

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV122820\
 Data File : VV019847.D
 Acq On : 28 Dec 2020 12:44
 Operator : SY/MD
 Sample : VSTD20065
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD20065

Quant Time: Dec 28 13:04:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 28 12:45:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	652852	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	633930	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.26	152	339873	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	1010830	200.10	ug/L	0.00
7) Chloroethane-d5	1.57	69	782071	193.49	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.11	63	1880776	196.21	ug/L	0.00
21) 2-Butanone-d5	3.89	46	1503211	401.80	ug/L	0.00
24) Chloroform-d	4.35	84	1883028	196.60	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.04	65	1252336	200.90	ug/L	0.00
32) Benzene-d6	5.05	84	3652789	200.12	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.07	67	1182061	196.17	ug/L	0.00
41) Toluene-d8	7.32	98	3289414	203.08	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.62	79	638790	217.92	ug/L	0.00
47) 2-Hexanone-d5	8.09	63	1123705	468.47	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.22	84	1628172	210.83	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.63	152	1300240	200.01	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.13	85	1005974	198.130	ug/L 100
3) Chloromethane	1.24	50	1218638	195.452	ug/L 100
5) Vinyl chloride	1.31	62	1196509	196.647	ug/L 100
6) Bromomethane	1.52	94	716176	193.728	ug/L 97
8) Chloroethane	1.59	64	735379	193.870	ug/L 100
9) Trichlorofluoromethane	1.75	101	1421894	192.007	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	815966	196.534	ug/L 99
12) 1,1-Dichloroethene	2.12	96	829166	199.654	ug/L 89
13) Acetone	2.19	43	1040941	350.142	ug/L 100
14) Carbon disulfide	2.30	76	2745590	203.768	ug/L 99
15) Methyl Acetate	2.43	43	1156634	195.490	ug/L 100
16) Methylene chloride	2.51	84	1019515	194.443	ug/L 99
17) trans-1,2-Dichloroethene	2.76	96	943814	204.002	ug/L 97
18) Methyl tert-butyl Ether	2.77	73	3219161	206.621	ug/L 99
19) 1,1-Dichloroethane	3.19	63	1872934	199.770	ug/L 99
20) cis-1,2-Dichloroethene	3.91	96	1041276	206.157	ug/L 99
22) 2-Butanone	3.97	43	1647364	405.986	ug/L 98
23) Bromochloromethane	4.25	128	507497	202.640	ug/L 100
25) Chloroform	4.38	83	1842334	199.056	ug/L 98
27) 1,2-Dichloroethane	5.13	62	1526764	200.338	ug/L 99
29) Cyclohexane	4.68	56	1696881	211.466	ug/L 99
30) 1,1,1-Trichloroethane	4.61	97	1637416	202.187	ug/L 99
31) Carbon tetrachloride	4.83	117	1363467	205.208	ug/L 99
33) Benzene	5.10	78	3994881	200.445	ug/L 100
34) Trichloroethene	5.92	95	1043829	196.680	ug/L 99
35) Methylcyclohexane	6.14	83	1653762	210.704	ug/L 99
37) 1,2-Dichloropropane	6.18	63	1082515	202.722	ug/L 99
38) Bromodichloromethane	6.51	83	1435438	206.358	ug/L 99
39) cis-1,3-Dichloropropene	7.03	75	1760916	217.173	ug/L 99
40) 4-Methyl-2-pentanone	7.23	43	3243325	405.676	ug/L 99

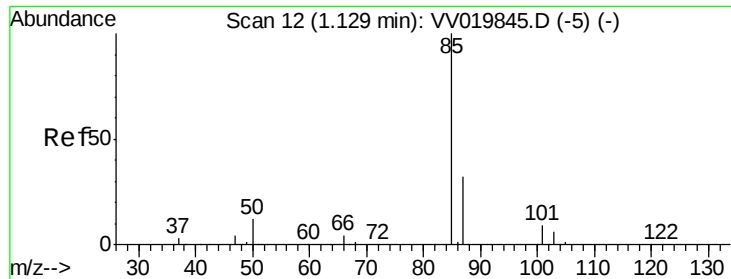
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 Quant Title : VOC Analysis
 QLast Update : Mon Dec 28 12:45:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.39	91	4166688	205.035	ug/L	98
44) trans-1,3-Dichloropropene	7.65	75	1747436	222.006	ug/L	100
45) 1,1,2-Trichloroethane	7.84	97	982202	199.971	ug/L	99
46) Tetrachloroethene	7.98	164	705579	199.674	ug/L	99
48) 2-Hexanone	8.14	43	2526585	409.548	ug/L	98
49) Dibromochloromethane	8.25	129	1078530	215.699	ug/L	99
50) 1,2-Dibromoethane	8.36	107	1050413	204.740	ug/L	99
51) Chlorobenzene	8.88	112	2649754	204.333	ug/L	98
52) Ethylbenzene	9.02	91	4749334	208.377	ug/L	99
53) m,p-Xylene	9.14	106	1767680	214.151	ug/L	97
54) o-xylene	9.55	106	1742355	216.381	ug/L	98
55) Styrene	9.57	104	3072141	220.388	ug/L	100
56) Isopropylbenzene	9.94	105	4621209	213.732	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.25	83	1639110	212.803	ug/L	99
59) 1,2,3-Trichloropropane	10.28	75	1355412	198.900	ug/L	99
61) Bromoform	9.74	173	750273	218.643	ug/L	100
62) 1,3-Dichlorobenzene	11.19	146	2091207	202.651	ug/L	99
63) 1,4-Dichlorobenzene	11.28	146	2129919	200.192	ug/L	100
65) 1,2-Dichlorobenzene	11.65	146	2112211	199.987	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.44	75	430888	218.240	ug/L	99
67) 1,3,5-Trichlorobenzene	12.65	180	1511751	203.152	ug/L	99
68) 1,2,4-trichlorobenzene	13.27	180	1409431	215.299	ug/L	99
69) Naphthalene	13.51	128	4794566	238.073	ug/L	99
70) 1,2,3-Trichlorobenzene	13.75	180	1352908	211.935	ug/L	99

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



#2

Dichlorodifluoromethane

Concen: 198.130 ug/L

RT: 1.13 min Scan# 12

Delta R.T. 0.00 min

Lab File: VV019847.D

Acq: 28 Dec 2020 12:44

Instrument :

MSVOA_V

ClientSampleId :

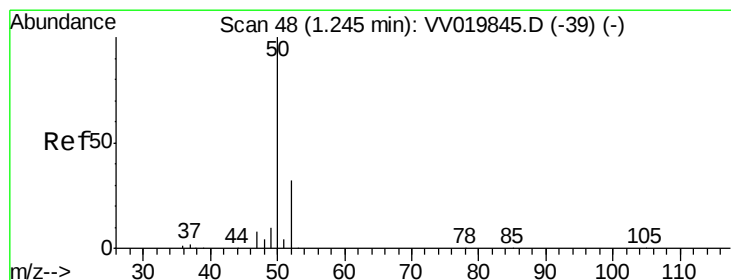
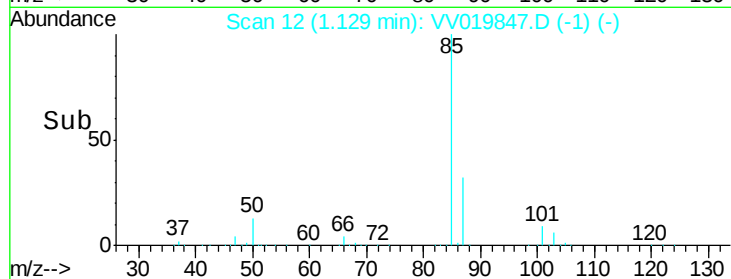
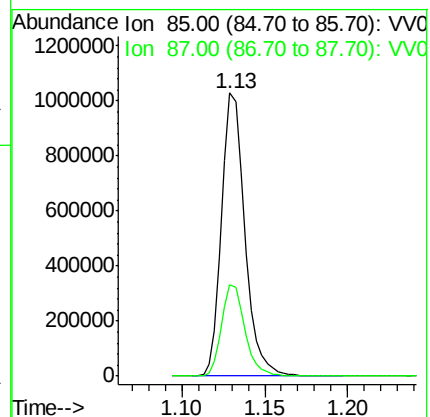
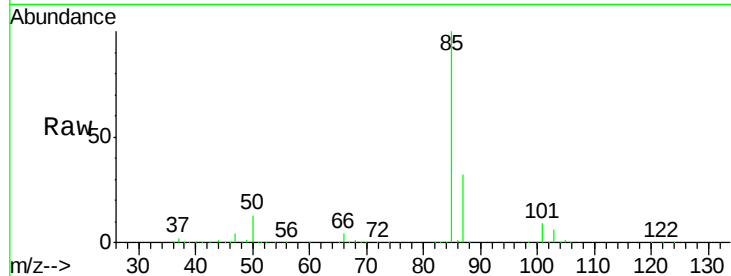
VSTD20065

Tgt Ion: 85 Resp: 1005974

Ion Ratio Lower Upper

85 100

87 32.3 25.9 38.9



#3

Chloromethane

Concen: 195.452 ug/L

RT: 1.24 min Scan# 47

Delta R.T. -0.00 min

Lab File: VV019847.D

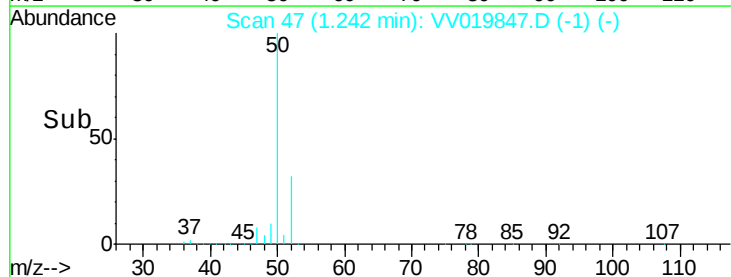
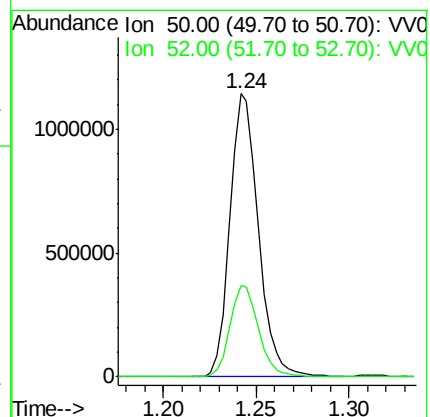
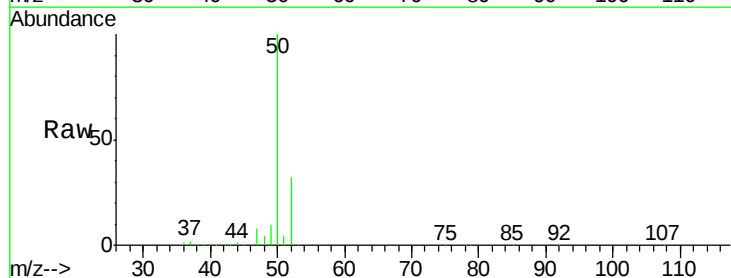
Acq: 28 Dec 2020 12:44

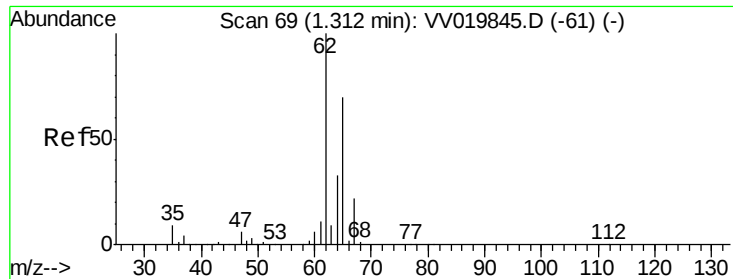
Tgt Ion: 50 Resp: 1218638

Ion Ratio Lower Upper

50 100

52 32.4 22.7 42.1





#5

Vinyl chloride

Concen: 196.647 ug/L

RT: 1.31 min Scan# 69

Delta R.T. 0.00 min

Lab File: VV019847.D

Acq: 28 Dec 2020 12:44

Instrument :

MSVOA_V

ClientSampleId :

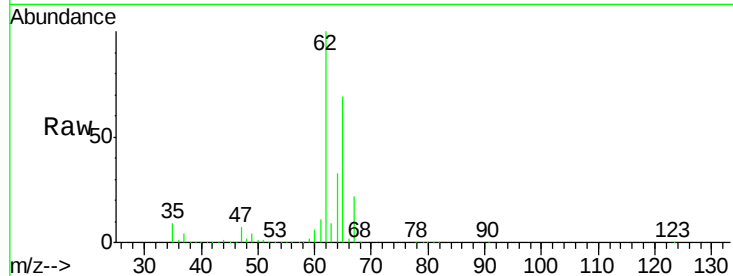
VSTD20065

Tgt Ion: 62 Resp: 1196509

Ion Ratio Lower Upper

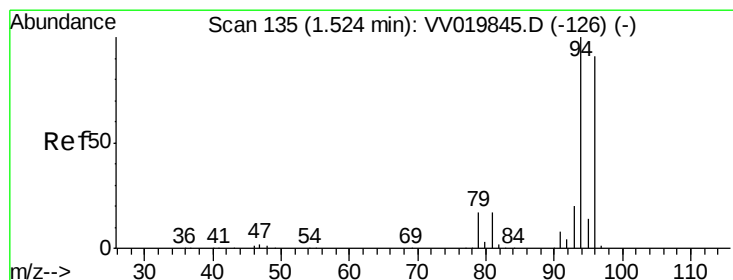
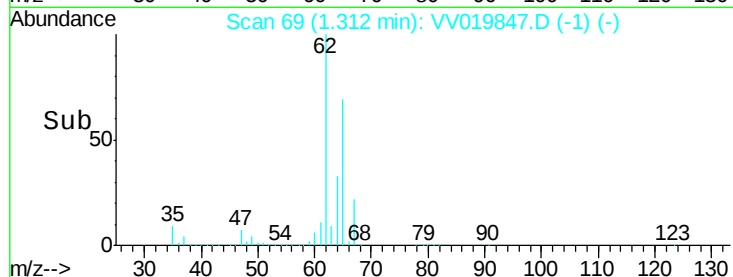
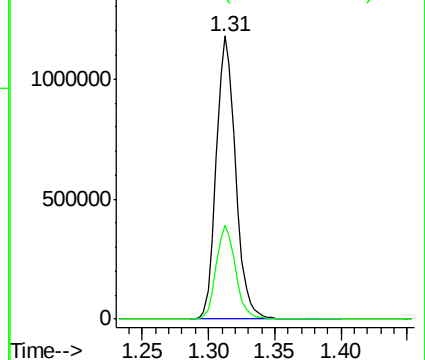
62 100

