

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072320\
 Data File : VX017483.D
 Acq On : 23 Jul 2020 10:30
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Quant Time: Jul 23 11:46:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 23 11:43:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	669443	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	894885	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	887223	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	480718	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	148517	17.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	34.72%	
35) Dibromofluoromethane	5.47	113	114150	18.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.60%	
50) Toluene-d8	8.70	98	408761	18.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.52%	
62) 4-Bromofluorobenzene	11.12	95	160836	18.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	123331	21.710	ug/l	99
3) Chloromethane	1.32	50	149440	22.347	ug/l	98
4) Vinyl Chloride	1.39	62	151678	23.178	ug/l	97
5) Bromomethane	1.63	94	93045	22.051	ug/l	97
6) Chloroethane	1.72	64	87653	21.323	ug/l	96
7) Trichlorofluoromethane	1.92	101	237071	21.831	ug/l	96
8) Diethyl Ether	2.17	74	79102	20.213	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	130968	21.077	ug/l	99
10) Methyl Iodide	2.49	142	172142	22.395	ug/l	99
11) Tert butyl alcohol	3.01	59	166708	110.077	ug/l	100
12) 1,1-Dichloroethene	2.36	96	125923	20.235	ug/l	90
13) Acrolein	2.27	56	125397	138.907	ug/l	99
14) Allyl chloride	2.71	41	232883	21.287	ug/l	99
15) Acrylonitrile	3.12	53	357027	100.580	ug/l	99
16) Acetone	2.42	43	326632	103.614	ug/l	99
17) Carbon Disulfide	2.55	76	373665	20.566	ug/l	98
18) Methyl Acetate	2.75	43	156683	20.145	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	424107	20.009	ug/l	100
20) Methylene Chloride	2.84	84	136037	18.223	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	133458	18.990	ug/l	97
22) Diisopropyl ether	3.82	45	425745	20.904	ug/l	94
23) Vinyl Acetate	3.79	43	1922449	106.650	ug/l	100
24) 1,1-Dichloroethane	3.67	63	238869	20.020	ug/l	99
25) 2-Butanone	4.64	43	506582	103.874	ug/l	97
26) 2,2-Dichloropropane	4.55	77	231707	20.991	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	143493	18.762	ug/l	98
28) Bromochloromethane	4.98	49	129559	23.534	ug/l	100
29) Tetrahydrofuran	5.09	42	318792	101.354	ug/l	98
30) Chloroform	5.18	83	243989	19.137	ug/l	99
31) Cyclohexane	5.55	56	199218	20.547	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	228383	19.369	ug/l	99
36) 1,1-Dichloropropene	5.78	75	179953	21.939	ug/l	99
37) Ethyl Acetate	4.80	43	198846	22.703	ug/l	99
38) Carbon Tetrachloride	5.75	117	214441	22.253	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	195920	21.961	ug/l	97
40) Benzene	6.12	78	507822	21.467	ug/l	98
41) Methacrylonitrile	5.01	41	110792	23.680	ug/l	99
42) 1,2-Dichloroethane	6.17	62	204625	22.008	ug/l	98
43) Isopropyl Acetate	6.42	43	292462	20.632	ug/l	99
44) Trichloroethene	7.19	130	143219	20.012	ug/l	90
45) 1,2-Dichloropropane	7.49	63	132365	21.862	ug/l	96
46) Dibromomethane	7.64	93	93648	21.483	ug/l	98
47) Bromodichloromethane	7.88	83	190578	20.918	ug/l	100
48) Methyl methacrylate	7.74	41	150191	22.695	ug/l	99
49) 1,4-Dioxane	7.71	88	62532	469.006	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	913109	107.768	ug/l	100
52) Toluene	8.77	92	315300	20.916	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	212577	21.323	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	229233	21.876	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	128420	20.207	ug/l	97
56) Ethyl methacrylate	9.16	69	198082	21.686	ug/l	98
57) 1,3-Dichloropropane	9.35	76	212800	20.101	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	522160	112.772	ug/l	100
59) 2-Hexanone	9.48	43	729102	113.467	ug/l	100
60) Dibromochloromethane	9.57	129	164222	21.035	ug/l	98
61) 1,2-Dibromoethane	9.65	107	139185	20.089	ug/l	99
64) Tetrachloroethene	9.32	164	151873	19.790	ug/l	97
65) Chlorobenzene	10.12	112	356208	19.592	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	143284	19.807	ug/l	99
67) Ethyl Benzene	10.24	91	613386	20.356	ug/l	99
68) m/p-Xylenes	10.34	106	468583	40.706	ug/l	99
69) o-Xylene	10.68	106	223781	20.347	ug/l	99
70) Styrene	10.70	104	390582	20.648	ug/l	98
71) Bromoform	10.84	173	124746	20.274	ug/l #	99
73) Isopropylbenzene	11.00	105	613929	20.255	ug/l	99
74) N-amyl acetate	10.88	43	273163	21.841	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	183335	19.829	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	245087	27.180	ug/l	83
77) Bromobenzene	11.24	156	167650	19.407	ug/l	97
78) n-propylbenzene	11.34	91	712222	20.978	ug/l	99
79) 2-Chlorotoluene	11.40	91	430122	20.498	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	538066	20.778	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	71521	20.034	ug/l	96
82) 4-Chlorotoluene	11.49	91	521893	20.954	ug/l	100
83) tert-Butylbenzene	11.76	119	498443	20.003	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	541776	20.797	ug/l	100
85) sec-Butylbenzene	11.93	105	594747	20.430	ug/l	99
86) p-Isopropyltoluene	12.05	119	577336	20.914	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	289420	18.762	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	294428	18.871	ug/l	98
89) n-Butylbenzene	12.37	91	489943	20.681	ug/l	100
90) Hexachloroethane	12.58	117	102004	19.366	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	280230	19.291	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	48057	19.323	ug/l	98

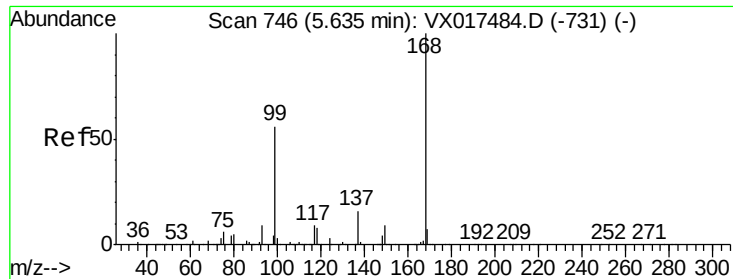
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072320\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	195723	19.254	ug/l	99
94) Hexachlorobutadiene	13.77	225	91848	21.697	ug/l	99
95) Naphthalene	13.82	128	601730	20.005	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	199202	20.168	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017483.D

Acq: 23 Jul 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

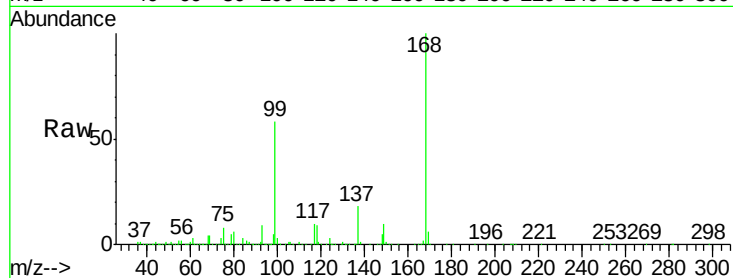
VSTDIC020

Tgt Ion:168 Resp: 669443

Ion Ratio Lower Upper

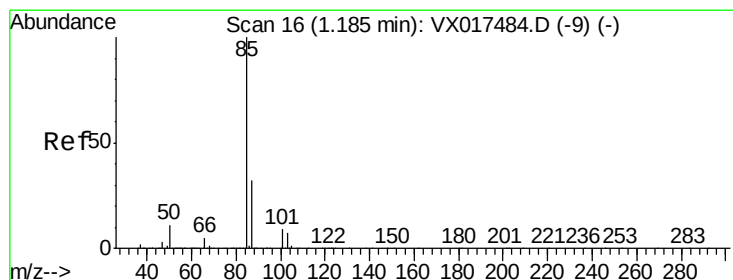
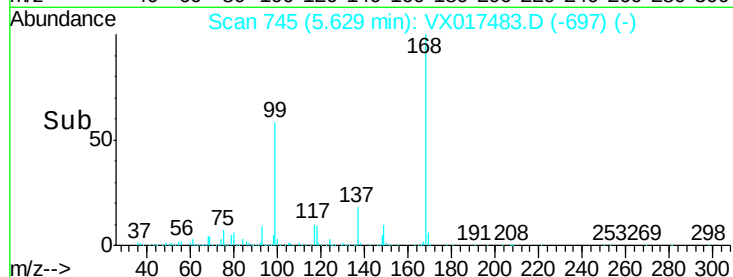
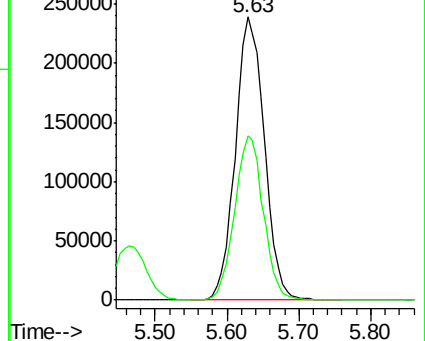
168 100

99 57.8 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 21.710 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017483.D

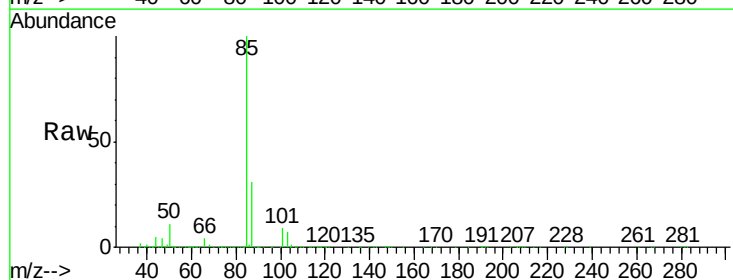
Acq: 23 Jul 2020 10:30

Tgt Ion: 85 Resp: 123331

Ion Ratio Lower Upper

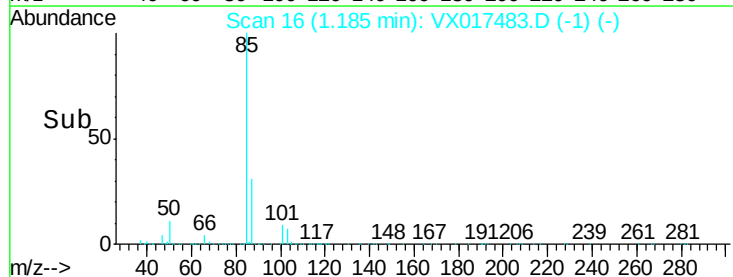
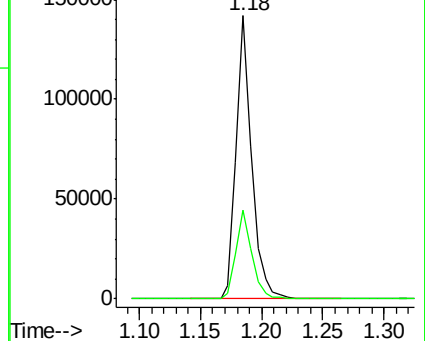
85 100

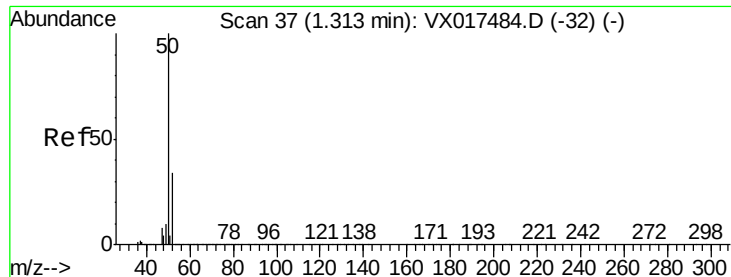
87 31.4 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

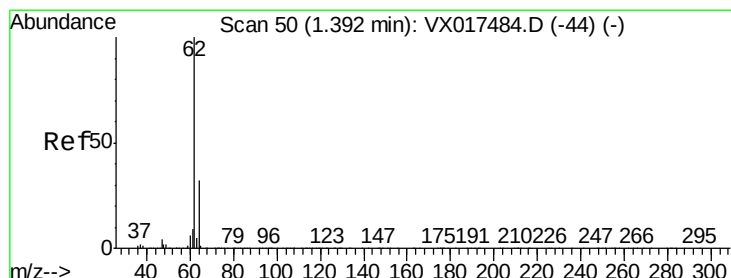
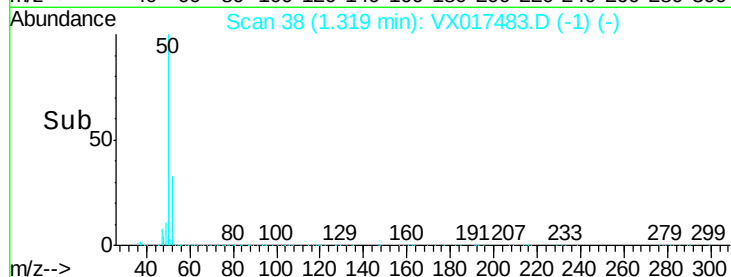
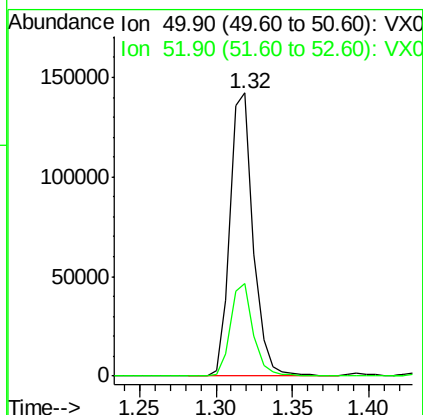
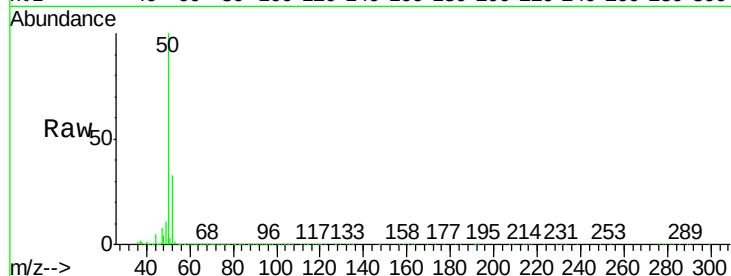




#3
Chloromethane
Concen: 22.347 ug/l
RT: 1.32 min Scan# 38
Delta R.T. 0.01 min
Lab File: VX017483.D
Acq: 23 Jul 2020 10:30

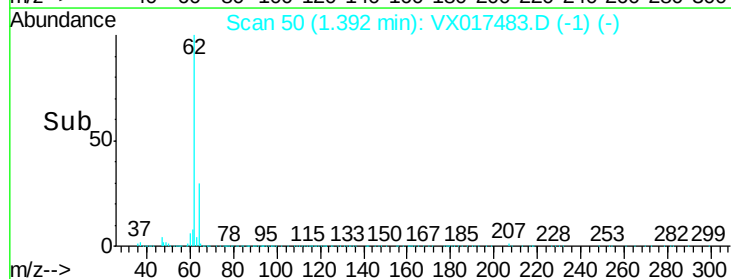
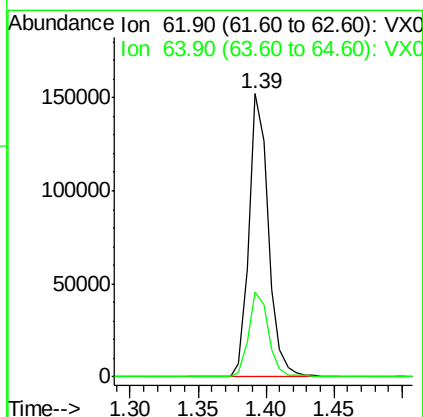
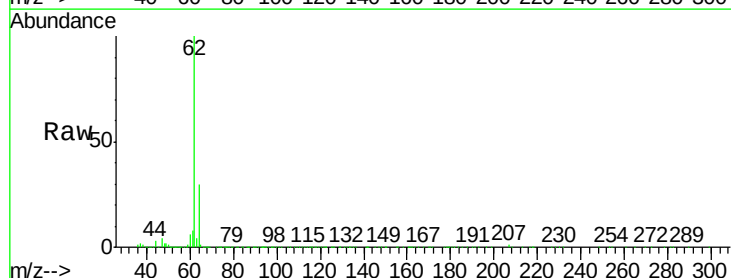
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

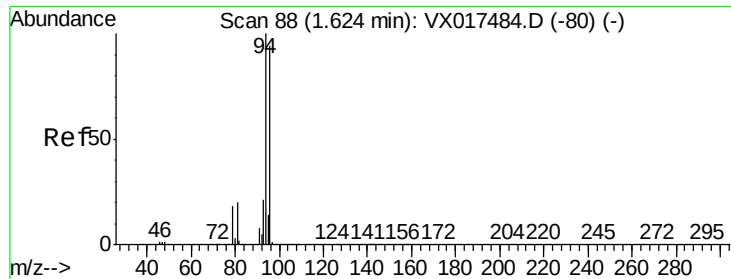
Tgt Ion: 50 Resp: 149440
Ion Ratio Lower Upper
50 100
52 32.5 27.1 40.7



#4
Vinyl Chloride
Concen: 23.178 ug/l
RT: 1.39 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX017483.D
Acq: 23 Jul 2020 10:30

Tgt Ion: 62 Resp: 151678
Ion Ratio Lower Upper
62 100
64 29.8 25.4 38.0





#5

Bromomethane

Concen: 22.051 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX017483.D

Acq: 23 Jul 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

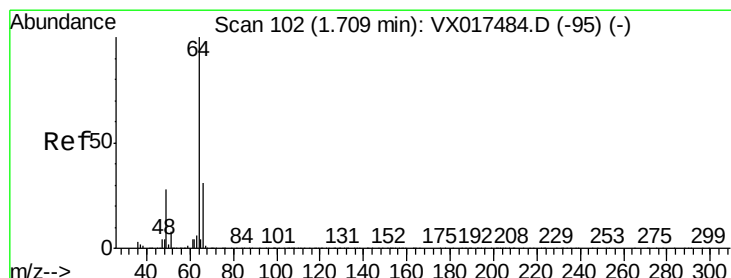
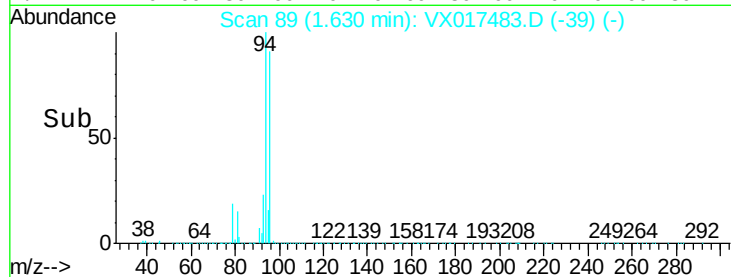
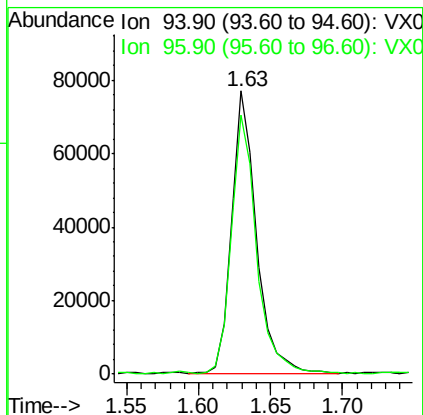
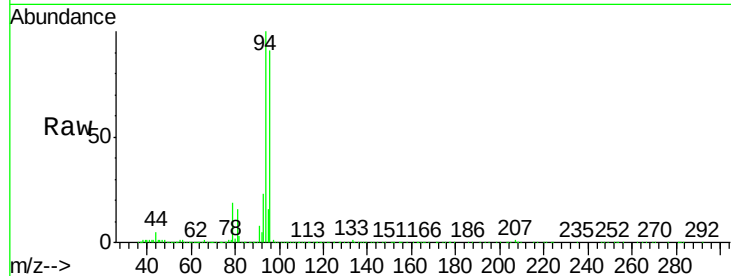
VSTDIC020

Tgt Ion: 94 Resp: 93045

Ion Ratio Lower Upper

94 100

96 91.3 75.5 113.3



#6

Chloroethane

Concen: 21.323 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX017483.D

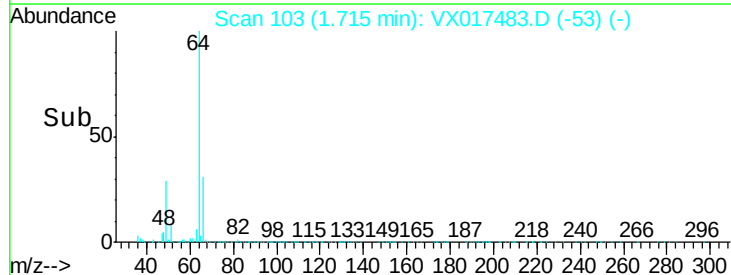
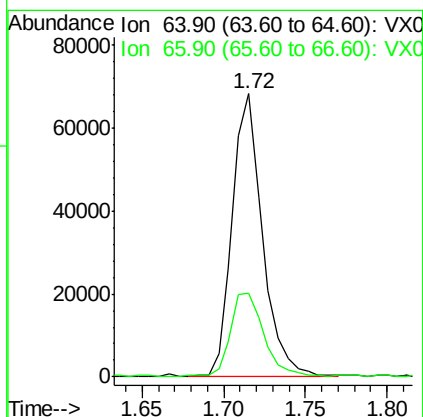
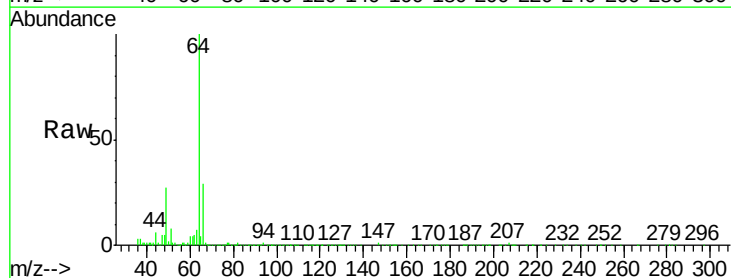
Acq: 23 Jul 2020 10:30

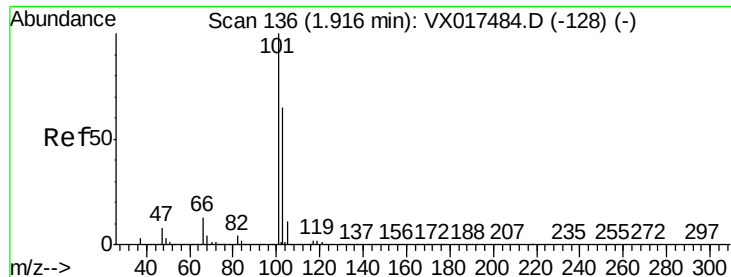
Tgt Ion: 64 Resp: 87653

Ion Ratio Lower Upper

64 100

66 28.8 24.8 37.2



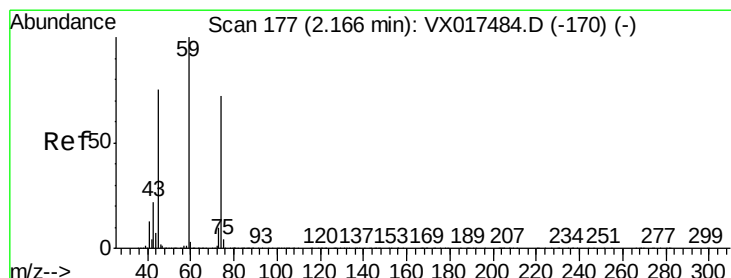
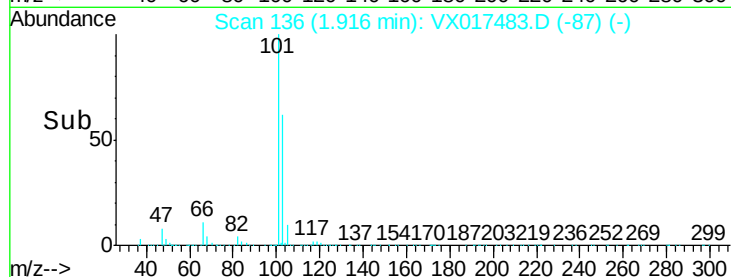
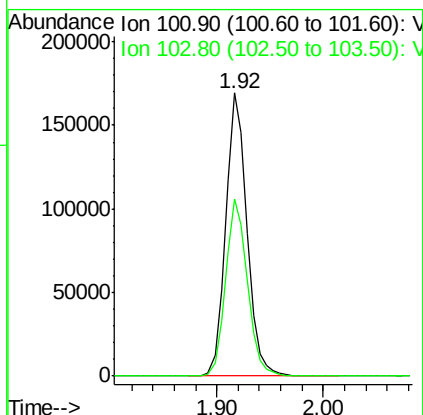
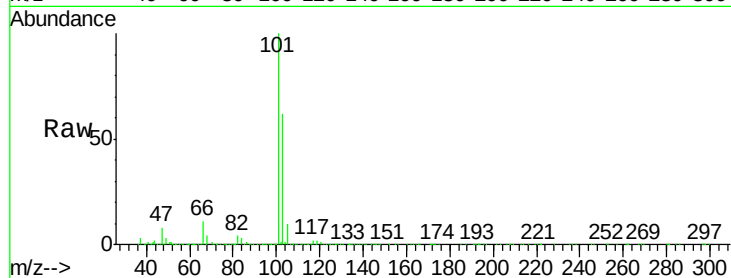


#7

Trichlorofluoromethane
Concen: 21.831 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX017483.D
Acq: 23 Jul 2020 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

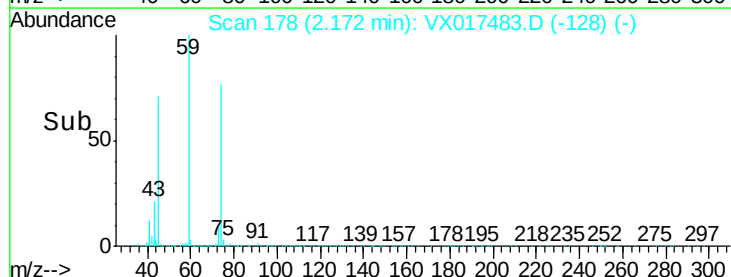
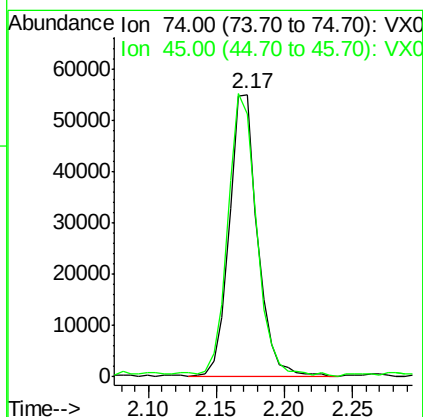
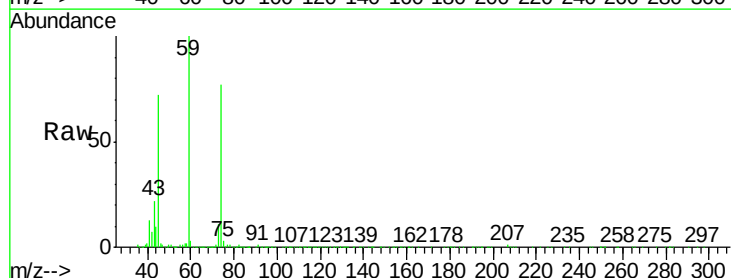
Tgt Ion: 101 Resp: 237071
Ion Ratio Lower Upper
101 100
103 62.4 52.2 78.4

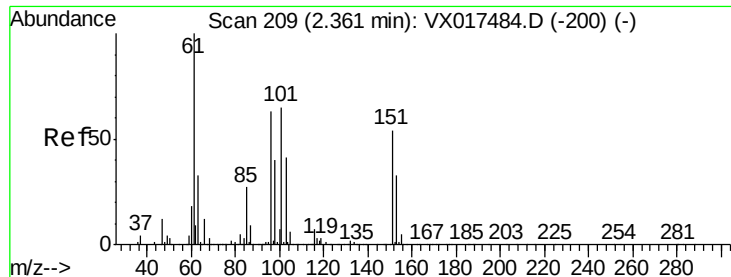


#8

Diethyl Ether
Concen: 20.213 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.01 min
Lab File: VX017483.D
Acq: 23 Jul 2020 10:30

Tgt Ion: 74 Resp: 79102
Ion Ratio Lower Upper
74 100
45 104.5 50.6 151.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.077 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX017483.D

Acq: 23 Jul 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

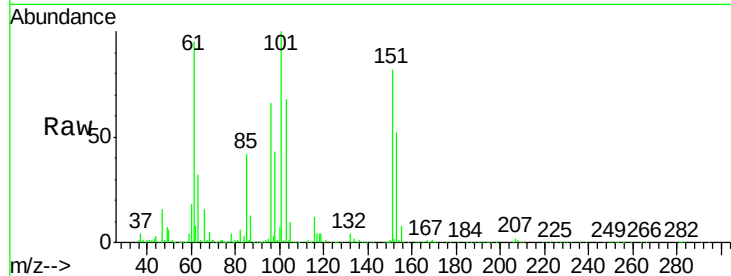
Tgt Ion:101 Resp: 130968

Ion Ratio Lower Upper

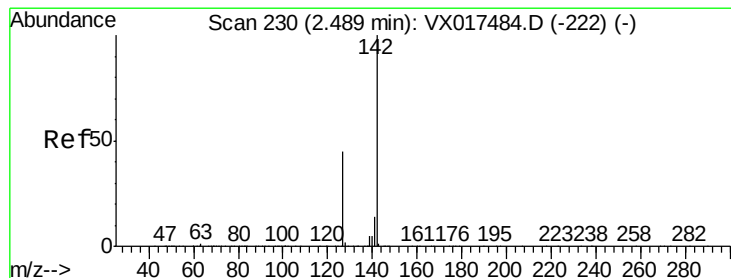
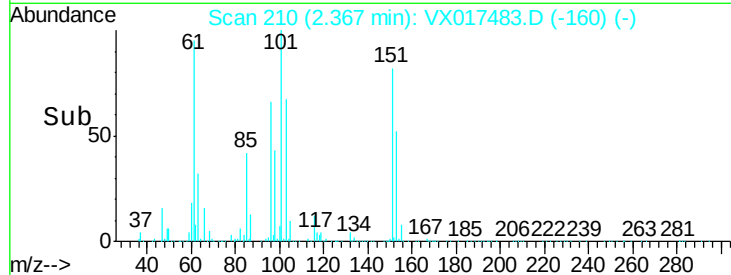
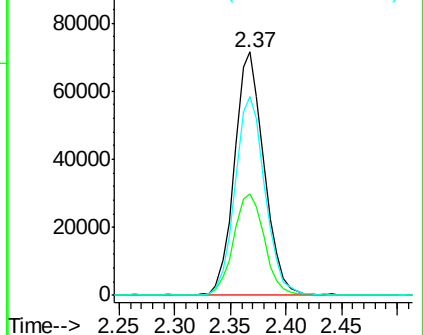
101 100

85 43.3 33.8 50.6

151 83.4 65.8 98.8



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 22.395 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX017483.D

Acq: 23 Jul 2020 10:30

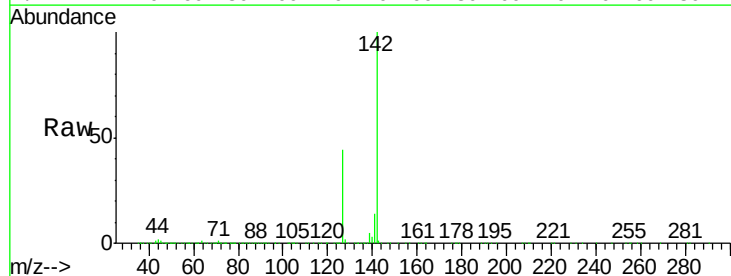
Tgt Ion:142 Resp: 172142

Ion Ratio Lower Upper

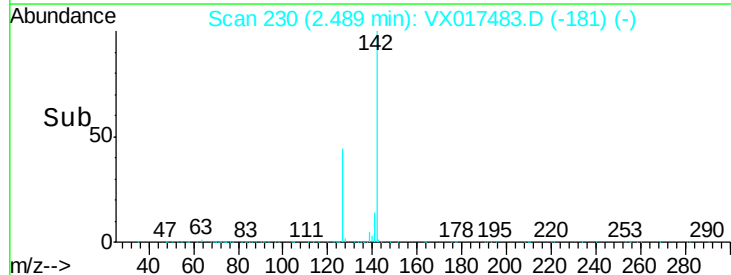
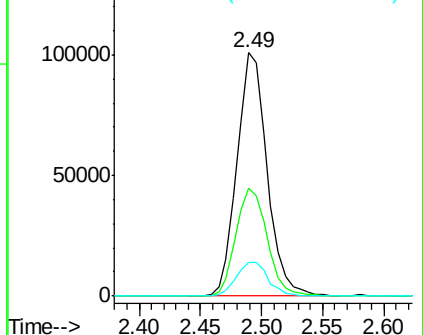
142 100

