

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102920\
 Data File : VX019165.D
 Acq On : 28 Oct 2020 15:45
 Operator : JC/MD
 Sample : VSTD00162
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD001302

Quant Time: Oct 29 05:59:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXTR102920WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 29 05:52:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.82	114	203266	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	179931	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	85380	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	12707	0.97	ug/L	0.00
7) Chloroethane-d5	1.70	69	10658	0.96	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.34	63	25065	0.97	ug/L	0.00
20) 2-Butanone-d5	4.56	46	25935	8.55	ug/L	0.00
24) Chloroform-d	5.14	84	23174	0.92	ug/L	0.00
26) 1,2-Dichloroethane-d4	6.03	65	13918	1.04	ug/L	0.00
32) Benzene-d6	6.04	84	47052	0.95	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.37	67	12942	0.91	ug/L	0.00
41) Toluene-d8	8.70	98	47737	1.01	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.99	79	5383	0.87	ug/L	0.00
46) 2-Hexanone-d5	9.43	63	23380	8.44	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	11.23	84	9681	0.88	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.36	152	15025	0.93	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	16019	0.927	ug/L 98
3) Chloromethane	1.31	50	13596	0.911	ug/L 95
5) Vinyl chloride	1.39	62	15290	0.909	ug/L 99
6) Bromomethane	1.64	94	9867	0.926	ug/L 91
8) Chloroethane	1.72	64	9417	0.931	ug/L 100
9) Trichlorofluoromethane	1.92	101	22390	0.919	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.36	101	12382	0.890	ug/L 97
12) 1,1-Dichloroethene	2.36	96	12465	0.922	ug/L 95
13) Acetone	2.45	43	15372	8.867	ug/L 98
14) Carbon disulfide	2.55	76	37853	0.929	ug/L 100
15) Methyl Acetate	2.76	43	4022	0.849	ug/L 97
16) Methylene chloride	2.83	84	18031	1.290	ug/L 98
17) Methyl tert-butyl Ether	3.17	73	29493	0.908	ug/L 98
18) trans-1,2-Dichloroethene	3.14	96	12950	0.920	ug/L 98
19) 1,1-Dichloroethane	3.67	63	21741	0.901	ug/L 96
21) 2-Butanone	4.65	43	25757	8.486	ug/L 98
22) cis-1,2-Dichloroethene	4.56	96	13917	0.938	ug/L 94
23) Bromochloromethane	4.97	128	5584	0.879	ug/L 92
25) Chloroform	5.17	83	23381	0.942	ug/L 95
27) 1,2-Dichloroethane	6.16	62	14289	0.904	ug/L 99
29) 1,1,1-Trichloroethane	5.46	97	20646	0.902	ug/L 99
30) Cyclohexane	5.54	56	21553	0.954	ug/L 97
31) Carbon tetrachloride	5.75	117	17910	0.930	ug/L 97
33) Benzene	6.10	78	50020	0.905	ug/L 100
34) Trichloroethene	7.18	95	13829	0.917	ug/L 97
35) Methylcyclohexane	7.43	83	21977	0.908	ug/L 99
37) 1,2-Dichloropropane	7.49	63	11857	0.902	ug/L 100
38) Bromodichloromethane	7.87	83	15251	0.900	ug/L 96
39) cis-1,3-Dichloropropene	8.42	75	17318	0.861	ug/L 99
40) 4-Methyl-2-pentanone	8.62	43	60289	8.377	ug/L 98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102920\
 Data File : VX019165.D
 Acq On : 28 Oct 2020 15:45
 Operator : JC/MD
 Sample : VSTD00162
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD001302

Quant Time: Oct 29 05:59:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXTR102920WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 29 05:52:04 2020
 Response via : Initial Calibration

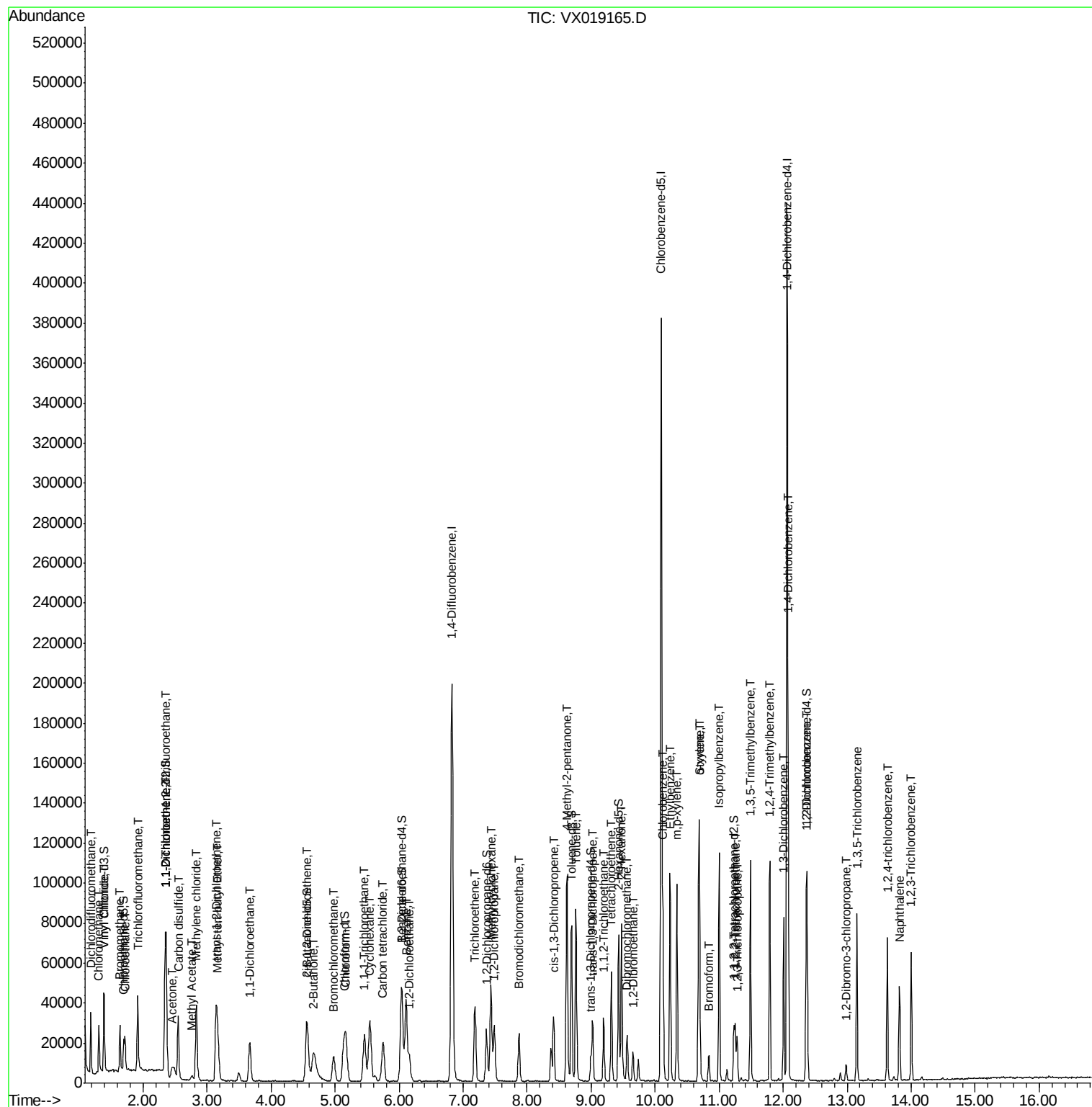
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	8.76	91	54604	0.908	ug/L	99
44) trans-1,3-Dichloropropene	9.02	75	14122	0.827	ug/L	95
45) 1,1,2-Trichloroethane	9.20	97	8608	0.893	ug/L	95
47) Tetrachloroethene	9.32	164	10636	0.925	ug/L	96
48) 2-Hexanone	9.48	43	42123	8.323	ug/L	100
49) Dibromochloromethane	9.56	129	9355	0.845	ug/L	87
50) 1,2-Dibromoethane	9.65	107	7766	0.868	ug/L #	93
51) Chlorobenzene	10.12	112	34197	0.912	ug/L	98
52) Ethylbenzene	10.23	91	60035	0.895	ug/L	100
53) m,p-xylene	10.34	106	22948	0.890	ug/L	99
54) o-xylene	10.68	106	22256	0.899	ug/L	94
55) Styrene	10.70	104	34072	0.835	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.25	83	9460	0.857	ug/L	98
59) Bromoform	10.84	173	4955	0.851	ug/L	96
60) Isopropylbenzene	11.00	105	58988	0.908	ug/L	99
61) 1,2,3-Trichloropropane	11.28	75	7185	0.892	ug/L	99
62) 1,3,5-Trimethylbenzene	11.49	105	48164	0.875	ug/L	98
63) 1,2,4-Trimethylbenzene	11.79	105	49403	0.886	ug/L	99
64) 1,3-Dichlorobenzene	12.01	146	26308	0.903	ug/L	99
65) 1,4-Dichlorobenzene	12.08	146	26336	0.928	ug/L	97
67) 1,2-Dichlorobenzene	12.38	146	24214	0.910	ug/L	98
68) 1,2-Dibromo-3-chloropropan	12.98	75	1608	0.865	ug/L	92
69) 1,3,5-Trichlorobenzene	13.15	180	18649	0.858	ug/L	96
70) 1,2,4-trichlorobenzene	13.63	180	16215	0.877	ug/L	97
71) Naphthalene	13.82	128	27992	0.813	ug/L	99
72) 1,2,3-Trichlorobenzene	14.00	180	14530	0.884	ug/L	98

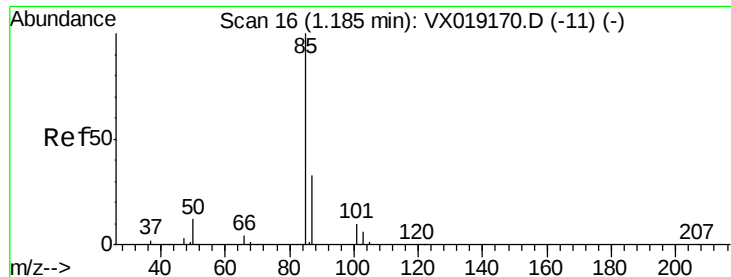
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102920\
Data File : VX019165.D
Acq On : 28 Oct 2020 15:45
Operator : JC/MD
Sample : VSTD00162
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTD001302

Quant Time: Oct 29 05:59:37 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXTR102920WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 29 05:52:04 2020
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 0.927 ug/L

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019165.D

Acq: 28 Oct 2020 15:45

Instrument :

MSVOA_X

ClientSampleId :

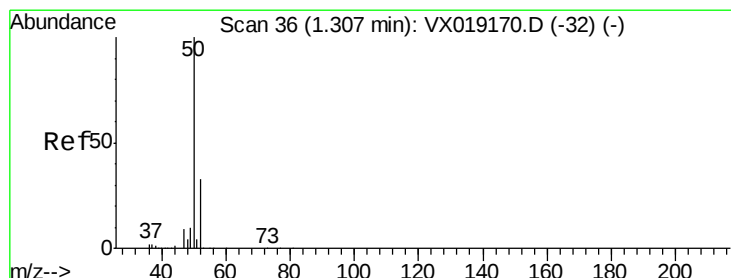
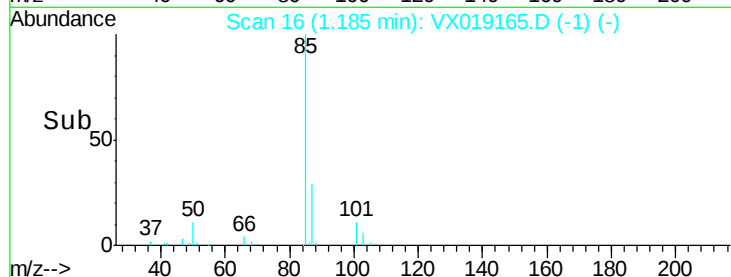
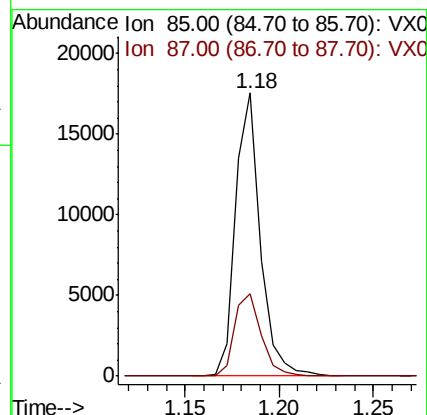
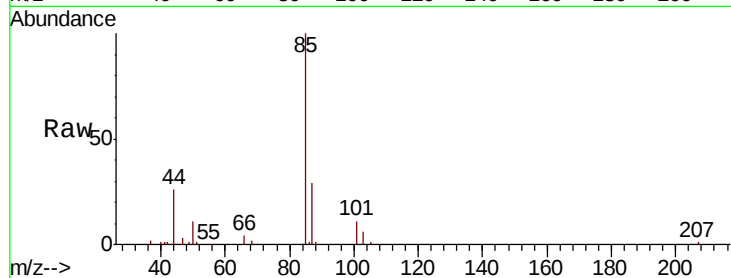
VSTD001302

Tot Ion: 85 Resp: 16019

Ion Ratio Lower Upper

85 100

87 31.5 26.1 39.1



#3

Chloromethane

Concen: 0.911 ug/L

RT: 1.31 min Scan# 36

Delta R.T. -0.00 min

Lab File: VX019165.D

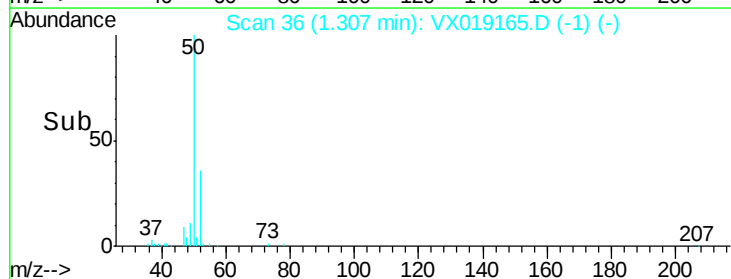
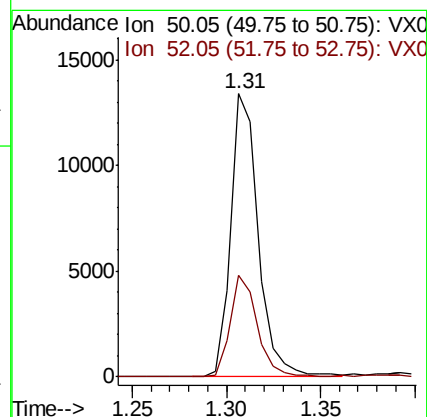
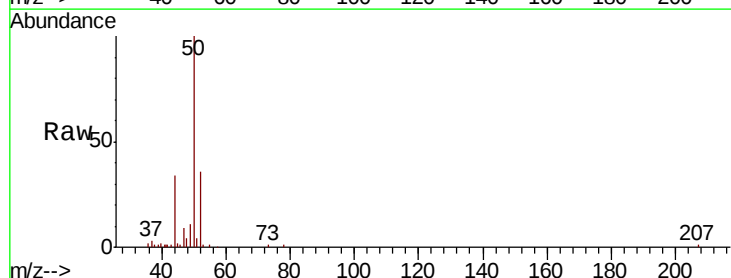
Acq: 28 Oct 2020 15:45

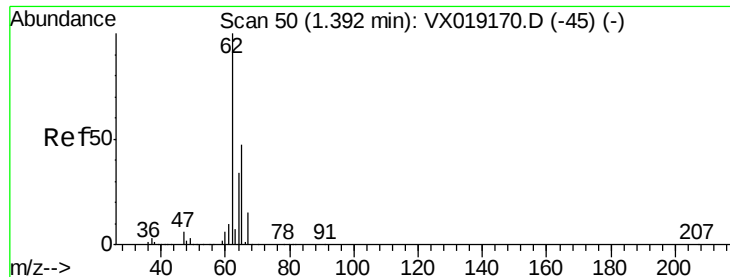
Tgt Ion: 50 Resp: 13596

Ion Ratio Lower Upper

50 100

52 36.1 23.4 43.6





#5

Vinyl chloride

Concen: 0.909 ug/L

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019165.D

Acq: 28 Oct 2020 15:45

Instrument :

MSVOA_X

ClientSampleId :

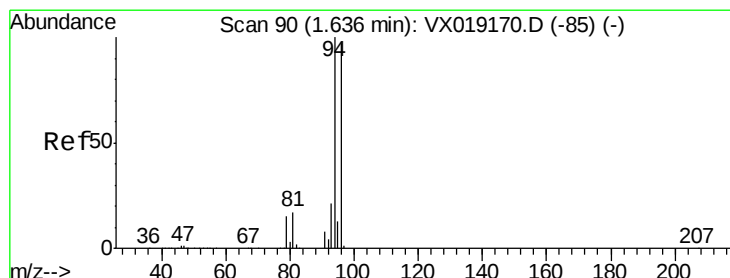
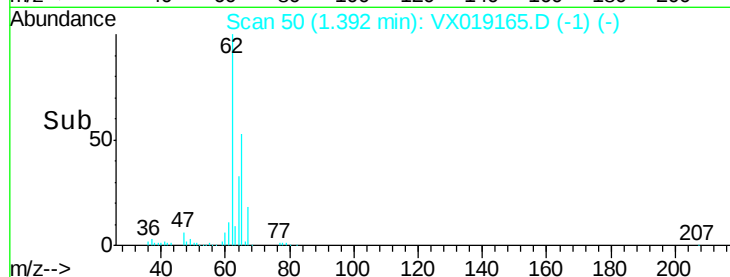
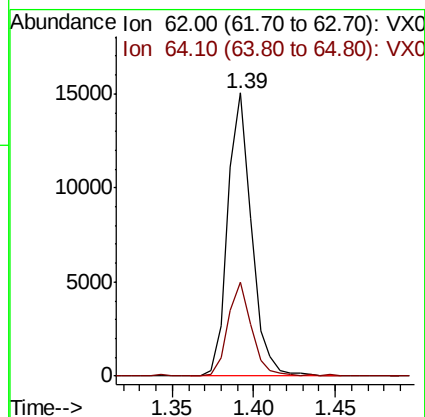
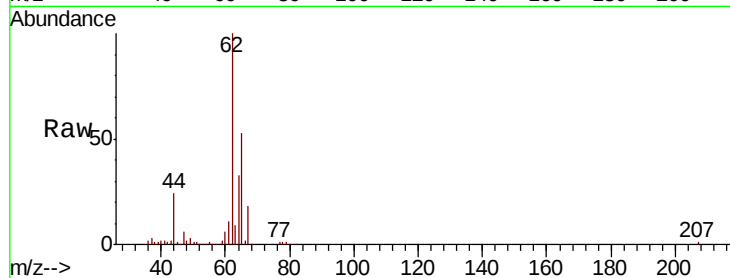
VSTD001302

Tot Ion: 62 Resp: 15290

Ion Ratio Lower Upper

62 100

64 33.2 23.5 43.7



#6

Bromomethane

Concen: 0.926 ug/L

RT: 1.64 min Scan# 90

Delta R.T. -0.00 min

Lab File: VX019165.D

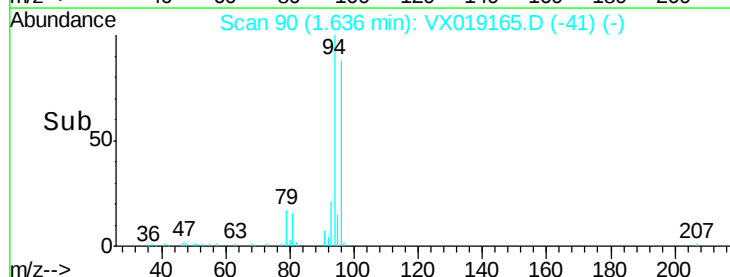
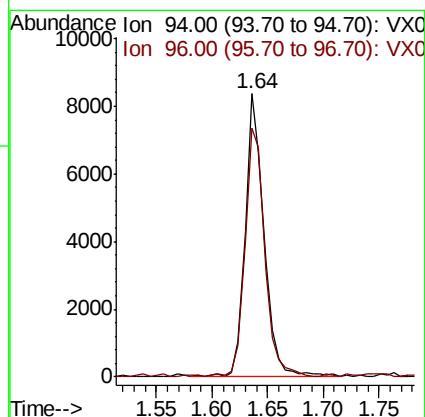
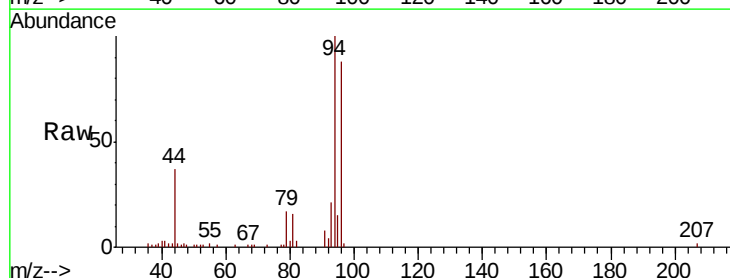
Acq: 28 Oct 2020 15:45