64 33.0 23.0 42.6



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0



#6

Bromomethane

Concen: 193.728 ug/L

RT: 1.52 min Scan# 135

Delta R.T. 0.00 min

Lab File: VV019847.D

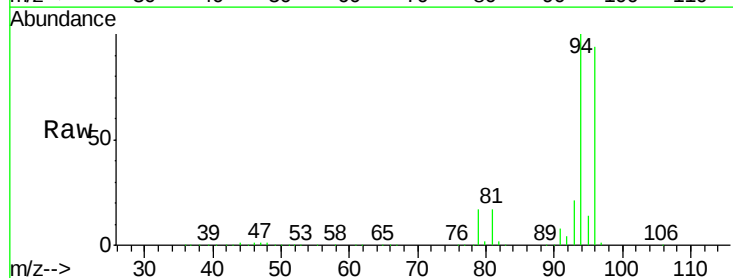
Acq: 28 Dec 2020 12:44

Tgt Ion: 94 Resp: 716176

Ion Ratio Lower Upper

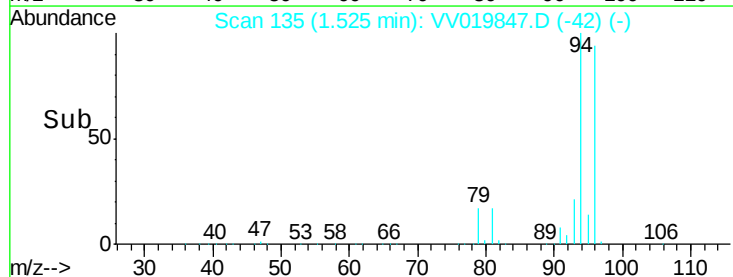
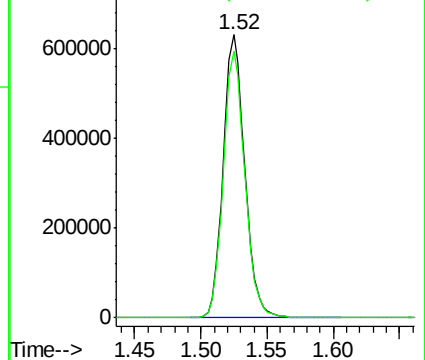
94 100

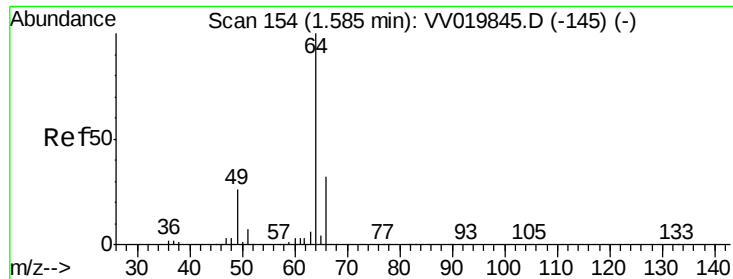
96 94.0 63.6 118.2



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0





#8

Chloroethane

Concen: 193.870 ug/L

RT: 1.59 min Scan# 154

Delta R.T. 0.00 min

Lab File: VV019847.D

Acq: 28 Dec 2020 12:44

Instrument :

MSVOA_V

ClientSampleId :

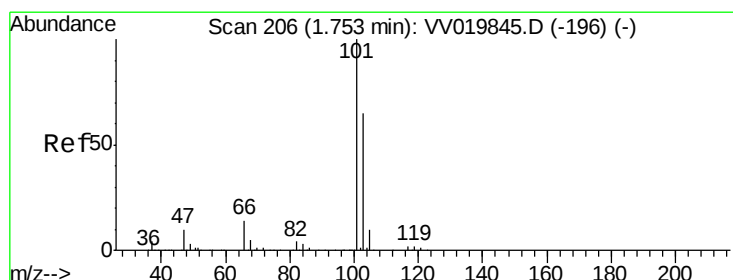
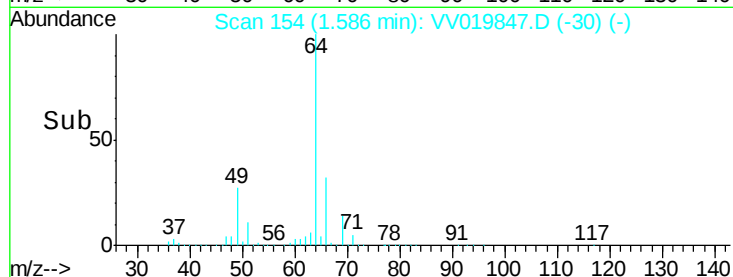
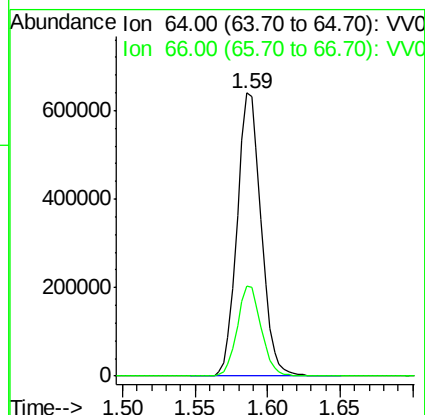
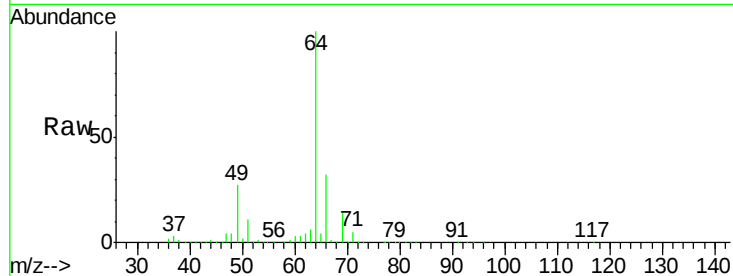
VSTD20065

Tgt Ion: 64 Resp: 735379

Ion Ratio Lower Upper

64 100

66 31.9 22.4 41.6



#9

Trichlorofluoromethane

Concen: 192.007 ug/L

RT: 1.75 min Scan# 206

Delta R.T. 0.00 min

Lab File: VV019847.D

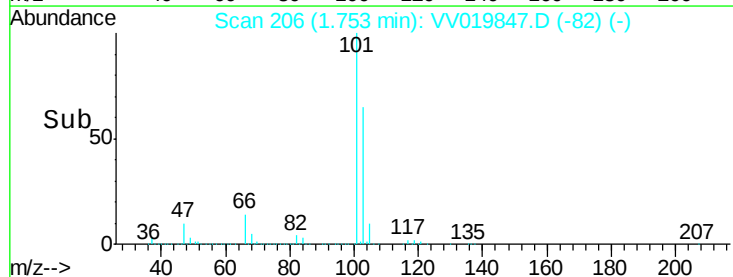
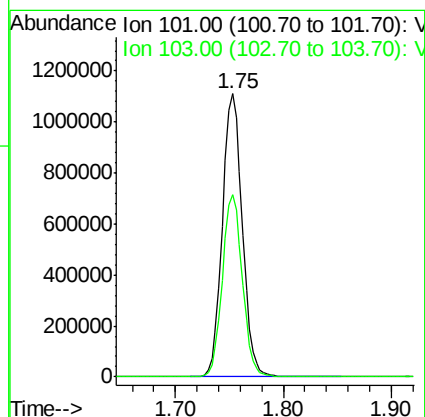
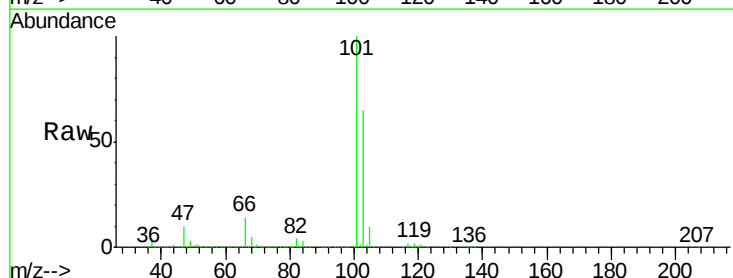
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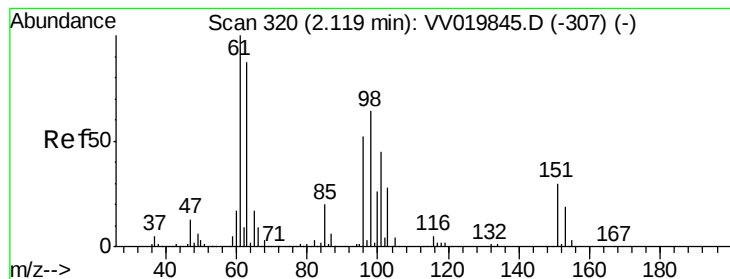
Tgt Ion: 101 Resp: 1421894

Ion Ratio Lower Upper

101 100

103 64.4 51.7 77.5





#10

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

Concen: 196.534 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.00 min

Lab File: VV019847.D

Acq: 28 Dec 2020 12:44

Instrument :

MSVOA_V

ClientSampleId :

VSTD20065

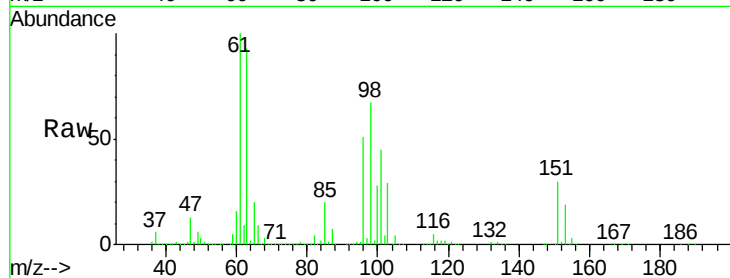
Tgt Ion:101 Resp: 815966

Ion Ratio Lower Upper

101 100

85 45.2 35.3 52.9

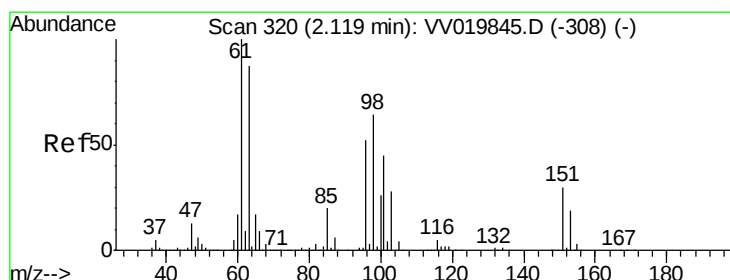
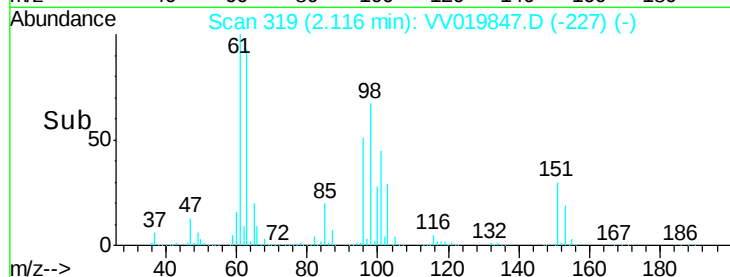
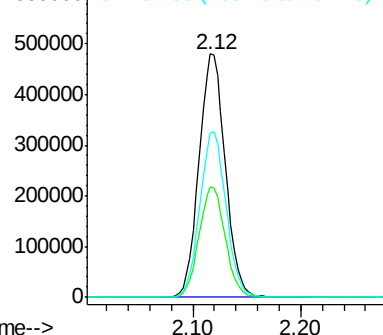
151 67.8 53.6 80.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 199.654 ug/L

