

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101220\
 Data File : VV018849.D
 Acq On : 12 Oct 2020 10:09
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05085

Quant Time: Oct 13 01:01:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 12 04:43:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	365349	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	364061	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	184285	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	137632	41.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.92%
7) Chloroethane-d5	1.57	69	113563	42.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.00%
11) 1,1-Dichloroethene-d2	2.12	63	273165	42.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.36%
21) 2-Butanone-d5	3.89	46	198801	97.53	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.53%
24) Chloroform-d	4.37	84	261442	44.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.28%
26) 1,2-Dichloroethane-d4	5.05	65	172074	43.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.68%
32) Benzene-d6	5.07	84	514142	43.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.76%
36) 1,2-Dichloropropane-d6	6.09	67	159597	41.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.56%
41) Toluene-d8	7.33	98	435404	41.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.72%
43) trans-1,3-Dichloropropene-	7.64	79	79157	42.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.78%
47) 2-Hexanone-d5	8.10	63	124242	92.79	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.79%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	189807	43.19	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.38%
64) 1,2-Dichlorobenzene-d4	11.65	152	175565	43.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.10%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	155636	65.994	ug/L 99
3) Chloromethane	1.25	50	168754	54.542	ug/L 99
5) Vinyl chloride	1.32	62	167936	52.060	ug/L 99
6) Bromomethane	1.53	94	96043	50.521	ug/L 98
8) Chloroethane	1.59	64	102542	48.551	ug/L 98
9) Trichlorofluoromethane	1.76	101	233057	49.415	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	126643	48.225	ug/L 99
12) 1,1-Dichloroethene	2.13	96	121273	47.961	ug/L 100
13) Acetone	2.18	43	222759	131.122	ug/L 99
14) Carbon disulfide	2.31	76	379967	50.765	ug/L 99
15) Methyl Acetate	2.44	43	144831	43.639	ug/L 99
16) Methylene chloride	2.52	84	130470	41.915	ug/L 98
17) trans-1,2-Dichloroethene	2.78	96	119092	44.620	ug/L 99
18) Methyl tert-butyl Ether	2.78	73	385344	43.056	ug/L 99
19) 1,1-Dichloroethane	3.21	63	245775	46.921	ug/L 99
20) cis-1,2-Dichloroethene	3.93	96	138726	49.180	ug/L 96
22) 2-Butanone	3.98	43	239914	120.522	ug/L 97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101220\
 Data File : VV018849.D
 Acq On : 12 Oct 2020 10:09
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05085

Quant Time: Oct 13 01:01:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 12 04:43:49 2020
 Response via : Initial Calibration

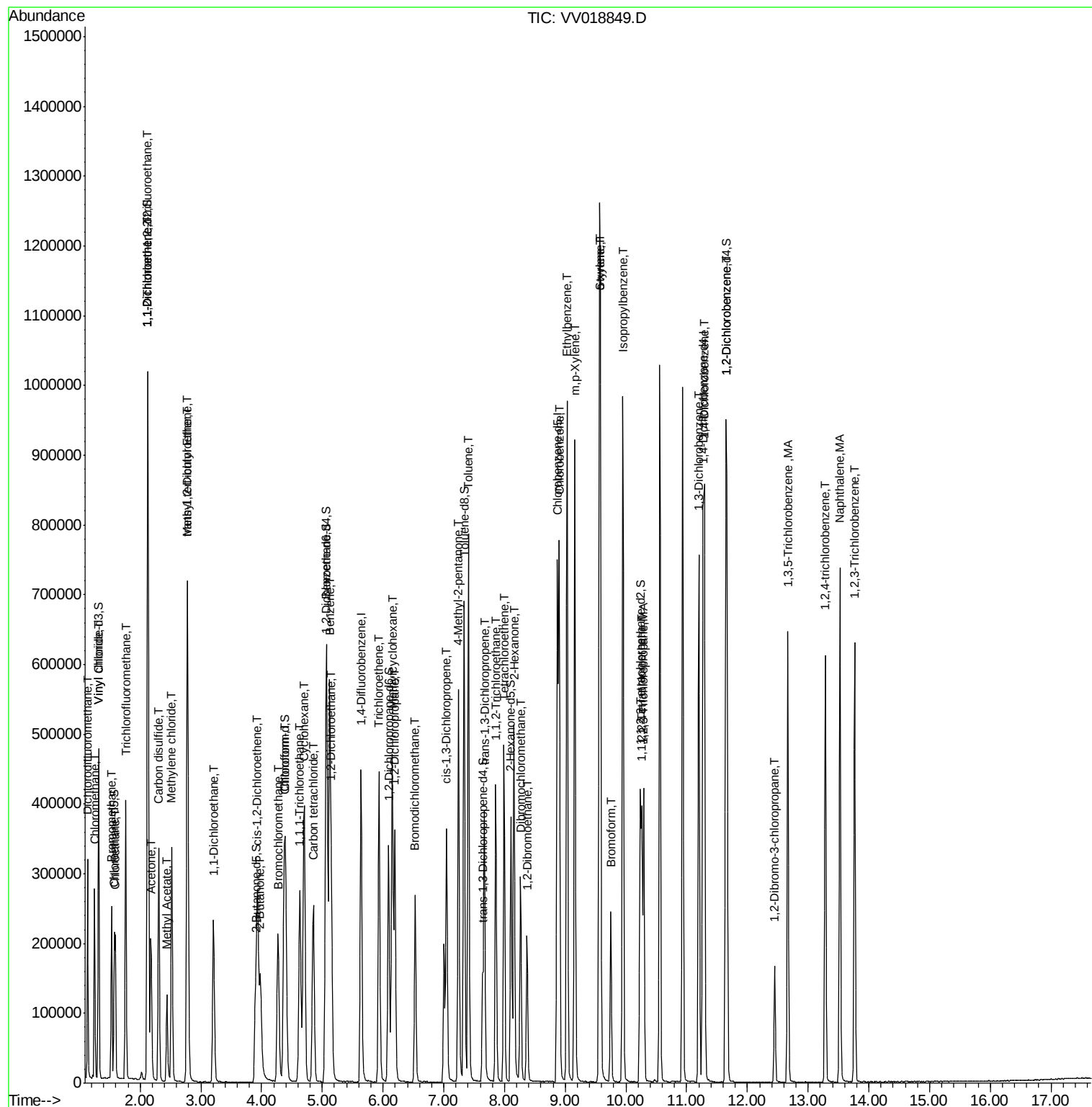
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	71695	49.025	ug/L	96
25) Chloroform	4.40	83	249127	46.342	ug/L	97
27) 1,2-Dichloroethane	5.15	62	206574	47.232	ug/L	97
29) Cyclohexane	4.70	56	220361	49.981	ug/L	99
30) 1,1,1-Trichloroethane	4.63	97	218863	45.106	ug/L	100
31) Carbon tetrachloride	4.85	117	194288	47.508	ug/L	99
33) Benzene	5.12	78	543155	47.026	ug/L	100
34) Trichloroethene	5.93	95	149110	44.856	ug/L	99
35) Methylcyclohexane	6.15	83	186424	45.832	ug/L	99
37) 1,2-Dichloropropane	6.19	63	134924	42.527	ug/L	100
38) Bromodichloromethane	6.53	83	176287	43.752	ug/L	100
39) cis-1,3-Dichloropropene	7.04	75	211118	47.103	ug/L	98
40) 4-Methyl-2-pentanone	7.24	43	369813	89.694	ug/L	100
42) Toluene	7.41	91	541357	45.632	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	209522	45.618	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	122914	43.135	ug/L	99
46) Tetrachloroethene	7.99	164	106356	43.656	ug/L	98
48) 2-Hexanone	8.15	43	332558	102.175	ug/L	99
49) Dibromochloromethane	8.26	129	143731	46.149	ug/L	99
50) 1,2-Dibromoethane	8.37	107	134399	46.116	ug/L	100
51) Chlorobenzene	8.90	112	380915	48.377	ug/L	98
52) Ethylbenzene	9.03	91	656862	48.757	ug/L	98
53) m,p-Xylene	9.16	106	238651	48.259	ug/L	97
54) o-xylene	9.56	106	224851	47.873	ug/L	99
55) Styrene	9.58	104	410996	49.439	ug/L	98
56) Isopropylbenzene	9.95	105	613079	47.175	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	179237	45.093	ug/L	98
59) 1,2,3-Trichloropropane	10.29	75	163808	43.391	ug/L	99
61) Bromoform	9.75	173	106683	52.176	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	292299	48.651	ug/L	98
63) 1,4-Dichlorobenzene	11.29	146	297180	47.550	ug/L	99
65) 1,2-Dichlorobenzene	11.66	146	275916	45.744	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	39144	47.046	ug/L	96
67) 1,3,5-Trichlorobenzene	12.67	180	189034	48.576	ug/L	100
68) 1,2,4-trichlorobenzene	13.28	180	179601	49.080	ug/L	99
69) Naphthalene	13.52	128	529520	51.358	ug/L	100
70) 1,2,3-Trichlorobenzene	13.76	180	182737	50.305	ug/L	100

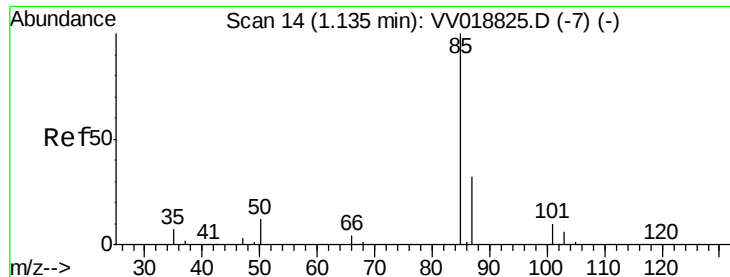
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV101220\
Data File : VV018849.D
Acq On : 12 Oct 2020 10:09
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD05085

Quant Time: Oct 13 01:01:57 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Oct 12 04:43:49 2020
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 65.994 ug/L

RT: 1.14 min Scan# 14

Delta R.T. 0.00 min

Lab File: VV018849.D

Acq: 12 Oct 2020 10:09

Instrument :

MSVOA_V

ClientSampleId :

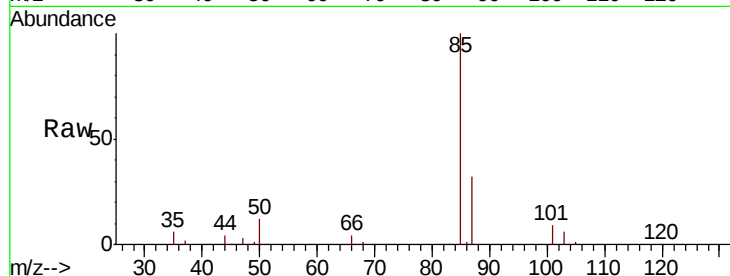
VSTD05085

Tot Ion: 85 Resp: 155636

Ion Ratio Lower Upper

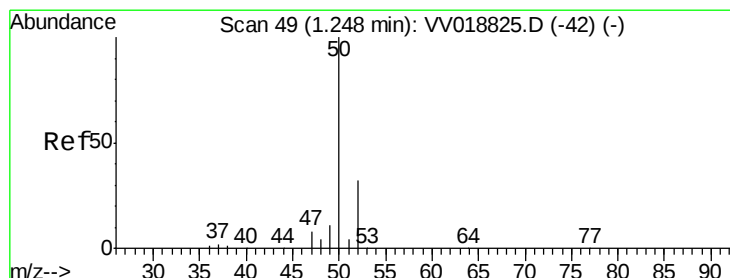
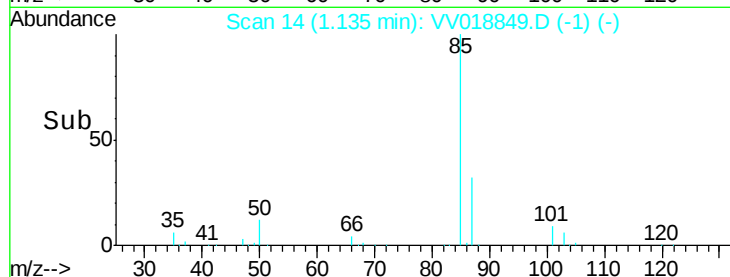
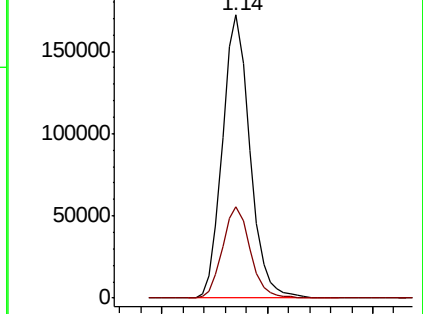
85 100

87 32.5 25.5 38.3



Abundance Ion 85.00 (84.70 to 85.70): VV0

Ion 87.00 (86.70 to 87.70): VV0



#3

Chloromethane

Concen: 54.542 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV018849.D

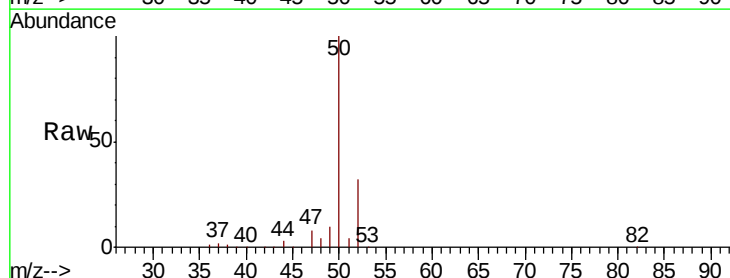
Acq: 12 Oct 2020 10:09

Tgt Ion: 50 Resp: 168754

Ion Ratio Lower Upper

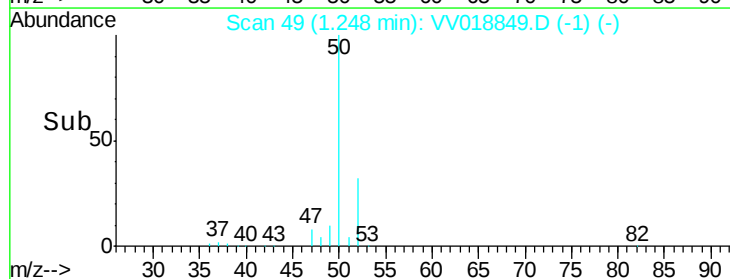
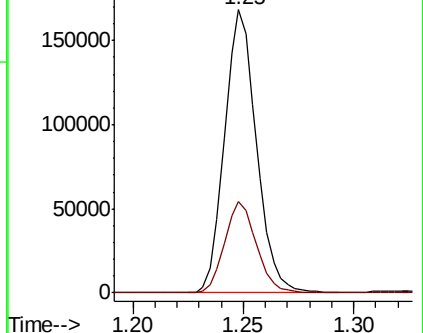
50 100

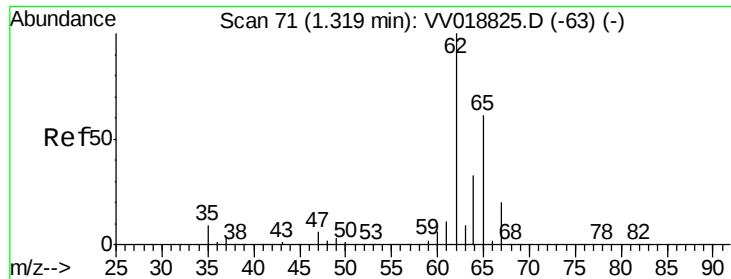
52 32.1 22.7 42.1



Abundance Ion 50.00 (49.70 to 50.70): VV0

Ion 52.00 (51.70 to 52.70): VV0





#5

Vinyl chloride

Concen: 52.060 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV018849.D

Acq: 12 Oct 2020 10:09

Instrument :

MSVOA_V

ClientSampleId :

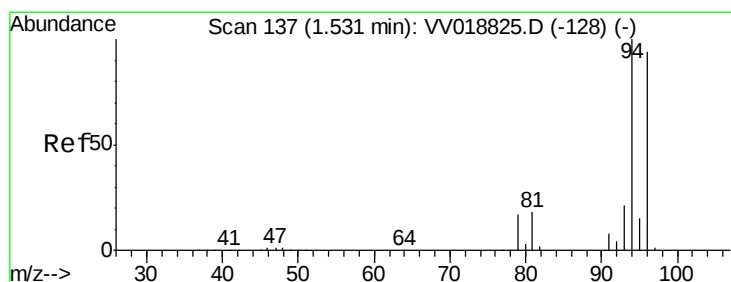
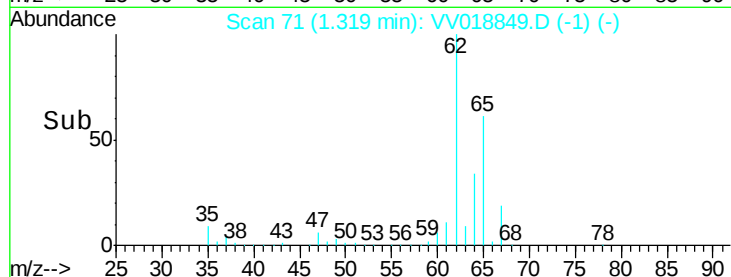
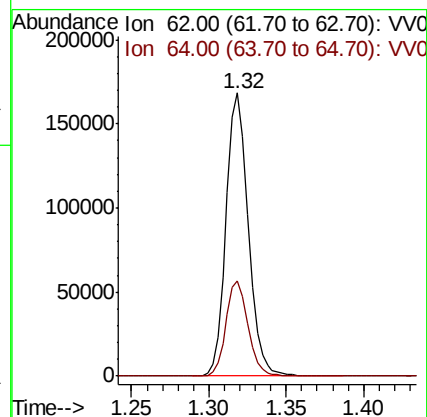
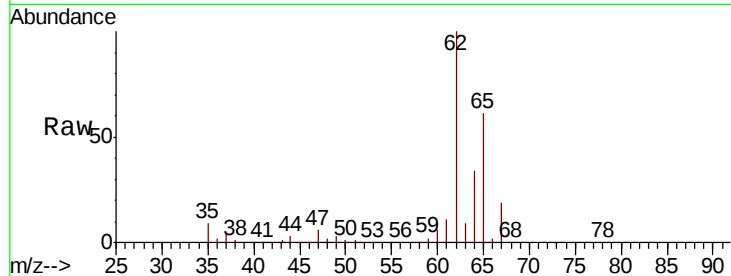
VSTD05085

Tot Ion: 62 Resp: 167936

Ion Ratio Lower Upper

62 100

64 33.8 23.2 43.0



#6

Bromomethane

Concen: 50.521 ug/L

RT: 1.53 min Scan# 137

Delta R.T. 0.00 min

Lab File: VV018849.D

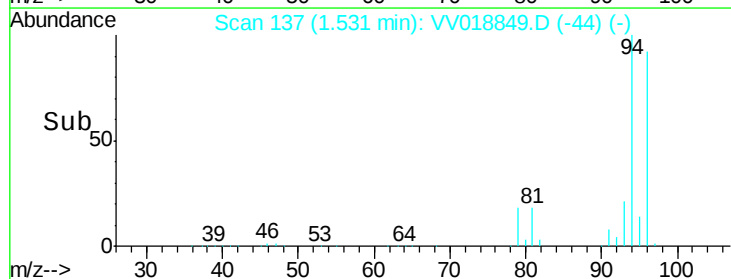
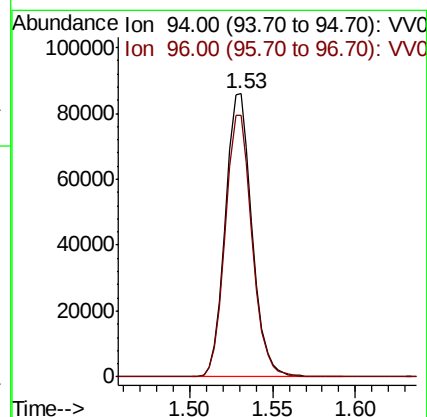
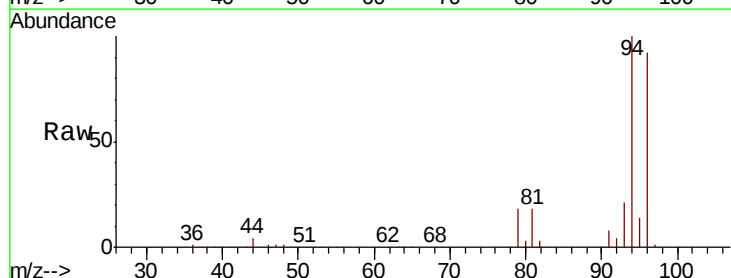
Acq: 12 Oct 2020 10:09

