

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070920\
 Data File : VX017322.D
 Acq On : 09 Jul 2020 20:44
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Quant Time: Jul 10 06:39:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X070920W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 09 12:25:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	50326	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	246146	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	240939	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	110448	30.54	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.80%
60) 4-Bromofluorobenzene	11.12	95	122262	29.74	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.13%
63) Toluene-d8	8.70	98	307835	30.20	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.67%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	30162	13.710	ug/l 98
3) Chloromethane	1.31	50	43306	18.478	ug/l 96
4) Vinyl Chloride	1.39	62	40359	16.712	ug/l 99
5) Bromomethane	1.64	94	34853	21.653	ug/l 94
6) Chloroethane	1.72	64	29114	18.232	ug/l 94
7) Trichlorofluoromethane	1.92	101	65466	15.261	ug/l 96
8) Diethyl Ether	2.17	74	29236	19.210	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	34100	14.537	ug/l 97
10) 1,1-Dichloroethene	2.36	96	40755	17.623	ug/l 94
11) Methyl Iodide	2.49	142	44366	16.292	ug/l 95
12) Methyl Acetate	2.75	43	68294	21.194	ug/l 99
13) Acrolein	2.28	56	36930	88.623	ug/l 97
14) Acrylonitrile	3.12	53	149641	102.923	ug/l 98
15) Acetone	2.42	58	39434	107.545	ug/l 98
16) Carbon Disulfide	2.55	76	108600	17.313	ug/l 100
17) Allyl chloride	2.71	41	76901	17.874	ug/l 95
18) Methylene Chloride	2.84	84	57334	20.128	ug/l 97
19) trans-1,2-Dichloroethene	3.14	96	49103	18.160	ug/l 92
20) Diisopropyl ether	3.82	45	168923	19.638	ug/l 97
21) 1,1-Dichloroethane	3.67	63	92401	19.165	ug/l 98
22) cis-1,2-Dichloroethene	4.56	96	58957	19.112	ug/l 99
23) tert-Butyl Alcohol	3.01	59	61976	103.305	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	172215	19.505	ug/l 99
25) Chloroform	5.18	83	97693	19.017	ug/l 96
26) Cyclohexane	5.54	56	53214	14.167	ug/l # 98
29) 1,1-Dichloropropene	5.77	75	61555	18.135	ug/l 98
30) 2-Butanone	4.64	43	205252	110.551	ug/l 98
31) 2,2-Dichloropropane	4.55	77	70669	16.618	ug/l 98
32) 1,1,1-Trichloroethane	5.46	97	83045	18.792	ug/l 98
33) Carbon Tetrachloride	5.76	117	70261	17.241	ug/l 97
34) Benzene	6.11	78	201617	19.962	ug/l 98
35) Methacrylonitrile	5.01	41	42981	20.677	ug/l 92
36) 1,2-Dichloroethane	6.16	62	82993	20.865	ug/l 100
37) Trichloroethene	7.19	130	58915	19.394	ug/l 99
38) Methylcyclohexane	7.44	83	49022	13.705	ug/l 99
39) 1,2-Dichloropropane	7.49	63	51879	19.657	ug/l 96
40) Dibromomethane	7.64	93	39162	20.598	ug/l 99

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 09 12:25:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.87	83	81054	20.427	ug/l	96
42) Vinyl Acetate	3.79	43	740490	104.365	ug/l	100
43) Ethyl Acetate	4.79	43	78000	21.358	ug/l	99
44) Isopropyl Acetate	6.42	43	126850	20.877	ug/l	99
45) 1,4-Dioxane	7.71	88	24577	424.340	ug/l	98
46) Methyl methacrylate	7.75	41	61534	20.789	ug/l	97
47) n-amyl Acetate	10.88	43	107150	19.915	ug/l	99
48) t-1,3-Dichloropropene	9.02	75	85864	19.601	ug/l	100
49) cis-1,3-Dichloropropene	8.42	75	91182	19.892	ug/l	98
50) 1,1,2-Trichloroethane	9.20	97	57373	20.369	ug/l	98
51) Ethyl methacrylate	9.16	69	80900	19.713	ug/l	97
52) 1,3-Dichloropropane	9.35	76	93480	20.374	ug/l	99
53) Dibromochloromethane	9.57	129	67319	19.579	ug/l	95
54) 1,2-Dibromoethane	9.65	107	62688	20.815	ug/l	97
55) 2-Chloroethyl vinyl ether	8.29	63	238261	118.213	ug/l	99
56) Bromoform	10.84	173	52700	19.648	ug/l	97
58) 4-Methyl-2-Pentanone	8.62	43	405346	106.175	ug/l	100
59) 2-Hexanone	9.47	43	302660	103.997	ug/l	98
61) Tetrachloroethene	9.32	164	56660	18.460	ug/l	93
62) Toluene	8.77	91	219907	19.280	ug/l	98
64) Chlorobenzene	10.12	112	145636	19.137	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.20	131	59531	19.146	ug/l	100
66) Ethyl Benzene	10.23	91	236695	18.440	ug/l	98
67) m/p-Xylenes	10.34	106	183451	36.995	ug/l	99
68) o-Xylene	10.68	106	86906	18.443	ug/l	98
69) Styrene	10.70	104	156169	18.687	ug/l	99
70) Isopropylbenzene	11.00	105	229266	17.736	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.25	83	83071	20.492	ug/l	98
72) 1,2,3-Trichloropropane	11.28	75	103941	26.102	ug/l	92
73) Bromobenzene	11.24	156	70995	19.549	ug/l	97
74) n-propylbenzene	11.34	91	257307	17.183	ug/l	100
75) 2-Chlorotoluene	11.40	91	170058	18.629	ug/l	100
76) 1,3,5-Trimethylbenzene	11.49	105	198096	17.863	ug/l	100
77) t-1,4-Dichloro-2-butene	11.06	75	28054	18.476	ug/l	92
78) 4-Chlorotoluene	11.49	91	200439	18.522	ug/l	99
79) tert-butylbenzene	11.76	119	187970	17.467	ug/l	99
80) 1,2,4-Trimethylbenzene	11.79	105	206299	18.439	ug/l	99
81) sec-Butylbenzene	11.93	105	203077	16.372	ug/l	99
82) p-Isopropyltoluene	12.05	119	196146	16.723	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	123711	18.928	ug/l	99
84) 1,4-Dichlorobenzene	12.08	146	125668	19.002	ug/l	97
85) n-Butylbenzene	12.37	91	162291	16.376	ug/l	99
86) Hexachloroethane	12.58	117	39324	17.331	ug/l	99
87) 1,2-Dichlorobenzene	12.38	146	119121	19.060	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	19952	20.314	ug/l	98
89) 1,2,4-Trichlorobenzene	13.63	180	79204	18.685	ug/l	98
90) Hexachlorobutadiene	13.76	225	27325	16.070	ug/l	96
91) Naphthalene	13.82	128	260860	20.073	ug/l	99
92) 1,2,3-Trichlorobenzene	14.00	180	80385	19.067	ug/l	98

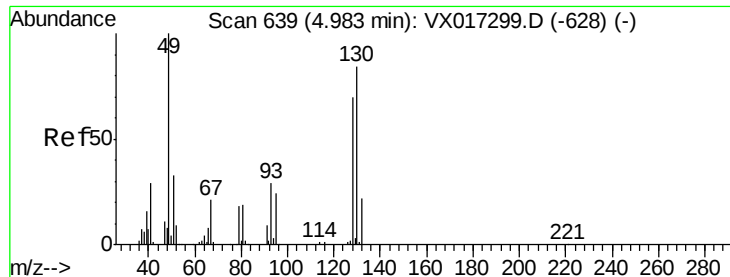
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 639

Delta R.T. -0.00 min

Lab File: VX017322.D

Acq: 09 Jul 2020 20:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

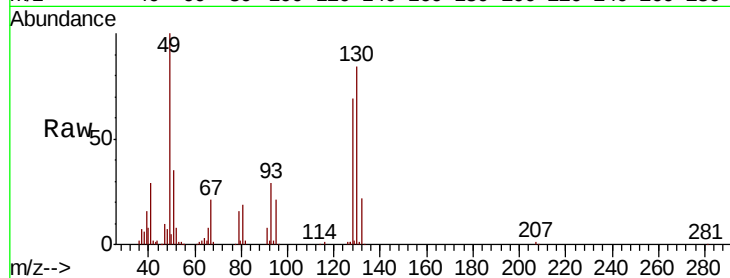
Tot Ion:128 Resp: 50326

Ion Ratio Lower Upper

128 100

49 149.0 0.0 358.8

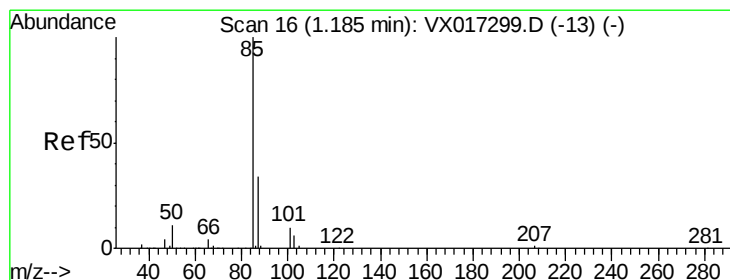
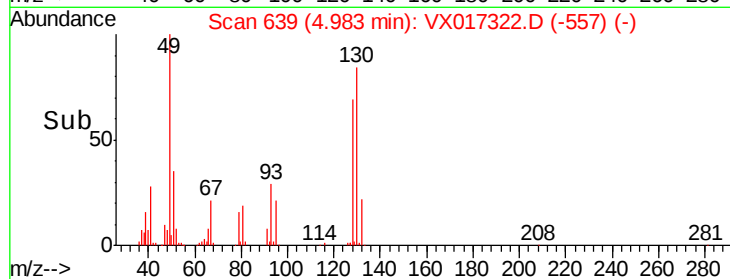
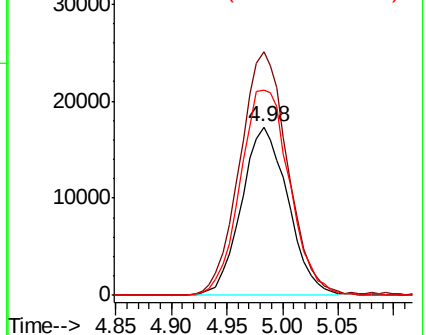
130 130.1 0.0 323.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 13.710 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017322.D

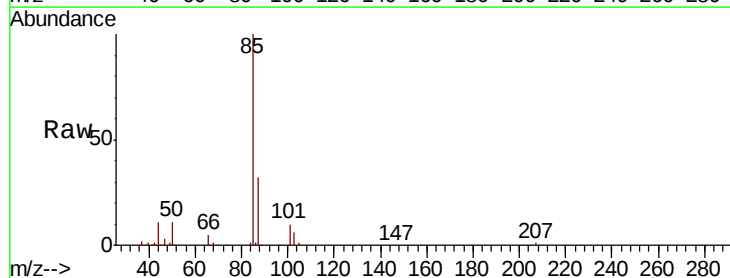
Acq: 09 Jul 2020 20:44

Tgt Ion: 85 Resp: 30162

Ion Ratio Lower Upper

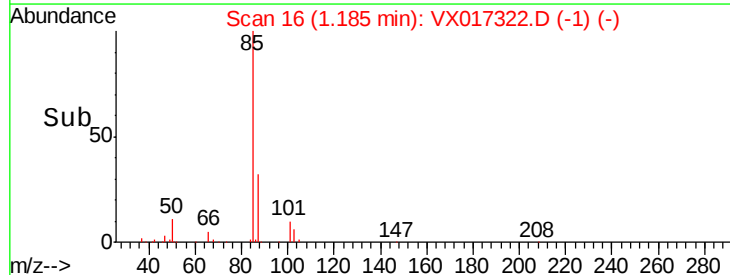
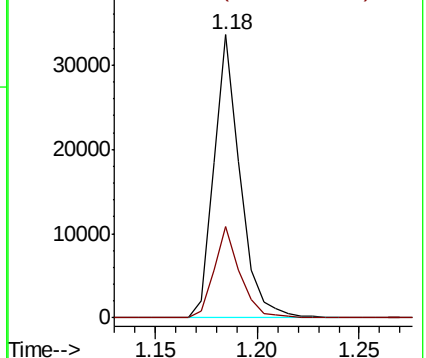
85 100

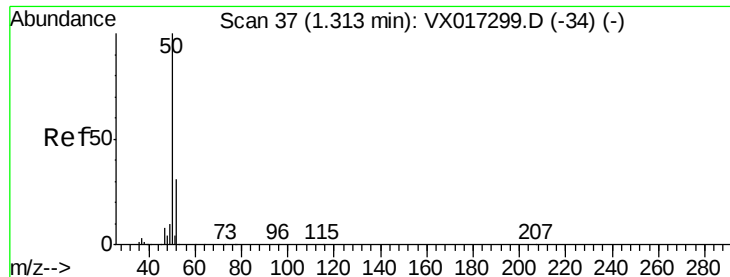
87 32.4 16.9 50.6



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

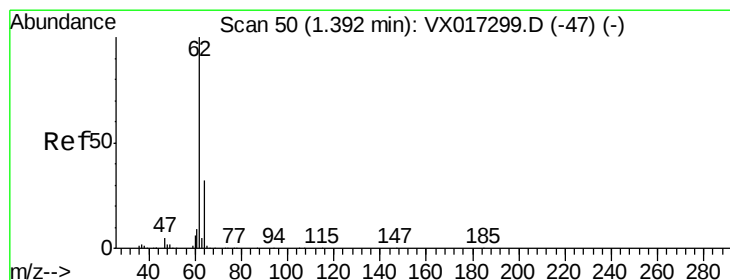
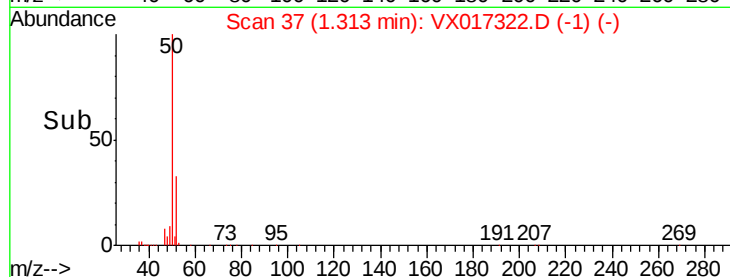
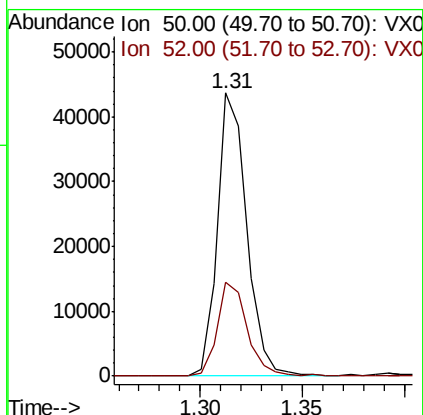
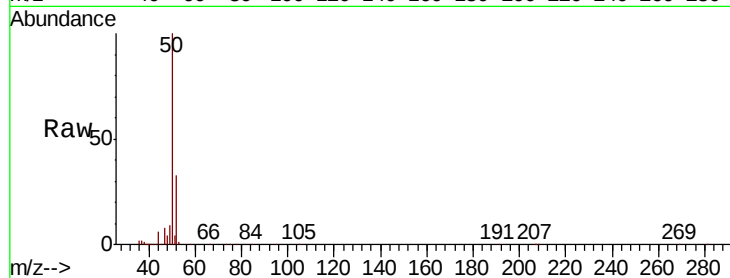




#3
Chloromethane
Concen: 18.478 ug/l
RT: 1.31 min Scan# 37
Delta R.T. -0.00 min
Lab File: VX017322.D
Acq: 09 Jul 2020 20:44

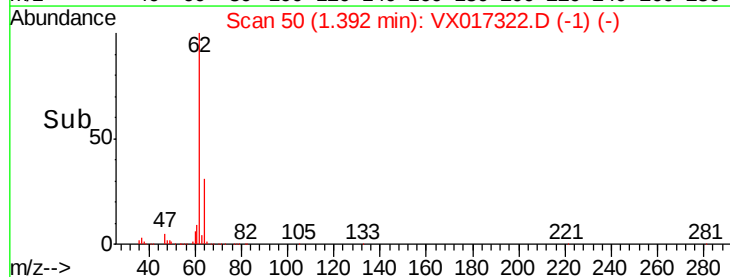
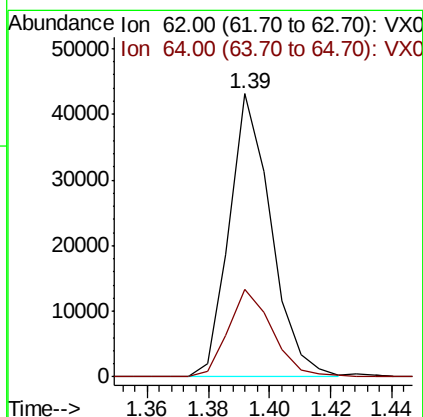
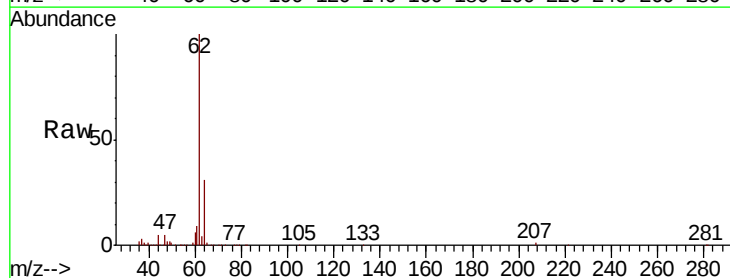
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

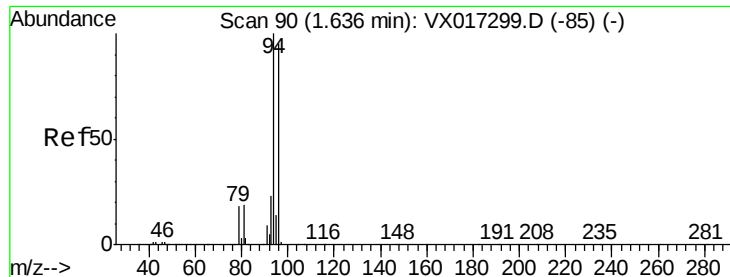
Tot Ion: 50 Resp: 43306
Ion Ratio Lower Upper
50 100
52 33.1 24.8 37.2



#4
Vinyl Chloride
Concen: 16.712 ug/l
RT: 1.39 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX017322.D
Acq: 09 Jul 2020 20:44

Tgt Ion: 62 Resp: 40359
Ion Ratio Lower Upper
62 100
64 31.0 25.3 37.9





#5

Bromomethane

Concen: 21.653 ug/l

RT: 1.64 min Scan# 90

Delta R.T. -0.00 min

Lab File: VX017322.D

Acq: 09 Jul 2020 20:44

Instrument :

MSVOA_X

ClientSampleId :

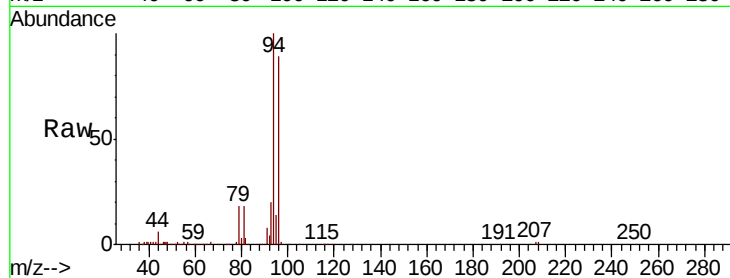
VSTDCCC020EC

Tot Ion: 94 Resp: 34853

Ion Ratio Lower Upper

94 100

96 89.3 75.7 113.5



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0

1.64

25000

20000

15000

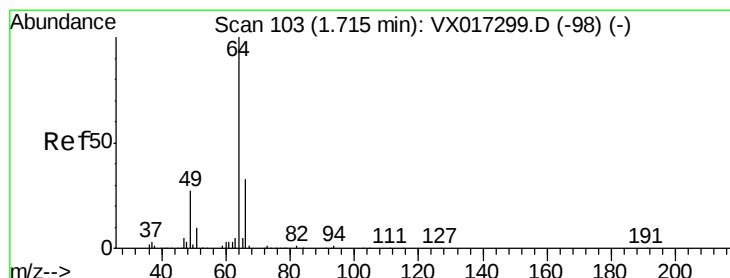
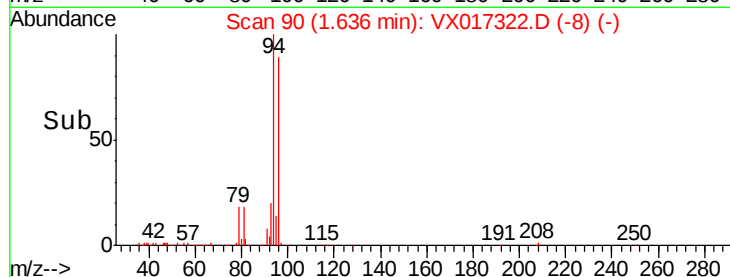
10000

5000

0

Time-->

1.60 1.65 1.70



#6

Chloroethane

Concen: 18.232 ug/l

RT: 1.72 min Scan# 103

Delta R.T. -0.00 min

Lab File: VX017322.D

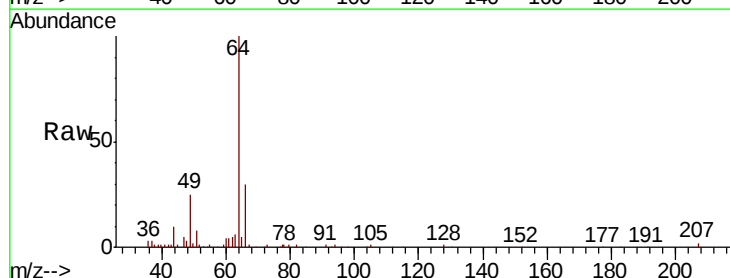
Acq: 09 Jul 2020 20:44

Tgt Ion: 64 Resp: 29114

Ion Ratio Lower Upper

64 100

66 29.2 26.1 39.1



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0

1.72

25000

20000

15000

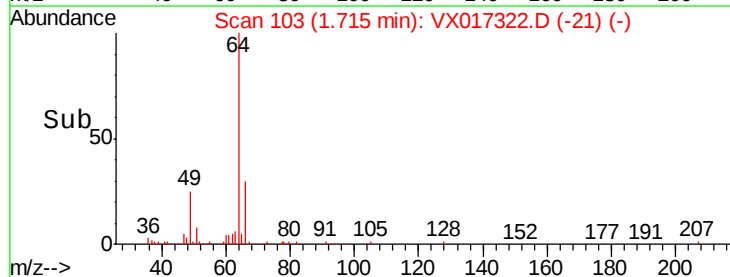
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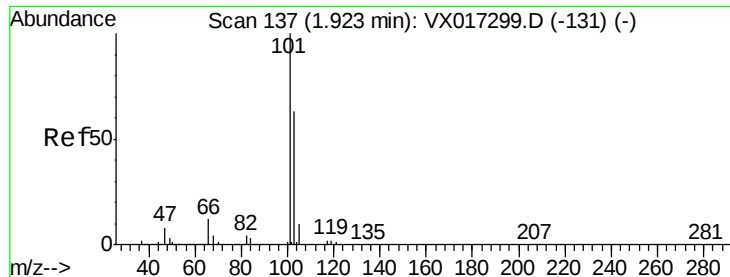
5000

0

Time-->

1.65 1.70 1.75



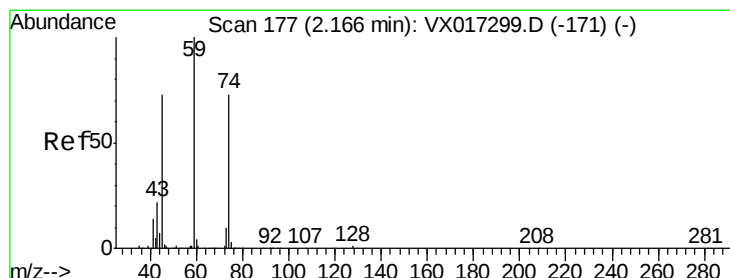
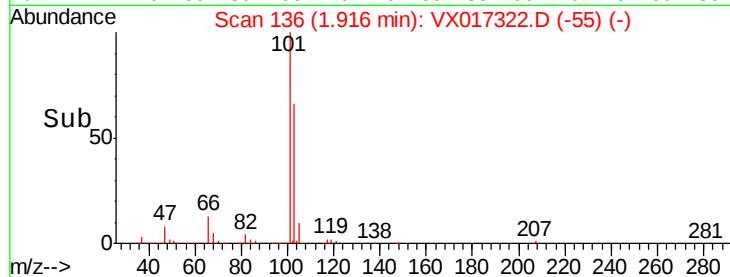
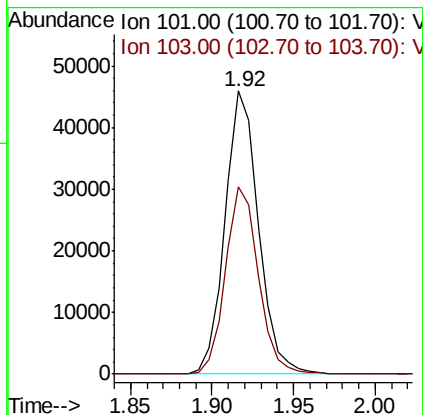
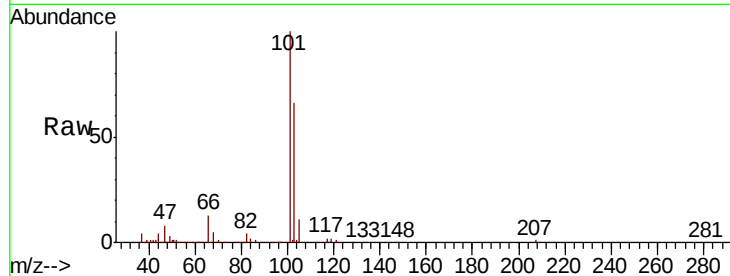


#7

Trichlorofluoromethane
Concen: 15.261 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.01 min
Lab File: VX017322.D
Acq: 09 Jul 2020 20:44

Instrument :
MSVOA_X
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VSTDCCC020EC

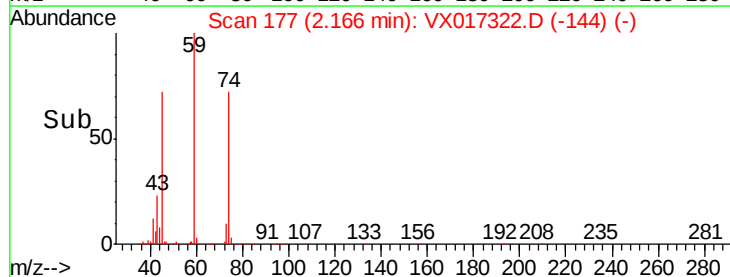
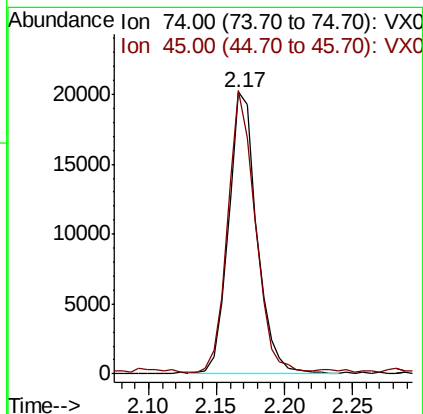
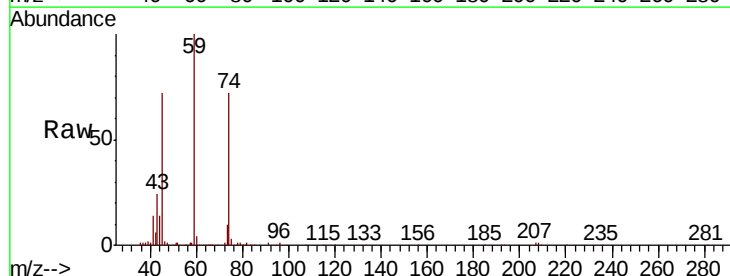
Tot Ion:101 Resp: 65466
Ion Ratio Lower Upper
101 100
103 65.8 50.1 75.1

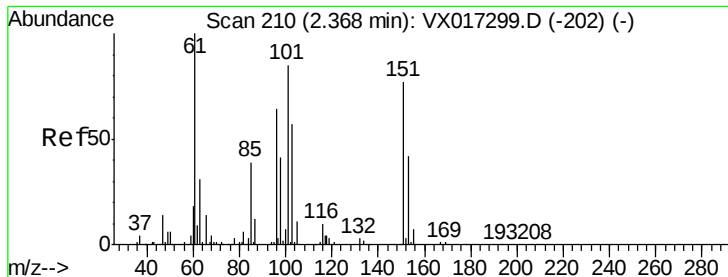


#8

Diethyl Ether
Concen: 19.210 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX017322.D
Acq: 09 Jul 2020 20:44

Tgt Ion: 74 Resp: 29236
Ion Ratio Lower Upper
74 100
45 96.9 18.9 170.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 14.537 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX017322.D

Acq: 09 Jul 2020 20:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

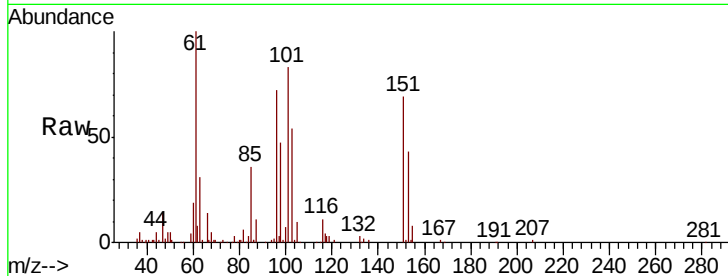
Tot Ion:101 Resp: 34100

Ion Ratio Lower Upper

101 100

85 44.9 0.0 87.8

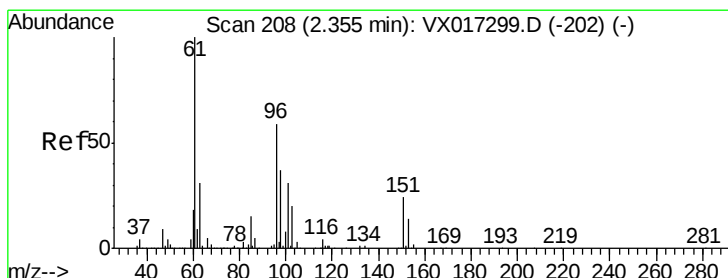
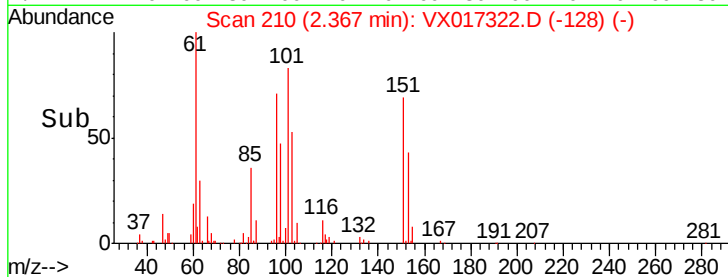
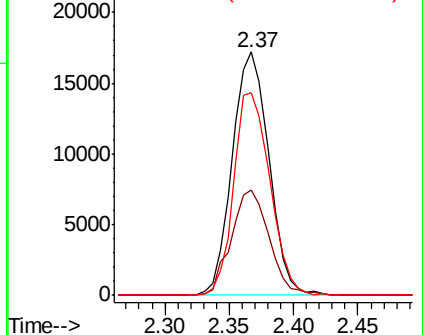
151 82.1 0.0 170.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 17.623 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX017322.D