RT: 2.12 min Scan# 320

Delta R.T. 0.00 min

Lab File: VV019847.D

Acq: 28 Dec 2020 12:44

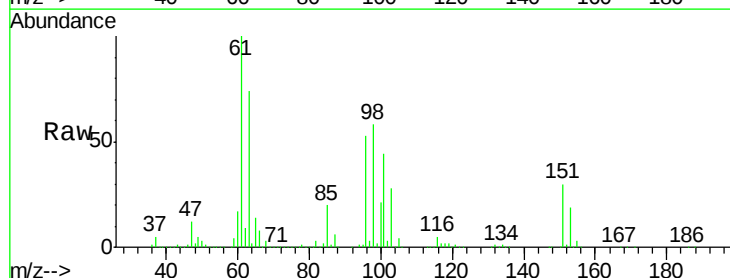
Tgt Ion: 96 Resp: 829166

Ion Ratio Lower Upper

96 100

61 188.2 134.9 250.5

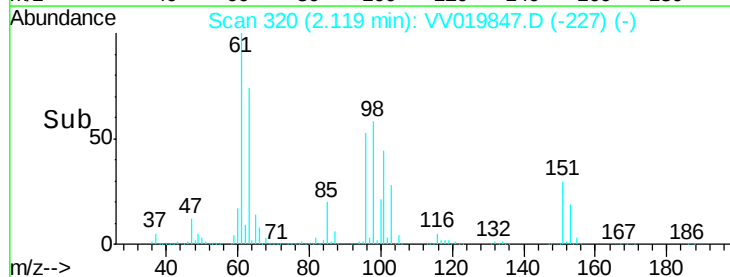
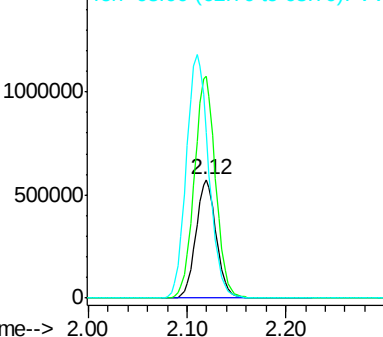
63 139.7 117.6 218.4

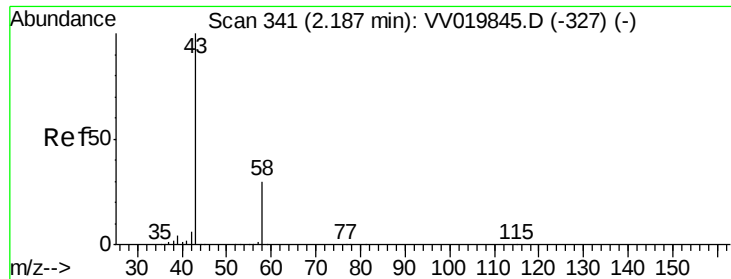


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 350.142 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

Lab File: VV019847.D

Acq: 28 Dec 2020 12:44

Instrument :

MSVOA_V

ClientSampleId :

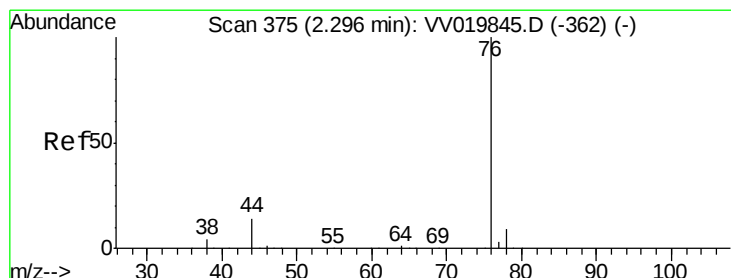
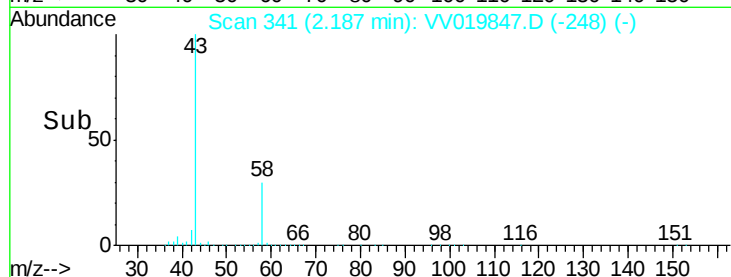
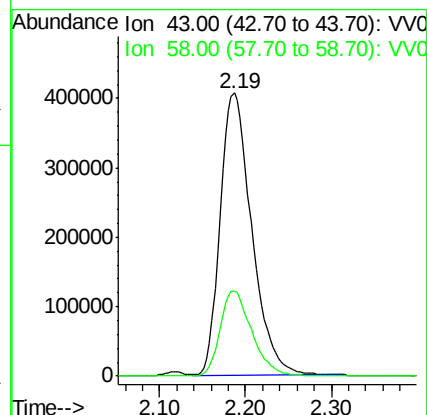
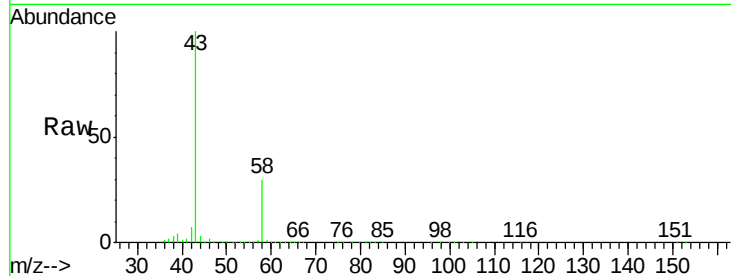
VSTD20065

Tgt Ion: 43 Resp: 1040941

Ion Ratio Lower Upper

43 100

58 30.1 0.0 60.2



#14

Carbon disulfide

Concen: 203.768 ug/L

RT: 2.30 min Scan# 375

Delta R.T. 0.00 min

Lab File: VV019847.D

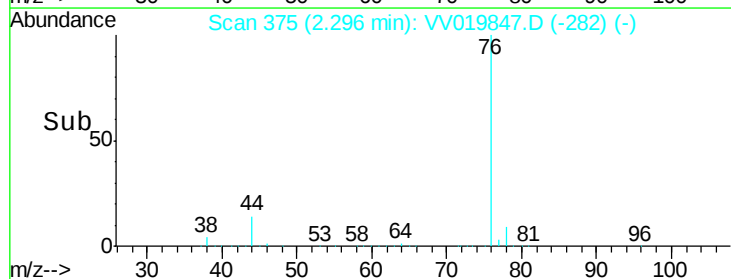
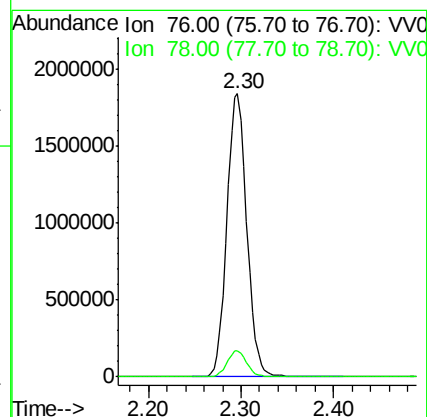
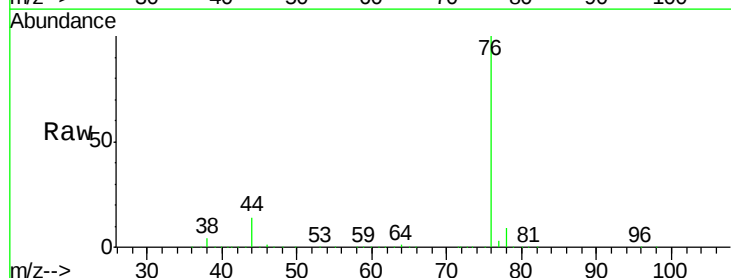
Acq: 28 Dec 2020 12:44

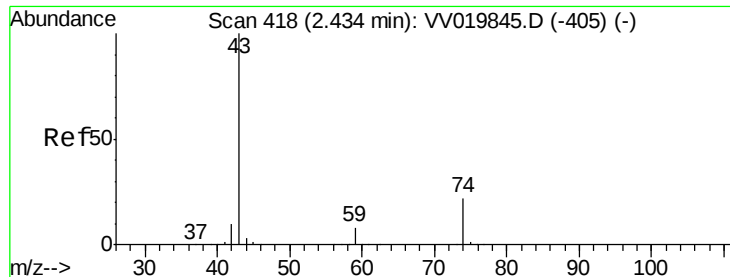
Tgt Ion: 76 Resp: 2745590

Ion Ratio Lower Upper

76 100

78 9.3 7.2 10.8

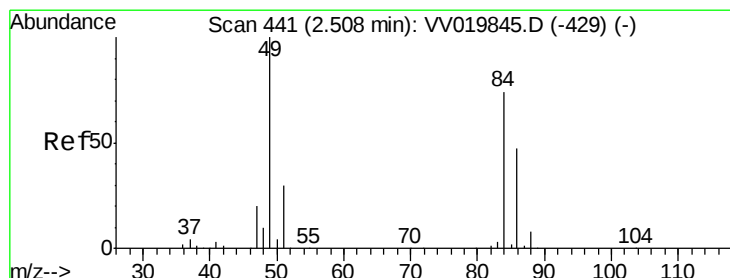
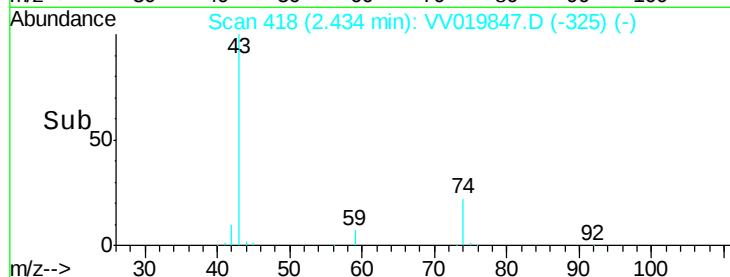
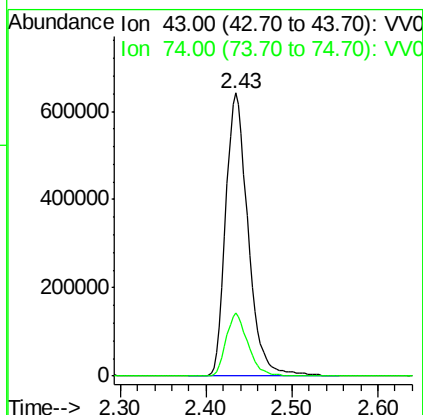
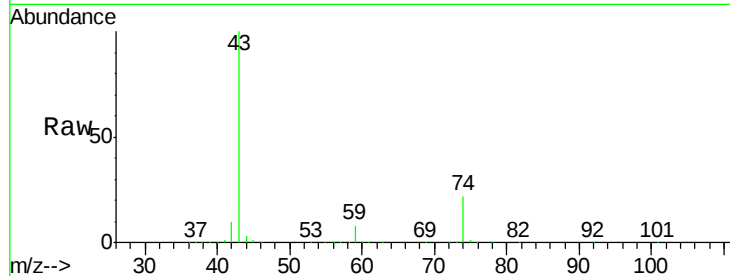




#15
Methyl Acetate
Concen: 195.490 ug/L
RT: 2.43 min Scan# 418
Delta R.T. 0.00 min
Lab File: VV019847.D
Acq: 28 Dec 2020 12:44

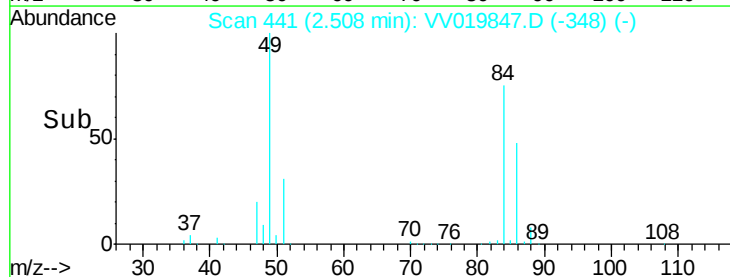
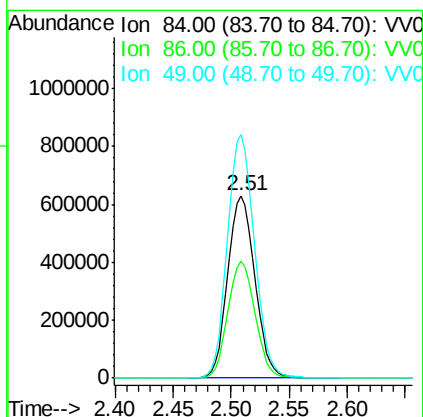
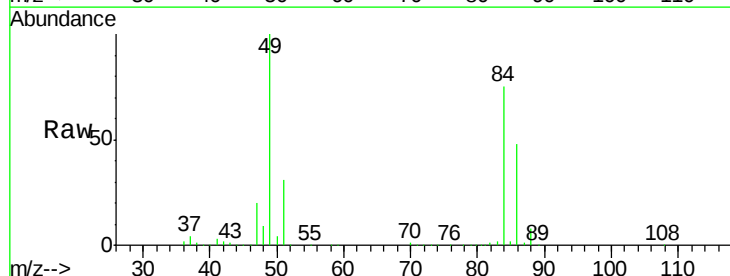
Instrument :
MSVOA_V
ClientSampleId :
VSTD20065

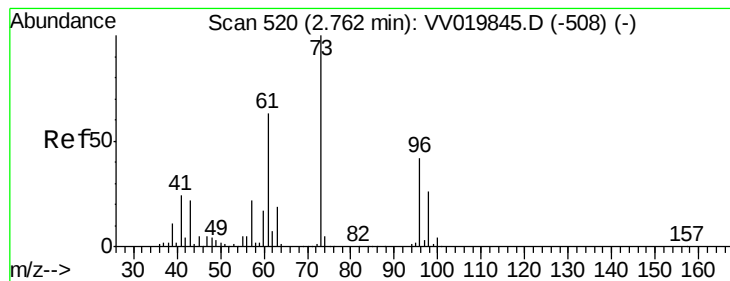
Tgt Ion: 43 Resp: 1156634
Ion Ratio Lower Upper
43 100
74 22.1 17.6 26.4



#16
Methylene chloride
Concen: 194.443 ug/L
RT: 2.51 min Scan# 441
Delta R.T. 0.00 min
Lab File: VV019847.D
Acq: 28 Dec 2020 12:44

Tgt Ion: 84 Resp: 1019515
Ion Ratio Lower Upper
84 100
86 63.9 44.6 82.8
49 133.5 94.6 175.8





#17

trans-1,2-Dichloroethene

Concen: 204.002 ug/L

RT: 2.76 min Scan# 520

Delta R.T. 0.00 min

Lab File: VV019847.D

Acq: 28 Dec 2020 12:44

Instrument :

