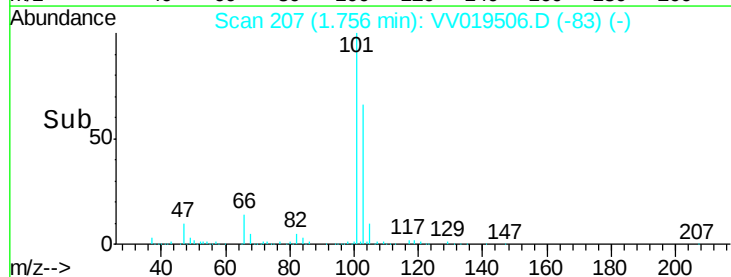
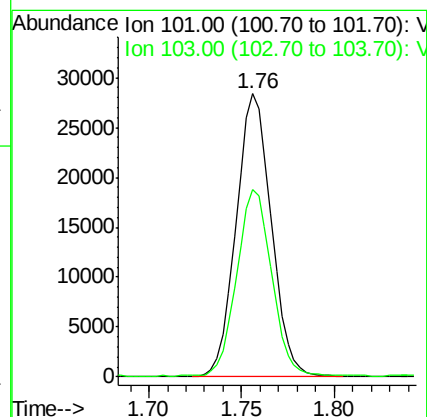
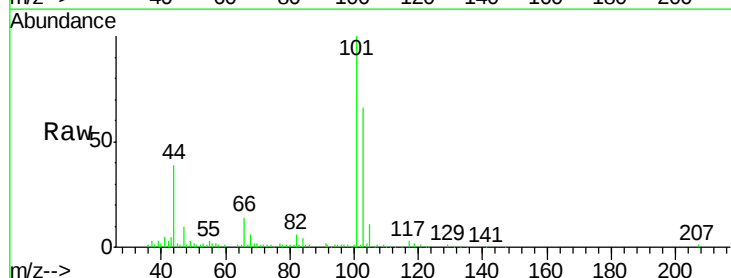
Acq: 10 Dec 2020 11:40

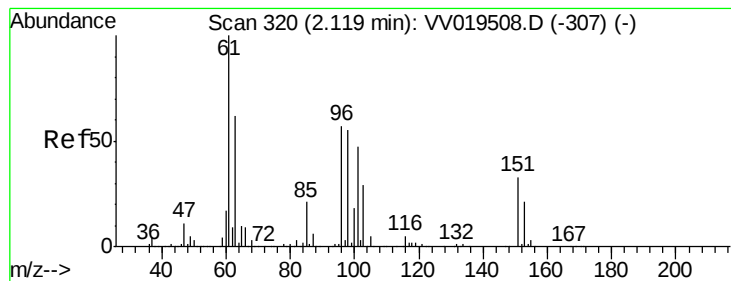
Tgt Ion: 101 Resp: 37380

Ion Ratio Lower Upper

101 100

103 65.7 51.6 77.4





#10

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

Concen: 4.777 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.00 min

Lab File: VV019506.D

Acq: 10 Dec 2020 11:40

Instrument :

MSVOA_V

ClientSampleId :

VSTD00566

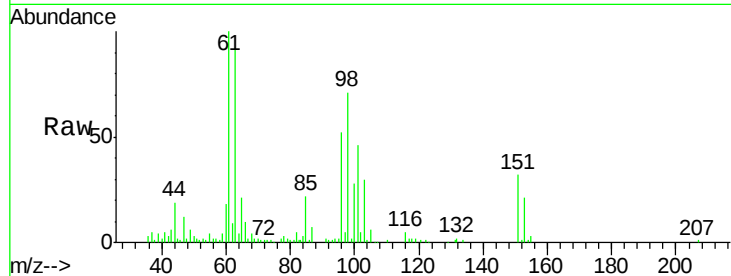
Tgt Ion: 101 Resp: 20212

Ion Ratio Lower Upper

101 100

85 48.3 35.0 52.4

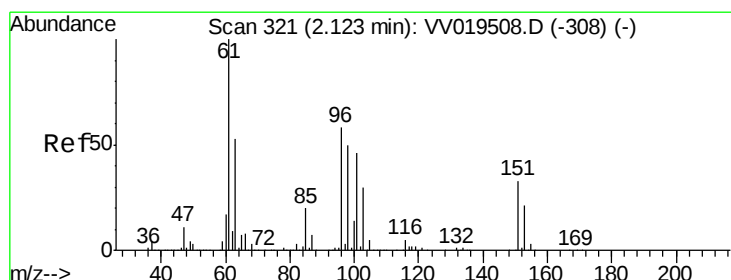
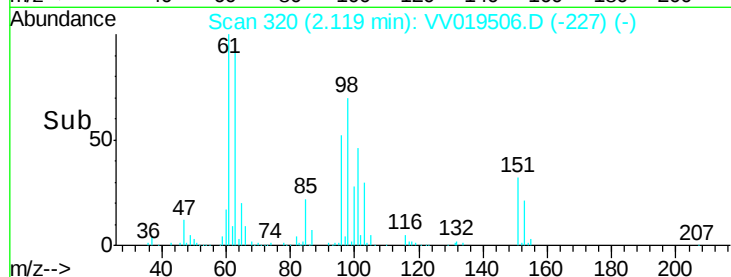
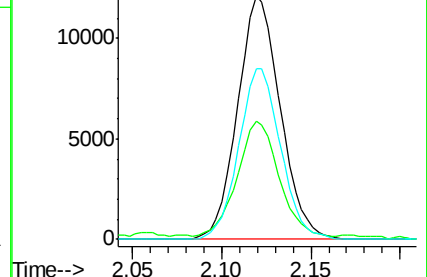
151 68.8 55.8 83.8



Abundance Ion 101.00 (100.70 to 101.70): VV019506.D (-227) (-)

Ion 85.00 (84.70 to 85.70): VV019506.D (-227) (-)

Ion 151.00 (150.70 to 151.70): VV019506.D (-227) (-)



#12

1,1-Dichloroethene

Concen: 5.155 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.00 min

Lab File: VV019506.D

Acq: 10 Dec 2020 11:40

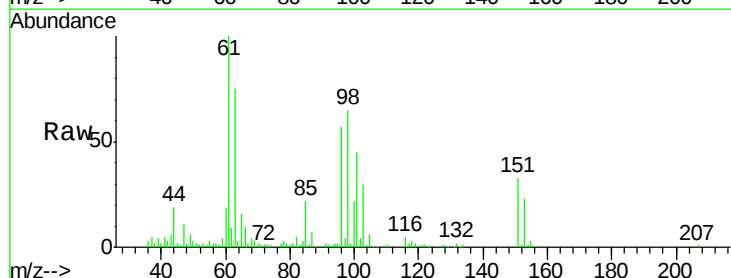
Tgt Ion: 96 Resp: 21049

Ion Ratio Lower Upper

96 100

61 174.4 120.7 224.1

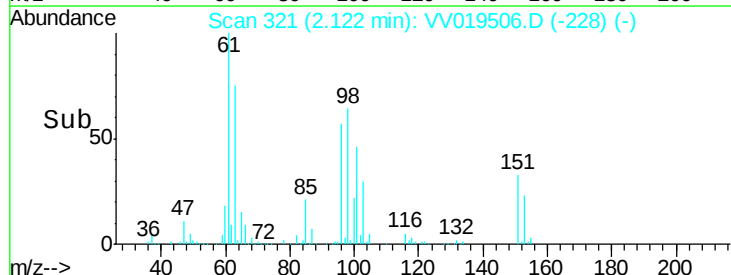
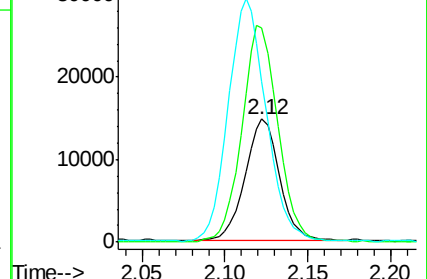
63 130.8 64.3 119.5#

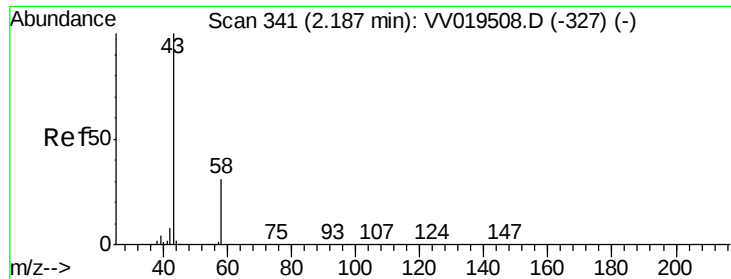


Abundance Ion 96.00 (95.70 to 96.70): VV019506.D (-228) (-)

Ion 61.00 (60.70 to 61.70): VV019506.D (-228) (-)

Ion 63.00 (62.70 to 63.70): VV019506.D (-228) (-)





#13

Acetone

Concen: 6.454 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

Lab File: VV019506.D

Acq: 10 Dec 2020 11:40

Instrument :

MSVOA_V

ClientSampleId :

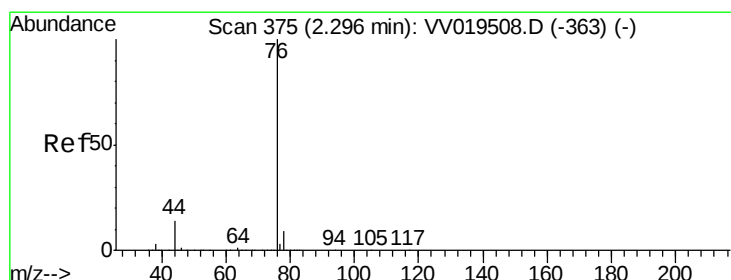
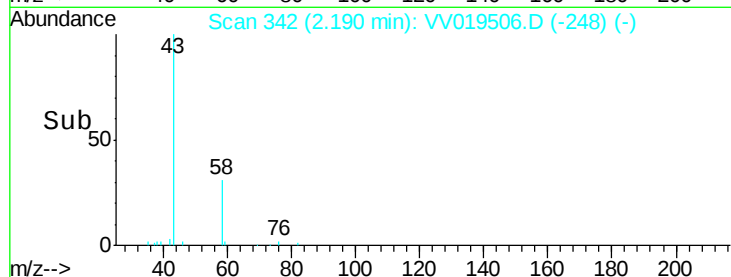
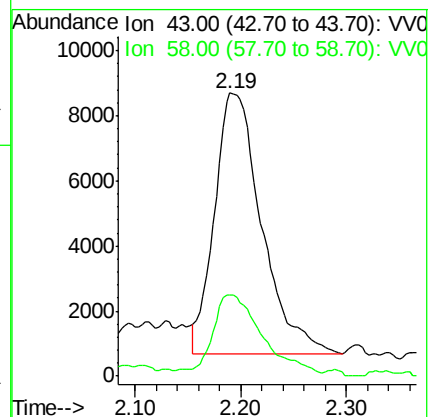
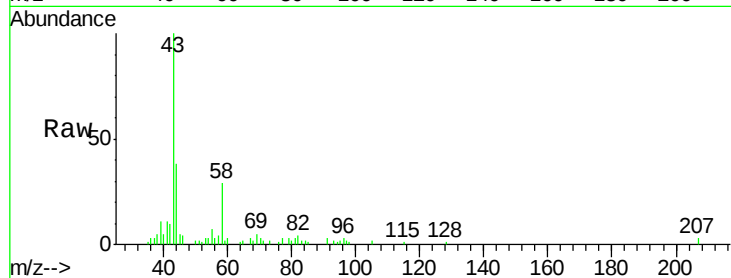
VSTD00566

Tgt Ion: 43 Resp: 25005

Ion Ratio Lower Upper

43 100

58 31.1 0.0 61.6



#14

Carbon disulfide

Concen: 5.959 ug/L

RT: 2.30 min Scan# 376

Delta R.T. 0.00 min

Lab File: VV019506.D

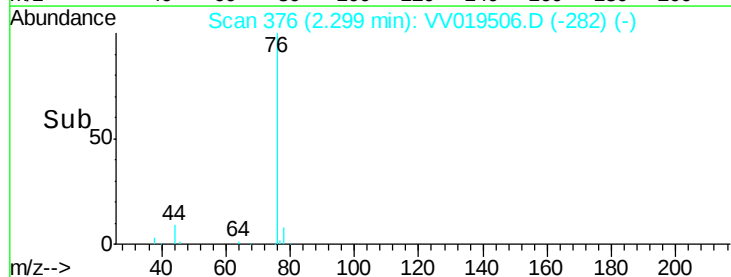
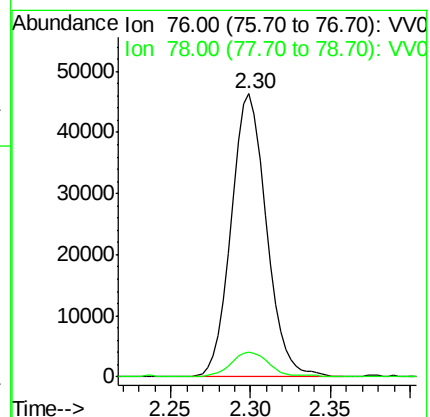
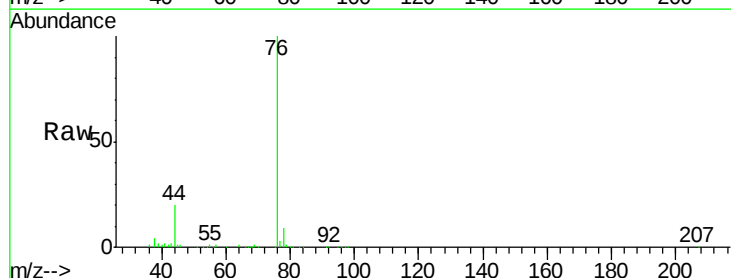
Acq: 10 Dec 2020 11:40

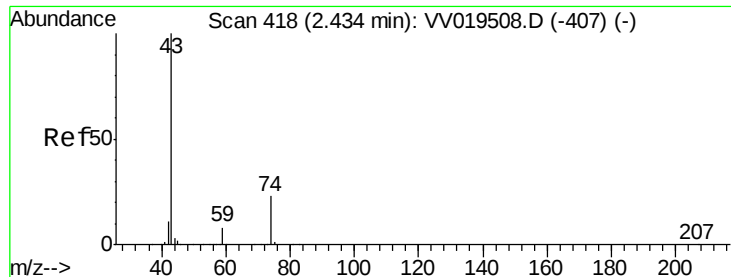
Tgt Ion: 76 Resp: 69558

Ion Ratio Lower Upper

76 100

78 8.7 7.2 10.8

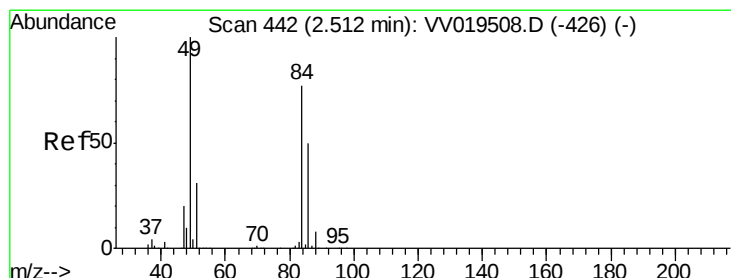
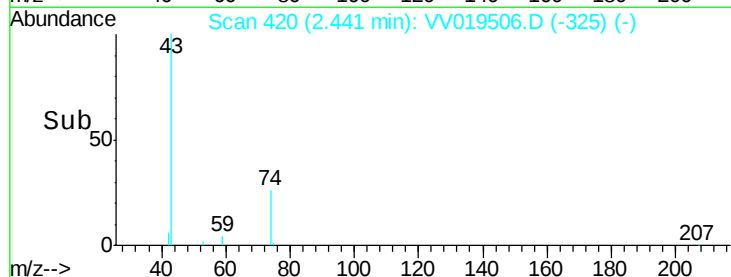
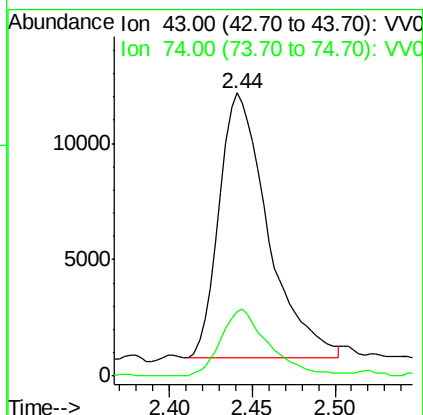
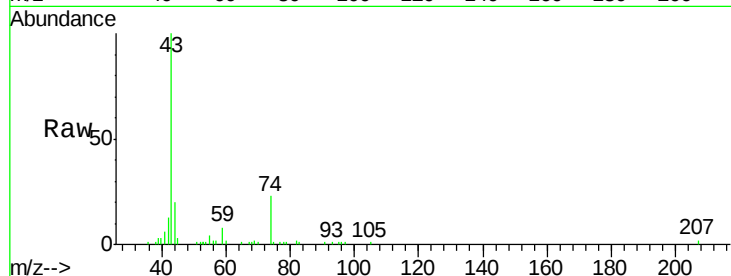




#15
Methyl Acetate
Concen: 3.628 ug/L
RT: 2.44 min Scan# 420
Delta R.T. 0.01 min
Lab File: VV019506.D
Acq: 10 Dec 2020 11:40

