

Data File : VX011871.D
Acq On : 28 Aug 2019 12:01
Operator : SY/SP
Sample : VSTDICCC050
Misc : 5.00g/5.0mL/MSVOA_X/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Quant Time: Aug 28 12:28:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082819S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 28 12:26:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	354310	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	499397	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	456034	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	238325	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	158872	44.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.68%	
35) Dibromofluoromethane	5.49	113	150990	51.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.70%	
50) Toluene-d8	8.71	98	557231	45.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.90%	
62) 4-Bromofluorobenzene	11.13	95	201548	44.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.18%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.19	85	105460	35.265	ug/l	100
3) Chloromethane	1.32	50	133857	35.608	ug/l	100
4) Vinyl Chloride	1.40	62	129247	31.963	ug/l	100
5) Bromomethane	1.64	94	76230	31.317	ug/l	100
6) Chloroethane	1.71	64	78628	29.405	ug/l	100
7) Trichlorofluoromethane	1.92	101	214162	40.390	ug/l	100
8) Diethyl Ether	2.18	74	66973	33.421	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	140663	41.819	ug/l	100
10) Methyl Iodide	2.50	142	156901	40.573	ug/l	100
11) Tert butyl alcohol	3.04	59	53954	92.986	ug/l	100
12) 1,1-Dichloroethene	2.37	96	140248	44.285	ug/l	100
13) Acrolein	2.28	56	29848	157.228	ug/l	100
14) Allyl chloride	2.72	41	234624	41.793	ug/l	100
15) Acrylonitrile	3.14	53	182367	123.586	ug/l	100
16) Acetone	2.43	43	256135	187.130	ug/l	100
17) Carbon Disulfide	2.56	76	424154	41.164	ug/l	100
18) Methyl Acetate	2.76	43	102736	26.709	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	384955	44.657	ug/l	100
20) Methylene Chloride	2.85	84	161295	38.437	ug/l	100
21) trans-1,2-Dichloroethene	3.15	96	159744	46.035	ug/l	100
22) Diisopropyl ether	3.85	45	471461	46.522	ug/l	100
23) Vinyl Acetate	3.81	43	1060634	145.111	ug/l	100
24) 1,1-Dichloroethane	3.69	63	278639	47.146	ug/l	100
25) 2-Butanone	4.66	43	255684	128.141	ug/l	100
26) 2,2-Dichloropropane	4.57	77	223321	47.977	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	180794	48.346	ug/l	100
28) Bromochloromethane	5.01	49	118700	44.774	ug/l	100
29) Tetrahydrofuran	5.12	42	145530	114.447	ug/l	100
30) Chloroform	5.20	83	289340	49.683	ug/l	100
31) Cyclohexane	5.57	56	235629	41.274	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	262127	52.370	ug/l	100
36) 1,1-Dichloropropene	5.79	75	217001	46.399	ug/l	100
37) Ethyl Acetate	4.82	43	94267	26.240	ug/l	100
38) Carbon Tetrachloride	5.78	117	205911	47.600	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	255255	44.455	ug/l	100
40) Benzene	6.13	78	628697	46.910	ug/l	100
41) Methacrylonitrile	5.04	41	61943	30.589	ug/l	100
42) 1,2-Dichloroethane	6.18	62	199687	49.330	ug/l	100
43) Isopropyl Acetate	6.43	43	179530	31.364	ug/l	100
44) Trichloroethene	7.21	130	209245	54.730	ug/l	100
45) 1,2-Dichloropropane	7.51	63	154223	46.793	ug/l	100
46) Dibromomethane	7.65	93	91591	48.224	ug/l	100
47) Bromodichloromethane	7.89	83	216421	57.180	ug/l	100
48) Methyl methacrylate	7.76	41	90870	31.649	ug/l	100
49) 1,4-Dioxane	7.73	88	18170	313.546	ug/l	100
51) 4-Methyl-2-Pentanone	8.63	43	360833	102.574	ug/l	100
52) Toluene	8.78	92	402498	48.145	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	186289	43.094	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	235023	48.776	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	121451	42.211	ug/l	100
56) Ethyl methacrylate	9.17	69	119307	30.187	ug/l	100
57) 1,3-Dichloropropane	9.37	76	201915	41.805	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	163249	86.342	ug/l	100
59) 2-Hexanone	9.49	43	240318	89.674	ug/l	100
60) Dibromochloromethane	9.58	129	160521	55.397	ug/l	100
61) 1,2-Dibromoethane	9.66	107	118283	40.264	ug/l	100
64) Tetrachloroethene	9.33	164	228944	63.870	ug/l	100
65) Chlorobenzene	10.13	112	437530	45.912	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	161204	51.873	ug/l	100
67) Ethyl Benzene	10.25	91	753894	46.852	ug/l	100
68) m/p-Xylenes	10.35	106	576535	91.592	ug/l	100
69) o-Xylene	10.69	106	269206	46.059	ug/l	100
70) Styrene	10.71	104	449145	45.677	ug/l	100
71) Bromoform	10.85	173	106664	49.919	ug/l	100
73) Isopropylbenzene	11.01	105	707831	47.442	ug/l	100
74) N-amyl acetate	6.43	43	179530	33.948	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	118934	30.662	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	110425	33.615	ug/l	89
77) Bromobenzene	11.25	156	198841	51.119	ug/l	100
78) n-propylbenzene	11.35	91	781469	43.234	ug/l	100
79) 2-Chlorotoluene	11.41	91	490419	47.790	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	599435	47.070	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	26009	23.452	ug/l	100
82) 4-Chlorotoluene	11.51	91	570545	45.837	ug/l	100
83) tert-Butylbenzene	11.77	119	549442	43.621	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	568695	43.385	ug/l	100
85) sec-Butylbenzene	11.94	105	643513	39.934	ug/l	100
86) p-Isopropyltoluene	12.06	119	595787	40.678	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	355096	45.129	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	344080	42.861	ug/l	100
89) n-Butylbenzene	12.38	91	487718	34.988	ug/l	100
90) Hexachloroethane	12.59	117	92863	42.699	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	305866	41.741	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	15905	20.666	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082819\
Quantitation Report (Not Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	212428	36.545	ug/l	100
94) Hexachlorobutadiene	13.78	225	153507	41.295	ug/l	100
95) Naphthalene	13.83	128	256792	20.673	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	172756	32.740	ug/l	100

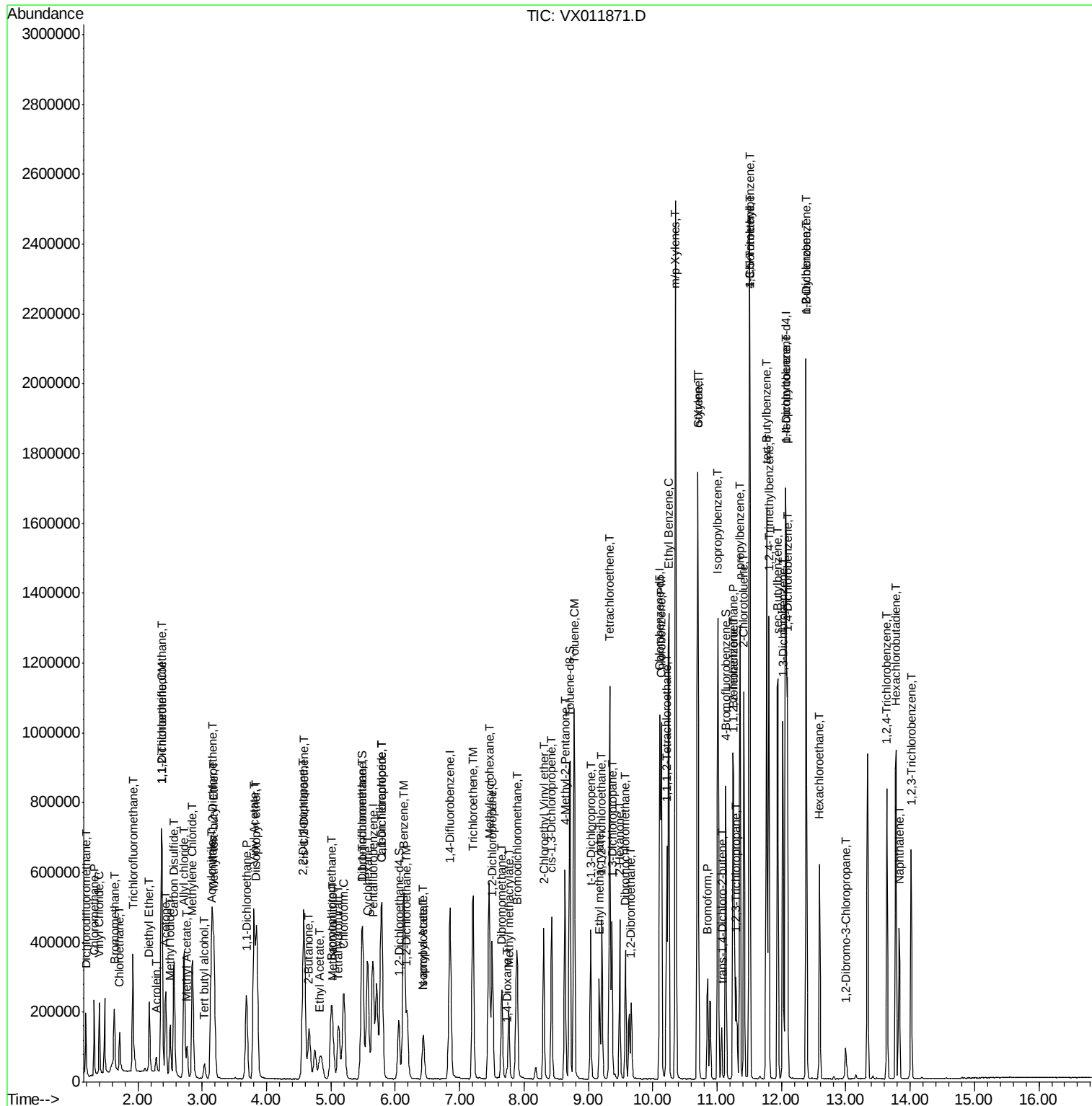
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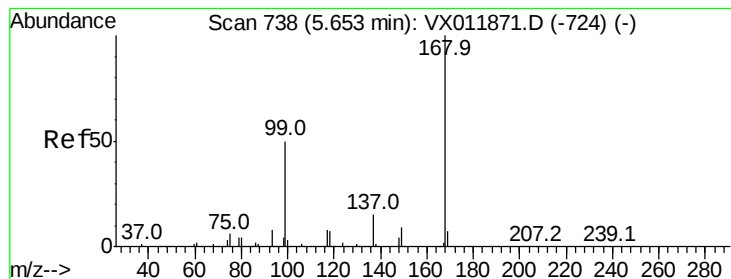
Data File : VX011871.D

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011871.D

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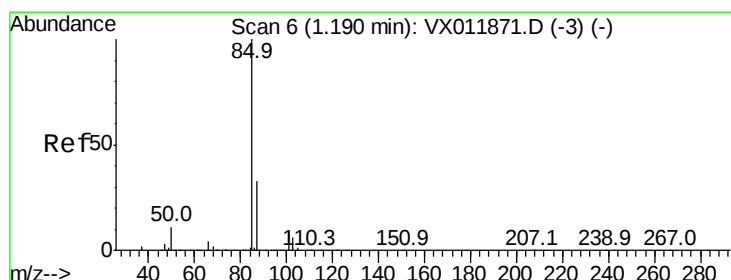
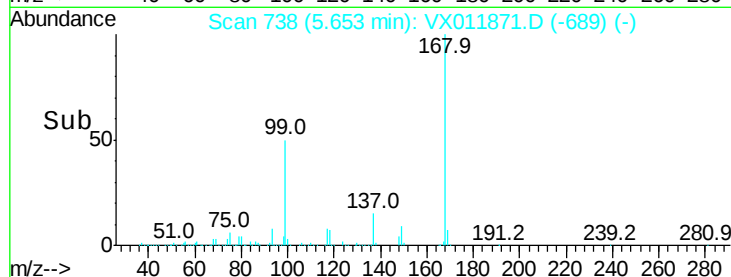
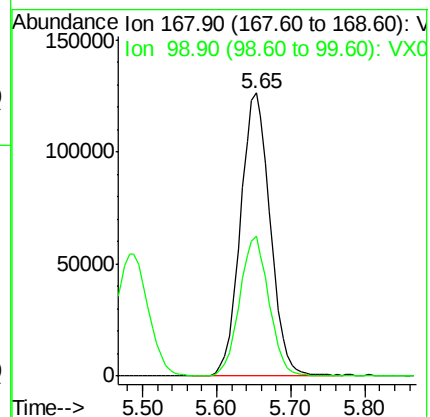
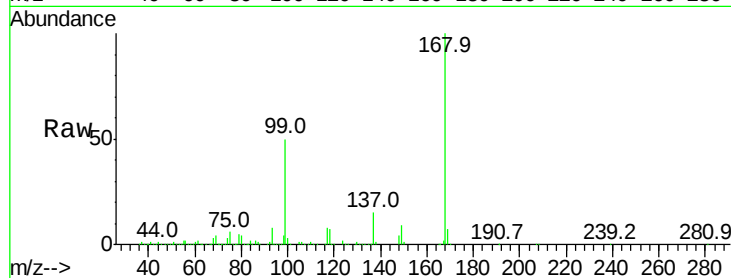
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:168 Resp: 354310

Ion Ratio Lower Upper

168 100

99 49.5 39.6 59.4



#2

Dichlorodifluoromethane

Concen: 35.265 ug/l

RT: 1.19 min Scan# 6

Delta R.T. 0.00 min

Lab File: VX011871.D

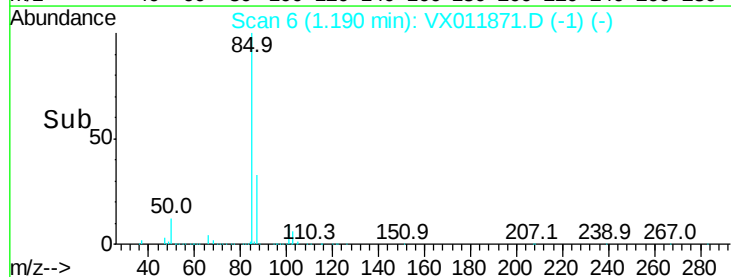
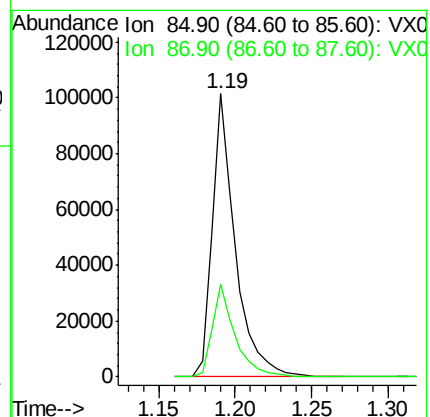
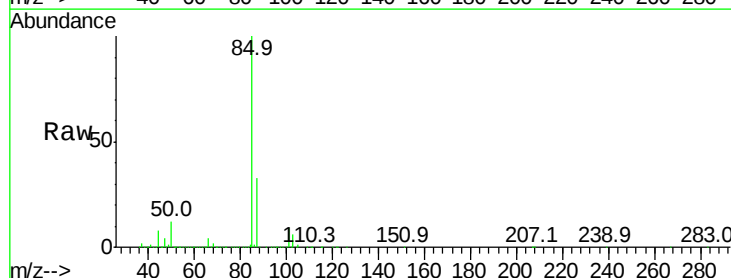
Acq: 28 Aug 2019 12:01

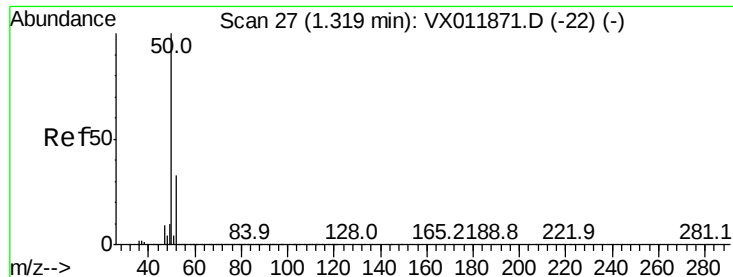
Tgt Ion: 85 Resp: 105460

Ion Ratio Lower Upper

85 100

87 32.7 16.4 49.1





#3

Chloromethane

Concen: 35.608 ug/l

RT: 1.32 min Scan# 27

Delta R.T. 0.00 min

Lab File: VX011871.D

Acq: 28 Aug 2019 12:01

Instrument :

MSVOA_X

ClientSampleId :

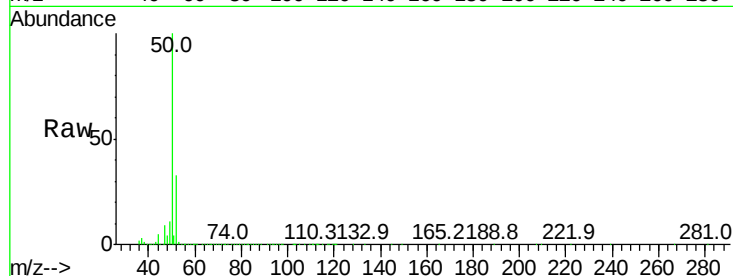
VSTDICCC050

Tgt Ion: 50 Resp: 133857

Ion Ratio Lower Upper

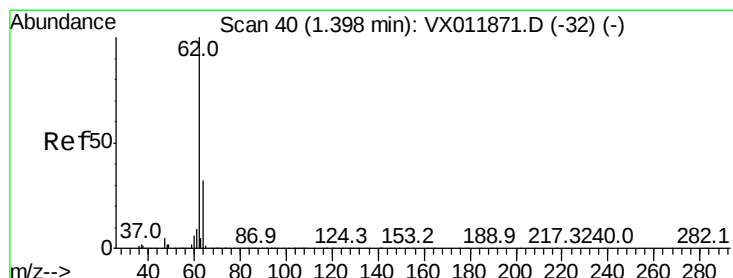
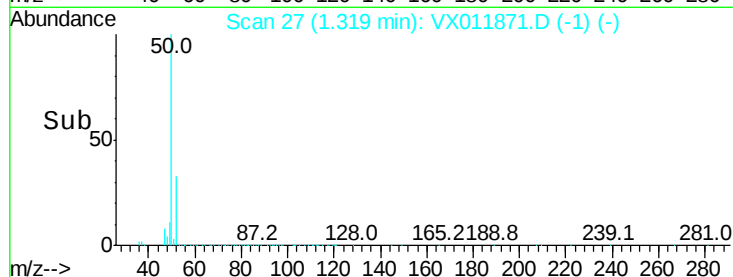
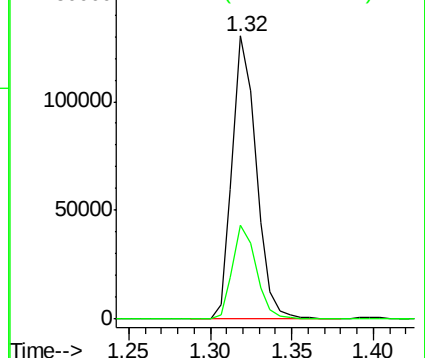
50 100

52 33.1 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 31.963 ug/l

RT: 1.40 min Scan# 40

Delta R.T. 0.00 min

Lab File: VX011871.D

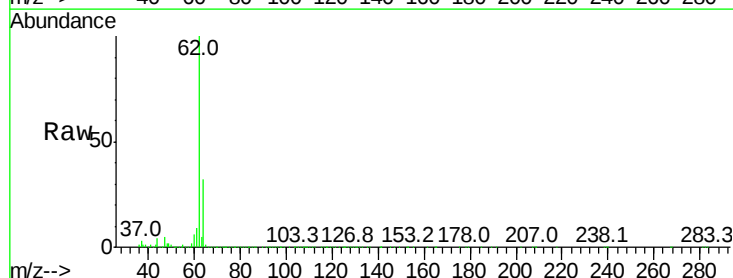
Acq: 28 Aug 2019 12:01

Tgt Ion: 62 Resp: 129247

Ion Ratio Lower Upper

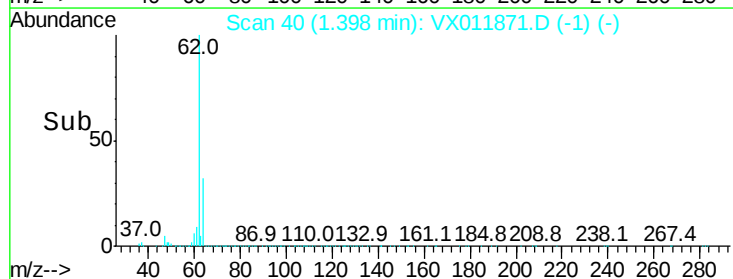
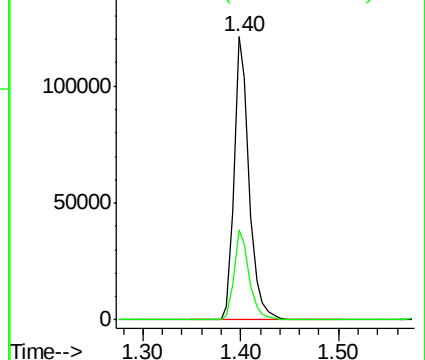
62 100

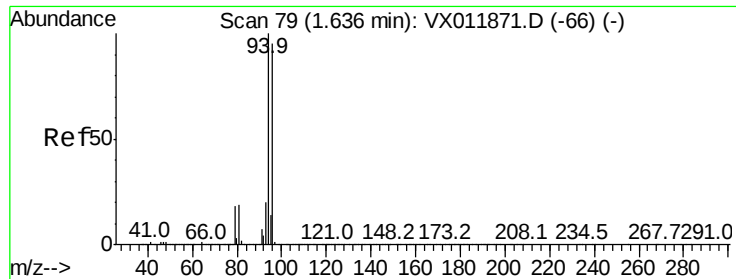
64 31.6 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 31.317 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX011871.D

Acq: 28 Aug 2019 12:01

Instrument :

MSVOA_X

ClientSampleId :

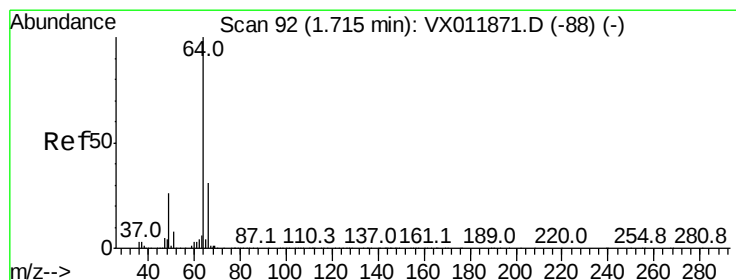
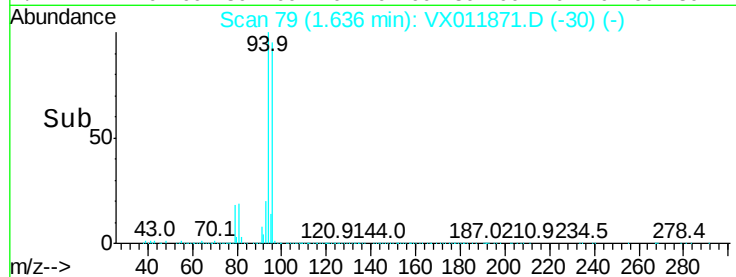
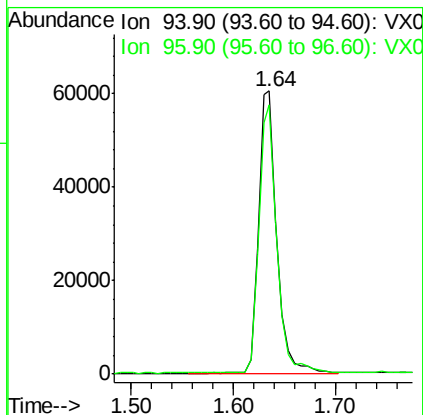
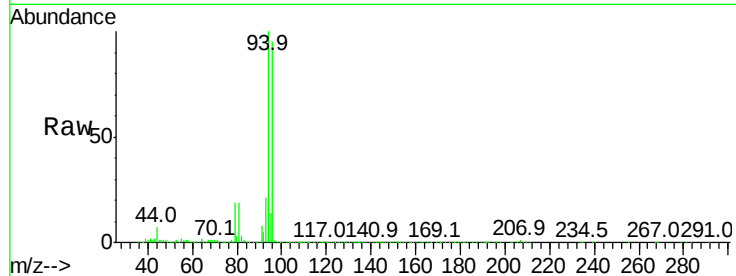
VSTDICCC050

Tgt Ion: 94 Resp: 76230

Ion Ratio Lower Upper

94 100

96 95.0 76.0 114.0



#6

Chloroethane

Concen: 29.405 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX011871.D

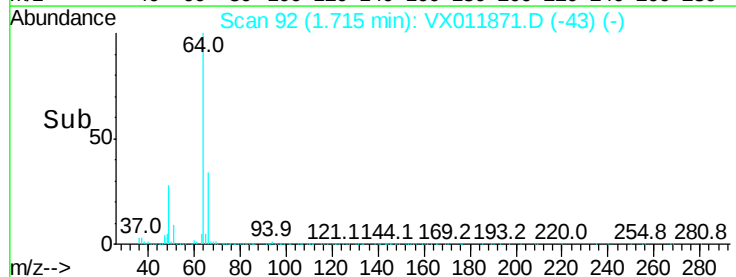
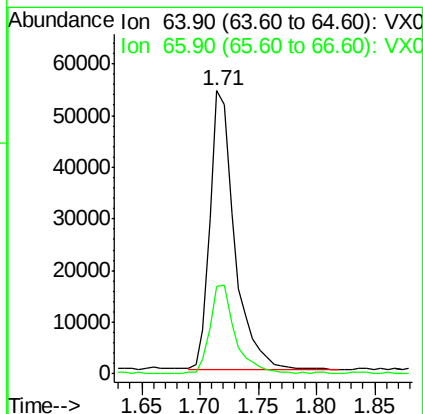
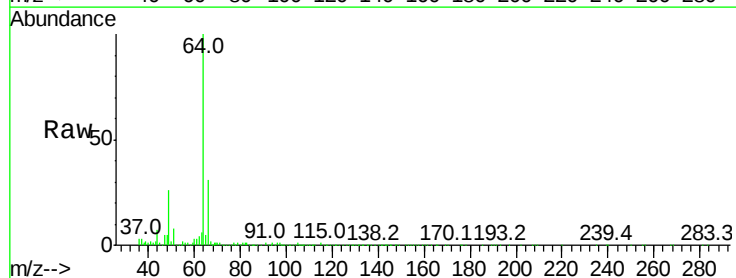
Acq: 28 Aug 2019 12:01

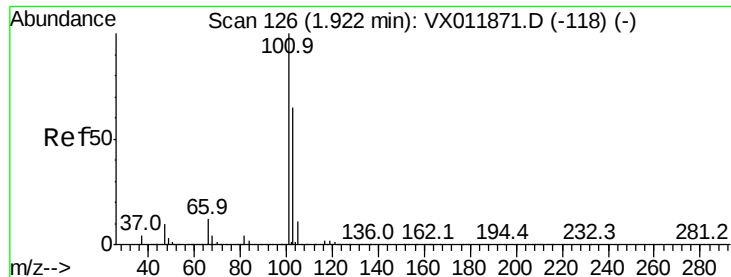
Tgt Ion: 64 Resp: 78628

Ion Ratio Lower Upper

64 100

66 31.2 25.0 37.4



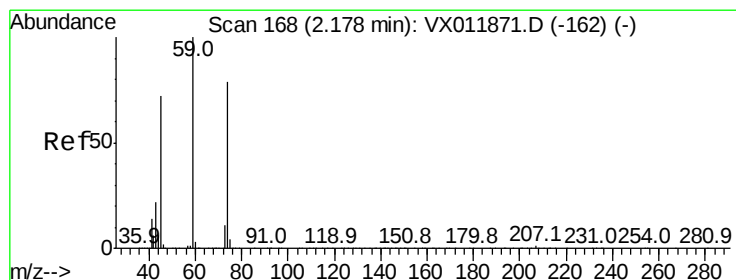
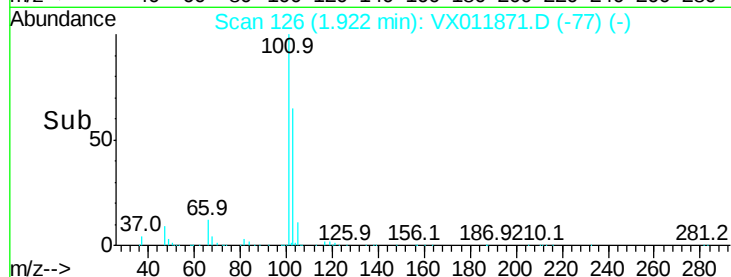
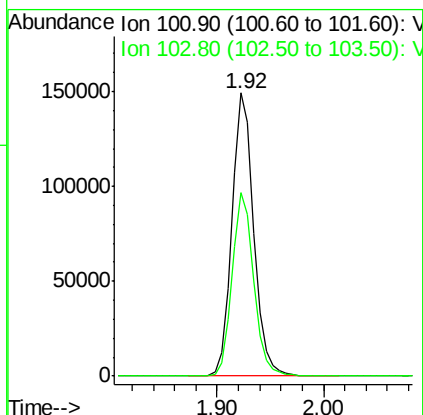
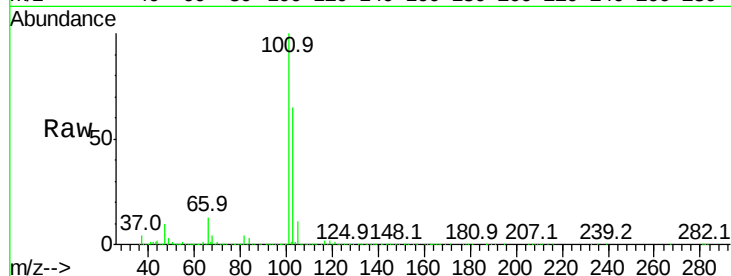


#7

Trichlorofluoromethane
Concen: 40.390 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX011871.D
Acq: 28 Aug 2019 12:01

Instrument :
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VSTDICCC050

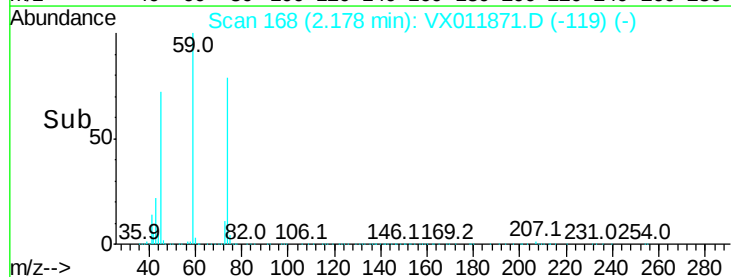
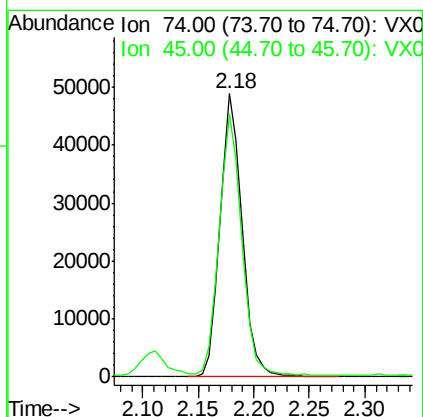
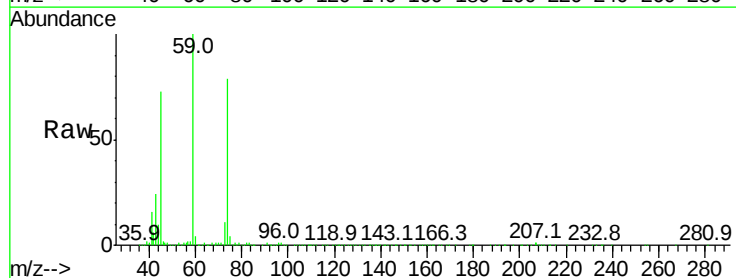
Tgt Ion:101 Resp: 214162
Ion Ratio Lower Upper
101 100
103 64.8 51.8 77.8

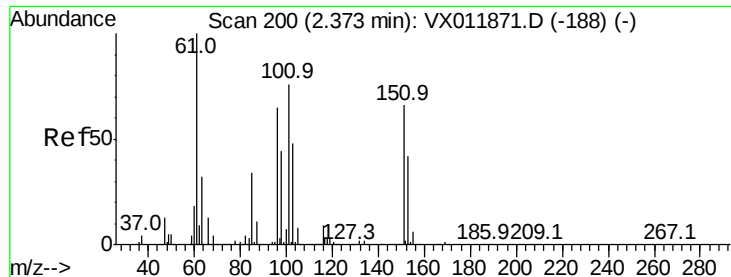


#8

Diethyl Ether
Concen: 33.421 ug/l
RT: 2.18 min Scan# 168
Delta R.T. 0.00 min
Lab File: VX011871.D
Acq: 28 Aug 2019 12:01

Tgt Ion: 74 Resp: 66973
Ion Ratio Lower Upper
74 100
45 94.2 47.1 141.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 41.819 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.00 min

Lab File: VX011871.D

Acq: 28 Aug 2019 12:01

Instrument :

MSVOA_X

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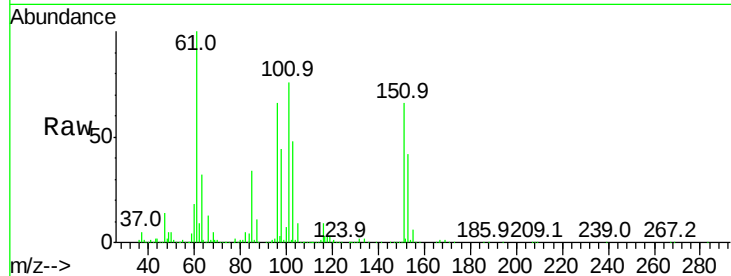
Tgt Ion:101 Resp: 140663