MSVOA_V

ClientSampleId :

VSTD20065

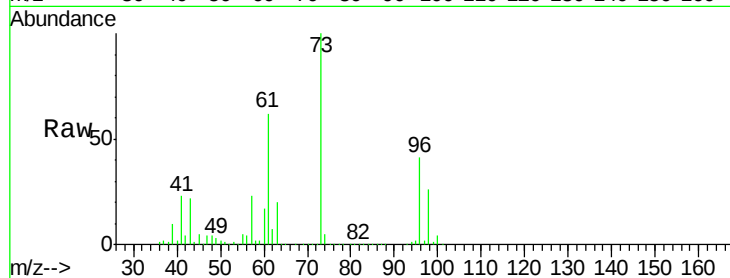
Tgt Ion: 96 Resp: 943814

Ion Ratio Lower Upper

96 100

61 150.9 103.1 191.5

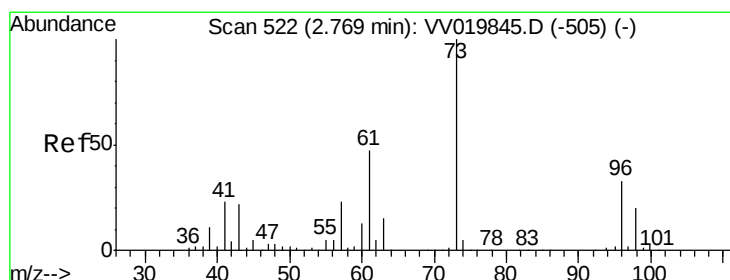
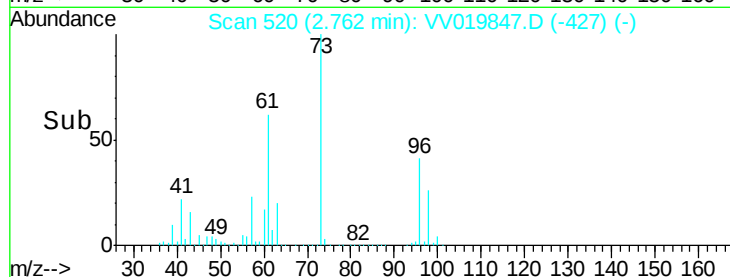
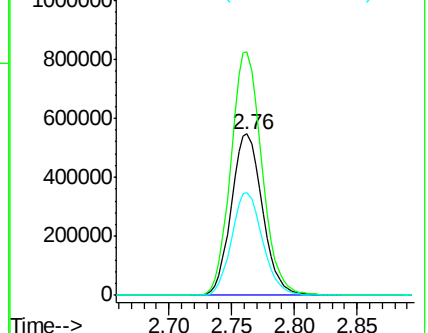
98 64.0 43.1 80.1



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: 206.621 ug/L

RT: 2.77 min Scan# 522

Delta R.T. 0.00 min

Lab File: VV019847.D

Acq: 28 Dec 2020 12:44

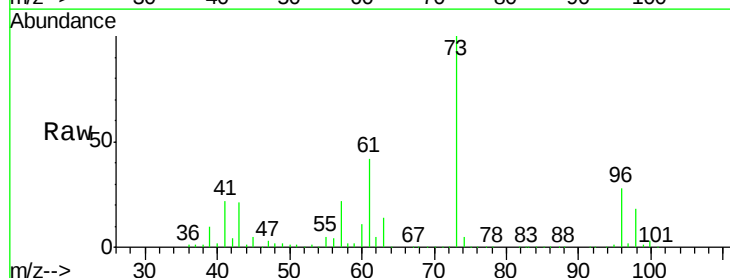
Tgt Ion: 73 Resp: 3219161

Ion Ratio Lower Upper

73 100

43 21.1 17.3 25.9

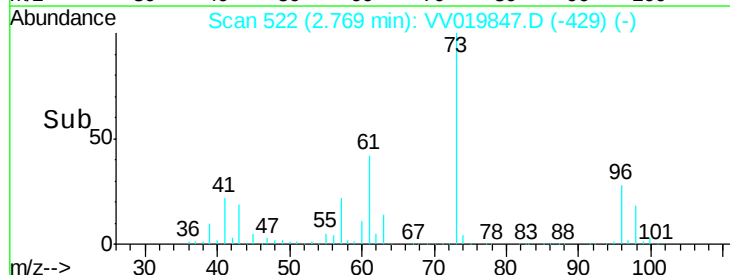
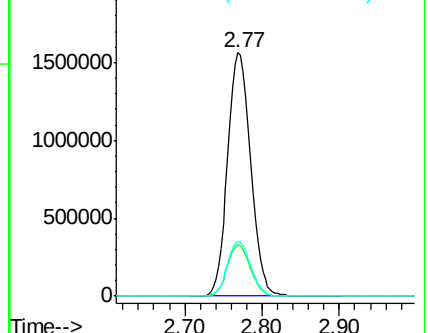
57 22.8 17.9 26.9

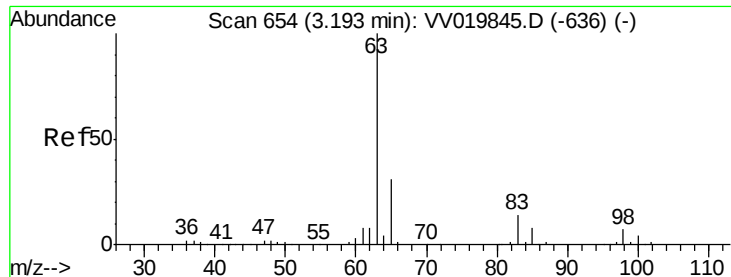


Abundance Ion 73.00 (72.70 to 73.70): VV0

Ion 43.00 (42.70 to 43.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

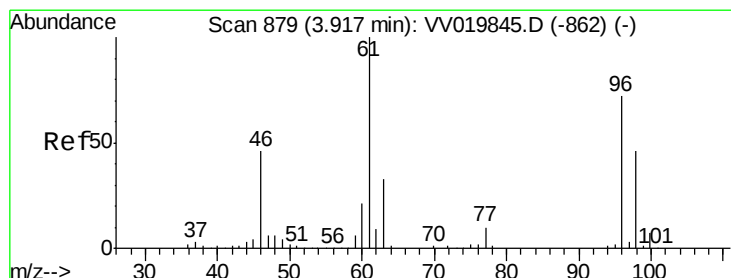
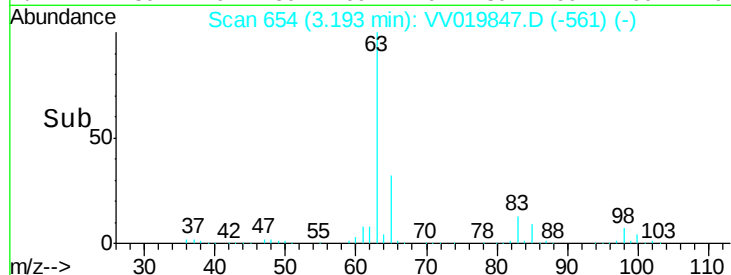
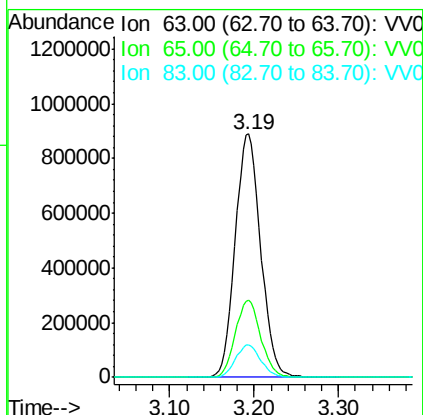
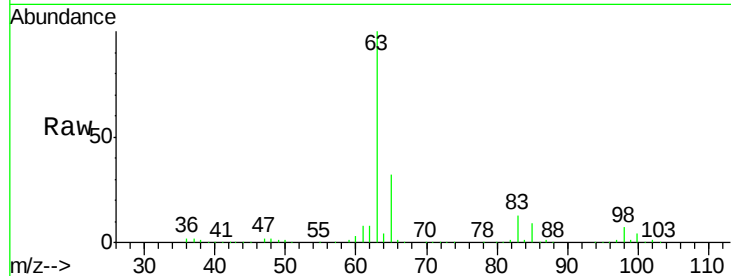




#19
 1,1-Dichloroethane
 Concen: 199.770 ug/L
 RT: 3.19 min Scan# 654
 Delta R.T. 0.00 min
 Lab File: VV019847.D
 Acq: 28 Dec 2020 12:44

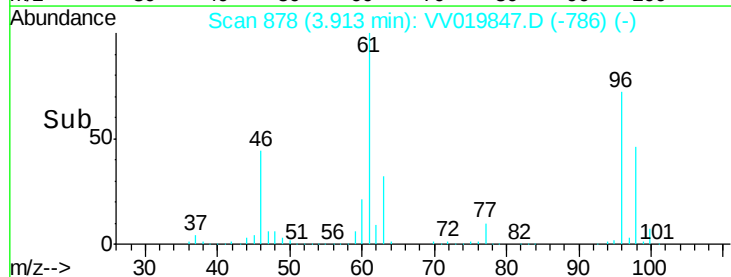
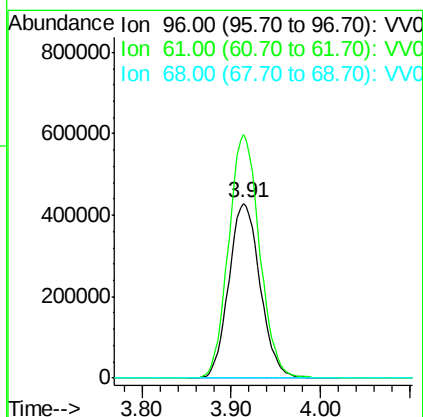
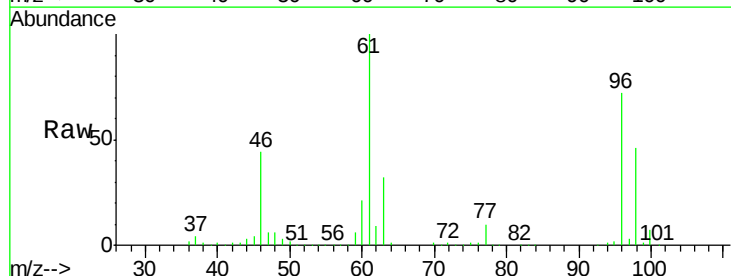
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD20065

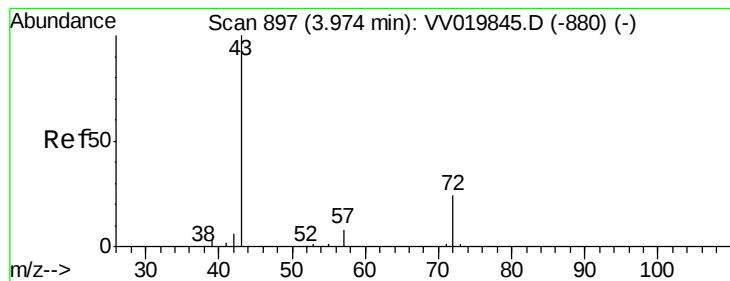
Tgt Ion: 63 Resp: 1872934
 Ion Ratio Lower Upper
 63 100
 65 31.7 21.9 40.7
 83 13.4 9.5 17.7



#20
 cis-1,2-Dichloroethene
 Concen: 206.157 ug/L
 RT: 3.91 min Scan# 878
 Delta R.T. -0.00 min
 Lab File: VV019847.D
 Acq: 28 Dec 2020 12:44

Tgt Ion: 96 Resp: 1041276
 Ion Ratio Lower Upper
 96 100
 61 139.5 96.9 179.9
 68 0.0 0.0 0.0





#22

2-Butanone

Concen: 405.986 ug/L

RT: 3.97 min Scan# 896

Delta R.T. -0.00 min

Lab File: VV019847.D

Acq: 28 Dec 2020 12:44

Instrument :

MSVOA_V

ClientSampleId :

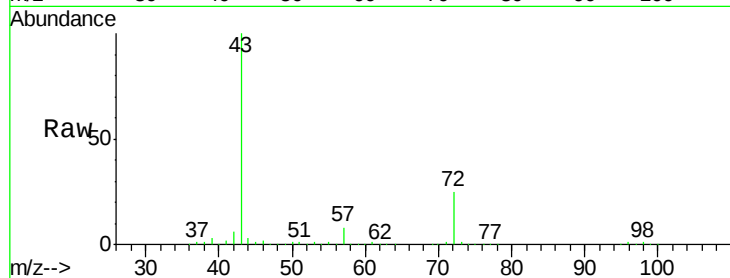
VSTD20065

Tgt Ion: 43 Resp: 1647364

Ion Ratio Lower Upper

43 100

72 25.6 12.2 36.6



Abundance Ion 43.00 (42.70 to 43.70): VV019845.D (-880) (-)

Ion 72.00 (71.70 to 72.70): VV019845.D (-880) (-)