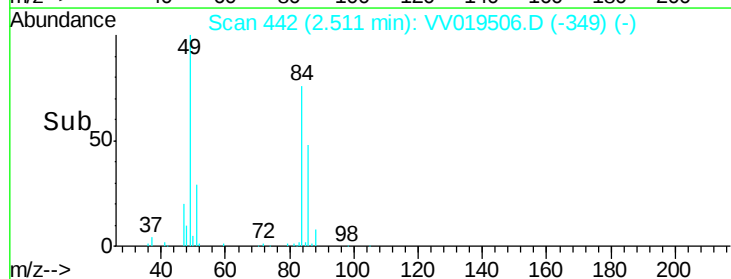
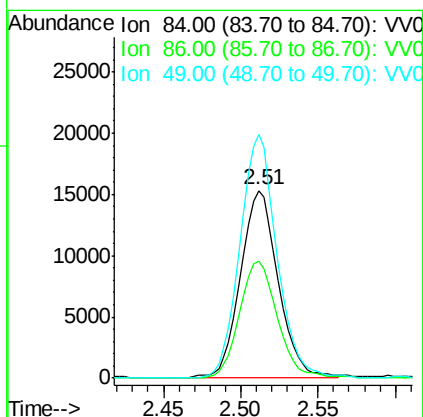
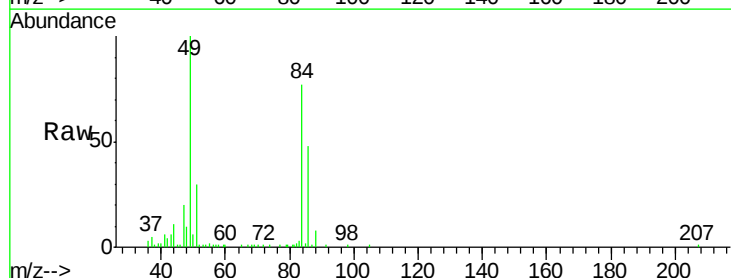
Instrument :
MSVOA_V
ClientSampled :
VSTD00566

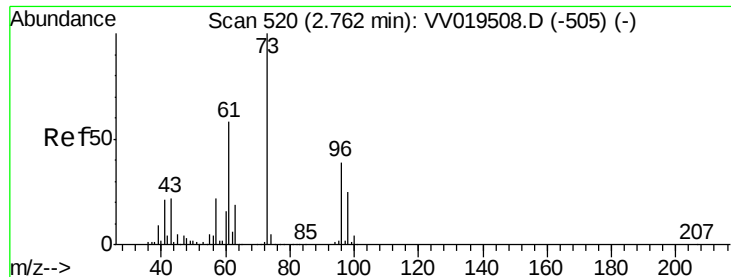
Tgt Ion: 43 Resp: 23385
Ion Ratio Lower Upper
43 100
74 24.2 18.2 27.4



#16
Methylene chloride
Concen: 4.787 ug/L
RT: 2.51 min Scan# 442
Delta R.T. -0.00 min
Lab File: VV019506.D
Acq: 10 Dec 2020 11:40

Tgt Ion: 84 Resp: 26110
Ion Ratio Lower Upper
84 100
86 62.0 45.7 84.9
49 129.7 90.6 168.3





#17

trans-1,2-Dichloroethene

Concen: 4.890 ug/L

RT: 2.77 min Scan# 521

Delta R.T. 0.00 min

Lab File: VV019506.D

Acq: 10 Dec 2020 11:40

Instrument :

MSVOA_V

ClientSampleId :

VSTD00566

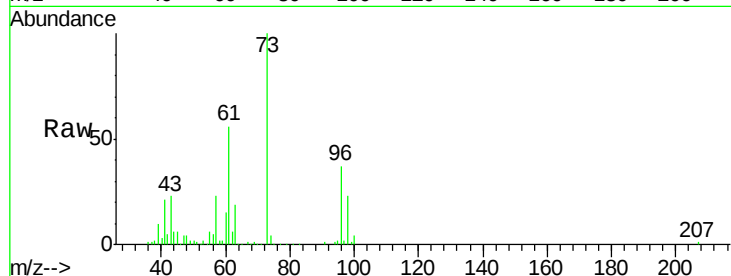
Tgt Ion: 96 Resp: 22415

Ion Ratio Lower Upper

96 100

61 152.0 103.5 192.1

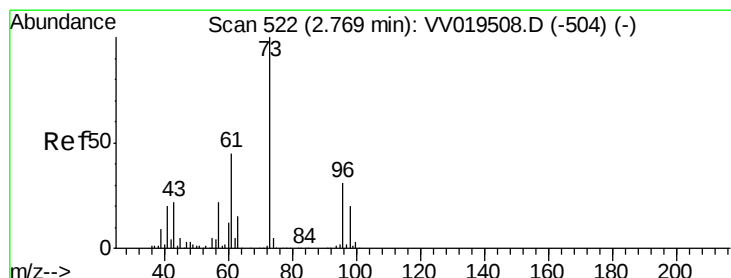
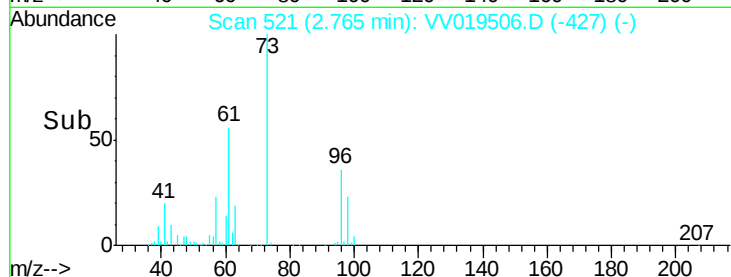
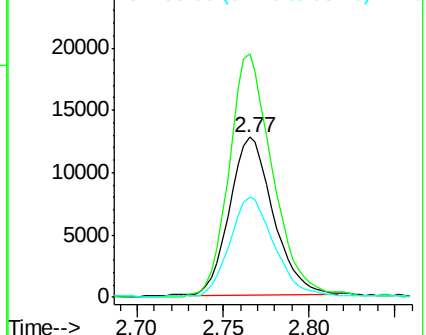
98 62.9 44.4 82.5



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



#18

Methyl tert-butyl Ether

Concen: 4.780 ug/L

RT: 2.77 min Scan# 523

Delta R.T. 0.00 min

Lab File: VV019506.D

Acq: 10 Dec 2020 11:40

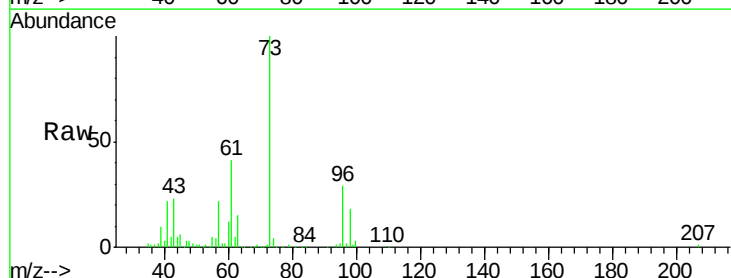
Tgt Ion: 73 Resp: 79704

Ion Ratio Lower Upper

73 100

43 21.7 17.3 25.9

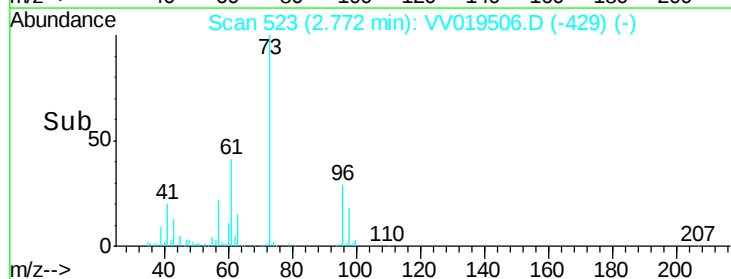
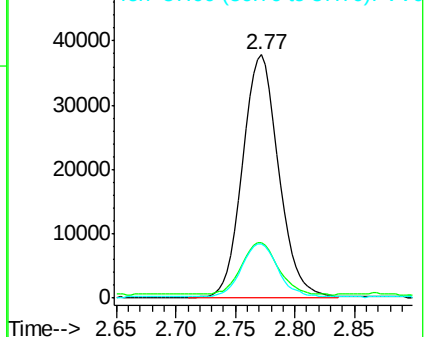
57 22.1 17.5 26.3

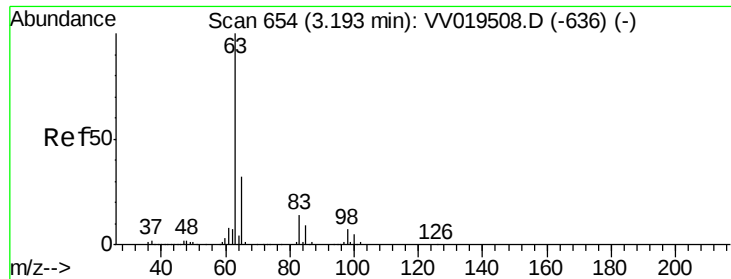


Abundance Ion 73.00 (72.70 to 73.70): VV0

Ion 43.00 (42.70 to 43.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

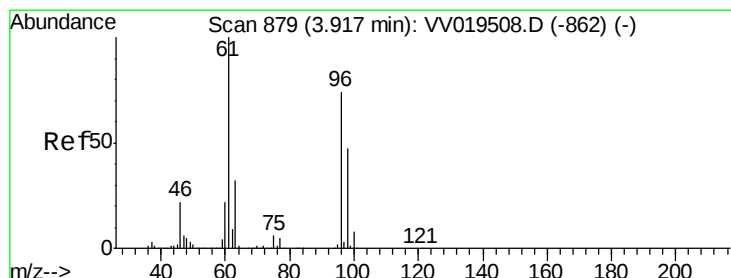
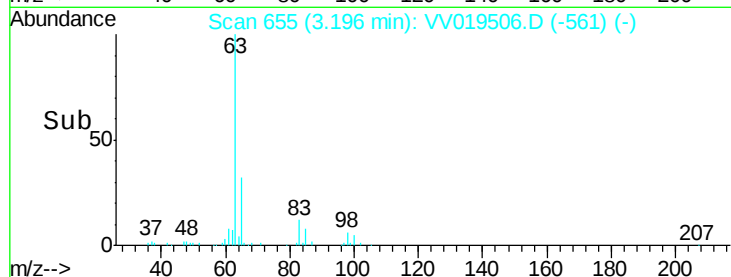
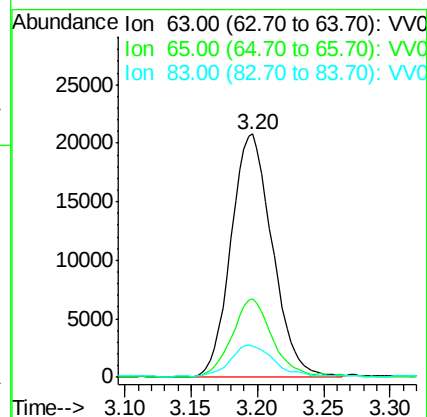
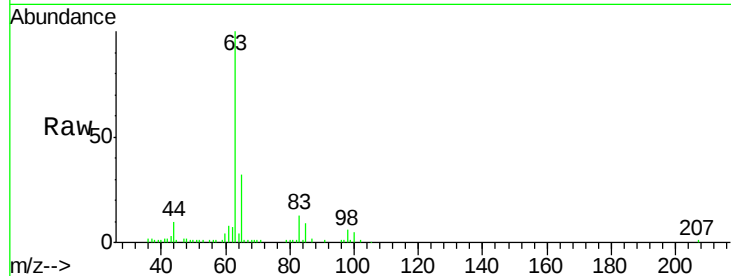




#19
 1,1-Dichloroethane
 Concen: 4.363 ug/L
 RT: 3.20 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: VV019506.D
 Acq: 10 Dec 2020 11:40

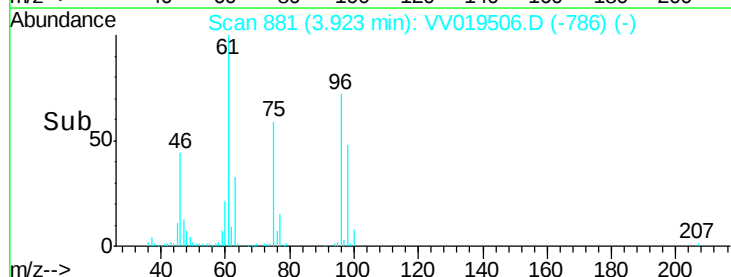
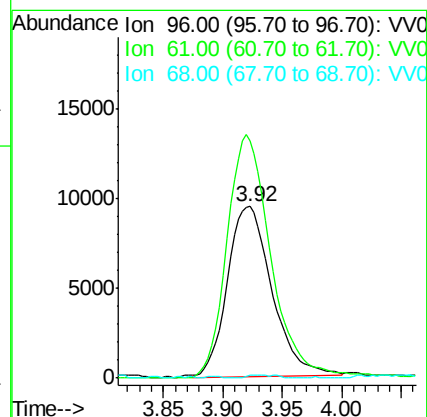
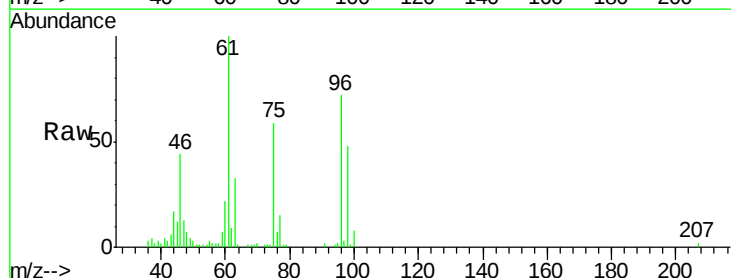
Instrument :
 MSVOA_V
 ClientSampled :
 VSTD00566

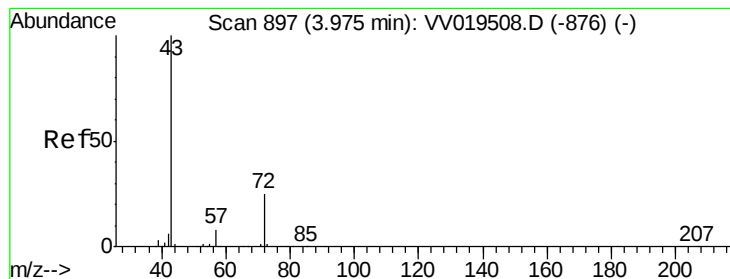
Tgt Ion: 63 Resp: 45143
 Ion Ratio Lower Upper
 63 100
 65 32.3 22.4 41.6
 83 12.8 9.6 17.8



#20
 cis-1,2-Dichloroethene
 Concen: 4.672 ug/L
 RT: 3.92 min Scan# 881
 Delta R.T. 0.01 min
 Lab File: VV019506.D
 Acq: 10 Dec 2020 11:40

Tgt Ion: 96 Resp: 24637
 Ion Ratio Lower Upper
 96 100
 61 138.5 94.1 174.8
 68 1.5 0.1 0.1#





#22

2-Butanone

Concen: 5.800 ug/L

RT: 4.00 min Scan# 905

Delta R.T. 0.03 min

Lab File: VV019506.D

Acq: 10 Dec 2020 11:40

Instrument :

MSVOA_V

ClientSampleId :

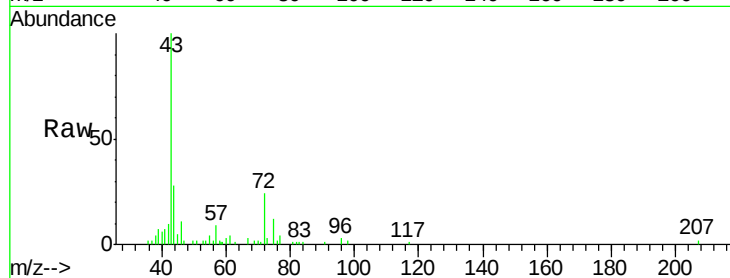
VSTD00566

Tgt Ion: 43 Resp: 28087

Ion Ratio Lower Upper

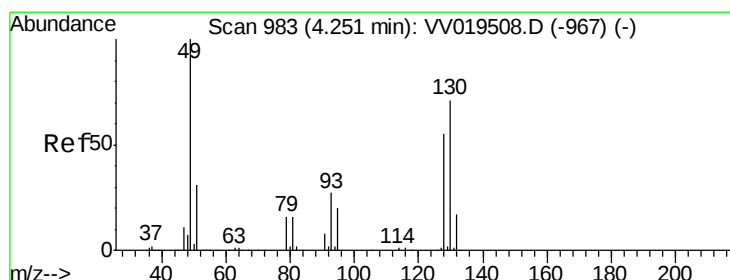
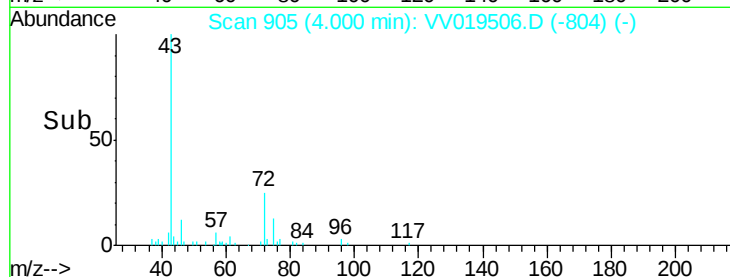
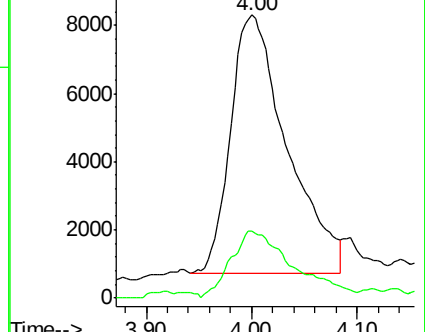
43 100

72 24.6 12.3 36.9



Abundance Ion 43.00 (42.70 to 43.70): VV019508.D (-876) (-)

Ion 72.00 (71.70 to 72.70): VV019508.D (-876) (-)