Acq: 09 Jul 2020 20:44

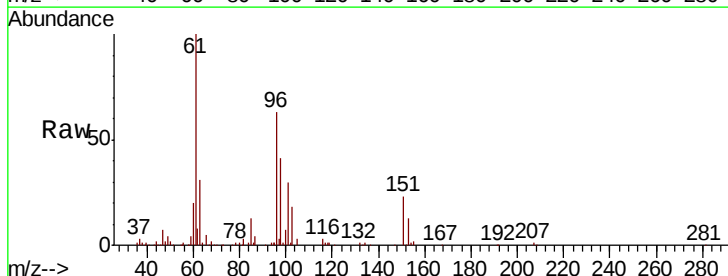
Tgt Ion: 96 Resp: 40755

Ion Ratio Lower Upper

96 100

61 159.5 137.0 205.4

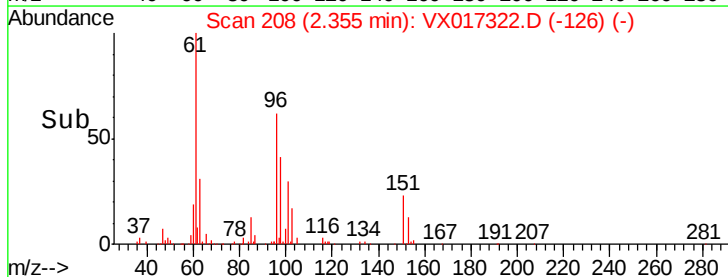
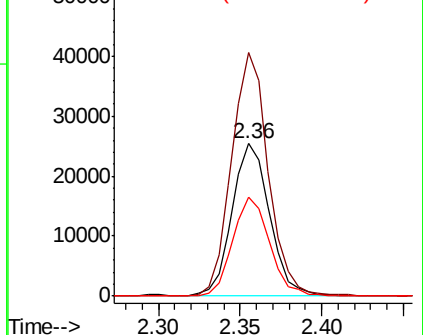
98 64.8 51.1 76.7

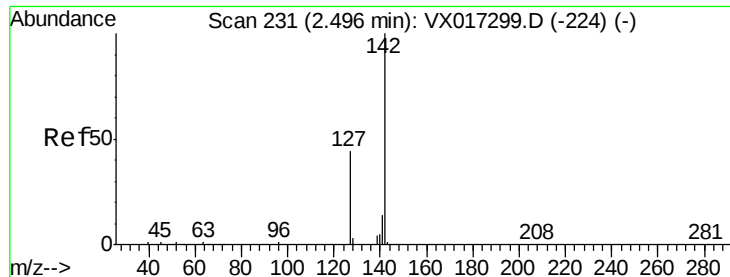


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

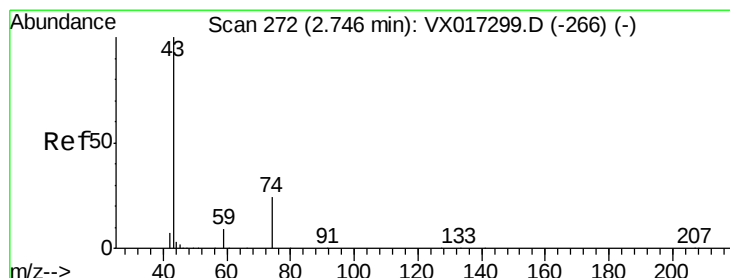
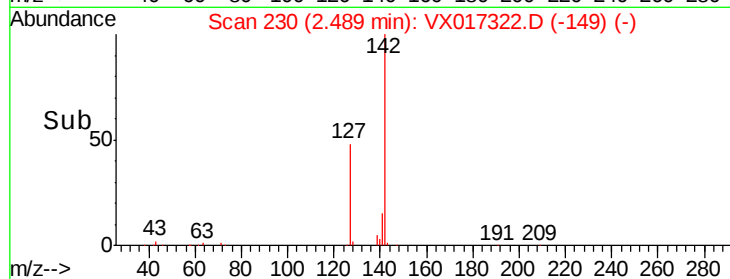
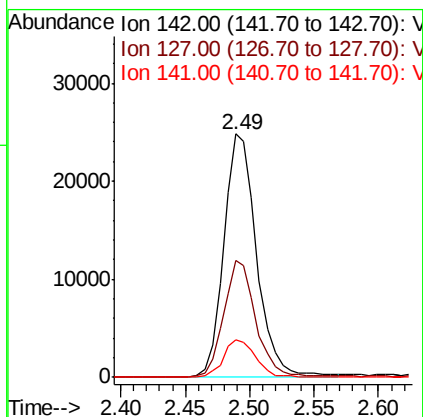
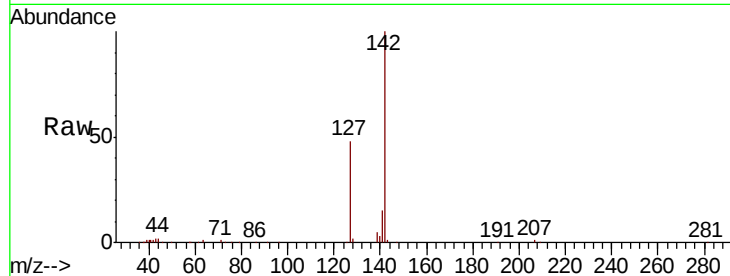




#11
Methvl Iodide
Concen: 16.292 ug/l
RT: 2.49 min Scan# 230
Delta R.T. -0.01 min
Lab File: VX017322.D
Acq: 09 Jul 2020 20:44

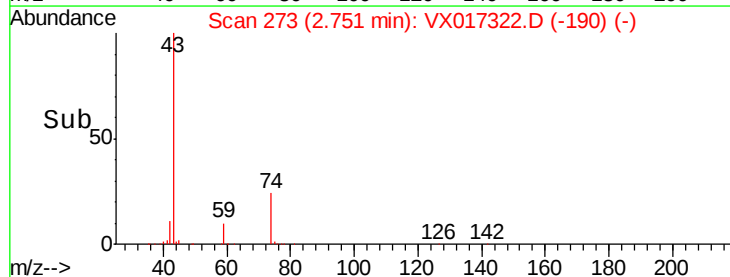
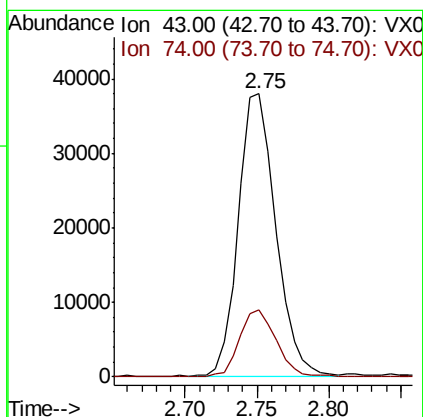
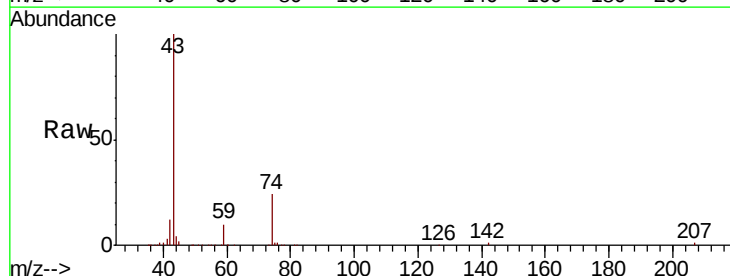
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

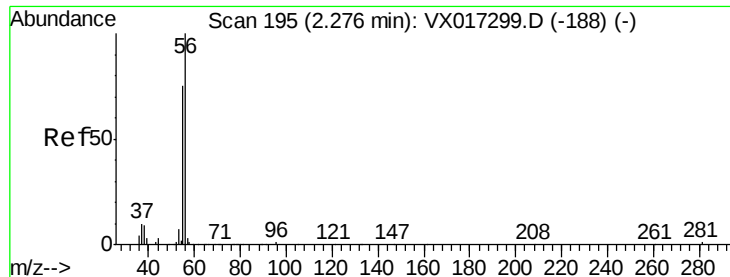
Tot Ion:142 Resp: 44366
Ion Ratio Lower Upper
142 100
127 47.9 21.9 65.7
141 15.1 7.0 21.1



#12
Methyl Acetate
Concen: 21.194 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX017322.D
Acq: 09 Jul 2020 20:44

Tgt Ion: 43 Resp: 68294
Ion Ratio Lower Upper
43 100
74 23.8 18.8 28.2





#13

Acrolein

Concen: 88.623 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX017322.D

Acq: 09 Jul 2020 20:44

Instrument :

MSVOA_X

ClientSampleId :

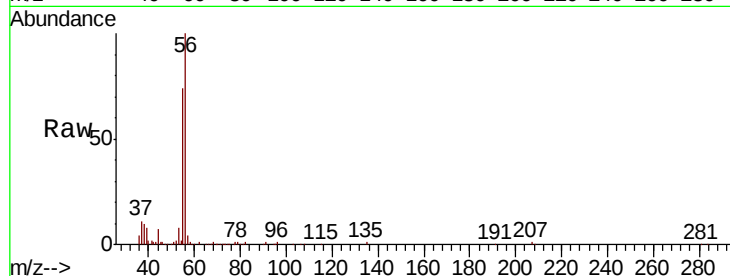
VSTDCCC020EC

Tot Ion: 56 Resp: 36930

Ion Ratio Lower Upper

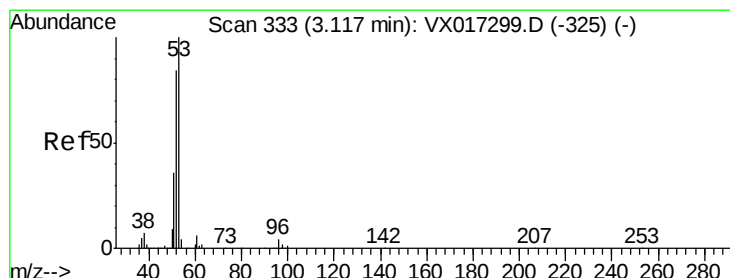
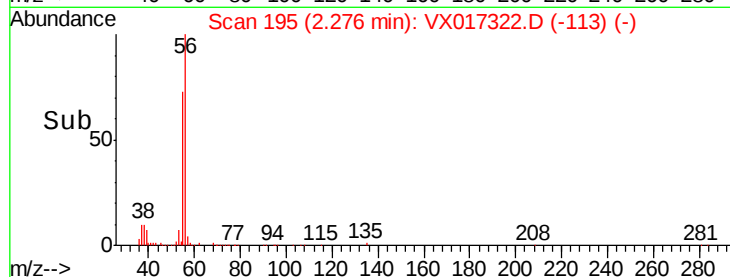
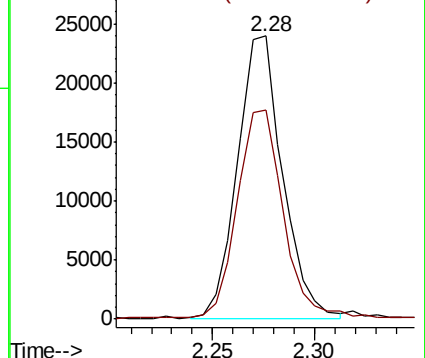
56 100

55 75.7 58.5 87.7



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Acrylonitrile

Concen: 102.923 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017322.D

Acq: 09 Jul 2020 20:44

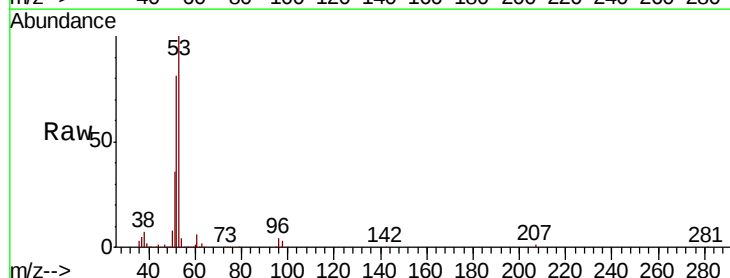
Tgt Ion: 53 Resp: 149641

Ion Ratio Lower Upper

53 100

52 80.8 41.3 123.9

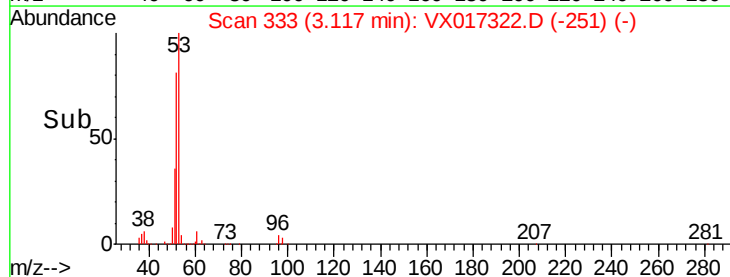
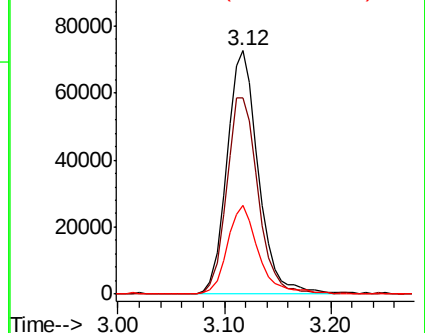
51 34.9 18.1 54.1

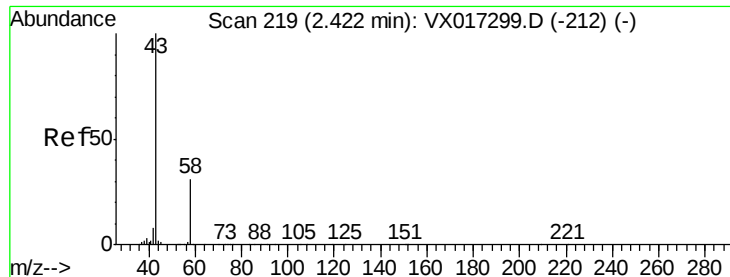


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#15

Acetone

Concen: 107.545 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017322.D

Acq: 09 Jul 2020 20:44

Instrument :

MSVOA_X

ClientSampleId :

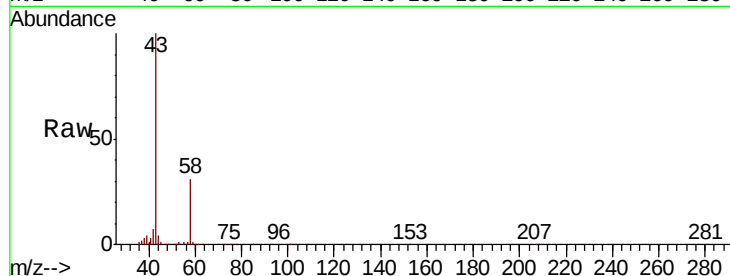
VSTDCCC020EC

Tot Ion: 58 Resp: 39434

Ion Ratio Lower Upper

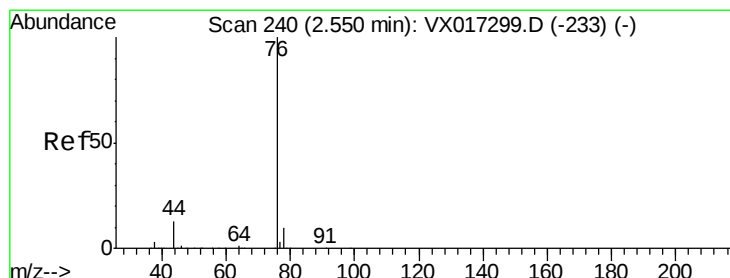
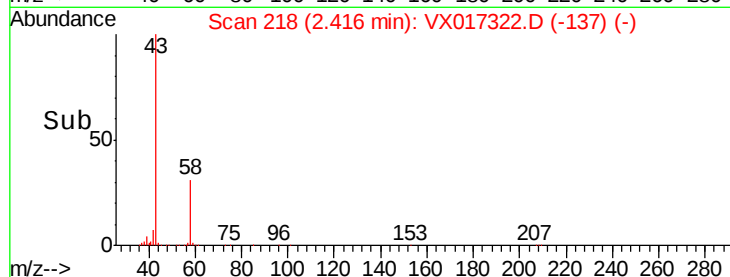
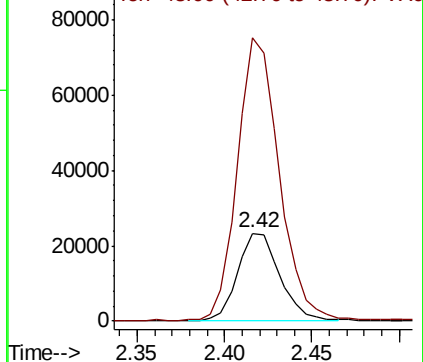
58 100

43 323.1 255.0 382.4



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 17.313 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX017322.D

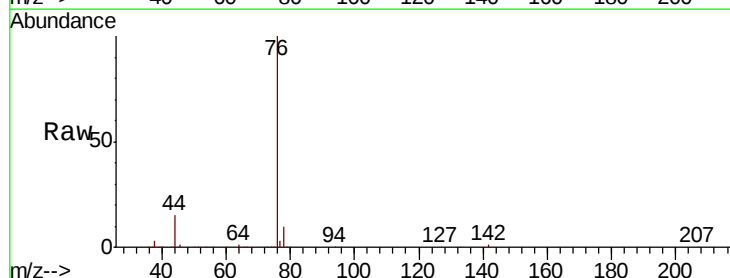
Acq: 09 Jul 2020 20:44

Tgt Ion: 76 Resp: 108600

Ion Ratio Lower Upper

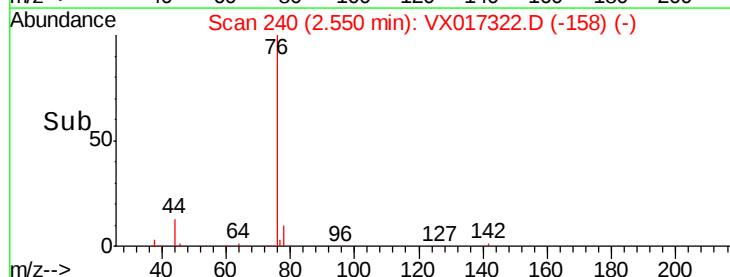
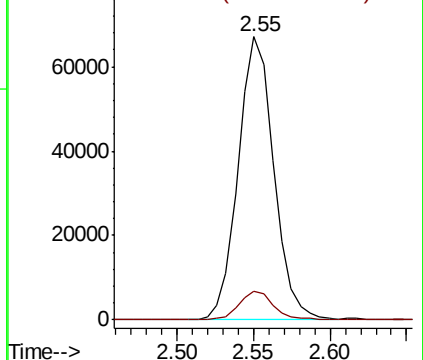
76 100

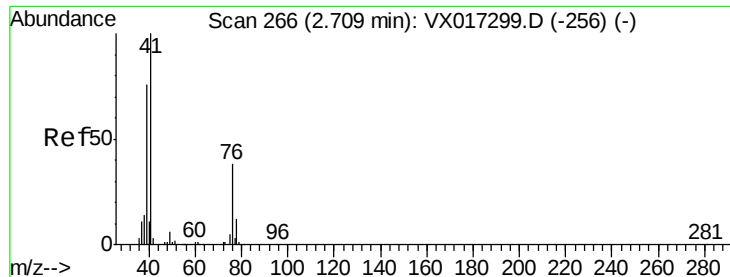
78 9.9 7.9 11.9



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

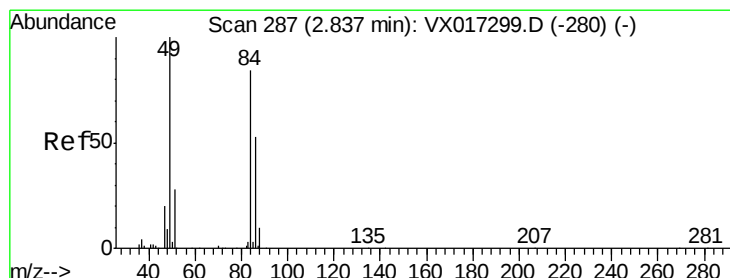
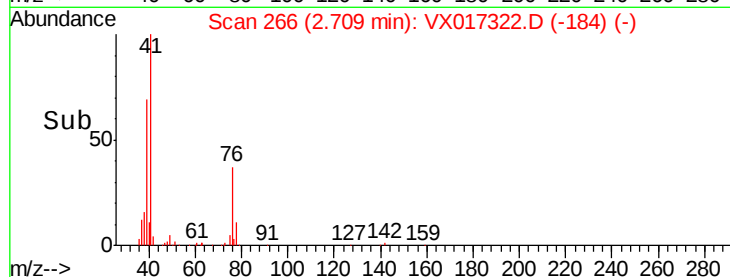
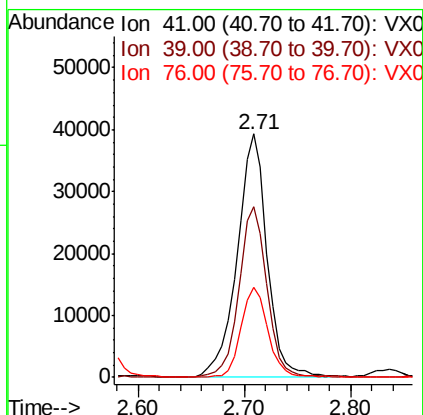
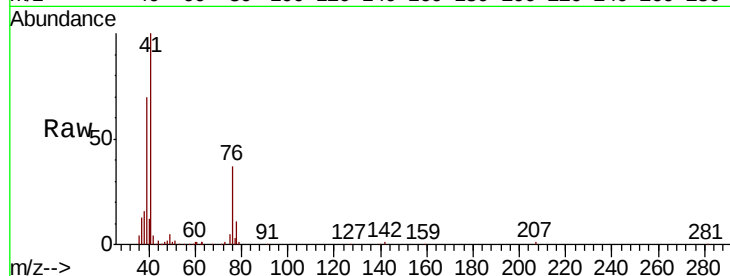




#17
Allvl chloride
Concen: 17.874 ug/l
RT: 2.71 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX017322.D
Acq: 09 Jul 2020 20:44

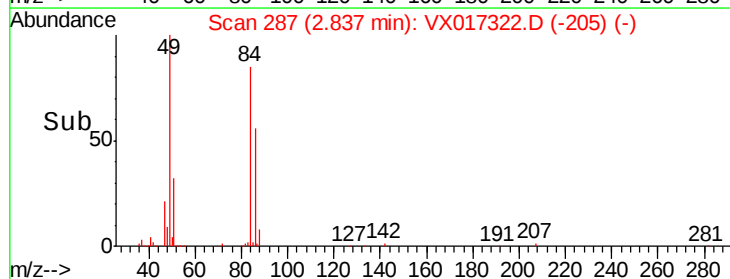
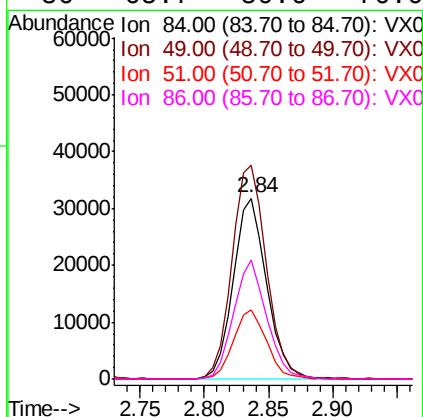
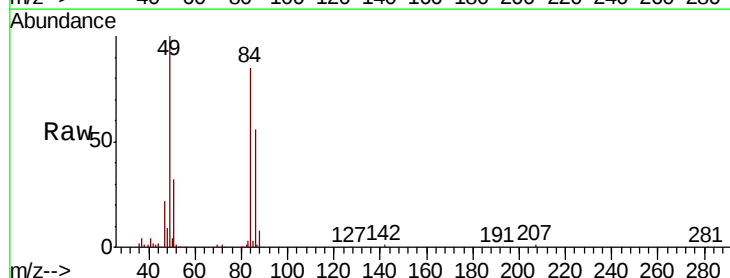
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

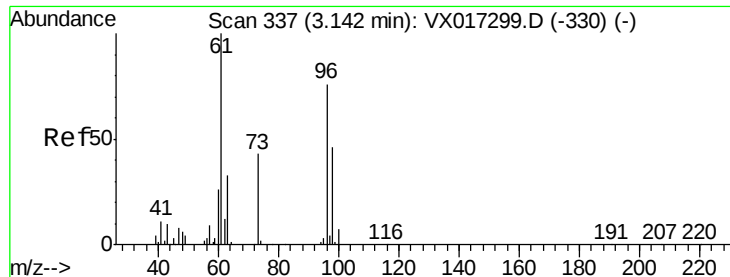
Tot Ion: 41 Resp: 76901
Ion Ratio Lower Upper
41 100
39 69.7 38.1 114.5
76 37.1 18.8 56.4



#18
Methylene Chloride
Concen: 20.128 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX017322.D
Acq: 09 Jul 2020 20:44

Tgt Ion: 84 Resp: 57334
Ion Ratio Lower Upper
84 100
49 117.9 95.7 143.5
51 37.8 27.2 40.8
86 65.7 50.6 76.0

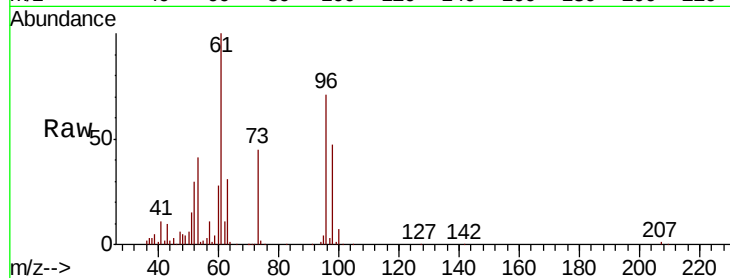




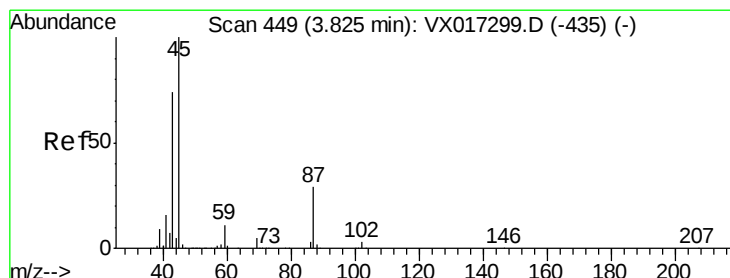
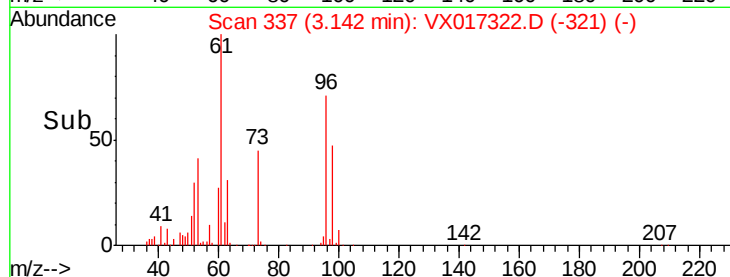
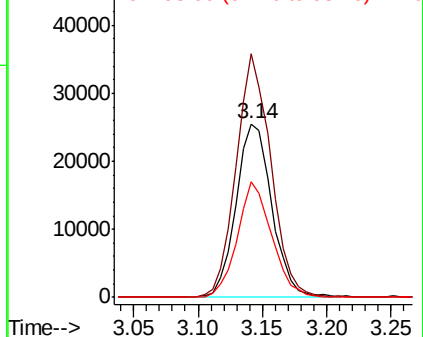
#19
trans-1,2-Dichloroethene
Concen: 18.160 ug/l
RT: 3.14 min Scan# 337
Delta R.T. -0.00 min
Lab File: VX017322.D
Acq: 09 Jul 2020 20:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion: 96 Resp: 49103
Ion Ratio Lower Upper
96 100
61 140.2 105.0 157.6
98 66.4 48.6 73.0

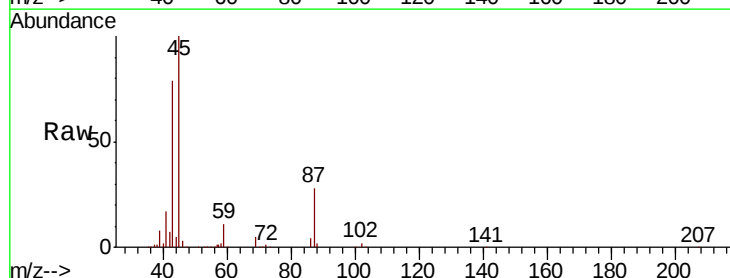


Abundance Ion 96.00 (95.70 to 96.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

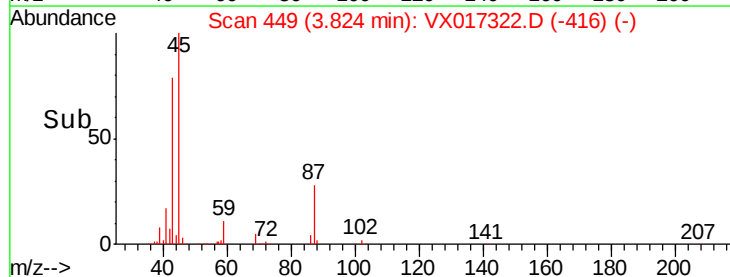
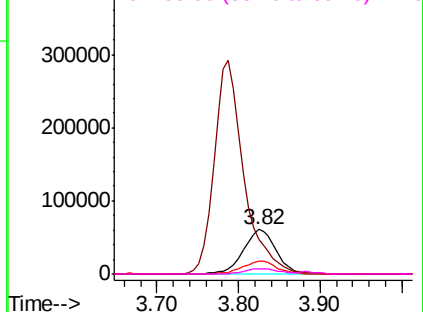


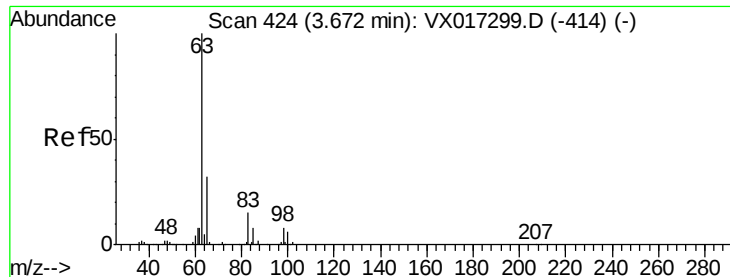
#20
Diisopropyl ether
Concen: 19.638 ug/l
RT: 3.82 min Scan# 449
Delta R.T. -0.00 min
Lab File: VX017322.D
Acq: 09 Jul 2020 20:44

Tgt Ion: 45 Resp: 168923
Ion Ratio Lower Upper
45 100
43 77.7 59.5 89.3
87 27.6 23.2 34.8
59 11.1 8.5 12.7



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#21

1,1-Dichloroethane

Concen: 19.165 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017322.D

Acq: 09 Jul 2020 20:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

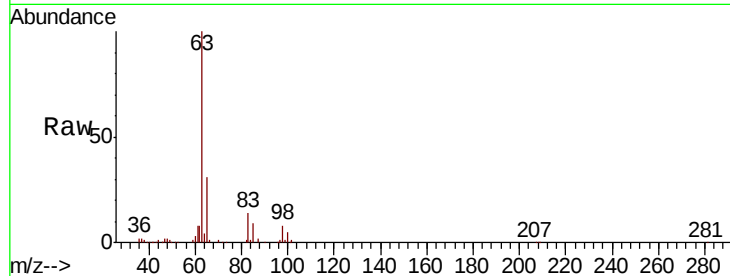
Tot Ion: 63 Resp: 92401

Ion Ratio Lower Upper

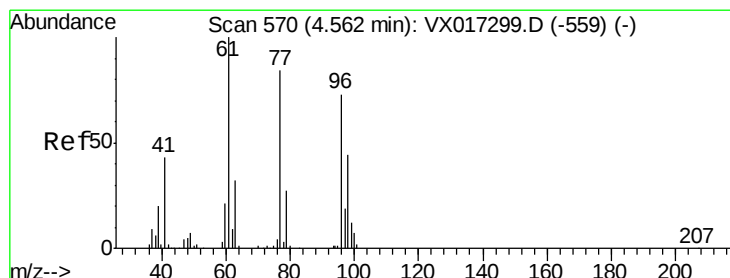
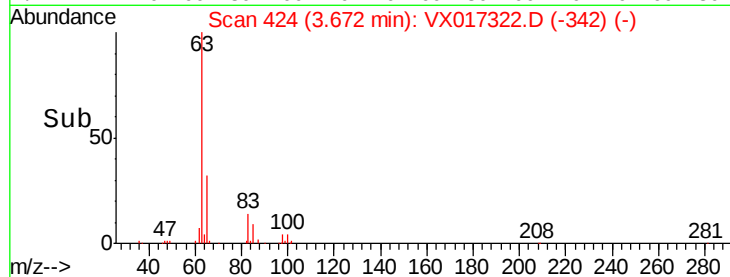
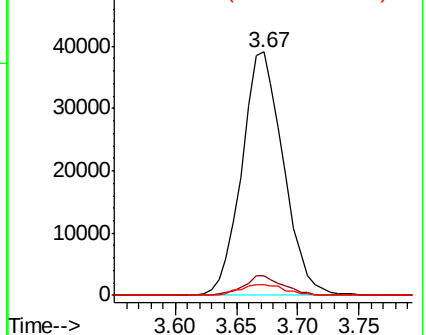
63 100

