

Data File : VX011869.D
Acq On : 28 Aug 2019 11:09
Operator : SY/SP
Sample : VSTDIC010
Misc : 5.00g/5.0mL/MSVOA_X/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Quant Time: Aug 28 12:30:50 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	368412	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	506920	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	447778	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	226974	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	32235	8.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	17.30%	
35) Dibromofluoromethane	5.49	113	32460	10.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	21.74%	
50) Toluene-d8	8.71	98	111333	8.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	17.90%	
62) 4-Bromofluorobenzene	11.13	95	56396	12.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	24.58%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.19	85	23963	7.706 ug/l	99
3) Chloromethane	1.32	50	30237	7.736 ug/l	99
4) Vinyl Chloride	1.40	62	26409	6.281 ug/l	98
5) Bromomethane	1.64	94	15052	5.947 ug/l	98
6) Chloroethane	1.72	64	16759	6.028 ug/l	98
7) Trichlorofluoromethane	1.92	101	42661	7.738 ug/l	99
8) Diethyl Ether	2.18	74	12569	6.032 ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.37	101	26645	7.618 ug/l	97
10) Methyl Iodide	2.50	142	25612	6.370 ug/l	99
11) Tert butyl alcohol	3.03	59	10755	17.826 ug/l	# 91
12) 1,1-Dichloroethene	2.37	96	27026	8.207 ug/l	99
13) Acrolein	2.28	56	5880	29.788 ug/l	95
14) Allyl chloride	2.72	41	46831	8.023 ug/l	98
15) Acrylonitrile	3.13	53	32437	21.140 ug/l	96
16) Acetone	2.43	43	57588	40.463 ug/l	98
17) Carbon Disulfide	2.56	76	80807	7.542 ug/l	99
18) Methyl Acetate	2.76	43	23588	5.898 ug/l	97
19) Methyl tert-butyl Ether	3.18	73	71133	7.936 ug/l	100
20) Methylene Chloride	2.85	84	35233	8.075 ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	30646	8.494 ug/l	98
22) Diisopropyl ether	3.84	45	92002	8.731 ug/l	91
23) Vinyl Acetate	3.81	43	191520	25.200 ug/l	99
24) 1,1-Dichloroethane	3.68	63	54389	8.850 ug/l	98
25) 2-Butanone	4.67	43	42906	20.680 ug/l	99
26) 2,2-Dichloropropane	4.57	77	44670	9.229 ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	34951	8.989 ug/l	98
28) Bromochloromethane	5.01	49	24480	8.881 ug/l	99
29) Tetrahydrofuran	5.12	42	26310	19.899 ug/l	98
30) Chloroform	5.20	83	56144	9.272 ug/l	99
31) Cyclohexane	5.57	56	47234	7.957 ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	49483	9.508 ug/l	98
36) 1,1-Dichloropropene	5.79	75	41131	8.664 ug/l	98
37) Ethyl Acetate	4.82	43	15271	4.188 ug/l	98
38) Carbon Tetrachloride	5.77	117	39451	8.984 ug/l	98

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VSTDIC010

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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)
39) Methylcyclohexane	7.46	83	51635	8.859	ug/l	99
40) Benzene	6.13	78	119996	8.821	ug/l	100
41) Methacrylonitrile	5.04	41	11147	5.423	ug/l	98
42) 1,2-Dichloroethane	6.18	62	37458	9.116	ug/l	100
43) Isopropyl Acetate	6.44	43	32363	5.570	ug/l	99
44) Trichloroethene	7.21	130	40518	10.441	ug/l	96
45) 1,2-Dichloropropane	7.51	63	30167	9.017	ug/l	97
46) Dibromomethane	7.65	93	17353	9.001	ug/l	97
47) Bromodichloromethane	7.89	83	40573	10.561	ug/l	100
48) Methyl methacrylate	7.77	41	16136	5.537	ug/l	98
49) 1,4-Dioxane	7.74	88	3590	61.031	ug/l	94
51) 4-Methyl-2-Pentanone	8.63	43	63327	17.735	ug/l	99
52) Toluene	8.78	92	76936	9.066	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	34030	7.755	ug/l	94
54) cis-1,3-Dichloropropene	8.43	75	43782	8.951	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	22178	7.594	ug/l	98
56) Ethyl methacrylate	9.18	69	20990	5.232	ug/l	98
57) 1,3-Dichloropropane	9.37	76	37180	7.584	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.30	63	34887	18.178	ug/l	100
59) 2-Hexanone	9.49	43	39934	14.680	ug/l	99
60) Dibromochloromethane	9.58	129	29135	9.905	ug/l	99
61) 1,2-Dibromoethane	9.66	107	21279	7.136	ug/l	99
64) Tetrachloroethene	9.33	164	44349	12.600	ug/l	100
65) Chlorobenzene	10.13	112	84405	9.020	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	30353	9.947	ug/l	98
67) Ethyl Benzene	10.25	91	144899	9.171	ug/l	99
68) m/p-Xylenes	10.35	106	109756	17.758	ug/l	99
69) o-Xylene	10.69	106	51642	8.998	ug/l	100
70) Styrene	10.71	104	83767	8.676	ug/l	99
71) Bromoform	10.85	173	18454	8.796	ug/l #	98
73) Isopropylbenzene	11.01	105	134671	9.478	ug/l	100
74) N-amyl acetate	6.44	43	32363	6.426	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	21928	5.936	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	20073	6.416	ug/l	87
77) Bromobenzene	11.25	156	37101	10.015	ug/l	97
78) n-propylbenzene	11.35	91	148202	8.609	ug/l	99
79) 2-Chlorotoluene	11.41	91	93778	9.595	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	112971	9.315	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	4626	4.380	ug/l	98
82) 4-Chlorotoluene	11.51	91	109039	9.198	ug/l	99
83) tert-Butylbenzene	11.77	119	102515	8.546	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	106555	8.535	ug/l	99
85) sec-Butylbenzene	11.94	105	120932	7.880	ug/l	100
86) p-Isopropyltoluene	12.06	119	110746	7.939	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	67072	8.950	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	65713	8.595	ug/l	98
89) n-Butylbenzene	12.38	91	91636	6.902	ug/l	99
90) Hexachloroethane	12.59	117	16842	8.131	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	56592	8.109	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	3084	4.207	ug/l	92

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

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ClientSampleId :
VSTDICC010

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	38856	7.019	ug/l	100
94) Hexachlorobutadiene	13.78	225	28143	7.949	ug/l	99
95) Naphthalene	13.83	128	44601	3.770	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	31976	6.363	ug/l	99

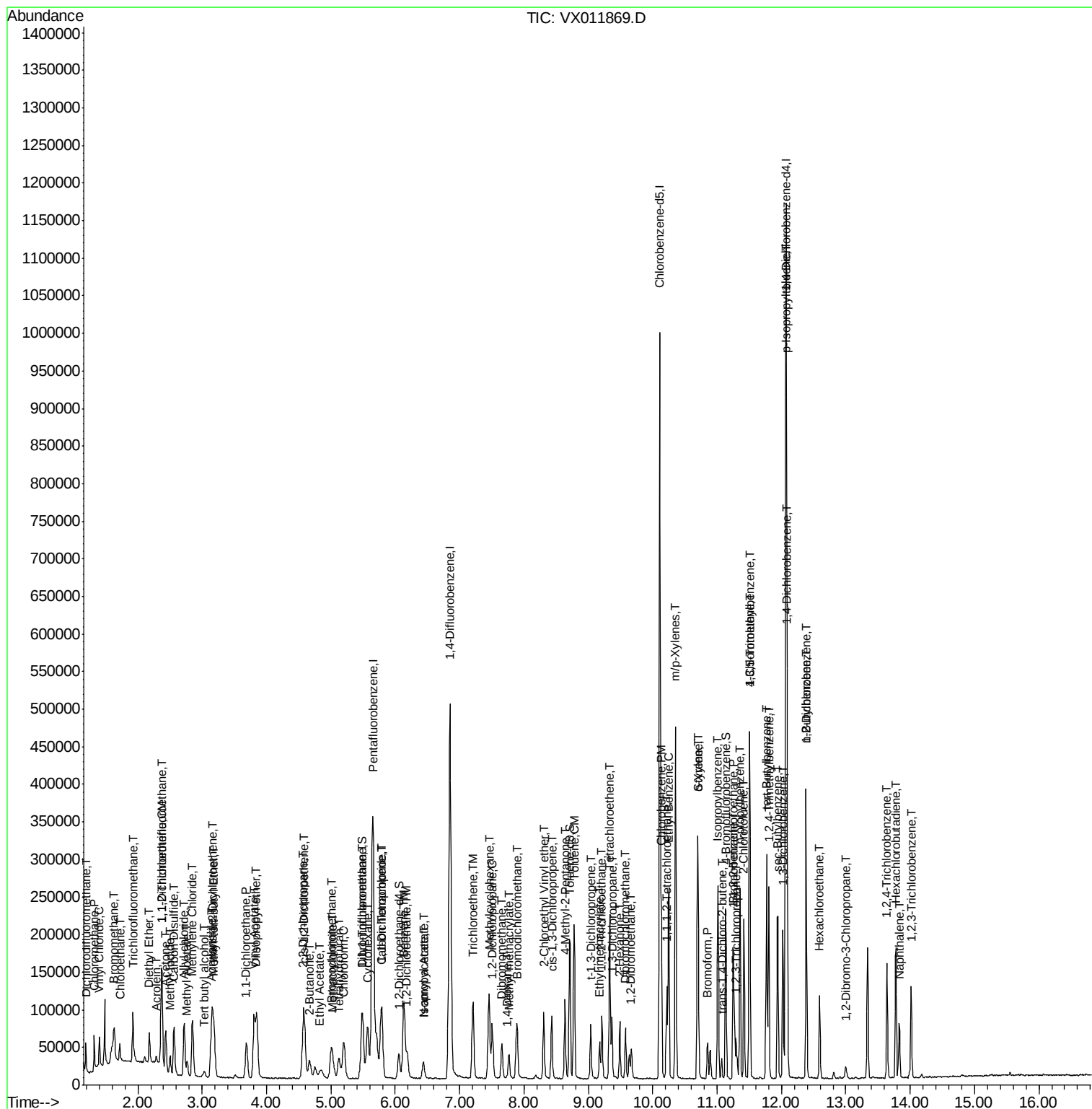
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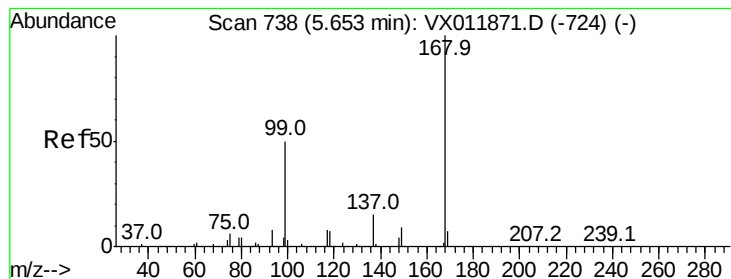
Data File : VX011869.D

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Acq On      : 28 Aug 2019   11:09
Operator    : SY/SP
Sample      : VSTDIC010
Misc        : 5.00g/5.0mL/MSVOA_X/SOIL
ALS Vial    : 1      Sample Multiplier: 1
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Instrument :
MSVOA_X
ClientSampleId :
VSTDICC010

Quant Time: Aug 28 12:30:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082819S.M
Quant Title : SW846 8260
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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: VX011869.D

Acq: 28 Aug 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

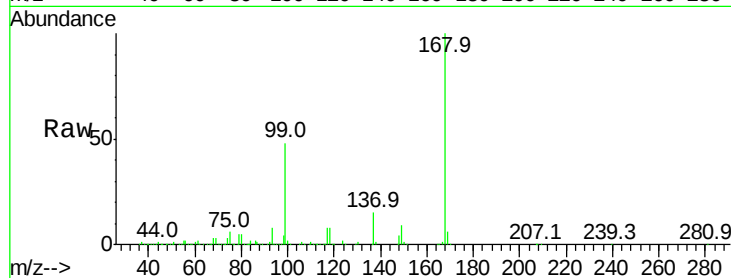
VSTDIC010

Tgt Ion:168 Resp: 368412

Ion Ratio Lower Upper

168 100

99 47.8 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

150000

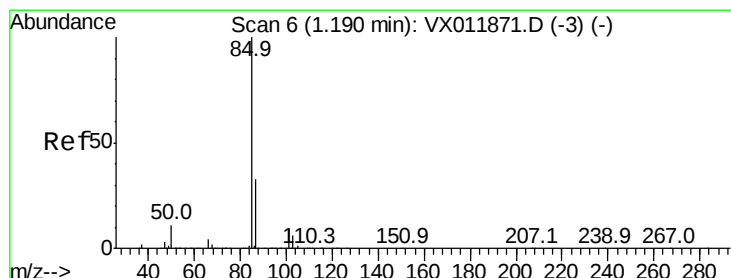
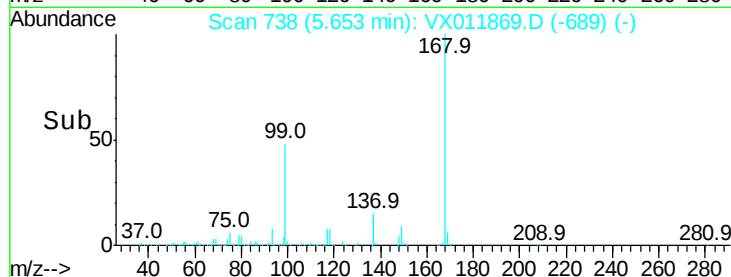
100000

50000

0

5.50 5.60 5.70 5.80 5.90

Time-->



#2

Dichlorodifluoromethane

Concen: 7.706 ug/l

RT: 1.19 min Scan# 6

Delta R.T. -0.00 min

Lab File: VX011869.D

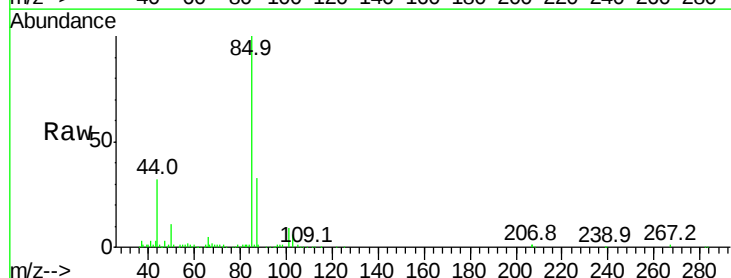
Acq: 28 Aug 2019 11:09

Tgt Ion: 85 Resp: 23963

Ion Ratio Lower Upper

85 100

87 33.1 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

25000

20000

15000

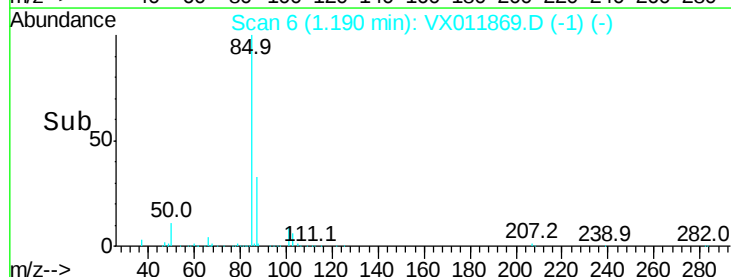
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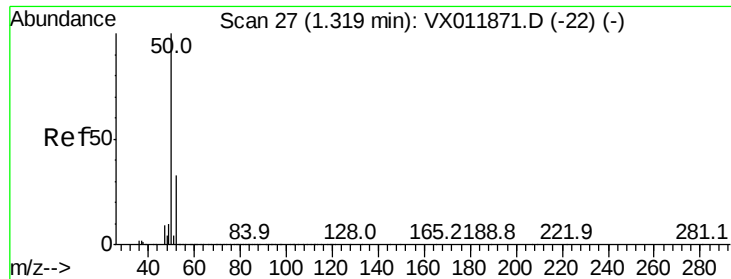
5000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 7.736 ug/l

RT: 1.32 min Scan# 27

Delta R.T. -0.00 min

Lab File: VX011869.D

Acq: 28 Aug 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

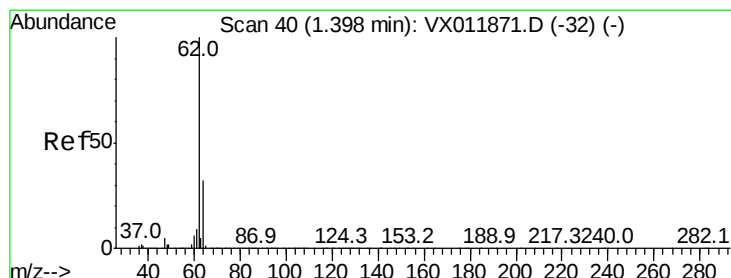
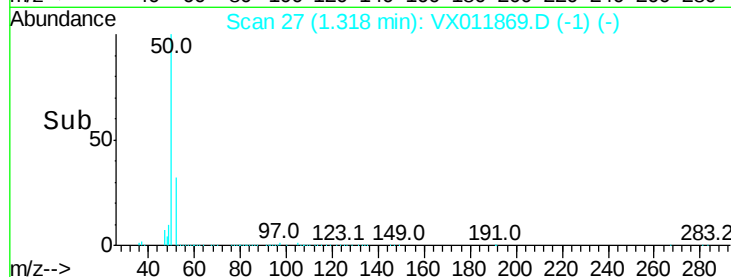
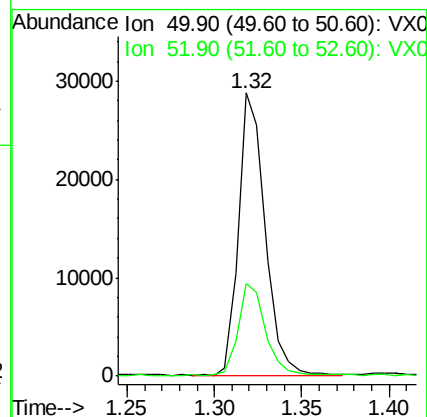
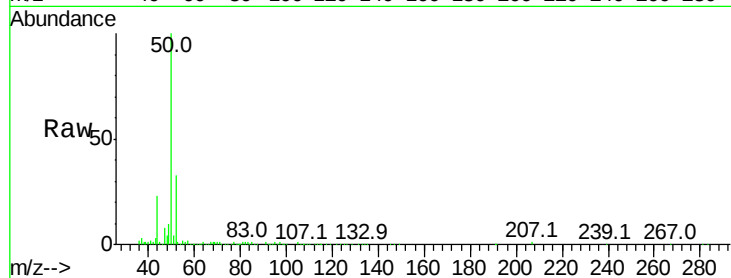
VSTDIC010

Tgt Ion: 50 Resp: 30237

Ion Ratio Lower Upper

50 100

52 32.3 26.5 39.7



#4

Vinyl Chloride

Concen: 6.281 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.01 min

Lab File: VX011869.D

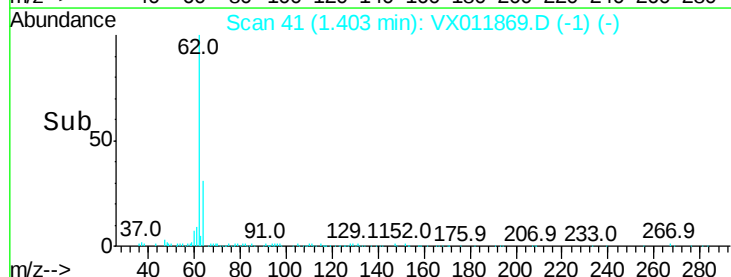
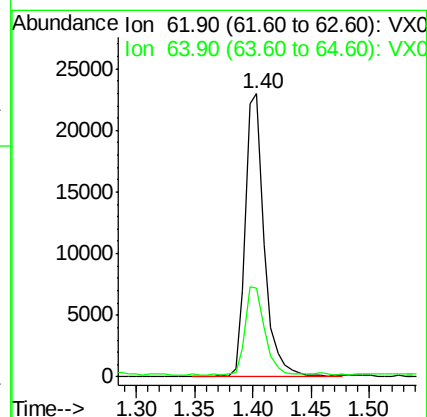
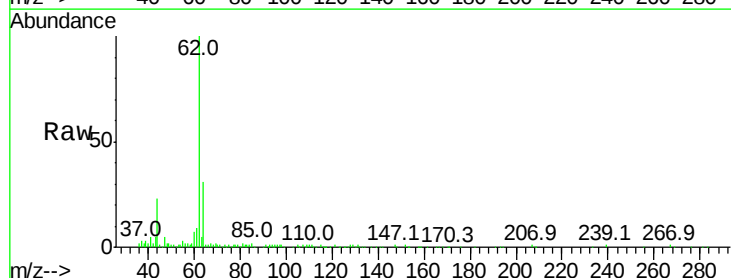
Acq: 28 Aug 2019 11:09