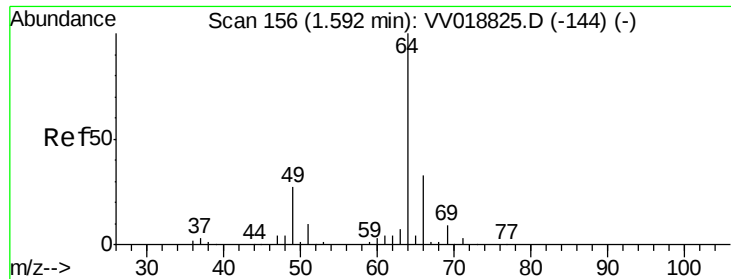
Tgt Ion: 94 Resp: 96043

Ion Ratio Lower Upper

94 100

96 92.5 66.2 123.0





#8

Chloroethane

Concen: 48.551 ug/L

RT: 1.59 min Scan# 156

Delta R.T. 0.00 min

Lab File: VV018849.D

Acq: 12 Oct 2020 10:09

Instrument :

MSVOA_V

ClientSampleId :

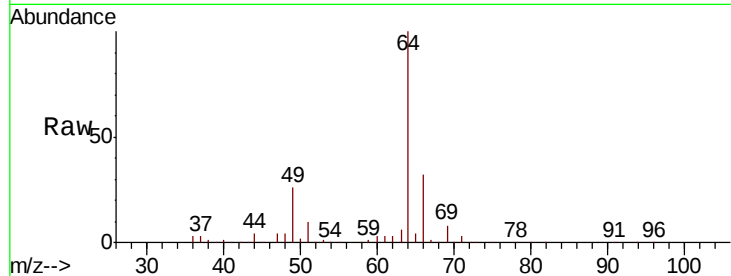
VSTD05085

Tot Ion: 64 Resp: 102542

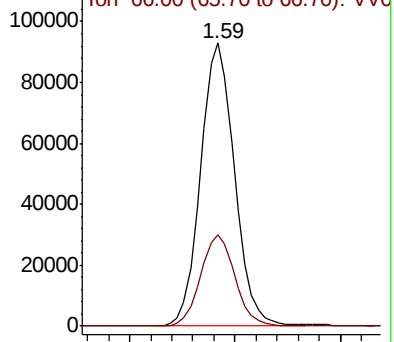
Ion Ratio Lower Upper

64 100

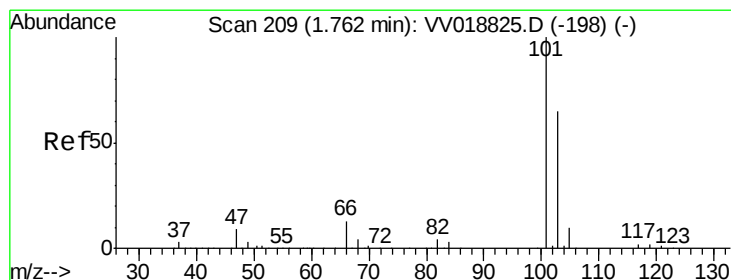
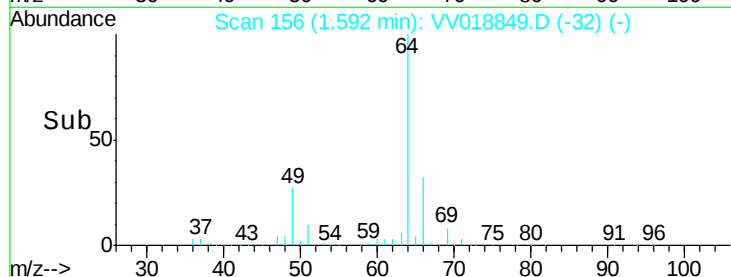
66 32.3 21.7 40.3



Abundance Ion 64.00 (63.70 to 64.70): VV018849.D (-32) (-)



Time-->



#9

Trichlorofluoromethane

Concen: 49.415 ug/L

RT: 1.76 min Scan# 209

Delta R.T. 0.00 min

Lab File: VV018849.D

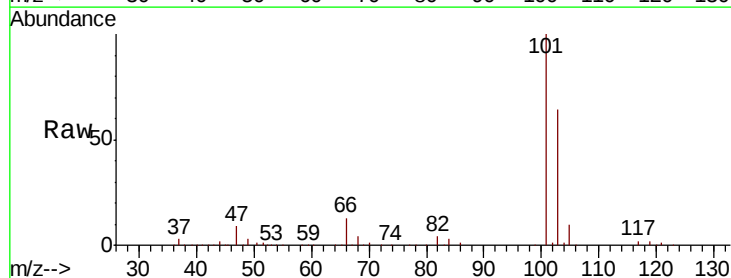
Acq: 12 Oct 2020 10:09

Tgt Ion: 101 Resp: 233057

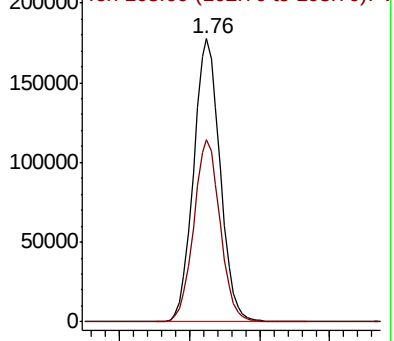
Ion Ratio Lower Upper

101 100

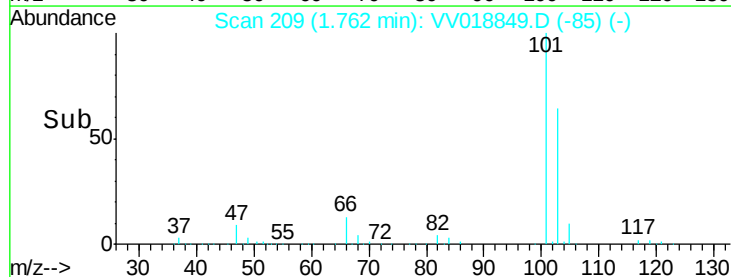
103 63.9 51.6 77.4

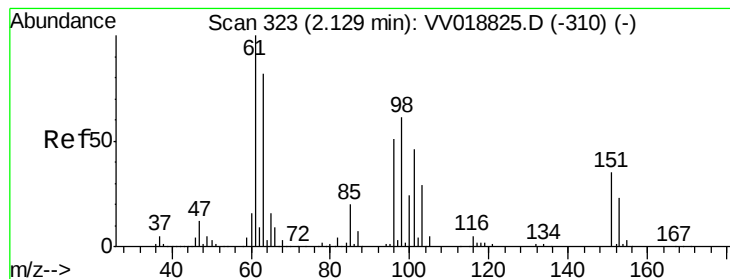


Abundance Ion 101.00 (100.70 to 101.70): VV018849.D (-85) (-)



Time-->





#10

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

Concen: 48.225 ug/L

RT: 2.13 min Scan# 323

Delta R.T. 0.00 min

Lab File: VV018849.D

Acq: 12 Oct 2020 10:09

Instrument :

MSVOA_V

ClientSampleId :

VSTD05085

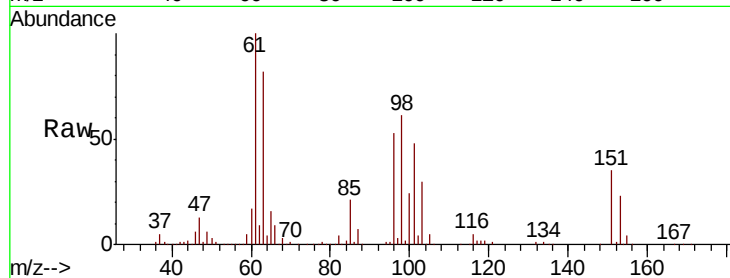
Tot Ion:101 Resp: 126643

Ion Ratio Lower Upper

101 100

85 44.2 35.9 53.9

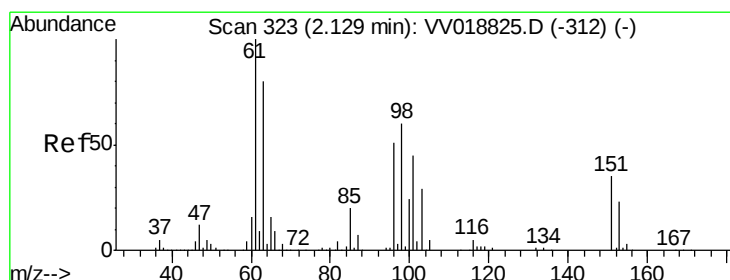
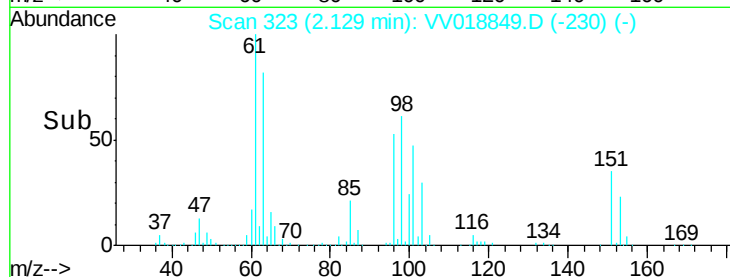
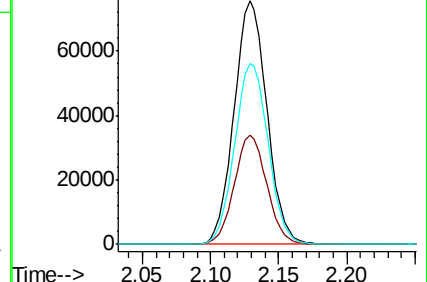
151 75.9 59.8 89.8



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: 47.961 ug/L

RT: 2.13 min Scan# 323

Delta R.T. 0.00 min

Lab File: VV018849.D

Acq: 12 Oct 2020 10:09

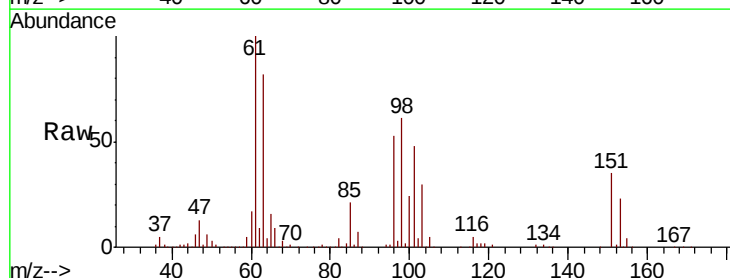
Tgt Ion: 96 Resp: 121273

Ion Ratio Lower Upper

96 100

61 190.4 133.6 248.0

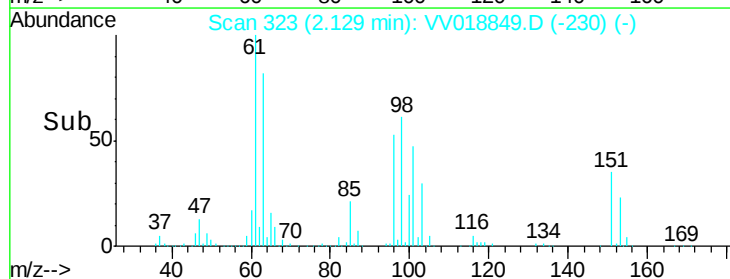
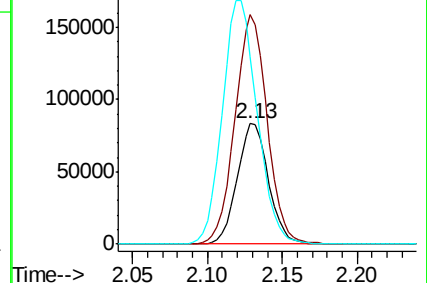
63 155.3 108.4 201.4

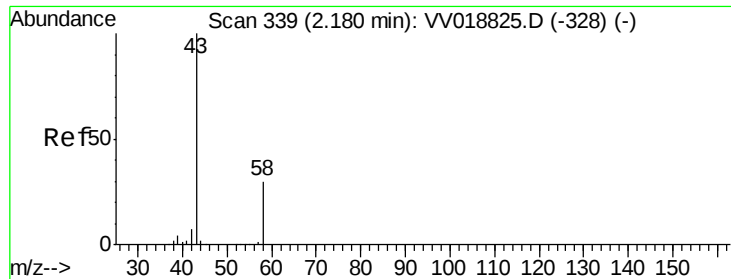


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 131.122 ug/L

RT: 2.18 min Scan# 338

Delta R.T. -0.00 min

Lab File: VV018849.D

Acq: 12 Oct 2020 10:09

Instrument :

MSVOA_V

ClientSampled :

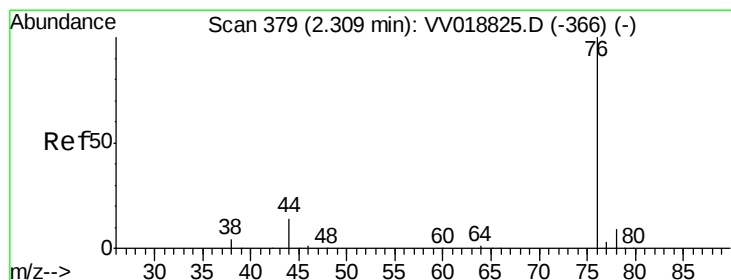
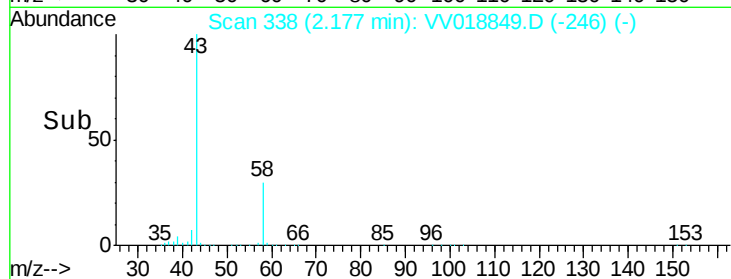
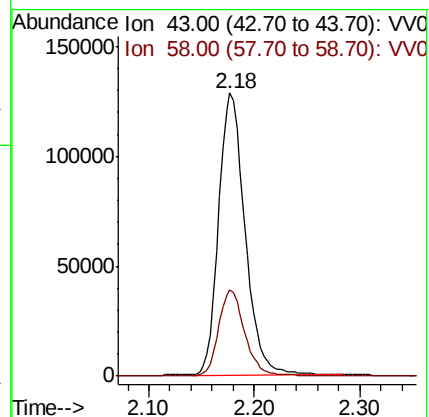
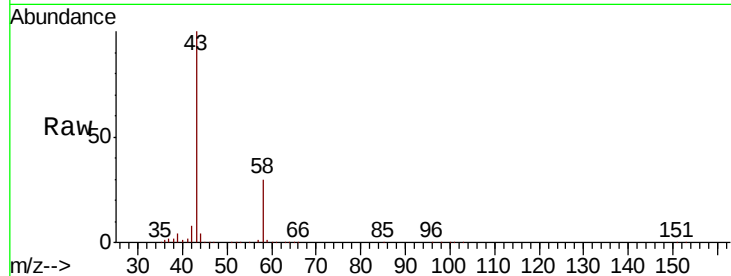
VSTD05085

Tot Ion: 43 Resp: 222759

Ion Ratio Lower Upper

43 100

58 29.8 0.0 61.0



#14

Carbon disulfide

Concen: 50.765 ug/L

RT: 2.31 min Scan# 378

Delta R.T. -0.00 min

Lab File: VV018849.D

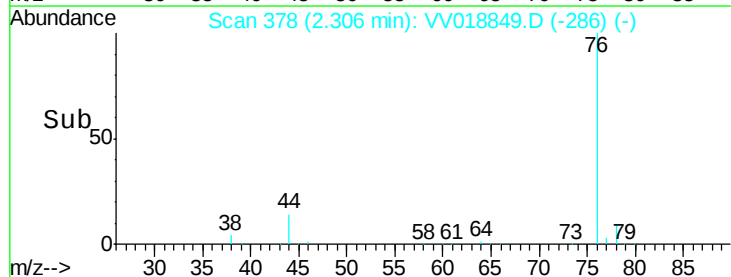
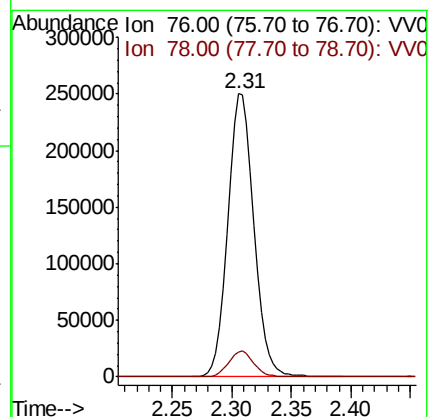
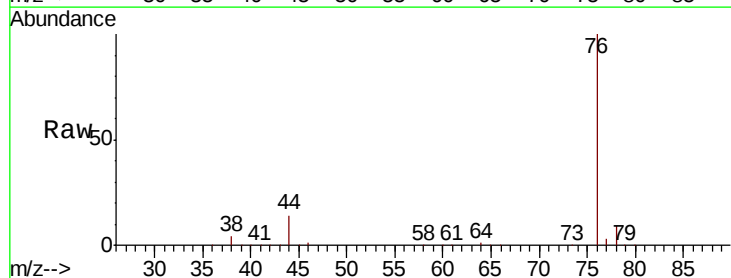
Acq: 12 Oct 2020 10:09

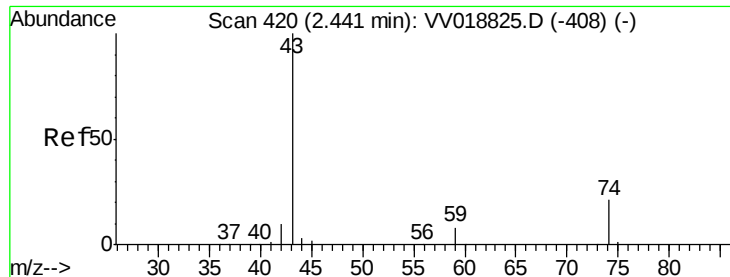
Tgt Ion: 76 Resp: 379967

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.0

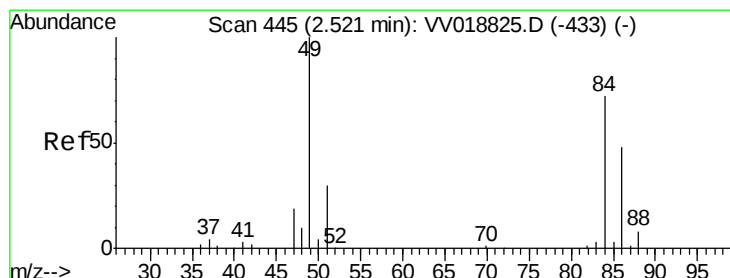
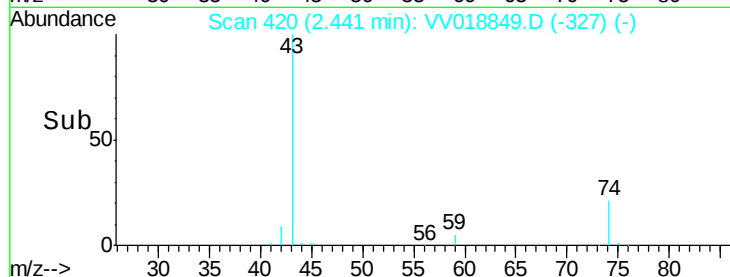
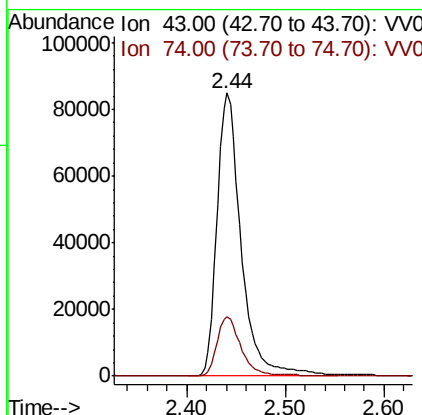
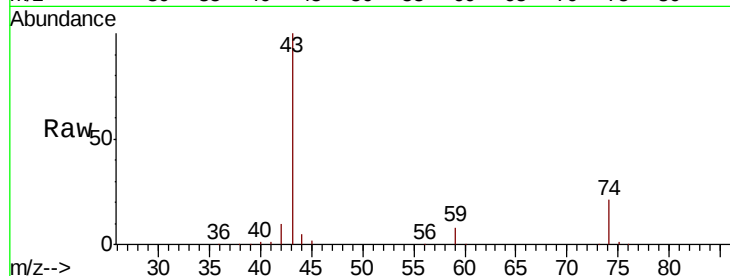