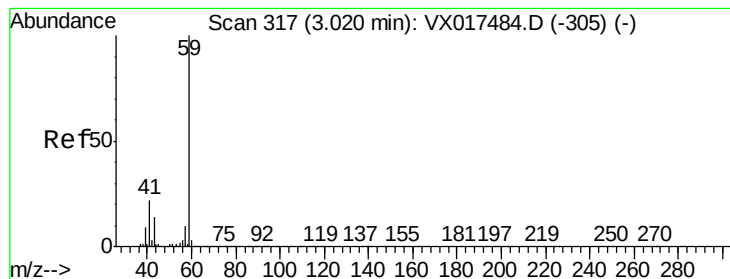
127 46.1 36.4 54.6

141 14.8 11.4 17.2



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V



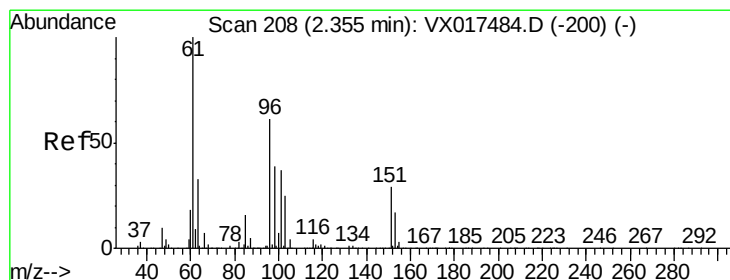
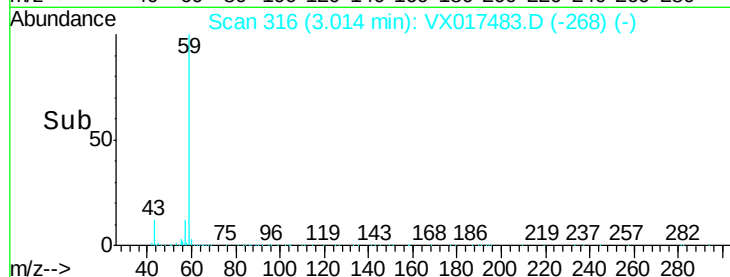
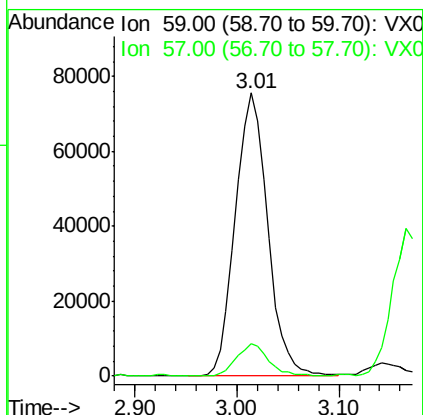
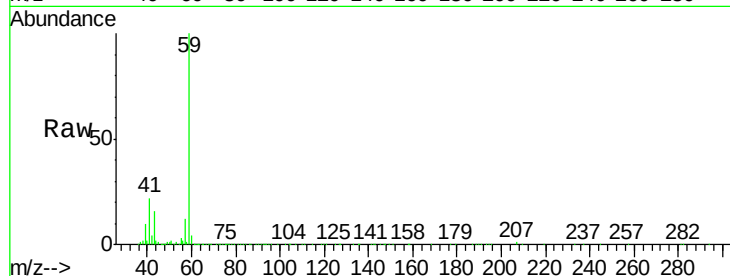


#11

Tert butyl alcohol
 Concen: 110.077 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. -0.01 min
 Lab File: VX017483.D
 Acq: 23 Jul 2020 10:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

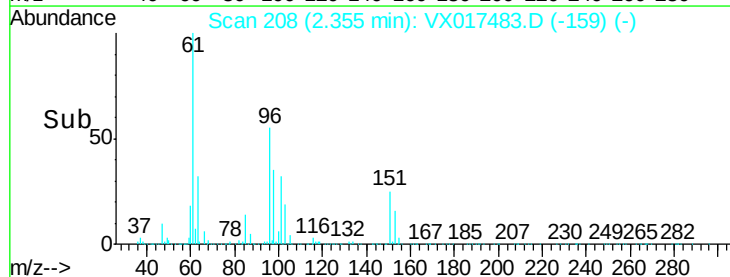
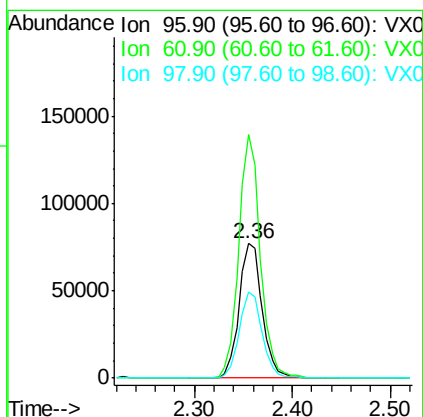
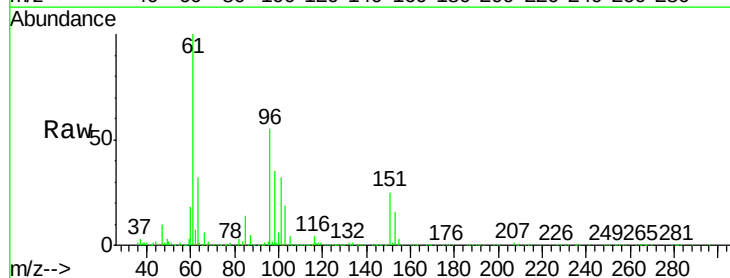
Tgt Ion: 59 Resp: 166708
 Ion Ratio Lower Upper
 59 100
 57 10.7 8.5 12.7

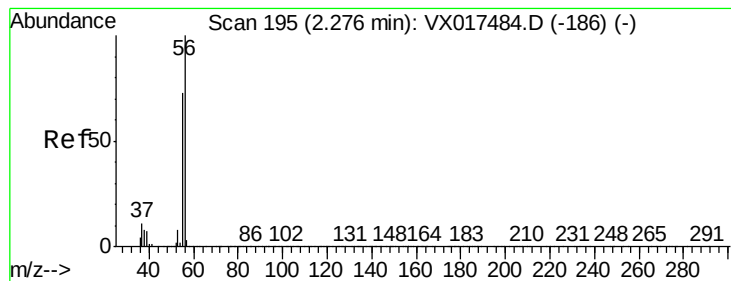


#12

1,1-Dichloroethene
 Concen: 20.235 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX017483.D
 Acq: 23 Jul 2020 10:30

Tgt Ion: 96 Resp: 125923
 Ion Ratio Lower Upper
 96 100
 61 181.2 130.2 195.4
 98 64.3 50.5 75.7





#13

Acrolein

Concen: 138.907 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX017483.D

Acq: 23 Jul 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

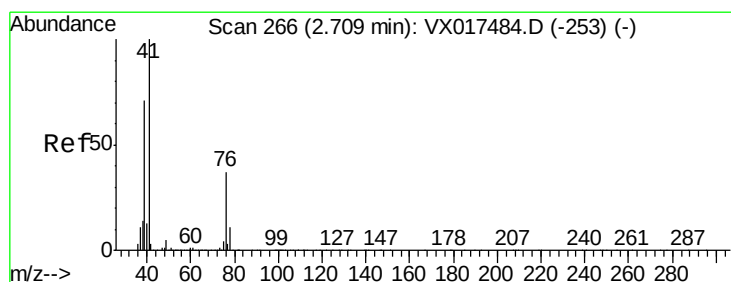
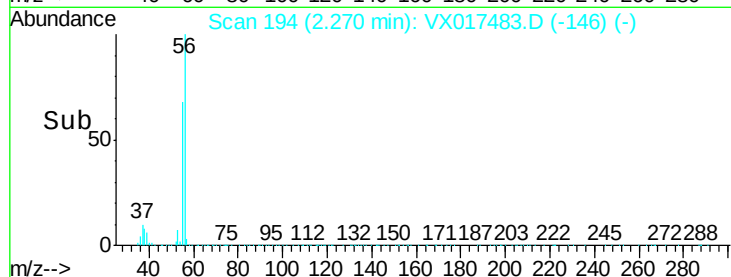
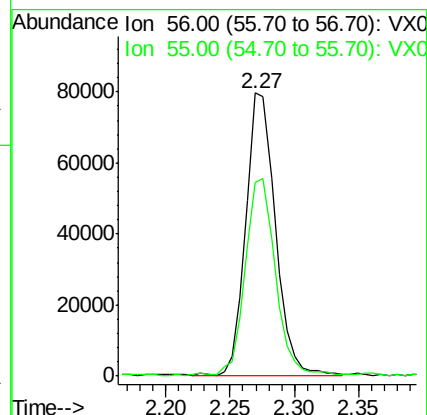
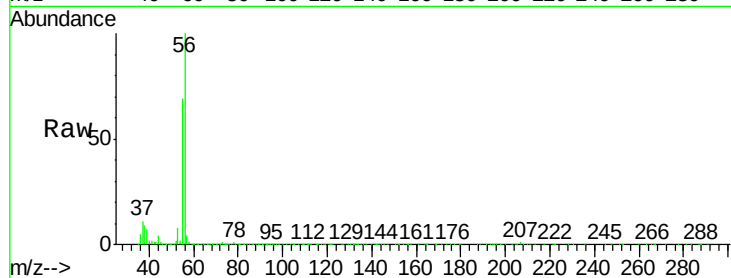
VSTDIC020

Tgt Ion: 56 Resp: 125397

Ion Ratio Lower Upper

56 100

55 71.1 57.3 85.9



#14

Allyl chloride

Concen: 21.287 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017483.D

Acq: 23 Jul 2020 10:30

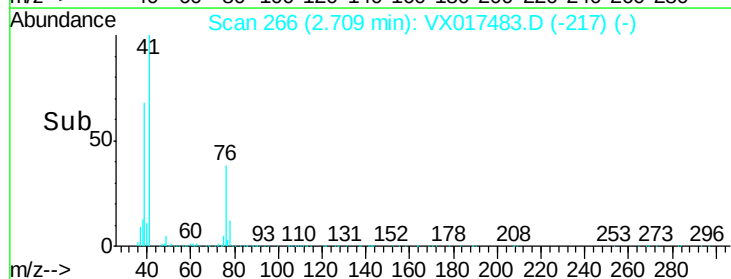
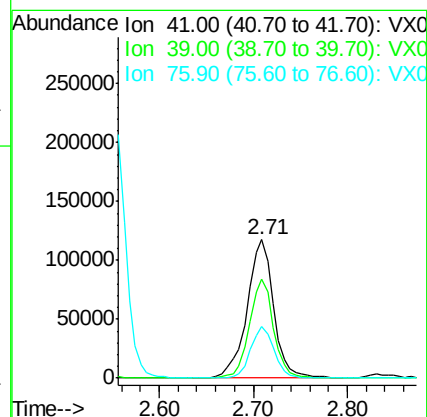
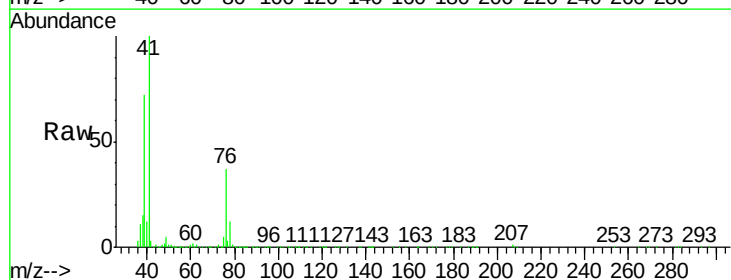
Tgt Ion: 41 Resp: 232883

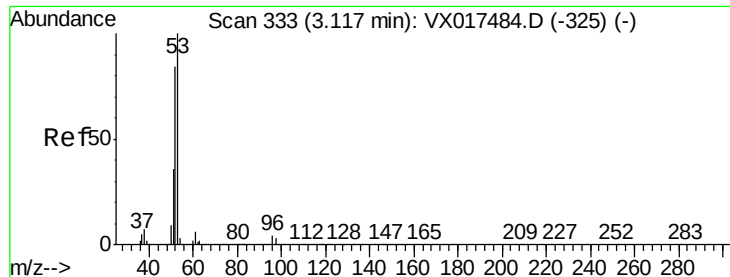
Ion Ratio Lower Upper

41 100

39 64.4 51.7 77.5

76 32.4 26.4 39.6





#15

Acrylonitrile

Concen: 100.580 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017483.D

Acq: 23 Jul 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

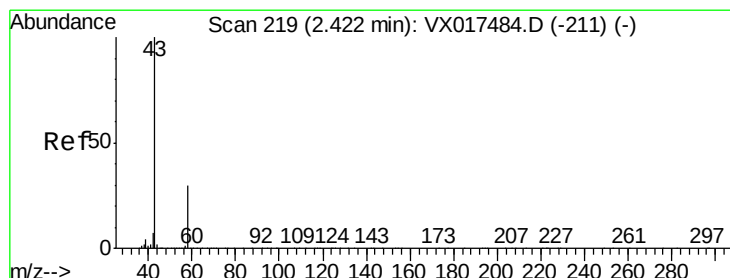
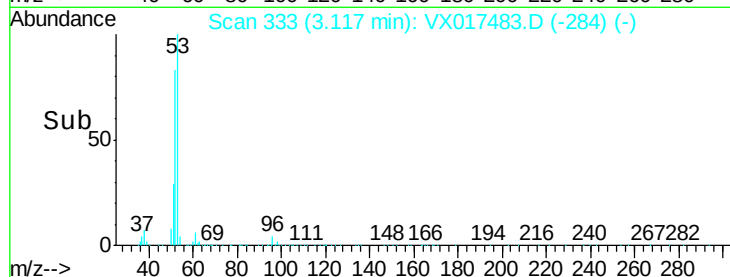
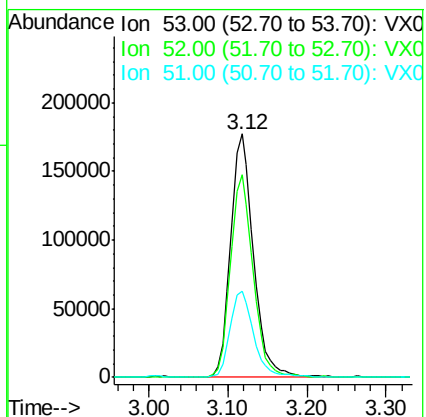
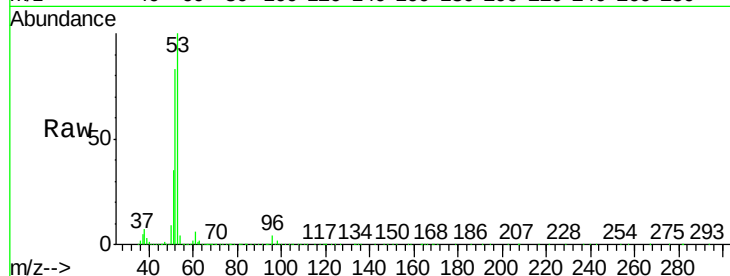
Tgt Ion: 53 Resp: 357027

Ion	Ratio	Lower	Upper
53	100		
52	82.4	67.0	100.4
51	36.7	29.6	44.4

53 100

52 82.4 67.0 100.4

51 36.7 29.6 44.4



#16

Acetone

Concen: 103.614 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX017483.D

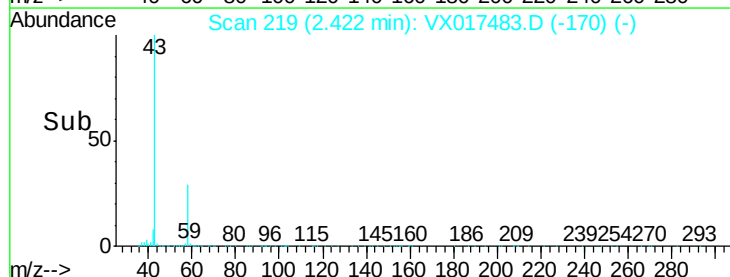
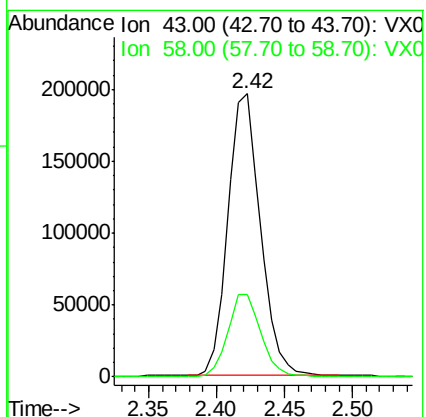
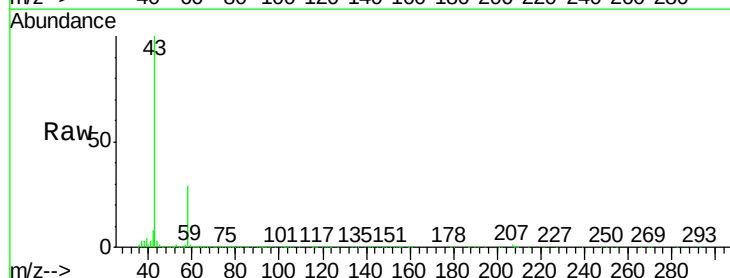
Acq: 23 Jul 2020 10:30

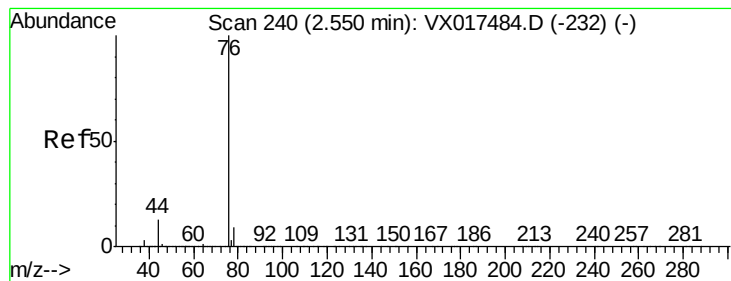
Tgt Ion: 43 Resp: 326632

Ion	Ratio	Lower	Upper
43	100		
58	28.9	23.7	35.5

43 100

58 28.9 23.7 35.5





#17

Carbon Disulfide

Concen: 20.566 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX017483.D

Acq: 23 Jul 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

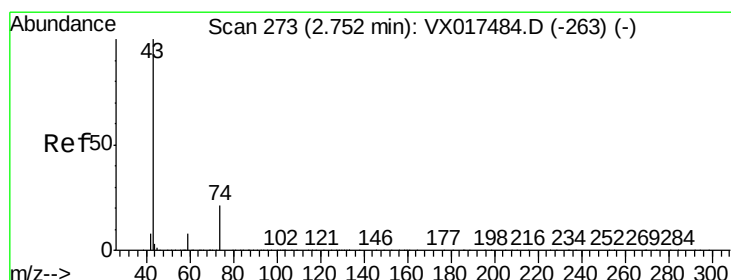
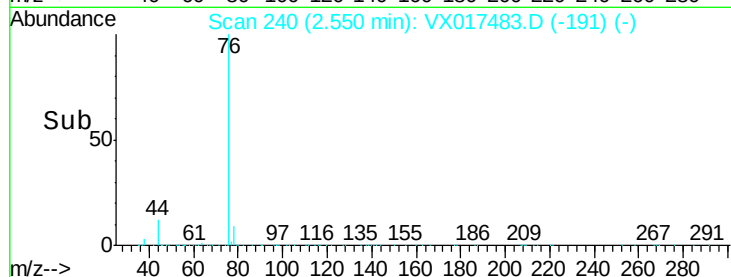
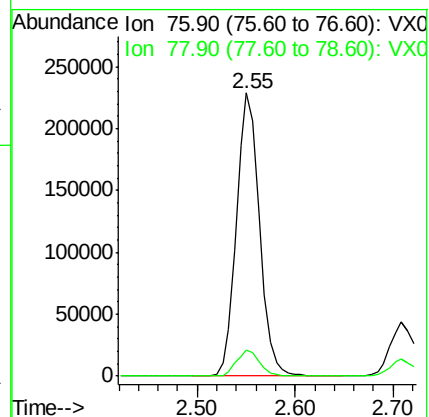
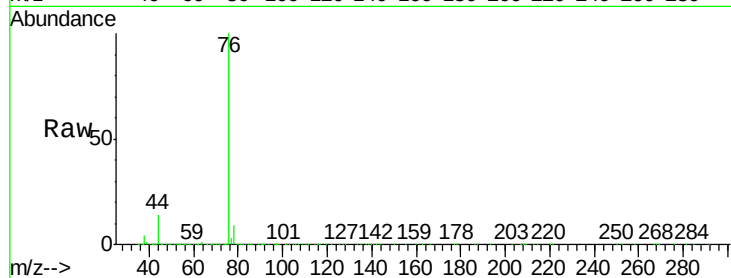
VSTDIC020

Tgt Ion: 76 Resp: 373665

Ion Ratio Lower Upper

76 100

78 9.2 6.8 10.2



#18

Methyl Acetate

Concen: 20.145 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX017483.D

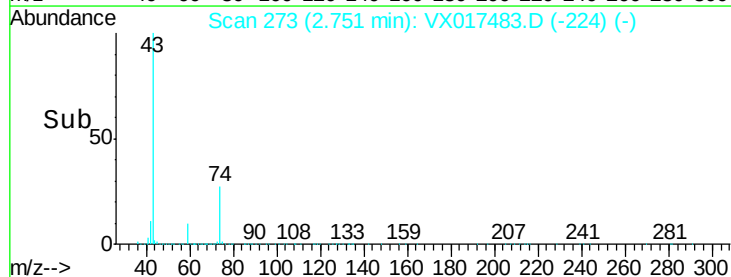
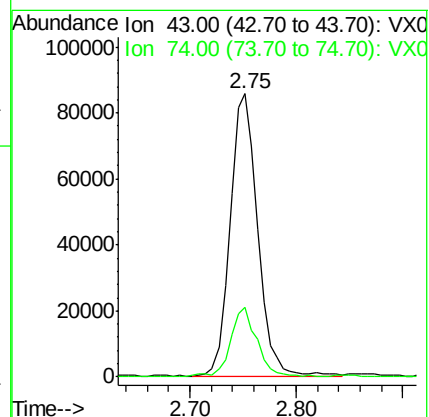
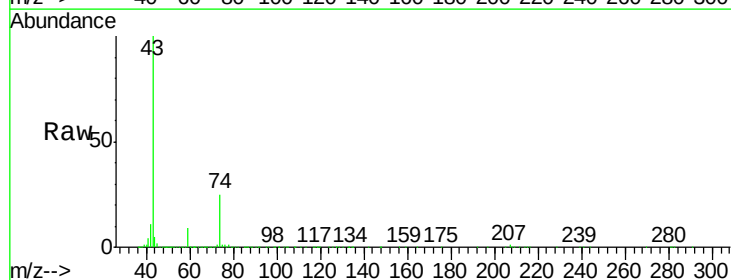
Acq: 23 Jul 2020 10:30

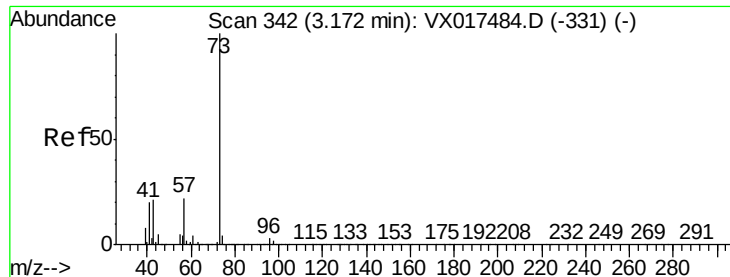
Tgt Ion: 43 Resp: 156683

Ion Ratio Lower Upper

43 100

74 23.9 18.1 27.1





#19

Methyl tert-butyl Ether

Concen: 20.009 ug/l

RT: 3.17 min Scan# 341

Delta R.T. -0.01 min

Lab File: VX017483.D

Acq: 23 Jul 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

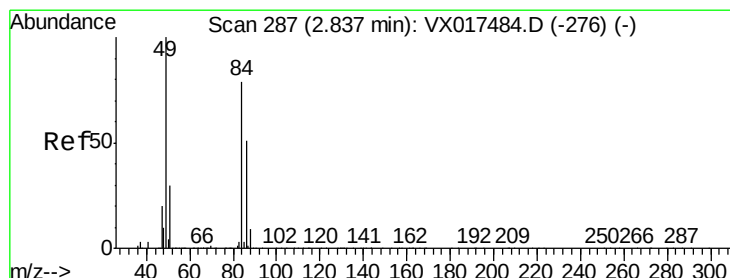
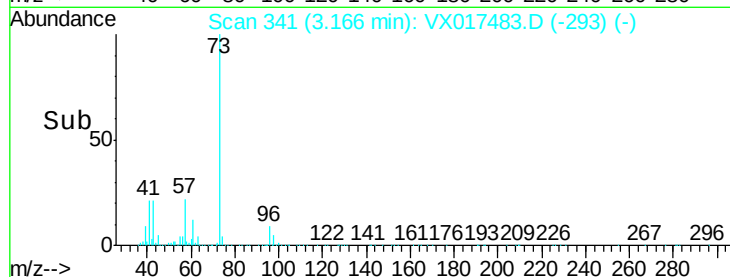
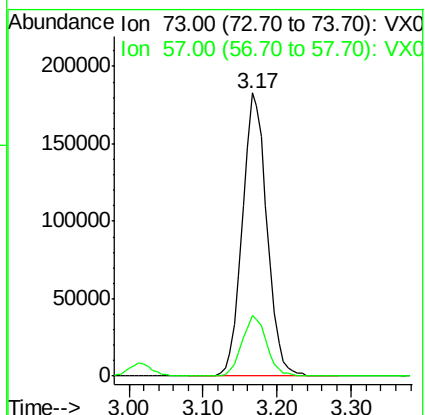
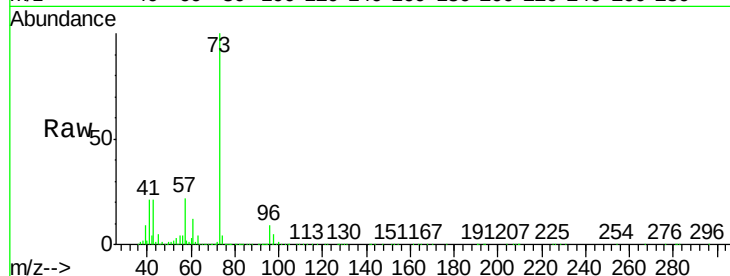
VSTDIC020

Tgt Ion: 73 Resp: 424107

Ion Ratio Lower Upper

73 100

57 21.5 17.3 25.9



#20

Methylene Chloride

Concen: 18.223 ug/l

RT: 2.84 min Scan# 287

Delta R.T. -0.00 min

Lab File: VX017483.D

Acq: 23 Jul 2020 10:30

Tgt Ion: 84 Resp: 136037

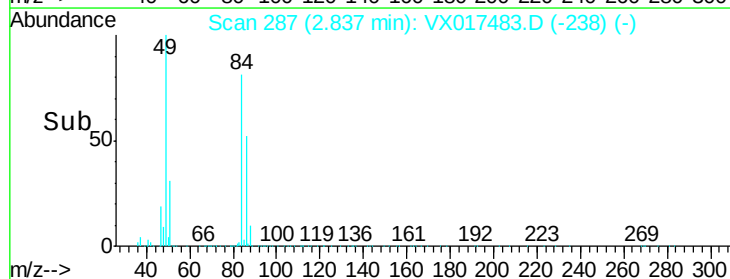
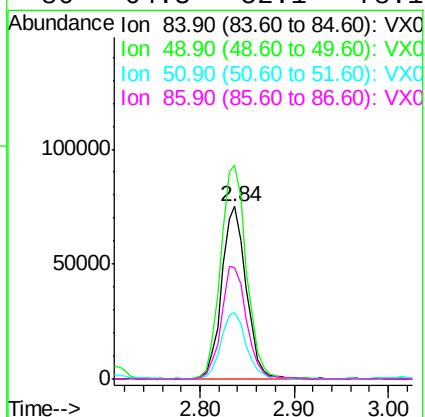
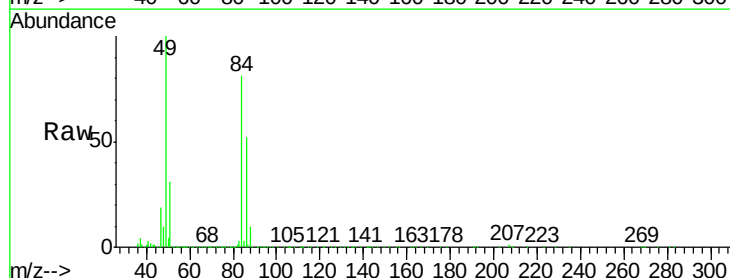
Ion Ratio Lower Upper

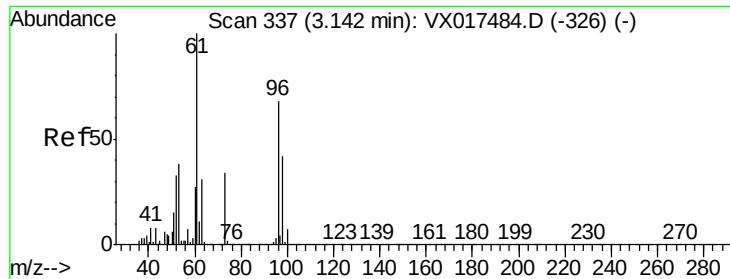
84 100

49 123.7 101.4 152.2

51 38.8 30.6 45.8

86 64.3 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 18.990 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017483.D

Acq: 23 Jul 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

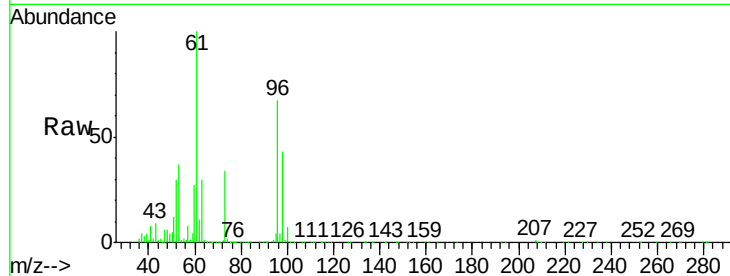
Tgt Ion: 96 Resp: 133458

Ion Ratio Lower Upper

96 100

61 149.9 117.2 175.8

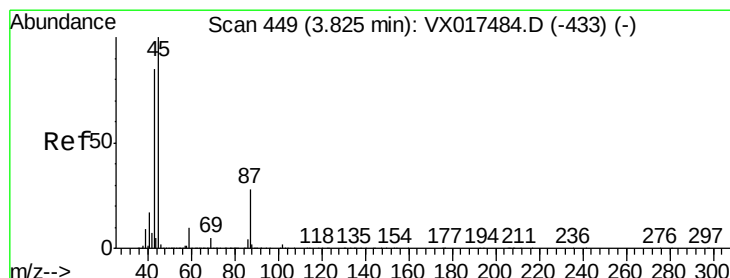
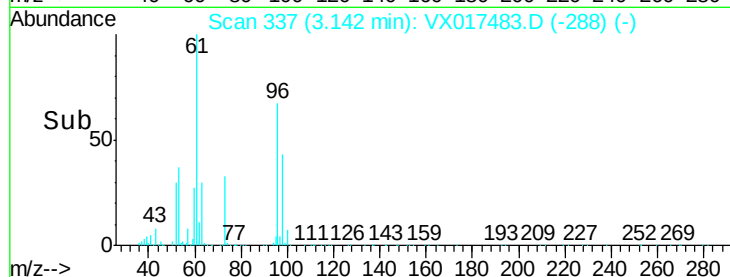
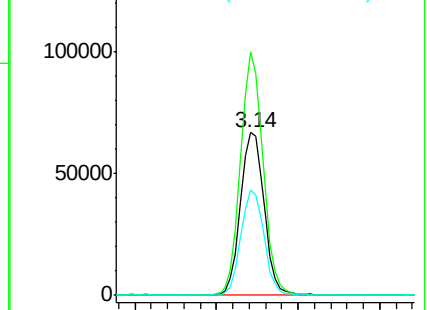
98 64.7 49.0 73.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 20.904 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX017483.D

Acq: 23 Jul 2020 10:30

Tgt Ion: 45 Resp: 425745

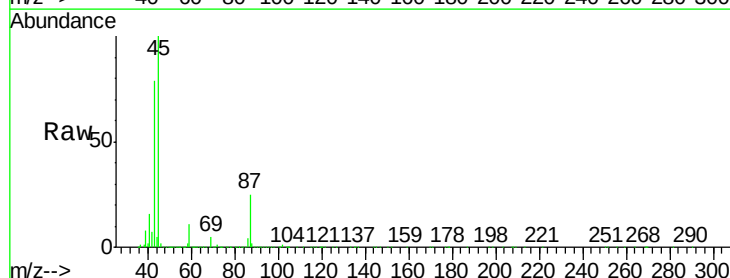
Ion Ratio Lower Upper

45 100

43 78.7 68.0 102.0

87 25.3 22.2 33.4

59 10.5 8.4 12.6

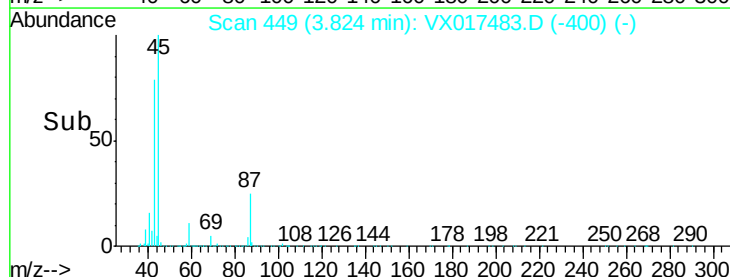
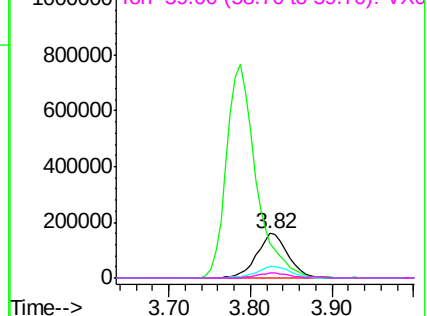