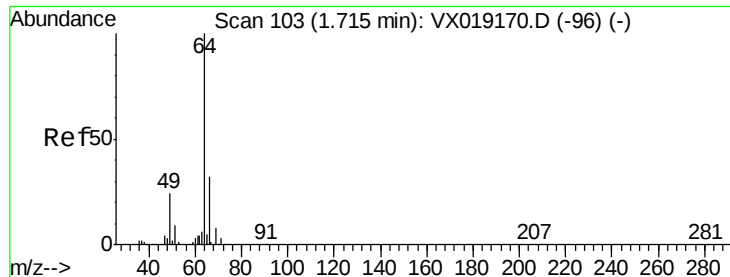
Tgt Ion: 94 Resp: 9867

Ion Ratio Lower Upper

94 100

96 88.1 67.9 126.1

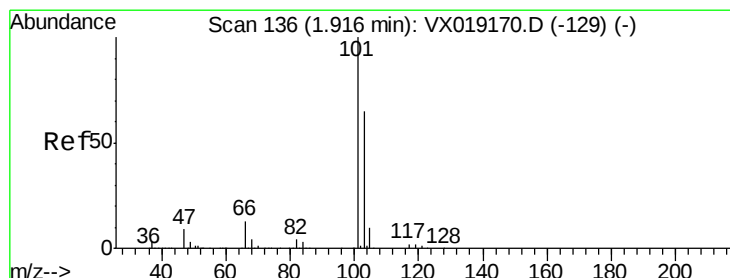
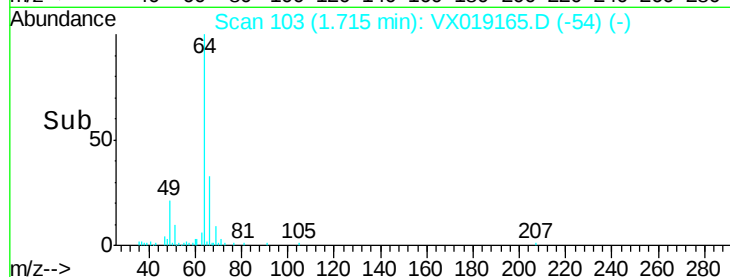
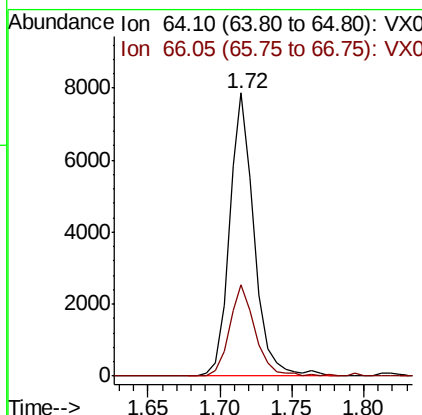
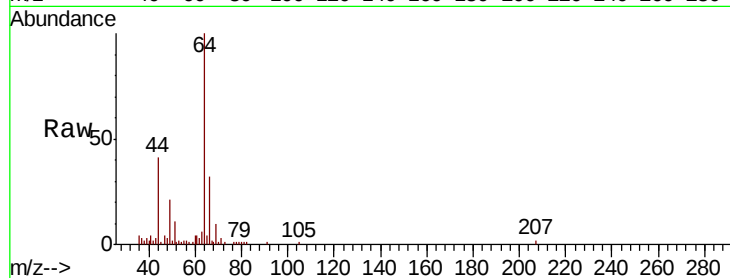




#8
Chloroethane
Concen: 0.931 ug/L
RT: 1.72 min Scan# 103
Delta R.T. -0.00 min
Lab File: VX019165.D
Acq: 28 Oct 2020 15:45

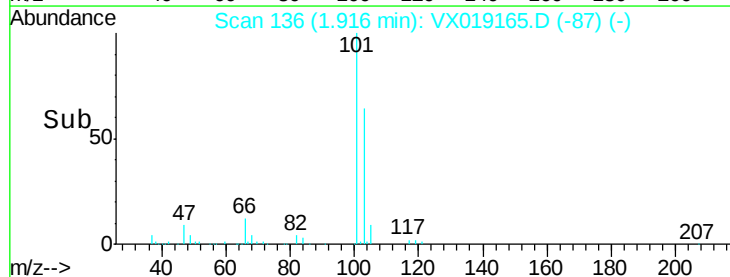
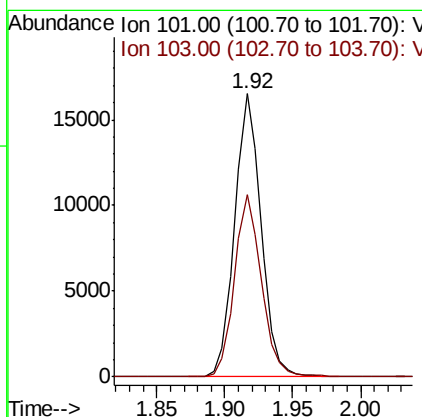
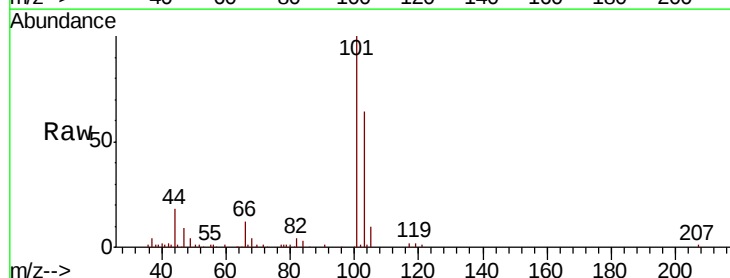
Instrument :
MSVOA_X
ClientSampleId :
VSTD001302

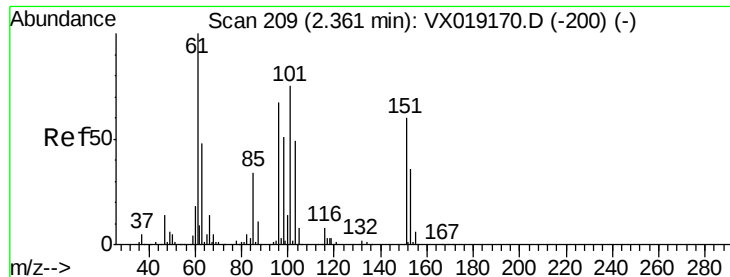
Tot Ion: 64 Resp: 9417
Ion Ratio Lower Upper
64 100
66 32.2 22.7 42.1



#9
Trichlorofluoromethane
Concen: 0.919 ug/L
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX019165.D
Acq: 28 Oct 2020 15:45

Tgt Ion: 101 Resp: 22390
Ion Ratio Lower Upper
101 100
103 65.6 51.9 77.9





#10

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

Concen: 0.890 ug/L

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX019165.D

Acq: 28 Oct 2020 15:45

Instrument :

MSVOA_X

ClientSampleId :

VSTD001302

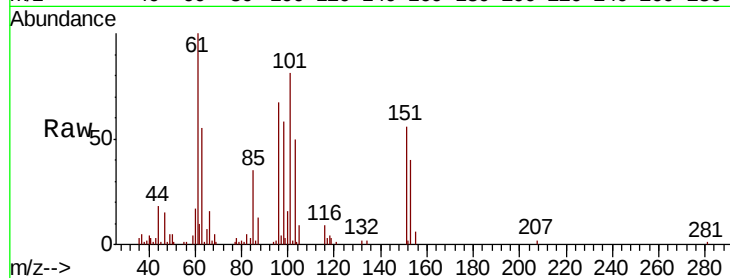
Tot Ion:101 Resp: 12382

Ion Ratio Lower Upper

101 100

85 47.4 35.3 52.9

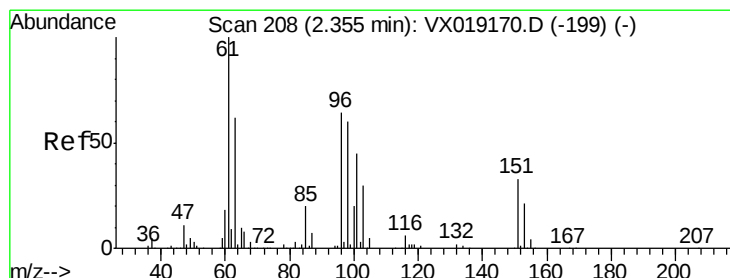
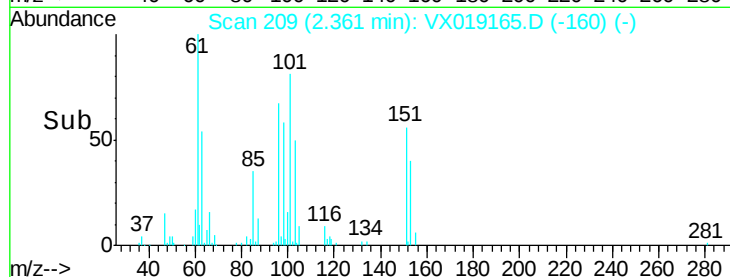
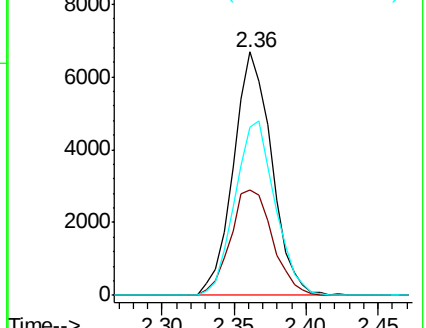
151 74.9 60.9 91.3



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.922 ug/L

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX019165.D

Acq: 28 Oct 2020 15:45

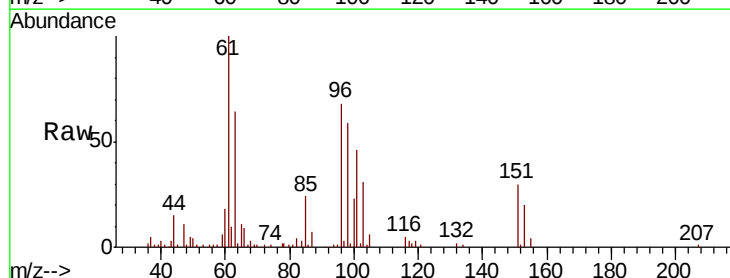
Tgt Ion: 96 Resp: 12465

Ion Ratio Lower Upper

96 100

61 147.8 109.5 203.3

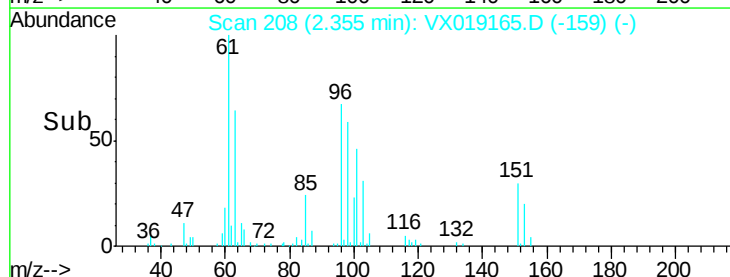
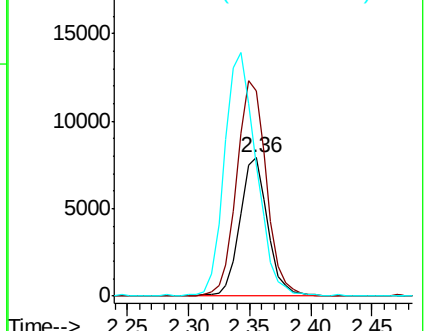
63 94.9 68.3 126.9

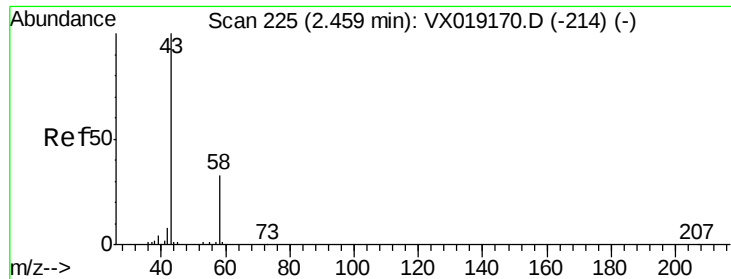


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.05 (60.75 to 61.75): VX0

Ion 63.00 (62.70 to 63.70): VX0





#13

Acetone

Concen: 8.867 ug/L

RT: 2.45 min Scan# 224

Delta R.T. -0.01 min

Lab File: VX019165.D

Acq: 28 Oct 2020 15:45

Instrument :

MSVOA_X

ClientSampleId :

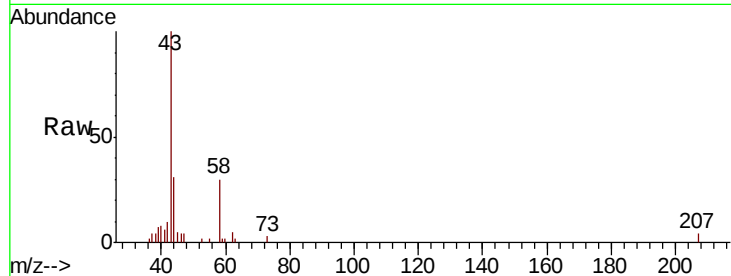
VSTD001302

Tot Ion: 43 Resp: 15372

Ion Ratio Lower Upper

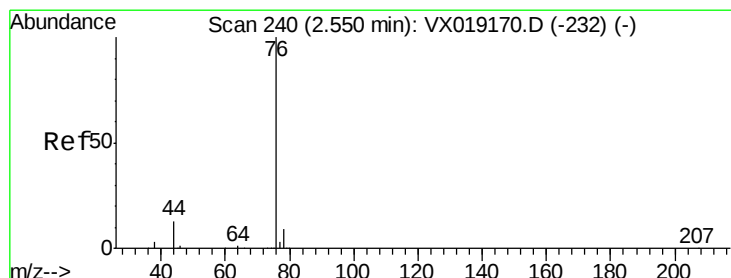
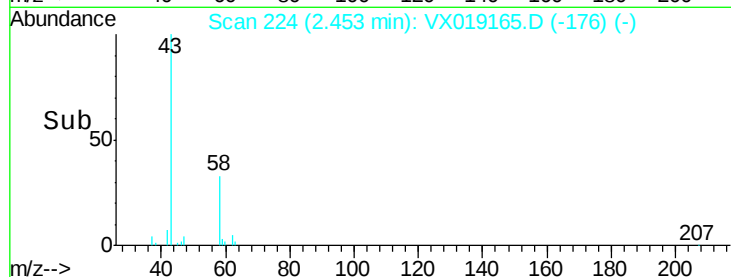
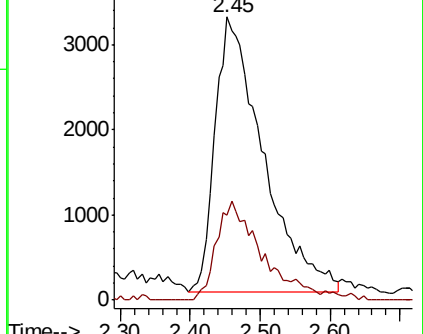
43 100

58 33.8 0.0 65.4



Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 58.05 (57.75 to 58.75): VX0



#14

Carbon disulfide

Concen: 0.929 ug/L

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX019165.D

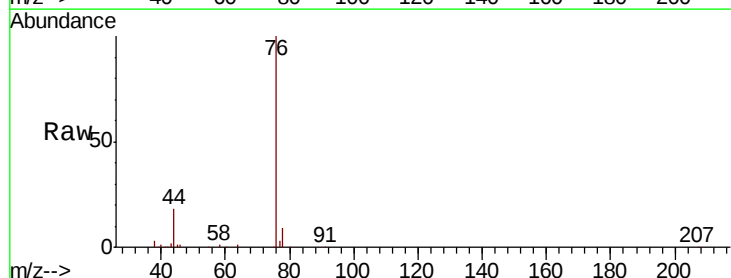
Acq: 28 Oct 2020 15:45

Tgt Ion: 76 Resp: 37853

Ion Ratio Lower Upper

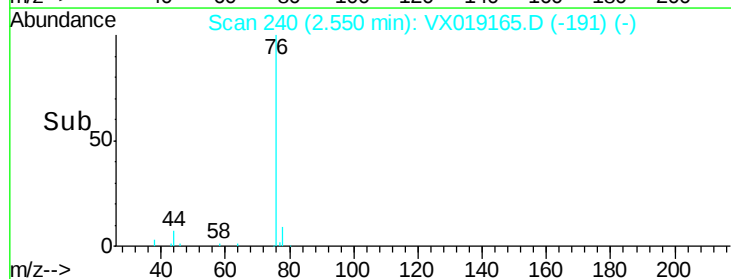
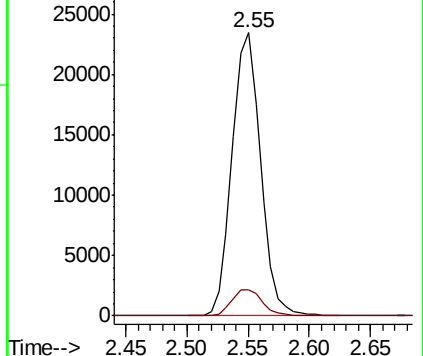
76 100

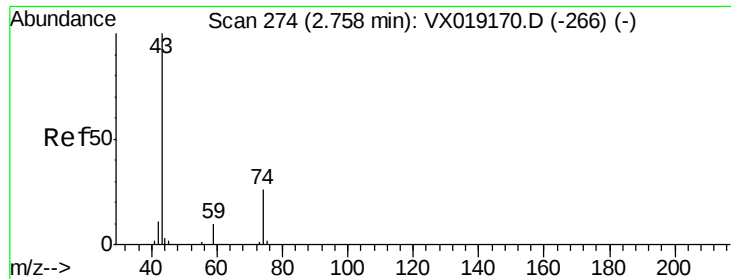
78 9.4 7.4 11.0



Abundance Ion 76.05 (75.75 to 76.75): VX0

Ion 78.00 (77.70 to 78.70): VX0

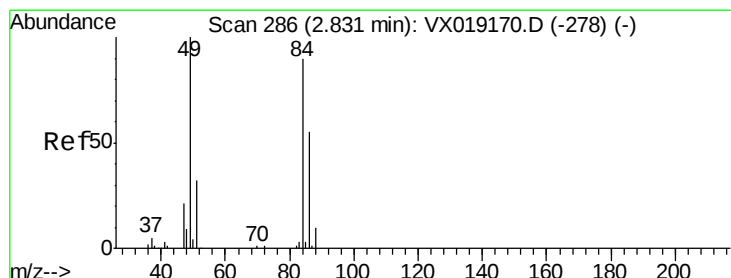
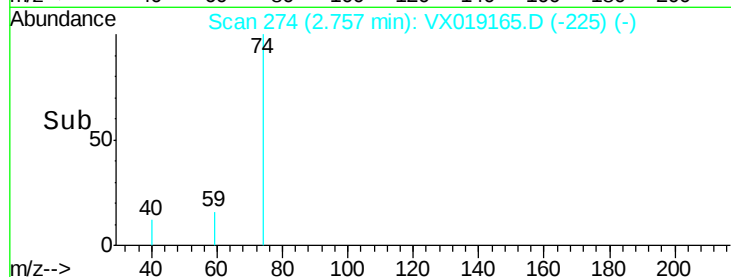
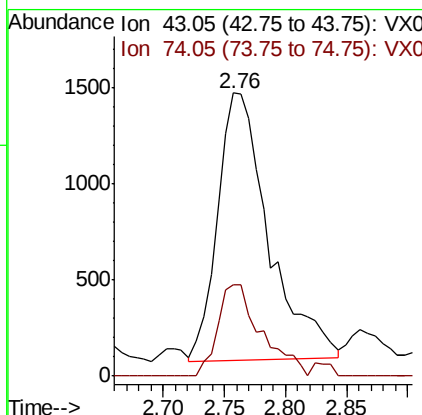
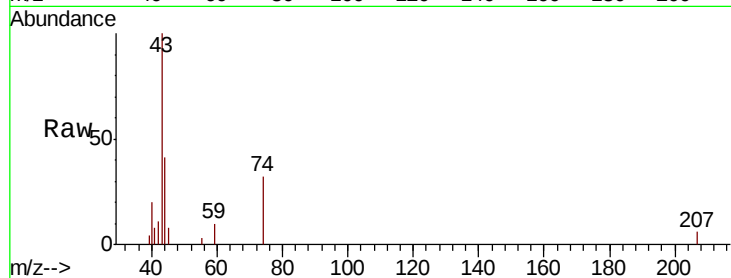




#15
Methyl Acetate
Concen: 0.849 ug/L
RT: 2.76 min Scan# 274
Delta R.T. -0.00 min
Lab File: VX019165.D
Acq: 28 Oct 2020 15:45