Ion Ratio Lower Upper

101 100

85 43.1 34.5 51.7

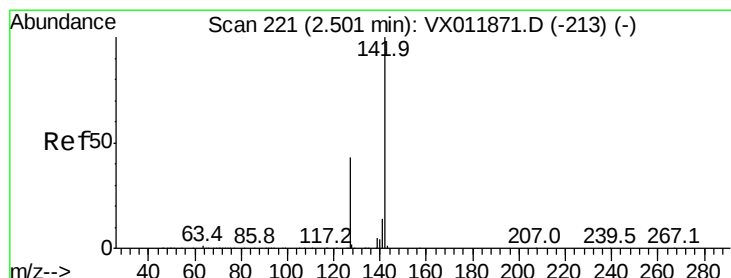
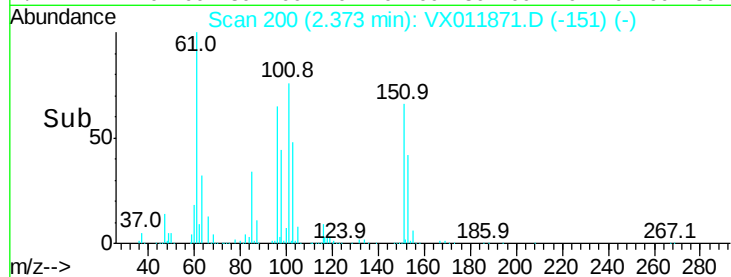
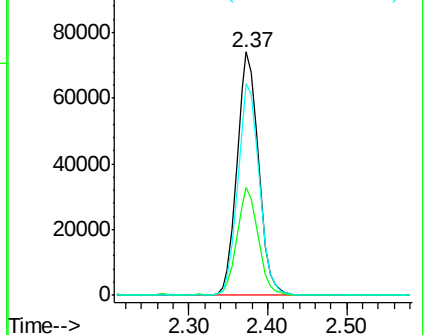
151 86.8 69.4 104.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 40.573 ug/l

RT: 2.50 min Scan# 221

Delta R.T. 0.00 min

Lab File: VX011871.D

Acq: 28 Aug 2019 12:01

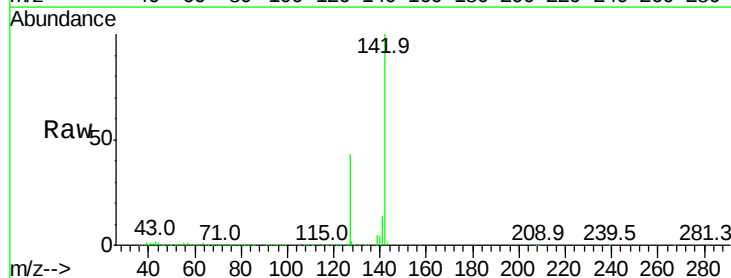
Tgt Ion:142 Resp: 156901

Ion Ratio Lower Upper

142 100

127 43.1 34.5 51.7

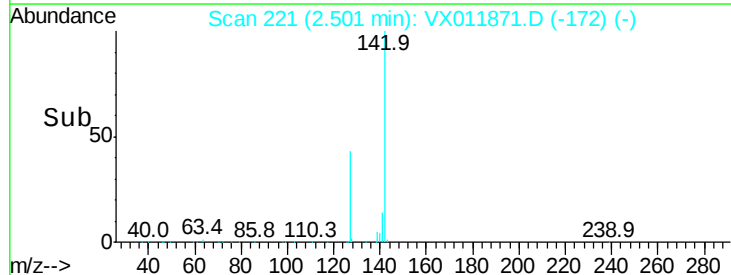
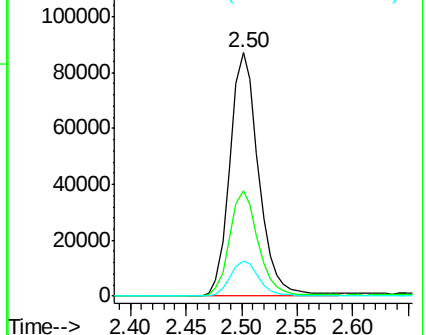
141 14.5 11.6 17.4

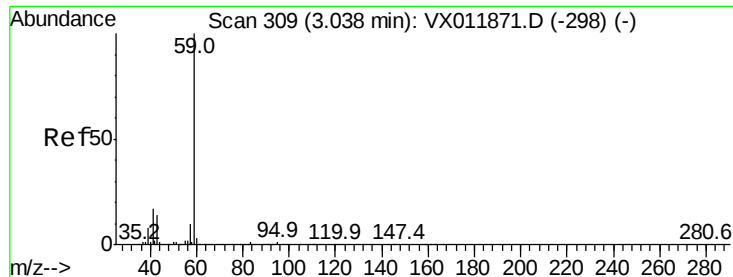


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



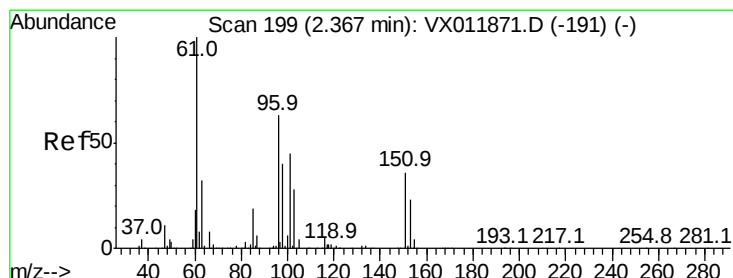
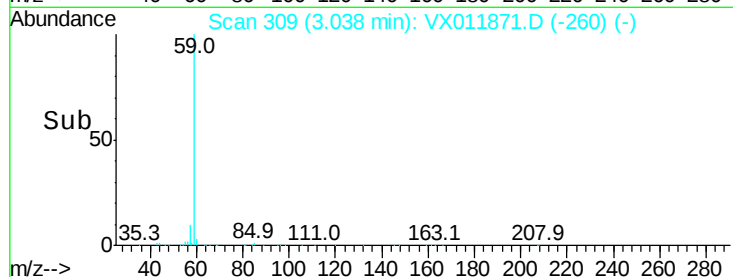
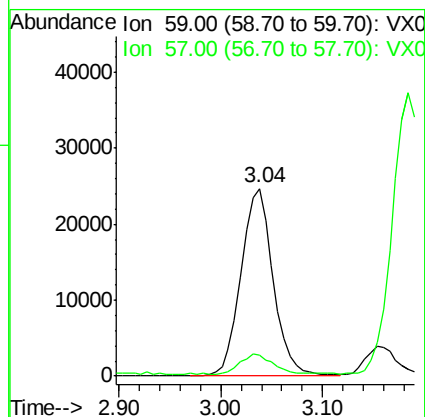
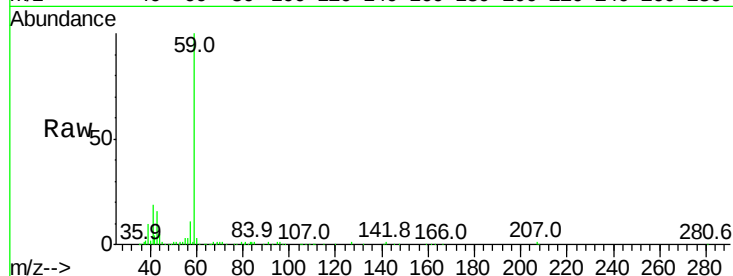


#11

Tert butyl alcohol
 Concen: 92.986 ug/l
 RT: 3.04 min Scan# 309
 Delta R.T. 0.00 min
 Lab File: VX011871.D
 Acq: 28 Aug 2019 12:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

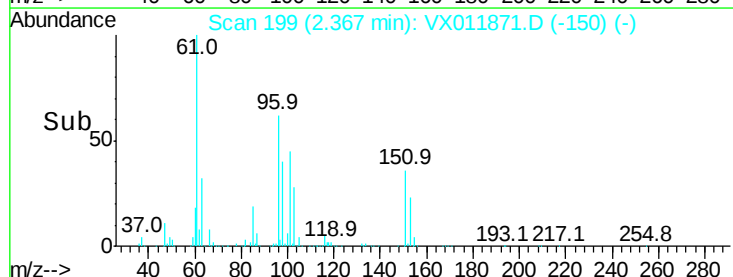
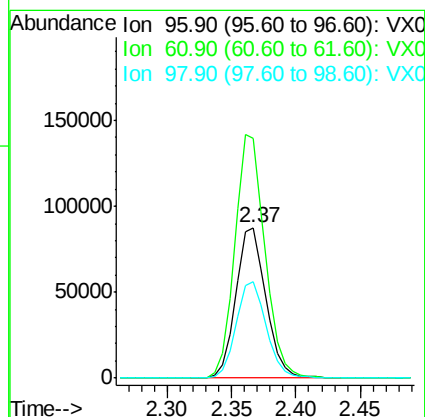
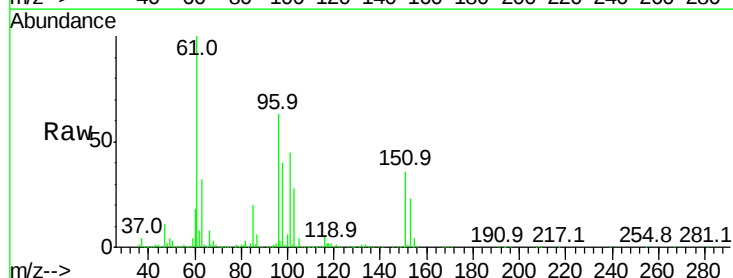
Tgt Ion: 59 Resp: 53954
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.3 12.5

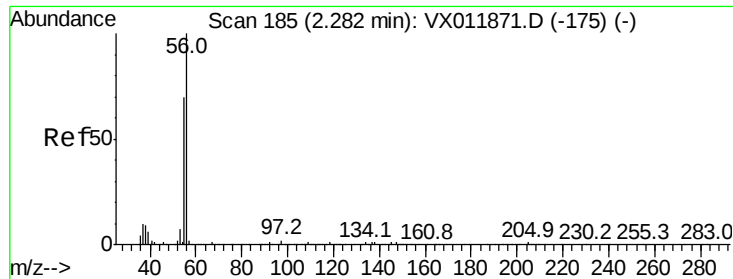


#12

1,1-Dichloroethene
 Concen: 44.285 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. 0.00 min
 Lab File: VX011871.D
 Acq: 28 Aug 2019 12:01

Tgt Ion: 96 Resp: 140248
 Ion Ratio Lower Upper
 96 100
 61 160.0 128.0 192.0
 98 64.3 51.4 77.2





#13

Acrolein

Concen: 157.228 ug/l

RT: 2.28 min Scan# 185

Delta R.T. 0.00 min

Lab File: VX011871.D

Acq: 28 Aug 2019 12:01

Instrument :

MSVOA_X

ClientSampleId :

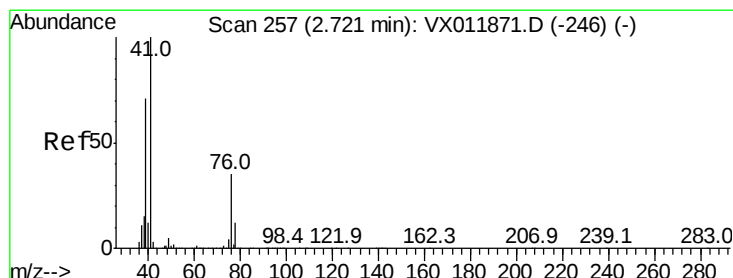
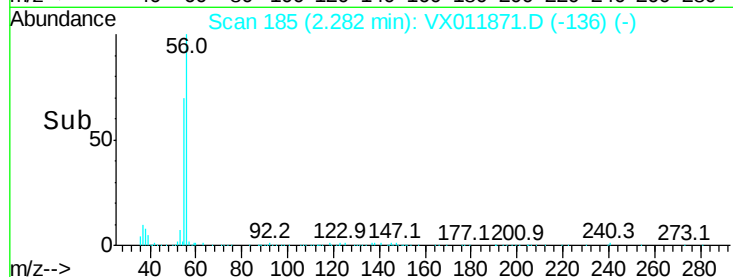
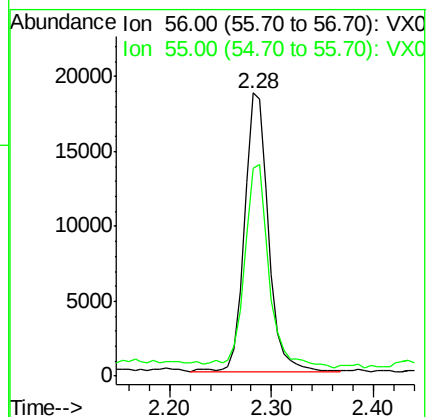
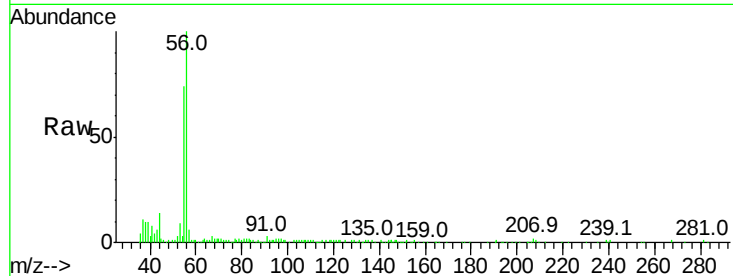
VSTDICCC050

Tgt Ion: 56 Resp: 29848

Ion Ratio Lower Upper

56 100

55 75.3 60.2 90.4



#14

Allyl chloride

Concen: 41.793 ug/l

RT: 2.72 min Scan# 257

Delta R.T. 0.00 min

Lab File: VX011871.D

Acq: 28 Aug 2019 12:01

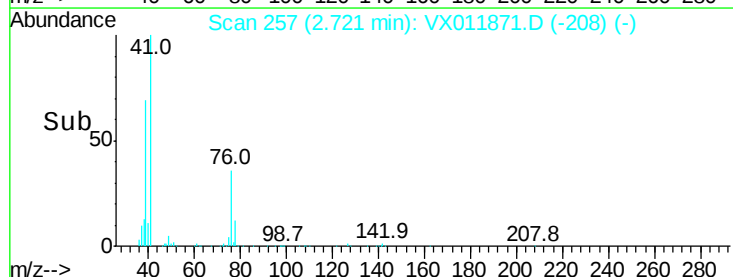
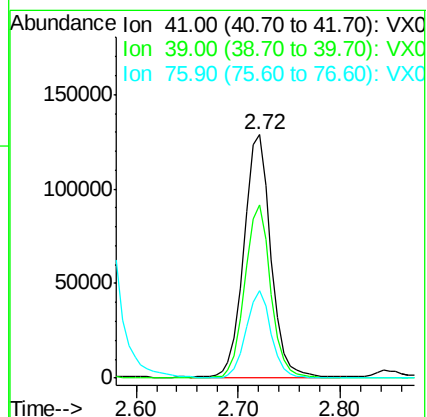
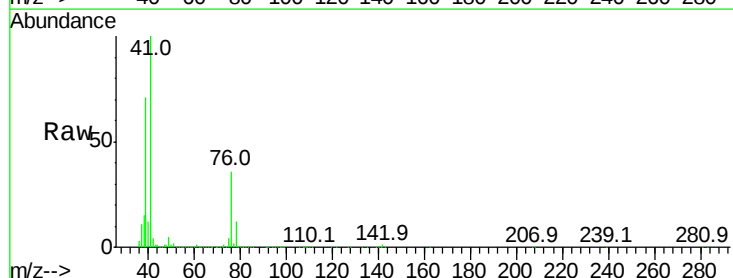
Tgt Ion: 41 Resp: 234624

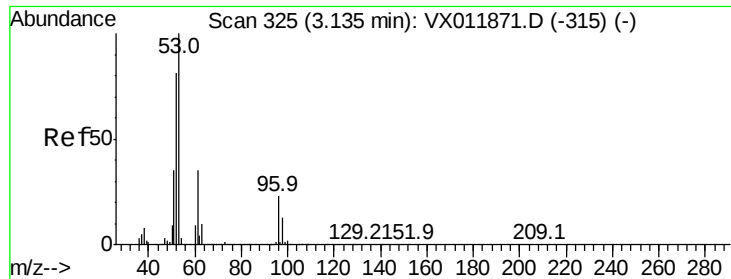
Ion Ratio Lower Upper

41 100

39 68.3 54.6 82.0

76 33.9 27.1 40.7





#15

Acrylonitrile

Concen: 123.586 ug/l

RT: 3.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX011871.D

Acq: 28 Aug 2019 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

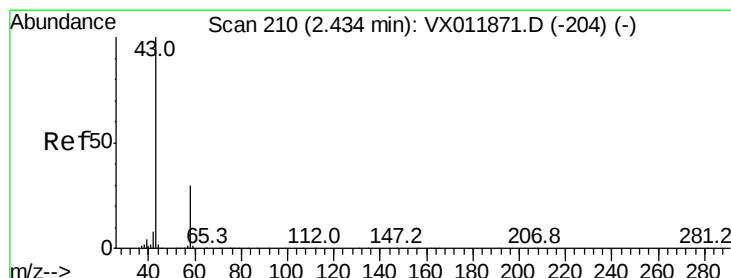
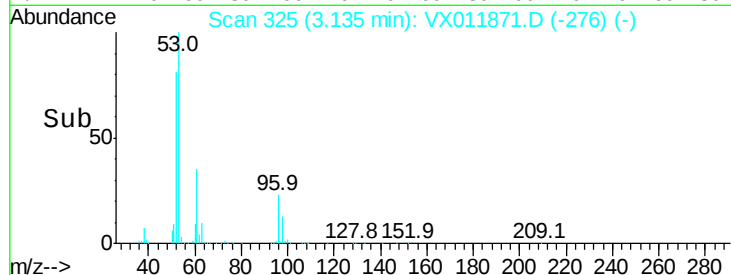
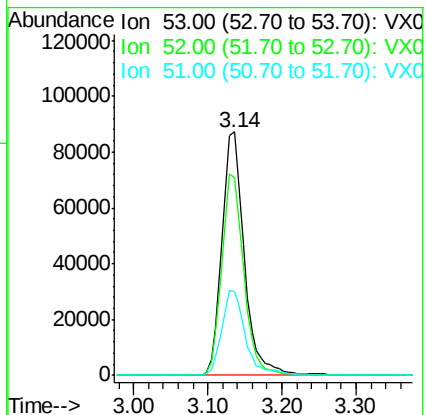
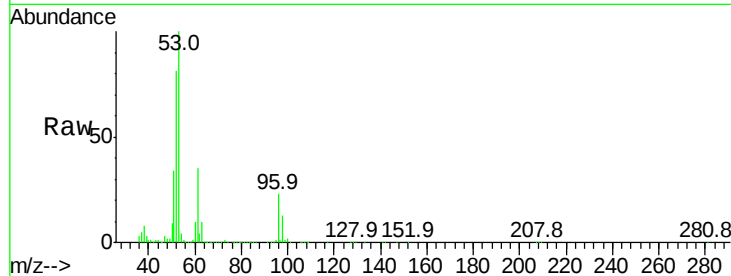
Tgt Ion: 53 Resp: 182367

Ion Ratio Lower Upper

53 100

52 81.6 65.3 97.9

51 36.4 29.1 43.7



#16

Acetone

Concen: 187.130 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011871.D

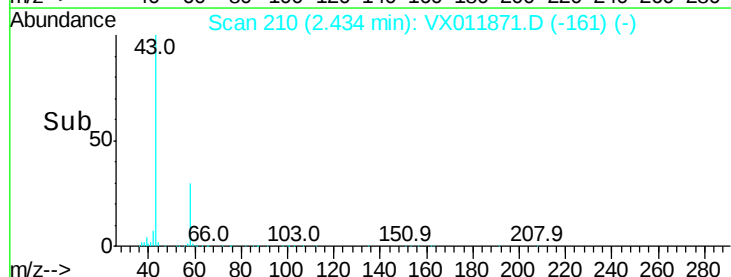
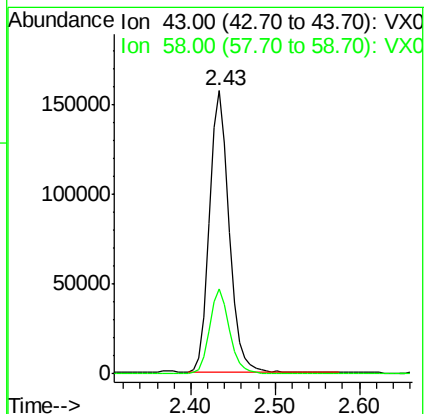
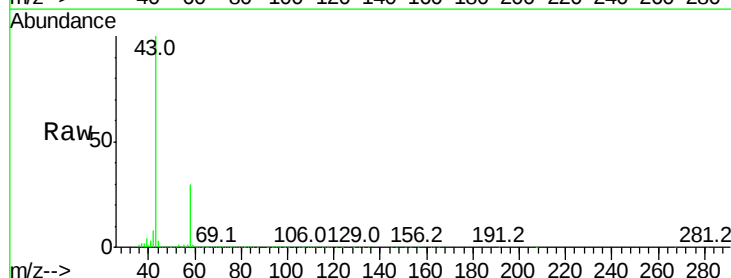
Acq: 28 Aug 2019 12:01

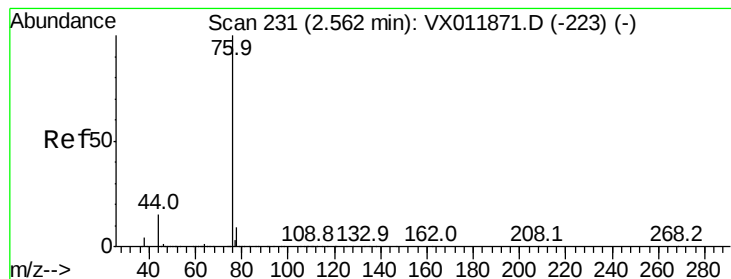
Tgt Ion: 43 Resp: 256135

Ion Ratio Lower Upper

43 100

58 30.0 24.0 36.0





#17

Carbon Disulfide

Concen: 41.164 ug/l

RT: 2.56 min Scan# 231

Delta R.T. 0.00 min

Lab File: VX011871.D

Acq: 28 Aug 2019 12:01

Instrument :

MSVOA_X

ClientSampled :

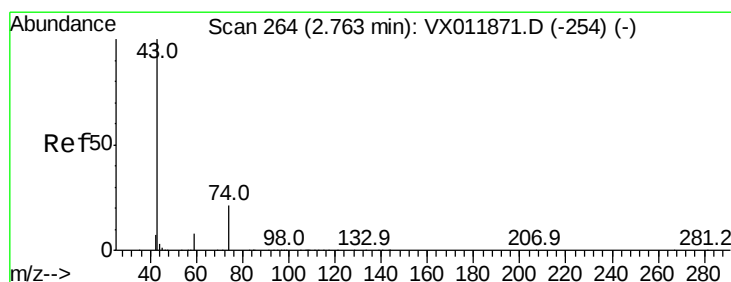
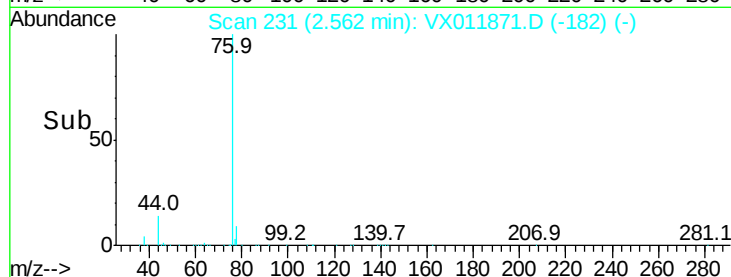
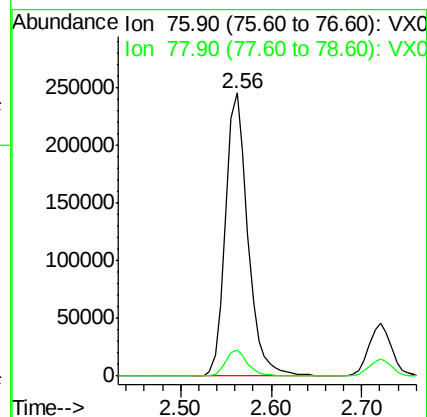
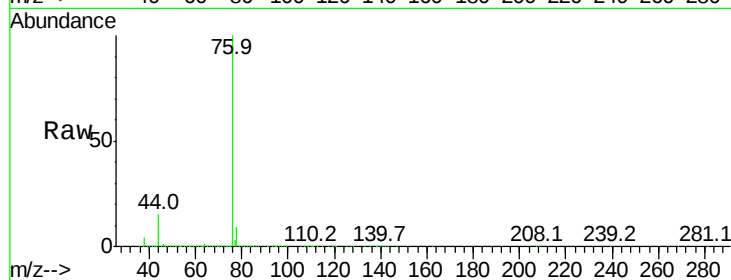
VSTDICCC050

Tgt Ion: 76 Resp: 424154

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2



#18

Methyl Acetate

Concen: 26.709 ug/l

RT: 2.76 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX011871.D

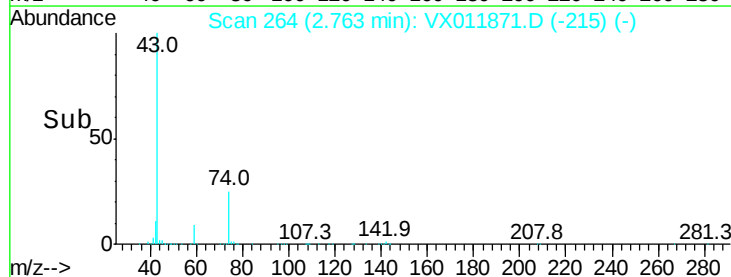
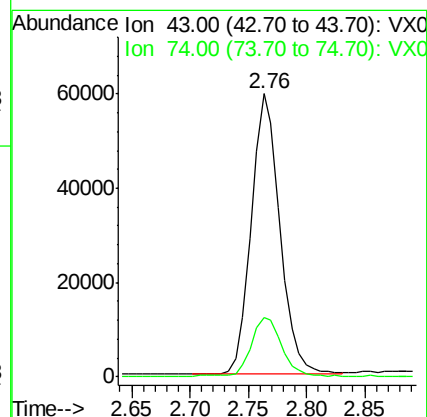
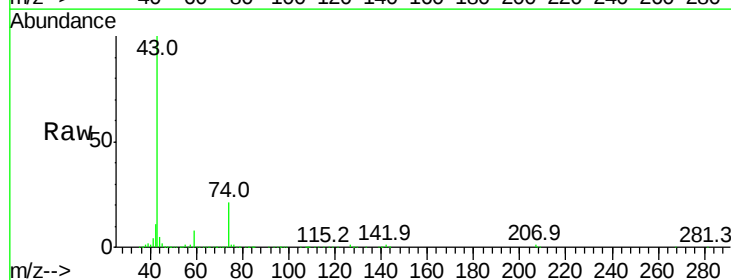
Acq: 28 Aug 2019 12:01

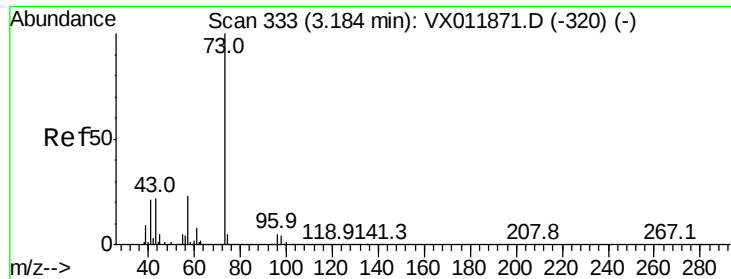
Tgt Ion: 43 Resp: 102736

Ion Ratio Lower Upper

43 100

74 23.3 18.6 28.0

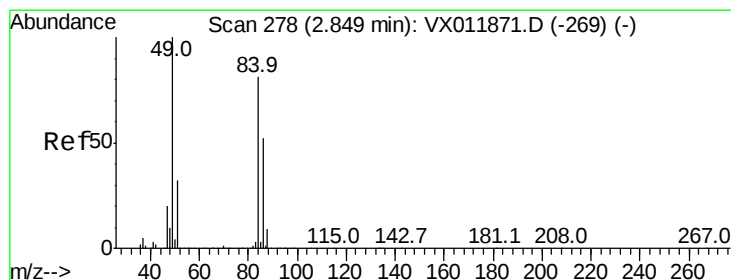
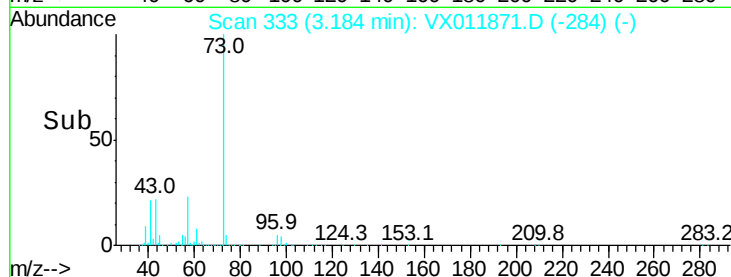
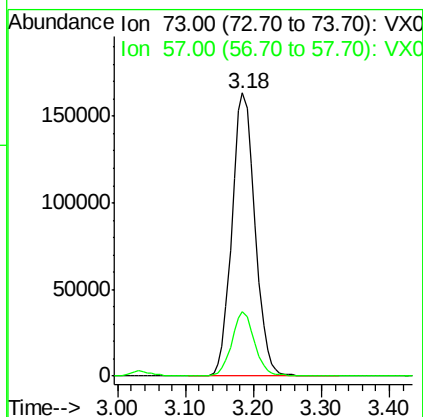
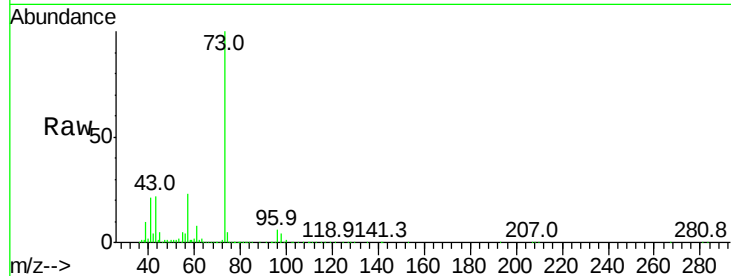




#19
Methyl tert-butyl Ether
Concen: 44.657 ug/l
RT: 3.18 min Scan# 333
Delta R.T. 0.00 min
Lab File: VX011871.D
Acq: 28 Aug 2019 12:01

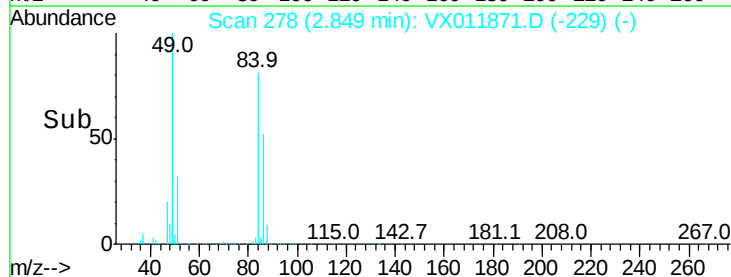
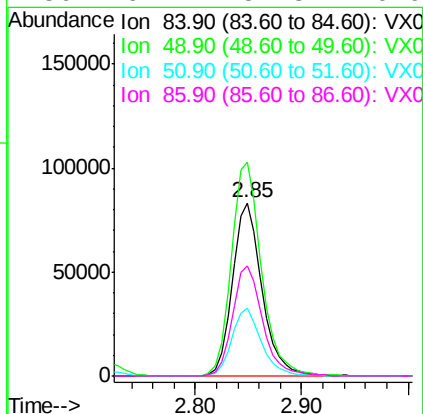
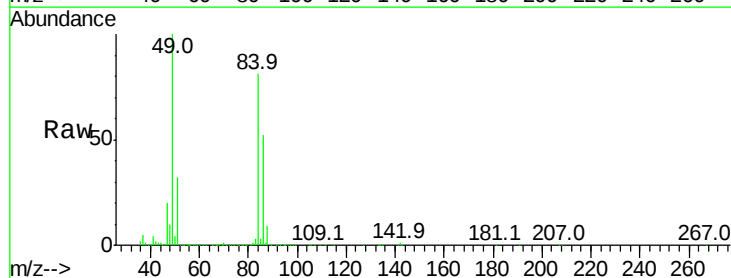
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

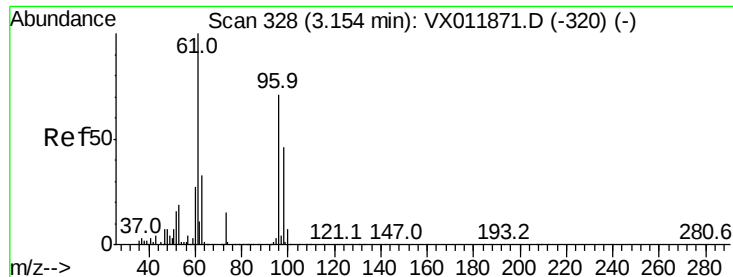
Tgt Ion: 73 Resp: 384955
Ion Ratio Lower Upper
73 100
57 22.6 18.1 27.1



#20
Methylene Chloride
Concen: 38.437 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011871.D
Acq: 28 Aug 2019 12:01

Tgt Ion: 84 Resp: 161295
Ion Ratio Lower Upper
84 100
49 123.6 98.9 148.3
51 39.3 31.4 47.2
86 64.1 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 46.035 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX011871.D

Acq: 28 Aug 2019 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

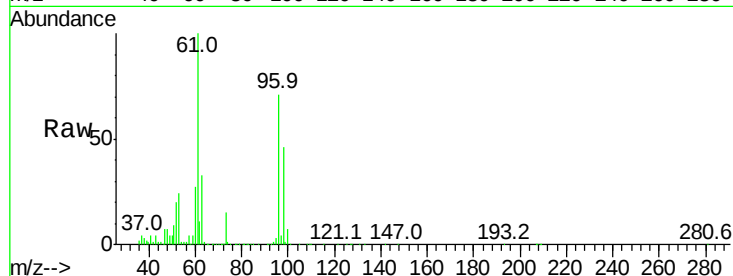
Tgt Ion: 96 Resp: 159744

Ion Ratio Lower Upper

96 100

61 139.9 111.9 167.9

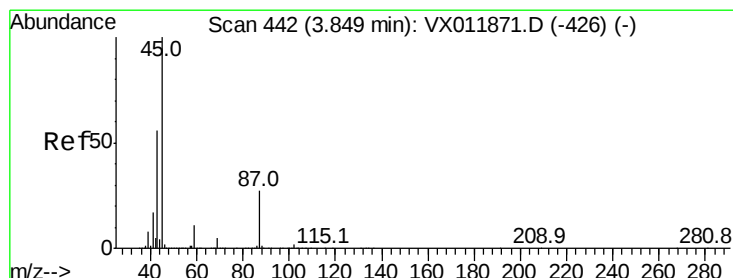
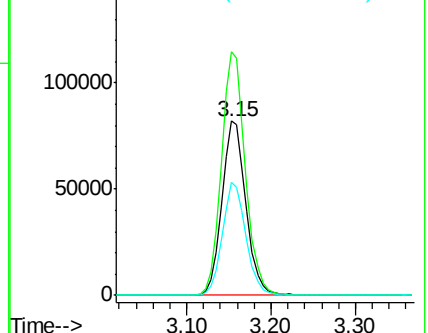
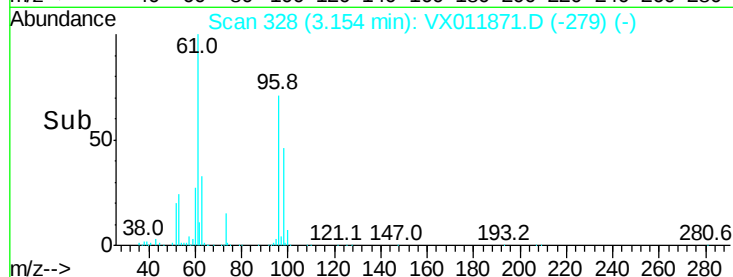
98 64.6 51.7 77.5