#15
Methvl Acetate
Concen: 43.639 ug/L
RT: 2.44 min Scan# 420
Delta R.T. 0.00 min
Lab File: VV018849.D
Acq: 12 Oct 2020 10:09

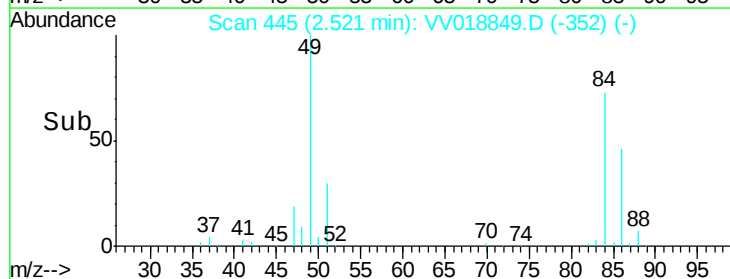
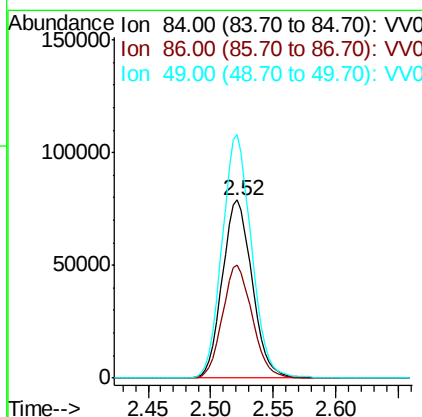
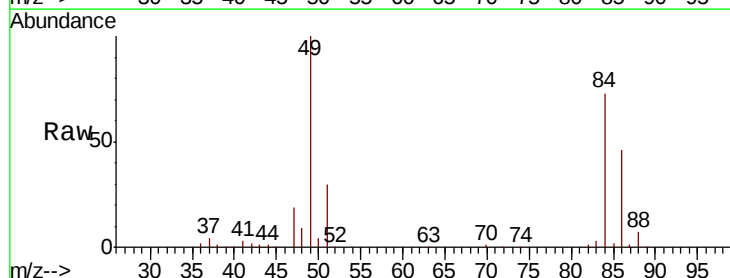
Instrument :
MSVOA_V
ClientSampleId :
VSTD05085

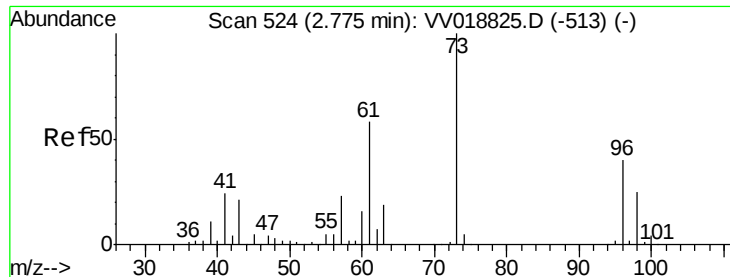
Tot Ion: 43 Resp: 144831
Ion Ratio Lower Upper
43 100
74 20.8 16.9 25.3



#16
Methylene chloride
Concen: 41.915 ug/L
RT: 2.52 min Scan# 445
Delta R.T. 0.00 min
Lab File: VV018849.D
Acq: 12 Oct 2020 10:09

Tgt Ion: 84 Resp: 130470
Ion Ratio Lower Upper
84 100
86 63.6 45.2 84.0
49 136.8 97.9 181.9

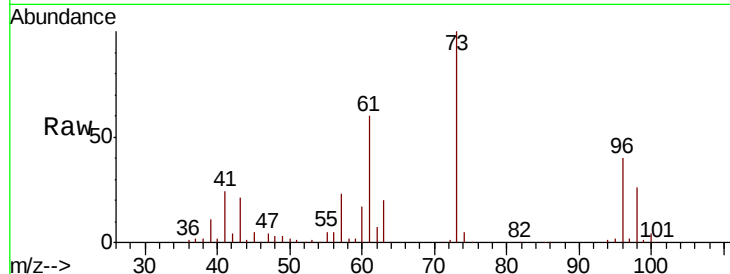




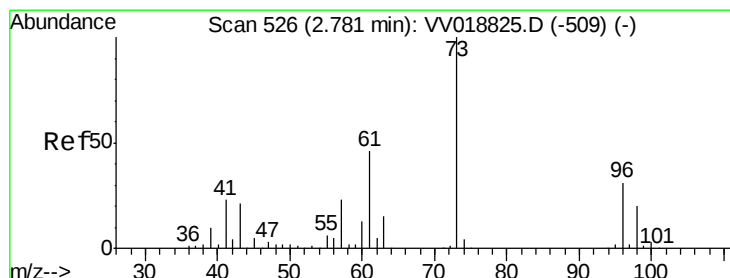
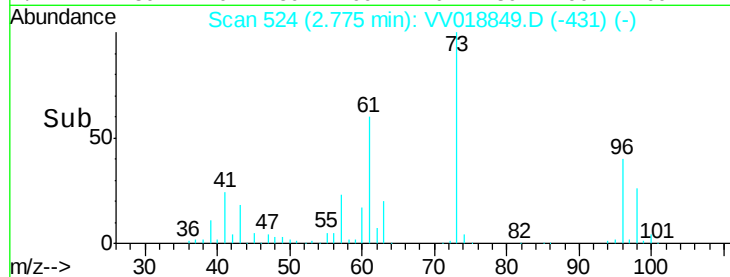
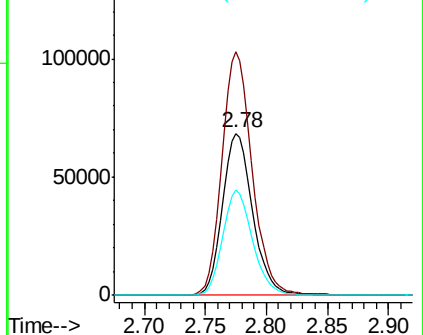
#17
trans-1,2-Dichloroethene
Concen: 44.620 ug/L
RT: 2.78 min Scan# 524
Delta R.T. 0.00 min
Lab File: VV018849.D
Acq: 12 Oct 2020 10:09

Instrument :
MSVOA_V
ClientSampleId :
VSTD05085

Tot Ion: 96 Resp: 119092
Ion Ratio Lower Upper
96 100
61 150.3 105.7 196.3
98 65.0 44.7 83.1

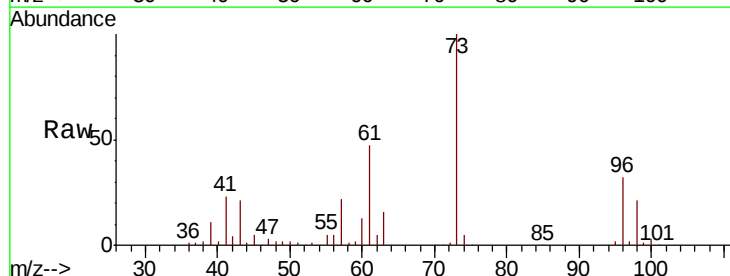


Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

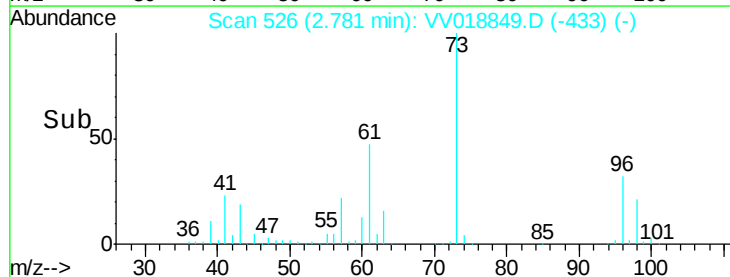
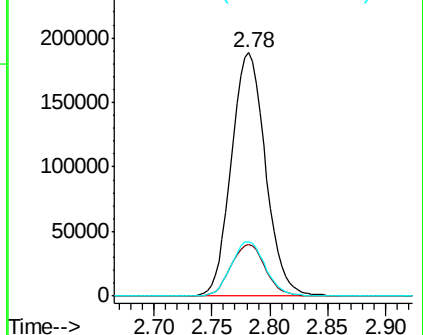


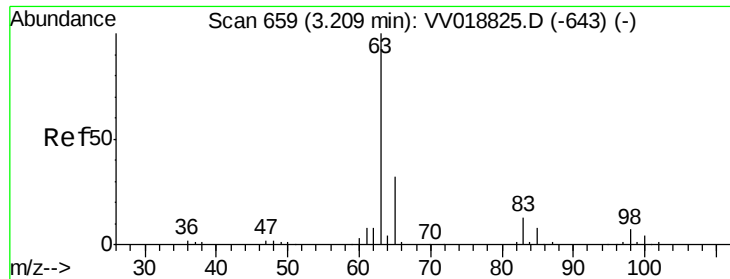
#18
Methyl tert-butyl Ether
Concen: 43.056 ug/L
RT: 2.78 min Scan# 526
Delta R.T. 0.00 min
Lab File: VV018849.D
Acq: 12 Oct 2020 10:09

Tgt Ion: 73 Resp: 385344
Ion Ratio Lower Upper
73 100
43 21.4 17.3 25.9
57 22.5 18.5 27.7



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

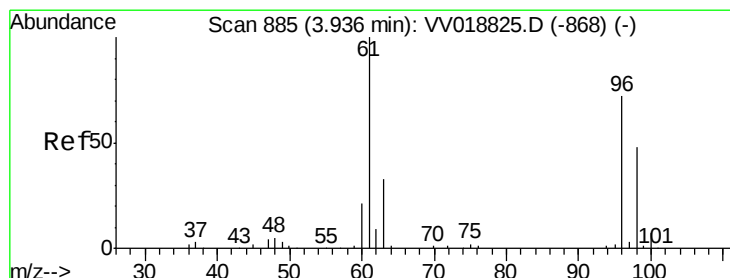
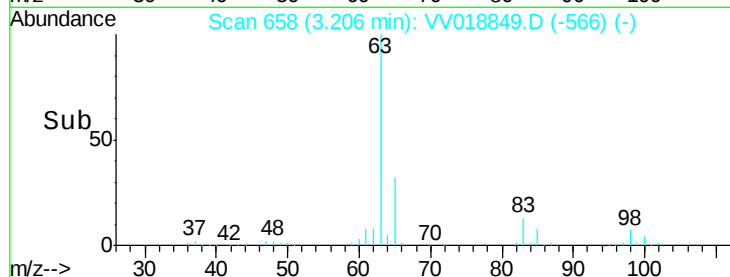
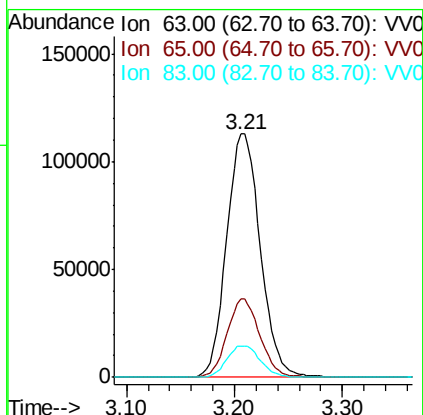
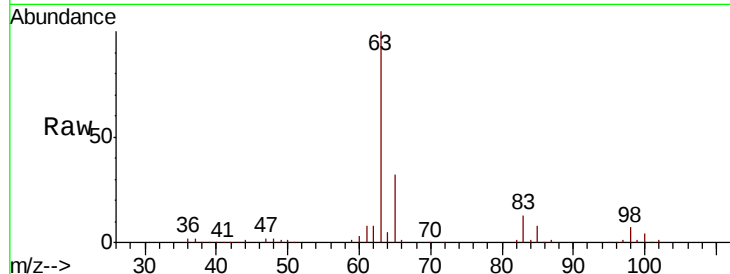




#19
 1,1-Dichloroethane
 Concen: 46.921 ug/L
 RT: 3.21 min Scan# 658
 Delta R.T. -0.00 min
 Lab File: VV018849.D
 Acq: 12 Oct 2020 10:09

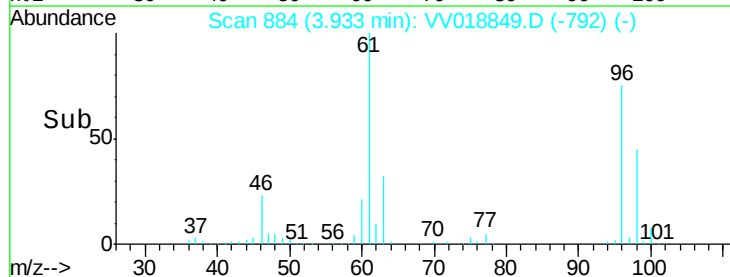
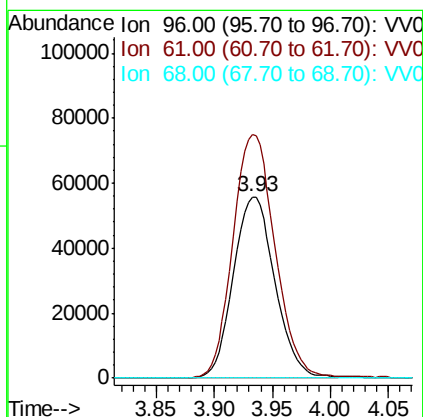
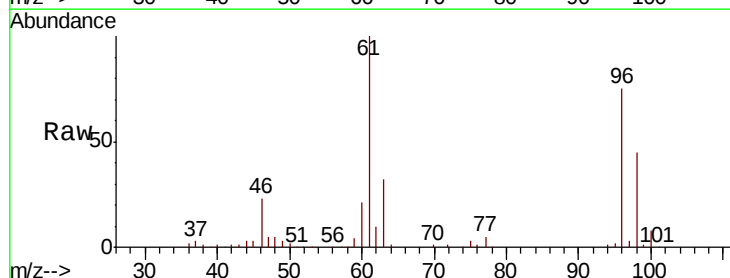
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05085

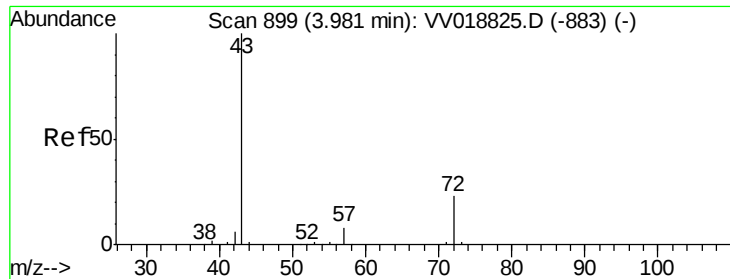
Tot Ion: 63 Resp: 245775
 Ion Ratio Lower Upper
 63 100
 65 32.1 22.0 40.8
 83 13.0 9.2 17.0



#20
 cis-1,2-Dichloroethene
 Concen: 49.180 ug/L
 RT: 3.93 min Scan# 884
 Delta R.T. -0.00 min
 Lab File: VV018849.D
 Acq: 12 Oct 2020 10:09

Tgt Ion: 96 Resp: 138726
 Ion Ratio Lower Upper
 96 100
 61 134.2 97.3 180.7
 68 0.0 0.0 0.0





#22

2-Butanone

Concen: 120.522 ug/L

RT: 3.98 min Scan# 898

Delta R.T. -0.00 min

Lab File: VV018849.D

Acq: 12 Oct 2020 10:09

Instrument :

MSVOA_V

ClientSampleId :

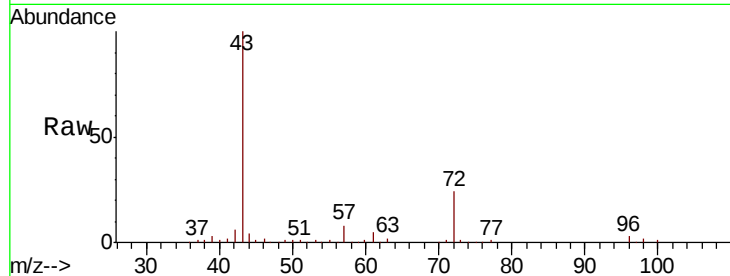
VSTD05085

Tot Ion: 43 Resp: 239914

Ion Ratio Lower Upper

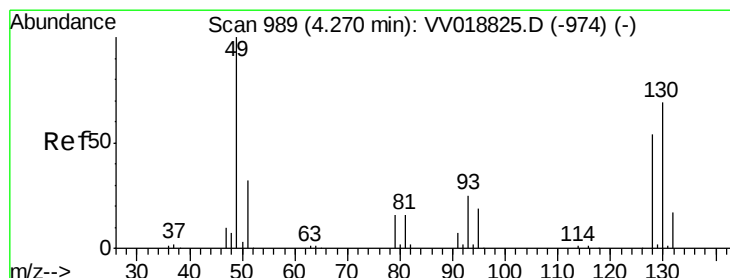
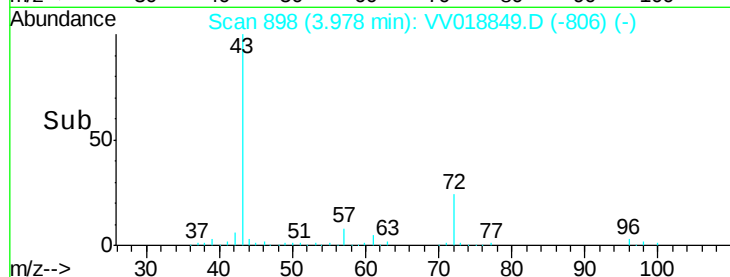
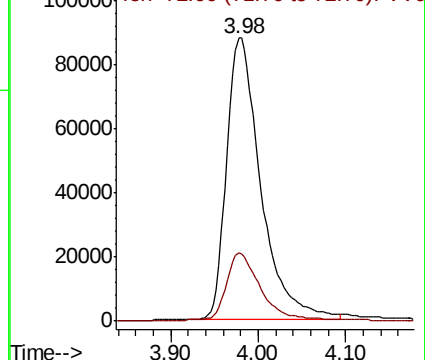
43 100

72 22.6 10.5 31.5



Abundance Ion 43.00 (42.70 to 43.70): VV018849.D (-896) (-)

Ion 72.00 (71.70 to 72.70): VV018849.D (-896) (-)



#23

Bromochloromethane

Concen: 49.025 ug/L

RT: 4.27 min Scan# 989

Delta R.T. 0.00 min

Lab File: VV018849.D

Acq: 12 Oct 2020 10:09

Tgt Ion:128 Resp: 71695

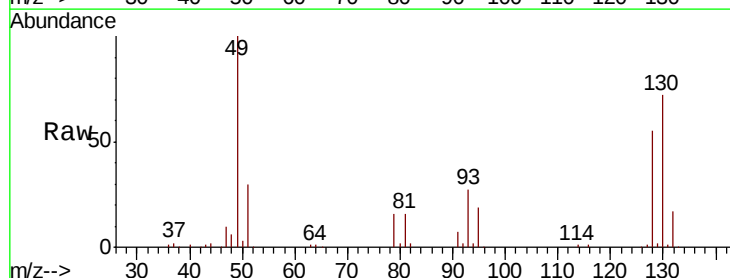
Ion Ratio Lower Upper

128 100

49 182.6 129.7 240.9

130 131.1 86.7 161.1

51 54.9 45.9 68.9

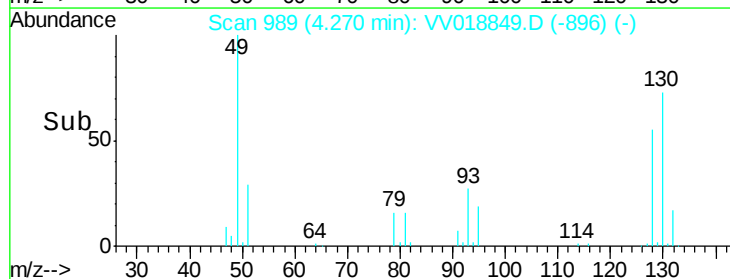
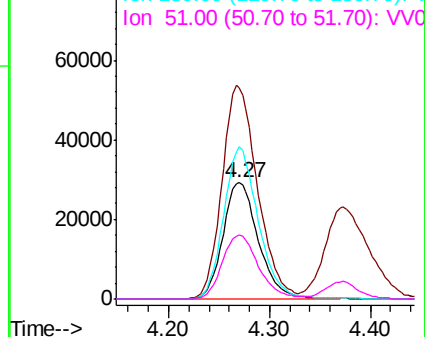