#23

Bromochloromethane

Concen: 2.210 ug/L

RT: 4.25 min Scan# 984

Delta R.T. 0.00 min

Lab File: VV019506.D

Acq: 10 Dec 2020 11:40

Tgt Ion: 128 Resp: 5747

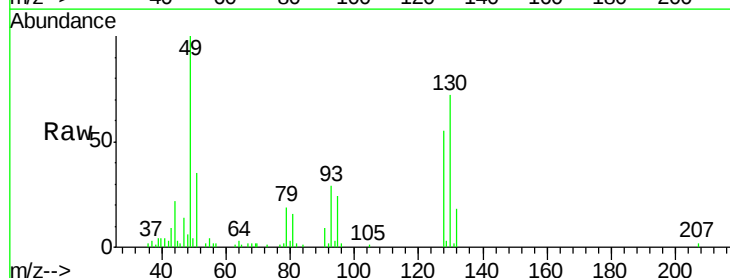
Ion Ratio Lower Upper

128 100

49 183.3 127.0 235.8

130 132.5 90.3 167.7

51 63.3 44.5 66.7

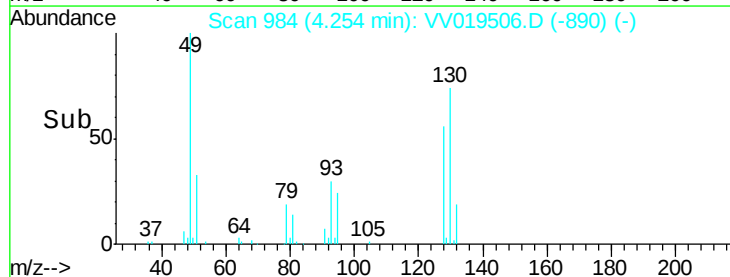
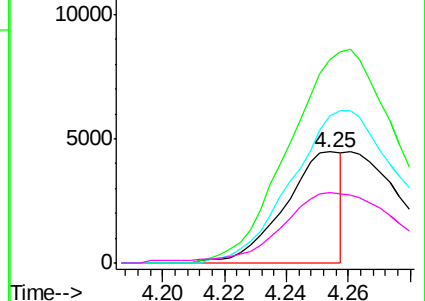


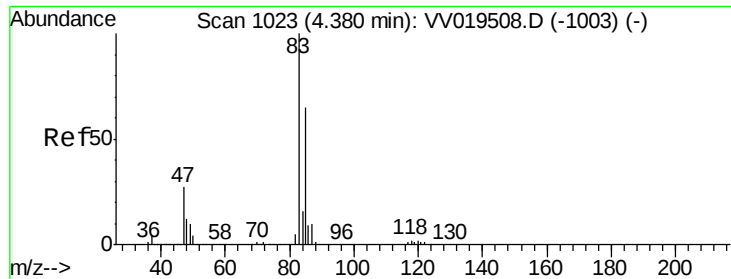
Abundance Ion 128.00 (127.70 to 128.70): VV019508.D (-967) (-)

Ion 49.00 (48.70 to 49.70): VV019508.D (-967) (-)

Ion 130.00 (129.70 to 130.70): VV019508.D (-967) (-)

Ion 51.00 (50.70 to 51.70): VV019508.D (-967) (-)





#25

Chloroform

Concen: 4.344 ug/L

RT: 4.38 min Scan# 1024

Delta R.T. 0.00 min

Lab File: VV019506.D

Acq: 10 Dec 2020 11:40

Instrument :

MSVOA_V

ClientSampleId :

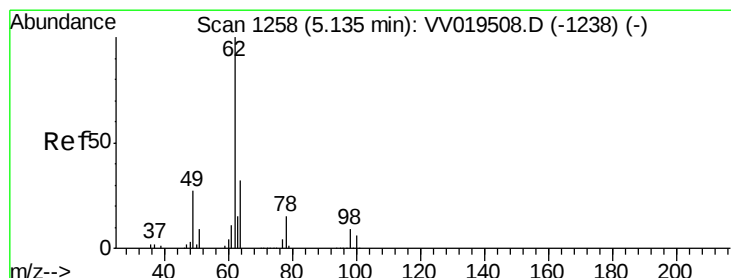
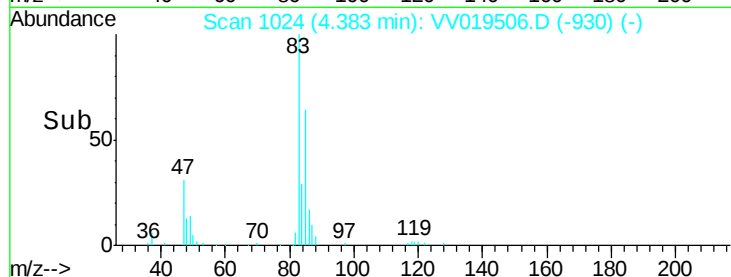
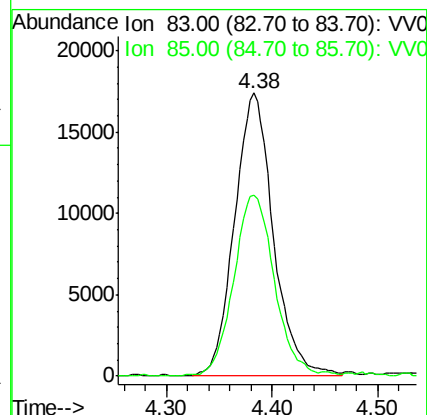
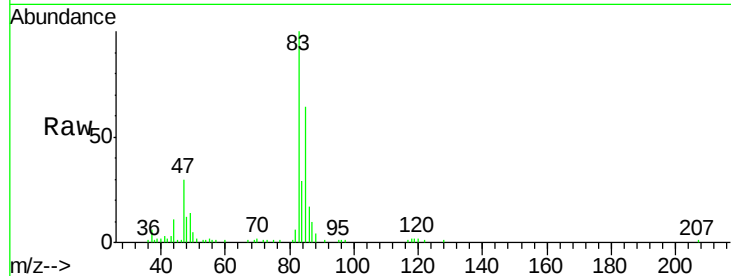
VSTD00566

Tgt Ion: 83 Resp: 44494

Ion Ratio Lower Upper

83 100

85 63.7 45.6 84.6



#27

1,2-Dichloroethane

Concen: 4.421 ug/L

RT: 5.14 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VV019506.D

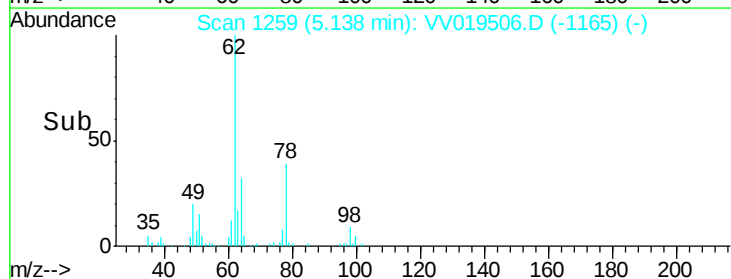
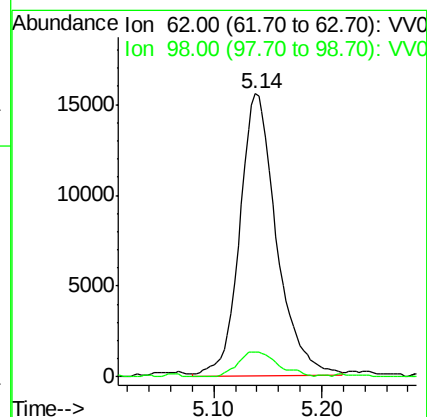
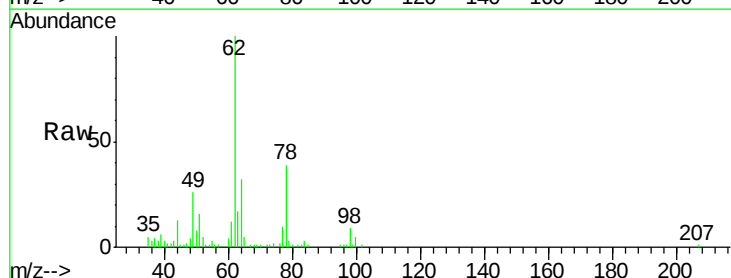
Acq: 10 Dec 2020 11:40

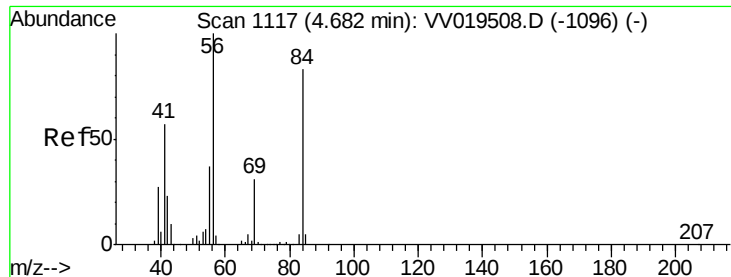
Tgt Ion: 62 Resp: 36927

Ion Ratio Lower Upper

62 100

98 8.7 7.4 11.0

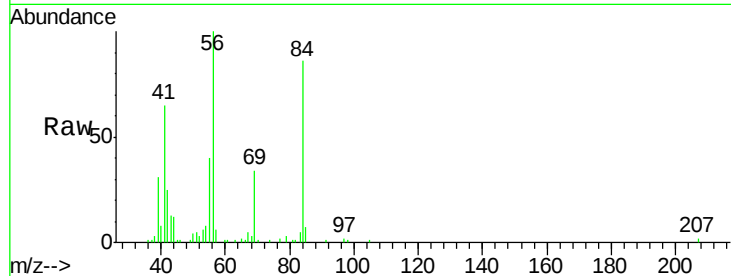




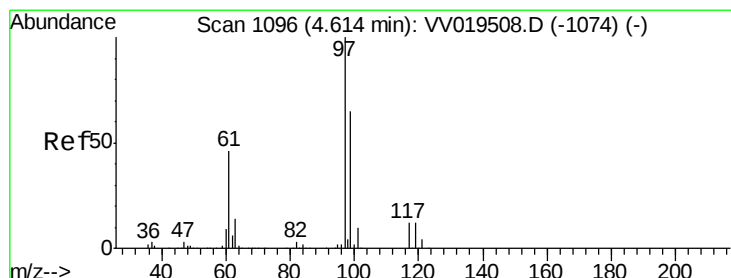
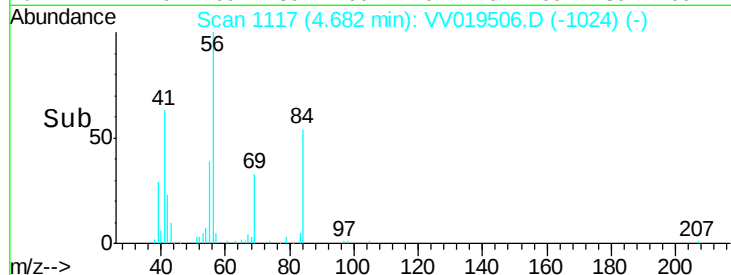
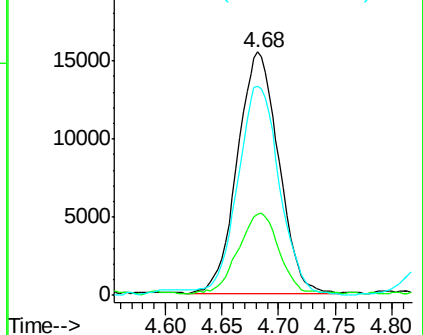
#29
Cyclohexane
Concen: 5.392 ug/L
RT: 4.68 min Scan# 1117
Delta R.T. -0.00 min
Lab File: VV019506.D
Acq: 10 Dec 2020 11:40

Instrument :
MSVOA_V
ClientSampleId :
VSTD00566

Tgt Ion: 56 Resp: 39070
Ion Ratio Lower Upper
56 100
69 32.3 24.6 37.0
84 87.9 68.2 102.4

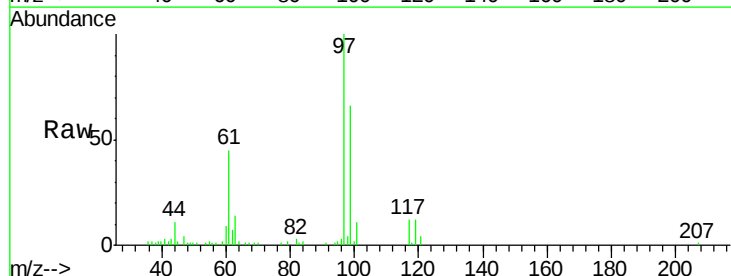


Abundance Ion 56.00 (55.70 to 56.70): VV0
Ion 69.00 (68.70 to 69.70): VV0
Ion 84.00 (83.70 to 84.70): VV0

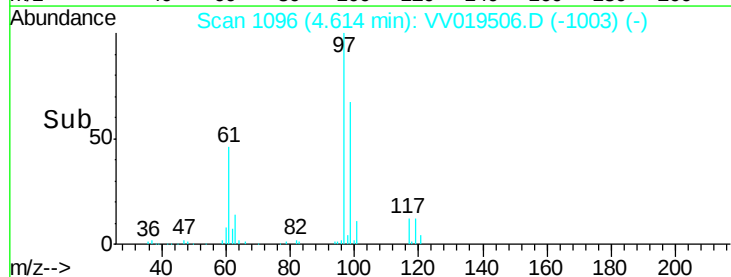
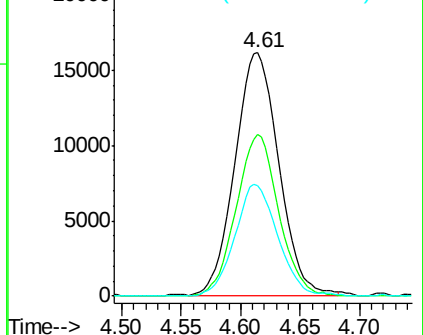


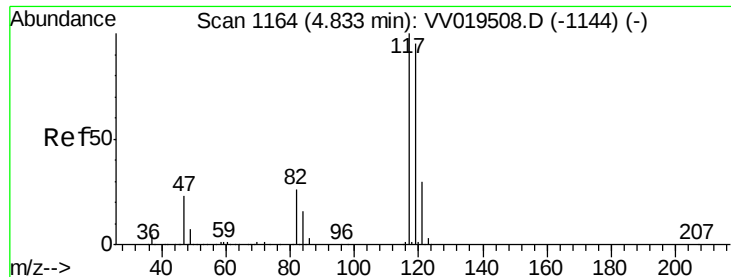
#30
1,1,1-Trichloroethane
Concen: 5.011 ug/L
RT: 4.61 min Scan# 1096
Delta R.T. -0.00 min
Lab File: VV019506.D
Acq: 10 Dec 2020 11:40

Tgt Ion: 97 Resp: 41537
Ion Ratio Lower Upper
97 100
99 63.4 51.3 76.9
61 44.3 36.3 54.5



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: 5.001 ug/L

RT: 4.83 min Scan# 1164

Delta R.T. -0.00 min

Lab File: VV019506.D

Acq: 10 Dec 2020 11:40

Instrument :

MSVOA_V

ClientSampleId :

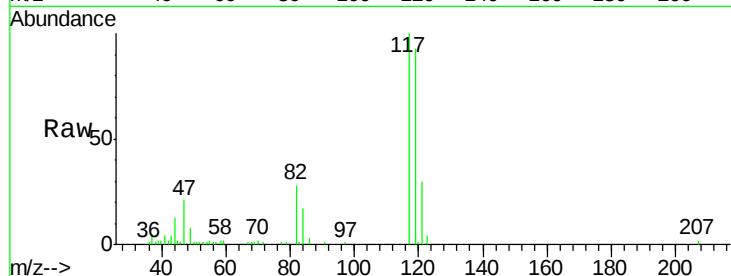
VSTD00566

Tgt Ion:117 Resp: 34142

Ion Ratio Lower Upper

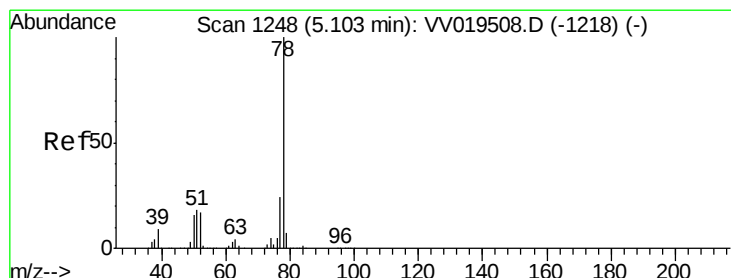
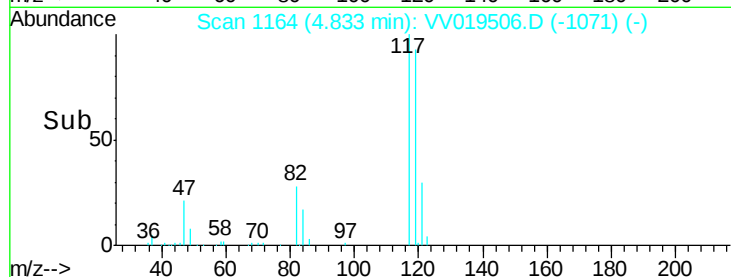
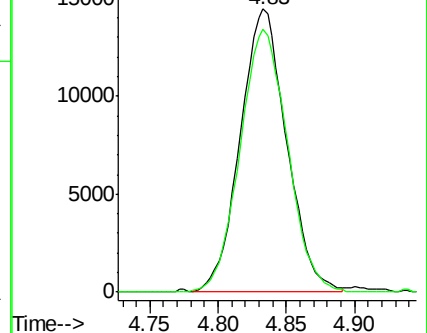
117 100