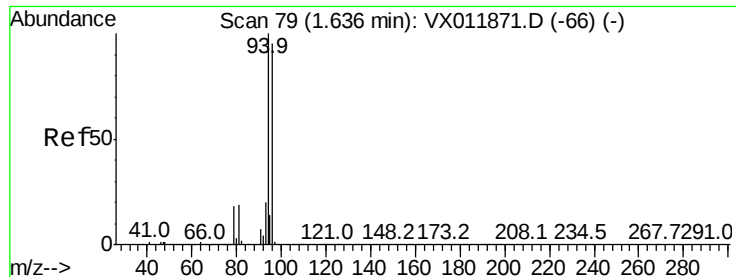
Tgt Ion: 62 Resp: 26409

Ion Ratio Lower Upper

62 100

64 30.5 25.3 37.9





#5

Bromomethane

Concen: 5.947 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX011869.D

Acq: 28 Aug 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

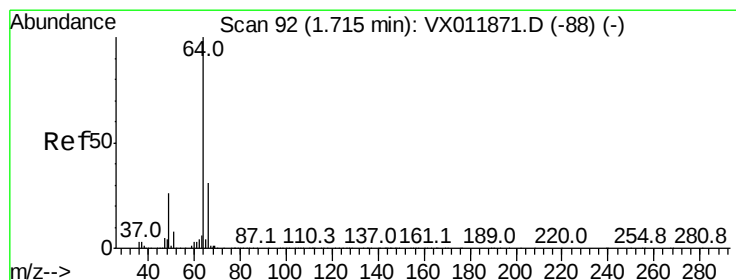
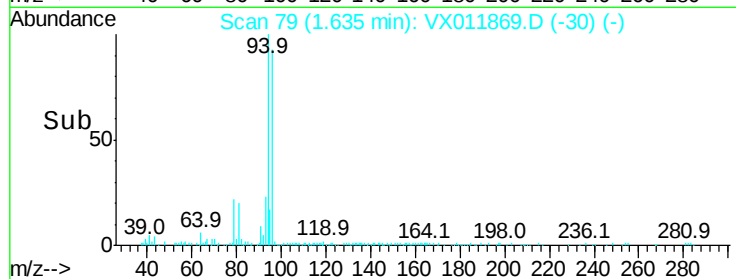
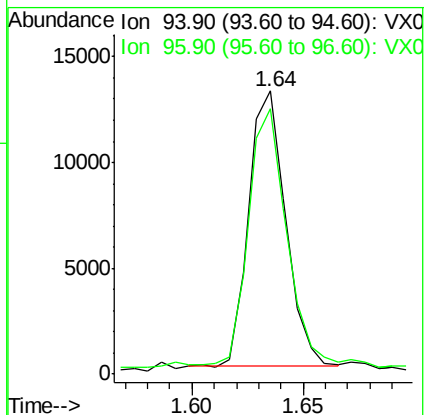
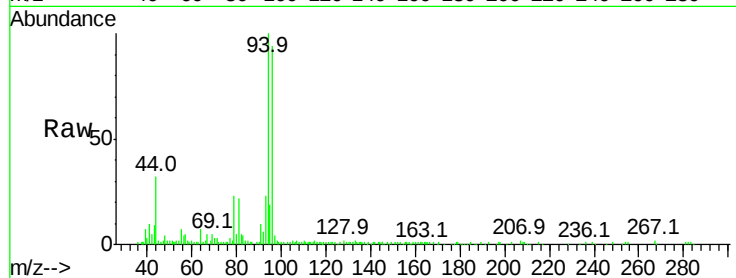
VSTDIC010

Tgt Ion: 94 Resp: 15052

Ion Ratio Lower Upper

94 100

96 93.1 76.0 114.0



#6

Chloroethane

Concen: 6.028 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX011869.D

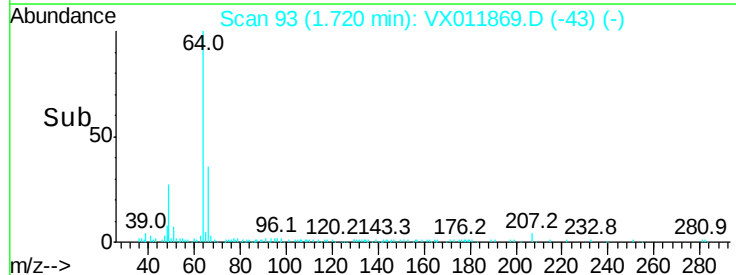
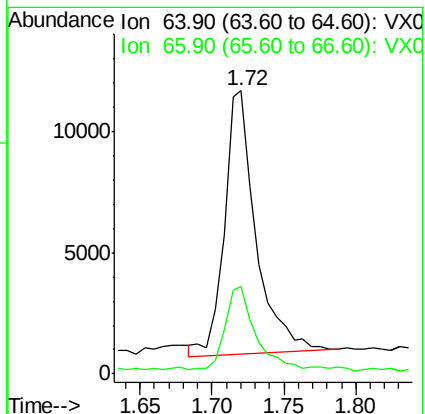
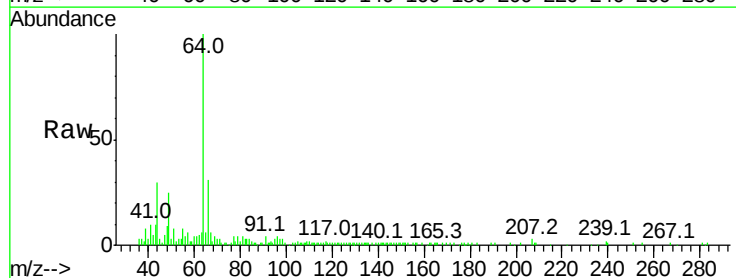
Acq: 28 Aug 2019 11:09

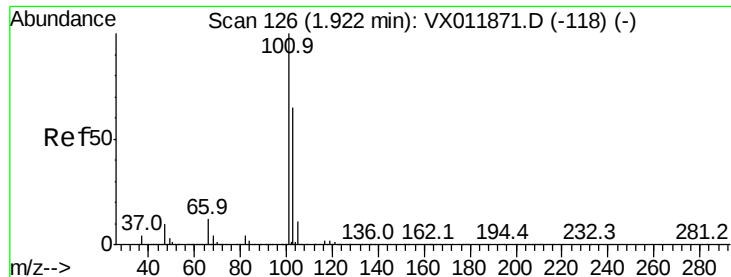
Tgt Ion: 64 Resp: 16759

Ion Ratio Lower Upper

64 100

66 32.1 25.0 37.4



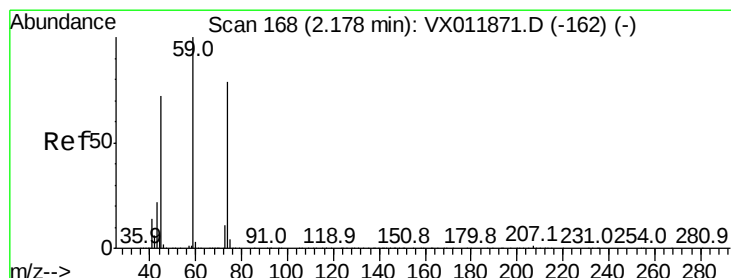
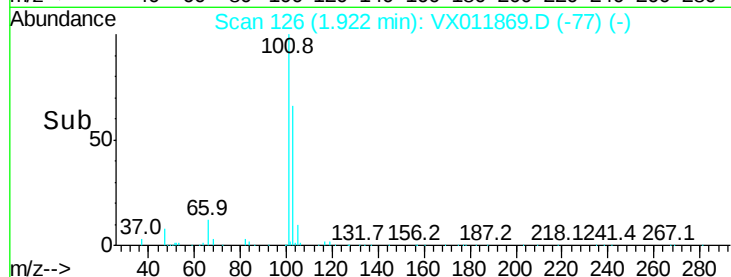
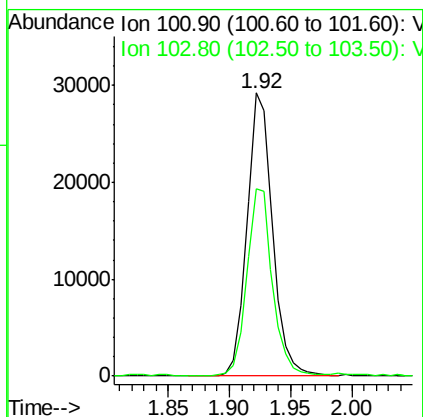
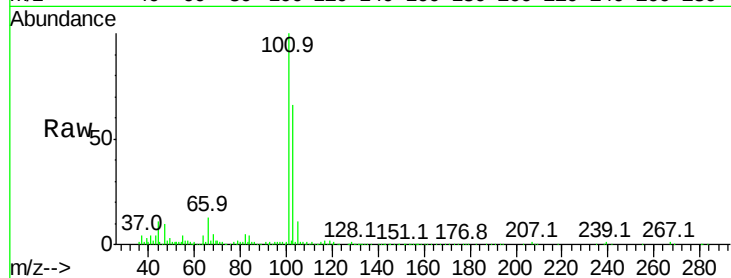


#7

Trichlorofluoromethane
Concen: 7.738 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.00 min
Lab File: VX011869.D
Acq: 28 Aug 2019 11:09

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MSVOA_X
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VSTDIC010

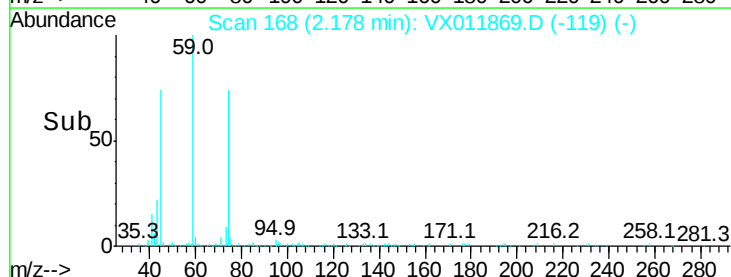
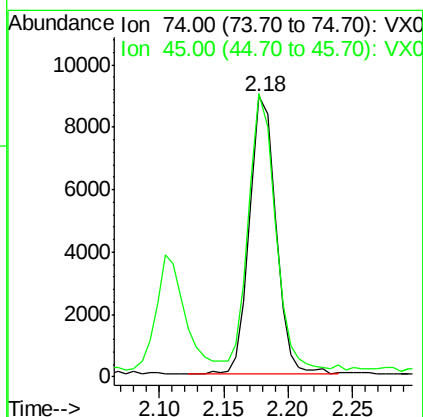
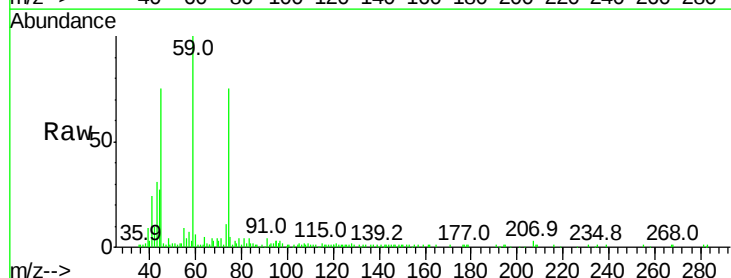
Tgt Ion:101 Resp: 42661
Ion Ratio Lower Upper
101 100
103 65.7 51.8 77.8

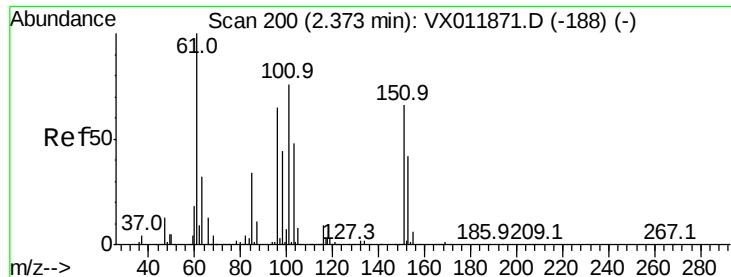


#8

Diethyl Ether
Concen: 6.032 ug/l
RT: 2.18 min Scan# 168
Delta R.T. -0.00 min
Lab File: VX011869.D
Acq: 28 Aug 2019 11:09

Tgt Ion: 74 Resp: 12569
Ion Ratio Lower Upper
74 100
45 100.5 47.1 141.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 7.618 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX011869.D

Acq: 28 Aug 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

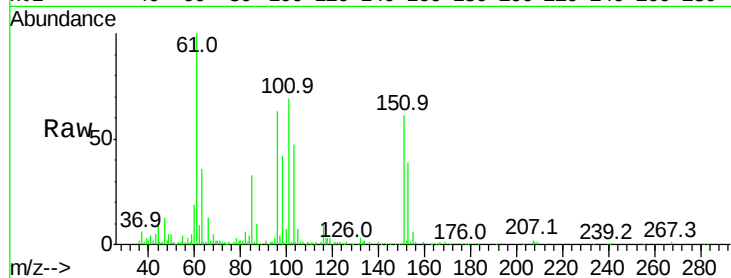
Tgt Ion:101 Resp: 26645

Ion Ratio Lower Upper

101 100

85 44.6 34.5 51.7

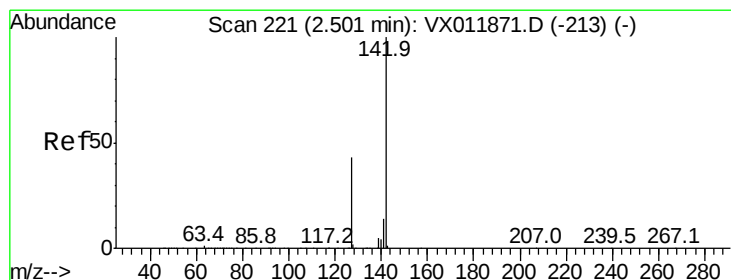
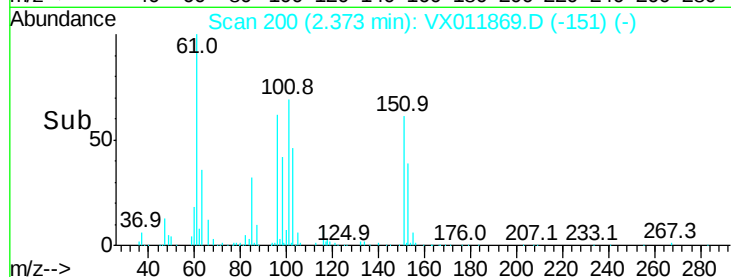
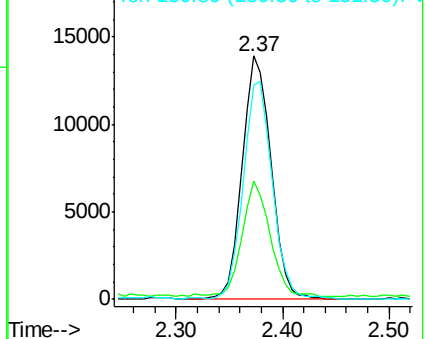
151 90.2 69.4 104.2



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: 6.370 ug/l

RT: 2.50 min Scan# 221

Delta R.T. -0.00 min

Lab File: VX011869.D

Acq: 28 Aug 2019 11:09

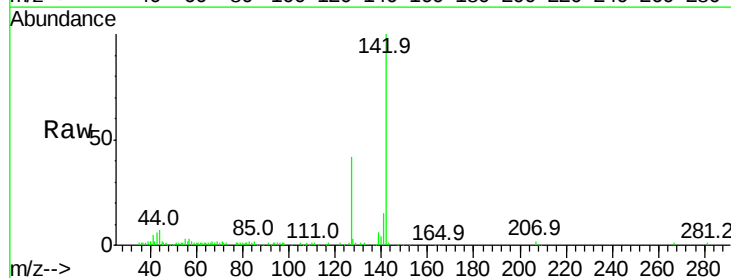
Tgt Ion:142 Resp: 25612

Ion Ratio Lower Upper

142 100

127 42.7 34.5 51.7

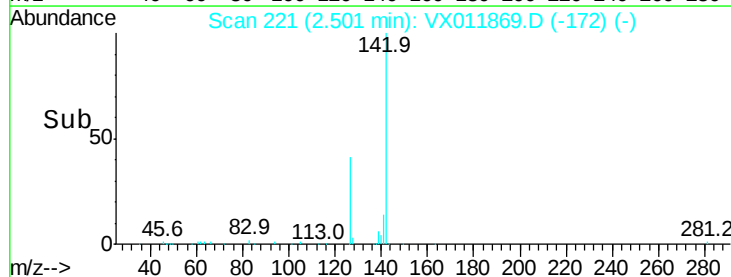
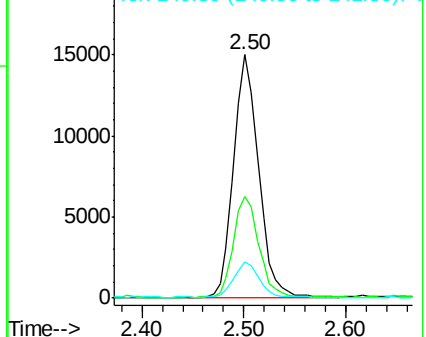
141 15.7 11.6 17.4

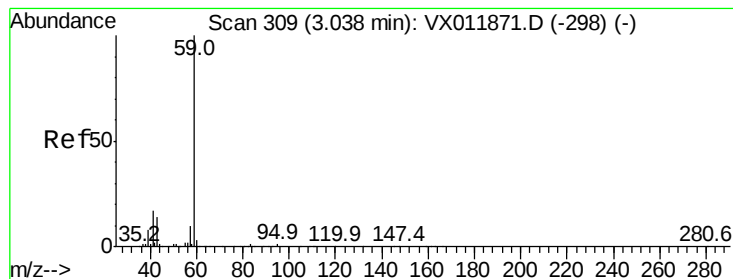


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



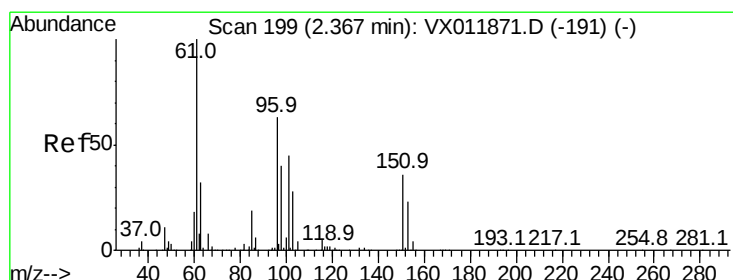
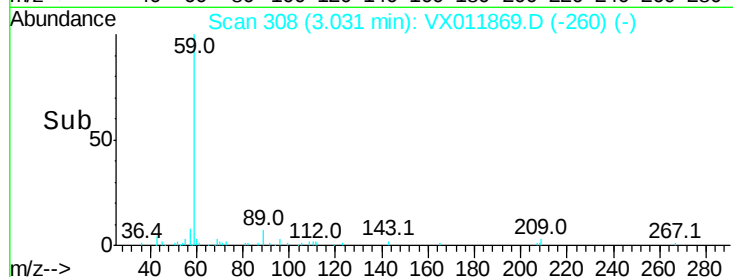
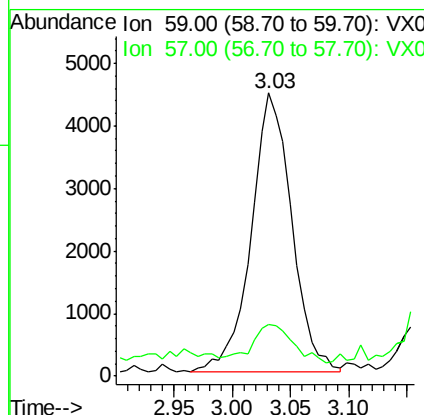
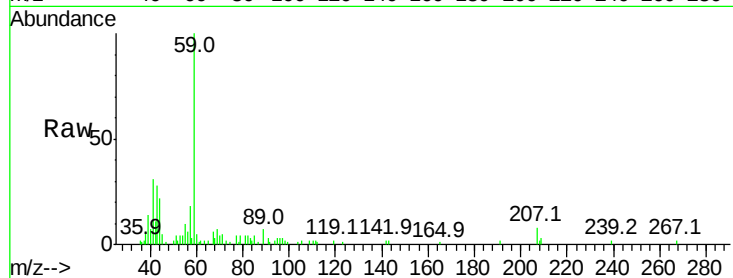