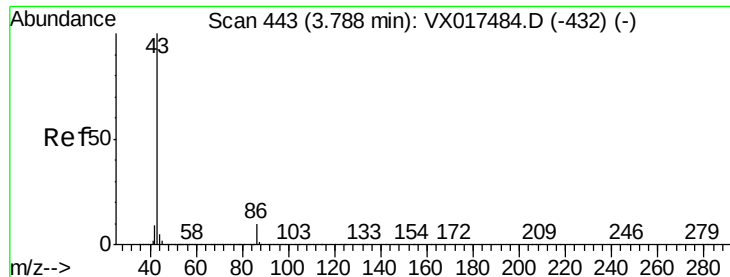
Abundance Ion 45.00 (44.70 to 45.70): VX0

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





#23

Vinyl Acetate

Concen: 106.650 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017483.D

Acq: 23 Jul 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

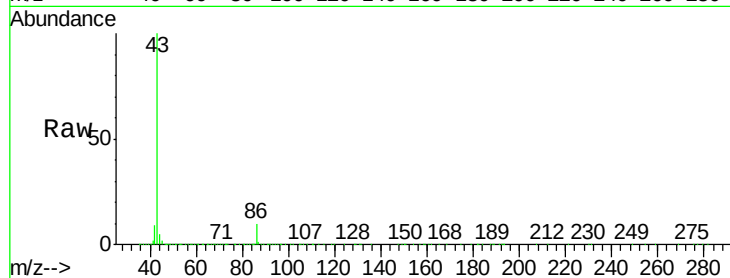
VSTDIC020

Tgt Ion: 43 Resp: 1922449

Ion Ratio Lower Upper

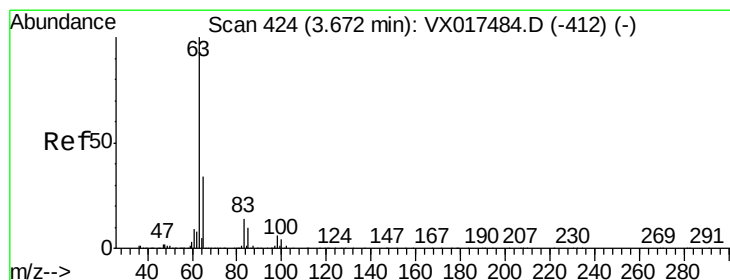
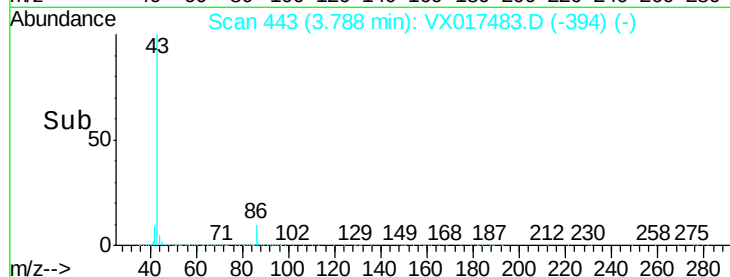
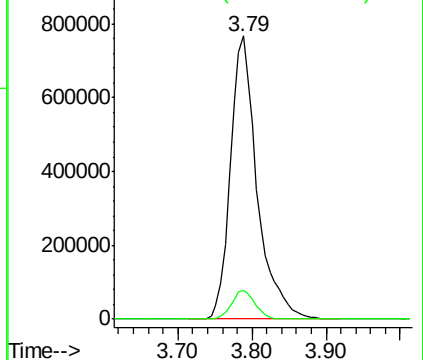
43 100

86 10.1 8.0 12.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 20.020 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017483.D

Acq: 23 Jul 2020 10:30

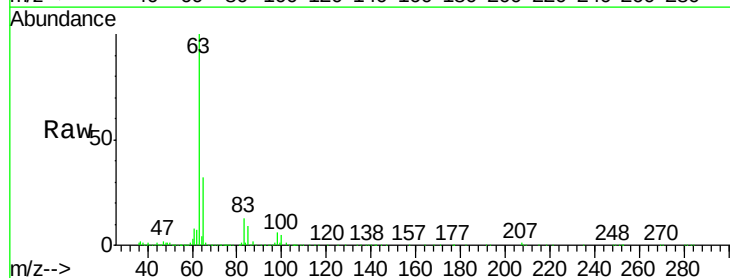
Tgt Ion: 63 Resp: 238869

Ion Ratio Lower Upper

63 100

98 6.1 3.2 9.6

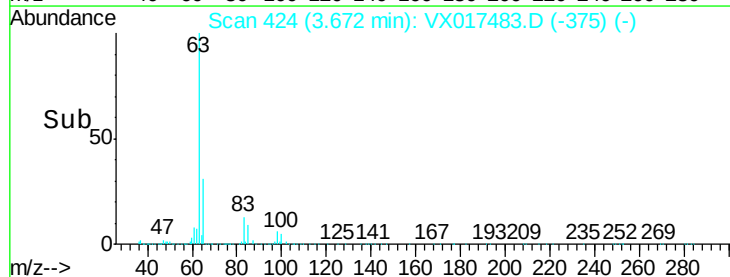
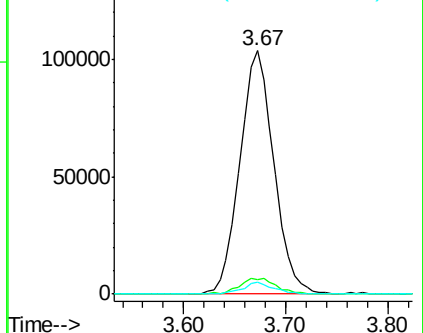
100 4.7 2.1 6.5

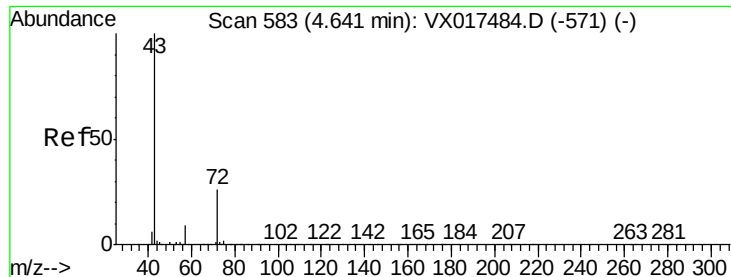


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 103.874 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX017483.D

Acq: 23 Jul 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

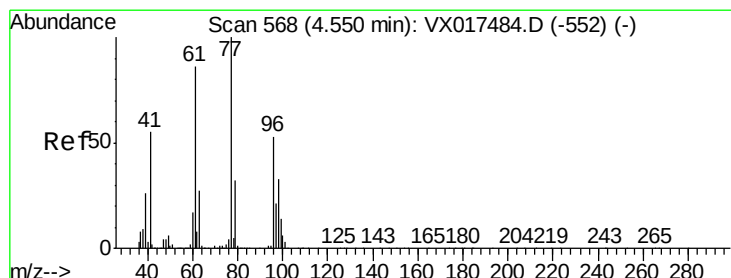
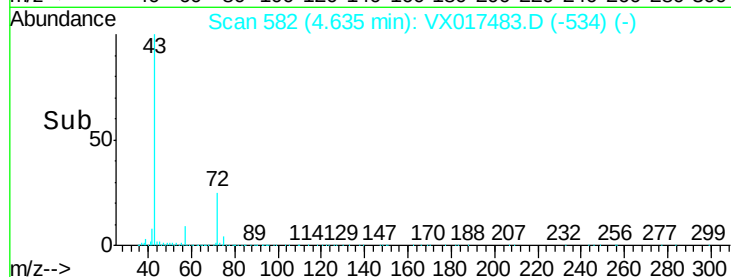
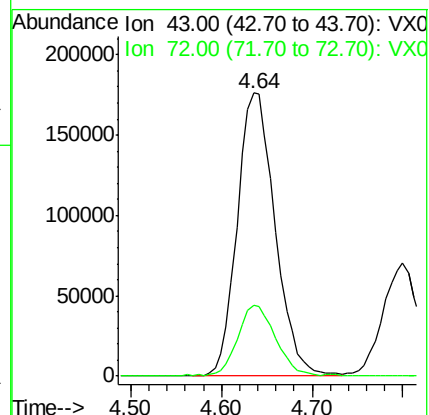
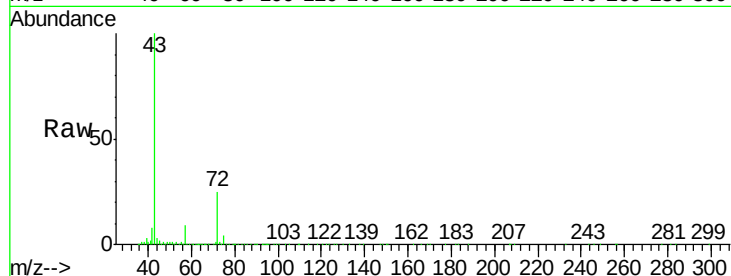
VSTDIC020

Tgt Ion: 43 Resp: 506582

Ion Ratio Lower Upper

43 100

72 24.8 21.0 31.4



#26

2,2-Dichloropropane

Concen: 20.991 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX017483.D

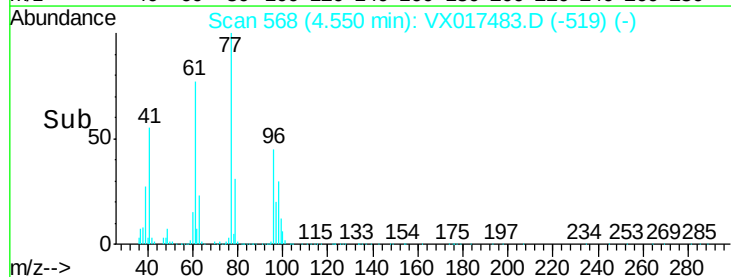
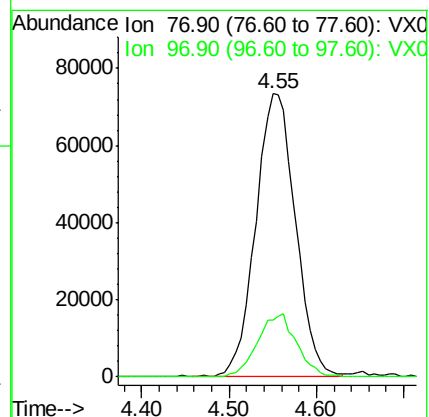
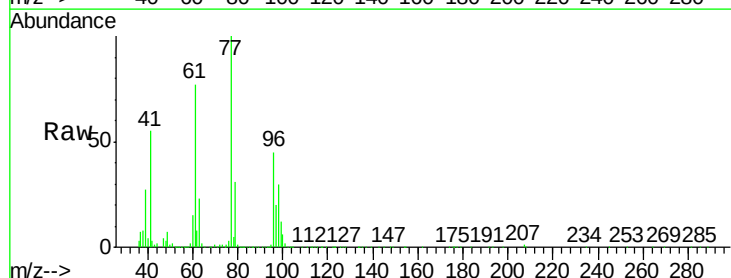
Acq: 23 Jul 2020 10:30

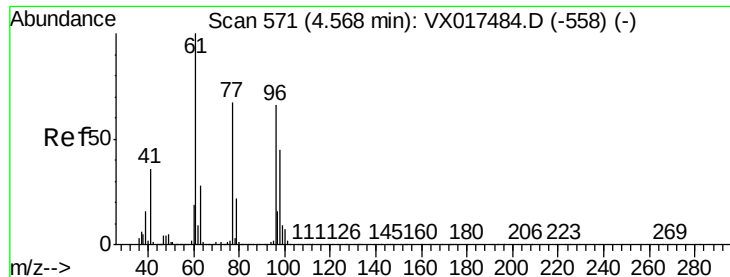
Tgt Ion: 77 Resp: 231707

Ion Ratio Lower Upper

77 100

97 21.8 11.1 33.3



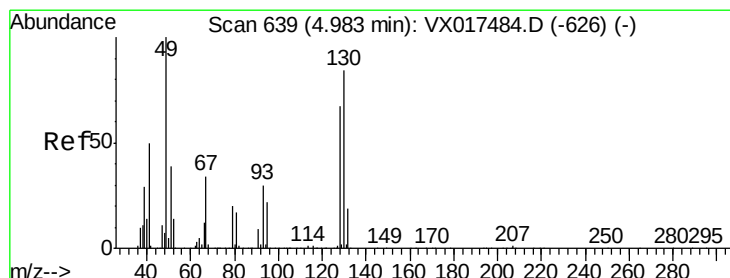
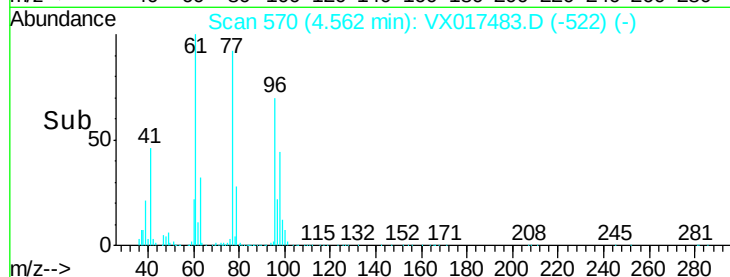
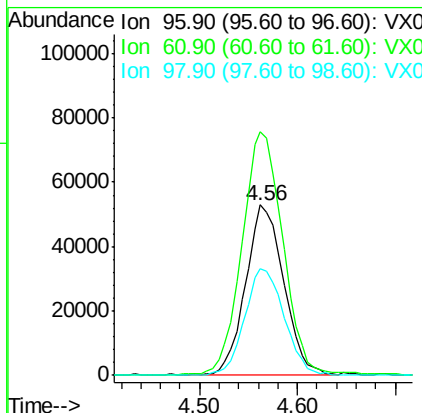
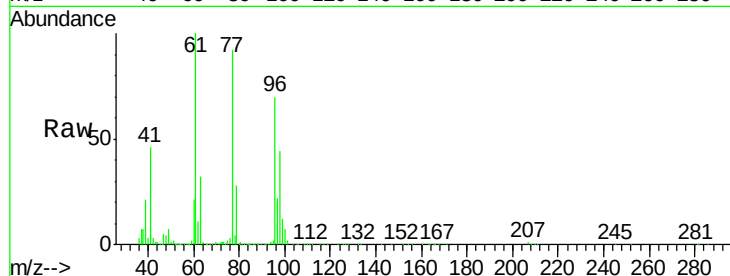


#27

cis-1,2-Dichloroethene
Concen: 18.762 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX017483.D
Acq: 23 Jul 2020 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

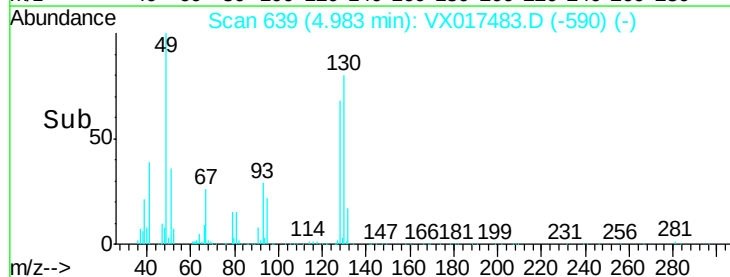
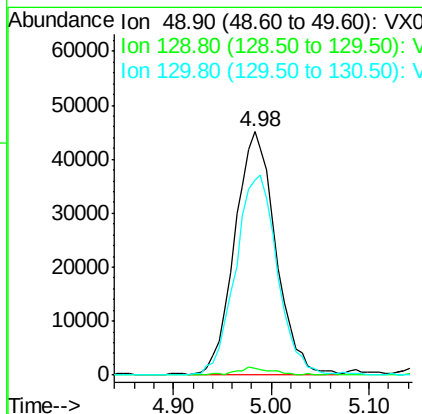
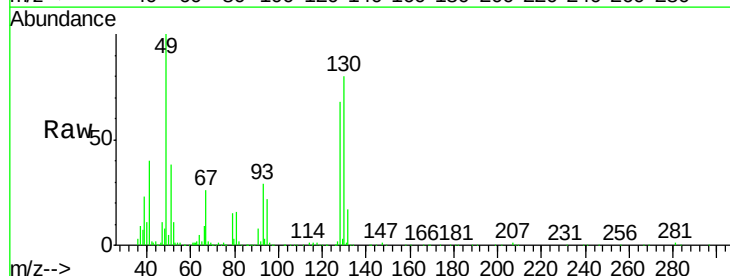
Tgt Ion: 96 Resp: 143493
Ion Ratio Lower Upper
96 100
61 152.3 0.0 299.2
98 65.1 0.0 127.6

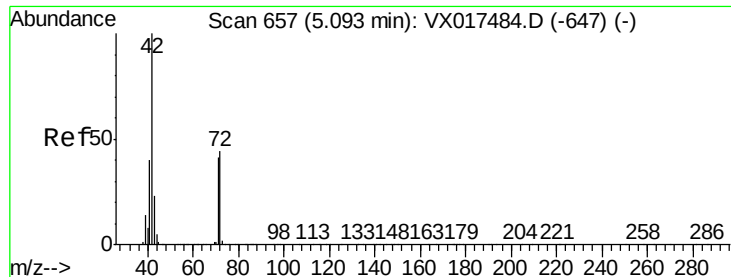


#28

Bromochloromethane
Concen: 23.534 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017483.D
Acq: 23 Jul 2020 10:30

Tgt Ion: 49 Resp: 129559
Ion Ratio Lower Upper
49 100
129 2.8 0.0 4.4
130 84.7 68.0 102.0





#29

Tetrahydrofuran

Concen: 101.354 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX017483.D

Acq: 23 Jul 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

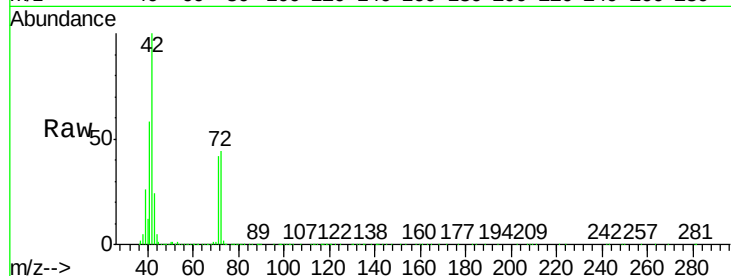
Tgt Ion: 42 Resp: 318792

Ion Ratio Lower Upper

42 100

72 43.6 34.1 51.1

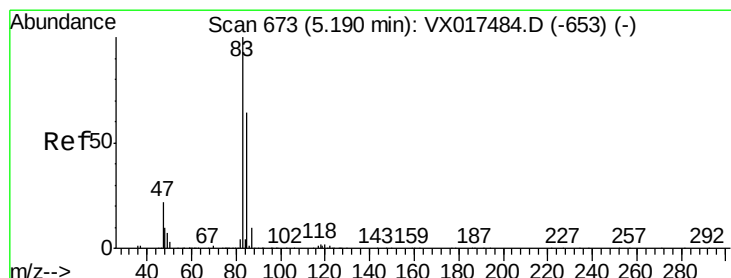
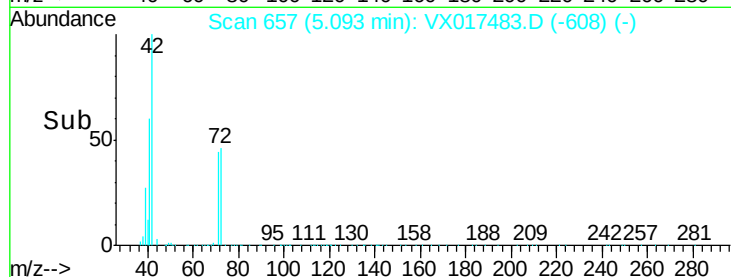
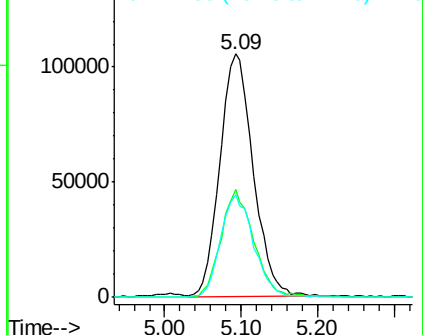
71 41.6 32.3 48.5



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 19.137 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.01 min

Lab File: VX017483.D

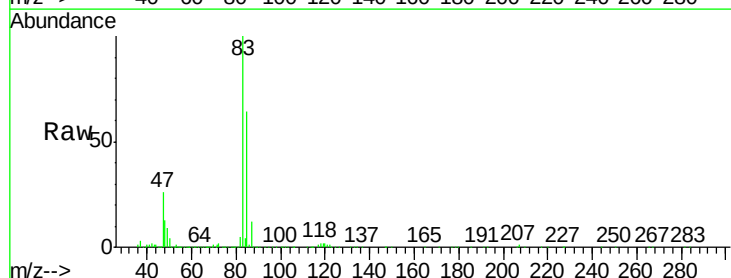
Acq: 23 Jul 2020 10:30

Tgt Ion: 83 Resp: 243989

Ion Ratio Lower Upper

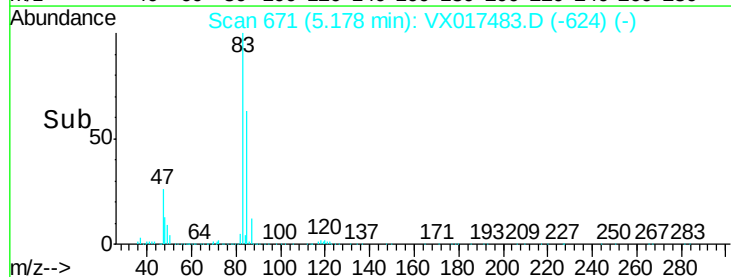
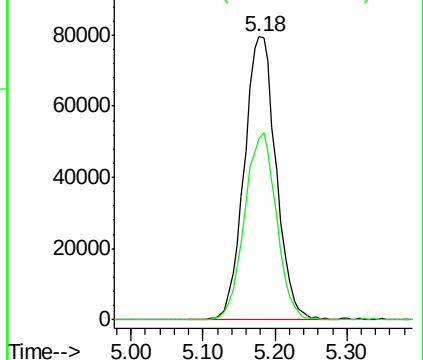
83 100

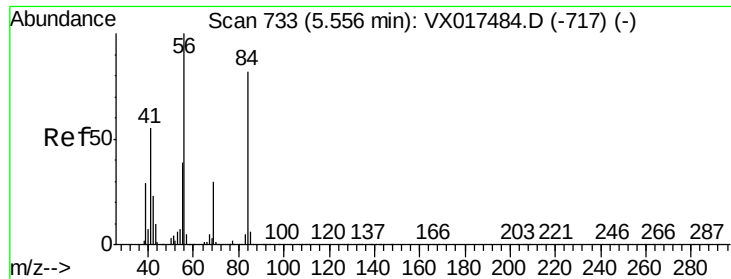
85 63.7 51.4 77.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

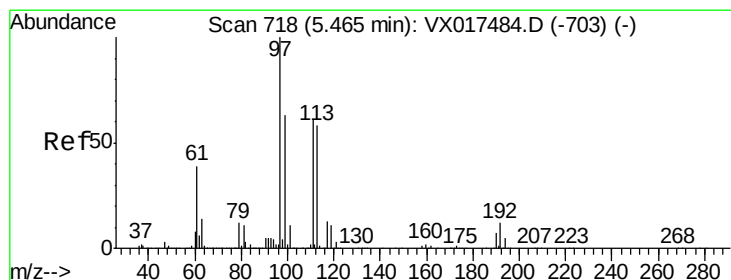
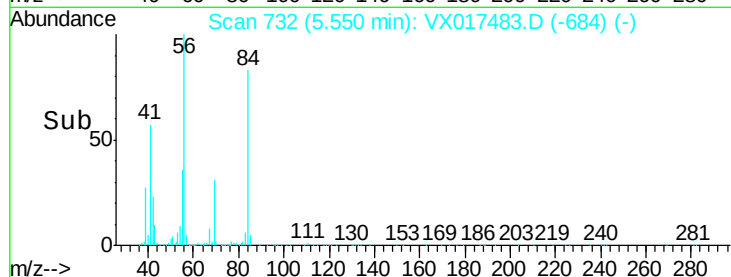
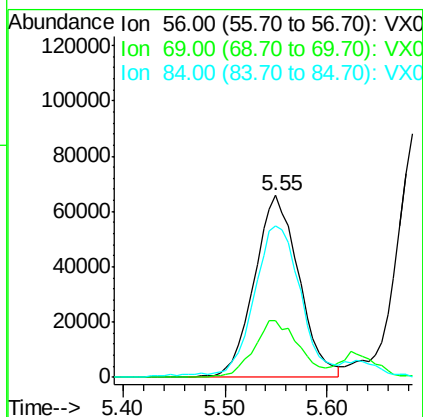
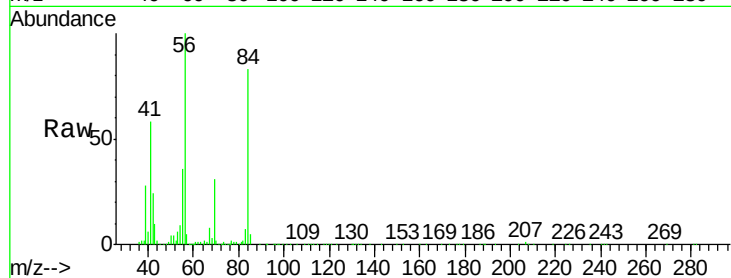




#31
Cyclohexane
Concen: 20.547 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX017483.D
Acq: 23 Jul 2020 10:30

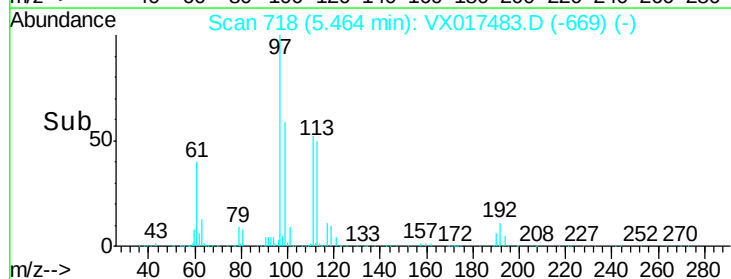
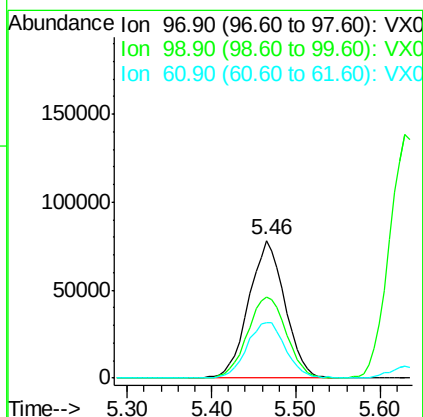
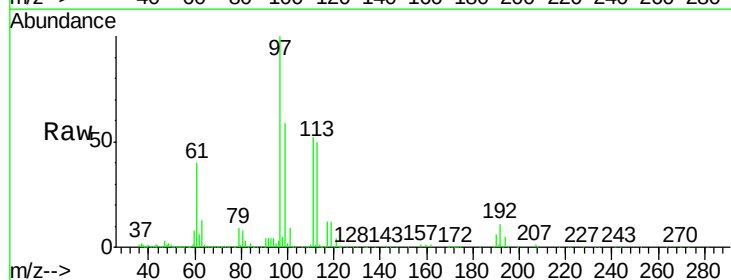
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

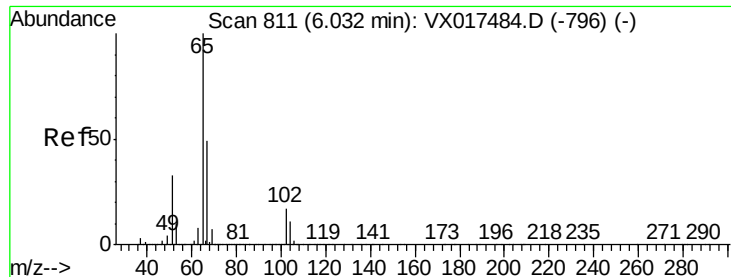
Tgt Ion	Ratio	Lower	Upper
56	100		
69	30.8	24.1	36.1
84	81.3	65.8	98.8



#32
1,1,1-Trichloroethane
Concen: 19.369 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX017483.D
Acq: 23 Jul 2020 10:30

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.1	76.7
61	43.1	33.4	50.0

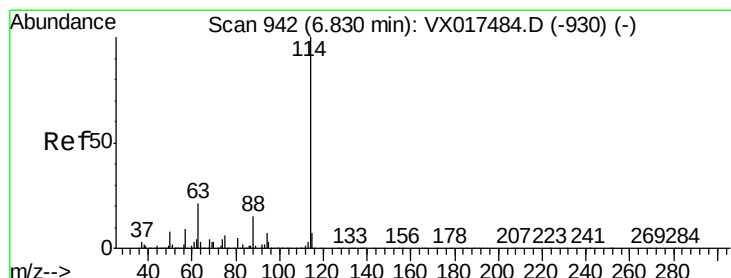
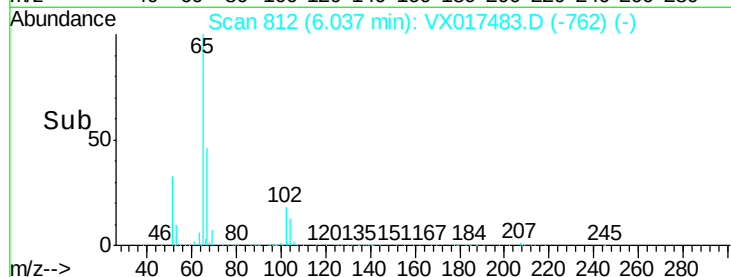
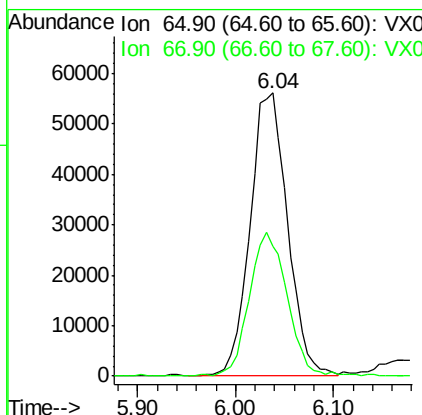
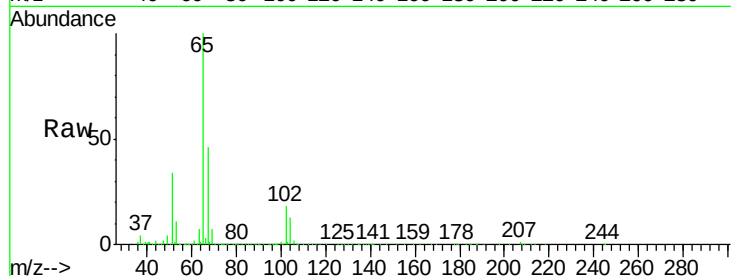




#33
 1,2-Dichloroethane-d4
 Concen: 17.357 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.01 min
 Lab File: VX017483.D
 Acq: 23 Jul 2020 10:30

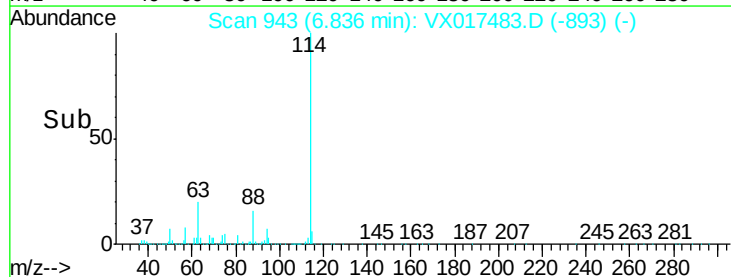
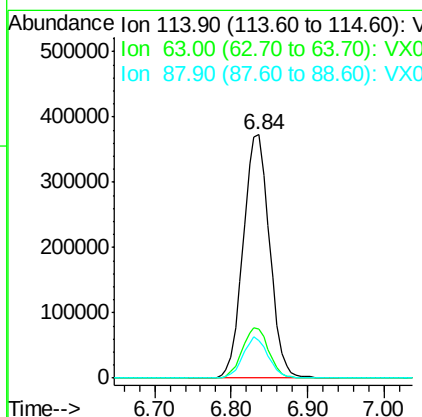
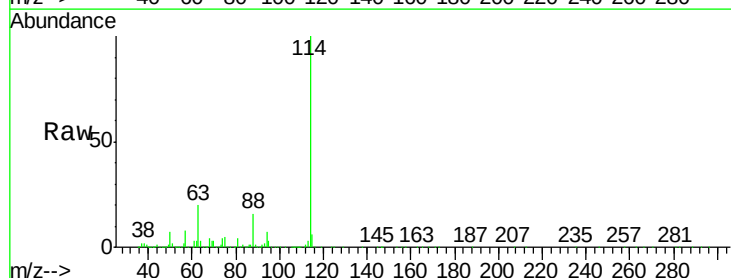
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