119 95.1 75.7 113.5



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#33

Benzene

Concen: 4.967 ug/L

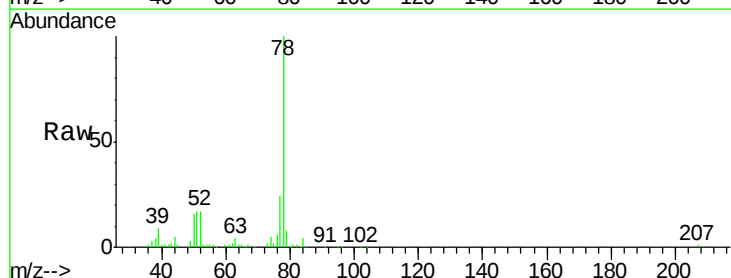
RT: 5.10 min Scan# 1248

Delta R.T. -0.00 min

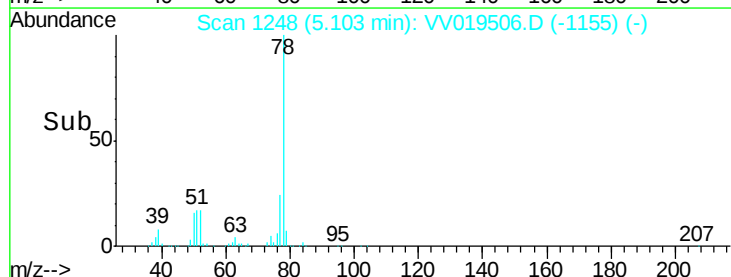
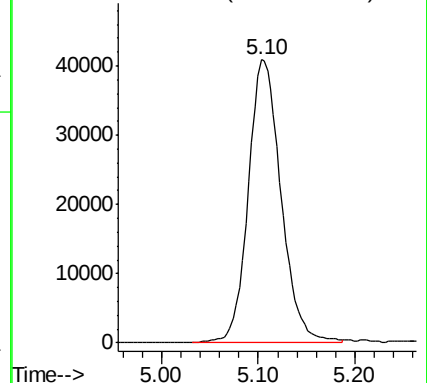
Lab File: VV019506.D

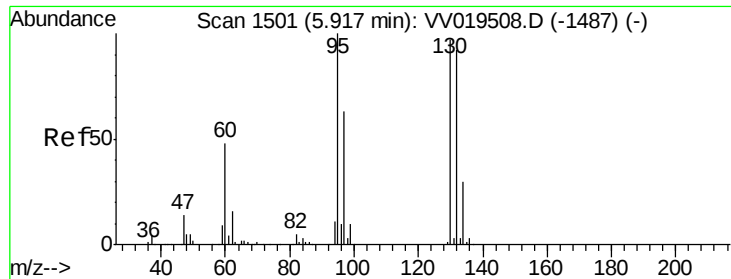
Acq: 10 Dec 2020 11:40

Tgt Ion: 78 Resp: 96584



Abundance Ion 78.00 (77.70 to 78.70): VV0





#34

Trichloroethene

Concen: 4.738 ug/L

RT: 5.92 min Scan# 1503

Delta R.T. 0.01 min

Lab File: VV019506.D

Acq: 10 Dec 2020 11:40

Instrument :

MSVOA_V

ClientSampleId :

VSTD00566

Tgt Ion: 95 Resp: 25755

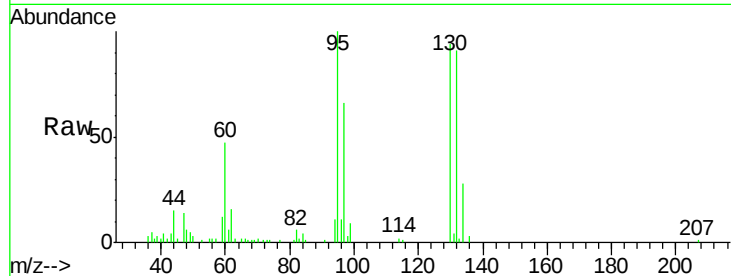
Ion Ratio Lower Upper

95 100

97 65.9 44.4 82.4

132 91.4 64.3 119.3

130 94.1 67.8 125.8

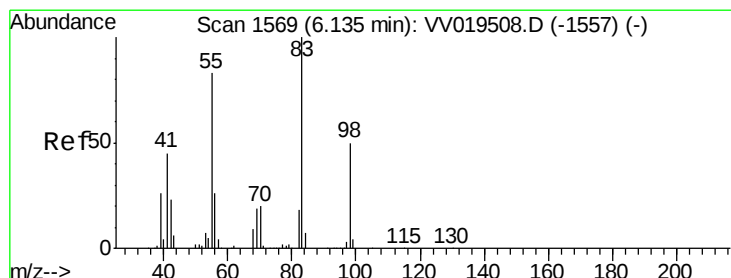
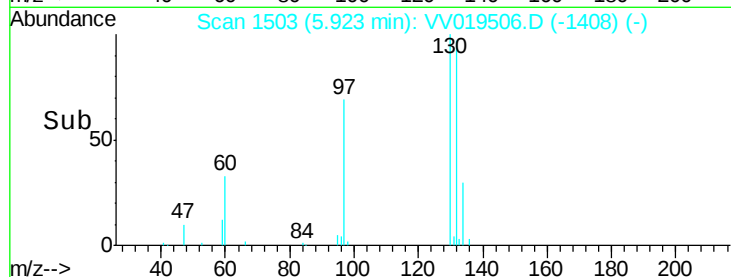
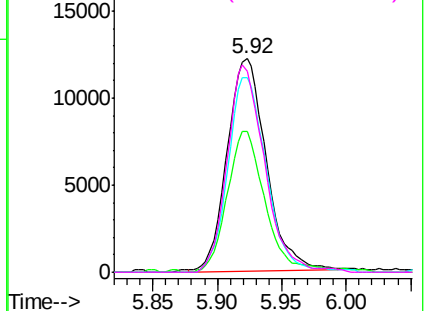


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 5.616 ug/L

RT: 6.14 min Scan# 1569

Delta R.T. -0.00 min

Lab File: VV019506.D

Acq: 10 Dec 2020 11:40

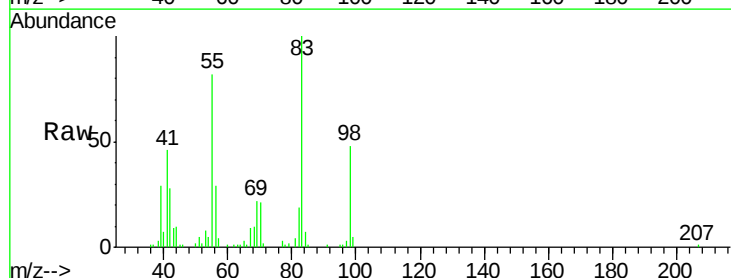
Tgt Ion: 83 Resp: 37827

Ion Ratio Lower Upper

83 100

55 81.4 64.2 96.4

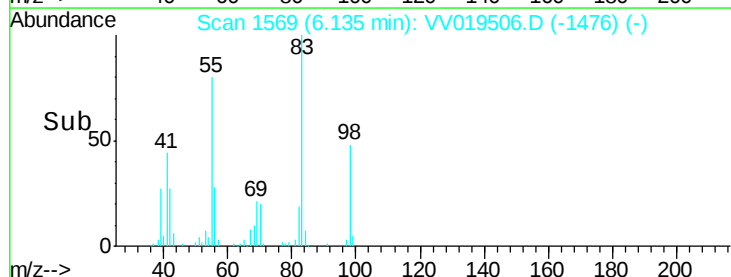
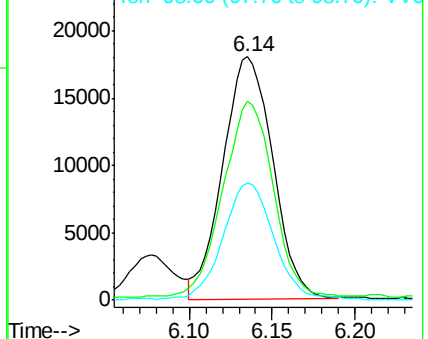
98 49.0 39.3 58.9

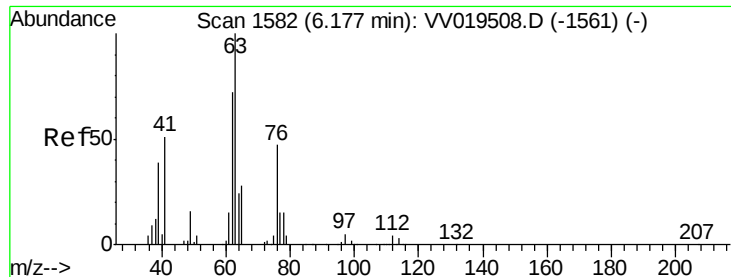


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

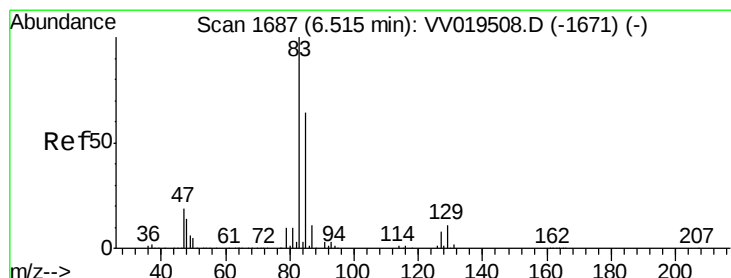
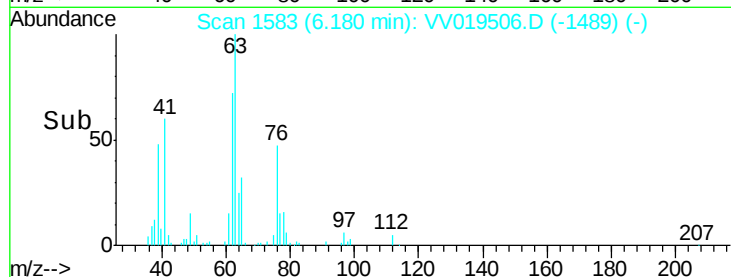
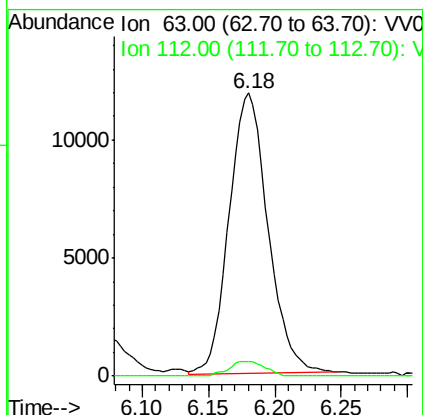
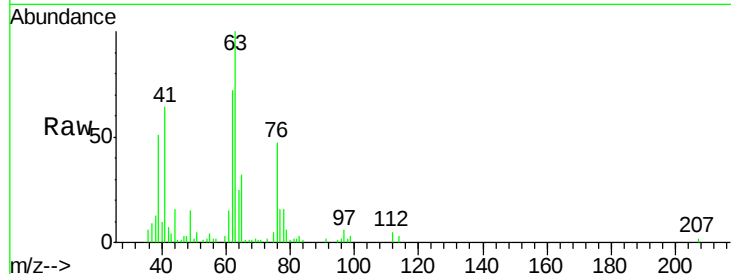




#37
 1,2-Dichloropropane
 Concen: 4.286 ug/L
 RT: 6.18 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VV019506.D
 Acq: 10 Dec 2020 11:40

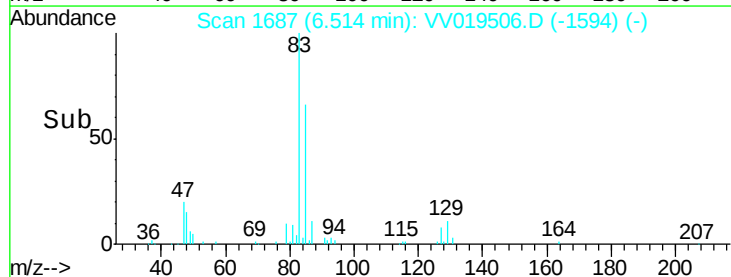
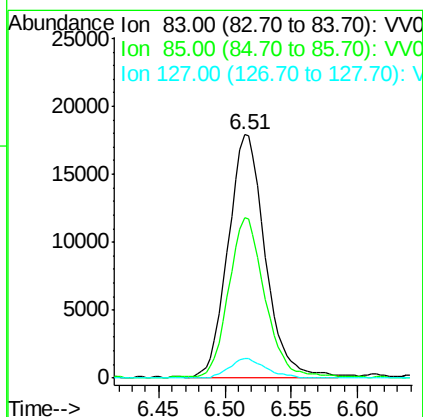
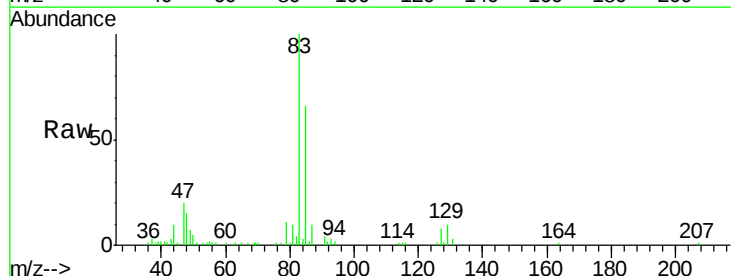
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00566

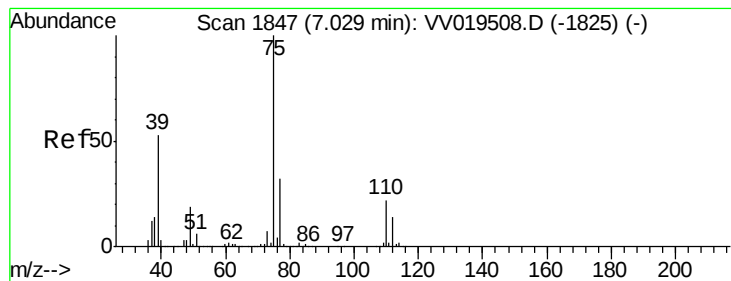
Tgt Ion: 63 Resp: 24189
 Ion Ratio Lower Upper
 63 100
 112 4.8 3.5 5.3



#38
 Bromodichloromethane
 Concen: 4.744 ug/L
 RT: 6.51 min Scan# 1687
 Delta R.T. -0.00 min
 Lab File: VV019506.D
 Acq: 10 Dec 2020 11:40

Tgt Ion: 83 Resp: 35033
 Ion Ratio Lower Upper
 83 100
 85 65.7 44.9 83.5
 127 8.2 6.7 10.1



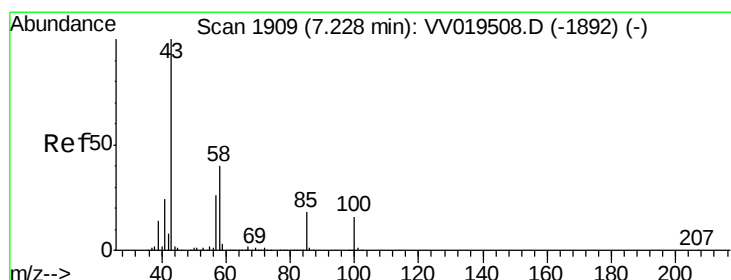
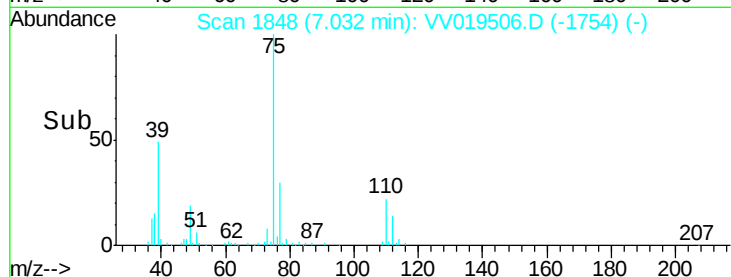
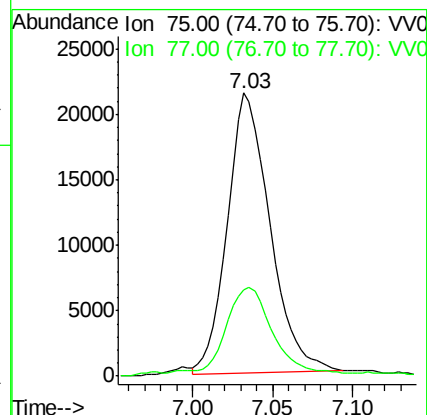
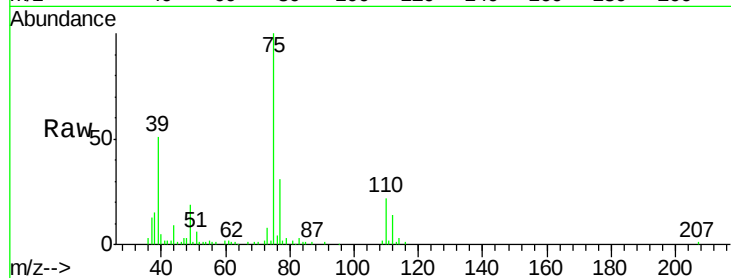


#39

cis-1,3-Dichloropropene
 Concen: 4.763 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. 0.00 min
 Lab File: VV019506.D
 Acq: 10 Dec 2020 11:40