#11

Tert butyl alcohol
 Concen: 17.826 ug/l
 RT: 3.03 min Scan# 308
 Delta R.T. -0.01 min
 Lab File: VX011869.D
 Acq: 28 Aug 2019 11:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

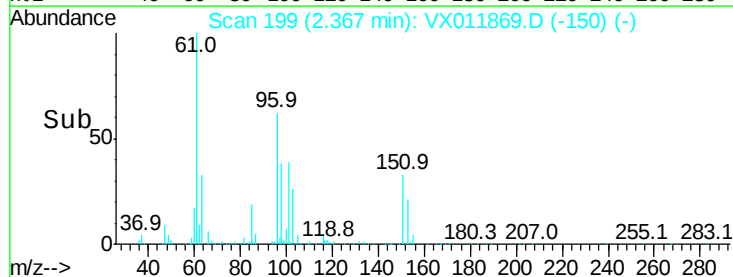
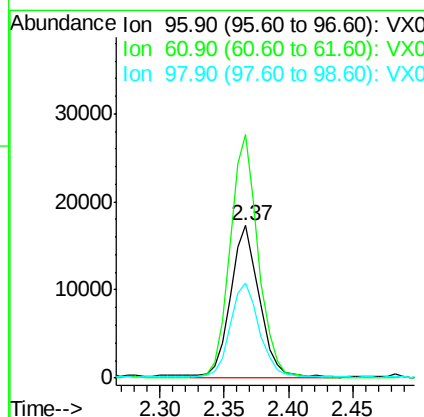
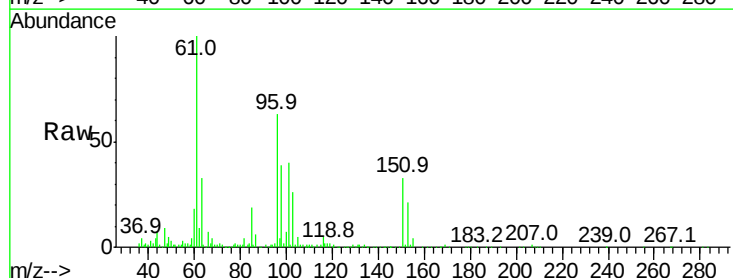
Tgt Ion: 59 Resp: 10755
 Ion Ratio Lower Upper
 59 100
 57 13.8 8.3 12.5#

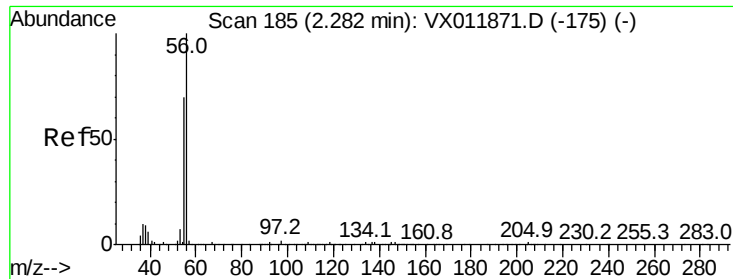


#12

1,1-Dichloroethene
 Concen: 8.207 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. -0.00 min
 Lab File: VX011869.D
 Acq: 28 Aug 2019 11:09

Tgt Ion: 96 Resp: 27026
 Ion Ratio Lower Upper
 96 100
 61 160.5 128.0 192.0
 98 61.8 51.4 77.2





#13

Acrolein

Concen: 29.788 ug/l

RT: 2.28 min Scan# 185

Delta R.T. -0.00 min

Lab File: VX011869.D

Acq: 28 Aug 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

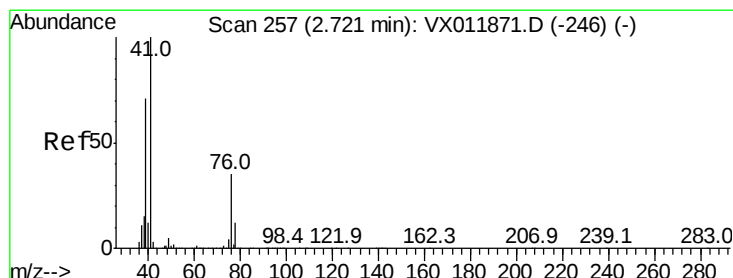
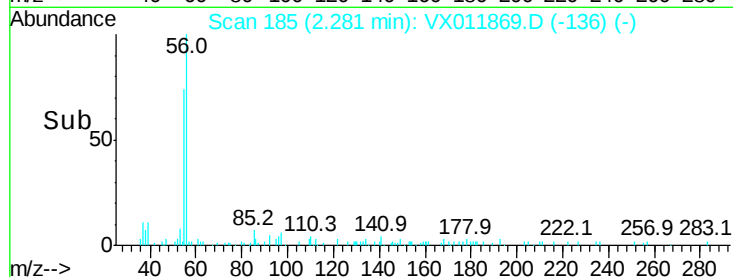
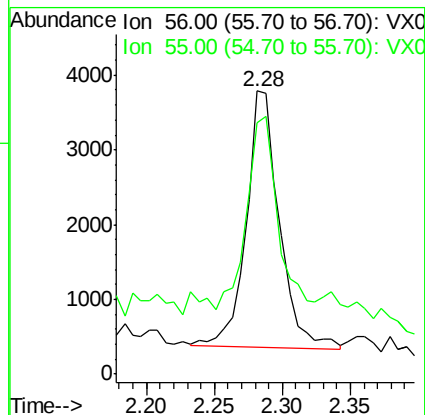
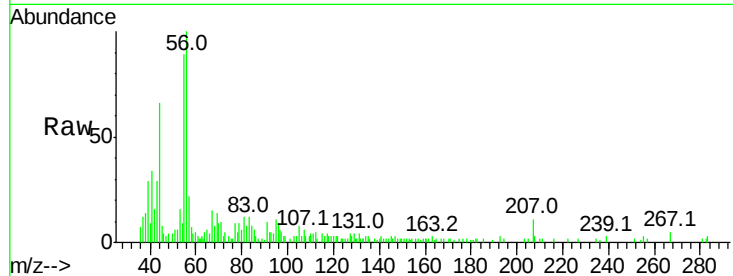
VSTDIC010

Tgt Ion: 56 Resp: 5880

Ion Ratio Lower Upper

56 100

55 70.7 60.2 90.4



#14

Allyl chloride

Concen: 8.023 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.00 min

Lab File: VX011869.D

Acq: 28 Aug 2019 11:09

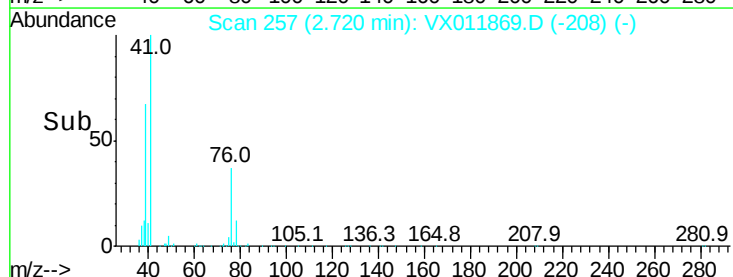
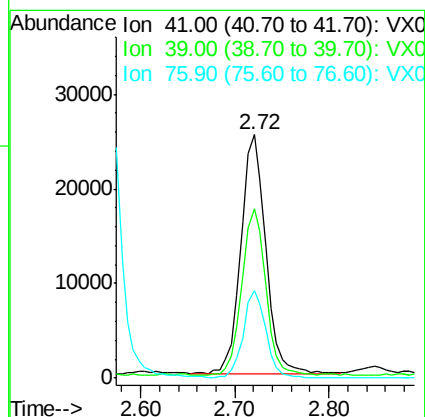
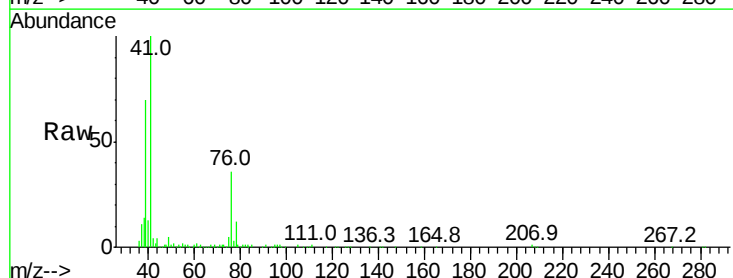
Tgt Ion: 41 Resp: 46831

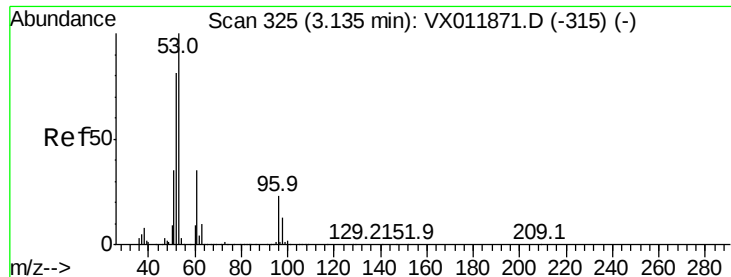
Ion Ratio Lower Upper

41 100

39 66.2 54.6 82.0

76 32.9 27.1 40.7





#15

Acrylonitrile

Concen: 21.140 ug/l

RT: 3.13 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX011869.D

Acq: 28 Aug 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

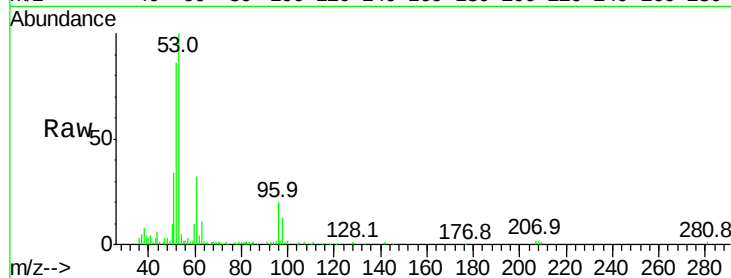
Tgt Ion: 53 Resp: 32437

Ion Ratio Lower Upper

53 100

52 86.5 65.3 97.9

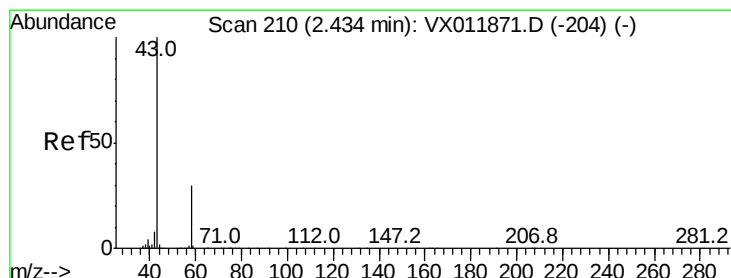
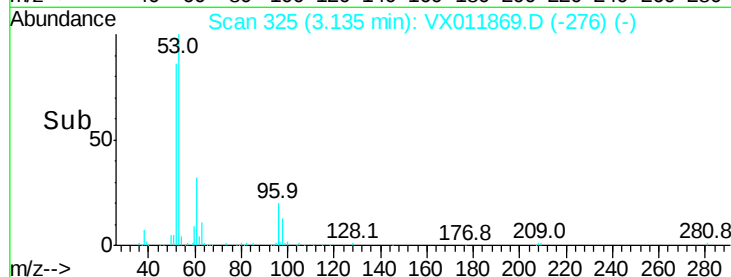
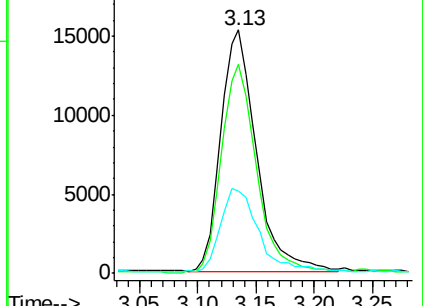
51 37.4 29.1 43.7



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 40.463 ug/l

RT: 2.43 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX011869.D

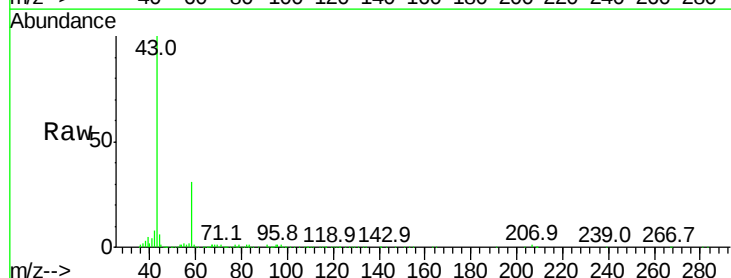
Acq: 28 Aug 2019 11:09

Tgt Ion: 43 Resp: 57588

Ion Ratio Lower Upper

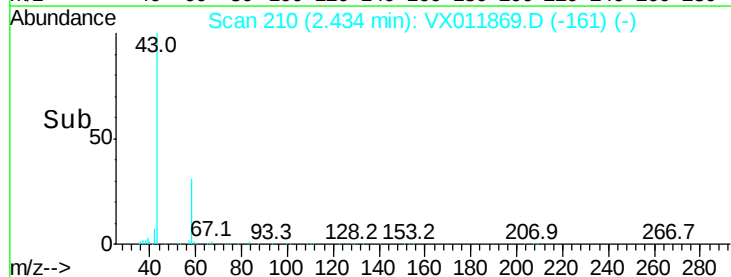
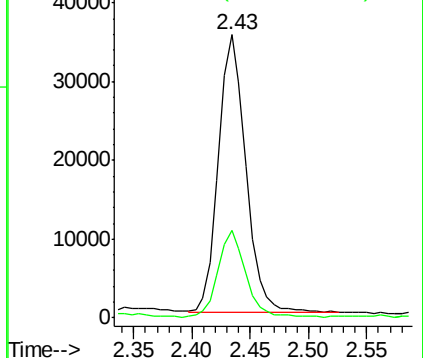
43 100

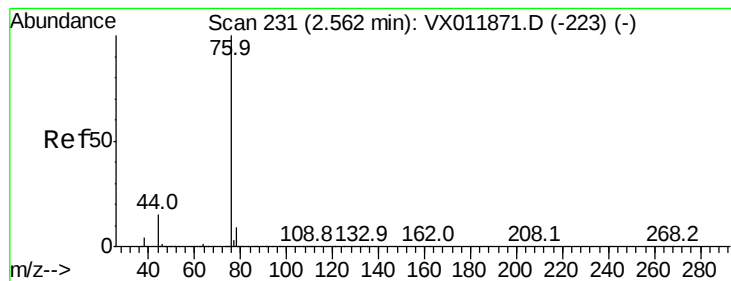
58 30.8 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 7.542 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.00 min

Lab File: VX011869.D

Acq: 28 Aug 2019 11:09

Instrument :

MSVOA_X

ClientSampled :

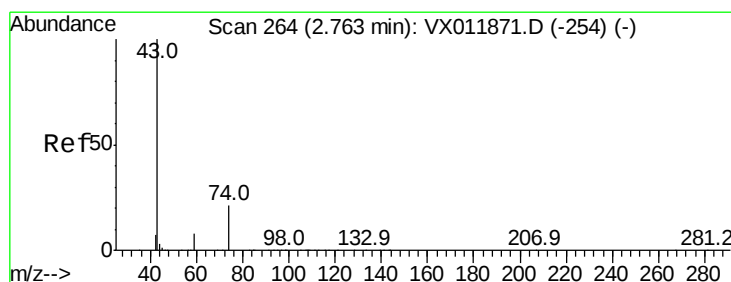
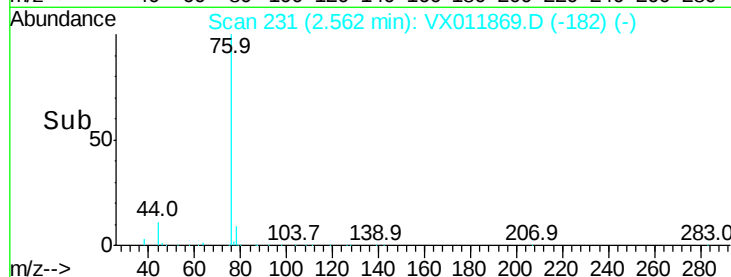
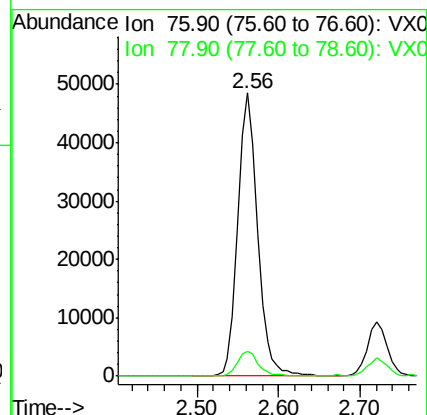
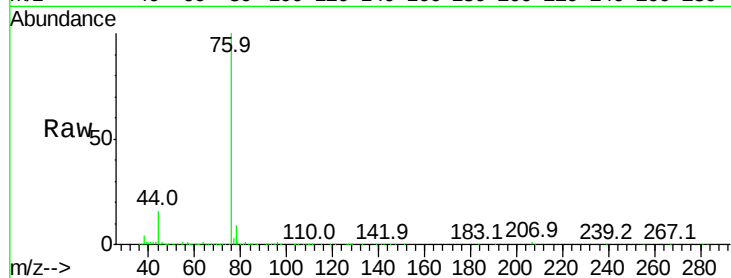
VSTDIC010

Tgt Ion: 76 Resp: 80807

Ion Ratio Lower Upper

76 100

78 8.8 7.4 11.2



#18

Methyl Acetate

Concen: 5.898 ug/l

RT: 2.76 min Scan# 264

Delta R.T. -0.00 min

Lab File: VX011869.D

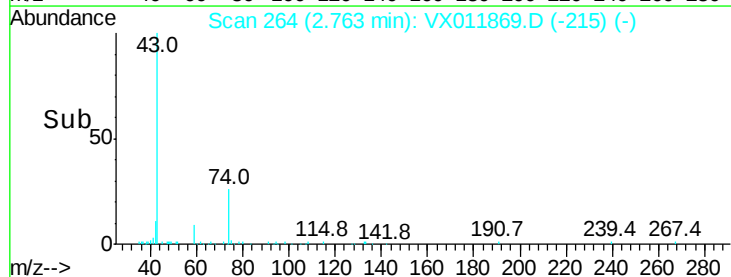
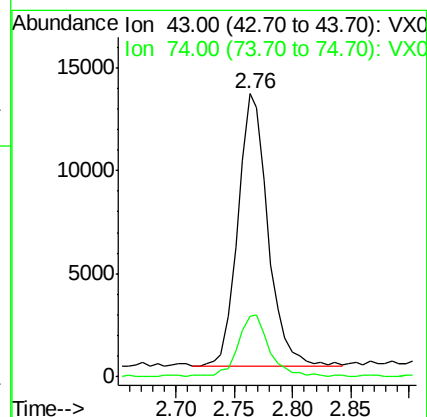
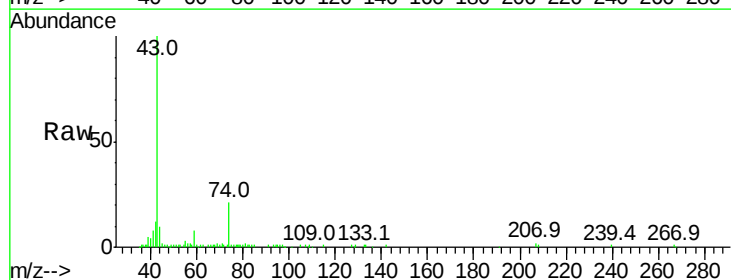
Acq: 28 Aug 2019 11:09