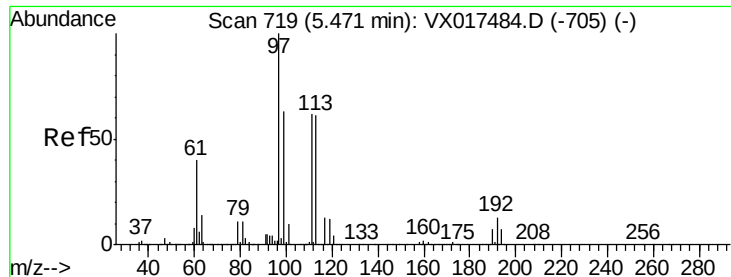
Tgt Ion: 65 Resp: 148517
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX017483.D
 Acq: 23 Jul 2020 10:30

Tgt Ion: 114 Resp: 894885
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 41.2
 88 15.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 18.802 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX017483.D

Acq: 23 Jul 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

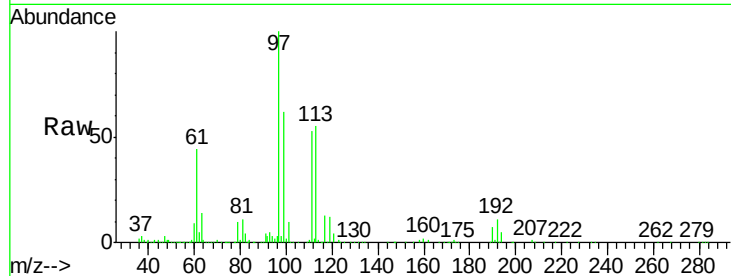
Tgt Ion:113 Resp: 114150

Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.2

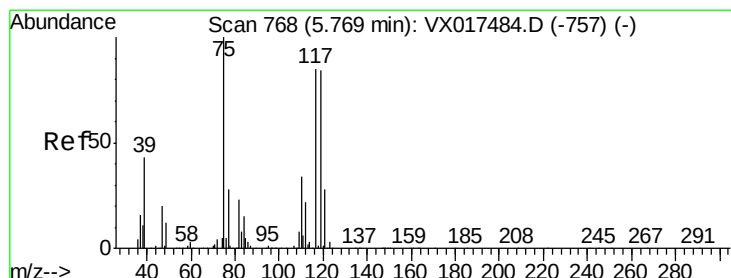
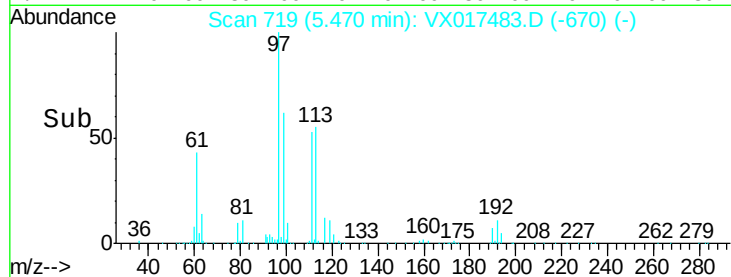
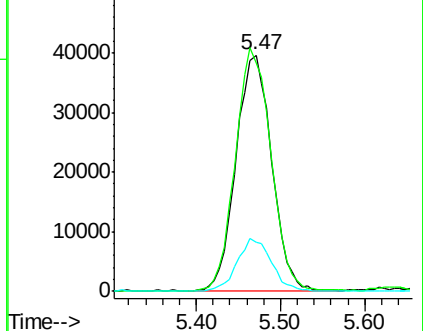
192 21.3 17.0 25.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 21.939 ug/l

RT: 5.78 min Scan# 769

Delta R.T. 0.01 min

Lab File: VX017483.D

Acq: 23 Jul 2020 10:30

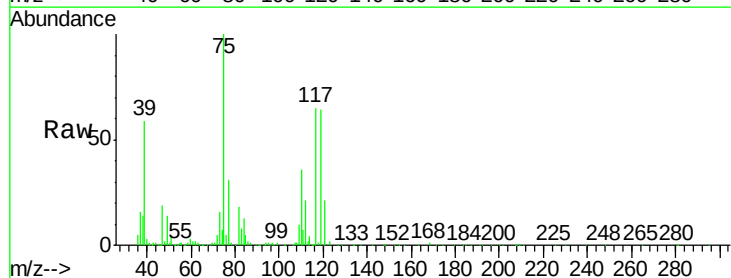
Tgt Ion: 75 Resp: 179953

Ion Ratio Lower Upper

75 100

110 37.1 18.1 54.3

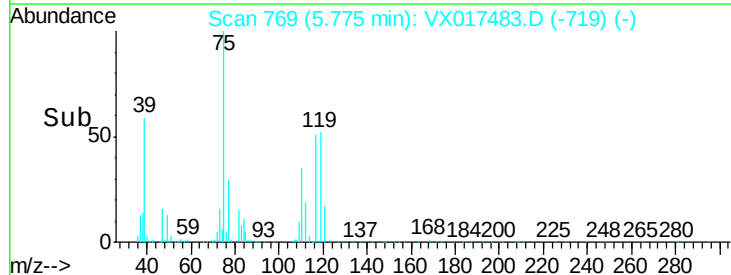
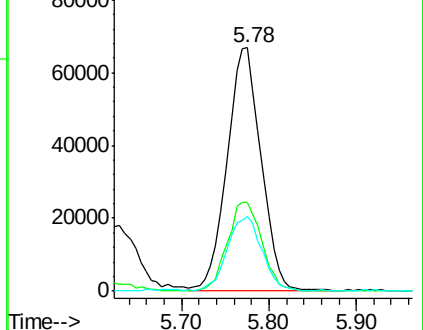
77 31.1 24.5 36.7

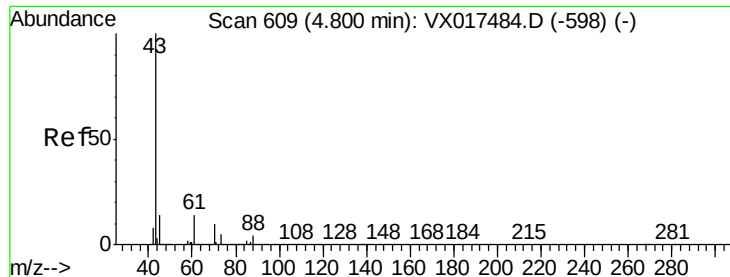


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

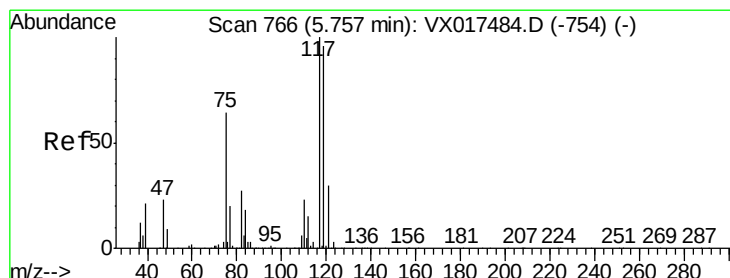
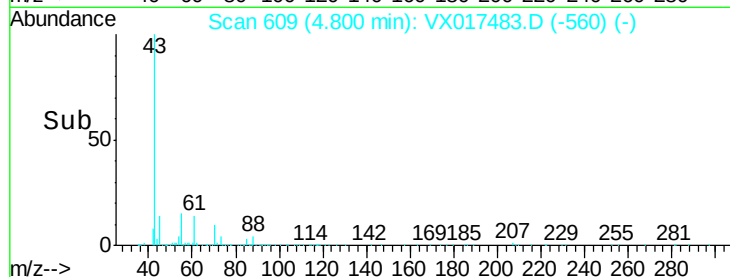
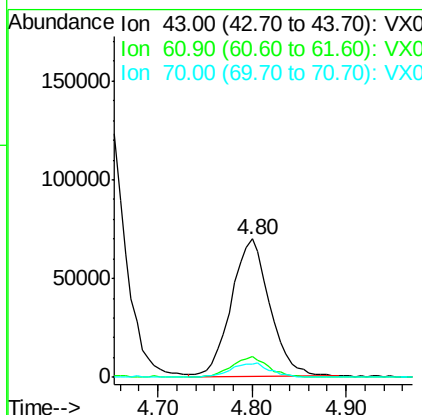
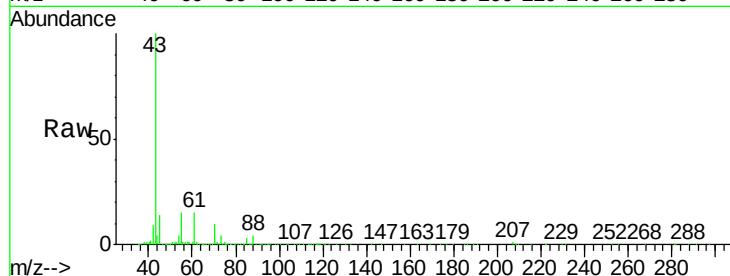




#37
Ethyl Acetate
Concen: 22.703 ug/l
RT: 4.80 min Scan# 609
Delta R.T. -0.00 min
Lab File: VX017483.D
Acq: 23 Jul 2020 10:30

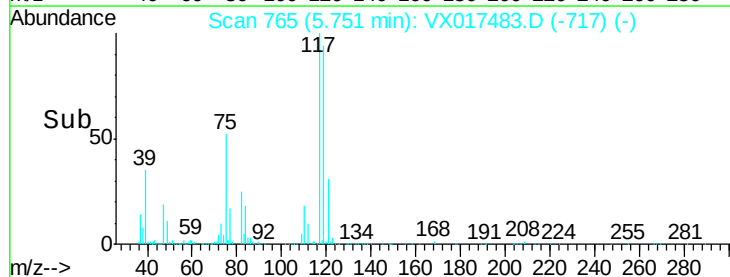
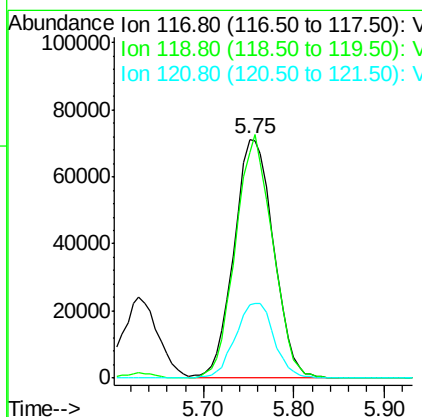
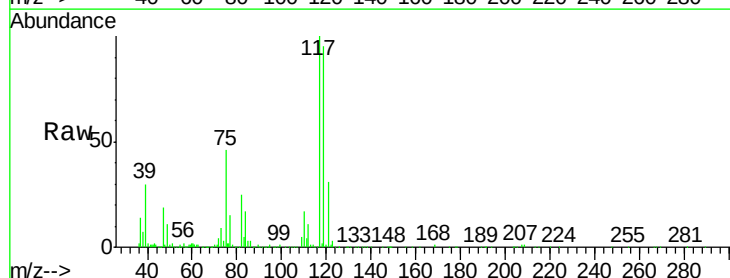
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

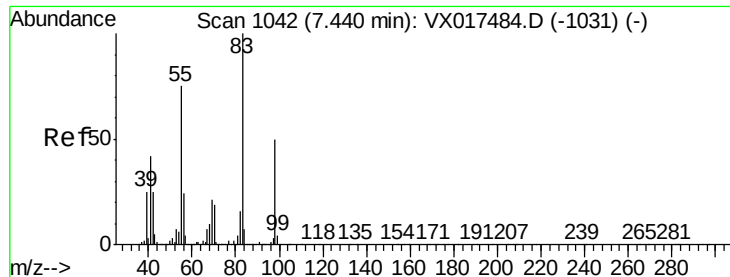
Tgt Ion: 43 Resp: 198846
Ion Ratio Lower Upper
43 100
61 14.2 11.0 16.4
70 10.8 8.4 12.6



#38
Carbon Tetrachloride
Concen: 22.253 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX017483.D
Acq: 23 Jul 2020 10:30

Tgt Ion: 117 Resp: 214441
Ion Ratio Lower Upper
117 100
119 94.8 76.7 115.1
121 31.0 24.2 36.2

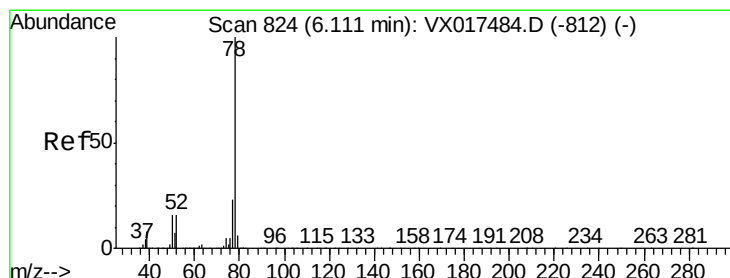
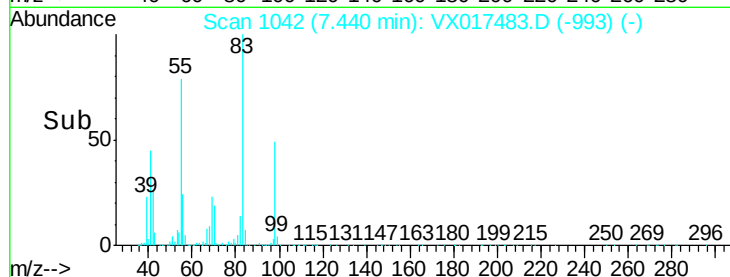
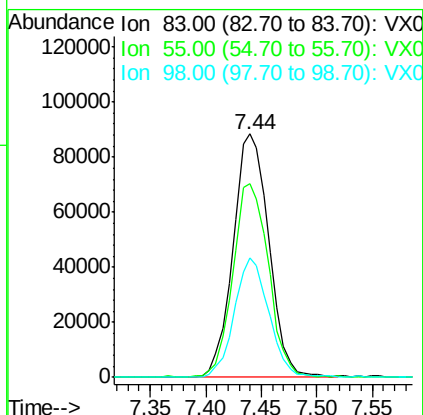
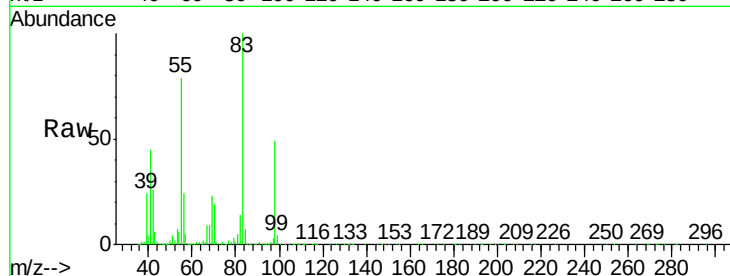




#39
Methylcyclohexane
Concen: 21.961 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017483.D
Acq: 23 Jul 2020 10:30

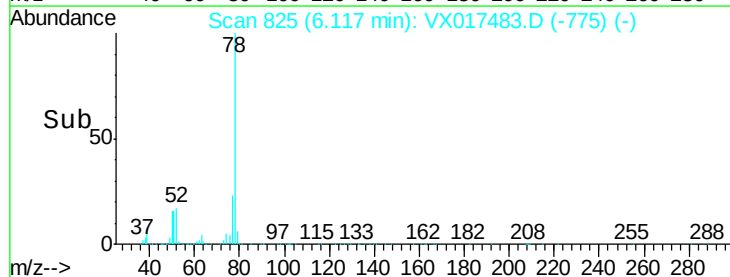
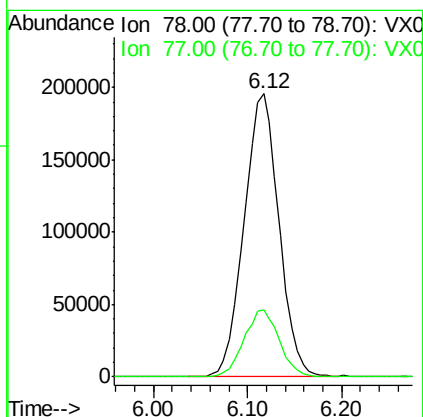
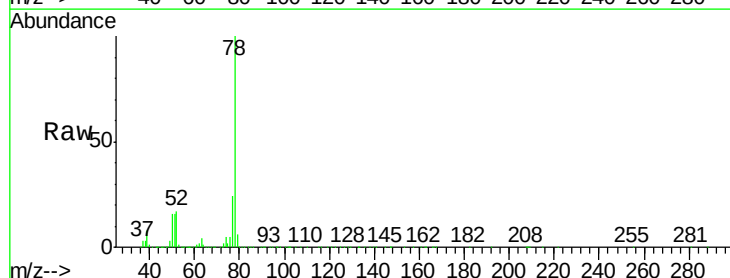
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

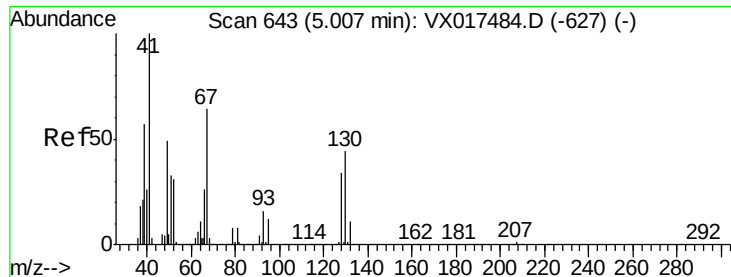
Tgt Ion	Ratio	Lower	Upper
83	100		
55	79.3	60.2	90.2
98	49.1	39.8	59.6



#40
Benzene
Concen: 21.467 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX017483.D
Acq: 23 Jul 2020 10:30

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.2	27.4

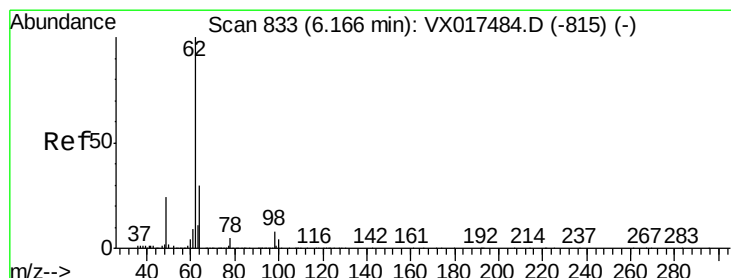
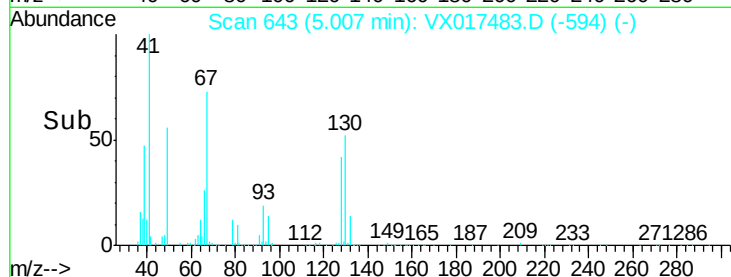
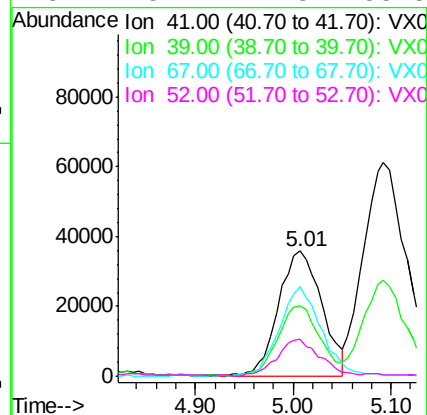
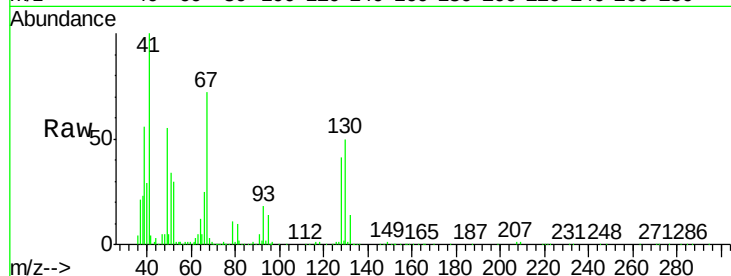




#41
Methacrylonitrile
Concen: 23.680 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX017483.D
Acq: 23 Jul 2020 10:30

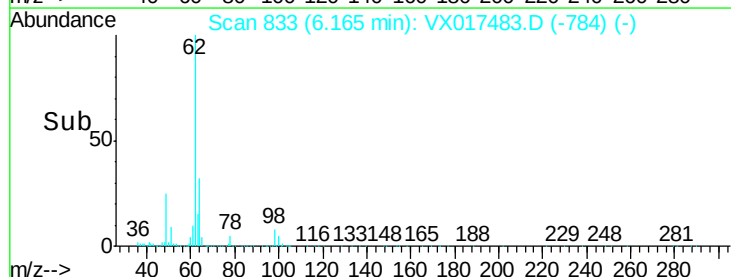
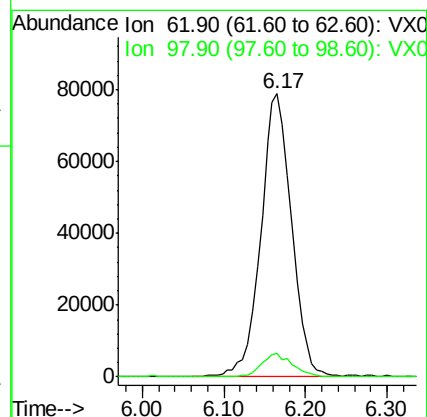
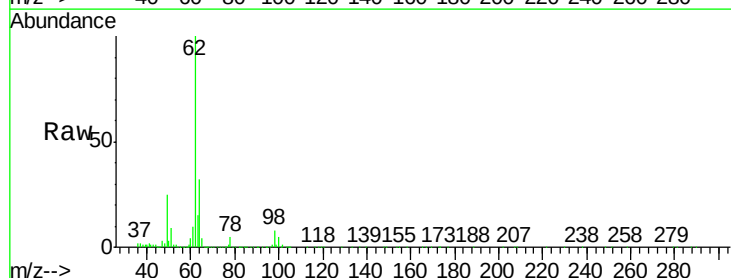
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

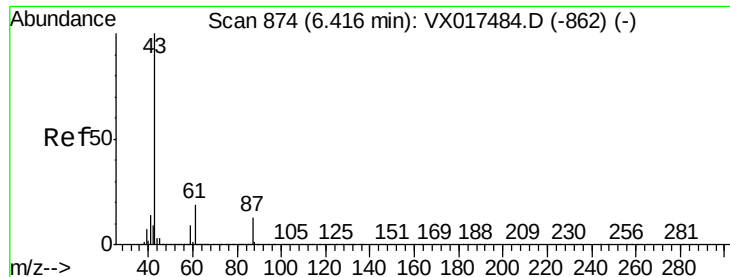
Tgt Ion:	41	Resp:	110792
Ion	Ratio	Lower	Upper
41	100		
39	54.0	44.0	66.0
67	69.7	55.0	82.4
52	28.4	22.3	33.5



#42
1,2-Dichloroethane
Concen: 22.008 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX017483.D
Acq: 23 Jul 2020 10:30

Tgt Ion:	62	Resp:	204625
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	15.6





#43

Isopropyl Acetate

Concen: 20.632 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX017483.D

Acq: 23 Jul 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

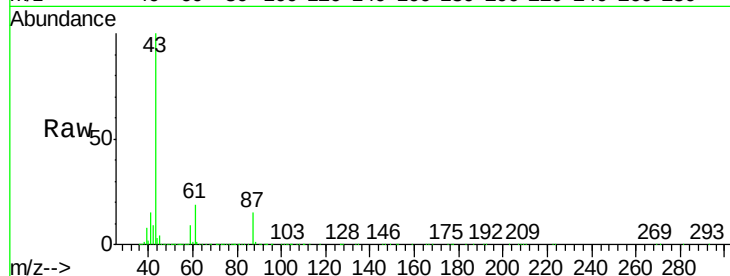
Tgt Ion: 43 Resp: 292462

Ion Ratio Lower Upper

43 100

61 19.6 15.6 23.4

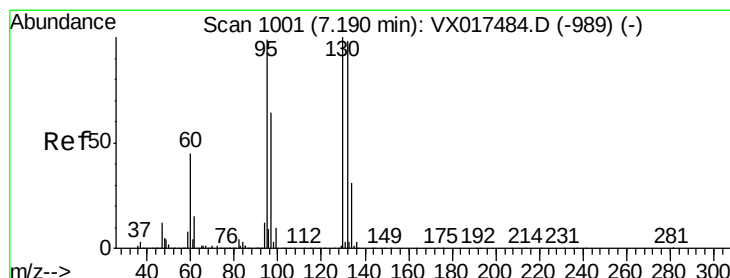
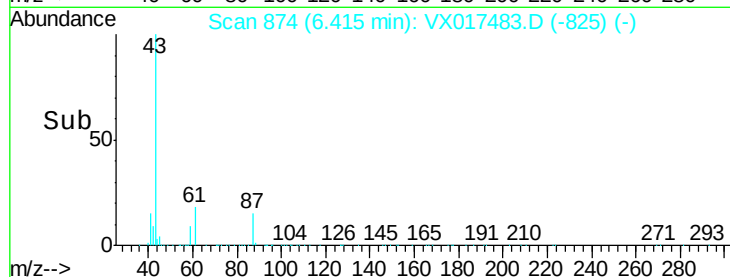
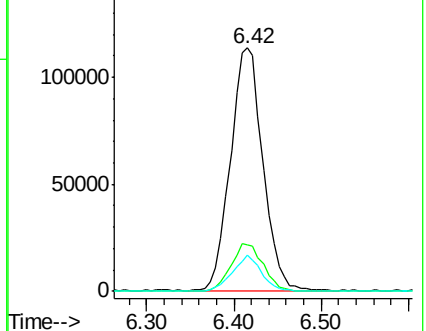
87 13.4 10.4 15.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 20.012 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX017483.D

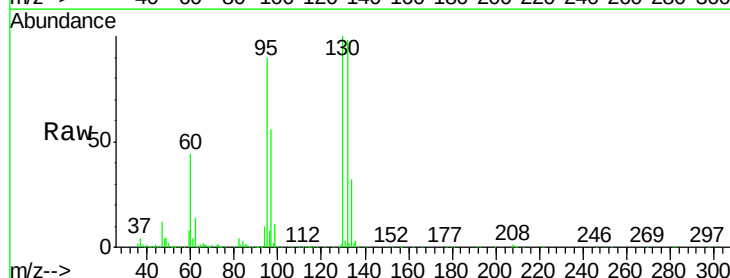
Acq: 23 Jul 2020 10:30

Tgt Ion: 130 Resp: 143219

Ion Ratio Lower Upper

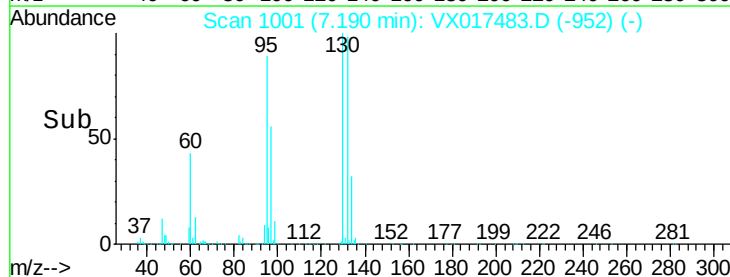
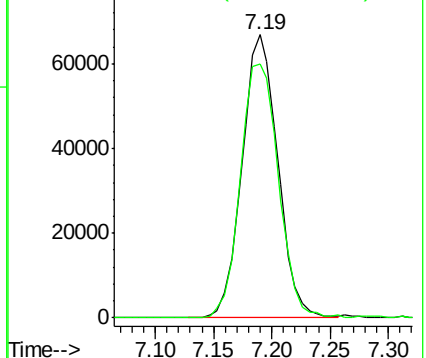
130 100

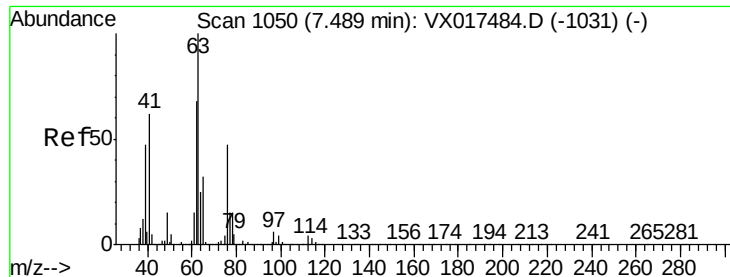
95 89.5 0.0 198.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 21.862 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX017483.D

Acq: 23 Jul 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

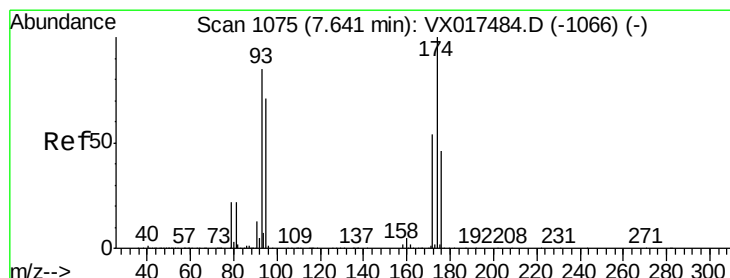
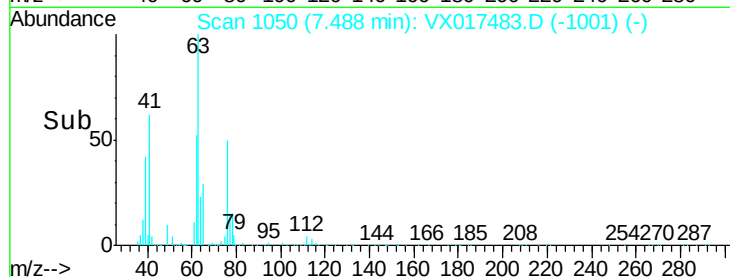
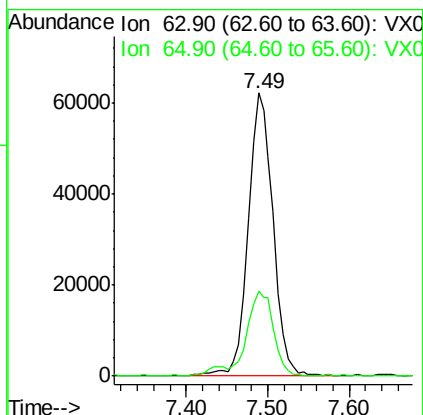
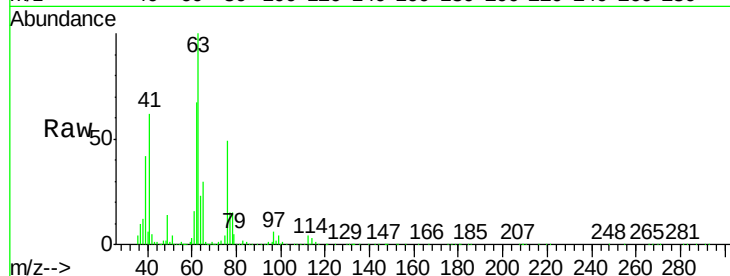
VSTDIC020

Tgt Ion: 63 Resp: 132365

Ion Ratio Lower Upper

63 100

65 29.8 25.4 38.2



#46

Dibromomethane

Concen: 21.483 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX017483.D

Acq: 23 Jul 2020 10:30

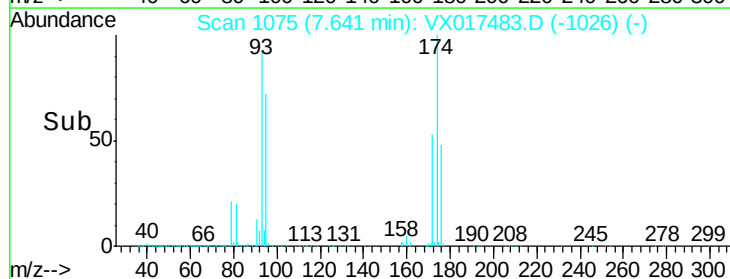
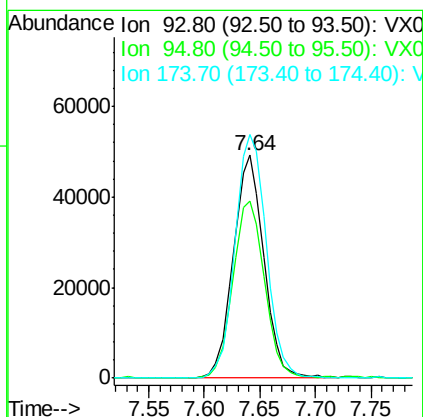
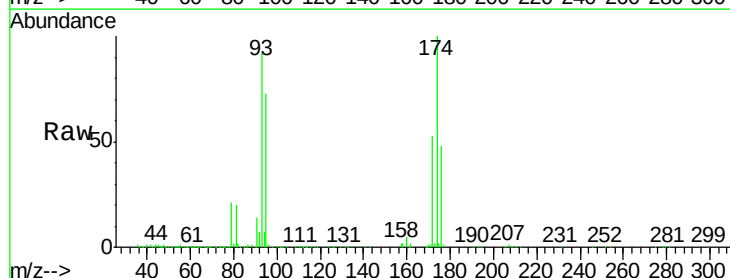
Tgt Ion: 93 Resp: 93648