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00566

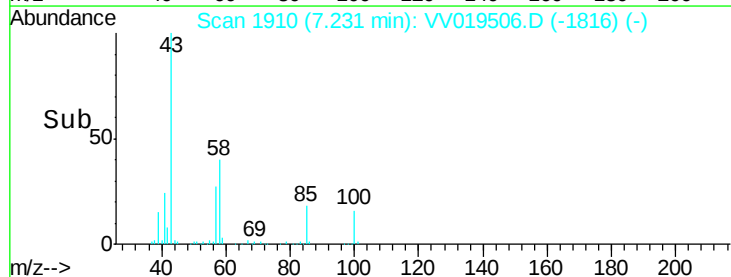
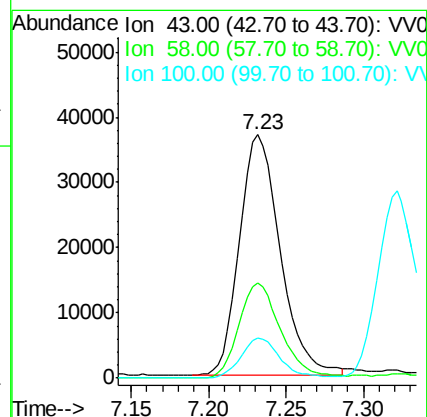
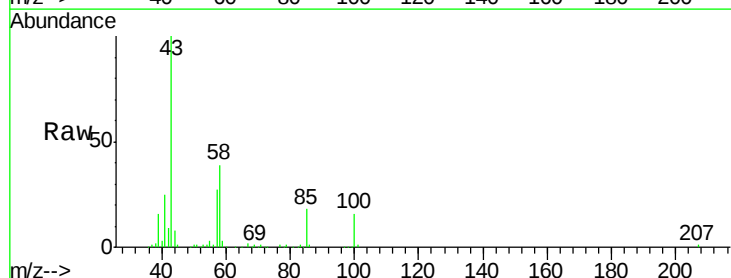
Tgt Ion: 75 Resp: 38926
 Ion Ratio Lower Upper
 75 100
 77 30.6 22.4 41.6

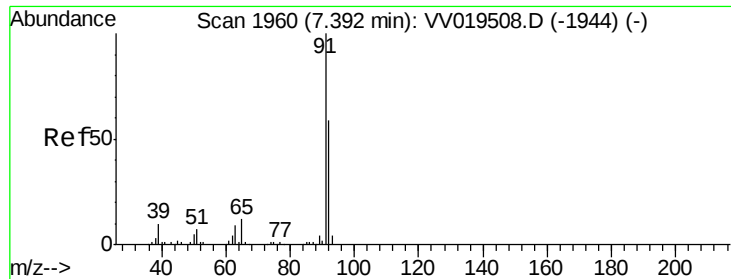


#40

4-Methyl-2-pentanone
 Concen: 8.155 ug/L
 RT: 7.23 min Scan# 1910
 Delta R.T. 0.00 min
 Lab File: VV019506.D
 Acq: 10 Dec 2020 11:40

Tgt Ion: 43 Resp: 67476
 Ion Ratio Lower Upper
 43 100
 58 40.5 31.7 47.5
 100 16.1 12.5 18.7





#42

Toluene

Concen: 5.100 ug/L

RT: 7.39 min Scan# 1960

Delta R.T. -0.00 min

Lab File: VV019506.D

Acq: 10 Dec 2020 11:40

Instrument :

MSVOA_V

ClientSampleId :

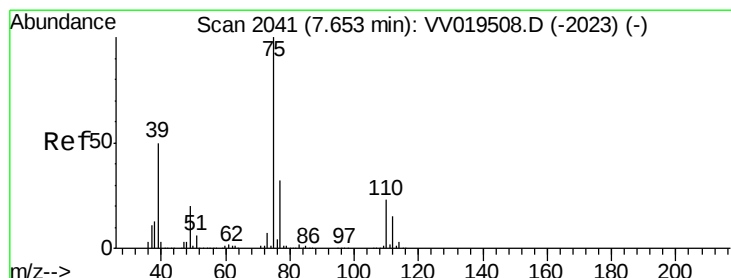
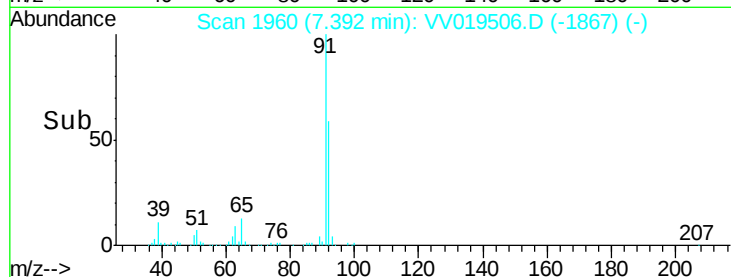
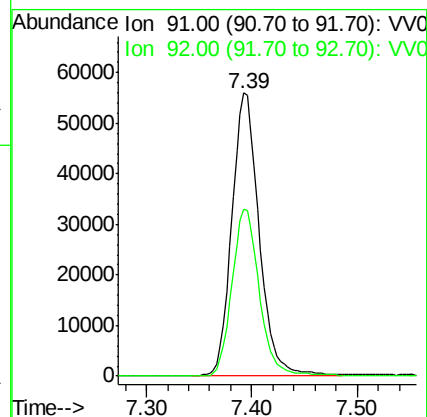
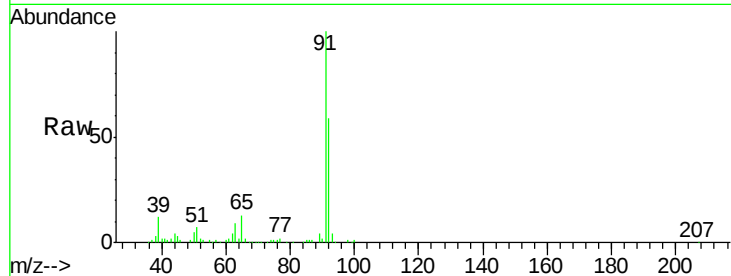
VSTD00566

Tgt Ion: 91 Resp: 100515

Ion Ratio Lower Upper

91 100

92 59.0 41.4 76.8



#44

trans-1,3-Dichloropropene

Concen: 5.024 ug/L

RT: 7.66 min Scan# 2042

Delta R.T. 0.00 min

Lab File: VV019506.D

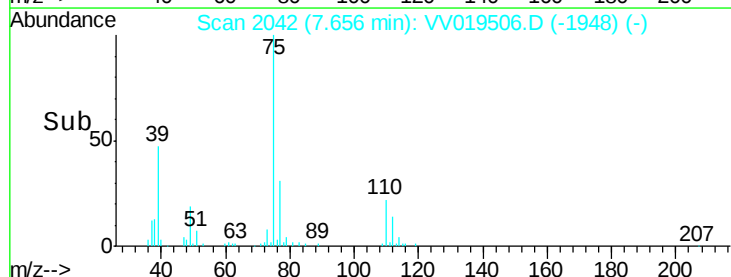
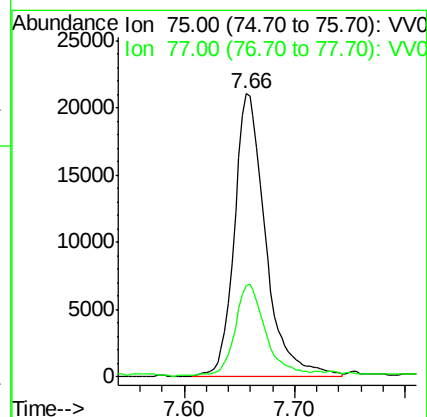
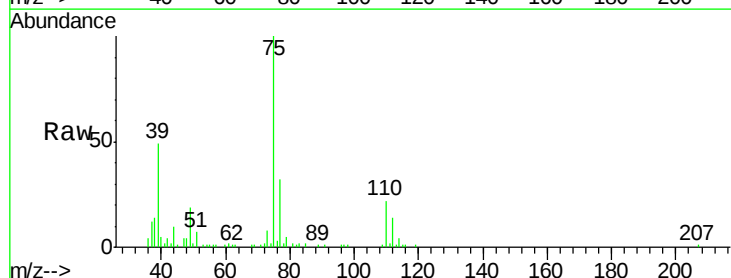
Acq: 10 Dec 2020 11:40

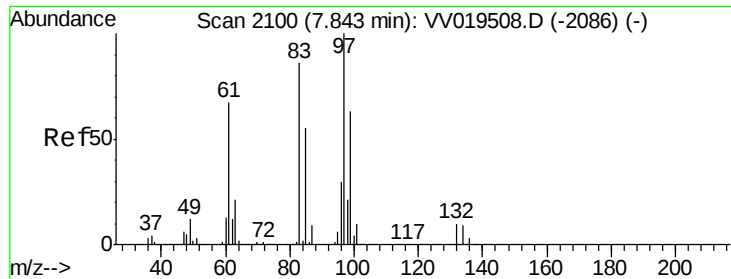
Tgt Ion: 75 Resp: 41588

Ion Ratio Lower Upper

75 100

77 32.1 22.5 41.9

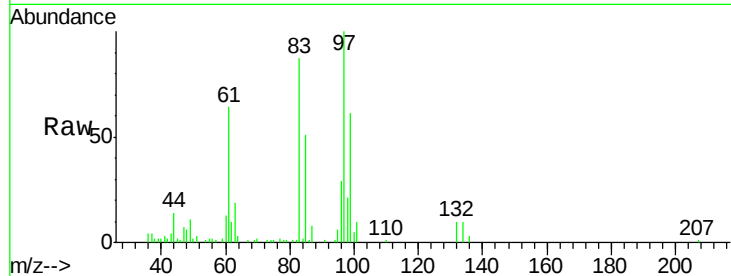




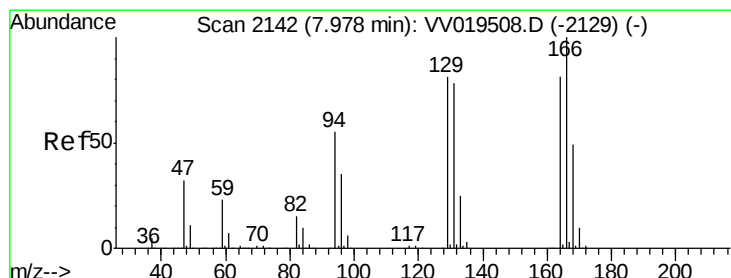
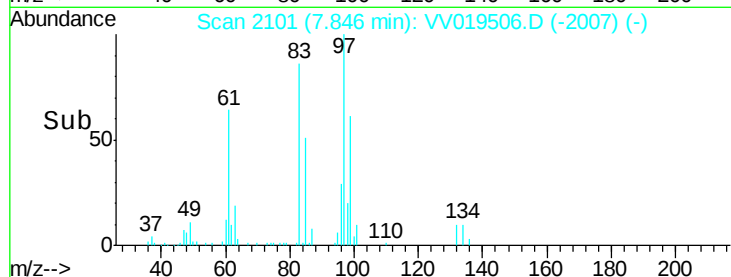
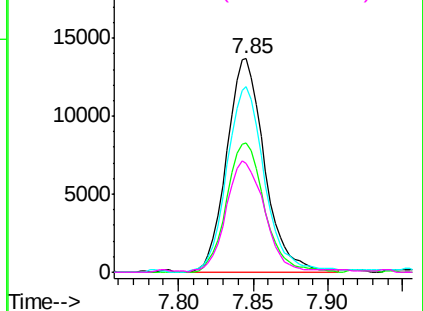
#45
 1,1,2-Trichloroethane
 Concen: 4.725 ug/L
 RT: 7.85 min Scan# 2101
 Delta R.T. 0.00 min
 Lab File: VV019506.D
 Acq: 10 Dec 2020 11:40

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00566

Tgt Ion:	97	Resp:	24183
Ion	Ratio	Lower	Upper
97	100		
99	60.8	44.1	81.9
83	86.7	60.0	111.4
85	51.0	38.6	71.8



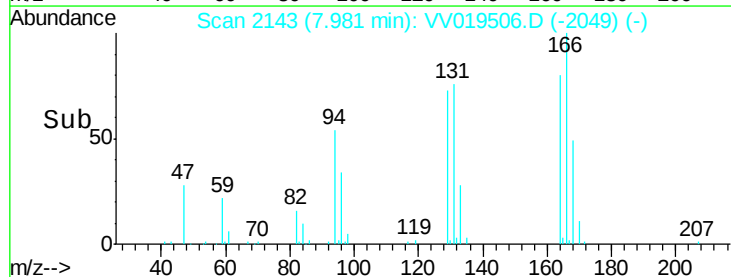
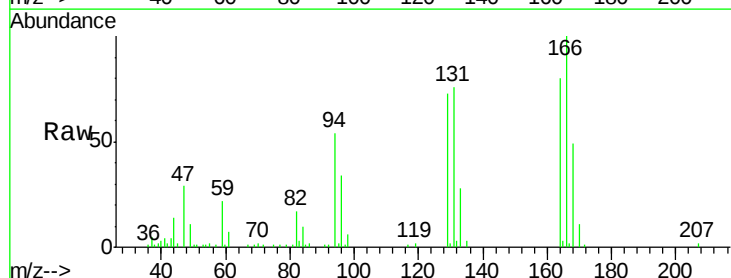
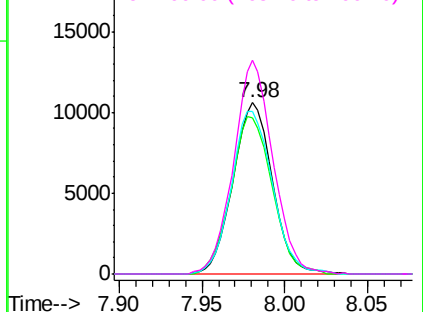
Abundance Ion 97.00 (96.70 to 97.70): VV019506.D (-2007) (-)

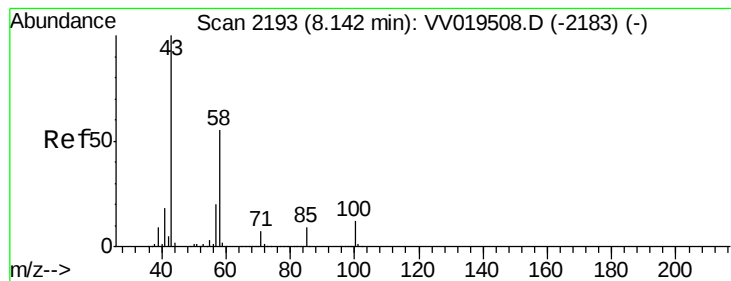


#46
 Tetrachloroethene
 Concen: 5.229 ug/L
 RT: 7.98 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VV019506.D
 Acq: 10 Dec 2020 11:40

Tgt Ion:	164	Resp:	17543
Ion	Ratio	Lower	Upper
164	100		
129	91.5	70.6	131.0
131	95.1	68.0	126.4
166	124.9	86.9	161.5

Abundance Ion 164.00 (163.70 to 164.70): VV019506.D (-2049) (-)





#48

2-Hexanone

Concen: 7.909 ug/L

RT: 8.15 min Scan# 2195

Delta R.T. 0.01 min

Lab File: VV019506.D

Acq: 10 Dec 2020 11:40

Instrument :

MSVOA_V

ClientSampleId :

VSTD00566

Tgt Ion: 43 Resp: 51989

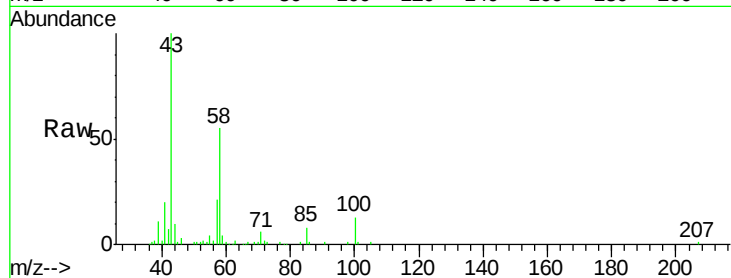
Ion Ratio Lower Upper

43 100

58 51.8 44.4 66.6

57 20.1 15.7 23.5

100 12.7 9.9 14.9

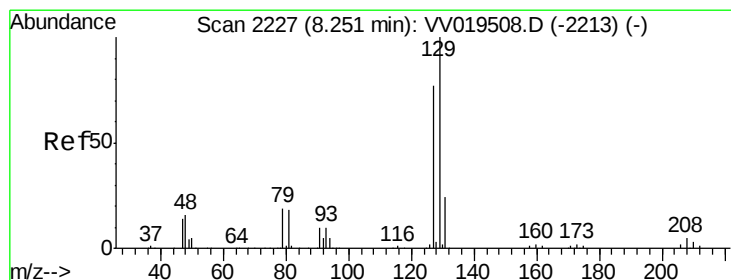
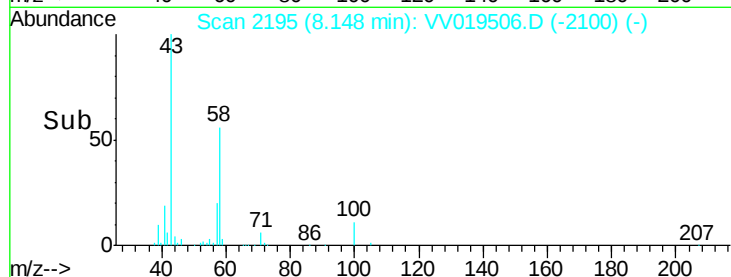
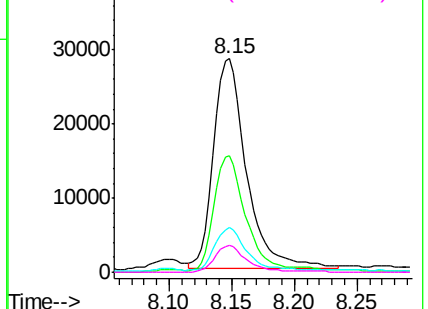