3.97

600000

500000

400000

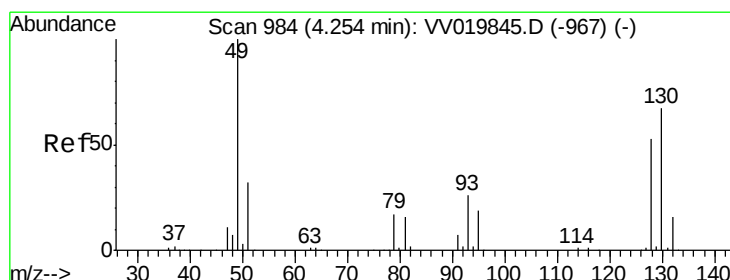
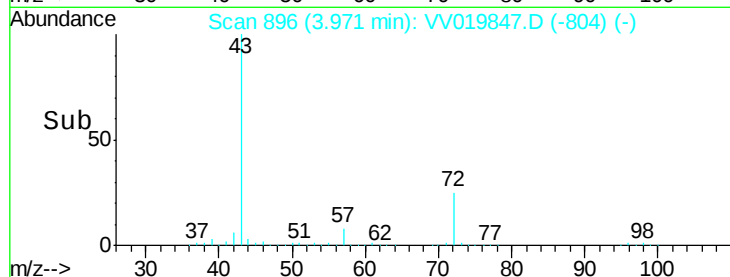
300000

200000

100000

0

Time--> 3.80 3.90 4.00 4.10 4.20



#23

Bromochloromethane

Concen: 202.640 ug/L

RT: 4.25 min Scan# 983

Delta R.T. -0.00 min

Lab File: VV019847.D

Acq: 28 Dec 2020 12:44

Tgt Ion: 128 Resp: 507497

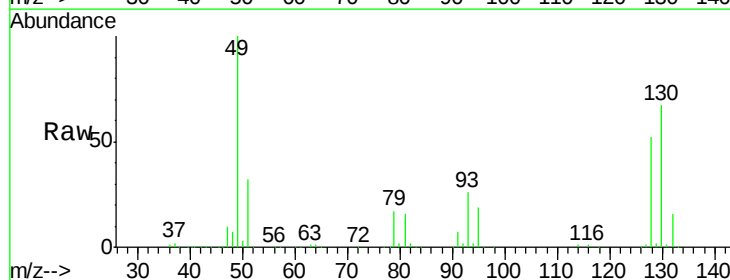
Ion Ratio Lower Upper

128 100

49 190.5 133.1 247.1

130 127.8 89.0 165.4

51 61.2 49.3 73.9



Abundance Ion 128.00 (127.70 to 128.70): VV019845.D (-967) (-)

Ion 49.00 (48.70 to 49.70): VV019845.D (-967) (-)

Ion 130.00 (129.70 to 130.70): VV019845.D (-967) (-)

Ion 51.00 (50.70 to 51.70): VV019845.D (-967) (-)

4.25

600000

500000

400000

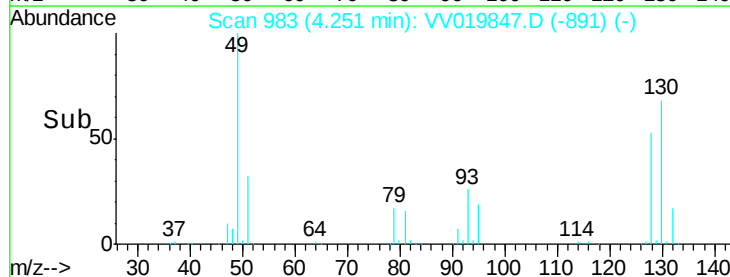
300000

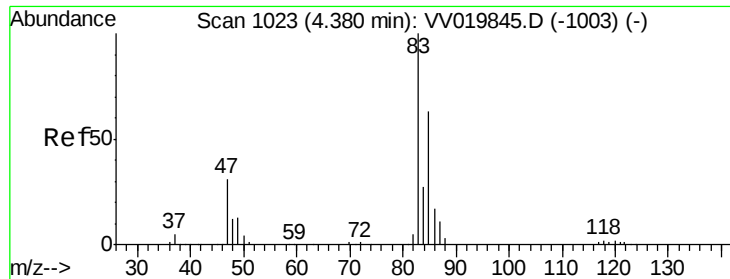
200000

100000

0

Time--> 4.20 4.30 4.40

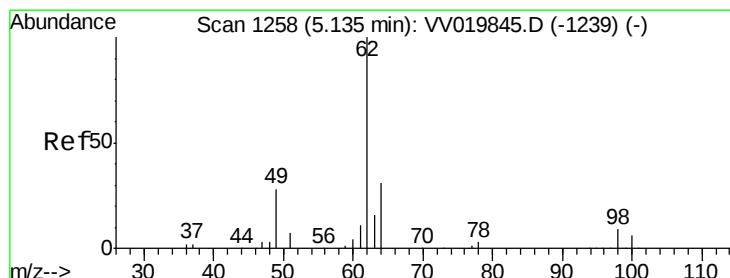
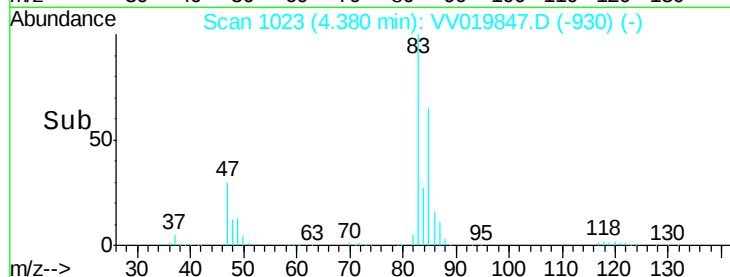
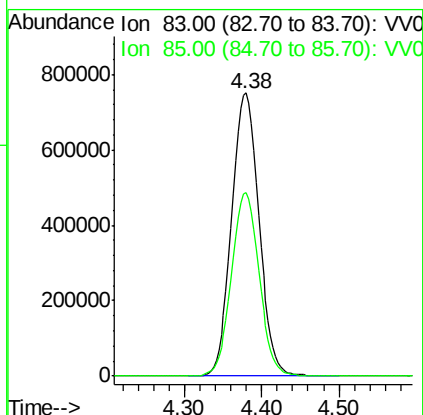
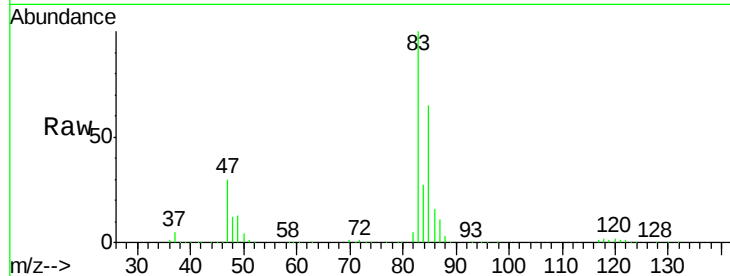




#25
Chloroform
Concen: 199.056 ug/L
RT: 4.38 min Scan# 1023
Delta R.T. 0.00 min
Lab File: VV019847.D
Acq: 28 Dec 2020 12:44

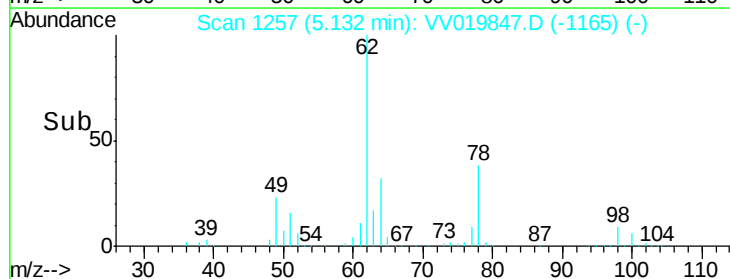
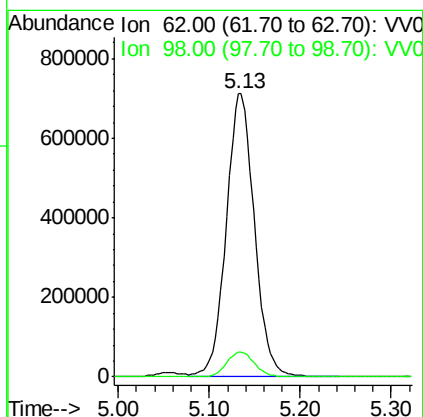
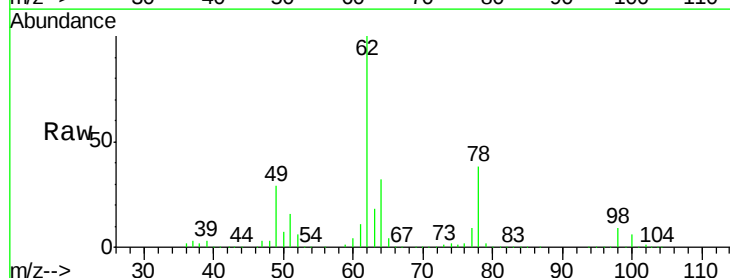
Instrument :
MSVOA_V
ClientSampleId :
VSTD20065

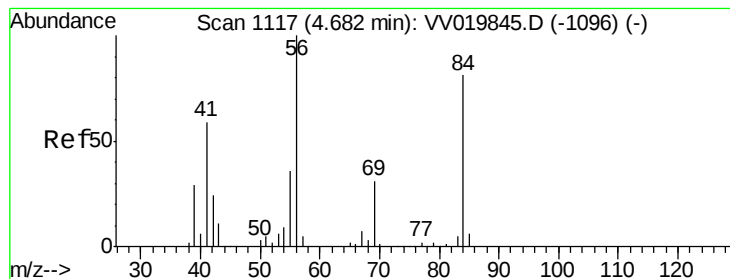
Tgt Ion: 83 Resp: 1842334
Ion Ratio Lower Upper
83 100
85 64.7 44.2 82.2



#27
1,2-Dichloroethane
Concen: 200.338 ug/L
RT: 5.13 min Scan# 1257
Delta R.T. -0.00 min
Lab File: VV019847.D
Acq: 28 Dec 2020 12:44

Tgt Ion: 62 Resp: 1526764
Ion Ratio Lower Upper
62 100
98 9.0 6.9 10.3





#29

Cyclohexane

Concen: 211.466 ug/L

RT: 4.68 min Scan# 1117

Delta R.T. 0.00 min

Lab File: VV019847.D

Acq: 28 Dec 2020 12:44

Instrument :

MSVOA_V

ClientSampleId :

VSTD20065

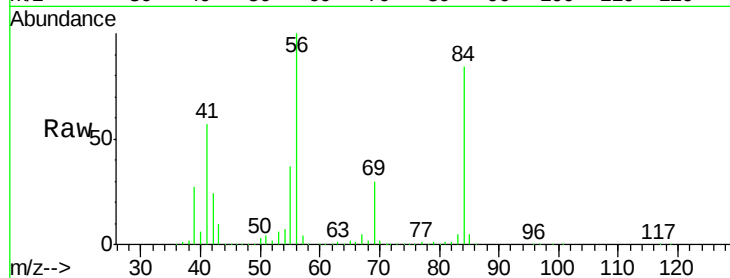
Tgt Ion: 56 Resp: 1696881

Ion Ratio Lower Upper

56 100

69 29.7 24.2 36.2

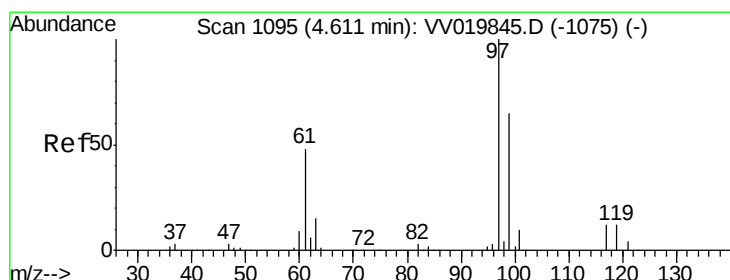
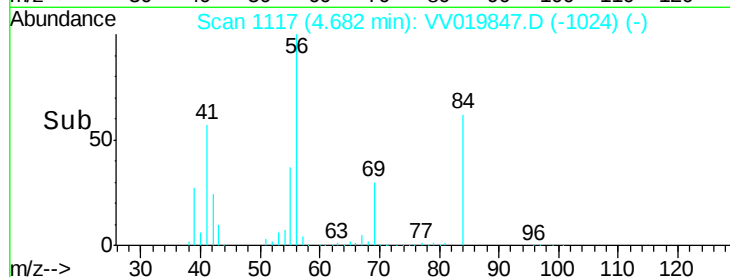
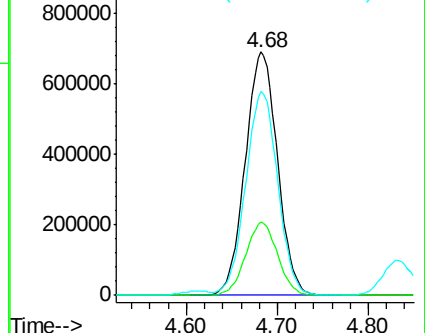
84 83.2 66.3 99.5



Abundance Ion 56.00 (55.70 to 56.70): VV019847.D (-1024) (-)

Ion 69.00 (68.70 to 69.70): VV019847.D (-1024) (-)

Ion 84.00 (83.70 to 84.70): VV019847.D (-1024) (-)