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: 46.522 ug/l

RT: 3.85 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX011871.D

Acq: 28 Aug 2019 12:01

Tgt Ion: 45 Resp: 471461

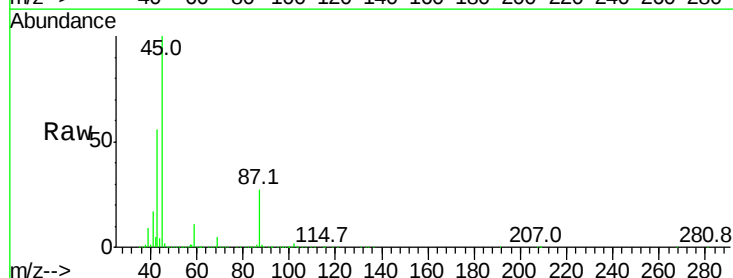
Ion Ratio Lower Upper

45 100

43 55.9 44.7 67.1

87 26.9 21.5 32.3

59 11.4 9.1 13.7

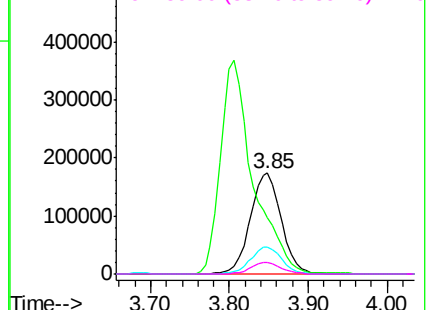
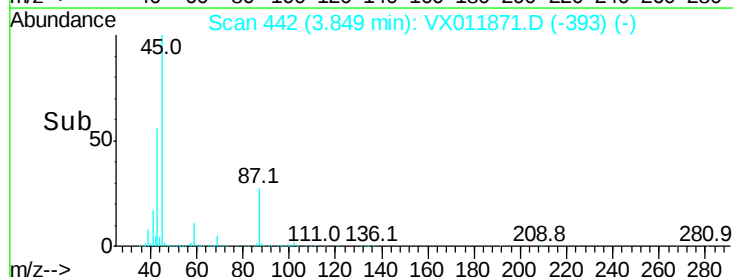


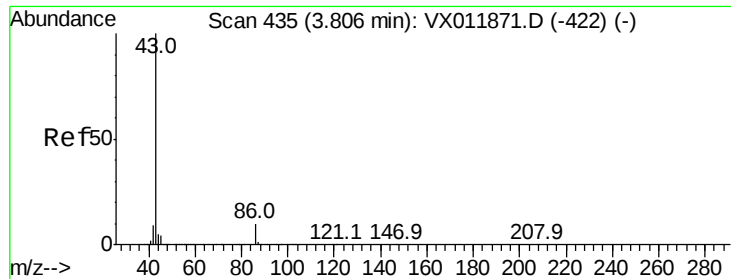
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 145.111 ug/l

RT: 3.81 min Scan# 435

Delta R.T. 0.00 min

Lab File: VX011871.D

Acq: 28 Aug 2019 12:01

Instrument :

MSVOA_X

ClientSampleId :

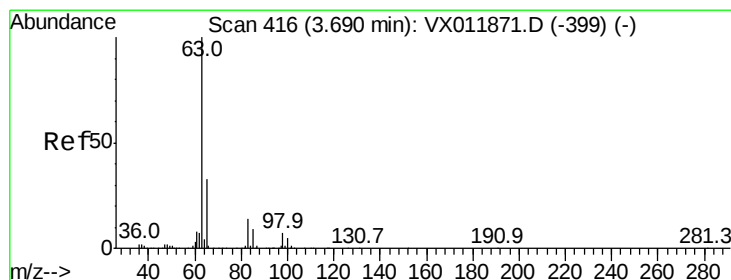
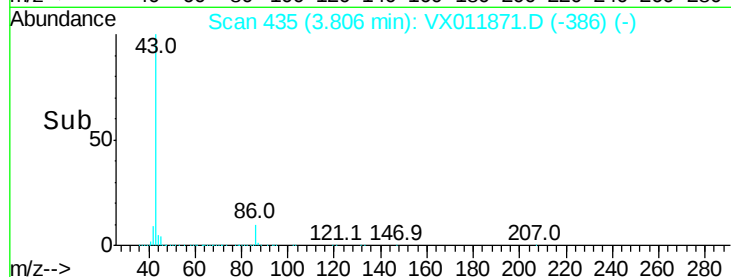
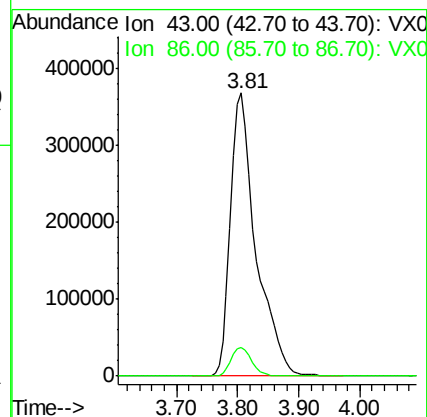
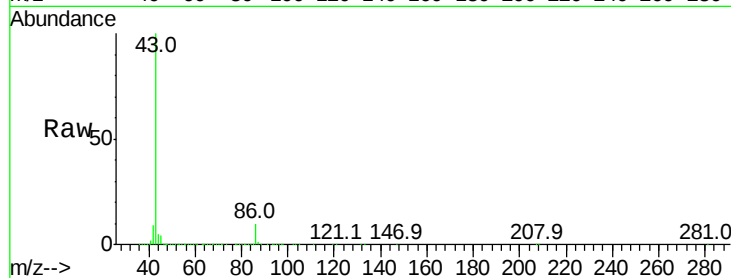
VSTDICCC050

Tgt Ion: 43 Resp: 1060634

Ion Ratio Lower Upper

43 100

86 10.1 8.1 12.1



#24

1,1-Dichloroethane

Concen: 47.146 ug/l

RT: 3.69 min Scan# 416

Delta R.T. 0.00 min

Lab File: VX011871.D

Acq: 28 Aug 2019 12:01

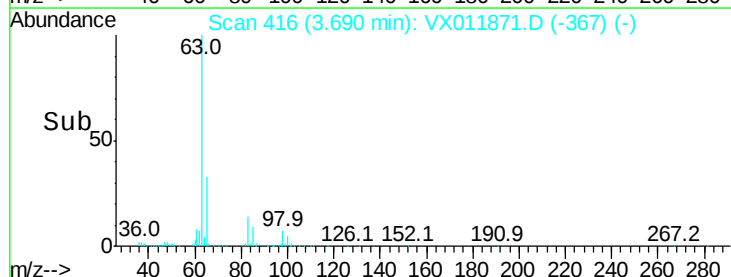
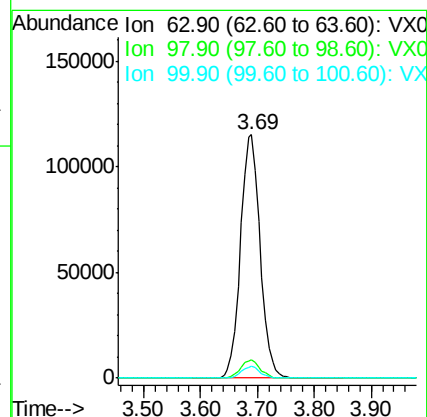
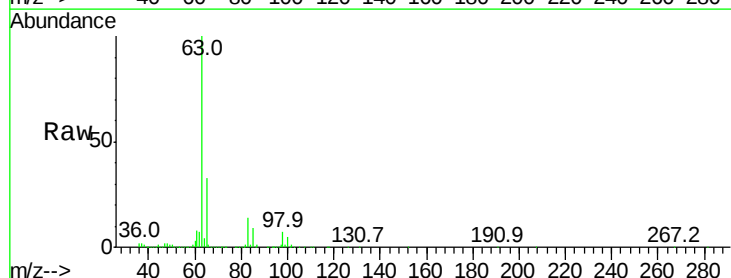
Tgt Ion: 63 Resp: 278639

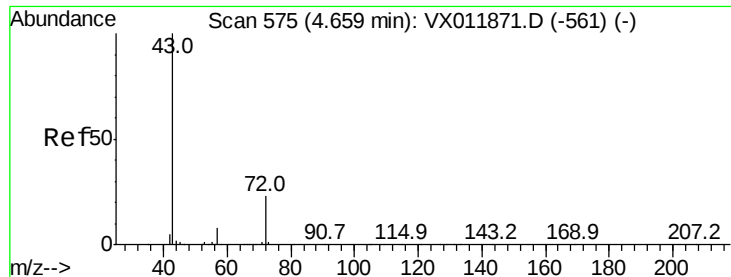
Ion Ratio Lower Upper

63 100

98 7.4 3.7 11.1

100 5.1 2.5 7.6





#25

2-Butanone

Concen: 128.141 ug/l

RT: 4.66 min Scan# 575

Delta R.T. 0.00 min

Lab File: VX011871.D

Acq: 28 Aug 2019 12:01

Instrument :

MSVOA_X

ClientSampleId :

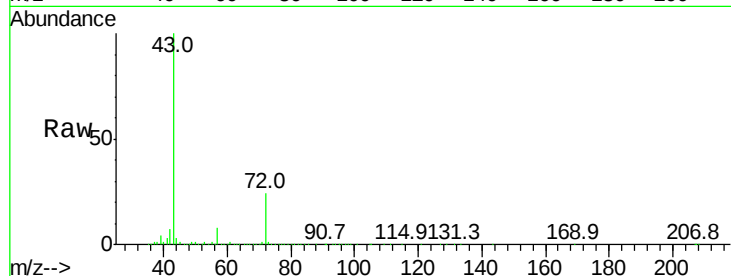
VSTDICCC050

Tgt Ion: 43 Resp: 255684

Ion Ratio Lower Upper

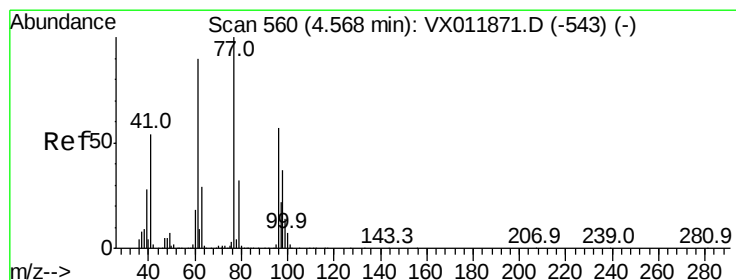
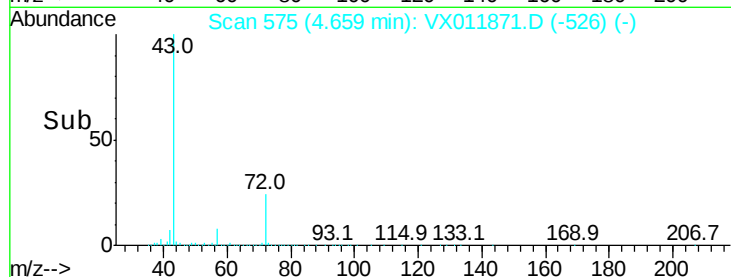
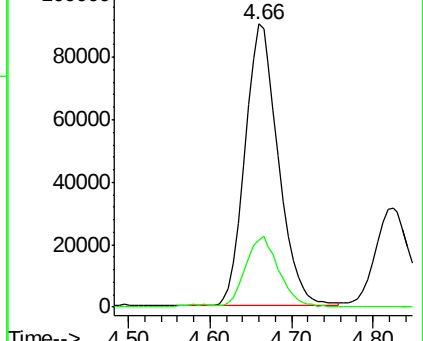
43 100

72 23.6 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 47.977 ug/l

RT: 4.57 min Scan# 560

Delta R.T. 0.00 min

Lab File: VX011871.D

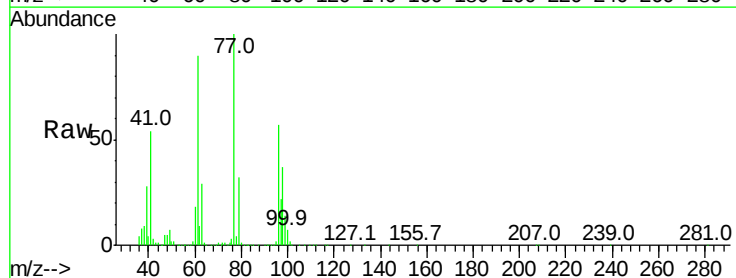
Acq: 28 Aug 2019 12:01

Tgt Ion: 77 Resp: 223321

Ion Ratio Lower Upper

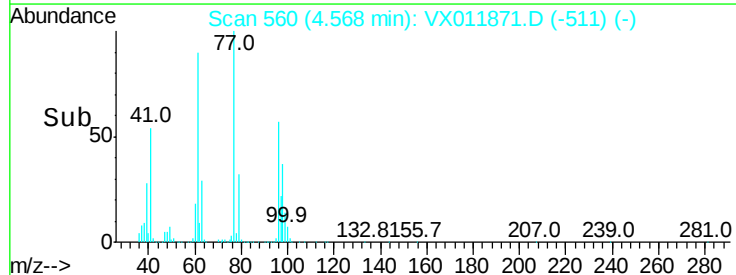
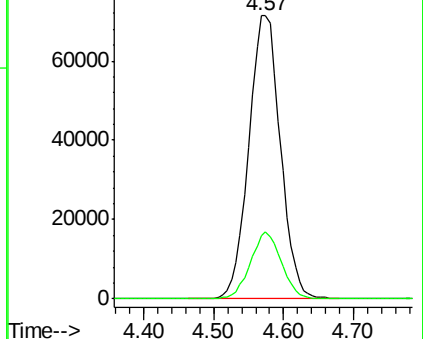
77 100

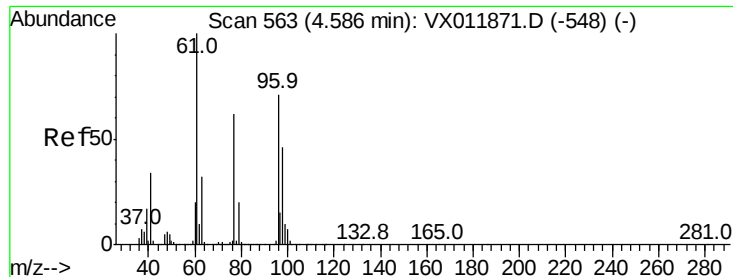
97 23.1 11.6 34.7



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 48.346 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX011871.D

Acq: 28 Aug 2019 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

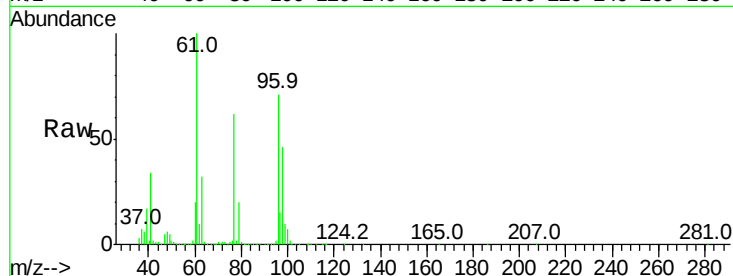
Tgt Ion: 96 Resp: 180794

Ion Ratio Lower Upper

96 100

61 144.4 0.0 288.8

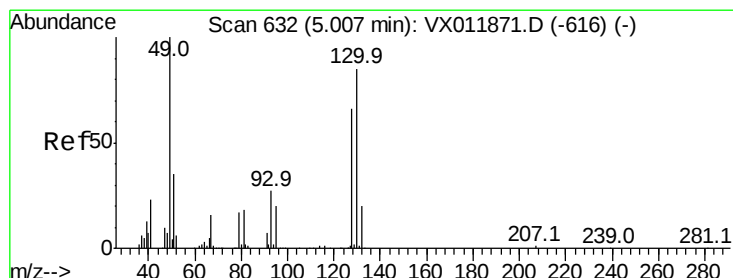
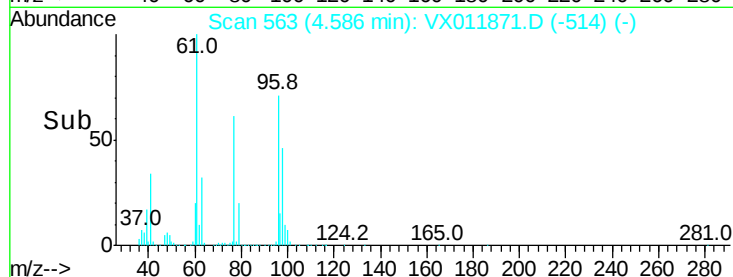
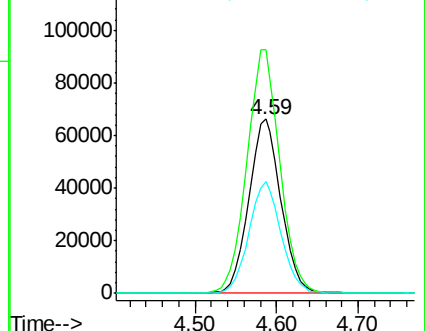
98 64.8 0.0 129.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 44.774 ug/l

RT: 5.01 min Scan# 632

Delta R.T. 0.00 min

Lab File: VX011871.D

Acq: 28 Aug 2019 12:01

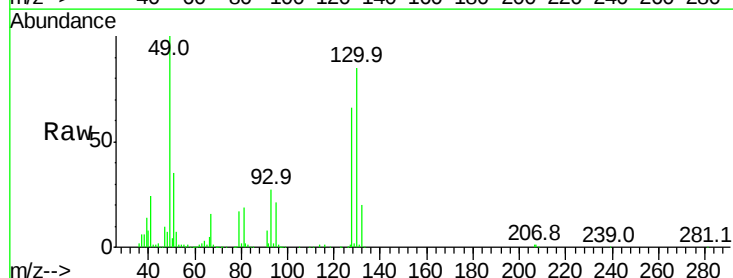
Tgt Ion: 49 Resp: 118700

Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.6

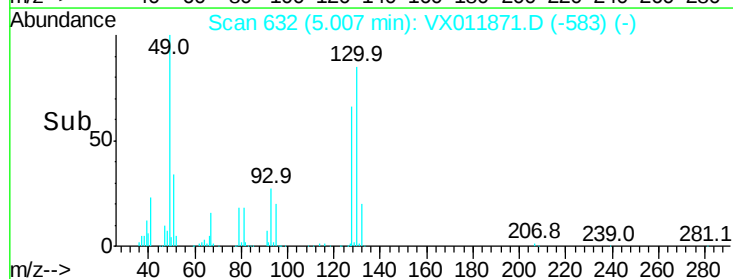
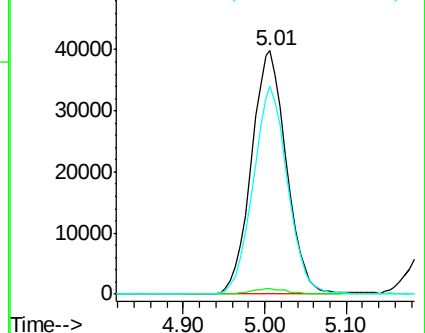
130 84.1 67.3 100.9

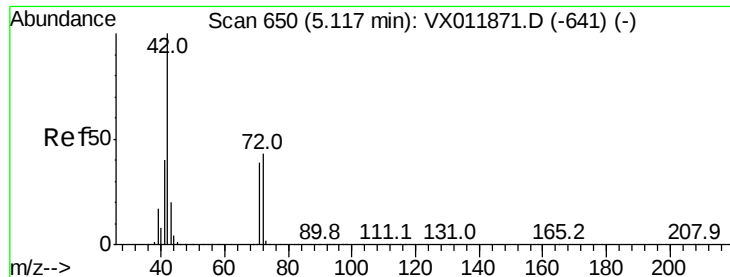


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

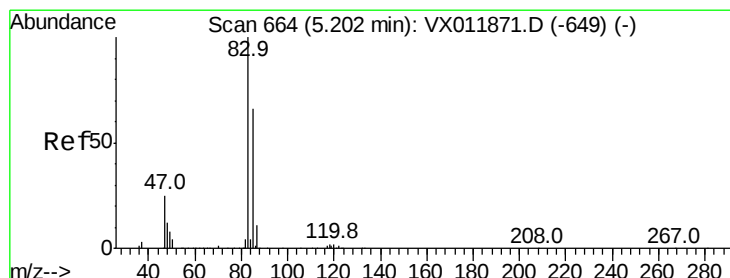
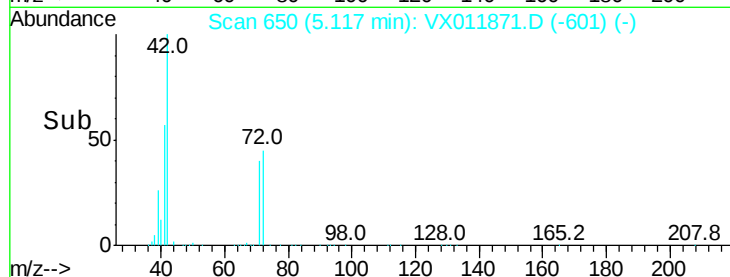
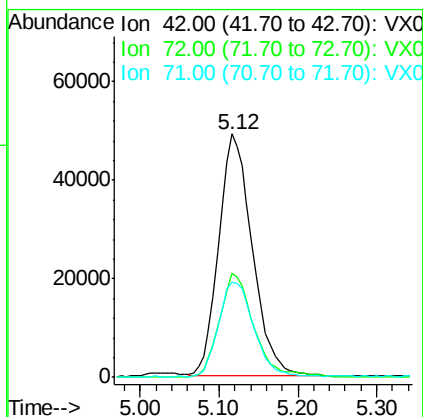
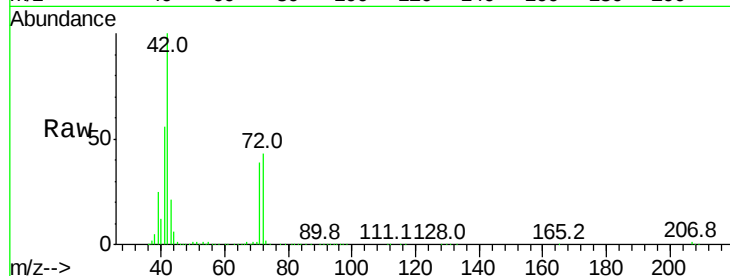




#29
Tetrahydrofuran
Concen: 114.447 ug/l
RT: 5.12 min Scan# 650
Delta R.T. 0.00 min
Lab File: VX011871.D
Acq: 28 Aug 2019 12:01

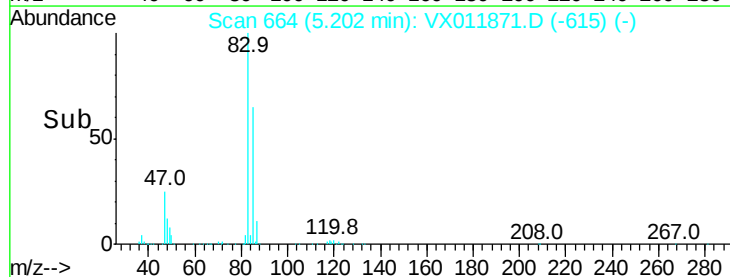
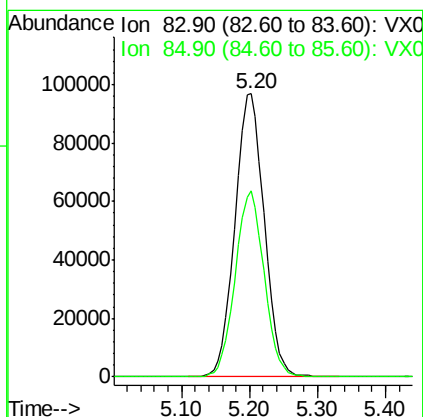
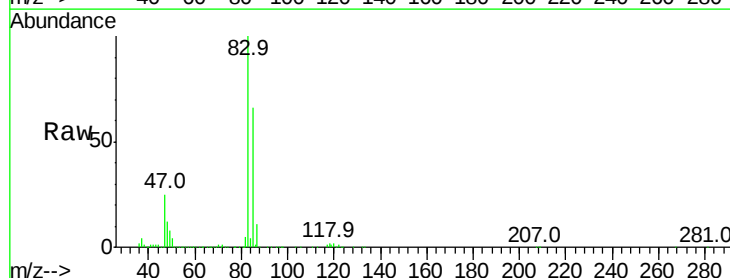
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

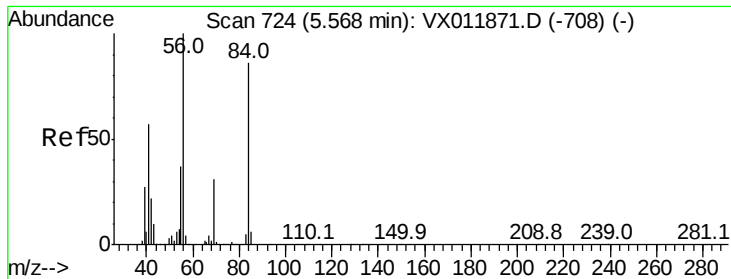
Tgt Ion: 42 Resp: 145530
Ion Ratio Lower Upper
42 100
72 44.5 35.4 53.2
71 40.8 32.6 48.8



#30
Chloroform
Concen: 49.683 ug/l
RT: 5.20 min Scan# 664
Delta R.T. 0.00 min
Lab File: VX011871.D
Acq: 28 Aug 2019 12:01

Tgt Ion: 83 Resp: 289340
Ion Ratio Lower Upper
83 100
85 65.6 52.5 78.7

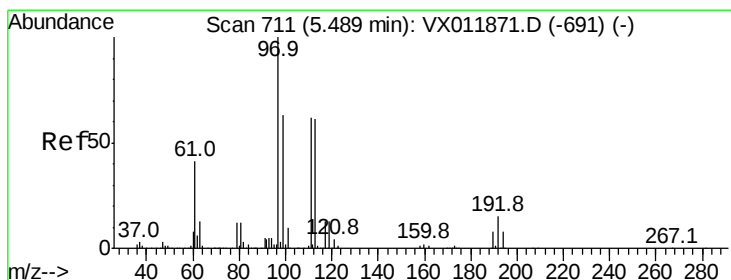
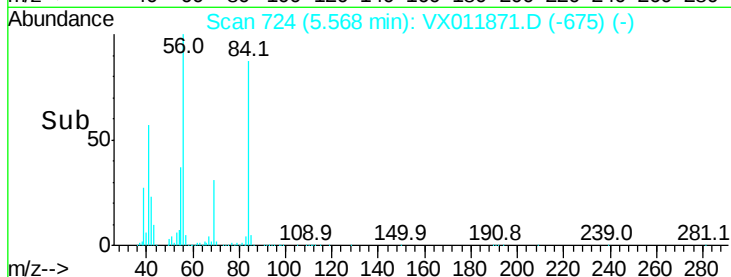
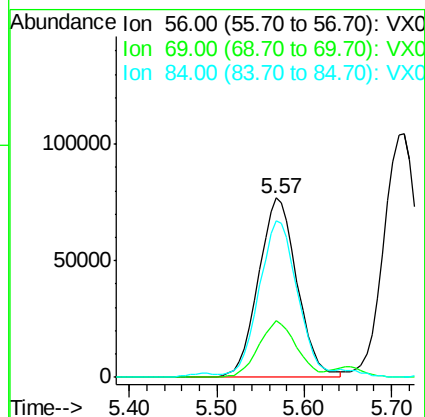
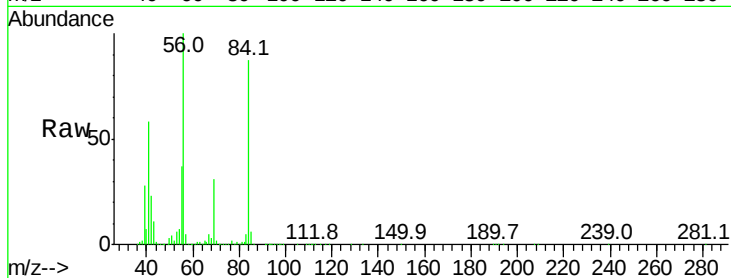




#31
Cyclohexane
Concen: 41.274 ug/l
RT: 5.57 min Scan# 724
Delta R.T. 0.00 min
Lab File: VX011871.D
Acq: 28 Aug 2019 12:01

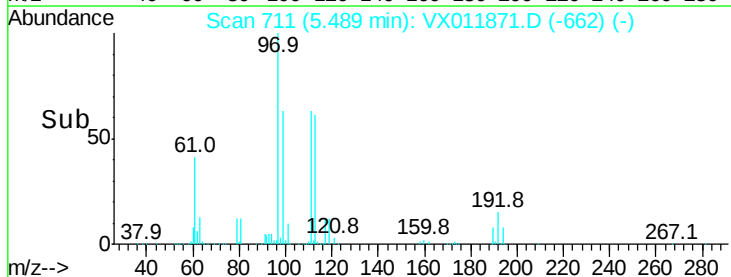
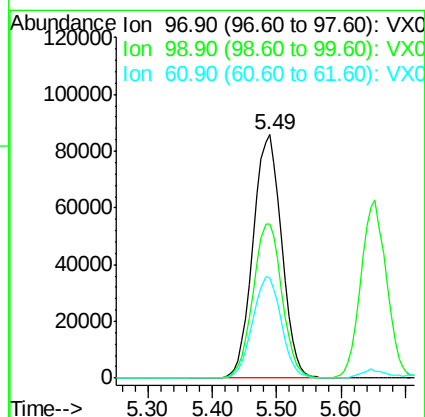
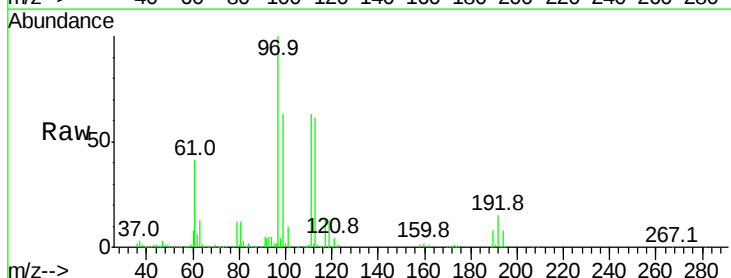
Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

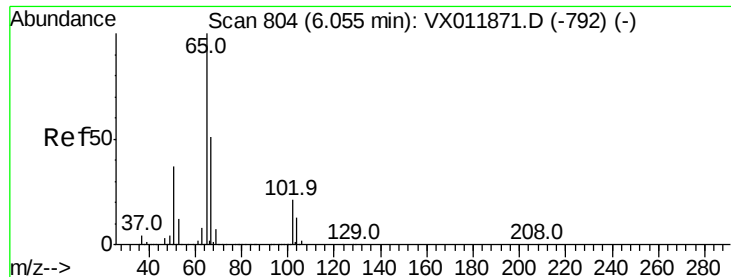
Tgt Ion: 56 Resp: 235629
Ion Ratio Lower Upper
56 100
69 31.2 25.0 37.4
84 85.8 68.6 103.0



#32
1,1,1-Trichloroethane
Concen: 52.370 ug/l
RT: 5.49 min Scan# 711
Delta R.T. 0.00 min
Lab File: VX011871.D
Acq: 28 Aug 2019 12:01

Tgt Ion: 97 Resp: 262127
Ion Ratio Lower Upper
97 100
99 63.9 51.1 76.7
61 41.8 33.4 50.2





#33

1,2-Dichloroethane-d4

Concen: 44.336 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011871.D

Acq: 28 Aug 2019 12:01

Instrument :

MSVOA_X

ClientSampleId :

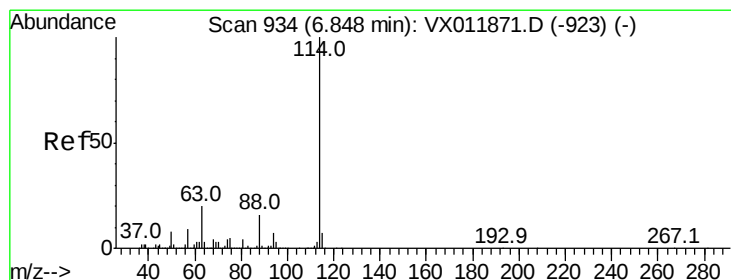
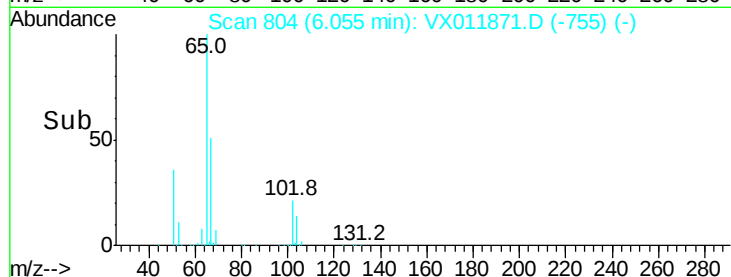
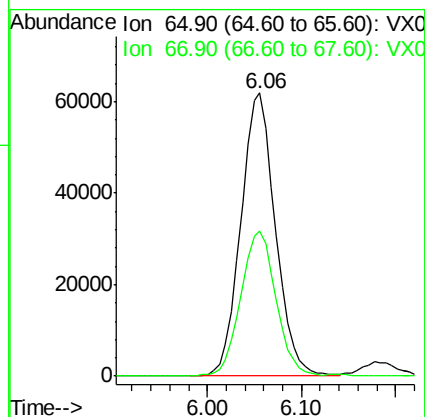
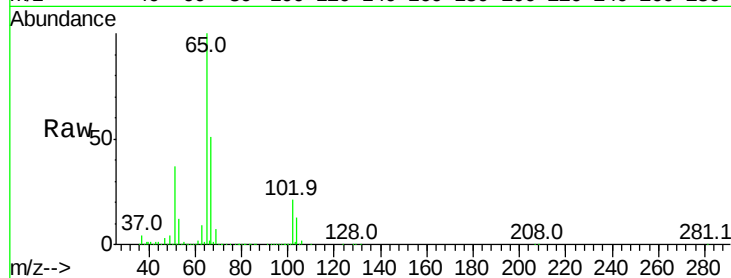
VSTDICCC050