Abundance Ion 43.00 (42.70 to 43.70): VV0

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



#49

Dibromochloromethane

Concen: 4.617 ug/L

RT: 8.25 min Scan# 2227

Delta R.T. -0.00 min

Lab File: VV019506.D

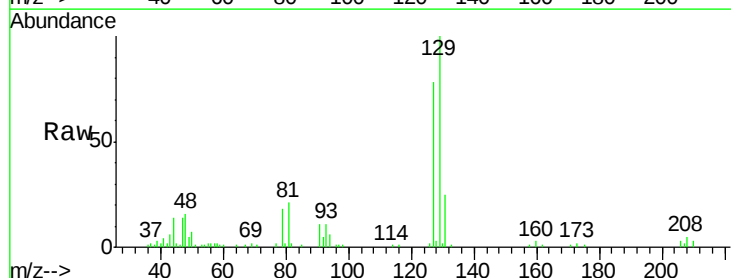
Acq: 10 Dec 2020 11:40

Tgt Ion: 129 Resp: 24751

Ion Ratio Lower Upper

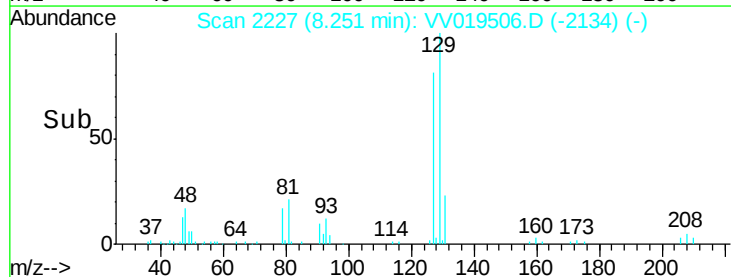
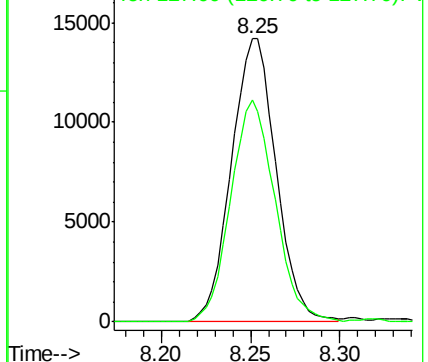
129 100

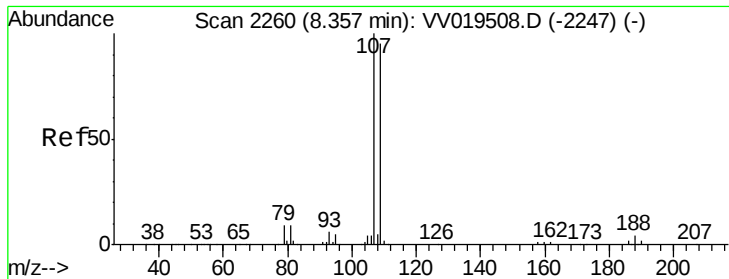
127 78.3 54.2 100.6



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

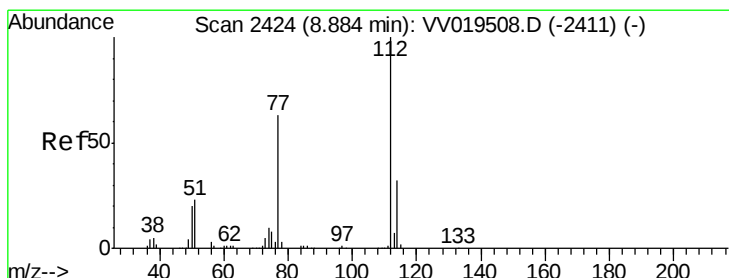
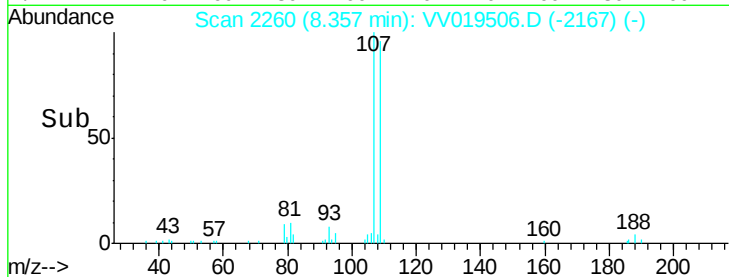
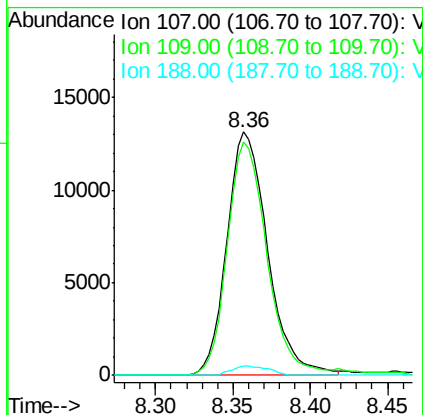
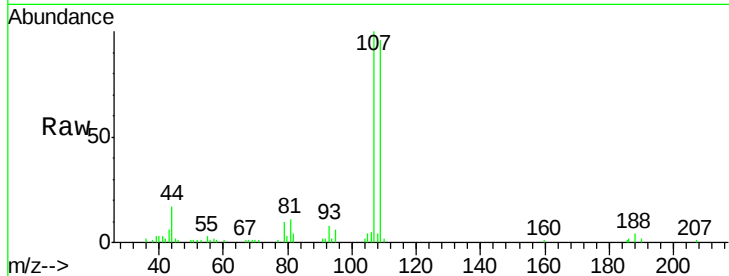




#50
1,2-Dibromoethane
Concen: 4.690 ug/L
RT: 8.36 min Scan# 2260
Delta R.T. -0.00 min
Lab File: VV019506.D
Acq: 10 Dec 2020 11:40

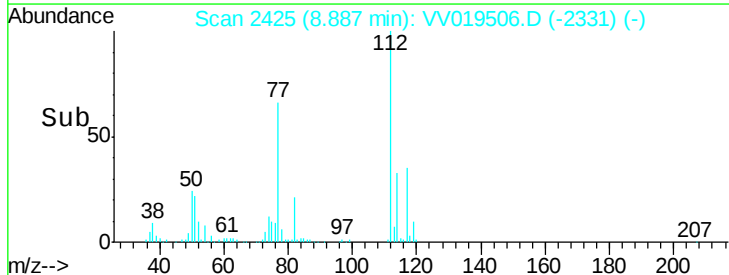
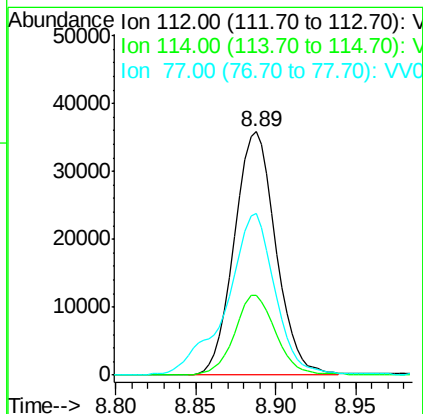
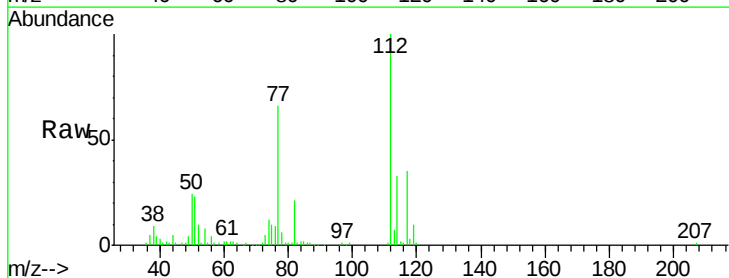
Instrument :
MSVOA_V
ClientSampleId :
VSTD00566

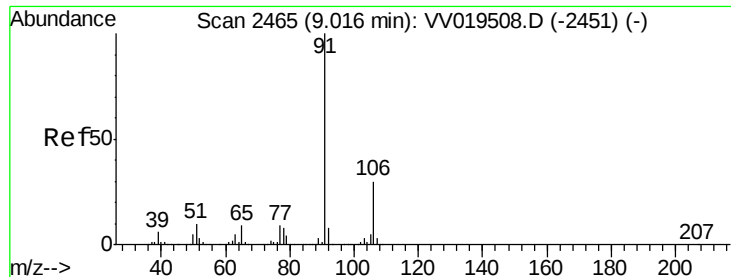
Tgt Ion:107 Resp: 24087
Ion Ratio Lower Upper
107 100
109 95.9 66.4 123.2
188 3.7 2.9 4.3



#51
Chlorobenzene
Concen: 4.943 ug/L
RT: 8.89 min Scan# 2425
Delta R.T. 0.00 min
Lab File: VV019506.D
Acq: 10 Dec 2020 11:40

Tgt Ion:112 Resp: 63621
Ion Ratio Lower Upper
112 100
114 32.6 22.2 41.2
77 66.3 50.6 75.8





#52

Ethylbenzene

Concen: 5.224 ug/L

RT: 9.02 min Scan# 2465

Delta R.T. -0.00 min

Lab File: VV019506.D

Acq: 10 Dec 2020 11:40

Instrument :

MSVOA_V

ClientSampleId :

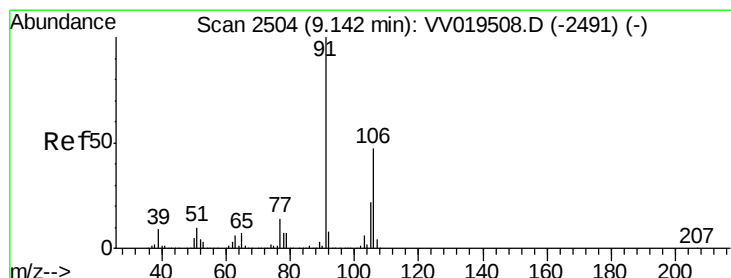
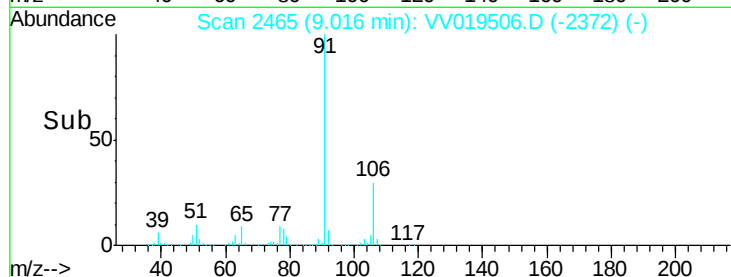
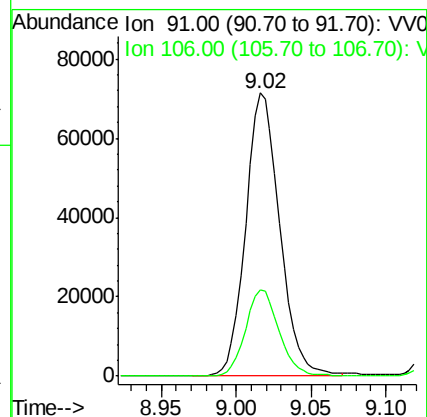
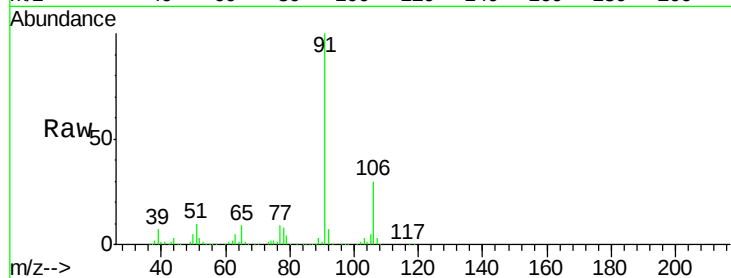
VSTD00566

Tgt Ion: 91 Resp: 113321

Ion Ratio Lower Upper

91 100

106 30.4 21.1 39.3



#53

m,p-Xylene

Concen: 5.400 ug/L

RT: 9.14 min Scan# 2505

Delta R.T. 0.00 min

Lab File: VV019506.D

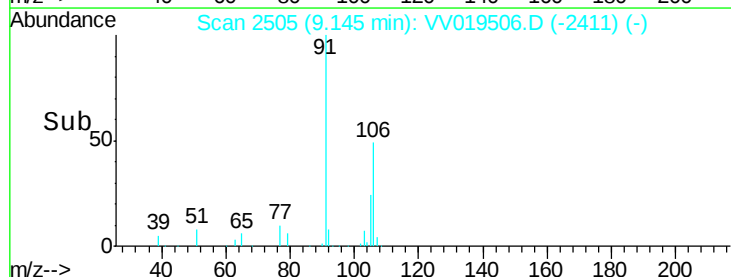
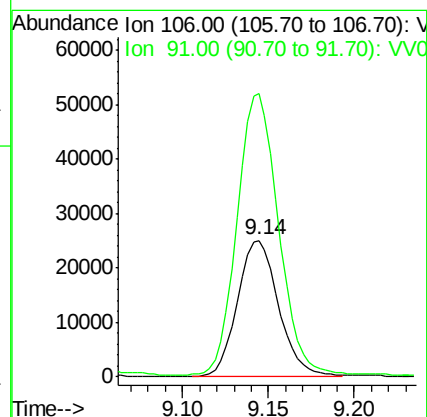
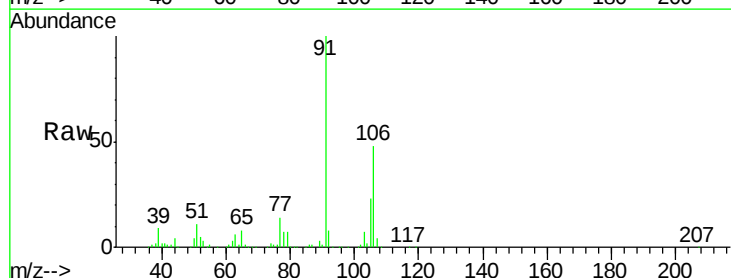
Acq: 10 Dec 2020 11:40

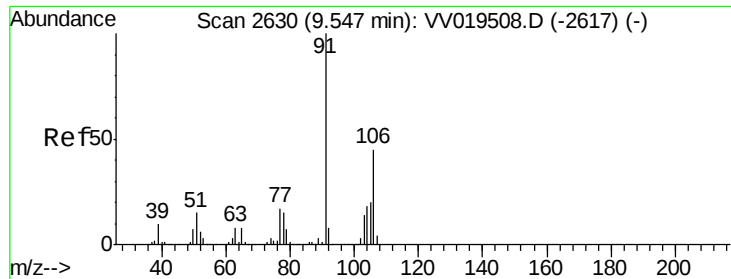
Tgt Ion: 106 Resp: 42075

Ion Ratio Lower Upper

106 100

91 207.0 147.7 274.3

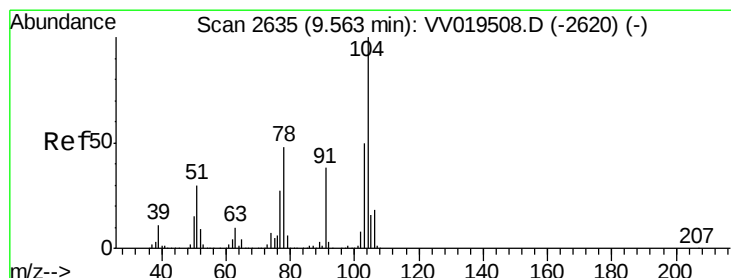
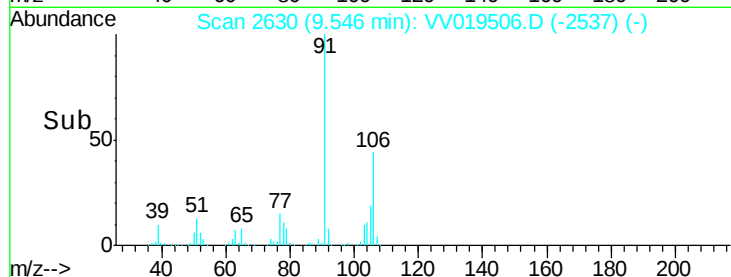
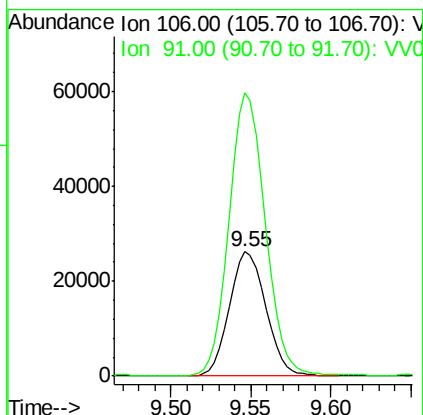
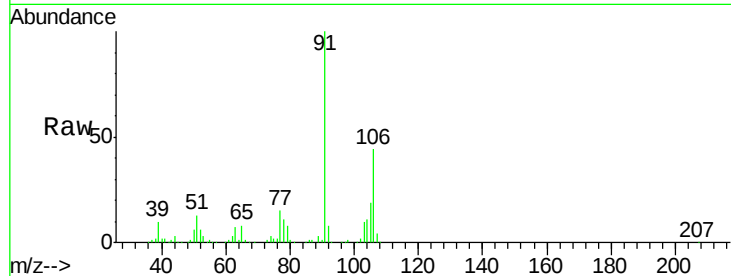




#54
o-xylene
Concen: 5.421 ug/L
RT: 9.55 min Scan# 2630
Delta R.T. -0.00 min
Lab File: VV019506.D
Acq: 10 Dec 2020 11:40

