

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081920\
 Data File : VX017964.D
 Acq On : 18 Aug 2020 18:12
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Aug 19 02:57:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081920W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 02:55:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	489942	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.84	114	740232	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	726790	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	359946	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	37598	5.93	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	11.86%	
35) Dibromofluoromethane	5.46	113	28713	5.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.54%	
50) Toluene-d8	8.70	98	97026	5.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.82%	
62) 4-Bromofluorobenzene	11.12	95	34564	4.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.62%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	25257	4.532	ug/l	90
3) Chloromethane	1.31	50	25006	3.749	ug/l	99
4) Vinyl Chloride	1.39	62	23306	3.679	ug/l	94
5) Bromomethane	1.62	94	14317	3.906	ug/l	96
6) Chloroethane	1.70	64	15030	3.973	ug/l	98
7) Trichlorofluoromethane	1.92	101	46232	4.644	ug/l	88
8) Diethyl Ether	2.17	74	15920	4.624	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.36	101	26210	4.983	ug/l	99
10) Methyl Iodide	2.49	142	25361	3.772	ug/l	99
11) Tert butyl alcohol	3.02	59	34433	26.278	ug/l	98
12) 1,1-Dichloroethene	2.35	96	22997	4.647	ug/l	88
13) Acrolein	2.27	56	18638	21.686	ug/l	97
14) Allyl chloride	2.70	41	39758	4.460	ug/l	96
15) Acrylonitrile	3.12	53	69953	24.552	ug/l	100
16) Acetone	2.42	43	64071	23.053	ug/l	99
17) Carbon Disulfide	2.54	76	45911	3.108	ug/l	98
18) Methyl Acetate	2.75	43	31672	4.852	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	74077	4.273	ug/l	100
20) Methylene Chloride	2.84	84	28967	4.869	ug/l	95
21) trans-1,2-Dichloroethene	3.15	96	22913	4.351	ug/l	91
22) Diisopropyl ether	3.82	45	75814	4.477	ug/l #	86
23) Vinyl Acetate	3.79	43	311933	21.400	ug/l	99
24) 1,1-Dichloroethane	3.67	63	48414	4.994	ug/l	99
25) 2-Butanone	4.64	43	97036	24.391	ug/l	95
26) 2,2-Dichloropropane	4.55	77	43986	5.043	ug/l	95
27) cis-1,2-Dichloroethene	4.56	96	27317	4.673	ug/l	97
28) Bromochloromethane	4.98	49	23277	5.216	ug/l	99
29) Tetrahydrofuran	5.09	42	55089	22.256	ug/l	98
30) Chloroform	5.18	83	50310	5.036	ug/l	96
31) Cyclohexane	5.55	56	29071	3.686	ug/l	93
32) 1,1,1-Trichloroethane	5.46	97	45736	4.870	ug/l	98
36) 1,1-Dichloropropene	5.77	75	29867	4.236	ug/l	92
37) Ethyl Acetate	4.80	43	40860	5.385	ug/l	99
38) Carbon Tetrachloride	5.75	117	40112	4.636	ug/l	94

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Aug 19 02:57:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081920W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 02:55:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	28203	3.389	ug/l	96
40) Benzene	6.11	78	98265	4.874	ug/l	97
41) Methacrylonitrile	5.00	41	19356	4.366	ug/l	94
42) 1,2-Dichloroethane	6.16	62	40978	4.954	ug/l	97
43) Isopropyl Acetate	6.42	43	57272	4.613	ug/l	97
44) Trichloroethene	7.19	130	28057	4.730	ug/l	89
45) 1,2-Dichloropropane	7.49	63	28484	5.026	ug/l	99
46) Dibromomethane	7.64	93	20337	5.089	ug/l	90
47) Bromodichloromethane	7.88	83	40384	4.927	ug/l	95
48) Methyl methacrylate	7.74	41	25069	3.926	ug/l	94
49) 1,4-Dioxane	7.72	88	10568	86.032	ug/l #	80
51) 4-Methyl-2-Pentanone	8.62	43	187547	24.425	ug/l	98
52) Toluene	8.77	92	60157	4.624	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	40462	4.560	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	42247	4.646	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	28138	5.152	ug/l	96
56) Ethyl methacrylate	9.16	69	33451	4.120	ug/l	97
57) 1,3-Dichloropropane	9.35	76	43633	4.877	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	85857	20.432	ug/l	98
59) 2-Hexanone	9.48	43	139599	24.292	ug/l	94
60) Dibromochloromethane	9.57	129	33855	4.905	ug/l	100
61) 1,2-Dibromoethane	9.65	107	29506	5.031	ug/l	97
64) Tetrachloroethene	9.32	164	29886	4.689	ug/l	94
65) Chlorobenzene	10.12	112	73081	4.703	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	30618	4.858	ug/l	98
67) Ethyl Benzene	10.24	91	108902	4.219	ug/l	99
68) m/p-Xylenes	10.34	106	80032	8.065	ug/l	99
69) o-Xylene	10.68	106	38958	4.063	ug/l	96
70) Styrene	10.70	104	62168	3.803	ug/l	94
71) Bromoform	10.84	173	26130	4.801	ug/l #	96
73) Isopropylbenzene	11.01	105	106857	4.350	ug/l	98
74) N-amyl acetate	10.88	43	44276	4.114	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	42780	5.478	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	49393	6.659	ug/l	85
77) Bromobenzene	11.24	156	32450	4.723	ug/l	99
78) n-propylbenzene	11.35	91	118357	4.253	ug/l	100
79) 2-Chlorotoluene	11.40	91	77002	4.474	ug/l	95
80) 1,3,5-Trimethylbenzene	11.49	105	87369	4.179	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	14135	4.797	ug/l	94
82) 4-Chlorotoluene	11.49	91	90554	4.492	ug/l	100
83) tert-Butylbenzene	11.76	119	87989	4.416	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	88113	4.170	ug/l	100
85) sec-Butylbenzene	11.93	105	98881	4.227	ug/l	99
86) p-Isopropyltoluene	12.05	119	89038	4.009	ug/l	96
87) 1,3-Dichlorobenzene	12.01	146	57649	4.913	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	57609	4.727	ug/l	94
89) n-Butylbenzene	12.37	91	81258	4.132	ug/l	96
90) Hexachloroethane	12.58	117	22166	5.037	ug/l	92
91) 1,2-Dichlorobenzene	12.38	146	53903	4.653	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	12.98	75	10512	4.940	ug/l	90

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Acq On : 18 Aug 2020 18:12
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Sample : VSTDICC005
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Aug 19 02:57:42 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081920W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 19 02:55:45 2020
Response via : Initial Calibration

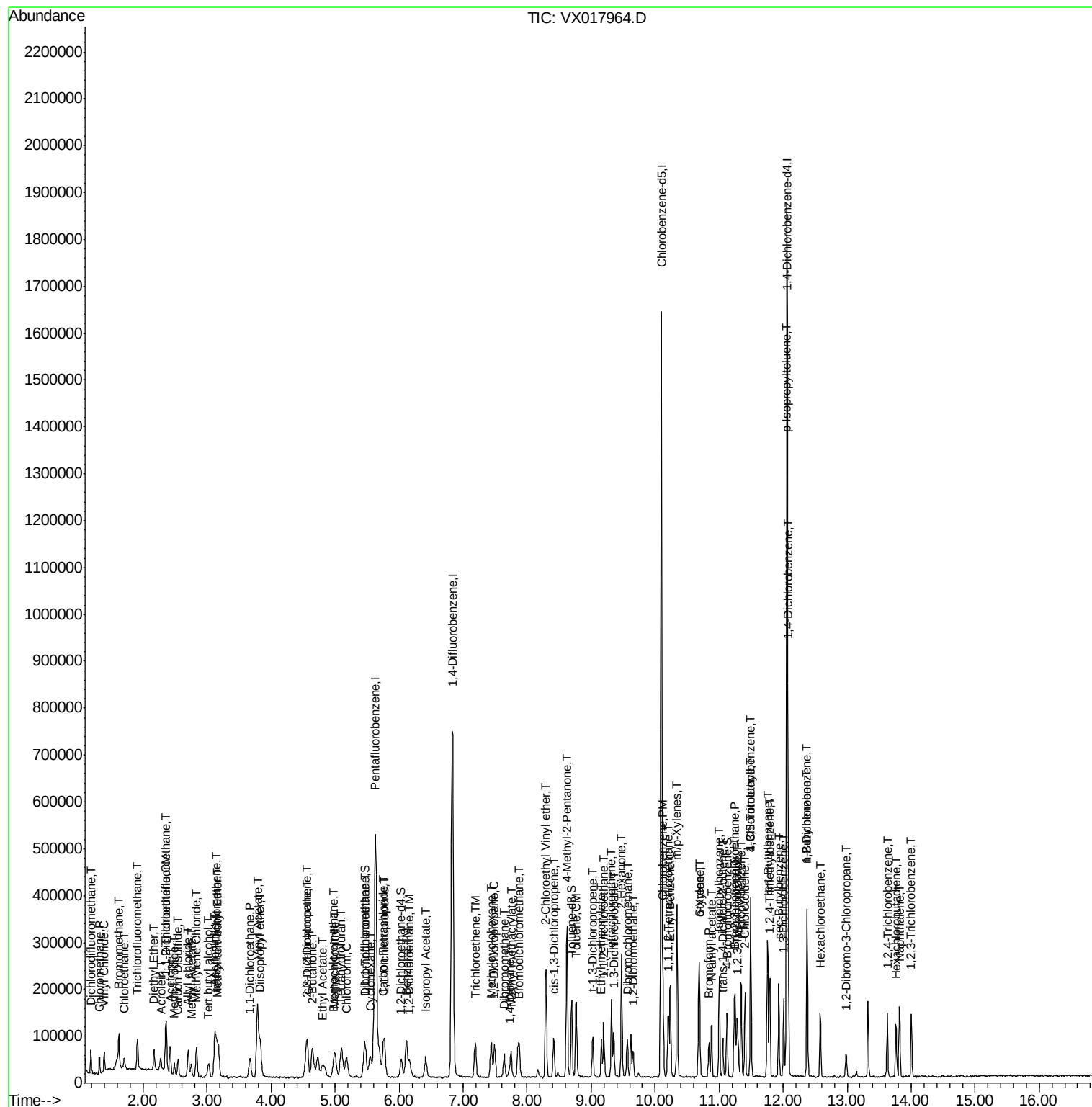
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	32687	4.221	ug/l	95
94) Hexachlorobutadiene	13.76	225	15299	4.300	ug/l	96
95) Naphthalene	13.82	128	90921	3.904	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	32753	4.233	ug/l	99

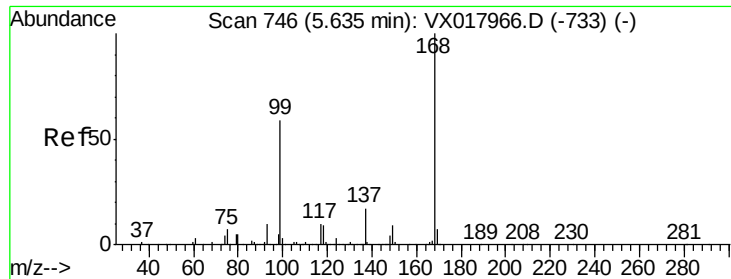
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX081920\
Data File : VX017964.D
Acq On : 18 Aug 2020 18:12
Operator : JC/SP
Sample : VSTDIC005
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Quant Time: Aug 19 02:57:42 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X081920W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 19 02:55:45 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX017964.D

Acq: 18 Aug 2020 18:12

Instrument :

MSVOA_X

ClientSampleId :

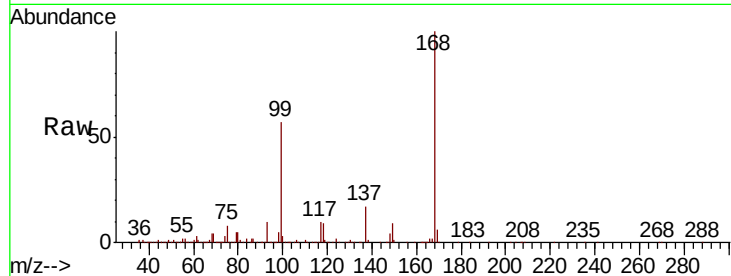
VSTDIC005

Tot Ion:168 Resp: 489942

Ion Ratio Lower Upper

168 100

99 57.4 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

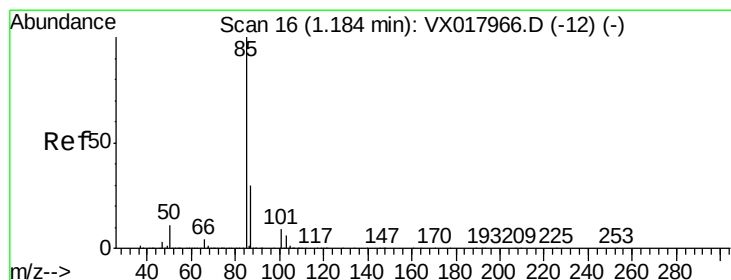
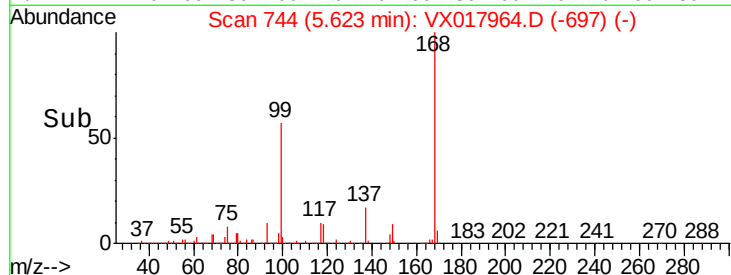
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 4.532 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017964.D

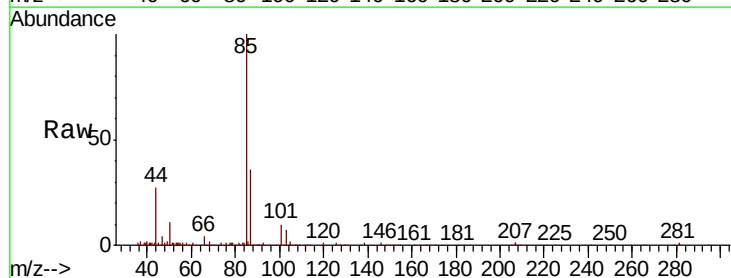
Acq: 18 Aug 2020 18:12

Tgt Ion: 85 Resp: 25257

Ion Ratio Lower Upper

85 100

87 35.9 15.3 45.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

30000

25000

20000

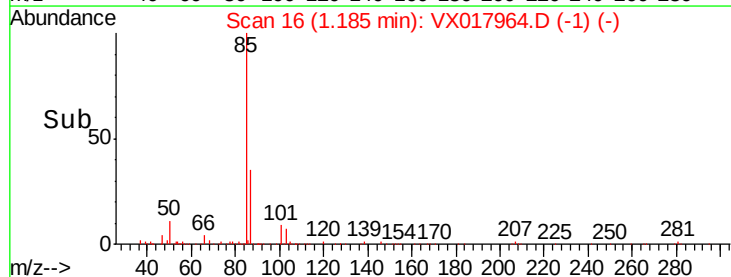
15000

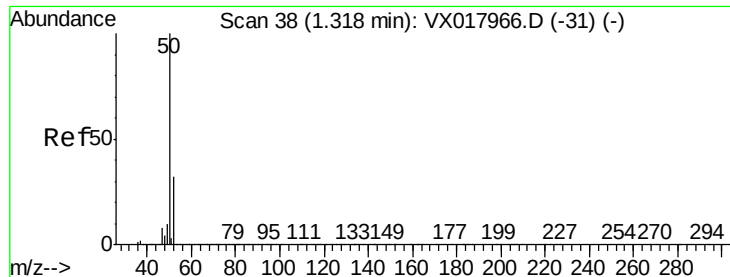
10000

5000

0

Time-->





#3

Chloromethane

Concen: 3.749 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX017964.D

Acq: 18 Aug 2020 18:12

Instrument :

MSVOA_X

ClientSampleId :

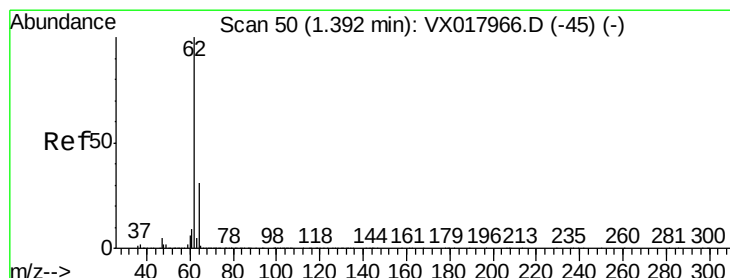
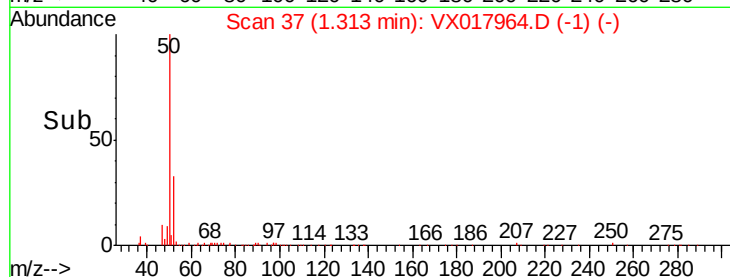
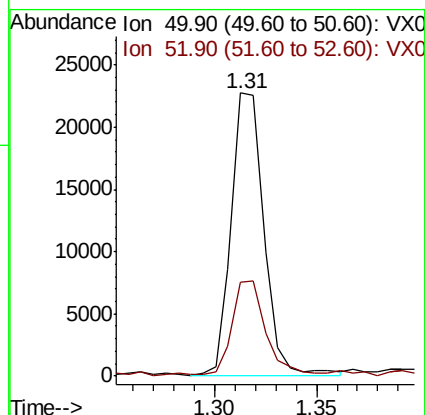
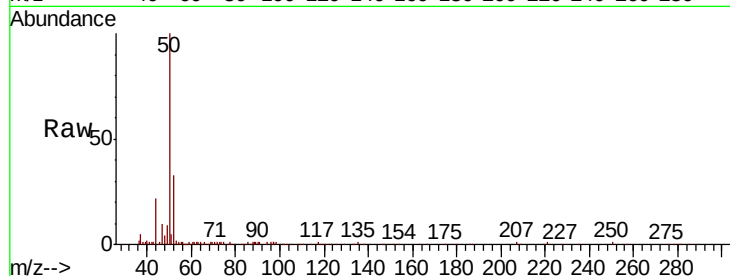
VSTDIC005

Tot Ion: 50 Resp: 25006

Ion Ratio Lower Upper

50 100

52 32.5 25.4 38.0



#4

Vinyl Chloride

Concen: 3.679 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX017964.D

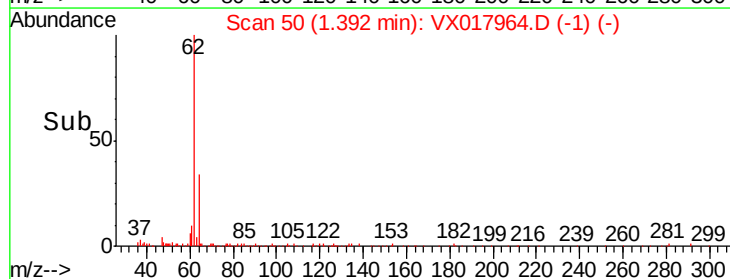
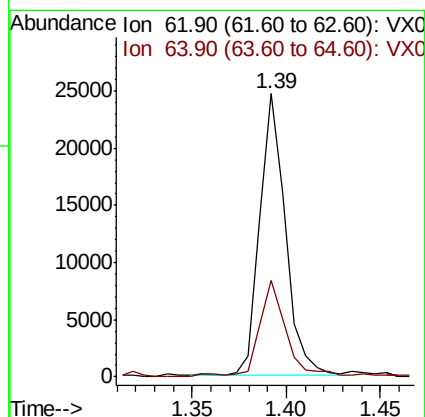
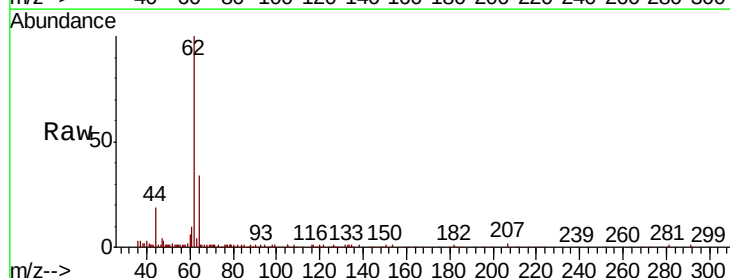
Acq: 18 Aug 2020 18:12

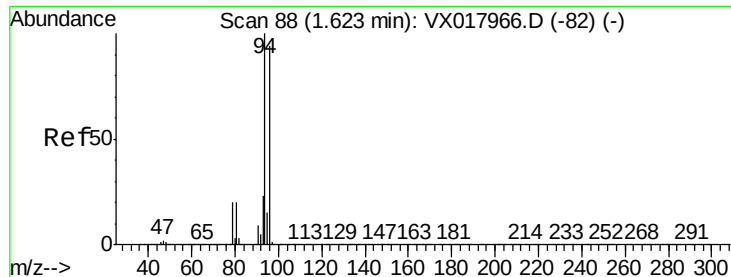
Tgt Ion: 62 Resp: 23306

Ion Ratio Lower Upper

62 100

64 34.1 24.7 37.1





#5

Bromomethane

Concen: 3.906 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017964.D

Acq: 18 Aug 2020 18:12

Instrument :

MSVOA_X

ClientSampleId :

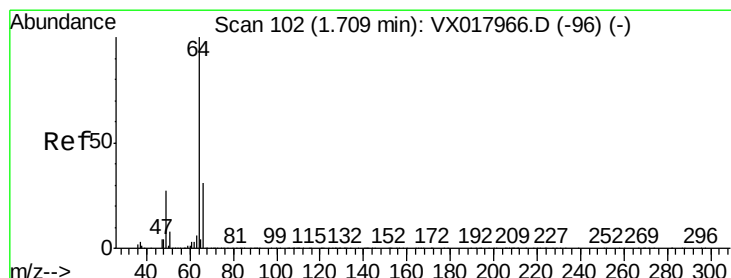
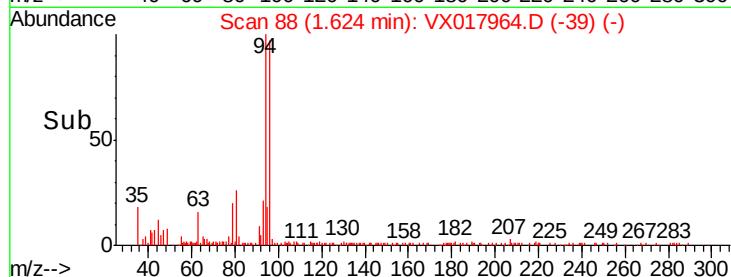
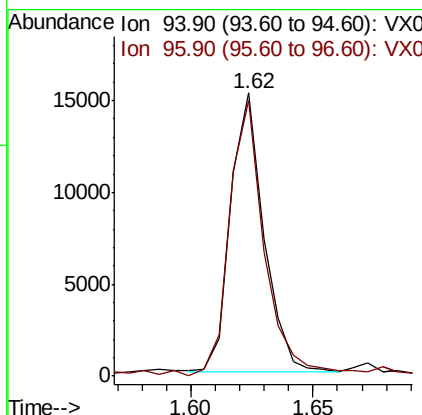
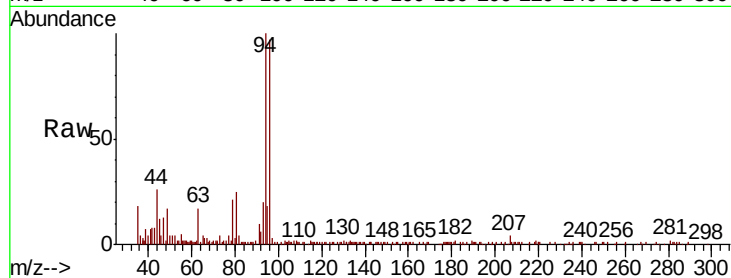
VSTDIC005

Tot Ion: 94 Resp: 14317

Ion Ratio Lower Upper

94 100

96 98.7 75.5 113.3



#6

Chloroethane

Concen: 3.973 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX017964.D

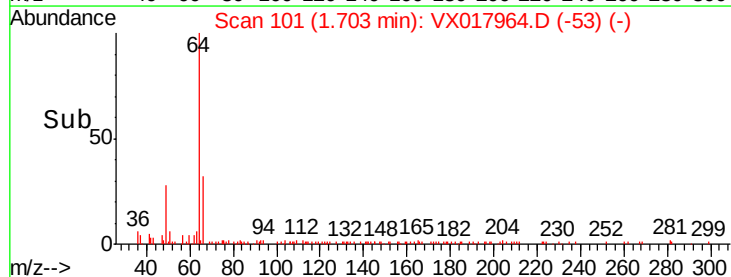
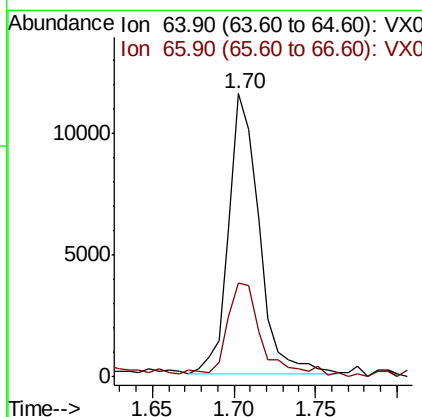
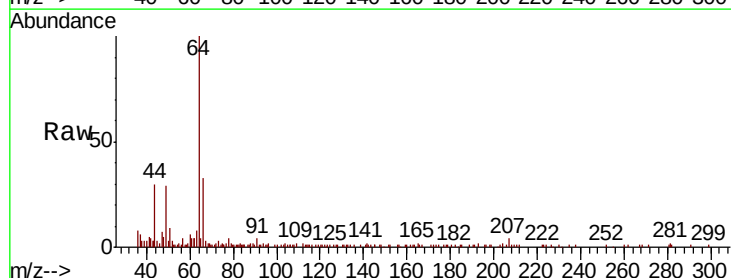
Acq: 18 Aug 2020 18:12

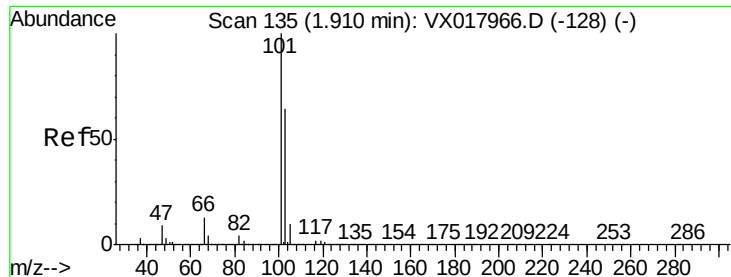
Tgt Ion: 64 Resp: 15030

Ion Ratio Lower Upper

64 100

66 30.3 25.0 37.4





#7

Trichlorofluoromethane

Concen: 4.644 ug/l

RT: 1.92 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX017964.D

Acq: 18 Aug 2020 18:12

Instrument :

MSVOA_X

ClientSampleId :

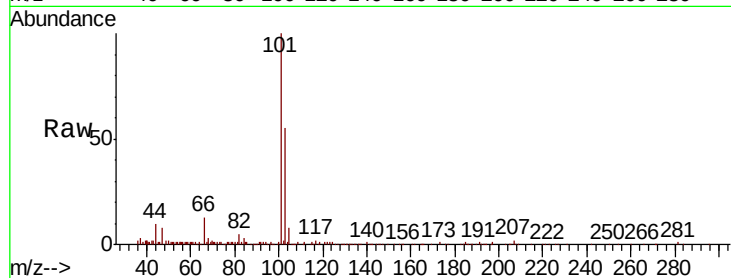
VSTDIC005

Tot Ion:101 Resp: 46232

Ion Ratio Lower Upper

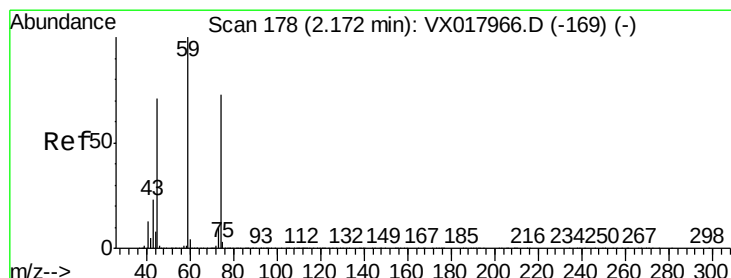
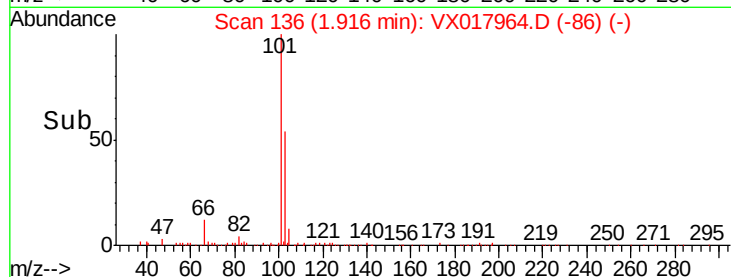
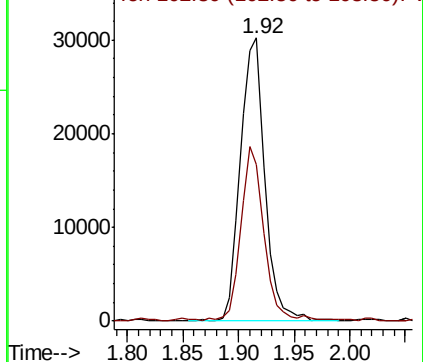
101 100

103 54.6 51.2 76.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 4.624 ug/l

RT: 2.17 min Scan# 178

Delta R.T. 0.00 min

Lab File: VX017964.D

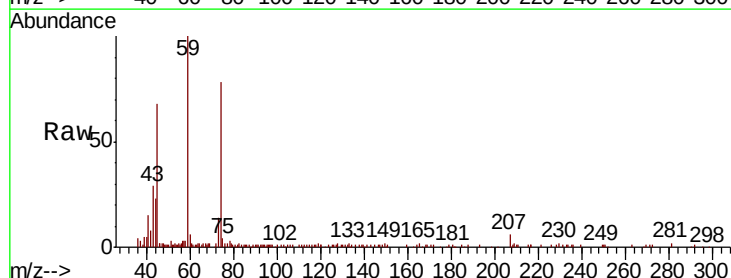
Acq: 18 Aug 2020 18:12

Tgt Ion: 74 Resp: 15920

Ion Ratio Lower Upper

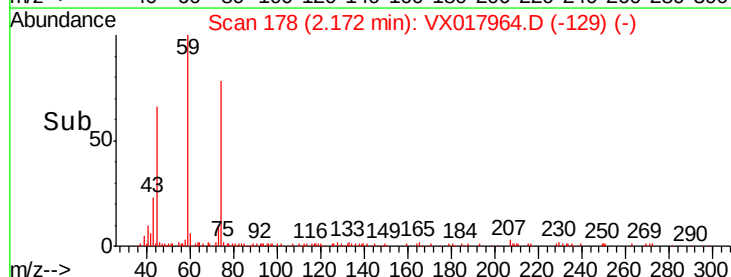
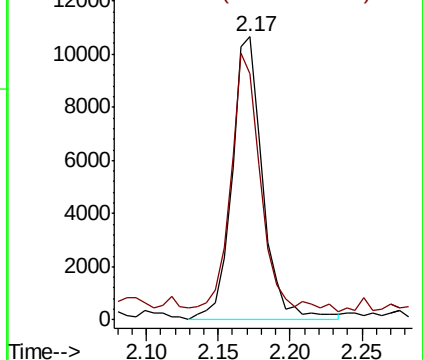
74 100

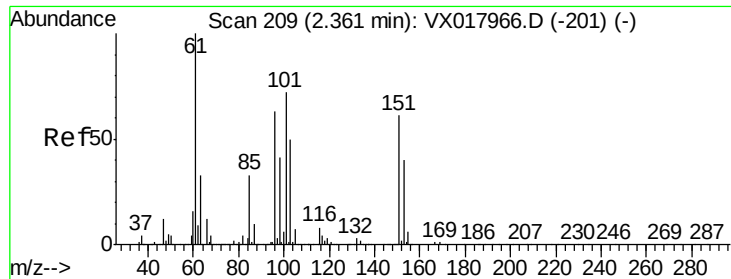
45 90.2 50.5 151.6



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.983 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX017964.D

Acq: 18 Aug 2020 18:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

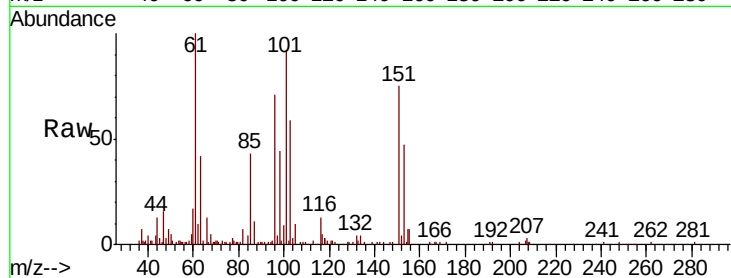
Tot Ion:101 Resp: 26210

Ion Ratio Lower Upper

101 100

85 43.6 35.4 53.2

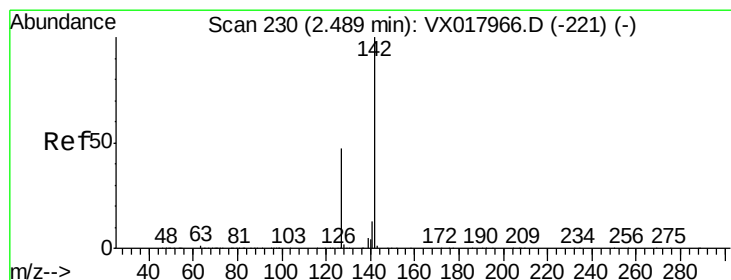
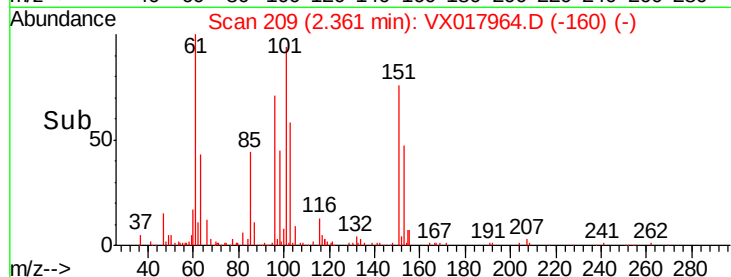
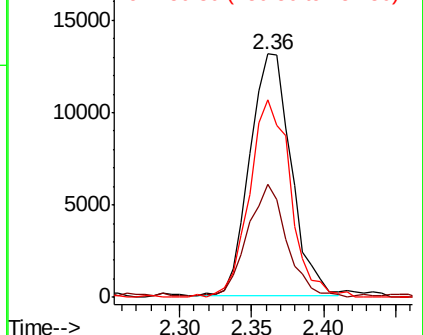
151 81.0 65.4 98.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 3.772 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX017964.D