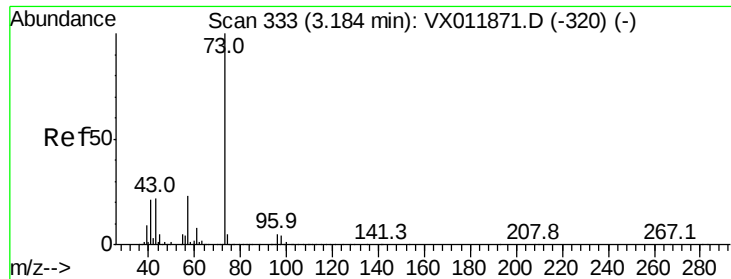
Tgt Ion: 43 Resp: 23588

Ion Ratio Lower Upper

43 100

74 24.7 18.6 28.0

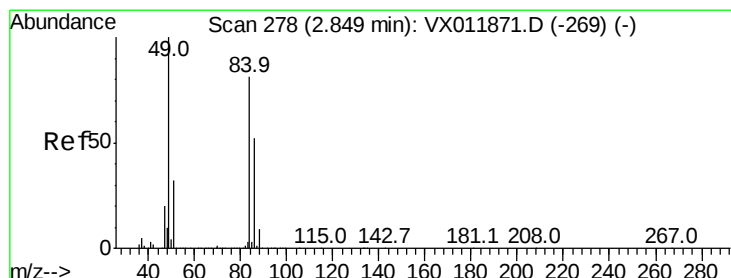
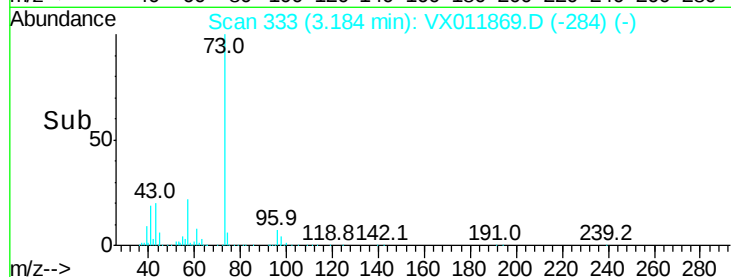
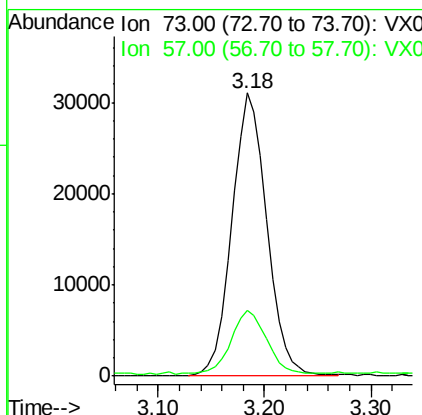
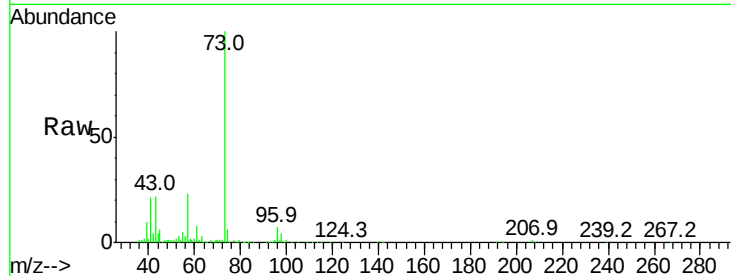




#19
Methyl tert-butyl Ether
Concen: 7.936 ug/l
RT: 3.18 min Scan# 333
Delta R.T. -0.00 min
Lab File: VX011869.D
Acq: 28 Aug 2019 11:09

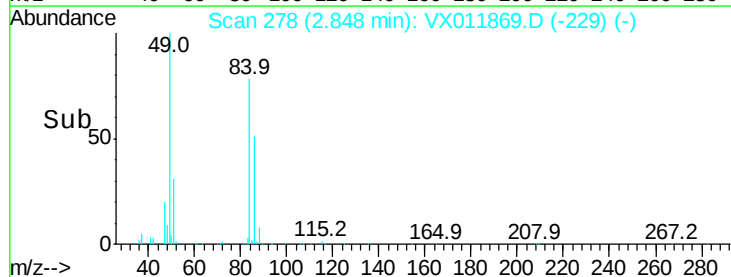
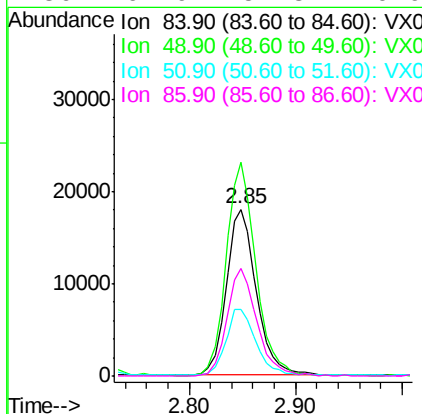
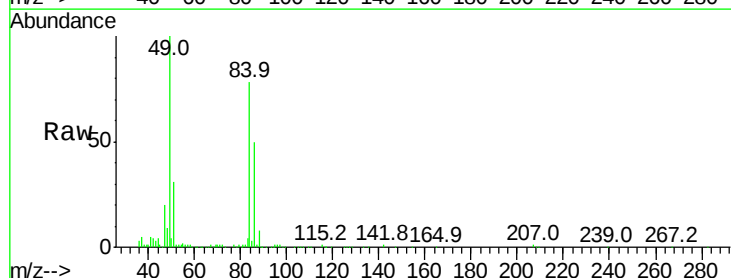
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

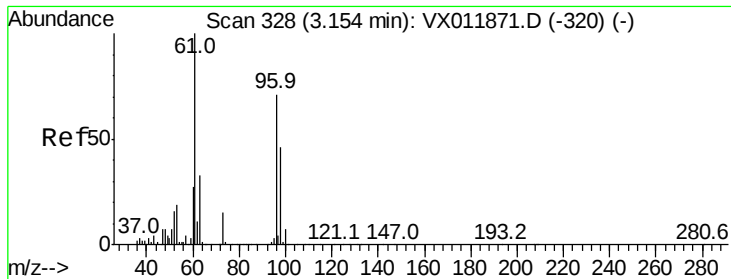
Tgt Ion: 73 Resp: 71133
Ion Ratio Lower Upper
73 100
57 22.5 18.1 27.1



#20
Methylene Chloride
Concen: 8.075 ug/l
RT: 2.85 min Scan# 278
Delta R.T. -0.00 min
Lab File: VX011869.D
Acq: 28 Aug 2019 11:09

Tgt Ion: 84 Resp: 35233
Ion Ratio Lower Upper
84 100
49 128.8 98.9 148.3
51 39.8 31.4 47.2
86 64.9 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 8.494 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX011869.D

Acq: 28 Aug 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

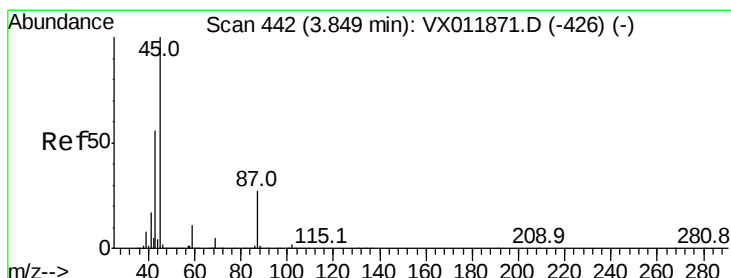
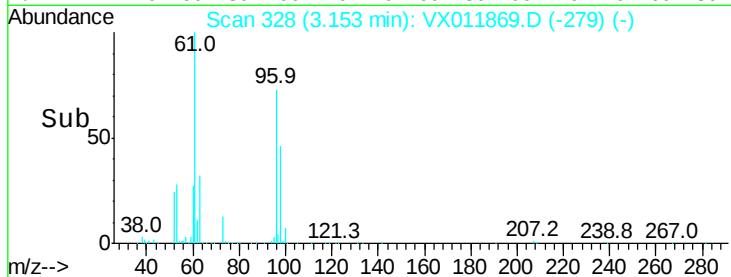
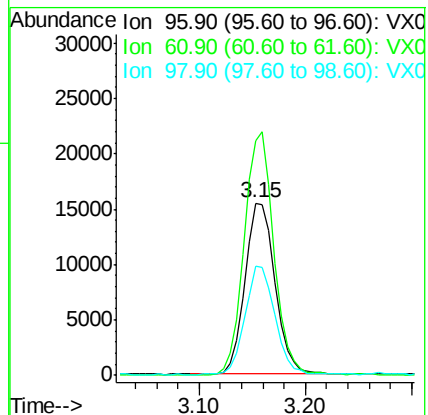
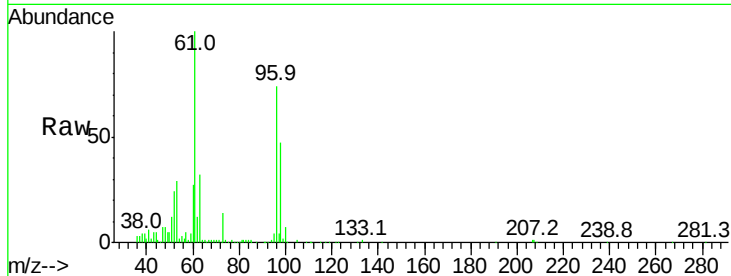
Tgt Ion: 96 Resp: 30646

Ion Ratio Lower Upper

96 100

61 136.5 111.9 167.9

98 63.6 51.7 77.5



#22

Diisopropyl ether

Concen: 8.731 ug/l

RT: 3.84 min Scan# 441

Delta R.T. -0.01 min

Lab File: VX011869.D

Acq: 28 Aug 2019 11:09

Tgt Ion: 45 Resp: 92002

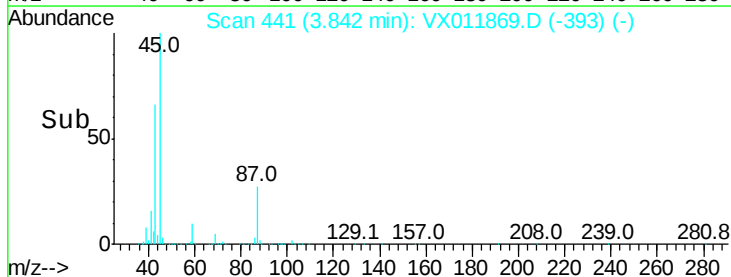
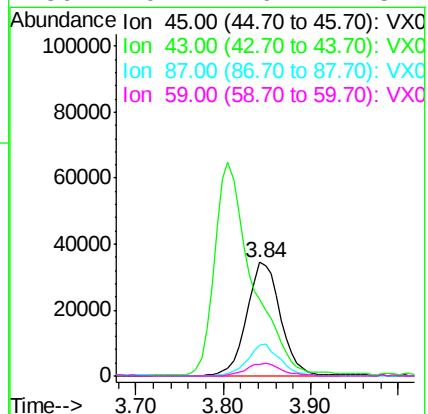
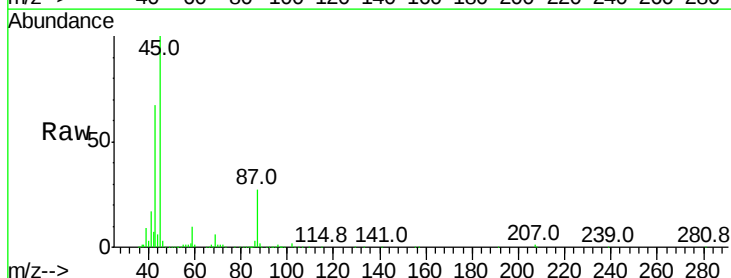
Ion Ratio Lower Upper

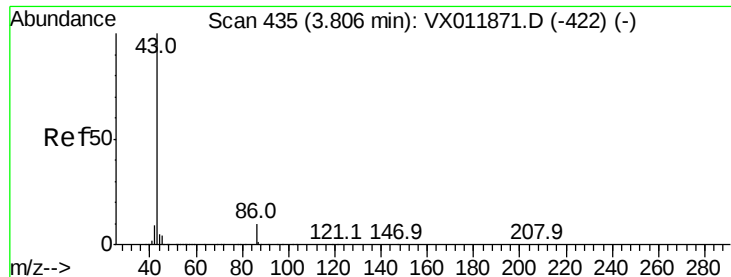
45 100

43 65.6 44.7 67.1

87 26.6 21.5 32.3

59 9.7 9.1 13.7





#23

Vinyl Acetate

Concen: 25.200 ug/l

RT: 3.81 min Scan# 435

Delta R.T. -0.00 min

Lab File: VX011869.D

Acq: 28 Aug 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

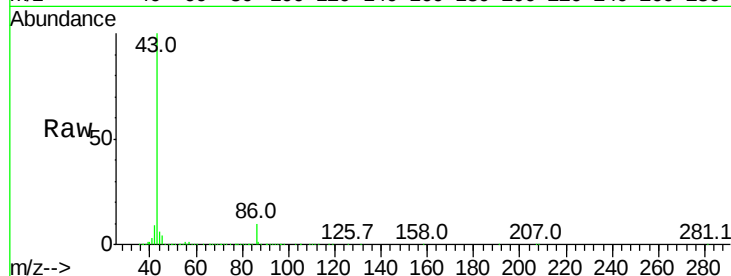
VSTDIC010

Tgt Ion: 43 Resp: 191520

Ion Ratio Lower Upper

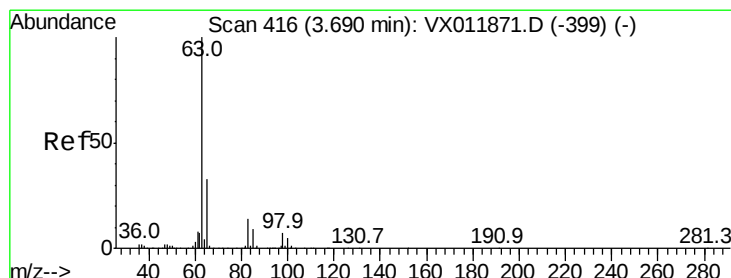
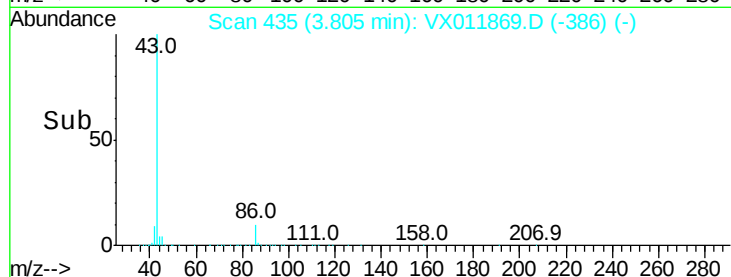
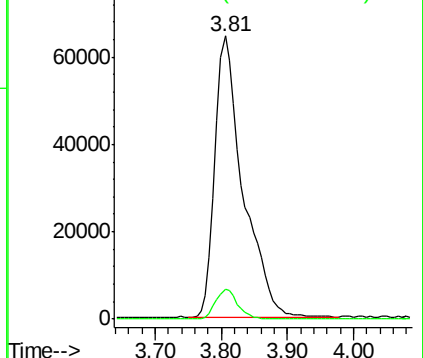
43 100

86 10.5 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 8.850 ug/l

RT: 3.68 min Scan# 415

Delta R.T. -0.01 min

Lab File: VX011869.D

Acq: 28 Aug 2019 11:09

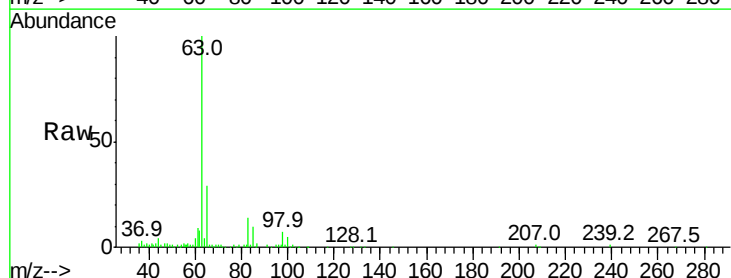
Tgt Ion: 63 Resp: 54389

Ion Ratio Lower Upper

63 100

98 6.6 3.7 11.1

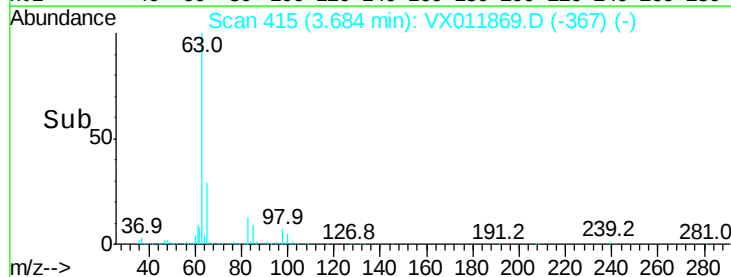
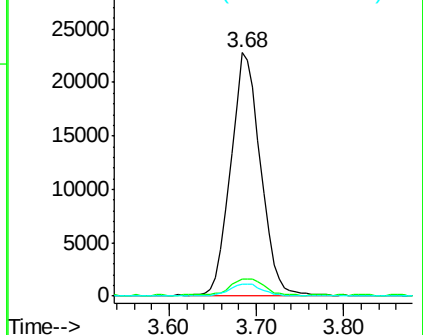
100 4.8 2.5 7.6

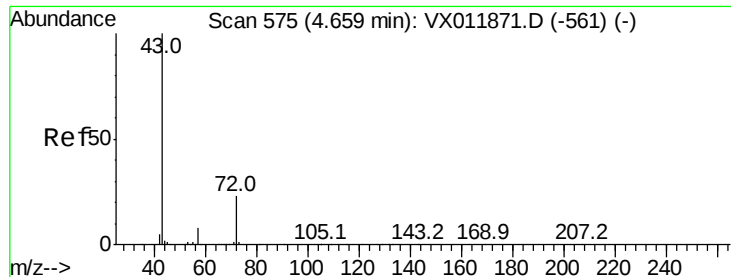


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 20.680 ug/l

RT: 4.67 min Scan# 576

Delta R.T. 0.01 min

Lab File: VX011869.D

Acq: 28 Aug 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

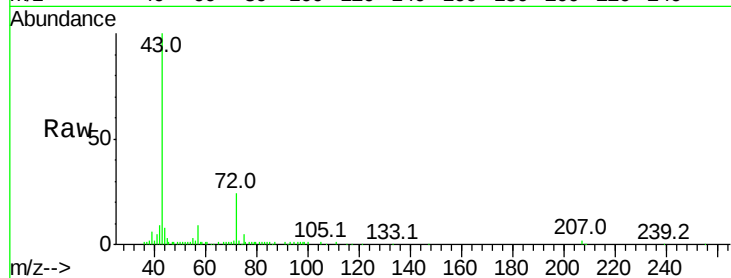
VSTDIC010

Tgt Ion: 43 Resp: 42906

Ion Ratio Lower Upper

43 100

72 24.0 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

15000

10000

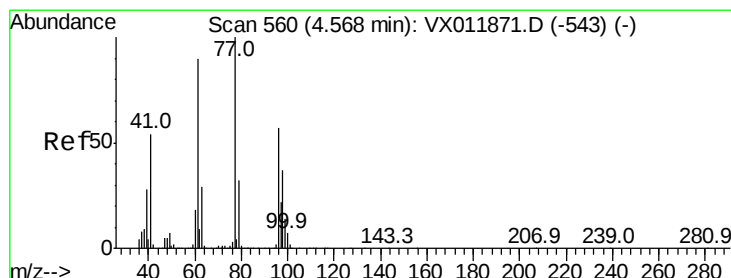
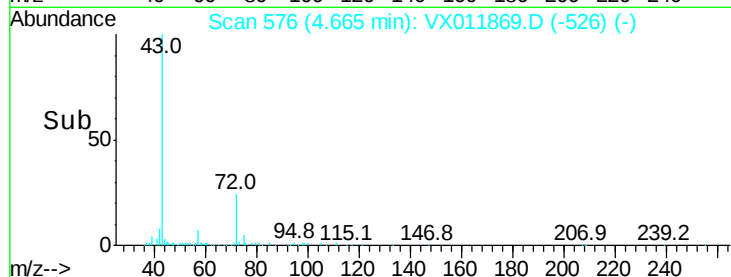
5000