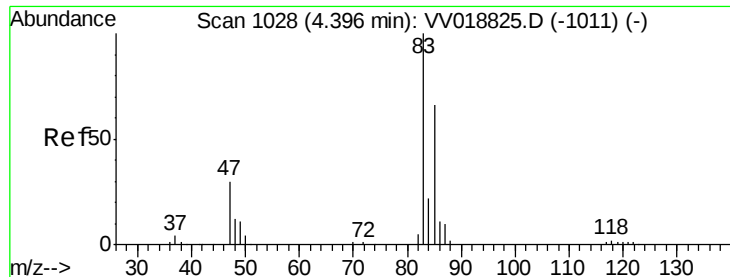
Abundance Ion 128.00 (127.70 to 128.70): VV018849.D (-896) (-)

Ion 49.00 (48.70 to 49.70): VV018849.D (-896) (-)

Ion 130.00 (129.70 to 130.70): VV018849.D (-896) (-)

Ion 51.00 (50.70 to 51.70): VV018849.D (-896) (-)

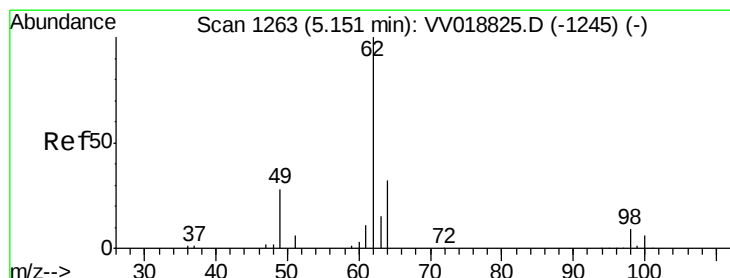
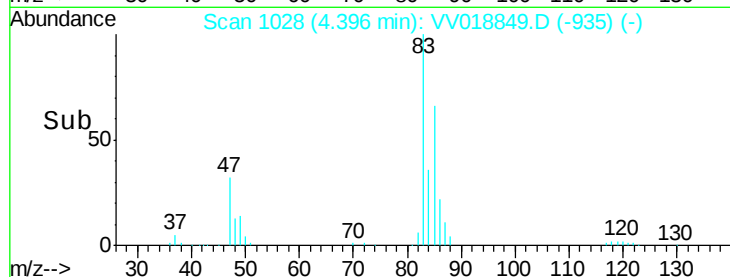
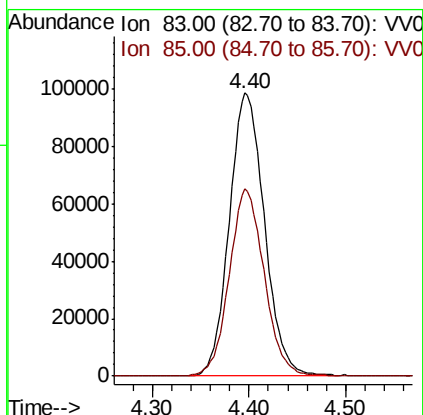
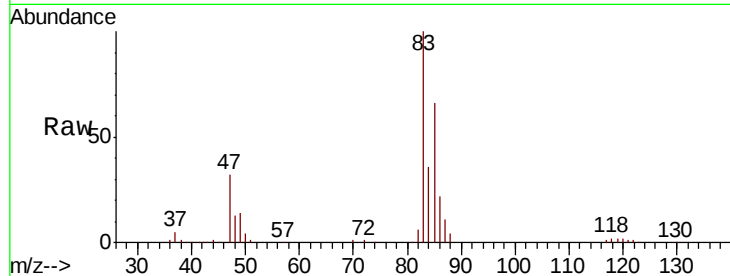




#25
 Chloroform
 Concen: 46.342 ug/L
 RT: 4.40 min Scan# 1028
 Delta R.T. 0.00 min
 Lab File: VV018849.D
 Acq: 12 Oct 2020 10:09

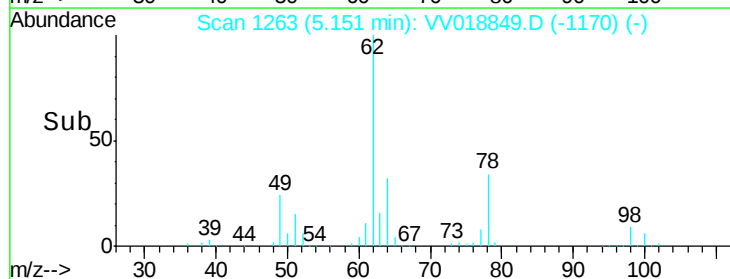
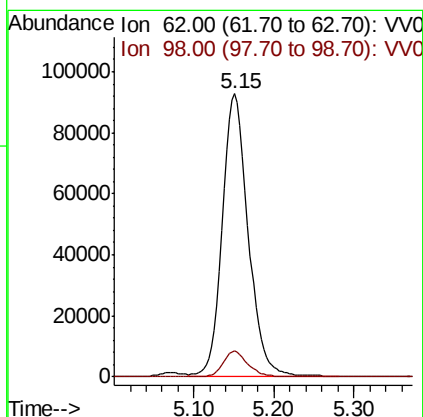
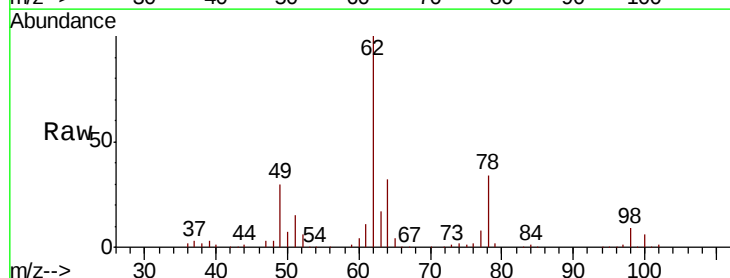
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05085

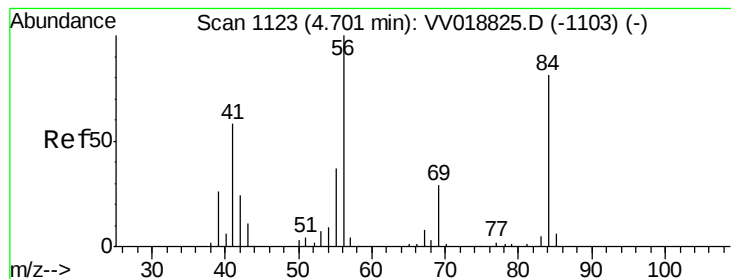
Tot Ion: 83 Resp: 249127
 Ion Ratio Lower Upper
 83 100
 85 66.3 45.0 83.6



#27
 1,2-Dichloroethane
 Concen: 47.232 ug/L
 RT: 5.15 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: VV018849.D
 Acq: 12 Oct 2020 10:09

Tgt Ion: 62 Resp: 206574
 Ion Ratio Lower Upper
 62 100
 98 9.2 6.6 10.0





#29

Cyclohexane

Concen: 49.981 ug/L

RT: 4.70 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VV018849.D

Acq: 12 Oct 2020 10:09

Instrument :

MSVOA_V

ClientSampleId :

VSTD05085

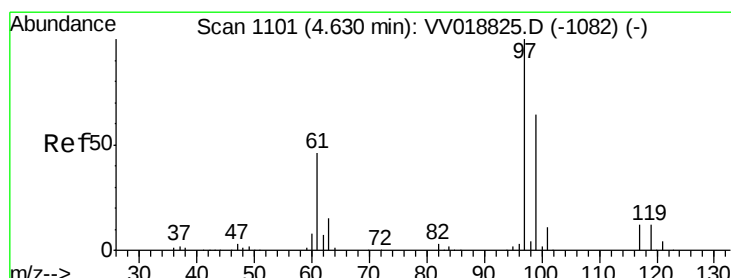
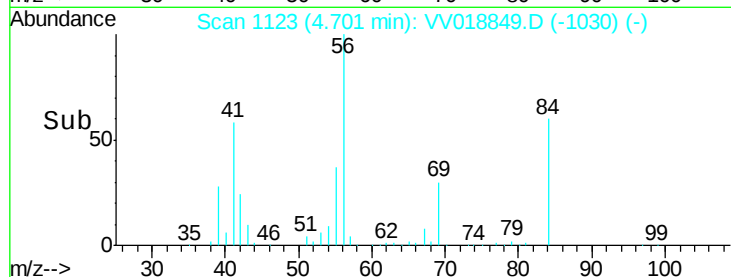
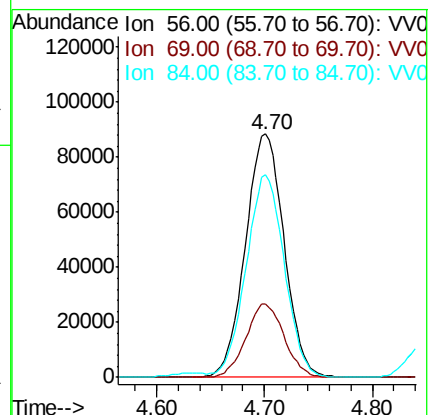
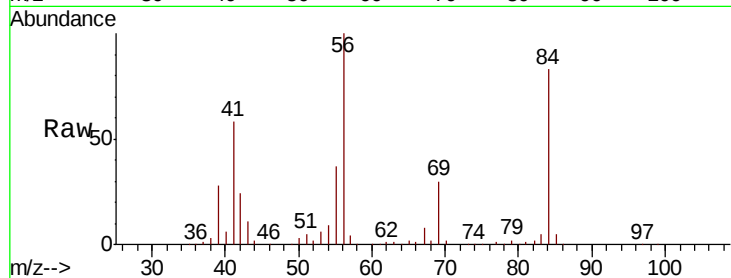
Tot Ion: 56 Resp: 220361

Ion Ratio Lower Upper

56 100

69 29.9 23.1 34.7

84 82.4 65.2 97.8



#30

1,1,1-Trichloroethane

Concen: 45.106 ug/L

RT: 4.63 min Scan# 1101

Delta R.T. 0.00 min

Lab File: VV018849.D

Acq: 12 Oct 2020 10:09

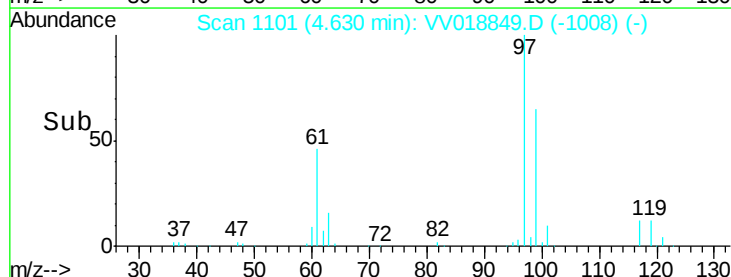
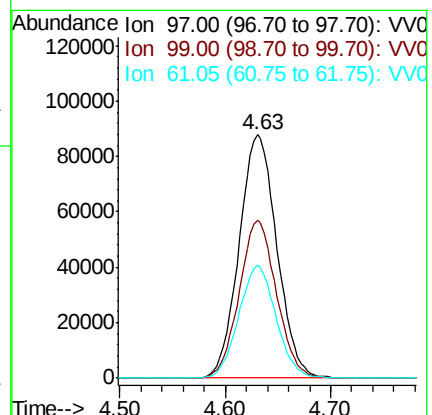
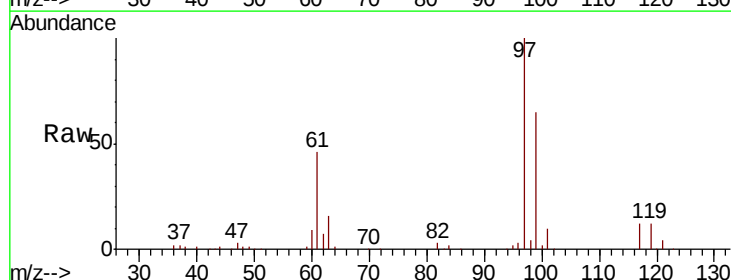
Tgt Ion: 97 Resp: 218863

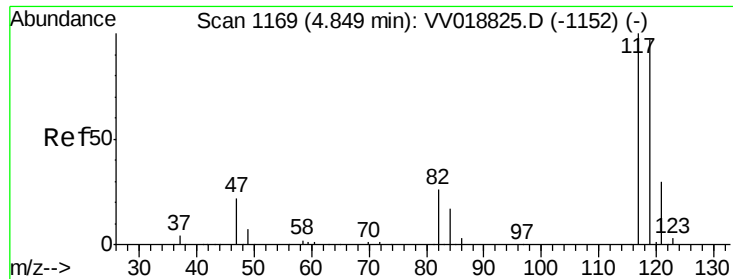
Ion Ratio Lower Upper

97 100

99 63.9 51.0 76.4

61 45.9 37.0 55.4





#31

Carbon tetrachloride

Concen: 47.508 ug/L

RT: 4.85 min Scan# 1170

Delta R.T. 0.00 min

Lab File: VV018849.D

Acq: 12 Oct 2020 10:09

Instrument :

MSVOA_V

ClientSampleId :

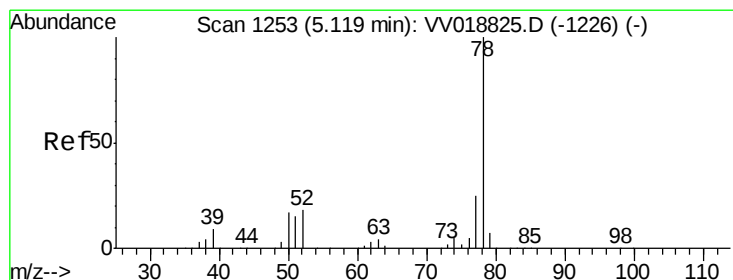
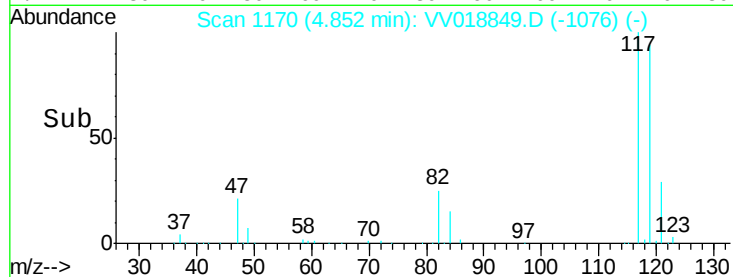
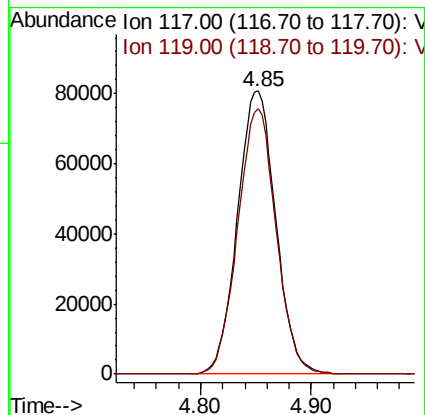
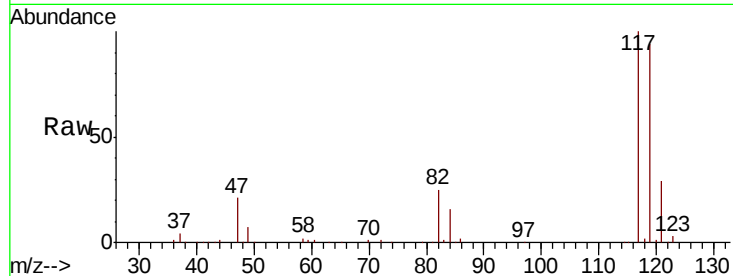
VSTD05085

Tot Ion:117 Resp: 194288

Ion Ratio Lower Upper

117 100

119 94.0 76.3 114.5



#33

Benzene

Concen: 47.026 ug/L

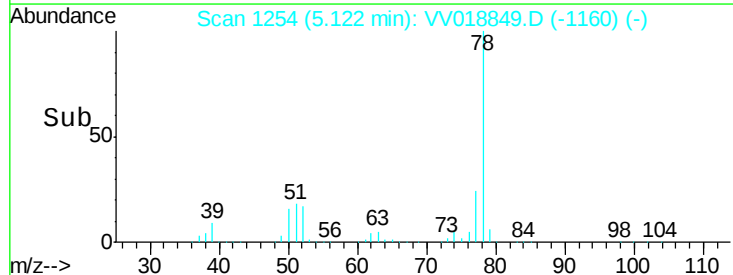
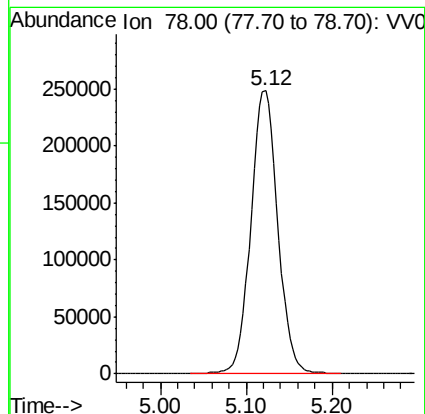
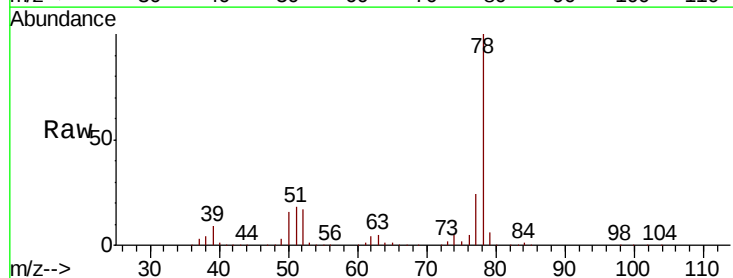
RT: 5.12 min Scan# 1254

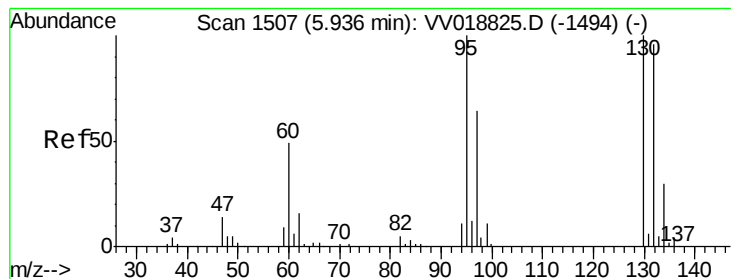
Delta R.T. 0.00 min

Lab File: VV018849.D

Acq: 12 Oct 2020 10:09

Tgt Ion: 78 Resp: 543155





#34

Trichloroethene

Concen: 44.856 ug/L

RT: 5.93 min Scan# 1506

Delta R.T. -0.00 min

Lab File: VV018849.D

Acq: 12 Oct 2020 10:09

Instrument :

MSVOA_V

ClientSampleId :

VSTD05085

Tot Ion: 95 Resp: 149110

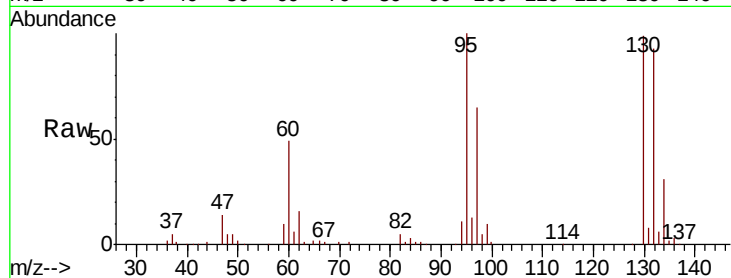
Ion Ratio Lower Upper

95 100

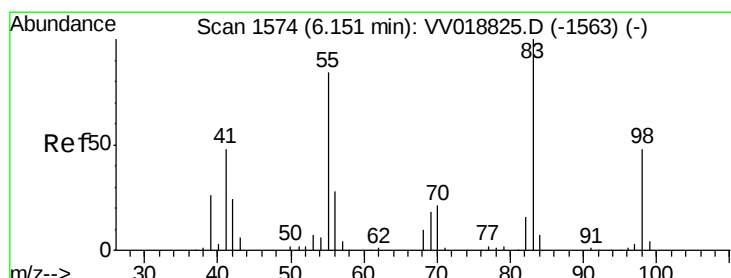
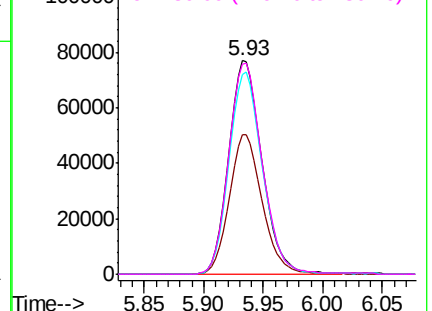
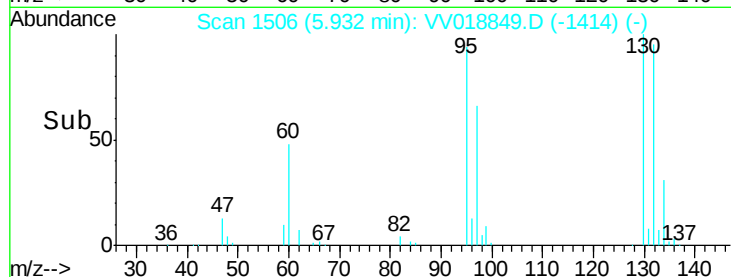
97 65.1 45.1 83.9