#30

1,1,1-Trichloroethane

Concen: 202.187 ug/L

RT: 4.61 min Scan# 1095

Delta R.T. 0.00 min

Lab File: VV019847.D

Acq: 28 Dec 2020 12:44

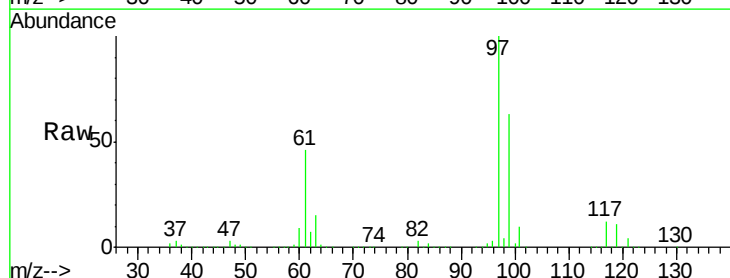
Tgt Ion: 97 Resp: 1637416

Ion Ratio Lower Upper

97 100

99 63.8 51.2 76.8

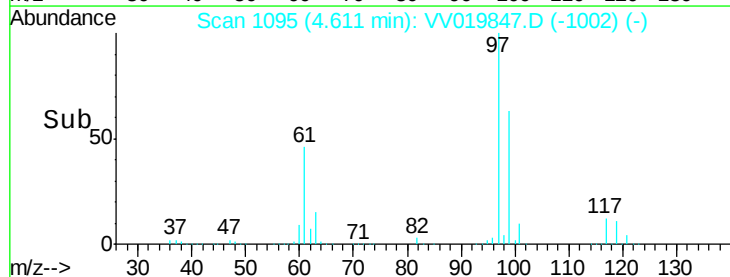
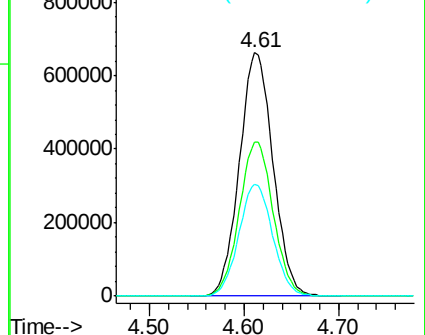
61 46.3 38.5 57.7

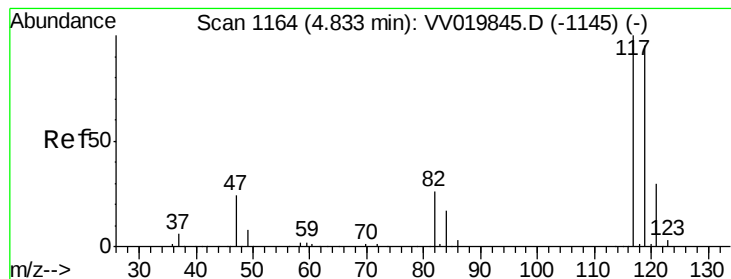


Abundance Ion 97.00 (96.70 to 97.70): VV019847.D (-1002) (-)

Ion 99.00 (98.70 to 99.70): VV019847.D (-1002) (-)

Ion 61.05 (60.75 to 61.75): VV019847.D (-1002) (-)





#31

Carbon tetrachloride

Concen: 205.208 ug/L

RT: 4.83 min Scan# 1164

Delta R.T. 0.00 min

Lab File: VV019847.D

Acq: 28 Dec 2020 12:44

Instrument :

MSVOA_V

ClientSampleId :

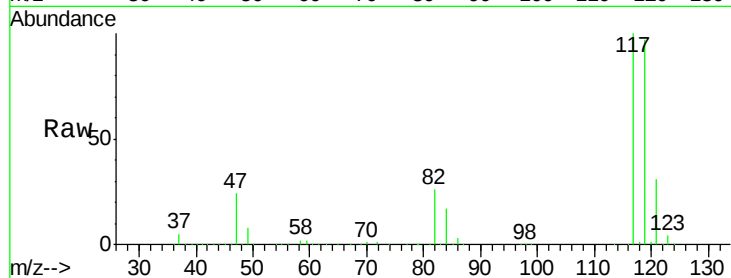
VSTD20065

Tgt Ion:117 Resp: 1363467

Ion Ratio Lower Upper

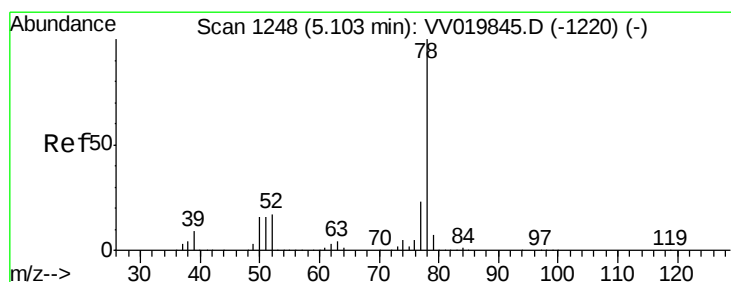
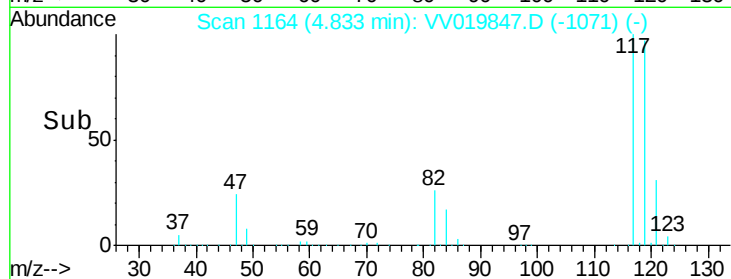
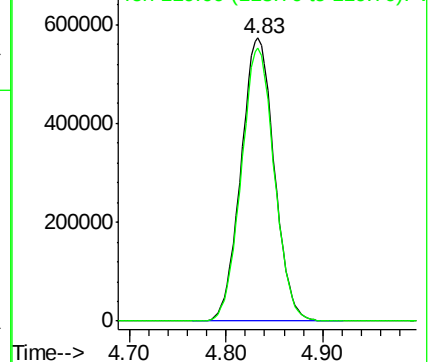
117 100

119 96.0 76.3 114.5



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#33

Benzene

Concen: 200.445 ug/L

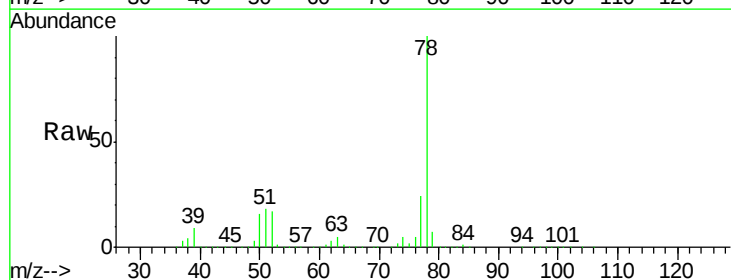
RT: 5.10 min Scan# 1248

Delta R.T. 0.00 min

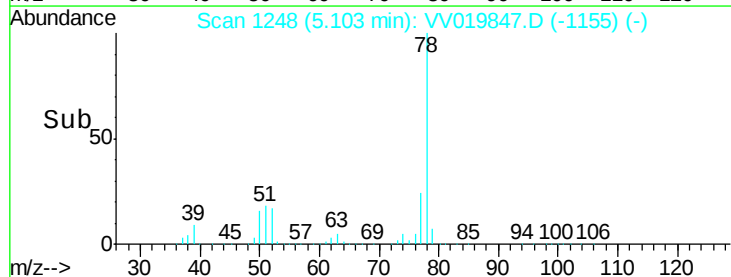
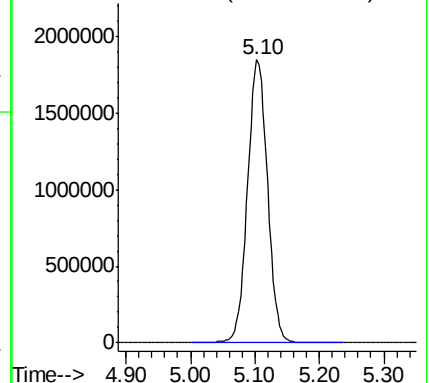
Lab File: VV019847.D

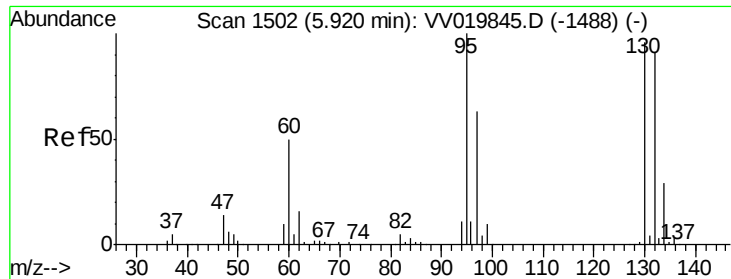
Acq: 28 Dec 2020 12:44

Tgt Ion: 78 Resp: 3994881



Abundance Ion 78.00 (77.70 to 78.70): VV0

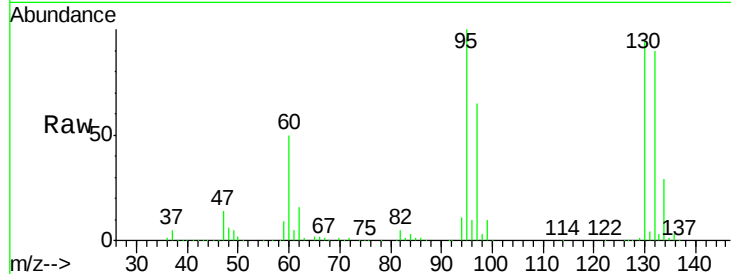




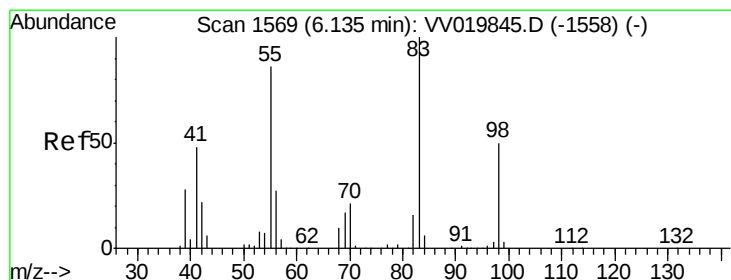
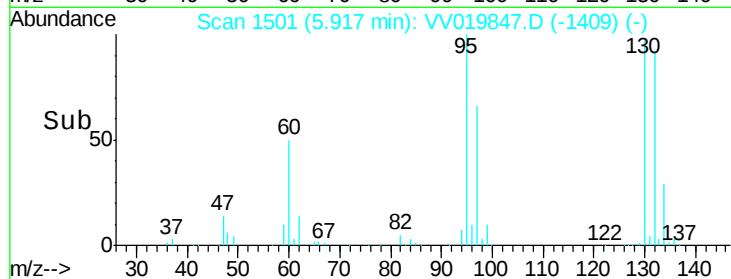
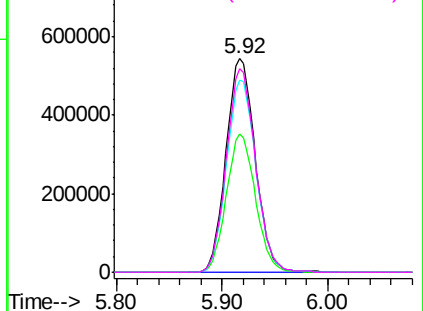
#34
 Trichloroethene
 Concen: 196.680 ug/L
 RT: 5.92 min Scan# 1501
 Delta R.T. -0.00 min
 Lab File: VV019847.D
 Acq: 28 Dec 2020 12:44

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD20065

Tgt Ion: 95 Resp: 1043829
 Ion Ratio Lower Upper
 95 100
 97 64.5 44.5 82.7
 132 90.1 63.4 117.8
 130 95.1 67.1 124.5

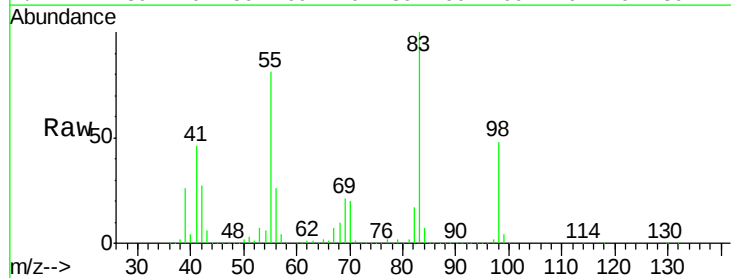


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): VV0
 Ion 130.00 (129.70 to 130.70): VV0

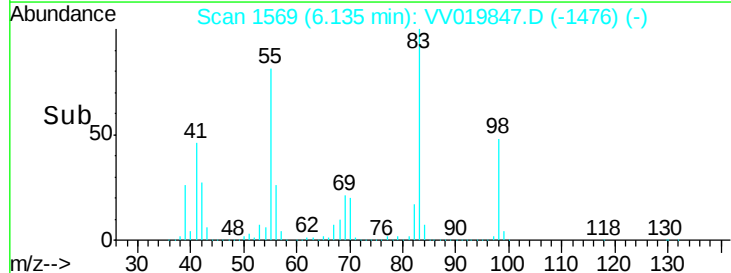
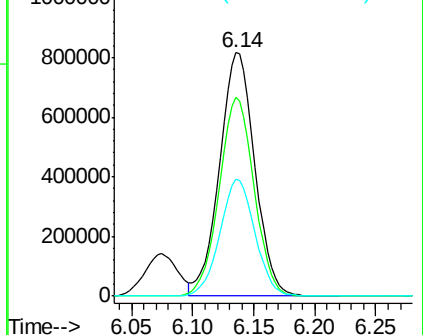


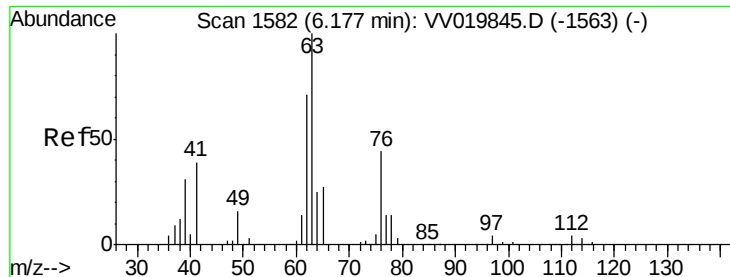
#35
 Methylcyclohexane
 Concen: 210.704 ug/L
 RT: 6.14 min Scan# 1569
 Delta R.T. 0.00 min
 Lab File: VV019847.D
 Acq: 28 Dec 2020 12:44