0

4.67

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 9.229 ug/l

RT: 4.57 min Scan# 560

Delta R.T. -0.00 min

Lab File: VX011869.D

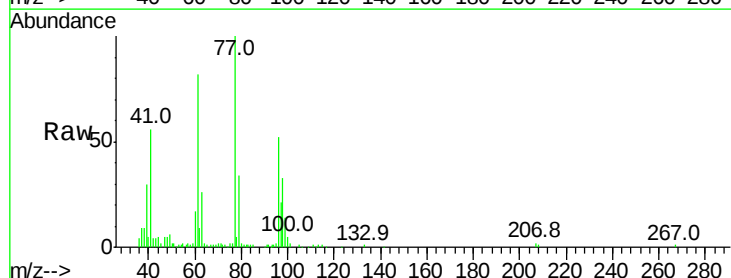
Acq: 28 Aug 2019 11:09

Tgt Ion: 77 Resp: 44670

Ion Ratio Lower Upper

77 100

97 23.3 11.6 34.7



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

15000

10000

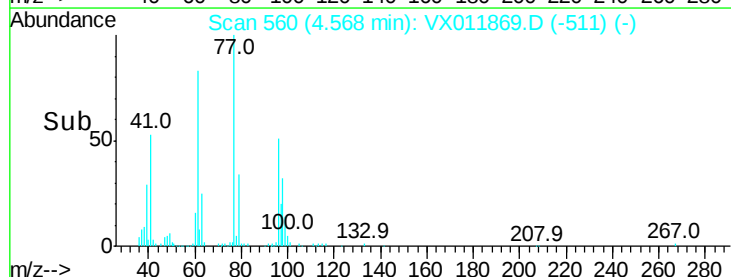
5000

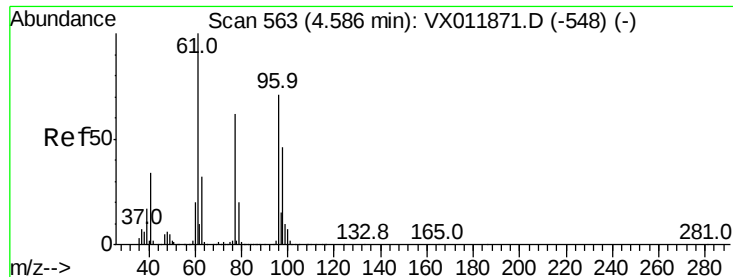
0

4.57

4.40 4.50 4.60 4.70

Time-->





#27

cis-1,2-Dichloroethene

Concen: 8.989 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX011869.D

Acq: 28 Aug 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

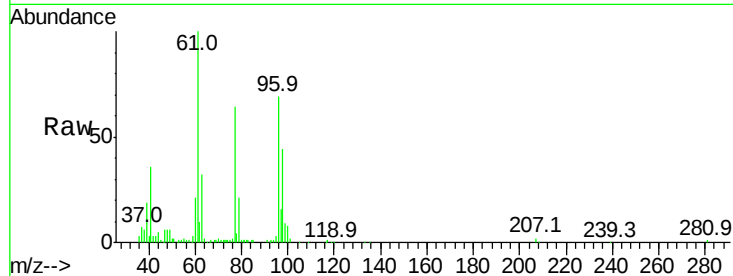
Tgt Ion: 96 Resp: 34951

Ion Ratio Lower Upper

96 100

61 148.2 0.0 288.8

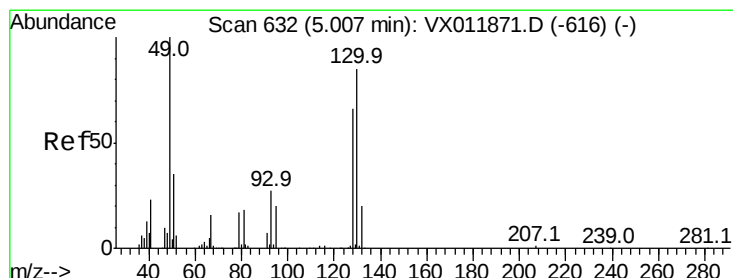
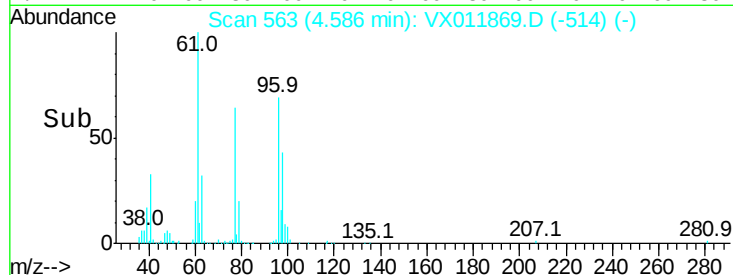
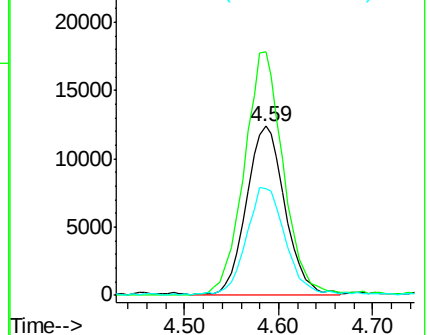
98 65.8 0.0 129.6



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: 8.881 ug/l

RT: 5.01 min Scan# 632

Delta R.T. -0.00 min

Lab File: VX011869.D

Acq: 28 Aug 2019 11:09

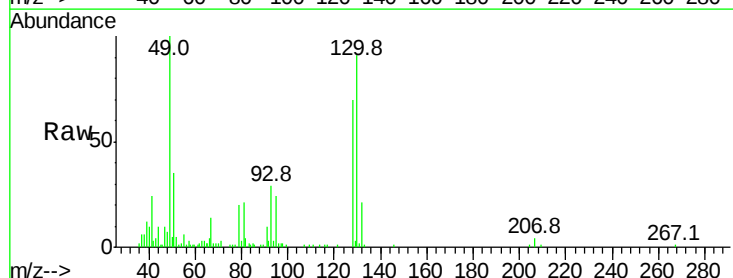
Tgt Ion: 49 Resp: 24480

Ion Ratio Lower Upper

49 100

129 3.5 0.0 4.6

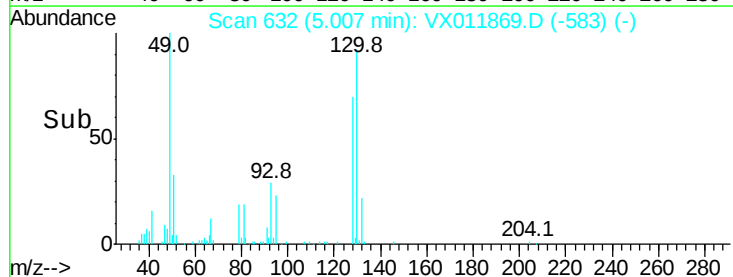
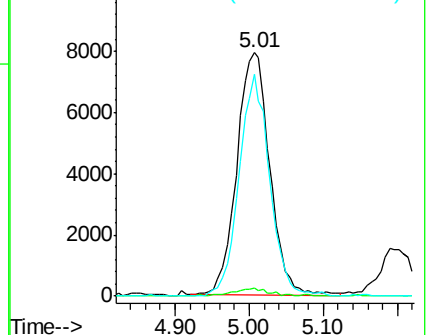
130 84.9 67.3 100.9

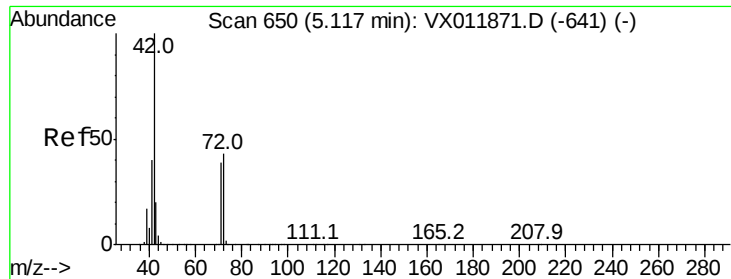


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

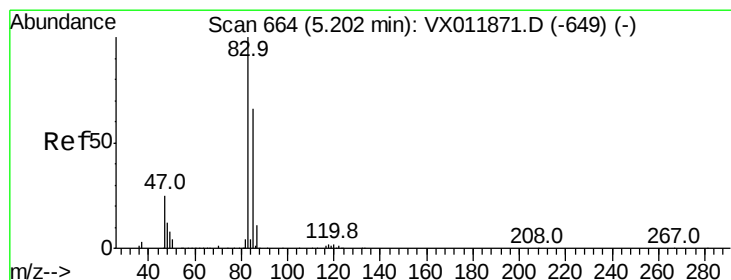
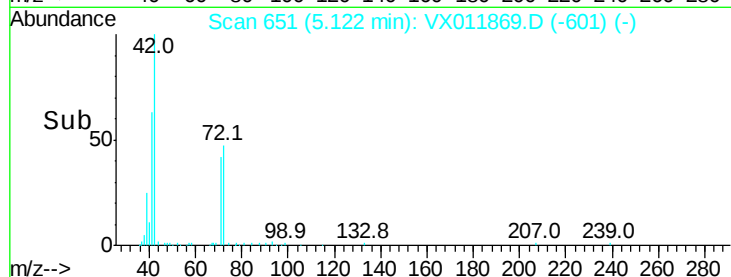
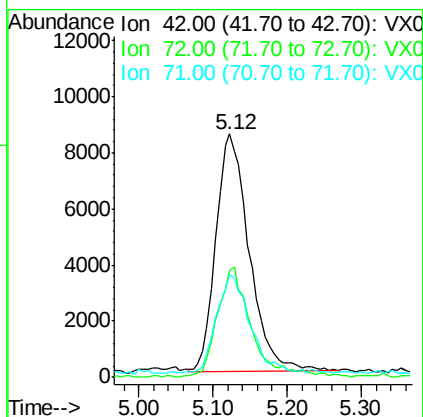
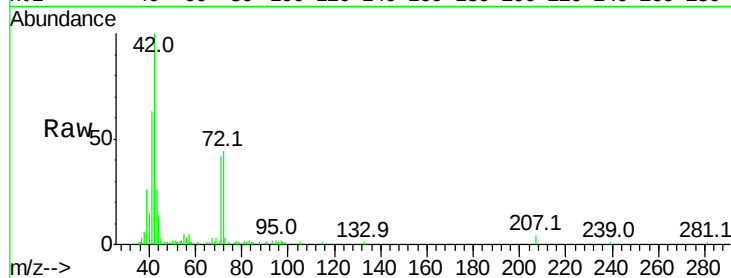




#29
Tetrahydrofuran
Concen: 19.899 ug/l
RT: 5.12 min Scan# 651
Delta R.T. 0.01 min
Lab File: VX011869.D
Acq: 28 Aug 2019 11:09

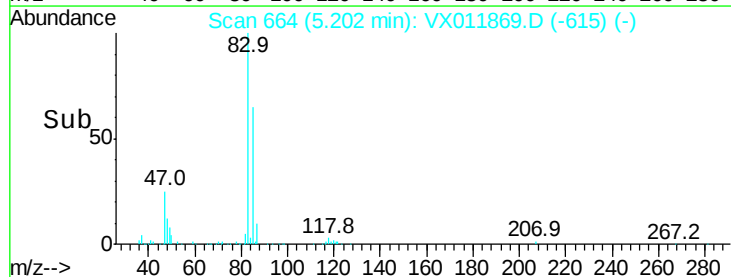
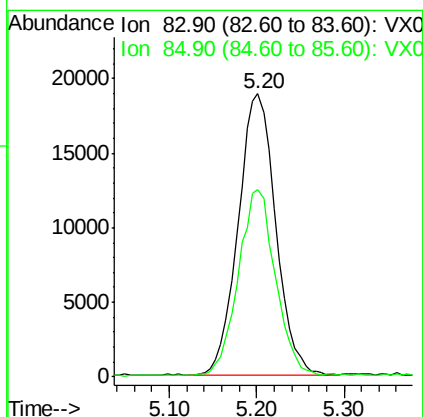
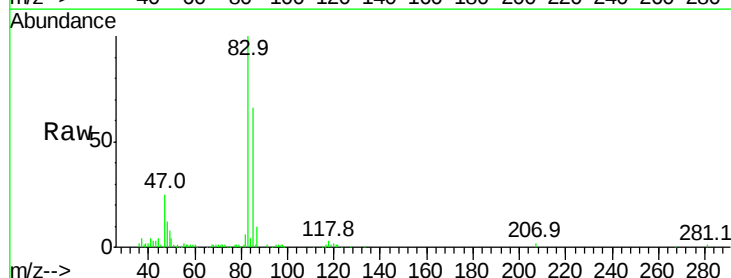
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

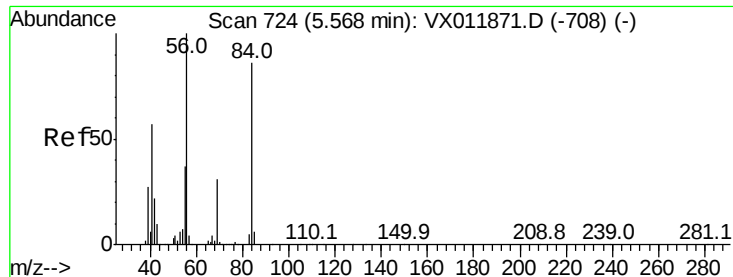
Tgt Ion: 42 Resp: 26310
Ion Ratio Lower Upper
42 100
72 46.9 35.4 53.2
71 40.5 32.6 48.8



#30
Chloroform
Concen: 9.272 ug/l
RT: 5.20 min Scan# 664
Delta R.T. -0.00 min
Lab File: VX011869.D
Acq: 28 Aug 2019 11:09

Tgt Ion: 83 Resp: 56144
Ion Ratio Lower Upper
83 100
85 66.3 52.5 78.7

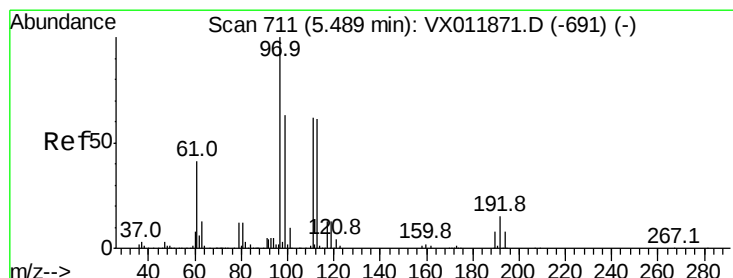
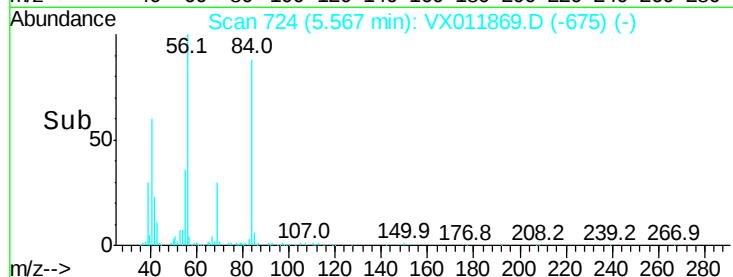
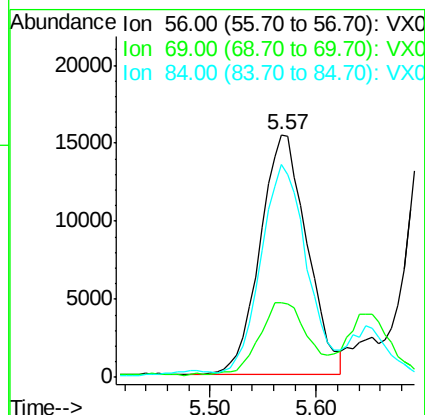
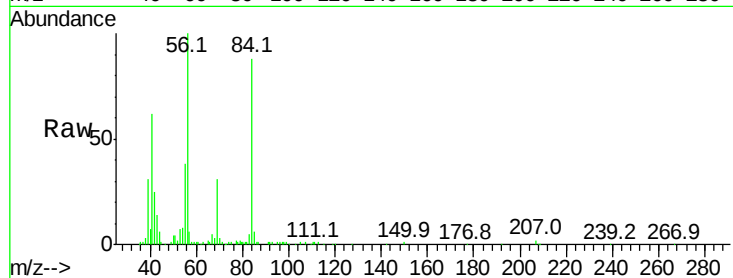




#31
Cyclohexane
Concen: 7.957 ug/l
RT: 5.57 min Scan# 724
Delta R.T. -0.00 min
Lab File: VX011869.D
Acq: 28 Aug 2019 11:09

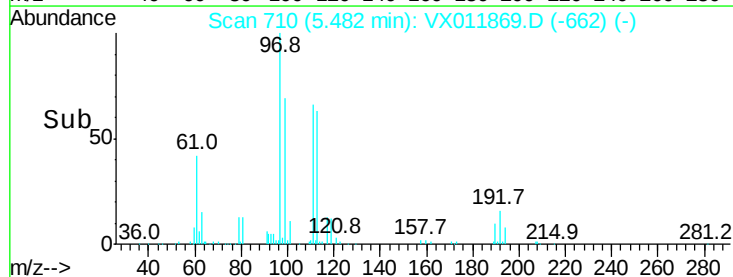
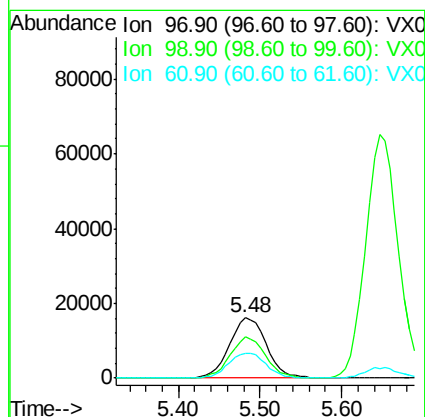
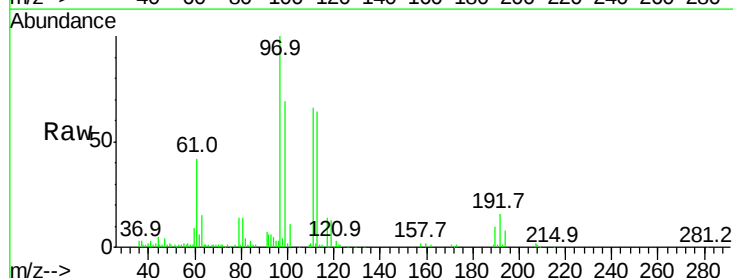
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

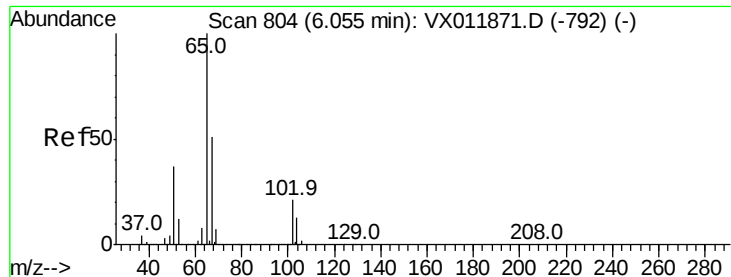
Tgt Ion: 56 Resp: 47234
Ion Ratio Lower Upper
56 100
69 30.1 25.0 37.4
84 85.9 68.6 103.0



#32
1,1,1-Trichloroethane
Concen: 9.508 ug/l
RT: 5.48 min Scan# 710
Delta R.T. -0.01 min
Lab File: VX011869.D
Acq: 28 Aug 2019 11:09