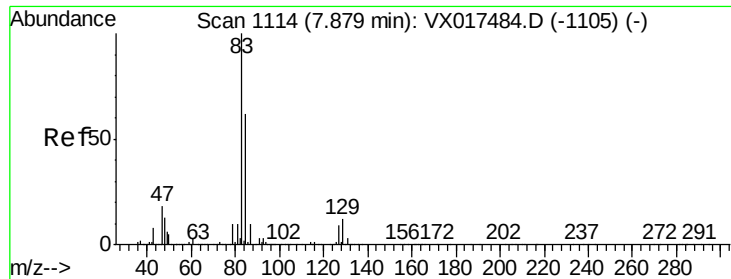
Ion Ratio Lower Upper

93 100

95 82.2 65.7 98.5

174 111.9 91.8 137.8





#47

Bromodichloromethane

Concen: 20.918 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX017483.D

Acq: 23 Jul 2020 10:30

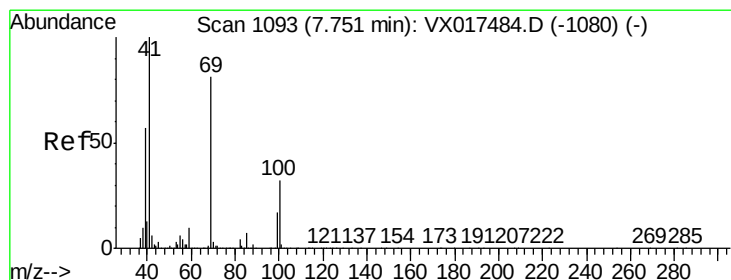
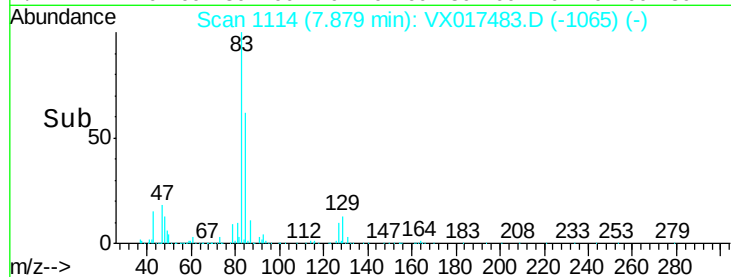
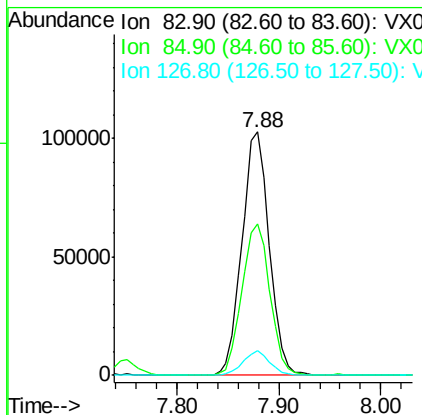
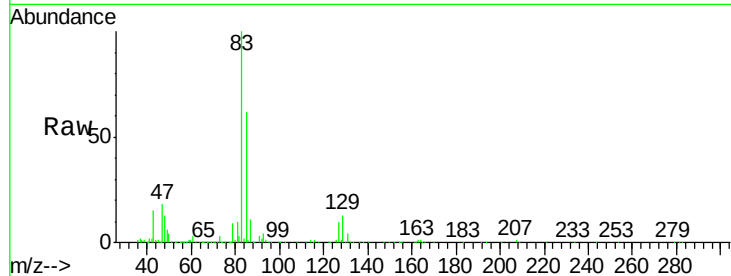
Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion:	83	Resp:	190578
Ion	Ratio	Lower	Upper
83	100		
85	61.9	49.6	74.4
127	10.2	7.4	11.2



#48

Methyl methacrylate

Concen: 22.695 ug/l

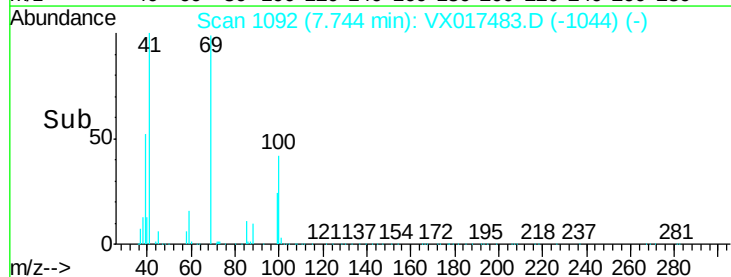
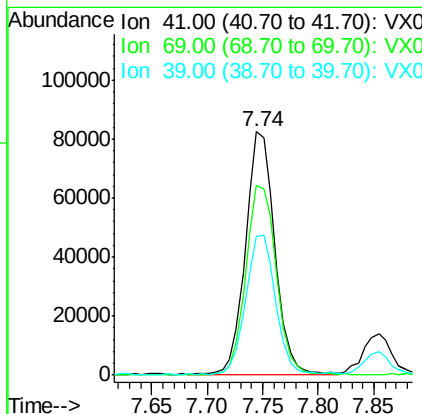
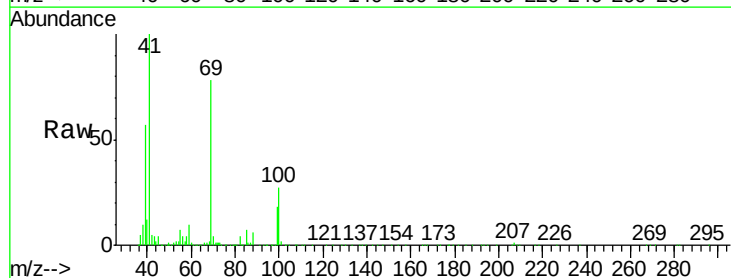
RT: 7.74 min Scan# 1092

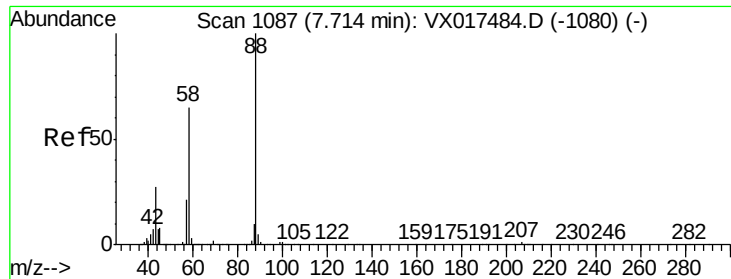
Delta R.T. -0.01 min

Lab File: VX017483.D

Acq: 23 Jul 2020 10:30

Tgt Ion:	41	Resp:	150191
Ion	Ratio	Lower	Upper
41	100		
69	81.5	64.3	96.5
39	59.5	46.8	70.2

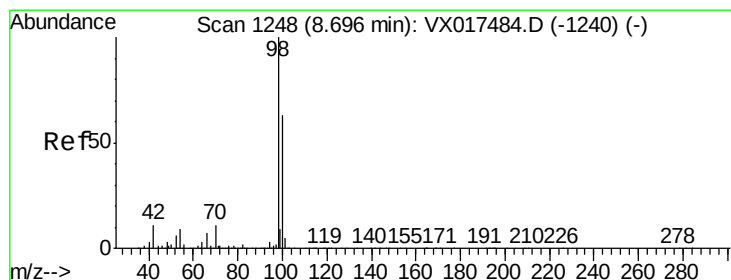
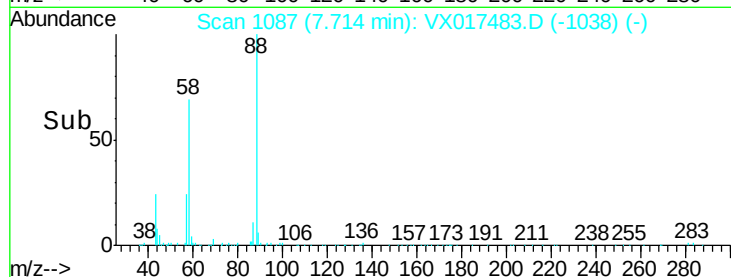
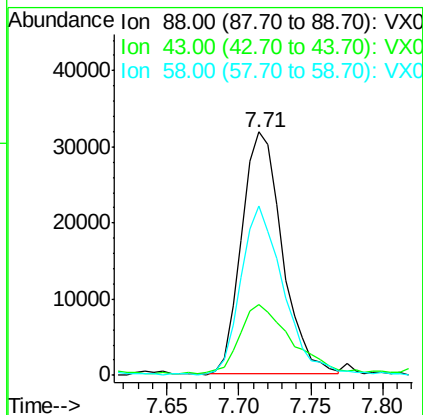
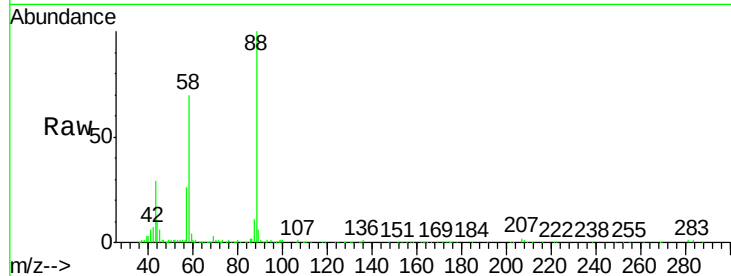




#49
1,4-Dioxane
Concen: 469.006 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017483.D
Acq: 23 Jul 2020 10:30

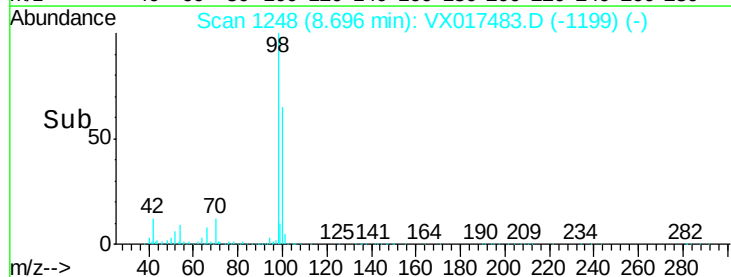
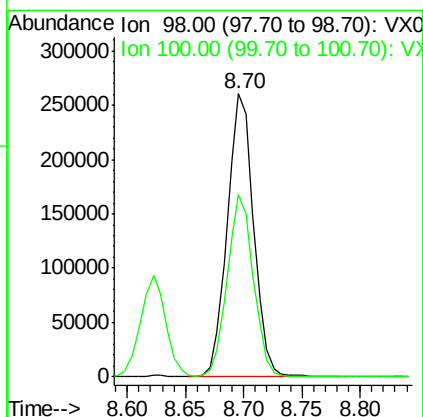
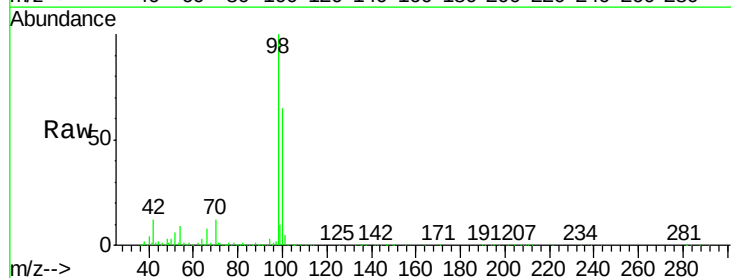
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

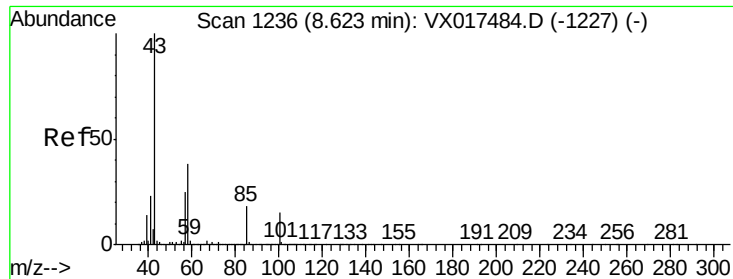
Tgt Ion: 88 Resp: 62532
Ion Ratio Lower Upper
88 100
43 35.9 27.3 40.9
58 72.8 55.5 83.3



#50
Toluene-d8
Concen: 18.762 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017483.D
Acq: 23 Jul 2020 10:30

Tgt Ion: 98 Resp: 408761
Ion Ratio Lower Upper
98 100
100 63.8 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 107.768 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX017483.D

Acq: 23 Jul 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 43 Resp: 913109

Ion Ratio Lower Upper

43 100

58 38.6 30.6 46.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.62

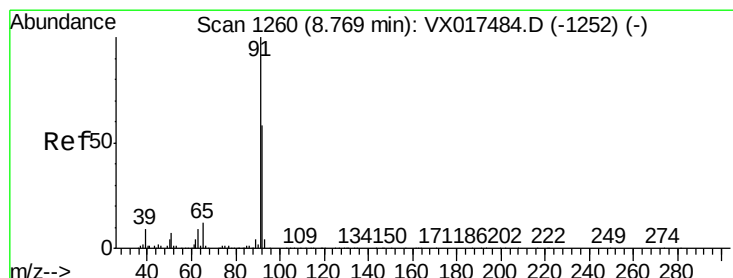
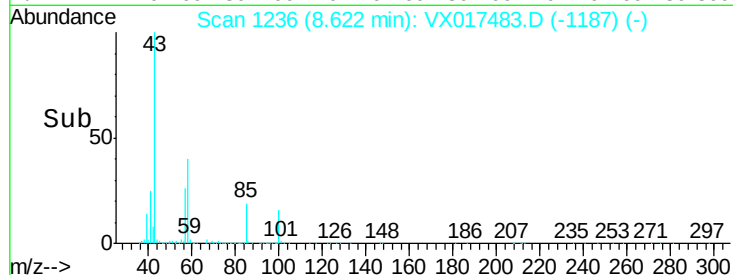
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 20.916 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX017483.D

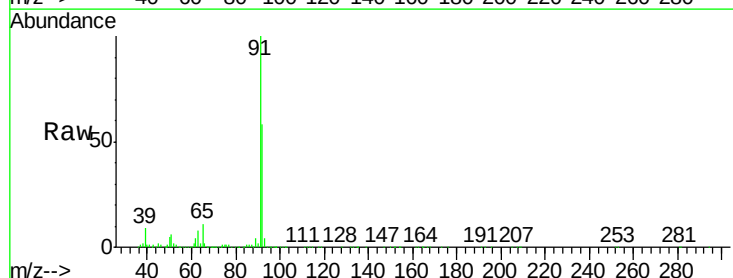
Acq: 23 Jul 2020 10:30

Tgt Ion: 92 Resp: 315300

Ion Ratio Lower Upper

92 100

91 173.1 138.5 207.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.77

400000

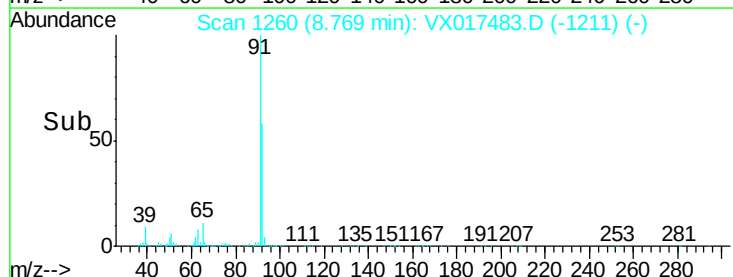
300000

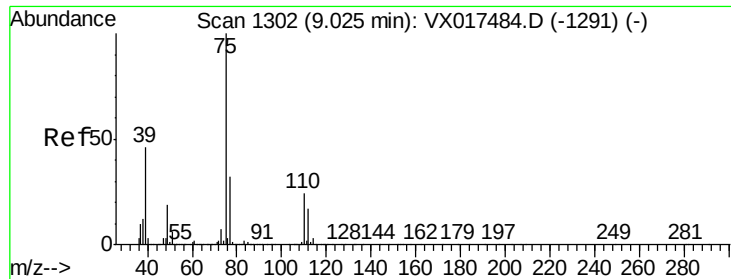
200000

100000

0

Time-->

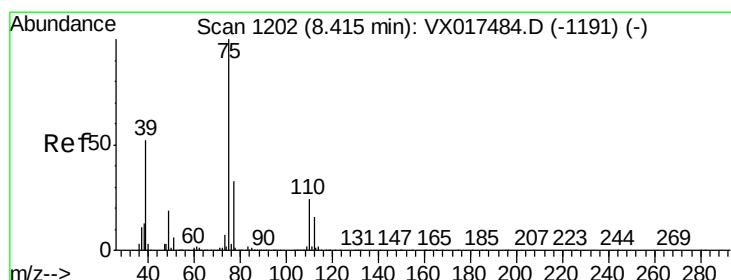
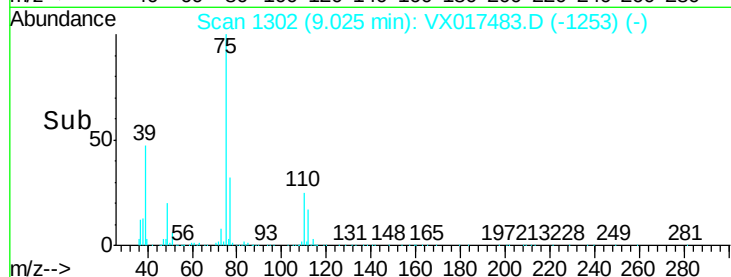
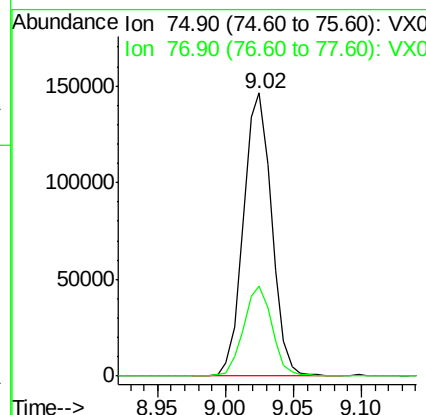
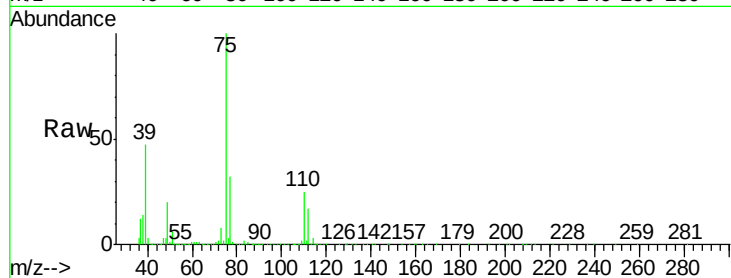




#53
 t-1,3-Dichloropropene
 Concen: 21.323 ug/l
 RT: 9.02 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: VX017483.D
 Acq: 23 Jul 2020 10:30

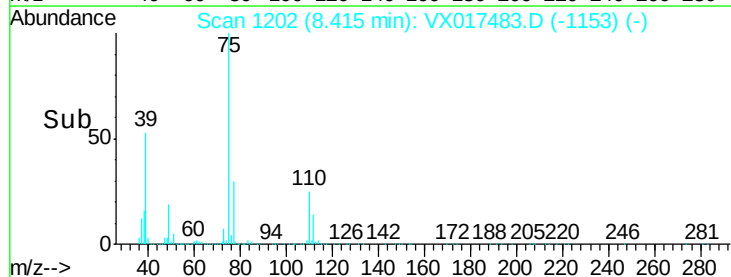
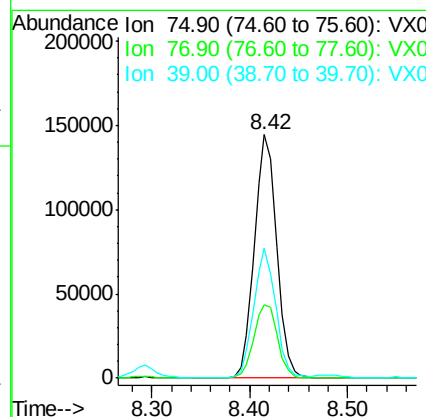
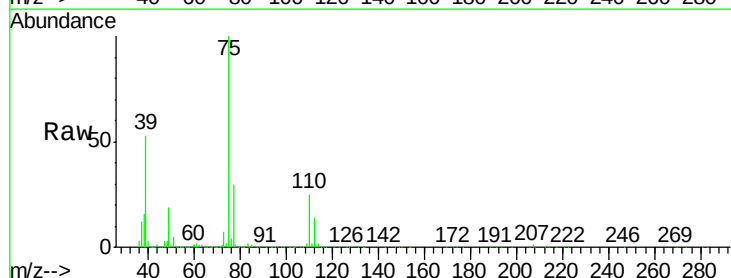
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

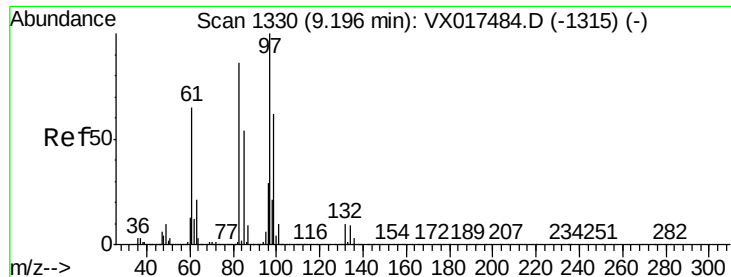
Tgt Ion: 75 Resp: 212577
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 21.876 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX017483.D
 Acq: 23 Jul 2020 10:30

Tgt Ion: 75 Resp: 229233
 Ion Ratio Lower Upper
 75 100
 77 30.1 26.6 39.8
 39 53.2 41.1 61.7

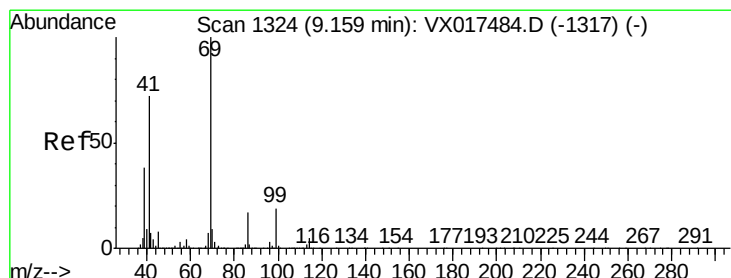
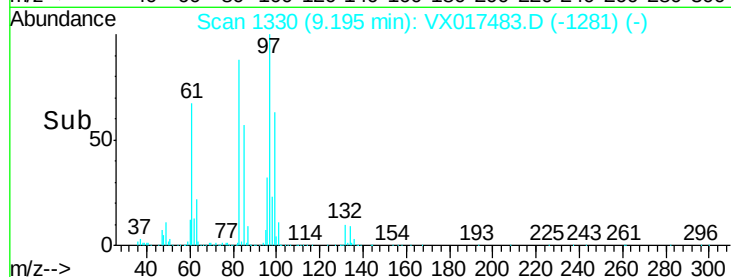
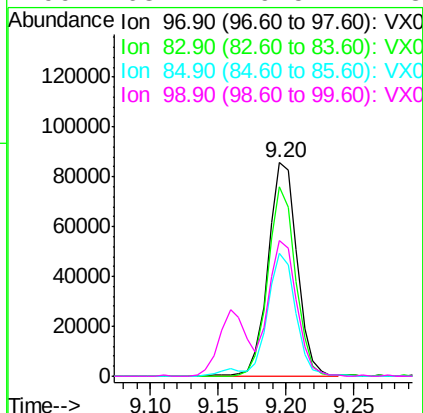
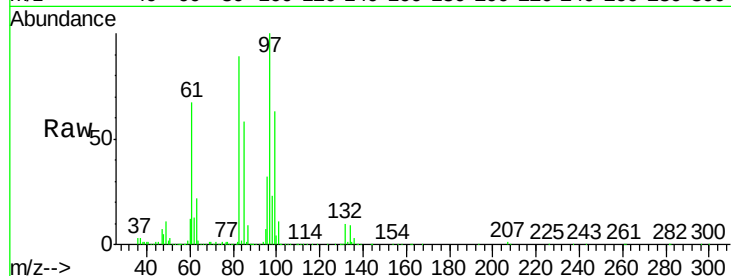




#55
 1,1,2-Trichloroethane
 Concen: 20.207 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017483.D
 Acq: 23 Jul 2020 10:30

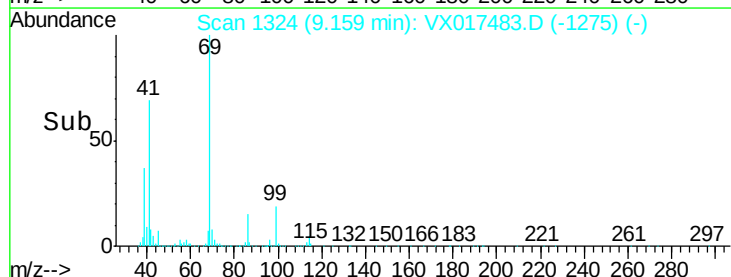
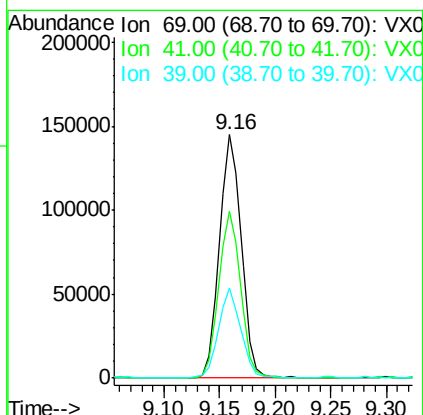
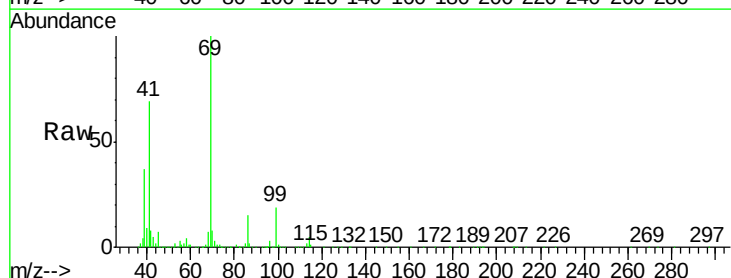
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

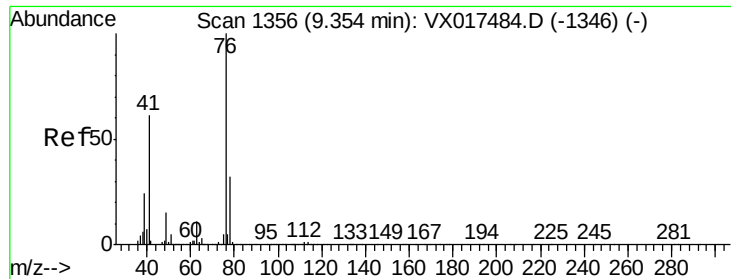
Tgt Ion:	97	Resp:	128420
Ion	Ratio	Lower	Upper
97	100		
83	88.4	68.9	103.3
85	57.4	43.6	65.4
99	63.2	49.5	74.3



#56
 Ethyl methacrylate
 Concen: 21.686 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017483.D
 Acq: 23 Jul 2020 10:30

Tgt Ion:	69	Resp:	198082
Ion	Ratio	Lower	Upper
69	100		
41	67.9	55.5	83.3
39	36.7	30.4	45.6

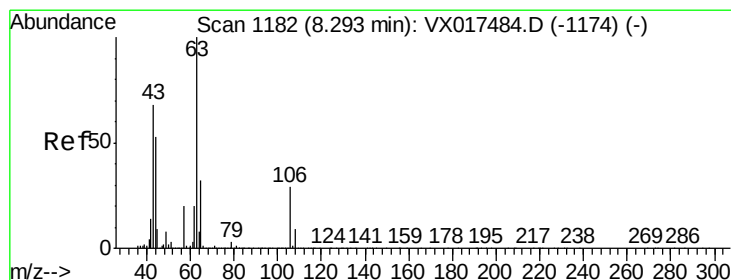
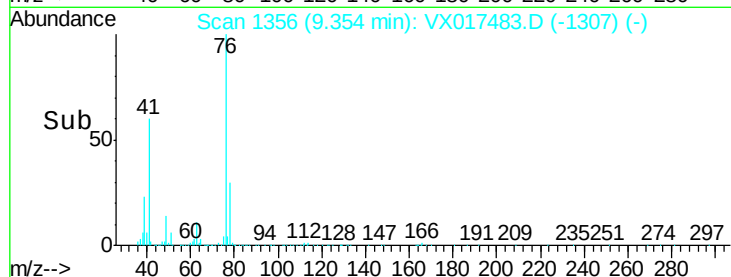
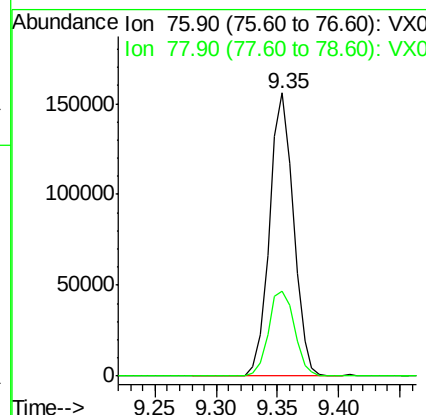
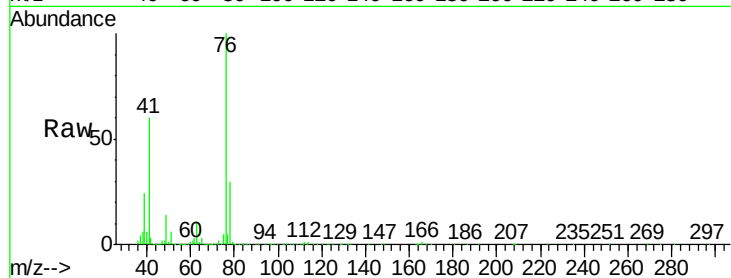




#57
 1,3-Dichloropropane
 Concen: 20.101 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX017483.D
 Acq: 23 Jul 2020 10:30

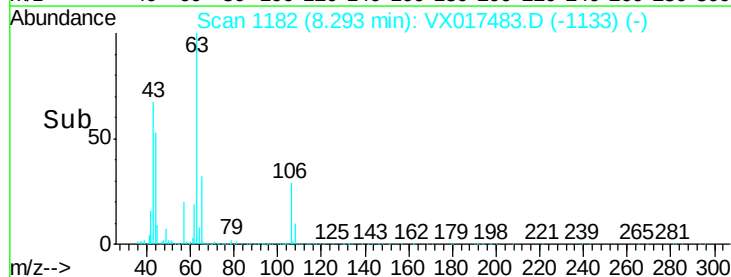
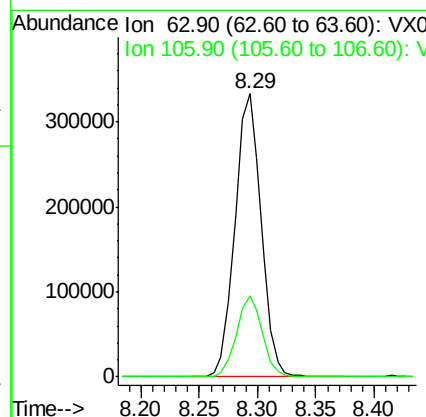
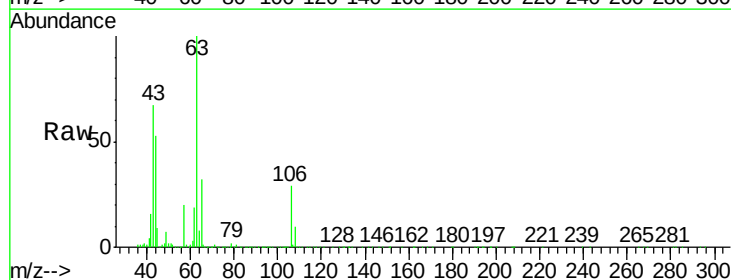
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

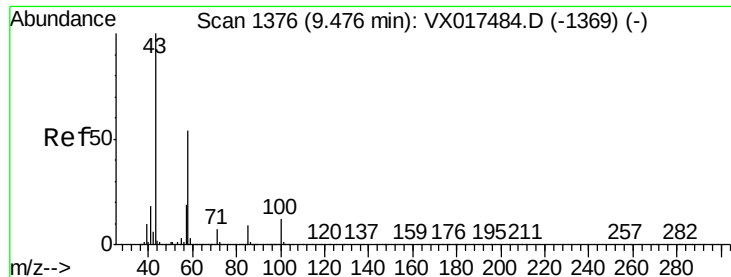
Tgt Ion: 76 Resp: 212800
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 112.772 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX017483.D
 Acq: 23 Jul 2020 10:30