132 93.4 66.2 123.0

130 98.5 69.1 128.3



Abundance Ion 95.00 (94.70 to 95.70): VV018849.D (-1414) (-)



#35

Methylcyclohexane

Concen: 45.832 ug/L

RT: 6.15 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VV018849.D

Acq: 12 Oct 2020 10:09

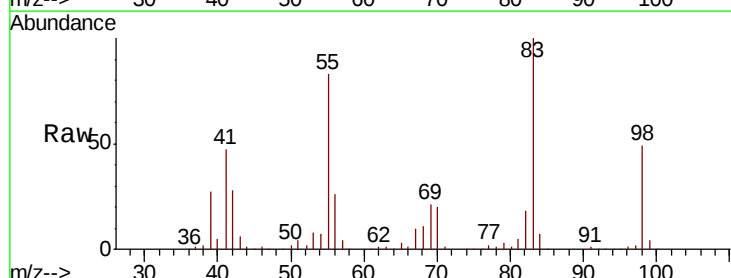
Tgt Ion: 83 Resp: 186424

Ion Ratio Lower Upper

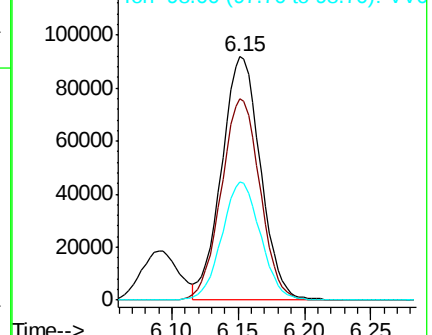
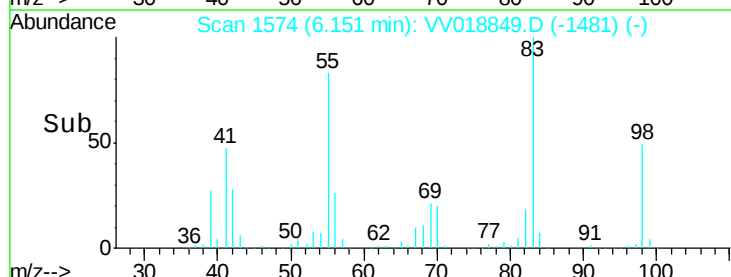
83 100

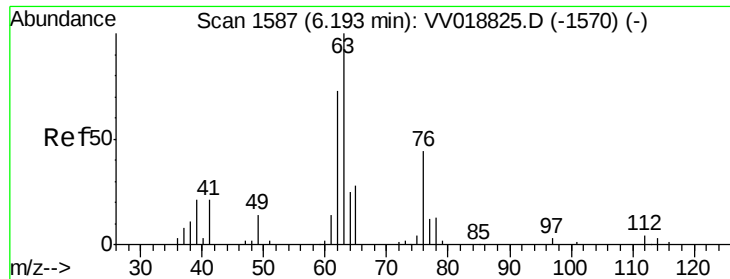
55 82.5 67.0 100.4

98 48.5 38.8 58.2



Abundance Ion 83.00 (82.70 to 83.70): VV018849.D (-1481) (-)





#37

1,2-Dichloropropane

Concen: 42.527 ug/L

RT: 6.19 min Scan# 1587

Delta R.T. 0.00 min

Lab File: VV018849.D

Acq: 12 Oct 2020 10:09

Instrument :

MSVOA_V

ClientSampleId :

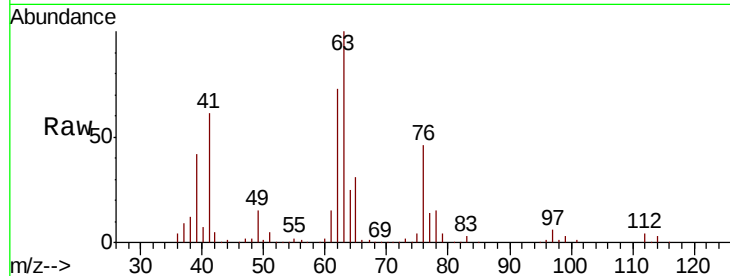
VSTD05085

Tot Ion: 63 Resp: 134924

Ion Ratio Lower Upper

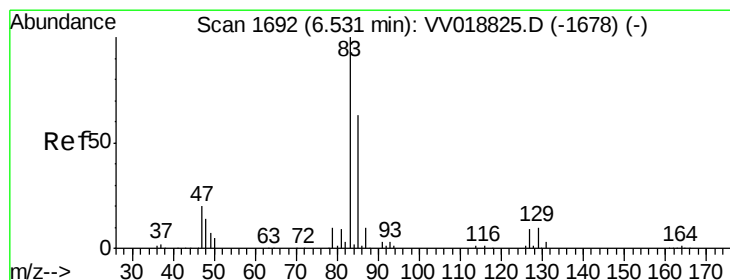
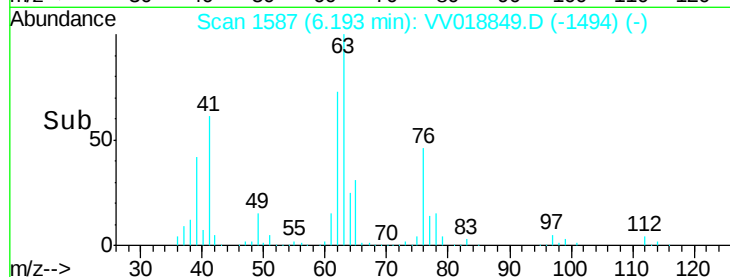
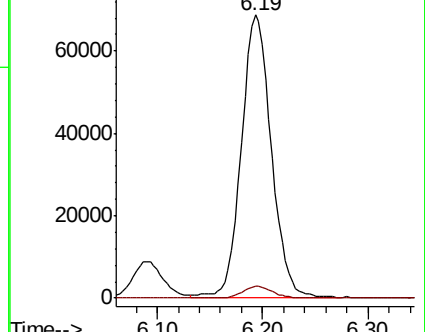
63 100

112 4.2 3.4 5.2



Abundance Ion 63.00 (62.70 to 63.70): VV018825.D (-1570) (-)

Ion 112.00 (111.70 to 112.70): VV018825.D (-1570) (-)



#38

Bromodichloromethane

Concen: 43.752 ug/L

RT: 6.53 min Scan# 1691

Delta R.T. -0.00 min

Lab File: VV018849.D

Acq: 12 Oct 2020 10:09

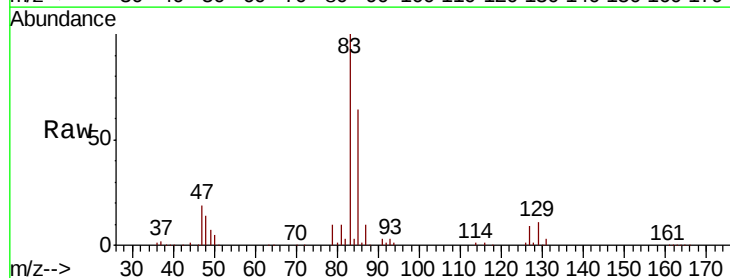
Tgt Ion: 83 Resp: 176287

Ion Ratio Lower Upper

83 100

85 64.5 45.1 83.7

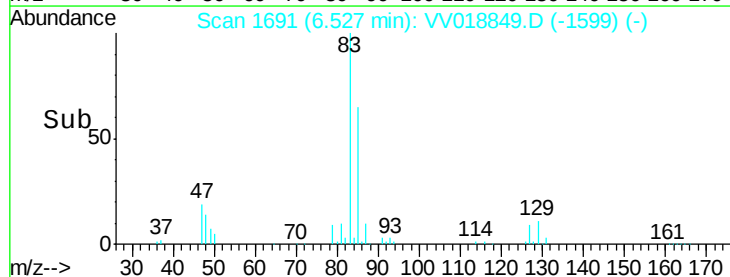
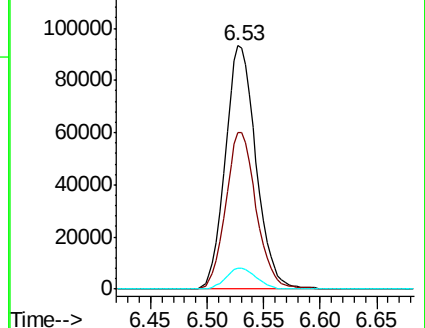
127 8.6 6.6 10.0

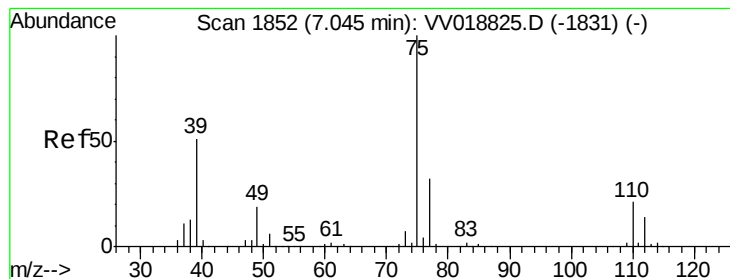


Abundance Ion 83.00 (82.70 to 83.70): VV018825.D (-1678) (-)

Ion 85.00 (84.70 to 85.70): VV018825.D (-1678) (-)

Ion 127.00 (126.70 to 127.70): VV018825.D (-1678) (-)



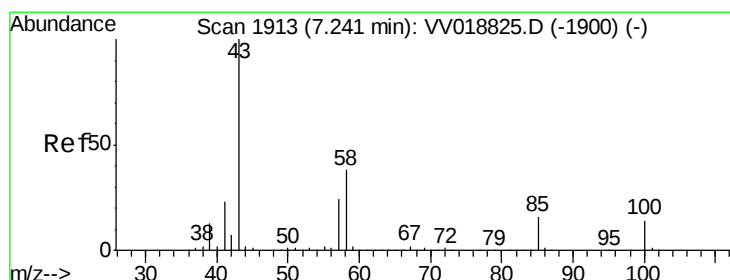
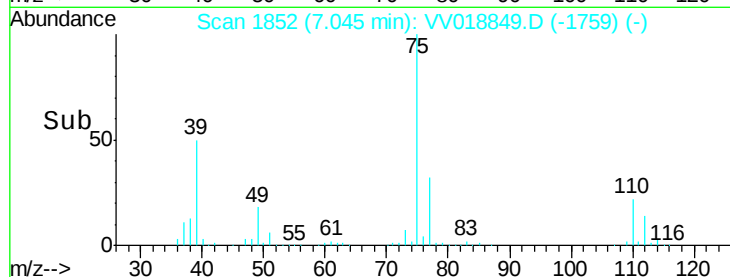
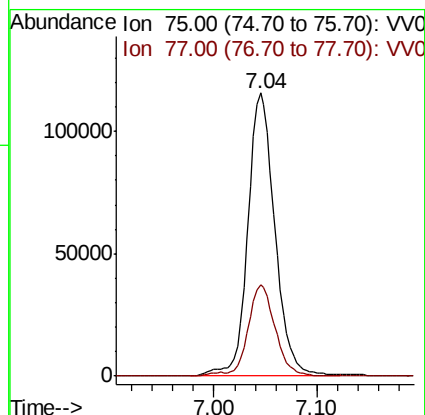
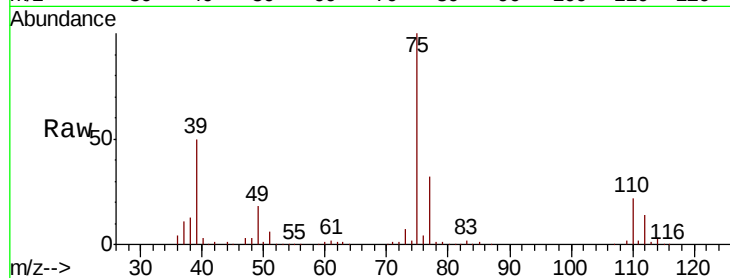


#39

cis-1,3-Dichloropropene
Concen: 47.103 ug/L
RT: 7.04 min Scan# 1852
Delta R.T. 0.00 min
Lab File: VV018849.D
Acq: 12 Oct 2020 10:09

Instrument :
MSVOA_V
ClientSampleId :
VSTD05085

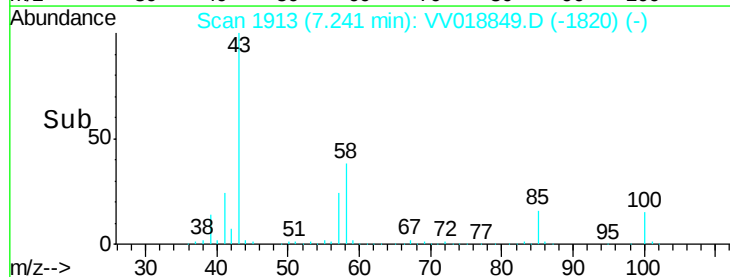
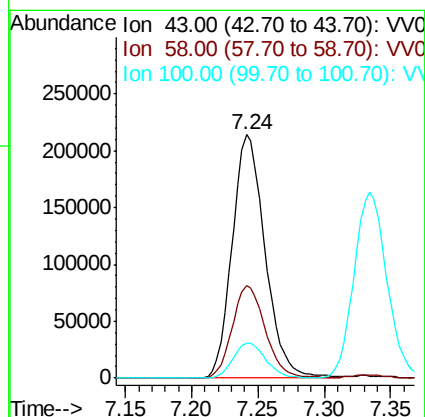
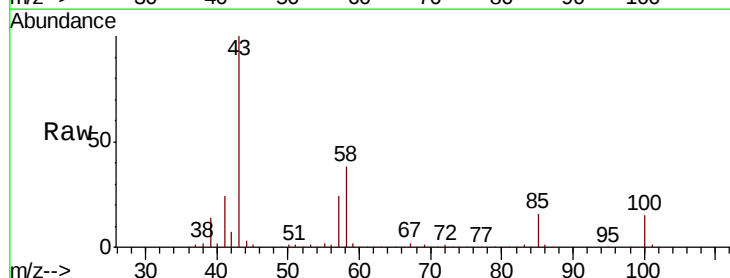
Tot Ion: 75 Resp: 211118
Ion Ratio Lower Upper
75 100
77 32.5 21.8 40.6

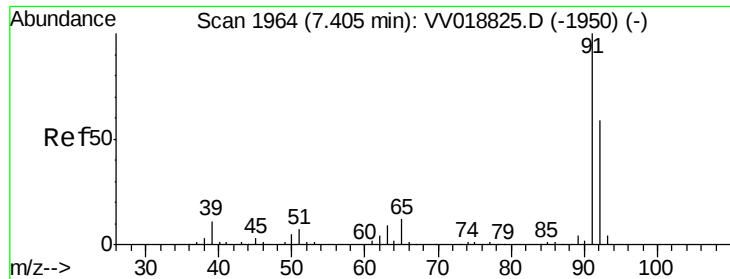


#40

4-Methyl-2-pentanone
Concen: 89.694 ug/L
RT: 7.24 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VV018849.D
Acq: 12 Oct 2020 10:09

Tgt Ion: 43 Resp: 369813
Ion Ratio Lower Upper
43 100
58 38.0 30.2 45.4
100 14.4 11.4 17.2





#42

Toluene

Concen: 45.632 ug/L

RT: 7.41 min Scan# 1964

Delta R.T. 0.00 min

Lab File: VV018849.D

Acq: 12 Oct 2020 10:09

Instrument :

MSVOA_V

ClientSampleId :

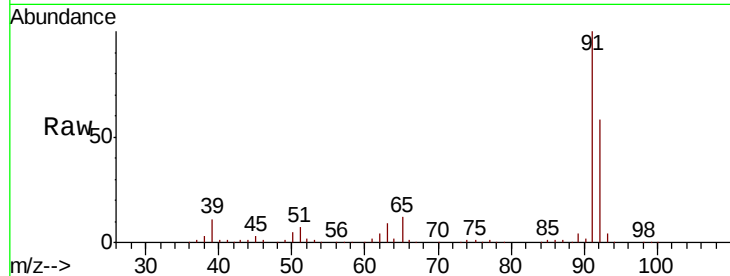
VSTD05085

Tot Ion: 91 Resp: 541357

Ion Ratio Lower Upper

91 100

92 57.7 39.8 74.0



Abundance Ion 91.00 (90.70 to 91.70): VV018825.D (-1950) (-)

Ion 92.00 (91.70 to 92.70): VV018849.D (-1871) (-)

7.41

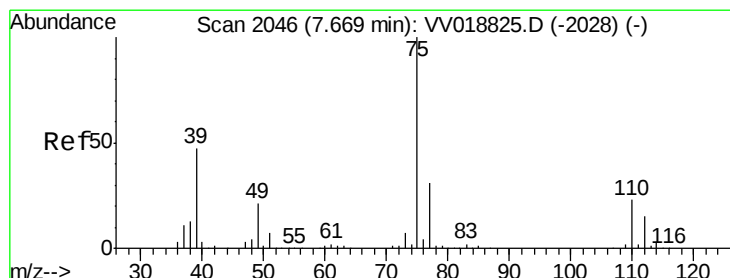
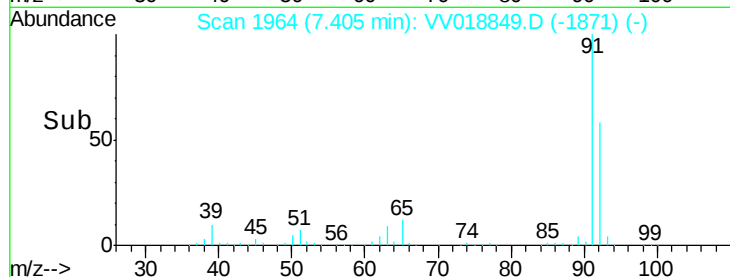
300000

200000

100000

0

Time-->



#44

trans-1,3-Dichloropropene

Concen: 45.618 ug/L

RT: 7.67 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VV018849.D

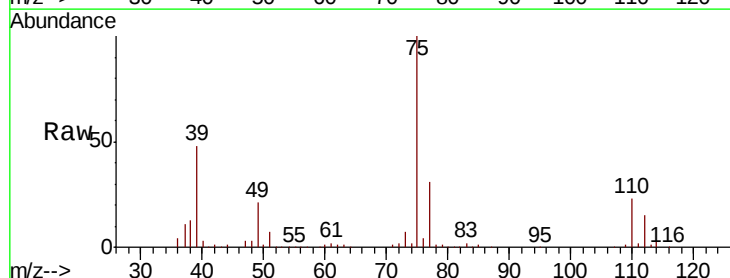
Acq: 12 Oct 2020 10:09

Tgt Ion: 75 Resp: 209522

Ion Ratio Lower Upper

75 100

77 30.9 21.8 40.6



Abundance Ion 75.00 (74.70 to 75.70): VV018825.D (-2028) (-)

Ion 77.00 (76.70 to 77.70): VV018849.D (-1953) (-)

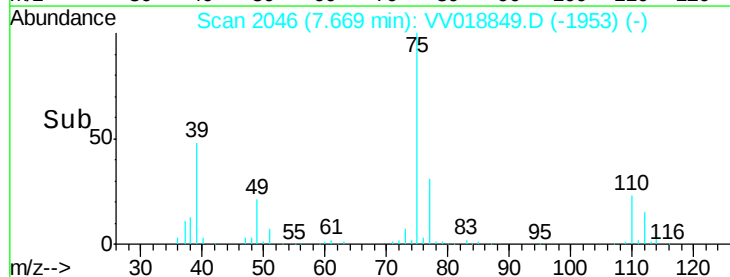
7.67

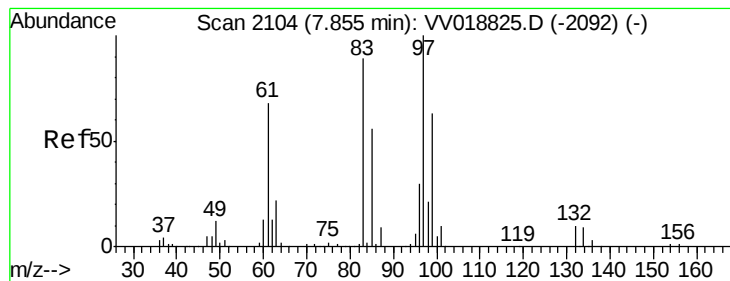
100000

50000

0

Time-->





#45

1,1,2-Trichloroethane

Concen: 43.135 ug/L

RT: 7.86 min Scan# 2105

Delta R.T. 0.00 min

Lab File: VV018849.D

Acq: 12 Oct 2020 10:09

Instrument :