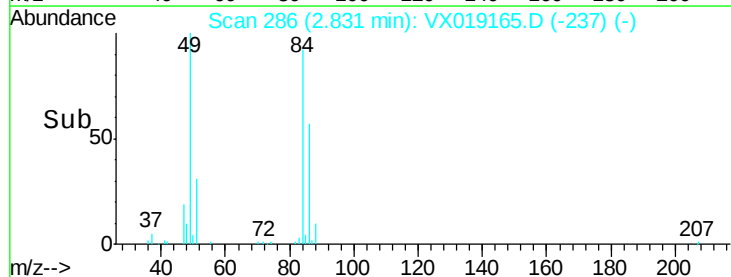
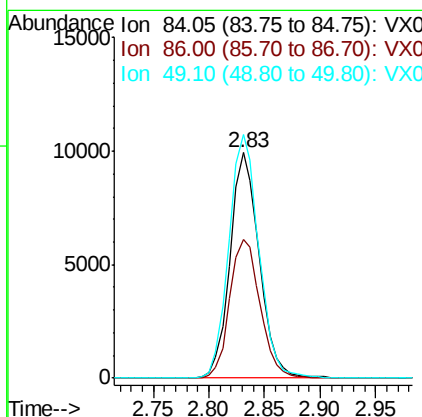
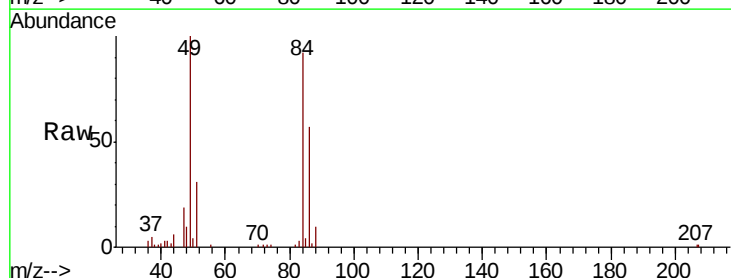
Instrument :
MSVOA_X
ClientSampled :
VSTD001302

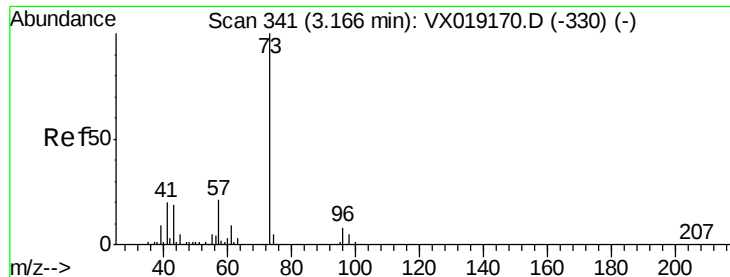
Tot Ion: 43 Resp: 4022
Ion Ratio Lower Upper
43 100
74 29.5 22.3 33.5



#16
Methylene chloride
Concen: 1.290 ug/L
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX019165.D
Acq: 28 Oct 2020 15:45

Tgt Ion: 84 Resp: 18031
Ion Ratio Lower Upper
84 100
86 61.3 42.2 78.4
49 108.1 77.5 143.9

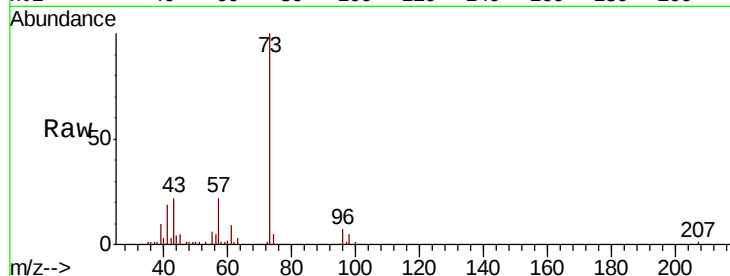




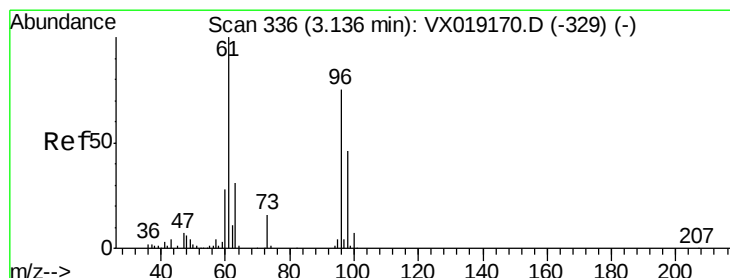
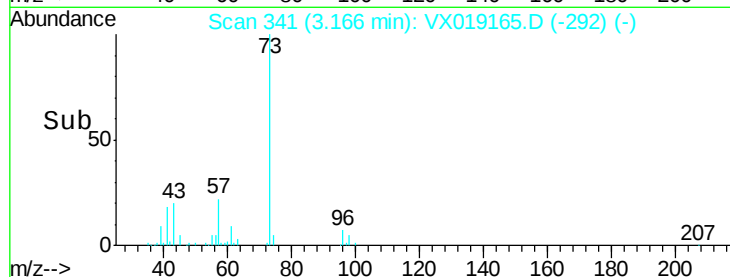
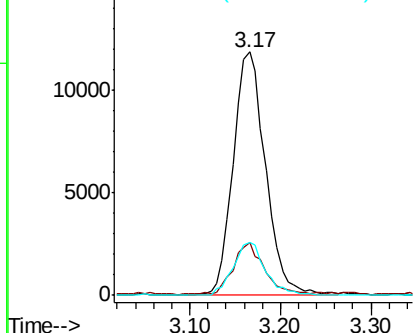
#17
Methvl tert-butvl Ether
Concen: 0.908 ug/L
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX019165.D
Acq: 28 Oct 2020 15:45

Instrument :
MSVOA_X
ClientSampleId :
VSTD001302

Tot Ion: 73 Resp: 29493
Ion Ratio Lower Upper
73 100
43 21.6 16.1 24.1
57 21.6 16.8 25.2

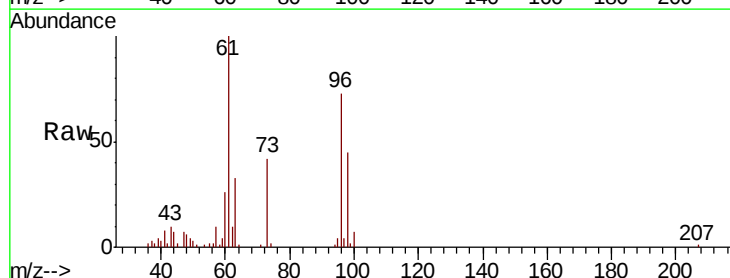


Abundance Ion 73.10 (72.80 to 73.80): VX0
Ion 43.05 (42.75 to 43.75): VX0
Ion 57.10 (56.80 to 57.80): VX0

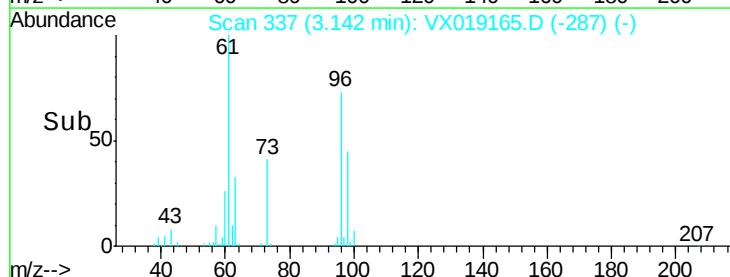
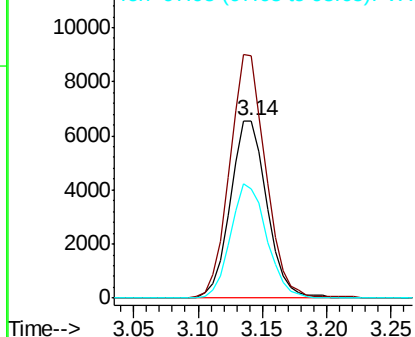


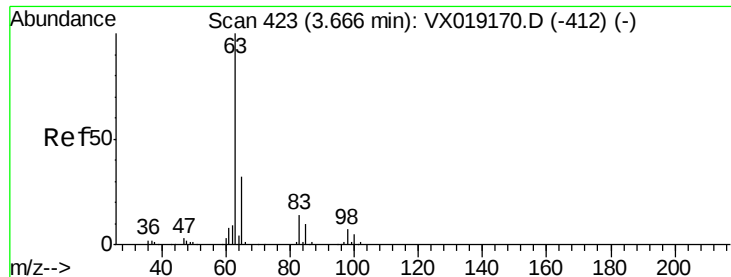
#18
trans-1,2-Dichloroethene
Concen: 0.920 ug/L
RT: 3.14 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX019165.D
Acq: 28 Oct 2020 15:45

Tgt Ion: 96 Resp: 12950
Ion Ratio Lower Upper
96 100
61 136.3 93.7 173.9
98 61.5 42.8 79.6



Abundance Ion 96.00 (95.70 to 96.70): VX0
Ion 61.05 (60.75 to 61.75): VX0
Ion 97.95 (97.65 to 98.65): VX0

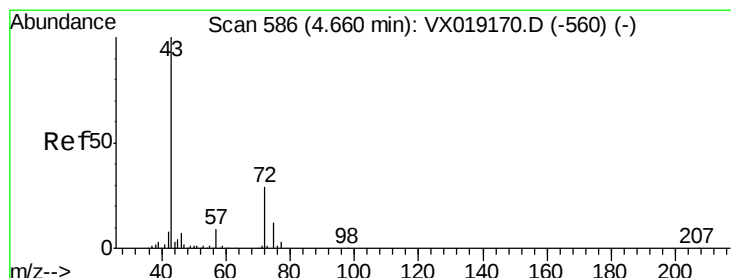
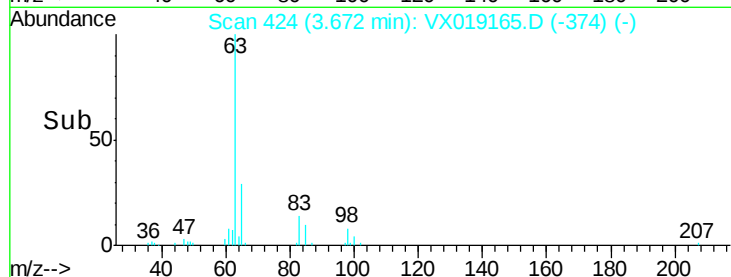
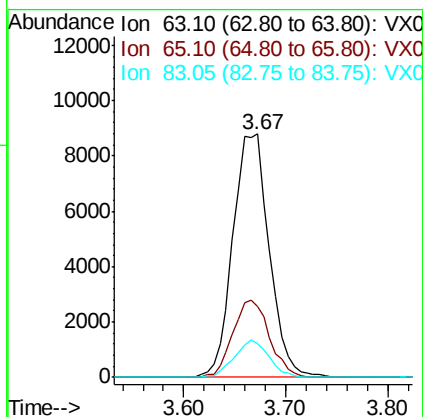
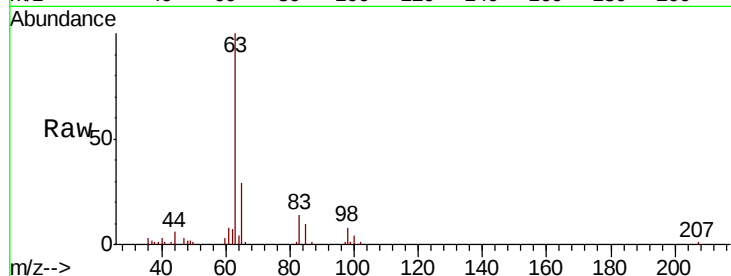




#19
 1,1-Dichloroethane
 Concen: 0.901 ug/L
 RT: 3.67 min Scan# 424
 Delta R.T. 0.01 min
 Lab File: VX019165.D
 Acq: 28 Oct 2020 15:45

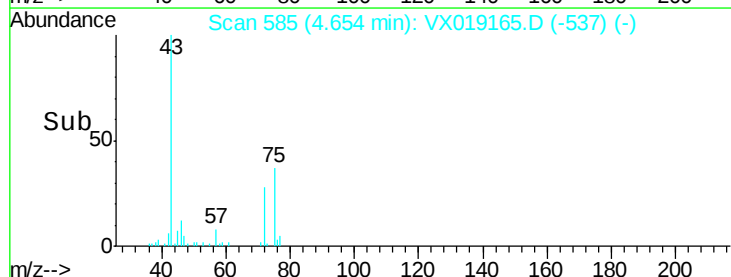
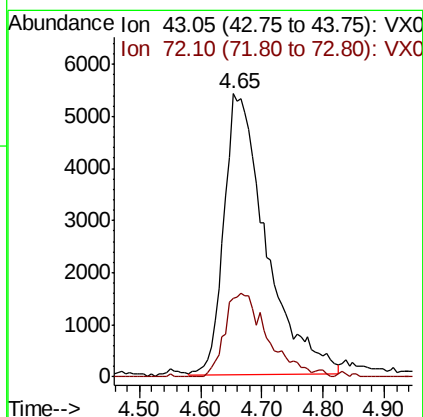
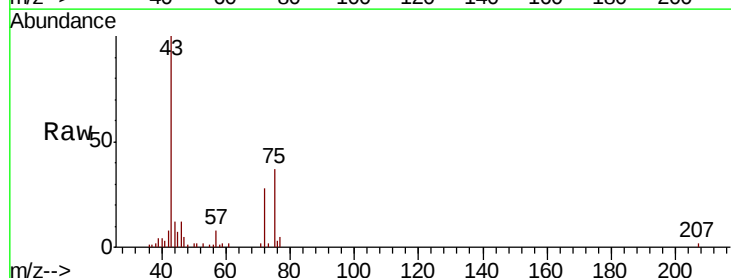
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD001302

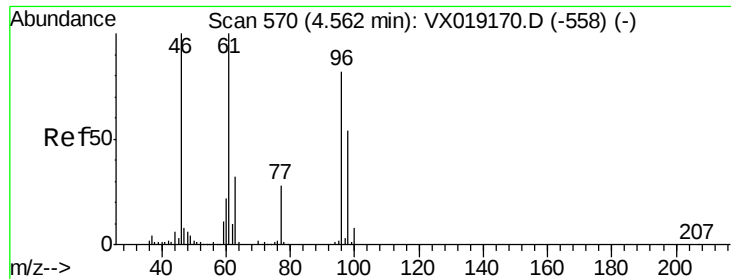
Tot Ion: 63 Resp: 21741
 Ion Ratio Lower Upper
 63 100
 65 28.9 22.5 41.9
 83 14.0 9.7 17.9



#21
 2-Butanone
 Concen: 8.486 ug/L
 RT: 4.65 min Scan# 585
 Delta R.T. -0.01 min
 Lab File: VX019165.D
 Acq: 28 Oct 2020 15:45

Tgt Ion: 43 Resp: 25757
 Ion Ratio Lower Upper
 43 100
 72 29.9 14.4 43.4



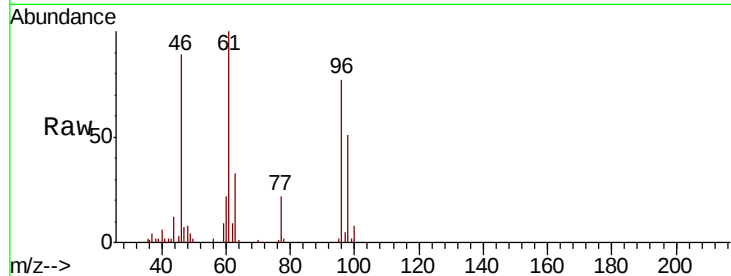


#22

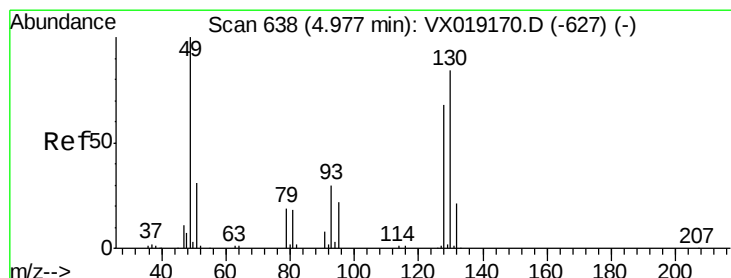
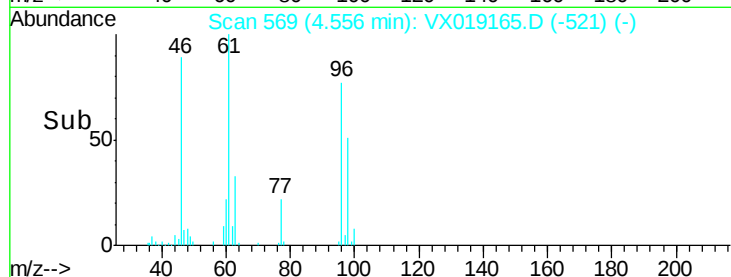
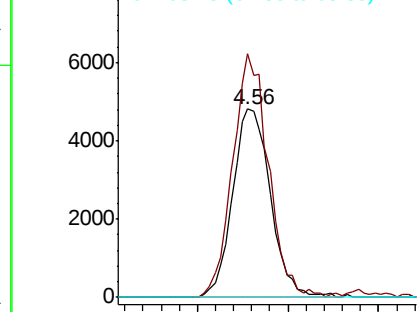
cis-1,2-Dichloroethene
Concen: 0.938 ug/L
RT: 4.56 min Scan# 569
Delta R.T. -0.01 min
Lab File: VX019165.D
Acq: 28 Oct 2020 15:45

Instrument :
MSVOA_X
ClientSampleId :
VSTD001302

Tot Ion	Ratio	Lower	Upper
96	100		
61	129.2	85.7	159.1
68	0.0	0.0	0.0



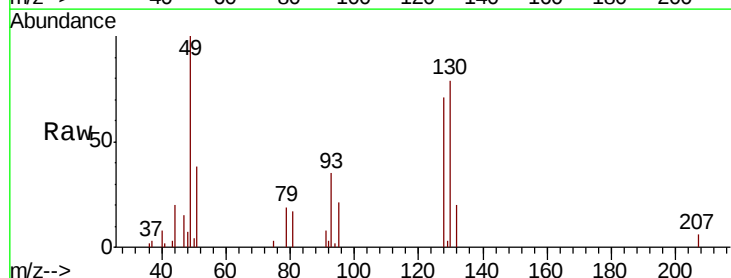
Abundance Ion 96.00 (95.70 to 96.70): VX0
Ion 61.05 (60.75 to 61.75): VX0
Ion 68.15 (67.85 to 68.85): VX0



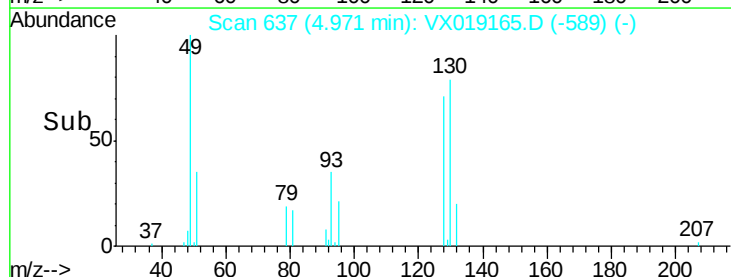
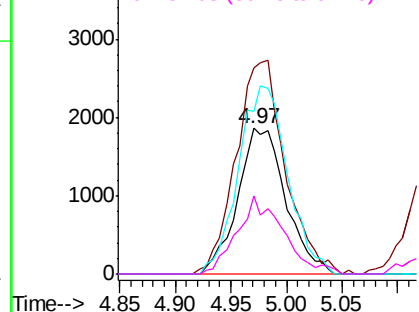
#23

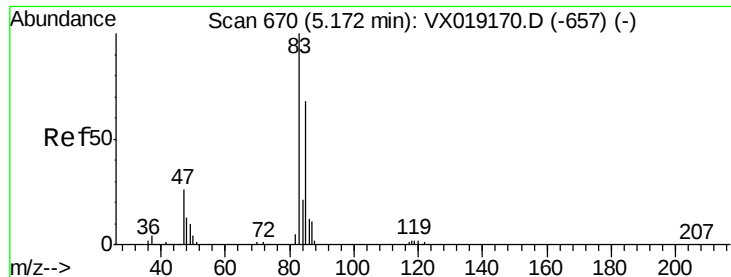
Bromochloromethane
Concen: 0.879 ug/L
RT: 4.97 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX019165.D
Acq: 28 Oct 2020 15:45

Tgt Ion	Ratio	Lower	Upper
128	100		
49	141.4	102.8	191.0
130	111.5	86.3	160.3
51	53.4	36.5	54.7



Abundance Ion 127.90 (127.60 to 128.60): V
Ion 49.10 (48.80 to 49.80): VX0
Ion 129.95 (129.65 to 130.65): V
Ion 51.05 (50.75 to 51.75): VX0





#25

Chloroform

Concen: 0.942 ug/L

RT: 5.17 min Scan# 670

Delta R.T. -0.00 min

Lab File: VX019165.D

Acq: 28 Oct 2020 15:45

Instrument :

MSVOA_X

ClientSampleId :