Tgt Ion: 63 Resp: 522160
 Ion Ratio Lower Upper
 63 100
 106 28.3 22.8 34.2

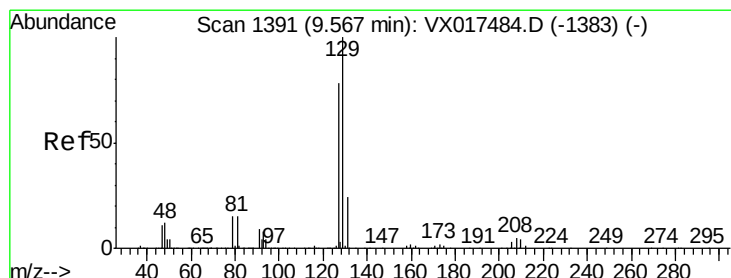
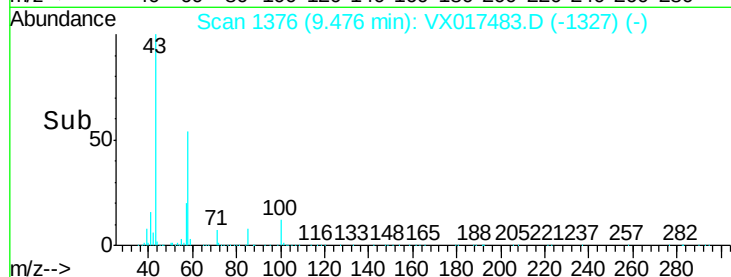
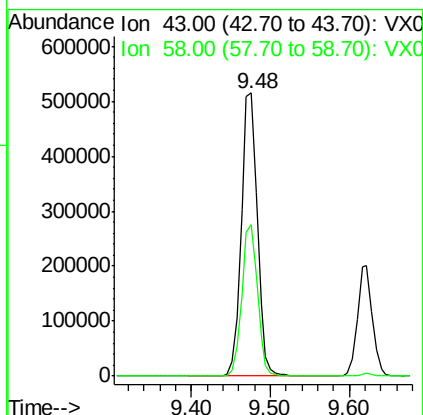
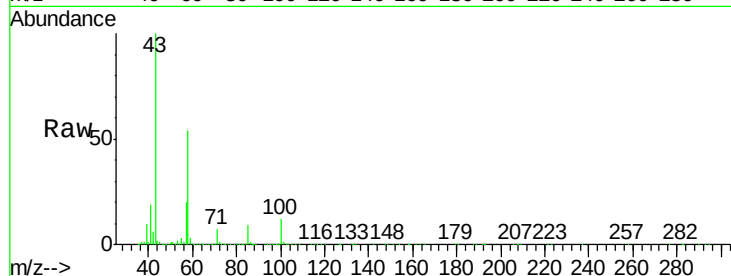




#59
2-Hexanone
Concen: 113.467 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX017483.D
Acq: 23 Jul 2020 10:30

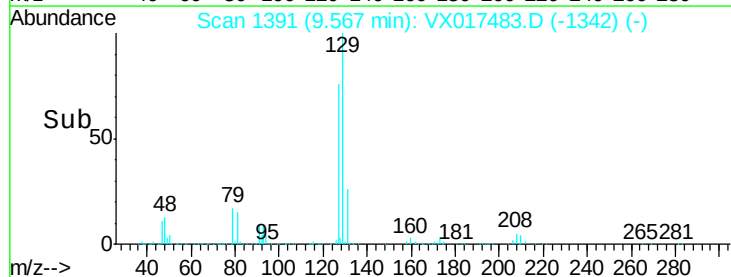
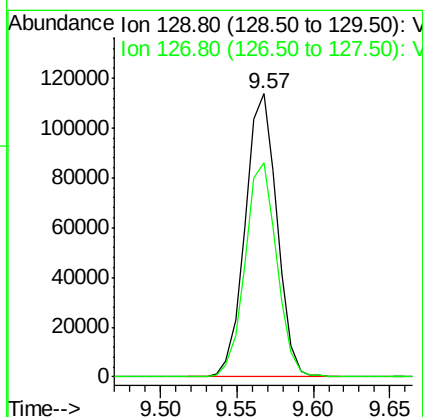
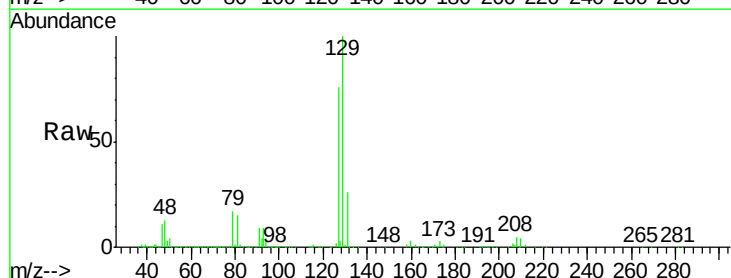
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

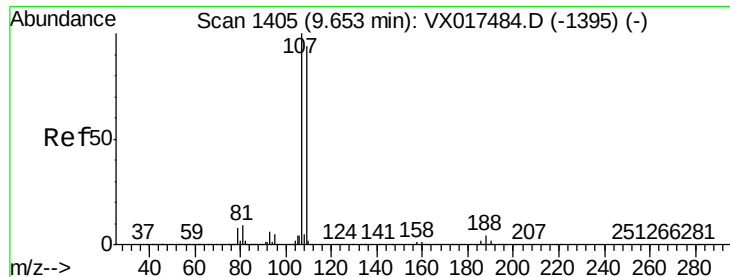
Tgt Ion: 43 Resp: 729102
Ion Ratio Lower Upper
43 100
58 52.4 26.3 78.8



#60
Dibromochloromethane
Concen: 21.035 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017483.D
Acq: 23 Jul 2020 10:30

Tgt Ion: 129 Resp: 164222
Ion Ratio Lower Upper
129 100
127 75.2 38.6 115.7

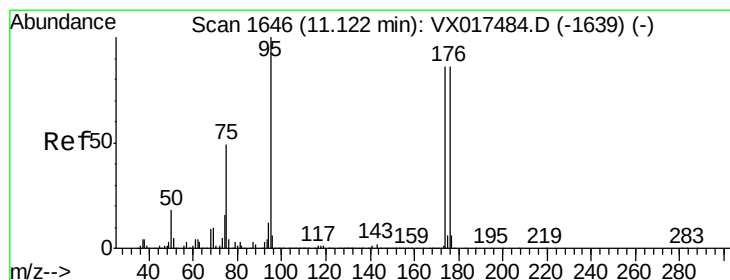
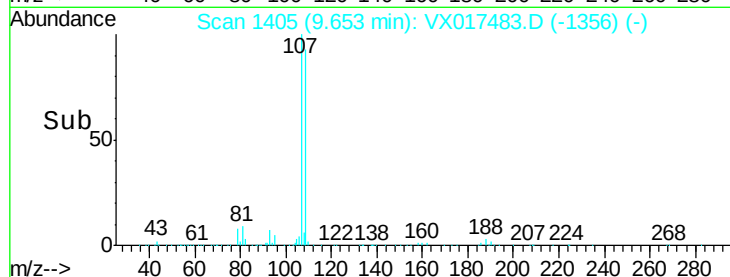
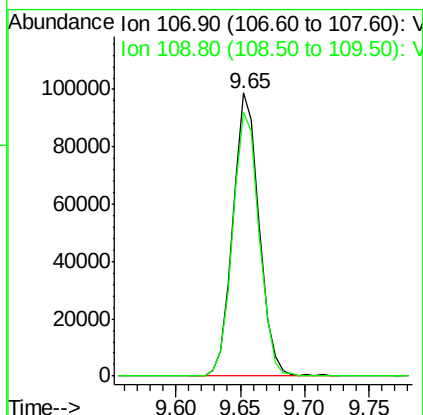
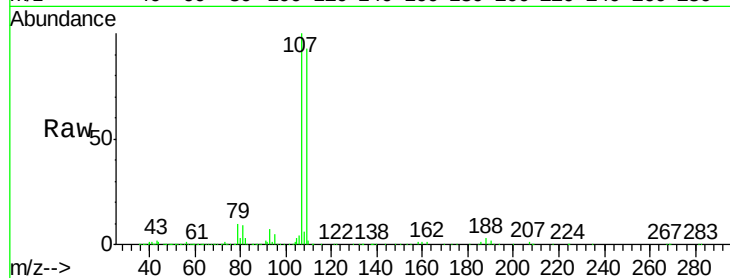




#61
 1,2-Dibromoethane
 Concen: 20.089 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX017483.D
 Acq: 23 Jul 2020 10:30

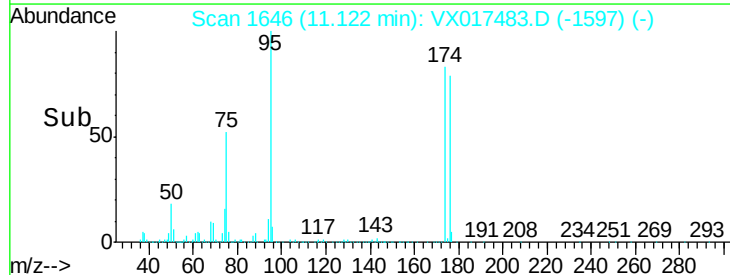
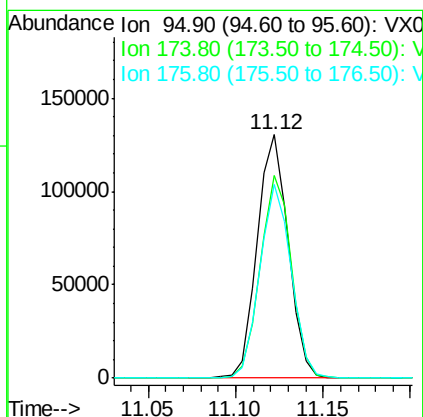
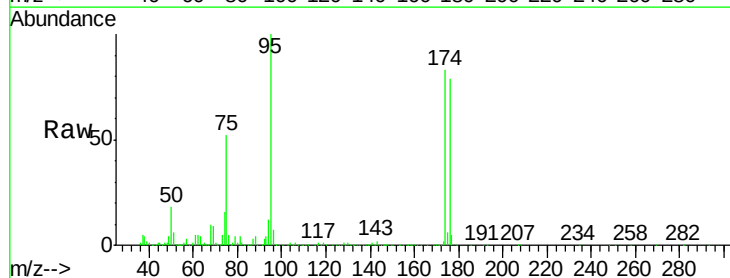
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

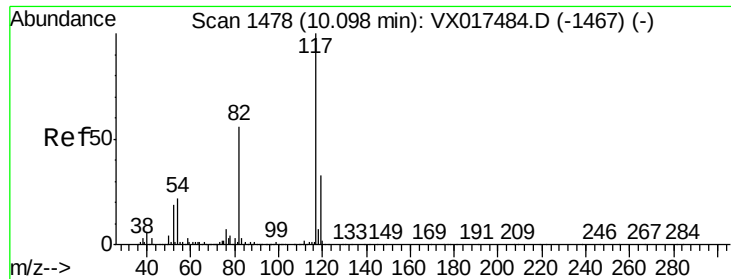
Tgt Ion: 107 Resp: 139185
 Ion Ratio Lower Upper
 107 100
 109 95.0 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 18.793 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX017483.D
 Acq: 23 Jul 2020 10:30

Tgt Ion: 95 Resp: 160836
 Ion Ratio Lower Upper
 95 100
 174 83.7 0.0 169.2
 176 80.4 0.0 167.2

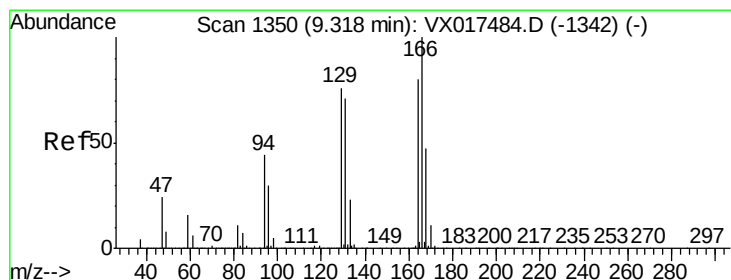
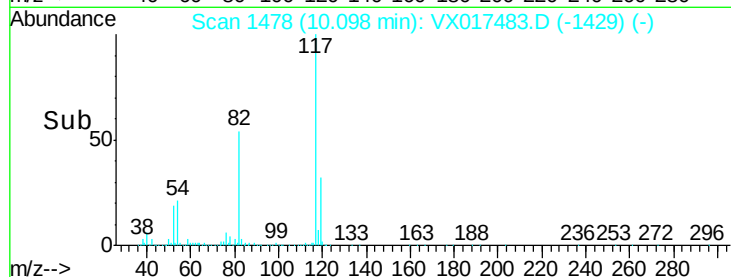
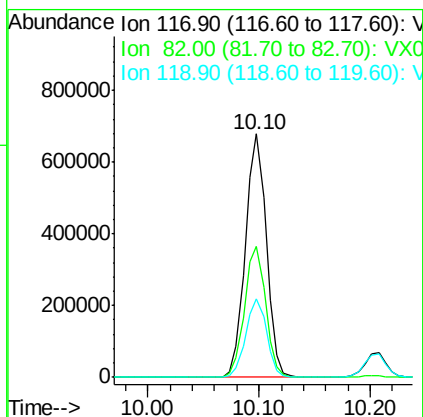
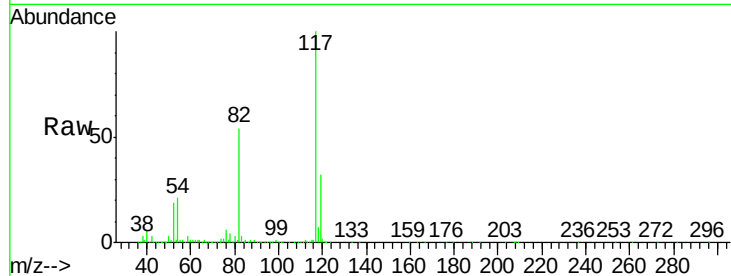




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017483.D
Acq: 23 Jul 2020 10:30

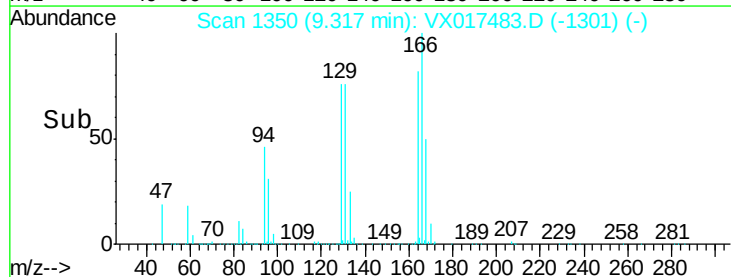
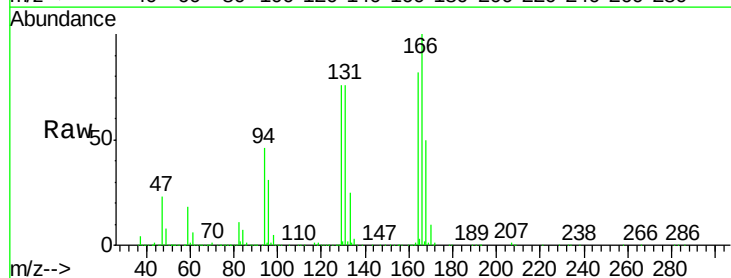
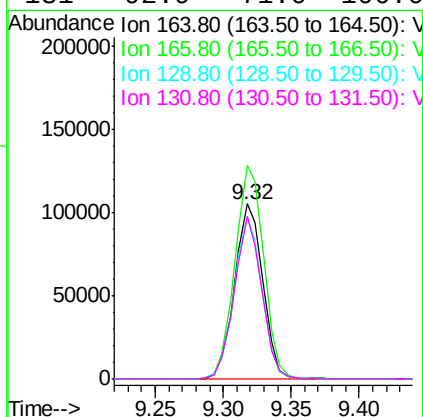
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

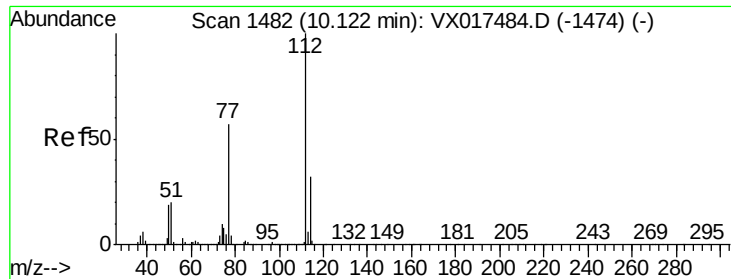
Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.8	44.6	66.8
119	32.3	26.6	39.8



#64
Tetrachloroethene
Concen: 19.790 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017483.D
Acq: 23 Jul 2020 10:30

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.2	100.2	150.4
129	93.0	75.8	113.6
131	92.9	71.0	106.6

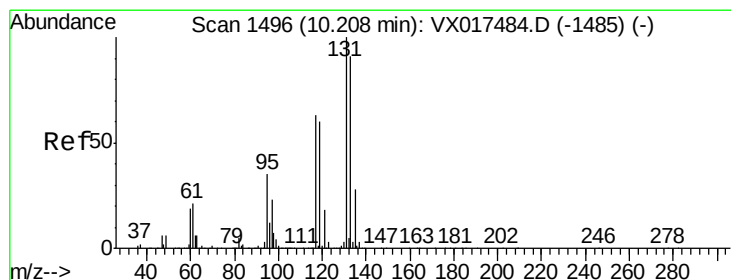
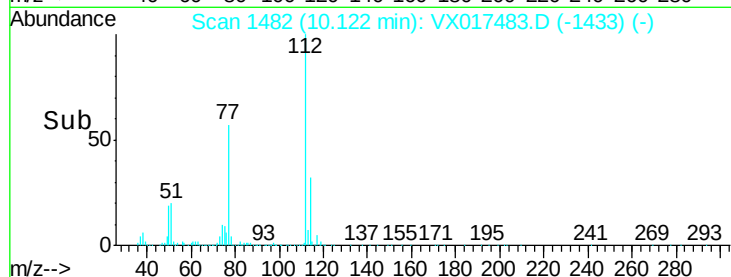
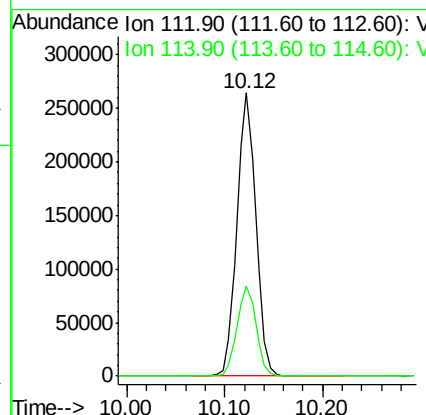
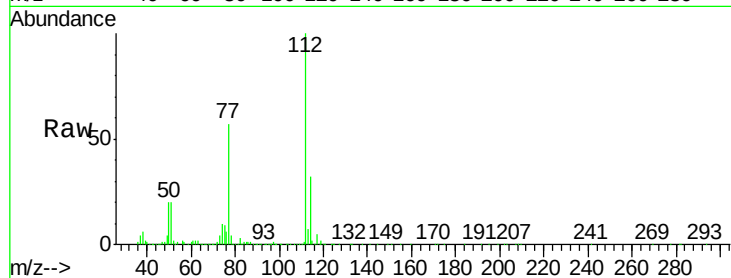




#65
Chlorobenzene
Concen: 19.592 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017483.D
Acq: 23 Jul 2020 10:30

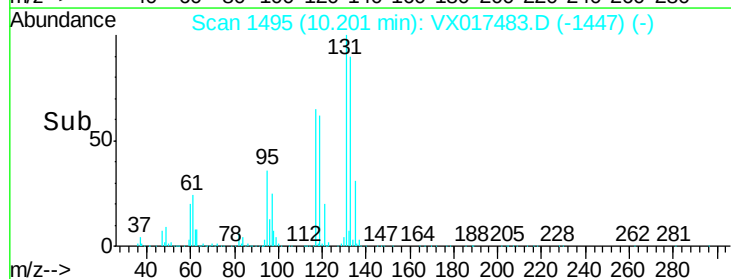
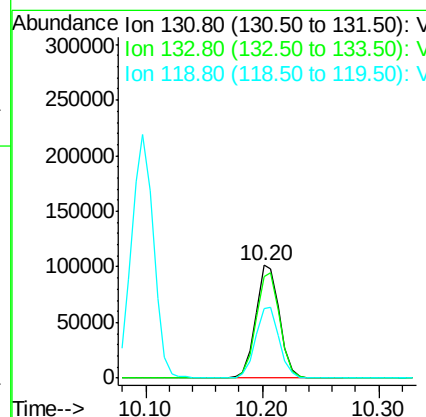
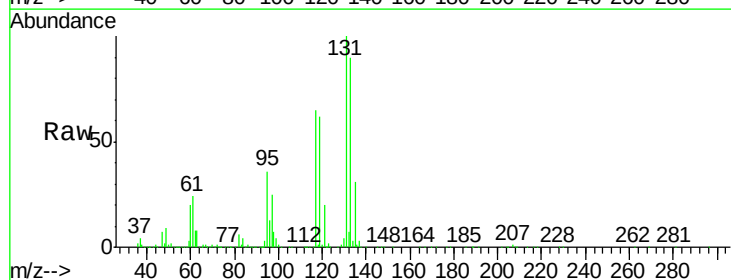
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

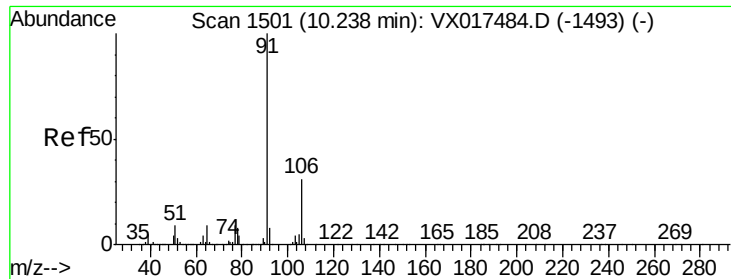
Tgt Ion:112 Resp: 356208
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.807 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX017483.D
Acq: 23 Jul 2020 10:30

Tgt Ion:131 Resp: 143284
Ion Ratio Lower Upper
131 100
133 93.3 46.9 140.7
119 63.1 30.9 92.8





#67

Ethyl Benzene

Concen: 20.356 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX017483.D

Acq: 23 Jul 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

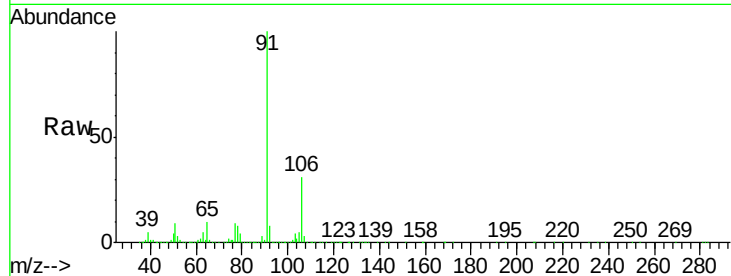
VSTDIC020

Tgt Ion: 91 Resp: 613386

Ion Ratio Lower Upper

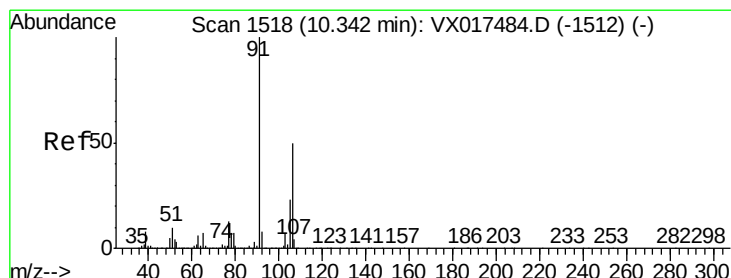
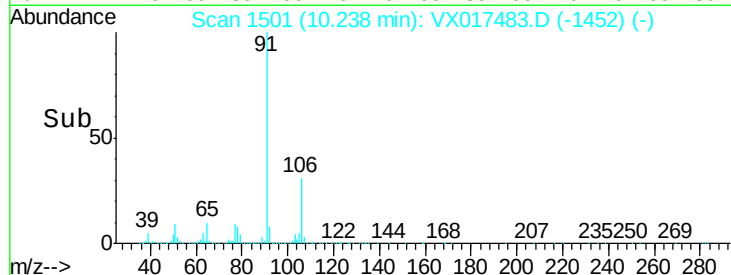
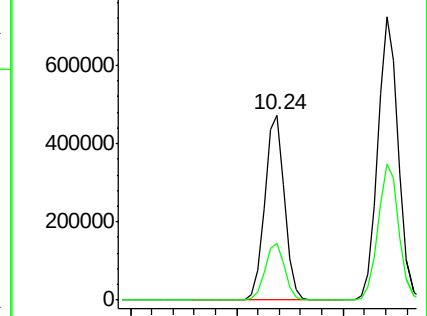
91 100

106 31.0 25.1 37.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 40.706 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017483.D

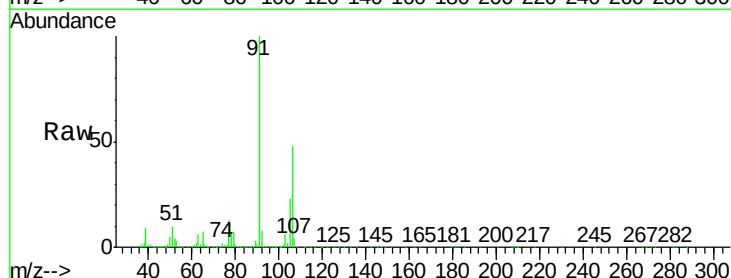
Acq: 23 Jul 2020 10:30

Tgt Ion: 106 Resp: 468583

Ion Ratio Lower Upper

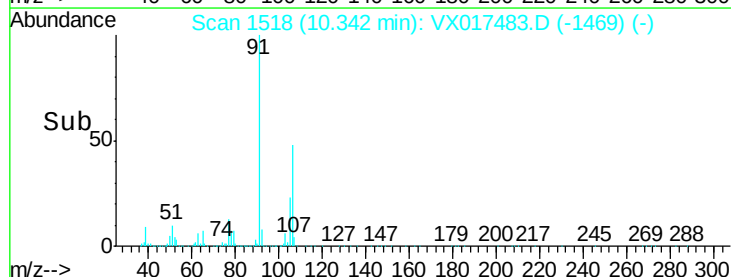
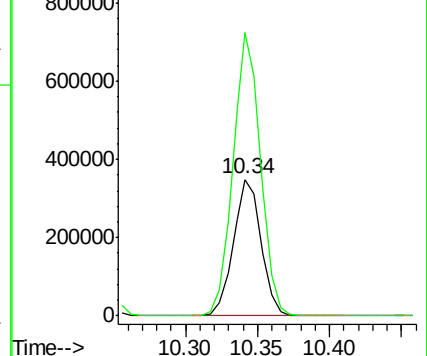
106 100

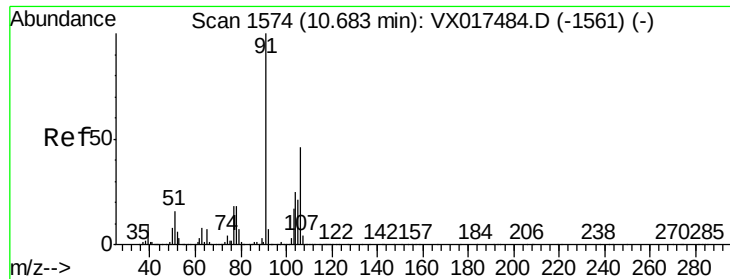
91 205.9 163.4 245.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

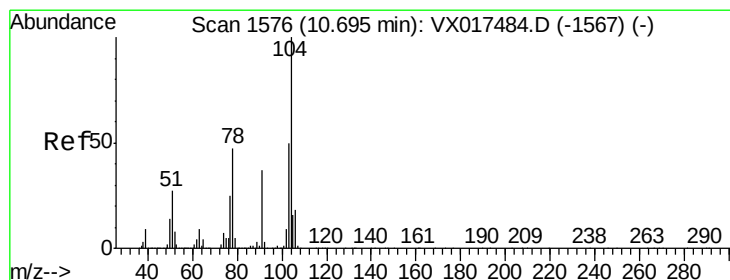
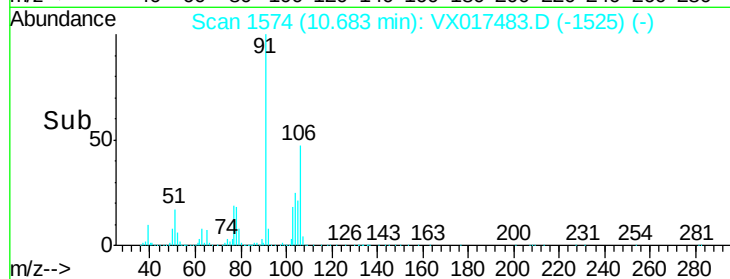
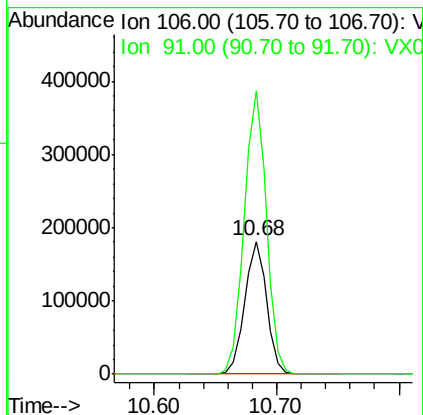
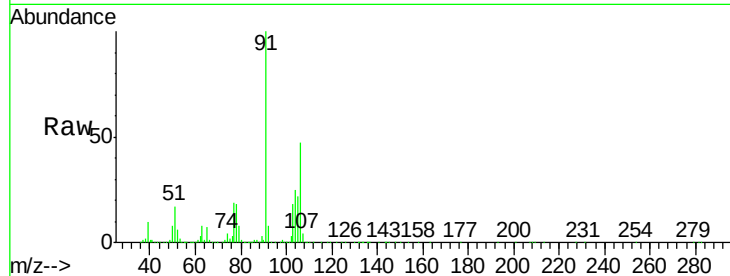




#69
o-Xylene
Concen: 20.347 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017483.D
Acq: 23 Jul 2020 10:30

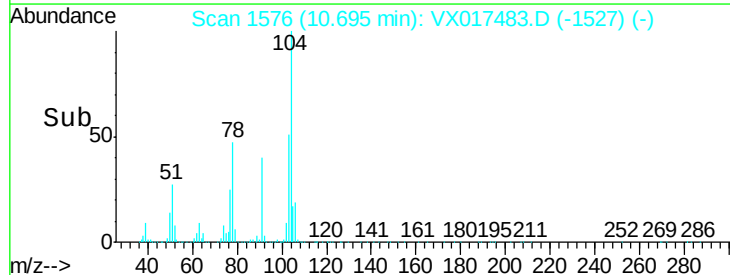
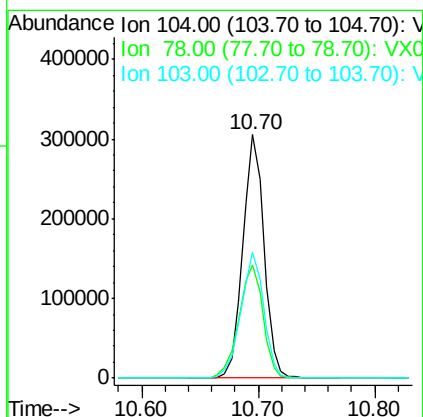
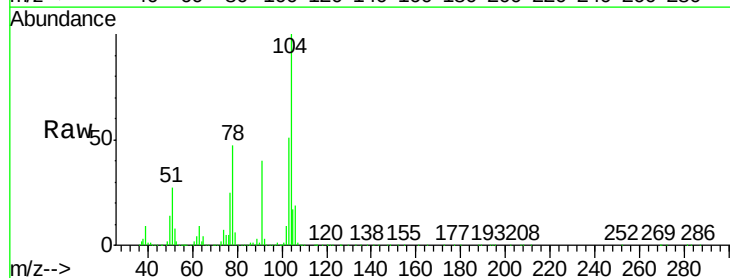
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

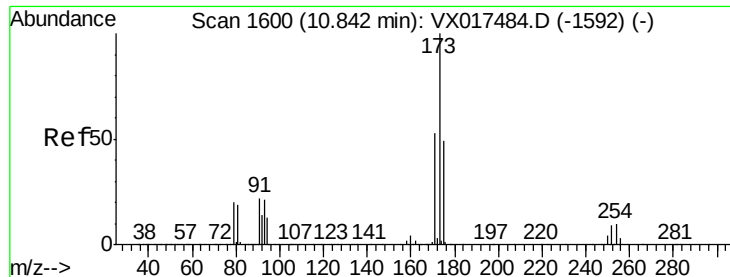
Tgt Ion:106 Resp: 223781
Ion Ratio Lower Upper
106 100
91 216.7 107.6 322.8



#70
Styrene
Concen: 20.648 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017483.D
Acq: 23 Jul 2020 10:30

Tgt Ion:104 Resp: 390582
Ion Ratio Lower Upper
104 100
78 52.6 41.4 62.2
103 55.8 43.5 65.3