Acq: 18 Aug 2020 18:12

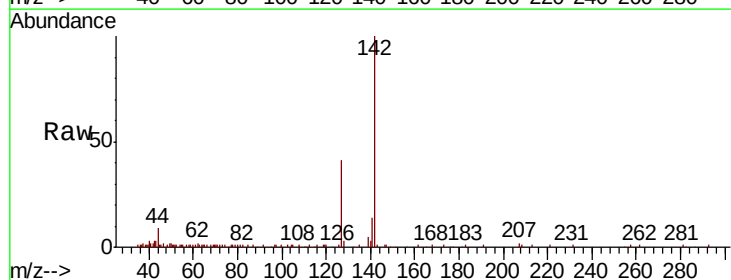
Tgt Ion:142 Resp: 25361

Ion Ratio Lower Upper

142 100

127 47.8 38.0 57.0

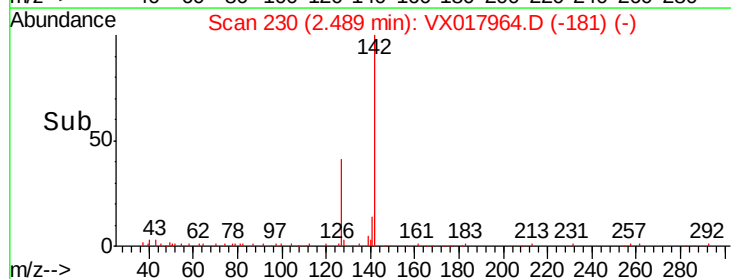
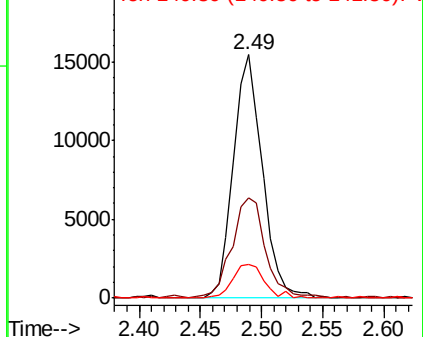
141 15.2 11.2 16.8

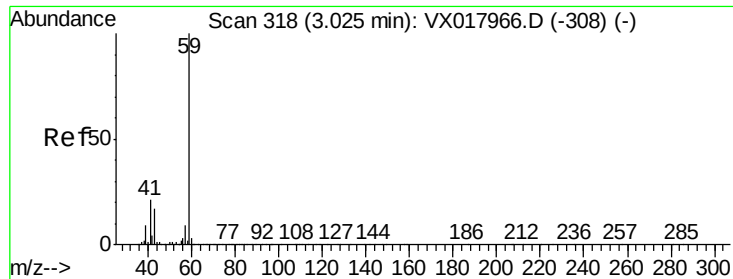


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



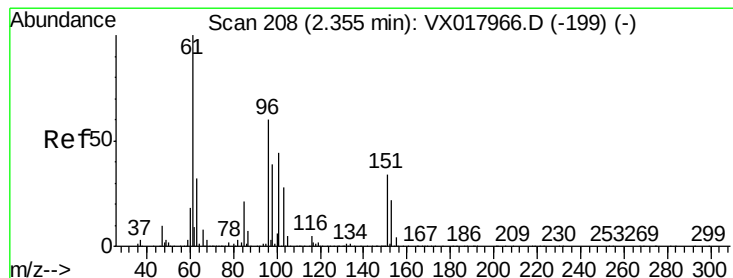
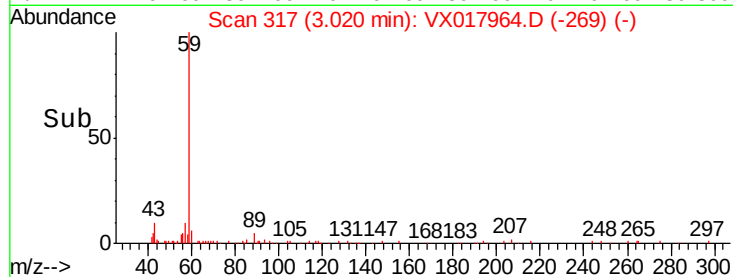
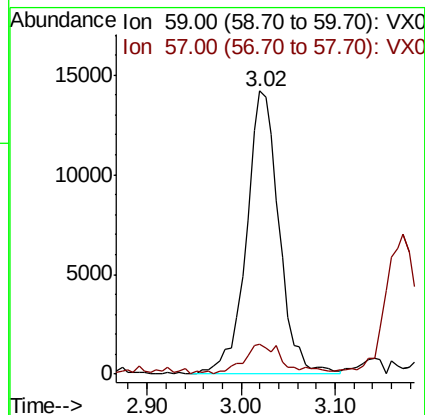
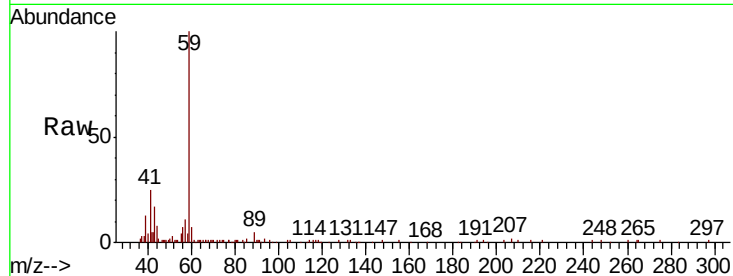


#11

Tert butyl alcohol
 Concen: 26.278 ug/l
 RT: 3.02 min Scan# 317
 Delta R.T. -0.01 min
 Lab File: VX017964.D
 Acq: 18 Aug 2020 18:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

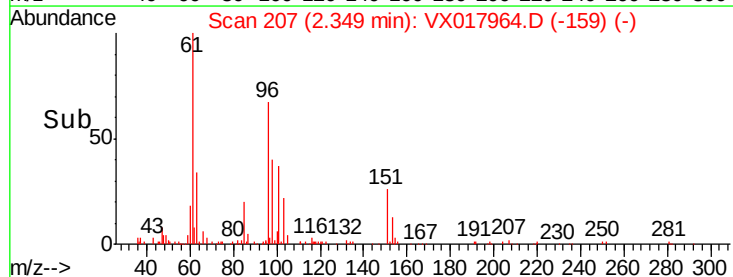
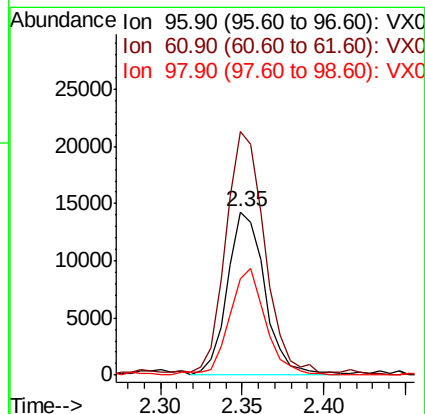
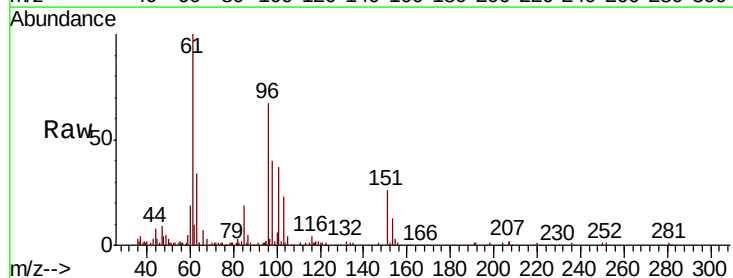
Tot Ion: 59 Resp: 34433
 Ion Ratio Lower Upper
 59 100
 57 11.6 8.6 13.0

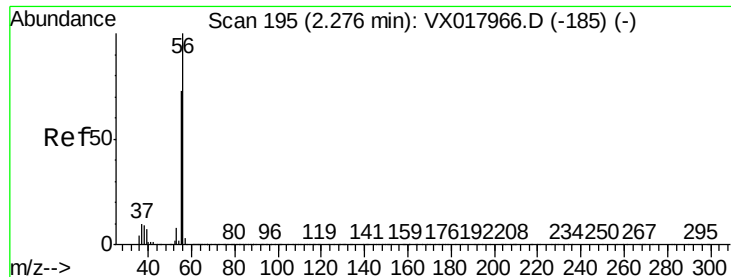


#12

1,1-Dichloroethene
 Concen: 4.647 ug/l
 RT: 2.35 min Scan# 207
 Delta R.T. -0.01 min
 Lab File: VX017964.D
 Acq: 18 Aug 2020 18:12

Tgt Ion: 96 Resp: 22997
 Ion Ratio Lower Upper
 96 100
 61 147.5 132.9 199.3
 98 59.3 51.6 77.4

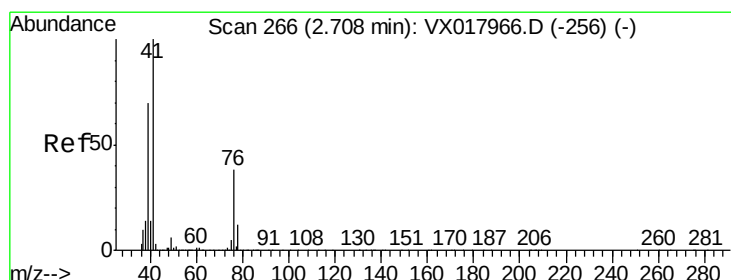
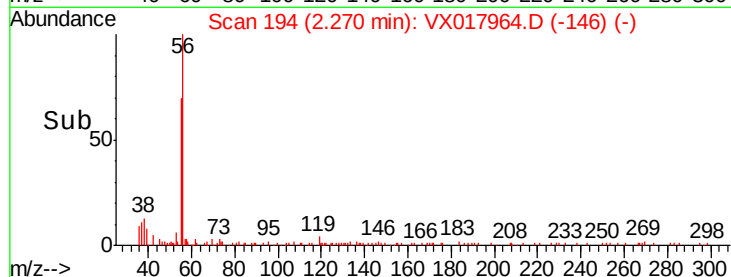
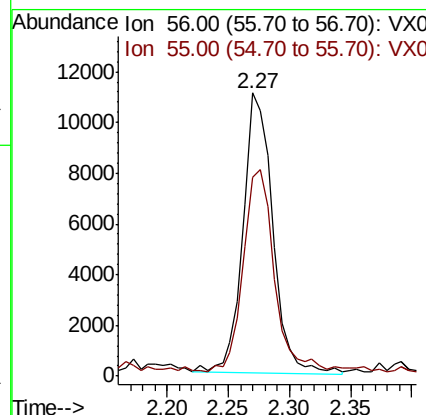
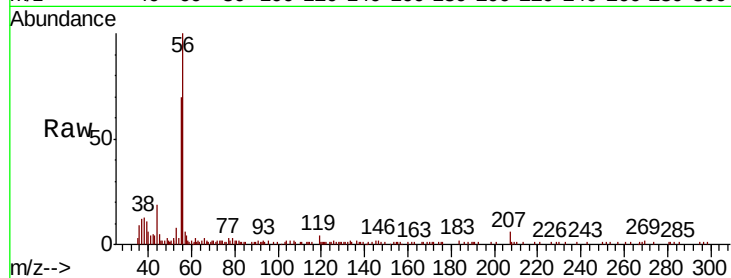




#13
Acrolein
Concen: 21.686 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.01 min
Lab File: VX017964.D
Acq: 18 Aug 2020 18:12

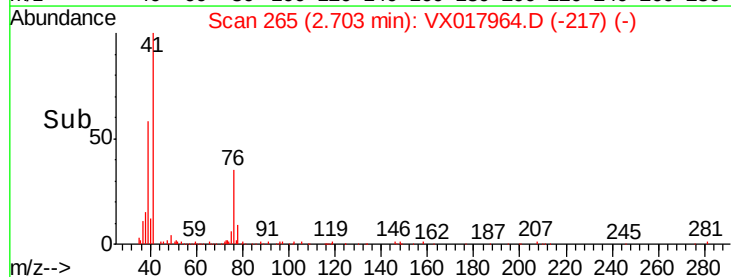
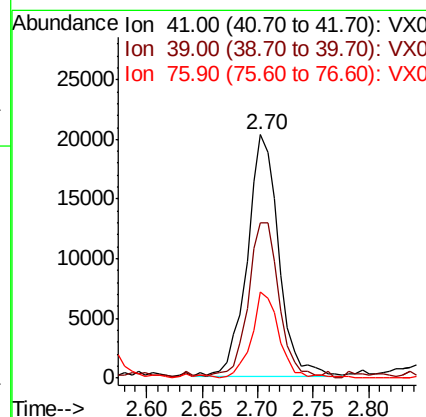
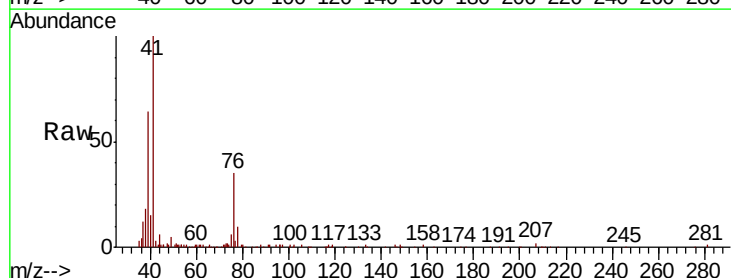
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

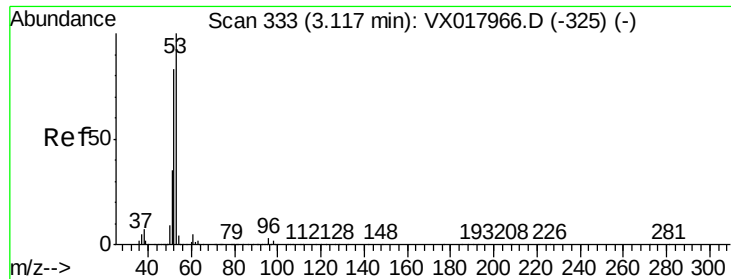
Tot Ion: 56 Resp: 18638
Ion Ratio Lower Upper
56 100
55 75.5 58.2 87.4



#14
Allyl chloride
Concen: 4.460 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX017964.D
Acq: 18 Aug 2020 18:12

Tgt Ion: 41 Resp: 39758
Ion Ratio Lower Upper
41 100
39 61.3 51.7 77.5
76 31.6 26.3 39.5





#15

Acrylonitrile

Concen: 24.552 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX017964.D

Acq: 18 Aug 2020 18:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

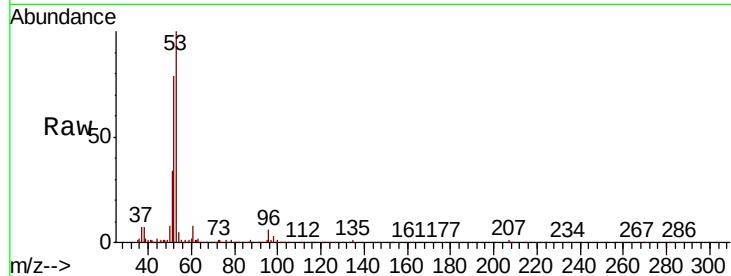
Tot Ion: 53 Resp: 69953

Ion Ratio Lower Upper

53 100

52 83.9 67.1 100.7

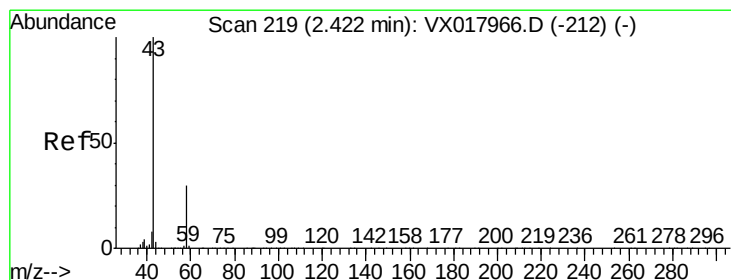
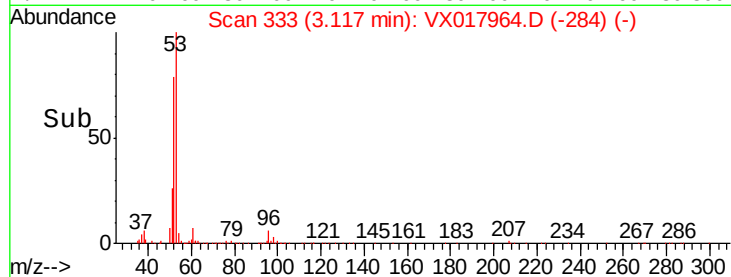
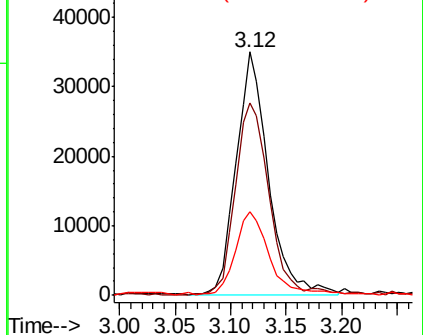
51 35.8 29.2 43.8



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 23.053 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.00 min

Lab File: VX017964.D

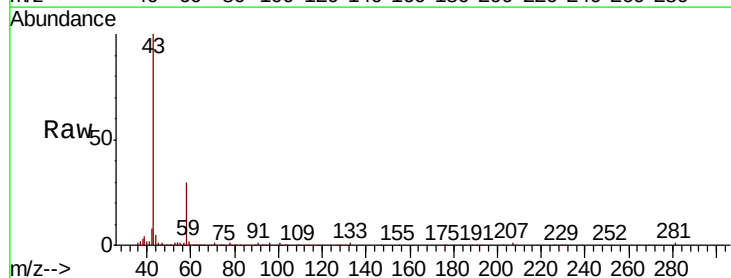
Acq: 18 Aug 2020 18:12

Tgt Ion: 43 Resp: 64071

Ion Ratio Lower Upper

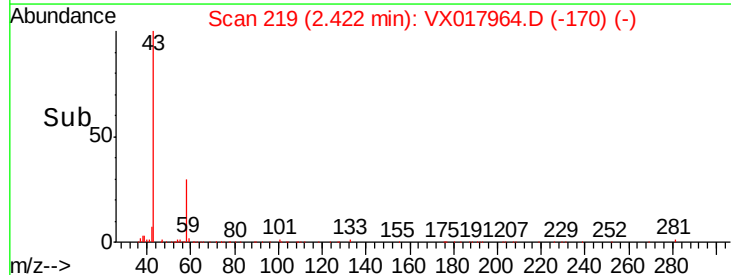
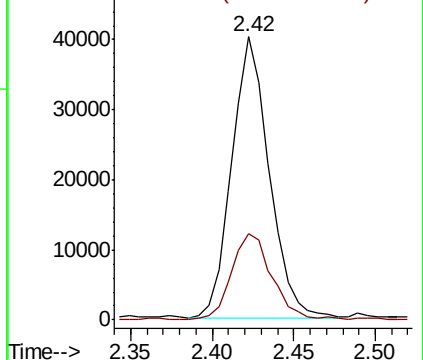
43 100

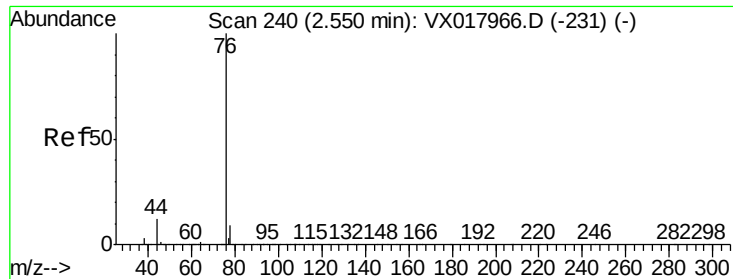
58 30.4 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 3.108 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.01 min

Lab File: VX017964.D

Acq: 18 Aug 2020 18:12

Instrument :

MSVOA_X

ClientSampleId :

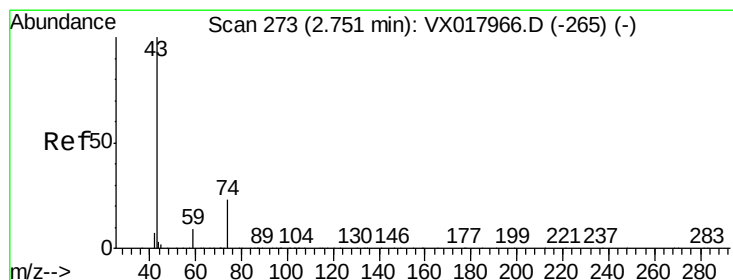
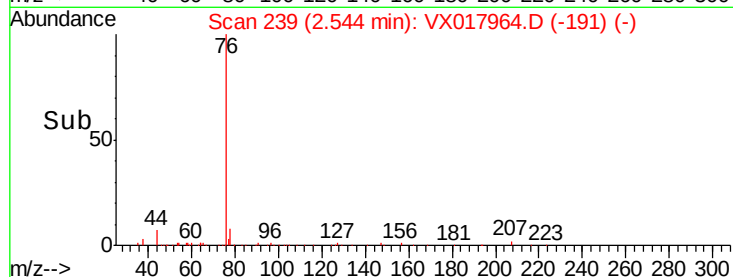
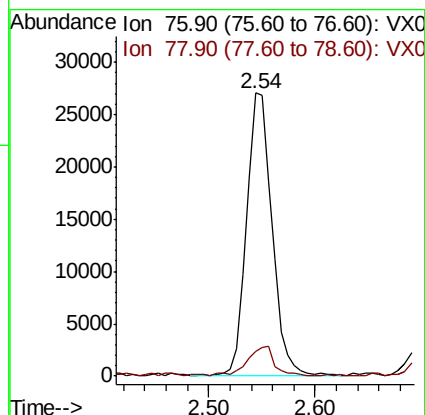
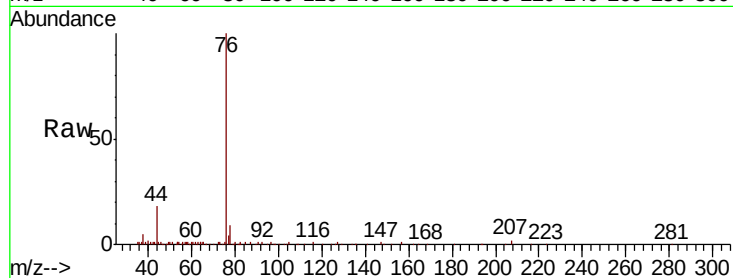
VSTDIC005

Tot Ion: 76 Resp: 45911

Ion Ratio Lower Upper

76 100

78 8.4 7.3 10.9



#18

Methyl Acetate

Concen: 4.852 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX017964.D

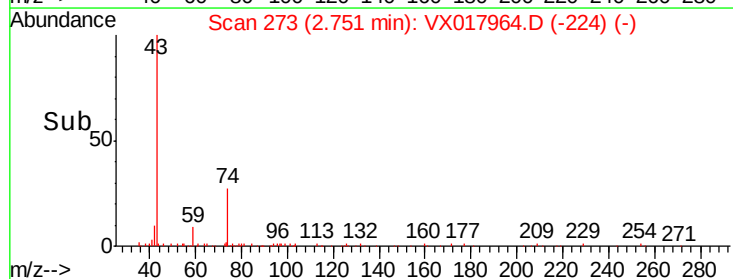
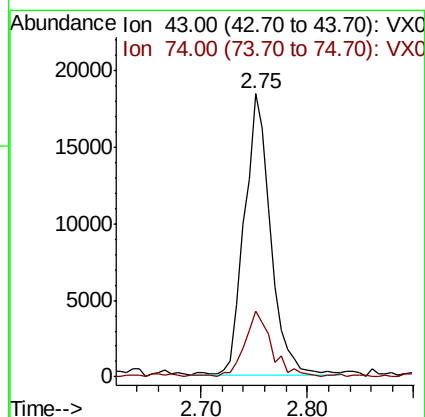
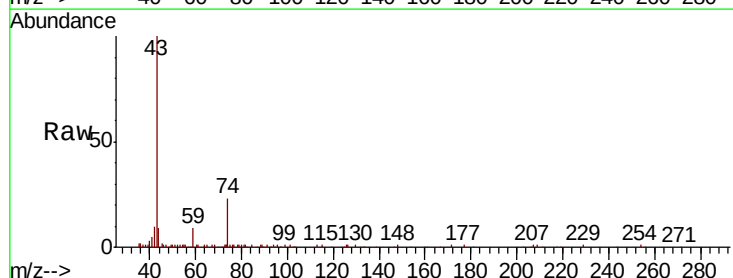
Acq: 18 Aug 2020 18:12

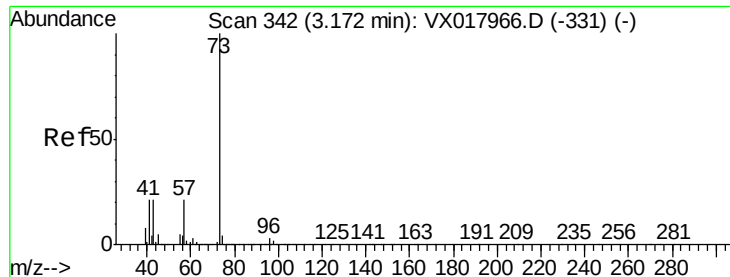
Tgt Ion: 43 Resp: 31672

Ion Ratio Lower Upper

43 100

74 24.3 19.7 29.5

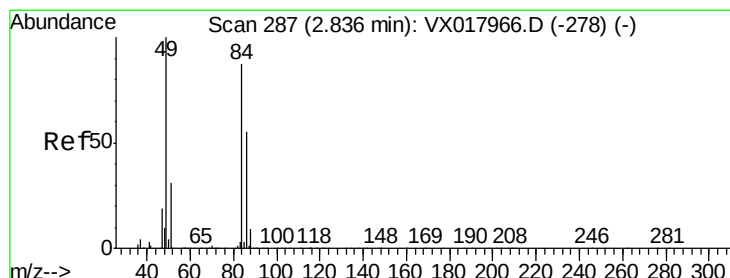
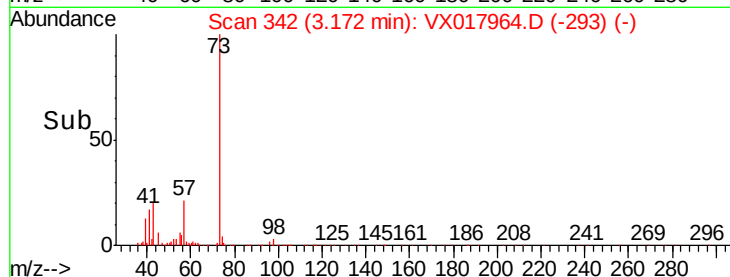
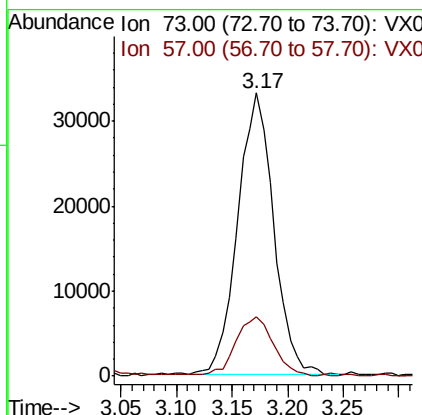
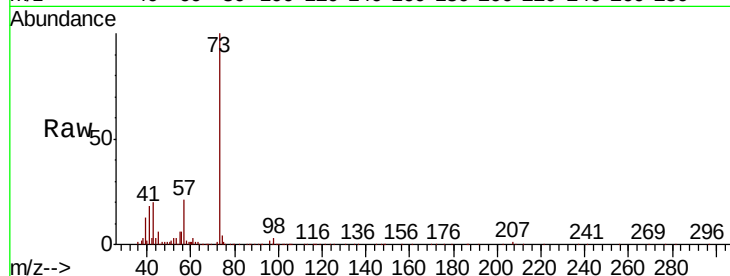




#19
Methyl tert-butyl Ether
Concen: 4.273 ug/l
RT: 3.17 min Scan# 342
Delta R.T. 0.00 min
Lab File: VX017964.D
Acq: 18 Aug 2020 18:12

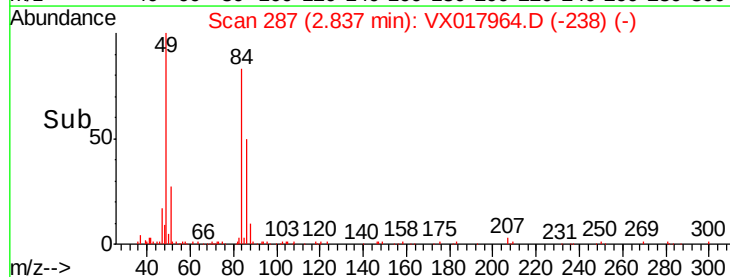
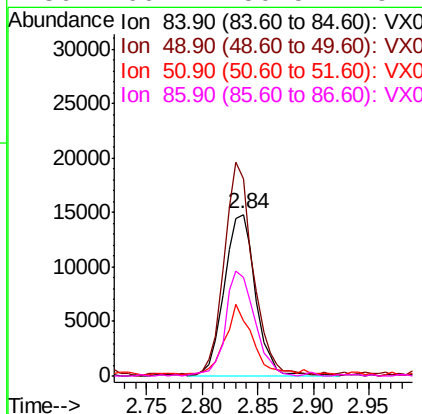
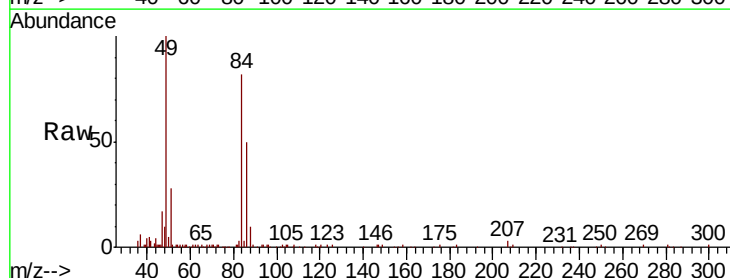
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

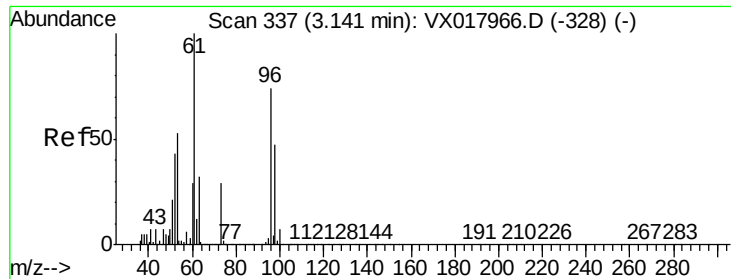
Tot Ion: 73 Resp: 74077
Ion Ratio Lower Upper
73 100
57 21.1 16.9 25.3



#20
Methylene Chloride
Concen: 4.869 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017964.D
Acq: 18 Aug 2020 18:12

Tgt Ion: 84 Resp: 28967
Ion Ratio Lower Upper
84 100
49 121.3 91.8 137.6
51 32.8 27.8 41.8
86 60.1 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 4.351 ug/l

RT: 3.15 min Scan# 338

Delta R.T. 0.01 min

Lab File: VX017964.D

Acq: 18 Aug 2020 18:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

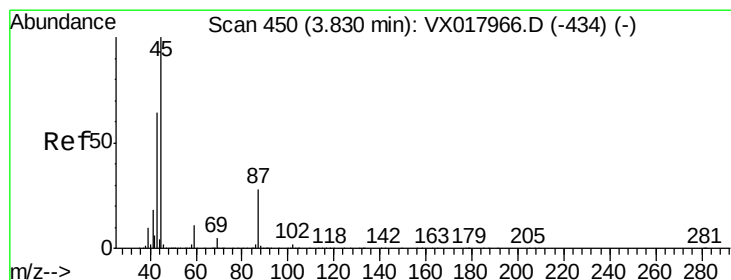
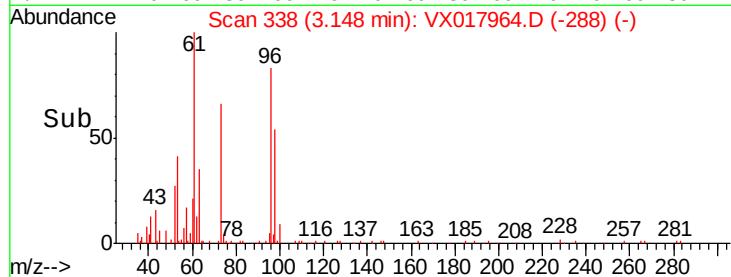
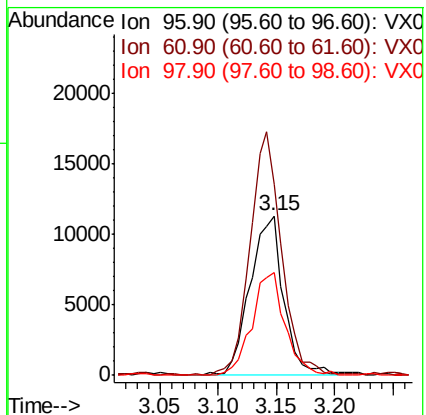
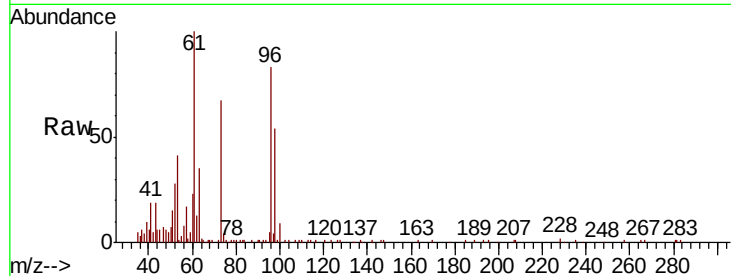
Tot Ion: 96 Resp: 22913