Tgt Ion: 97 Resp: 49483
Ion Ratio Lower Upper
97 100
99 66.6 51.1 76.7
61 42.4 33.4 50.2





#33

1,2-Dichloroethane-d4

Concen: 8.651 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX011869.D

Acq: 28 Aug 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

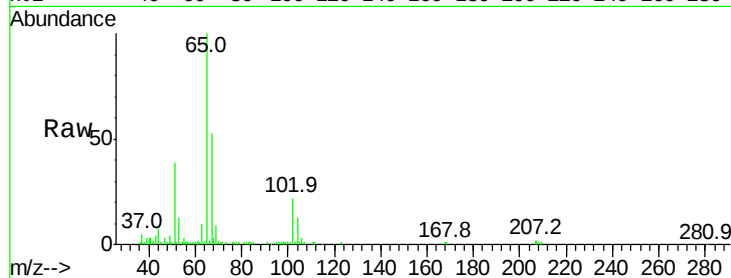
VSTDIC010

Tgt Ion: 65 Resp: 32235

Ion Ratio Lower Upper

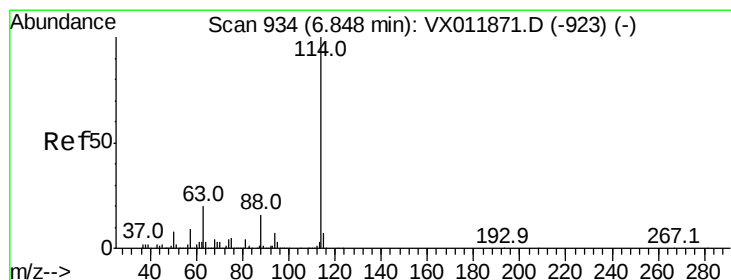
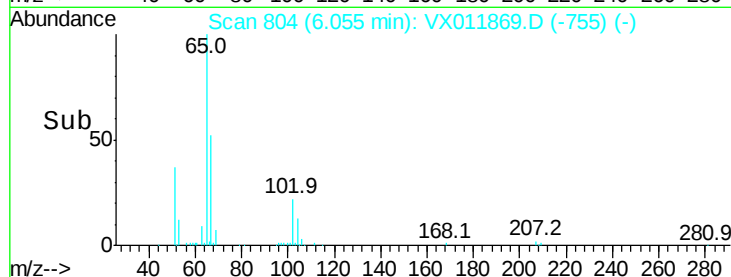
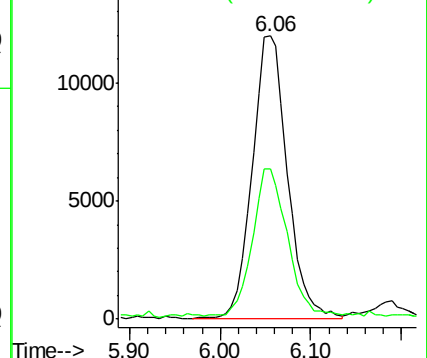
65 100

67 51.1 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 934

Delta R.T. -0.00 min

Lab File: VX011869.D

Acq: 28 Aug 2019 11:09

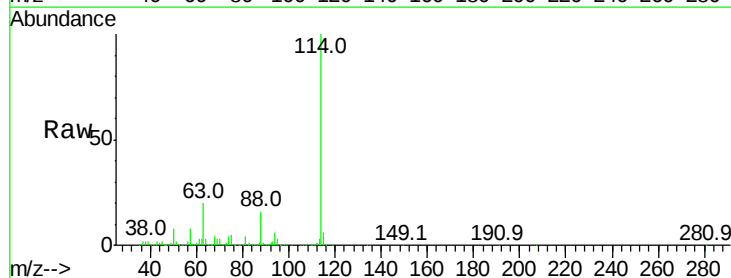
Tgt Ion: 114 Resp: 506920

Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.8

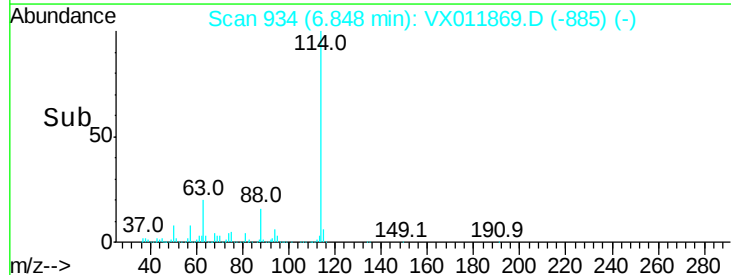
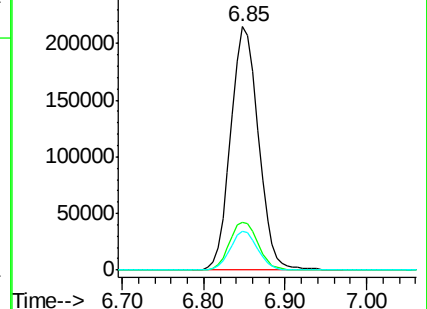
88 15.9 0.0 31.6

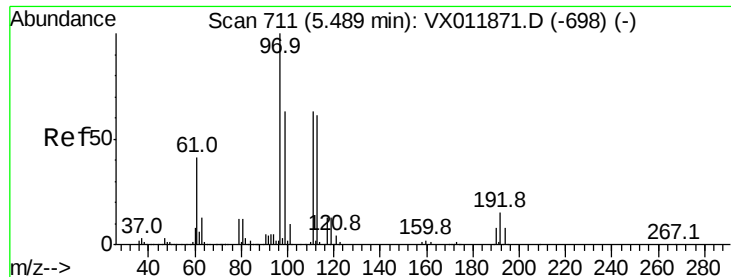


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 10.875 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.00 min

Lab File: VX011869.D

Acq: 28 Aug 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

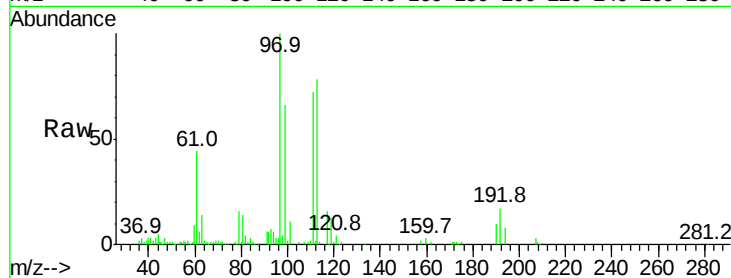
Tgt Ion:113 Resp: 32460

Ion Ratio Lower Upper

113 100

111 103.3 80.9 121.3

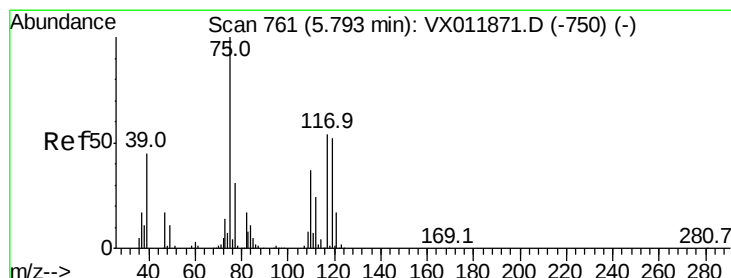
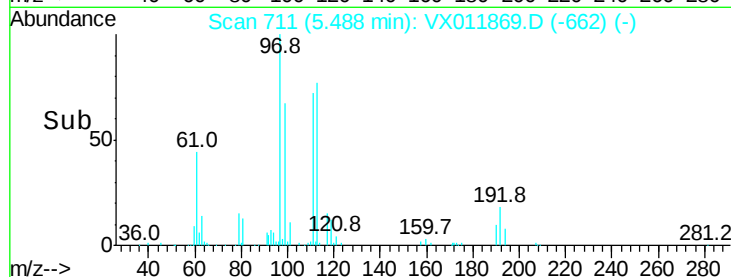
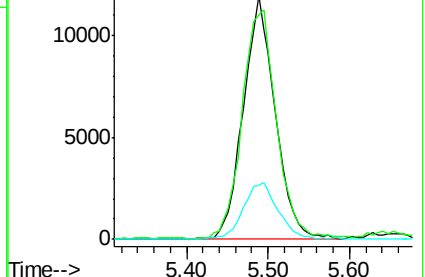
192 25.4 20.6 30.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 8.664 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.00 min

Lab File: VX011869.D

Acq: 28 Aug 2019 11:09

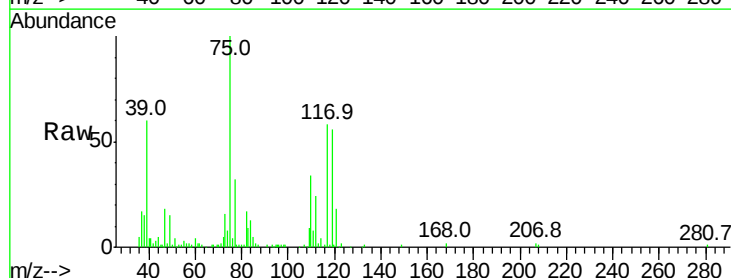
Tgt Ion: 75 Resp: 41131

Ion Ratio Lower Upper

75 100

110 38.0 18.5 55.5

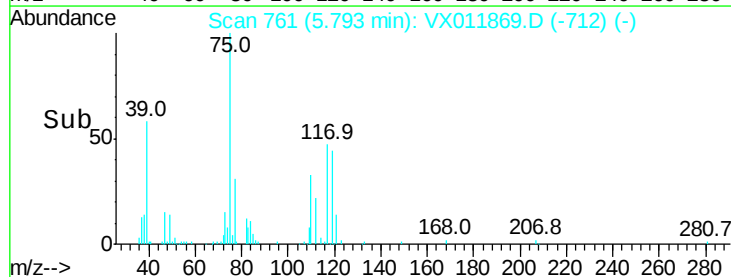
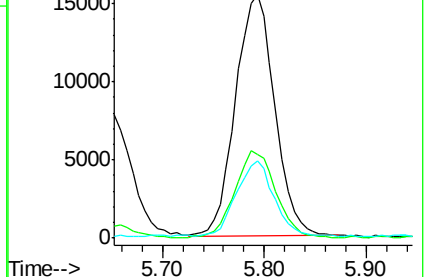
77 30.1 24.7 37.1

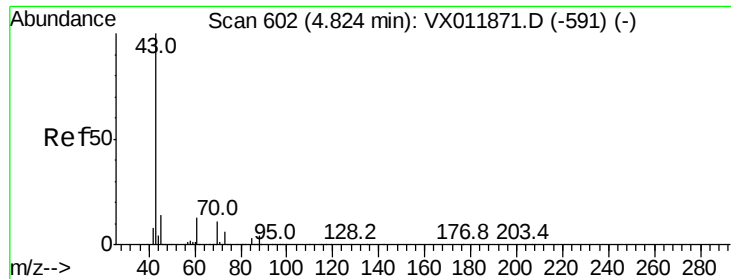


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 4.188 ug/l

RT: 4.82 min Scan# 602

Delta R.T. -0.00 min

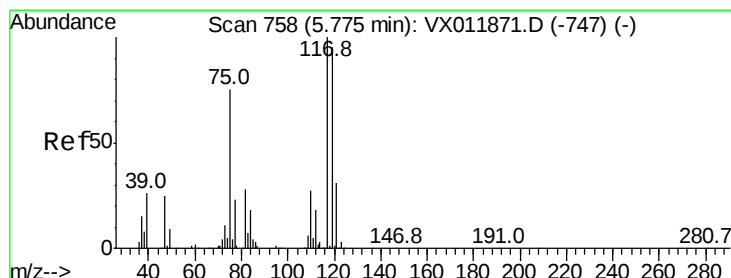
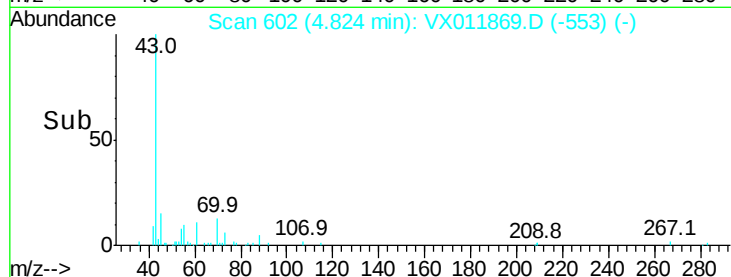
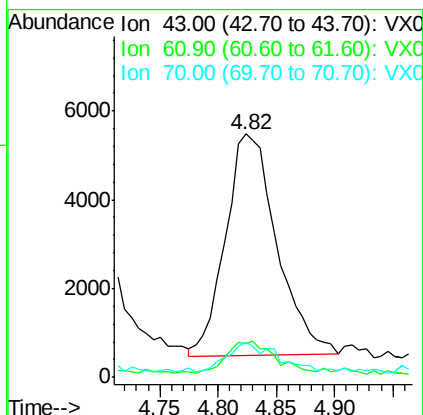
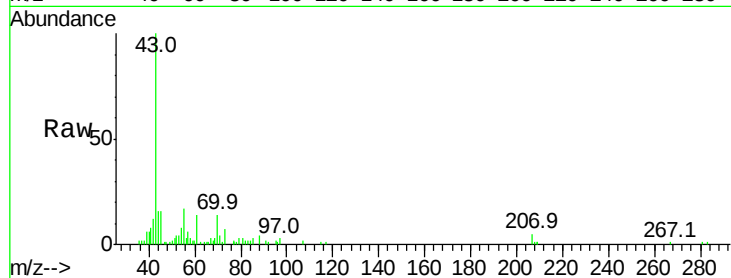
Lab File: VX011869.D

Acq: 28 Aug 2019 11:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 15271

Ion	Ratio	Lower	Upper
43	100		
61	13.1	10.5	15.7
70	12.9	8.9	13.3



#38

Carbon Tetrachloride

Concen: 8.984 ug/l

RT: 5.77 min Scan# 758

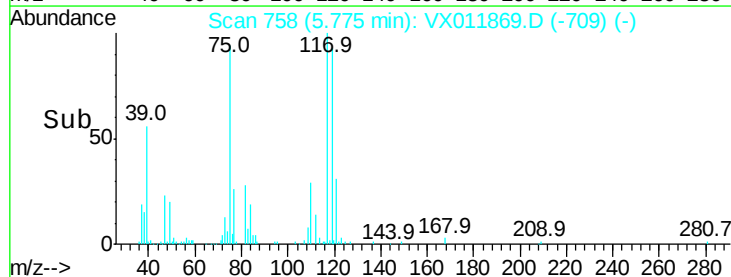
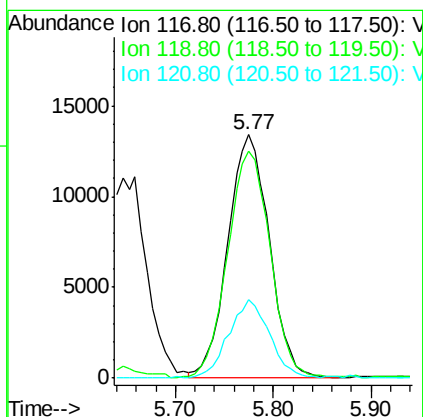
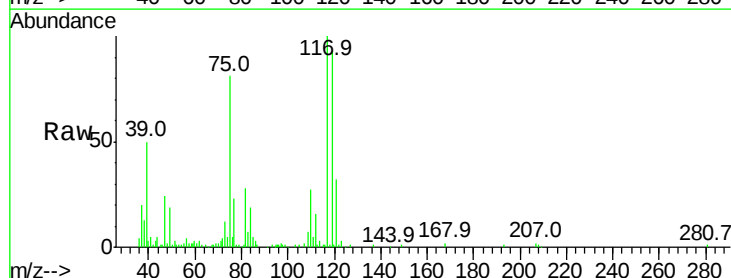
Delta R.T. -0.00 min

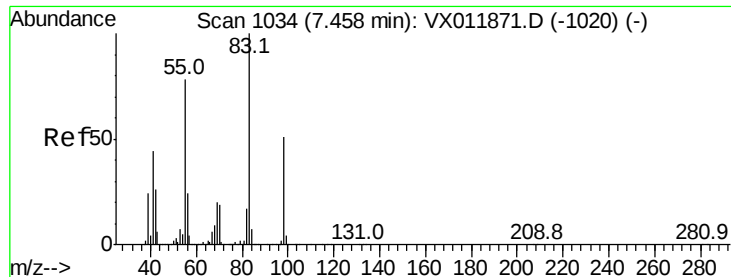
Lab File: VX011869.D

Acq: 28 Aug 2019 11:09

Tgt Ion: 117 Resp: 39451

Ion	Ratio	Lower	Upper
117	100		
119	92.7	75.7	113.5
121	31.8	25.1	37.7

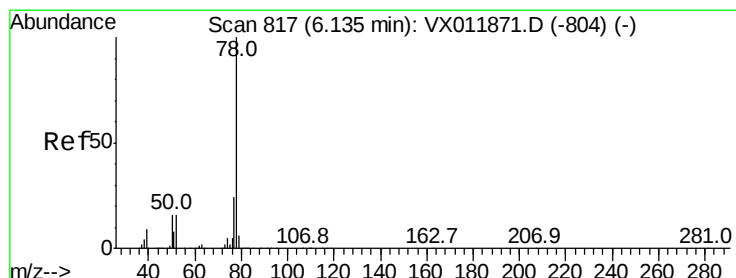
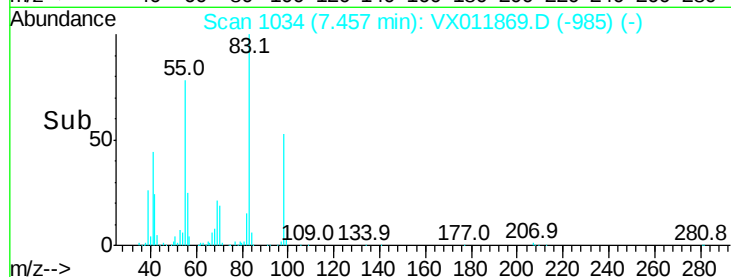
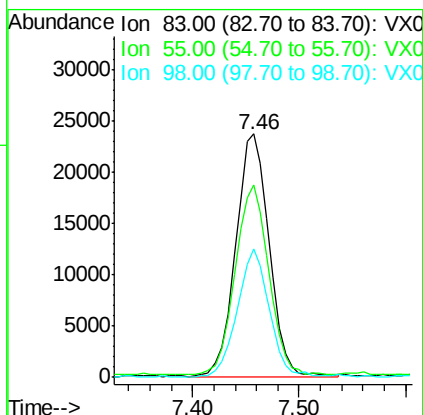
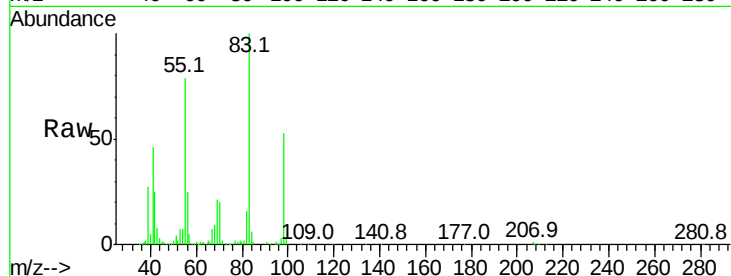




#39
Methylcyclohexane
Concen: 8.859 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX011869.D
Acq: 28 Aug 2019 11:09