#71

Bromoform

Concen: 20.274 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017483.D

Acq: 23 Jul 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

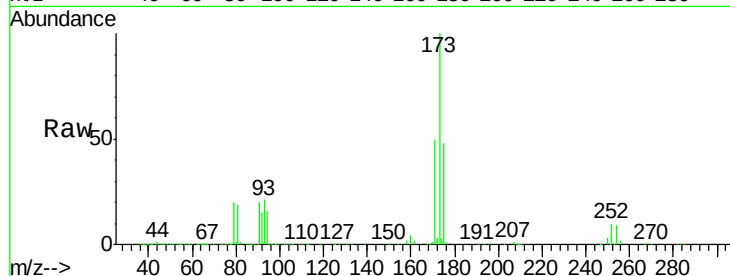
Tgt Ion:173 Resp: 124746

Ion Ratio Lower Upper

173 100

175 48.8 24.6 73.6

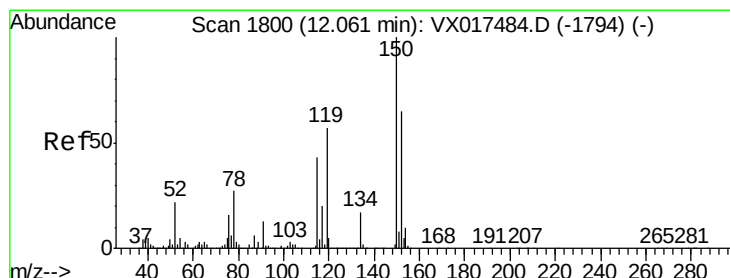
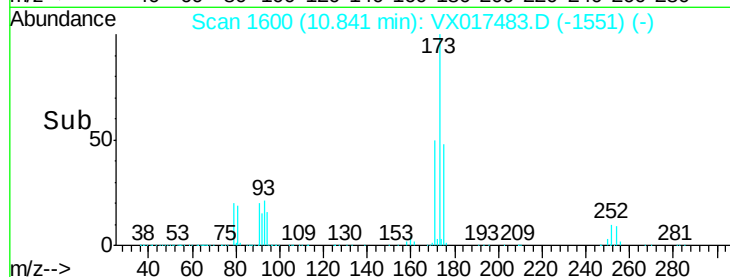
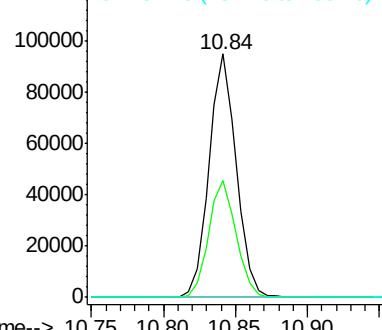
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017483.D

Acq: 23 Jul 2020 10:30

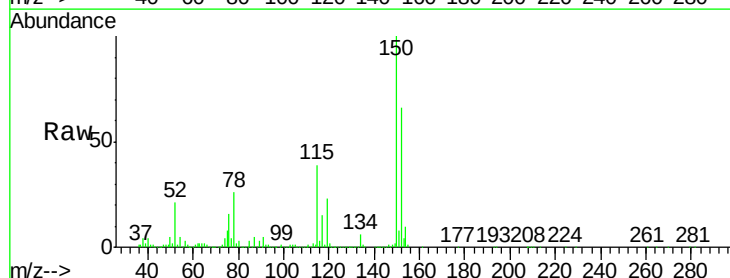
Tgt Ion:152 Resp: 480718

Ion Ratio Lower Upper

152 100

115 66.0 41.9 125.6

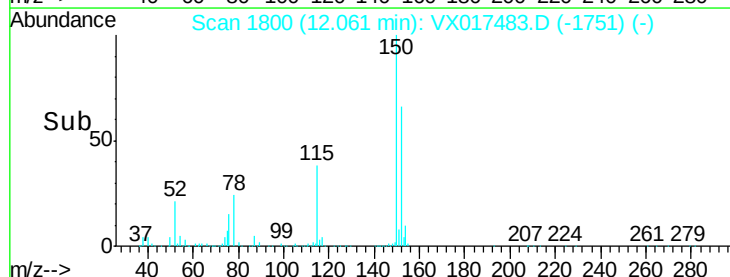
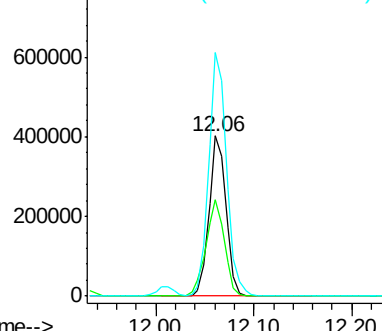
150 160.3 0.0 348.6

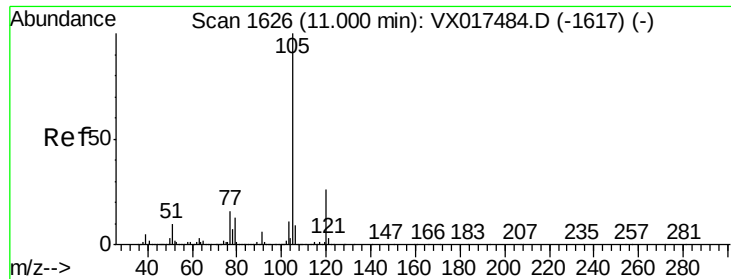


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.255 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017483.D

Acq: 23 Jul 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

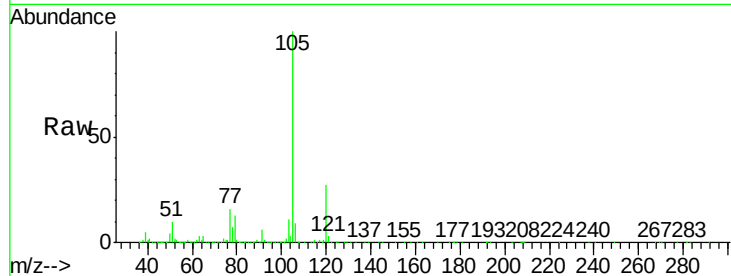
VSTDIC020

Tgt Ion:105 Resp: 613929

Ion Ratio Lower Upper

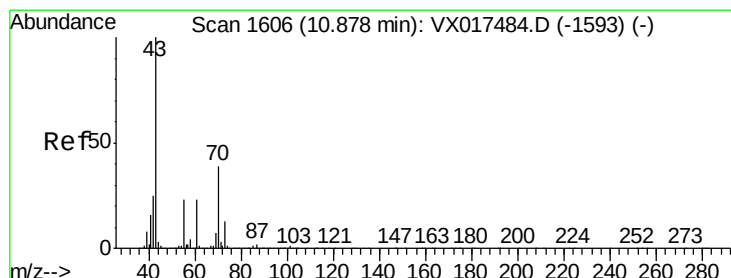
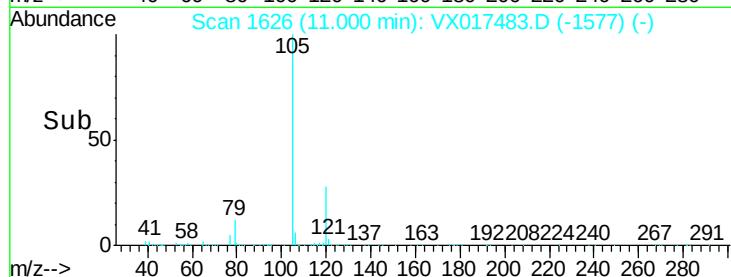
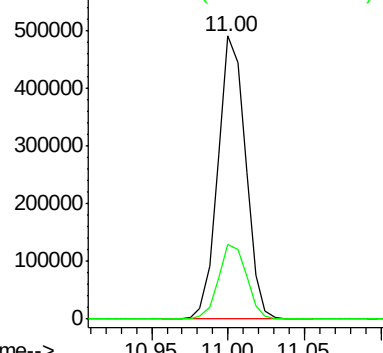
105 100

120 26.9 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.841 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017483.D

Acq: 23 Jul 2020 10:30

Tgt Ion: 43 Resp: 273163

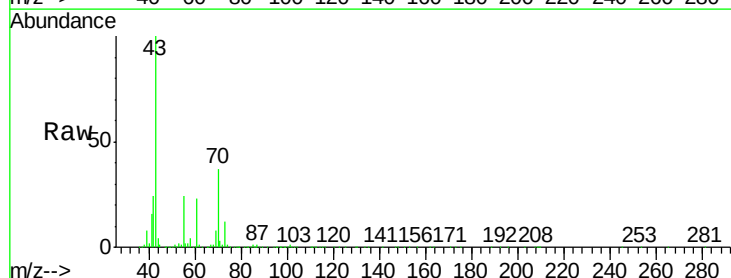
Ion Ratio Lower Upper

43 100

70 39.9 32.2 48.2

55 24.1 18.6 27.8

61 23.2 18.9 28.3

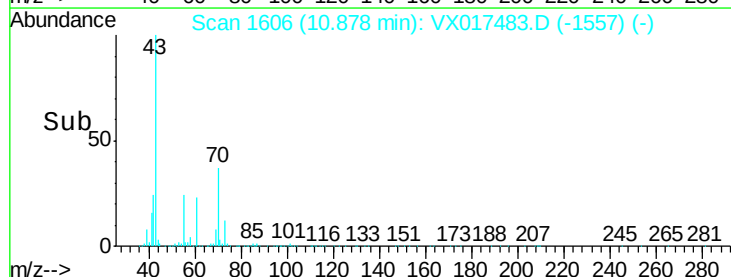
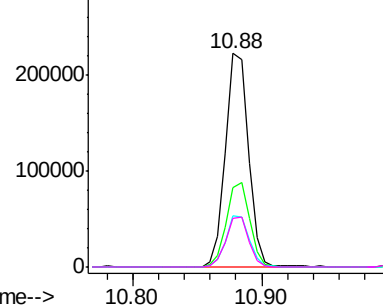


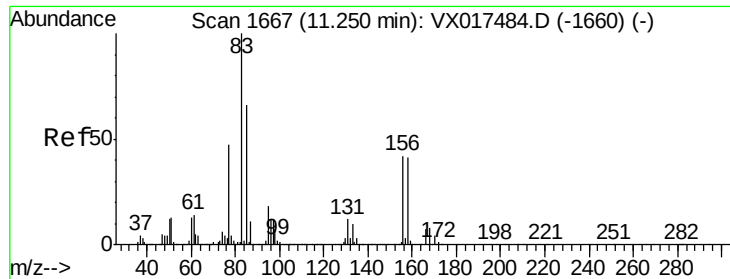
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.829 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017483.D

Acq: 23 Jul 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

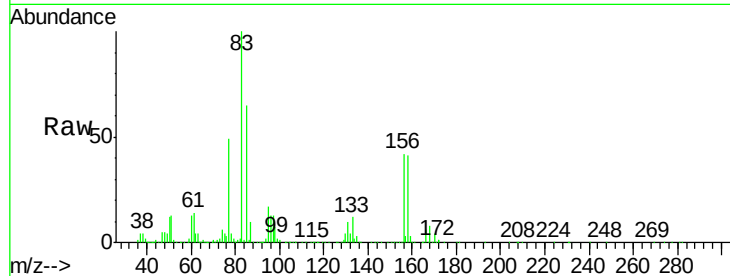
Tgt Ion: 83 Resp: 183335

Ion Ratio Lower Upper

83 100

131 11.2 5.9 17.6

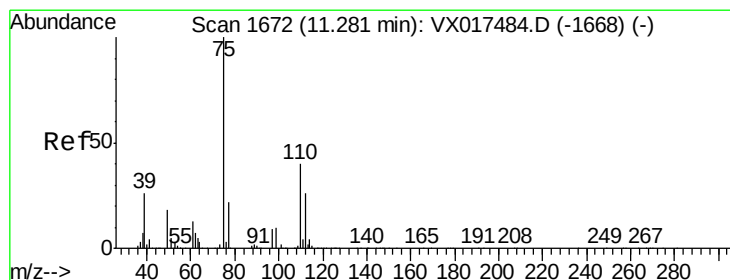
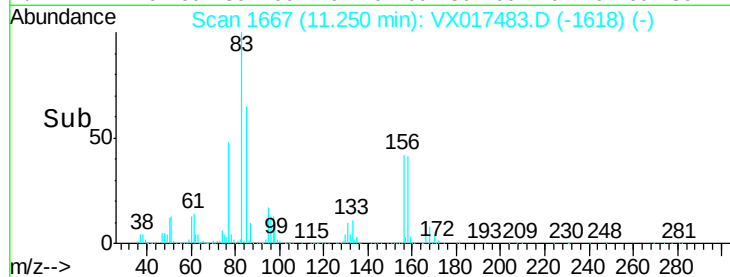
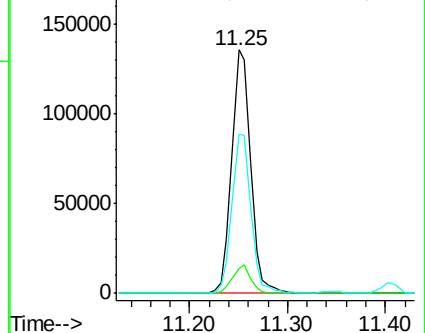
85 65.7 32.6 97.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 27.180 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017483.D

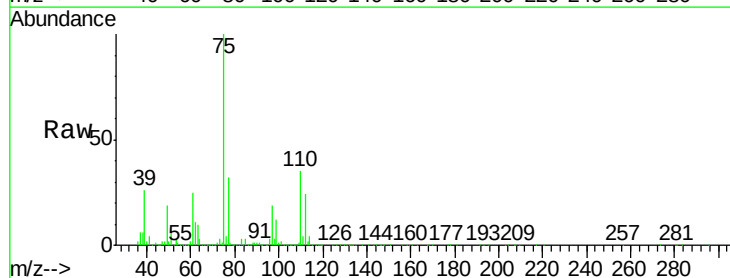
Acq: 23 Jul 2020 10:30

Tgt Ion: 75 Resp: 245087

Ion Ratio Lower Upper

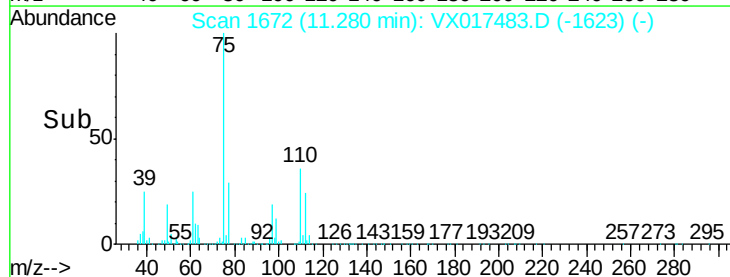
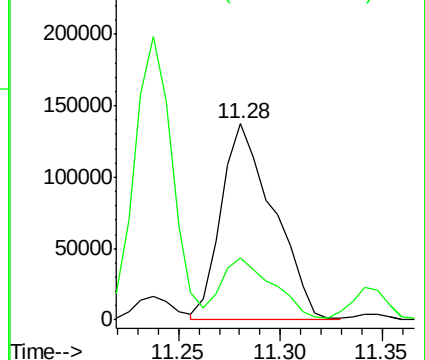
75 100

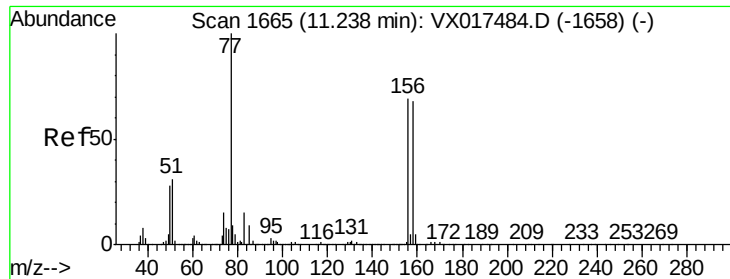
77 31.0 20.9 62.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.407 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017483.D

Acq: 23 Jul 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

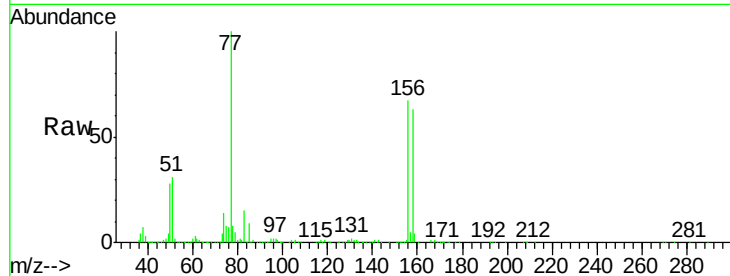
Tgt Ion:156 Resp: 167650

Ion Ratio Lower Upper

156 100

77 152.1 73.2 219.5

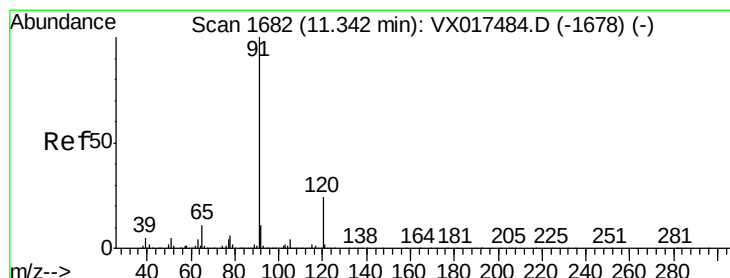
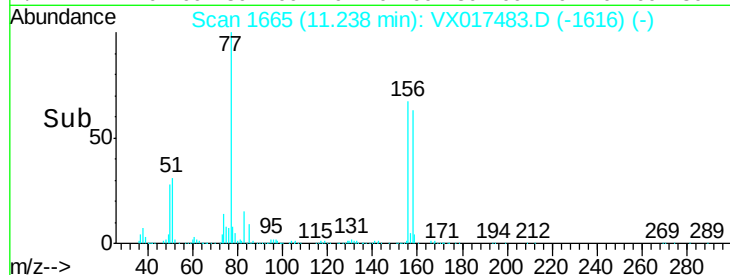
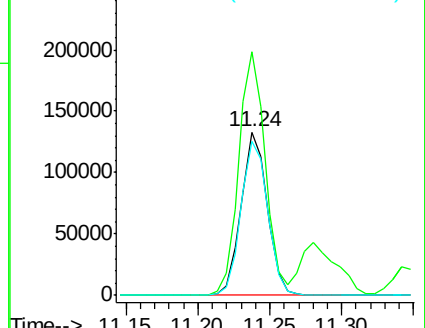
158 96.5 49.0 147.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.978 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017483.D

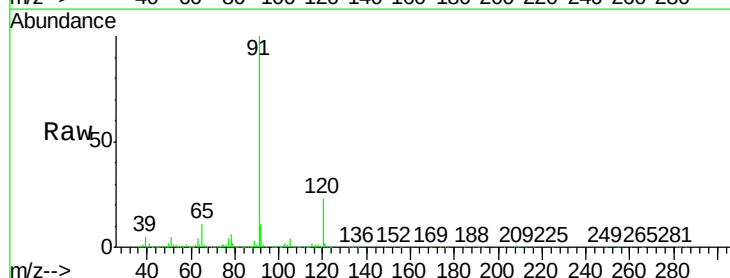
Acq: 23 Jul 2020 10:30

Tgt Ion: 91 Resp: 712222

Ion Ratio Lower Upper

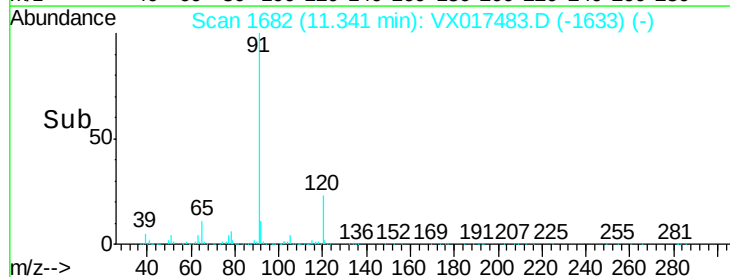
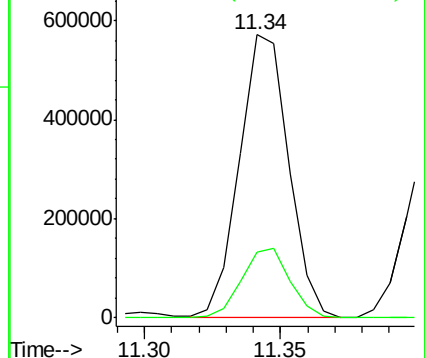
91 100

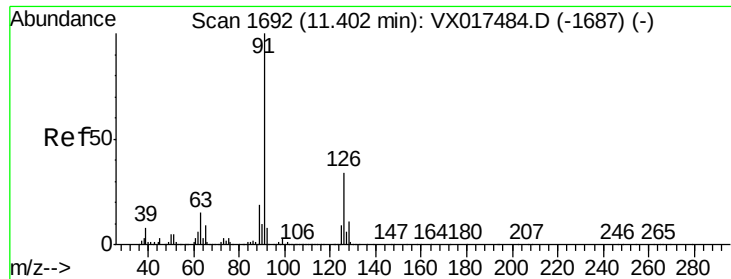
120 24.3 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

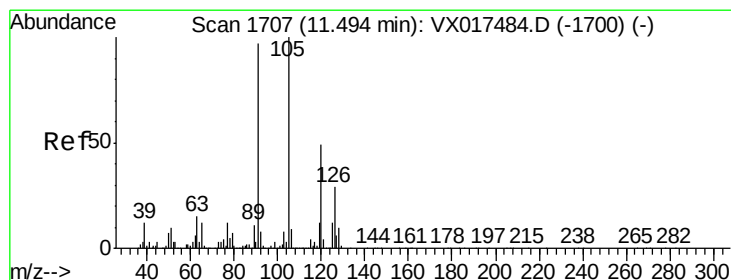
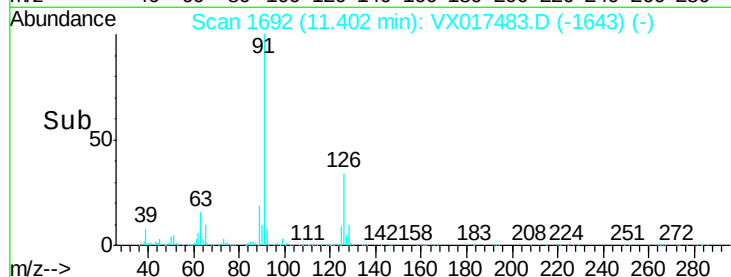
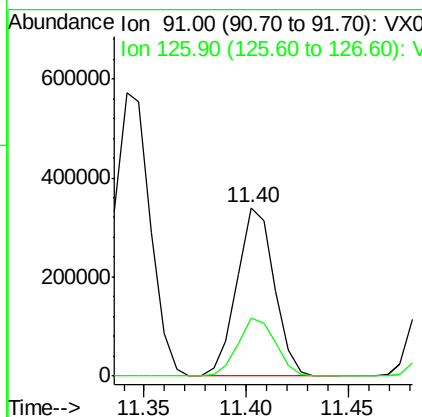
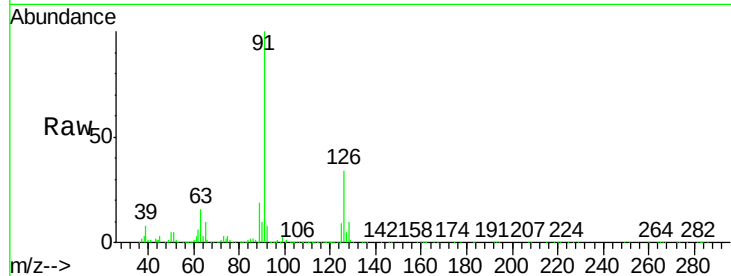




#79
 2-Chlorotoluene
 Concen: 20.498 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX017483.D
 Acq: 23 Jul 2020 10:30

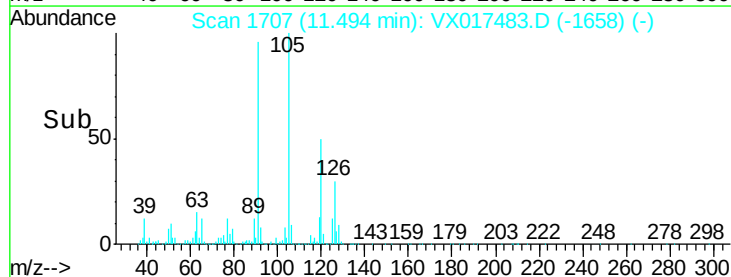
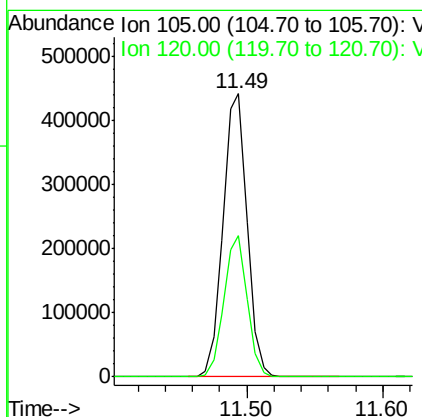
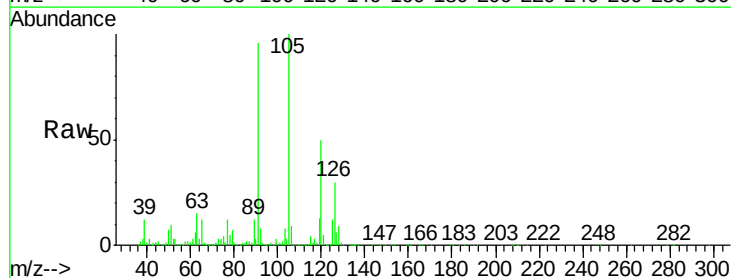
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

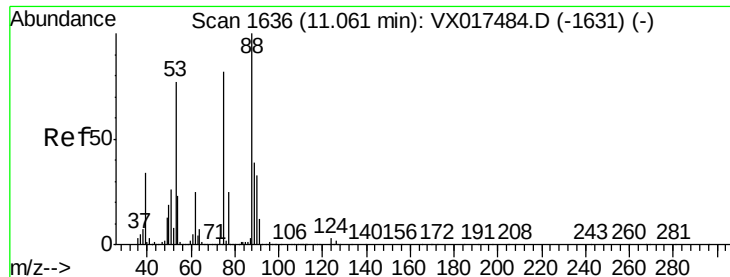
Tgt Ion: 91 Resp: 430122
 Ion Ratio Lower Upper
 91 100
 126 35.0 17.2 51.5



#80
 1,3,5-Trimethylbenzene
 Concen: 20.778 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX017483.D
 Acq: 23 Jul 2020 10:30

Tgt Ion: 105 Resp: 538066
 Ion Ratio Lower Upper
 105 100
 120 48.4 24.2 72.6





#81

trans-1,4-Dichloro-2-butene

Concen: 20.034 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX017483.D

Acq: 23 Jul 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

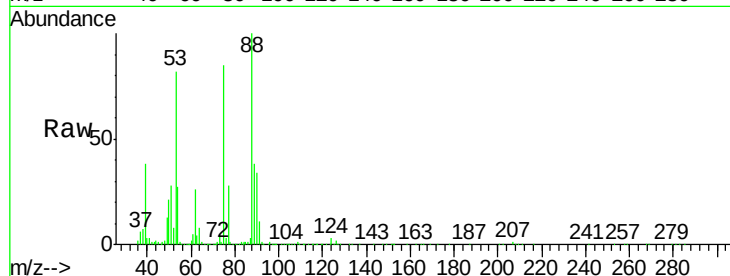
Tgt Ion: 75 Resp: 71521

Ion Ratio Lower Upper

75 100

53 94.9 78.2 117.2

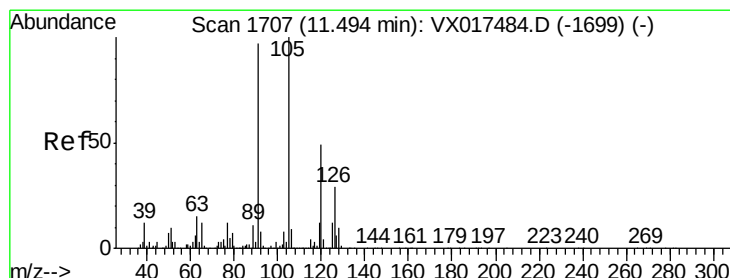
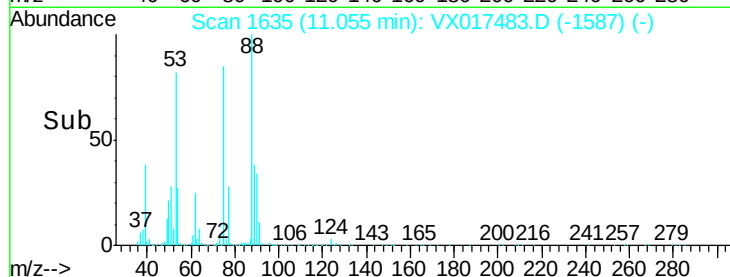
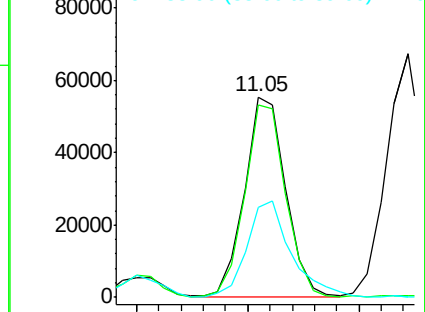
89 51.1 38.1 57.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 20.954 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017483.D

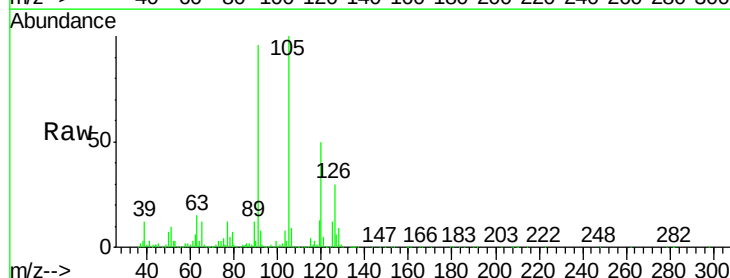
Acq: 23 Jul 2020 10:30

Tgt Ion: 91 Resp: 521893

Ion Ratio Lower Upper

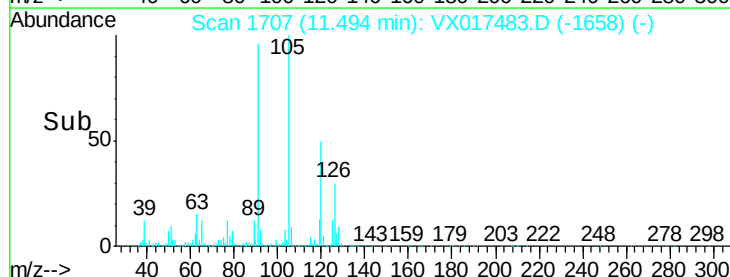
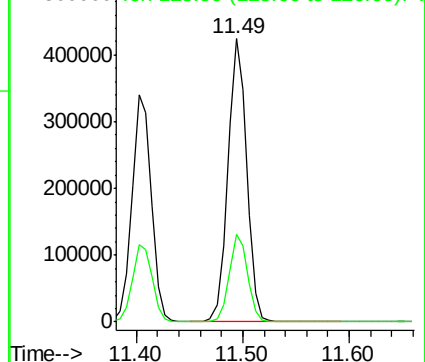
91 100

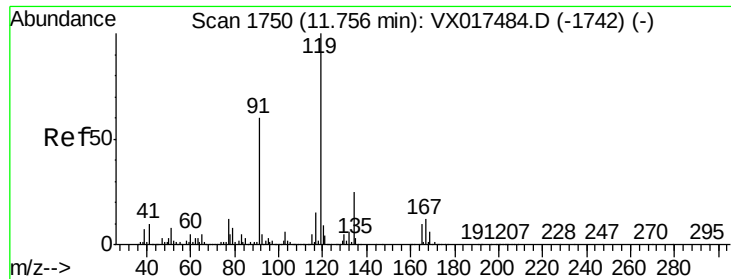
126 30.6 15.2 45.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

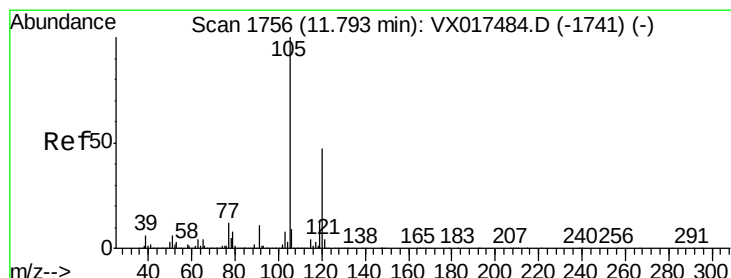
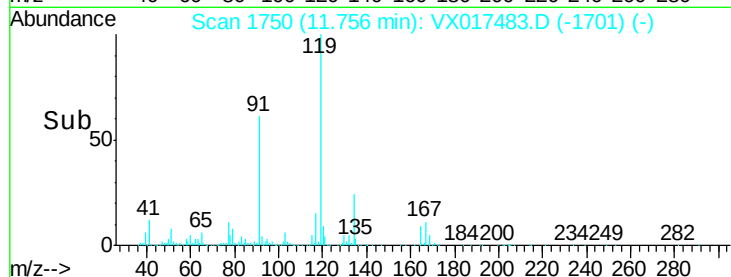
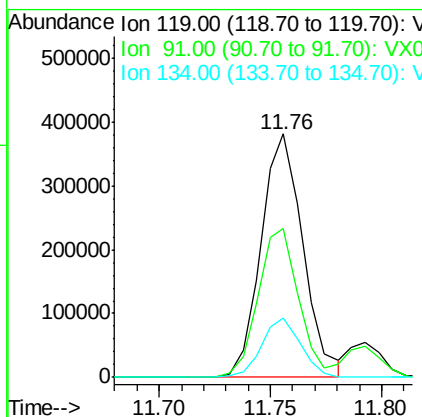
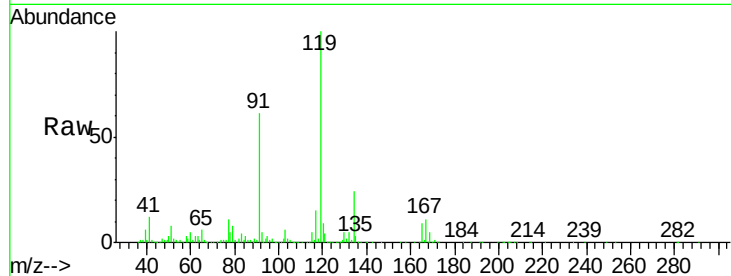