Ion Ratio Lower Upper

96 100

61 120.0 108.6 163.0

98 64.6 51.4 77.0



#22

Diisopropyl ether

Concen: 4.477 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.01 min

Lab File: VX017964.D

Acq: 18 Aug 2020 18:12

Tgt Ion: 45 Resp: 75814

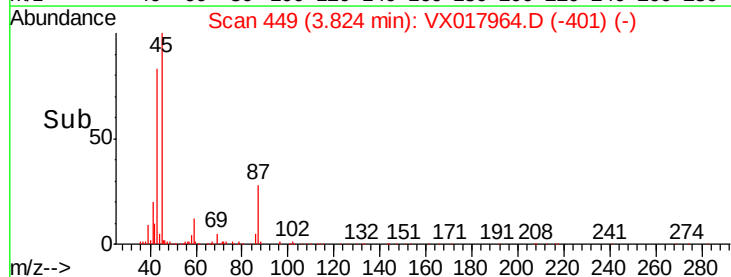
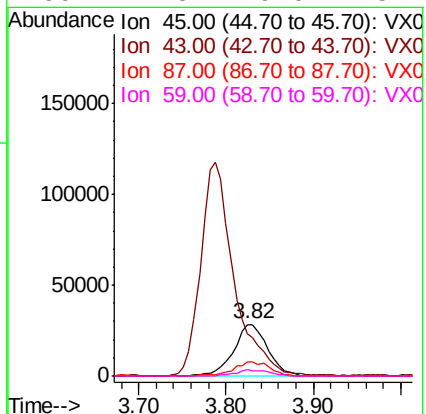
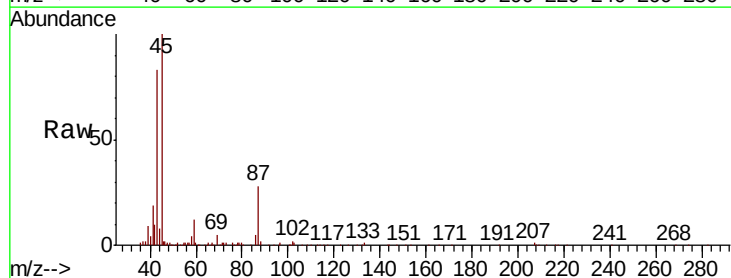
Ion Ratio Lower Upper

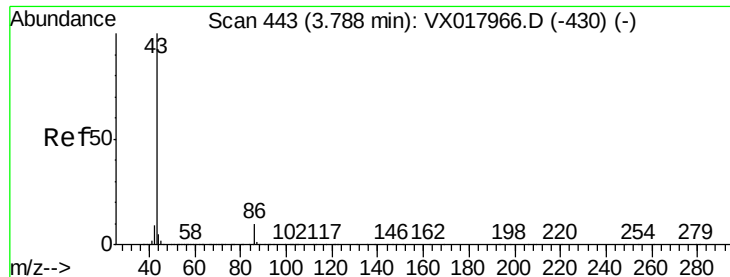
45 100

43 82.4 51.5 77.3#

87 27.9 22.6 33.8

59 11.3 9.0 13.4





#23

Vinyl Acetate

Concen: 21.400 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX017964.D

Acq: 18 Aug 2020 18:12

Instrument :

MSVOA_X

ClientSampleId :

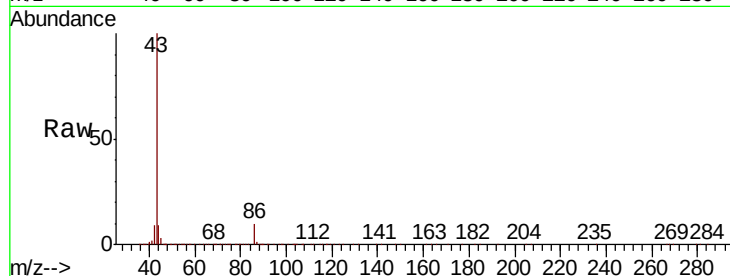
VSTDIC005

Tot Ion: 43 Resp: 311933

Ion Ratio Lower Upper

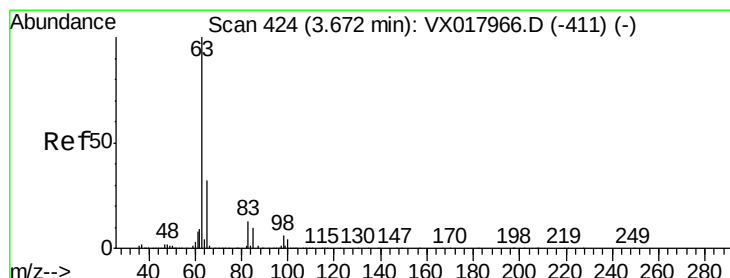
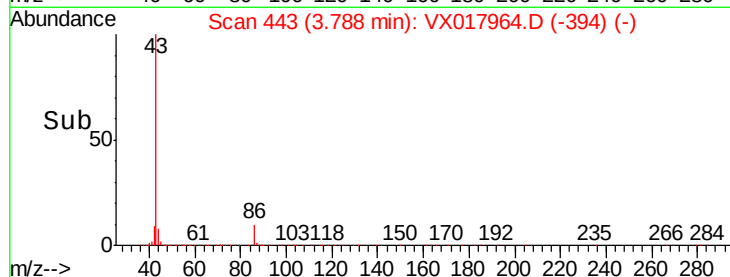
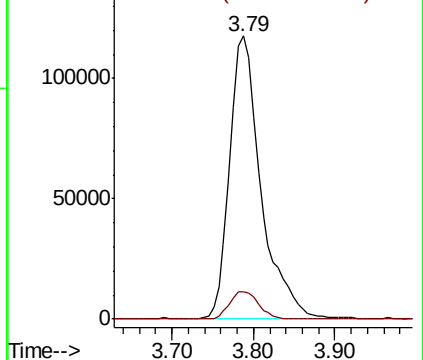
43 100

86 9.8 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 4.994 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX017964.D

Acq: 18 Aug 2020 18:12

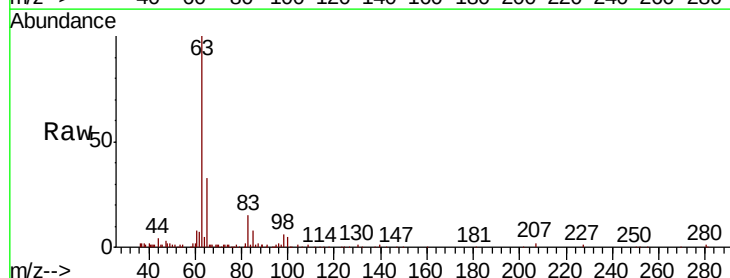
Tgt Ion: 63 Resp: 48414

Ion Ratio Lower Upper

63 100

98 5.8 3.0 9.0

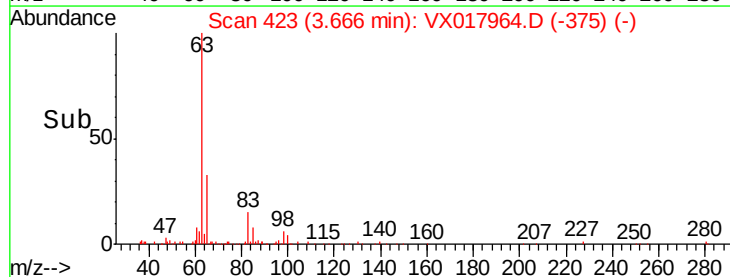
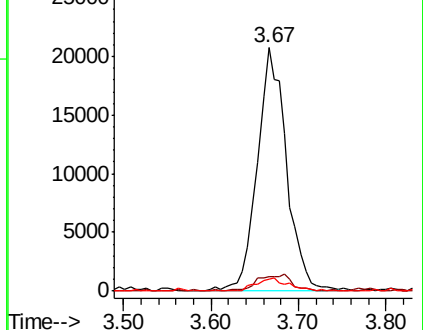
100 4.7 2.0 5.8

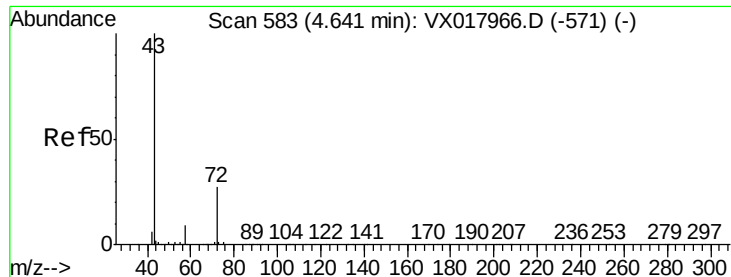


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 24.391 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.00 min

Lab File: VX017964.D

Acq: 18 Aug 2020 18:12

Instrument :

MSVOA_X

ClientSampleId :

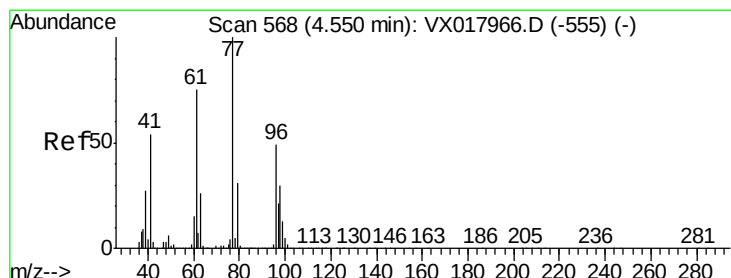
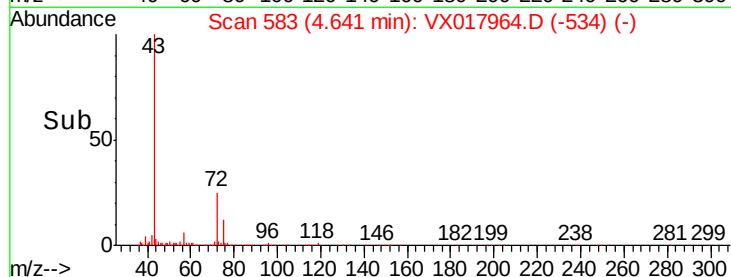
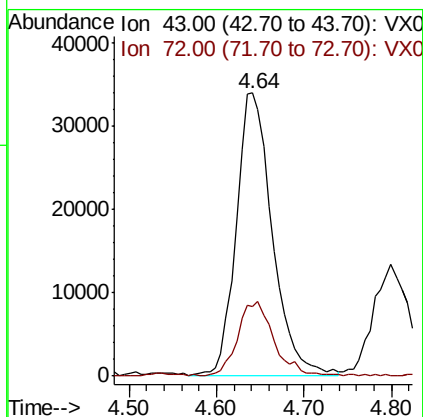
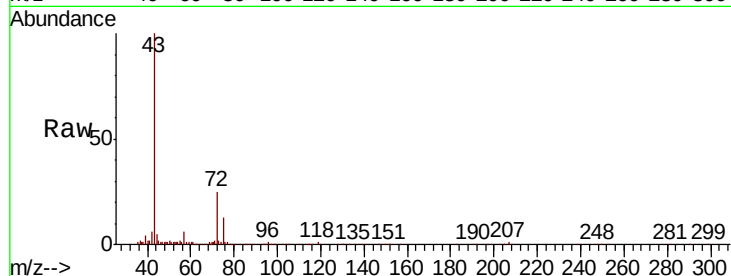
VSTDIC005

Tot Ion: 43 Resp: 97036

Ion Ratio Lower Upper

43 100

72 24.0 21.4 32.2



#26

2,2-Dichloropropane

Concen: 5.043 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX017964.D

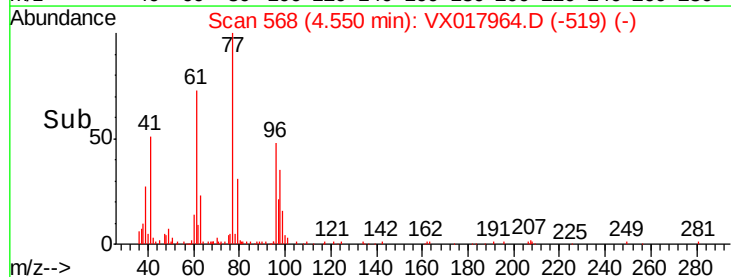
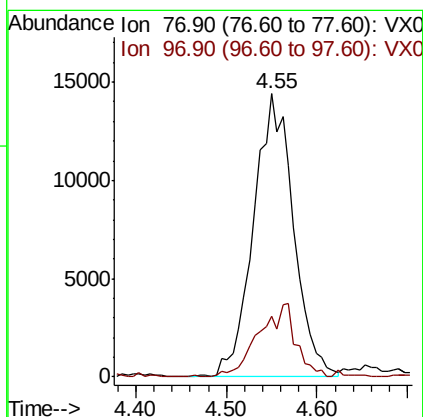
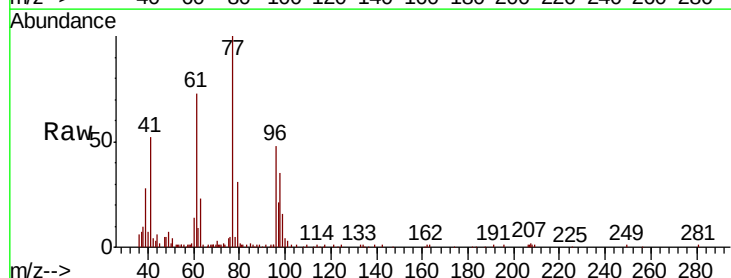
Acq: 18 Aug 2020 18:12

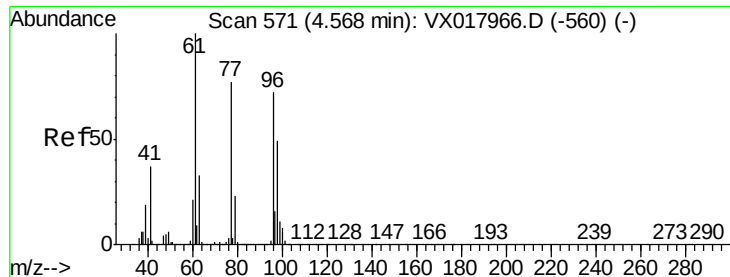
Tgt Ion: 77 Resp: 43986

Ion Ratio Lower Upper

77 100

97 24.1 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 4.673 ug/l

RT: 4.56 min Scan# 570

Delta R.T. -0.01 min

Lab File: VX017964.D

Acq: 18 Aug 2020 18:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

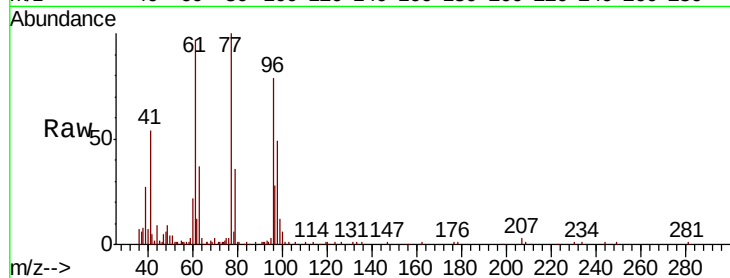
Tot Ion: 96 Resp: 27317

Ion Ratio Lower Upper

96 100

61 145.9 0.0 298.8

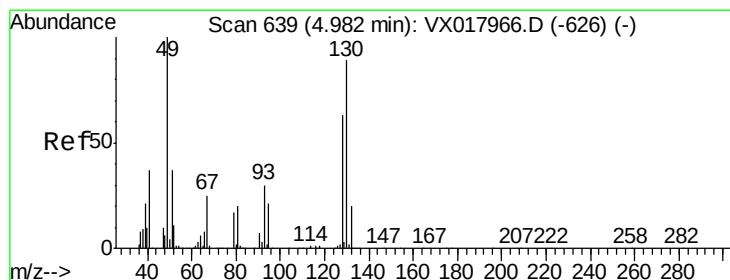
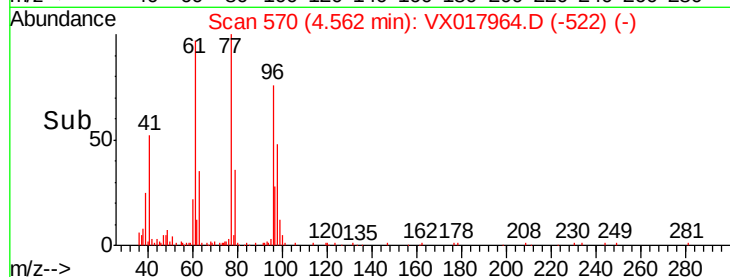
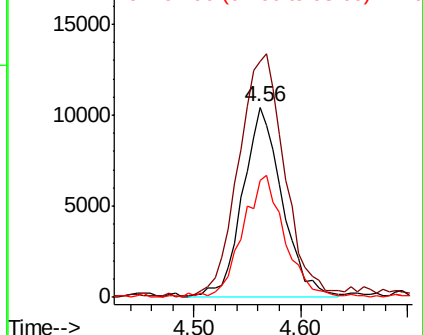
98 67.9 0.0 130.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 5.216 ug/l

RT: 4.98 min Scan# 638

Delta R.T. -0.01 min

Lab File: VX017964.D

Acq: 18 Aug 2020 18:12

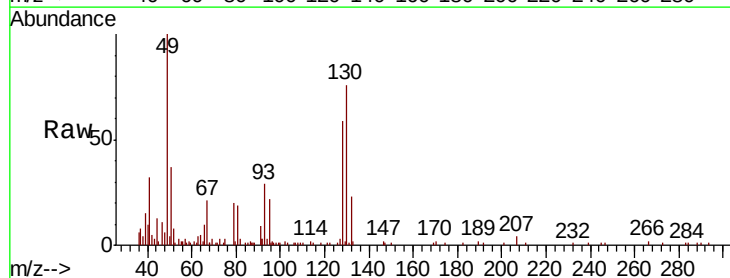
Tgt Ion: 49 Resp: 23277

Ion Ratio Lower Upper

49 100

129 3.3 0.0 3.6

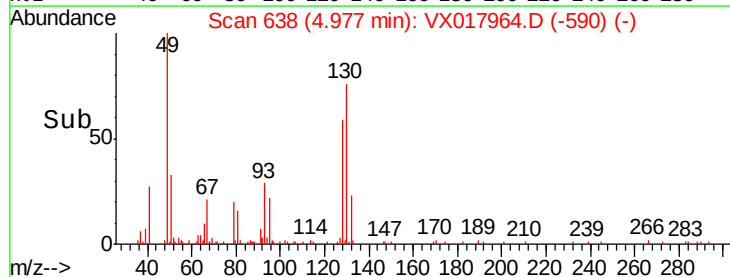
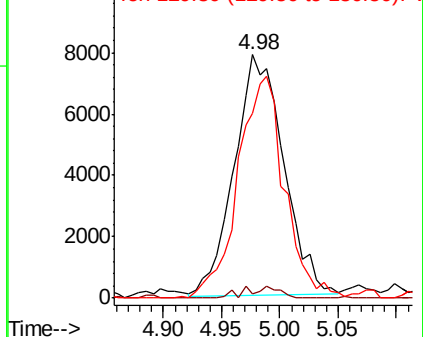
130 86.3 68.5 102.7

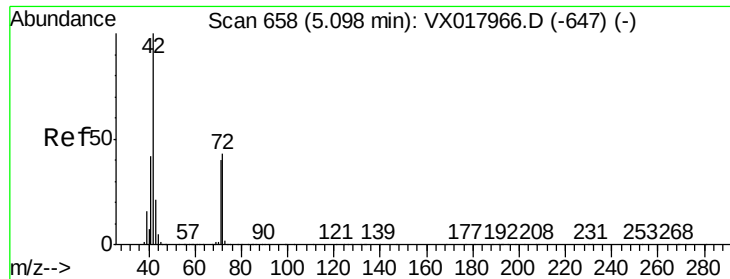


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

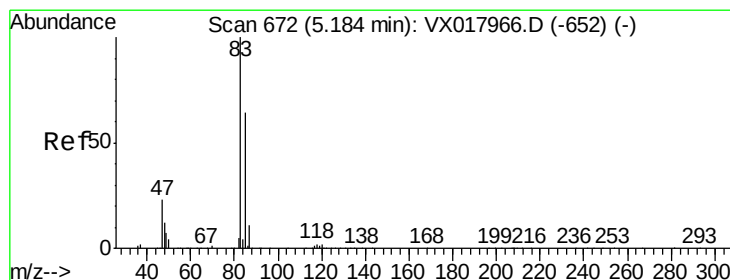
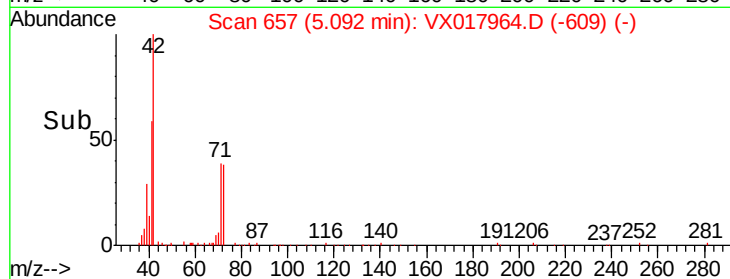
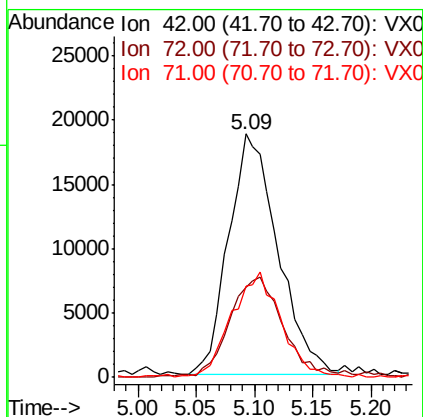
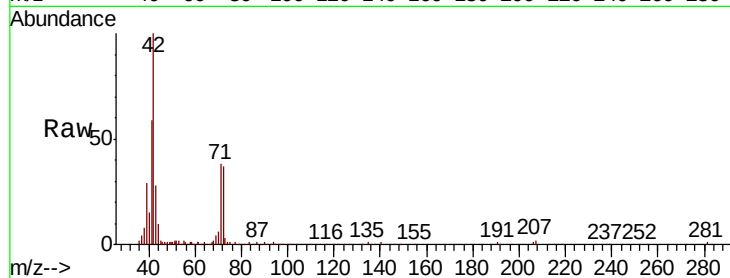




#29
Tetrahydrofuran
Concen: 22.256 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.01 min
Lab File: VX017964.D
Acq: 18 Aug 2020 18:12

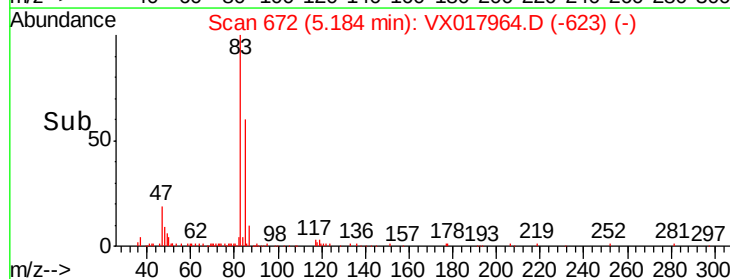
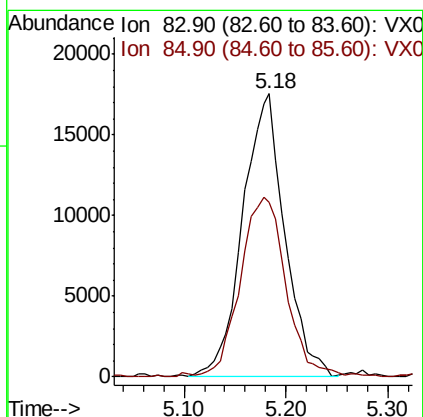
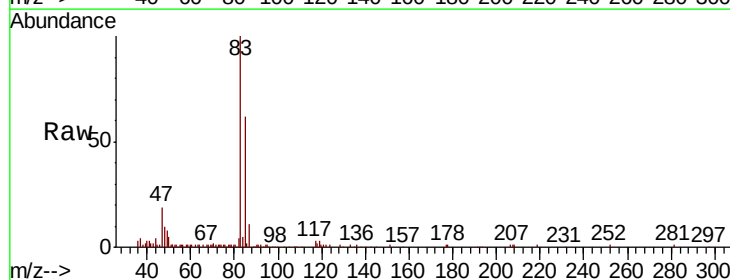
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

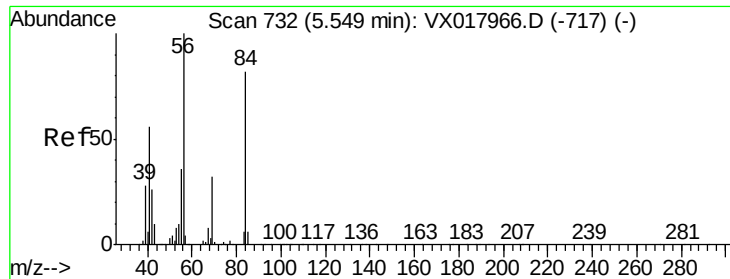
Tot Ion: 42 Resp: 55089
Ion Ratio Lower Upper
42 100
72 46.2 35.9 53.9
71 43.1 33.0 49.4



#30
Chloroform
Concen: 5.036 ug/l
RT: 5.18 min Scan# 672
Delta R.T. 0.00 min
Lab File: VX017964.D
Acq: 18 Aug 2020 18:12

Tgt Ion: 83 Resp: 50310
Ion Ratio Lower Upper
83 100
85 61.0 51.3 76.9





#31

Cyclohexane

Concen: 3.686 ug/l

RT: 5.55 min Scan# 732

Delta R.T. 0.00 min

Lab File: VX017964.D

Acq: 18 Aug 2020 18:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

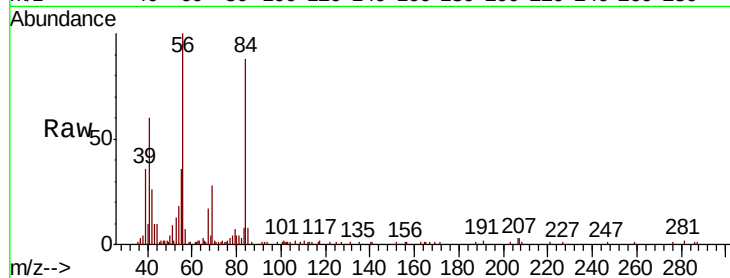
Tot Ion: 56 Resp: 29071

Ion Ratio Lower Upper

56 100

69 27.8 25.3 37.9

84 87.7 65.3 97.9

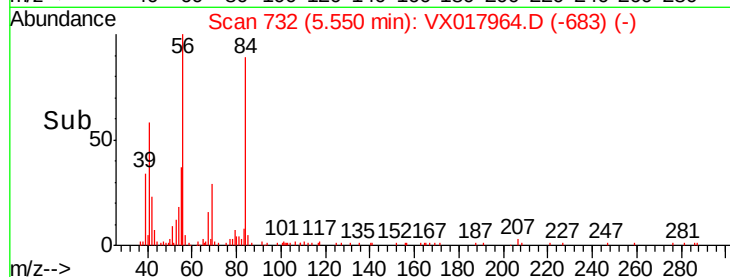
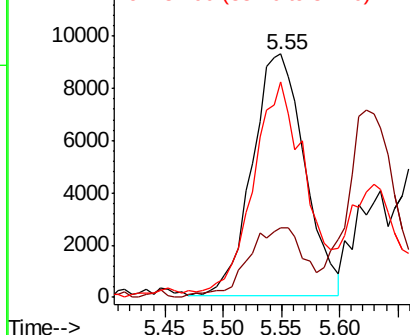


Abundance

Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 4.870 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX017964.D

Acq: 18 Aug 2020 18:12

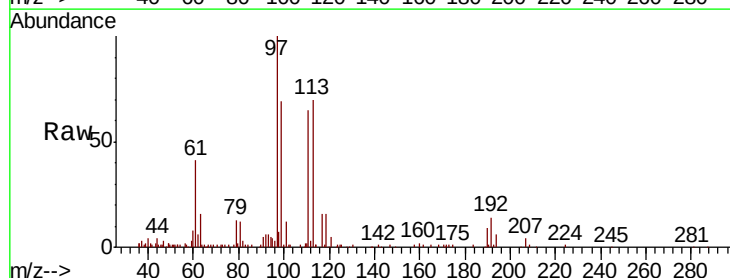
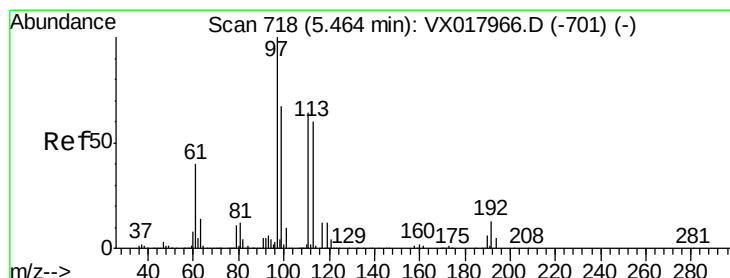
Tgt Ion: 97 Resp: 45736

Ion Ratio Lower Upper

97 100

99 63.6 51.4 77.0

61 44.5 33.7 50.5

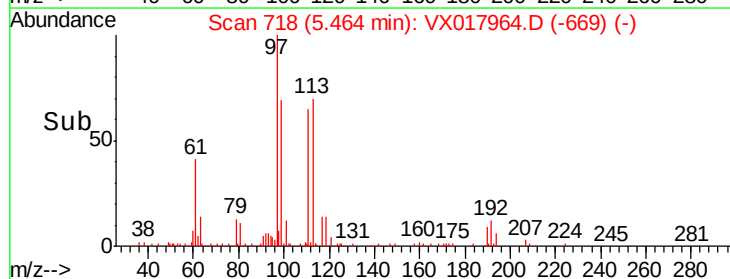
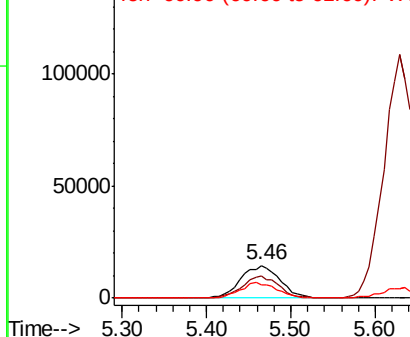


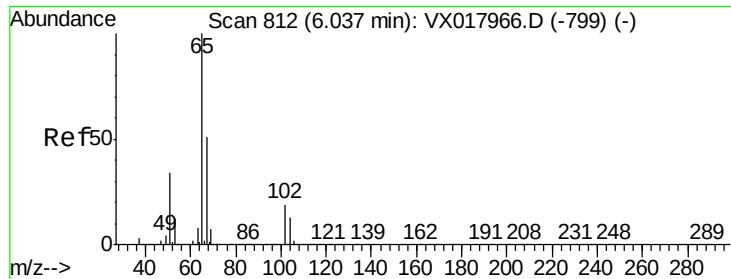
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

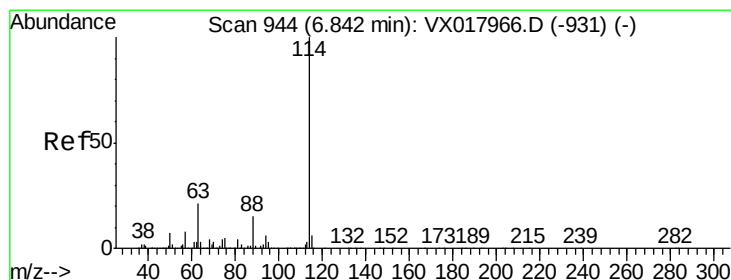
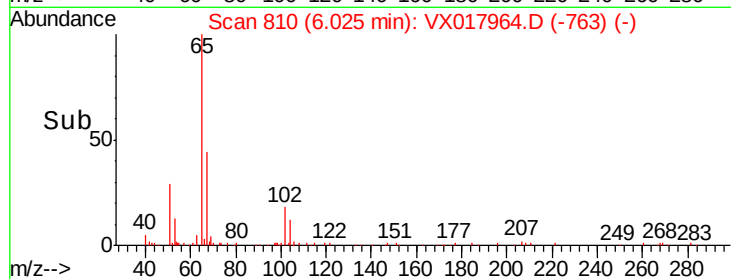
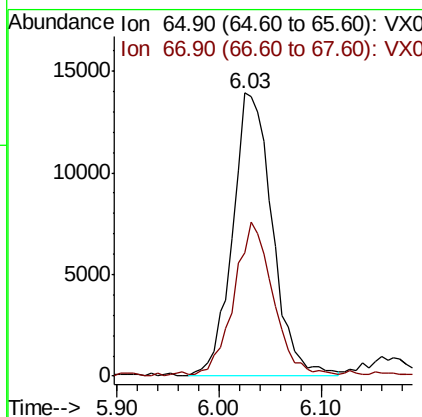
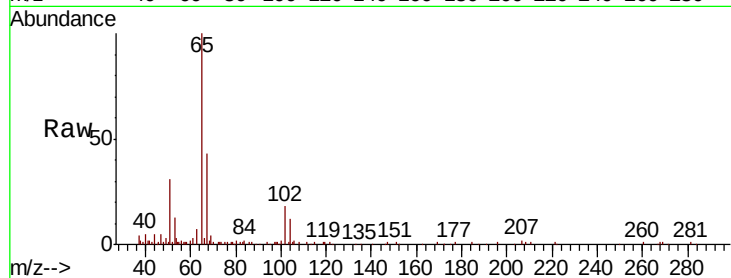