Tgt Ion: 83 Resp: 1653762
 Ion Ratio Lower Upper
 83 100
 55 80.6 65.1 97.7
 98 47.7 38.2 57.2



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

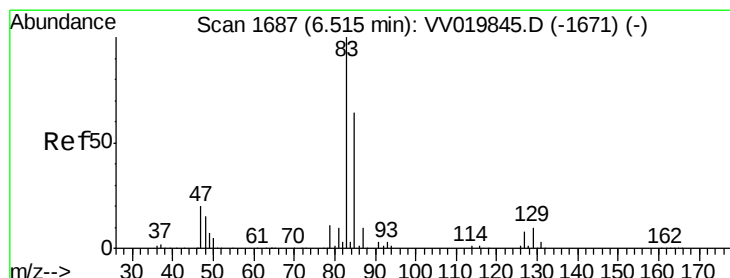
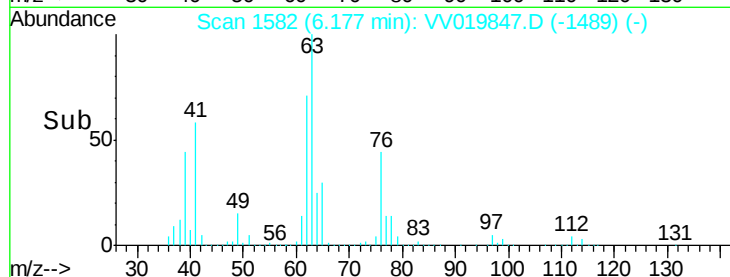
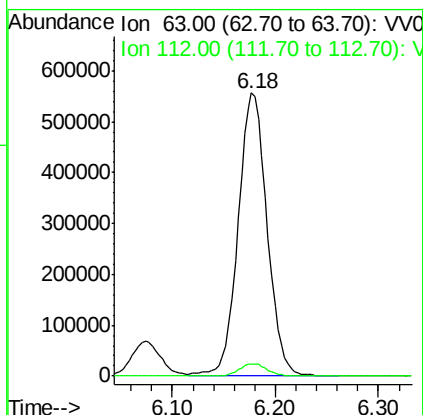
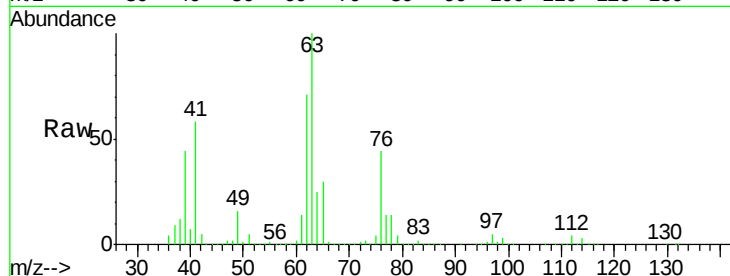




#37
 1,2-Dichloropropane
 Concen: 202.722 ug/L
 RT: 6.18 min Scan# 1582
 Delta R.T. 0.00 min
 Lab File: VV019847.D
 Acq: 28 Dec 2020 12:44

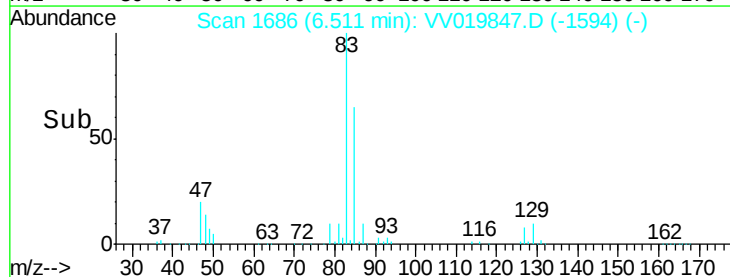
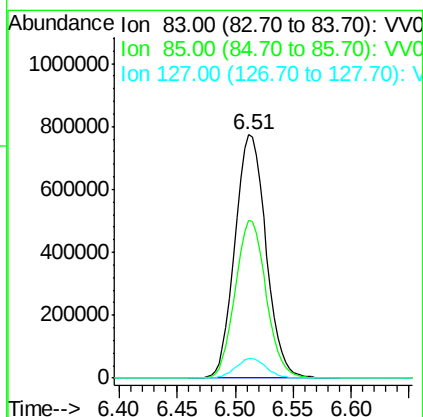
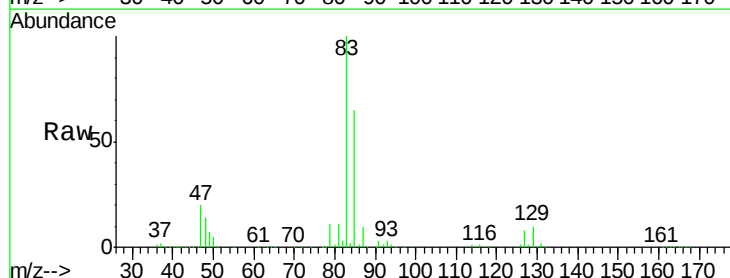
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD20065

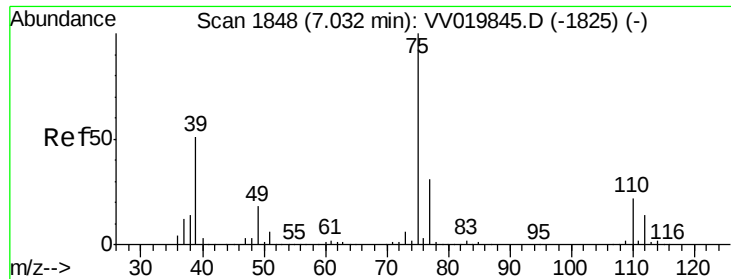
Tgt Ion: 63 Resp: 1082515
 Ion Ratio Lower Upper
 63 100
 112 4.3 3.3 4.9



#38
 Bromodichloromethane
 Concen: 206.358 ug/L
 RT: 6.51 min Scan# 1686
 Delta R.T. -0.00 min
 Lab File: VV019847.D
 Acq: 28 Dec 2020 12:44

Tgt Ion: 83 Resp: 1435438
 Ion Ratio Lower Upper
 83 100
 85 64.7 44.5 82.7
 127 7.9 6.3 9.5



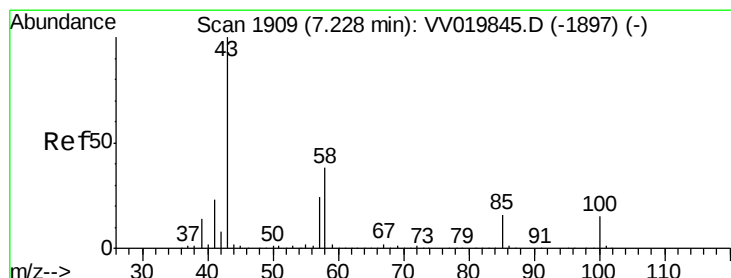
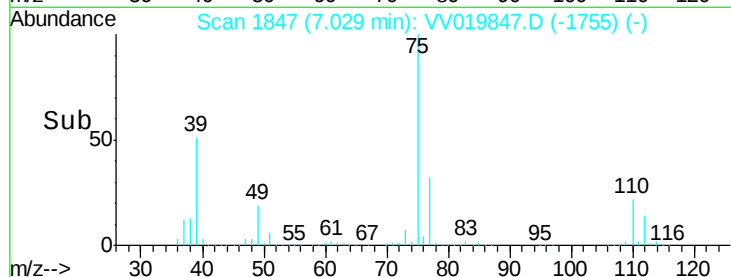
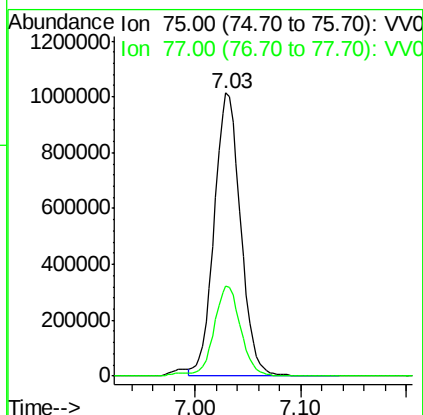
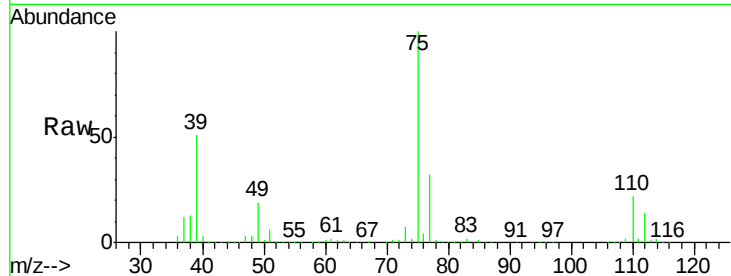


#39

cis-1,3-Dichloropropene
 Concen: 217.173 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.00 min
 Lab File: VV019847.D
 Acq: 28 Dec 2020 12:44

Instrument :
 MSVOA_V
 ClientSampled :
 VSTD20065

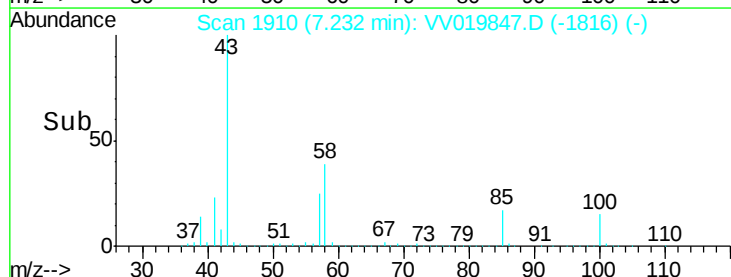
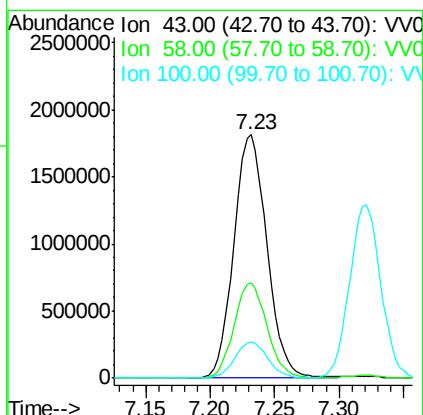
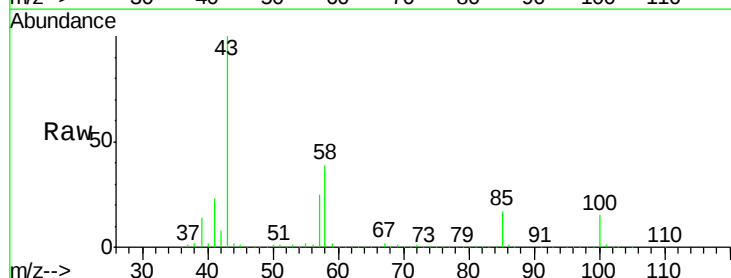
Tgt Ion: 75 Resp: 1760916
 Ion Ratio Lower Upper
 75 100
 77 31.7 21.8 40.6

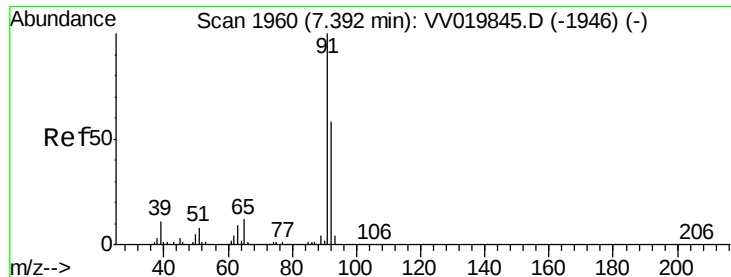


#40

4-Methyl-2-pentanone
 Concen: 405.676 ug/L
 RT: 7.23 min Scan# 1910
 Delta R.T. 0.00 min
 Lab File: VV019847.D
 Acq: 28 Dec 2020 12:44

Tgt Ion: 43 Resp: 3243325
 Ion Ratio Lower Upper
 43 100
 58 38.9 30.7 46.1
 100 14.7 11.6 17.4





#42

Toluene

Concen: 205.035 ug/L

RT: 7.39 min Scan# 1960

Delta R.T. 0.00 min

Lab File: VV019847.D

Acq: 28 Dec 2020 12:44

Instrument :

MSVOA_V

ClientSampled :

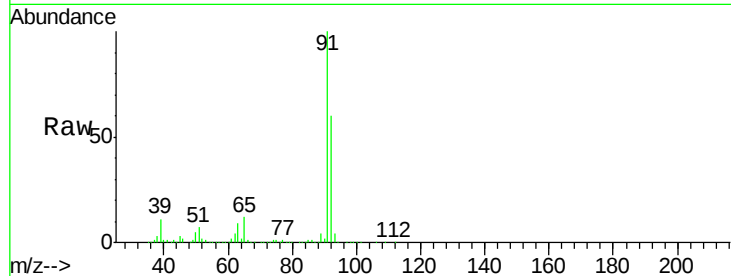
VSTD20065

Tgt Ion: 91 Resp: 4166688

Ion Ratio Lower Upper

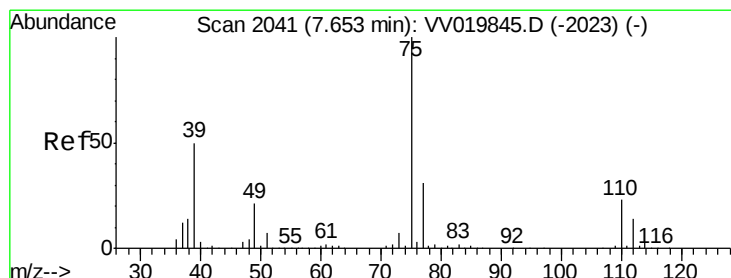
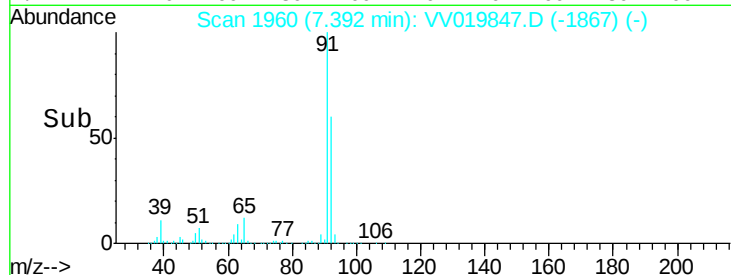
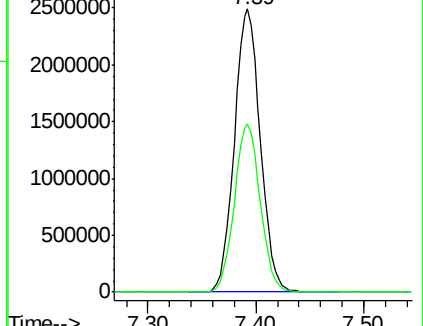
91 100