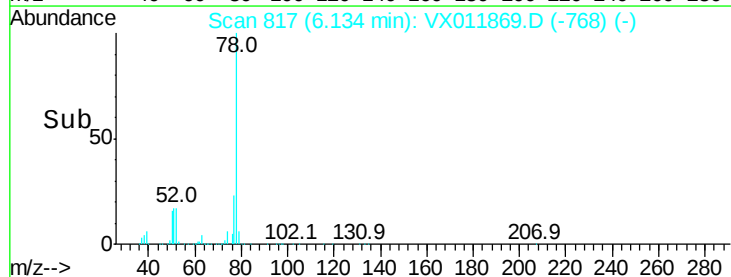
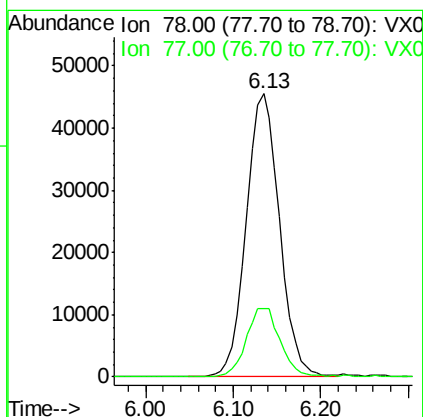
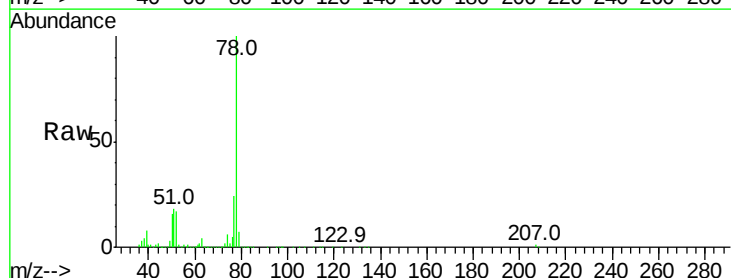
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

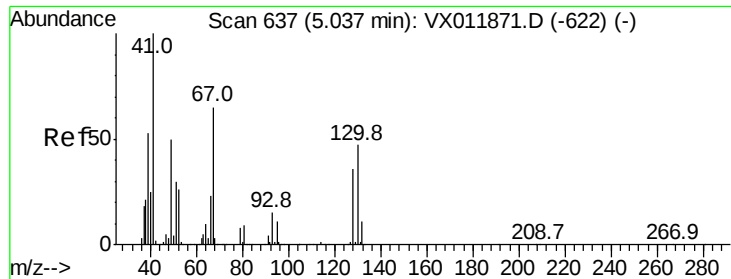
Tgt Ion: 83 Resp: 51635
Ion Ratio Lower Upper
83 100
55 78.0 62.1 93.1
98 52.5 40.6 61.0



#40
Benzene
Concen: 8.821 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.00 min
Lab File: VX011869.D
Acq: 28 Aug 2019 11:09

Tgt Ion: 78 Resp: 119996
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.4





#41

Methacrylonitrile

Concen: 5.423 ug/l

RT: 5.04 min Scan# 637

Delta R.T. -0.00 min

Lab File: VX011869.D

Acq: 28 Aug 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

Tgt Ion: 41 Resp: 11147

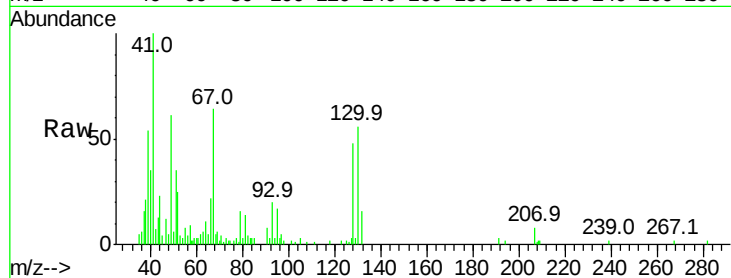
Ion Ratio Lower Upper

41 100

39 57.9 44.5 66.7

67 68.1 55.0 82.4

52 29.0 23.3 34.9

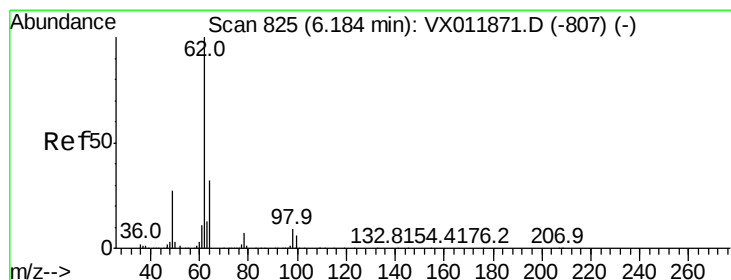
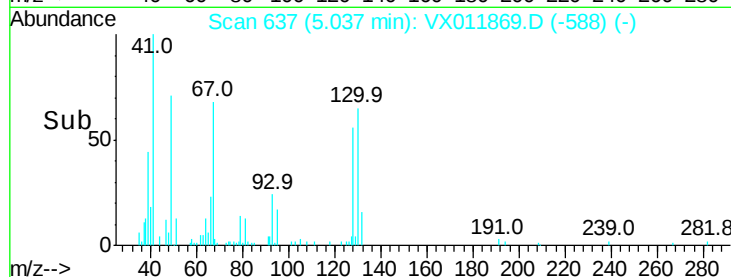
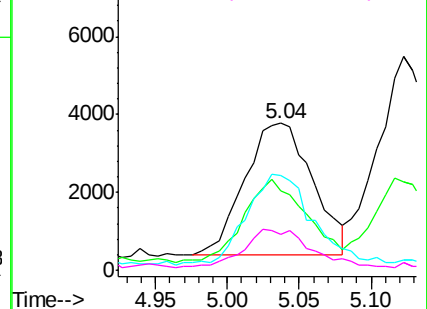


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 9.116 ug/l

RT: 6.18 min Scan# 825

Delta R.T. -0.00 min

Lab File: VX011869.D

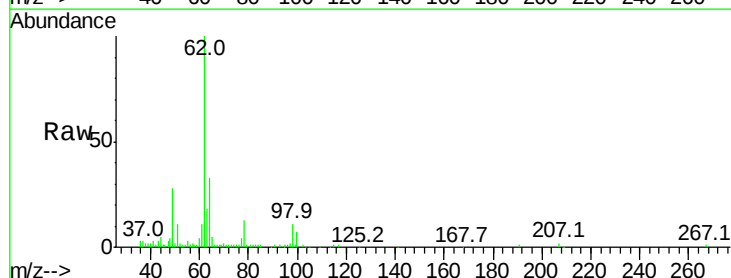
Acq: 28 Aug 2019 11:09

Tgt Ion: 62 Resp: 37458

Ion Ratio Lower Upper

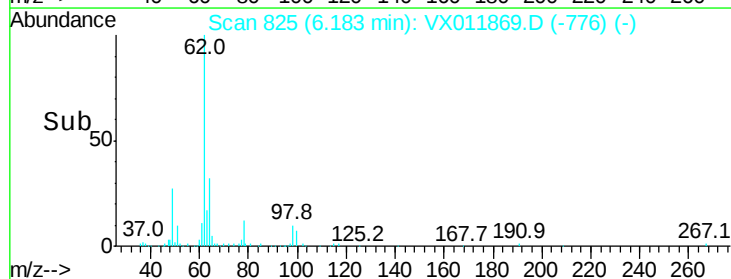
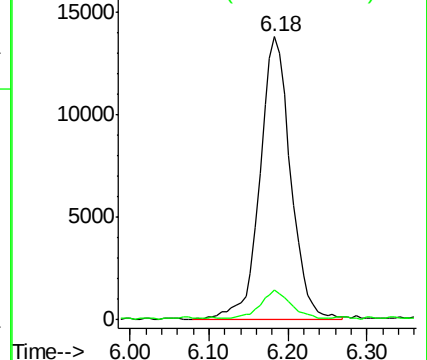
62 100

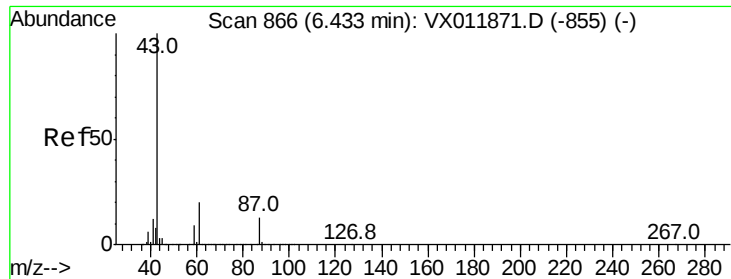
98 9.5 0.0 19.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 5.570 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.01 min

Lab File: VX011869.D

Acq: 28 Aug 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

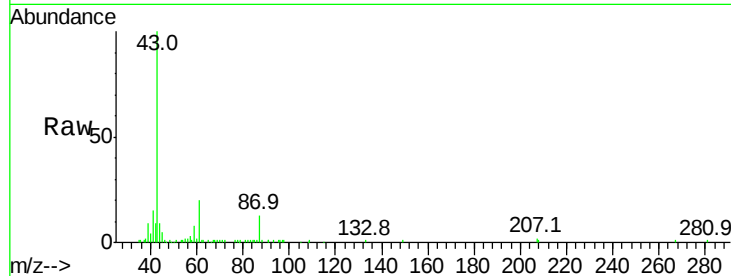
Tgt Ion: 43 Resp: 32363

Ion Ratio Lower Upper

43 100

61 19.2 15.6 23.4

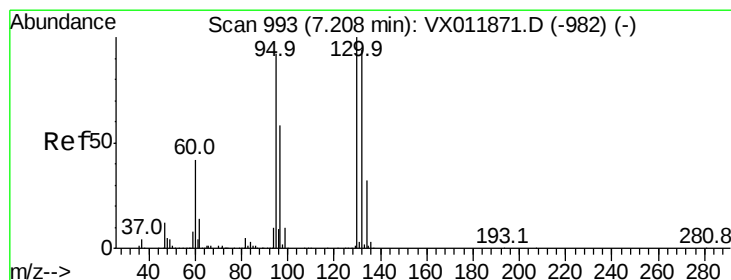
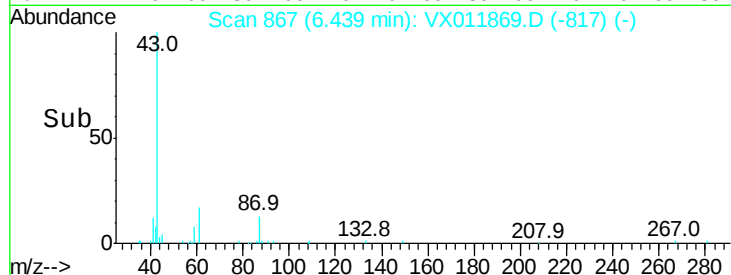
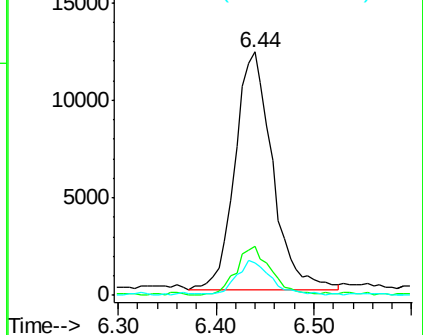
87 13.7 10.6 15.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 10.441 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.00 min

Lab File: VX011869.D

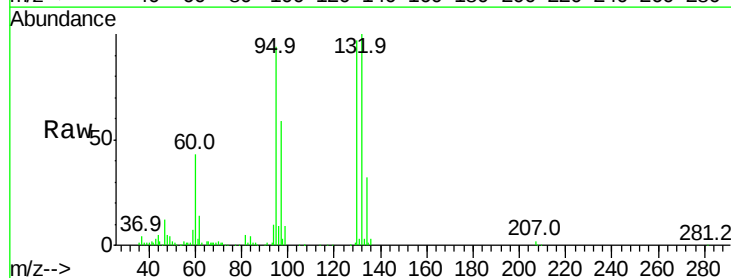
Acq: 28 Aug 2019 11:09

Tgt Ion: 130 Resp: 40518

Ion Ratio Lower Upper

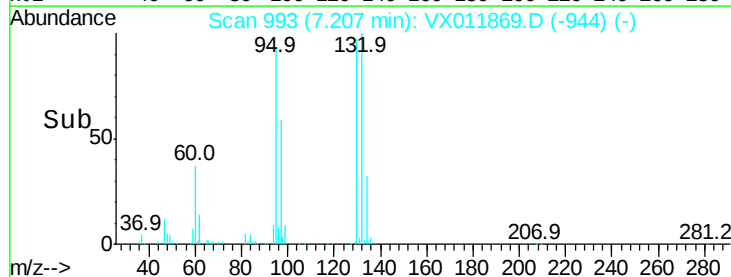
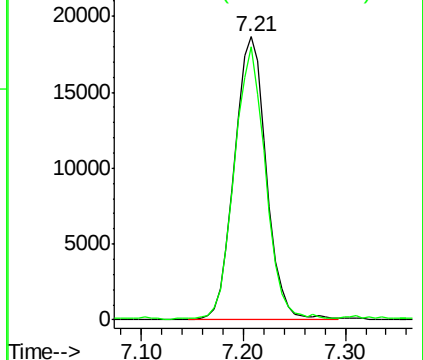
130 100

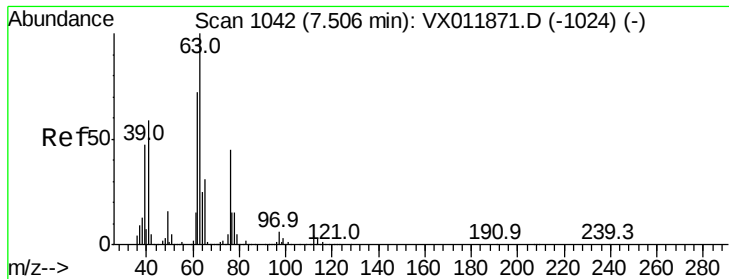
95 95.9 0.0 184.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 9.017 ug/l

RT: 7.51 min Scan# 1042

Delta R.T. -0.00 min

Lab File: VX011869.D

Acq: 28 Aug 2019 11:09

Instrument :

MSVOA_X

ClientSampled :

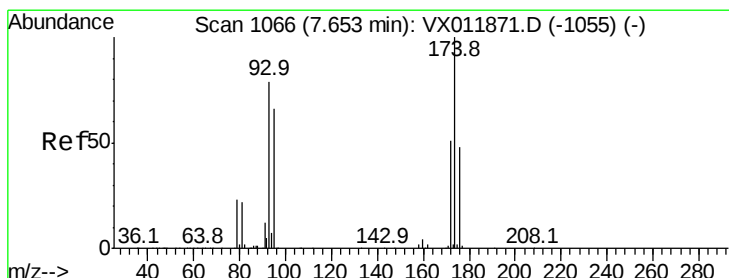
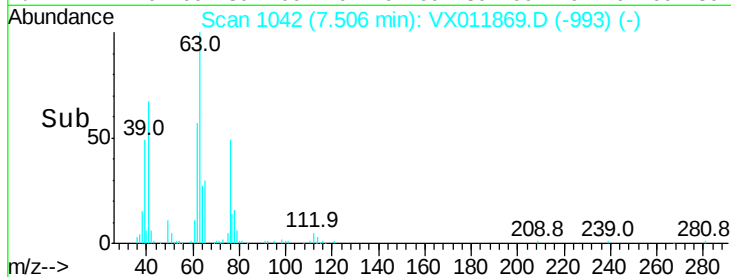
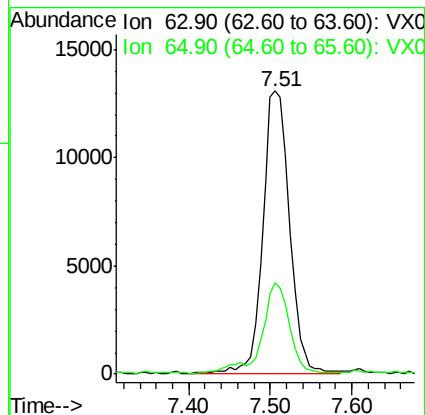
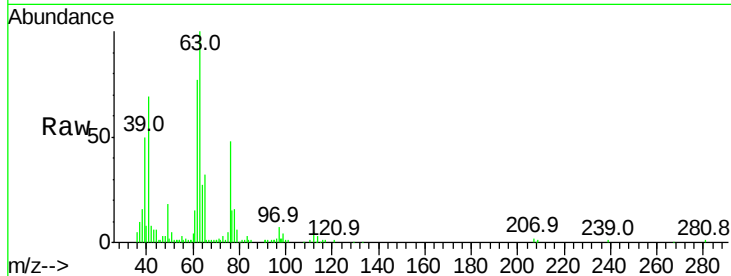
VSTDIC010

Tgt Ion: 63 Resp: 30167

Ion Ratio Lower Upper

63 100

65 32.1 24.5 36.7



#46

Dibromomethane

Concen: 9.001 ug/l

RT: 7.65 min Scan# 1066

Delta R.T. -0.00 min

Lab File: VX011869.D

Acq: 28 Aug 2019 11:09

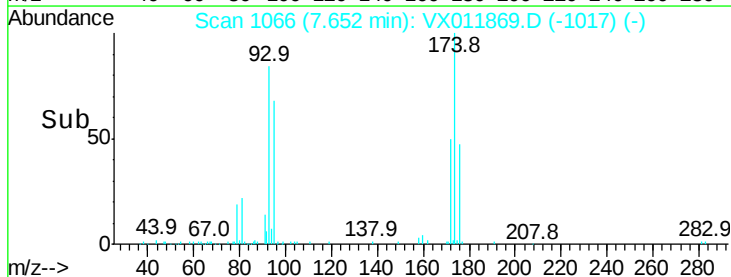
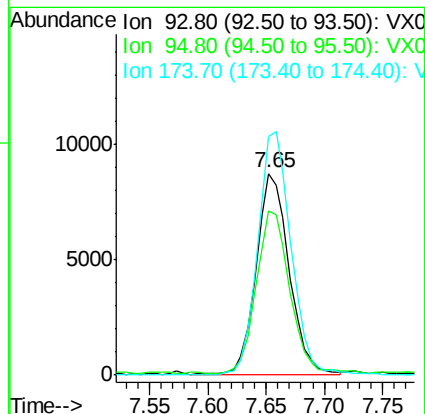
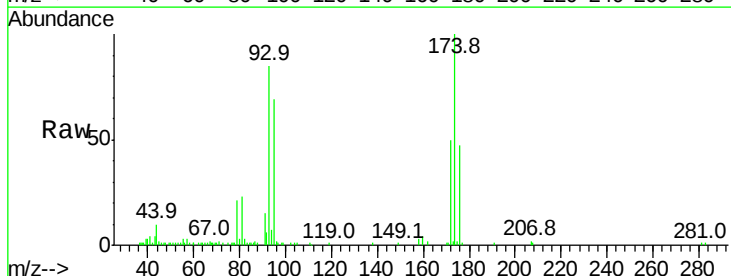
Tgt Ion: 93 Resp: 17353

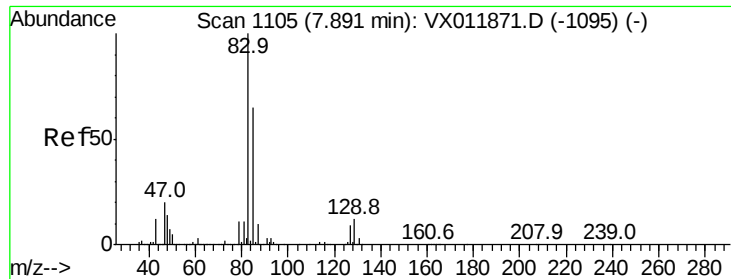
Ion Ratio Lower Upper

93 100

95 80.5 65.8 98.8

174 120.8 100.2 150.4





#47

Bromodichloromethane

Concen: 10.561 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.00 min

Lab File: VX011869.D

Acq: 28 Aug 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

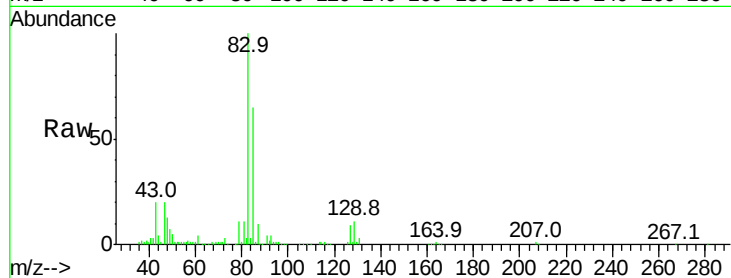
Tgt Ion: 83 Resp: 40573

Ion Ratio Lower Upper

83 100

85 65.2 51.8 77.8

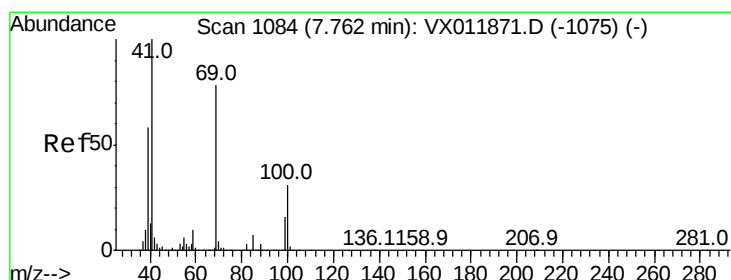
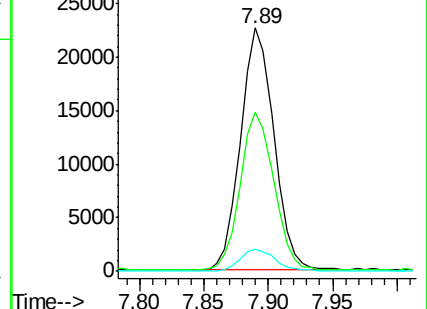
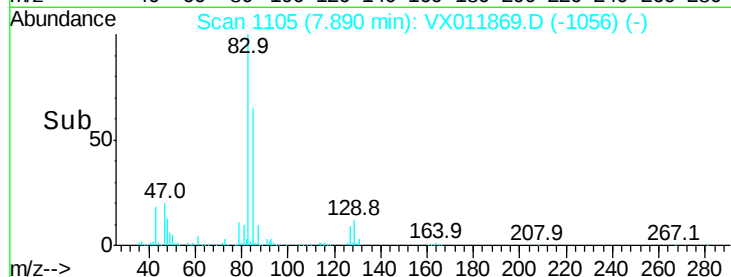
127 9.4 7.4 11.2