#33
 1,2-Dichloroethane-d4
 Concen: 5.927 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: VX017964.D
 Acq: 18 Aug 2020 18:12

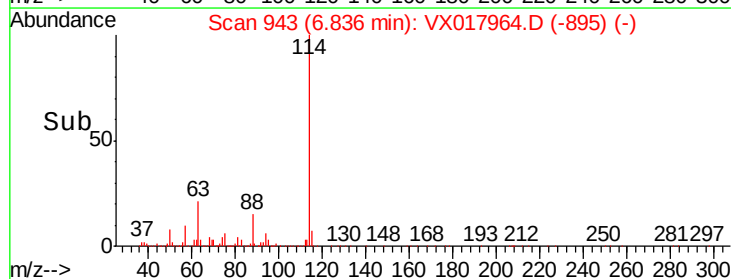
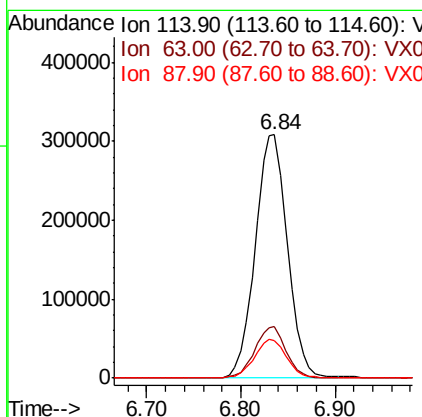
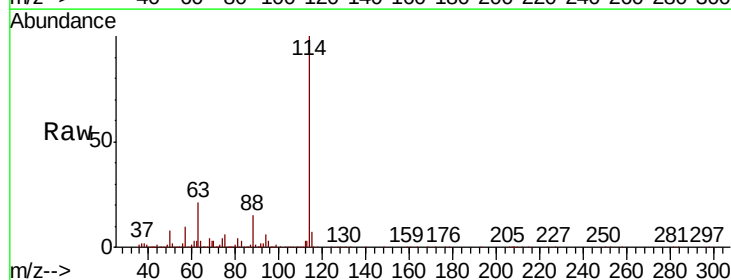
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

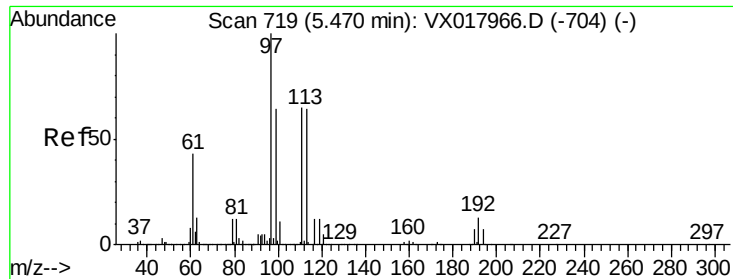
Tot Ion: 65 Resp: 37598
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. -0.01 min
 Lab File: VX017964.D
 Acq: 18 Aug 2020 18:12

Tgt Ion: 114 Resp: 740232
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 42.6
 88 15.3 0.0 30.2





#35

Dibromofluoromethane

Concen: 5.769 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX017964.D

Acq: 18 Aug 2020 18:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

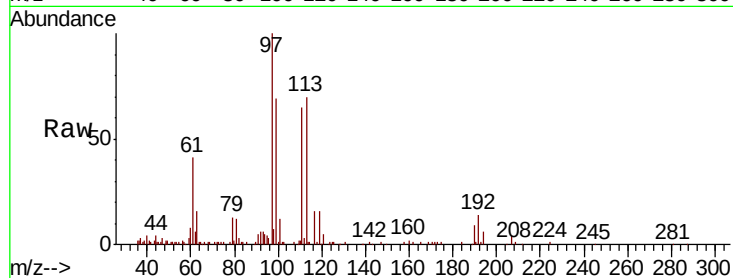
Tot Ion:113 Resp: 28713

Ion Ratio Lower Upper

113 100

111 104.6 83.5 125.3

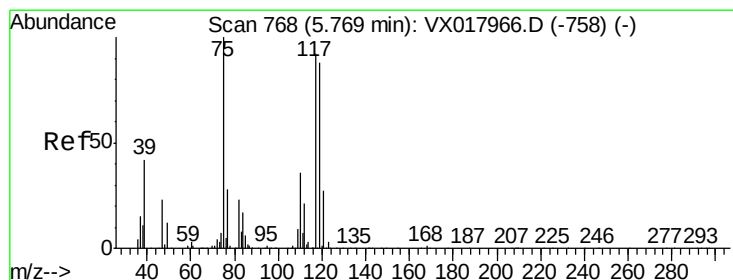
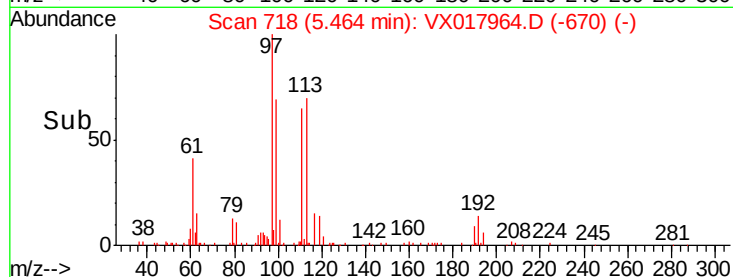
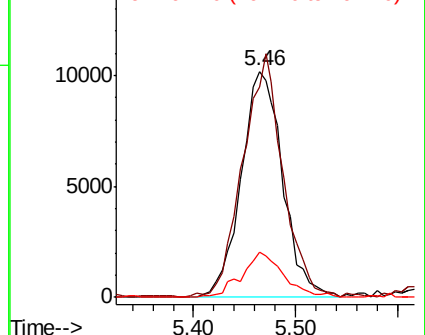
192 20.2 16.2 24.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.236 ug/l

RT: 5.77 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX017964.D

Acq: 18 Aug 2020 18:12

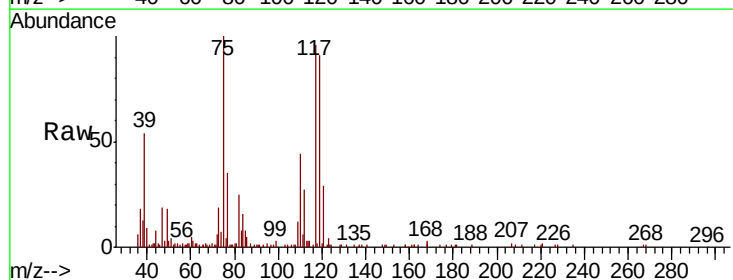
Tgt Ion: 75 Resp: 29867

Ion Ratio Lower Upper

75 100

110 41.4 18.7 56.1

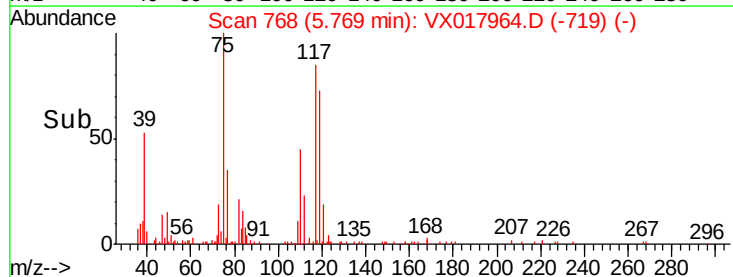
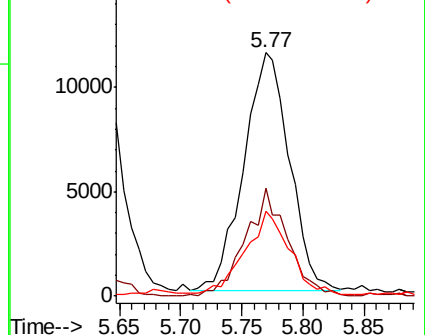
77 35.8 24.4 36.6

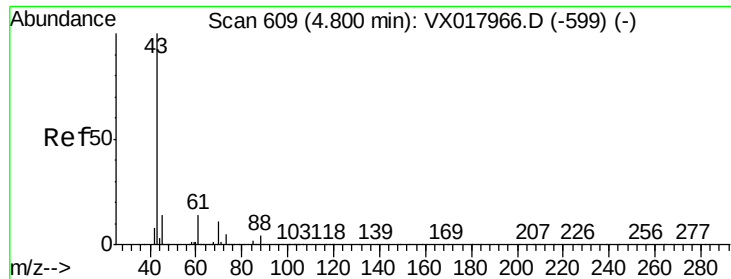


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

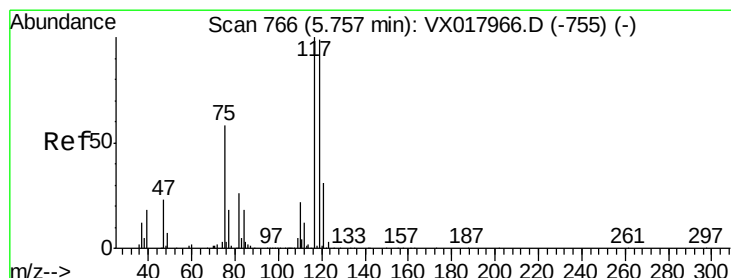
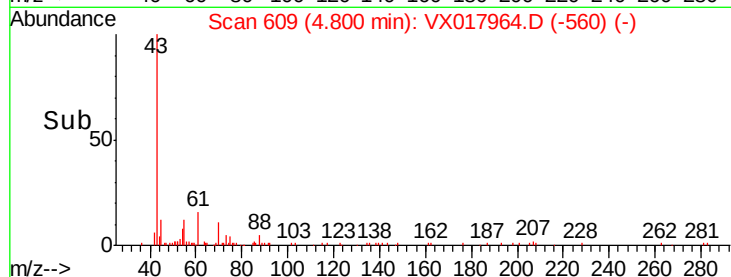
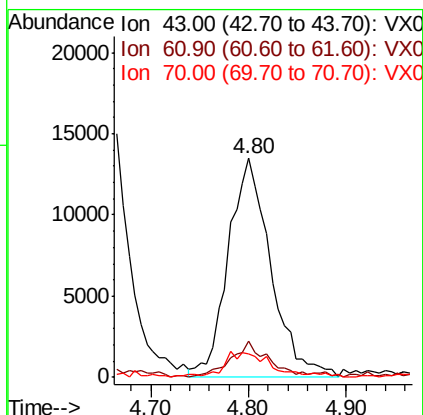
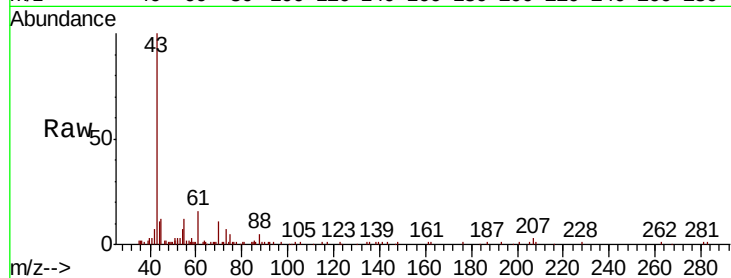




#37
Ethyl Acetate
Concen: 5.385 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.00 min
Lab File: VX017964.D
Acq: 18 Aug 2020 18:12

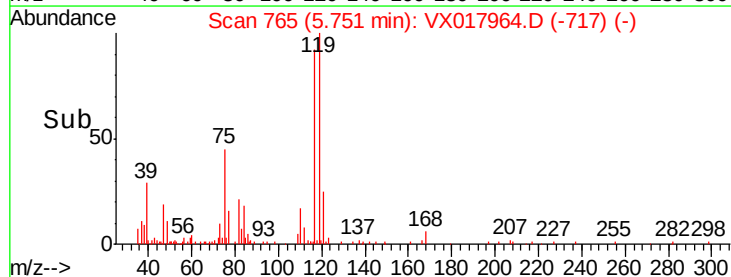
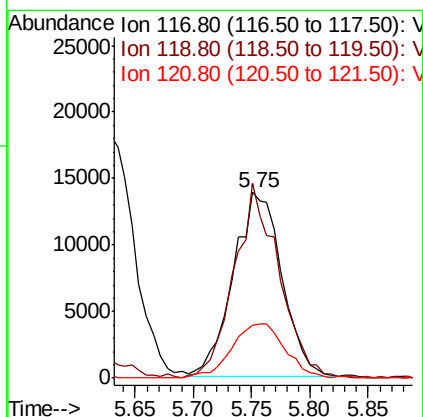
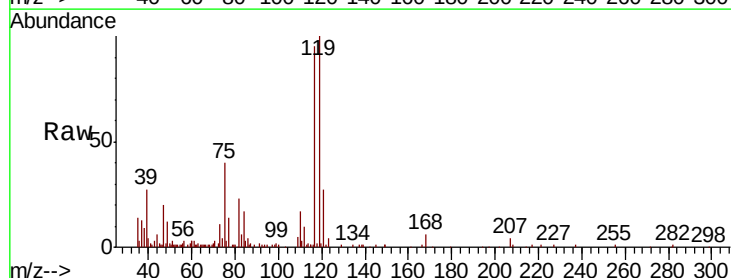
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

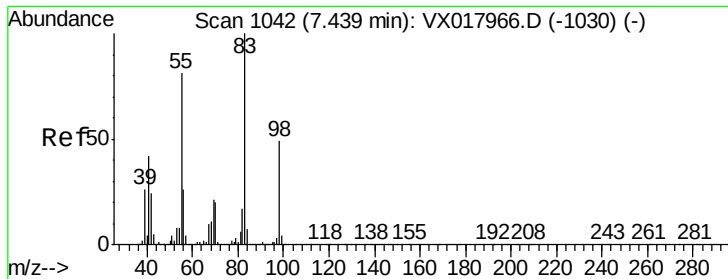
Tot Ion:	43	Resp:	40860
Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.3	16.9
70	10.7	8.5	12.7



#38
Carbon Tetrachloride
Concen: 4.636 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX017964.D
Acq: 18 Aug 2020 18:12

Tgt Ion:	117	Resp:	40112
Ion	Ratio	Lower	Upper
117	100		
119	105.0	79.0	118.6
121	27.8	24.7	37.1

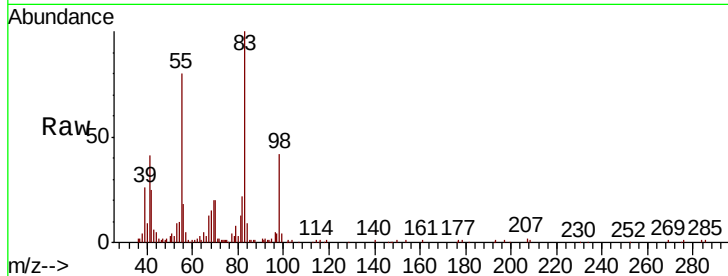




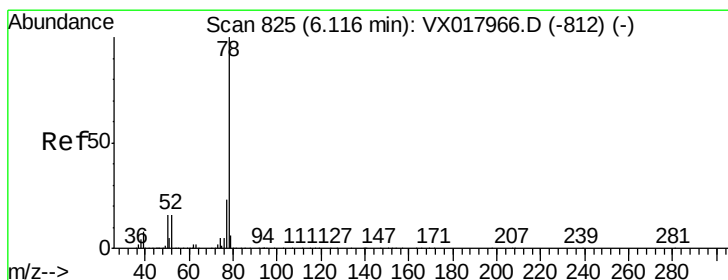
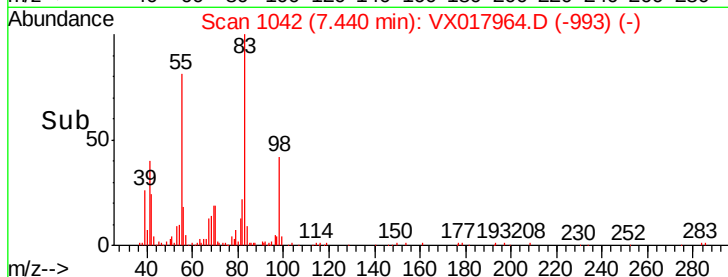
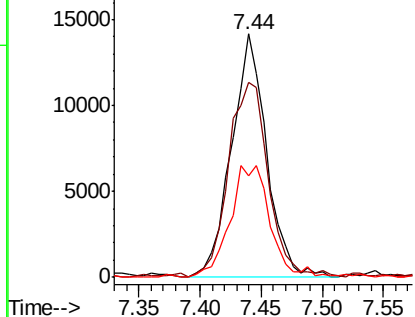
#39
Methylvlcyclohexane
Concen: 3.389 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX017964.D
Acq: 18 Aug 2020 18:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion: 83 Resp: 28203
Ion Ratio Lower Upper
83 100
55 80.2 64.5 96.7
98 41.9 39.0 58.6

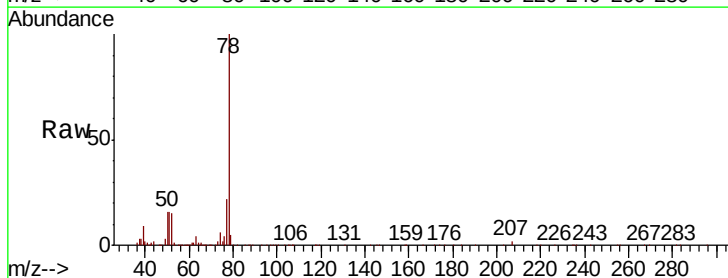


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

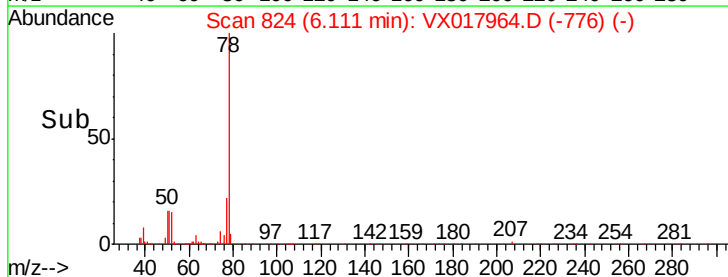
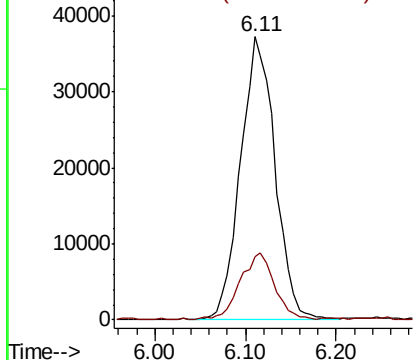


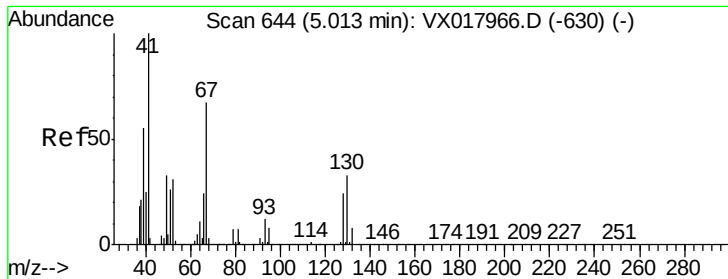
#40
Benzene
Concen: 4.874 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX017964.D
Acq: 18 Aug 2020 18:12

Tgt Ion: 78 Resp: 98265
Ion Ratio Lower Upper
78 100
77 22.1 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

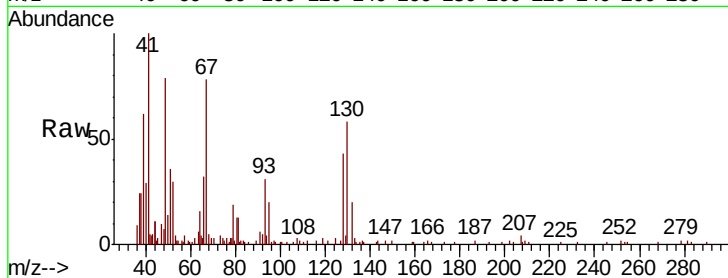




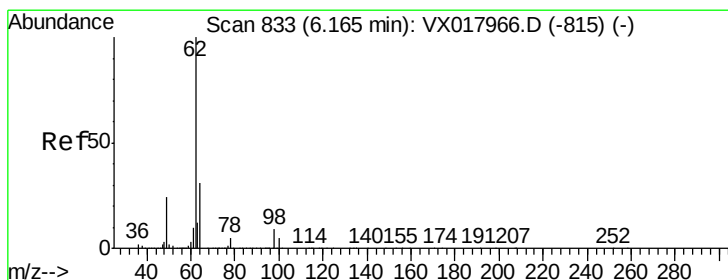
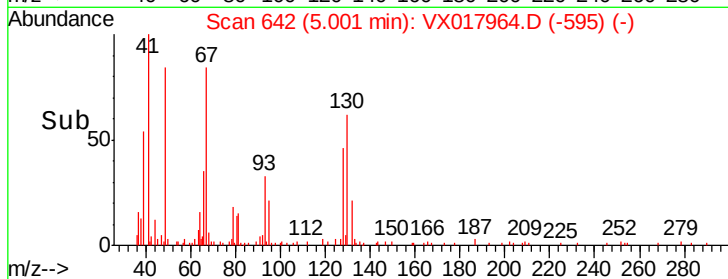
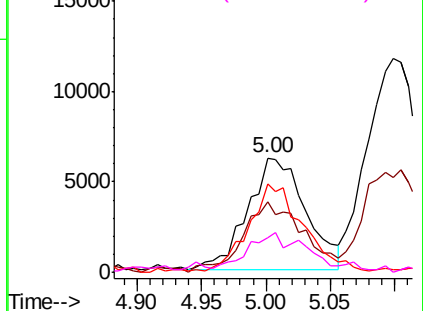
#41
Methacrylonitrile
Concen: 4.366 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX017964.D
Acq: 18 Aug 2020 18:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:	41	Resp:	19356
Ion	Ratio	Lower	Upper
41	100		
39	65.1	44.8	67.2
67	72.4	57.5	86.3
52	29.1	25.6	38.4

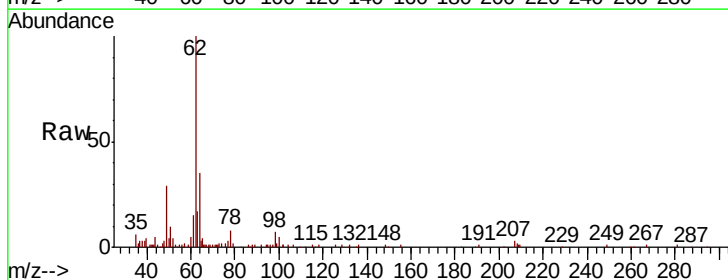


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

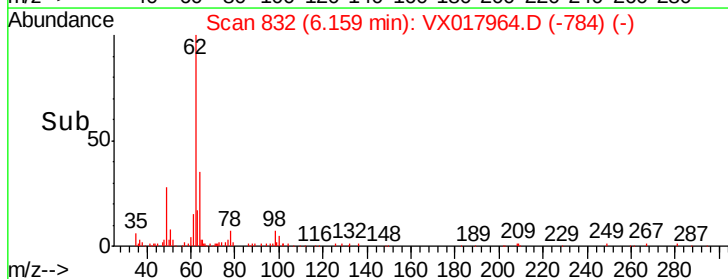
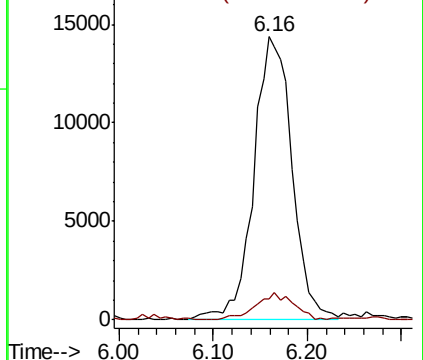


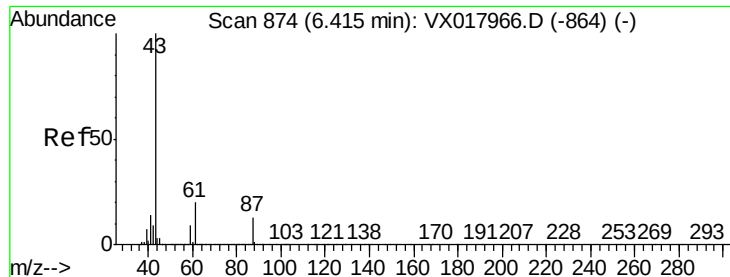
#42
1,2-Dichloroethane
Concen: 4.954 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX017964.D
Acq: 18 Aug 2020 18:12

Tgt Ion:	62	Resp:	40978
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	17.2



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 4.613 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.00 min

Lab File: VX017964.D

Acq: 18 Aug 2020 18:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

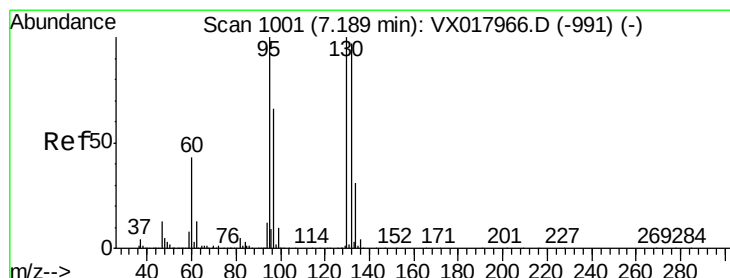
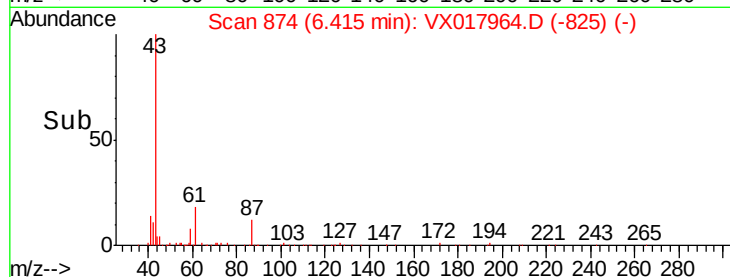
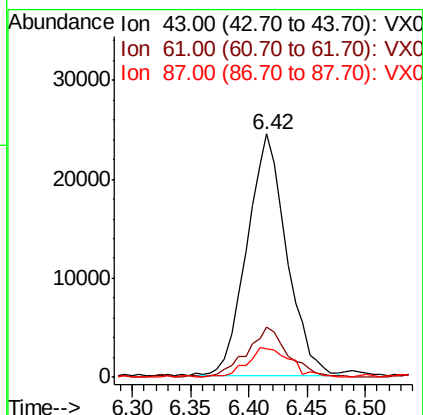
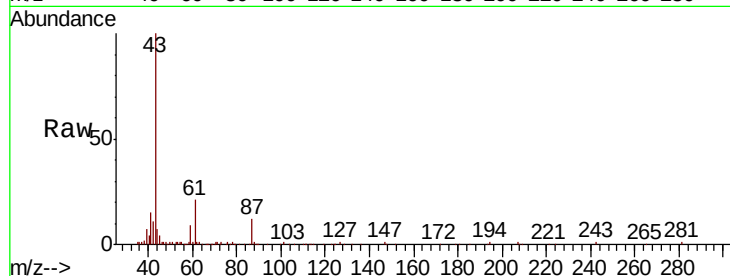
Tot Ion: 43 Resp: 57272

Ion Ratio Lower Upper

43 100

61 22.3 16.2 24.4

87 13.7 10.8 16.2



#44

Trichloroethene

Concen: 4.730 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX017964.D

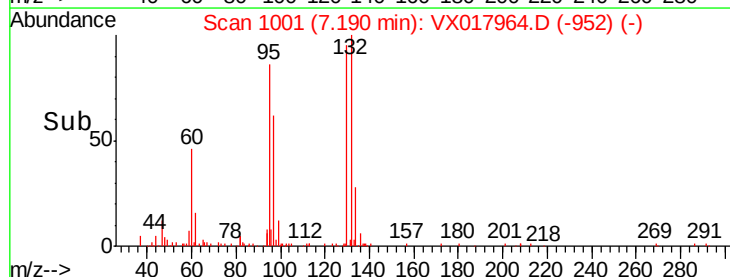
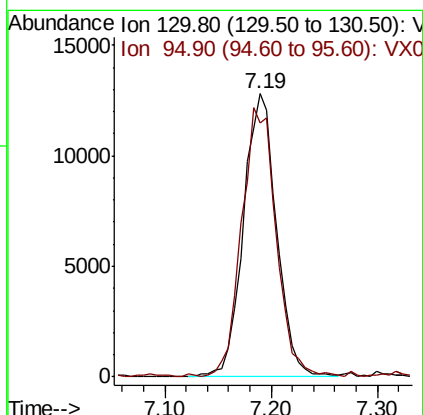
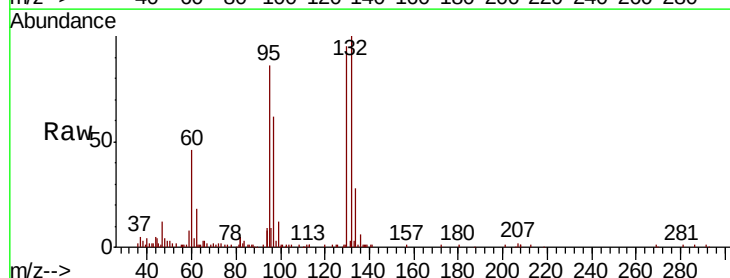
Acq: 18 Aug 2020 18:12

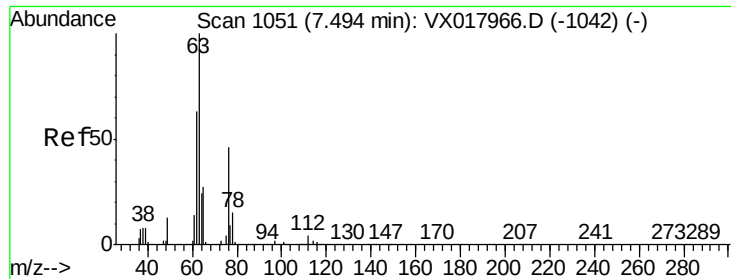
Tgt Ion:130 Resp: 28057

Ion Ratio Lower Upper

130 100

95 89.2 0.0 200.6

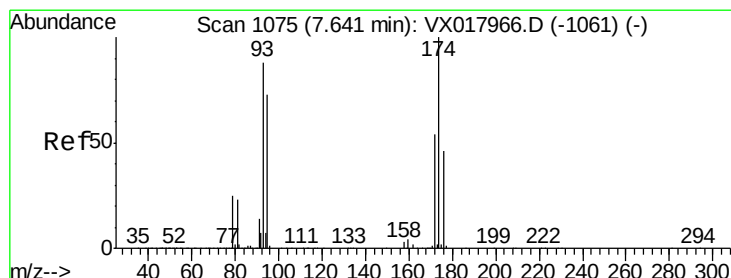
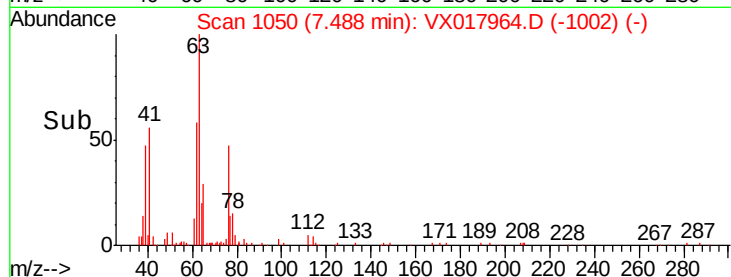
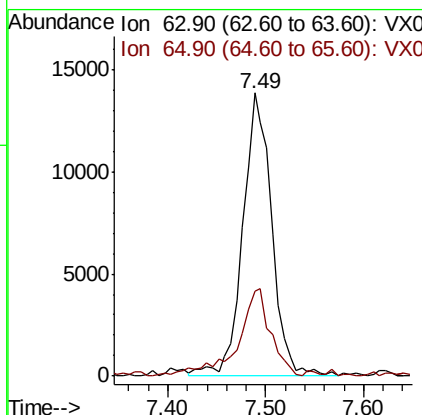
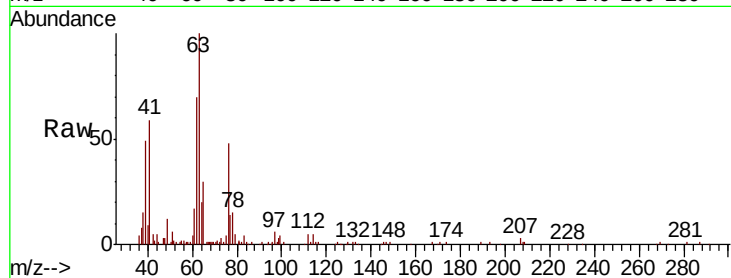




#45
 1,2-Dichloropropane
 Concen: 5.026 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VX017964.D
 Acq: 18 Aug 2020 18:12

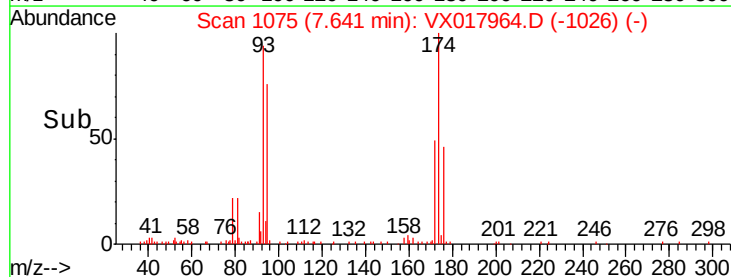
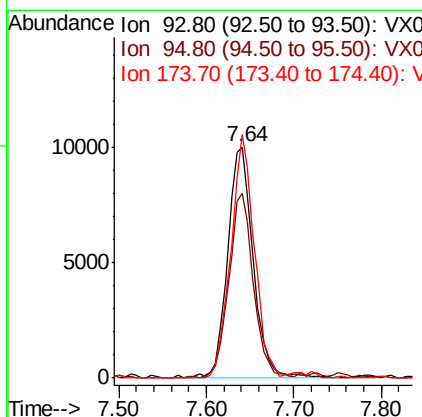
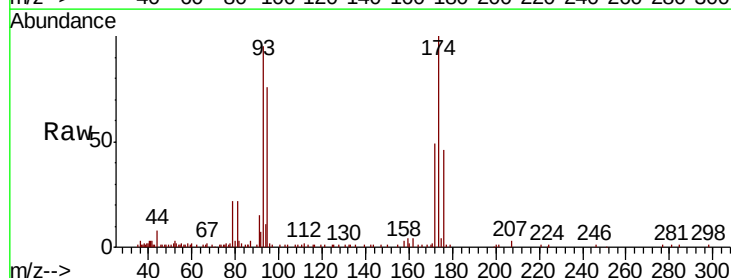
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