98 8.0 4.2 12.4

100 4.5 2.8 8.3



Abundance Ion 63.00 (62.70 to 63.70): VX0
Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 19.112 ug/l

RT: 4.56 min Scan# 570

Delta R.T. -0.00 min

Lab File: VX017322.D

Acq: 09 Jul 2020 20:44

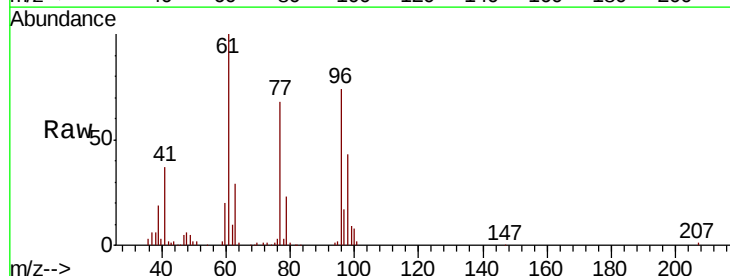
Tgt Ion: 96 Resp: 58957

Ion Ratio Lower Upper

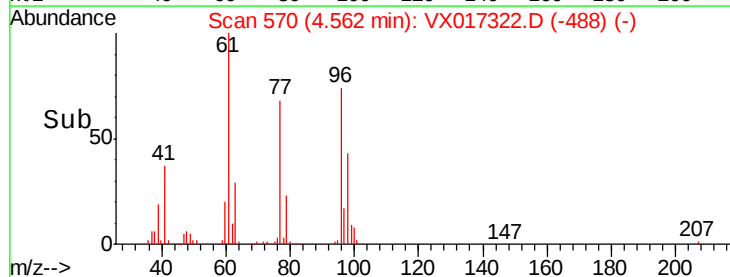
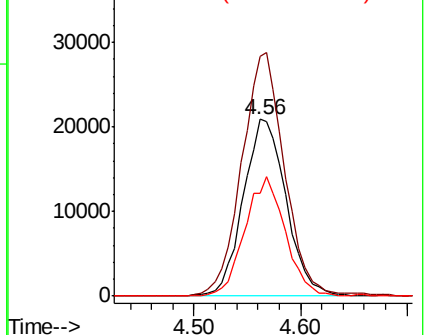
96 100

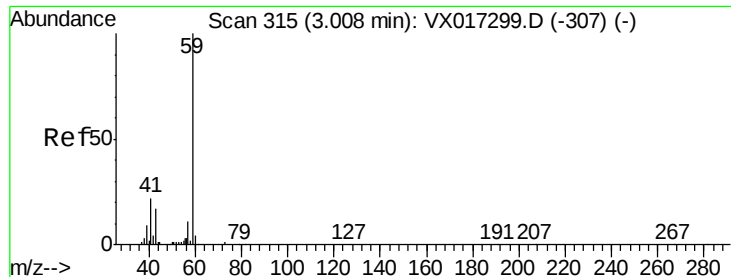
61 137.1 111.7 167.5

98 63.7 50.9 76.3



Abundance Ion 96.00 (95.70 to 96.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 98.00 (97.70 to 98.70): VX0



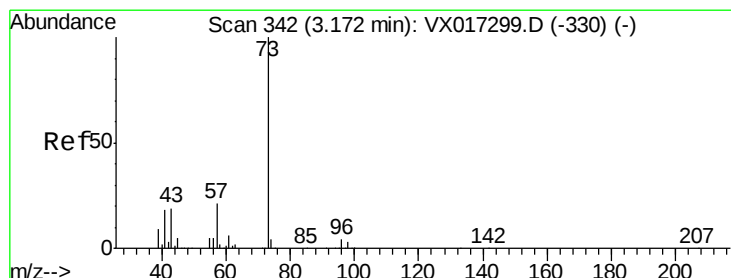
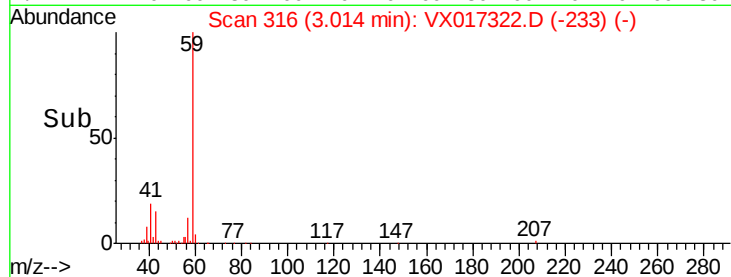
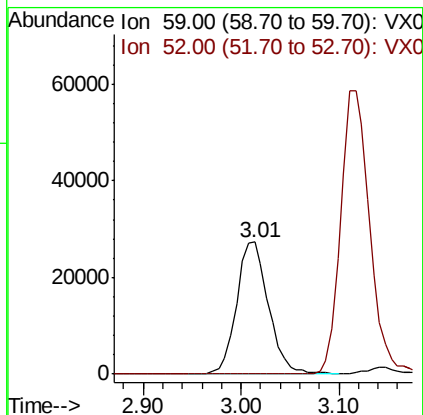
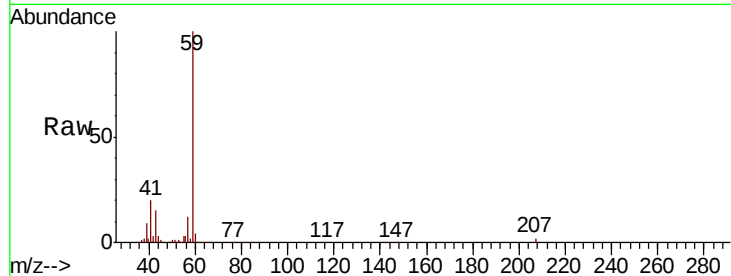


#23

tert-Butyl Alcohol
 Concen: 103.305 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. 0.01 min
 Lab File: VX017322.D
 Acq: 09 Jul 2020 20:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

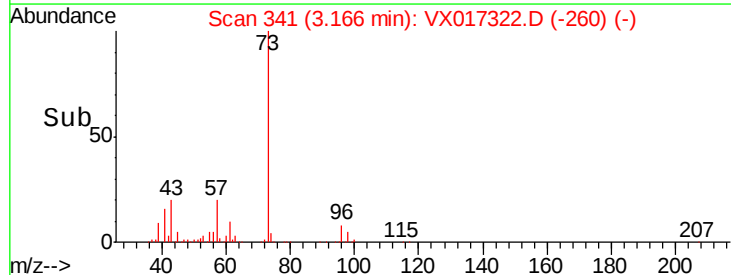
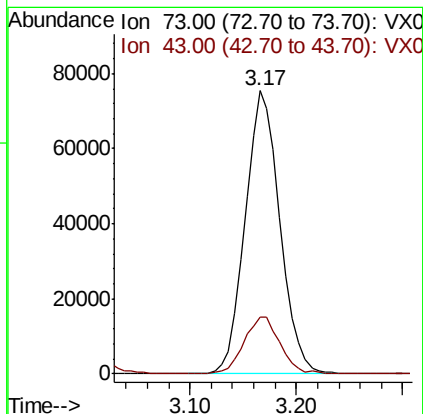
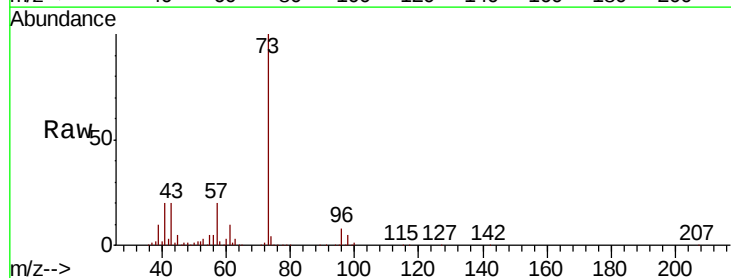
Tot Ion: 59 Resp: 61976
 Ion Ratio Lower Upper
 59 100
 52 0.2 0.4 0.6#

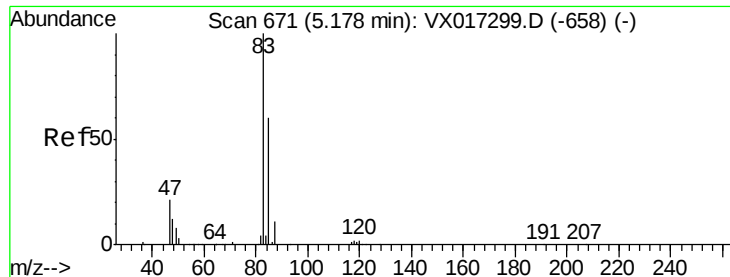


#24

Methyl tert-Butyl Ether
 Concen: 19.505 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.01 min
 Lab File: VX017322.D
 Acq: 09 Jul 2020 20:44

Tgt Ion: 73 Resp: 172215
 Ion Ratio Lower Upper
 73 100
 43 20.7 16.3 24.5





#25

Chloroform

Concen: 19.017 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX017322.D

Acq: 09 Jul 2020 20:44

Instrument :

MSVOA_X

ClientSampleId :

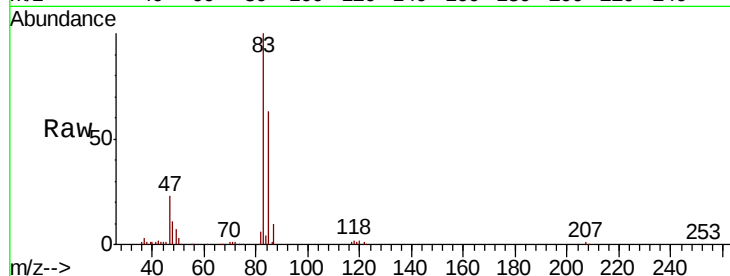
VSTDCCC020EC

Tot Ion: 83 Resp: 97693

Ion Ratio Lower Upper

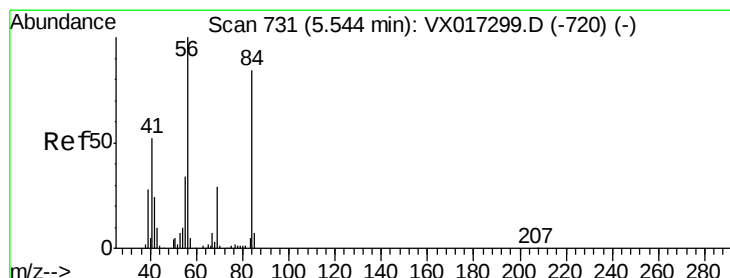
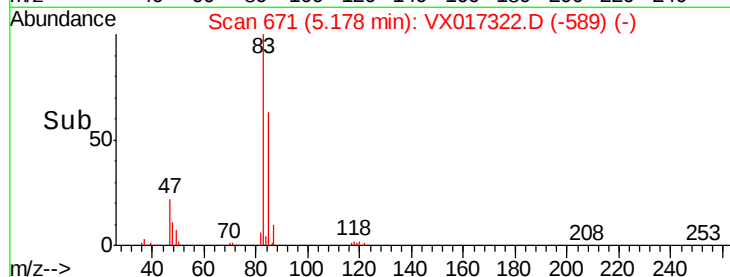
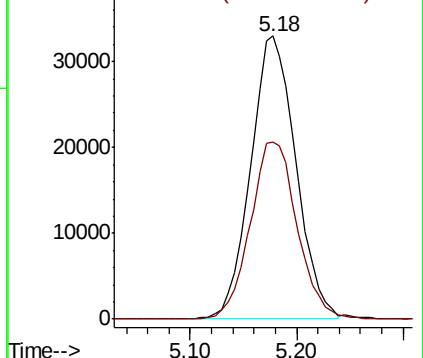
83 100

85 62.8 47.8 71.8



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#26

Cyclohexane

Concen: 14.167 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.00 min

Lab File: VX017322.D

Acq: 09 Jul 2020 20:44

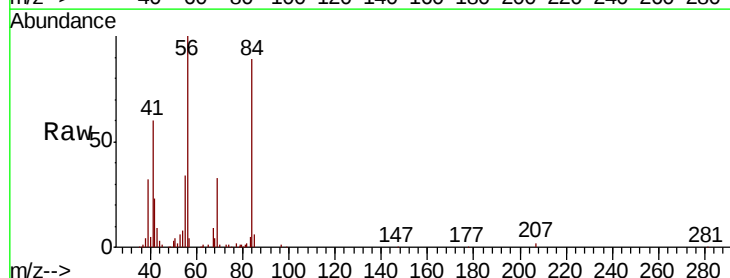
Tgt Ion: 56 Resp: 53214

Ion Ratio Lower Upper

56 100

89 0.1 0.0 0.0#

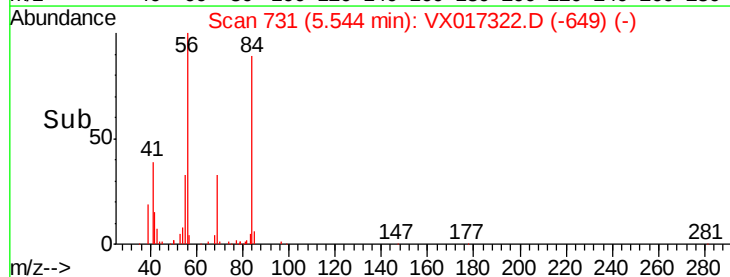
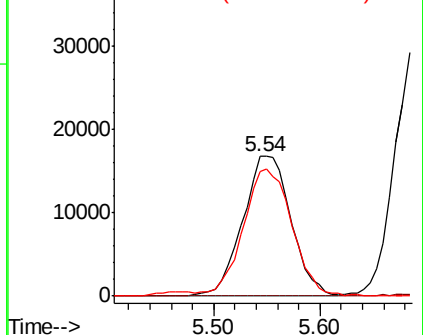
84 91.6 71.5 107.3

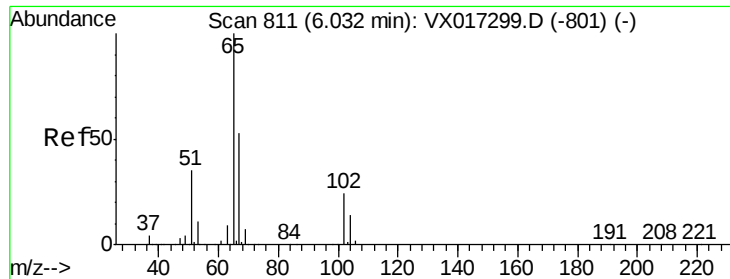


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#27

1,2-Dichloroethane-d4

Concen: 30.535 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017322.D

Acq: 09 Jul 2020 20:44

Instrument :

MSVOA_X

ClientSampleId :

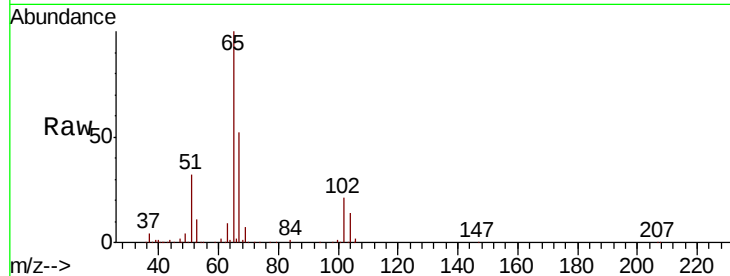
VSTDCCC020EC

Tot Ion: 65 Resp: 110448

Ion Ratio Lower Upper

65 100

67 52.2 41.0 61.6



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

6.03

40000

30000

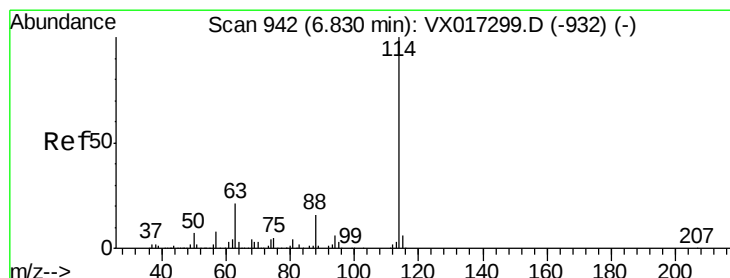
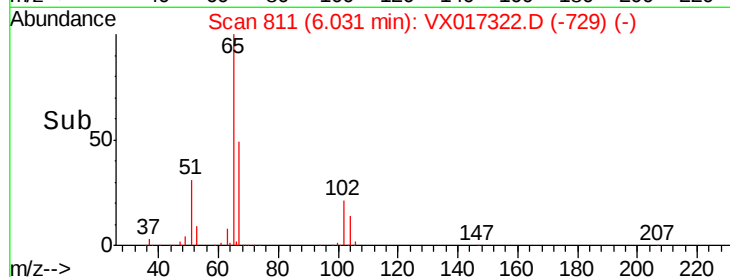
20000

10000

0

5.90 6.00 6.10

Time-->



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017322.D

Acq: 09 Jul 2020 20:44

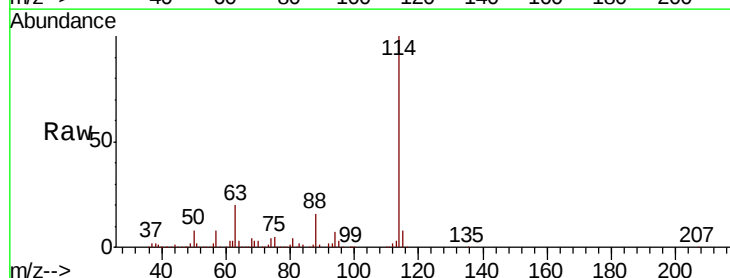
Tgt Ion: 114 Resp: 246146

Ion Ratio Lower Upper

114 100

63 20.0 15.9 23.9

88 16.1 12.4 18.6



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

6.83

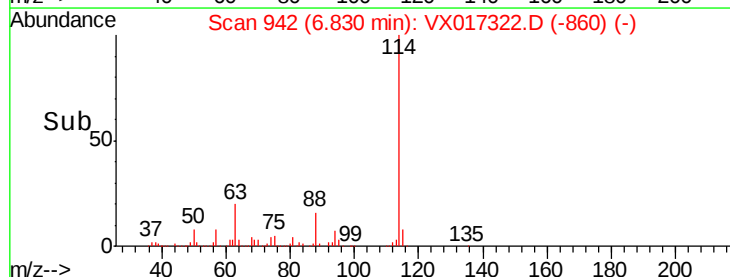
100000

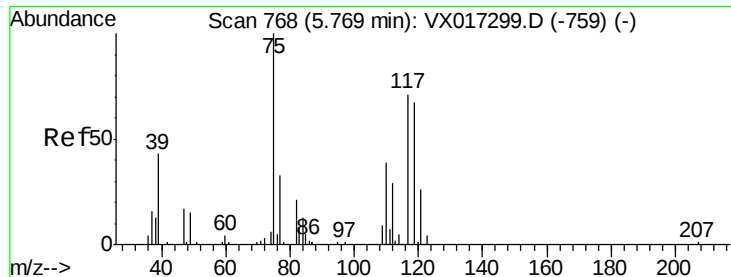
50000

0

6.70 6.80 6.90

Time-->

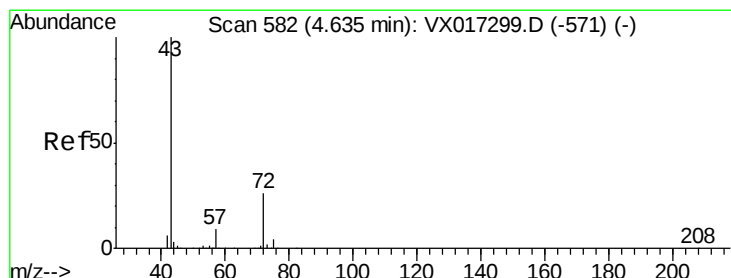
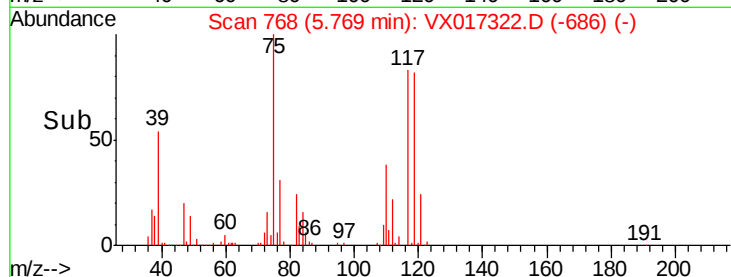
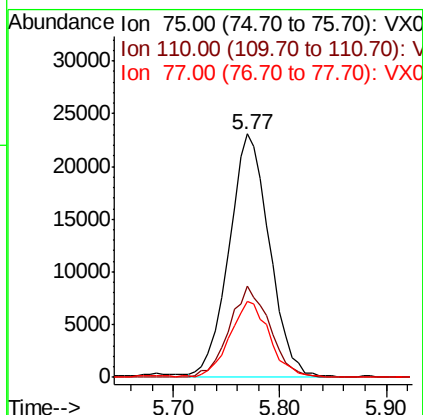
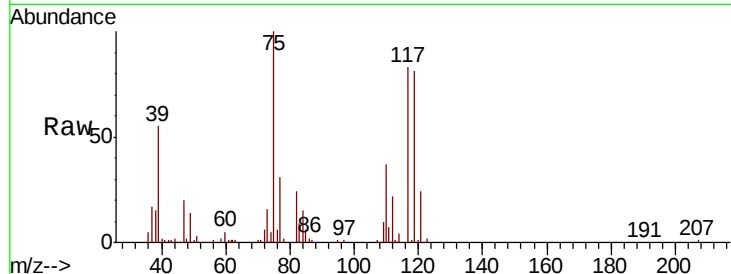




#29
 1,1-Dichloropropene
 Concen: 18.135 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX017322.D
 Acq: 09 Jul 2020 20:44

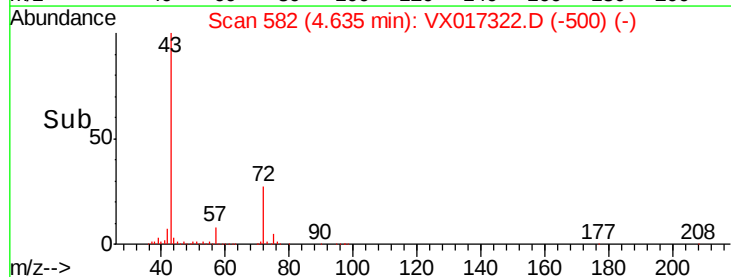
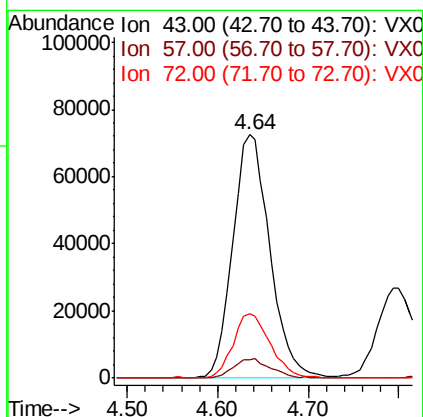
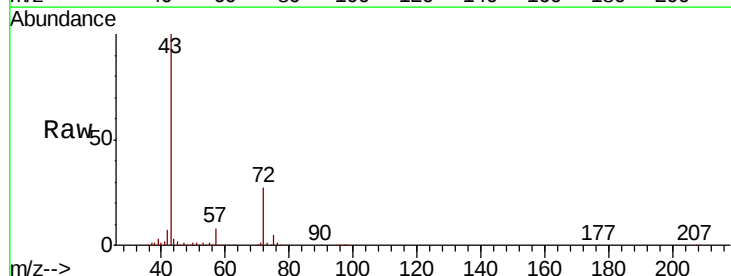
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

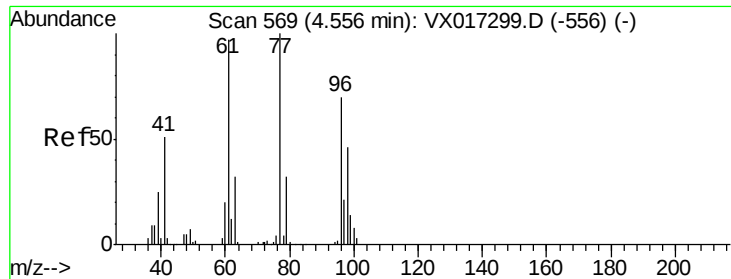
Tot Ion	Ratio	Lower	Upper
75	100		
110	37.0	0.0	75.8
77	30.6	0.0	63.4



#30
 2-Butanone
 Concen: 110.551 ug/l
 RT: 4.64 min Scan# 582
 Delta R.T. -0.00 min
 Lab File: VX017322.D
 Acq: 09 Jul 2020 20:44

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.0	6.8	10.2
72	25.3	21.0	31.6





#31

2,2-Dichloropropane

Concen: 16.618 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.01 min

Lab File: VX017322.D

Acq: 09 Jul 2020 20:44

Instrument :

MSVOA_X

ClientSampleId :

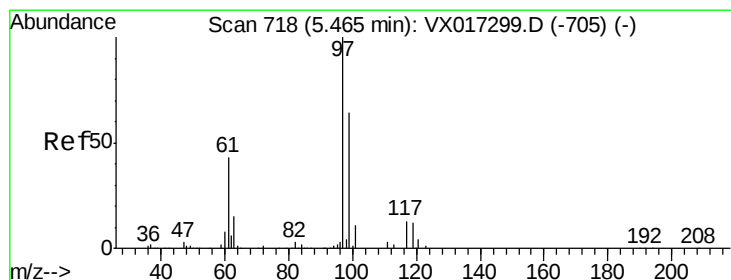
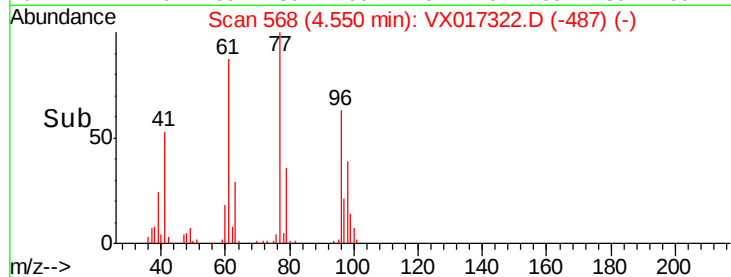
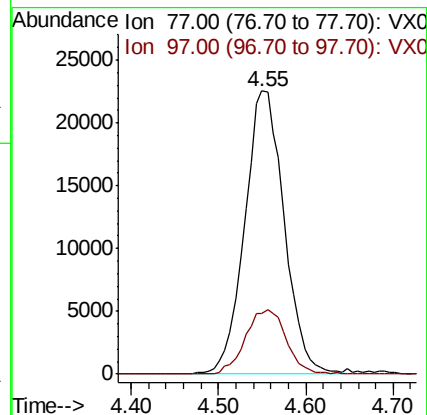
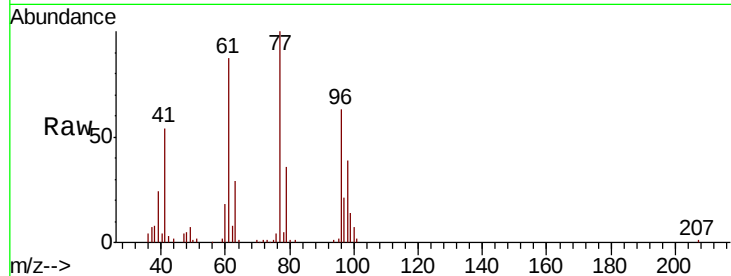
VSTDCCC020EC

Tot Ion: 77 Resp: 70669

Ion Ratio Lower Upper

77 100

97 23.6 18.2 27.2



#32

1,1,1-Trichloroethane

Concen: 18.792 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017322.D

Acq: 09 Jul 2020 20:44

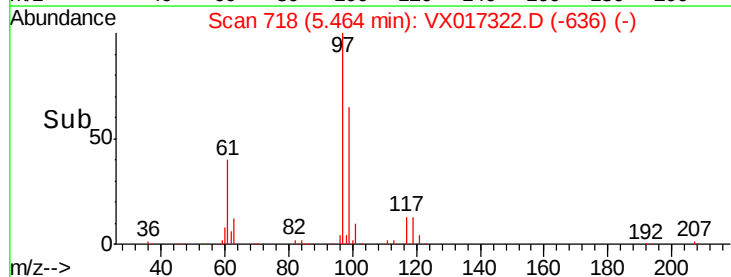
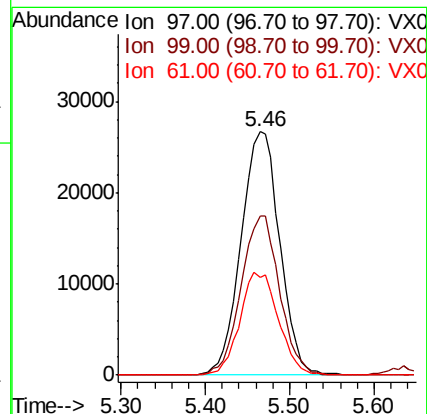
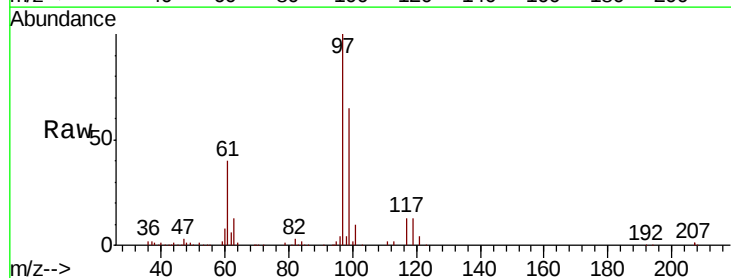
Tgt Ion: 97 Resp: 83045

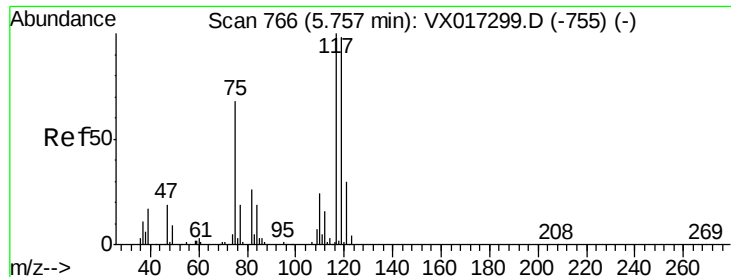
Ion Ratio Lower Upper

97 100

99 64.9 53.2 79.8

61 41.9 34.0 51.0

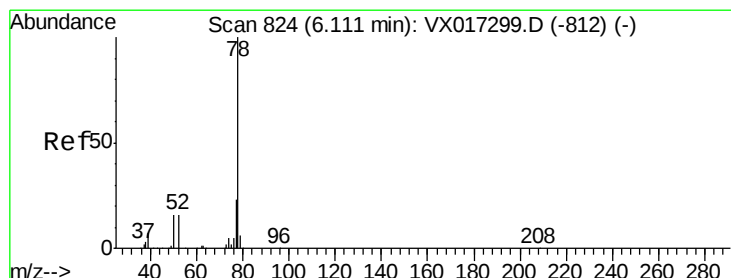
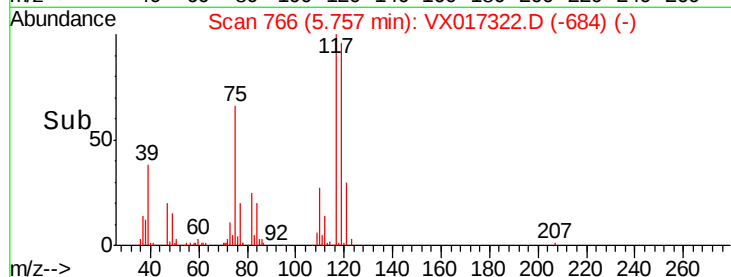
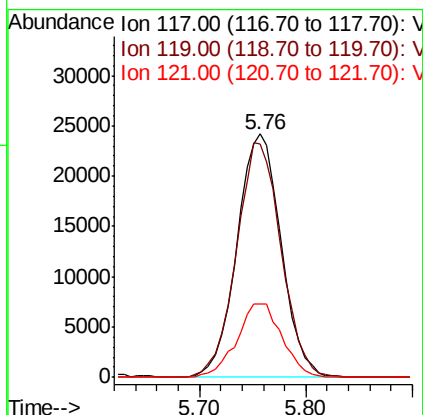
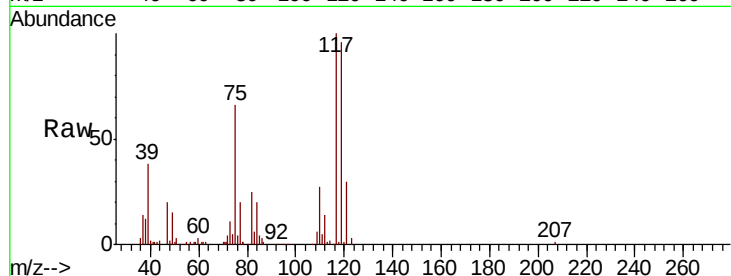