Tgt Ion: 65 Resp: 158872

Ion Ratio Lower Upper

65 100

67 51.5 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 934

Delta R.T. 0.00 min

Lab File: VX011871.D

Acq: 28 Aug 2019 12:01

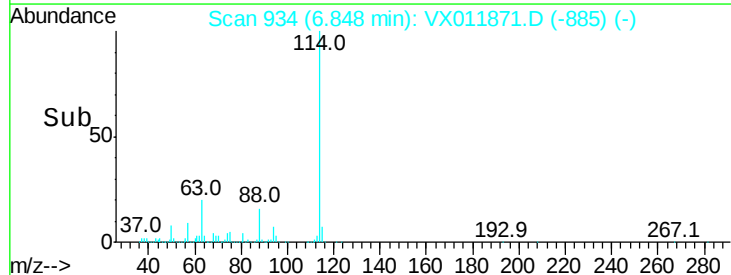
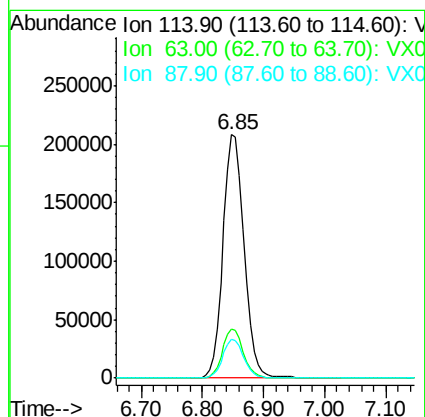
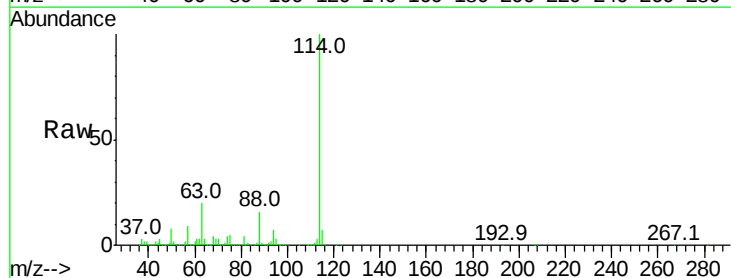
Tgt Ion: 114 Resp: 499397

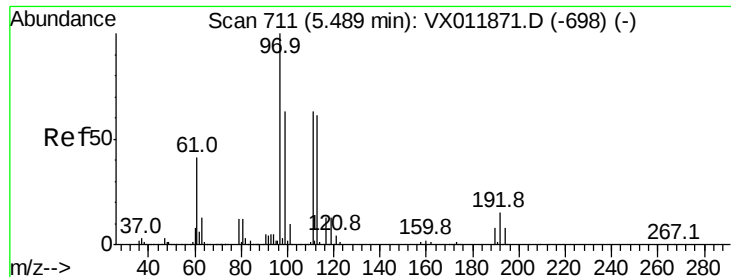
Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.8

88 15.8 0.0 31.6

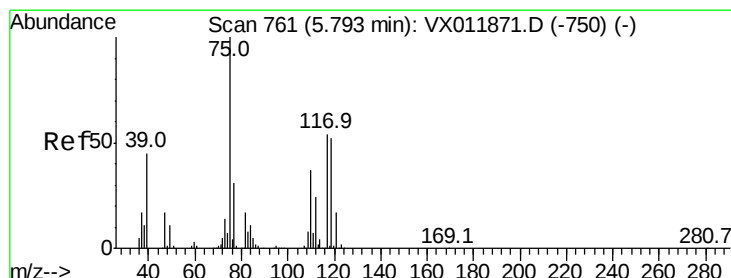
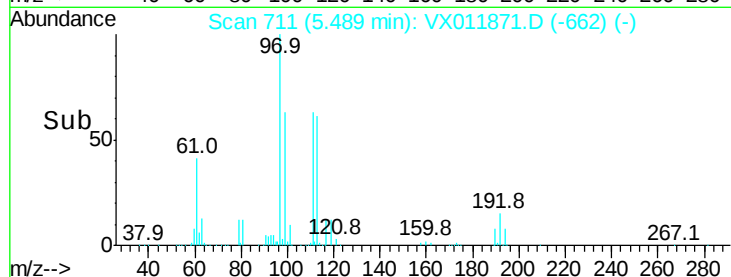
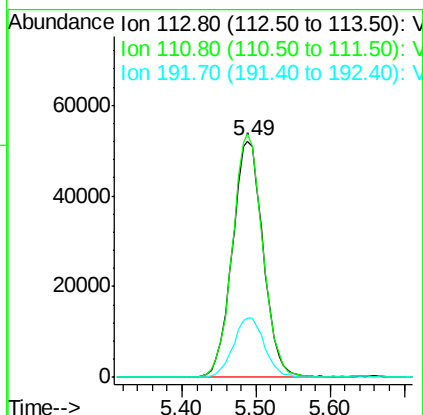
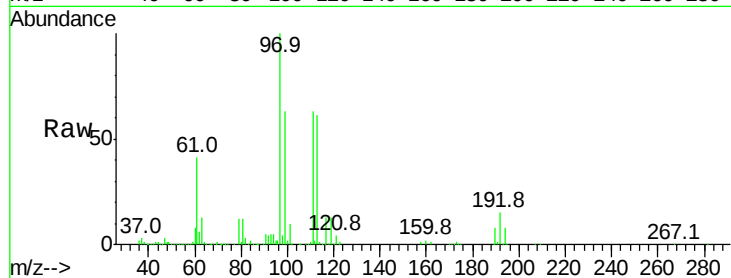




#35
 Dibromofluoromethane
 Concen: 51.347 ug/l
 RT: 5.49 min Scan# 711
 Delta R.T. 0.00 min
 Lab File: VX011871.D
 Acq: 28 Aug 2019 12:01

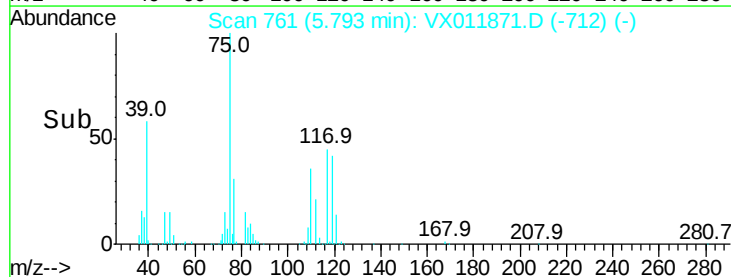
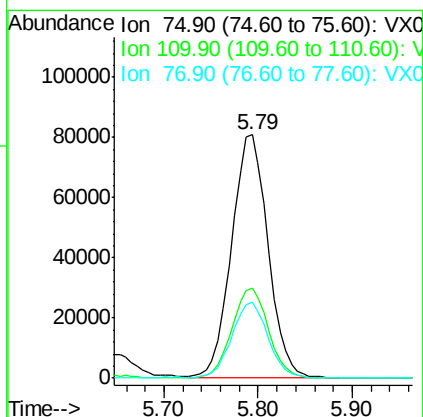
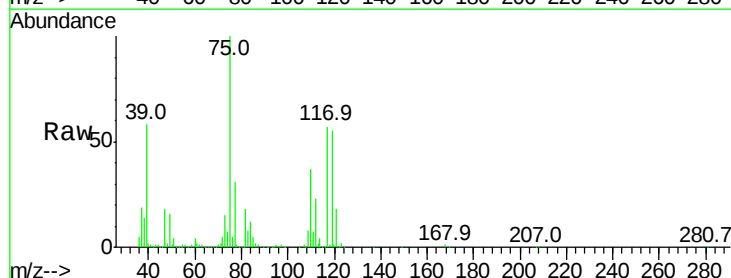
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

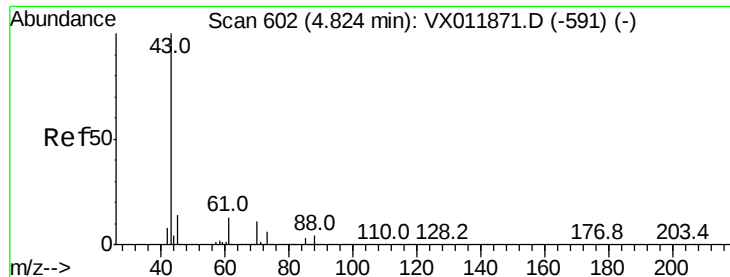
Tgt Ion: 113 Resp: 150990
 Ion Ratio Lower Upper
 113 100
 111 101.1 80.9 121.3
 192 25.7 20.6 30.8



#36
 1,1-Dichloropropene
 Concen: 46.399 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. 0.00 min
 Lab File: VX011871.D
 Acq: 28 Aug 2019 12:01

Tgt Ion: 75 Resp: 217001
 Ion Ratio Lower Upper
 75 100
 110 37.0 18.5 55.5
 77 30.9 24.7 37.1

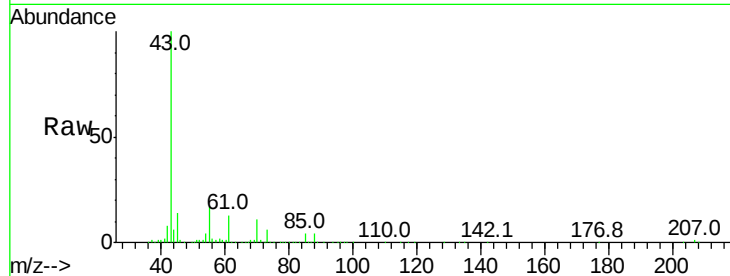




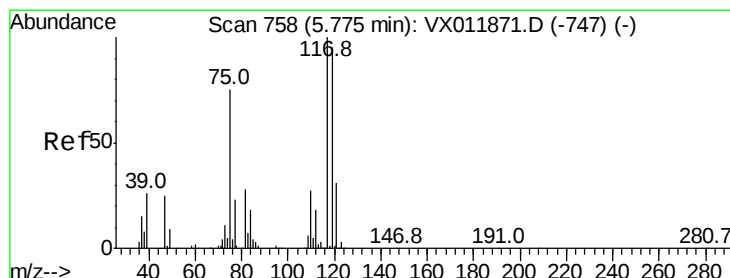
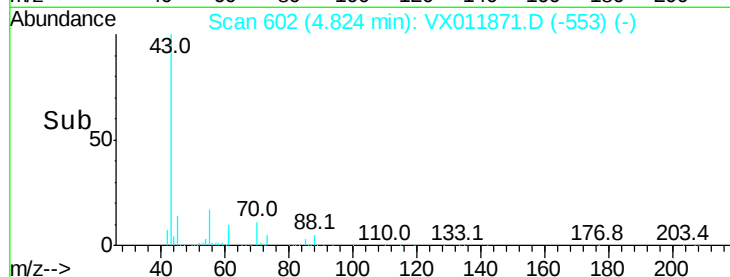
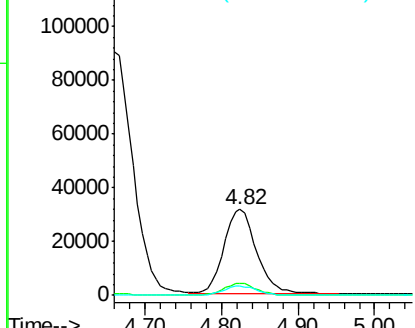
#37
 Ethyl Acetate
 Concen: 26.240 ug/l
 RT: 4.82 min Scan# 602
 Delta R.T. 0.00 min
 Lab File: VX011871.D
 Acq: 28 Aug 2019 12:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 43 Resp: 94267
 Ion Ratio Lower Upper
 43 100
 61 13.1 10.5 15.7
 70 11.1 8.9 13.3

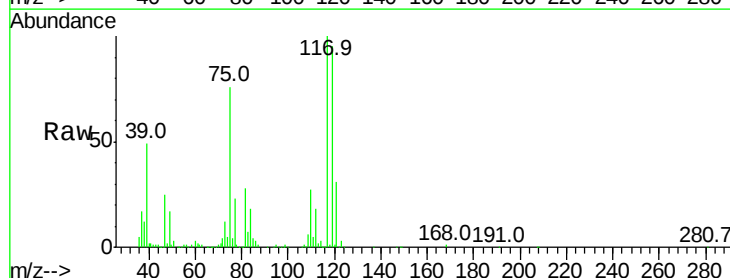


Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 70.00 (69.70 to 70.70): VX0

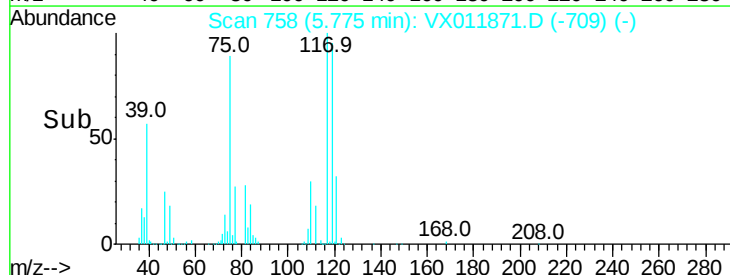
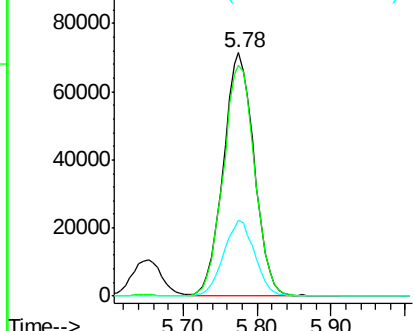


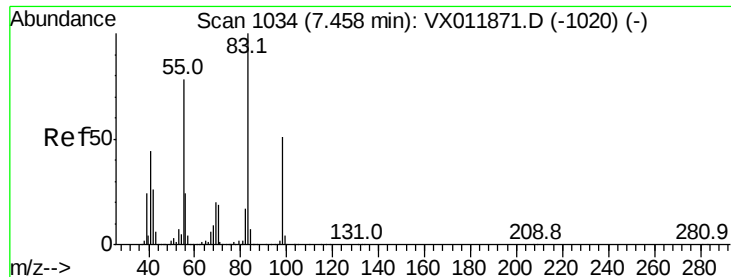
#38
 Carbon Tetrachloride
 Concen: 47.600 ug/l
 RT: 5.78 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: VX011871.D
 Acq: 28 Aug 2019 12:01

Tgt Ion: 117 Resp: 205911
 Ion Ratio Lower Upper
 117 100
 119 94.6 75.7 113.5
 121 31.4 25.1 37.7



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 118.80 (118.50 to 119.50): V
 Ion 120.80 (120.50 to 121.50): V

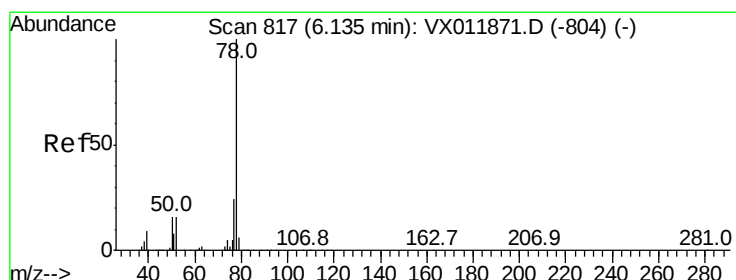
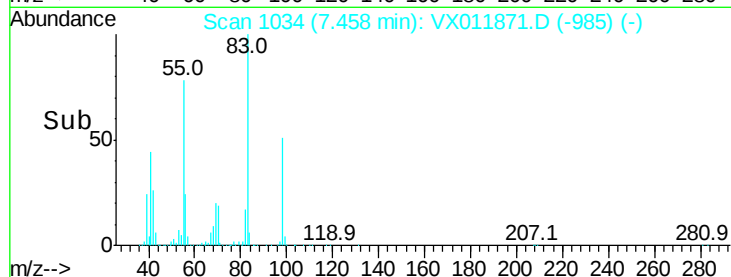
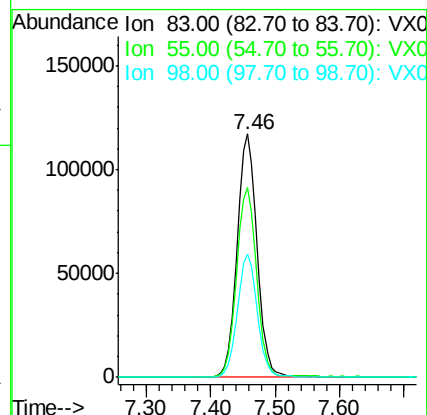
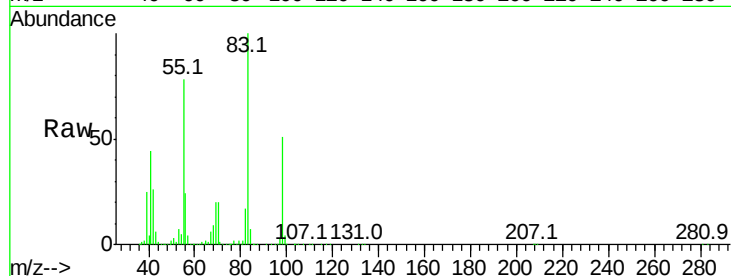




#39
Methylcyclohexane
Concen: 44.455 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX011871.D
Acq: 28 Aug 2019 12:01

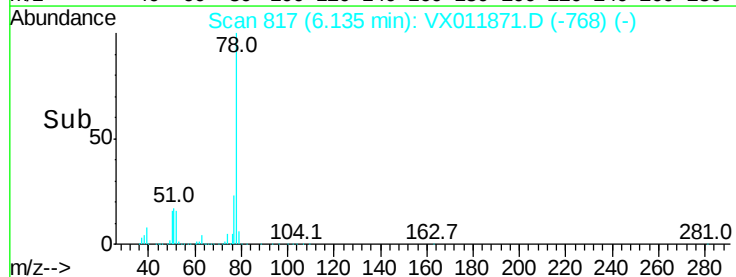
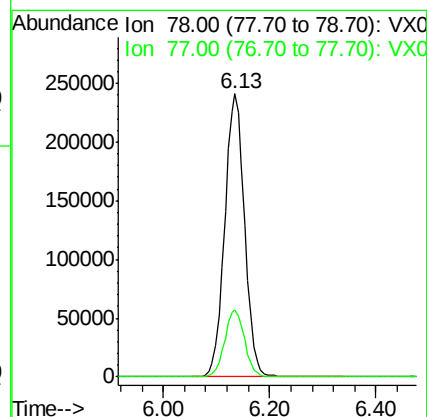
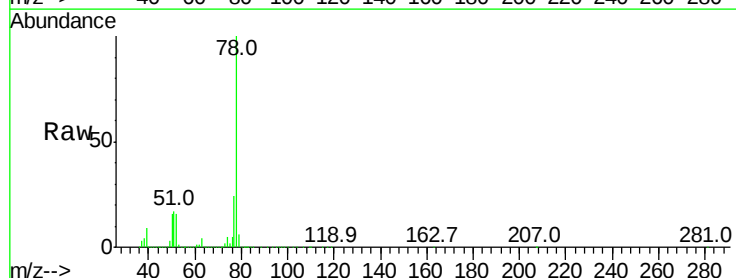
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

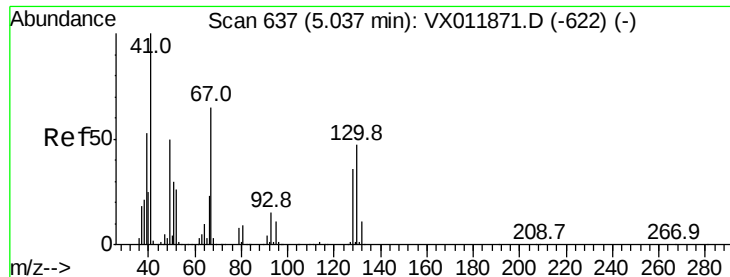
Tgt Ion	Ratio	Lower	Upper
83	100		
55	77.6	62.1	93.1
98	50.8	40.6	61.0



#40
Benzene
Concen: 46.910 ug/l
RT: 6.13 min Scan# 817
Delta R.T. 0.00 min
Lab File: VX011871.D
Acq: 28 Aug 2019 12:01

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.0	28.4

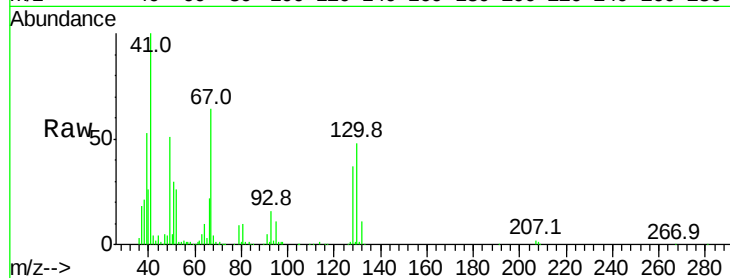




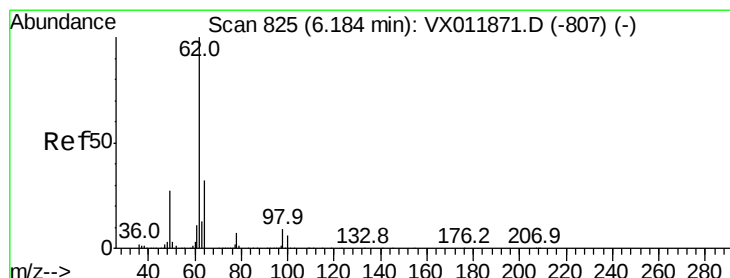
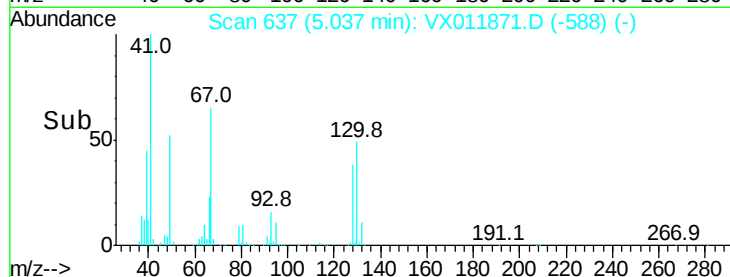
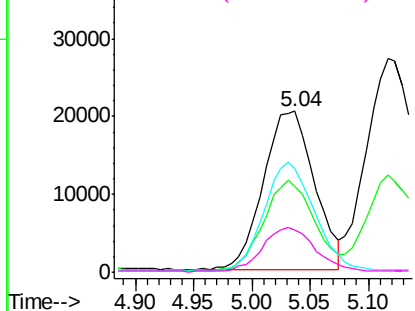
#41
Methacrylonitrile
Concen: 30.589 ug/l
RT: 5.04 min Scan# 637
Delta R.T. 0.00 min
Lab File: VX011871.D
Acq: 28 Aug 2019 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:	41	Resp:	61943
Ion	Ratio	Lower	Upper
41	100		
39	55.6	44.5	66.7
67	68.7	55.0	82.4
52	29.1	23.3	34.9

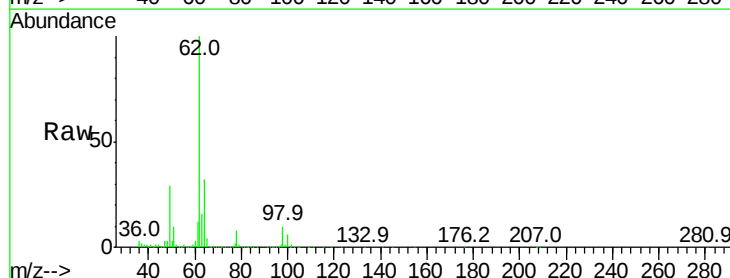


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

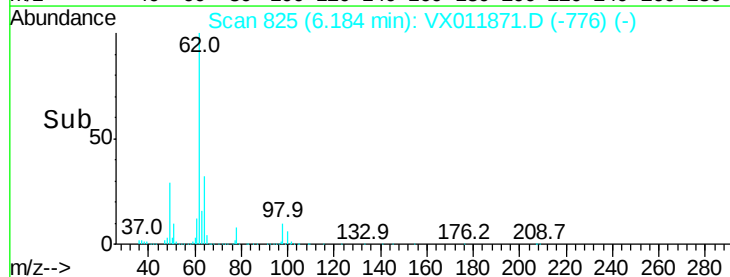
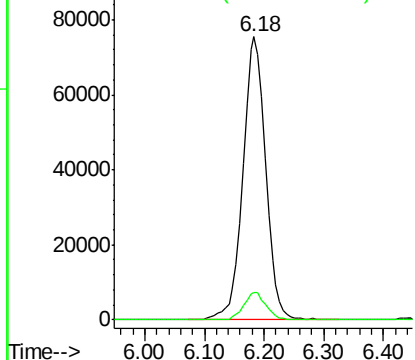


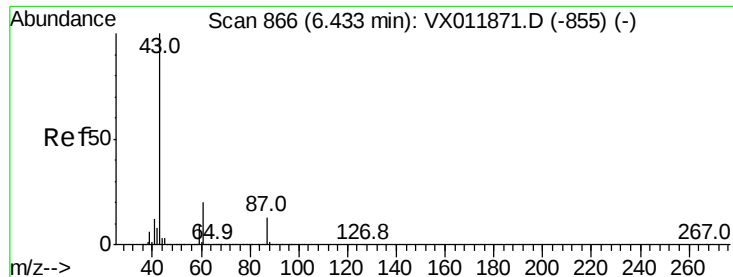
#42
1,2-Dichloroethane
Concen: 49.330 ug/l
RT: 6.18 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX011871.D
Acq: 28 Aug 2019 12:01

Tgt Ion:	62	Resp:	199687
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.2



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



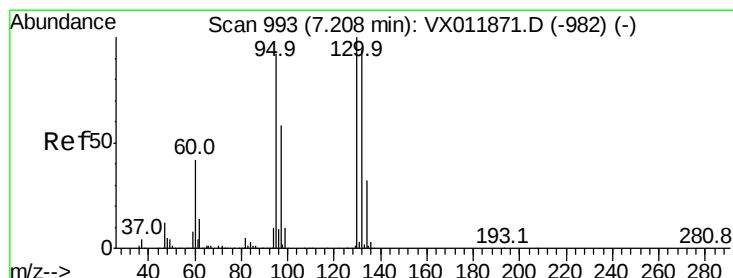
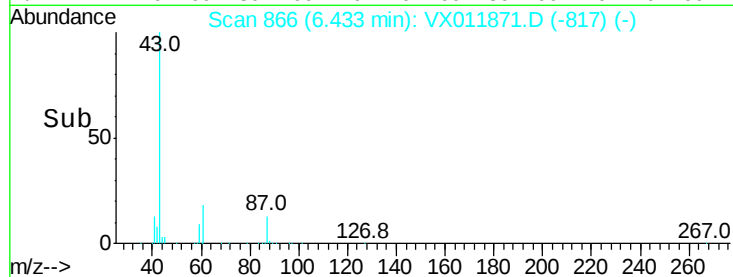
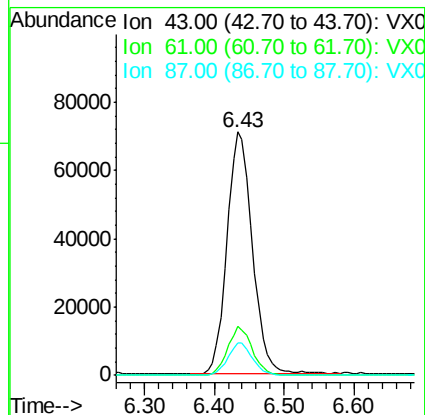
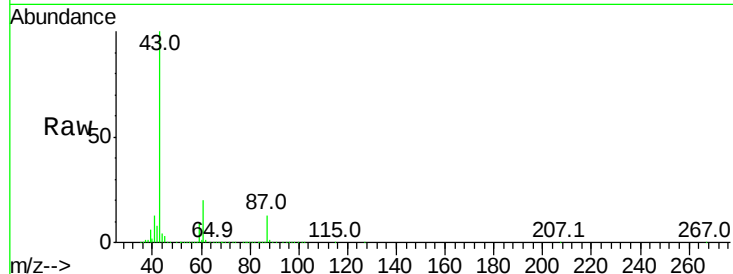


#43

Isopropyl Acetate
 Concen: 31.364 ug/l
 RT: 6.43 min Scan# 866
 Delta R.T. 0.00 min
 Lab File: VX011871.D
 Acq: 28 Aug 2019 12:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

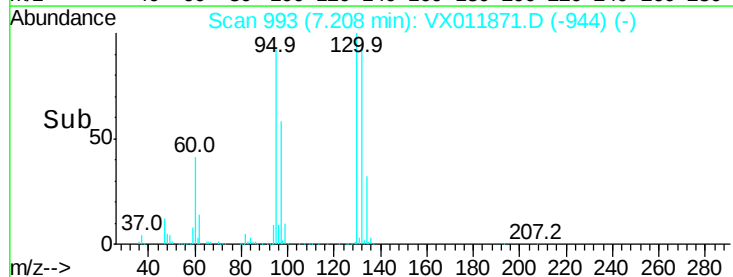
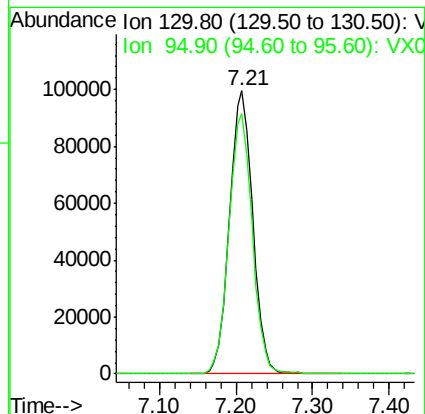
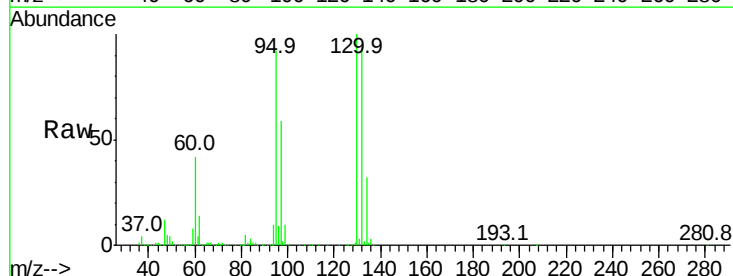
Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.5	15.6	23.4
87	13.2	10.6	15.8

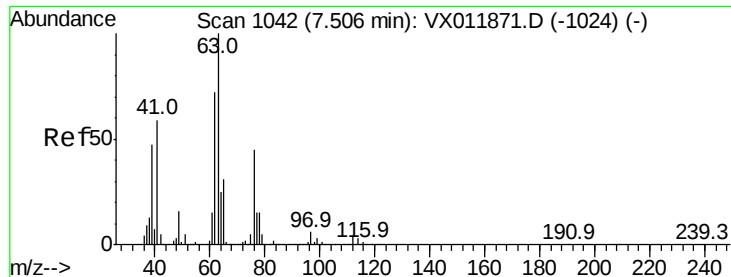


#44

Trichloroethene
 Concen: 54.730 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. 0.00 min
 Lab File: VX011871.D
 Acq: 28 Aug 2019 12:01

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.0	0.0	184.0





#45

1,2-Dichloropropane

Concen: 46.793 ug/l

RT: 7.51 min Scan# 1042

Delta R.T. 0.00 min

Lab File: VX011871.D

Acq: 28 Aug 2019 12:01

Instrument :

MSVOA_X

ClientSampleId :

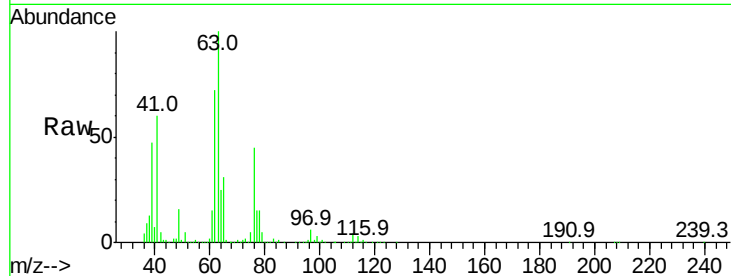
VSTDICCC050

Tgt Ion: 63 Resp: 154223

Ion Ratio Lower Upper

63 100

65 30.6 24.5 36.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

80000

60000

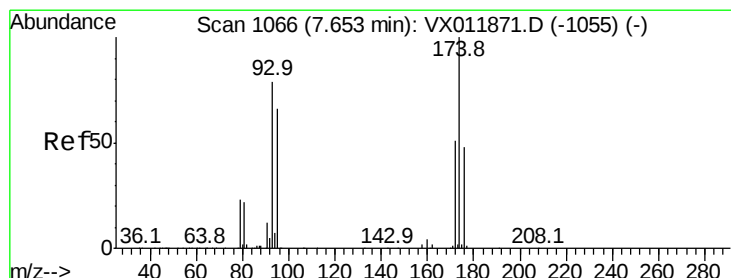
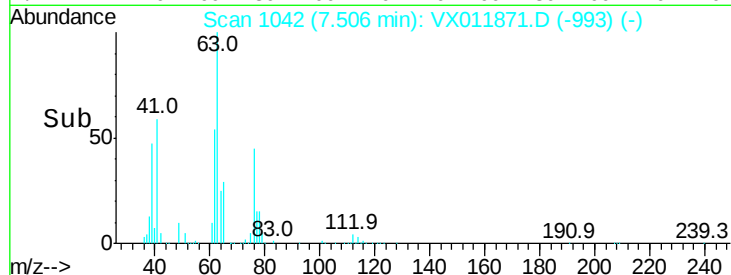
40000