#83
 tert-Butylbenzene
 Concen: 20.003 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX017483.D
 Acq: 23 Jul 2020 10:30

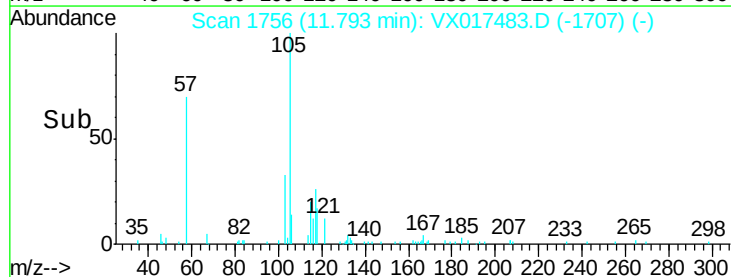
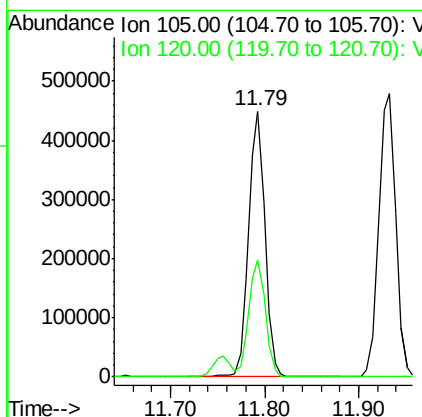
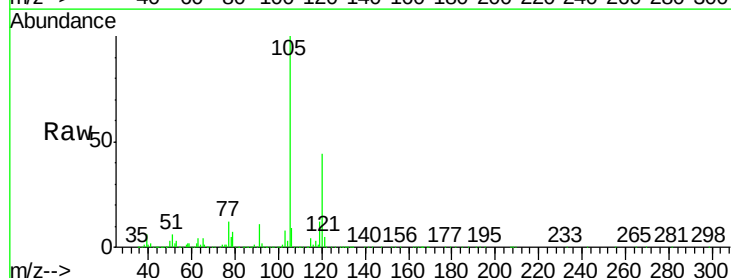
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

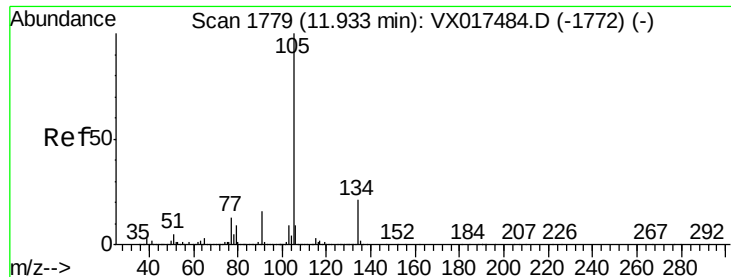
Tgt Ion:119 Resp: 498443
 Ion Ratio Lower Upper
 119 100
 91 58.9 29.0 87.0
 134 22.9 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 20.797 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017483.D
 Acq: 23 Jul 2020 10:30

Tgt Ion:105 Resp: 541776
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.3 66.9





#85

sec-Butylbenzene

Concen: 20.430 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX017483.D

Acq: 23 Jul 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

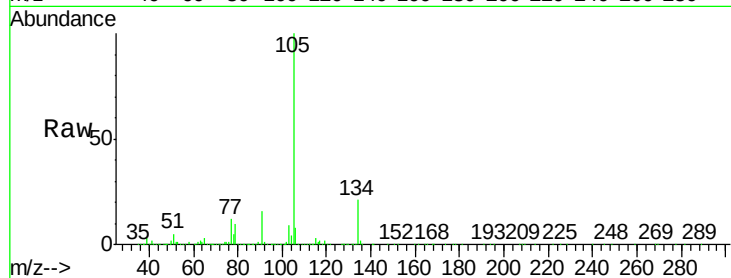
VSTDIC020

Tgt Ion:105 Resp: 594747

Ion Ratio Lower Upper

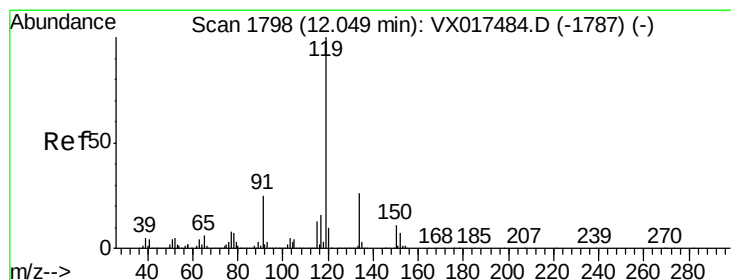
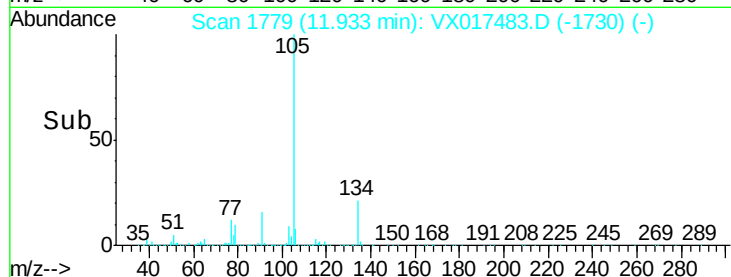
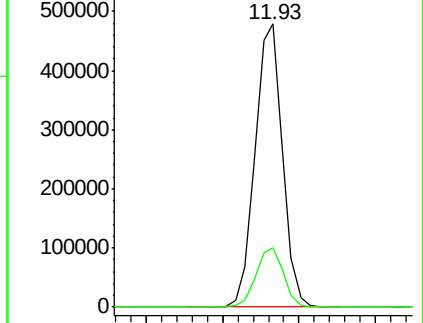
105 100

134 21.1 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.914 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX017483.D

Acq: 23 Jul 2020 10:30

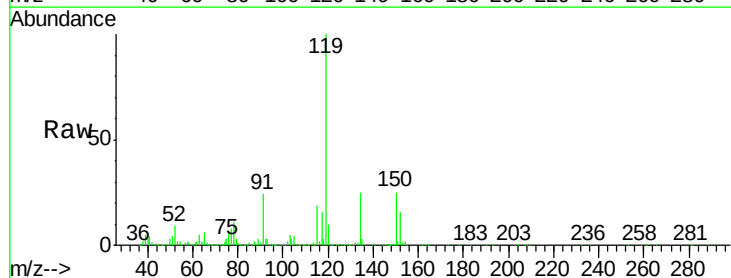
Tgt Ion:119 Resp: 577336

Ion Ratio Lower Upper

119 100

134 25.7 13.1 39.1

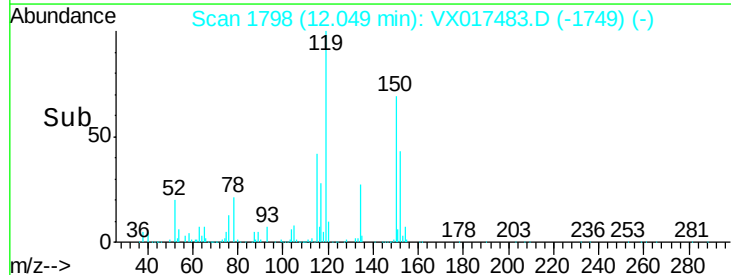
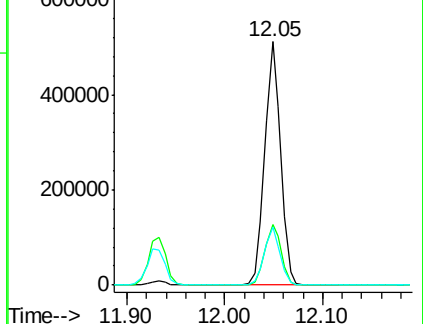
91 23.7 12.3 36.8

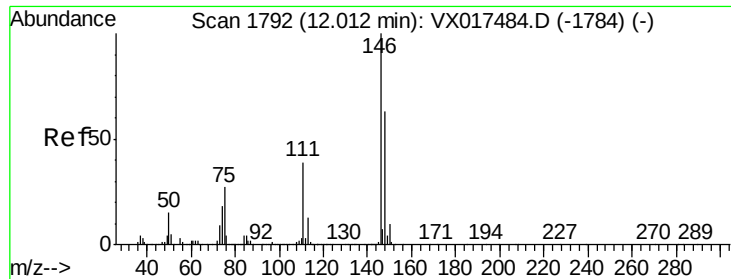


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

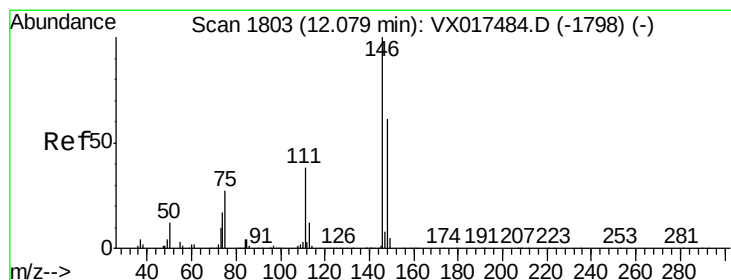
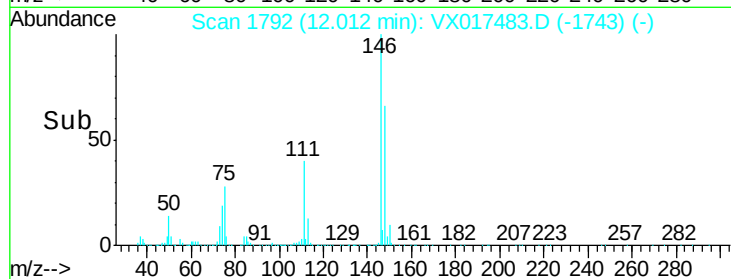
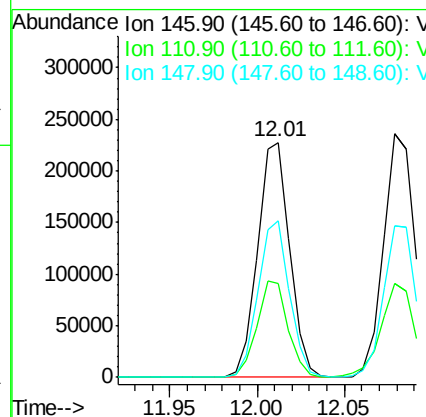
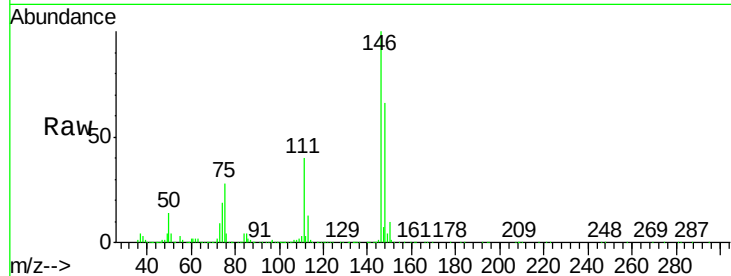




#87
 1,3-Dichlorobenzene
 Concen: 18.762 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX017483.D
 Acq: 23 Jul 2020 10:30

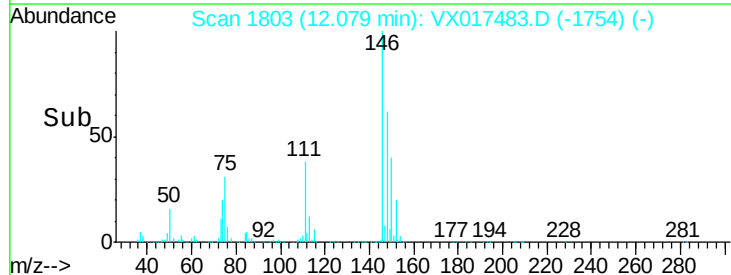
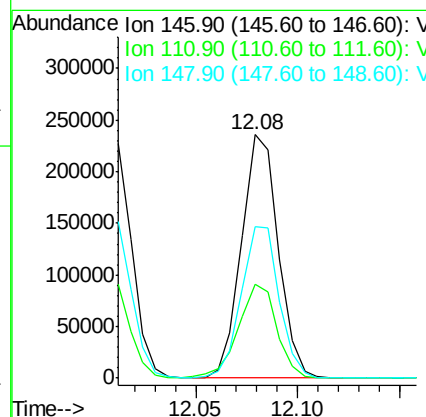
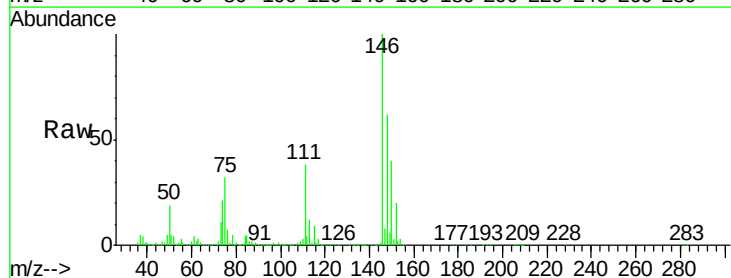
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

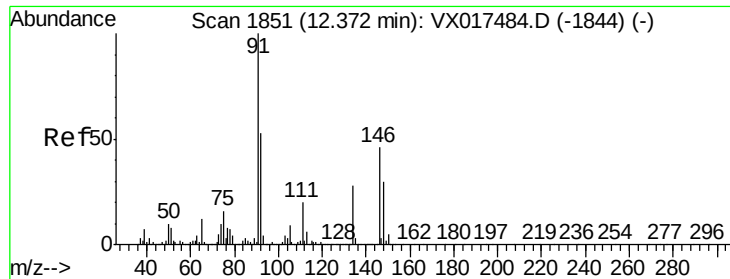
Tgt Ion:146 Resp: 289420
 Ion Ratio Lower Upper
 146 100
 111 39.9 19.6 58.8
 148 65.7 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 18.871 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017483.D
 Acq: 23 Jul 2020 10:30

Tgt Ion:146 Resp: 294428
 Ion Ratio Lower Upper
 146 100
 111 40.5 19.1 57.5
 148 64.3 31.6 95.0

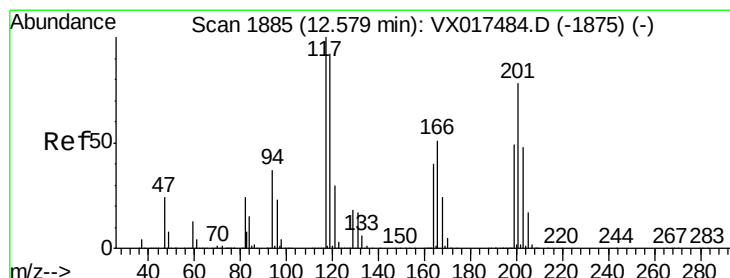
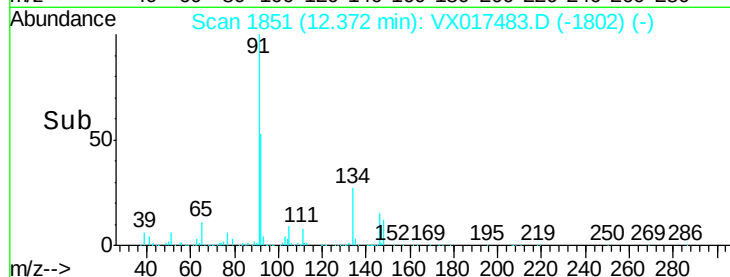
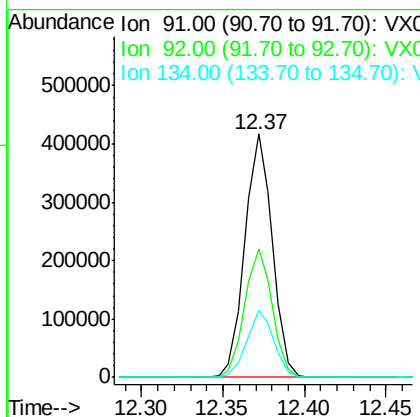
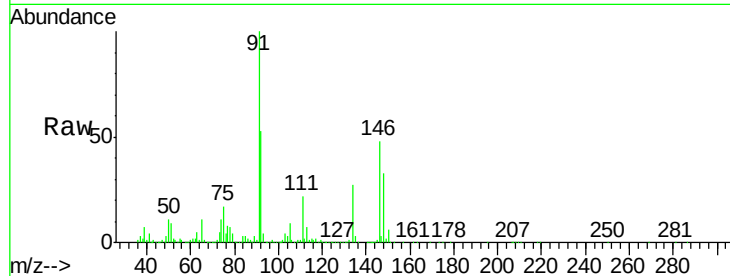




#89
n-Butylbenzene
Concen: 20.681 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017483.D
Acq: 23 Jul 2020 10:30

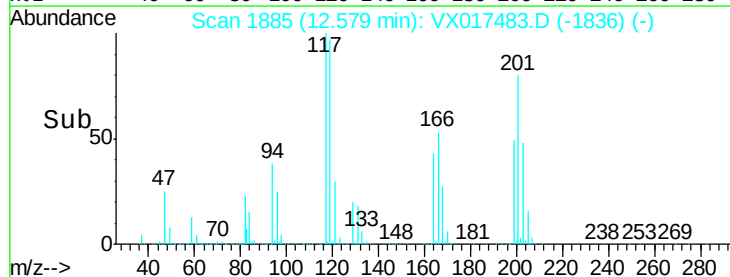
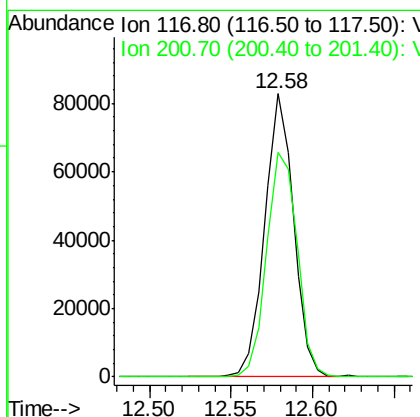
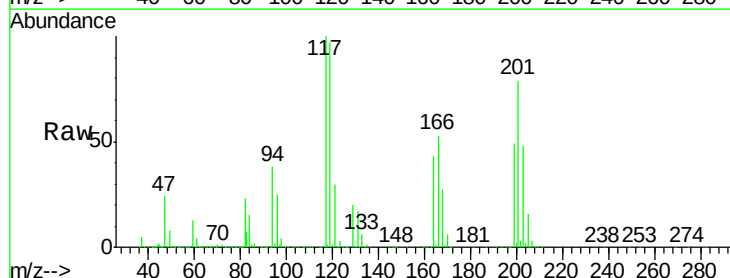
Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

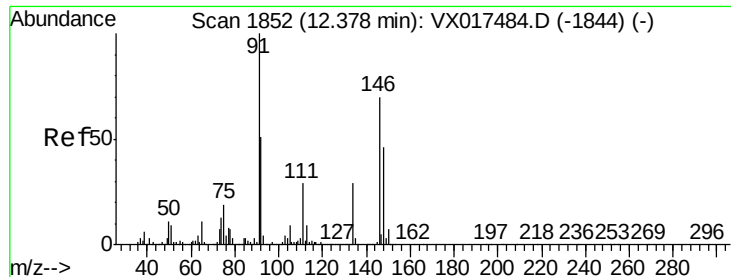
Tgt Ion: 91 Resp: 489943
Ion Ratio Lower Upper
91 100
92 53.0 26.4 79.0
134 27.1 13.7 41.0



#90
Hexachloroethane
Concen: 19.366 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017483.D
Acq: 23 Jul 2020 10:30

Tgt Ion: 117 Resp: 102004
Ion Ratio Lower Upper
117 100
201 83.7 41.4 124.4

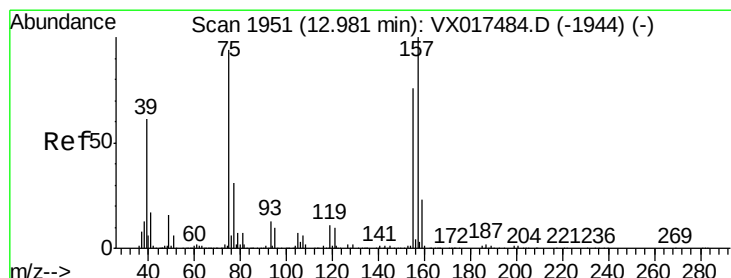
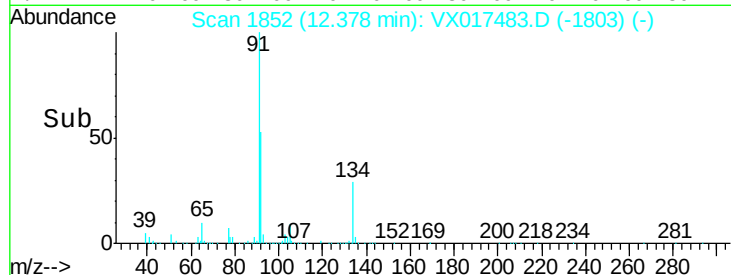
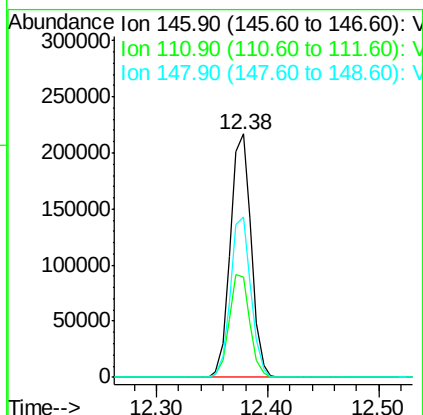
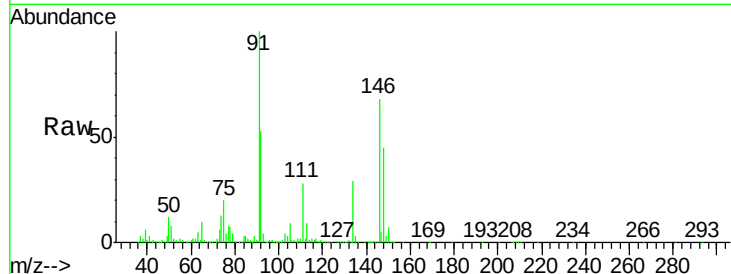




#91
 1,2-Dichlorobenzene
 Concen: 19.291 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX017483.D
 Acq: 23 Jul 2020 10:30

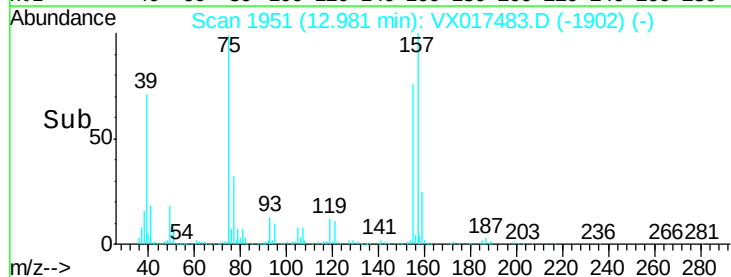
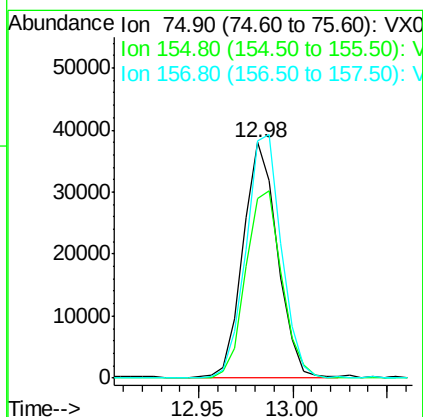
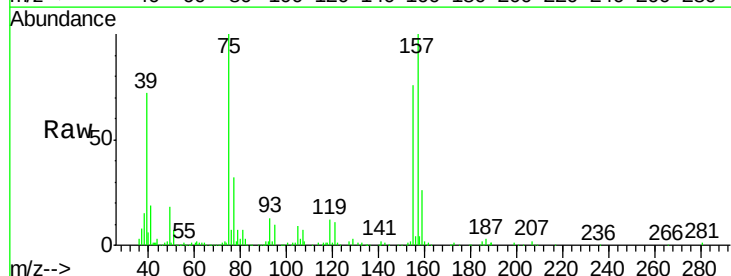
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

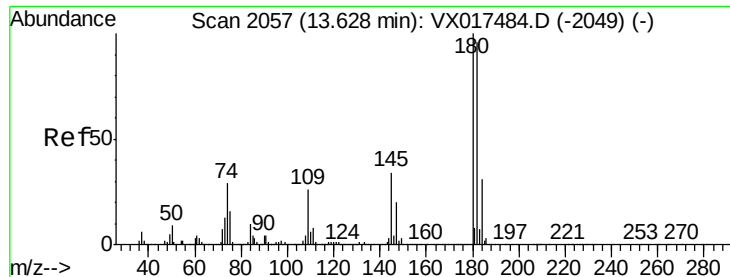
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.8	20.8	62.2
148	64.4	32.3	96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.323 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX017483.D
 Acq: 23 Jul 2020 10:30

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.8	42.3	126.9
157	106.7	55.1	165.5

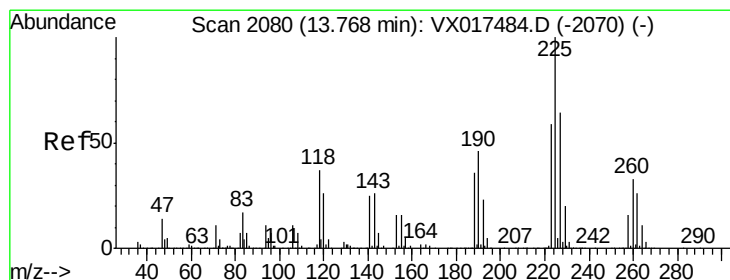
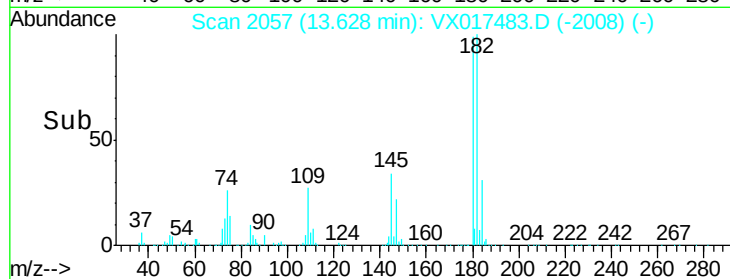
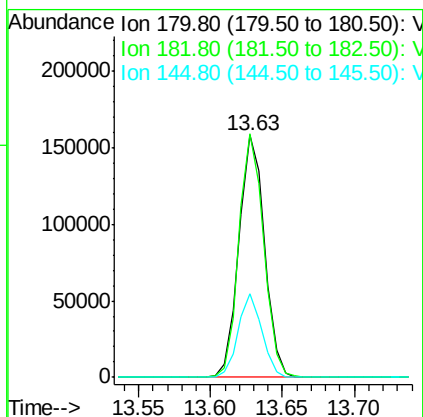
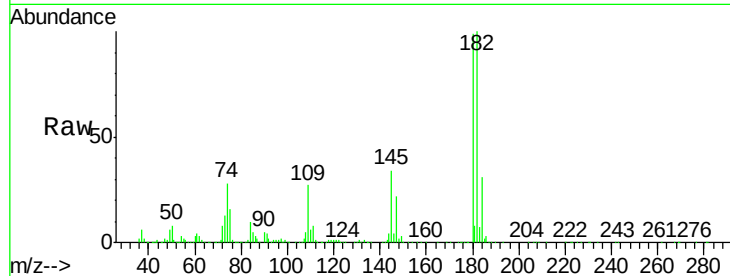




#93
 1,2,4-Trichlorobenzene
 Concen: 19.254 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017483.D
 Acq: 23 Jul 2020 10:30

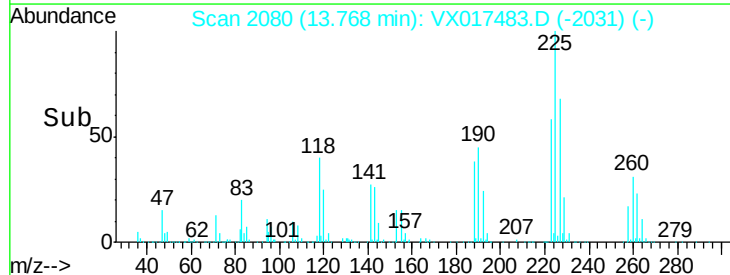
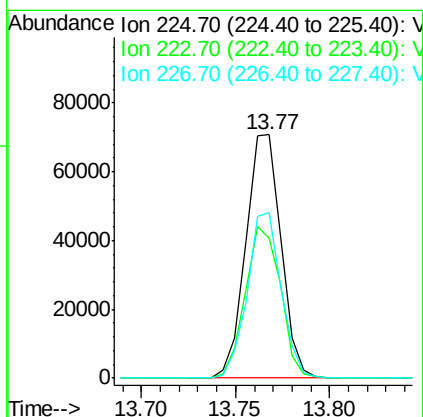
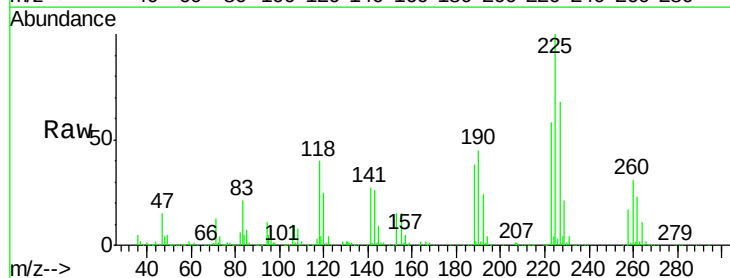
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

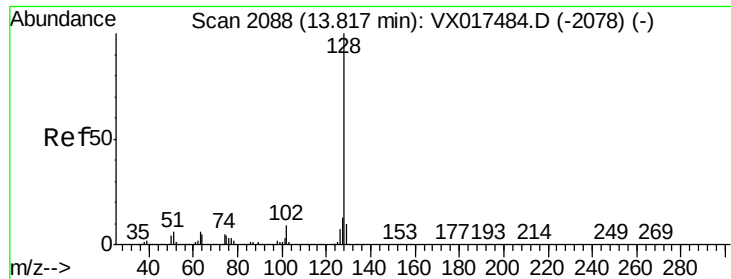
Tgt Ion:180 Resp: 195723
 Ion Ratio Lower Upper
 180 100
 182 97.6 48.5 145.6
 145 32.3 16.0 47.9



#94
 Hexachlorobutadiene
 Concen: 21.697 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX017483.D
 Acq: 23 Jul 2020 10:30

Tgt Ion:225 Resp: 91848
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.1 93.2
 227 65.4 32.2 96.6

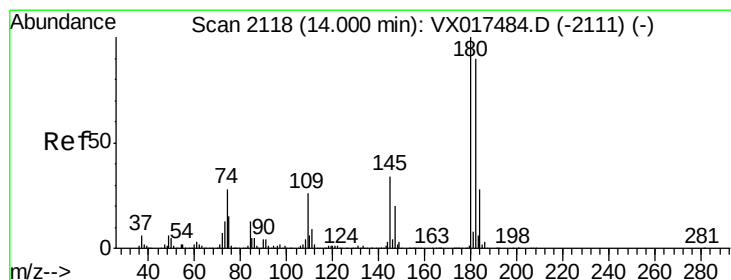
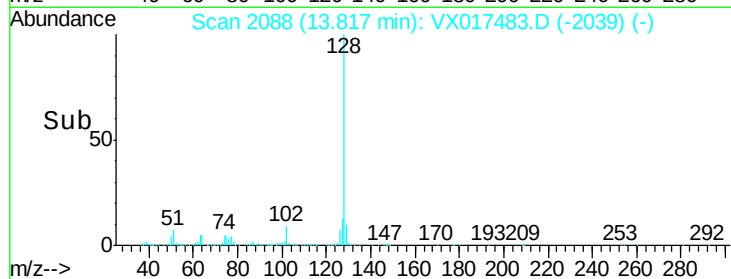
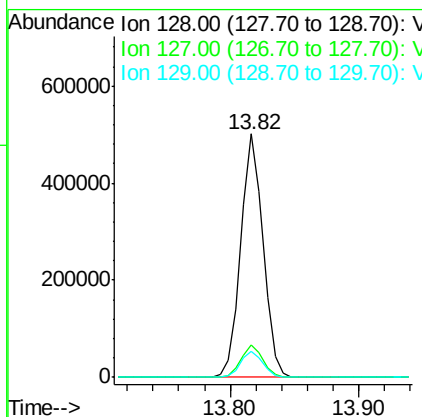
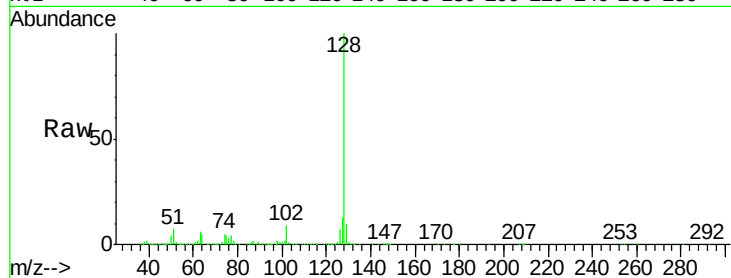




#95
Naphthalene
Concen: 20.005 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017483.D
Acq: 23 Jul 2020 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:128 Resp: 601730
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 10.5 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.168 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX017483.D
Acq: 23 Jul 2020 10:30

Tgt Ion:180 Resp: 199202
Ion Ratio Lower Upper
180 100
182 92.5 45.7 137.1
145 32.7 16.4 49.2