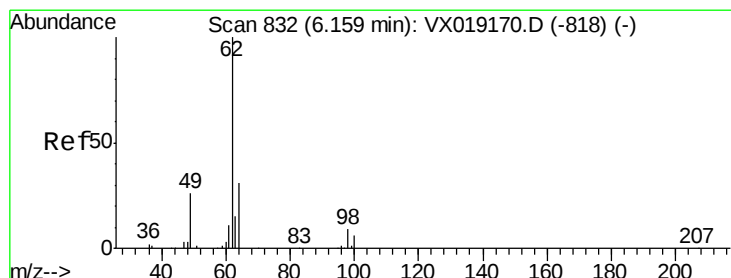
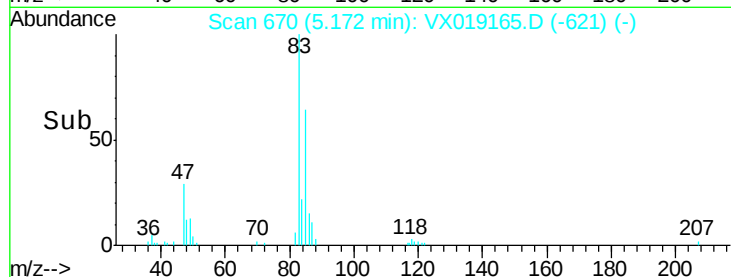
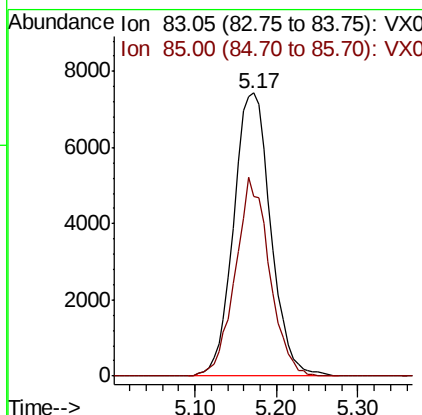
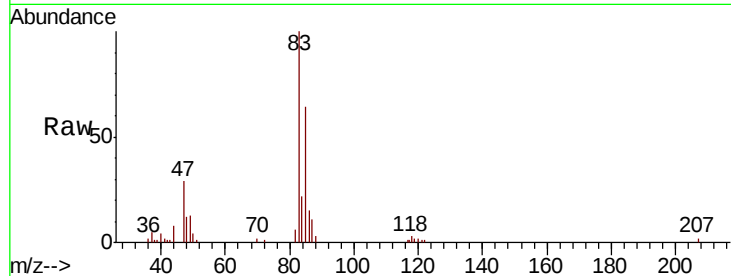
VSTD001302

Tot Ion: 83 Resp: 23381

Ion Ratio Lower Upper

83 100

85 63.6 47.6 88.4



#27

1,2-Dichloroethane

Concen: 0.904 ug/L

RT: 6.16 min Scan# 832

Delta R.T. -0.00 min

Lab File: VX019165.D

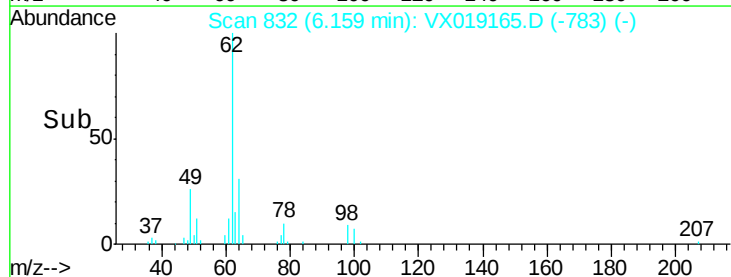
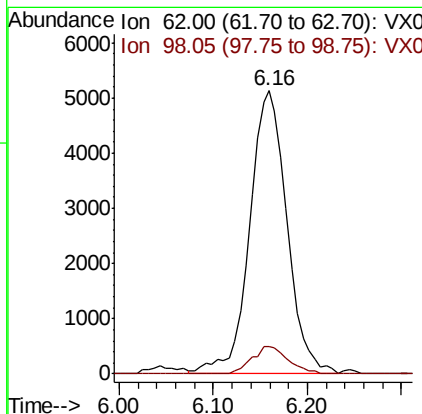
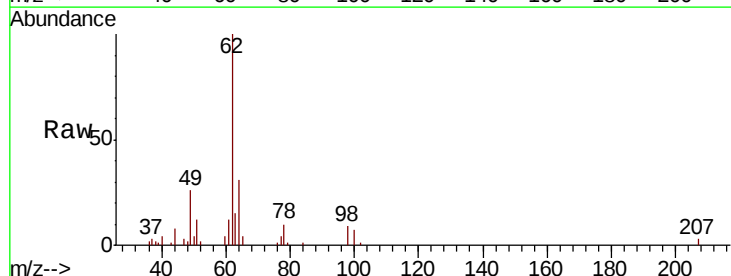
Acq: 28 Oct 2020 15:45

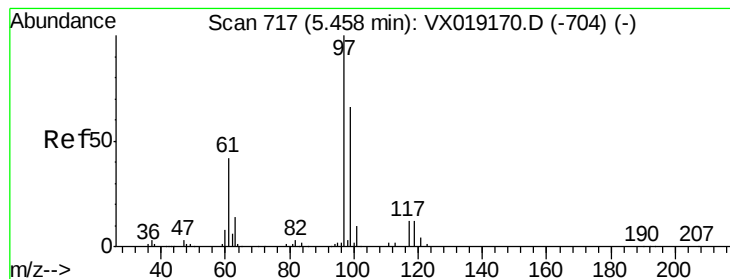
Tgt Ion: 62 Resp: 14289

Ion Ratio Lower Upper

62 100

98 9.5 7.4 11.0





#29

1,1,1-Trichloroethane

Concen: 0.902 ug/L

RT: 5.46 min Scan# 717

Delta R.T. -0.00 min

Lab File: VX019165.D

Acq: 28 Oct 2020 15:45

Instrument :

MSVOA_X

ClientSampleId :

VSTD001302

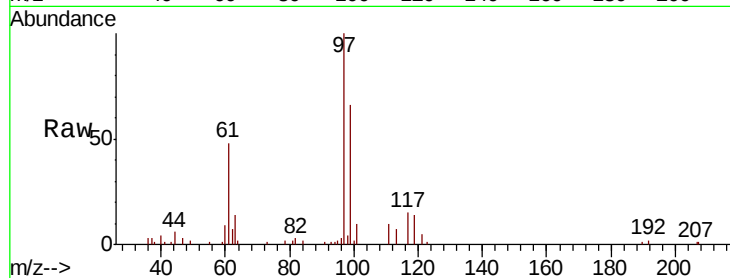
Tot Ion: 97 Resp: 20646

Ion Ratio Lower Upper

97 100

99 65.5 51.8 77.8

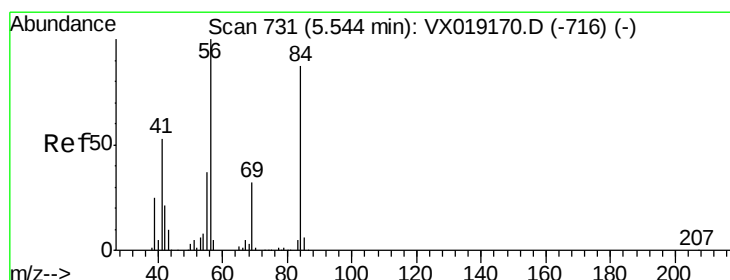
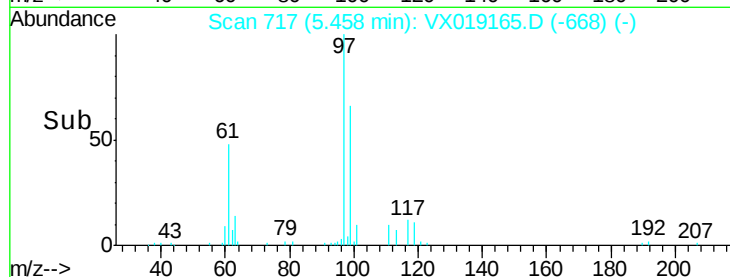
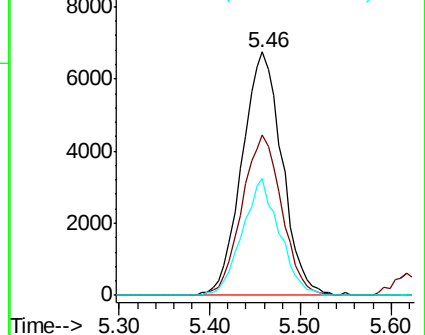
61 44.5 34.5 51.7



Abundance Ion 96.95 (96.65 to 97.65): VX0

Ion 99.05 (98.75 to 99.75): VX0

Ion 61.05 (60.75 to 61.75): VX0



#30

Cyclohexane

Concen: 0.954 ug/L

RT: 5.54 min Scan# 731

Delta R.T. -0.00 min

Lab File: VX019165.D

Acq: 28 Oct 2020 15:45

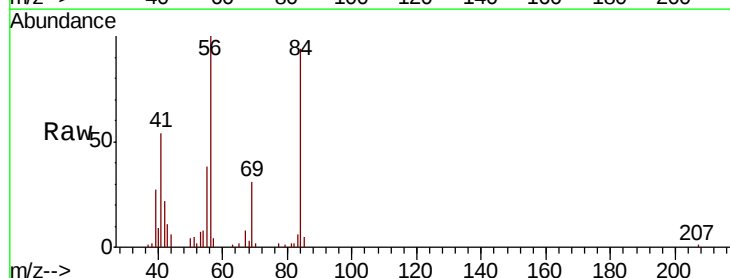
Tgt Ion: 56 Resp: 21553

Ion Ratio Lower Upper

56 100

69 31.5 26.2 39.2

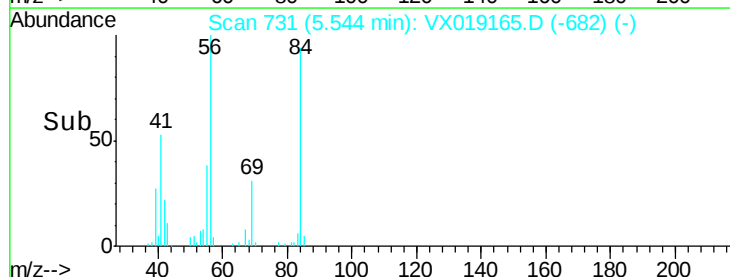
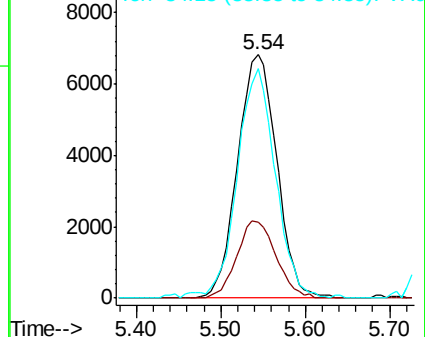
84 90.3 74.5 111.7

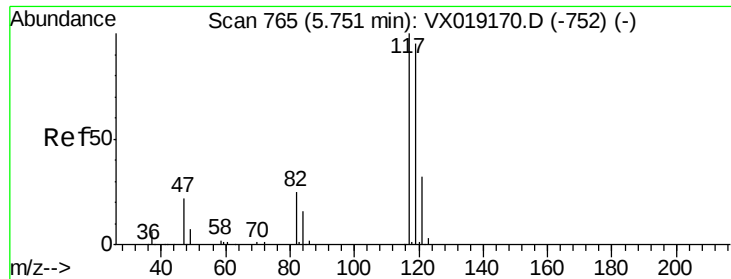


Abundance Ion 56.10 (55.80 to 56.80): VX0

Ion 69.15 (68.85 to 69.85): VX0

Ion 84.15 (83.85 to 84.85): VX0

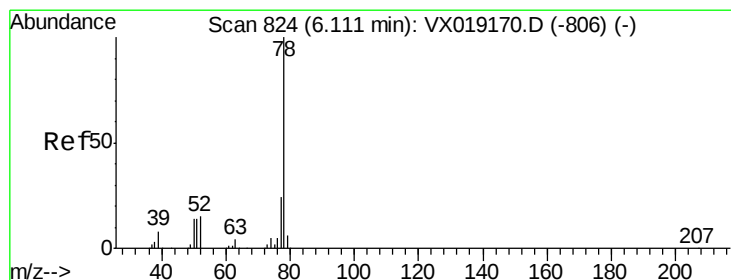
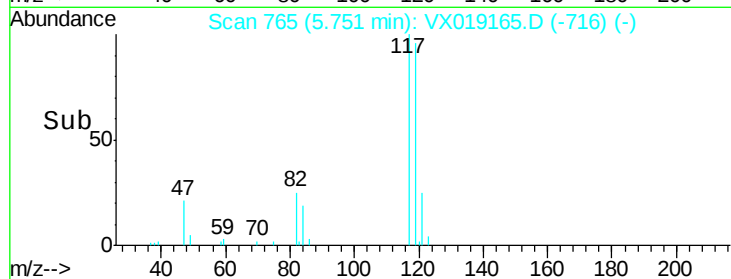
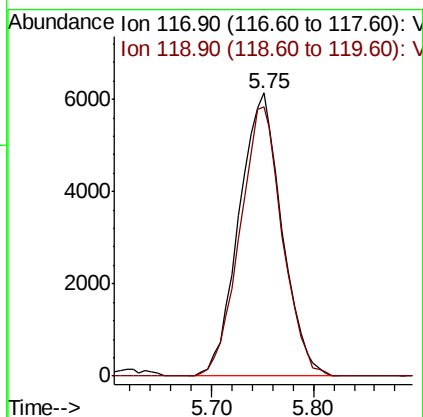
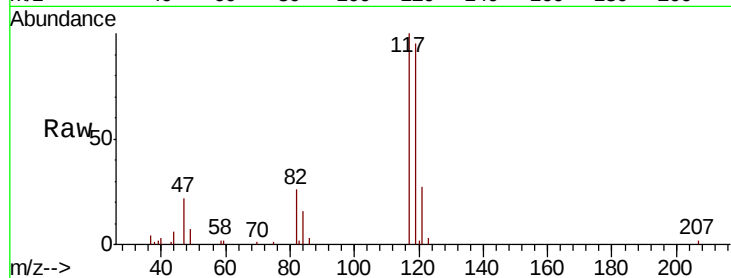




#31
Carbon tetrachloride
Concen: 0.930 ug/L
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX019165.D
Acq: 28 Oct 2020 15:45

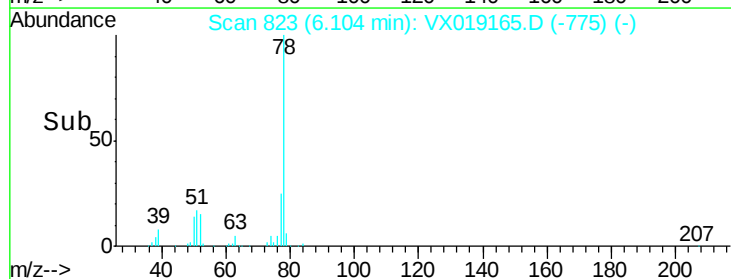
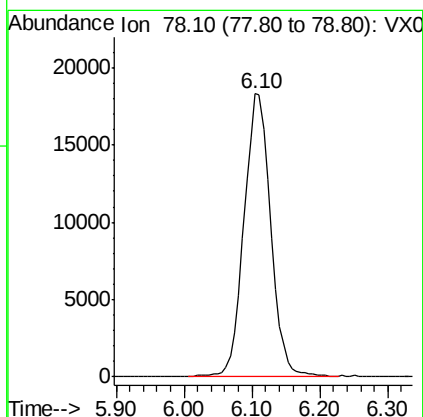
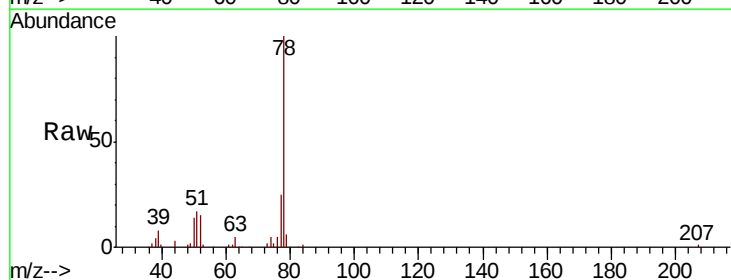
Instrument :
MSVOA_X
ClientSampleId :
VSTD001302

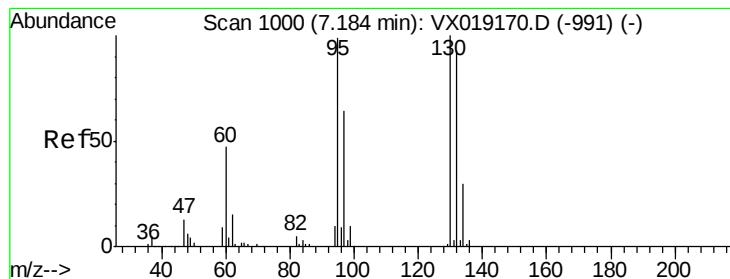
Tot Ion:117 Resp: 17910
Ion Ratio Lower Upper
117 100
119 94.1 77.3 115.9



#33
Benzene
Concen: 0.905 ug/L
RT: 6.10 min Scan# 823
Delta R.T. -0.01 min
Lab File: VX019165.D
Acq: 28 Oct 2020 15:45

Tgt Ion: 78 Resp: 50020





#34

Trichloroethene

Concen: 0.917 ug/L

RT: 7.18 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VX019165.D

Acq: 28 Oct 2020 15:45

Instrument :

MSVOA_X

ClientSampleId :

VSTD001302

Tot Ion: 95 Resp: 13829

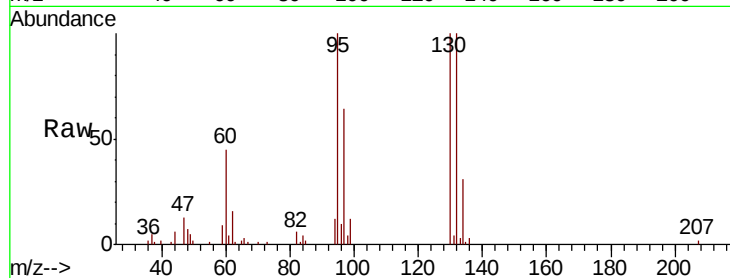
Ion Ratio Lower Upper

95 100

97 64.7 45.2 84.0

132 100.4 65.3 121.3

130 100.0 70.6 131.0

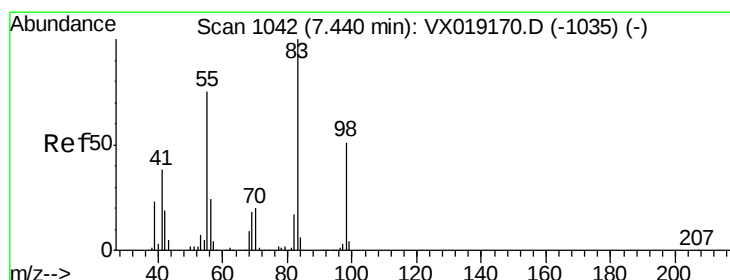
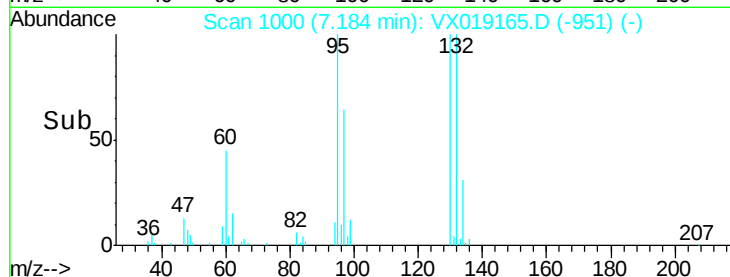
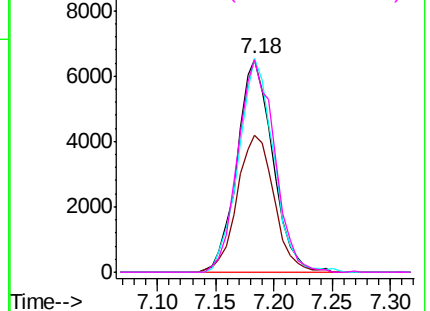


Abundance Ion 95.00 (94.70 to 95.70): VX0

Ion 96.95 (96.65 to 97.65): VX0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.908 ug/L

RT: 7.43 min Scan# 1041

Delta R.T. -0.01 min

Lab File: VX019165.D

Acq: 28 Oct 2020 15:45

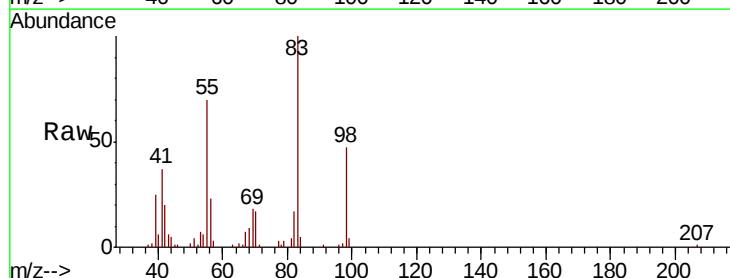
Tgt Ion: 83 Resp: 21977

Ion Ratio Lower Upper

83 100

55 73.8 58.5 87.7

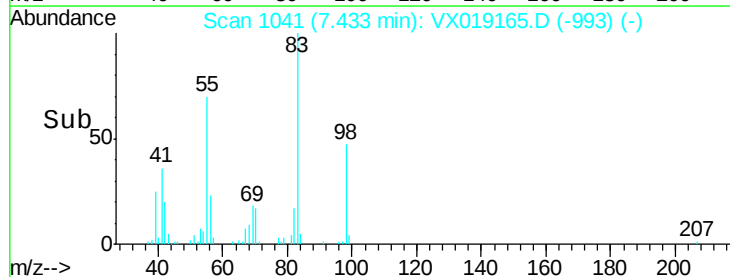
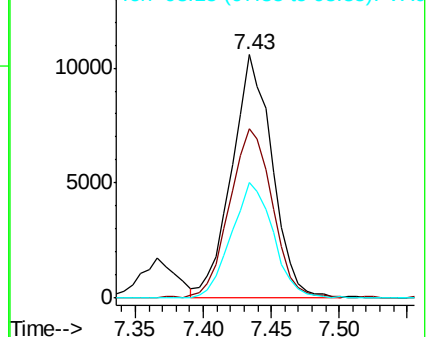
98 49.2 40.1 60.1