20000

0

7.40 7.50 7.60

Time-->



#46

Dibromomethane

Concen: 48.224 ug/l

RT: 7.65 min Scan# 1066

Delta R.T. 0.00 min

Lab File: VX011871.D

Acq: 28 Aug 2019 12:01

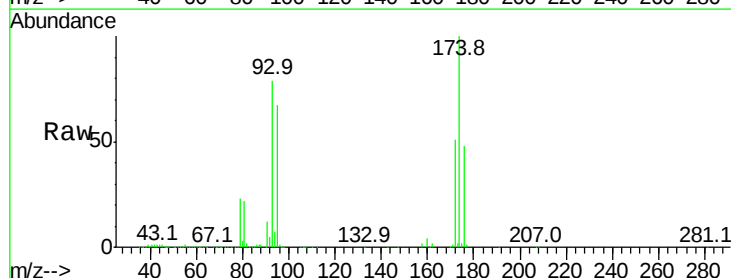
Tgt Ion: 93 Resp: 91591

Ion Ratio Lower Upper

93 100

95 82.3 65.8 98.8

174 125.3 100.2 150.4



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

80000

60000

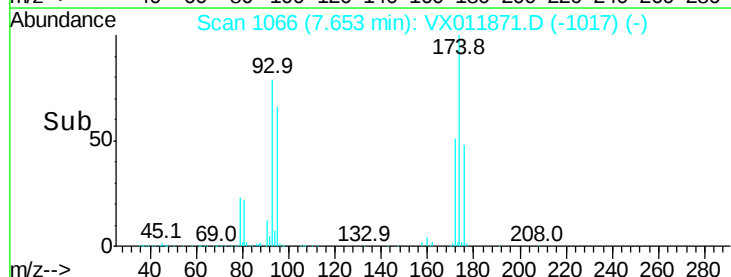
40000

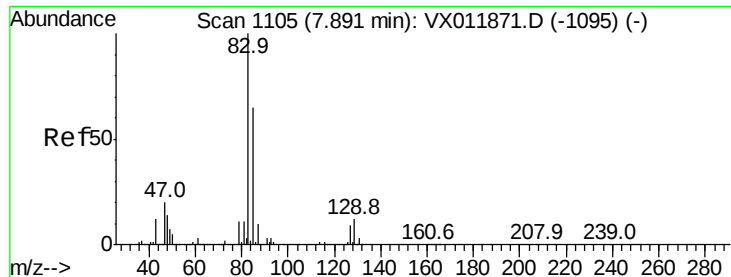
20000

0

7.50 7.60 7.70 7.80

Time-->





#47

Bromodichloromethane

Concen: 57.180 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. 0.00 min

Lab File: VX011871.D

Acq: 28 Aug 2019 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

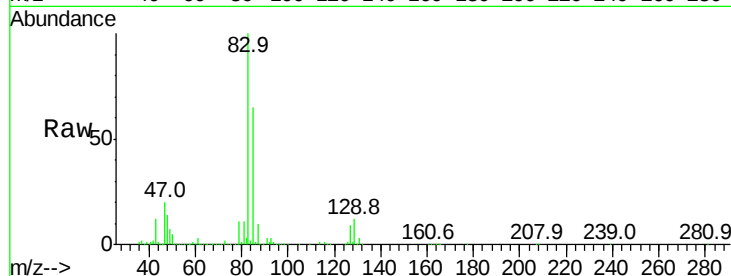
Tgt Ion: 83 Resp: 216421

Ion Ratio Lower Upper

83 100

85 64.8 51.8 77.8

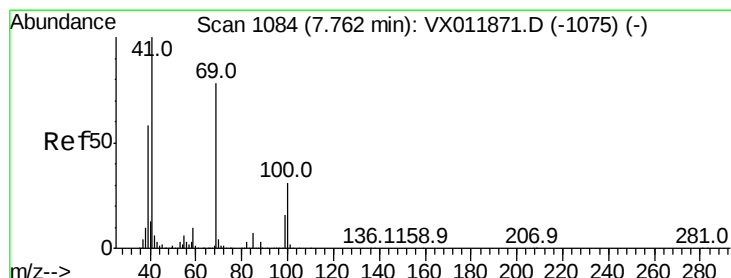
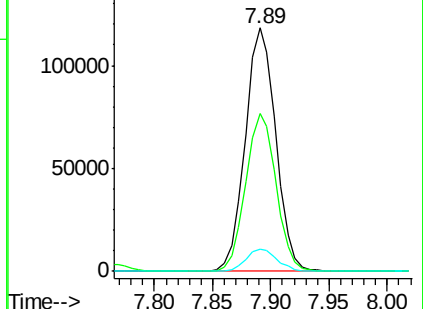
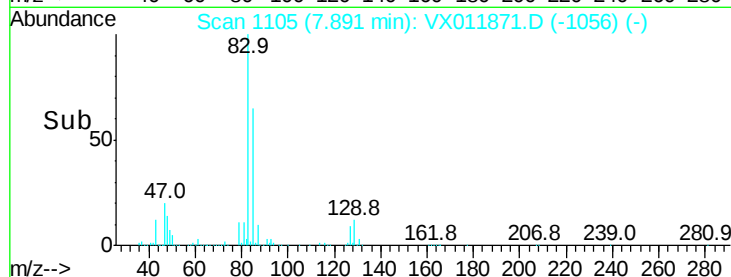
127 9.3 7.4 11.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 31.649 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. 0.00 min

Lab File: VX011871.D

Acq: 28 Aug 2019 12:01

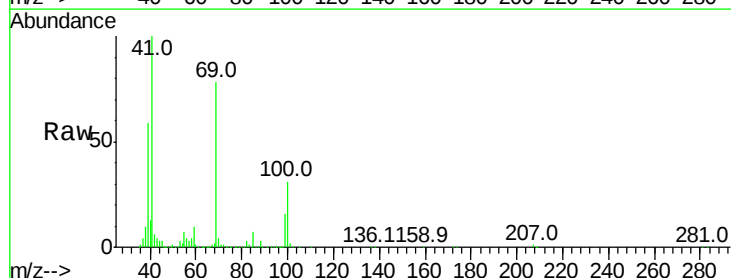
Tgt Ion: 41 Resp: 90870

Ion Ratio Lower Upper

41 100

69 78.7 63.0 94.4

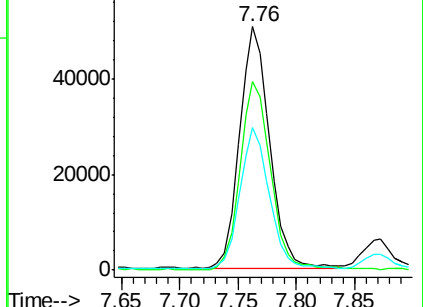
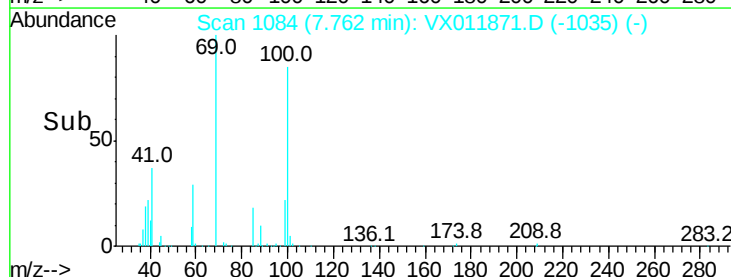
39 57.6 46.1 69.1

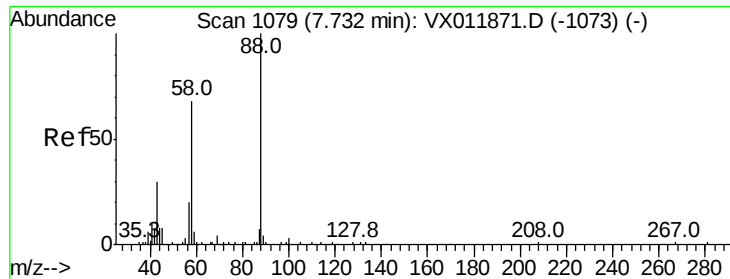


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

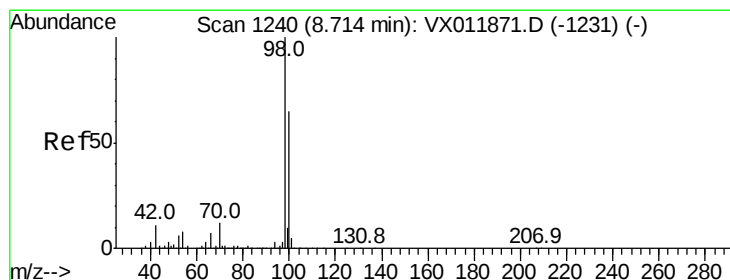
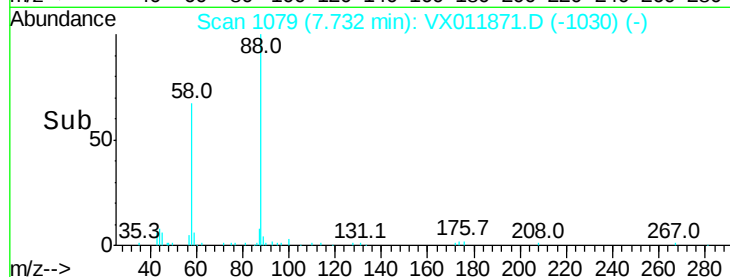
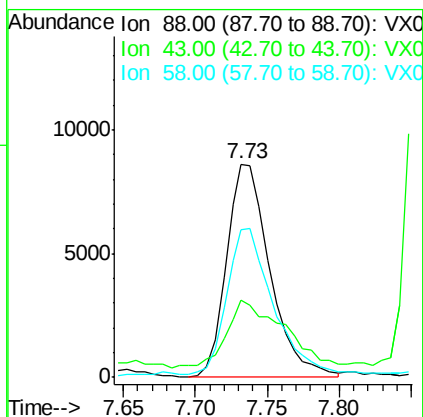
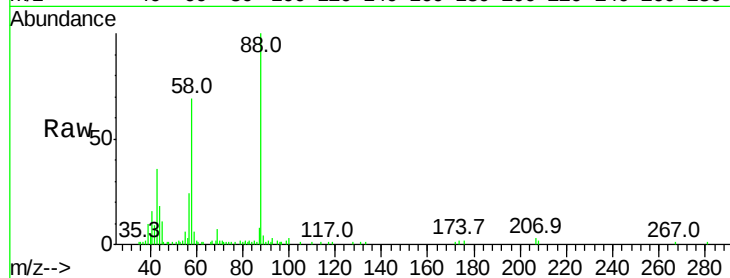




#49
1,4-Dioxane
Concen: 313.546 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. 0.00 min
Lab File: VX011871.D
Acq: 28 Aug 2019 12:01

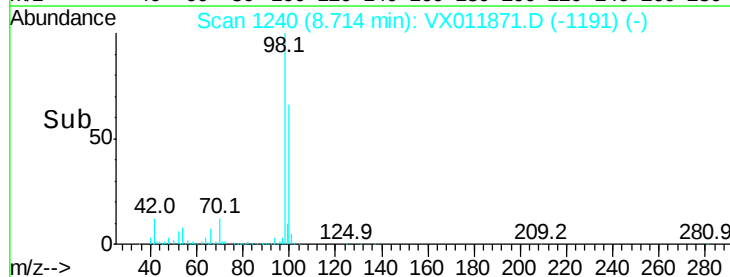
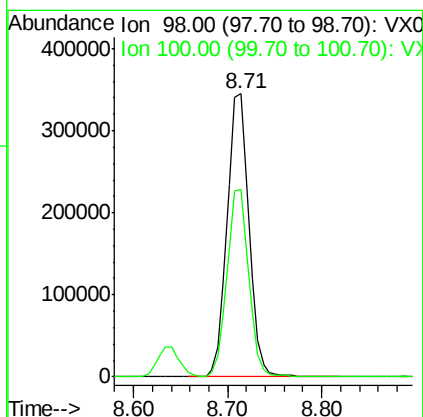
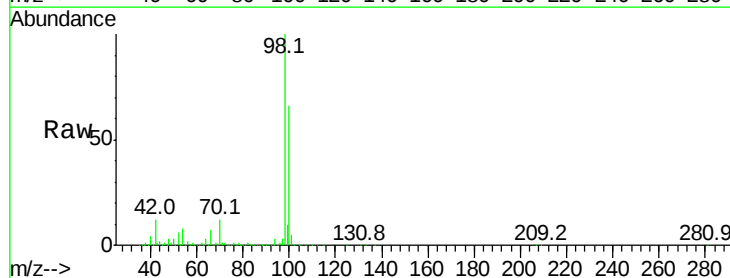
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

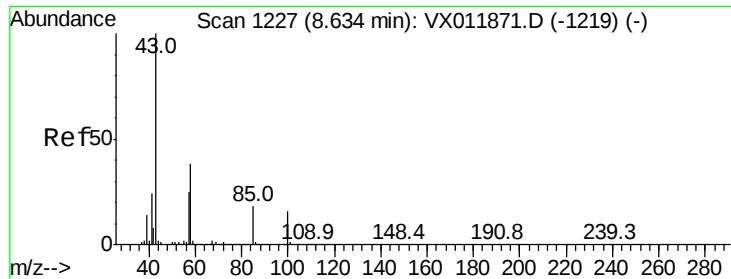
Tgt Ion	Ratio	Lower	Upper
88	100		
43	41.5	33.2	49.8
58	72.8	58.2	87.4



#50
Toluene-d8
Concen: 45.450 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011871.D
Acq: 28 Aug 2019 12:01

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.9	79.3

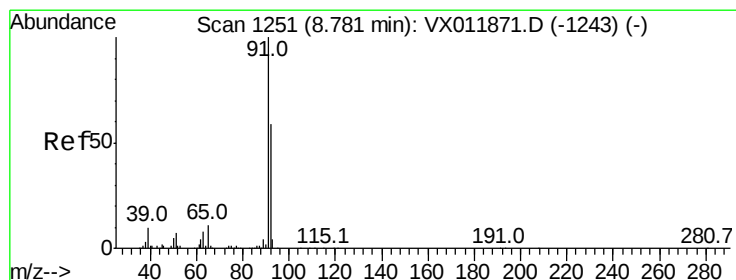
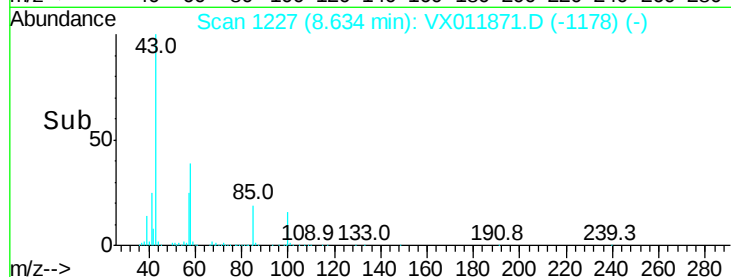
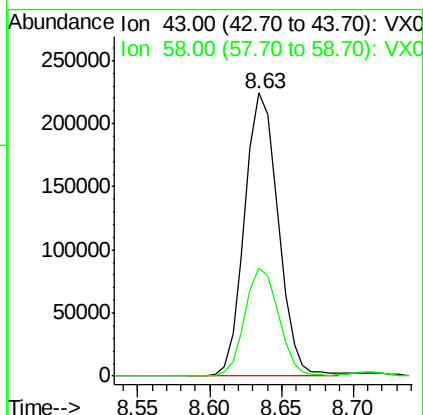
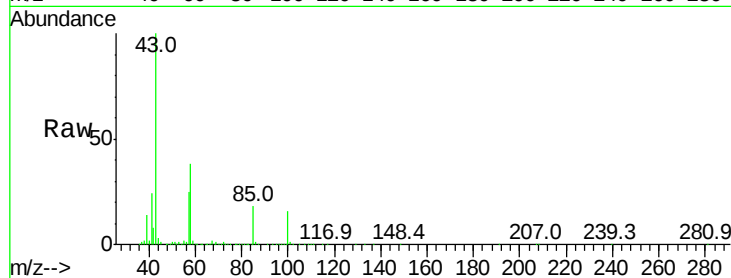




#51
 4-Methyl-2-Pentanone
 Concen: 102.574 ug/l
 RT: 8.63 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VX011871.D
 Acq: 28 Aug 2019 12:01

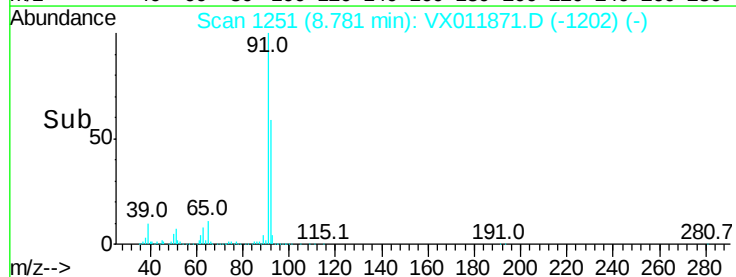
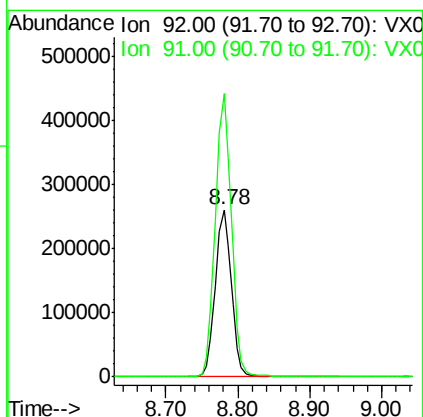
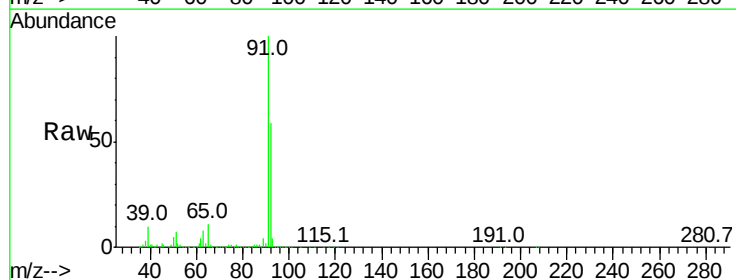
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

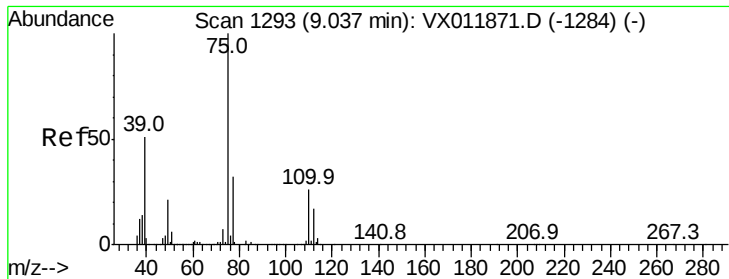
Tgt Ion: 43 Resp: 360833
 Ion Ratio Lower Upper
 43 100
 58 38.5 30.8 46.2



#52
 Toluene
 Concen: 48.145 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: VX011871.D
 Acq: 28 Aug 2019 12:01

Tgt Ion: 92 Resp: 402498
 Ion Ratio Lower Upper
 92 100
 91 170.2 136.2 204.2





#53

t-1,3-Dichloropropene

Concen: 43.094 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX011871.D

Acq: 28 Aug 2019 12:01

Instrument :

MSVOA_X

ClientSampled :

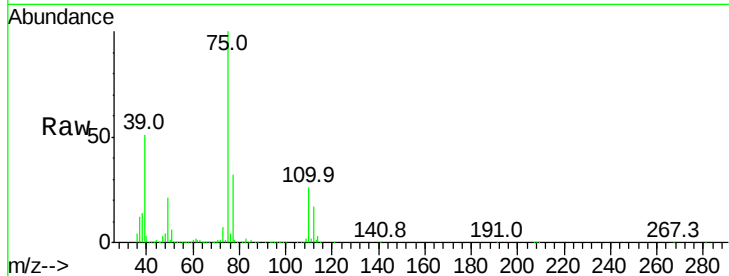
VSTDICCC050

Tgt Ion: 75 Resp: 186289

Ion Ratio Lower Upper

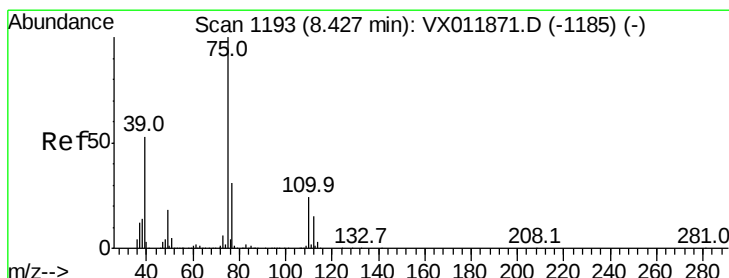
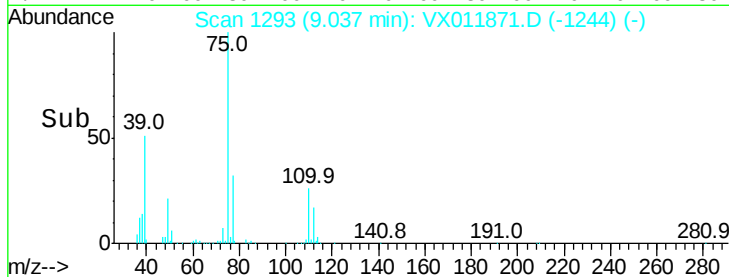
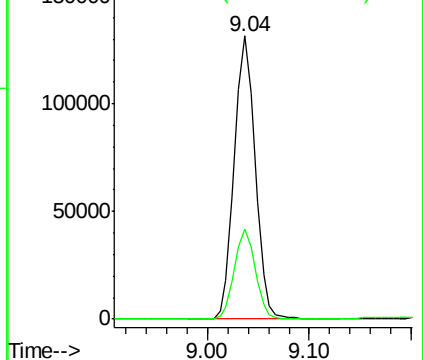
75 100

77 31.7 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 48.776 ug/l

RT: 8.43 min Scan# 1193

Delta R.T. 0.00 min

Lab File: VX011871.D

Acq: 28 Aug 2019 12:01

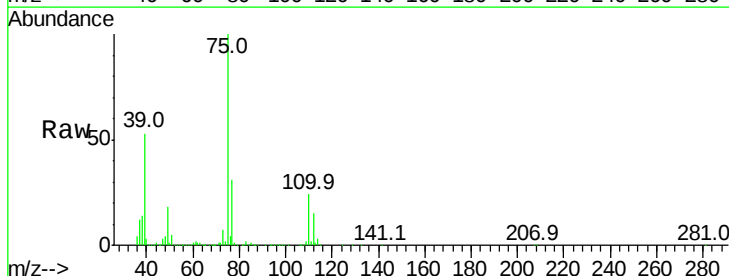
Tgt Ion: 75 Resp: 235023

Ion Ratio Lower Upper

75 100

77 31.1 24.9 37.3

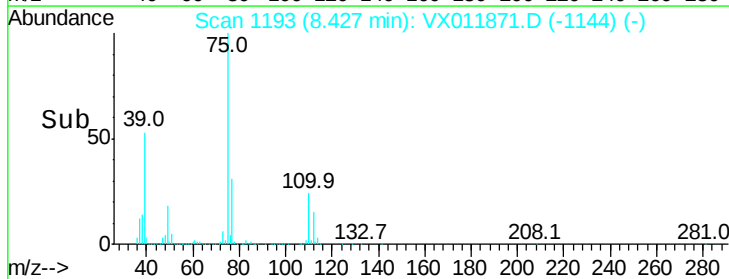
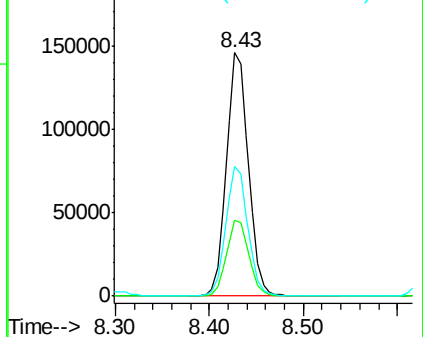
39 52.8 42.2 63.4

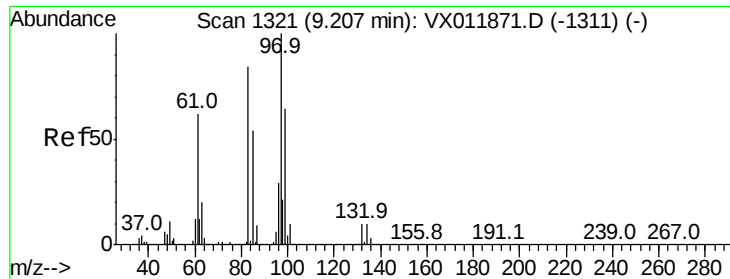


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 42.211 ug/l

RT: 9.21 min Scan# 1321

Delta R.T. 0.00 min

Lab File: VX011871.D

Acq: 28 Aug 2019 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 97 Resp: 121451

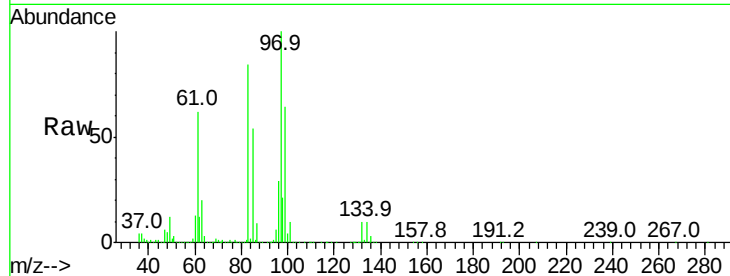
Ion Ratio Lower Upper

97 100

83 84.5 67.6 101.4

85 53.6 42.9 64.3

99 63.9 51.1 76.7

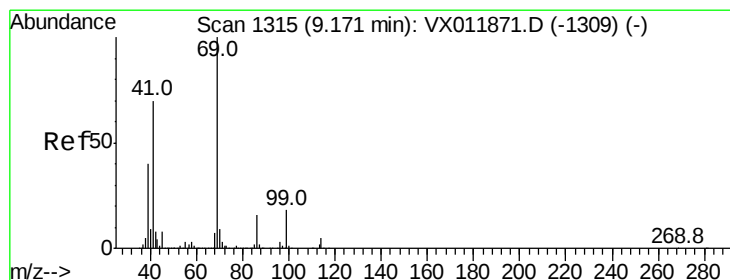
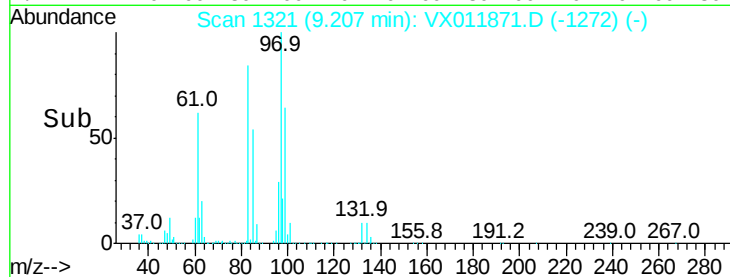
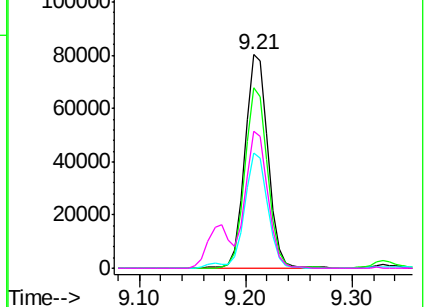


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 30.187 ug/l

RT: 9.17 min Scan# 1315

Delta R.T. 0.00 min

Lab File: VX011871.D

Acq: 28 Aug 2019 12:01

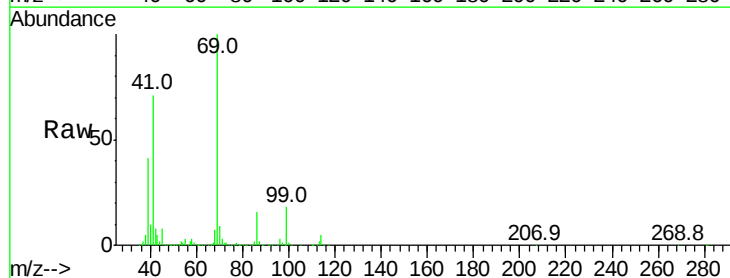
Tgt Ion: 69 Resp: 119307

Ion Ratio Lower Upper

69 100

41 69.9 55.9 83.9

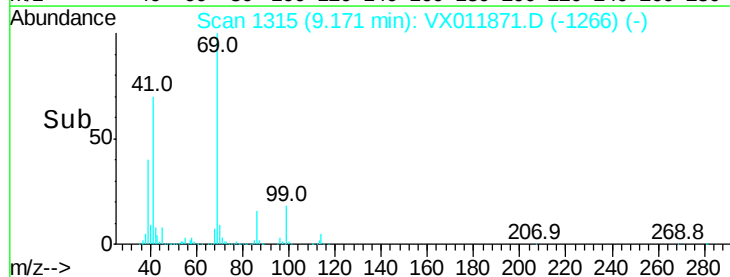
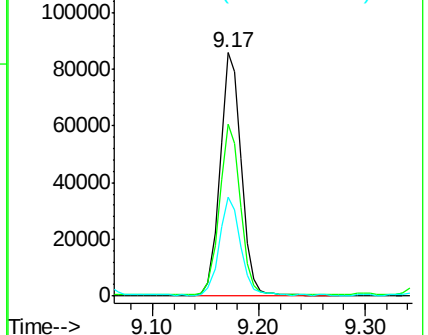
39 39.9 31.9 47.9

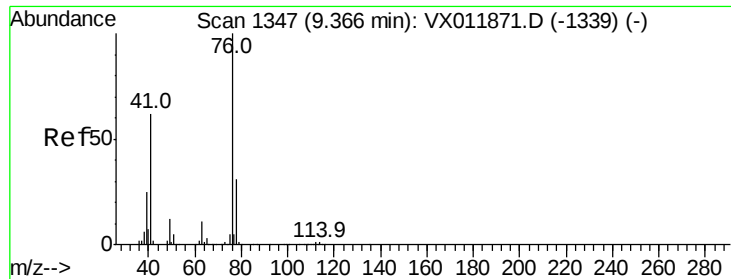


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 41.805 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. 0.00 min

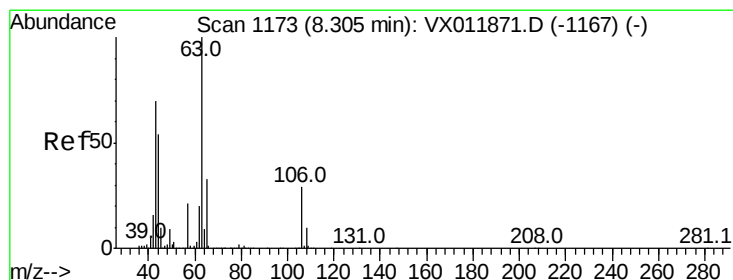
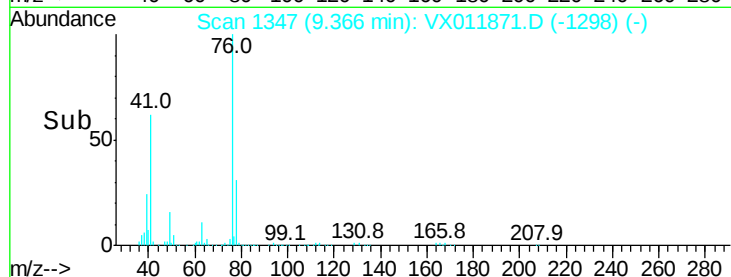
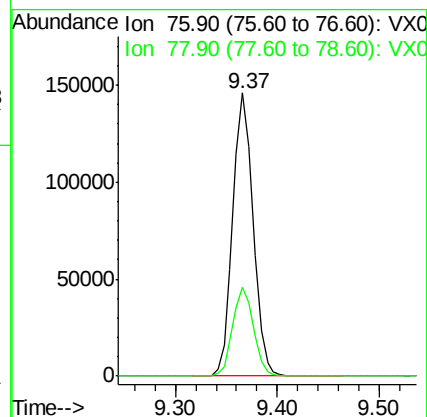
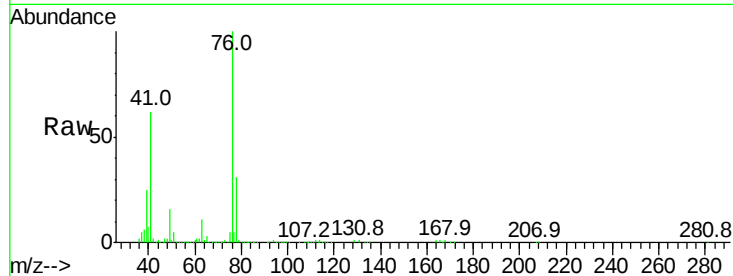
Lab File: VX011871.D

Acq: 28 Aug 2019 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 76 Resp: 201915

Ion	Ratio	Lower	Upper
76	100		
78	31.7	25.4	38.0



#58

2-Chloroethyl Vinyl ether

Concen: 86.342 ug/l

RT: 8.31 min Scan# 1173

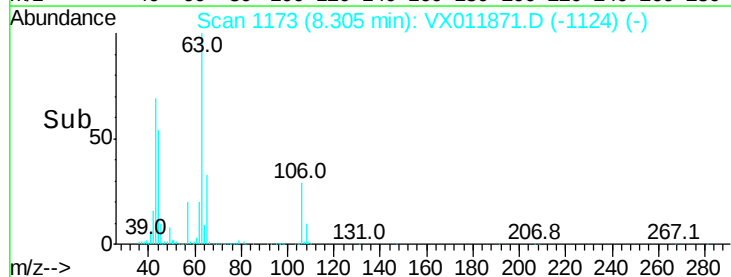
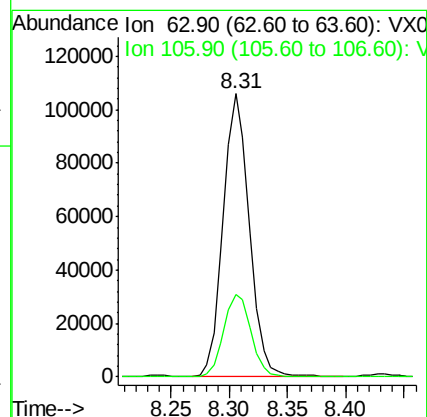
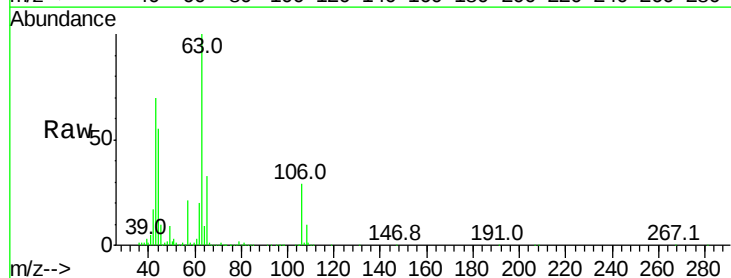
Delta R.T. 0.00 min