MSVOA_V

ClientSampleId :

VSTD05085

Tot Ion: 97 Resp: 122914

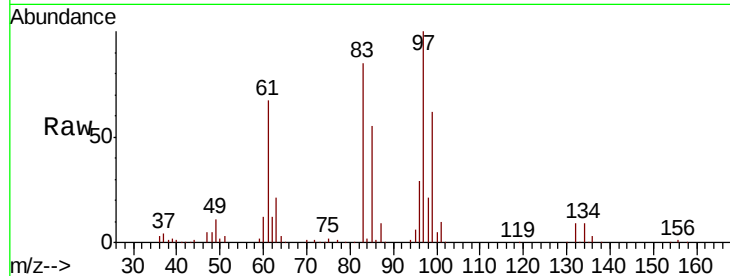
Ion Ratio Lower Upper

97 100

99 62.2 43.4 80.6

83 85.3 58.7 108.9

85 54.9 39.4 73.2

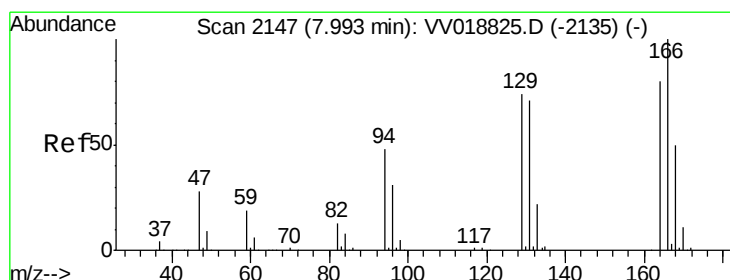
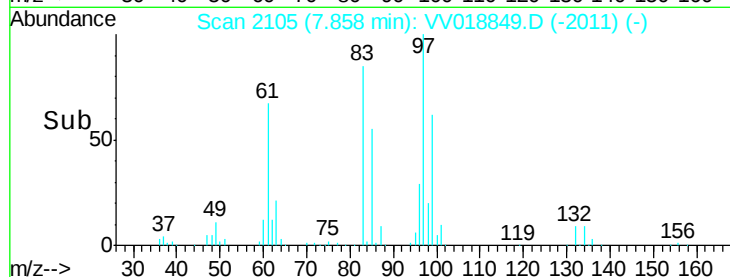
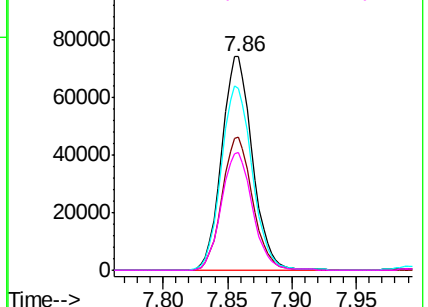


Abundance Ion 97.00 (96.70 to 97.70): VV0

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: 43.656 ug/L

RT: 7.99 min Scan# 2147

Delta R.T. 0.00 min

Lab File: VV018849.D

Acq: 12 Oct 2020 10:09

Tgt Ion: 164 Resp: 106356

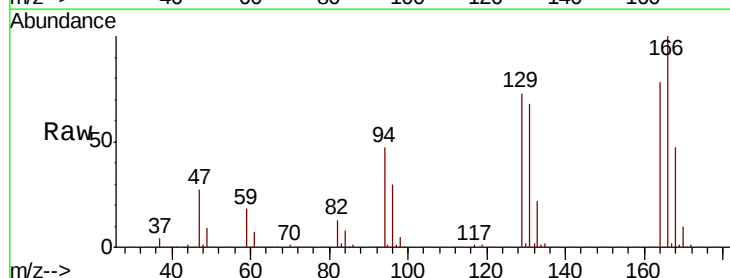
Ion Ratio Lower Upper

164 100

129 93.7 64.6 120.0

131 87.4 63.6 118.0

166 128.2 88.3 164.1

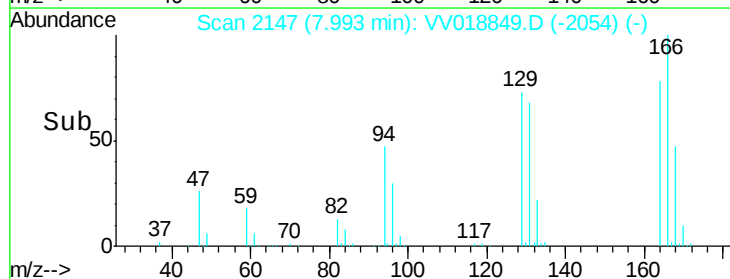
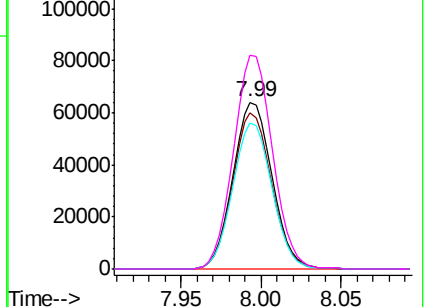


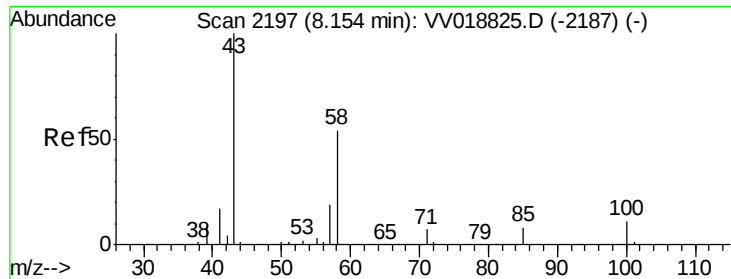
Abundance Ion 164.00 (163.70 to 164.70): V

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

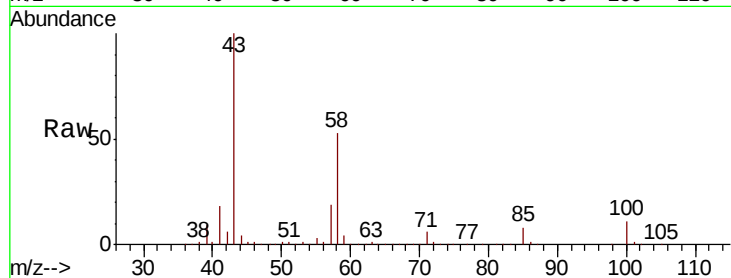




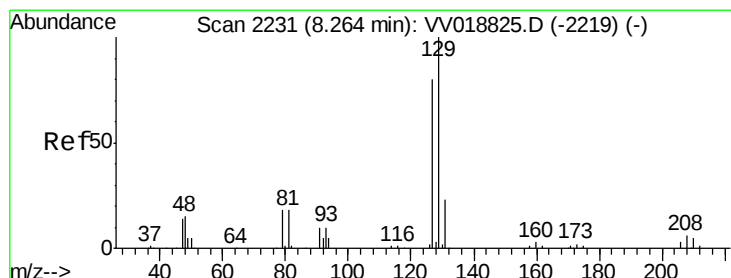
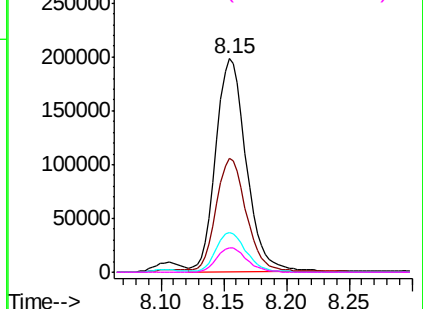
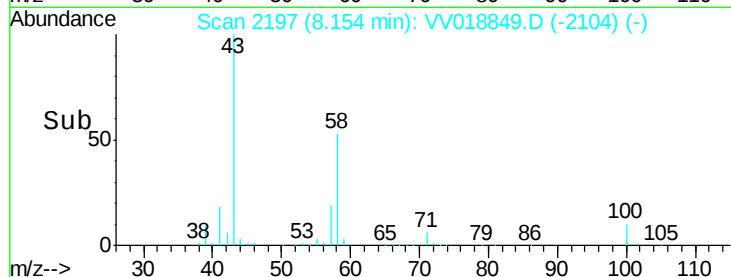
#48
2-Hexanone
Concen: 102.175 ug/L
RT: 8.15 min Scan# 2197
Delta R.T. 0.00 min
Lab File: VV018849.D
Acq: 12 Oct 2020 10:09

Instrument :
MSVOA_V
ClientSampleId :
VSTD05085

Tot Ion: 43 Resp: 332558
Ion Ratio Lower Upper
43 100
58 53.4 41.8 62.8
57 18.3 14.9 22.3
100 11.6 9.2 13.8

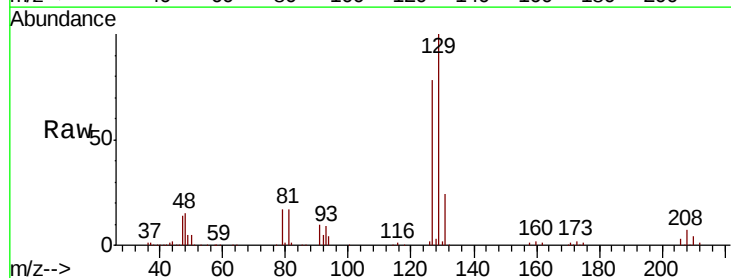


Abundance Ion 43.00 (42.70 to 43.70): VV018849.D (-2104) (-)
Ion 58.00 (57.70 to 58.70): VV018849.D (-2104) (-)
Ion 57.00 (56.70 to 57.70): VV018849.D (-2104) (-)
Ion 100.00 (99.70 to 100.70): VV018849.D (-2104) (-)

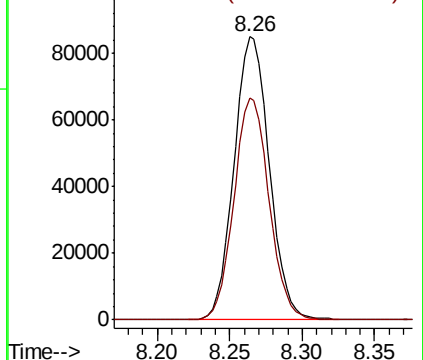
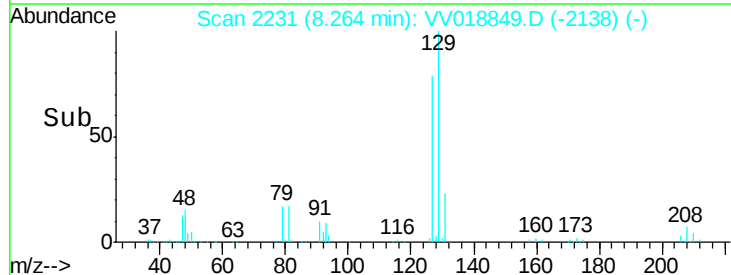


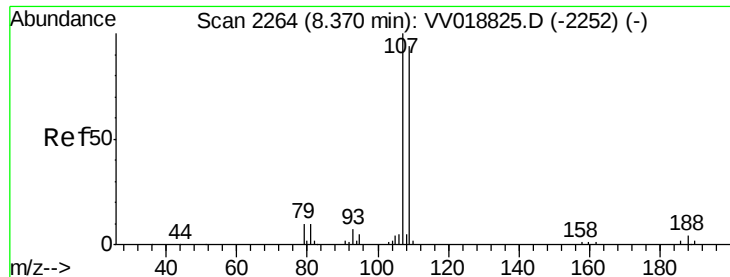
#49
Dibromochloromethane
Concen: 46.149 ug/L
RT: 8.26 min Scan# 2231
Delta R.T. 0.00 min
Lab File: VV018849.D
Acq: 12 Oct 2020 10:09

Tgt Ion: 129 Resp: 143731
Ion Ratio Lower Upper
129 100
127 78.3 55.3 102.7



Abundance Ion 129.00 (128.70 to 129.70): VV018849.D (-2138) (-)
Ion 127.00 (126.70 to 127.70): VV018849.D (-2138) (-)

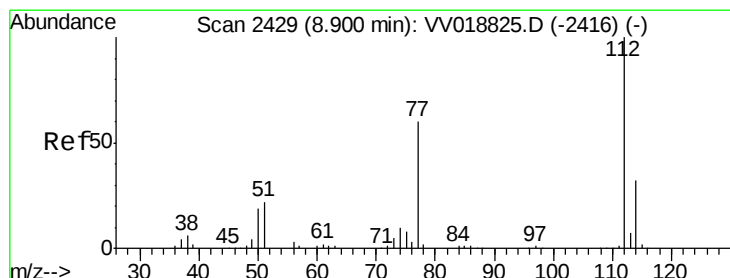
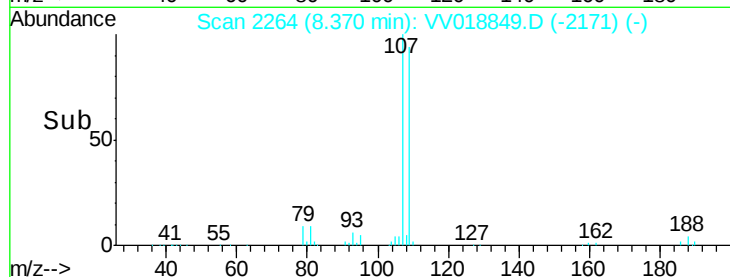
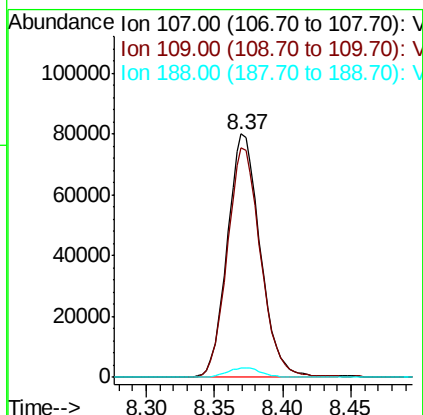
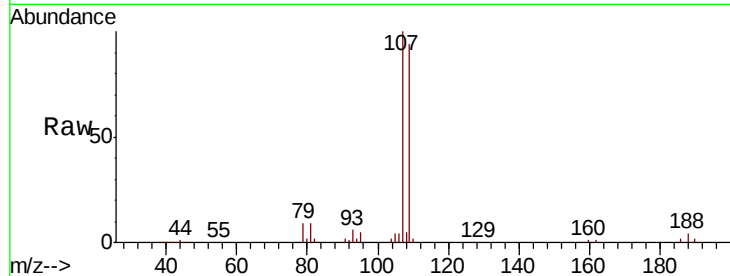




#50
1,2-Dibromoethane
Concen: 46.116 ug/L
RT: 8.37 min Scan# 2264
Delta R.T. 0.00 min
Lab File: VV018849.D
Acq: 12 Oct 2020 10:09

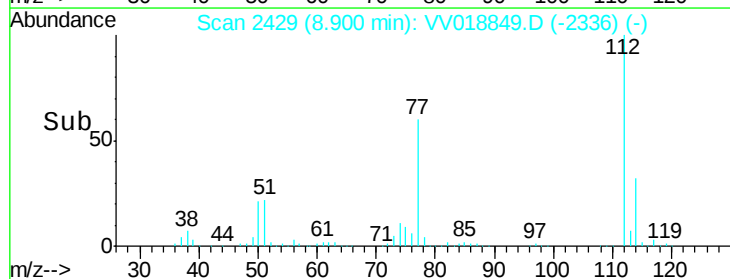
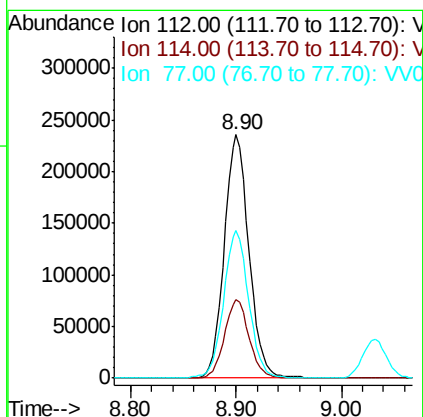
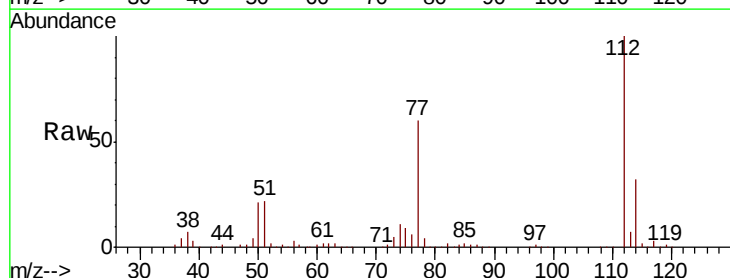
Instrument :
MSVOA_V
ClientSampleId :
VSTD05085

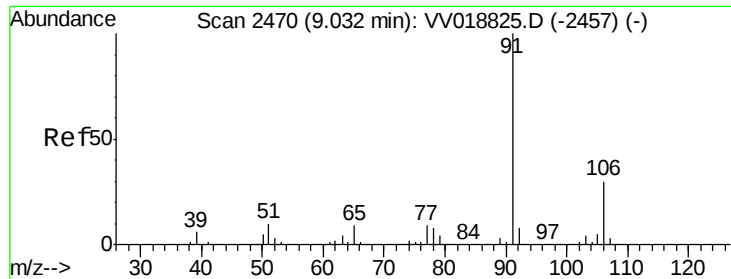
Tot Ion:107 Resp: 134399
Ion Ratio Lower Upper
107 100
109 94.3 66.4 123.2
188 3.8 3.1 4.7



#51
Chlorobenzene
Concen: 48.377 ug/L
RT: 8.90 min Scan# 2429
Delta R.T. 0.00 min
Lab File: VV018849.D
Acq: 12 Oct 2020 10:09

Tgt Ion:112 Resp: 380915
Ion Ratio Lower Upper
112 100
114 32.3 22.0 41.0
77 60.4 49.8 74.6





#52

Ethylbenzene

Concen: 48.757 ug/L

RT: 9.03 min Scan# 2470

Delta R.T. 0.00 min

Lab File: VV018849.D

Acq: 12 Oct 2020 10:09

Instrument :

MSVOA_V

ClientSampleId :

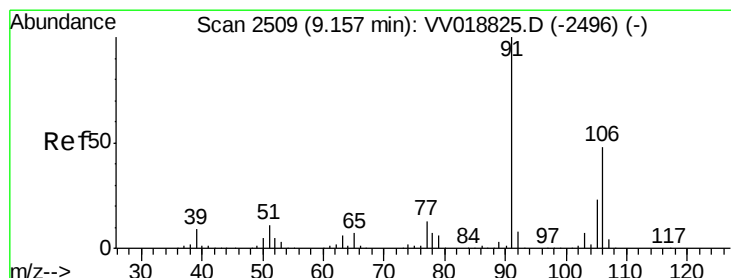
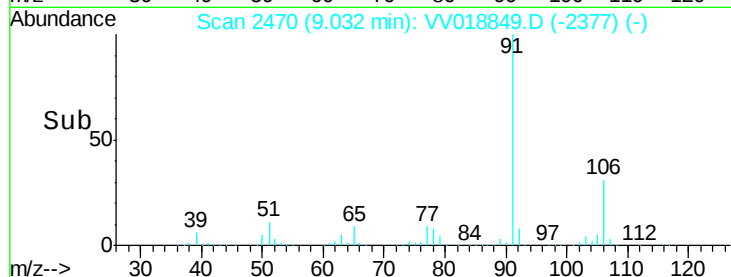
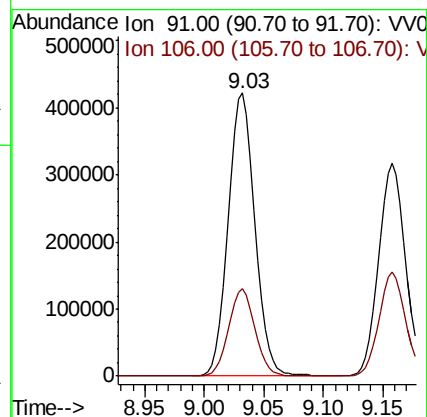
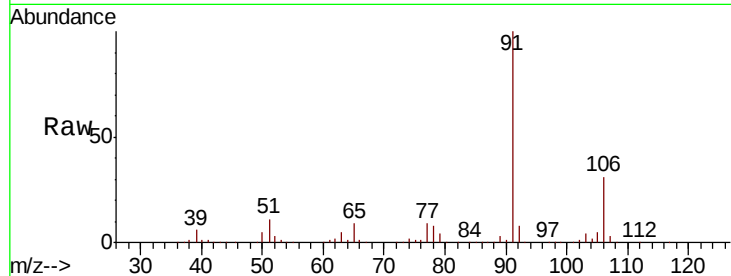
VSTD05085