#33
Carbon Tetrachloride
Concen: 17.241 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX017322.D
Acq: 09 Jul 2020 20:44

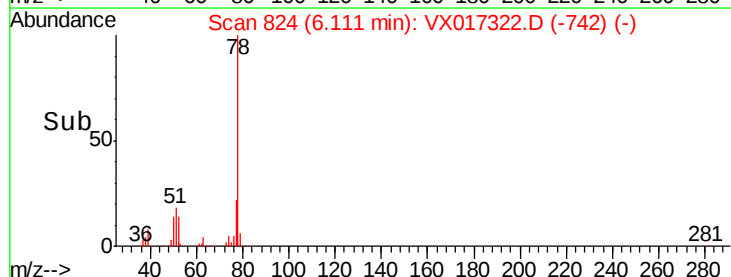
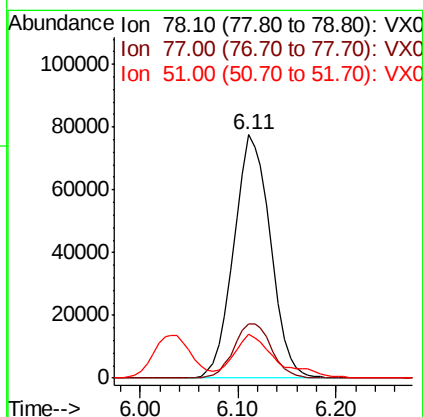
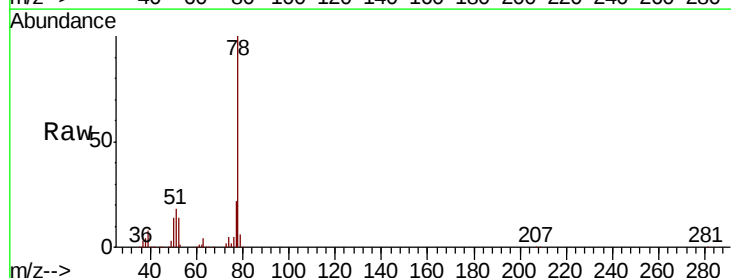
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

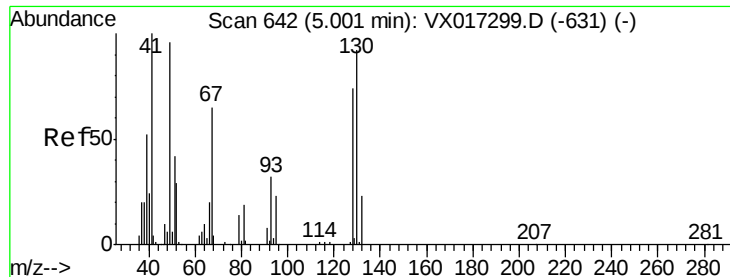
Tot Ion:117 Resp: 70261
Ion Ratio Lower Upper
117 100
119 95.4 78.8 118.2
121 30.0 23.7 35.5



#34
Benzene
Concen: 19.962 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX017322.D
Acq: 09 Jul 2020 20:44

Tgt Ion: 78 Resp: 201617
Ion Ratio Lower Upper
78 100
77 22.0 18.1 27.1
51 17.5 12.9 19.3

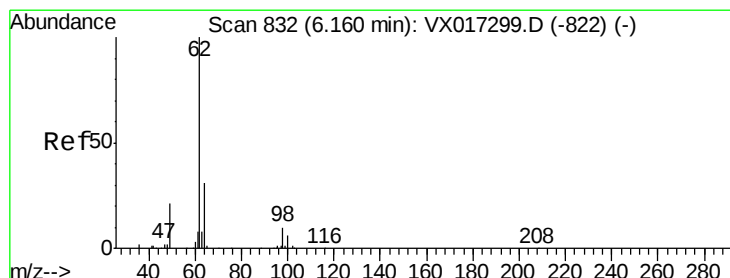
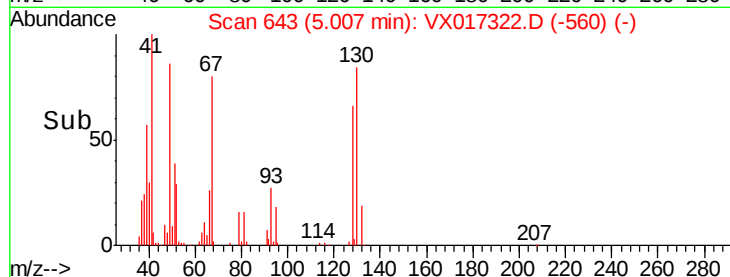
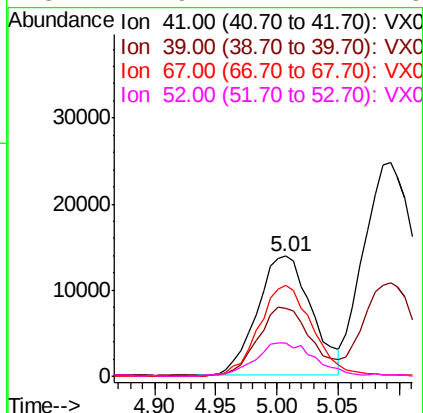
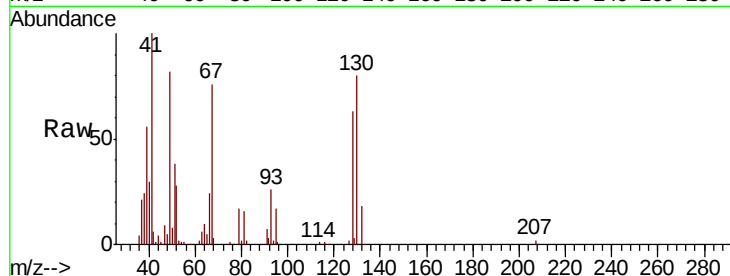




#35
Methacrylonitrile
Concen: 20.677 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX017322.D
Acq: 09 Jul 2020 20:44

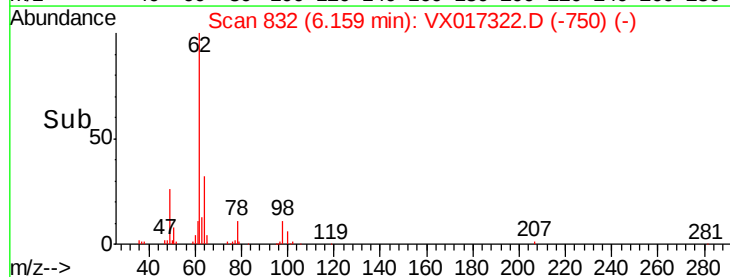
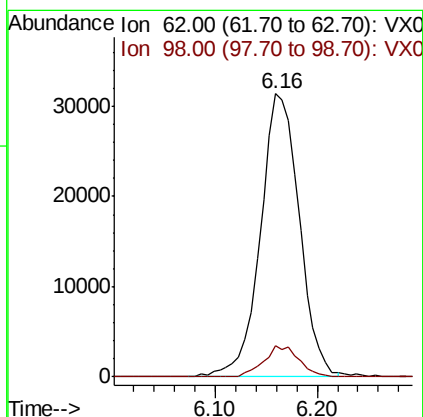
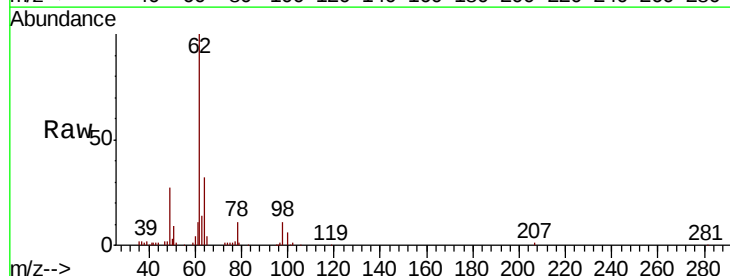
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

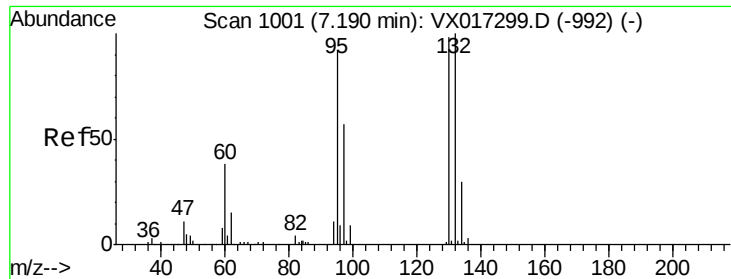
Tot Ion:	41	Resp:	42981
Ion	Ratio	Lower	Upper
41	100		
39	55.4	26.0	78.0
67	76.3	32.6	97.8
52	27.9	14.2	42.6



#36
1,2-Dichloroethane
Concen: 20.865 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.00 min
Lab File: VX017322.D
Acq: 09 Jul 2020 20:44

Tgt Ion:	62	Resp:	82993
Ion	Ratio	Lower	Upper
62	100		
98	9.8	7.8	11.8

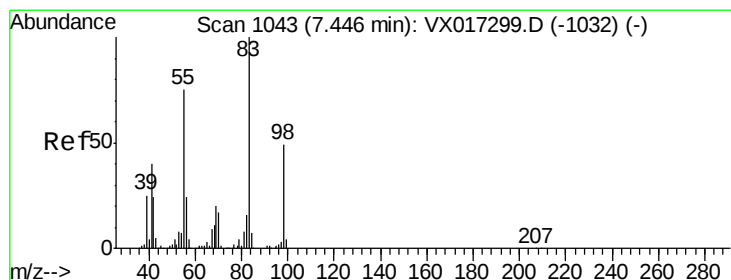
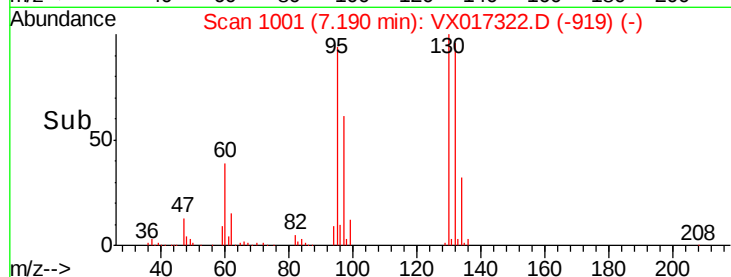
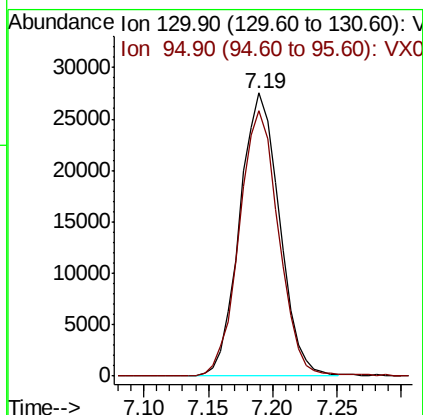
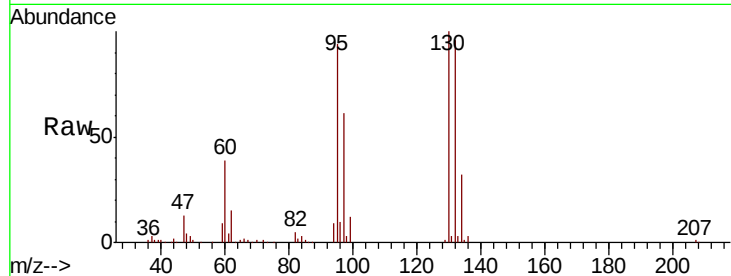




#37
 Trichloroethene
 Concen: 19.394 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX017322.D
 Acq: 09 Jul 2020 20:44

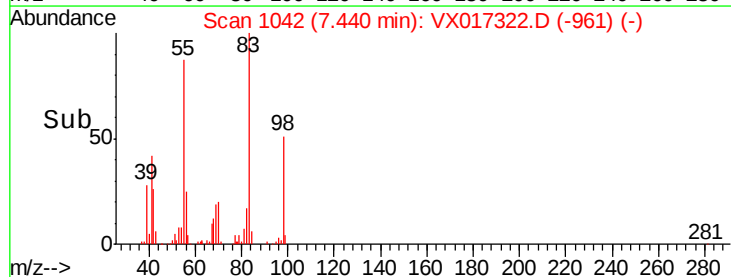
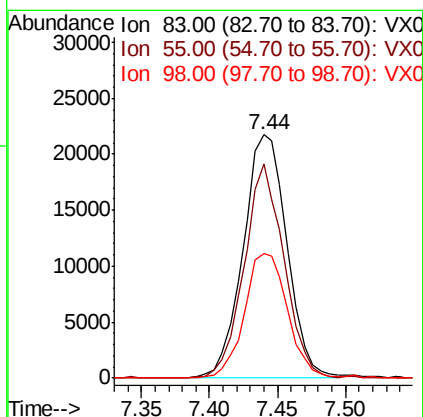
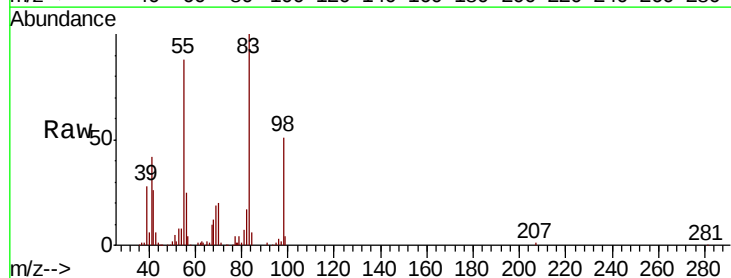
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

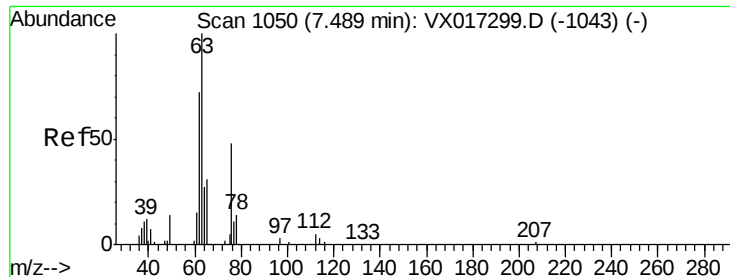
Tot Ion:130 Resp: 58915
 Ion Ratio Lower Upper
 130 100
 95 93.9 74.4 111.6



#38
 Methylcyclohexane
 Concen: 13.705 ug/l
 RT: 7.44 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX017322.D
 Acq: 09 Jul 2020 20:44

Tgt Ion: 83 Resp: 49022
 Ion Ratio Lower Upper
 83 100
 55 80.0 39.0 117.0
 98 50.5 25.3 75.9





#39

1,2-Dichloropropane

Concen: 19.657 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VX017322.D

Acq: 09 Jul 2020 20:44

Instrument :

MSVOA_X

ClientSampleId :

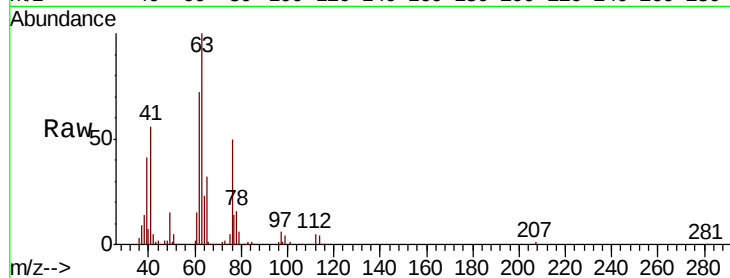
VSTDCCC020EC

Tot Ion: 63 Resp: 51879

Ion Ratio Lower Upper

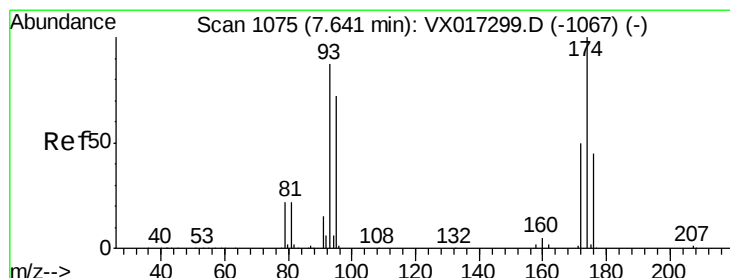
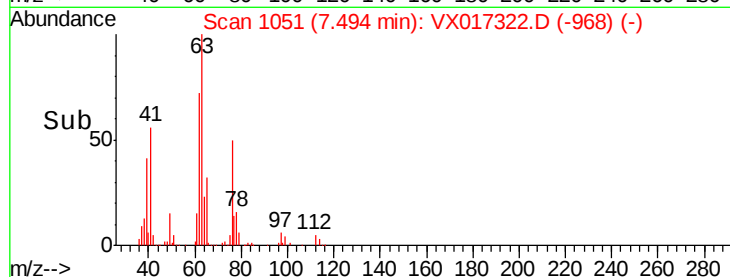
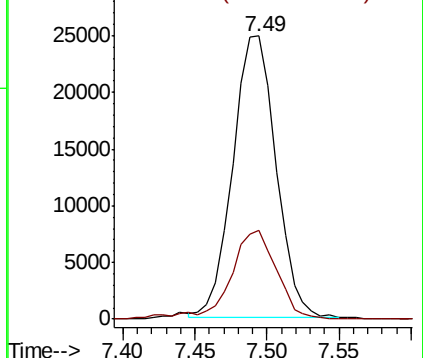
63 100

65 31.8 27.4 41.0



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0



#40

Dibromomethane

Concen: 20.598 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX017322.D

Acq: 09 Jul 2020 20:44

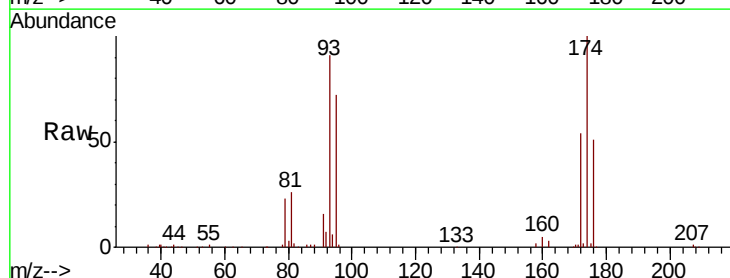
Tgt Ion: 93 Resp: 39162

Ion Ratio Lower Upper

93 100

95 83.4 0.0 164.4

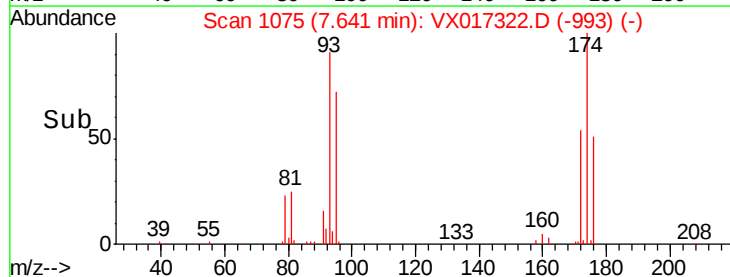
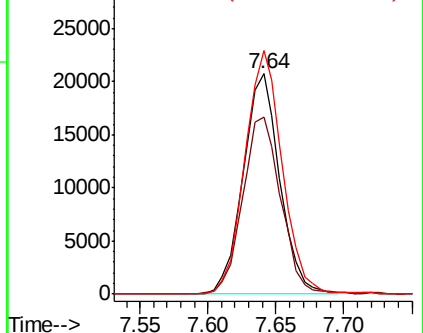
174 112.1 0.0 224.8

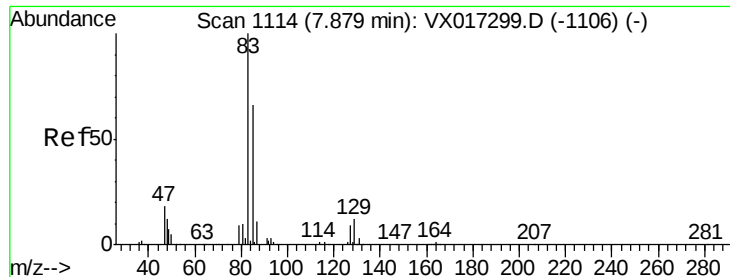


Abundance Ion 93.00 (92.70 to 93.70): VX0

Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V





#41

Bromodichloromethane

Concen: 20.427 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX017322.D

Acq: 09 Jul 2020 20:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

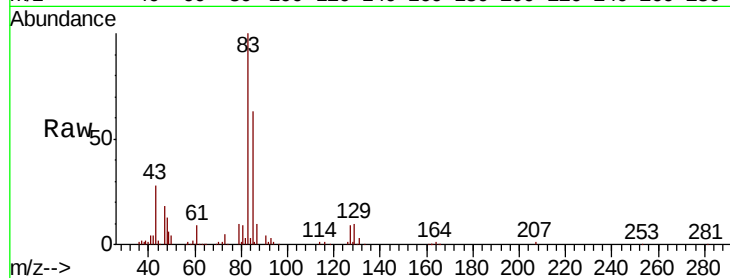
Tot Ion: 83 Resp: 81054

Ion Ratio Lower Upper

83 100

85 62.6 53.1 79.7

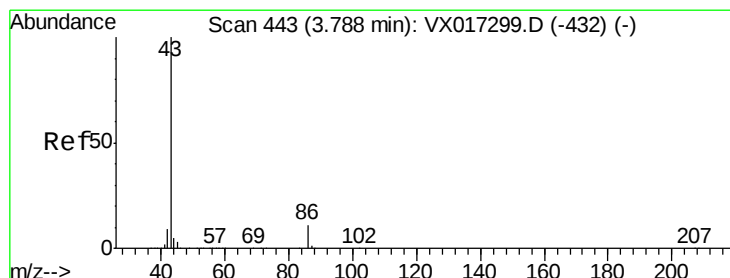
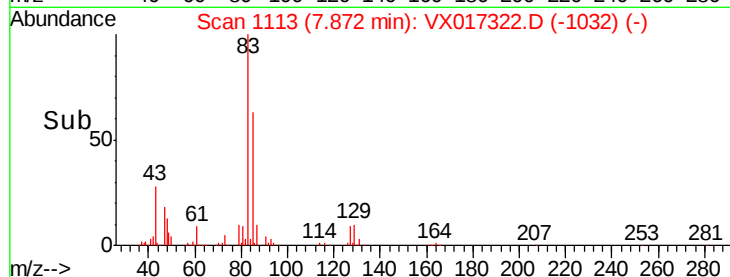
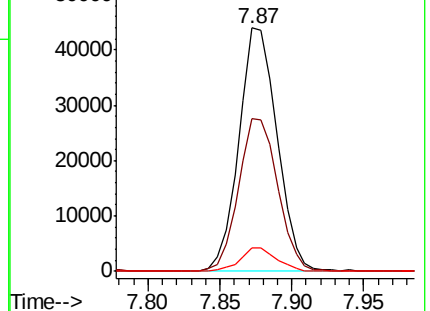
127 9.4 7.3 10.9



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 104.365 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017322.D

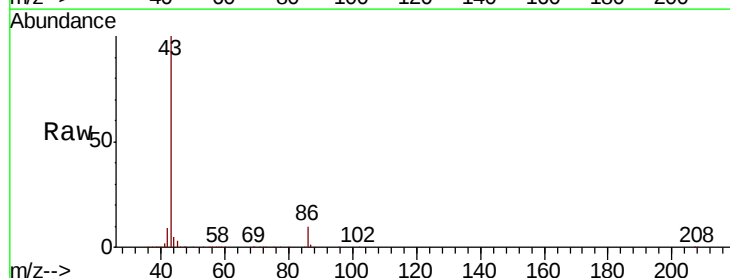
Acq: 09 Jul 2020 20:44

Tgt Ion: 43 Resp: 740490

Ion Ratio Lower Upper

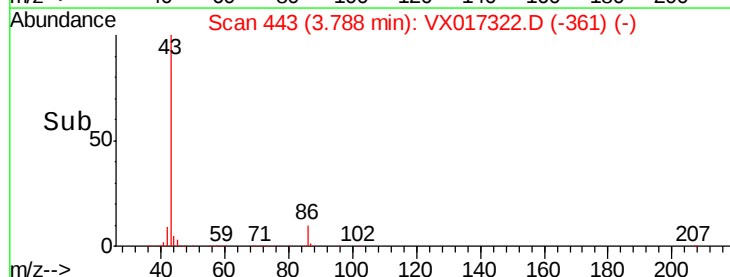
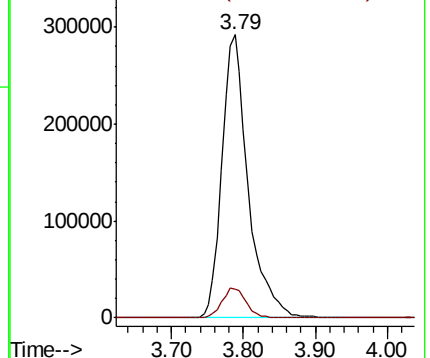
43 100

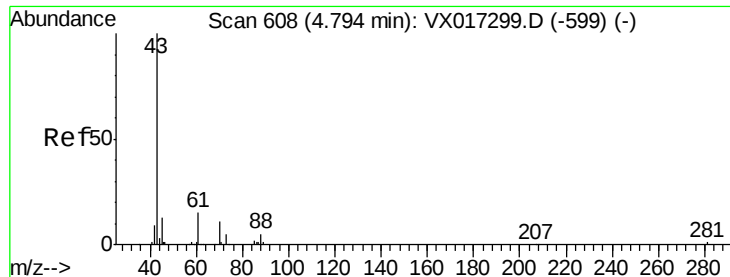
86 9.8 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

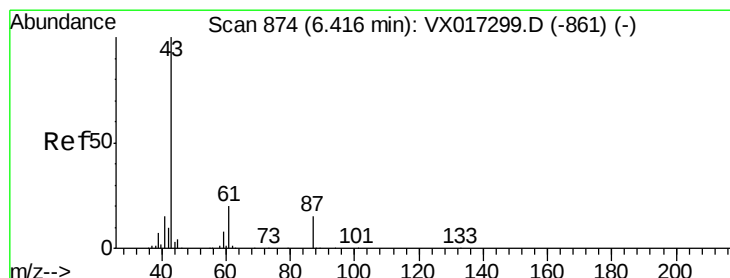
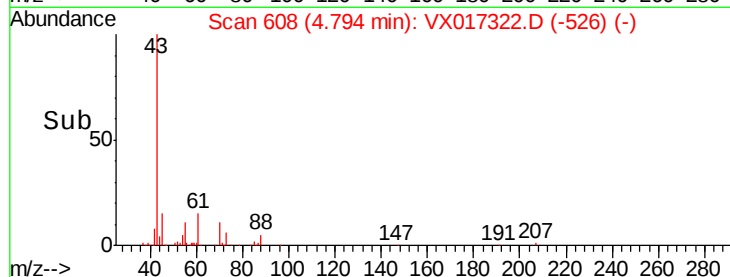
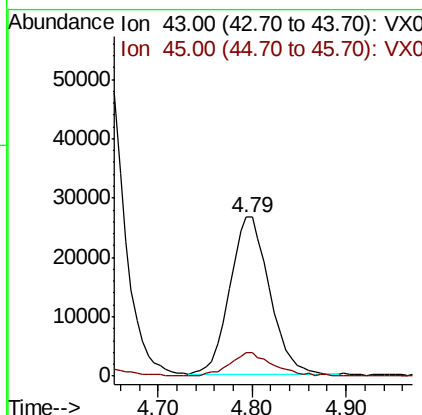
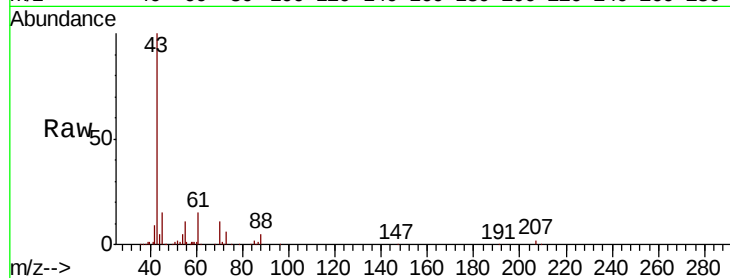




#43
Ethyl Acetate
Concen: 21.358 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX017322.D
Acq: 09 Jul 2020 20:44

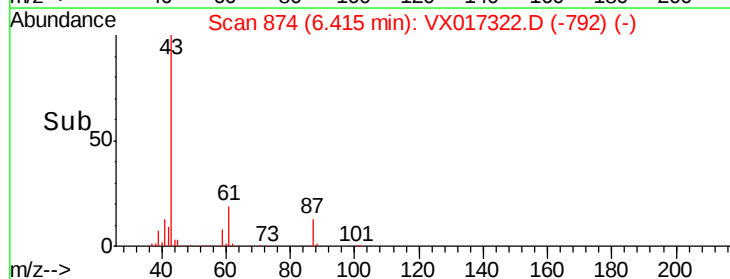
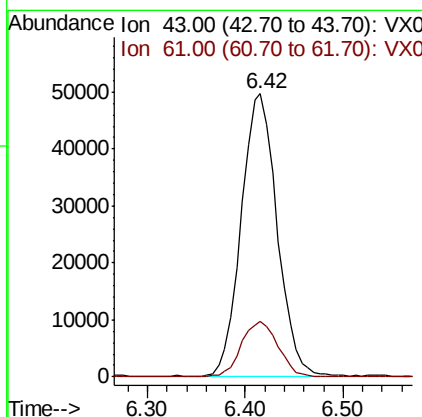
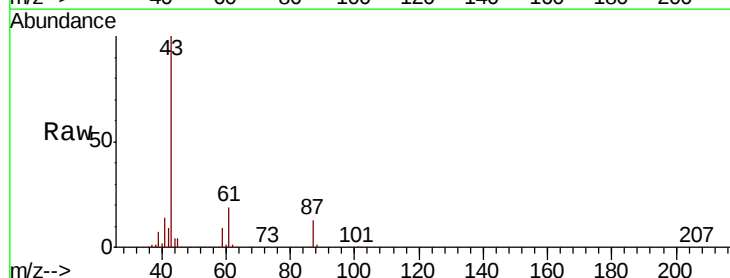
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

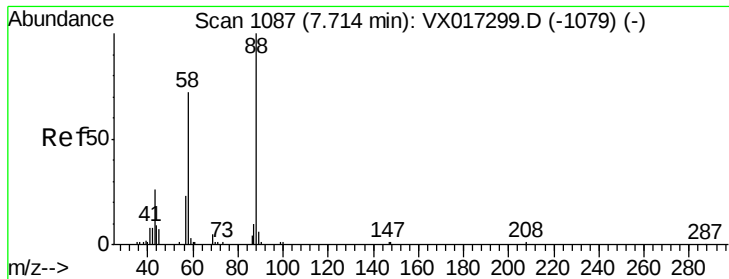
Tot Ion: 43 Resp: 78000
Ion Ratio Lower Upper
43 100
45 15.4 12.1 18.1



#44
Isopropyl Acetate
Concen: 20.877 ug/l
RT: 6.42 min Scan# 874
Delta R.T. -0.00 min
Lab File: VX017322.D
Acq: 09 Jul 2020 20:44