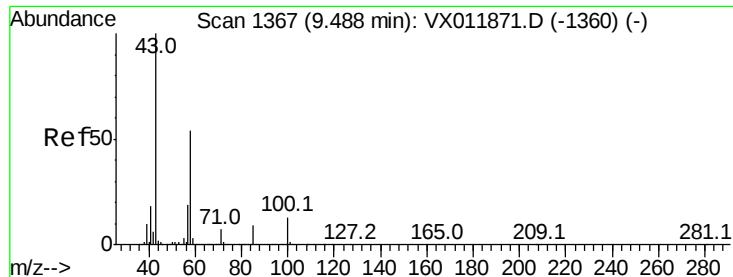
Lab File: VX011871.D

Acq: 28 Aug 2019 12:01

Tgt Ion: 63 Resp: 163249

Ion	Ratio	Lower	Upper
63	100		
106	30.7	24.6	36.8

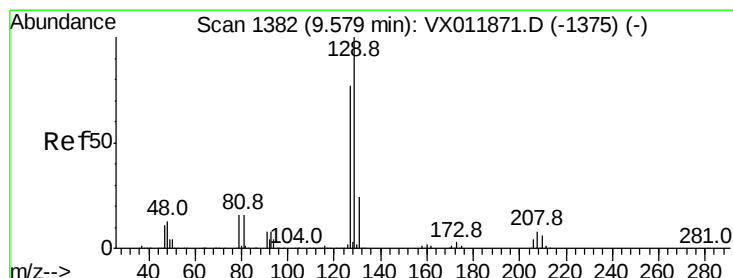
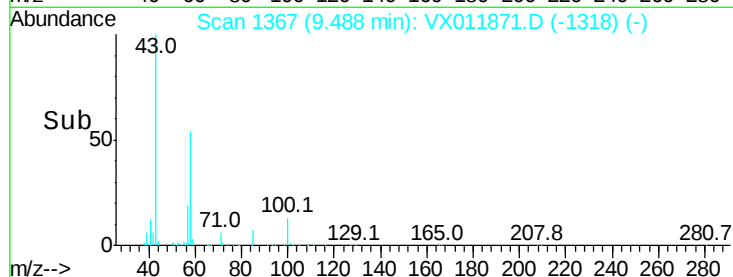
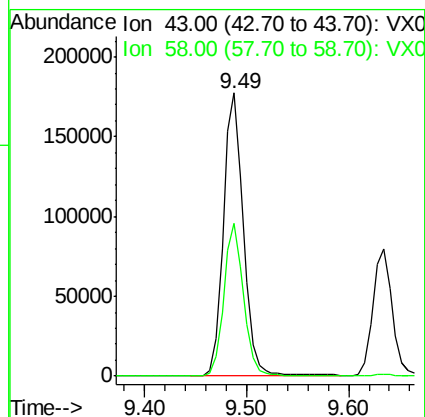
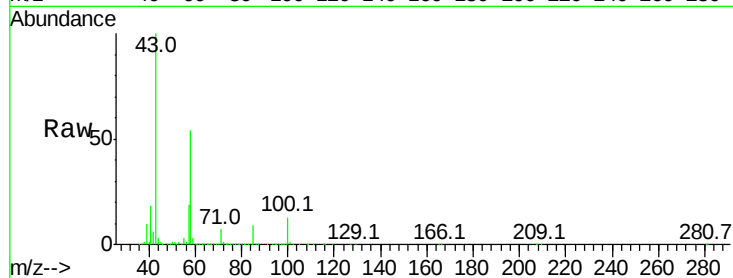




#59
2-Hexanone
Concen: 89.674 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX011871.D
Acq: 28 Aug 2019 12:01

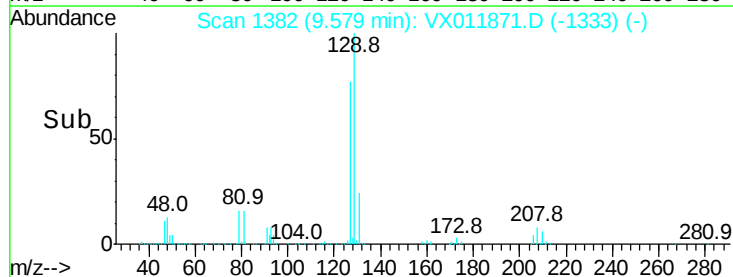
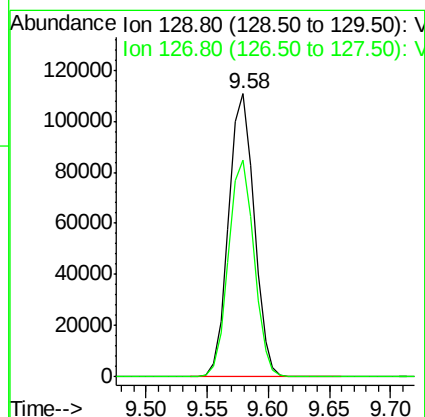
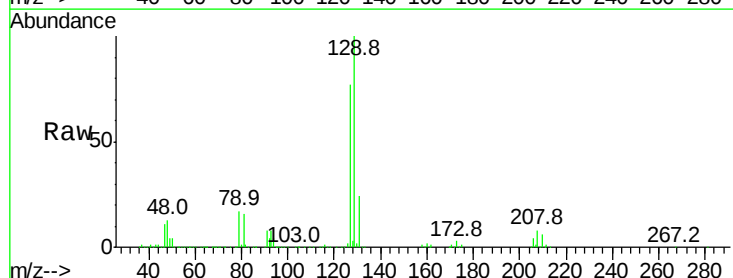
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

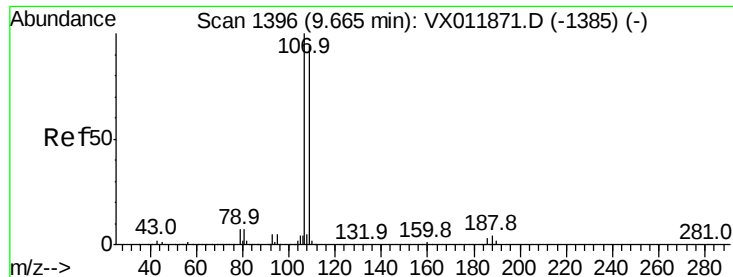
Tgt Ion: 43 Resp: 240318
Ion Ratio Lower Upper
43 100
58 53.4 26.7 80.1



#60
Dibromochloromethane
Concen: 55.397 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011871.D
Acq: 28 Aug 2019 12:01

Tgt Ion: 129 Resp: 160521
Ion Ratio Lower Upper
129 100
127 76.5 38.3 114.8





#61

1,2-Dibromoethane

Concen: 40.264 ug/l

RT: 9.66 min Scan# 1396

Delta R.T. 0.00 min

Lab File: VX011871.D

Acq: 28 Aug 2019 12:01

Instrument :

MSVOA_X

ClientSampleId :

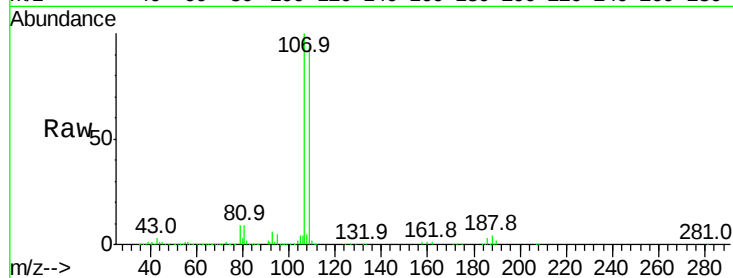
VSTDICCC050

Tgt Ion:107 Resp: 118283

Ion Ratio Lower Upper

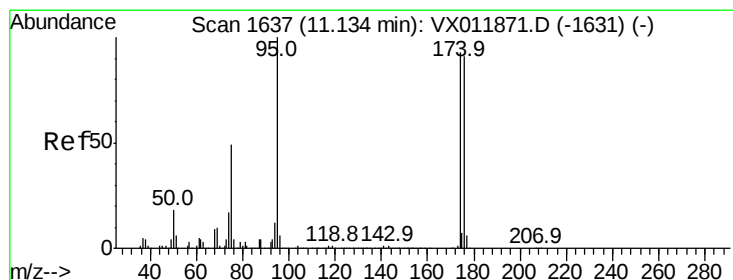
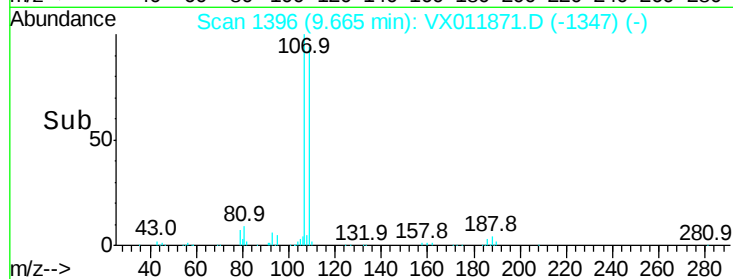
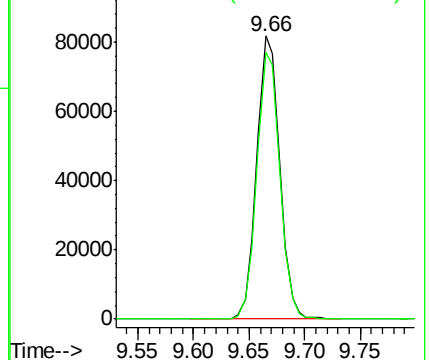
107 100

109 94.4 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 44.586 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011871.D

Acq: 28 Aug 2019 12:01

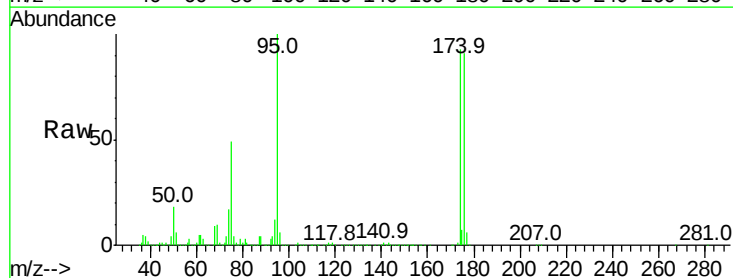
Tgt Ion: 95 Resp: 201548

Ion Ratio Lower Upper

95 100

174 94.6 0.0 189.2

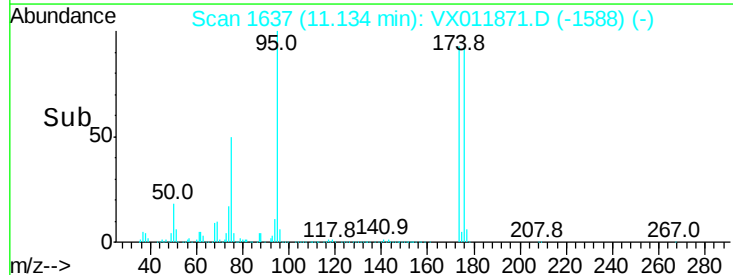
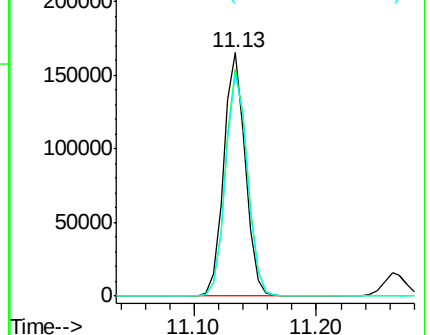
176 92.8 0.0 185.6

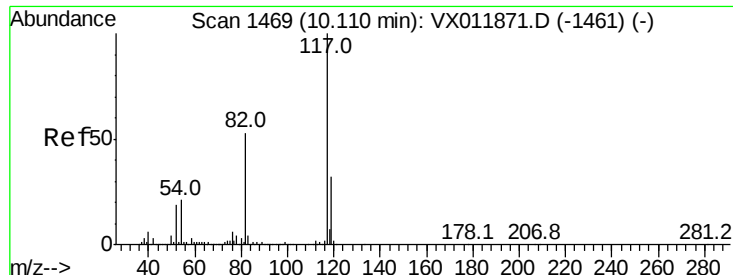


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

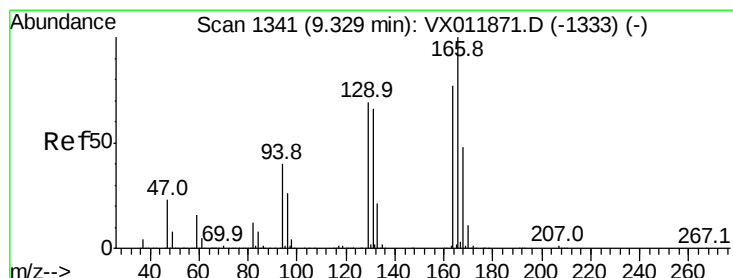
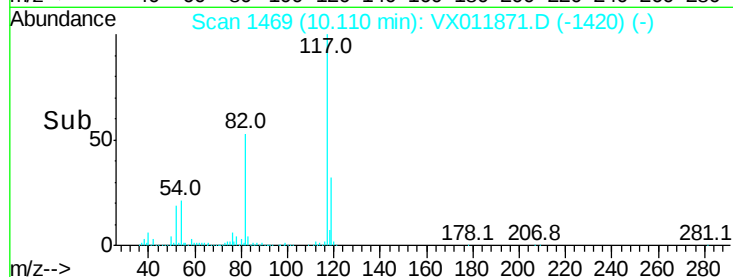
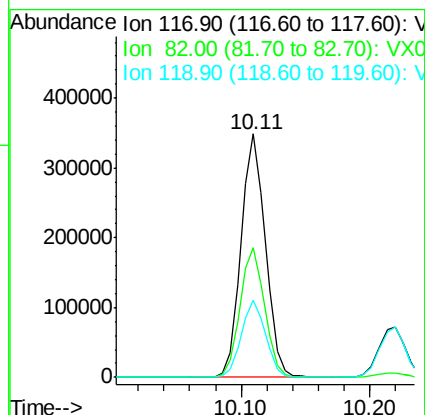
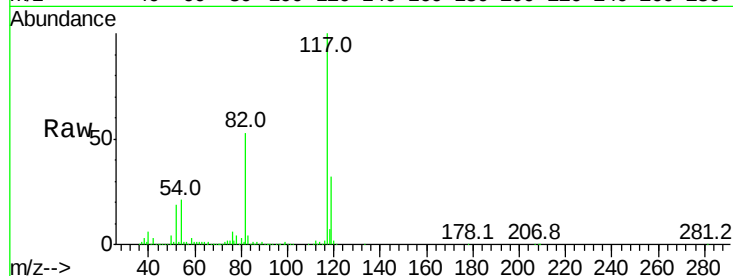




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011871.D
Acq: 28 Aug 2019 12:01

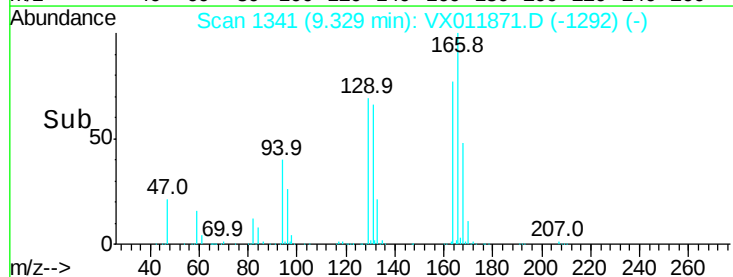
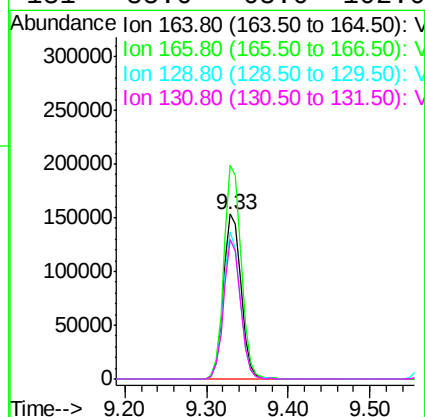
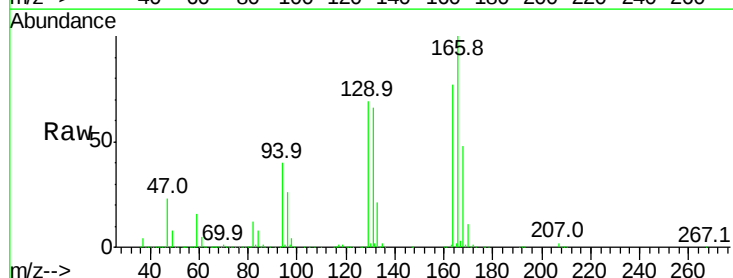
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

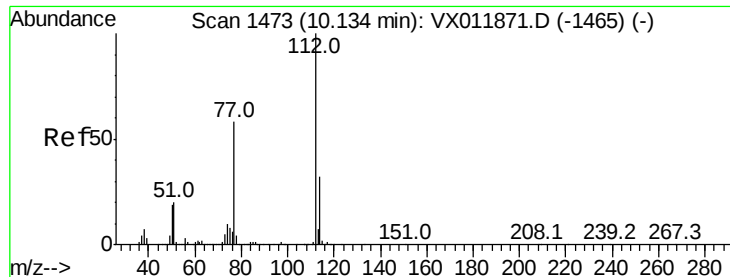
Tgt Ion:117 Resp: 456034
Ion Ratio Lower Upper
117 100
82 53.0 42.4 63.6
119 31.9 25.5 38.3



#64
Tetrachloroethene
Concen: 63.870 ug/l
RT: 9.33 min Scan# 1341
Delta R.T. 0.00 min
Lab File: VX011871.D
Acq: 28 Aug 2019 12:01

Tgt Ion:164 Resp: 228944
Ion Ratio Lower Upper
164 100
166 129.5 103.6 155.4
129 89.3 71.4 107.2
131 85.0 68.0 102.0





#65

Chlorobenzene

Concen: 45.912 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VX011871.D

Acq: 28 Aug 2019 12:01

Instrument :

MSVOA_X

ClientSampleId :

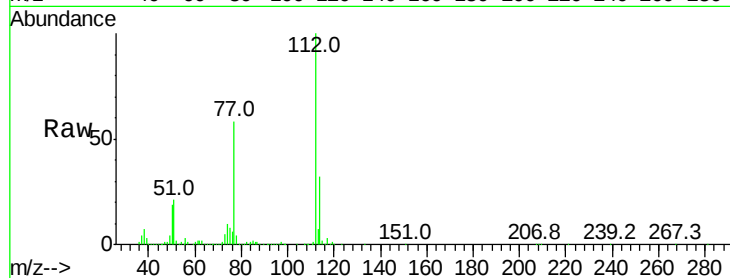
VSTDICCC050

Tgt Ion:112 Resp: 437530

Ion Ratio Lower Upper

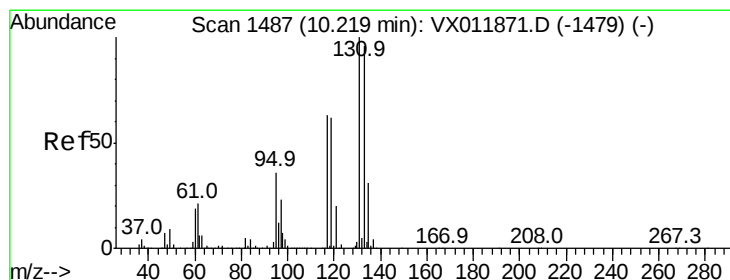
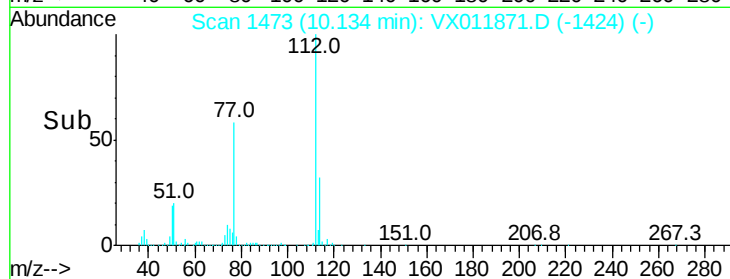
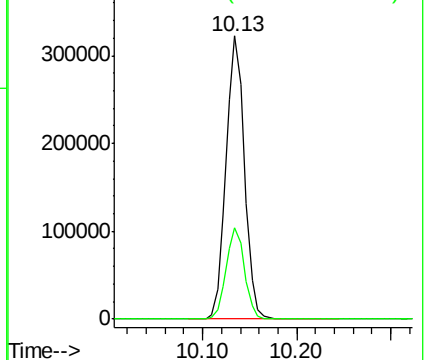
112 100

114 32.3 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 51.873 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX011871.D

Acq: 28 Aug 2019 12:01

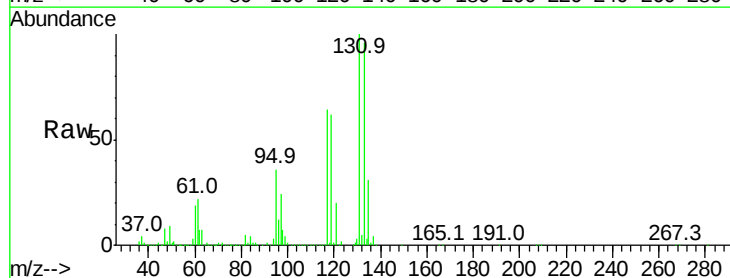
Tgt Ion:131 Resp: 161204

Ion Ratio Lower Upper

131 100

133 95.5 47.8 143.3

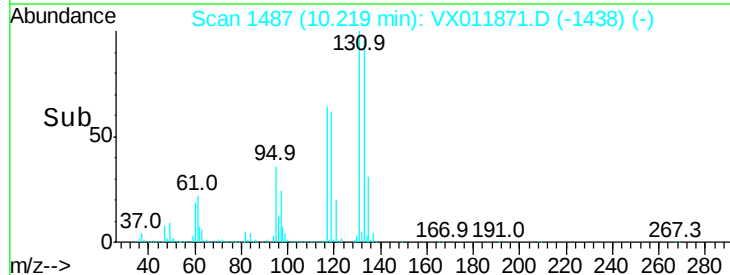
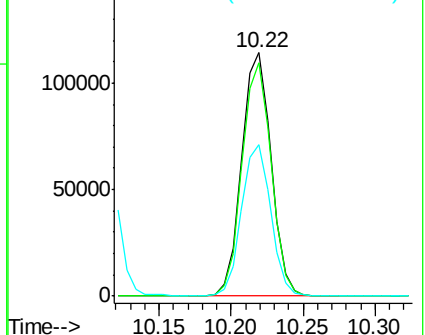
119 62.3 31.1 93.5

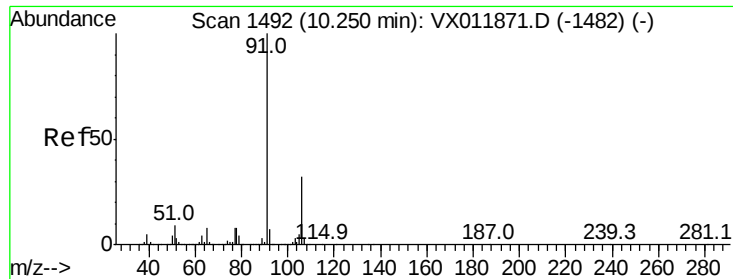


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

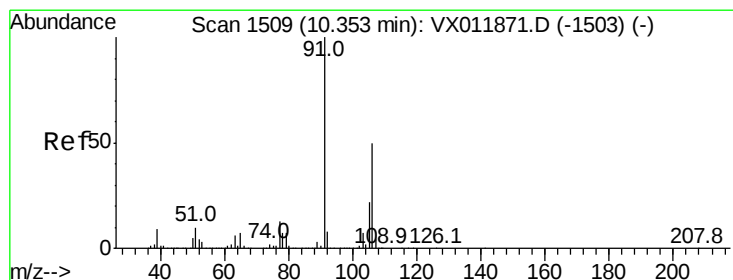
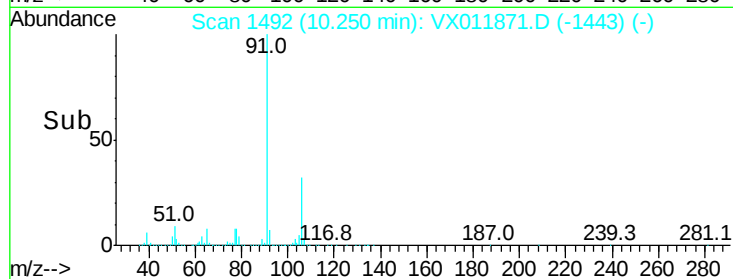
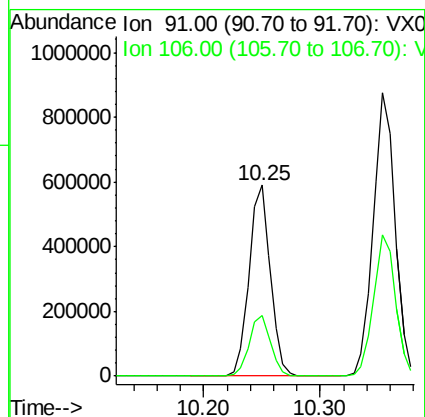
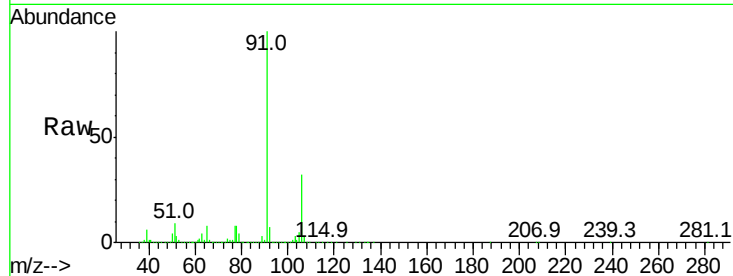




#67
 Ethyl Benzene
 Concen: 46.852 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: VX011871.D
 Acq: 28 Aug 2019 12:01

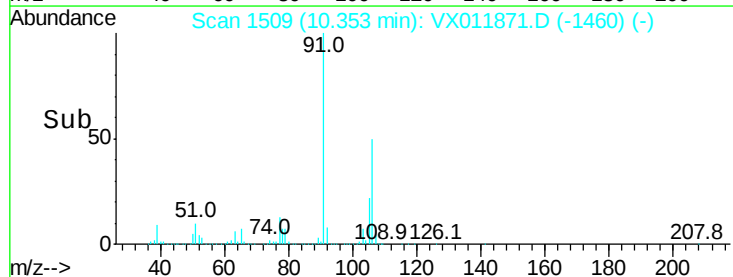
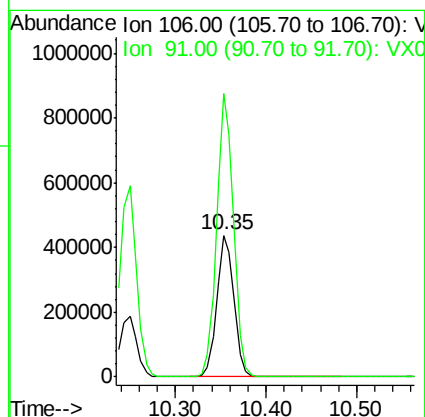
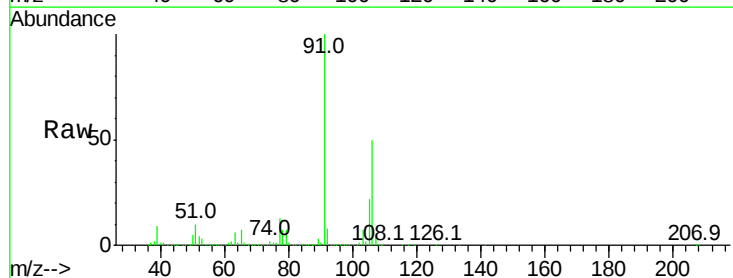
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

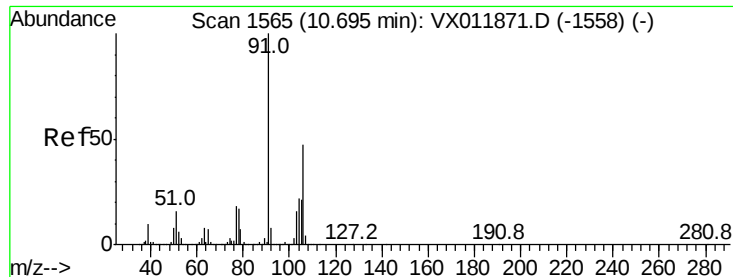
Tgt Ion: 91 Resp: 753894
 Ion Ratio Lower Upper
 91 100
 106 31.9 25.5 38.3



#68
 m/p-Xylenes
 Concen: 91.592 ug/l
 RT: 10.35 min Scan# 1509
 Delta R.T. 0.00 min
 Lab File: VX011871.D
 Acq: 28 Aug 2019 12:01

Tgt Ion: 106 Resp: 576535
 Ion Ratio Lower Upper
 106 100
 91 198.6 158.9 238.3

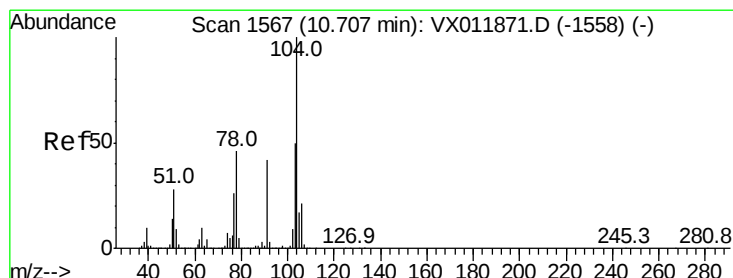
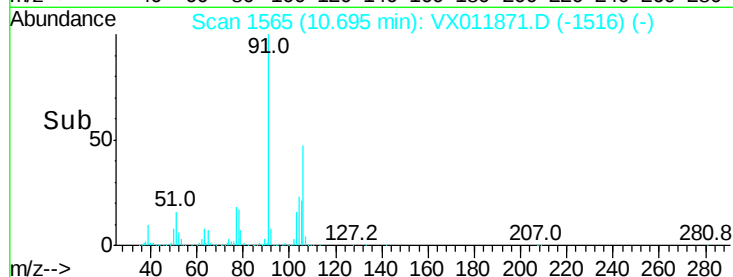
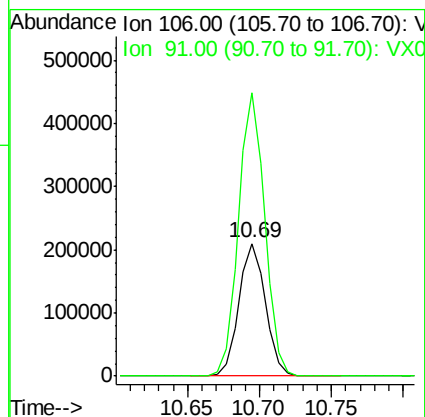
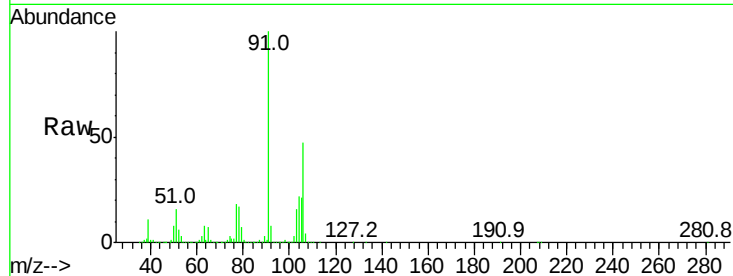




#69
o-Xylene
Concen: 46.059 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011871.D
Acq: 28 Aug 2019 12:01

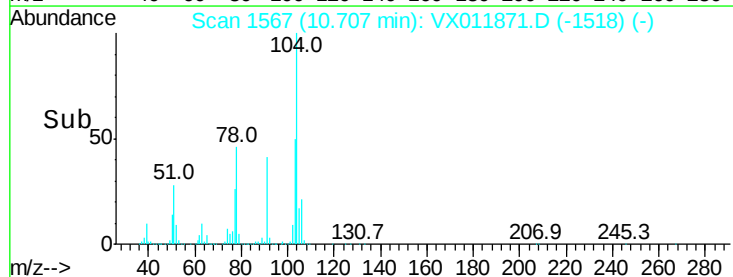
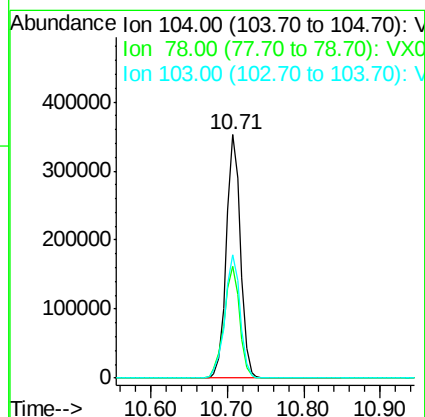
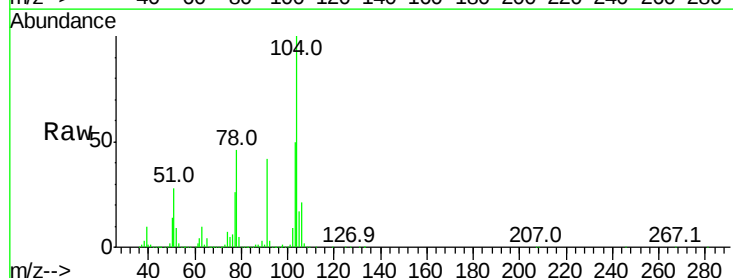
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

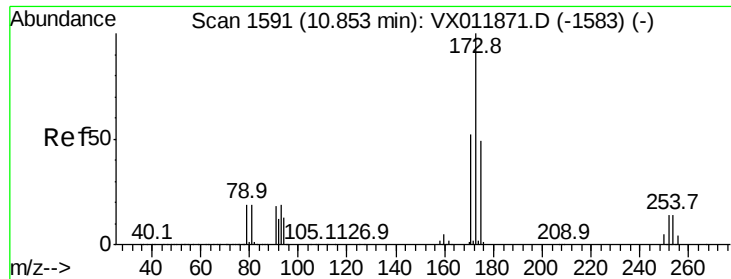
Tgt Ion:106 Resp: 269206
Ion Ratio Lower Upper
106 100
91 211.2 105.6 316.8