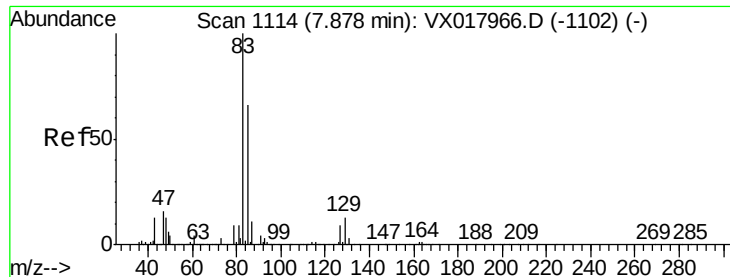
Tot Ion: 63 Resp: 28484
 Ion Ratio Lower Upper
 63 100
 65 29.4 23.8 35.8



#46
 Dibromomethane
 Concen: 5.089 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: VX017964.D
 Acq: 18 Aug 2020 18:12

Tgt Ion: 93 Resp: 20337
 Ion Ratio Lower Upper
 93 100
 95 77.3 66.8 100.2
 174 97.1 88.3 132.5





#47

Bromodichloromethane

Concen: 4.927 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX017964.D

Acq: 18 Aug 2020 18:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

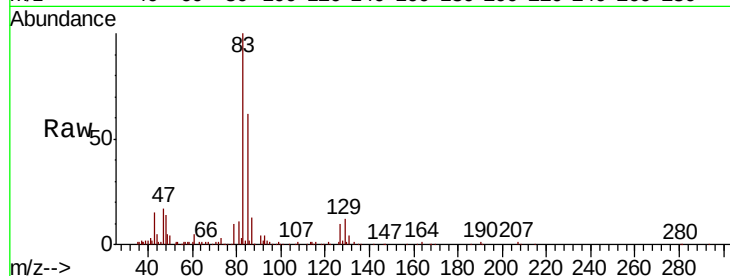
Tot Ion: 83 Resp: 40384

Ion Ratio Lower Upper

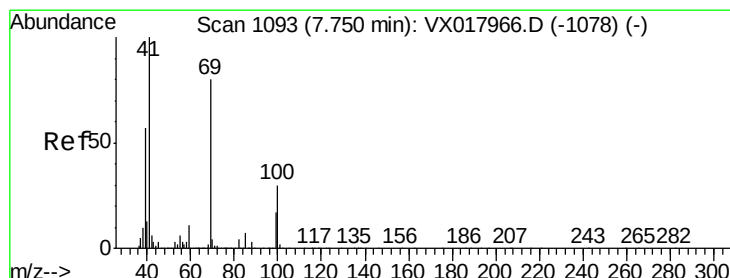
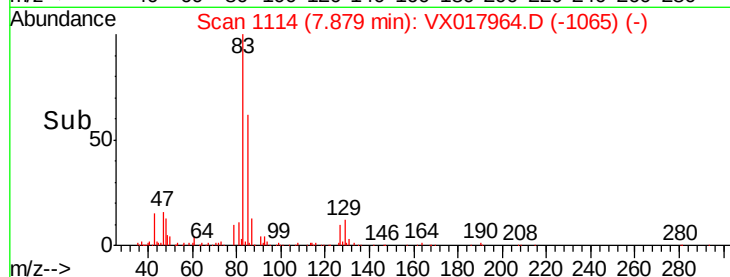
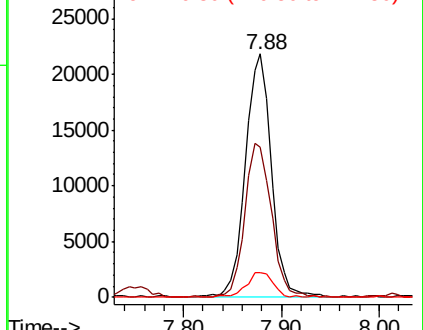
83 100

85 61.7 52.4 78.6

127 10.0 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 3.926 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VX017964.D

Acq: 18 Aug 2020 18:12

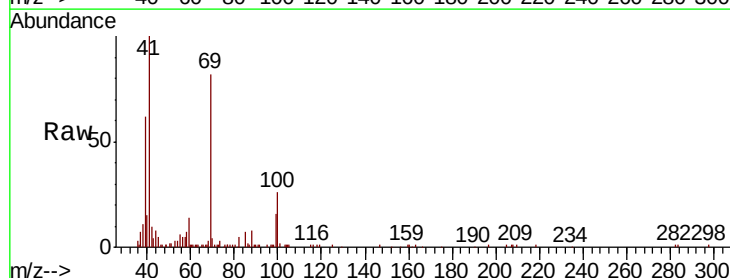
Tgt Ion: 41 Resp: 25069

Ion Ratio Lower Upper

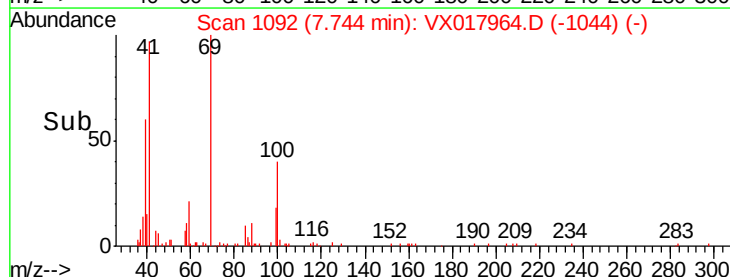
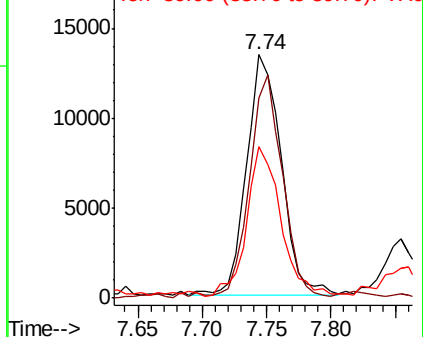
41 100

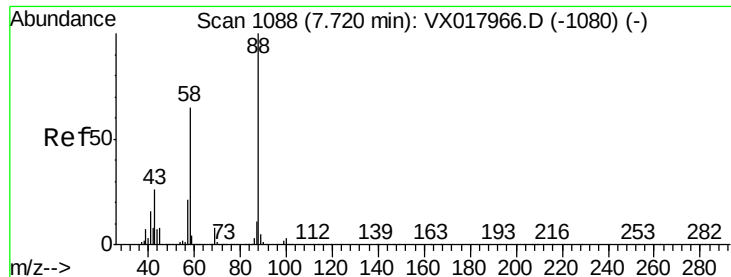
69 85.3 64.3 96.5

39 60.8 45.3 67.9



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 86.032 ug/l

RT: 7.72 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX017964.D

Acq: 18 Aug 2020 18:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

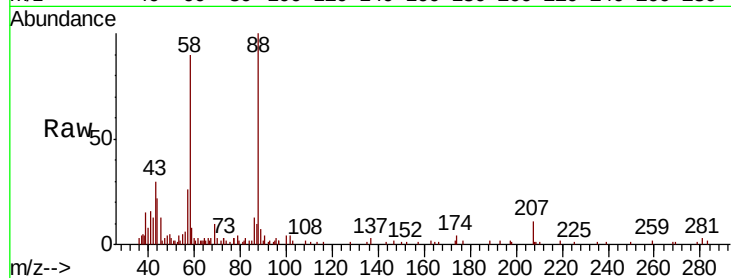
Tot Ion: 88 Resp: 10568

Ion Ratio Lower Upper

88 100

43 53.3 27.3 40.9#

58 83.0 57.7 86.5

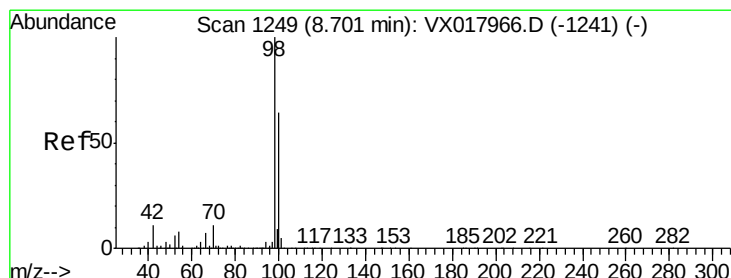
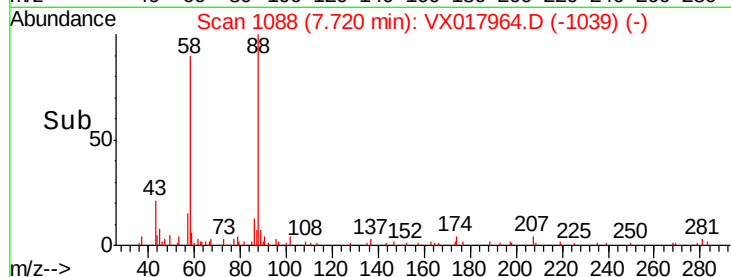
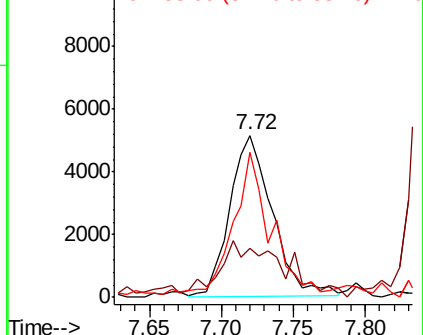


Abundance

Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 5.411 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.01 min

Lab File: VX017964.D

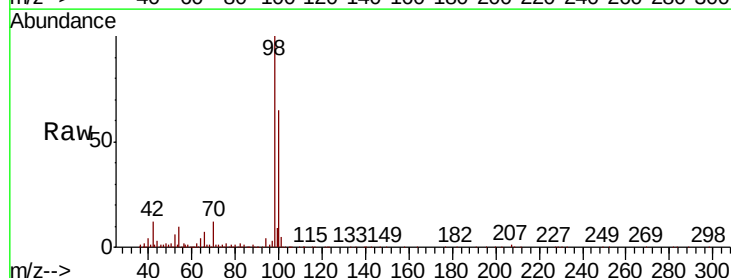
Acq: 18 Aug 2020 18:12

Tgt Ion: 98 Resp: 97026

Ion Ratio Lower Upper

98 100

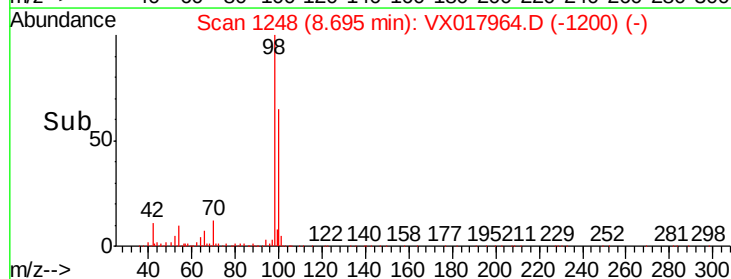
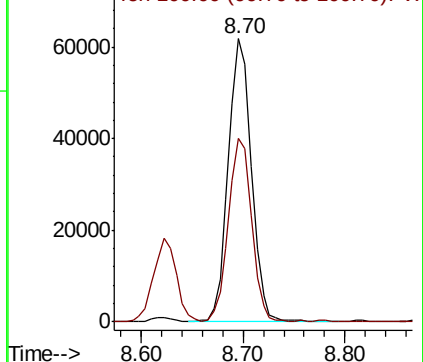
100 64.5 51.4 77.2

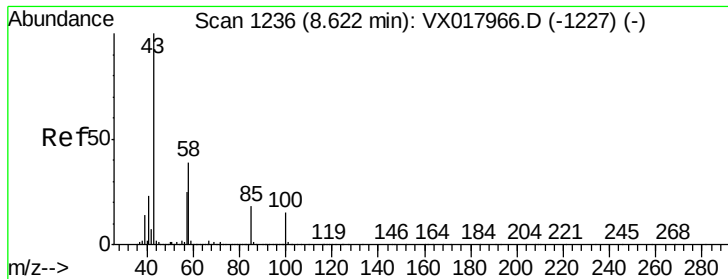


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

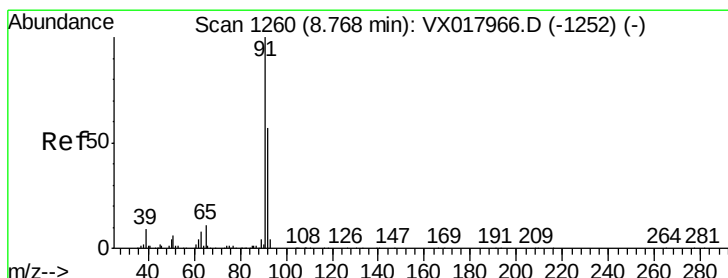
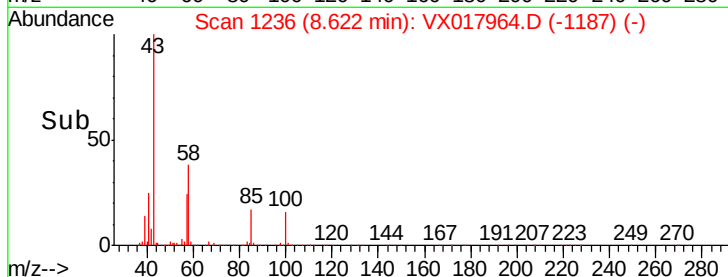
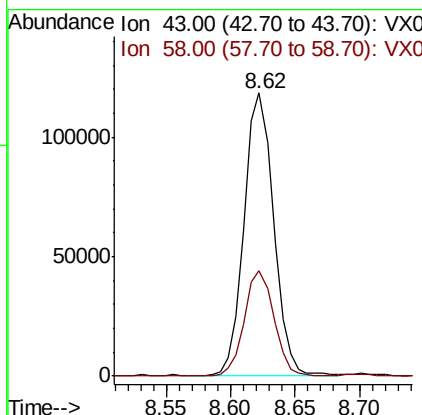
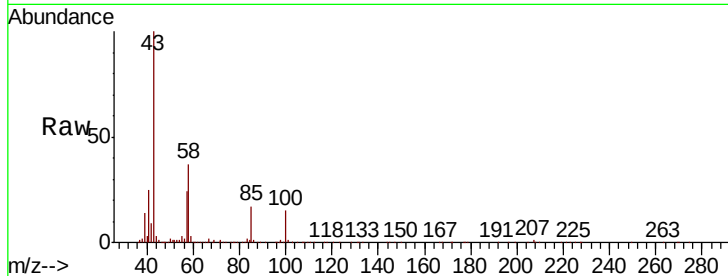




#51
 4-Methyl-2-Pentanone
 Concen: 24.425 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VX017964.D
 Acq: 18 Aug 2020 18:12

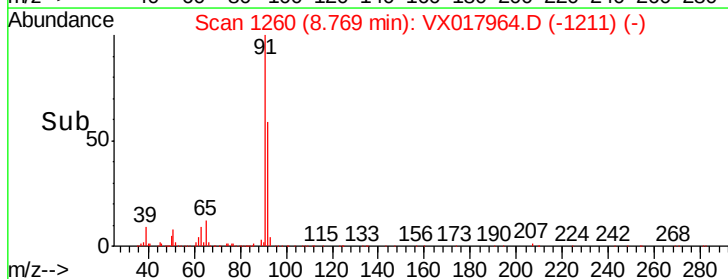
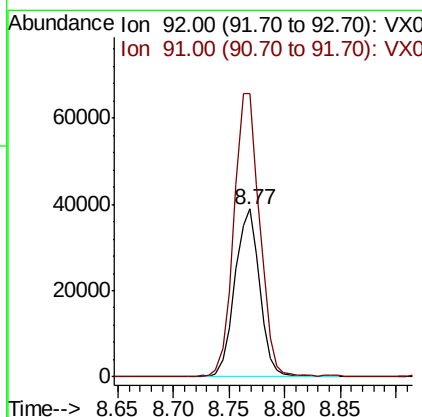
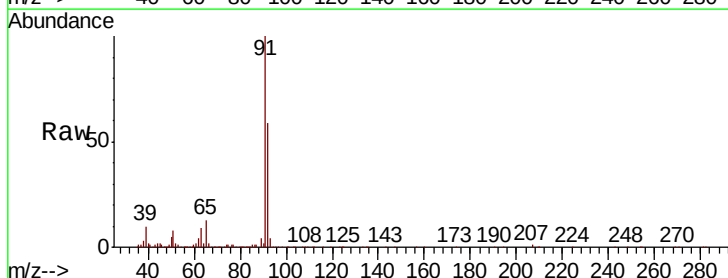
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

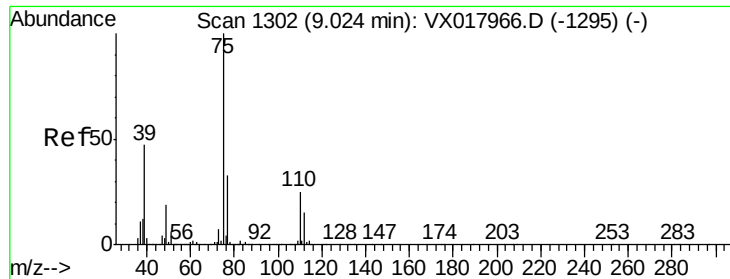
Tot Ion: 43 Resp: 187547
 Ion Ratio Lower Upper
 43 100
 58 37.3 31.0 46.4



#52
 Toluene
 Concen: 4.624 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: VX017964.D
 Acq: 18 Aug 2020 18:12

Tgt Ion: 92 Resp: 60157
 Ion Ratio Lower Upper
 92 100
 91 174.5 138.4 207.6

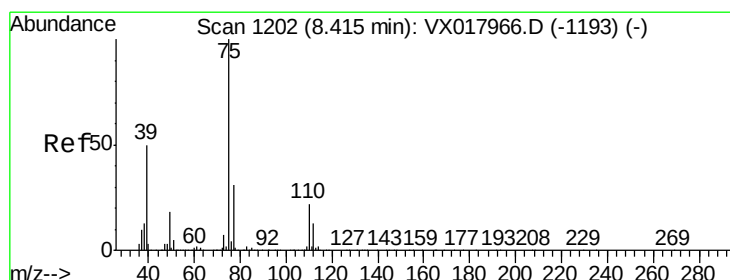
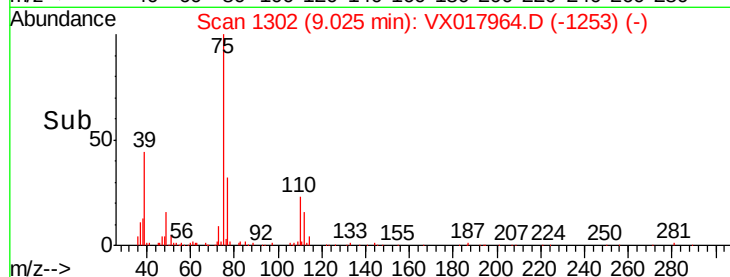
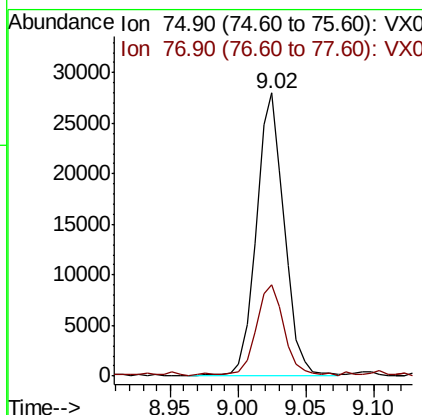
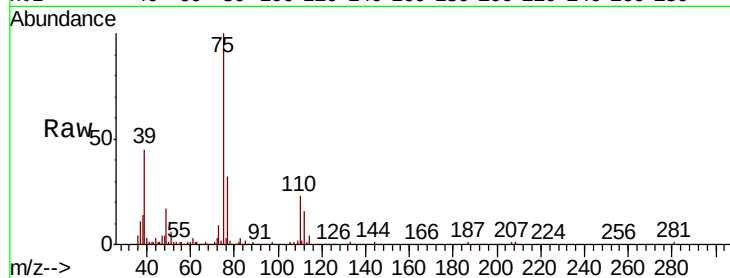




#53
t-1,3-Dichloropropene
Concen: 4.560 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VX017964.D
Acq: 18 Aug 2020 18:12

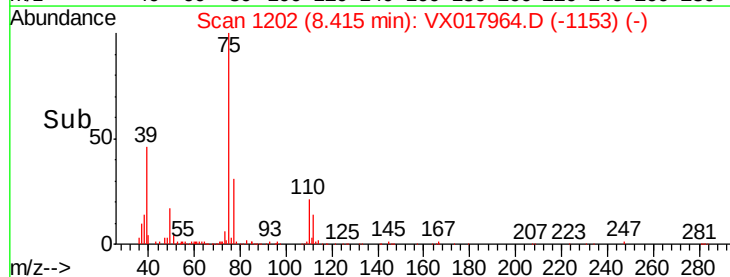
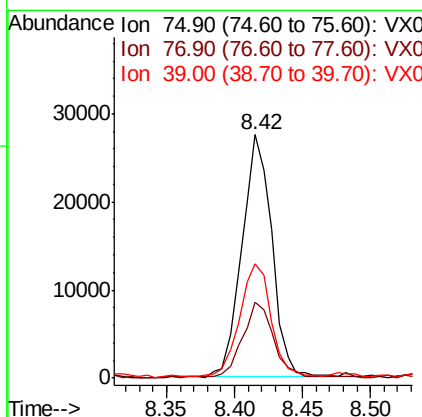
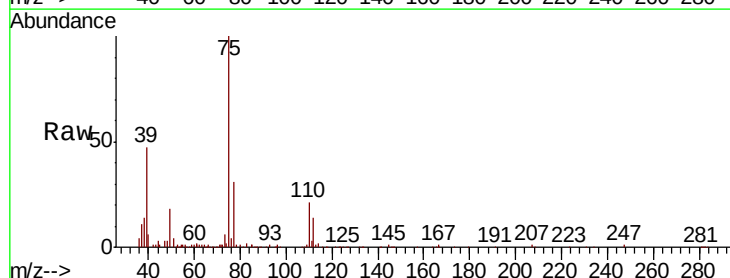
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

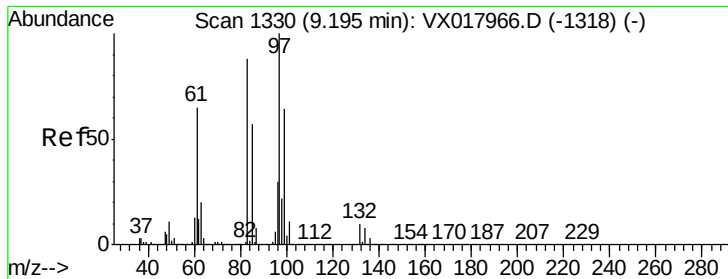
Tot Ion: 75 Resp: 40462
Ion Ratio Lower Upper
75 100
77 32.1 26.1 39.1



#54
cis-1,3-Dichloropropene
Concen: 4.646 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX017964.D
Acq: 18 Aug 2020 18:12

Tgt Ion: 75 Resp: 42247
Ion Ratio Lower Upper
75 100
77 30.9 24.6 36.8
39 46.6 39.7 59.5

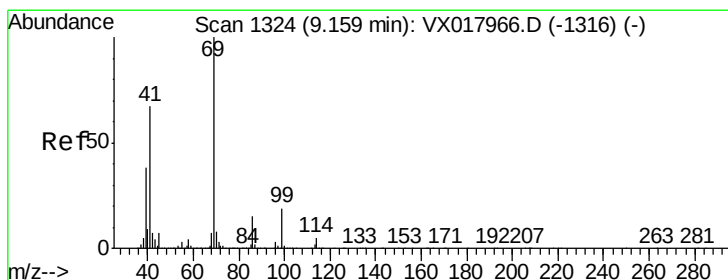
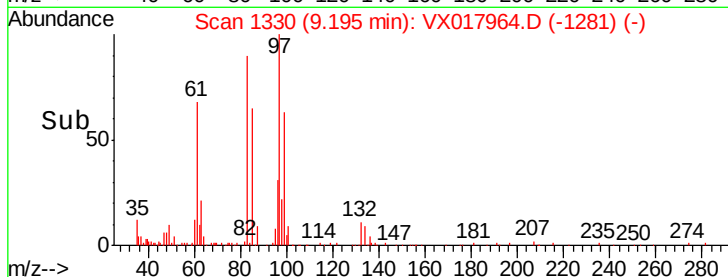
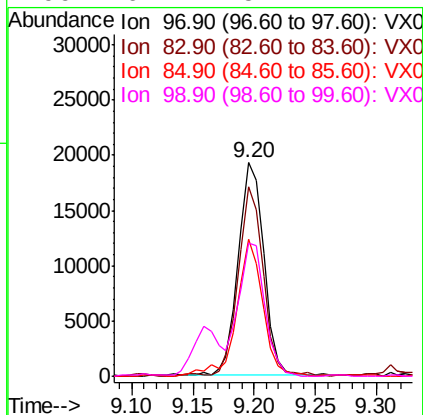
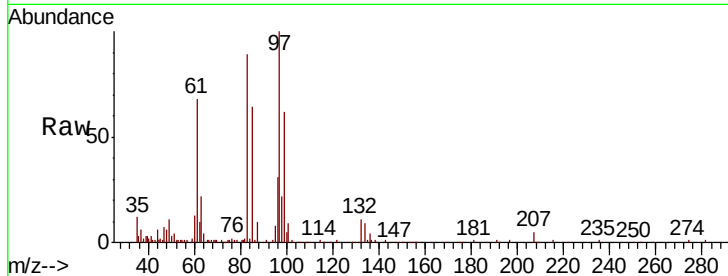




#55
 1,1,2-Trichloroethane
 Concen: 5.152 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX017964.D
 Acq: 18 Aug 2020 18:12

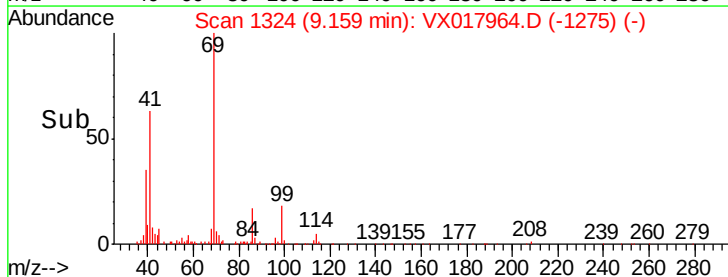
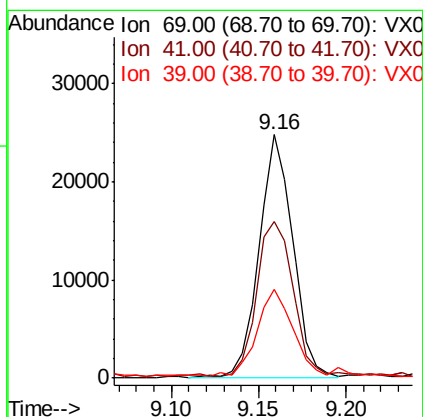
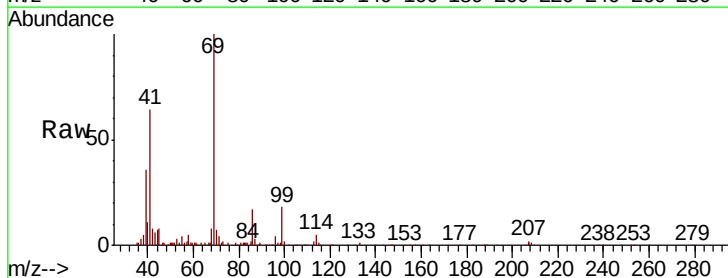
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

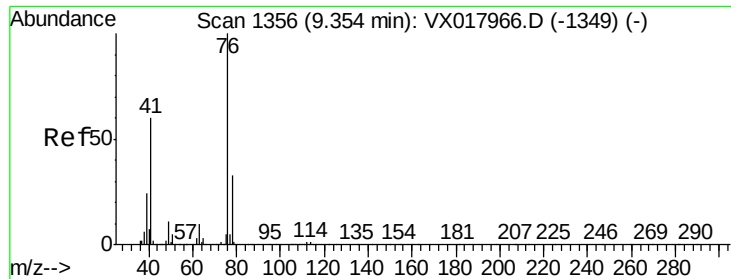
Tot Ion:	97	Resp:	28138
Ion	Ratio	Lower	Upper
97	100		
83	88.3	70.1	105.1
85	63.6	45.8	68.8
99	62.1	51.4	77.2



#56
 Ethyl methacrylate
 Concen: 4.120 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX017964.D
 Acq: 18 Aug 2020 18:12

Tgt Ion:	69	Resp:	33451
Ion	Ratio	Lower	Upper
69	100		
41	68.2	52.3	78.5
39	37.0	29.2	43.8

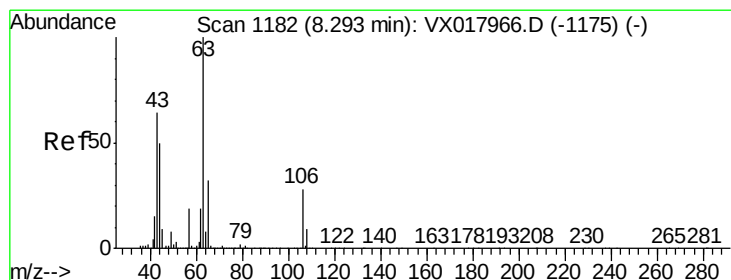
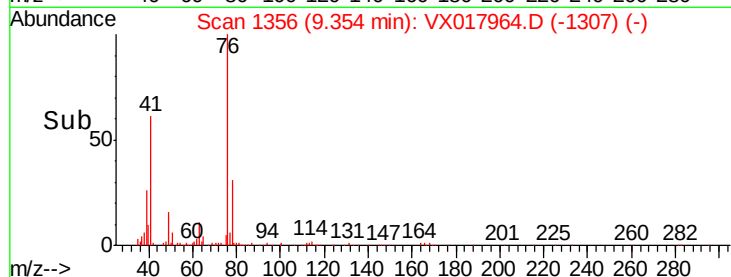
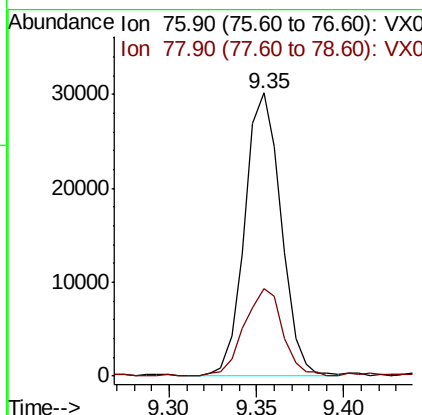
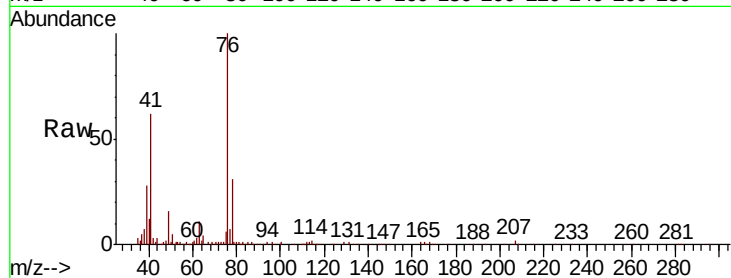




#57
 1,3-Dichloropropane
 Concen: 4.877 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: VX017964.D
 Acq: 18 Aug 2020 18:12

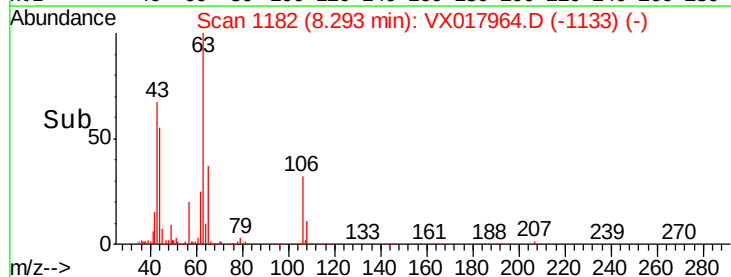
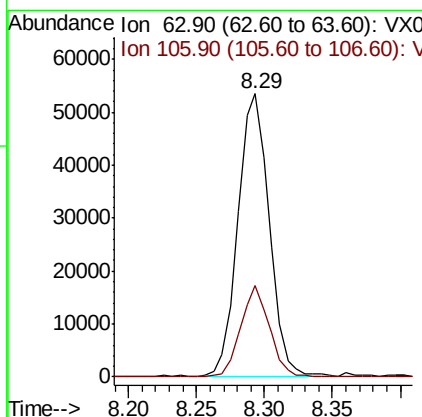
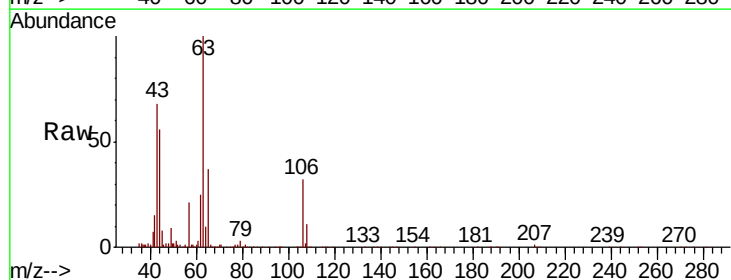
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