Tot Ion: 91 Resp: 656862

Ion Ratio Lower Upper

91 100

106 30.8 20.9 38.9



#53

m,p-Xylene

Concen: 48.259 ug/L

RT: 9.16 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VV018849.D

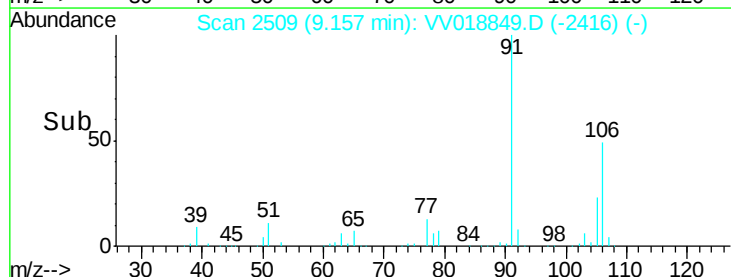
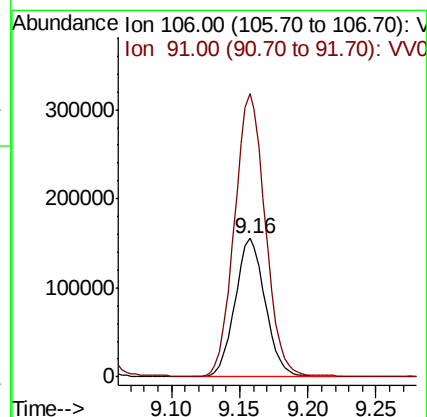
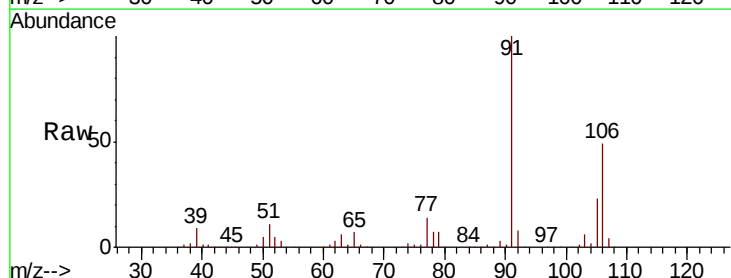
Acq: 12 Oct 2020 10:09

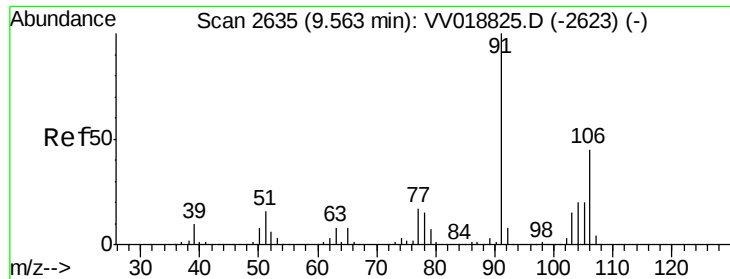
Tgt Ion: 106 Resp: 238651

Ion Ratio Lower Upper

106 100

91 204.9 147.1 273.1

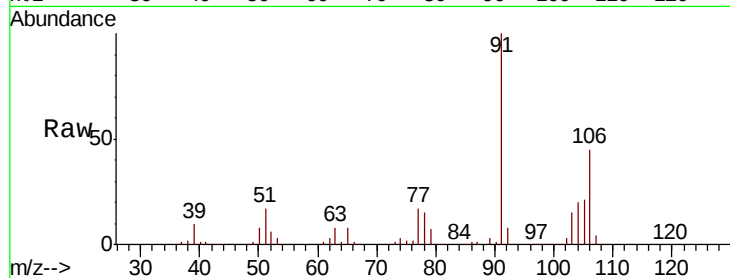




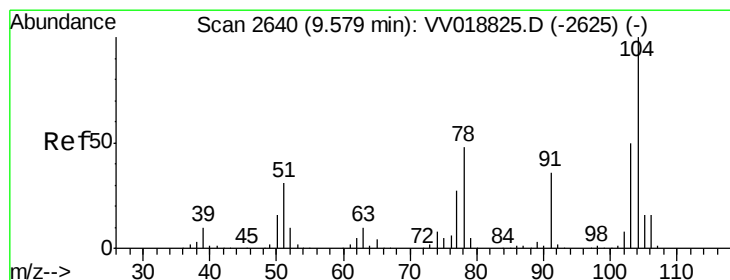
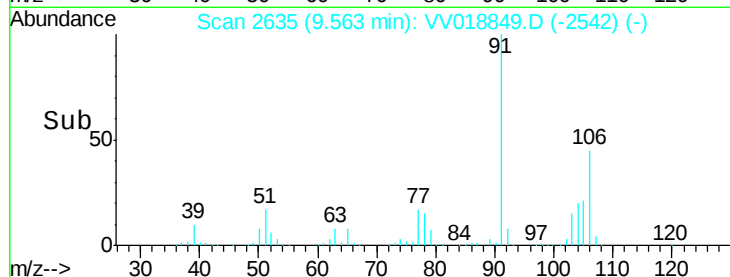
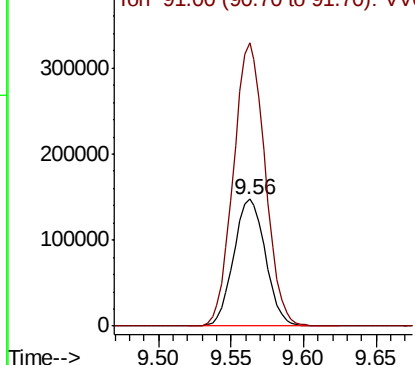
#54
o-xylene
Concen: 47.873 ug/L
RT: 9.56 min Scan# 2635
Delta R.T. 0.00 min
Lab File: VV018849.D
Acq: 12 Oct 2020 10:09

Instrument :
MSVOA_V
ClientSampleId :
VSTD05085

Tot Ion:106 Resp: 224851
Ion Ratio Lower Upper
106 100
91 223.0 156.8 291.2

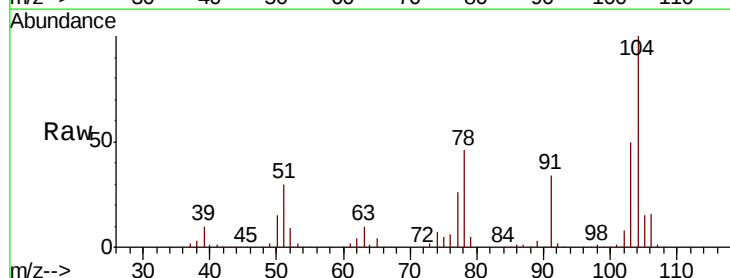


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VV0

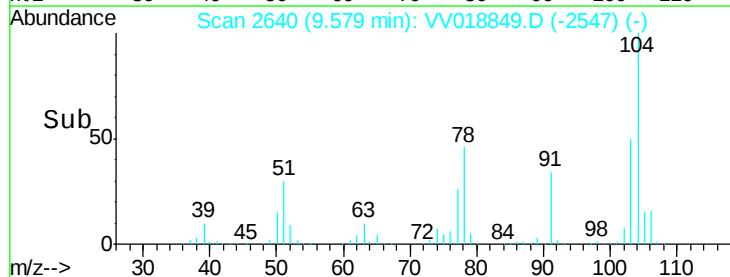
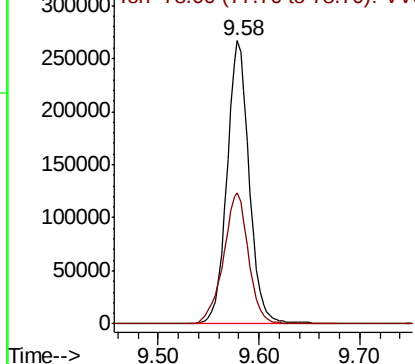


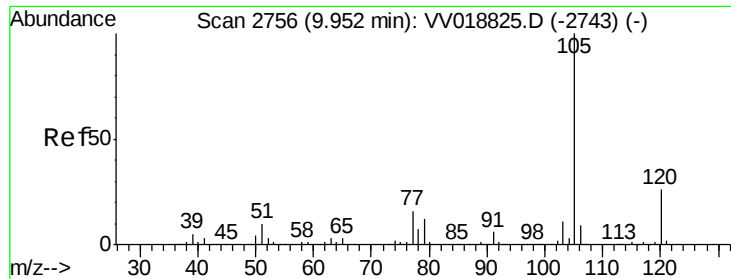
#55
Styrene
Concen: 49.439 ug/L
RT: 9.58 min Scan# 2640
Delta R.T. 0.00 min
Lab File: VV018849.D
Acq: 12 Oct 2020 10:09

Tgt Ion:104 Resp: 410996
Ion Ratio Lower Upper
104 100
78 46.3 33.5 62.3



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





#56

Isopropylbenzene

Concen: 47.175 ug/L

RT: 9.95 min Scan# 2756

Delta R.T. 0.00 min

Lab File: VV018849.D

Acq: 12 Oct 2020 10:09

Instrument :

MSVOA_V

ClientSampled :

VSTD05085

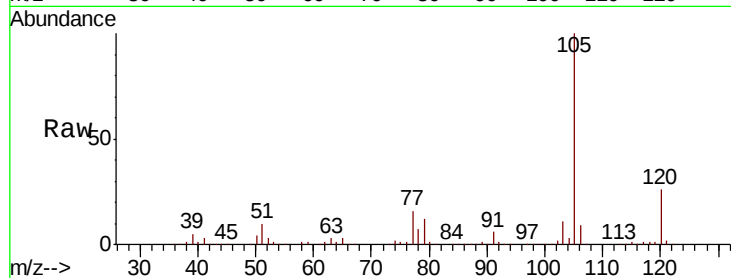
Tot Ion:105 Resp: 613079

Ion Ratio Lower Upper

105 100

120 25.6 20.4 30.6

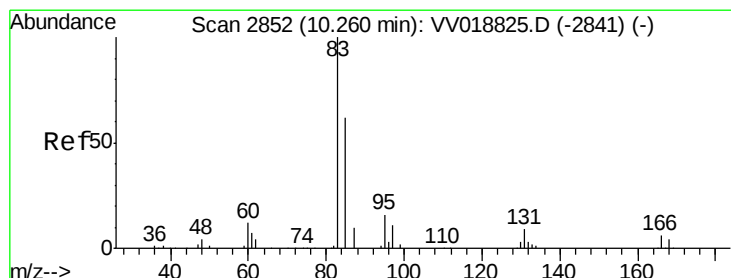
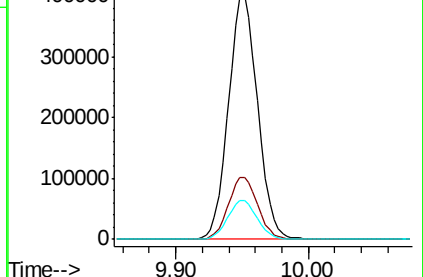
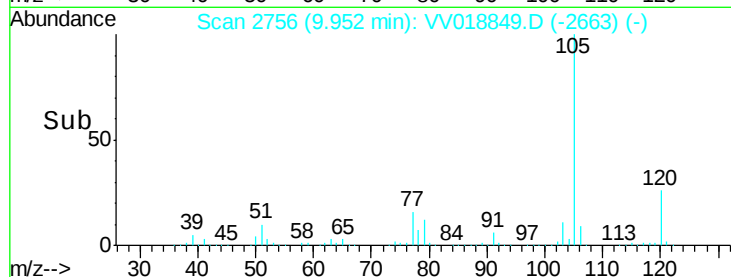
77 16.1 13.0 19.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



#58

1,1,2,2-Tetrachloroethane

Concen: 45.093 ug/L

RT: 10.26 min Scan# 2852

Delta R.T. 0.00 min

Lab File: VV018849.D

Acq: 12 Oct 2020 10:09

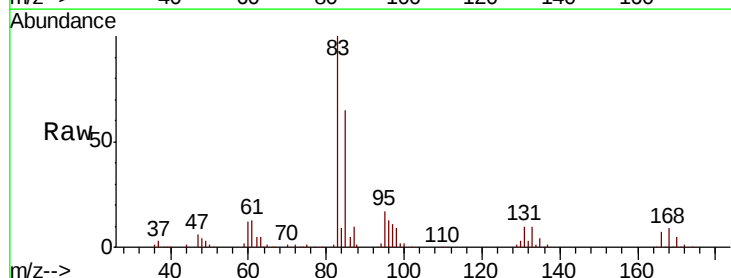
Tgt Ion: 83 Resp: 179237

Ion Ratio Lower Upper

83 100

85 65.1 44.5 82.7

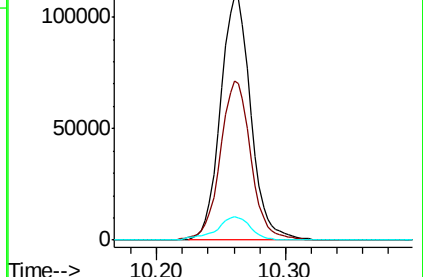
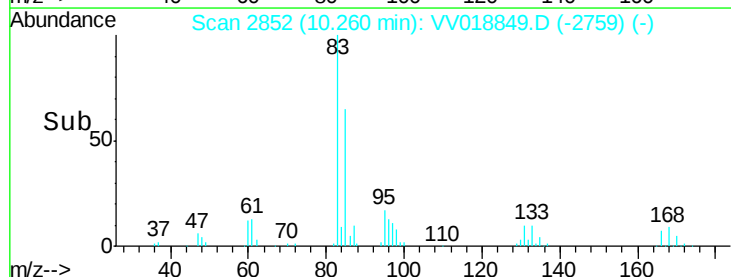
131 9.5 8.0 12.0

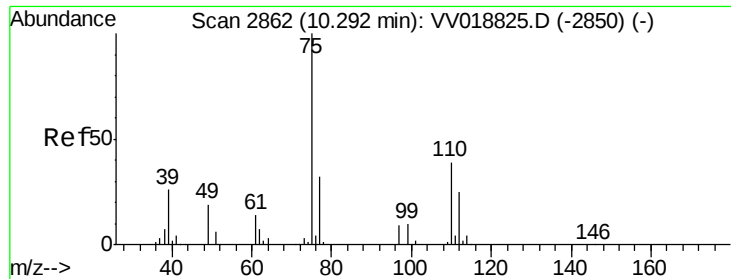


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

Ion 131.00 (130.70 to 131.70): V

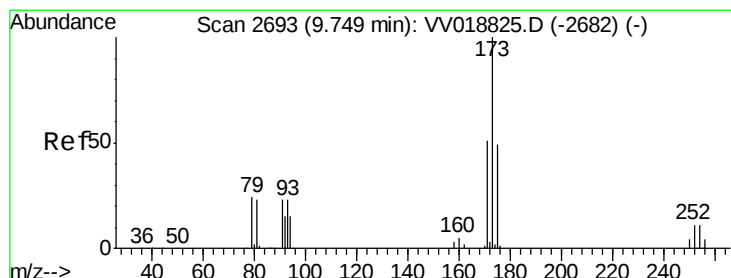
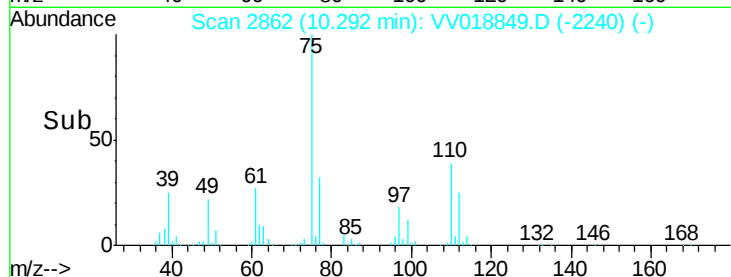
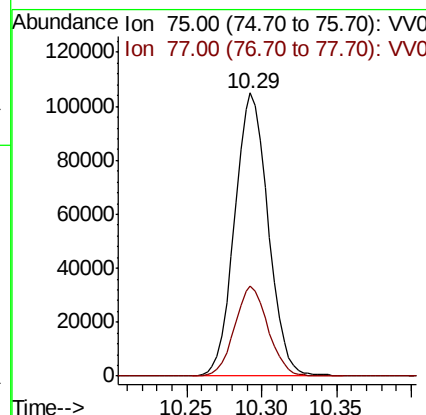
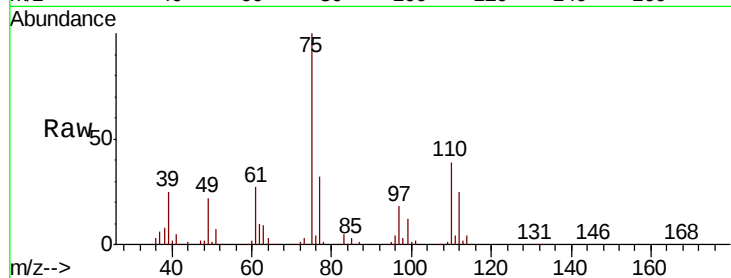




#59
 1,2,3-Trichloropropane
 Concen: 43.391 ug/L
 RT: 10.29 min Scan# 2862
 Delta R.T. 0.00 min
 Lab File: VV018849.D
 Acq: 12 Oct 2020 10:09

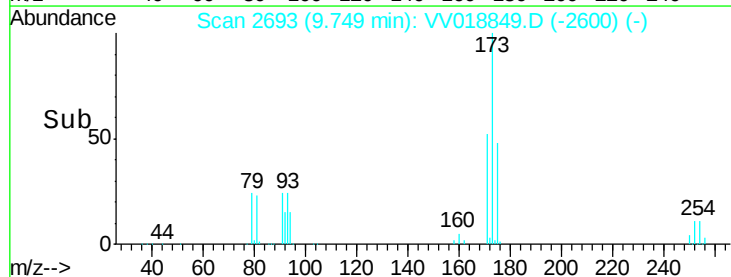
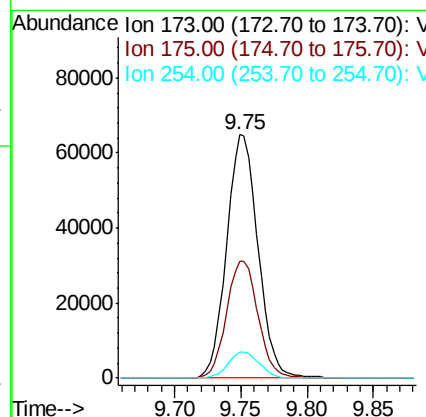
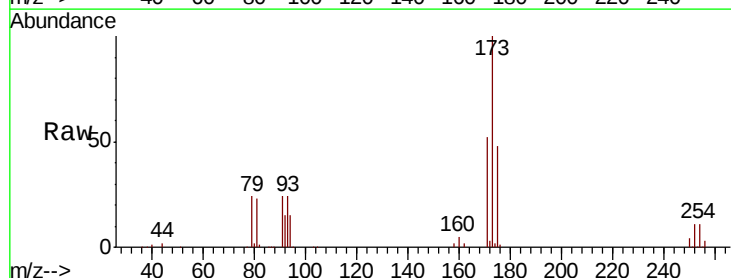
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05085

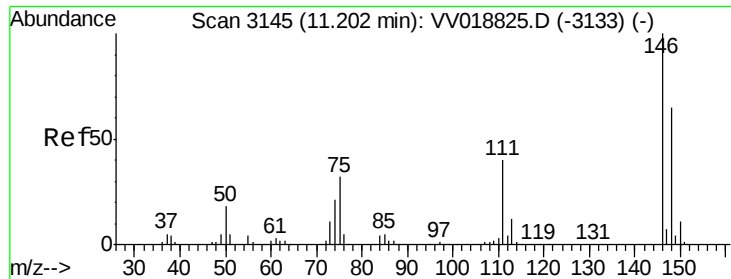
Tot Ion: 75 Resp: 163808
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.9 38.9



#61
 Bromoform
 Concen: 52.176 ug/L
 RT: 9.75 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VV018849.D
 Acq: 12 Oct 2020 10:09

Tgt Ion: 173 Resp: 106683
 Ion Ratio Lower Upper
 173 100
 175 48.4 38.7 58.1
 254 10.7 8.2 12.4