Tgt Ion: 43 Resp: 126850
Ion Ratio Lower Upper
43 100
61 19.9 15.7 23.5



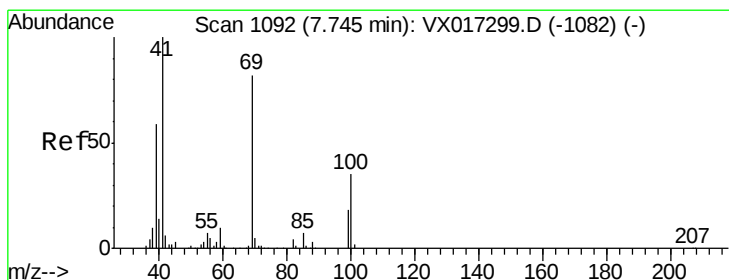
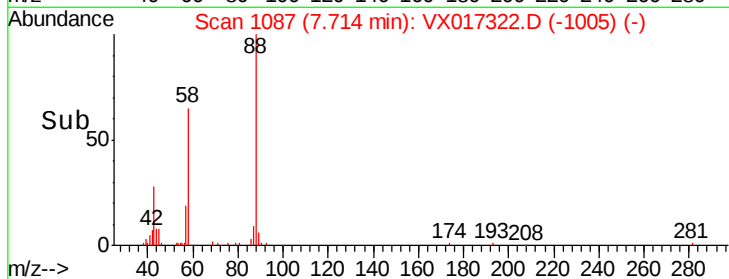
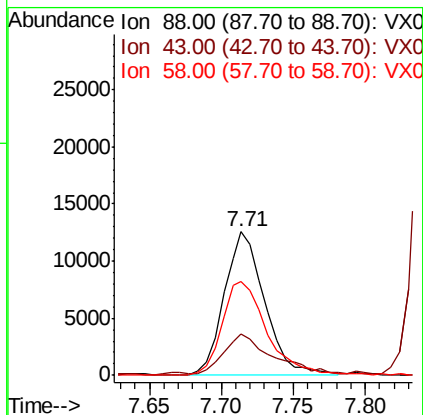
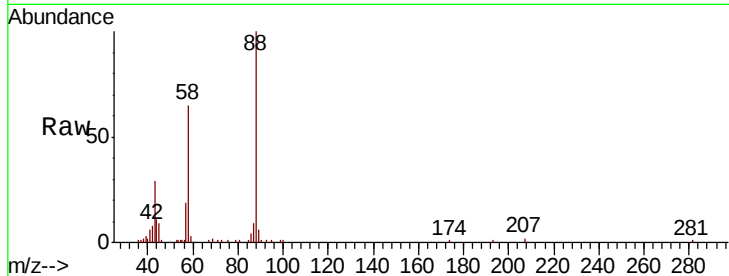


#45
 1,4-Dioxane
 Concen: 424.340 ug/l
 RT: 7.71 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX017322.D
 Acq: 09 Jul 2020 20:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion: 88 Resp: 24577

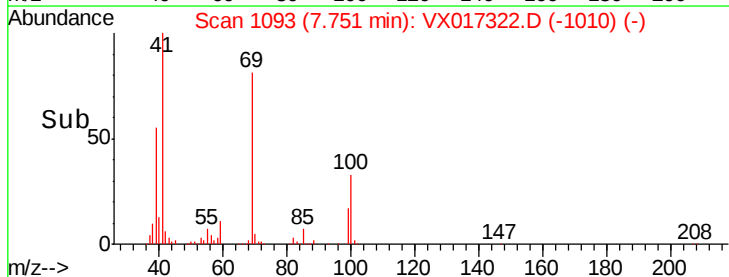
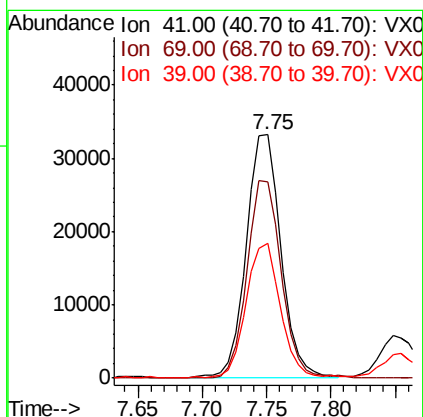
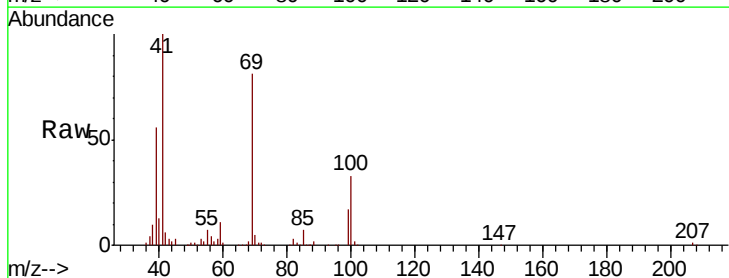
Ion	Ratio	Lower	Upper
88	100		
43	33.0	29.0	43.4
58	72.3	58.3	87.5

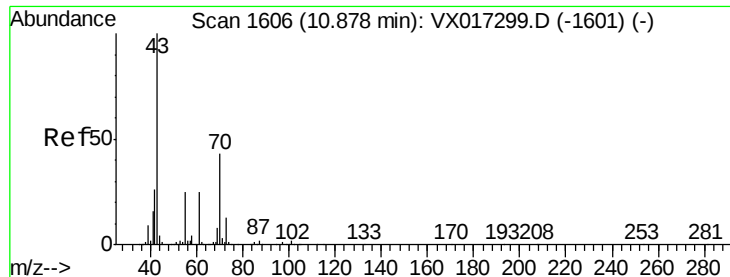


#46
 Methyl methacrylate
 Concen: 20.789 ug/l
 RT: 7.75 min Scan# 1093
 Delta R.T. 0.01 min
 Lab File: VX017322.D
 Acq: 09 Jul 2020 20:44

Tgt Ion: 41 Resp: 61534

Ion	Ratio	Lower	Upper
41	100		
69	80.7	41.1	123.3
39	55.5	29.2	87.6

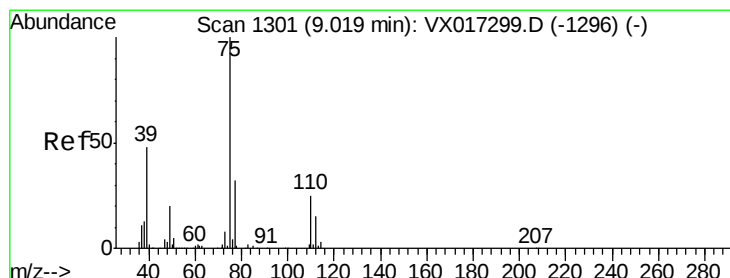
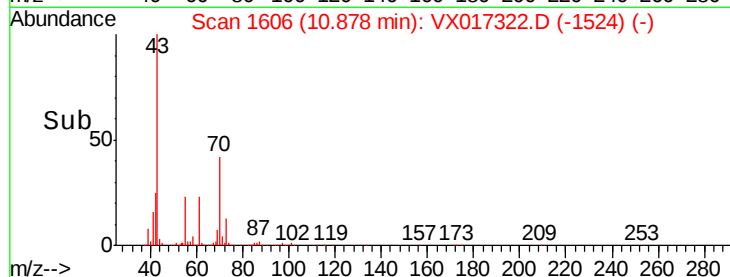
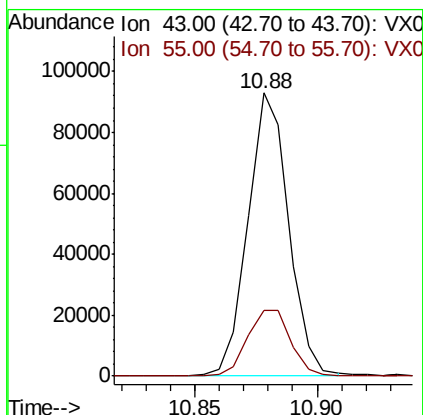
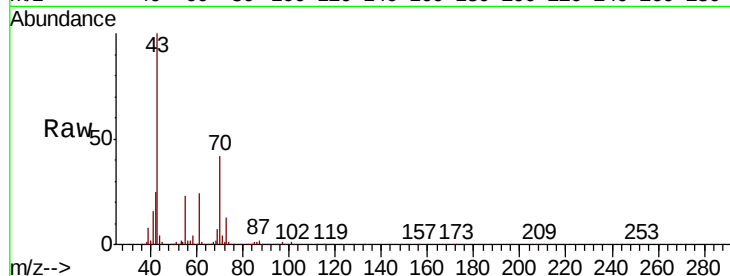




#47
n-amvl Acetate
Concen: 19.915 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. -0.00 min
Lab File: VX017322.D
Acq: 09 Jul 2020 20:44

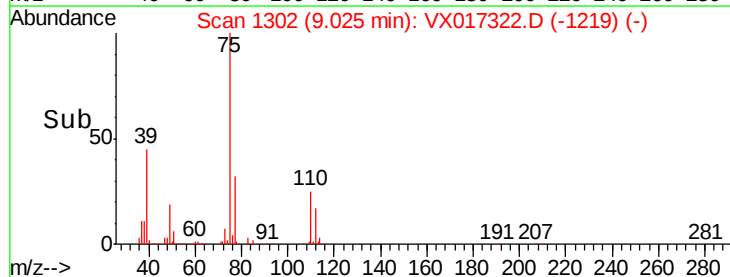
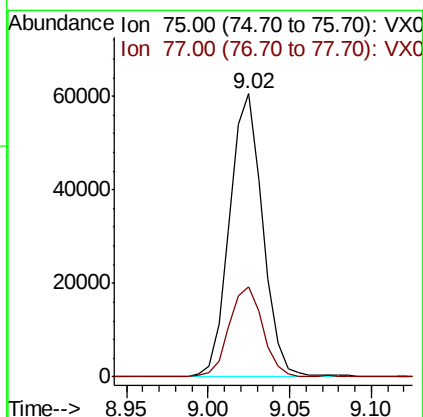
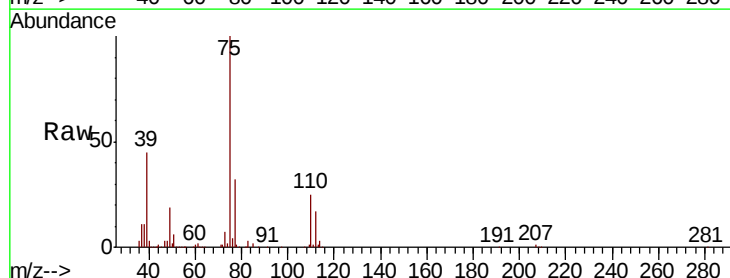
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

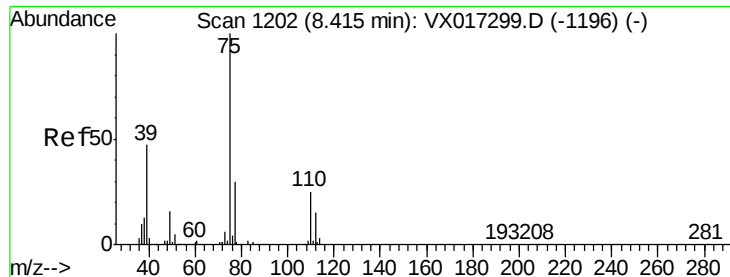
Tot Ion: 43 Resp: 107150
Ion Ratio Lower Upper
43 100
55 25.0 20.4 30.6



#48
t-1,3-Dichloropropene
Concen: 19.601 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.01 min
Lab File: VX017322.D
Acq: 09 Jul 2020 20:44

Tgt Ion: 75 Resp: 85864
Ion Ratio Lower Upper
75 100
77 31.8 25.6 38.4



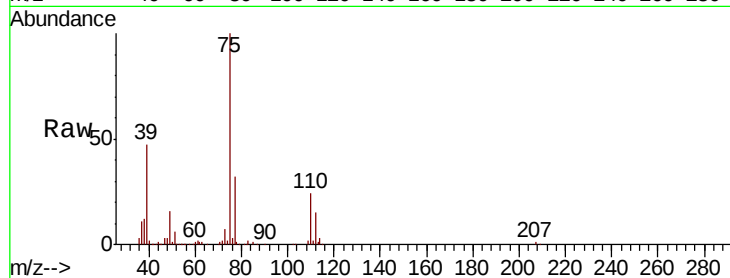


#49

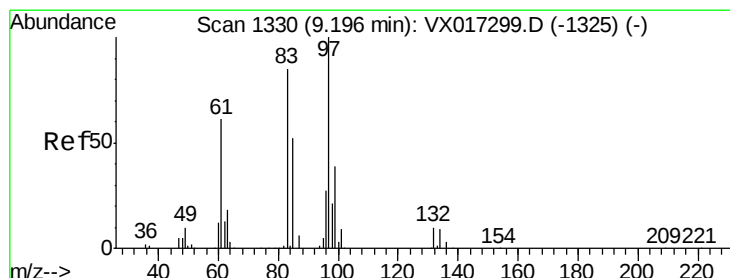
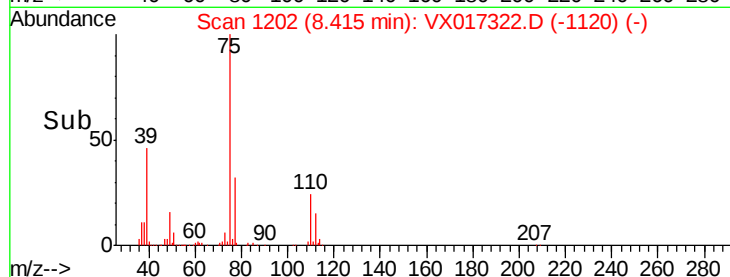
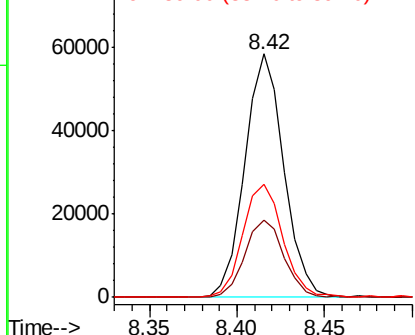
cis-1,3-Dichloropropene
 Concen: 19.892 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX017322.D
 Acq: 09 Jul 2020 20:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	75	Resp	91182
Ion Ratio	Lower	Upper	
75	100		
77	31.7	23.6	35.4
39	46.3	37.5	56.3



Abundance Ion 75.00 (74.70 to 75.70): VX0
 Ion 77.00 (76.70 to 77.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0

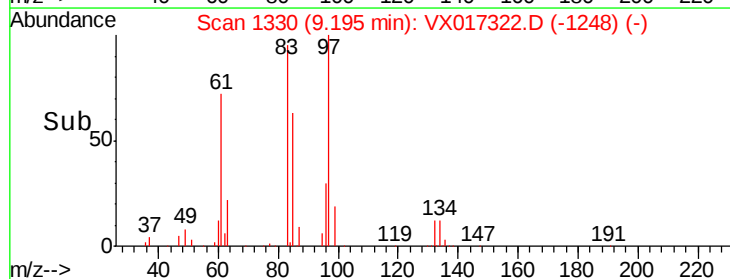
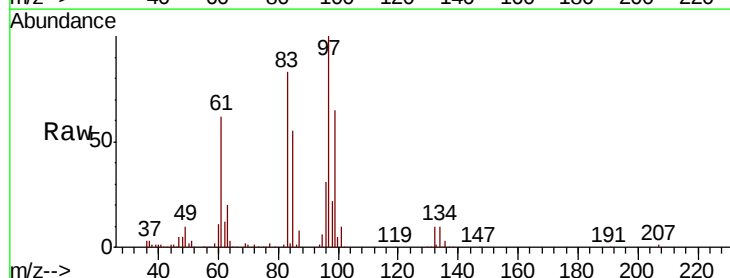
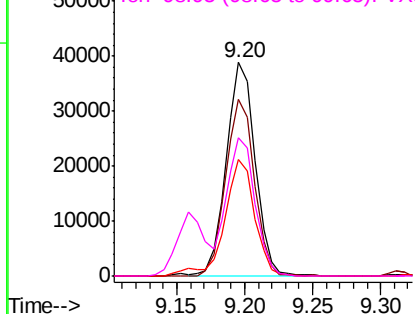


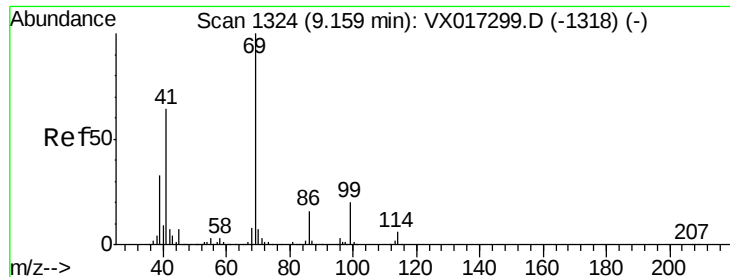
#50

1,1,2-Trichloroethane
 Concen: 20.369 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017322.D
 Acq: 09 Jul 2020 20:44

Tgt Ion	97	Resp	57373
Ion Ratio	Lower	Upper	
97	100		
83	82.5	67.9	101.9
85	54.8	42.6	64.0
99	64.7	50.7	76.1

Abundance Ion 97.00 (96.70 to 97.70): VX0
 Ion 82.95 (82.65 to 83.65): VX0
 Ion 84.95 (84.65 to 85.65): VX0
 Ion 98.95 (98.65 to 99.65): VX0





#51

Ethyl methacrylate

Concen: 19.713 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX017322.D

Acq: 09 Jul 2020 20:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

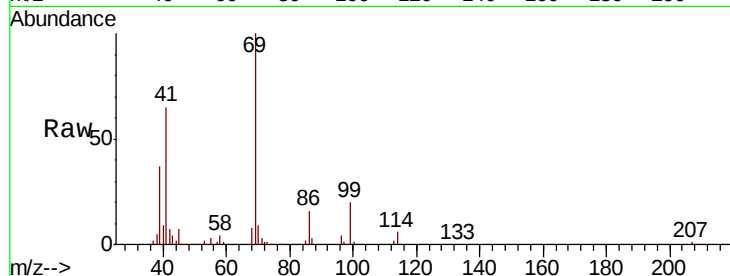
Tot Ion: 69 Resp: 80900

Ion Ratio Lower Upper

69 100

41 64.6 32.1 96.5

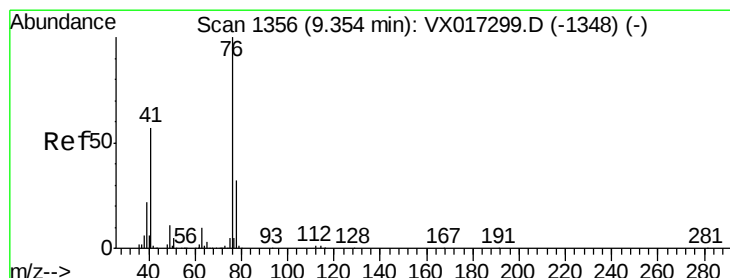
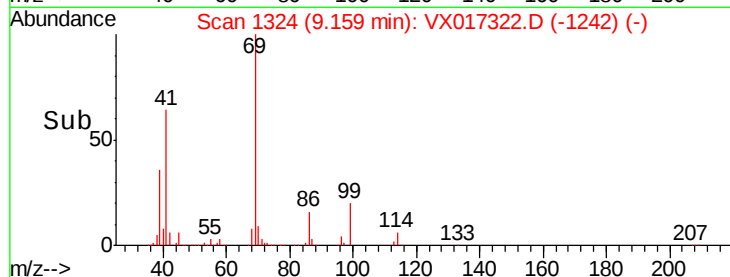
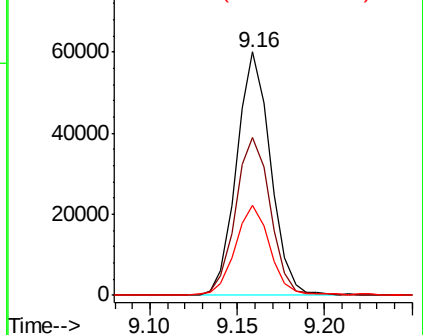
39 36.7 16.3 48.9



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 20.374 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017322.D

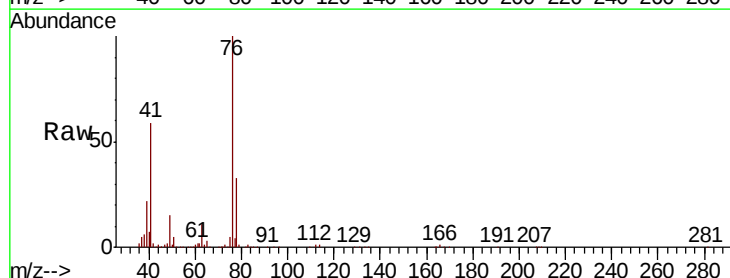
Acq: 09 Jul 2020 20:44

Tgt Ion: 76 Resp: 93480

Ion Ratio Lower Upper

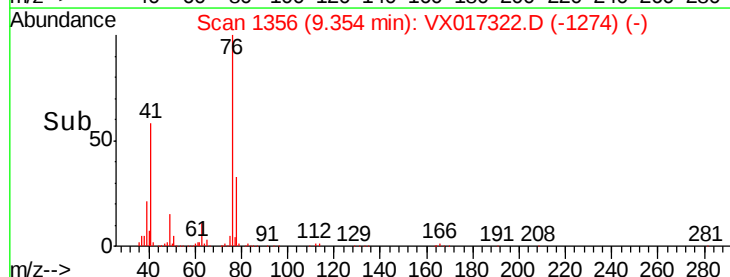
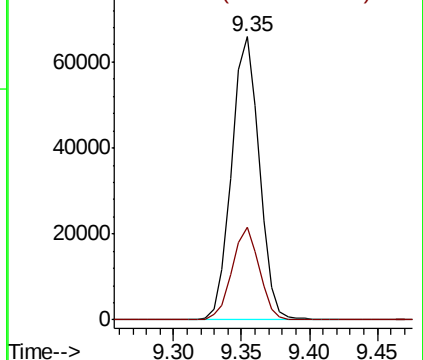
76 100

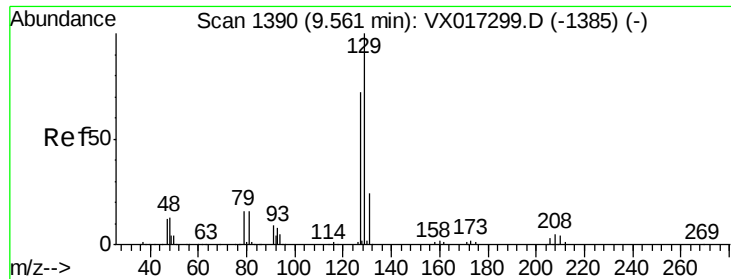
78 32.5 0.0 65.6



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 19.579 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. 0.01 min

Lab File: VX017322.D

Acq: 09 Jul 2020 20:44

Instrument :

MSVOA_X

ClientSampleId :

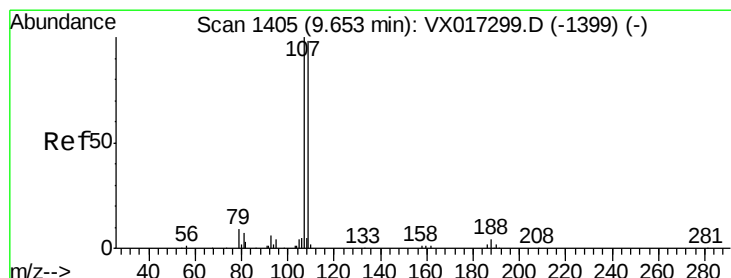
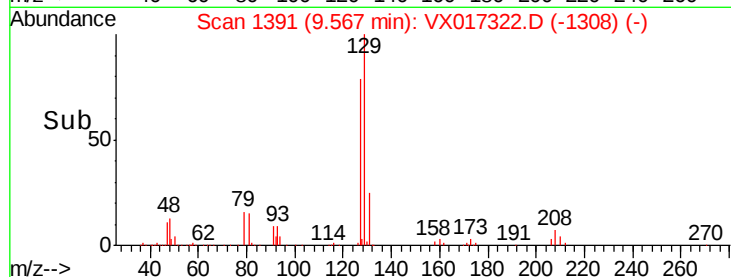
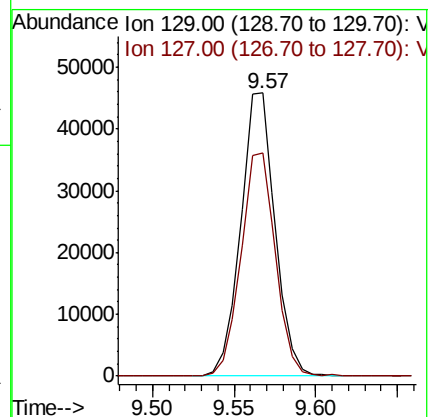
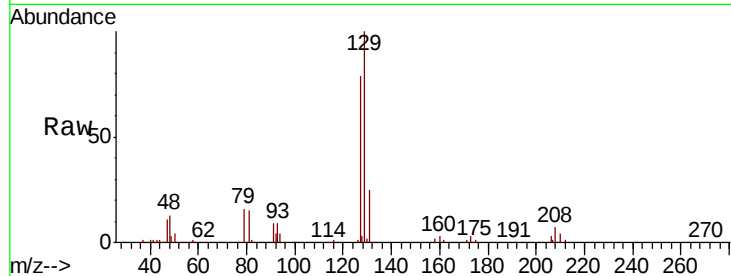
VSTDCCC020EC

Tot Ion:129 Resp: 67319

Ion Ratio Lower Upper

129 100

127 79.0 37.5 112.5



#54

1,2-Dibromoethane

Concen: 20.815 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017322.D

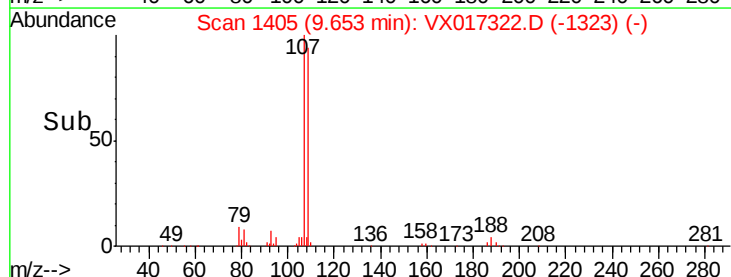
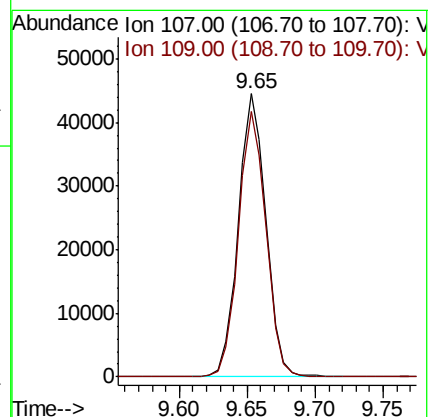
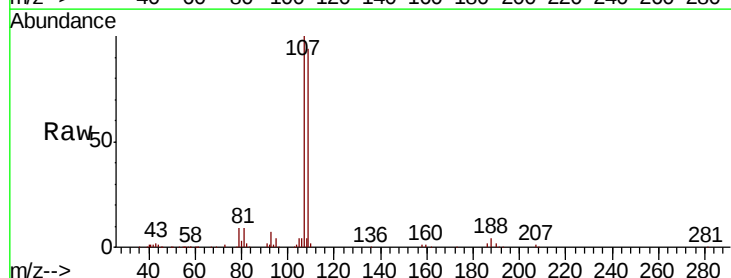
Acq: 09 Jul 2020 20:44

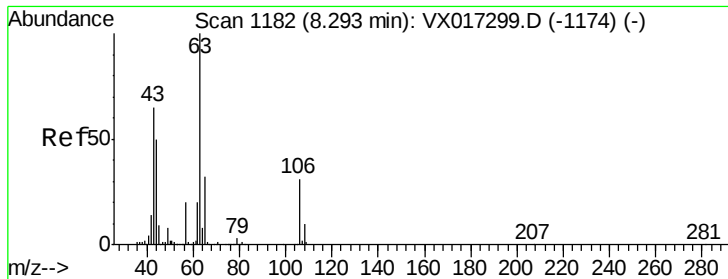
Tgt Ion:107 Resp: 62688

Ion Ratio Lower Upper

107 100

109 93.6 76.9 115.3





#55

2-Chloroethyl vinyl ether

Concen: 118.213 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX017322.D

Acq: 09 Jul 2020 20:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

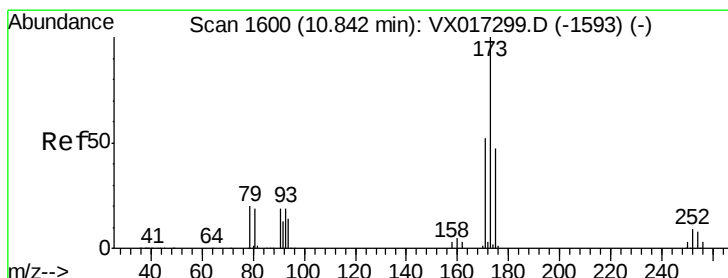
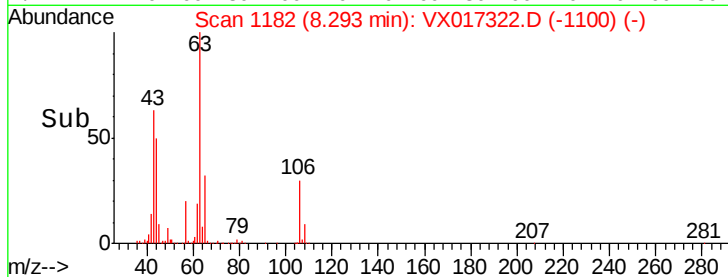
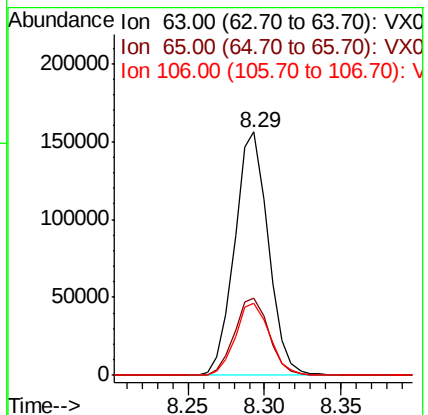
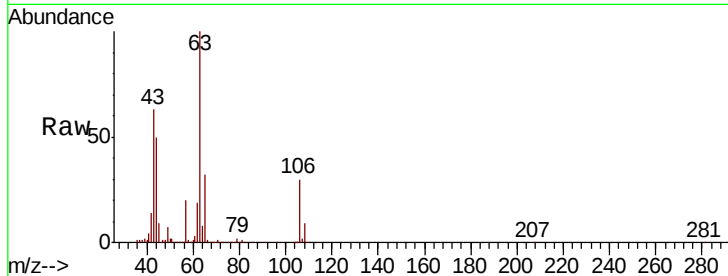
Tot Ion: 63 Resp: 238261

Ion Ratio Lower Upper

63 100

65 32.4 25.4 38.0

106 30.4 24.5 36.7



#56

Bromoform

Concen: 19.648 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017322.D

Acq: 09 Jul 2020 20:44

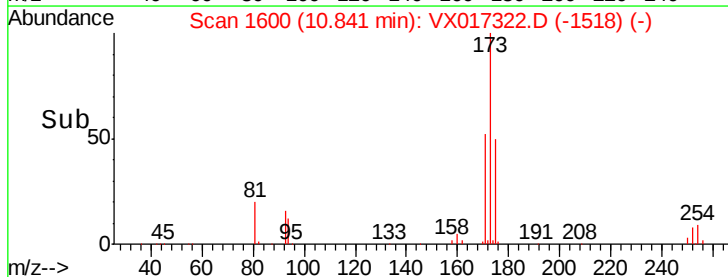
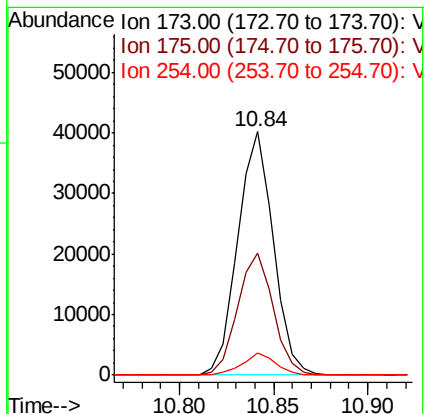
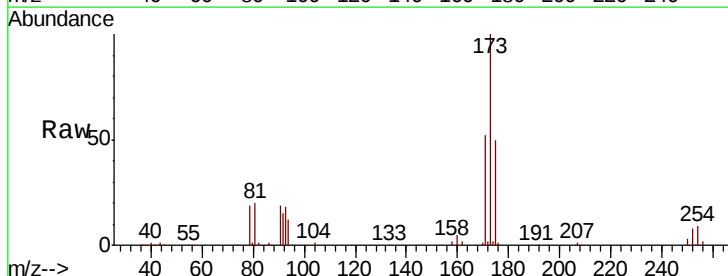
Tgt Ion: 173 Resp: 52700