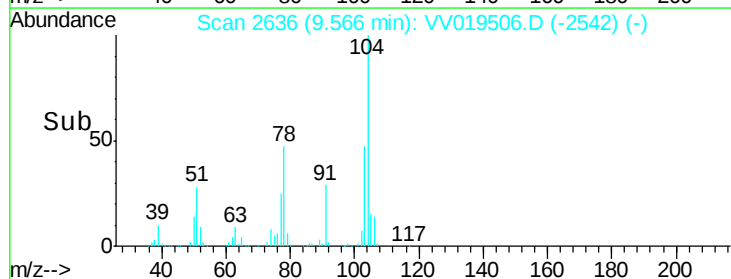
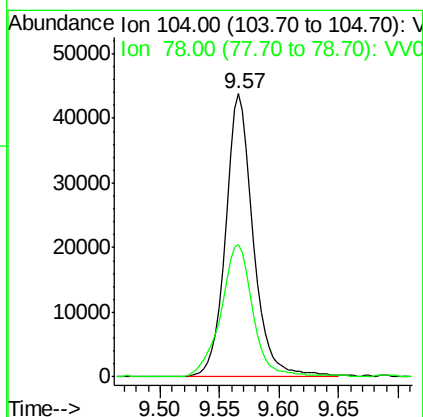
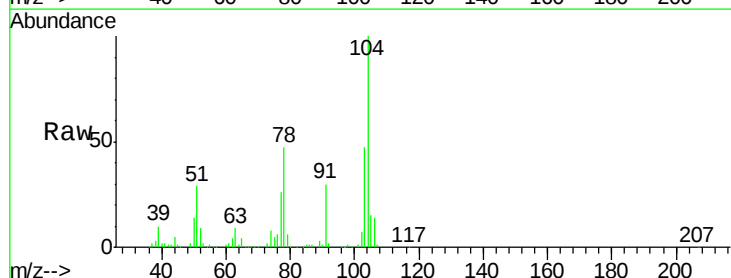
Instrument :
MSVOA_V
ClientSampleId :
VSTD00566

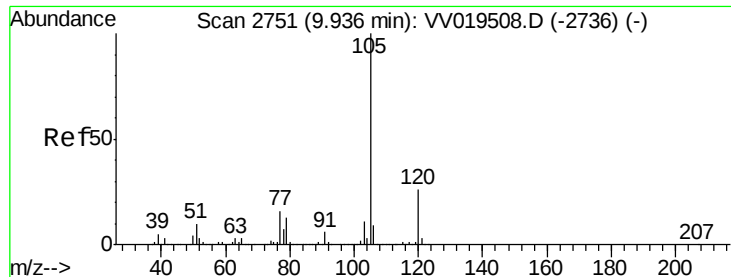
Tgt Ion:106 Resp: 40896
Ion Ratio Lower Upper
106 100
91 227.5 156.7 291.1



#55
Styrene
Concen: 5.285 ug/L
RT: 9.57 min Scan# 2636
Delta R.T. 0.00 min
Lab File: VV019506.D
Acq: 10 Dec 2020 11:40

Tgt Ion:104 Resp: 70596
Ion Ratio Lower Upper
104 100
78 46.7 33.7 62.7





#56

Isopropylbenzene

Concen: 5.399 ug/L

RT: 9.94 min Scan# 2751

Delta R.T. -0.00 min

Lab File: VV019506.D

Acq: 10 Dec 2020 11:40

Instrument :

MSVOA_V

ClientSampleId :

VSTD00566

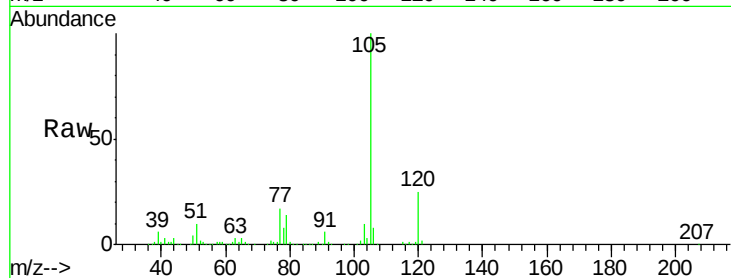
Tgt Ion: 105 Resp: 110272

Ion Ratio Lower Upper

105 100

120 25.5 20.6 31.0

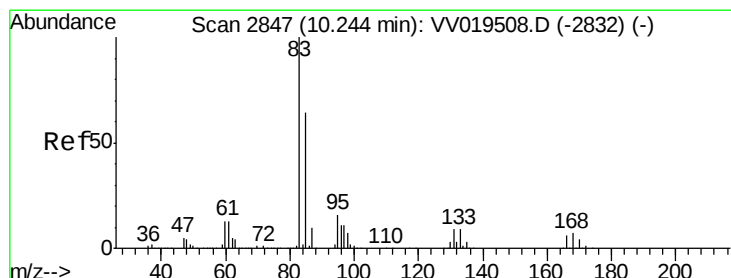
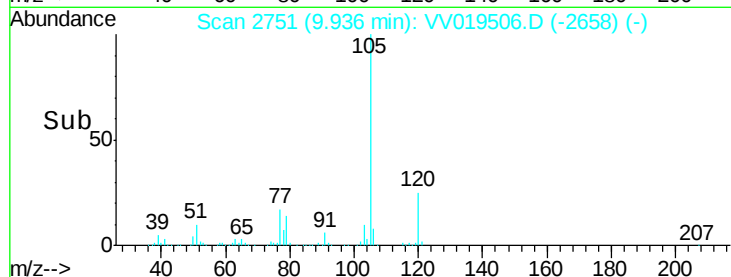
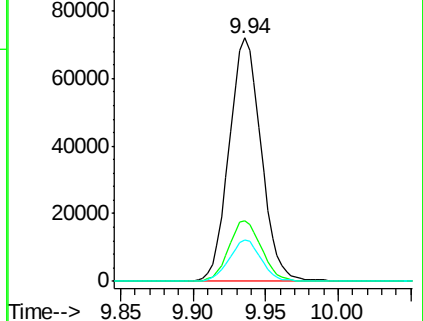
77 17.1 13.2 19.8



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: 4.924 ug/L

RT: 10.25 min Scan# 2848

Delta R.T. 0.00 min

Lab File: VV019506.D

Acq: 10 Dec 2020 11:40

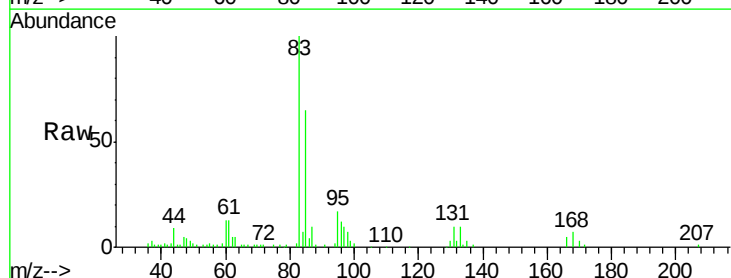
Tgt Ion: 83 Resp: 38440

Ion Ratio Lower Upper

83 100

85 64.8 44.9 83.5

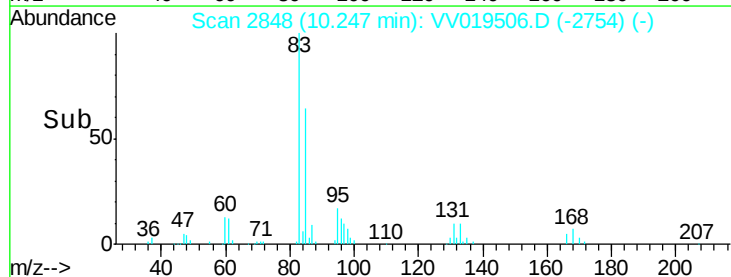
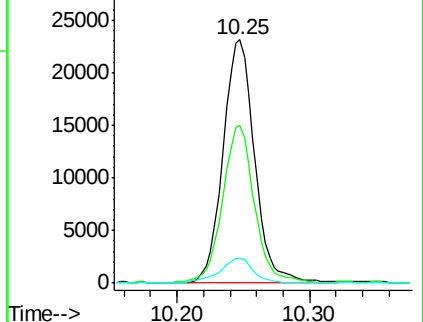
131 10.2 7.6 11.4

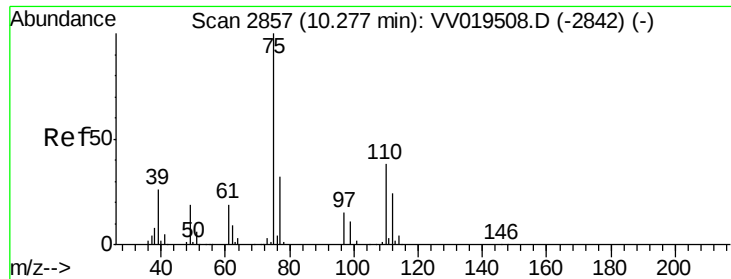


Abundance Ion 83.00 (82.70 to 83.70): V

Ion 85.00 (84.70 to 85.70): V

Ion 131.00 (130.70 to 131.70): V





#59

1,2,3-Trichloropropane

Concen: 4.394 ug/L

RT: 10.28 min Scan# 2858

Delta R.T. 0.00 min

Lab File: VV019506.D

Acq: 10 Dec 2020 11:40

Instrument :

MSVOA_V

ClientSampleId :

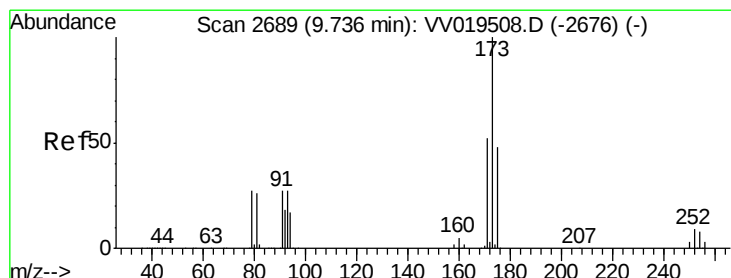
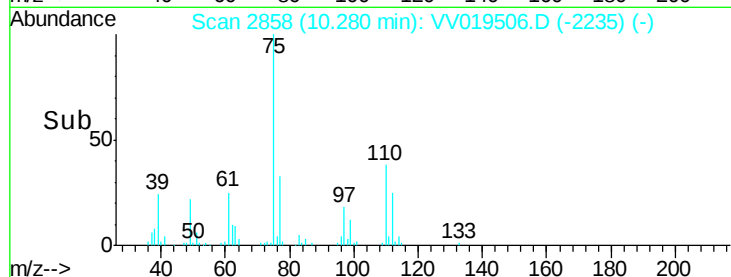
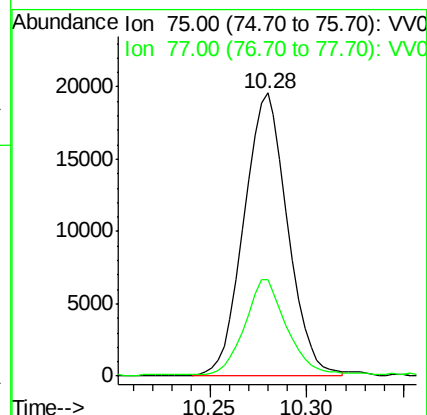
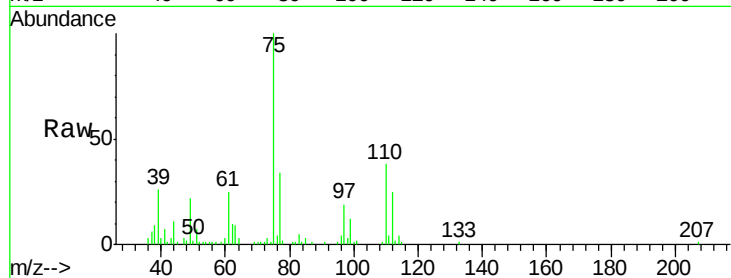
VSTD00566

Tgt Ion: 75 Resp: 30798

Ion Ratio Lower Upper

75 100

77 32.0 25.8 38.8



#61

Bromoform

Concen: 4.366 ug/L

RT: 9.74 min Scan# 2689

Delta R.T. -0.00 min

Lab File: VV019506.D

Acq: 10 Dec 2020 11:40

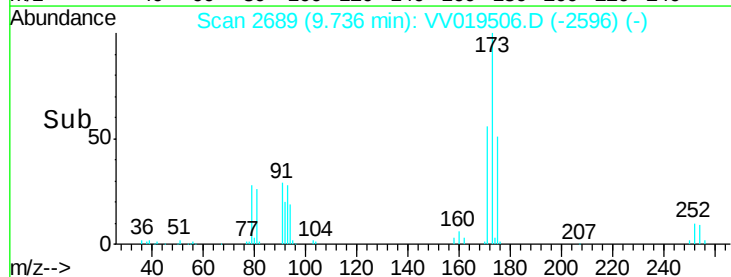
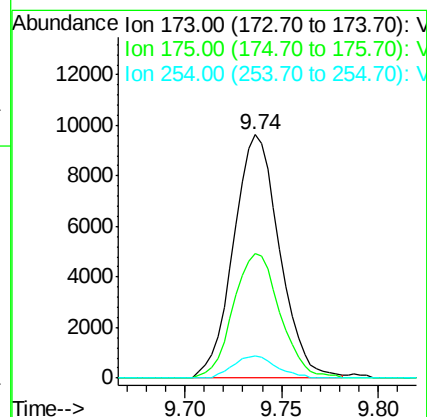
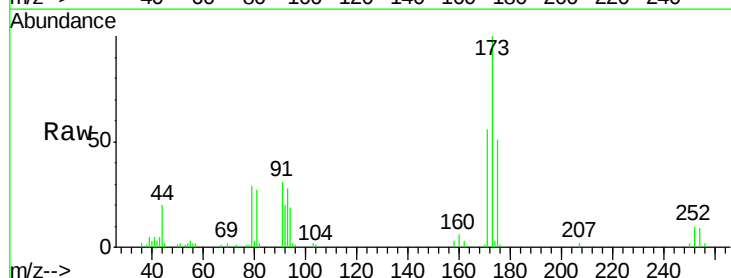
Tgt Ion: 173 Resp: 15961

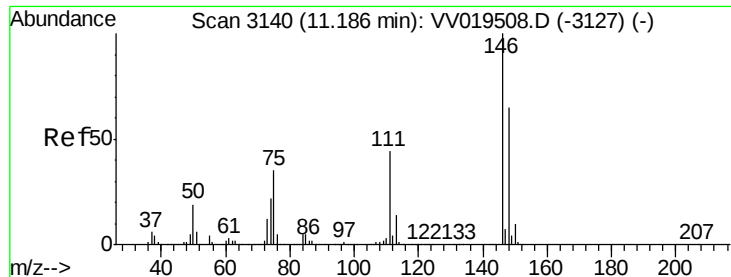
Ion Ratio Lower Upper

173 100

175 51.9 38.4 57.6

254 8.6 6.6 10.0





#62

1,3-Dichlorobenzene

Concen: 5.045 ug/L

RT: 11.19 min Scan# 3140

Delta R.T. -0.00 min

Lab File: VV019506.D

Acq: 10 Dec 2020 11:40

Instrument :

MSVOA_V

ClientSampleId :

VSTD00566

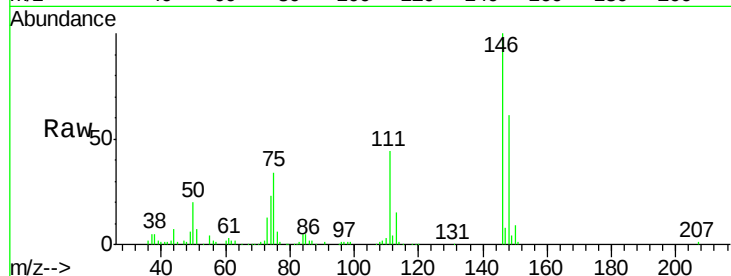
Tgt Ion:146 Resp: 47971

Ion Ratio Lower Upper

146 100

111 43.5 30.7 57.1

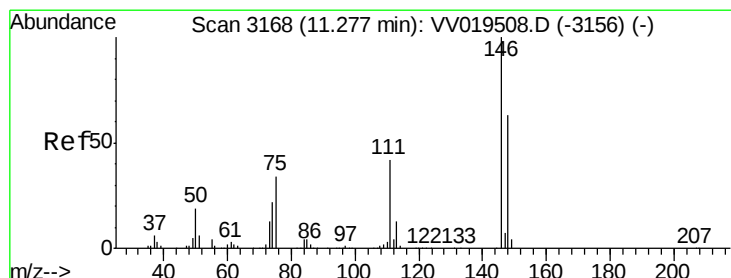
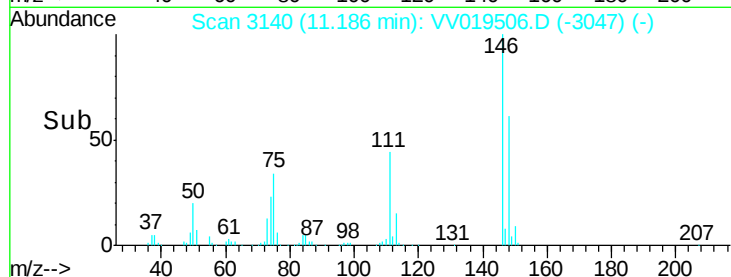
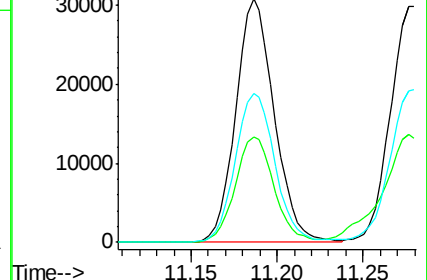
148 61.0 45.3 84.1