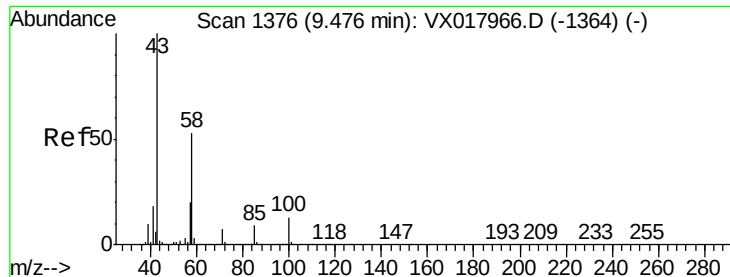
Tot Ion: 76 Resp: 43633
 Ion Ratio Lower Upper
 76 100
 78 32.4 26.4 39.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 20.432 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VX017964.D
 Acq: 18 Aug 2020 18:12

Tgt Ion: 63 Resp: 85857
 Ion Ratio Lower Upper
 63 100
 106 29.8 23.0 34.4

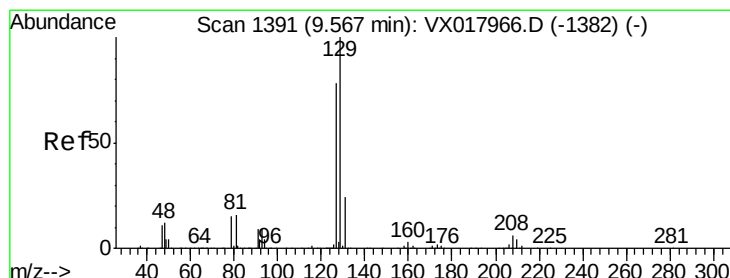
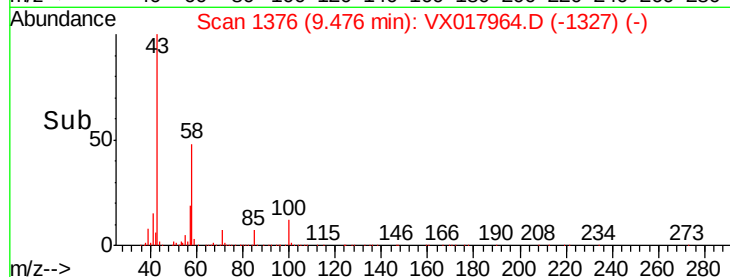
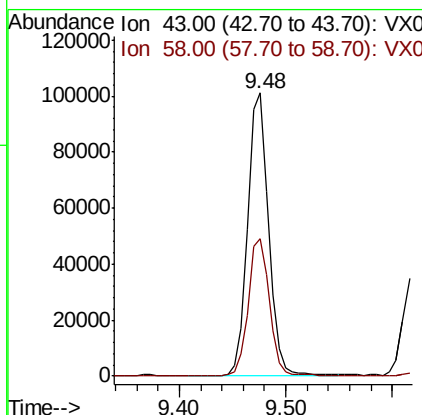
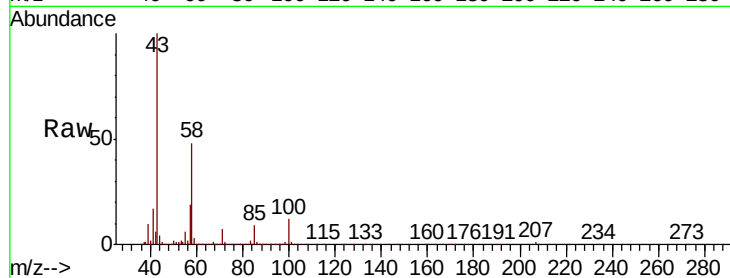




#59
2-Hexanone
Concen: 24.292 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX017964.D
Acq: 18 Aug 2020 18:12

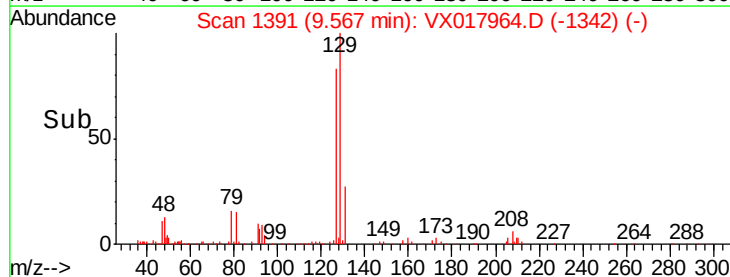
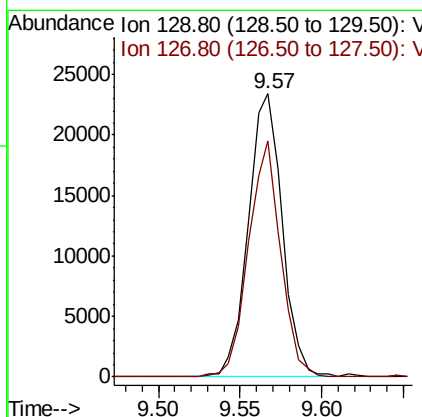
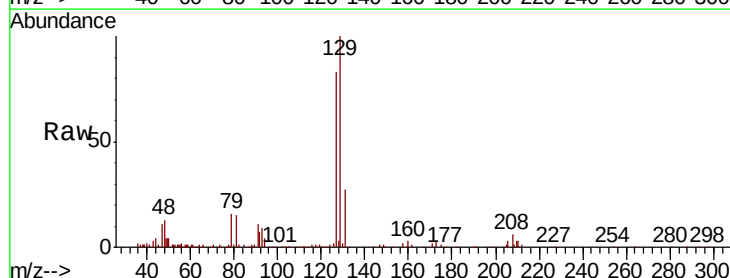
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

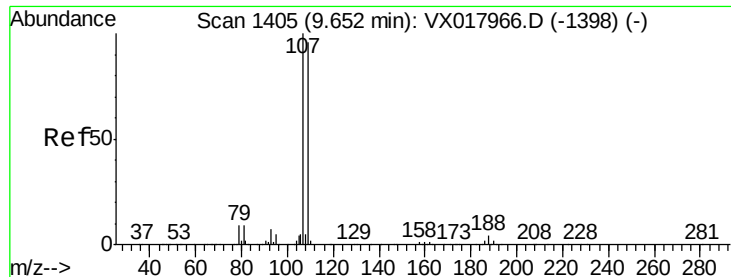
Tot Ion: 43 Resp: 139599
Ion Ratio Lower Upper
43 100
58 48.6 26.4 79.0



#60
Dibromochloromethane
Concen: 4.905 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX017964.D
Acq: 18 Aug 2020 18:12

Tgt Ion: 129 Resp: 33855
Ion Ratio Lower Upper
129 100
127 79.1 39.5 118.3





#61

1,2-Dibromoethane

Concen: 5.031 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX017964.D

Acq: 18 Aug 2020 18:12

Instrument :

MSVOA_X

ClientSampleId :

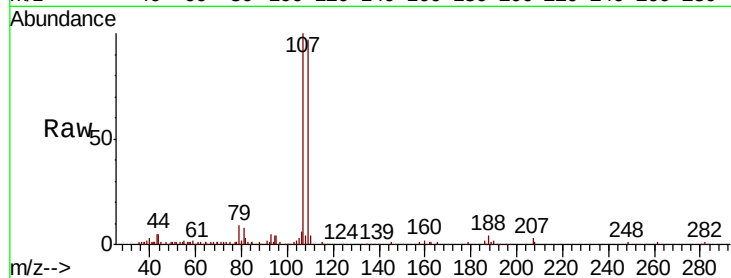
VSTDIC005

Tot Ion: 107 Resp: 29506

Ion Ratio Lower Upper

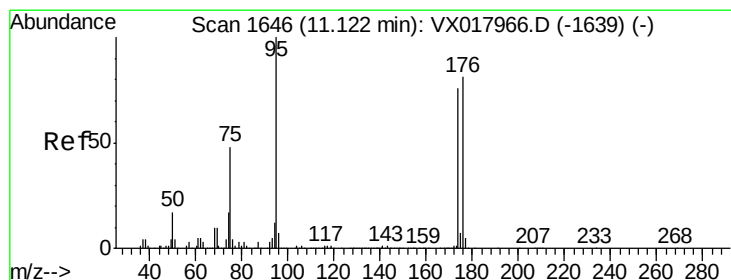
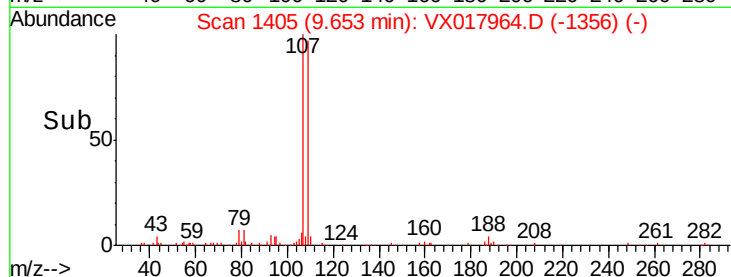
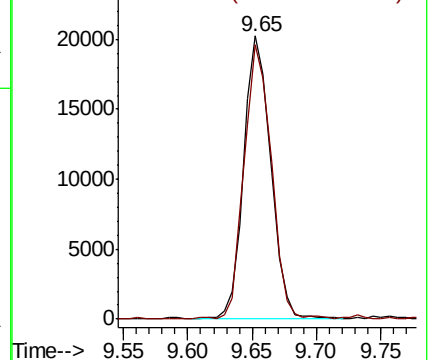
107 100

109 97.7 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 4.814 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX017964.D

Acq: 18 Aug 2020 18:12

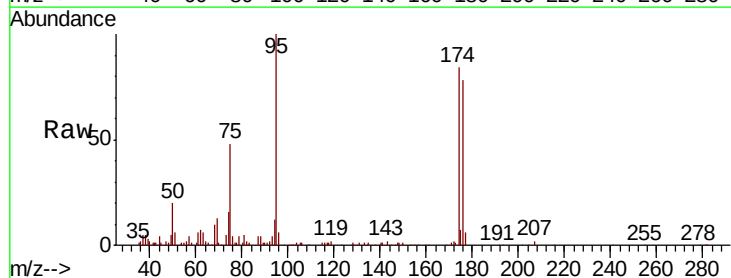
Tgt Ion: 95 Resp: 34564

Ion Ratio Lower Upper

95 100

174 83.0 0.0 166.0

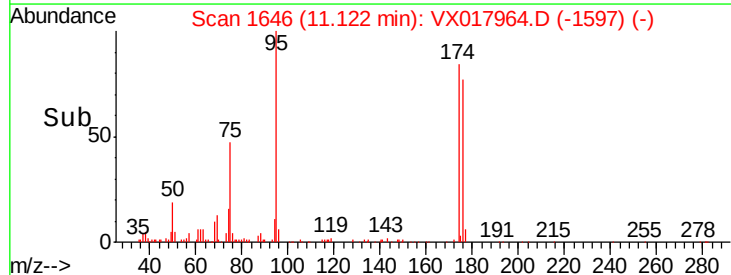
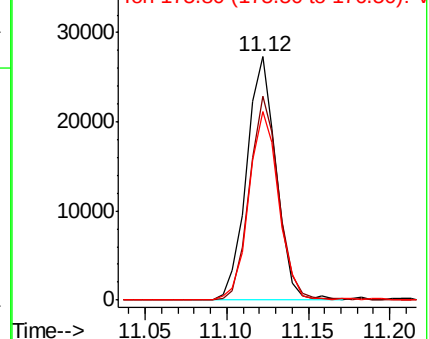
176 78.0 0.0 161.0

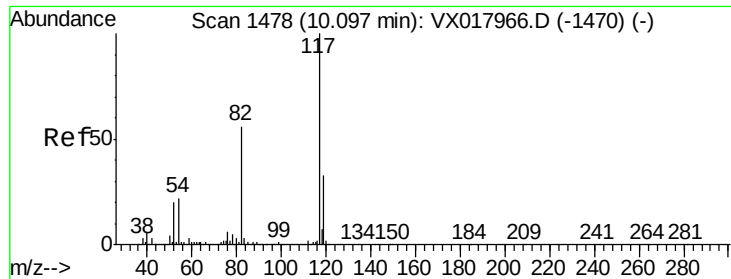


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

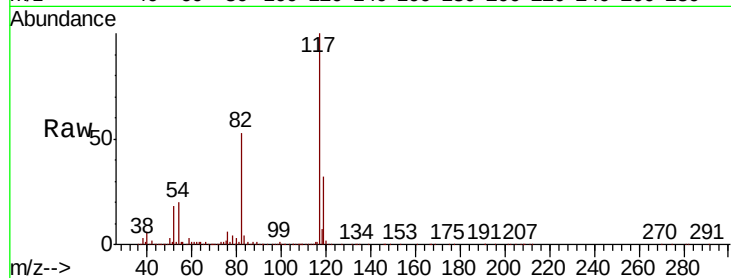




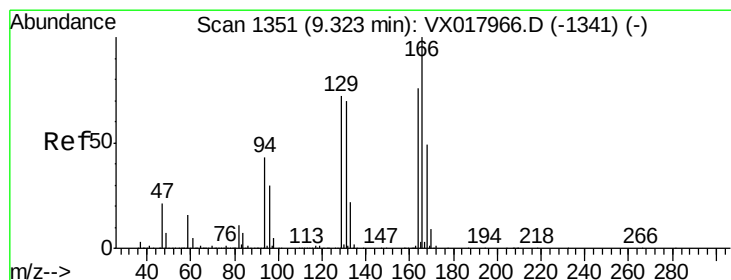
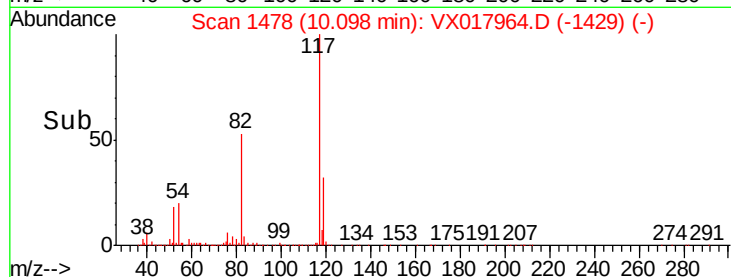
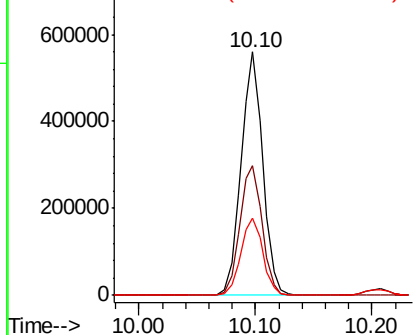
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017964.D
Acq: 18 Aug 2020 18:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:117 Resp: 726790
Ion Ratio Lower Upper
117 100
82 53.5 44.6 66.8
119 31.6 26.2 39.4

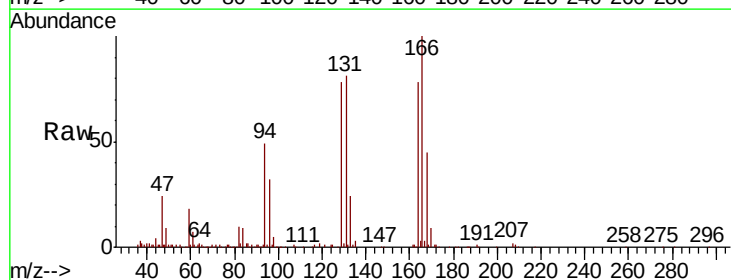


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

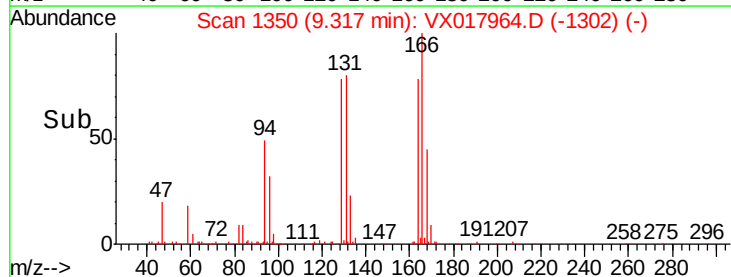
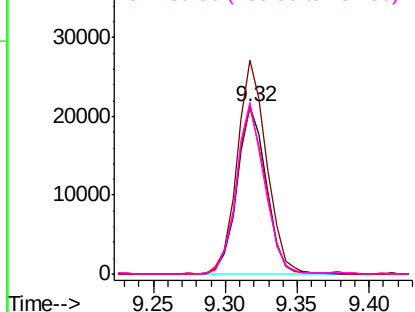


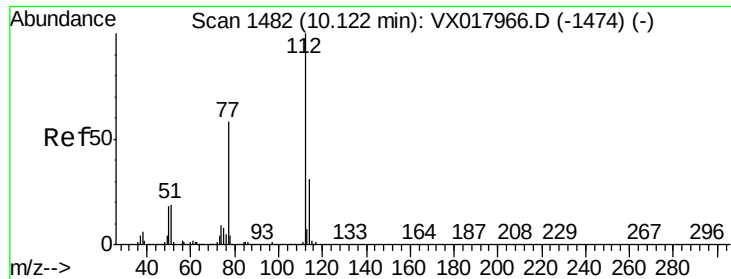
#64
Tetrachloroethene
Concen: 4.689 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.01 min
Lab File: VX017964.D
Acq: 18 Aug 2020 18:12

Tgt Ion:164 Resp: 29886
Ion Ratio Lower Upper
164 100
166 127.8 105.7 158.5
129 98.9 75.8 113.8
131 103.0 74.2 111.4



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

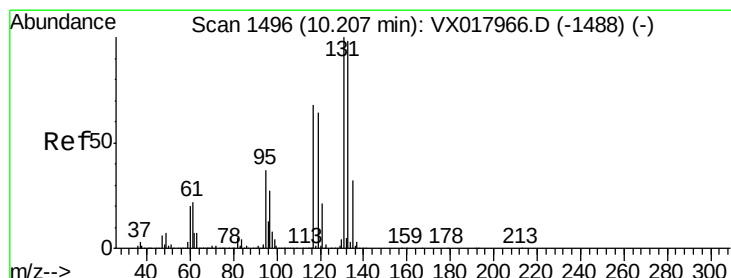
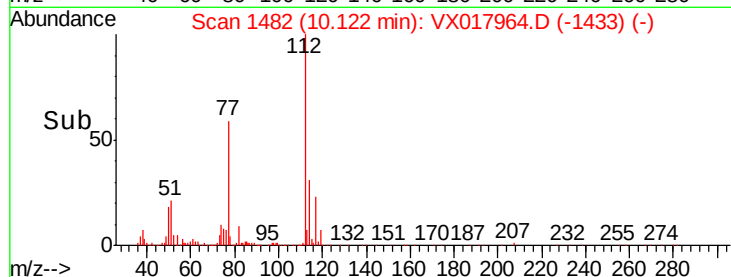
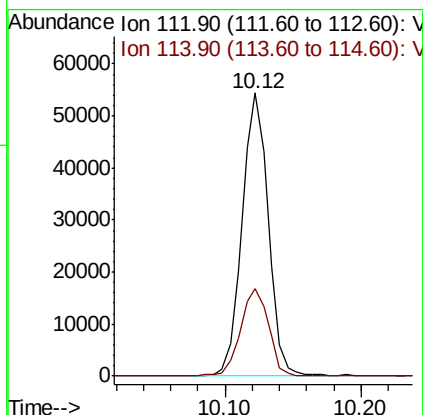
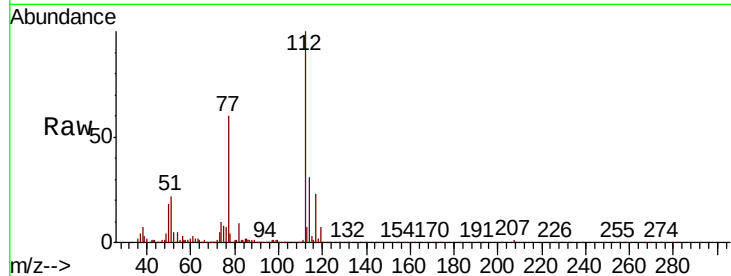




#65
Chlorobenzene
Concen: 4.703 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX017964.D
Acq: 18 Aug 2020 18:12

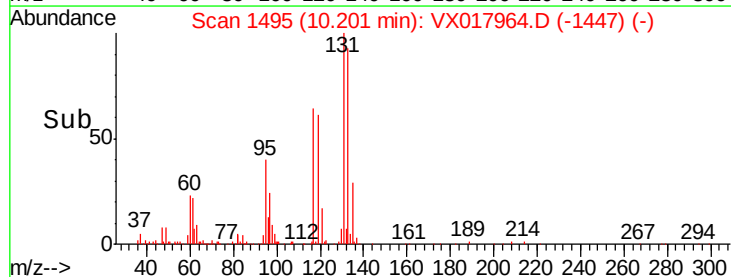
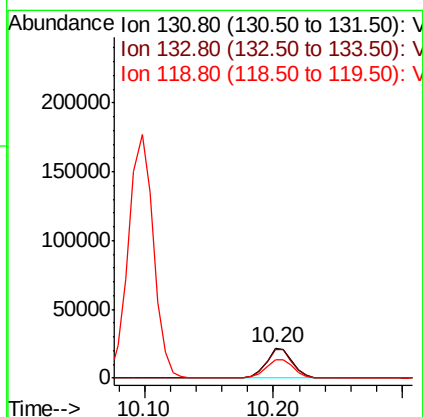
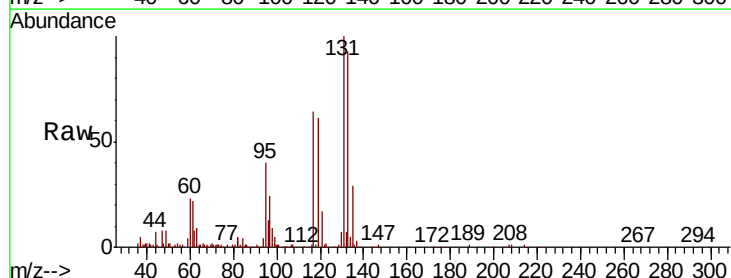
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

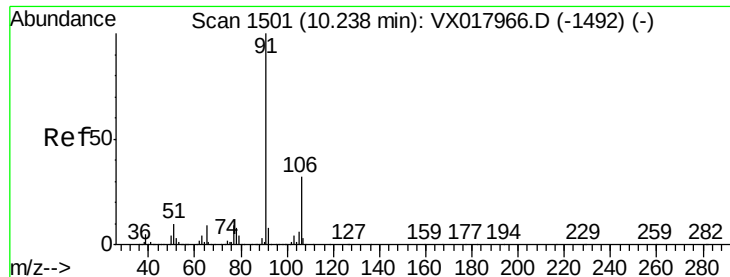
Tot Ion:112 Resp: 73081
Ion Ratio Lower Upper
112 100
114 30.7 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 4.858 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX017964.D
Acq: 18 Aug 2020 18:12

Tgt Ion:131 Resp: 30618
Ion Ratio Lower Upper
131 100
133 97.1 48.4 145.3
119 67.0 31.6 94.8





#67

Ethyl Benzene

Concen: 4.219 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX017964.D

Acq: 18 Aug 2020 18:12

Instrument :

MSVOA_X

ClientSampleId :

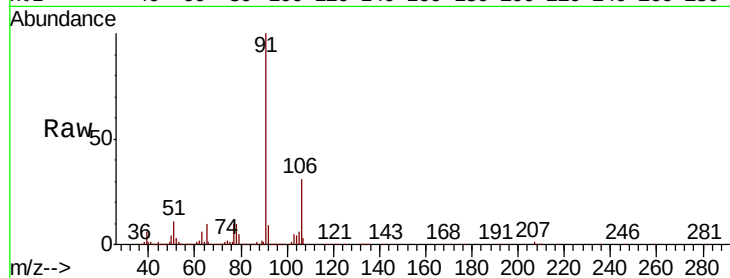
VSTDIC005

Tot Ion: 91 Resp: 108902

Ion Ratio Lower Upper

91 100

106 30.9 25.4 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX017966.D (-1492) (-)

Ion 106.00 (105.70 to 106.70): VX017966.D (-1492) (-)

10.24

80000

60000

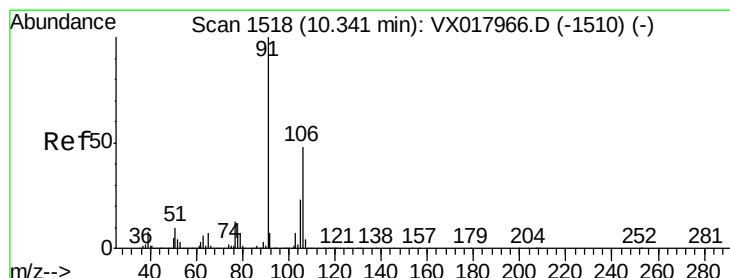
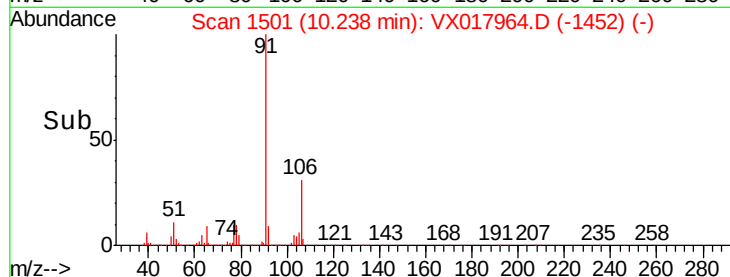
40000

20000

0

Time-->

10.15 10.20 10.25 10.30



#68

m/p-Xylenes

Concen: 8.065 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX017964.D

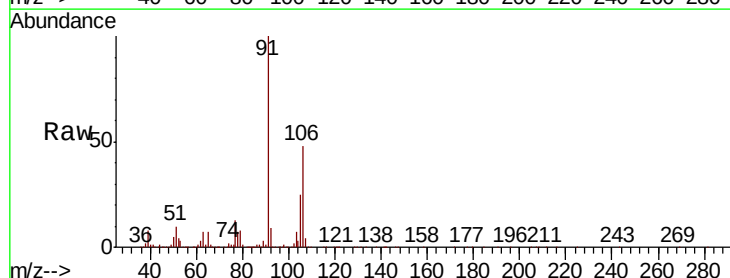
Acq: 18 Aug 2020 18:12

Tgt Ion: 106 Resp: 80032

Ion Ratio Lower Upper

106 100

91 208.5 167.4 251.2



Abundance Ion 106.00 (105.70 to 106.70): VX017966.D (-1510) (-)

Ion 91.00 (90.70 to 91.70): VX017966.D (-1510) (-)

150000

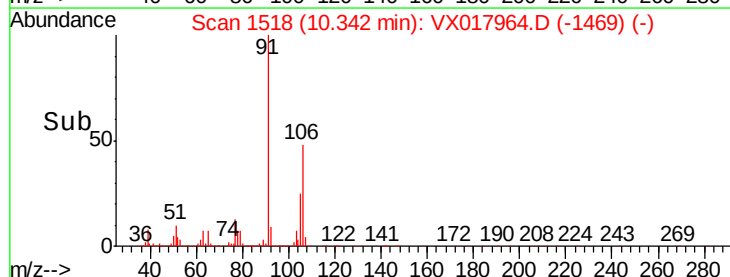
100000

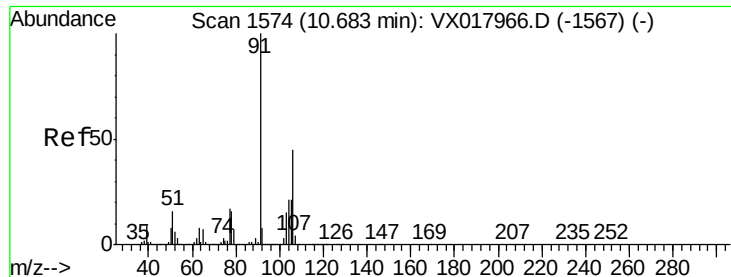
50000

0

Time-->

10.30 10.35 10.40

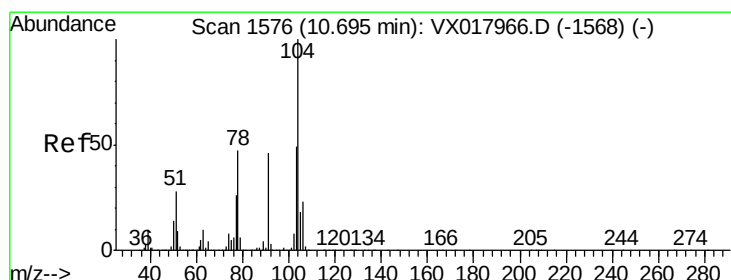
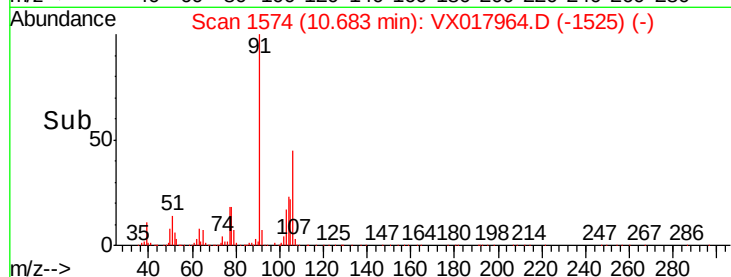
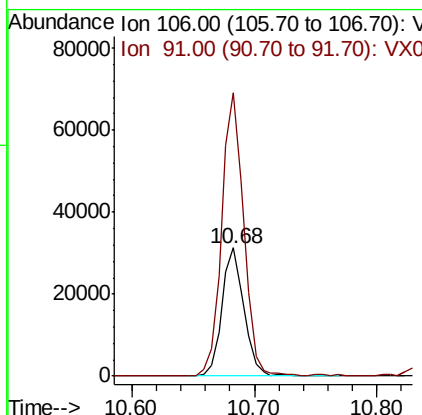
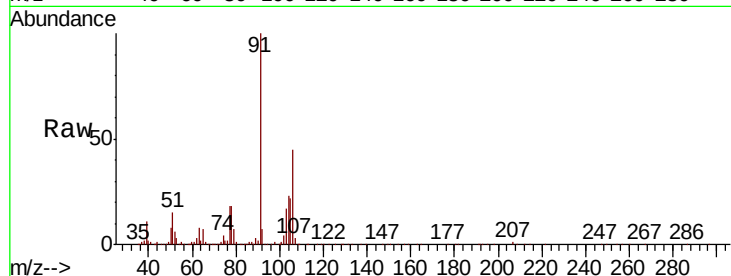




#69
o-Xylene
Concen: 4.063 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX017964.D
Acq: 18 Aug 2020 18:12

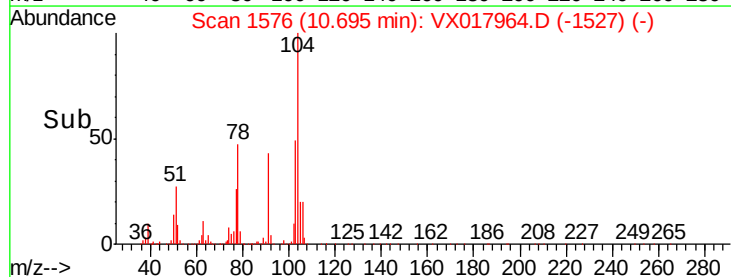
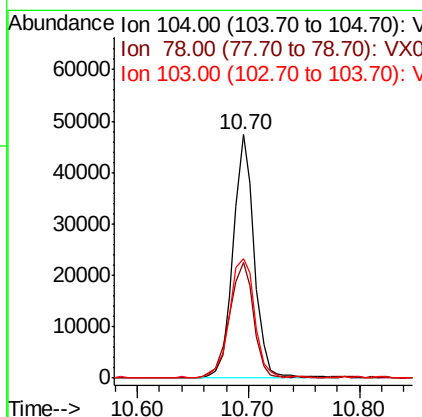
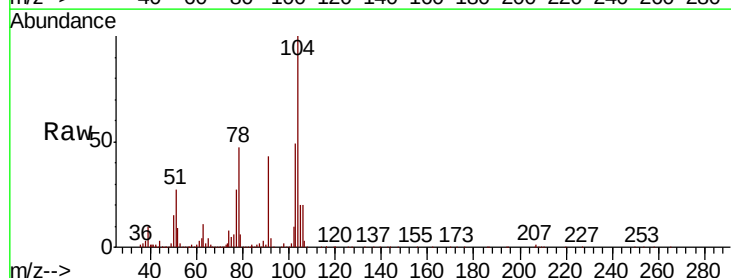
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

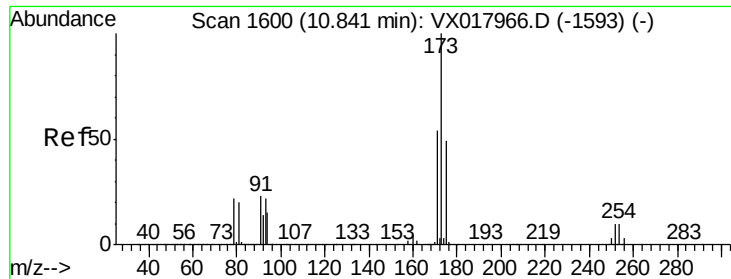
Tot Ion:106 Resp: 38958
Ion Ratio Lower Upper
106 100
91 222.4 108.1 324.2



#70
Styrene
Concen: 3.803 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX017964.D
Acq: 18 Aug 2020 18:12

Tgt Ion:104 Resp: 62168
Ion Ratio Lower Upper
104 100
78 54.9 41.3 61.9
103 58.6 42.9 64.3