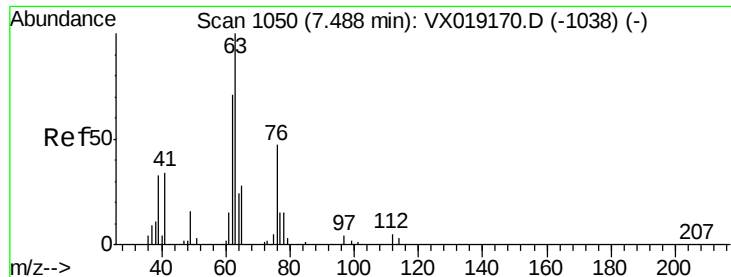


Abundance Ion 83.15 (82.85 to 83.85): VX0

Ion 55.10 (54.80 to 55.80): VX0

Ion 98.15 (97.85 to 98.85): VX0





#37

1,2-Dichloropropane

Concen: 0.902 ug/L

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX019165.D

Acq: 28 Oct 2020 15:45

Instrument :

MSVOA_X

ClientSampleId :

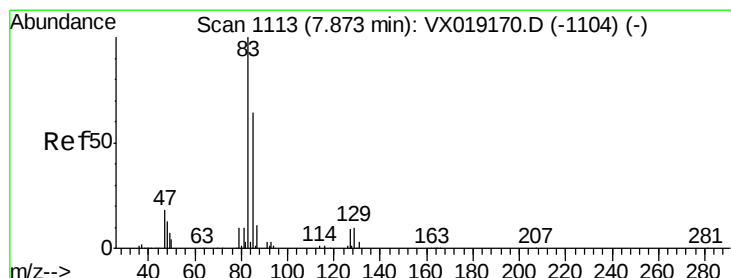
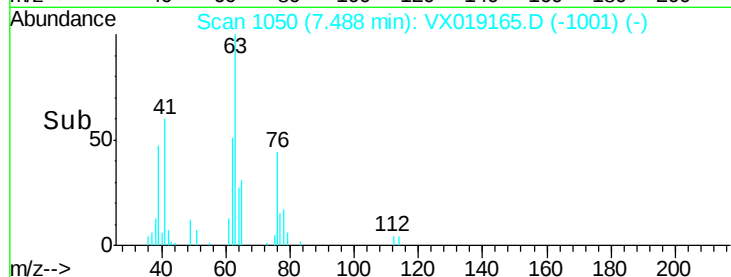
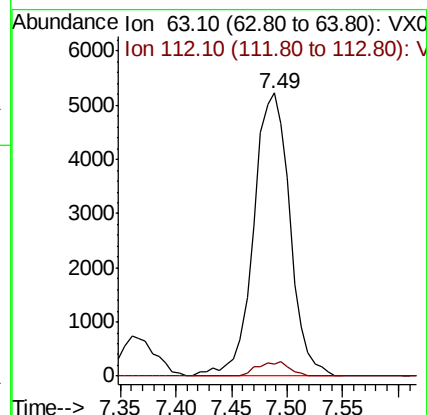
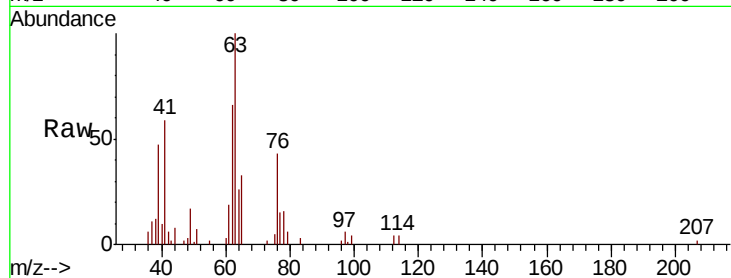
VSTD001302

Tot Ion: 63 Resp: 11857

Ion Ratio Lower Upper

63 100

112 4.5 3.8 5.6



#38

Bromodichloromethane

Concen: 0.900 ug/L

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019165.D

Acq: 28 Oct 2020 15:45

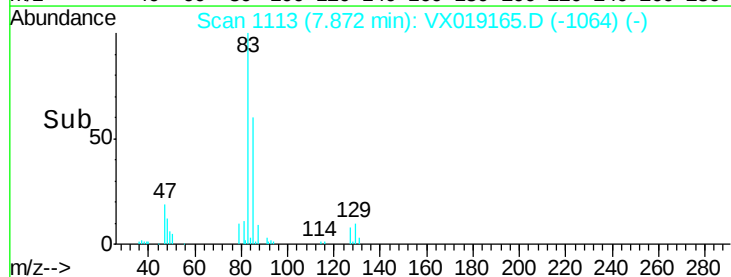
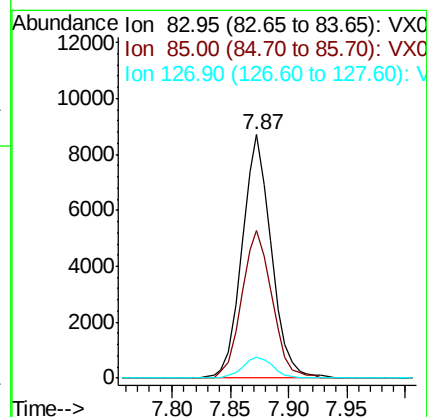
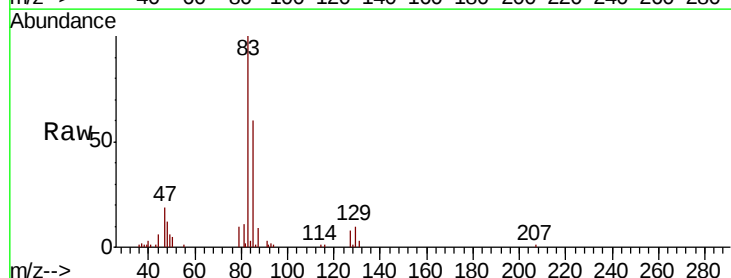
Tgt Ion: 83 Resp: 15251

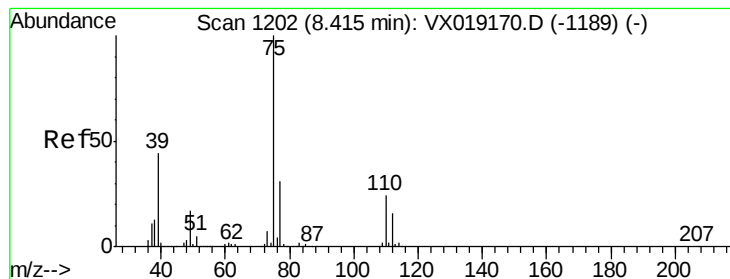
Ion Ratio Lower Upper

83 100

85 60.4 44.4 82.5

127 8.4 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 0.861 ug/L

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX019165.D

Acq: 28 Oct 2020 15:45

Instrument :

MSVOA_X

ClientSampleId :

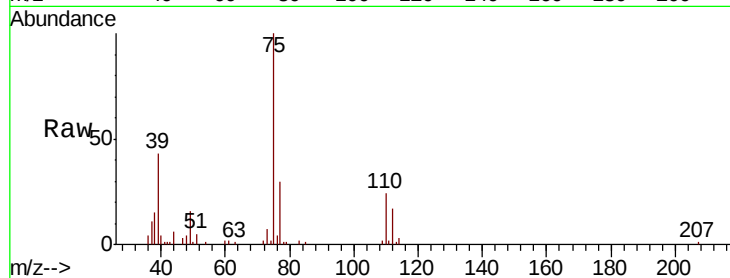
VSTD001302

Tot Ion: 75 Resp: 17318

Ion Ratio Lower Upper

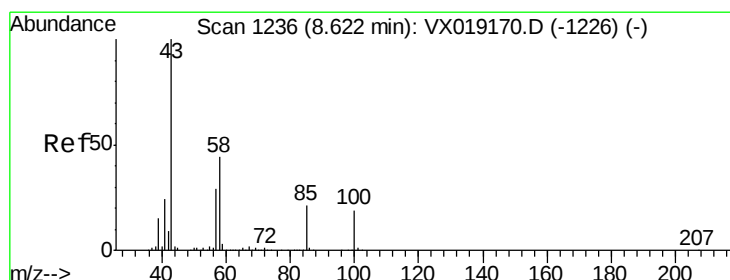
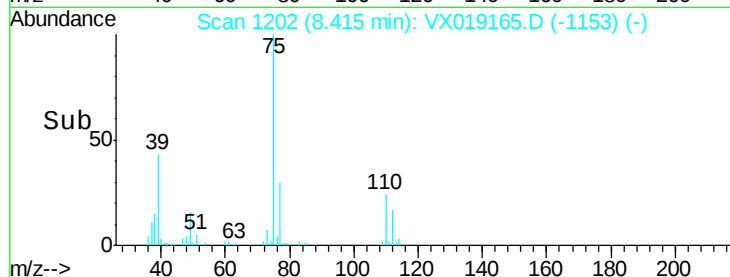
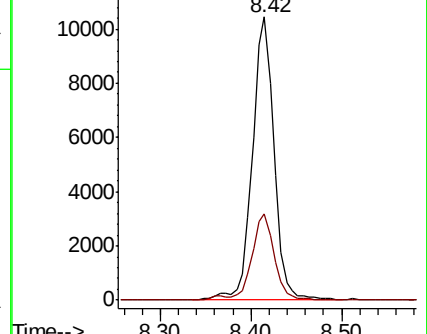
75 100

77 30.4 21.8 40.6



Abundance Ion 75.05 (74.75 to 75.75): VX0

Ion 77.05 (76.75 to 77.75): VX0



#40

4-Methyl-2-pentanone

Concen: 8.377 ug/L

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX019165.D

Acq: 28 Oct 2020 15:45

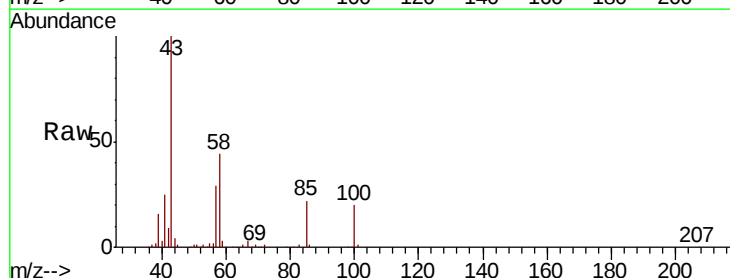
Tgt Ion: 43 Resp: 60289

Ion Ratio Lower Upper

43 100

58 43.8 34.1 51.1

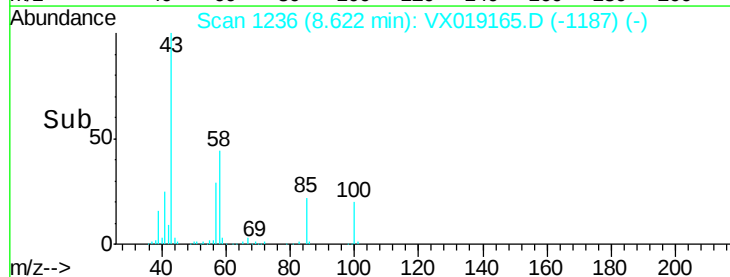
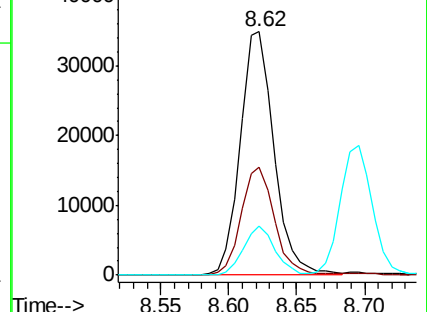
100 19.1 15.0 22.4

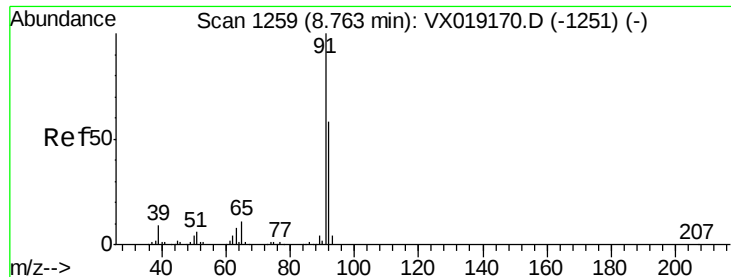


Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 58.05 (57.75 to 58.75): VX0

Ion 100.15 (99.85 to 100.85): V





#42

Toluene

Concen: 0.908 ug/L

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019165.D

Acq: 28 Oct 2020 15:45

Instrument :

MSVOA_X

ClientSampleId :

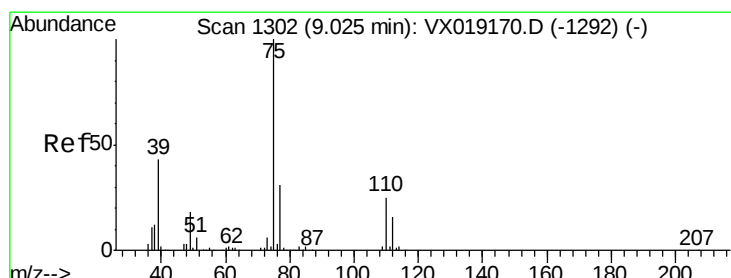
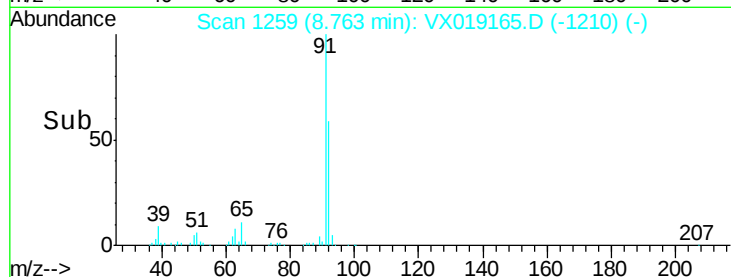
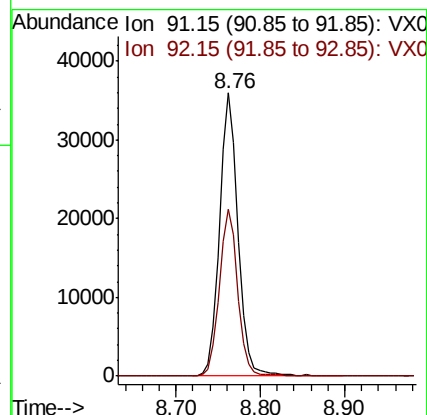
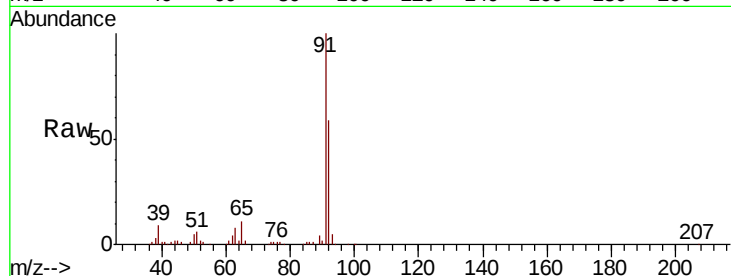
VSTD001302

Tot Ion: 91 Resp: 54604

Ion Ratio Lower Upper

91 100

92 59.1 40.7 75.7



#44

trans-1,3-Dichloropropene

Concen: 0.827 ug/L

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX019165.D

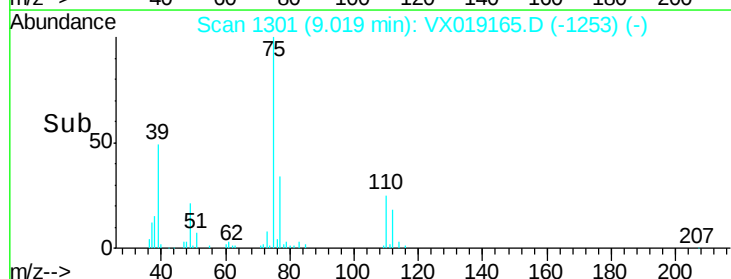
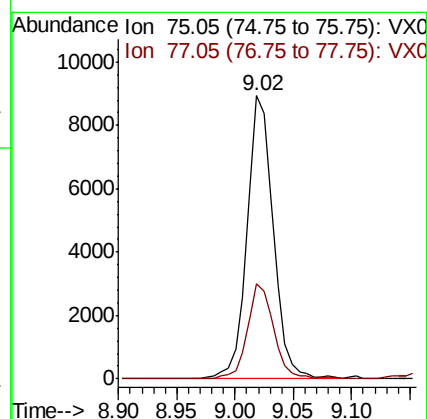
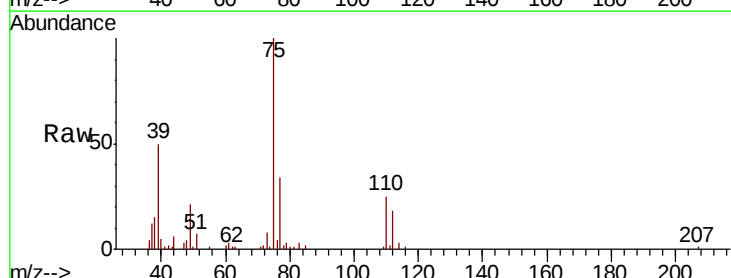
Acq: 28 Oct 2020 15:45

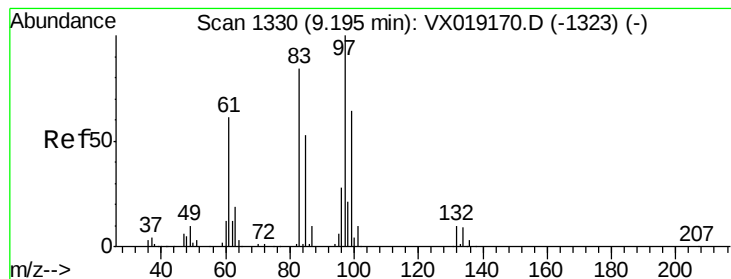
Tgt Ion: 75 Resp: 14122

Ion Ratio Lower Upper

75 100

77 33.8 21.7 40.3





#45

1,1,2-Trichloroethane

Concen: 0.893 ug/L

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX019165.D

Acq: 28 Oct 2020 15:45

Instrument :

MSVOA_X

ClientSampleId :

VSTD001302

Tot Ion: 97 Resp: 8608

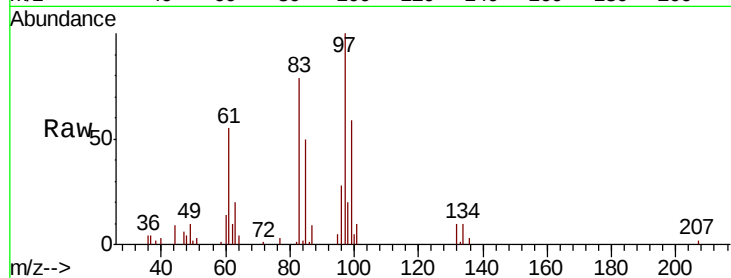
Ion Ratio Lower Upper

97 100

99 59.4 44.8 83.2

83 79.3 59.1 109.7

85 50.5 37.4 69.4

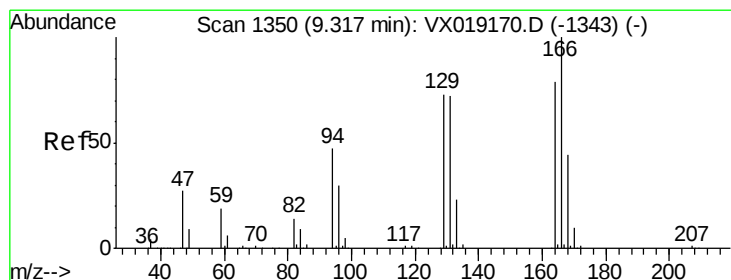
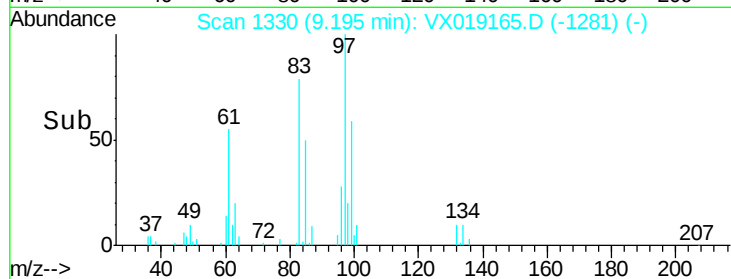
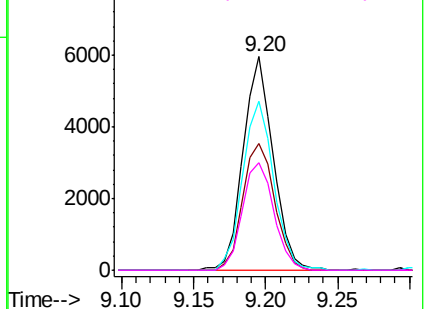