#70
Styrene
Concen: 45.677 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX011871.D
Acq: 28 Aug 2019 12:01

Tgt Ion:104 Resp: 449145
Ion Ratio Lower Upper
104 100
78 50.5 40.4 60.6
103 54.4 43.5 65.3

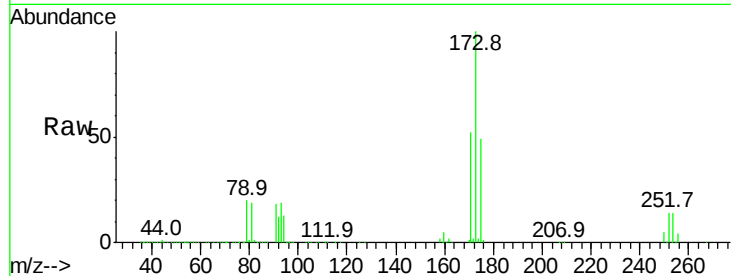




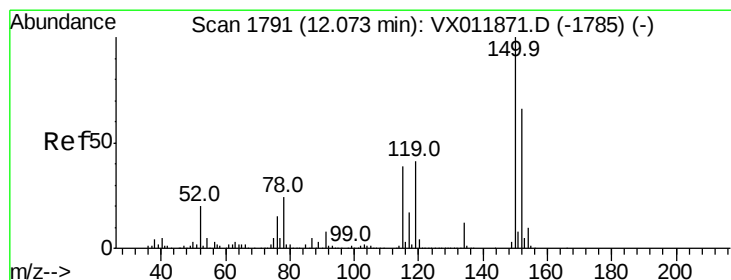
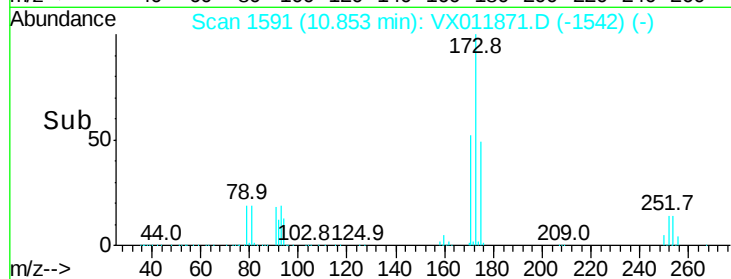
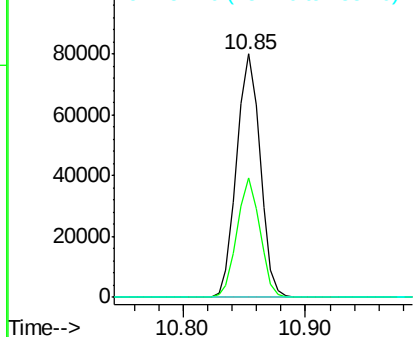
#71
Bromoform
Concen: 49.919 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX011871.D
Acq: 28 Aug 2019 12:01

Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

Tgt Ion:173 Resp: 106664
Ion Ratio Lower Upper
173 100
175 47.5 23.8 71.2
254 0.2 0.2 0.2

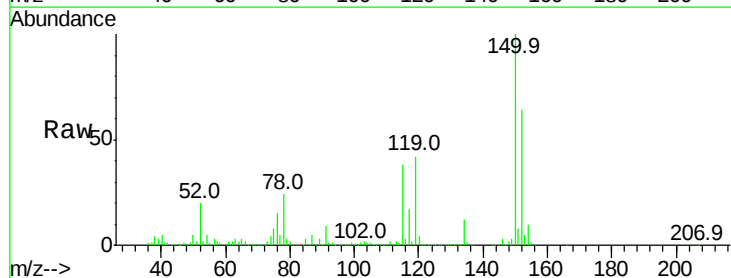


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

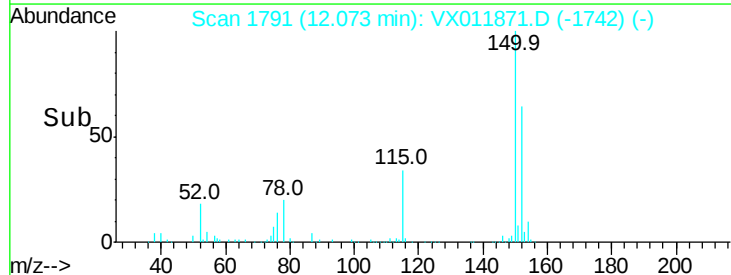
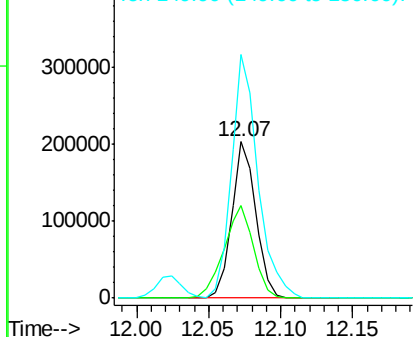


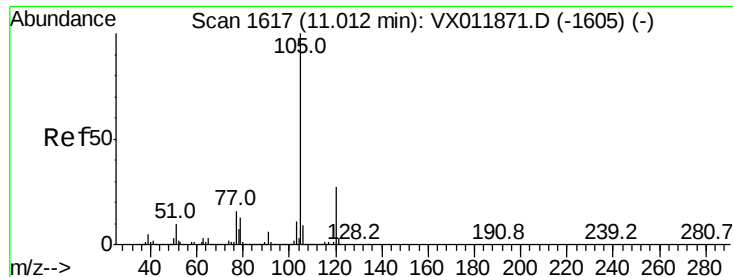
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX011871.D
Acq: 28 Aug 2019 12:01

Tgt Ion:152 Resp: 238325
Ion Ratio Lower Upper
152 100
115 72.1 36.0 108.1
150 170.7 0.0 341.4



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





#73

Isopropylbenzene

Concen: 47.442 ug/l

RT: 11.01 min Scan# 1617

Delta R.T. 0.00 min

Lab File: VX011871.D

Acq: 28 Aug 2019 12:01

Instrument :

MSVOA_X

ClientSampleId :

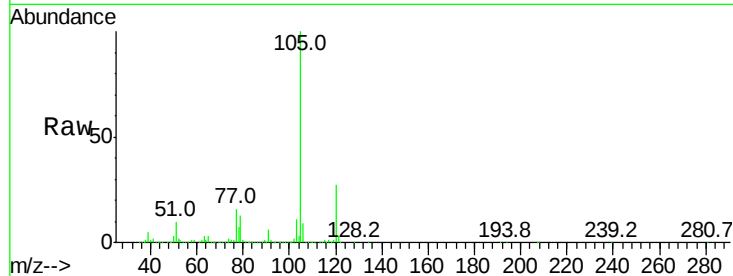
VSTDICCC050

Tgt Ion: 105 Resp: 707831

Ion Ratio Lower Upper

105 100

120 27.5 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

500000

400000

300000

200000

100000

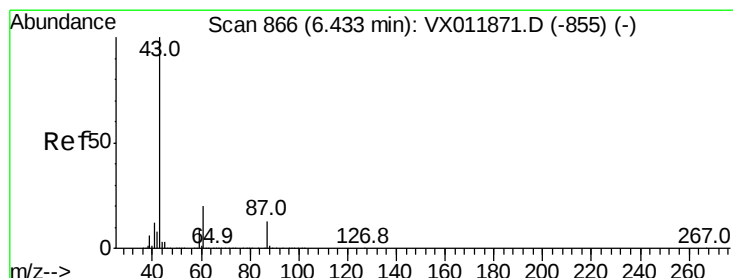
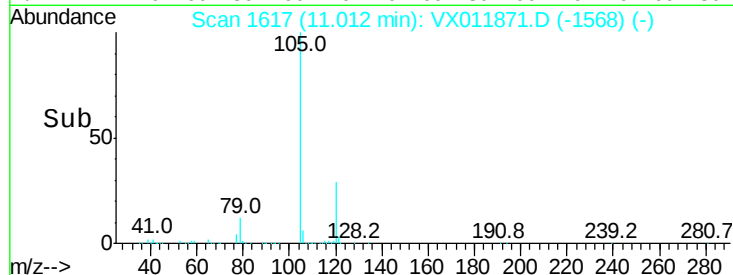
0

11.01

10.90

11.10

Time-->



#74

N-ethyl acetate

Concen: 33.948 ug/l

RT: 6.43 min Scan# 866

Delta R.T. 0.00 min

Lab File: VX011871.D

Acq: 28 Aug 2019 12:01

Tgt Ion: 43 Resp: 179530

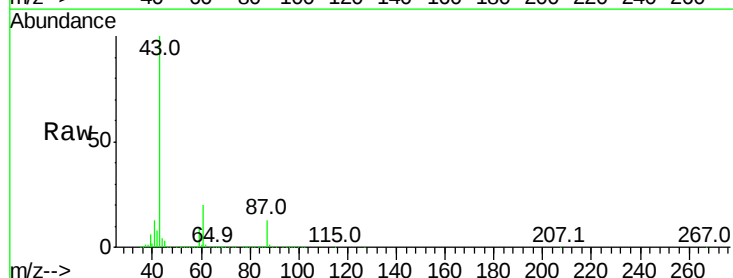
Ion Ratio Lower Upper

43 100

70 0.1 0.1 0.1#

55 0.1 0.1 0.1#

61 19.5 15.6 23.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

100000

80000

60000

40000

20000

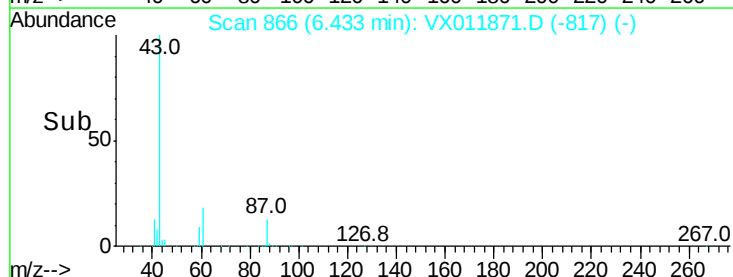
0

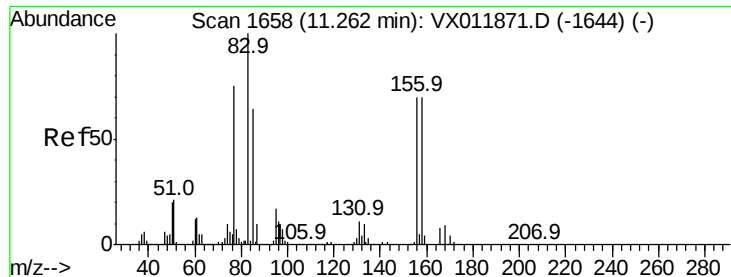
6.43

6.30

6.60

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 30.662 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. 0.00 min

Lab File: VX011871.D

Acq: 28 Aug 2019 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

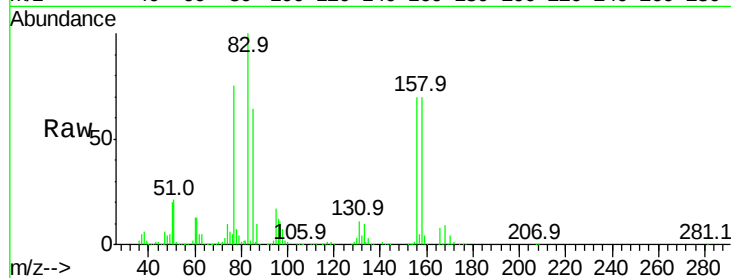
Tgt Ion: 83 Resp: 118934

Ion Ratio Lower Upper

83 100

131 12.1 6.0 18.1

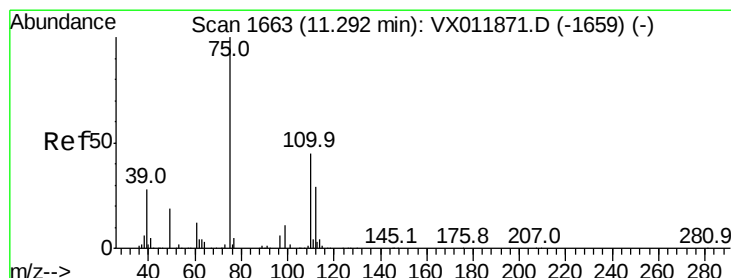
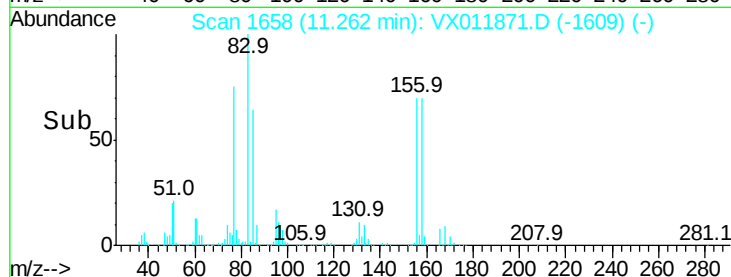
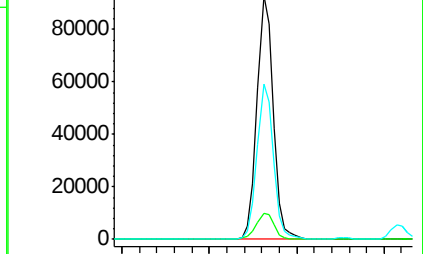
85 63.9 31.9 95.9



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: 33.615 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX011871.D

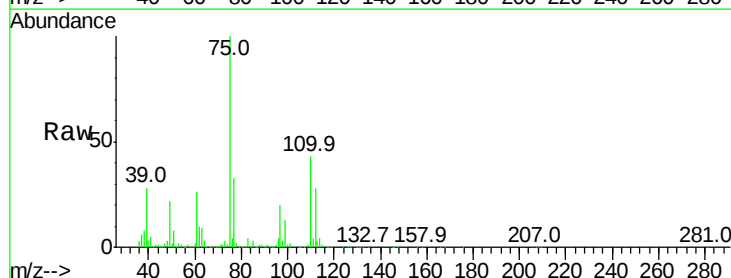
Acq: 28 Aug 2019 12:01

Tgt Ion: 75 Resp: 110425

Ion Ratio Lower Upper

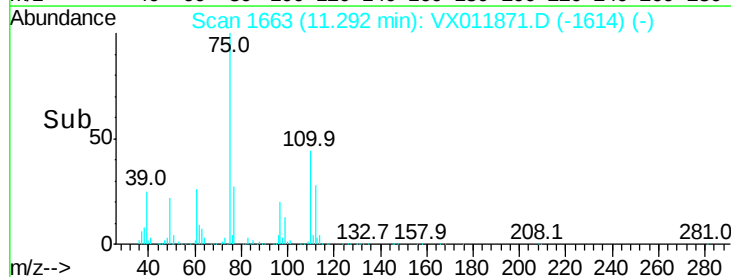
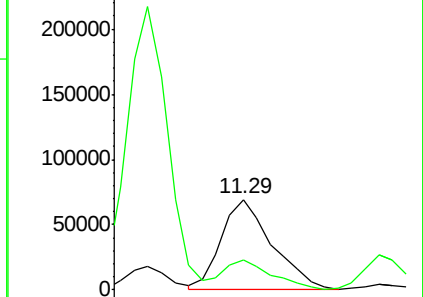
75 100

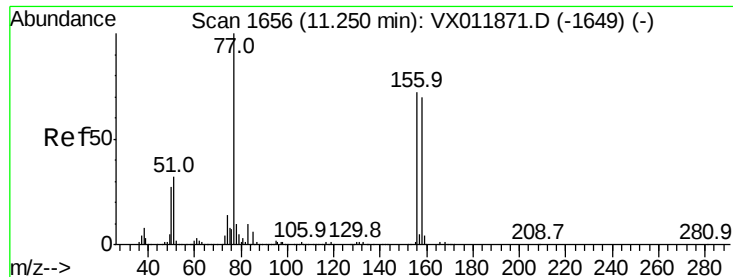
77 32.6 19.5 58.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 51.119 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. 0.00 min

Lab File: VX011871.D

Acq: 28 Aug 2019 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

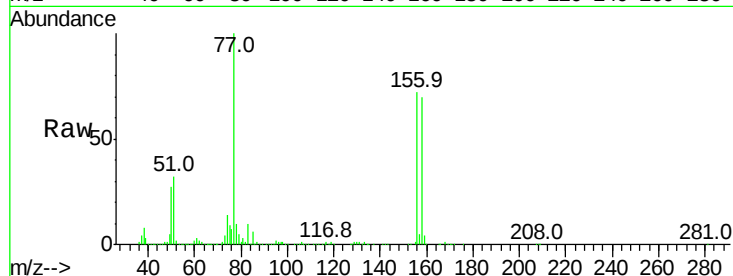
Tgt Ion:156 Resp: 198841

Ion Ratio Lower Upper

156 100

77 138.8 69.4 208.2

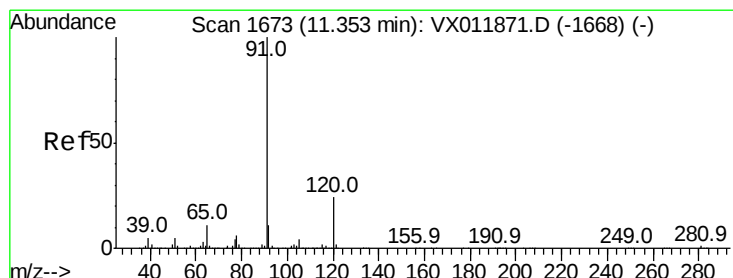
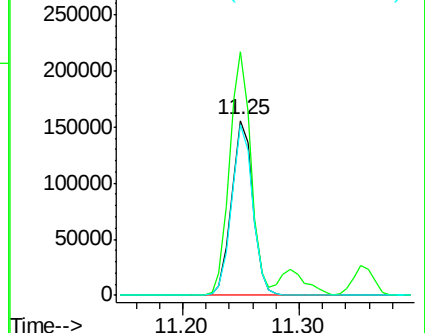
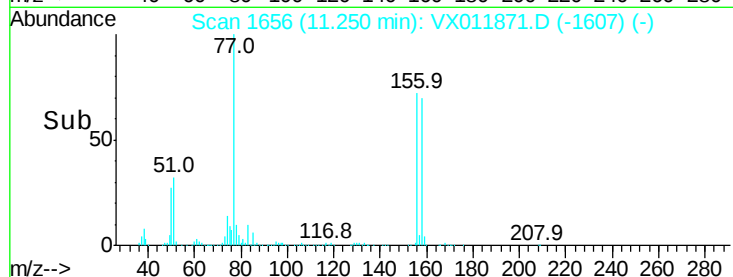
158 96.4 48.2 144.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 43.234 ug/l

RT: 11.35 min Scan# 1673

Delta R.T. 0.00 min

Lab File: VX011871.D

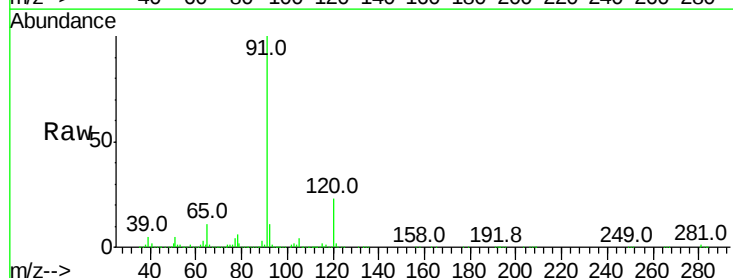
Acq: 28 Aug 2019 12:01

Tgt Ion: 91 Resp: 781469

Ion Ratio Lower Upper

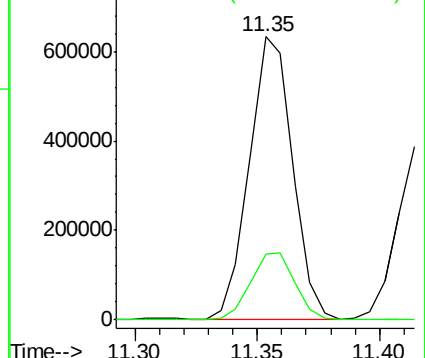
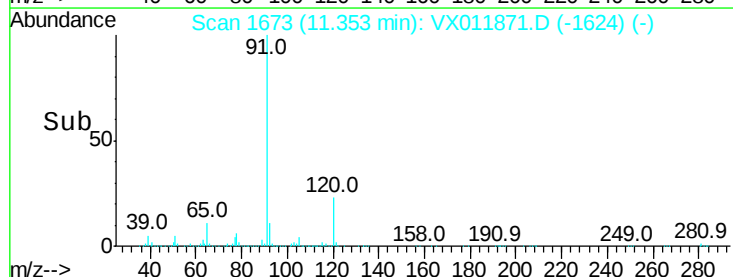
91 100

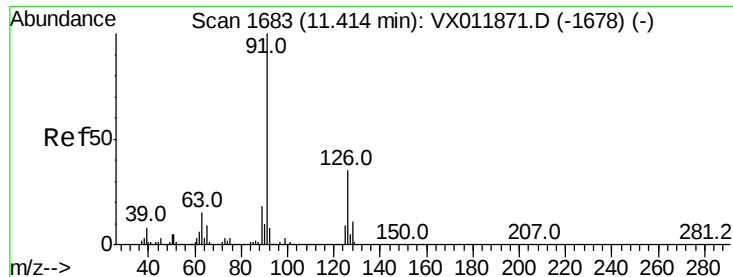
120 24.4 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.790 ug/l

RT: 11.41 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VX011871.D

Acq: 28 Aug 2019 12:01

Instrument :

MSVOA_X

ClientSampleId :

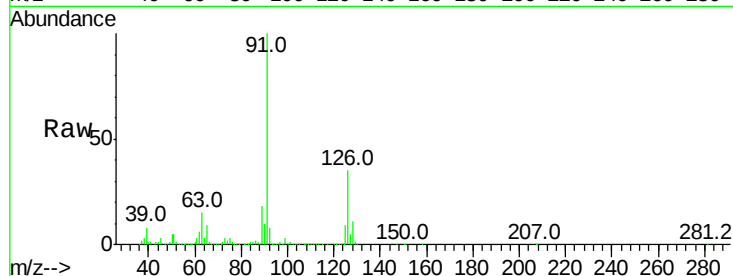
VSTDICCC050

Tgt Ion: 91 Resp: 490419

Ion Ratio Lower Upper

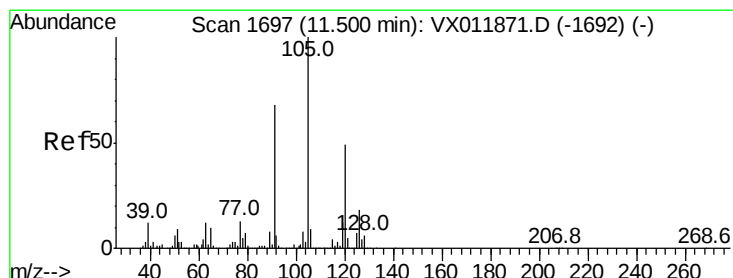
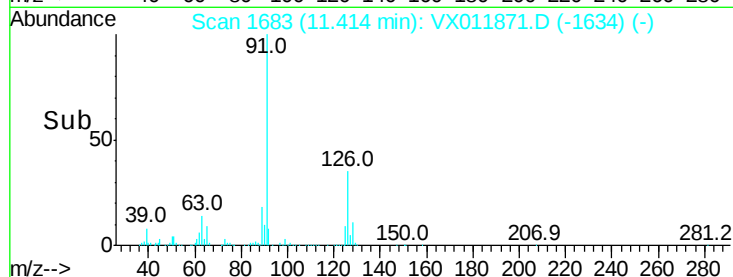
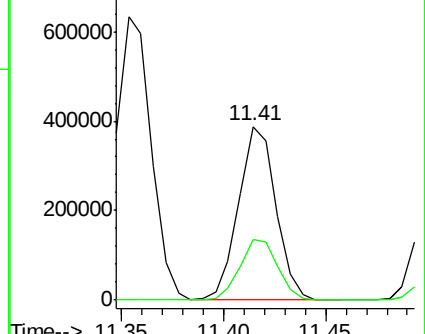
91 100

126 35.8 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 47.070 ug/l

RT: 11.50 min Scan# 1697

Delta R.T. 0.00 min

Lab File: VX011871.D

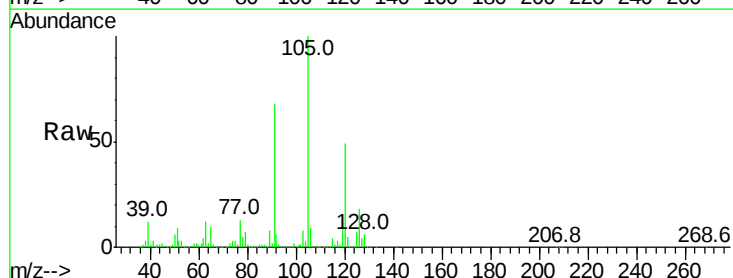
Acq: 28 Aug 2019 12:01

Tgt Ion: 105 Resp: 599435

Ion Ratio Lower Upper

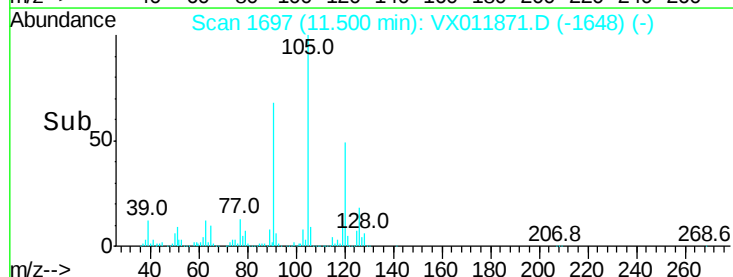
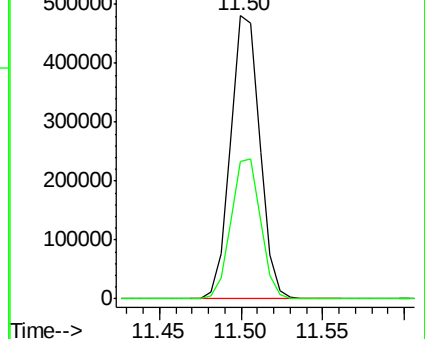
105 100

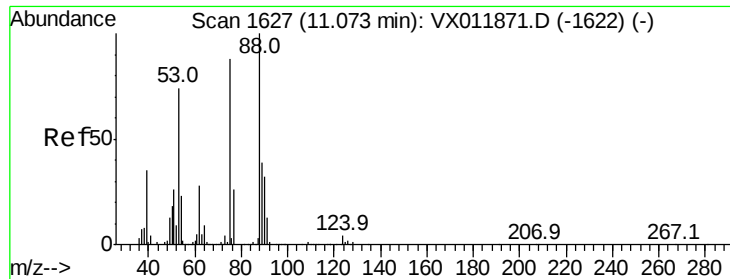
120 49.9 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 23.452 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX011871.D

Acq: 28 Aug 2019 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

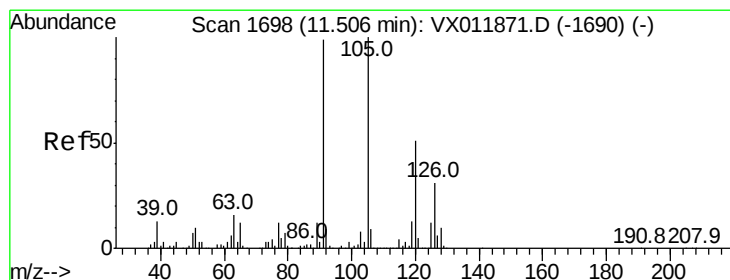
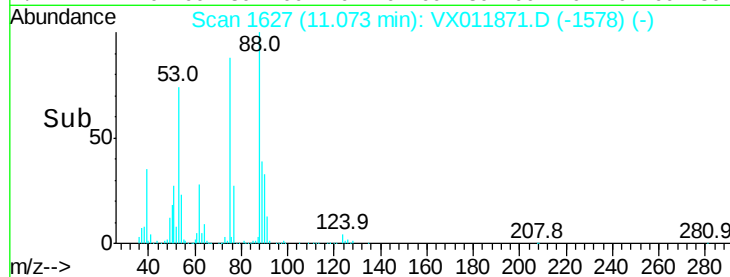
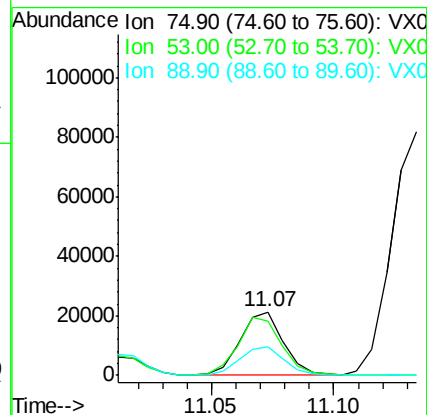
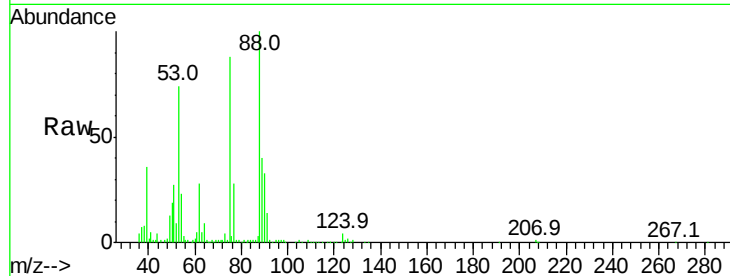
Tgt Ion: 75 Resp: 26009

Ion Ratio Lower Upper

75 100

53 91.6 73.3 109.9

89 46.7 37.4 56.0



#82

4-Chlorotoluene

Concen: 45.837 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011871.D

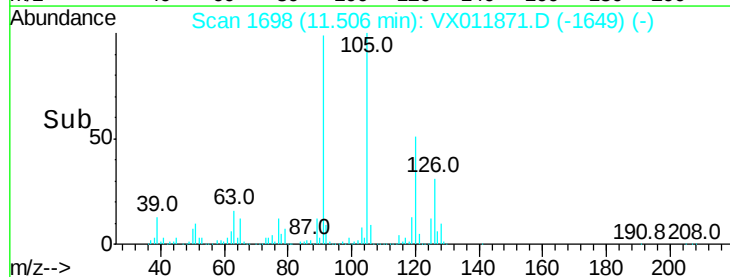
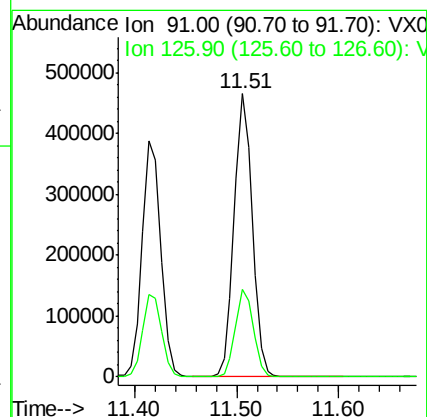
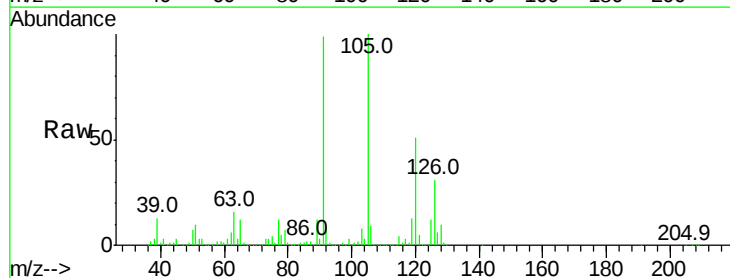
Acq: 28 Aug 2019 12:01

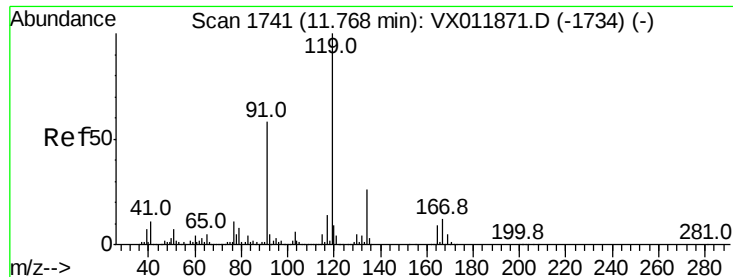
Tgt Ion: 91 Resp: 570545

Ion Ratio Lower Upper

91 100

126 30.8 15.4 46.2

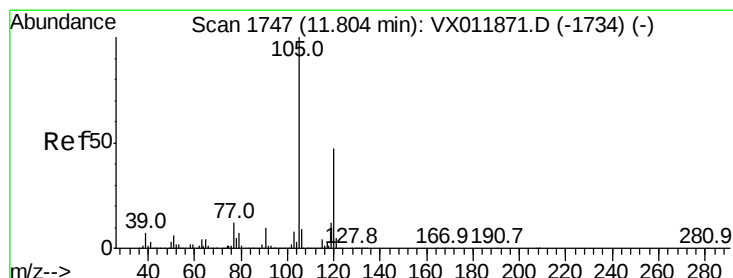
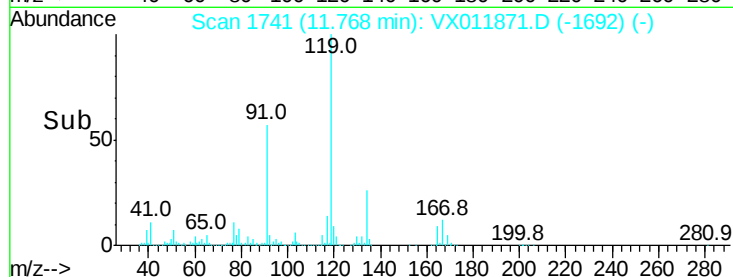
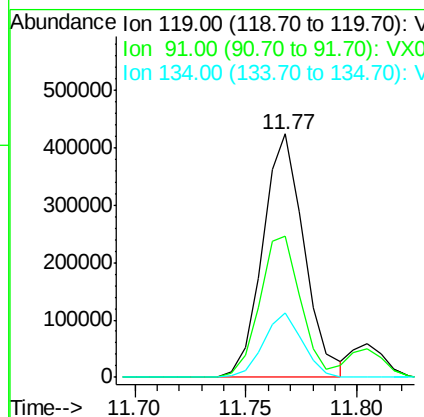
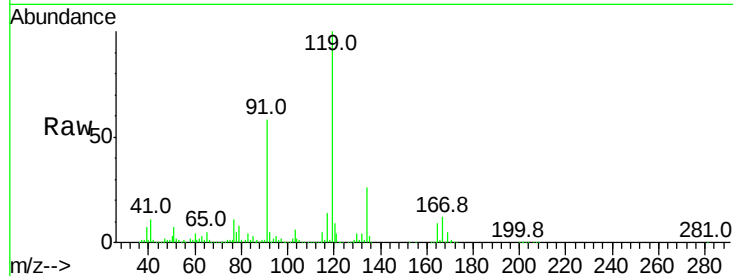