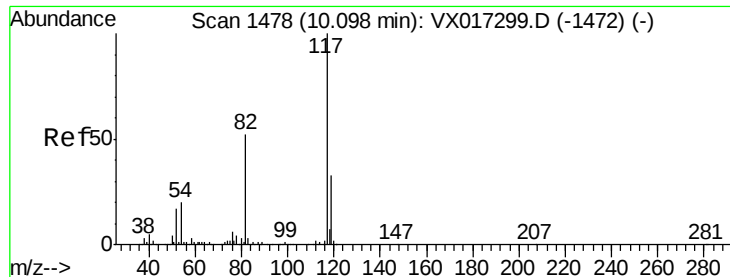
Ion Ratio Lower Upper

173 100

175 50.0 38.4 57.6

254 8.6 7.0 10.4

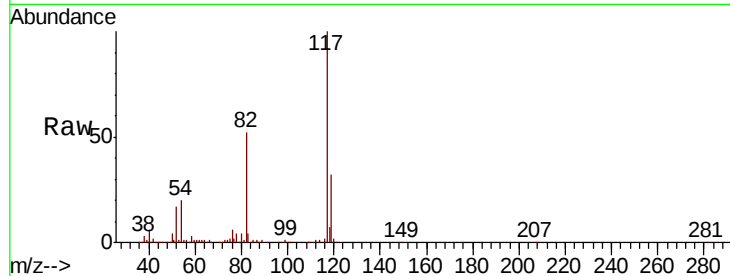




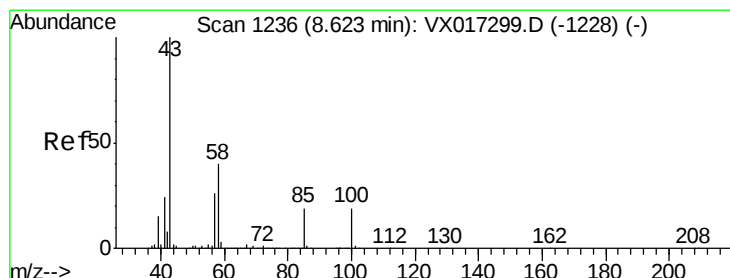
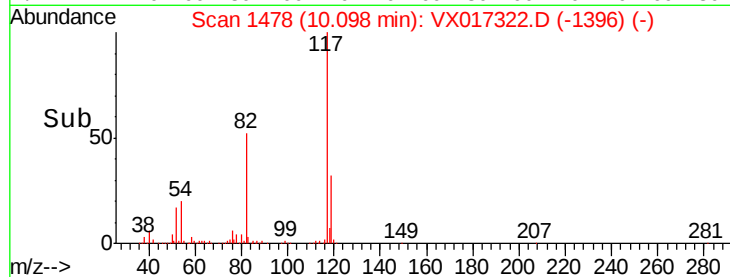
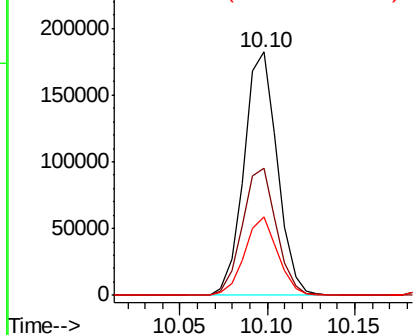
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017322.D
Acq: 09 Jul 2020 20:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:117 Resp: 240939
Ion Ratio Lower Upper
117 100
82 53.4 42.2 63.4
119 31.9 26.4 39.6

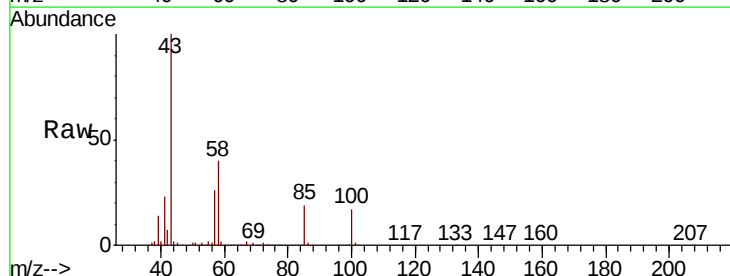


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 119.00 (118.70 to 119.70): V

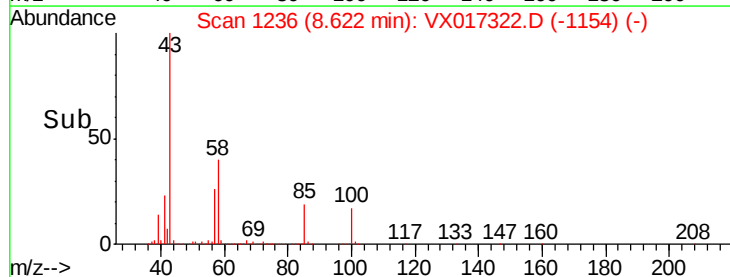
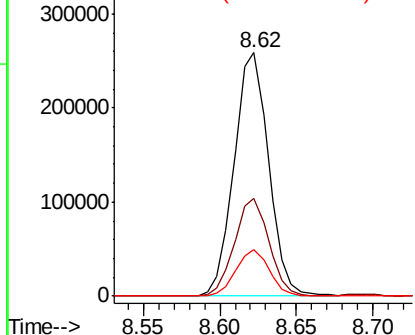


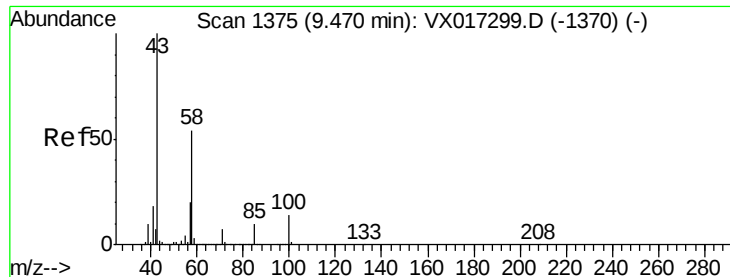
#58
4-Methyl-2-Pentanone
Concen: 106.175 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX017322.D
Acq: 09 Jul 2020 20:44

Tgt Ion: 43 Resp: 405346
Ion Ratio Lower Upper
43 100
58 40.1 32.2 48.2
85 18.6 14.8 22.2



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0
Ion 85.00 (84.70 to 85.70): VX0

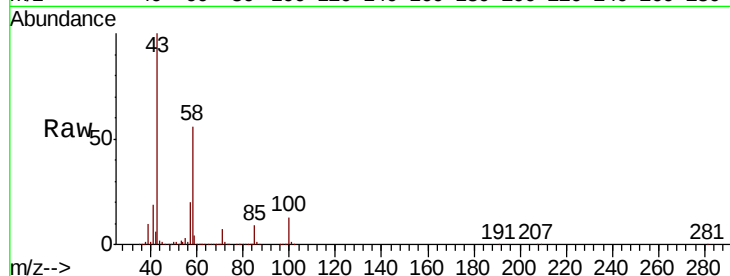




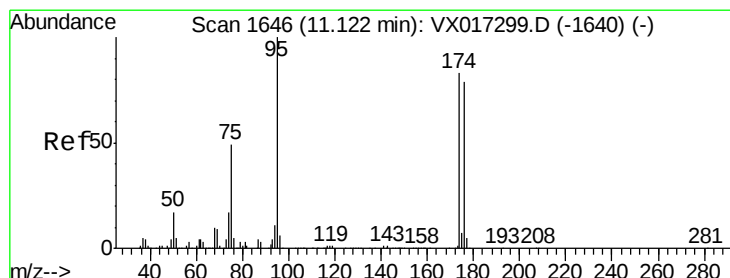
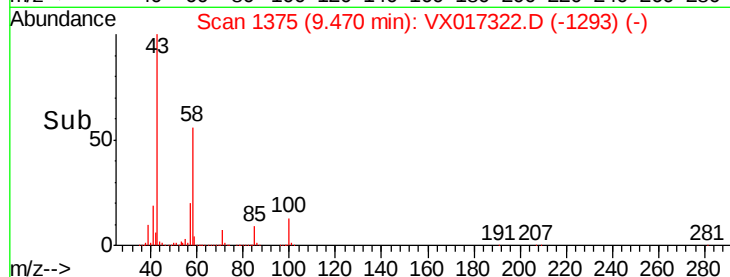
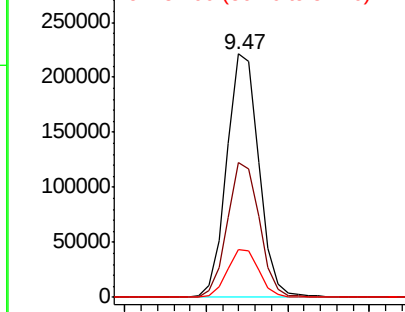
#59
2-Hexanone
Concen: 103.997 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX017322.D
Acq: 09 Jul 2020 20:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion: 43 Resp: 302660
Ion Ratio Lower Upper
43 100
58 55.4 43.4 65.0
57 19.6 15.1 22.7

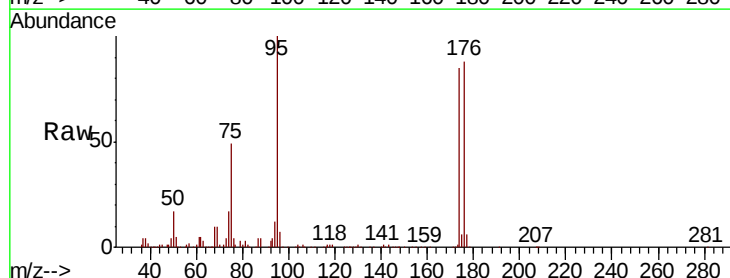


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0
Ion 57.00 (56.70 to 57.70): VX0

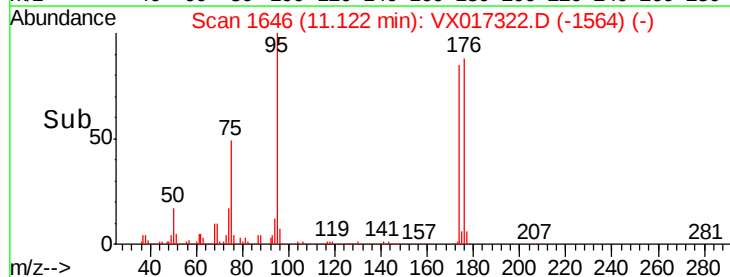
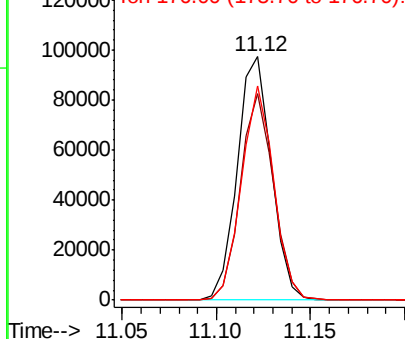


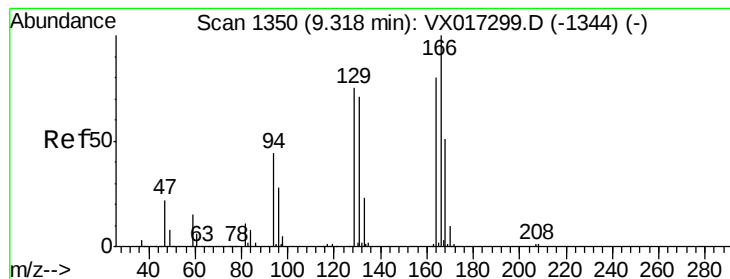
#60
4-Bromofluorobenzene
Concen: 29.744 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX017322.D
Acq: 09 Jul 2020 20:44

Tgt Ion: 95 Resp: 122262
Ion Ratio Lower Upper
95 100
174 82.6 66.9 100.3
176 83.4 65.5 98.3



Abundance Ion 95.00 (94.70 to 95.70): VX0
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V





#61

Tetrachloroethene

Concen: 18.460 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX017322.D

Acq: 09 Jul 2020 20:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:164 Resp: 56660

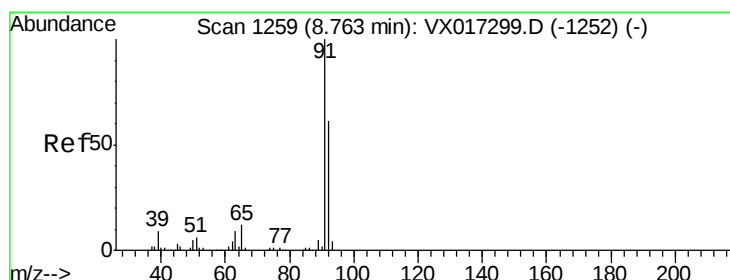
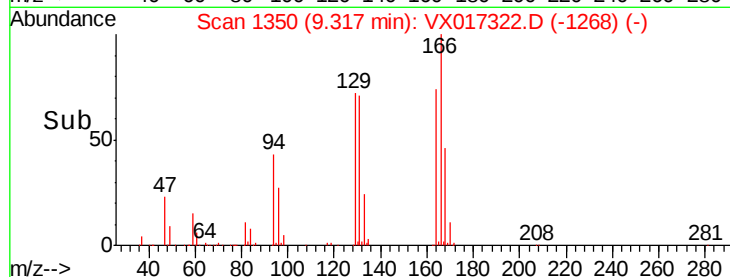
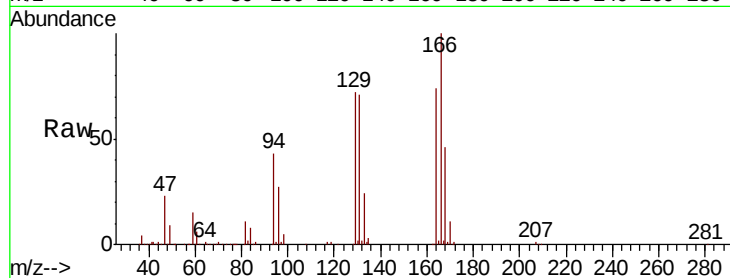
Ion Ratio Lower Upper

164 100

166 135.0 99.8 149.6

129 97.0 74.4 111.6

131 96.1 70.6 105.8



#62

Toluene

Concen: 19.280 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX017322.D

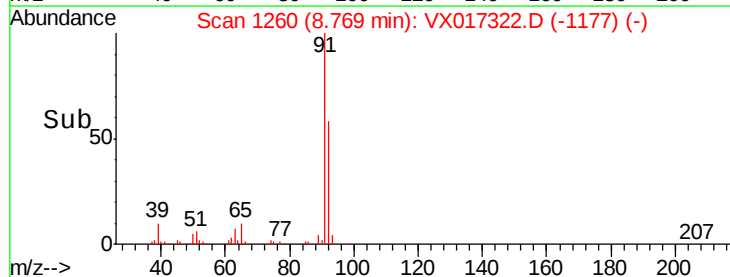
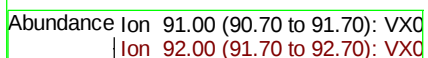
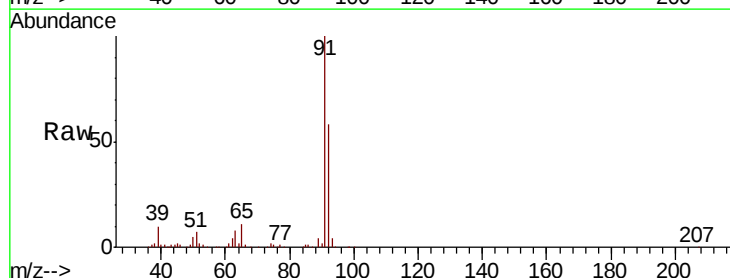
Acq: 09 Jul 2020 20:44

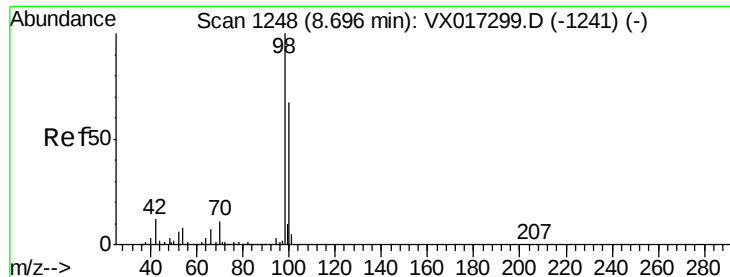
Tgt Ion: 91 Resp: 219907

Ion Ratio Lower Upper

91 100

92 57.8 47.2 70.8





#63

Toluene-d8

Concen: 30.205 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017322.D

Acq: 09 Jul 2020 20:44

Instrument :

MSVOA_X

ClientSampleId :

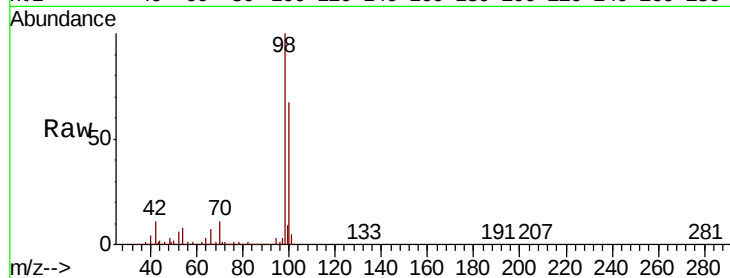
VSTDCCC020EC

Tot Ion: 98 Resp: 307835

Ion Ratio Lower Upper

98 100

100 66.8 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VX017299.D (-1241) (-)

Ion 100.00 (99.70 to 100.70): VX017299.D (-1241) (-)

8.70

200000

150000

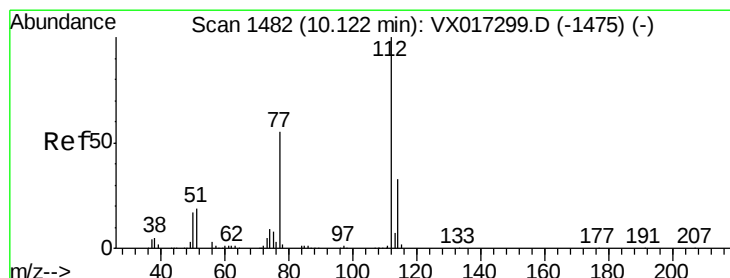
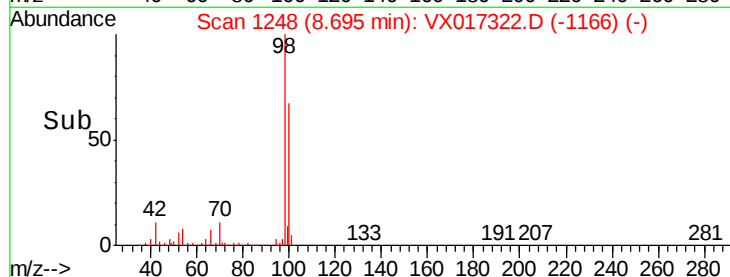
100000

50000

0

8.65 8.70 8.75

Time-->



#64

Chlorobenzene

Concen: 19.137 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX017322.D

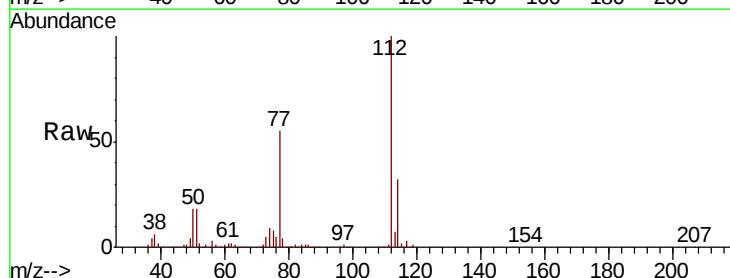
Acq: 09 Jul 2020 20:44

Tgt Ion: 112 Resp: 145636

Ion Ratio Lower Upper

112 100

114 31.8 26.2 39.2



Abundance Ion 112.00 (111.70 to 112.70): VX017299.D (-1475) (-)

Ion 114.00 (113.70 to 114.70): VX017299.D (-1475) (-)

10.12

120000

100000

80000

60000

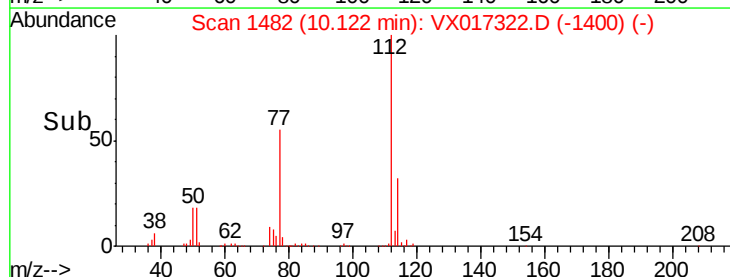
40000

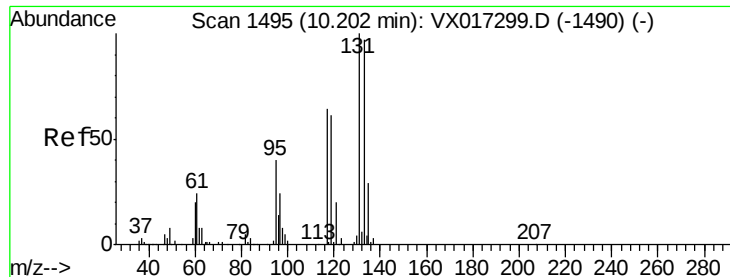
20000

0

10.05 10.10 10.15

Time-->





#65

1,1,1,2-Tetrachloroethane

Concen: 19.146 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.00 min

Lab File: VX017322.D

Acq: 09 Jul 2020 20:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

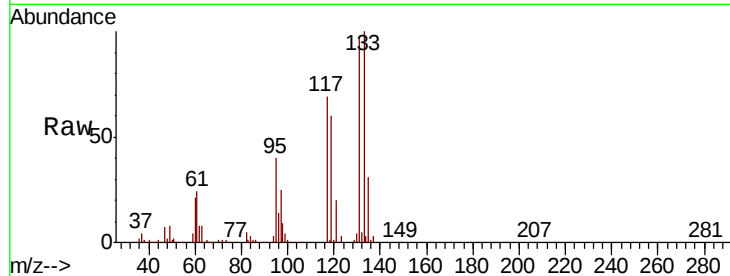
Tot Ion:131 Resp: 59531

Ion Ratio Lower Upper

131 100

133 98.1 0.0 196.8

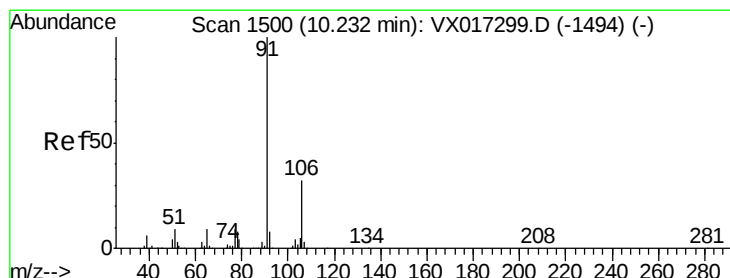
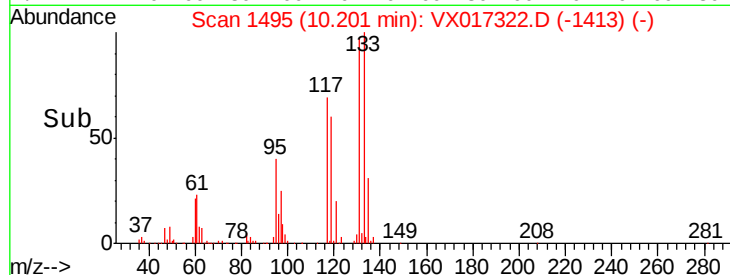
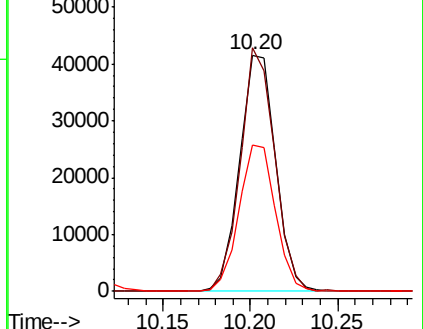
119 62.7 0.0 126.0



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 18.440 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX017322.D

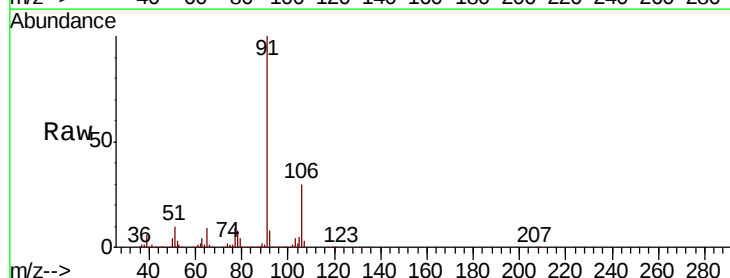
Acq: 09 Jul 2020 20:44

Tgt Ion: 91 Resp: 236695

Ion Ratio Lower Upper

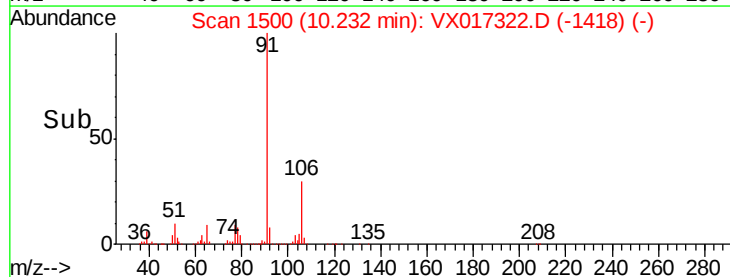
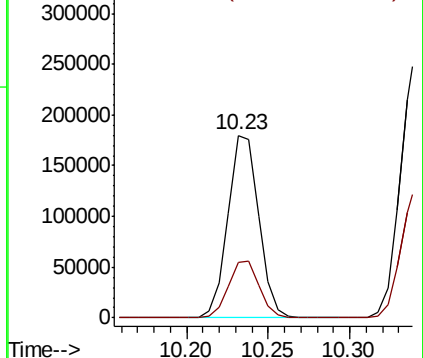
91 100

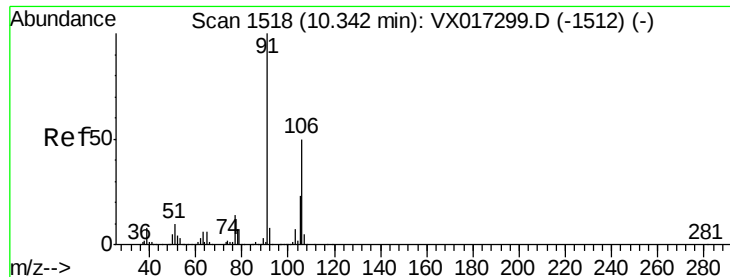
106 30.3 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

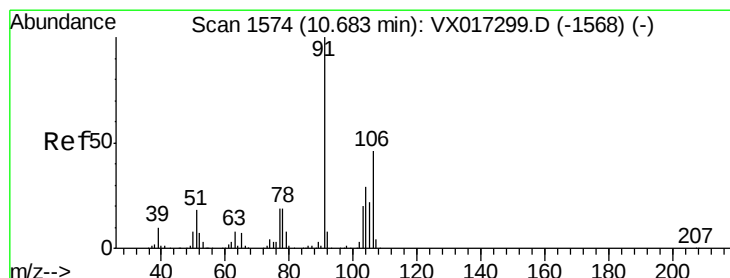
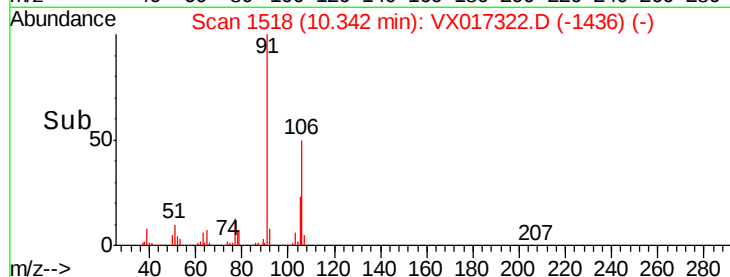
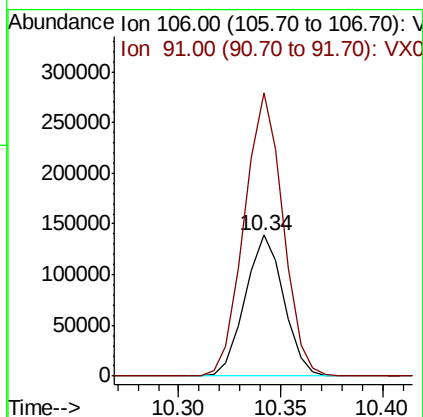
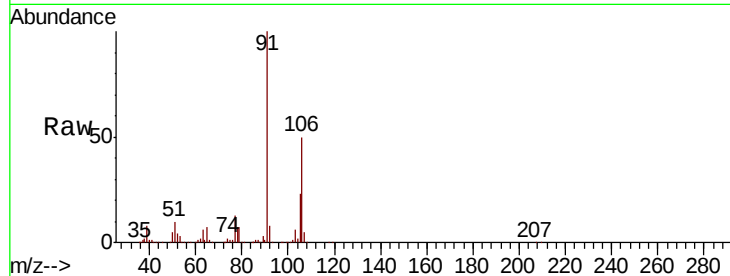




#67
m/p-Xylenes
Concen: 36.995 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017322.D
Acq: 09 Jul 2020 20:44

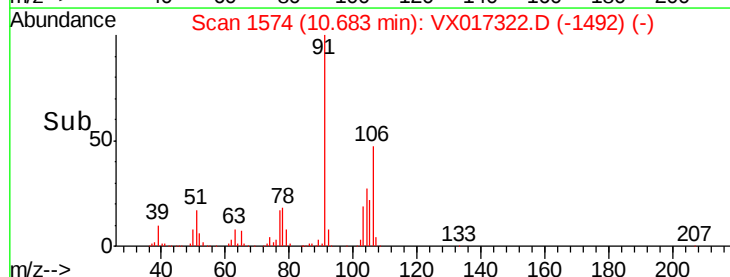
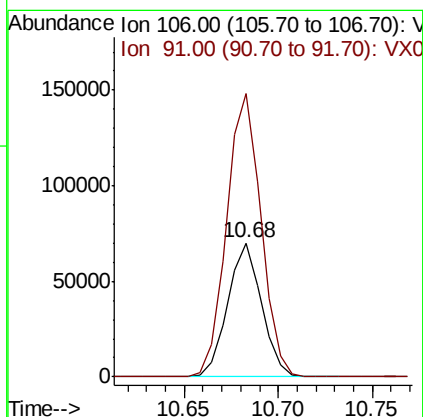
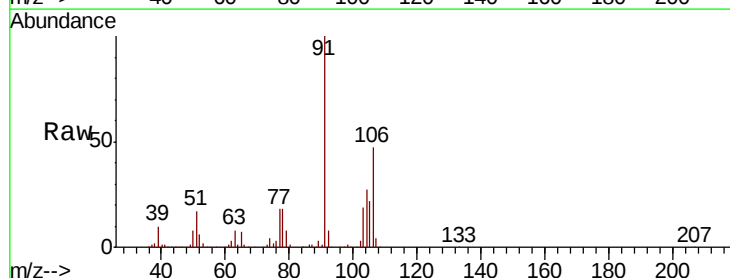
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