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: 4.930 ug/L

RT: 11.28 min Scan# 3169

Delta R.T. 0.00 min

Lab File: VV019506.D

Acq: 10 Dec 2020 11:40

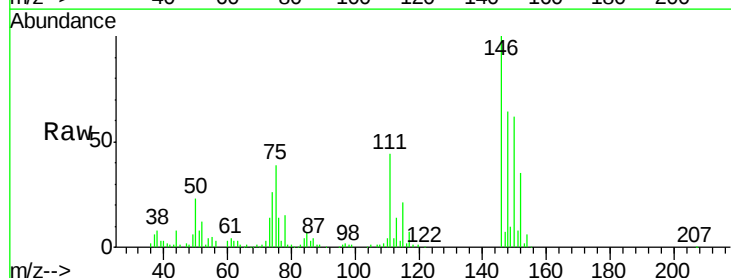
Tgt Ion:146 Resp: 49029

Ion Ratio Lower Upper

146 100

111 43.8 29.8 55.4

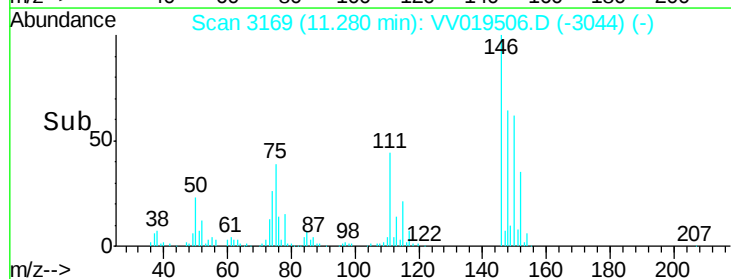
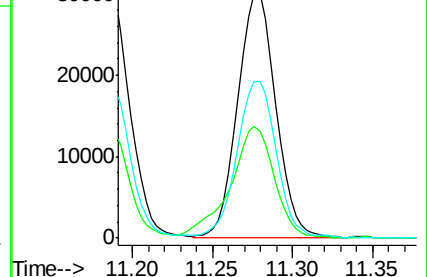
148 64.4 44.2 82.0

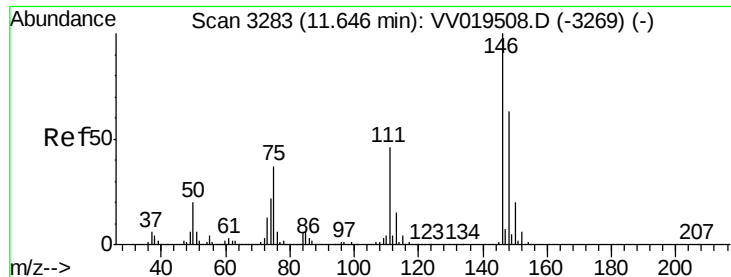


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 4.796 ug/L

RT: 11.65 min Scan# 3284

Delta R.T. 0.00 min

Lab File: VV019506.D

Acq: 10 Dec 2020 11:40

Instrument :

MSVOA_V

ClientSampleId :

VSTD00566

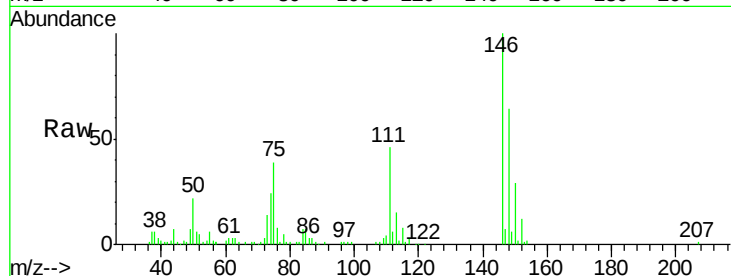
Tgt Ion:146 Resp: 46544

Ion Ratio Lower Upper

146 100

111 45.6 36.6 55.0

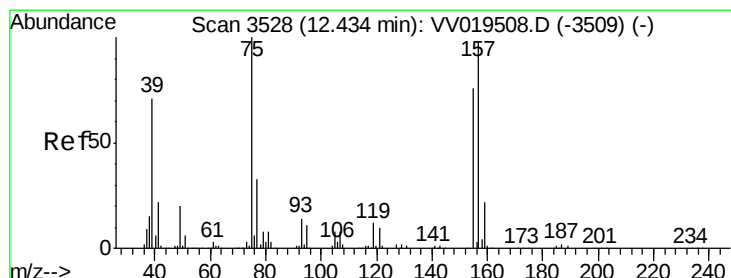
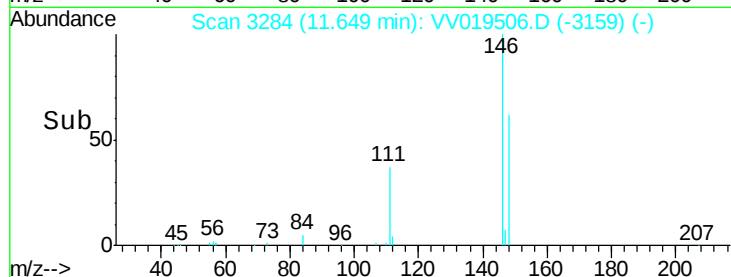
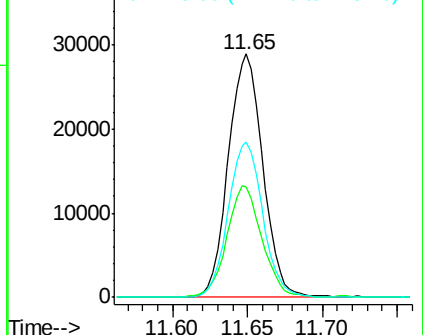
148 63.6 50.7 76.1



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



#66

1,2-Dibromo-3-chloropropane

Concen: 4.703 ug/L

RT: 12.43 min Scan# 3528

Delta R.T. -0.00 min

Lab File: VV019506.D

Acq: 10 Dec 2020 11:40

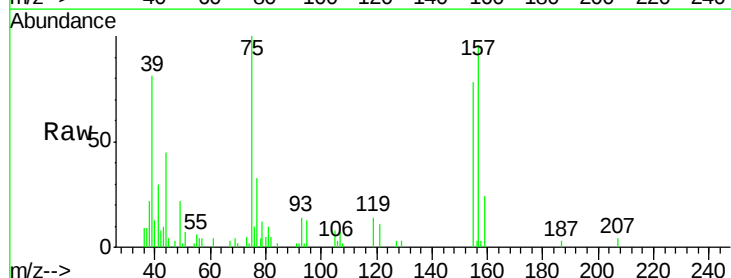
Tgt Ion: 75 Resp: 9160

Ion Ratio Lower Upper

75 100

155 77.5 61.1 91.7

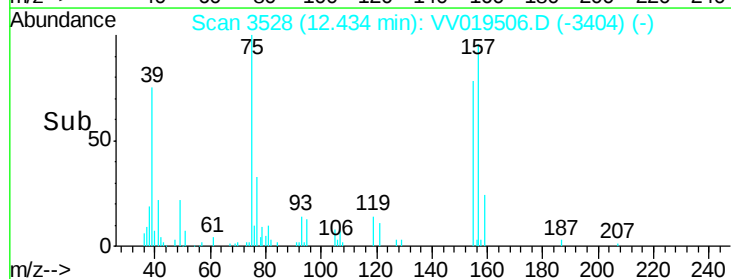
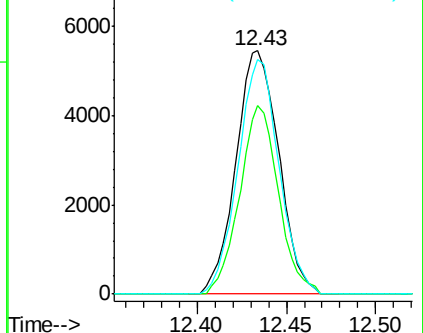
157 96.1 78.7 118.1

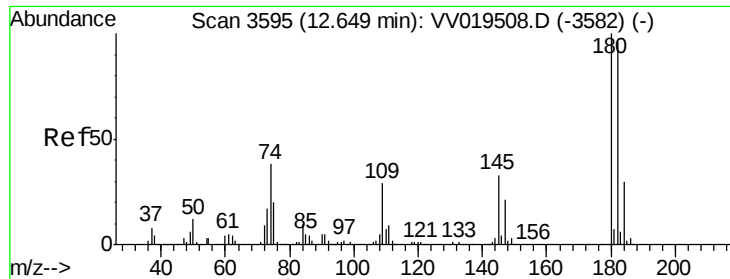


Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

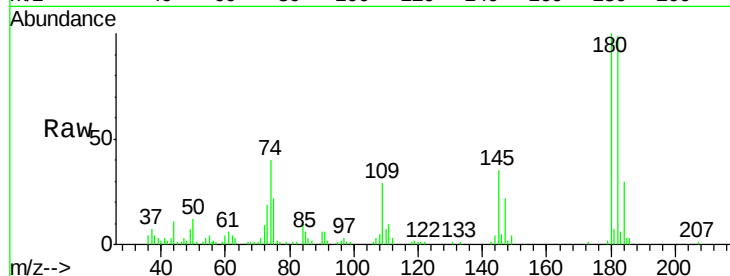




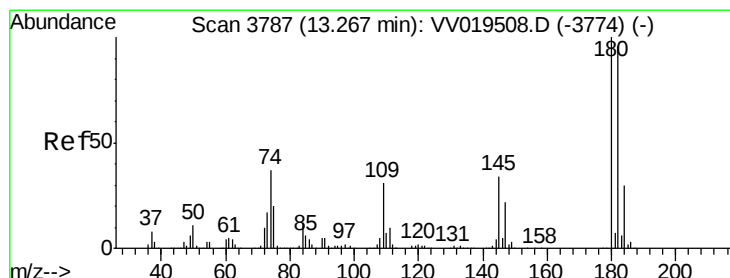
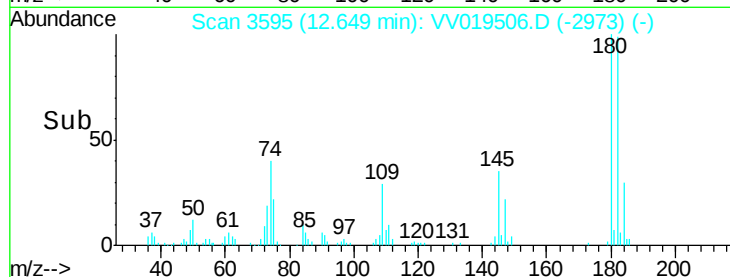
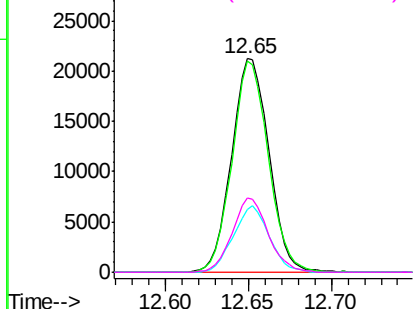
#67
 1,3,5-Trichlorobenzene
 Concen: 4.718 ug/L
 RT: 12.65 min Scan# 3595
 Delta R.T. -0.00 min
 Lab File: VV019506.D
 Acq: 10 Dec 2020 11:40

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00566

Tgt Ion:	180	Resp:	33412
Ion	Ratio	Lower	Upper
180	100		
182	95.5	75.8	113.6
184	29.6	23.9	35.9
145	33.3	26.2	39.2

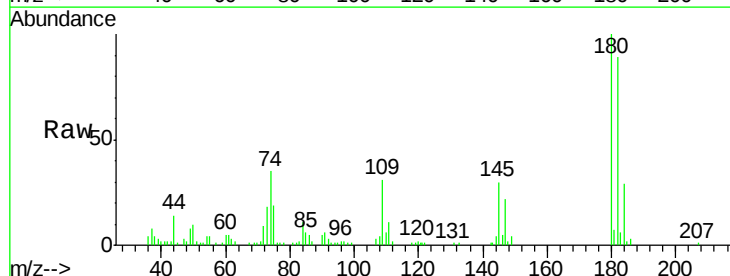


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

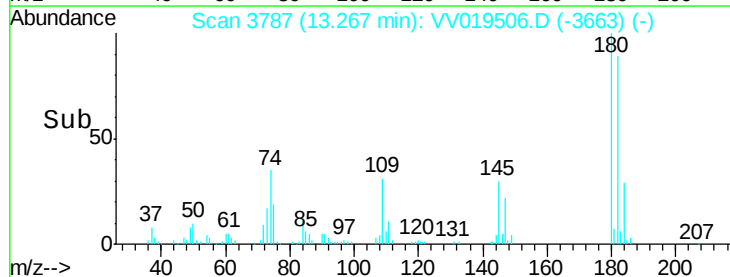
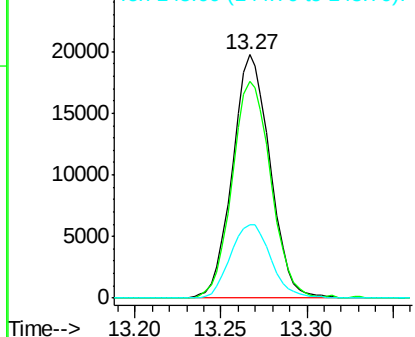


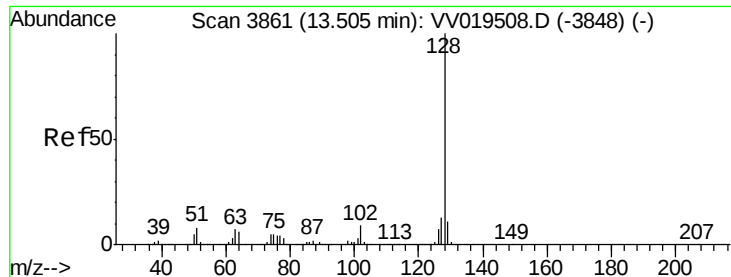
#68
 1,2,4-trichlorobenzene
 Concen: 4.802 ug/L
 RT: 13.27 min Scan# 3787
 Delta R.T. -0.00 min
 Lab File: VV019506.D
 Acq: 10 Dec 2020 11:40

Tgt Ion:	180	Resp:	30119
Ion	Ratio	Lower	Upper
180	100		
182	91.4	76.5	114.7
145	32.5	27.0	40.6



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: 5.459 ug/L

RT: 13.51 min Scan# 3862

Delta R.T. 0.00 min

Lab File: VV019506.D

Acq: 10 Dec 2020 11:40

Instrument :

MSVOA_V

ClientSampleId :

VSTD00566

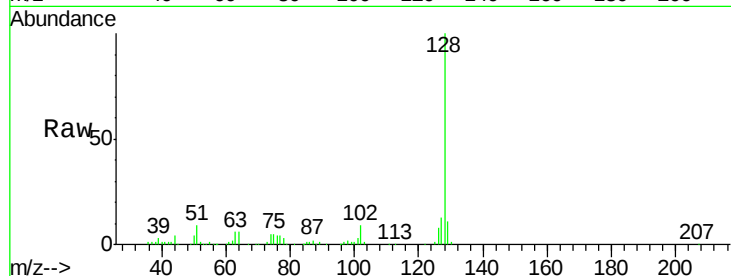
Tgt Ion:128 Resp: 96949

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

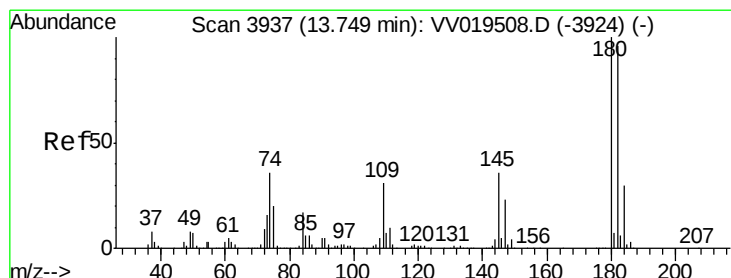
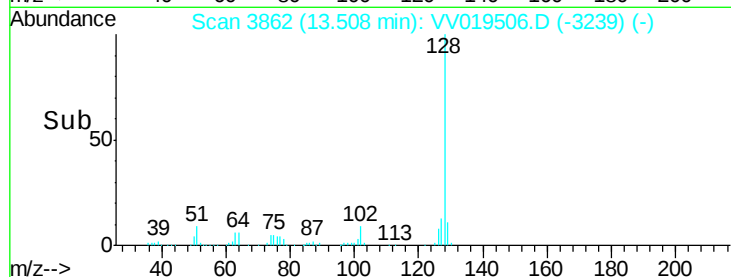
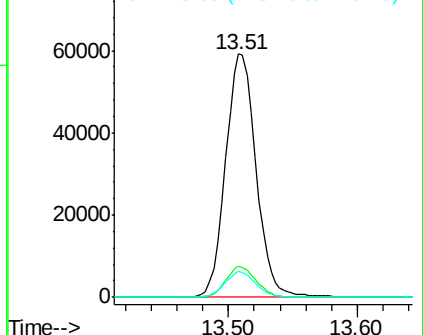
129 10.7 8.6 12.8



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: 4.594 ug/L

RT: 13.75 min Scan# 3937

Delta R.T. -0.00 min

Lab File: VV019506.D

Acq: 10 Dec 2020 11:40

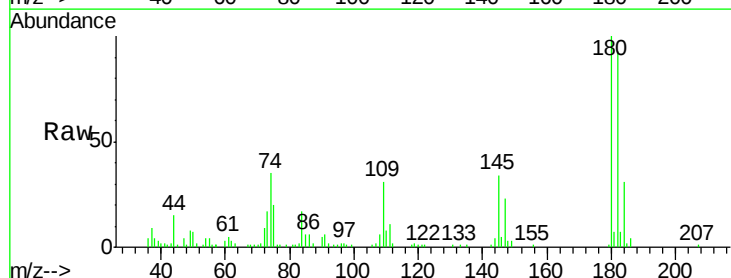
Tgt Ion:180 Resp: 29406

Ion Ratio Lower Upper

180 100

182 93.6 75.8 113.6

145 34.8 29.1 43.7



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