Abundance Ion 96.95 (96.65 to 97.65): VX0

Ion 99.05 (98.75 to 99.75): VX0

Ion 82.95 (82.65 to 83.65): VX0

Ion 85.00 (84.70 to 85.70): VX0



#47

Tetrachloroethene

Concen: 0.925 ug/L

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX019165.D

Acq: 28 Oct 2020 15:45

Tgt Ion: 164 Resp: 10636

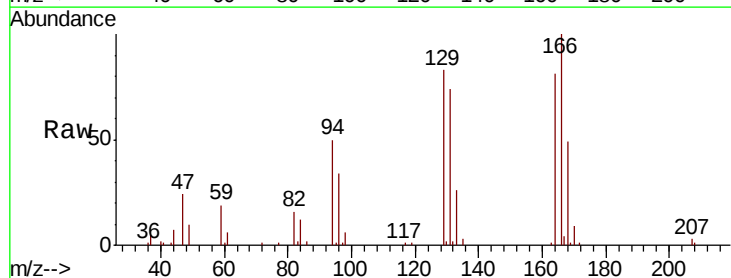
Ion Ratio Lower Upper

164 100

129 101.8 64.2 119.2

131 91.4 63.8 118.4

166 122.7 88.3 164.1

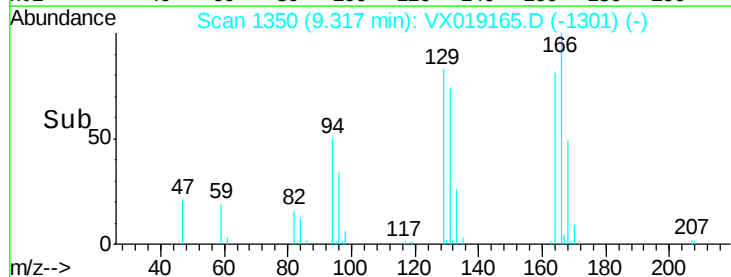
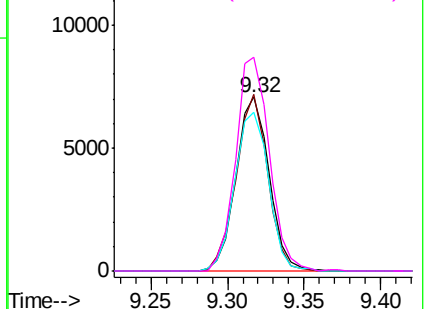


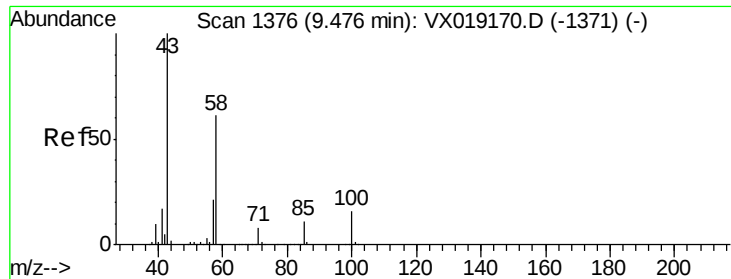
Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

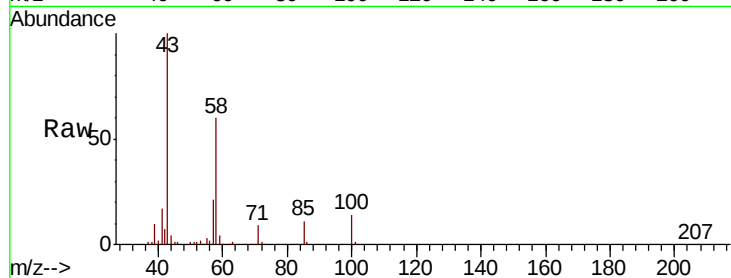




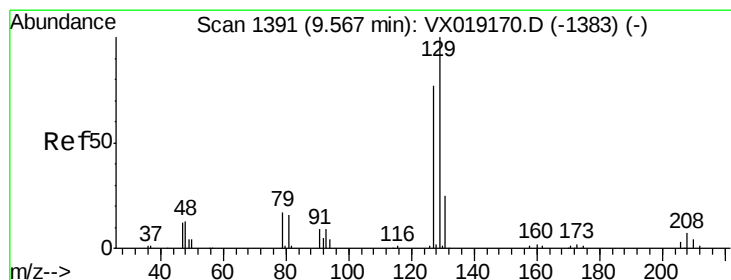
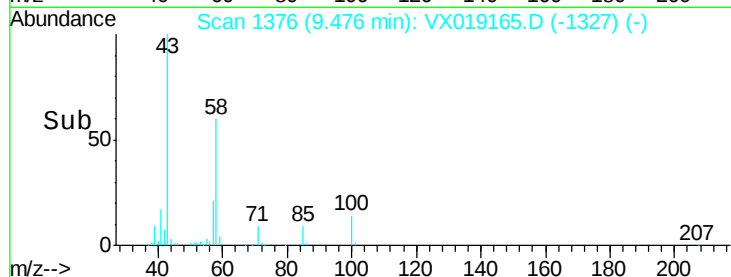
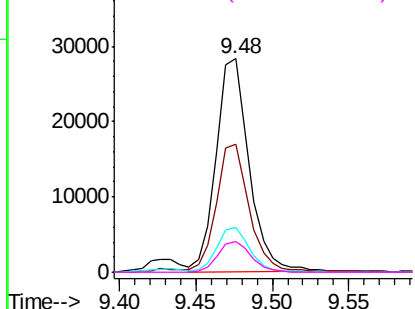
#48
2-Hexanone
Concen: 8.323 ug/L
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX019165.D
Acq: 28 Oct 2020 15:45

Instrument :
MSVOA_X
ClientSampleId :
VSTD001302

Tot Ion: 43 Resp: 42123
Ion Ratio Lower Upper
43 100
58 61.5 49.3 73.9
57 21.0 17.2 25.8
100 14.5 11.8 17.8

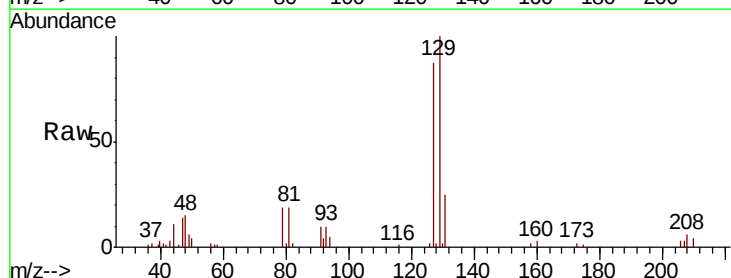


Abundance Ion 43.05 (42.75 to 43.75): VX0
Ion 58.05 (57.75 to 58.75): VX0
Ion 57.20 (56.90 to 57.90): VX0
Ion 100.15 (99.85 to 100.85): V

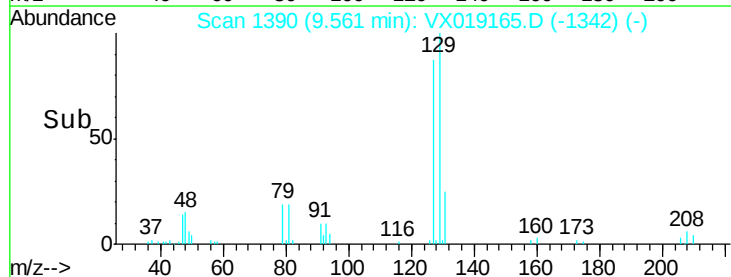
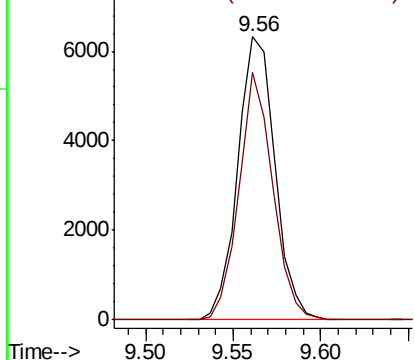


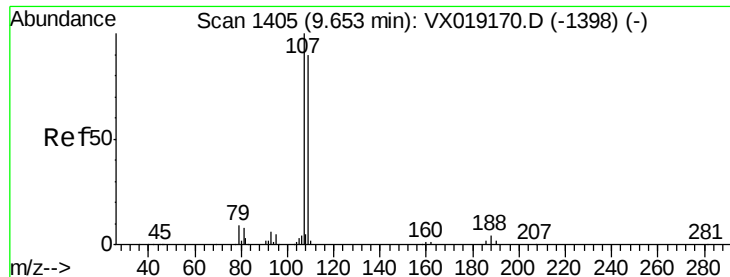
#49
Dibromochloromethane
Concen: 0.845 ug/L
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX019165.D
Acq: 28 Oct 2020 15:45

Tgt Ion: 129 Resp: 9355
Ion Ratio Lower Upper
129 100
127 87.4 53.6 99.6



Abundance Ion 128.95 (128.65 to 129.65): V
Ion 126.90 (126.60 to 127.60): V

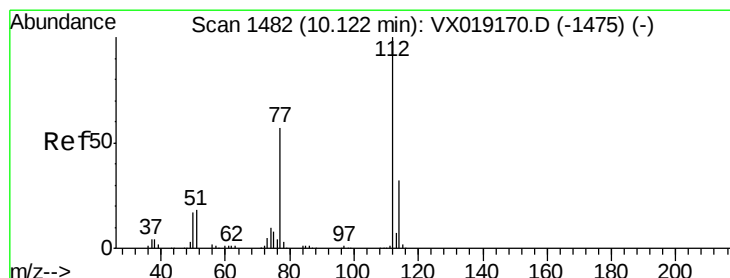
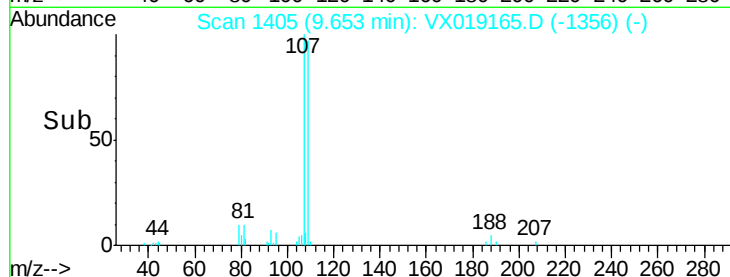
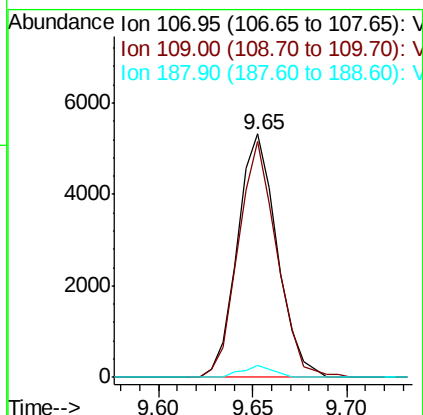
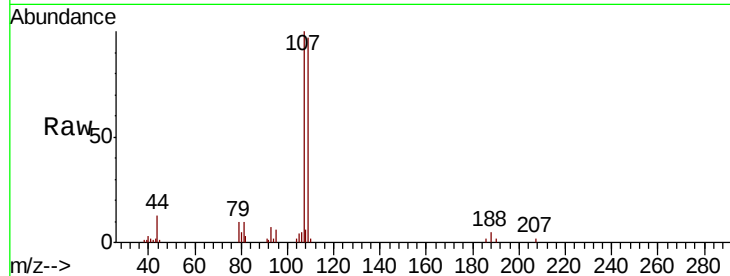




#50
 1,2-Dibromoethane
 Concen: 0.868 ug/L
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX019165.D
 Acq: 28 Oct 2020 15:45

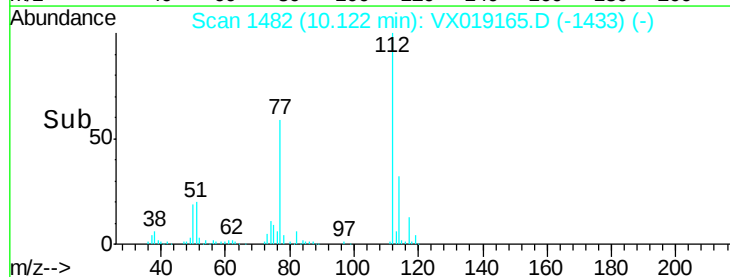
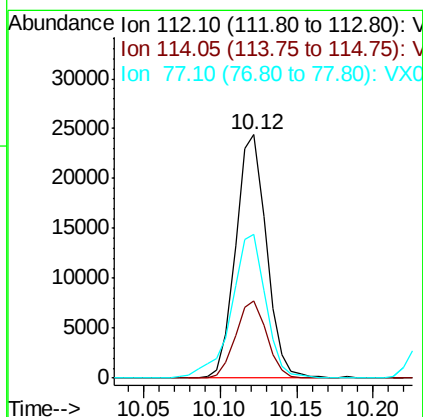
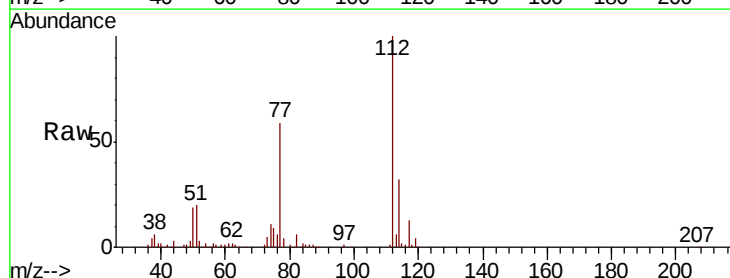
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD001302

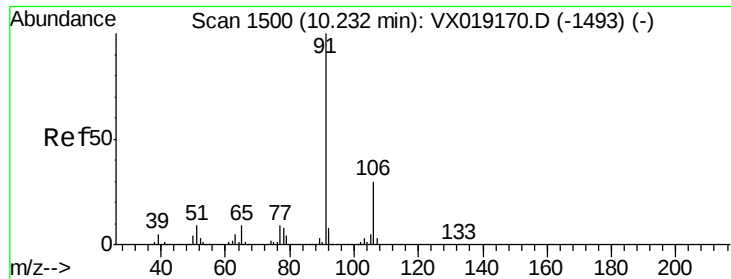
Tot Ion:107 Resp: 7766
 Ion Ratio Lower Upper
 107 100
 109 97.1 62.9 116.9
 188 4.6 3.0 4.4#



#51
 Chlorobenzene
 Concen: 0.912 ug/L
 RT: 10.12 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: VX019165.D
 Acq: 28 Oct 2020 15:45

Tgt Ion:112 Resp: 34197
 Ion Ratio Lower Upper
 112 100
 114 31.6 22.5 41.9
 77 59.1 46.2 69.2





#52

Ethylbenzene

Concen: 0.895 ug/L

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX019165.D

Acq: 28 Oct 2020 15:45

Instrument :

MSVOA_X

ClientSampled :

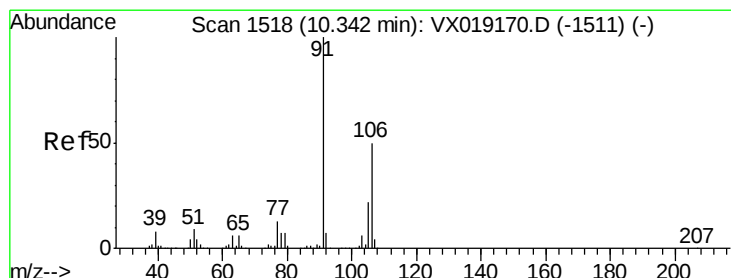
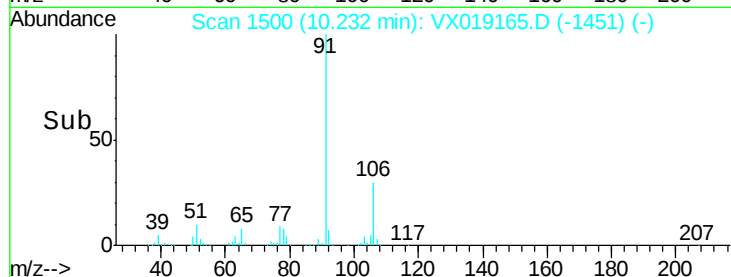
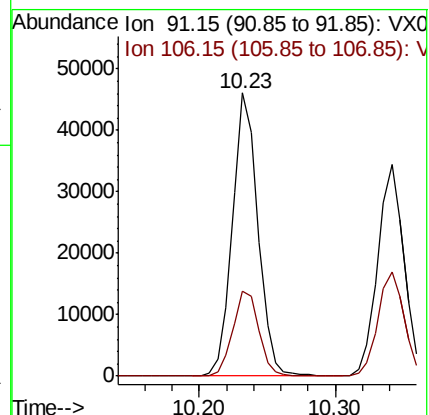
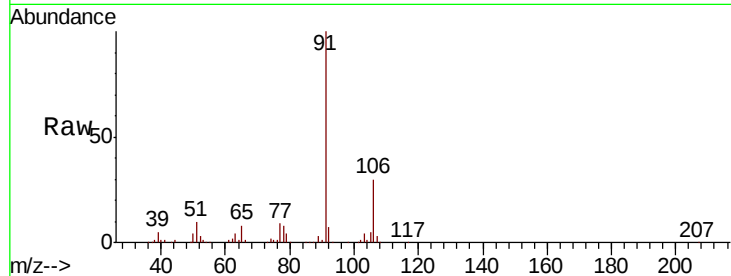
VSTD001302

Tot Ion: 91 Resp: 60035

Ion Ratio Lower Upper

91 100

106 30.0 21.1 39.1



#53

m,p-xylene

Concen: 0.890 ug/L

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX019165.D

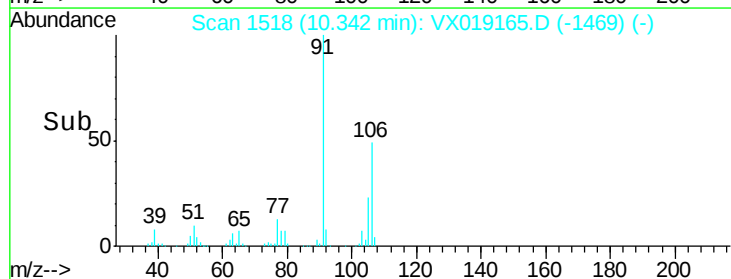
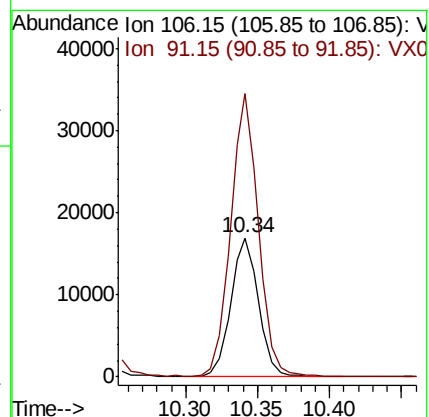
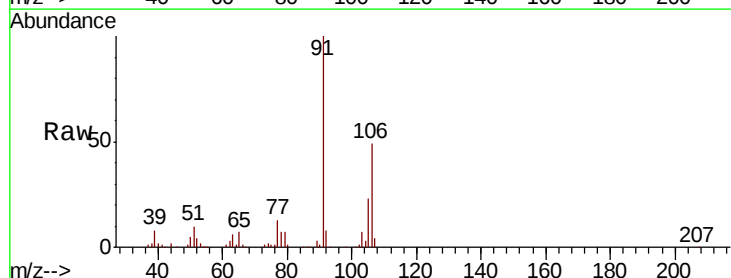
Acq: 28 Oct 2020 15:45