#71

Bromoform

Concen: 4.801 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX017964.D

Acq: 18 Aug 2020 18:12

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

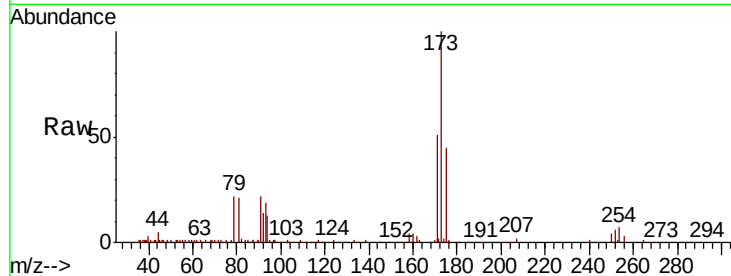
Tot Ion:173 Resp: 26130

Ion Ratio Lower Upper

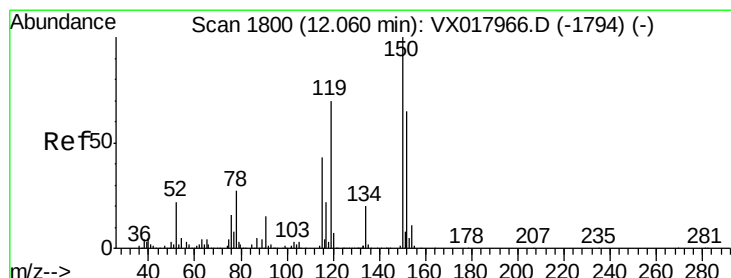
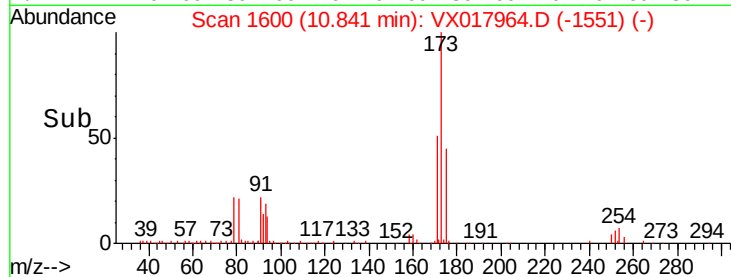
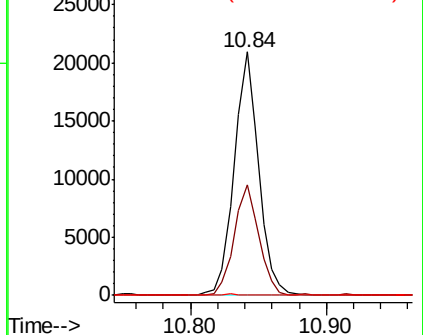
173 100

175 46.1 24.4 73.2

254 0.1 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX017964.D

Acq: 18 Aug 2020 18:12

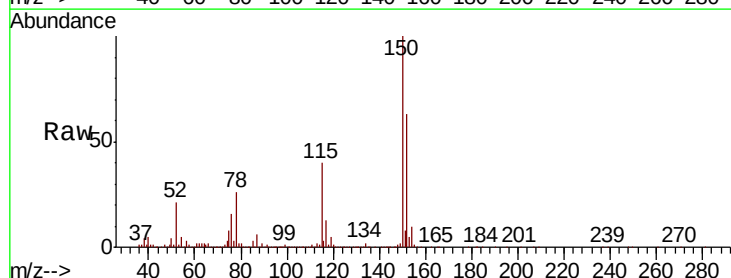
Tgt Ion:152 Resp: 359946

Ion Ratio Lower Upper

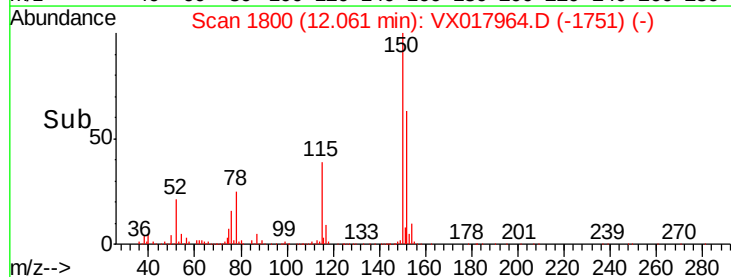
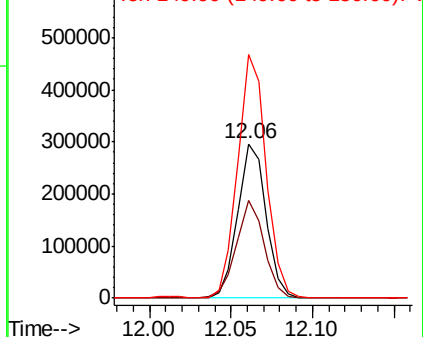
152 100

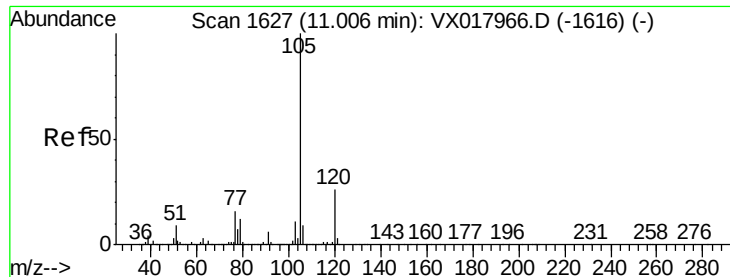
115 61.9 40.6 121.7

150 157.7 0.0 346.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 4.350 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX017964.D

Acq: 18 Aug 2020 18:12

Instrument :

MSVOA_X

ClientSampleId :

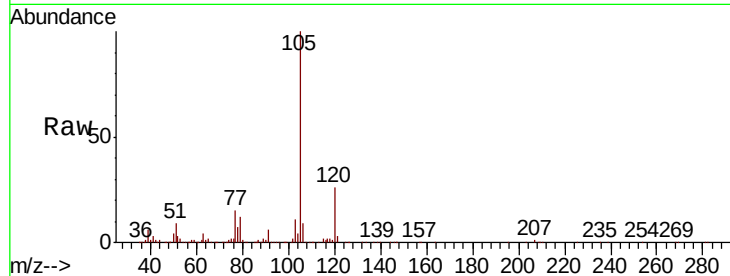
VSTDIC005

Tot Ion:105 Resp: 106857

Ion Ratio Lower Upper

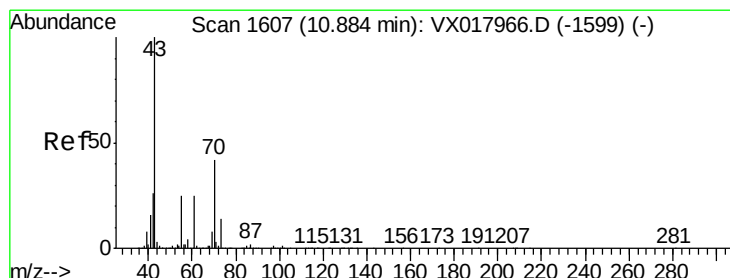
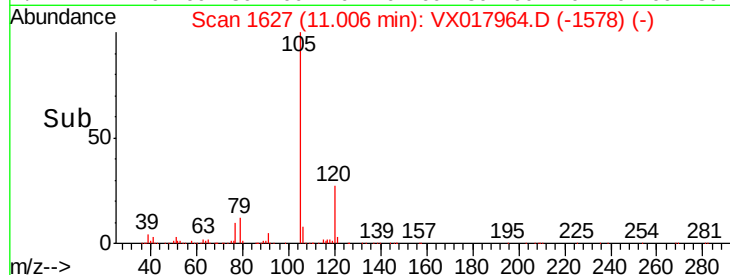
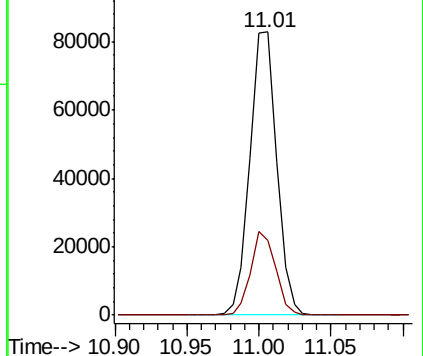
105 100

120 27.8 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 4.114 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX017964.D

Acq: 18 Aug 2020 18:12

Tgt Ion: 43 Resp: 44276

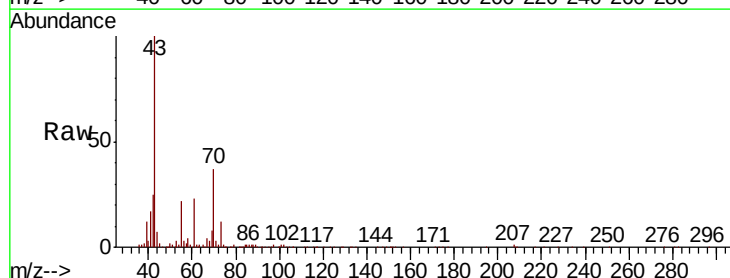
Ion Ratio Lower Upper

43 100

70 41.4 32.9 49.3

55 25.7 19.3 28.9

61 23.1 19.6 29.4

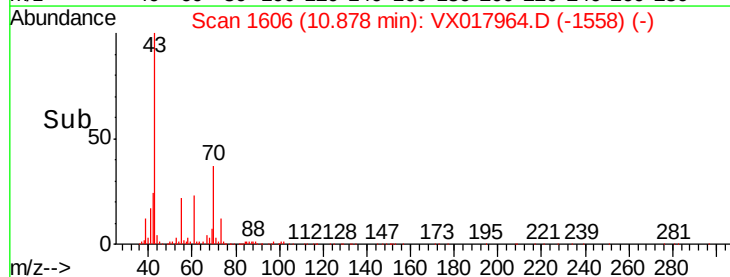
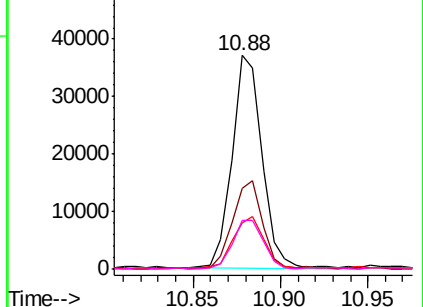


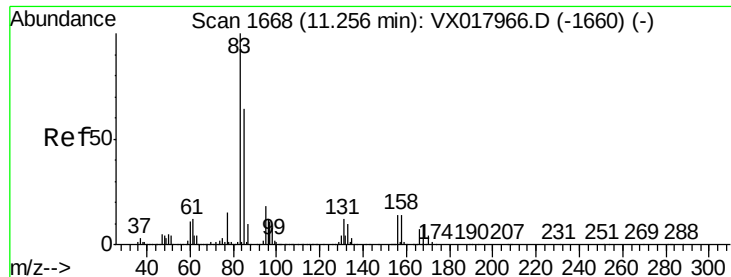
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 5.478 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX017964.D

Acq: 18 Aug 2020 18:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

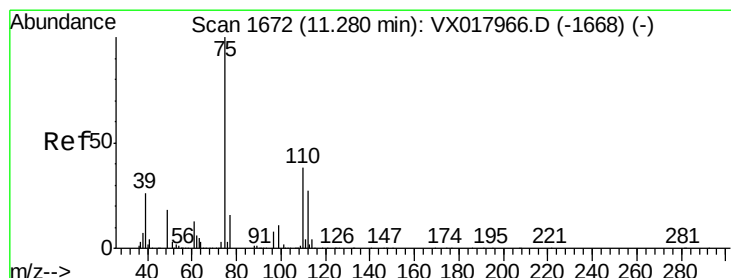
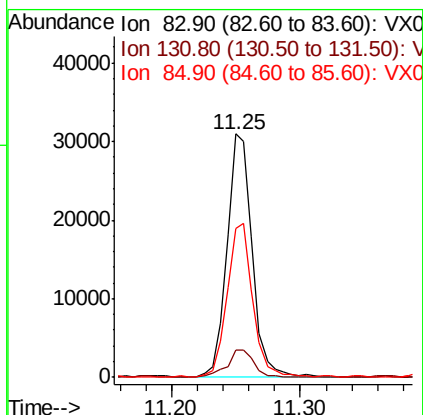
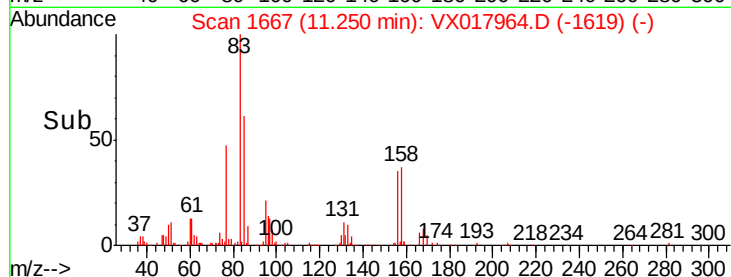
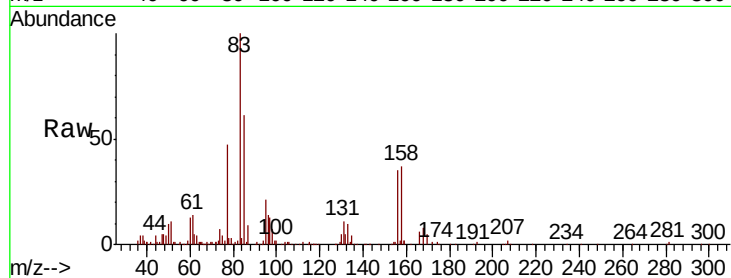
Tot Ion: 83 Resp: 42780

Ion	Ratio	Lower	Upper
83	100		
131	12.2	5.7	17.0
85	64.1	32.2	96.6

83 100

131 12.2 5.7 17.0

85 64.1 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 6.659 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX017964.D

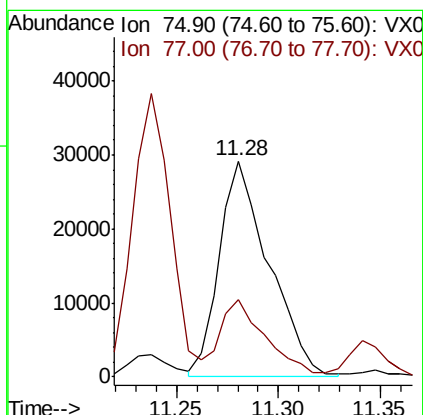
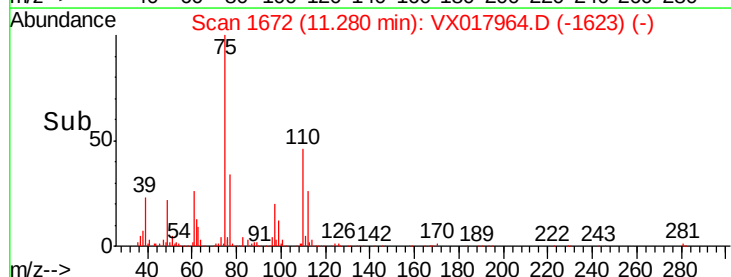
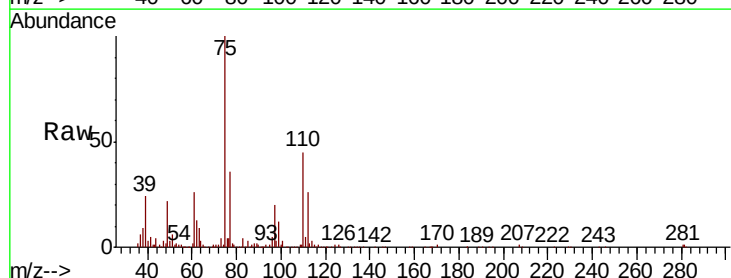
Acq: 18 Aug 2020 18:12

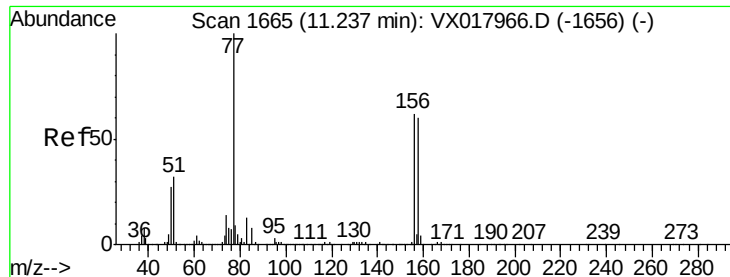
Tgt Ion: 75 Resp: 49393

Ion	Ratio	Lower	Upper
75	100		
77	32.7	21.1	63.1

75 100

77 32.7 21.1 63.1





#77

Bromobenzene

Concen: 4.723 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX017964.D

Acq: 18 Aug 2020 18:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

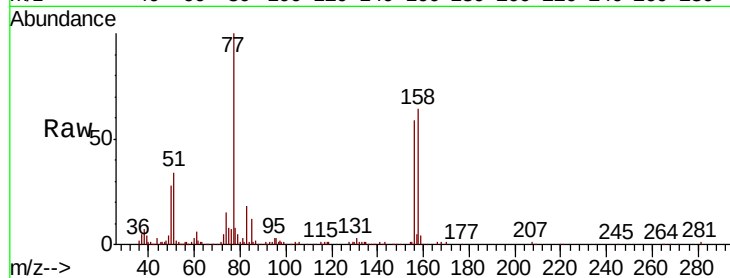
Tot Ion:156 Resp: 32450

Ion Ratio Lower Upper

156 100

77 153.2 78.0 234.0

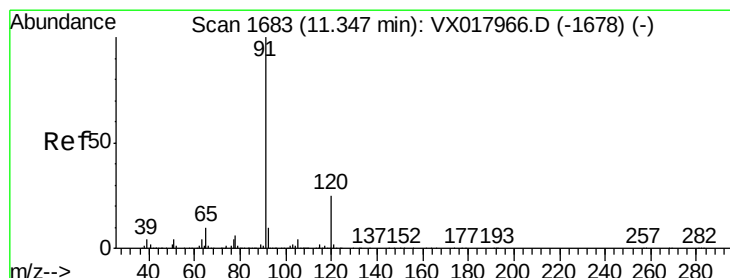
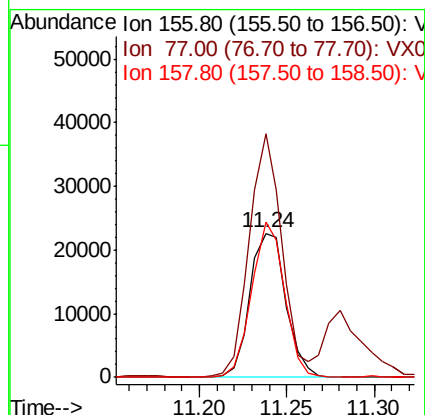
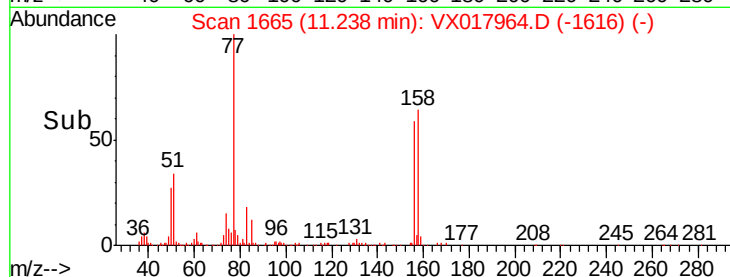
158 98.3 49.2 147.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 4.253 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VX017964.D

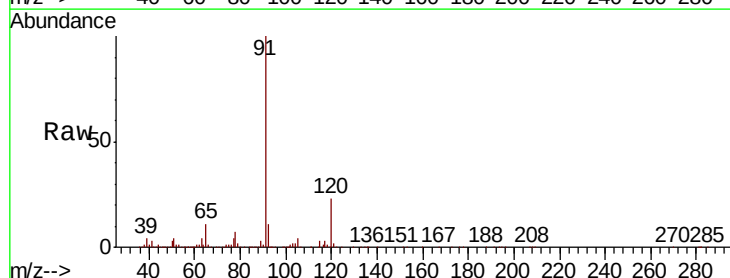
Acq: 18 Aug 2020 18:12

Tgt Ion: 91 Resp: 118357

Ion Ratio Lower Upper

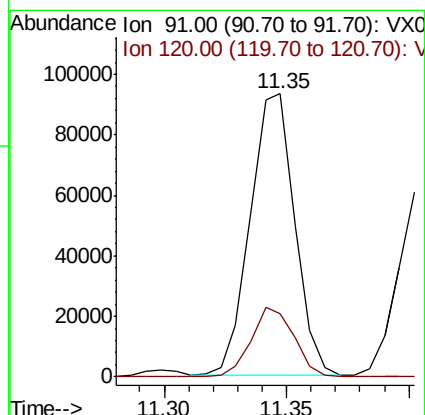
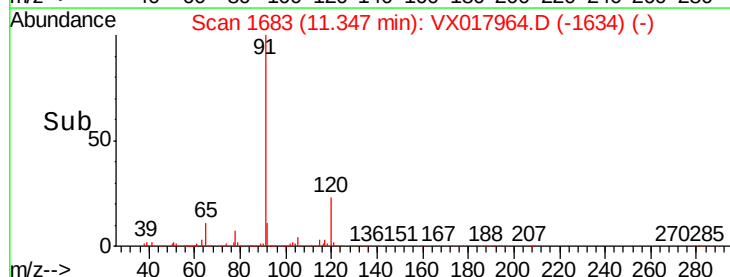
91 100

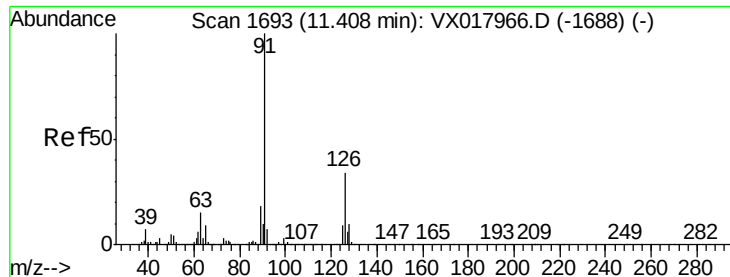
120 23.9 12.0 36.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

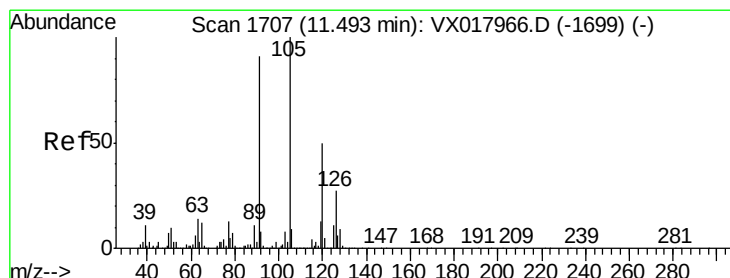
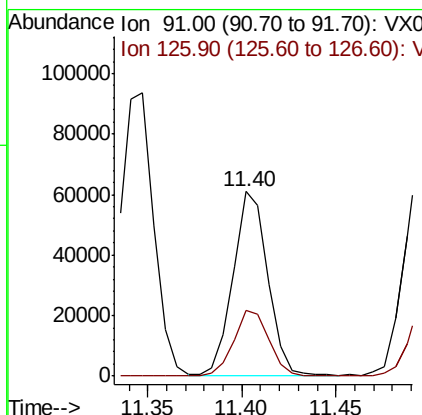
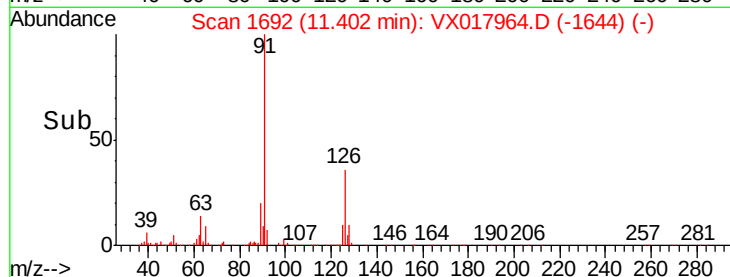
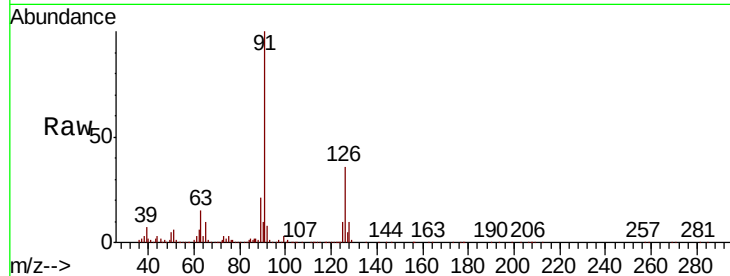




#79
2-Chlorotoluene
Concen: 4.474 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.01 min
Lab File: VX017964.D
Acq: 18 Aug 2020 18:12

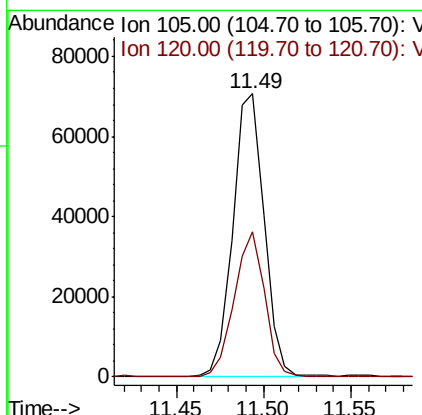
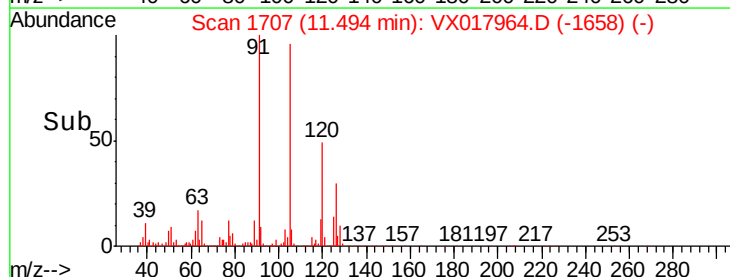
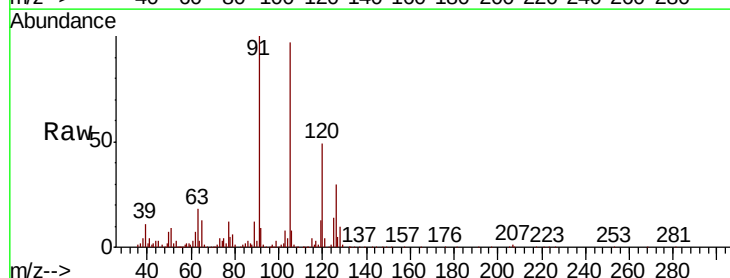
Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

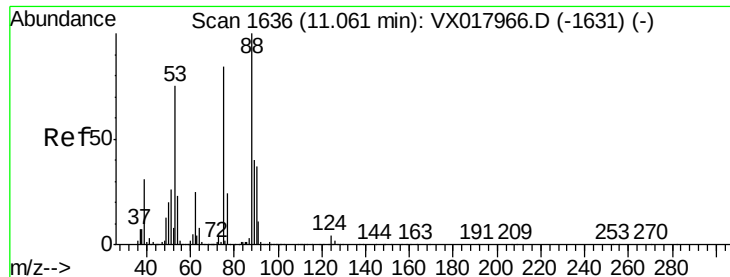
Tot Ion: 91 Resp: 77002
Ion Ratio Lower Upper
91 100
126 36.8 17.1 51.2



#80
1,3,5-Trimethylbenzene
Concen: 4.179 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX017964.D
Acq: 18 Aug 2020 18:12

Tgt Ion: 105 Resp: 87369
Ion Ratio Lower Upper
105 100
120 49.9 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 4.797 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX017964.D

Acq: 18 Aug 2020 18:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

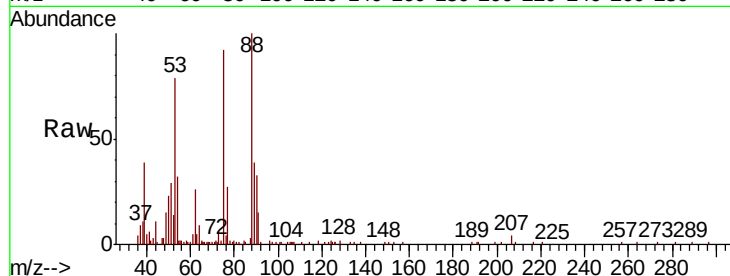
Tot Ion: 75 Resp: 14135

Ion Ratio Lower Upper

75 100

53 101.2 75.2 112.8

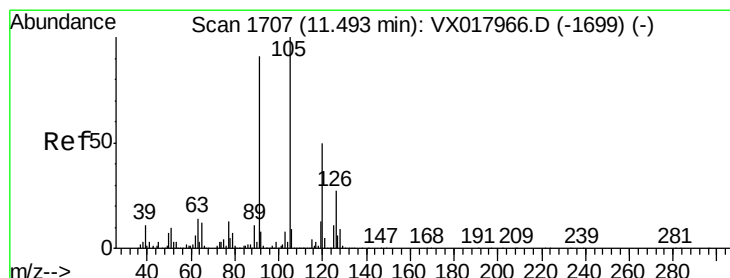
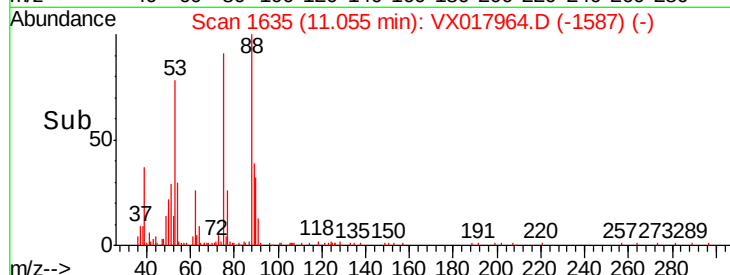
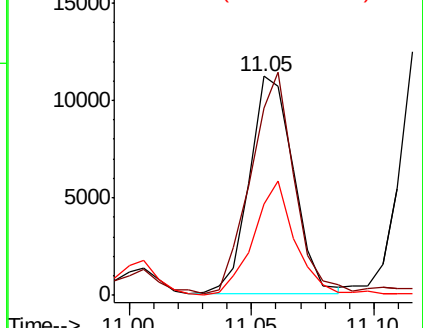
89 50.7 38.4 57.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 4.492 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX017964.D

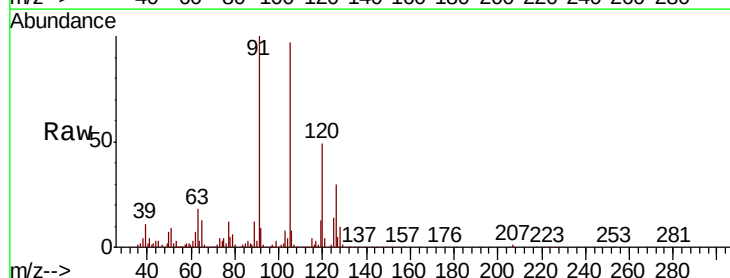
Acq: 18 Aug 2020 18:12

Tgt Ion: 91 Resp: 90554

Ion Ratio Lower Upper

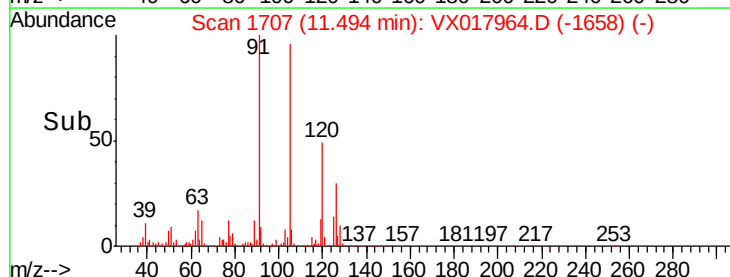
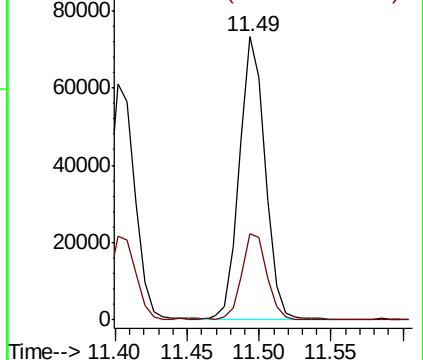
91 100

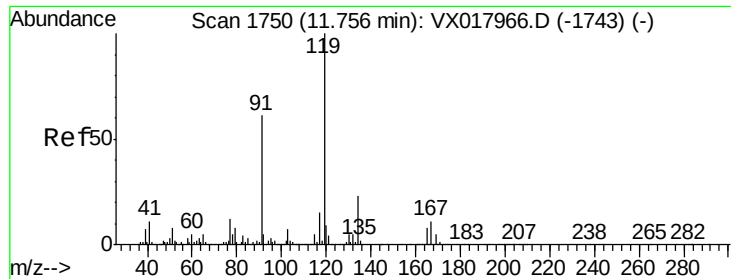
126 30.0 15.0 45.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

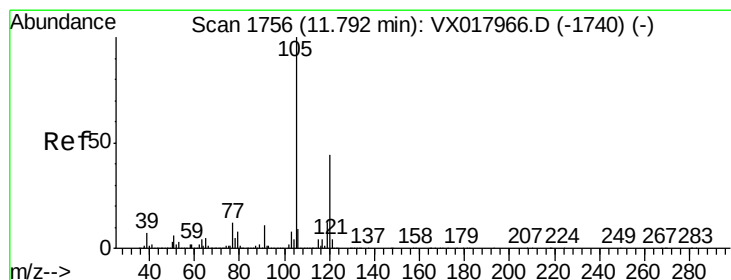
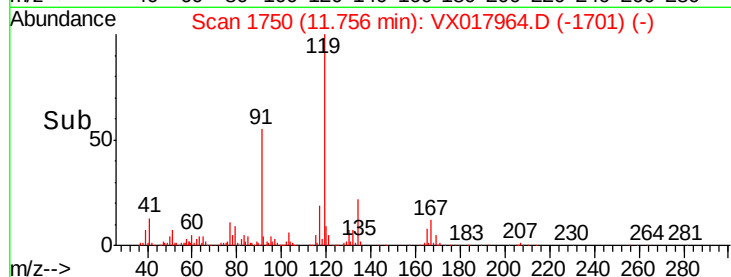
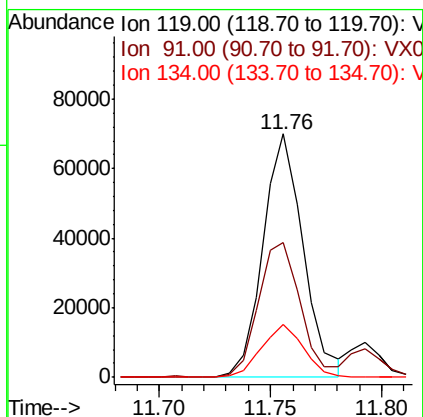
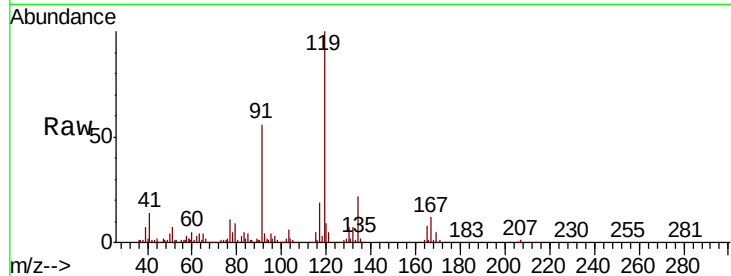