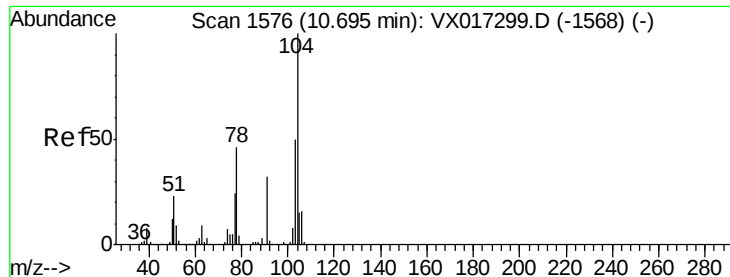
Tot Ion:106 Resp: 183451
Ion Ratio Lower Upper
106 100
91 201.2 159.7 239.5



#68
o-Xylene
Concen: 18.443 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017322.D
Acq: 09 Jul 2020 20:44

Tgt Ion:106 Resp: 86906
Ion Ratio Lower Upper
106 100
91 215.3 109.6 328.8

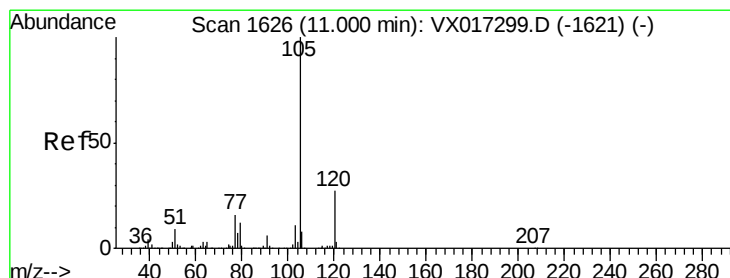
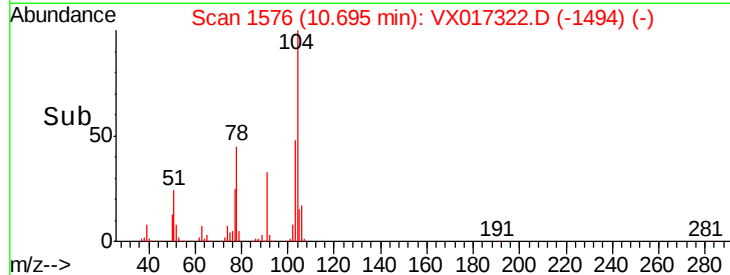
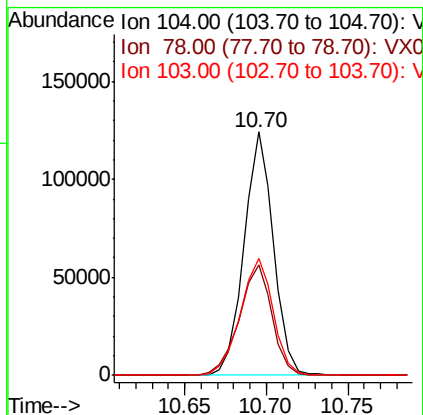
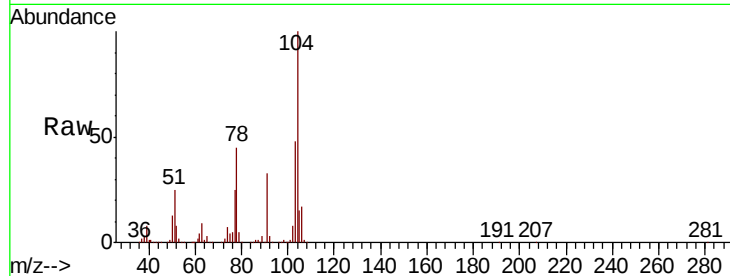




#69
Stvrene
Concen: 18.687 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017322.D
Acq: 09 Jul 2020 20:44

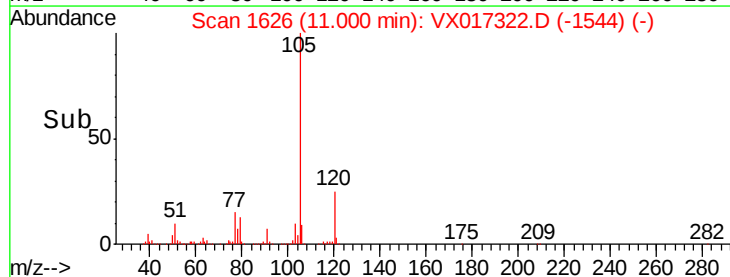
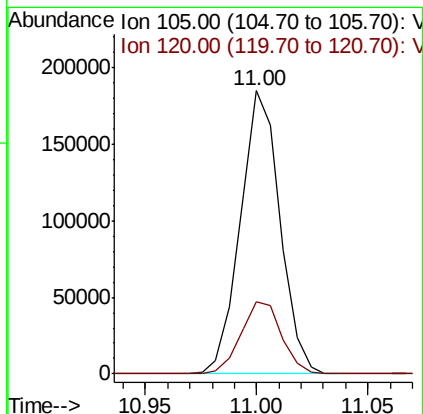
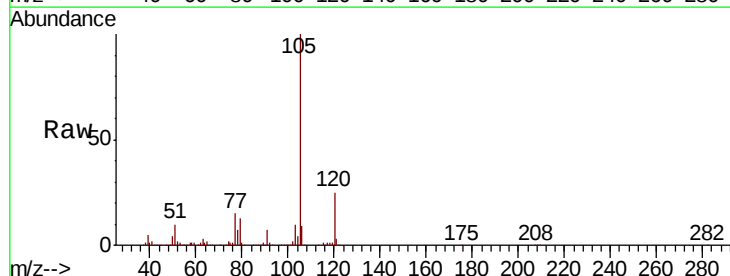
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

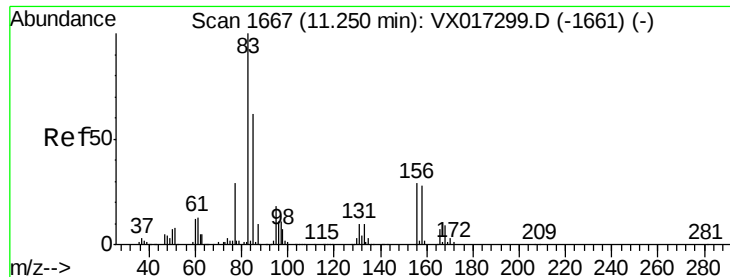
Tot Ion:104 Resp: 156169
Ion Ratio Lower Upper
104 100
78 50.4 40.8 61.2
103 54.0 44.3 66.5



#70
Isopropylbenzene
Concen: 17.736 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VX017322.D
Acq: 09 Jul 2020 20:44

Tgt Ion:105 Resp: 229266
Ion Ratio Lower Upper
105 100
120 26.3 19.3 35.8

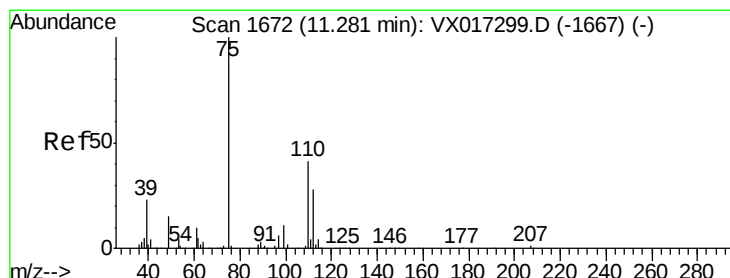
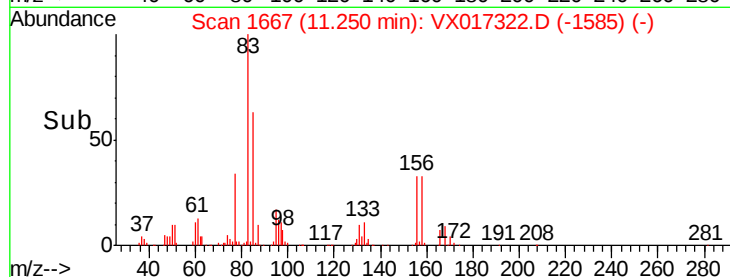
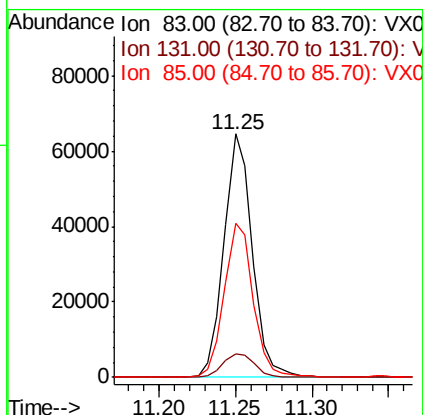
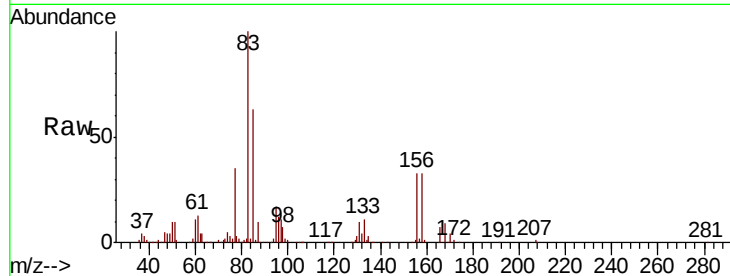




#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.492 ug/l
 RT: 11.25 min Scan# 1667
 Delta R.T. -0.00 min
 Lab File: VX017322.D
 Acq: 09 Jul 2020 20:44

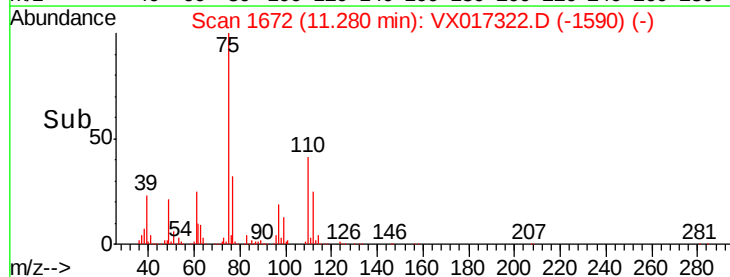
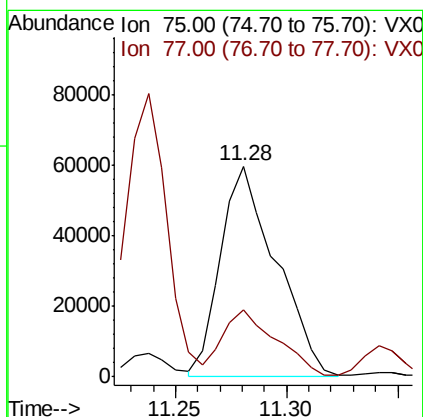
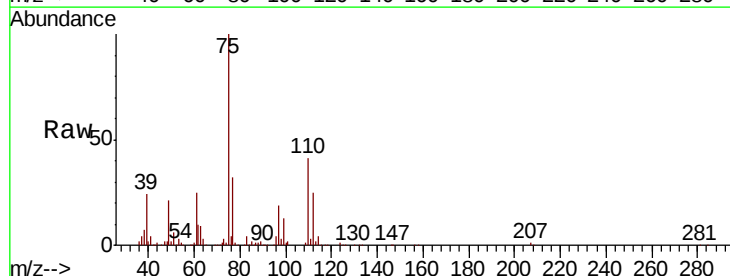
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

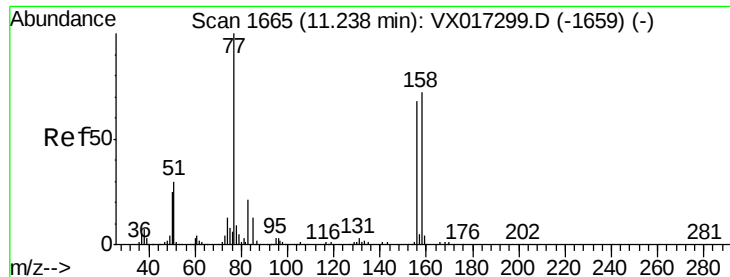
Tot Ion: 83 Resp: 83071
 Ion Ratio Lower Upper
 83 100
 131 10.7 5.5 16.5
 85 64.7 31.5 94.5



#72
 1,2,3-Trichloropropane
 Concen: 26.102 ug/l
 RT: 11.28 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: VX017322.D
 Acq: 09 Jul 2020 20:44

Tgt Ion: 75 Resp: 103941
 Ion Ratio Lower Upper
 75 100
 77 31.1 0.0 72.2





#73

Bromobenzene

Concen: 19.549 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017322.D

Acq: 09 Jul 2020 20:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

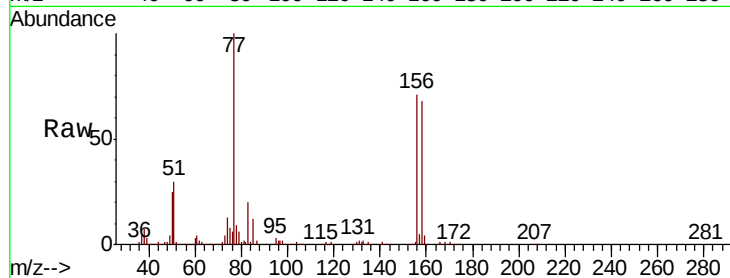
Tot Ion:156 Resp: 70995

Ion Ratio Lower Upper

156 100

77 146.0 0.0 299.2

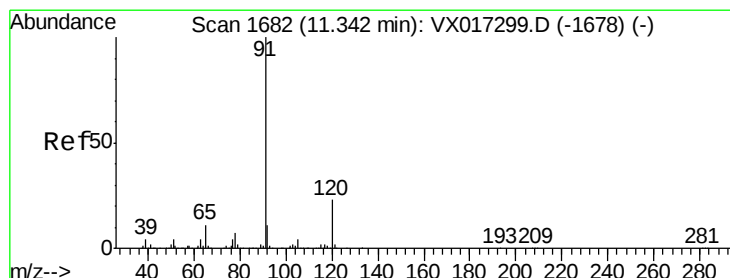
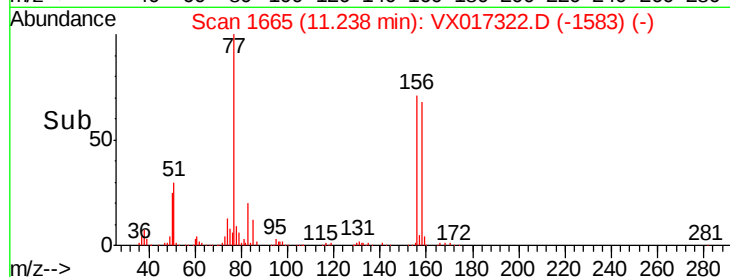
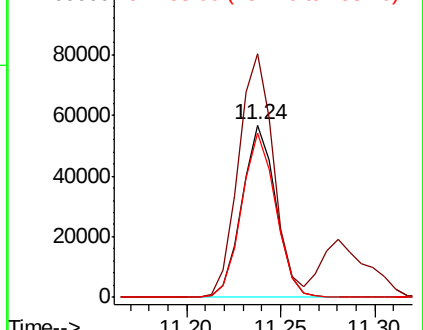
158 96.1 0.0 199.0



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 17.183 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017322.D

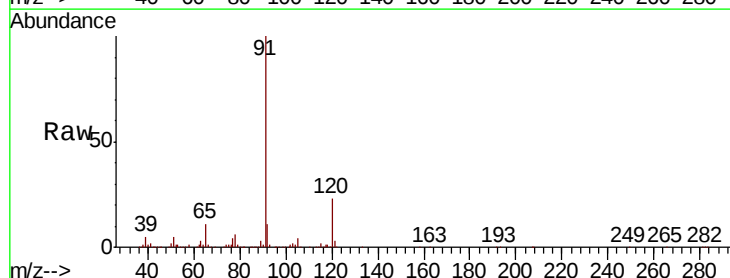
Acq: 09 Jul 2020 20:44

Tgt Ion: 91 Resp: 257307

Ion Ratio Lower Upper

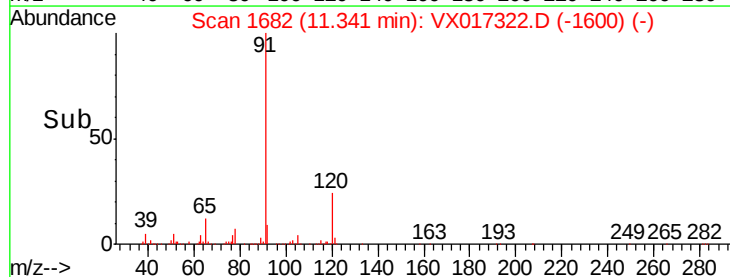
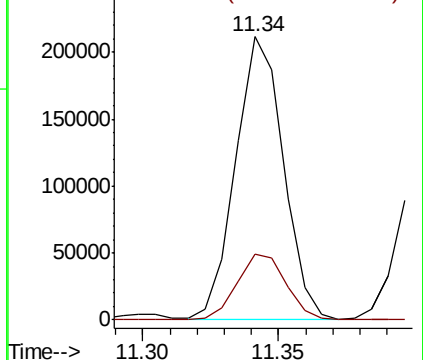
91 100

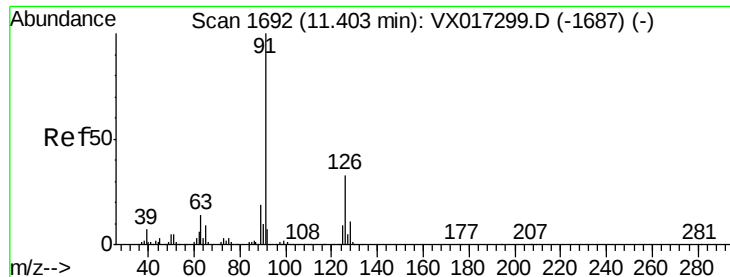
120 24.0 0.0 48.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 18.629 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017322.D

Acq: 09 Jul 2020 20:44

Instrument :

MSVOA_X

ClientSampleId :

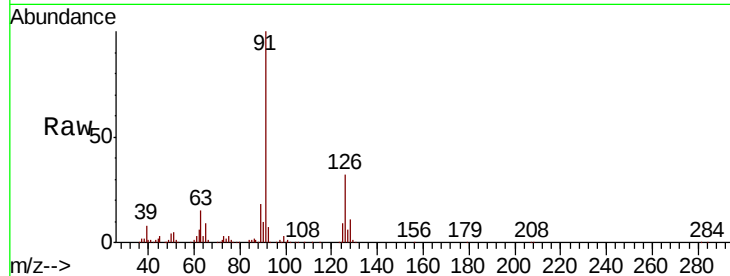
VSTDCCC020EC

Tot Ion: 91 Resp: 170058

Ion Ratio Lower Upper

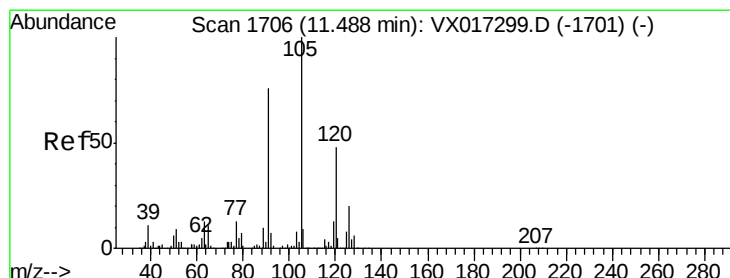
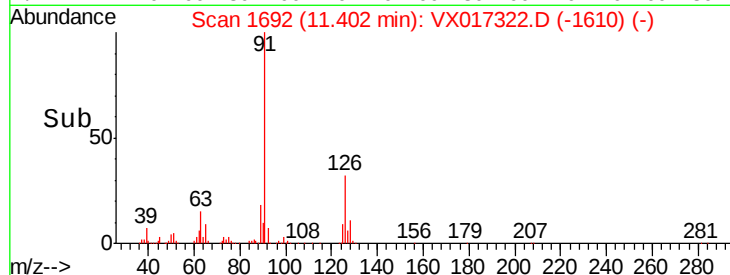
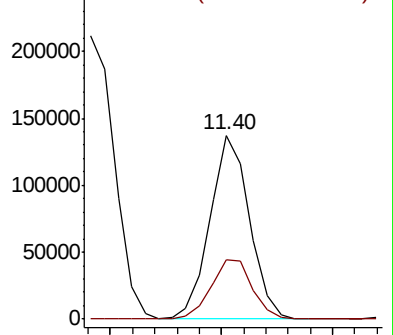
91 100

126 34.0 0.0 68.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 17.863 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX017322.D

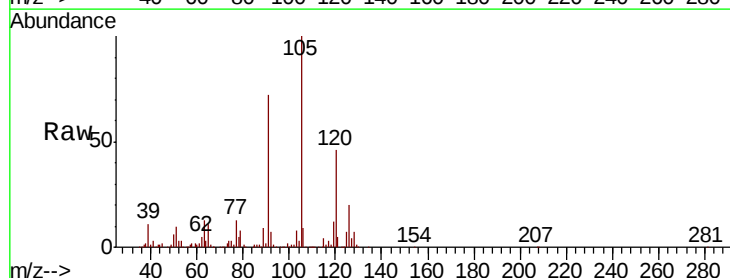
Acq: 09 Jul 2020 20:44

Tgt Ion:105 Resp: 198096

Ion Ratio Lower Upper

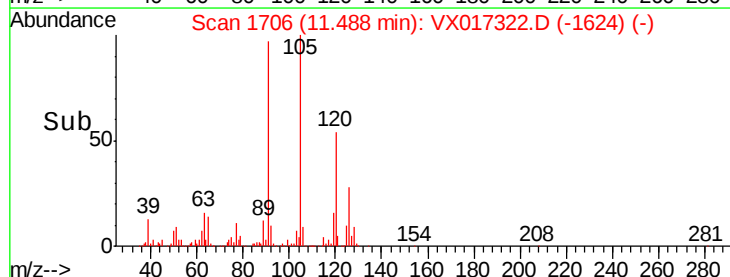
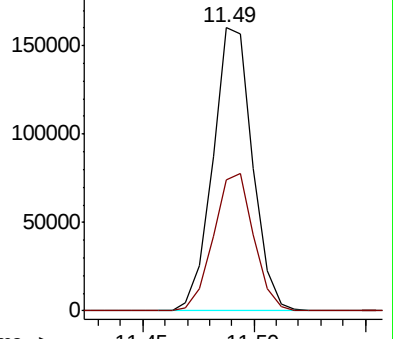
105 100

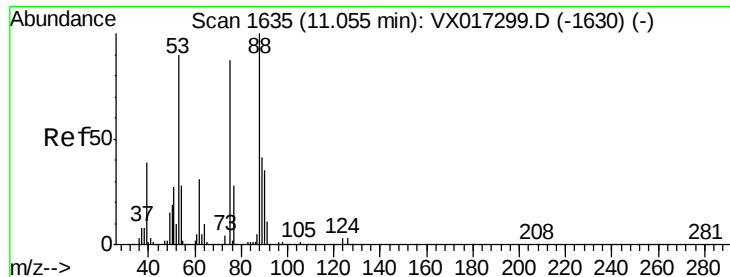
120 49.3 0.0 98.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#77

t-1,4-Dichloro-2-butene

Concen: 18.476 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX017322.D

Acq: 09 Jul 2020 20:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

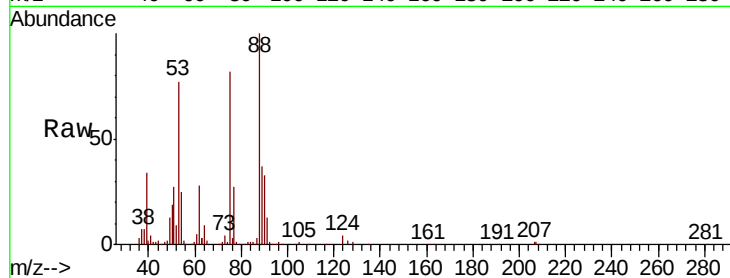
Tot Ion: 75 Resp: 28054

Ion Ratio Lower Upper

75 100

53 93.6 52.1 156.3

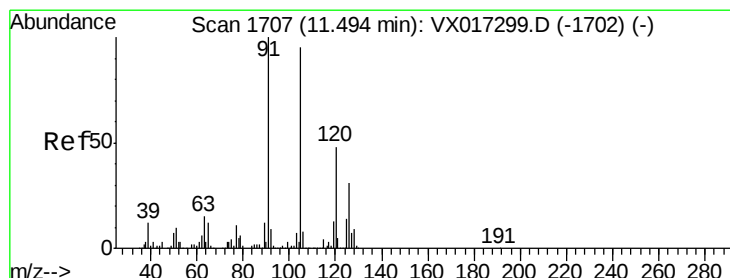
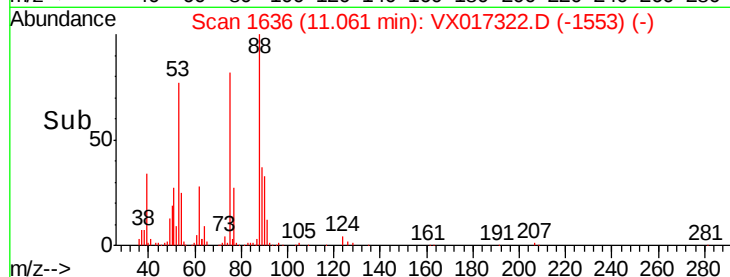
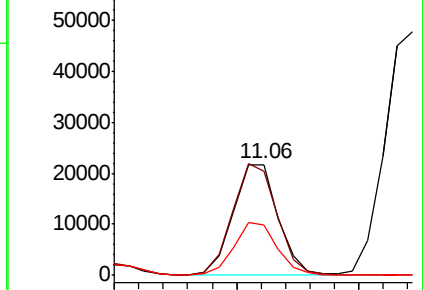
89 45.2 23.7 71.1



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 18.522 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017322.D

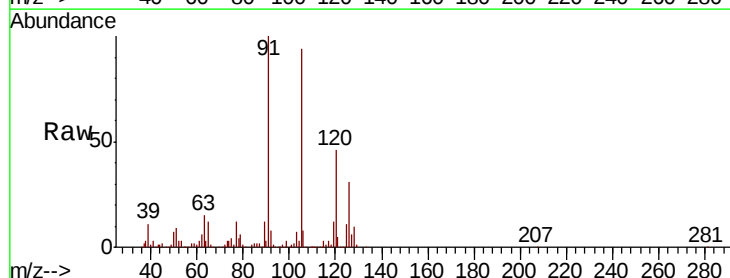
Acq: 09 Jul 2020 20:44

Tgt Ion: 91 Resp: 200439

Ion Ratio Lower Upper

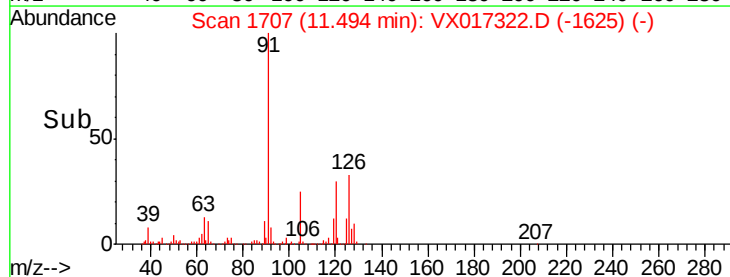
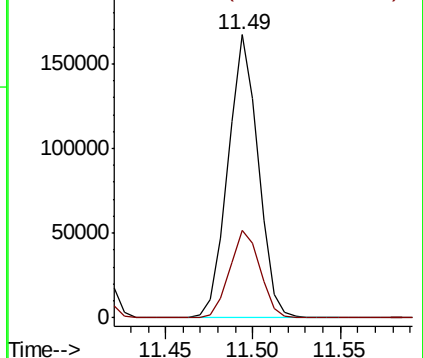
91 100

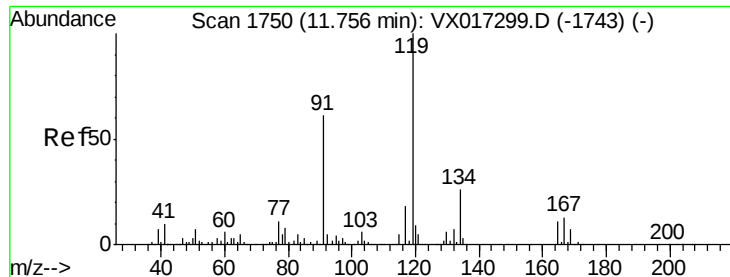
126 31.1 0.0 61.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

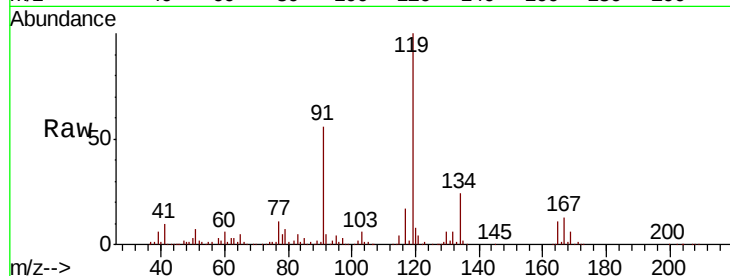




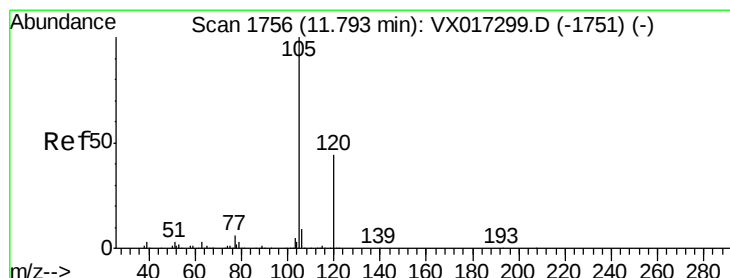
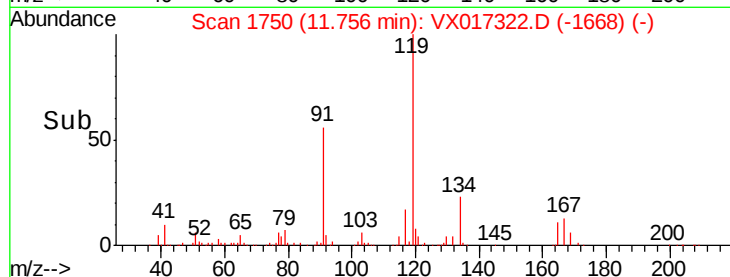
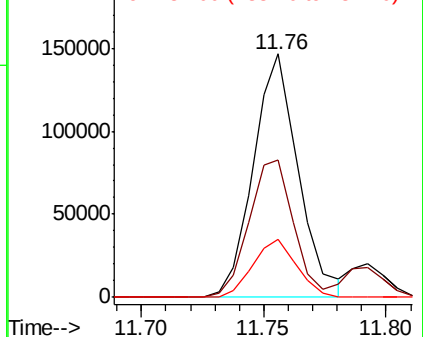
#79
tert-butylbenzene
Concen: 17.467 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX017322.D
Acq: 09 Jul 2020 20:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	56.0	0.0	113.6
134	23.3	0.0	48.0

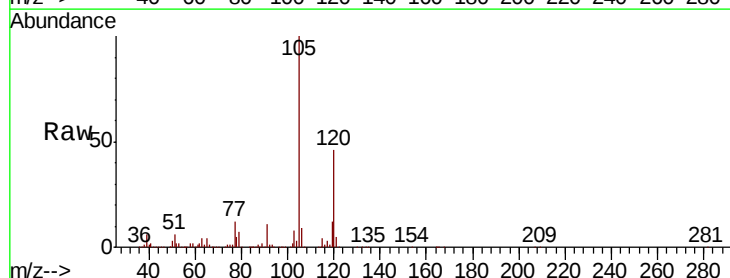


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V

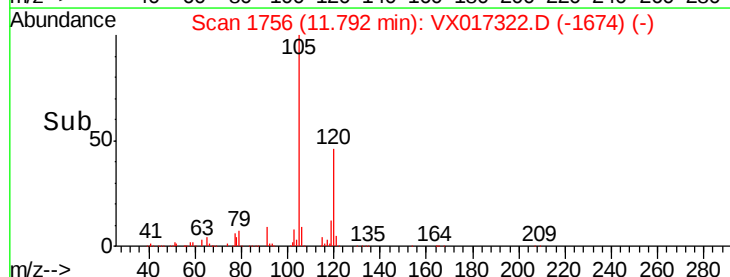
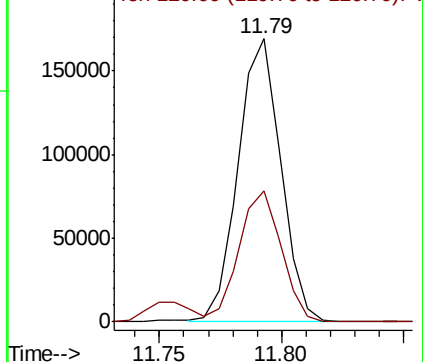