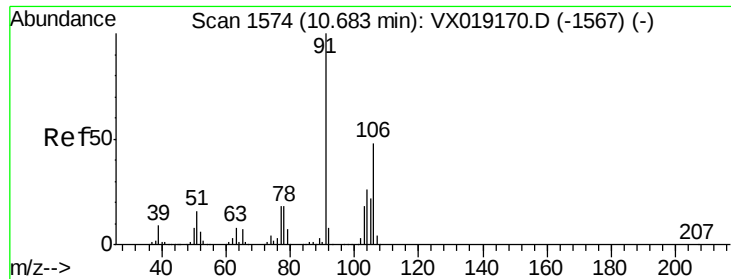
Tgt Ion: 106 Resp: 22948

Ion Ratio Lower Upper

106 100

91 203.1 141.5 262.7

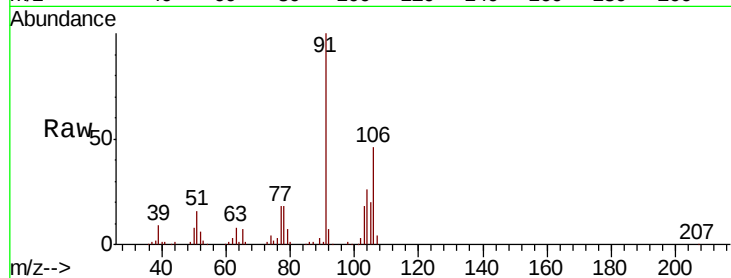




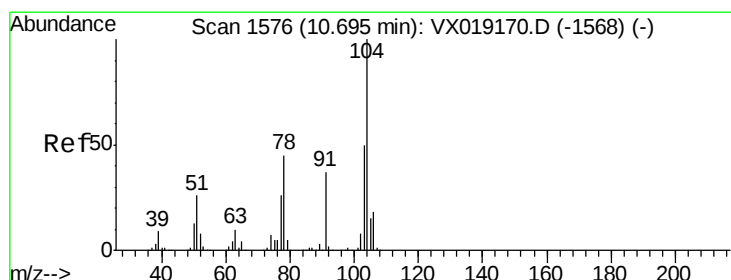
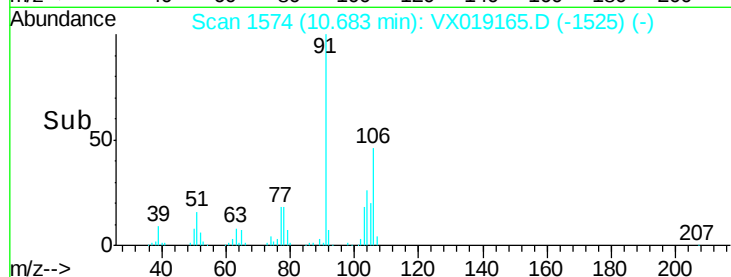
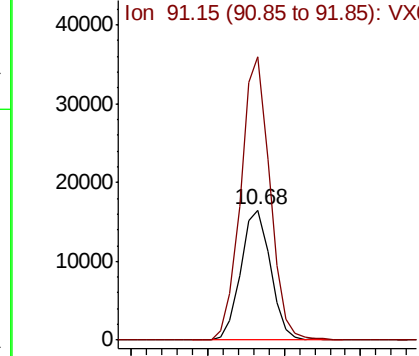
#54
o-xylene
Concen: 0.899 ug/L
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019165.D
Acq: 28 Oct 2020 15:45

Instrument :
MSVOA_X
ClientSampleId :
VSTD001302

Tot Ion:106 Resp: 22256
Ion Ratio Lower Upper
106 100
91 217.7 145.9 271.1

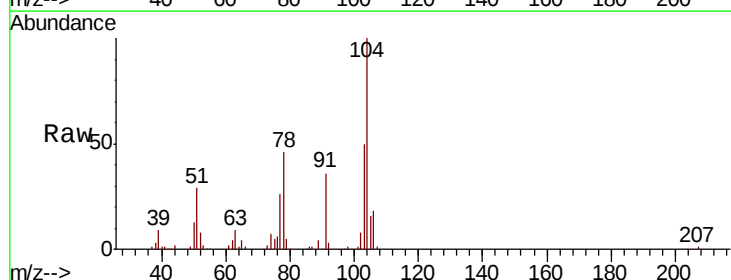


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VX0

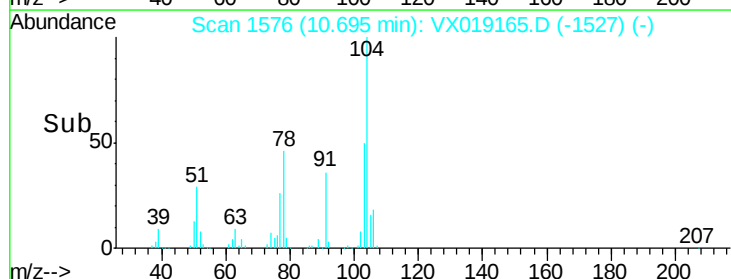
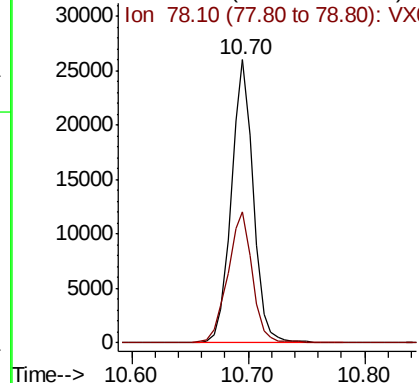


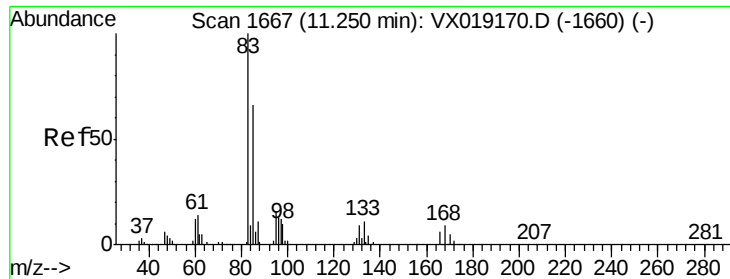
#55
Styrene
Concen: 0.835 ug/L
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019165.D
Acq: 28 Oct 2020 15:45

Tgt Ion:104 Resp: 34072
Ion Ratio Lower Upper
104 100
78 46.2 31.7 58.9



Abundance Ion 104.10 (103.80 to 104.80): V
Ion 78.10 (77.80 to 78.80): VX0





#57

1,1,2,2-Tetrachloroethane

Concen: 0.857 ug/L

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019165.D

Acq: 28 Oct 2020 15:45

Instrument :

MSVOA_X

ClientSampleId :

VSTD001302

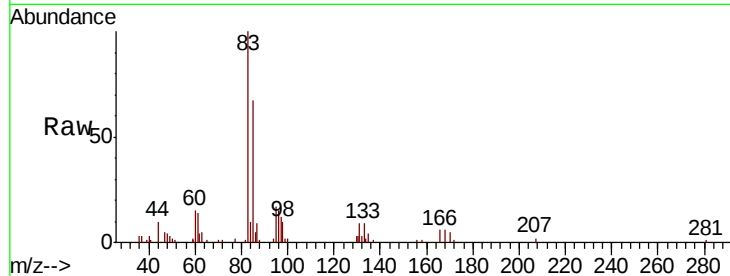
Tot Ion: 83 Resp: 9460

Ion Ratio Lower Upper

83 100

85 67.0 46.0 85.4

131 9.2 7.7 11.5

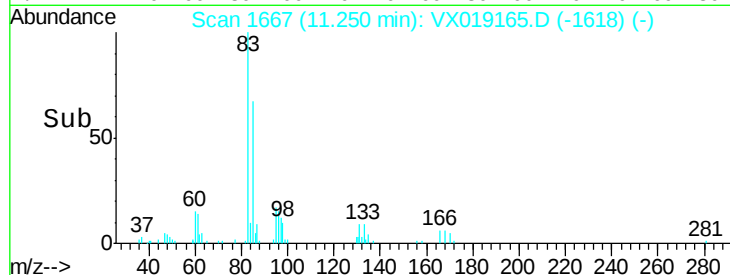


Abundance Ion 82.95 (82.65 to 83.65): VX019165.D (-1618) (-)

Ion 85.00 (84.70 to 85.70): VX019165.D (-1618) (-)

Ion 130.95 (130.65 to 131.65): VX019165.D (-1618) (-)

Time-->

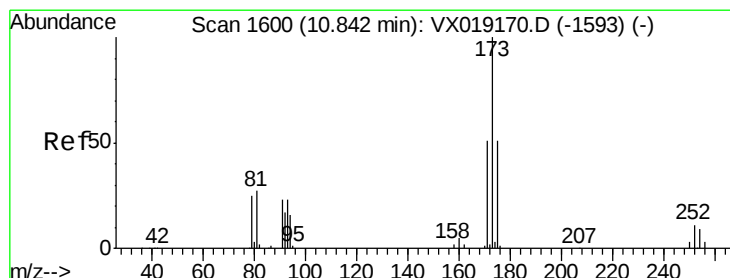


Abundance Ion 82.95 (82.65 to 83.65): VX019165.D (-1618) (-)

Ion 85.00 (84.70 to 85.70): VX019165.D (-1618) (-)

Ion 130.95 (130.65 to 131.65): VX019165.D (-1618) (-)

Time-->



#59

Bromoform

Concen: 0.851 ug/L

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX019165.D

Acq: 28 Oct 2020 15:45

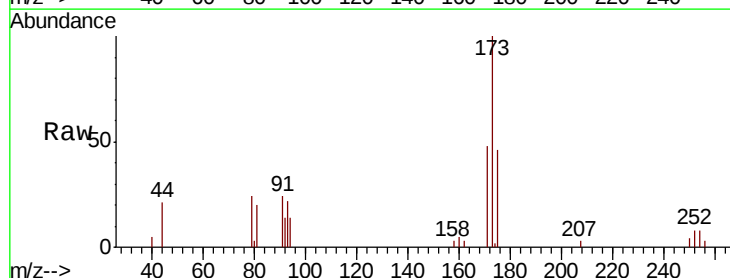
Tgt Ion: 173 Resp: 4955

Ion Ratio Lower Upper

173 100

175 44.9 38.6 57.8

254 9.1 7.4 11.0

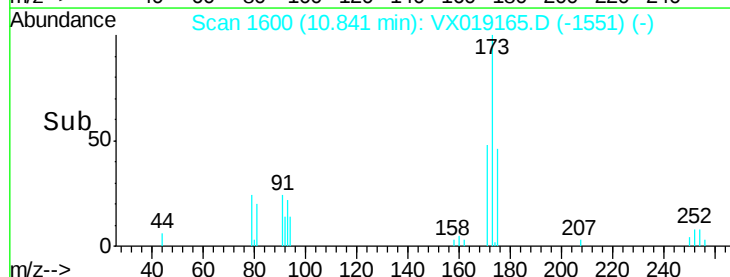


Abundance Ion 172.90 (172.60 to 173.60): VX019165.D (-1551) (-)

Ion 174.90 (174.60 to 175.60): VX019165.D (-1551) (-)

Ion 253.75 (253.45 to 254.45): VX019165.D (-1551) (-)

Time-->

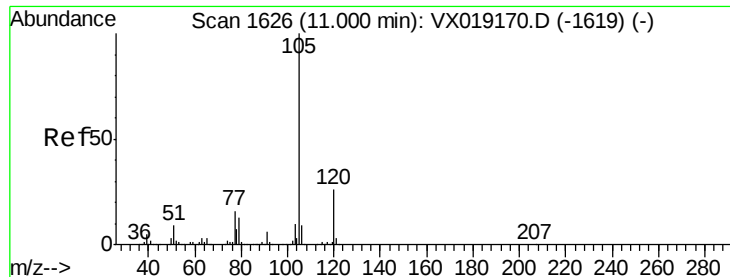


Abundance Ion 172.90 (172.60 to 173.60): VX019165.D (-1551) (-)

Ion 174.90 (174.60 to 175.60): VX019165.D (-1551) (-)

Ion 253.75 (253.45 to 254.45): VX019165.D (-1551) (-)

Time-->



#60

Isopropylbenzene

Concen: 0.908 ug/L

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019165.D

Acq: 28 Oct 2020 15:45

Instrument :

MSVOA_X

ClientSampleId :

VSTD001302

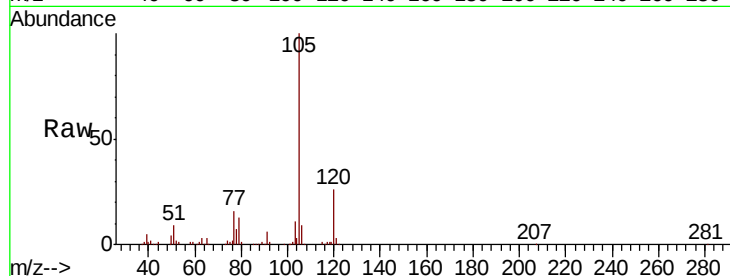
Tot Ion:105 Resp: 58988

Ion Ratio Lower Upper

105 100

120 26.2 21.4 32.2

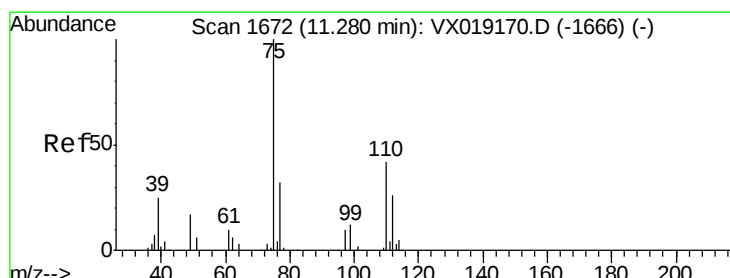
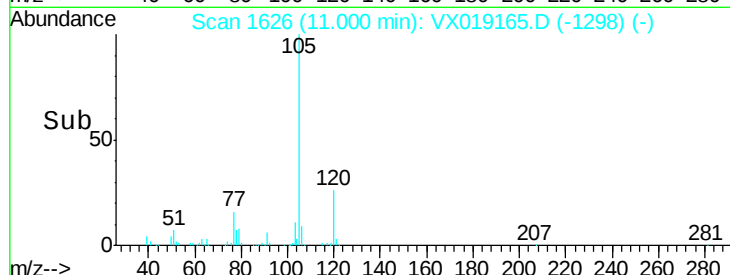
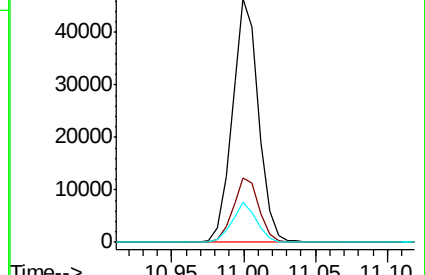
77 15.5 12.9 19.3



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



#61

1,2,3-Trichloropropane

Concen: 0.892 ug/L

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019165.D

Acq: 28 Oct 2020 15:45

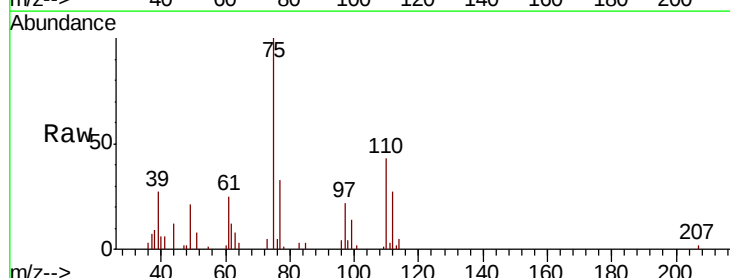
Tgt Ion: 75 Resp: 7185

Ion Ratio Lower Upper

75 100

77 32.1 25.6 38.4

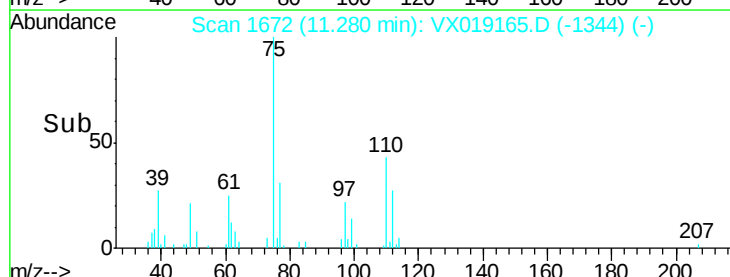
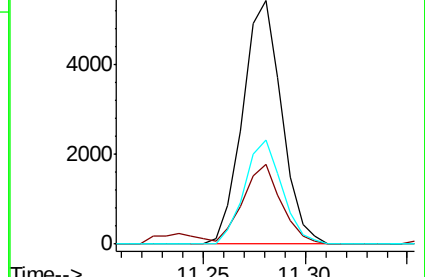
110 41.4 32.4 48.6

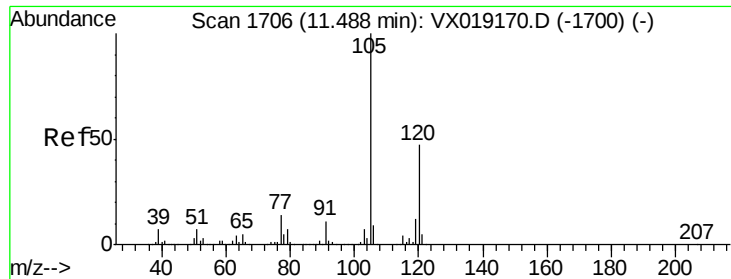


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 110.00 (109.70 to 110.70): V

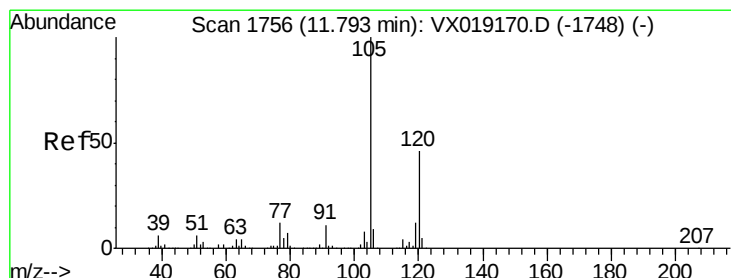
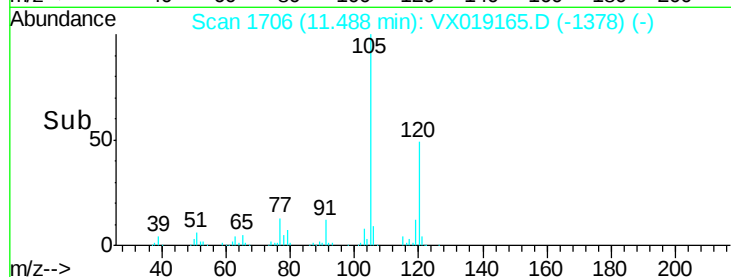
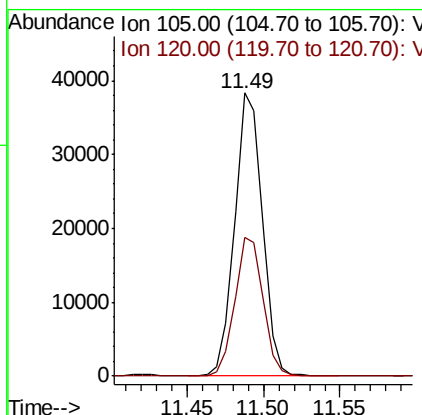
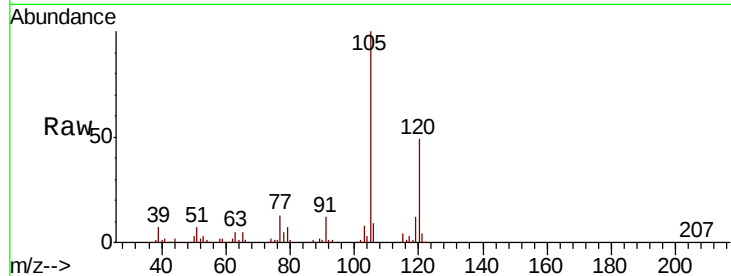




#62
 1,3,5-Trimethylbenzene
 Concen: 0.875 ug/L
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX019165.D
 Acq: 28 Oct 2020 15:45

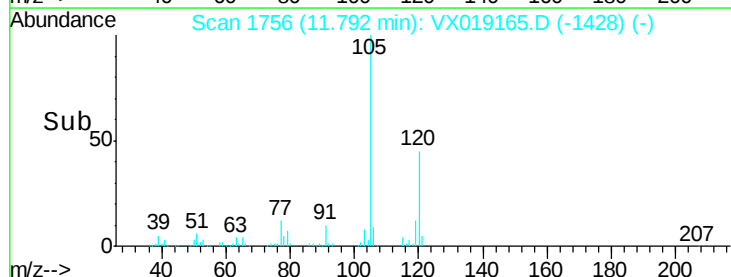
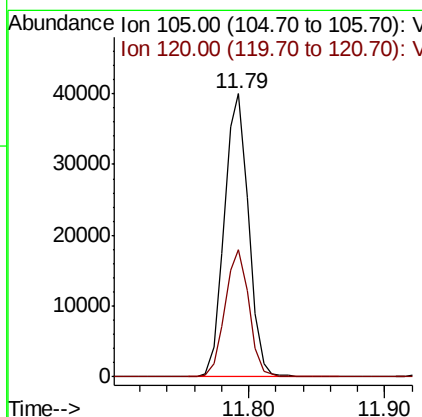
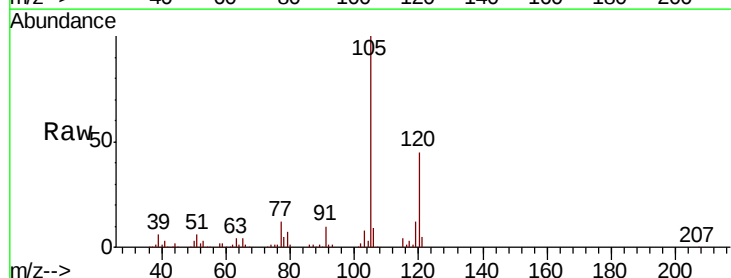
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD001302

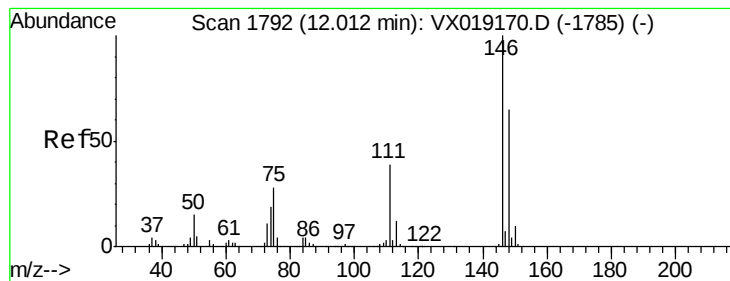
Tot Ion:105 Resp: 48164
 Ion Ratio Lower Upper
 105 100
 120 49.7 38.9 58.3