#83
tert-Butylbenzene
Concen: 4.416 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX017964.D
Acq: 18 Aug 2020 18:12

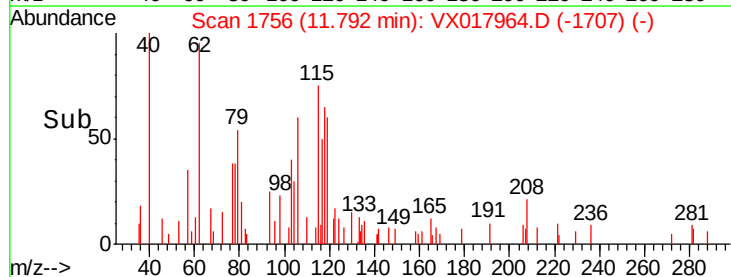
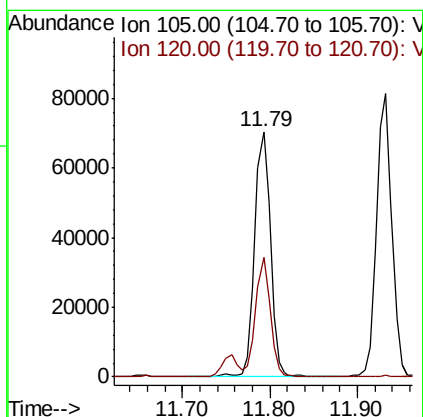
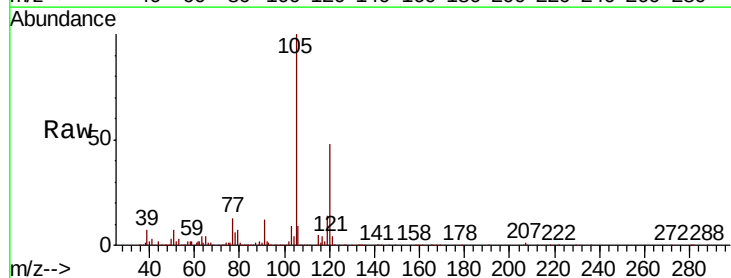
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

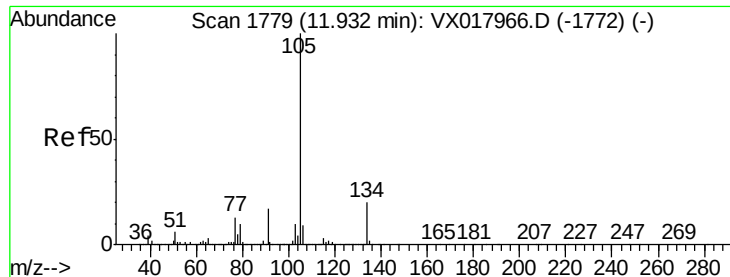
Tot Ion	Ratio	Lower	Upper
119	100		
91	57.2	30.1	90.5
134	22.6	11.1	33.1



#84
1,2,4-Trimethylbenzene
Concen: 4.170 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX017964.D
Acq: 18 Aug 2020 18:12

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.3	22.1	66.1





#85

sec-Butylbenzene

Concen: 4.227 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX017964.D

Acq: 18 Aug 2020 18:12

Instrument :

MSVOA_X

ClientSampleId :

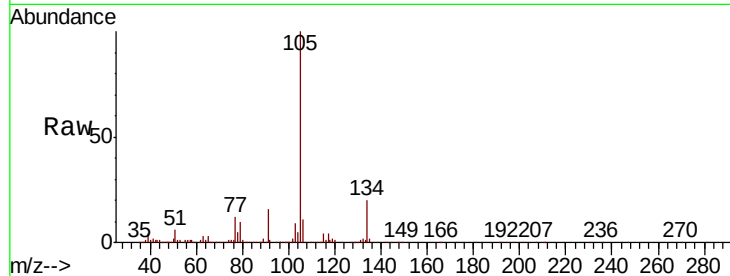
VSTDIC005

Tot Ion:105 Resp: 98881

Ion Ratio Lower Upper

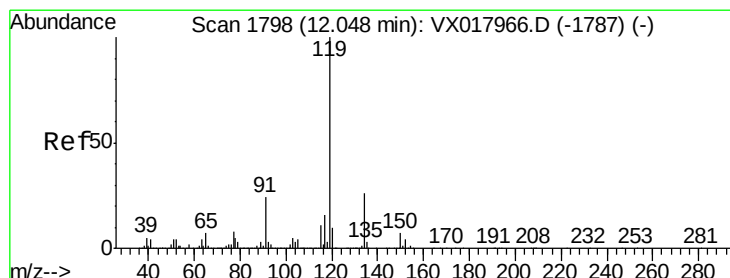
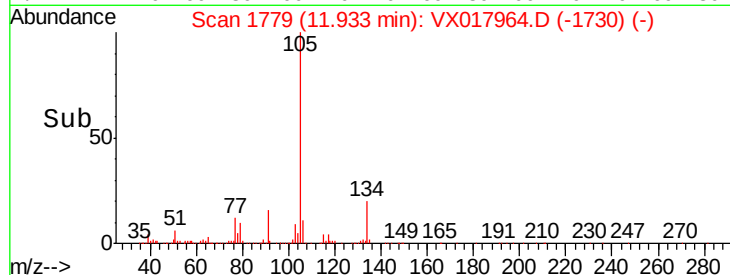
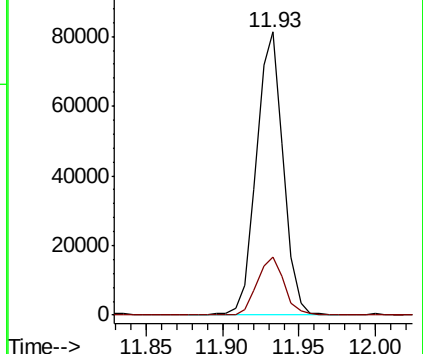
105 100

134 20.9 10.3 30.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 4.009 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX017964.D

Acq: 18 Aug 2020 18:12

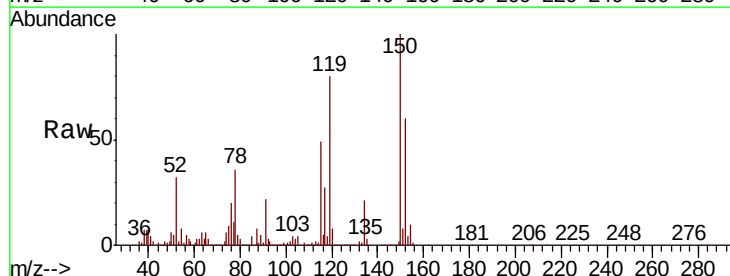
Tgt Ion:119 Resp: 89038

Ion Ratio Lower Upper

119 100

134 26.6 12.7 38.0

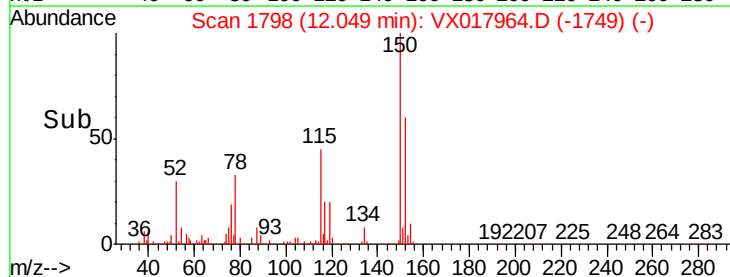
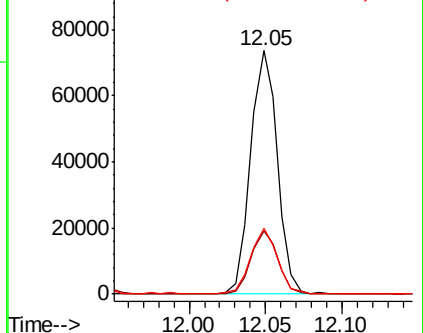
91 27.2 12.2 36.4

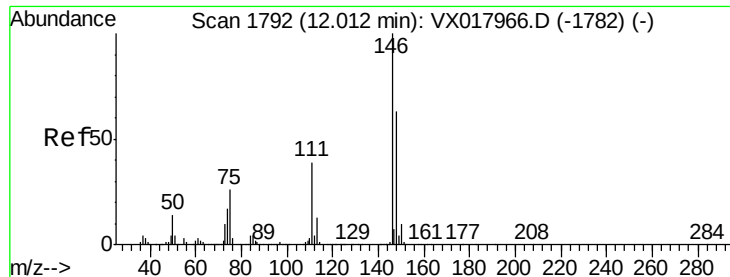


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

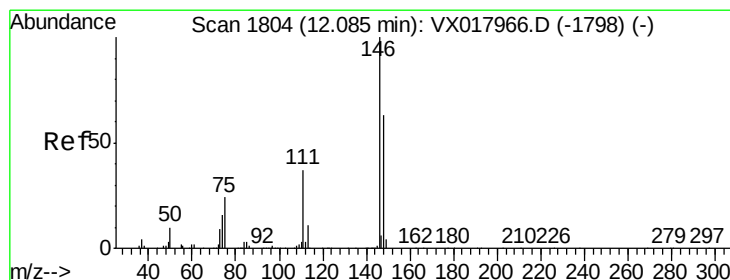
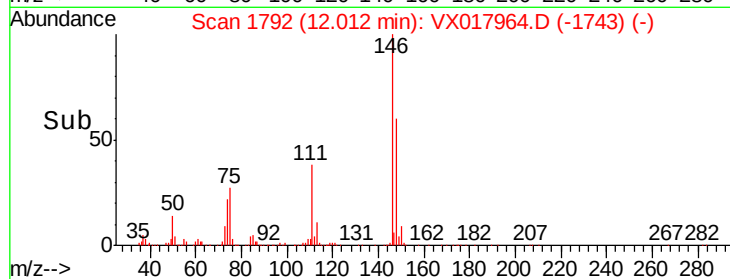
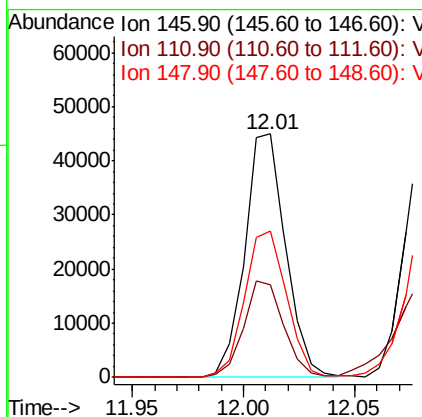
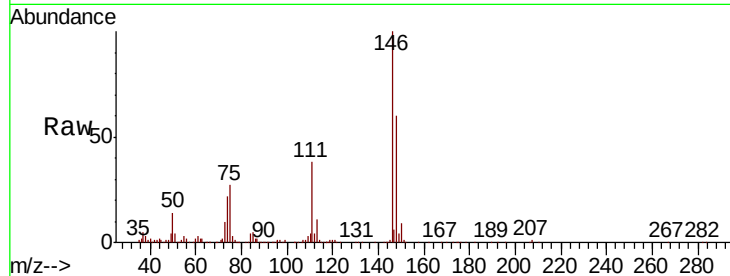




#87
 1,3-Dichlorobenzene
 Concen: 4.913 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX017964.D
 Acq: 18 Aug 2020 18:12

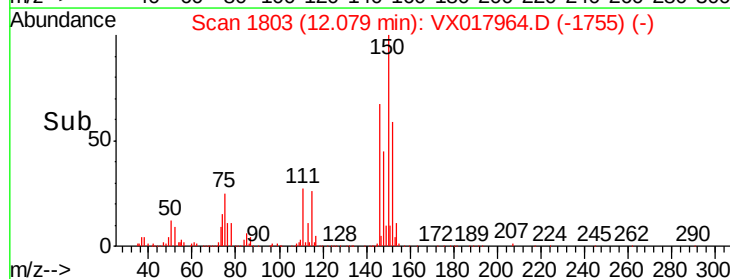
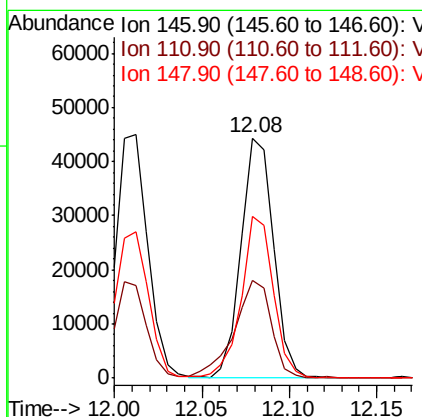
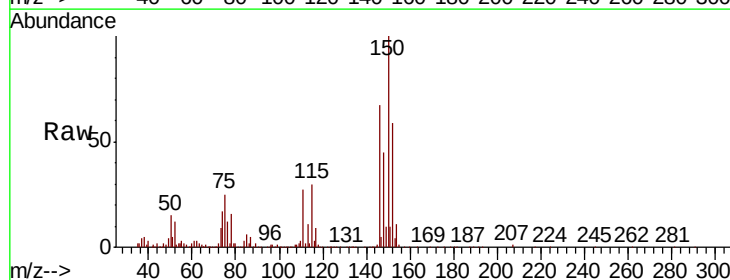
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

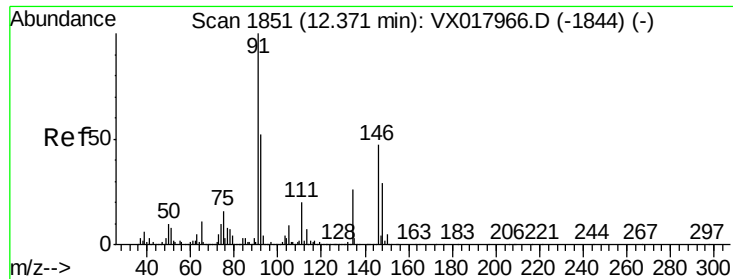
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	20.1	60.3
148	62.5	31.6	95.0



#88
 1,4-Dichlorobenzene
 Concen: 4.727 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: VX017964.D
 Acq: 18 Aug 2020 18:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.7	19.7	59.1
148	66.2	31.9	95.7

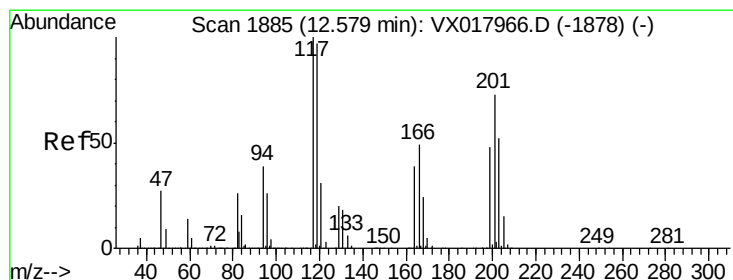
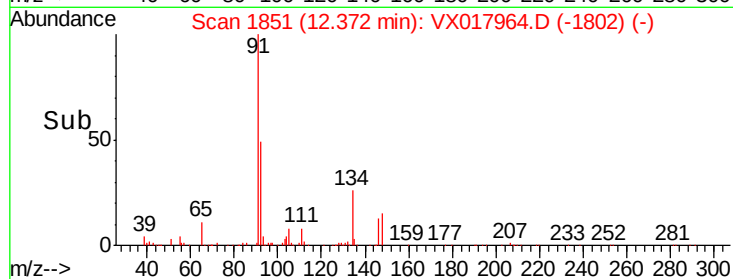
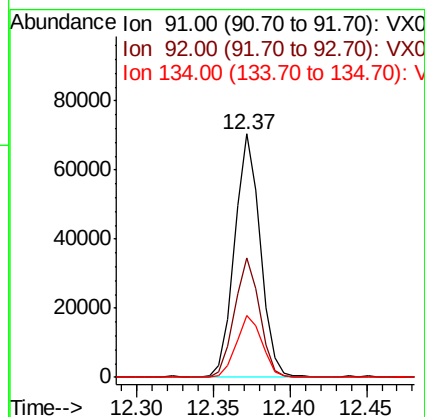
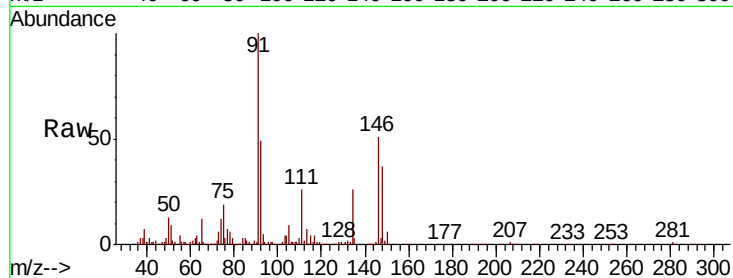




#89
n-Butylbenzene
Concen: 4.132 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX017964.D
Acq: 18 Aug 2020 18:12

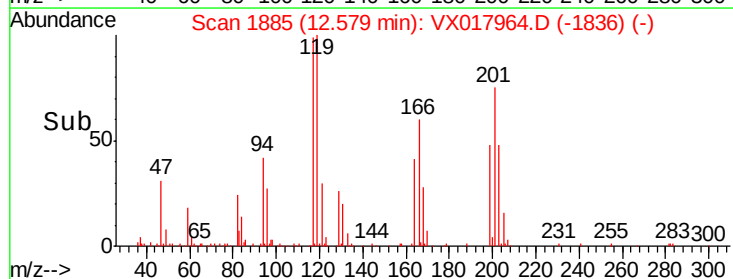
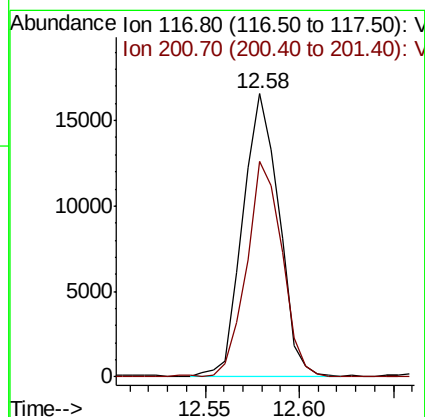
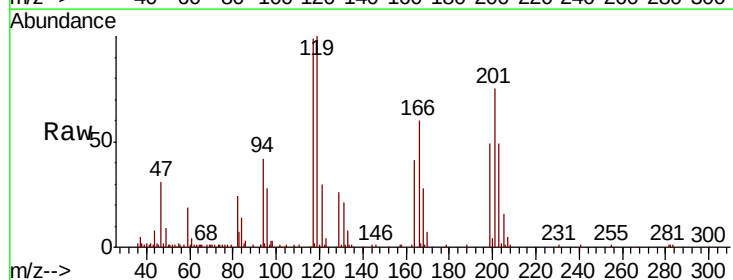
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

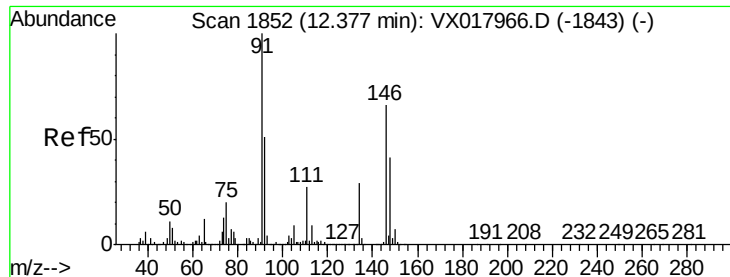
Tot Ion: 91 Resp: 81258
Ion Ratio Lower Upper
91 100
92 48.4 25.7 77.0
134 25.6 13.4 40.2



#90
Hexachloroethane
Concen: 5.037 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX017964.D
Acq: 18 Aug 2020 18:12

Tgt Ion: 117 Resp: 22166
Ion Ratio Lower Upper
117 100
201 74.6 40.8 122.2

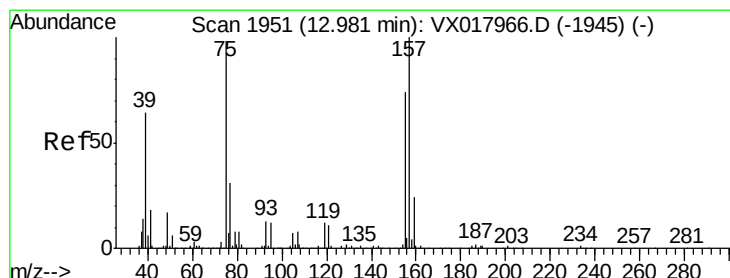
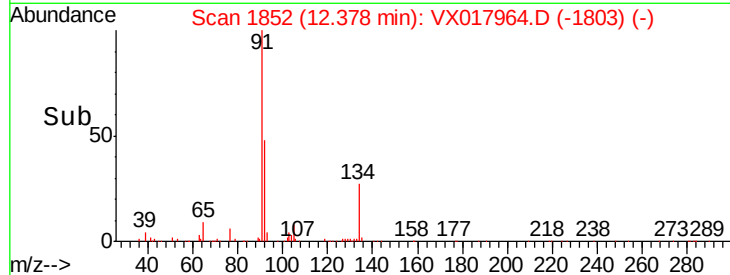
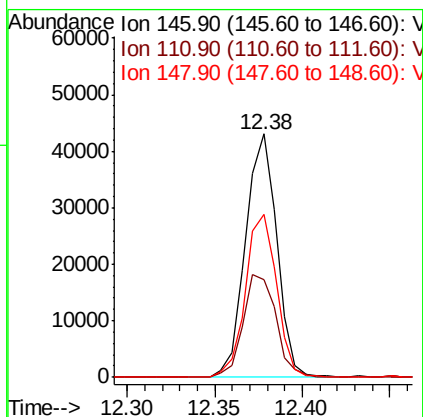
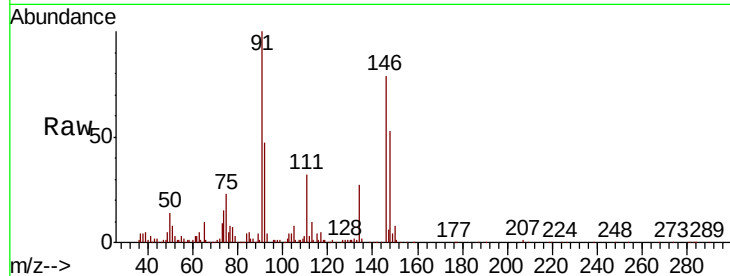




#91
 1,2-Dichlorobenzene
 Concen: 4.653 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX017964.D
 Acq: 18 Aug 2020 18:12

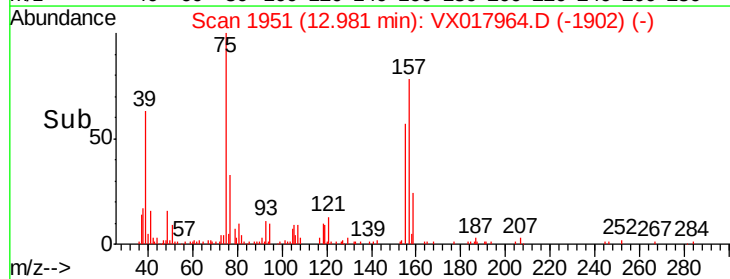
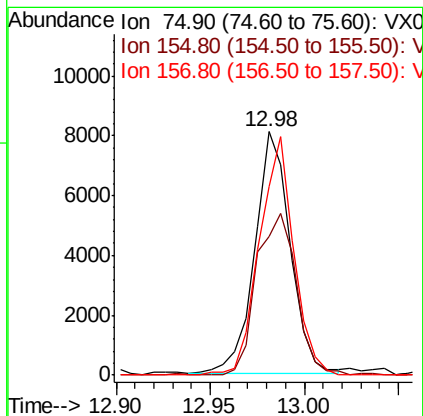
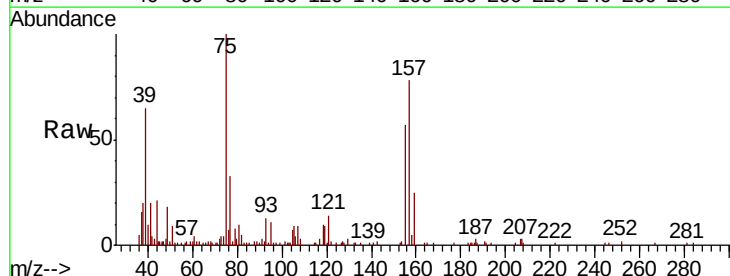
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

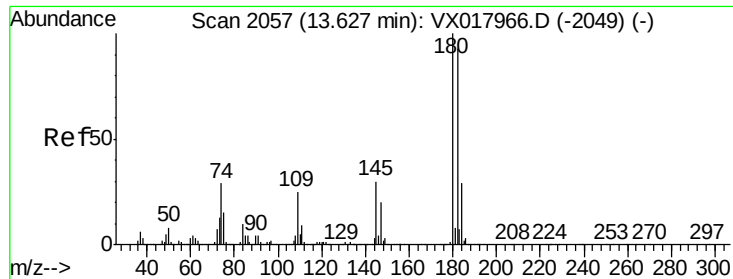
Tot Ion	Ratio	Lower	Upper
146	100		
111	44.5	20.6	61.9
148	67.0	31.2	93.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.940 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX017964.D
 Acq: 18 Aug 2020 18:12

Tgt Ion	Ratio	Lower	Upper
75	100		
155	75.7	40.5	121.5
157	95.3	54.4	163.2

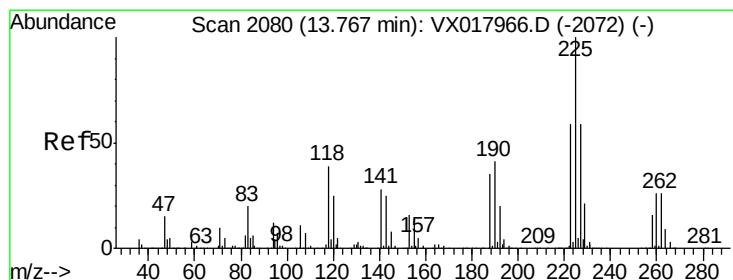
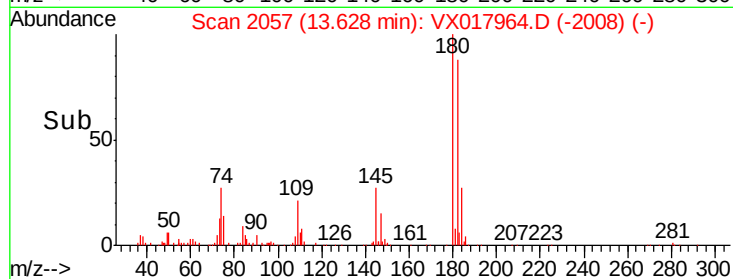
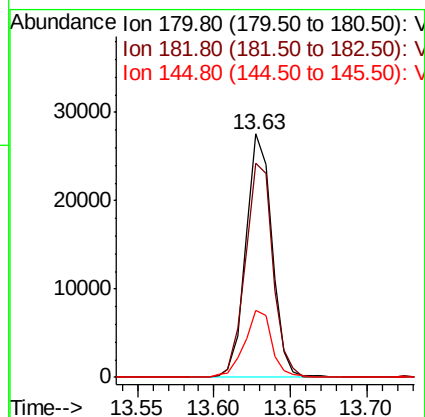
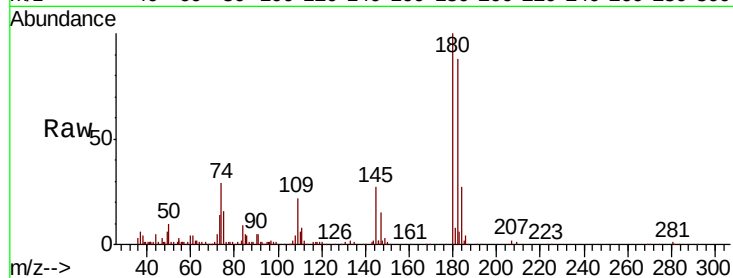




#93
 1,2,4-Trichlorobenzene
 Concen: 4.221 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX017964.D
 Acq: 18 Aug 2020 18:12

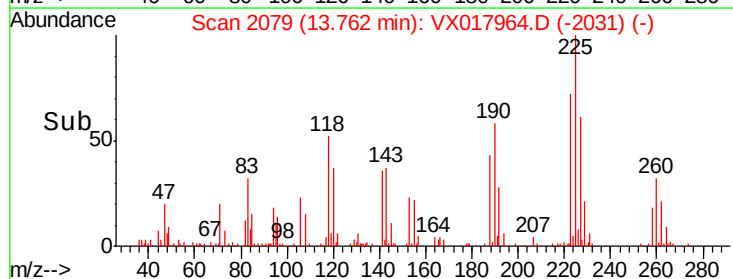
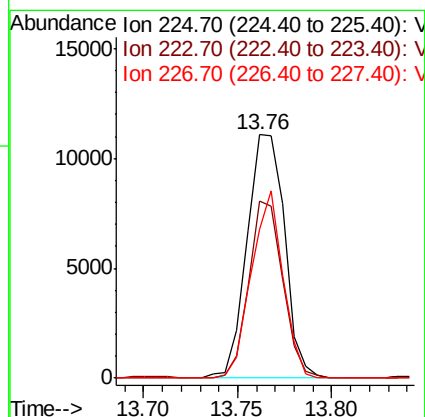
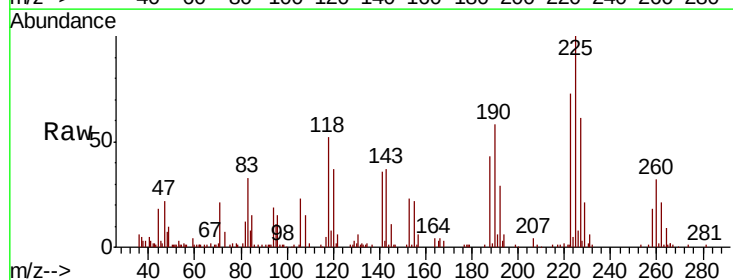
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

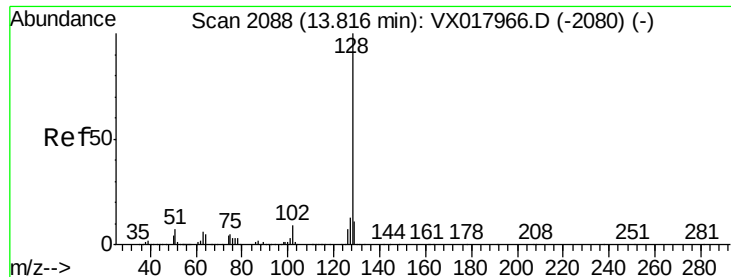
Tot Ion	Ratio	Lower	Upper
180	100		
182	92.5	48.8	146.4
145	28.7	16.0	48.0



#94
 Hexachlorobutadiene
 Concen: 4.300 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX017964.D
 Acq: 18 Aug 2020 18:12

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.0	32.1	96.3
227	64.3	29.8	89.5

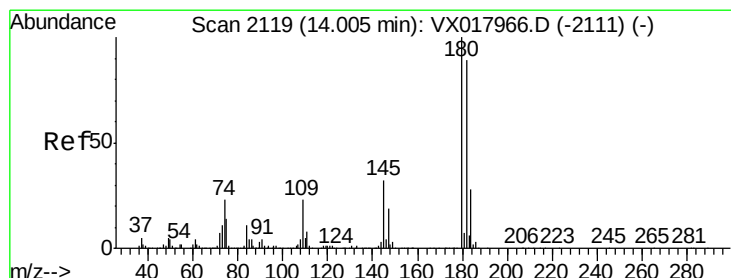
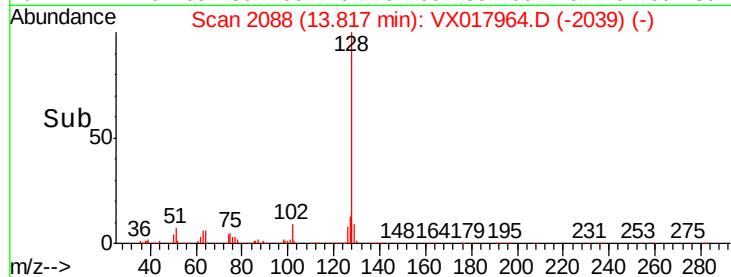
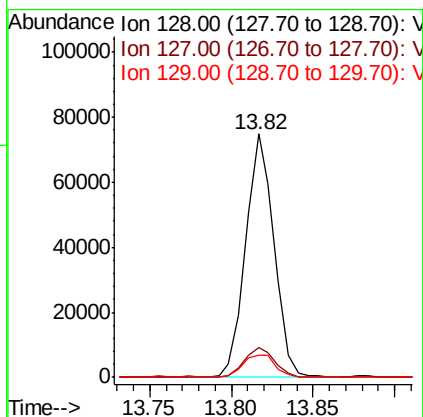
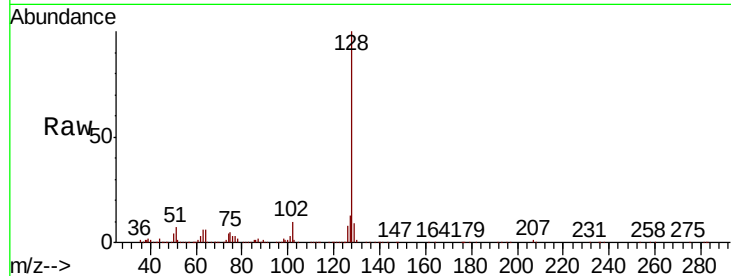




#95
Naphthalene
Concen: 3.904 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX017964.D
Acq: 18 Aug 2020 18:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:128 Resp: 90921
Ion Ratio Lower Upper
128 100
127 13.3 10.7 16.1
129 10.7 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 4.233 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.01 min
Lab File: VX017964.D
Acq: 18 Aug 2020 18:12

Tgt Ion:180 Resp: 32753
Ion Ratio Lower Upper
180 100
182 94.0 46.6 139.8
145 33.2 16.8 50.4