92 59.6 40.7 75.7



Abundance Ion 91.00 (90.70 to 91.70): VV019845.D (-1946) (-)

Ion 92.00 (91.70 to 92.70): VV019845.D (-1946) (-)



#44

trans-1,3-Dichloropropene

Concen: 222.006 ug/L

RT: 7.65 min Scan# 2041

Delta R.T. 0.00 min

Lab File: VV019847.D

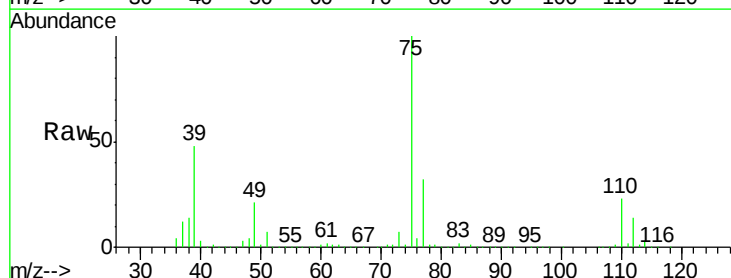
Acq: 28 Dec 2020 12:44

Tgt Ion: 75 Resp: 1747436

Ion Ratio Lower Upper

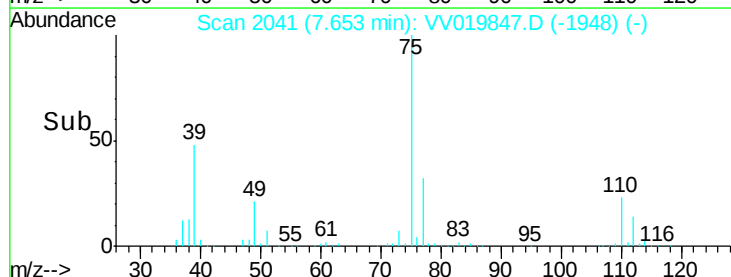
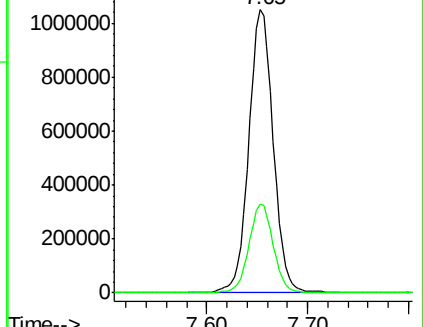
75 100

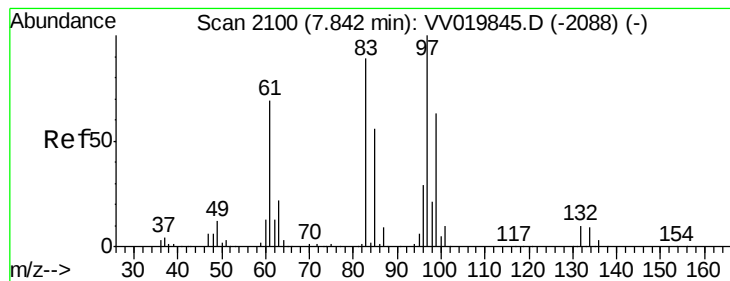
77 31.6 22.0 41.0



Abundance Ion 75.00 (74.70 to 75.70): VV019845.D (-2023) (-)

Ion 77.00 (76.70 to 77.70): VV019845.D (-2023) (-)





#45

1,1,2-Trichloroethane

Concen: 199.971 ug/L

RT: 7.84 min Scan# 2100

Delta R.T. 0.00 min

Lab File: VV019847.D

Acq: 28 Dec 2020 12:44

Instrument :

MSVOA_V

ClientSampleId :

VSTD20065

Tgt Ion: 97 Resp: 982202

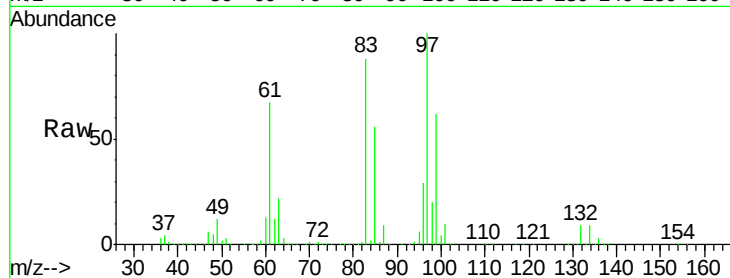
Ion Ratio Lower Upper

97 100

99 62.3 43.8 81.3

83 87.6 62.2 115.4

85 56.1 39.0 72.4

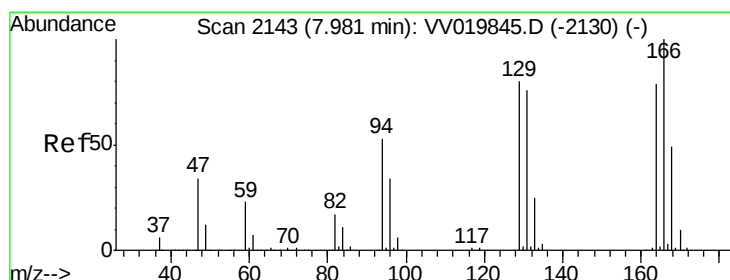
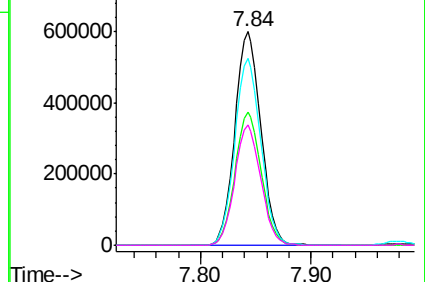
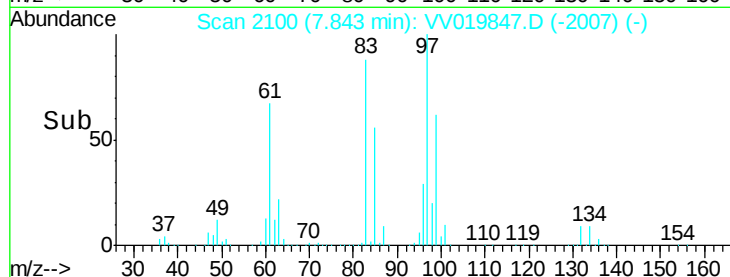


Abundance Ion 97.00 (96.70 to 97.70): VV0

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: 199.674 ug/L

RT: 7.98 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VV019847.D

Acq: 28 Dec 2020 12:44

Tgt Ion: 164 Resp: 705579

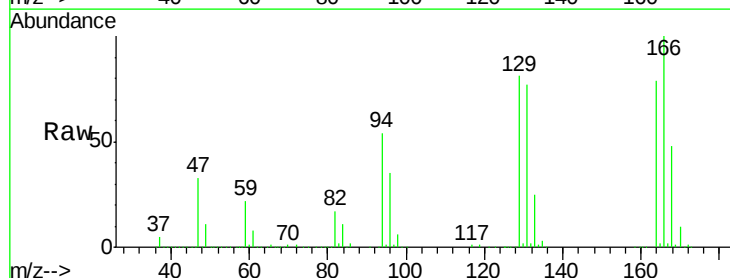
Ion Ratio Lower Upper

164 100

129 101.9 70.6 131.0

131 97.2 66.8 124.0

166 126.1 88.2 163.8

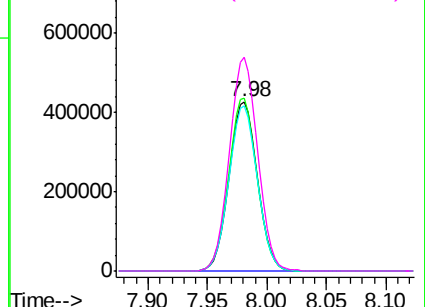
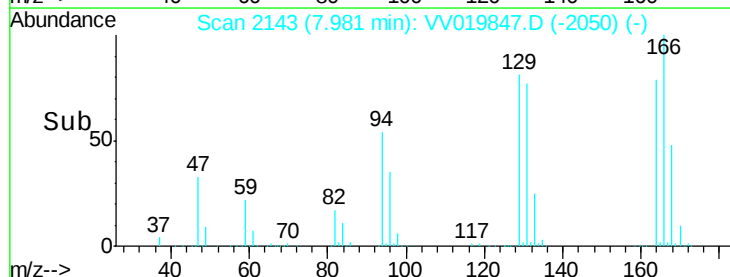


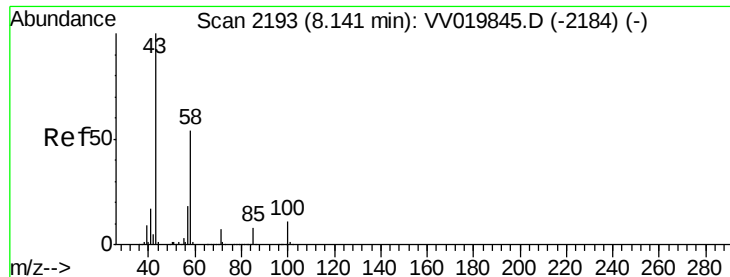
Abundance Ion 164.00 (163.70 to 164.70): V

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

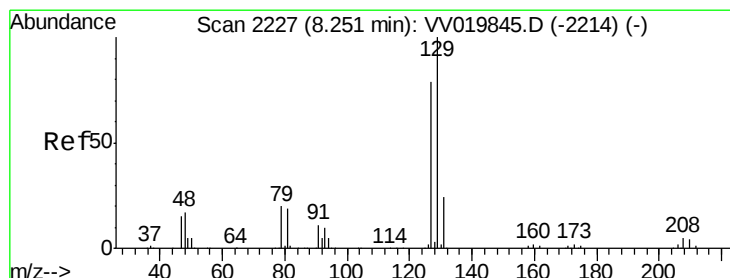
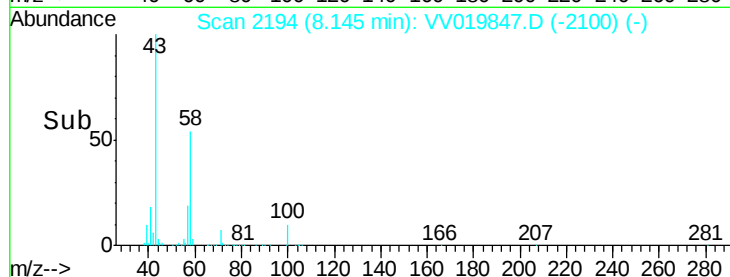
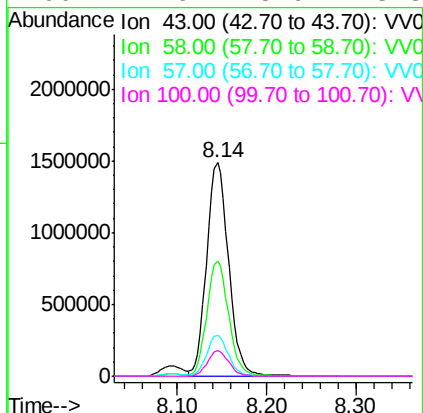
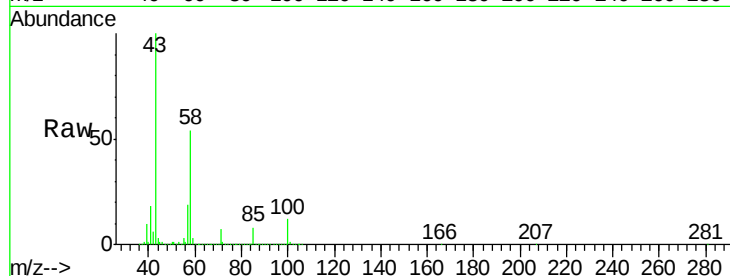




#48
2-Hexanone
Concen: 409.548 ug/L
RT: 8.14 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VV019847.D
Acq: 28 Dec 2020 12:44

Instrument :
MSVOA_V
ClientSampleId :
VSTD20065

Tgt Ion: 43 Resp: 2526585
Ion Ratio Lower Upper
43 100
58 53.7 41.8 62.6
57 19.0 15.0 22.4
100 11.6 8.9 13.3



#49
Dibromochloromethane
Concen: 215.699 ug/L
RT: 8.25 min Scan# 2227
Delta R.T. 0.00 min
Lab File: VV019847.D
Acq: 28 Dec 2020 12:44

Tgt Ion: 129 Resp: 1078530
Ion Ratio Lower Upper
129 100
127 78.2 55.2 102.6