#63
 1,2,4-Trimethylbenzene
 Concen: 0.886 ug/L
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX019165.D
 Acq: 28 Oct 2020 15:45

Tgt Ion:105 Resp: 49403
 Ion Ratio Lower Upper
 105 100
 120 44.2 36.1 54.1





#64

1,3-Dichlorobenzene

Concen: 0.903 ug/L

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX019165.D

Acq: 28 Oct 2020 15:45

Instrument :

MSVOA_X

ClientSampled :

VSTD001302

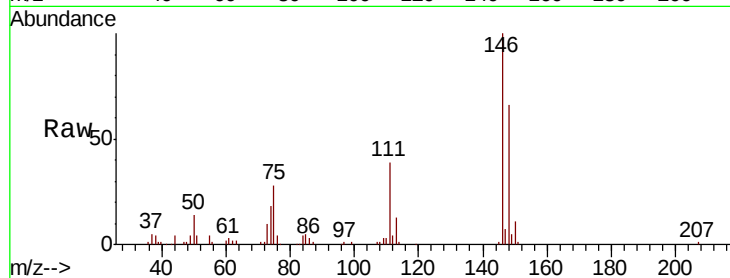
Tot Ion:146 Resp: 26308

Ion Ratio Lower Upper

146 100

111 38.7 27.3 50.7

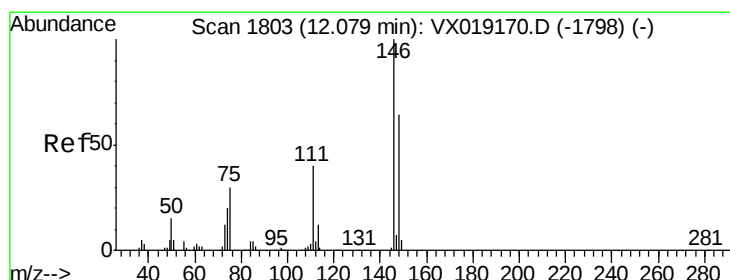
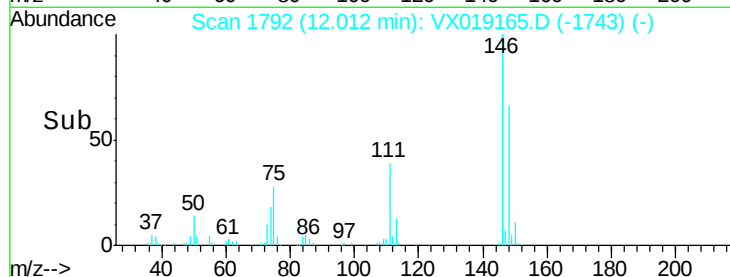
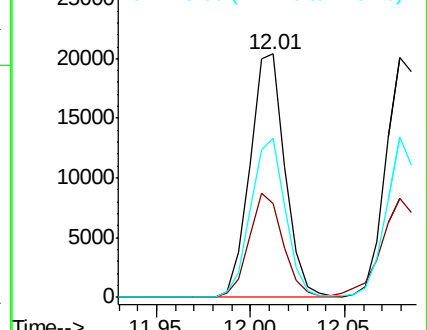
148 65.6 45.4 84.2



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#65

1,4-Dichlorobenzene

Concen: 0.928 ug/L

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX019165.D

Acq: 28 Oct 2020 15:45

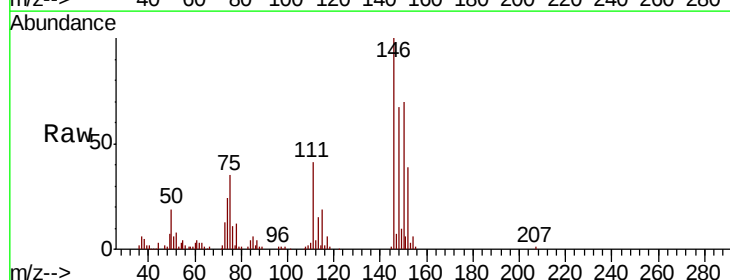
Tgt Ion:146 Resp: 26336

Ion Ratio Lower Upper

146 100

111 41.3 28.1 52.3

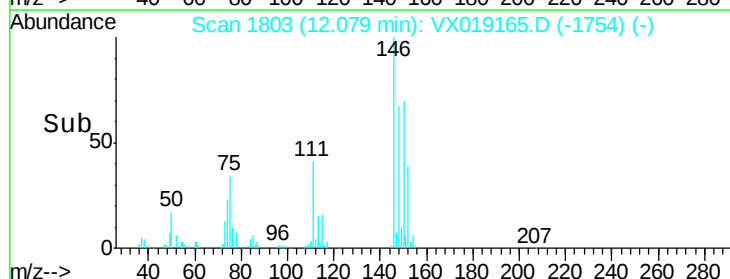
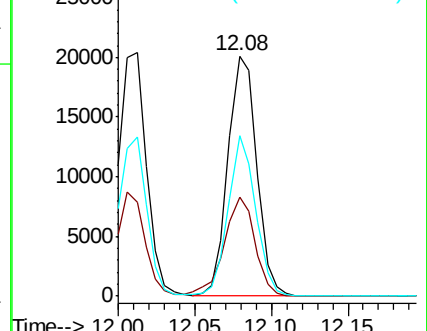
148 67.1 44.5 82.7

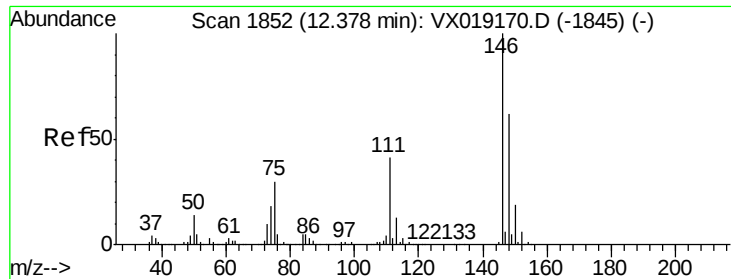


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

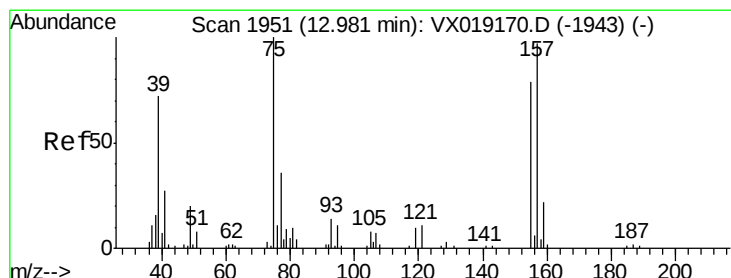
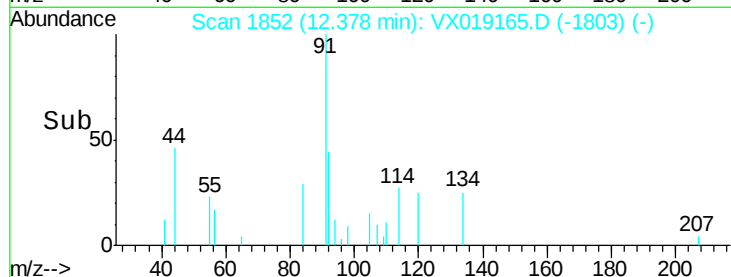
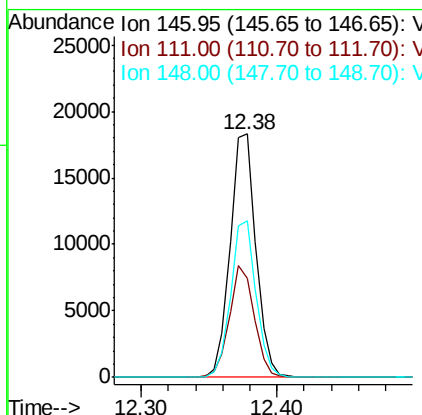
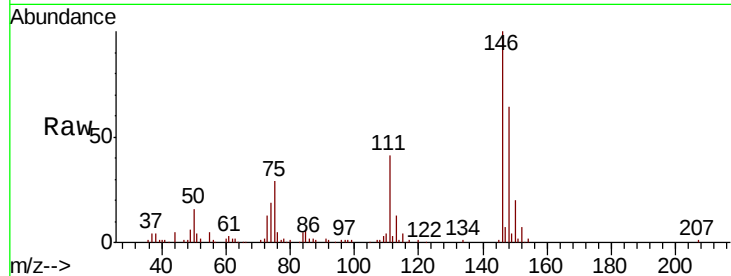




#67
 1,2-Dichlorobenzene
 Concen: 0.910 ug/L
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX019165.D
 Acq: 28 Oct 2020 15:45

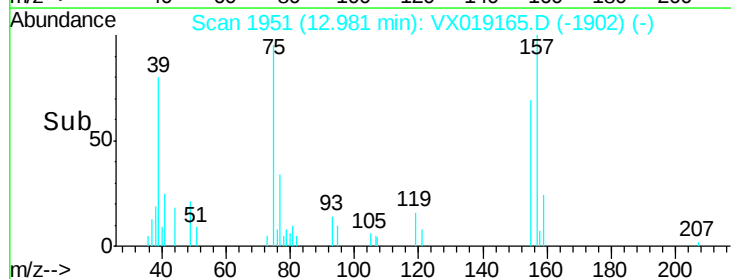
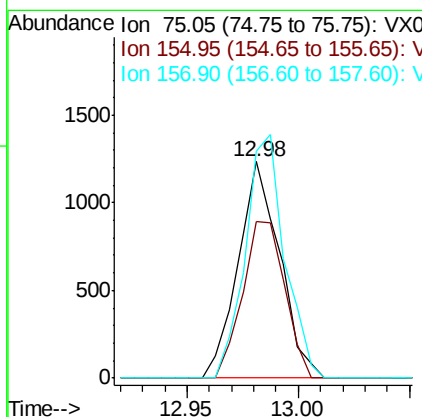
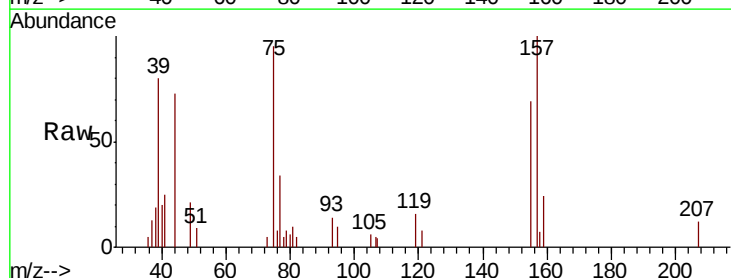
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD001302

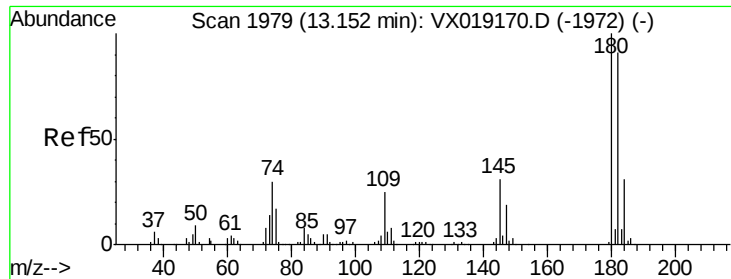
Tot Ion:146 Resp: 24214
 Ion Ratio Lower Upper
 146 100
 111 40.8 32.6 49.0
 148 64.3 49.4 74.2



#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.865 ug/L
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019165.D
 Acq: 28 Oct 2020 15:45

Tgt Ion: 75 Resp: 1608
 Ion Ratio Lower Upper
 75 100
 155 72.3 62.9 94.3
 157 105.2 77.5 116.3

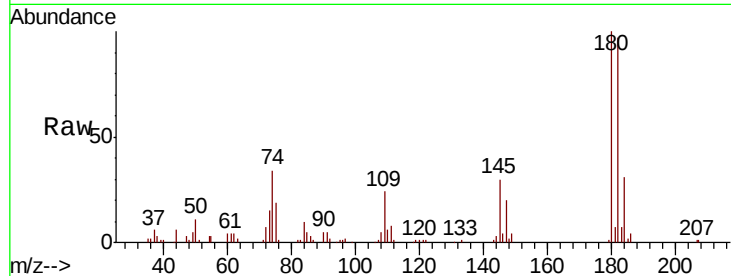




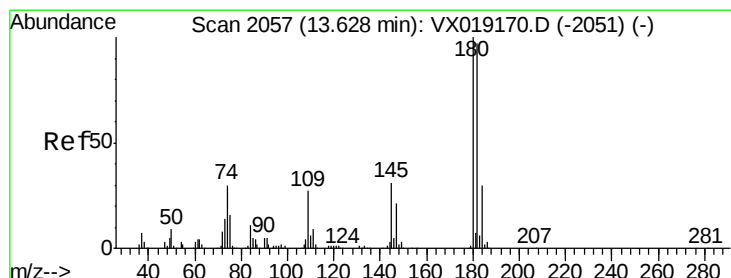
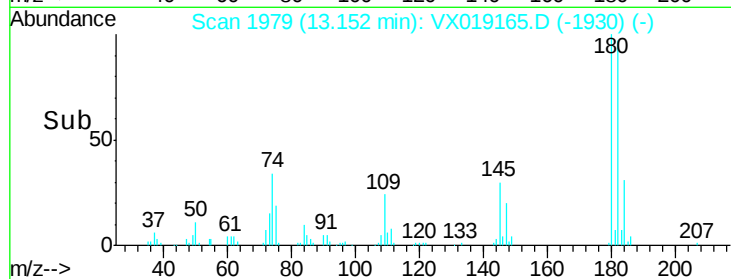
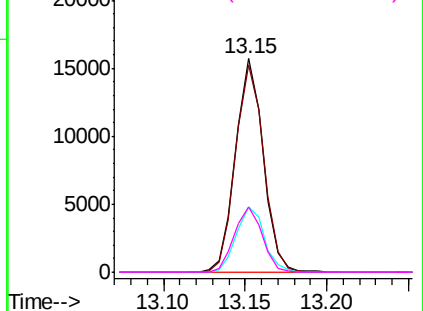
#69
 1,3,5-Trichlorobenzene
 Concen: 0.858 ug/L
 RT: 13.15 min Scan# 1979
 Delta R.T. -0.00 min
 Lab File: VX019165.D
 Acq: 28 Oct 2020 15:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD001302

Tot Ion:180	Resp:	18649
Ion Ratio	Lower	Upper
180	100	
182	98.3	74.1 111.1
184	30.9	24.4 36.6
145	30.4	24.9 37.3

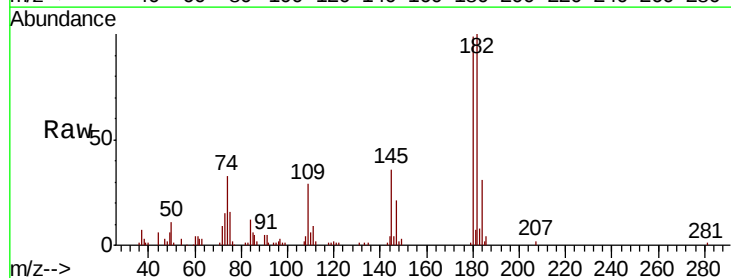


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

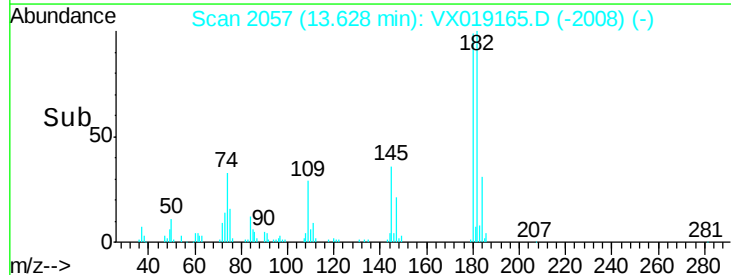
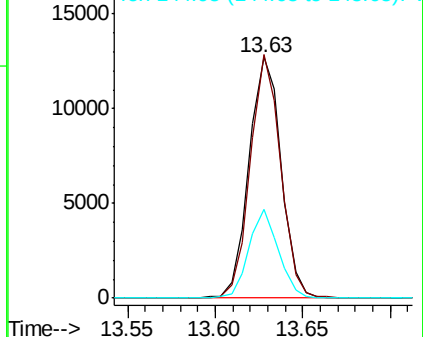


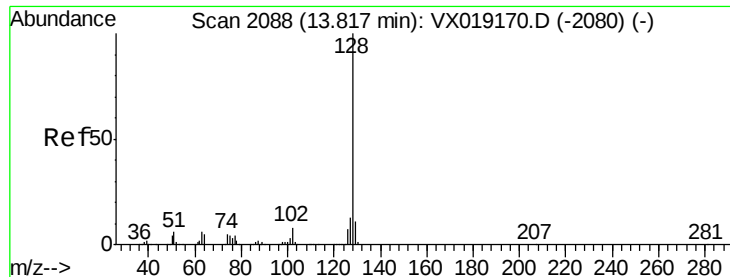
#70
 1,2,4-trichlorobenzene
 Concen: 0.877 ug/L
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019165.D
 Acq: 28 Oct 2020 15:45

Tgt Ion:180	Resp:	16215
Ion Ratio	Lower	Upper
180	100	
182	95.1	77.8 116.6
145	33.6	25.0 37.4



Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V





#71

Naphthalene

Concen: 0.813 ug/L

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX019165.D

Acq: 28 Oct 2020 15:45

Instrument :

MSVOA_X

ClientSampleId :

VSTD001302

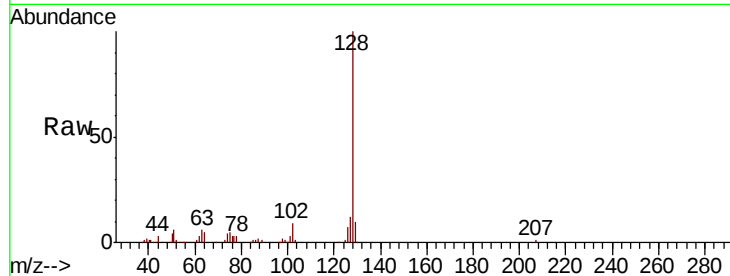
Tot Ion:128 Resp: 27992

Ion Ratio Lower Upper

128 100

129 11.1 8.6 13.0

127 13.2 10.1 15.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

13.82

25000

20000

15000

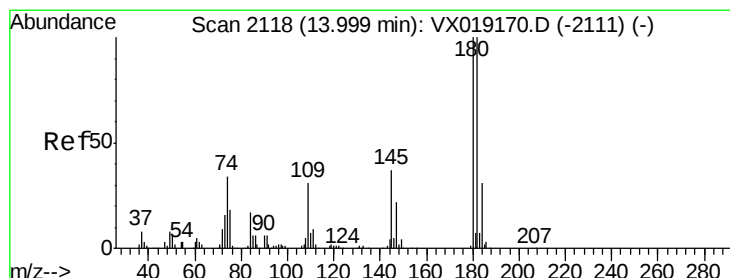
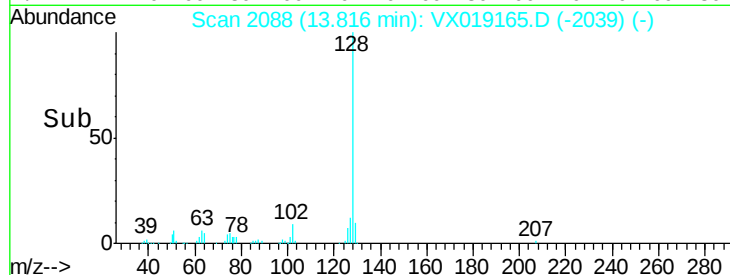
10000

5000

0

Time-->

13.75 13.80 13.85 13.90



#72

1,2,3-Trichlorobenzene

Concen: 0.884 ug/L

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX019165.D

Acq: 28 Oct 2020 15:45

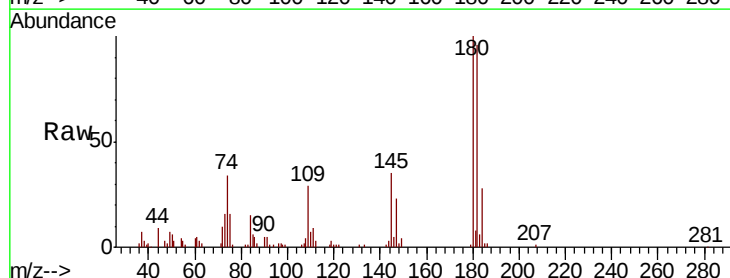
Tgt Ion:180 Resp: 14530

Ion Ratio Lower Upper

180 100

182 97.7 77.0 115.4

145 33.4 27.8 41.6



Abundance Ion 179.90 (179.60 to 180.60): V

Ion 181.90 (181.60 to 182.60): V

Ion 144.95 (144.65 to 145.65): V

14.00

15000

10000

5000

0

Time-->

13.95 14.00 14.05