#83
 tert-Butylbenzene
 Concen: 43.621 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX011871.D
 Acq: 28 Aug 2019 12:01

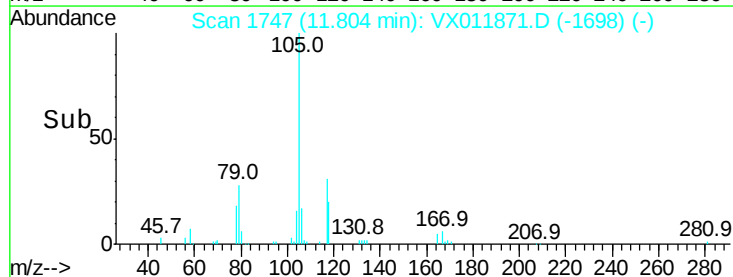
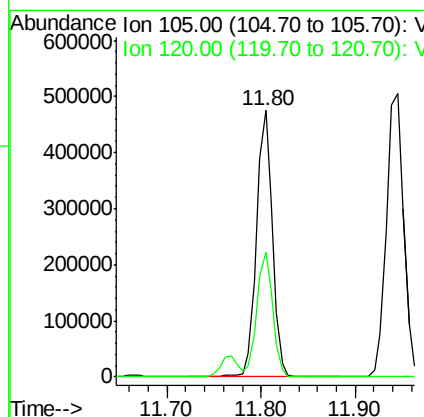
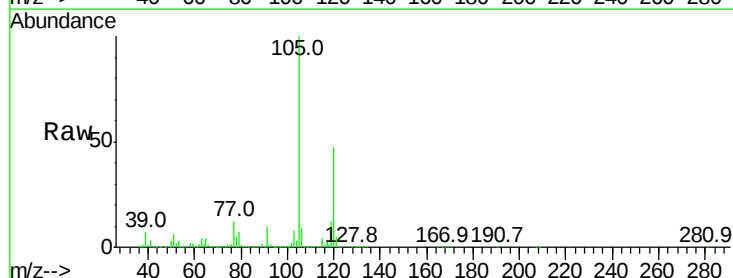
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

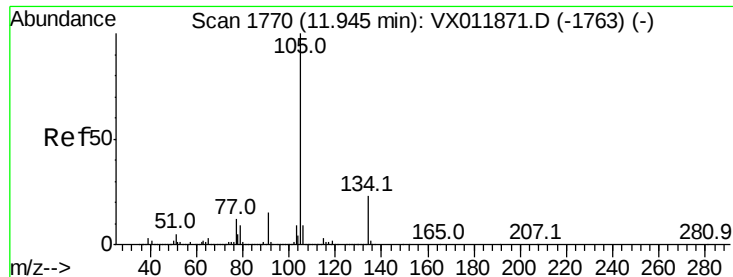
Tgt Ion	Ratio	Lower	Upper
119	100		
91	57.2	28.6	85.8
134	24.8	12.4	37.2



#84
 1,2,4-Trimethylbenzene
 Concen: 43.385 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX011871.D
 Acq: 28 Aug 2019 12:01

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.7	23.4	70.0





#85

sec-Butylbenzene

Concen: 39.934 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011871.D

Acq: 28 Aug 2019 12:01

Instrument :

MSVOA_X

ClientSampleId :

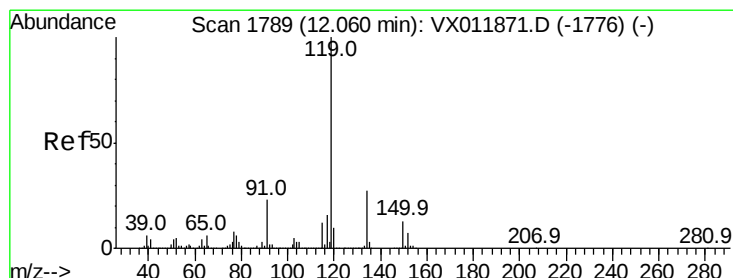
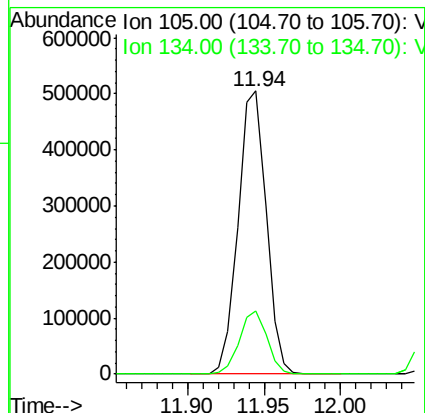
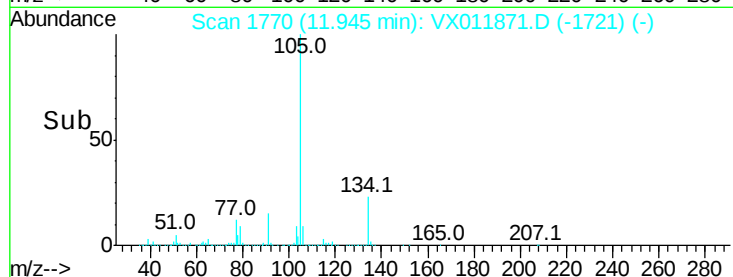
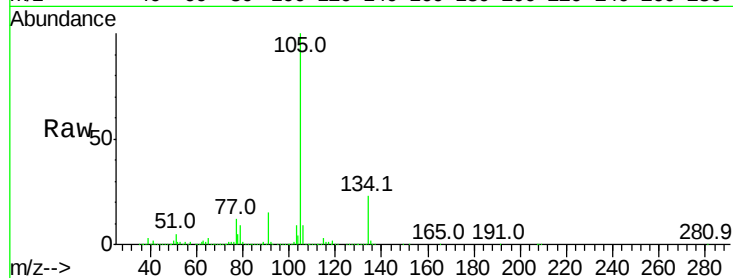
VSTDICCC050

Tgt Ion:105 Resp: 643513

Ion Ratio Lower Upper

105 100

134 21.9 10.9 32.9



#86

p-Isopropyltoluene

Concen: 40.678 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011871.D

Acq: 28 Aug 2019 12:01

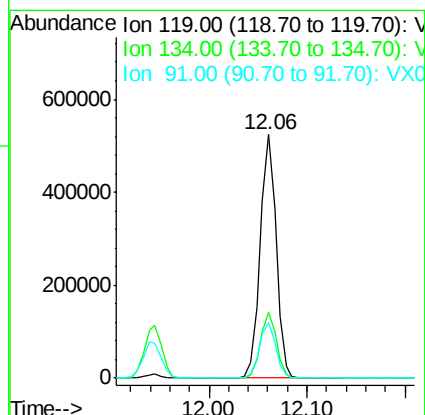
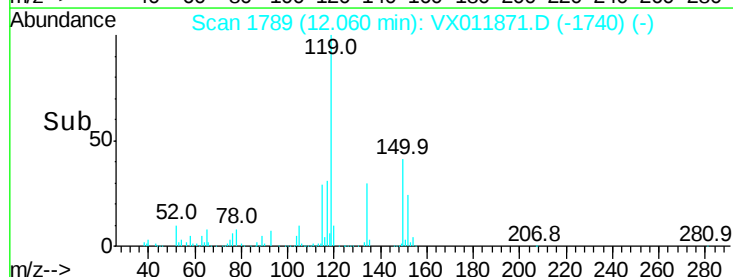
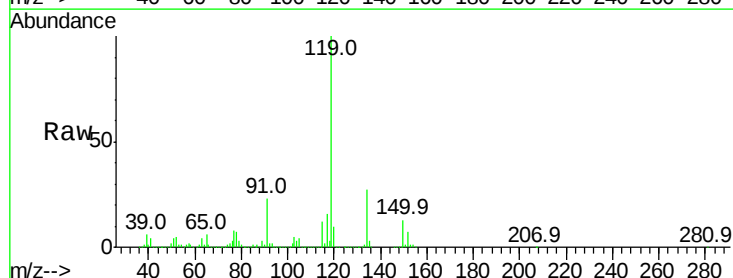
Tgt Ion:119 Resp: 595787

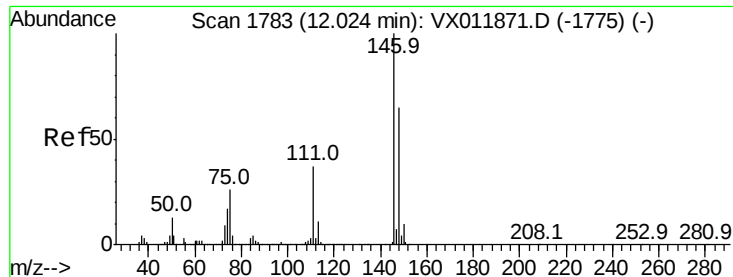
Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.5

91 23.3 11.7 35.0

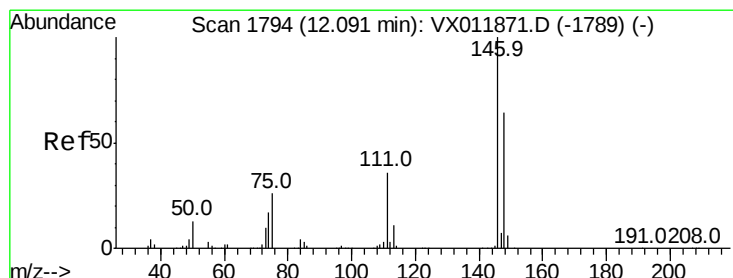
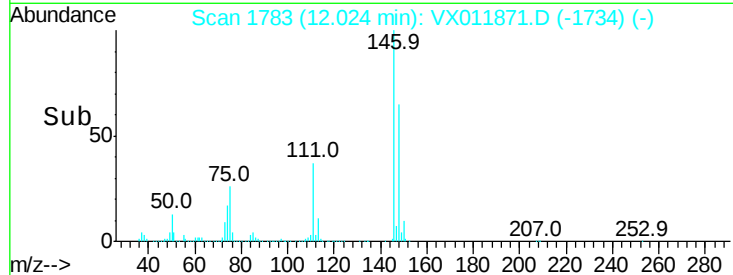
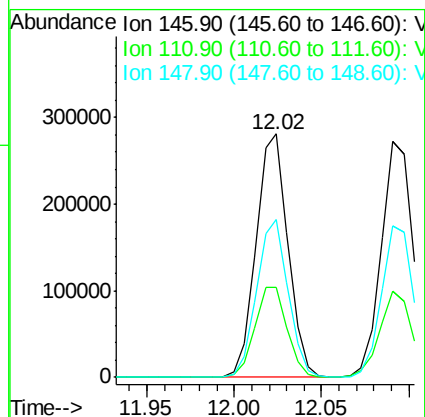
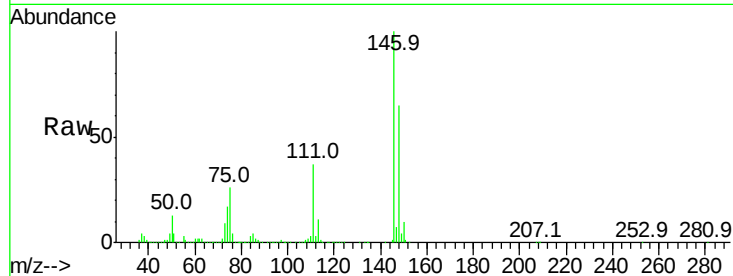




#87
 1,3-Dichlorobenzene
 Concen: 45.129 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX011871.D
 Acq: 28 Aug 2019 12:01

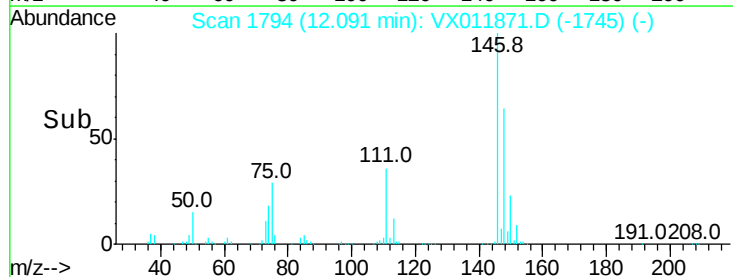
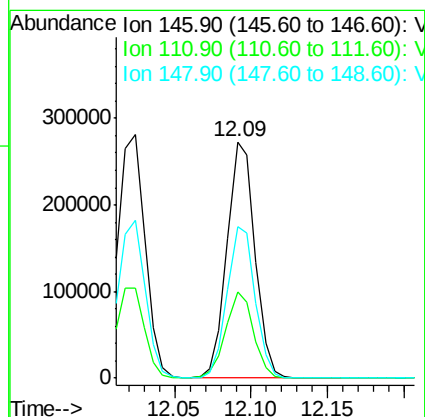
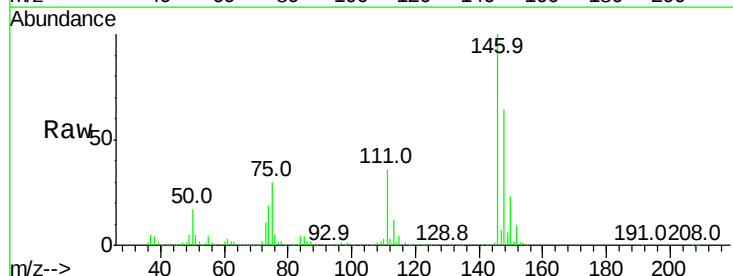
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

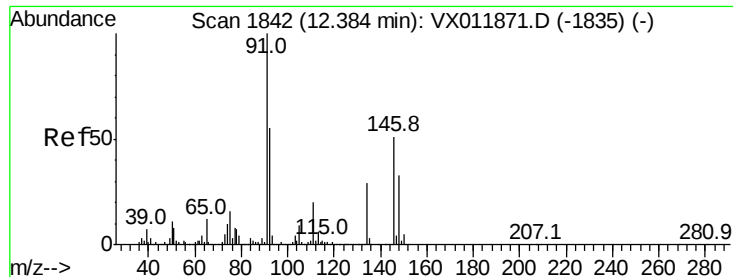
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.8	56.3
148	64.1	32.0	96.2



#88
 1,4-Dichlorobenzene
 Concen: 42.861 ug/l
 RT: 12.09 min Scan# 1794
 Delta R.T. 0.00 min
 Lab File: VX011871.D
 Acq: 28 Aug 2019 12:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.3	54.8
148	64.5	32.3	96.8





#89

n-Butylbenzene

Concen: 34.988 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX011871.D

Acq: 28 Aug 2019 12:01

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

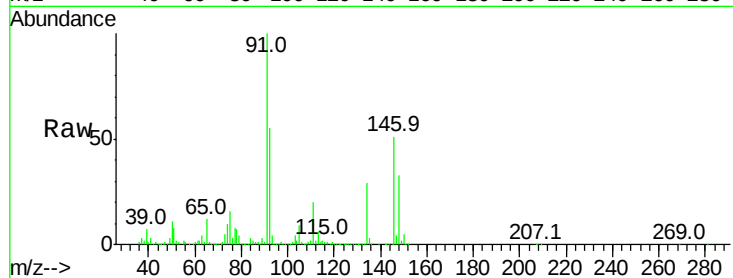
Tgt Ion: 91 Resp: 487718

Ion Ratio Lower Upper

91 100

92 55.1 27.6 82.7

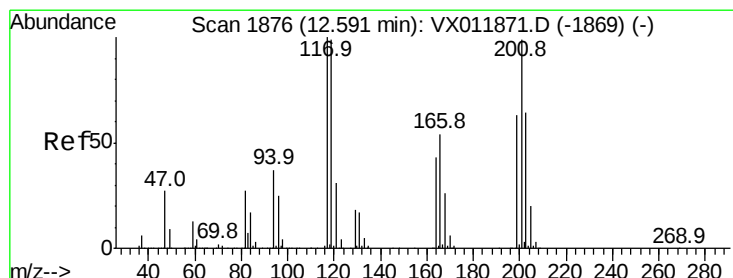
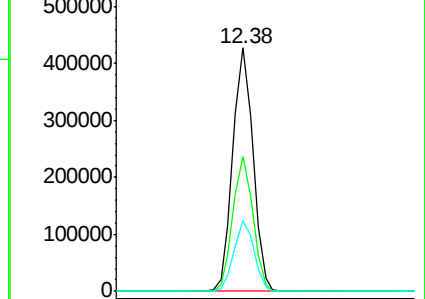
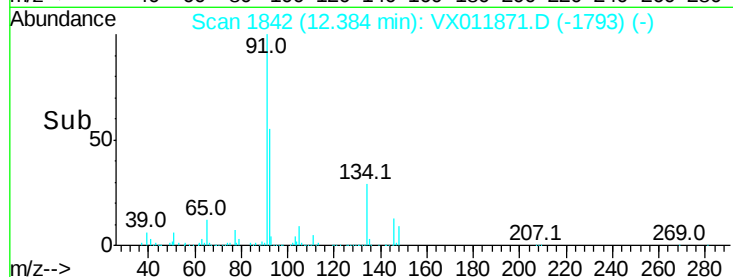
134 28.9 14.4 43.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 42.699 ug/l

RT: 12.59 min Scan# 1876

Delta R.T. 0.00 min

Lab File: VX011871.D

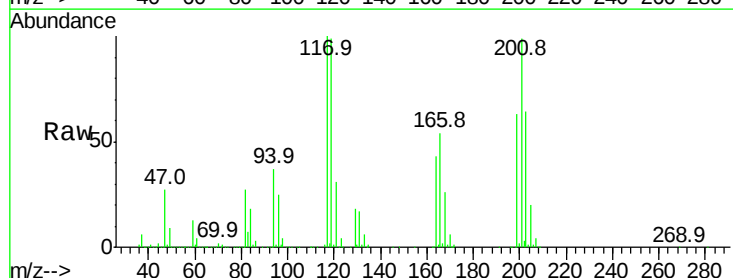
Acq: 28 Aug 2019 12:01

Tgt Ion: 117 Resp: 92863

Ion Ratio Lower Upper

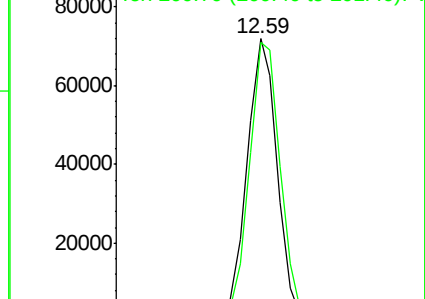
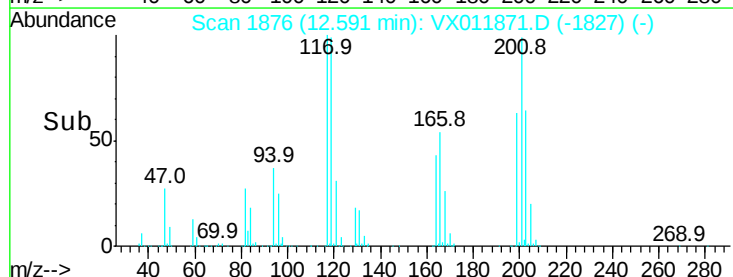
117 100

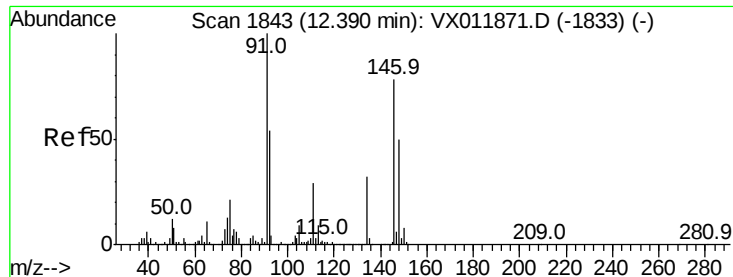
201 102.1 51.0 153.1



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 41.741 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX011871.D

Acq: 28 Aug 2019 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

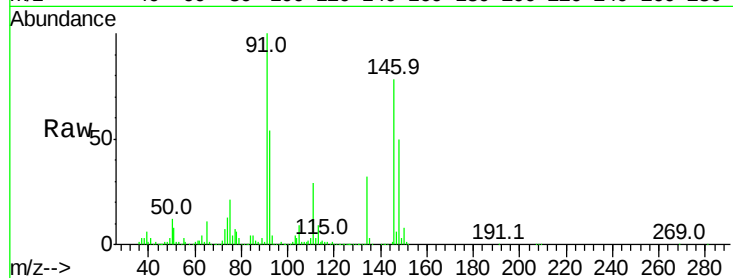
Tgt Ion:146 Resp: 305866

Ion Ratio Lower Upper

146 100

111 38.6 19.3 57.9

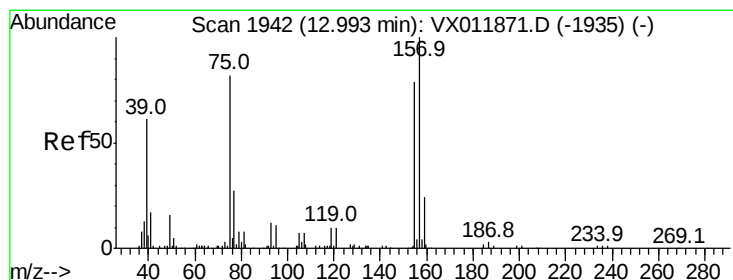
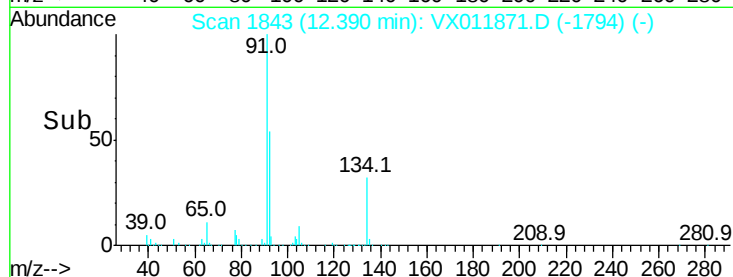
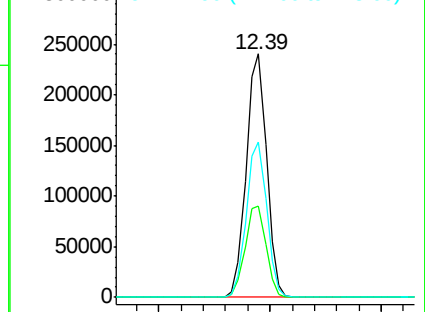
148 64.0 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.666 ug/l

RT: 12.99 min Scan# 1942

Delta R.T. 0.00 min

Lab File: VX011871.D

Acq: 28 Aug 2019 12:01

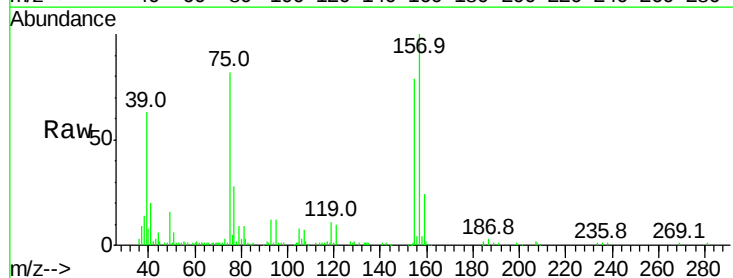
Tgt Ion: 75 Resp: 15905

Ion Ratio Lower Upper

75 100

155 100.6 50.3 150.9

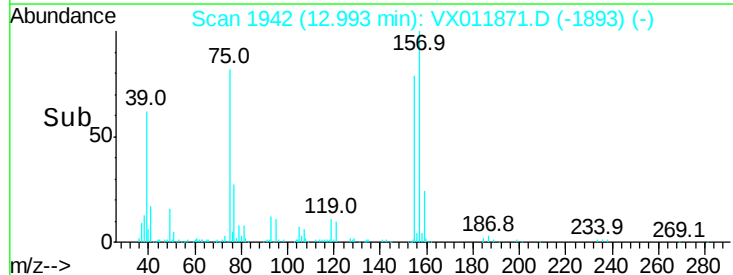
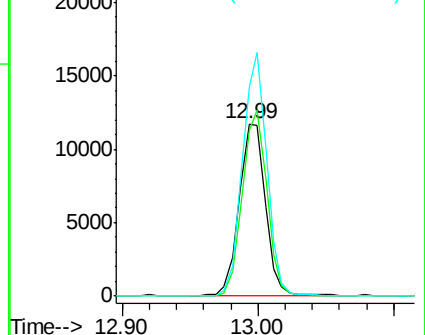
157 129.4 64.7 194.1

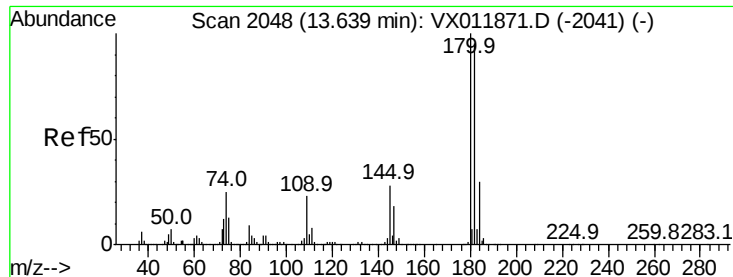


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

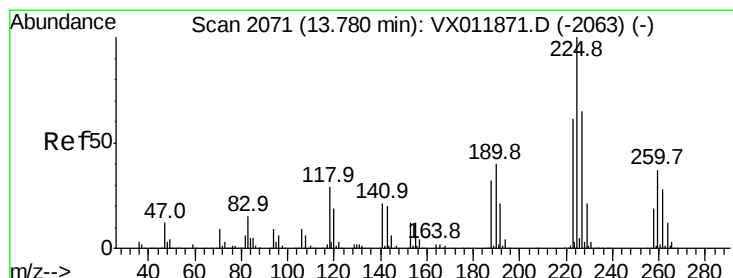
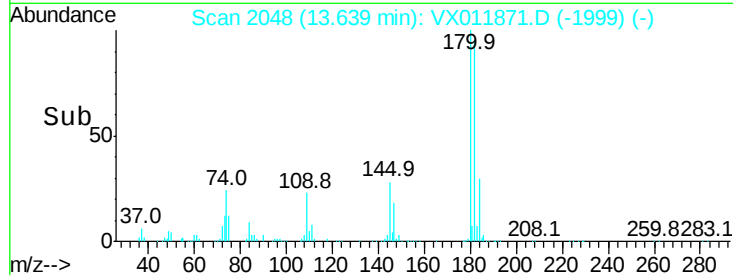
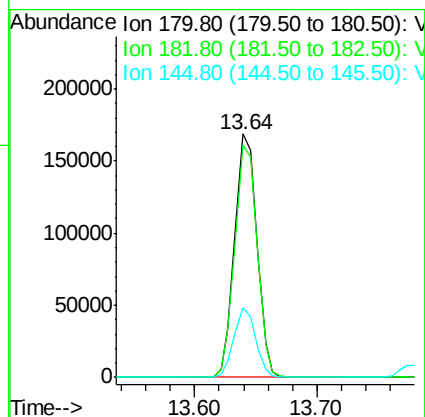
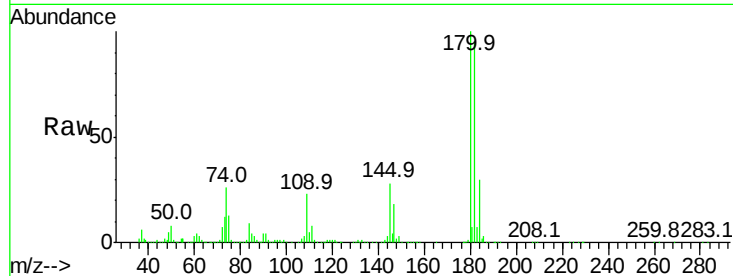




#93
 1,2,4-Trichlorobenzene
 Concen: 36.545 ug/l
 RT: 13.64 min Scan# 2048
 Delta R.T. 0.00 min
 Lab File: VX011871.D
 Acq: 28 Aug 2019 12:01

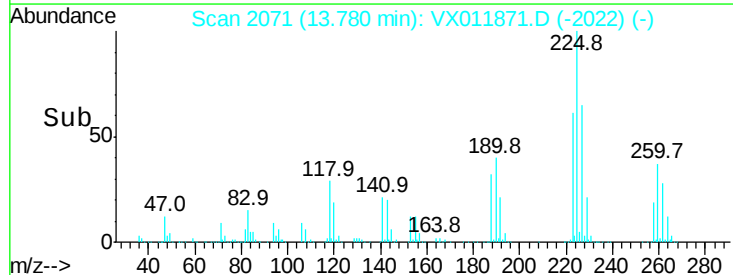
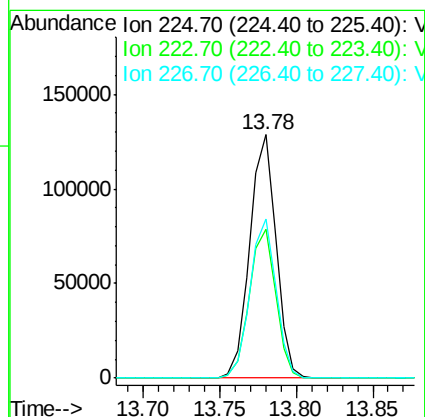
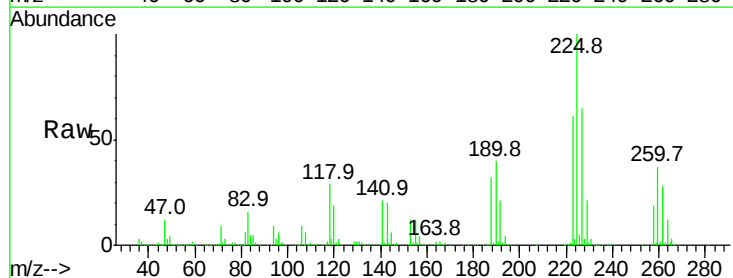
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

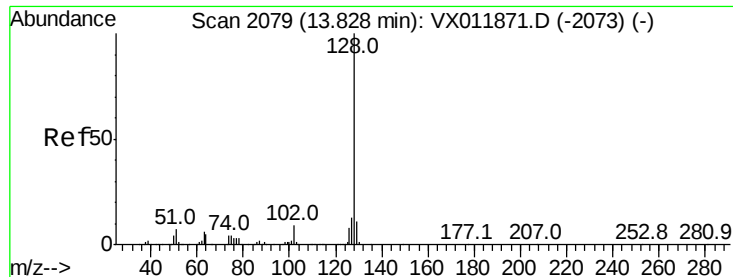
Tgt Ion	Ratio	Resp	Lower	Upper
180	100	212428		
182	95.8	47.9	143.7	
145	27.6	13.8	41.4	



#94
 Hexachlorobutadiene
 Concen: 41.295 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX011871.D
 Acq: 28 Aug 2019 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	153507		
223	61.9	30.9	92.8	
227	65.0	32.5	97.5	

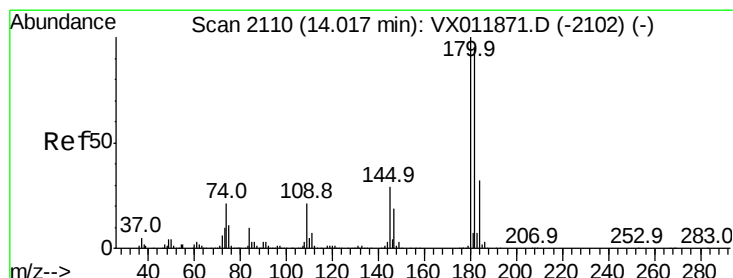
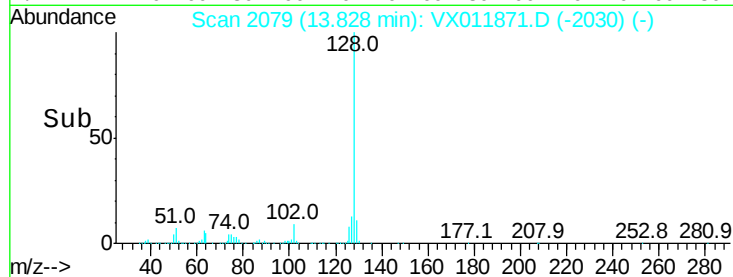
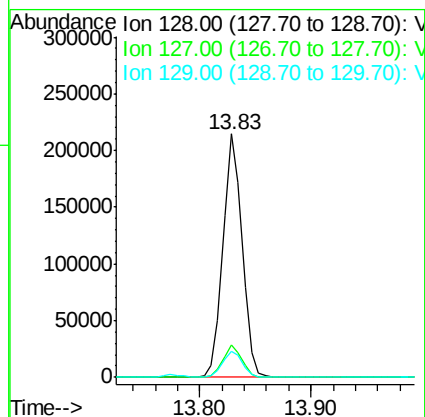
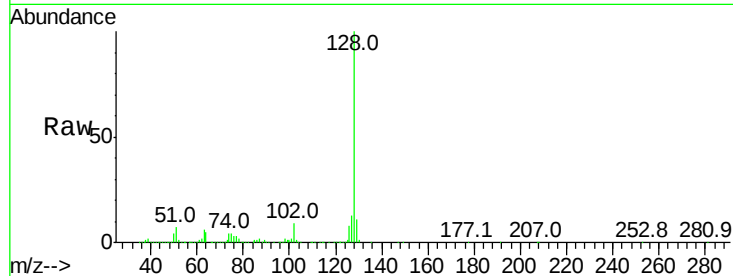




#95
Naphthalene
Concen: 20.673 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. 0.00 min
Lab File: VX011871.D
Acq: 28 Aug 2019 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	11.2	9.0	13.4



#96
1,2,3-Trichlorobenzene
Concen: 32.740 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX011871.D
Acq: 28 Aug 2019 12:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.9	143.7
145	29.8	14.9	44.7