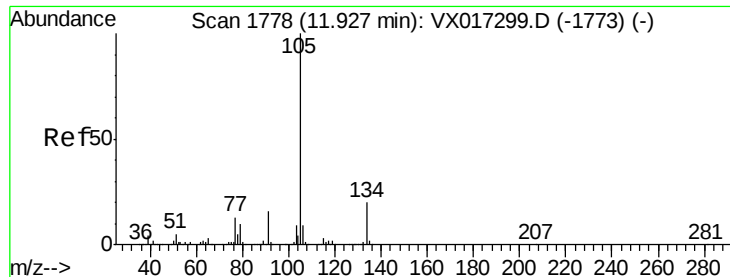
#80
1,2,4-Trimethylbenzene
Concen: 18.439 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX017322.D
Acq: 09 Jul 2020 20:44

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.9	0.0	93.6



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

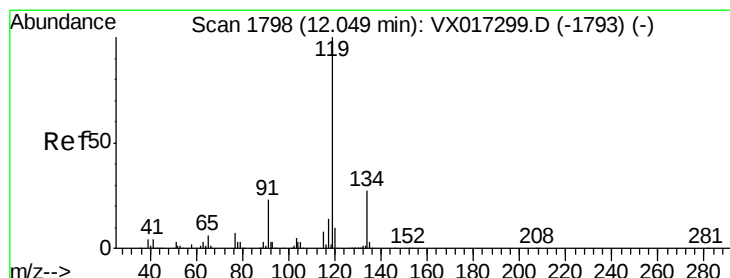
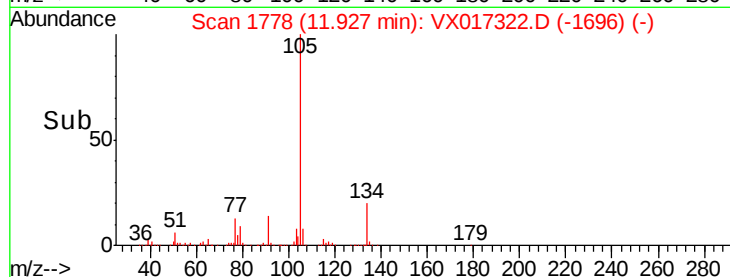
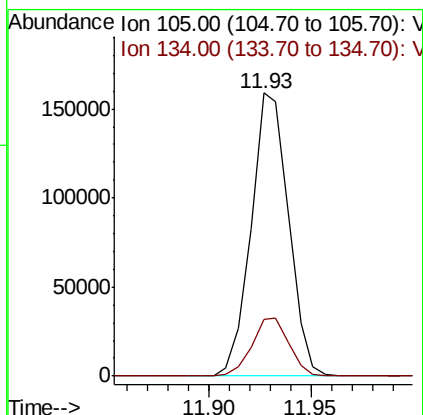
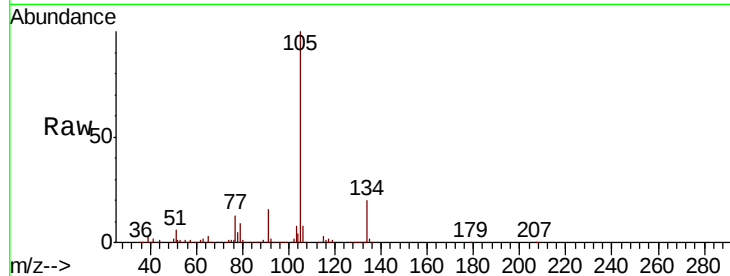




#81
 sec-Butylbenzene
 Concen: 16.372 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX017322.D
 Acq: 09 Jul 2020 20:44

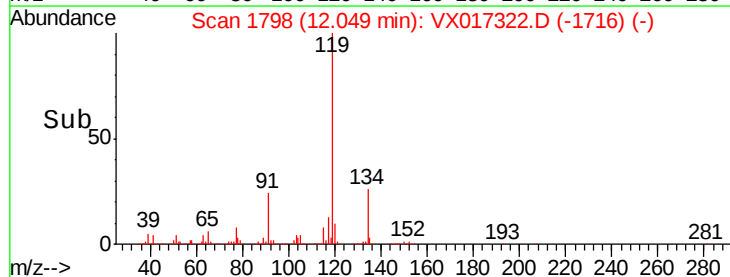
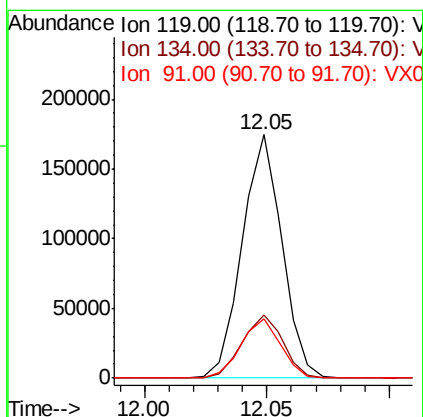
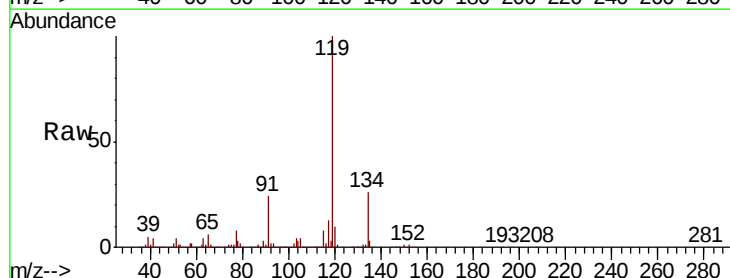
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

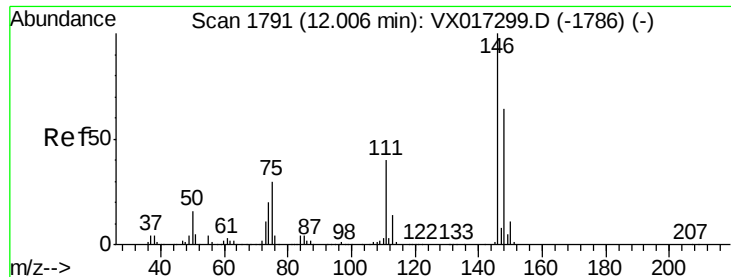
Tot Ion:105 Resp: 203077
 Ion Ratio Lower Upper
 105 100
 134 20.5 0.0 41.8



#82
 p-Isopropyltoluene
 Concen: 16.723 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017322.D
 Acq: 09 Jul 2020 20:44

Tgt Ion:119 Resp: 196146
 Ion Ratio Lower Upper
 119 100
 134 27.0 0.0 53.6
 91 24.5 0.0 48.0

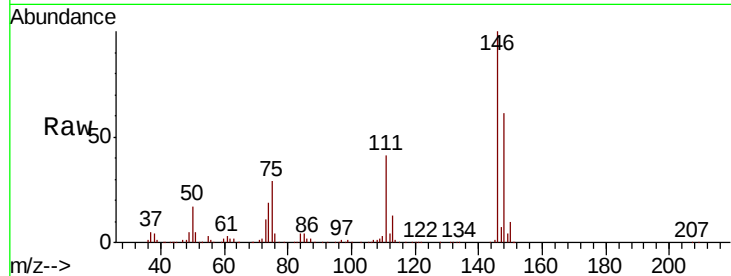




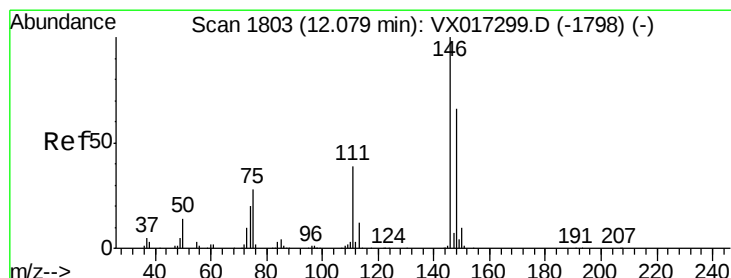
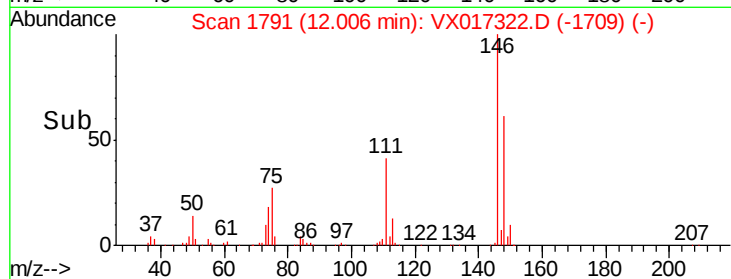
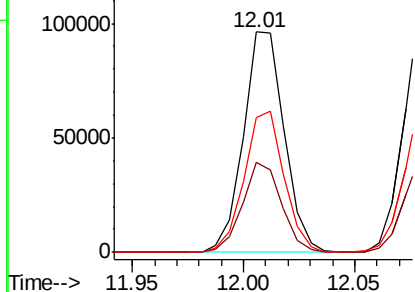
#83
 1,3-Dichlorobenzene
 Concen: 18.928 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX017322.D
 Acq: 09 Jul 2020 20:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.5	58.5
148	62.5	31.8	95.3

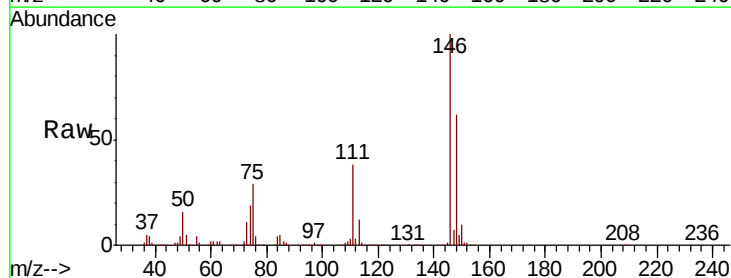


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

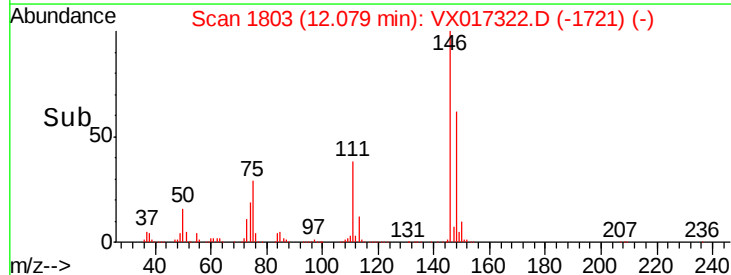
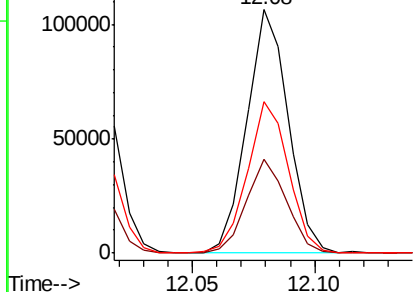


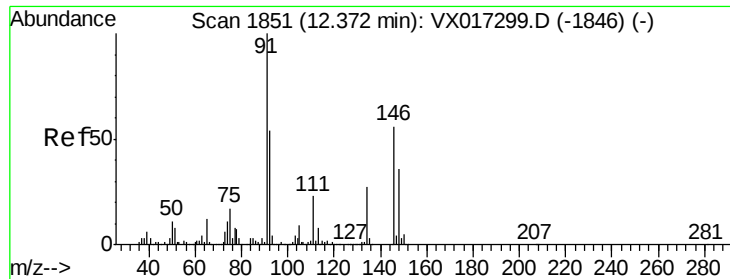
#84
 1,4-Dichlorobenzene
 Concen: 19.002 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017322.D
 Acq: 09 Jul 2020 20:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	19.1	57.3
148	62.1	32.6	97.8



Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

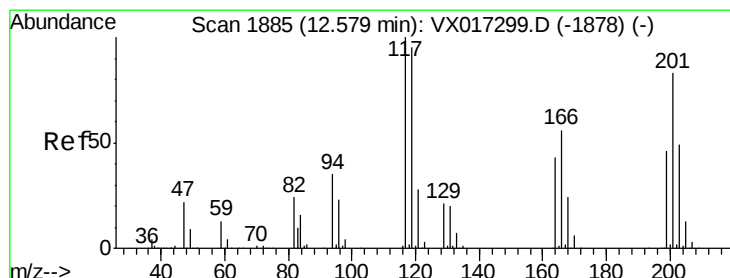
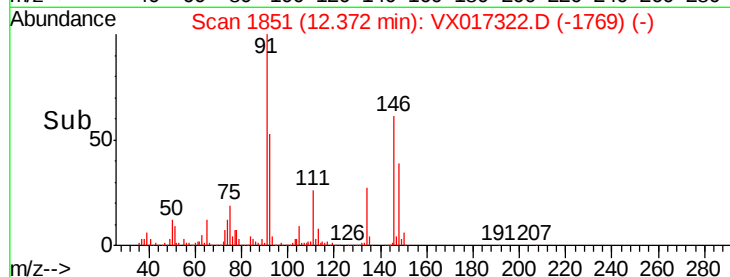
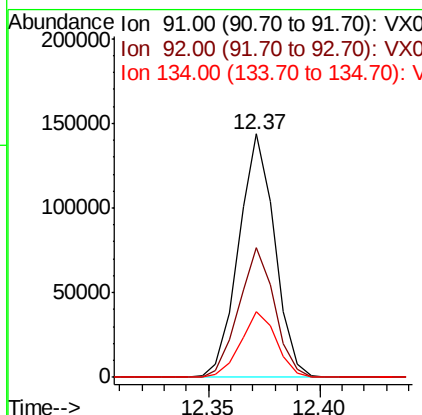
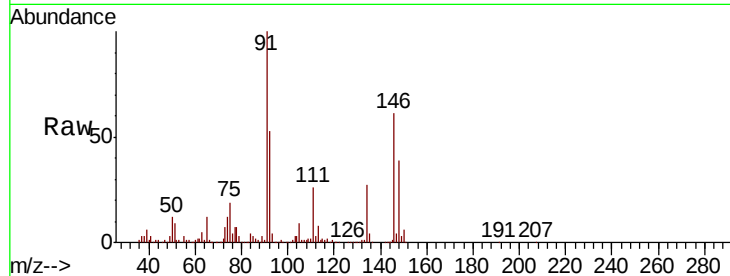




#85
n-Butylbenzene
Concen: 16.376 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017322.D
Acq: 09 Jul 2020 20:44

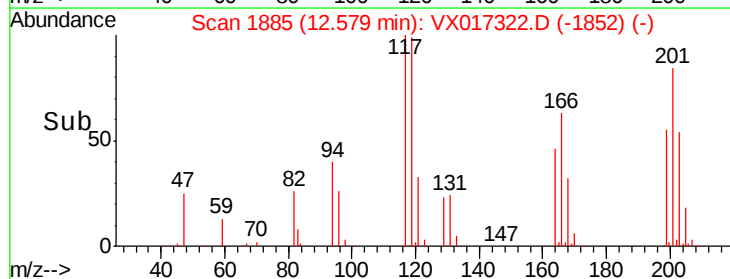
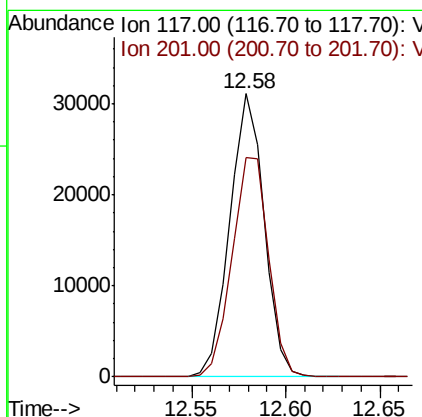
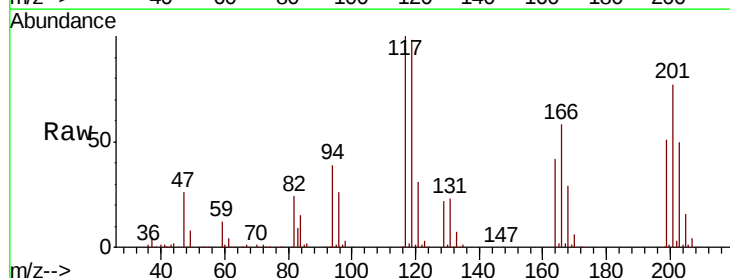
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

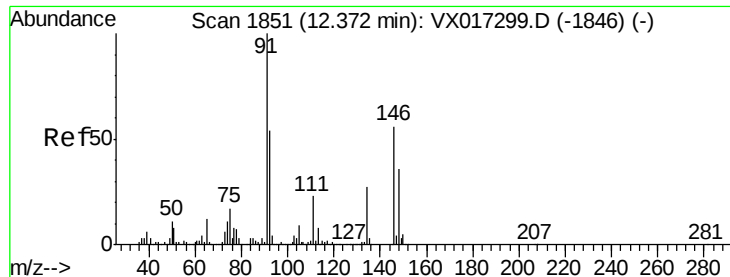
Tot Ion: 91 Resp: 162291
Ion Ratio Lower Upper
91 100
92 52.9 0.0 108.2
134 26.8 0.0 54.2



#86
Hexachloroethane
Concen: 17.331 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017322.D
Acq: 09 Jul 2020 20:44

Tgt Ion: 117 Resp: 39324
Ion Ratio Lower Upper
117 100
201 82.7 41.0 123.0

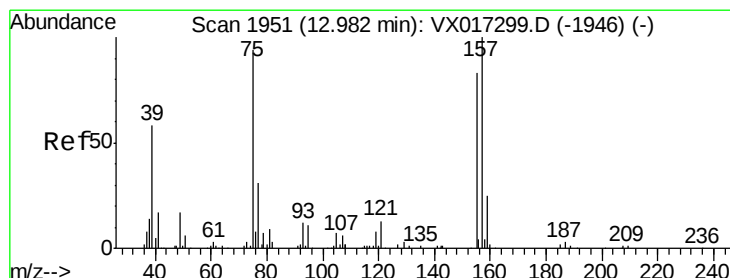
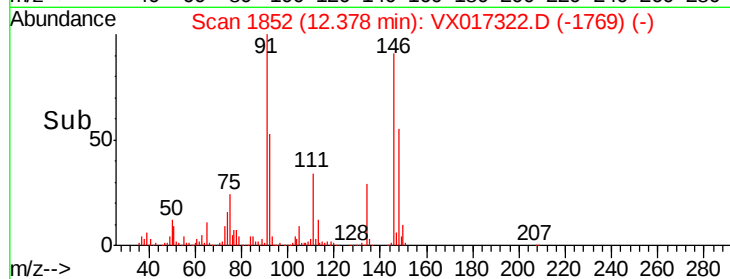
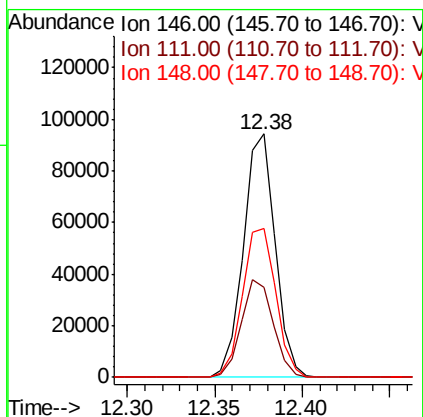
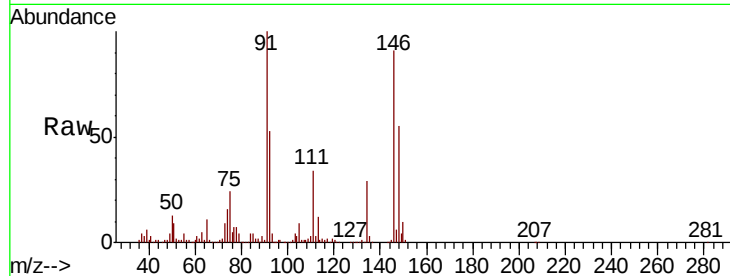




#87
 1,2-Dichlorobenzene
 Concen: 19.060 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.01 min
 Lab File: VX017322.D
 Acq: 09 Jul 2020 20:44

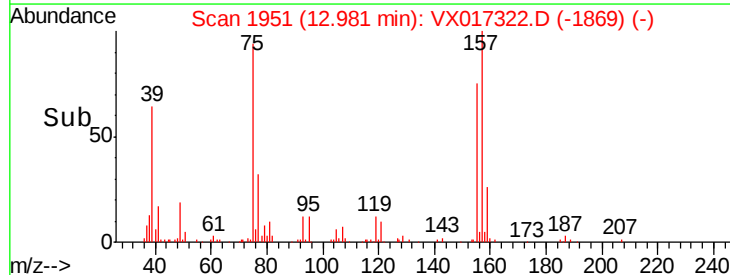
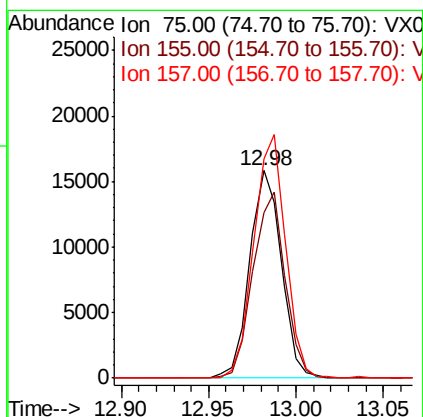
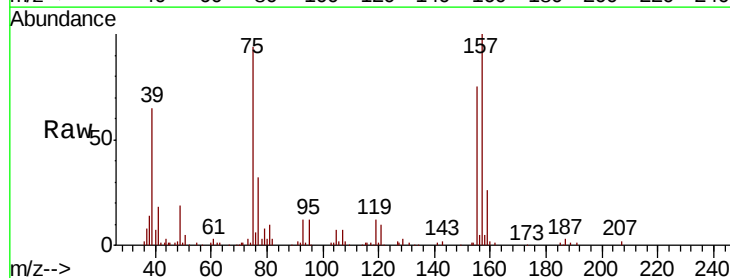
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

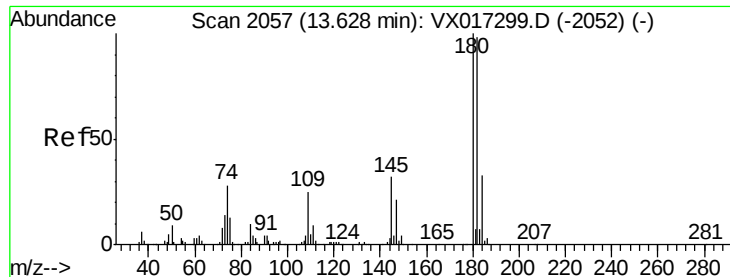
Tot Ion:146 Resp: 119121
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.6 61.9
 148 64.1 31.6 94.8



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 20.314 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX017322.D
 Acq: 09 Jul 2020 20:44

Tgt Ion: 75 Resp: 19952
 Ion Ratio Lower Upper
 75 100
 155 91.0 73.4 110.0
 157 117.2 90.5 135.7

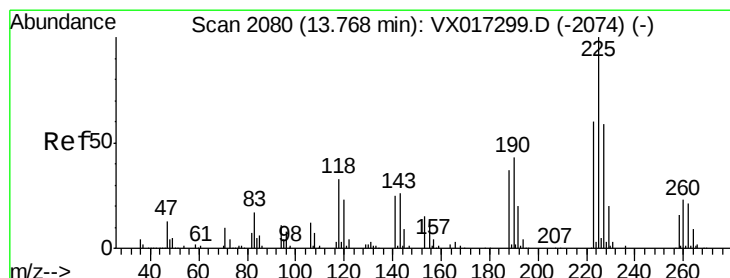
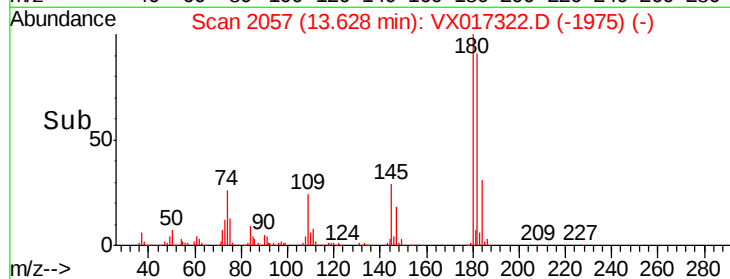
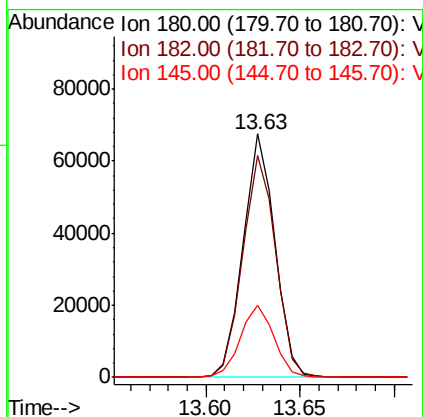
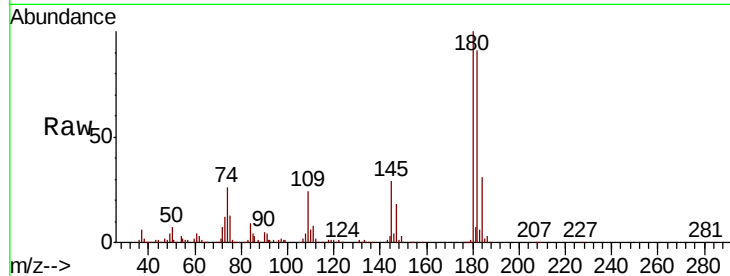




#89
 1,2,4-Trichlorobenzene
 Concen: 18.685 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017322.D
 Acq: 09 Jul 2020 20:44

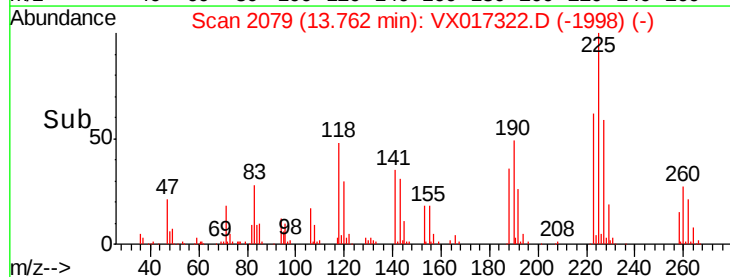
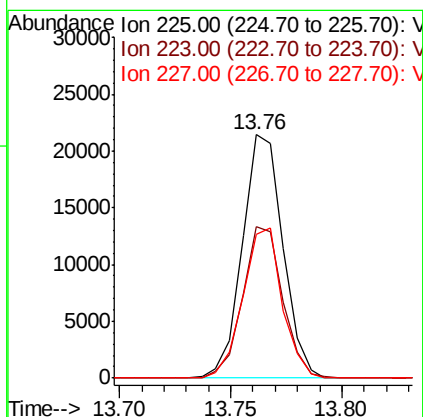
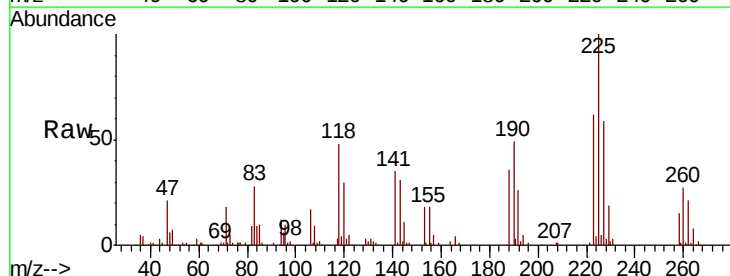
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

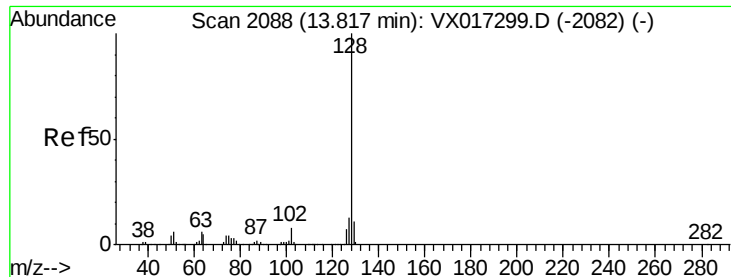
Tot Ion:180 Resp: 79204
 Ion Ratio Lower Upper
 180 100
 182 94.2 77.8 116.8
 145 31.2 25.0 37.4



#90
 Hexachlorobutadiene
 Concen: 16.070 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX017322.D
 Acq: 09 Jul 2020 20:44

Tgt Ion:225 Resp: 27325
 Ion Ratio Lower Upper
 225 100
 223 61.5 0.0 129.0
 227 59.7 0.0 124.4

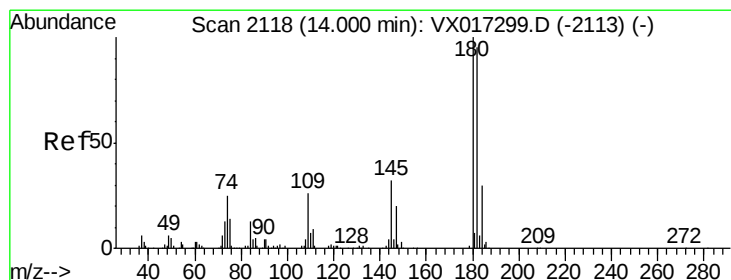
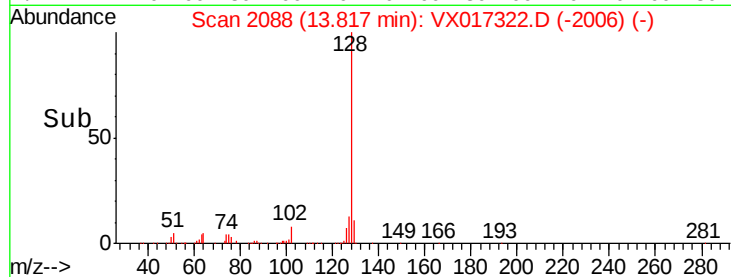
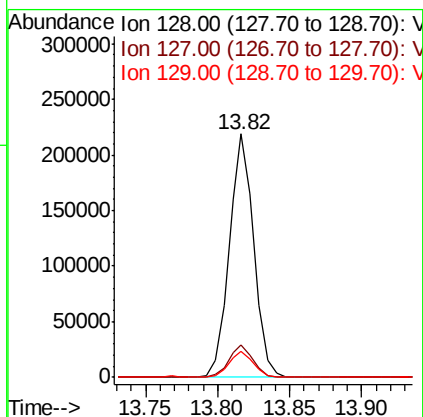
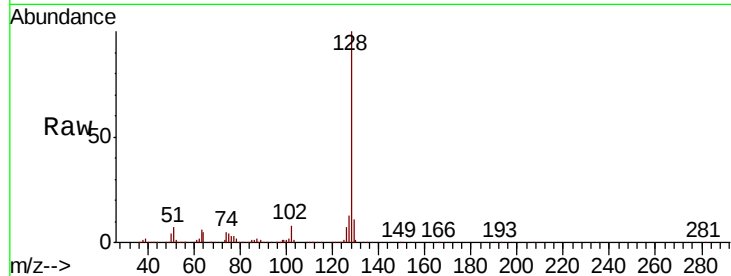




#91
Naphthalene
Concen: 20.073 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017322.D
Acq: 09 Jul 2020 20:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:128 Resp: 260860
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.7 9.0 13.4



#92
1,2,3-Trichlorobenzene
Concen: 19.067 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX017322.D
Acq: 09 Jul 2020 20:44

Tgt Ion:180 Resp: 80385
Ion Ratio Lower Upper
180 100
182 94.4 0.0 185.6
145 33.3 0.0 63.0