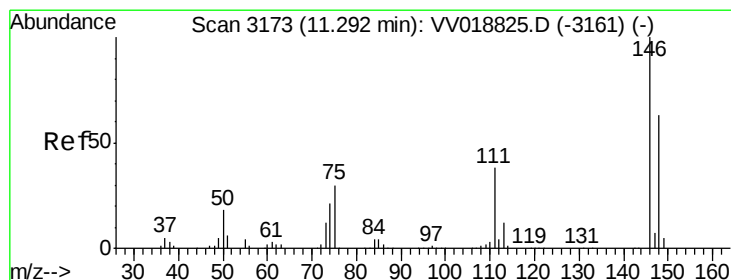
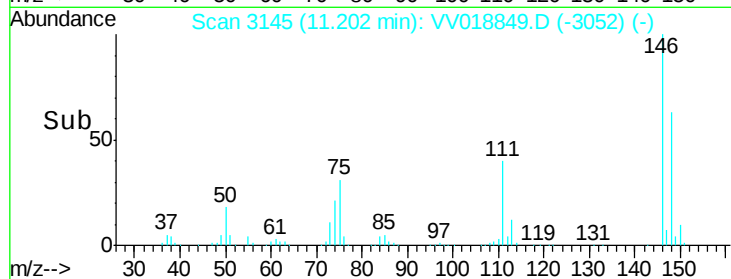
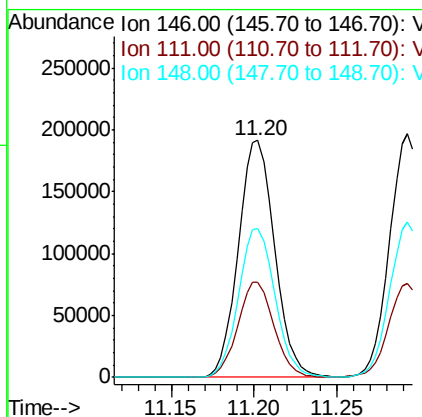
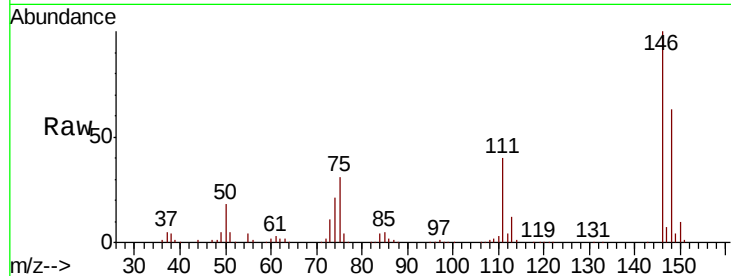




#62
 1,3-Dichlorobenzene
 Concen: 48.651 ug/L
 RT: 11.20 min Scan# 3145
 Delta R.T. 0.00 min
 Lab File: VV018849.D
 Acq: 12 Oct 2020 10:09

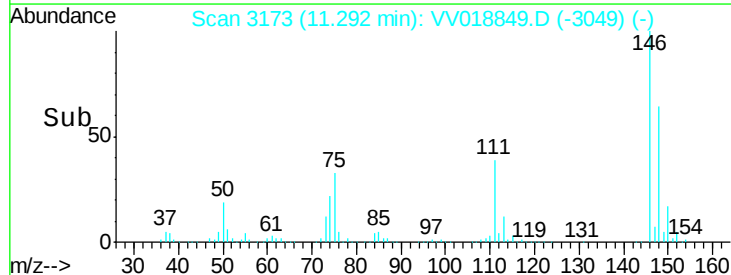
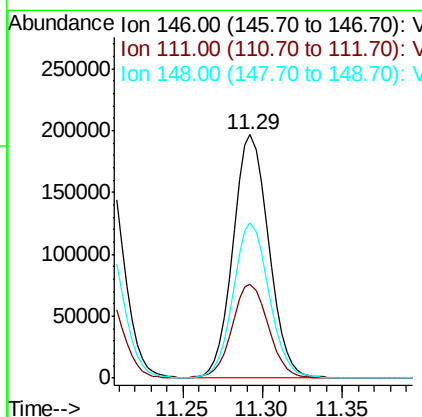
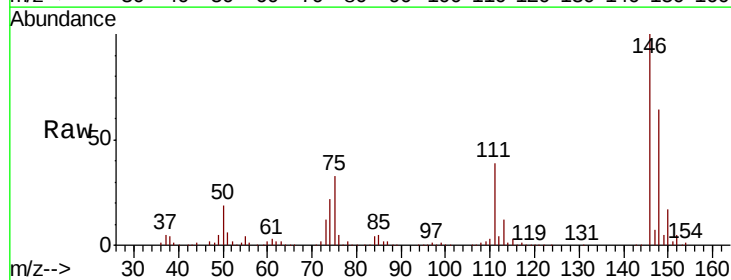
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05085

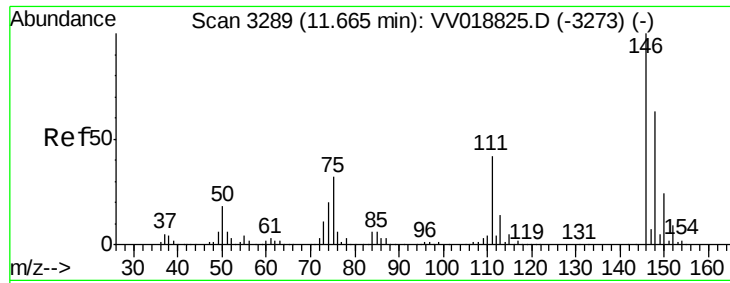
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	27.8	51.6
148	62.8	45.4	84.4



#63
 1,4-Dichlorobenzene
 Concen: 47.550 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. 0.00 min
 Lab File: VV018849.D
 Acq: 12 Oct 2020 10:09

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	27.1	50.3
148	63.6	45.4	84.4





#65

1,2-Dichlorobenzene

Concen: 45.744 ug/L

RT: 11.66 min Scan# 3288

Delta R.T. -0.00 min

Lab File: VV018849.D

Acq: 12 Oct 2020 10:09

Instrument :

MSVOA_V

ClientSampleId :

VSTD05085

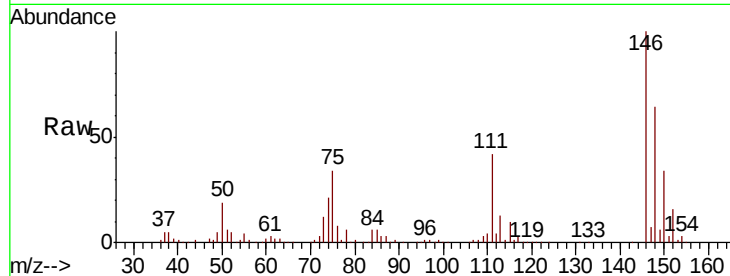
Tot Ion:146 Resp: 275916

Ion Ratio Lower Upper

146 100

111 41.6 33.8 50.6

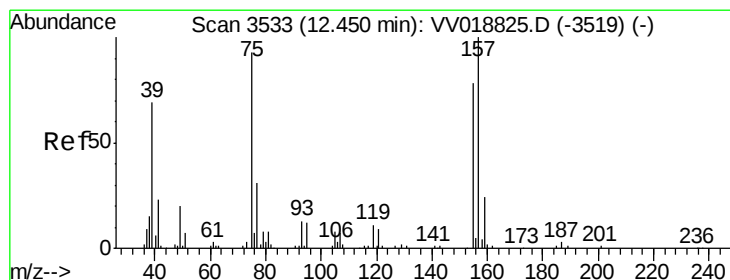
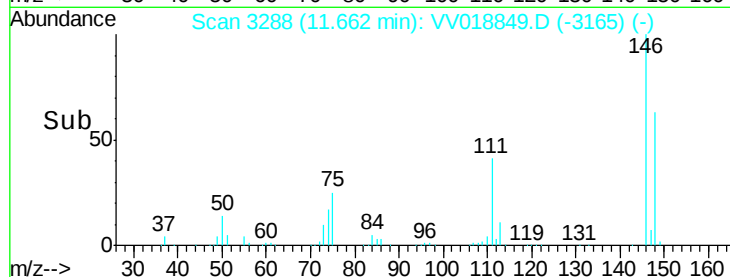
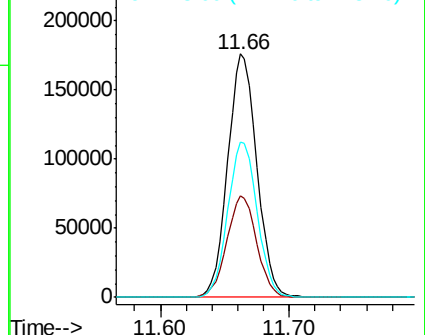
148 63.7 50.3 75.5



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: 47.046 ug/L

RT: 12.45 min Scan# 3533

Delta R.T. 0.00 min

Lab File: VV018849.D

Acq: 12 Oct 2020 10:09

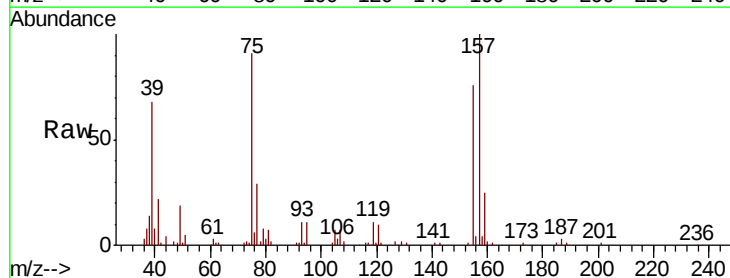
Tgt Ion: 75 Resp: 39144

Ion Ratio Lower Upper

75 100

155 83.1 65.8 98.8

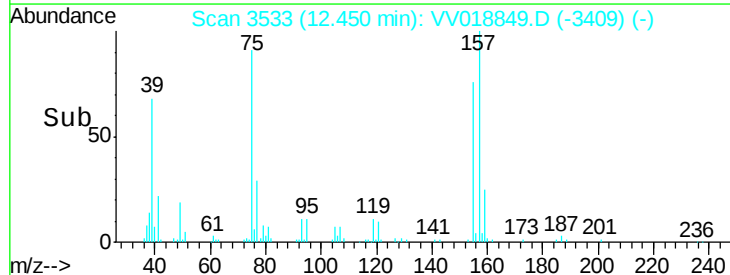
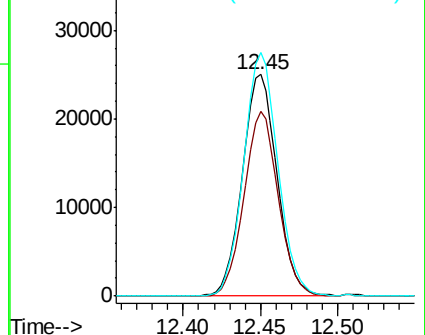
157 109.8 83.0 124.6

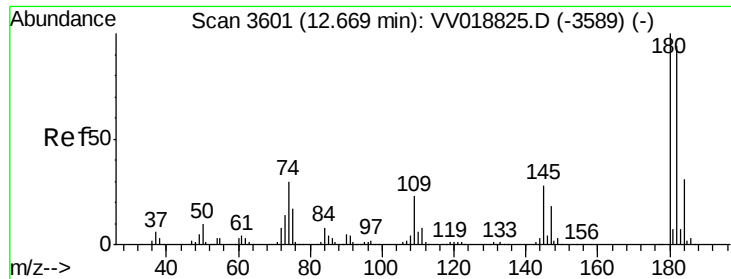


Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

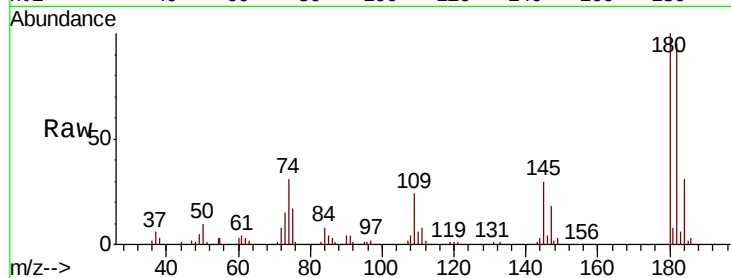




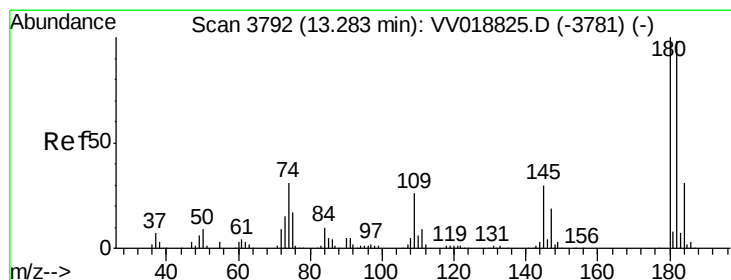
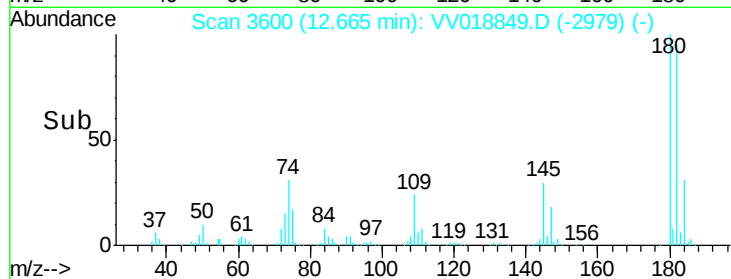
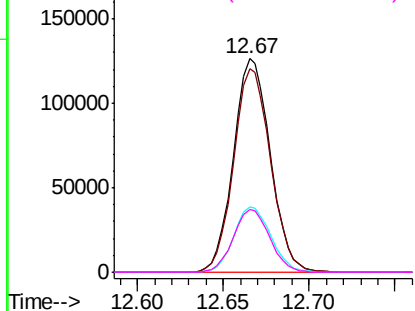
#67
 1,3,5-Trichlorobenzene
 Concen: 48.576 ug/L
 RT: 12.67 min Scan# 3600
 Delta R.T. -0.00 min
 Lab File: VV018849.D
 Acq: 12 Oct 2020 10:09

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05085

Tot Ion:180	Resp:	189034
Ion Ratio	Lower	Upper
180	100	
182	95.7	77.0 115.6
184	30.8	24.6 37.0
145	29.2	23.4 35.0

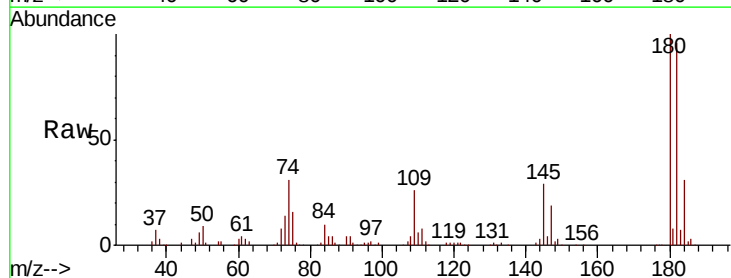


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

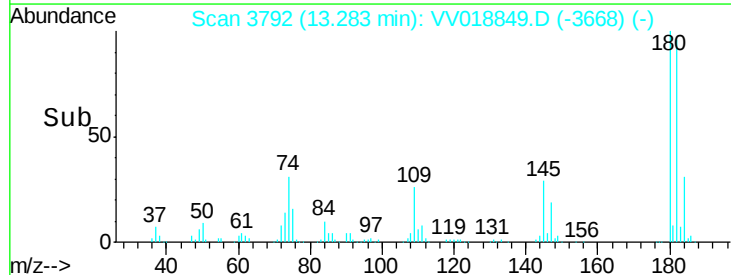
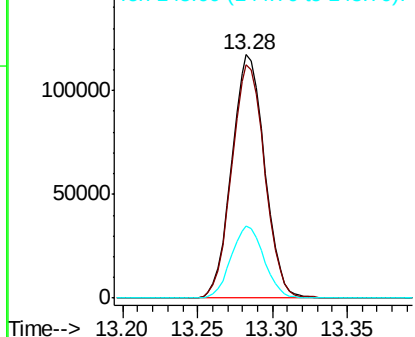


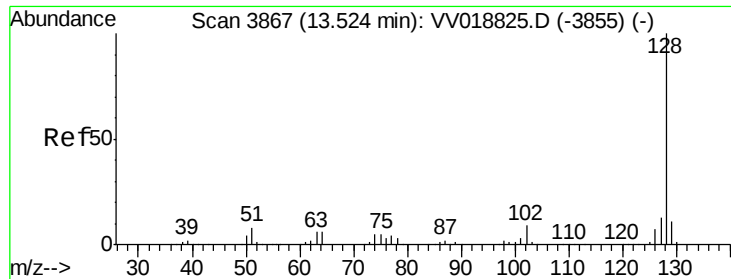
#68
 1,2,4-trichlorobenzene
 Concen: 49.080 ug/L
 RT: 13.28 min Scan# 3792
 Delta R.T. 0.00 min
 Lab File: VV018849.D
 Acq: 12 Oct 2020 10:09

Tgt Ion:180	Resp:	179601
Ion Ratio	Lower	Upper
180	100	
182	96.4	76.7 115.1
145	29.6	24.0 36.0



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: 51.358 ug/L

RT: 13.52 min Scan# 3867

Delta R.T. 0.00 min

Lab File: VV018849.D

Acq: 12 Oct 2020 10:09

Instrument :

MSVOA_V

ClientSampleId :

VSTD05085

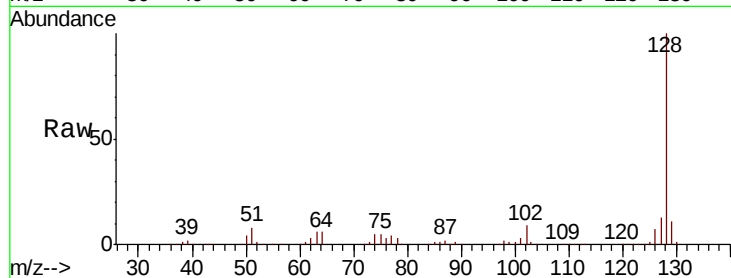
Tot Ion:128 Resp: 529520

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

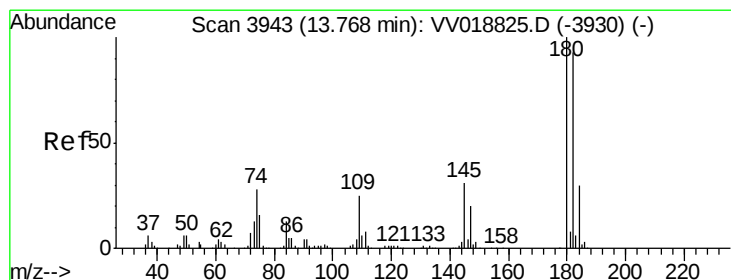
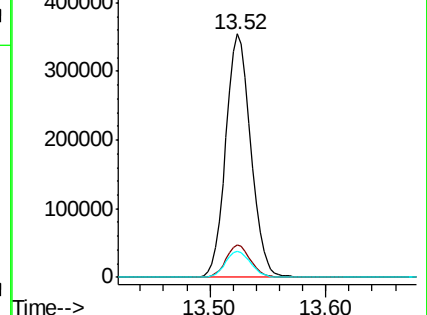
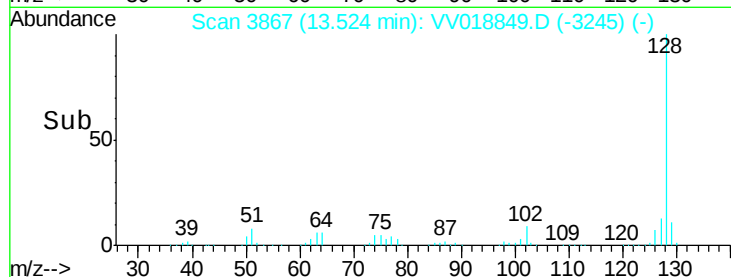
129 10.8 8.6 13.0



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: 50.305 ug/L

RT: 13.76 min Scan# 3942

Delta R.T. -0.00 min

Lab File: VV018849.D

Acq: 12 Oct 2020 10:09

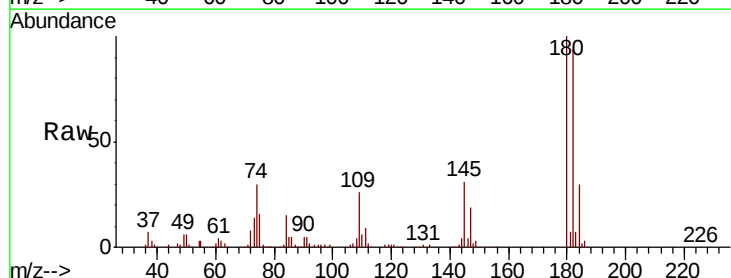
Tgt Ion:180 Resp: 182737

Ion Ratio Lower Upper

180 100

182 95.3 75.9 113.9

145 31.4 25.2 37.8



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