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: 5.537 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.01 min

Lab File: VX011869.D

Acq: 28 Aug 2019 11:09

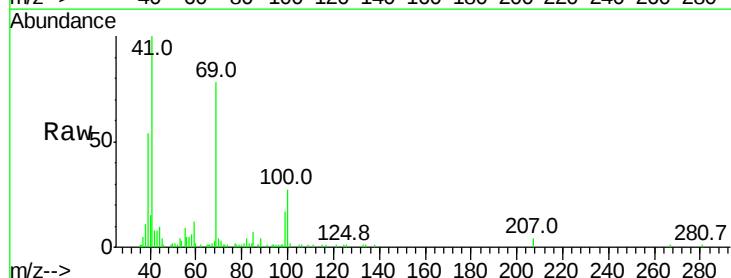
Tgt Ion: 41 Resp: 16136

Ion Ratio Lower Upper

41 100

69 76.2 63.0 94.4

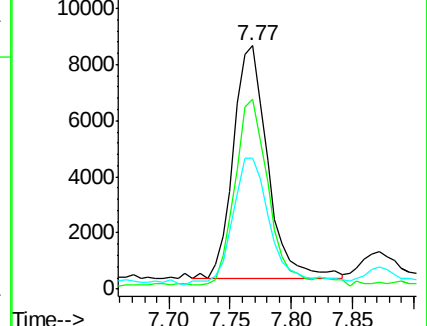
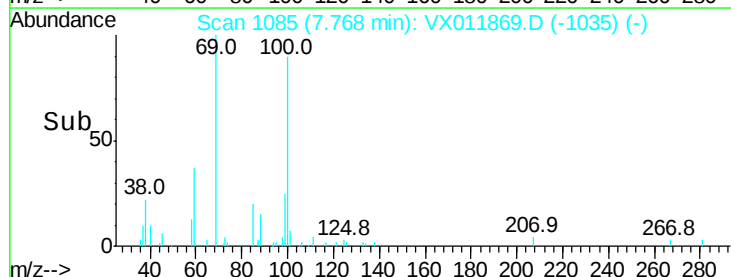
39 58.8 46.1 69.1

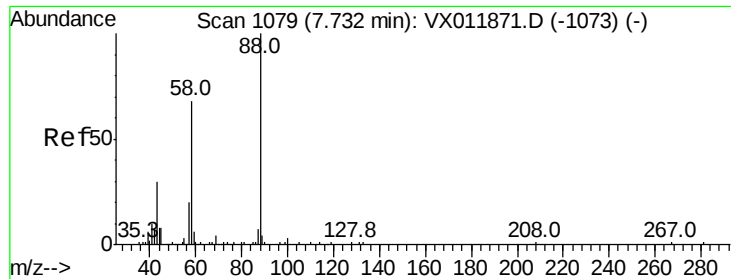


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

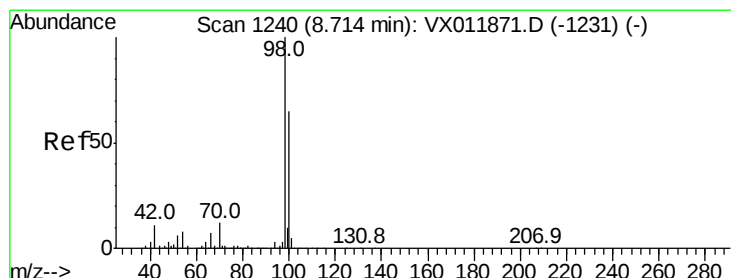
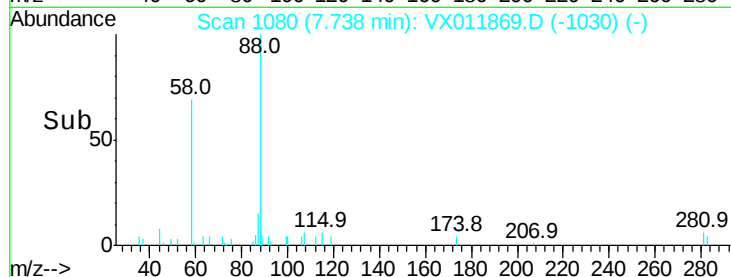
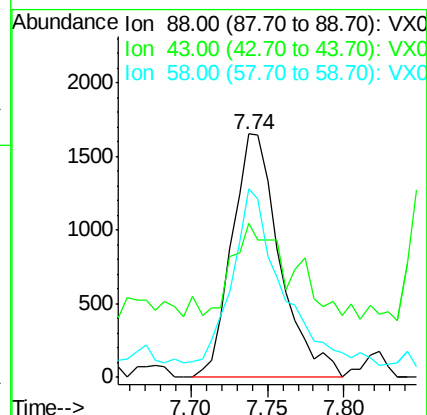
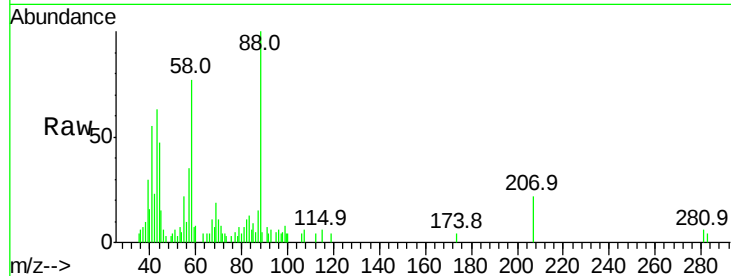




#49
1,4-Dioxane
Concen: 61.031 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.01 min
Lab File: VX011869.D
Acq: 28 Aug 2019 11:09

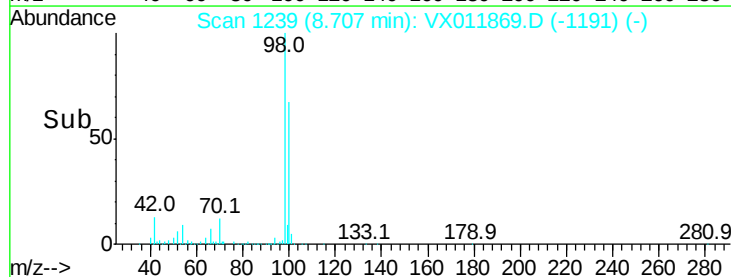
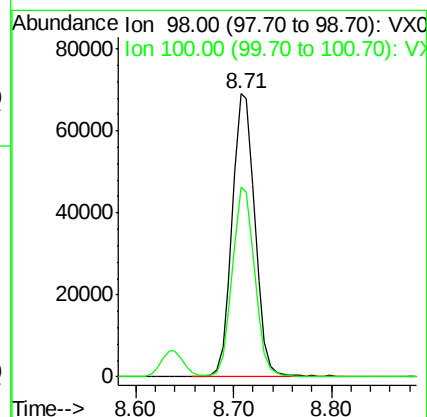
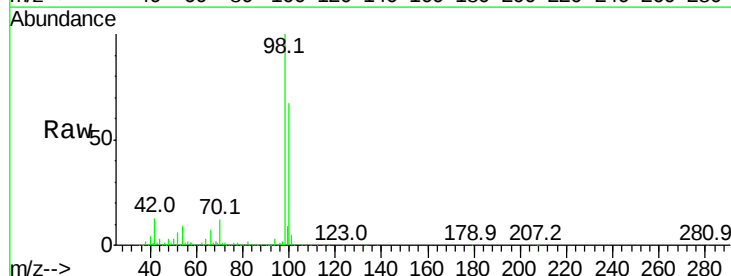
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

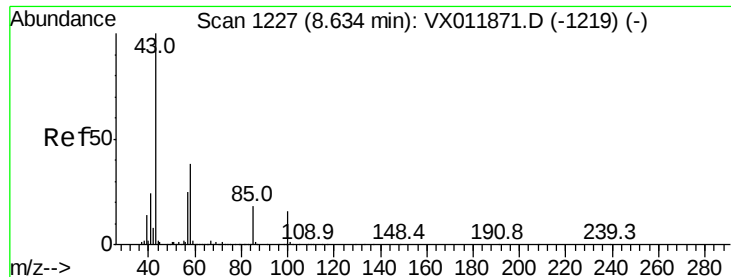
Tgt Ion: 88 Resp: 3590
Ion Ratio Lower Upper
88 100
43 48.1 33.2 49.8
58 76.2 58.2 87.4



#50
Toluene-d8
Concen: 8.946 ug/l
RT: 8.71 min Scan# 1239
Delta R.T. -0.01 min
Lab File: VX011869.D
Acq: 28 Aug 2019 11:09

Tgt Ion: 98 Resp: 111333
Ion Ratio Lower Upper
98 100
100 65.9 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 17.735 ug/l

RT: 8.63 min Scan# 1227

Delta R.T. -0.00 min

Lab File: VX011869.D

Acq: 28 Aug 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

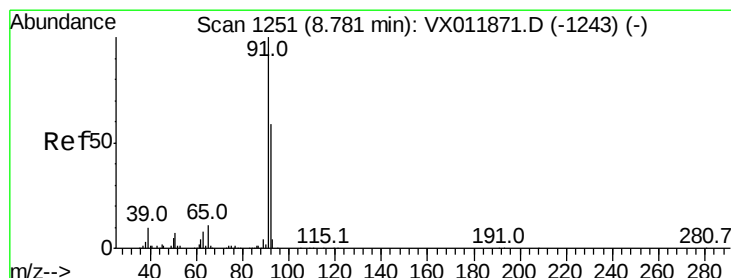
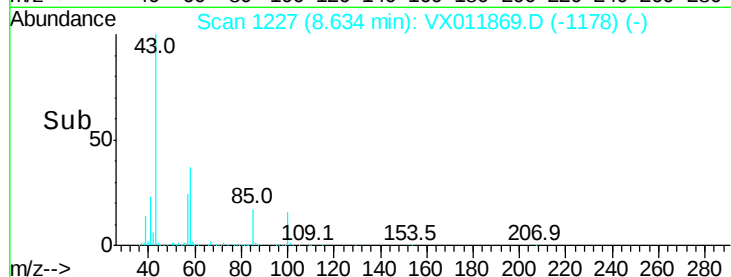
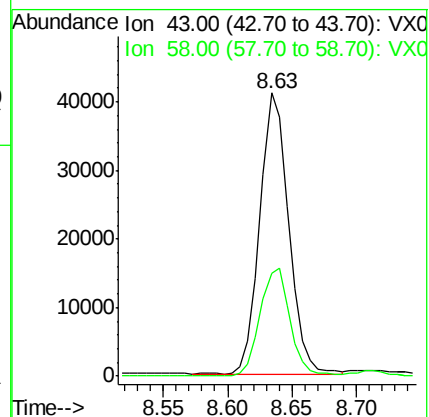
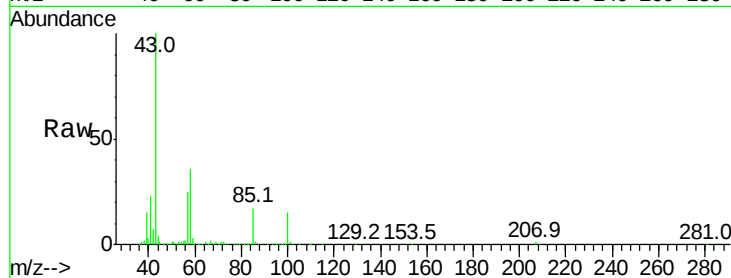
VSTDIC010

Tgt Ion: 43 Resp: 63327

Ion Ratio Lower Upper

43 100

58 39.3 30.8 46.2



#52

Toluene

Concen: 9.066 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX011869.D

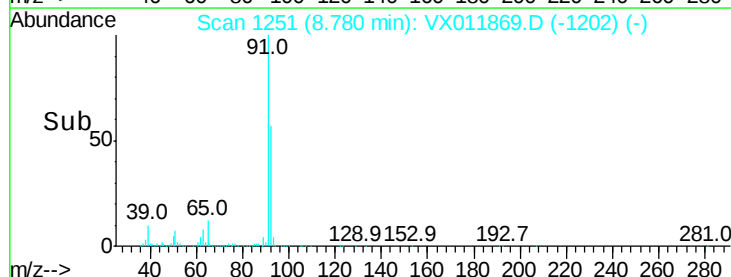
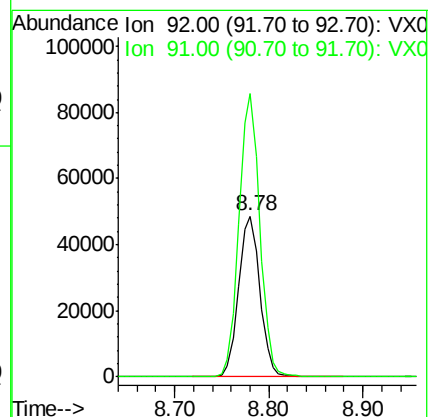
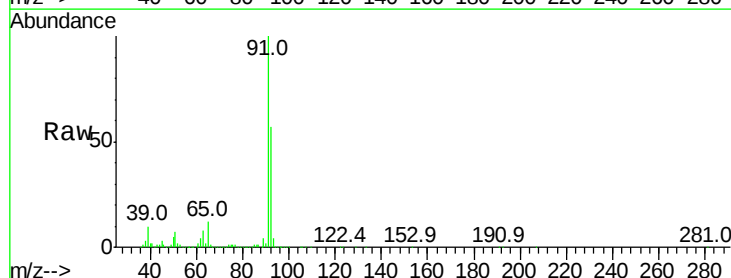
Acq: 28 Aug 2019 11:09

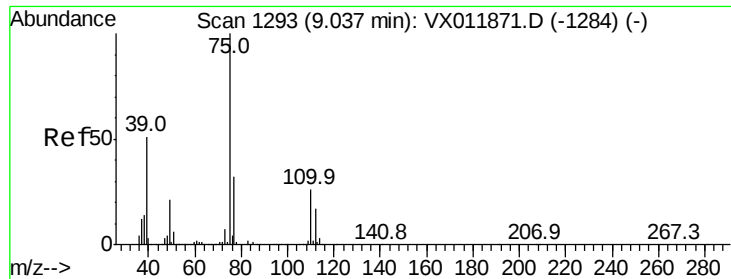
Tgt Ion: 92 Resp: 76936

Ion Ratio Lower Upper

92 100

91 170.6 136.2 204.2





#53

t-1,3-Dichloropropene

Concen: 7.755 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX011869.D

Acq: 28 Aug 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

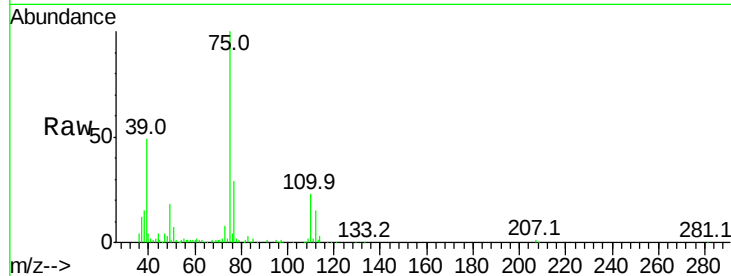
VSTDIC010

Tgt Ion: 75 Resp: 34030

Ion Ratio Lower Upper

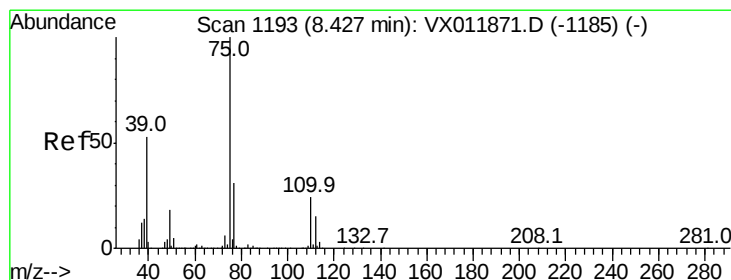
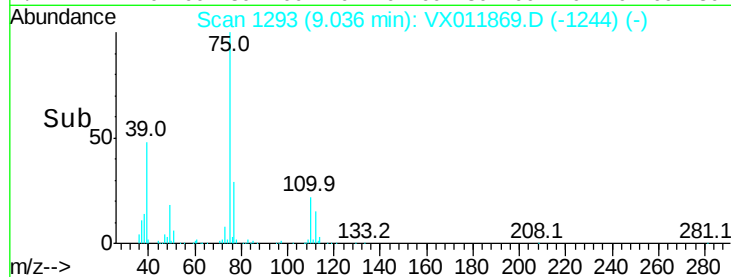
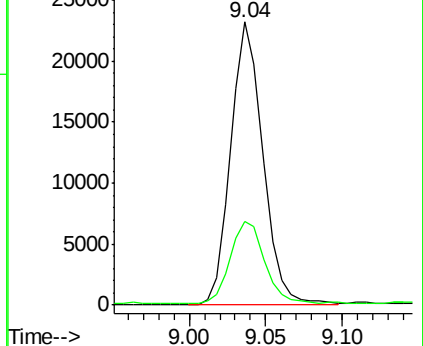
75 100

77 28.6 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: 8.951 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.01 min

Lab File: VX011869.D

Acq: 28 Aug 2019 11:09

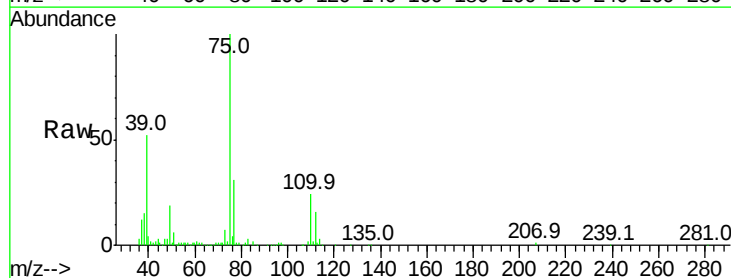
Tgt Ion: 75 Resp: 43782

Ion Ratio Lower Upper

75 100

77 30.3 24.9 37.3

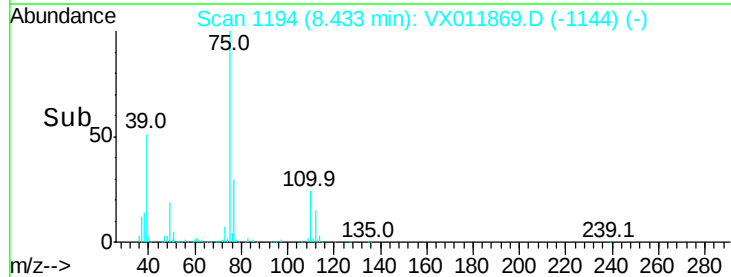
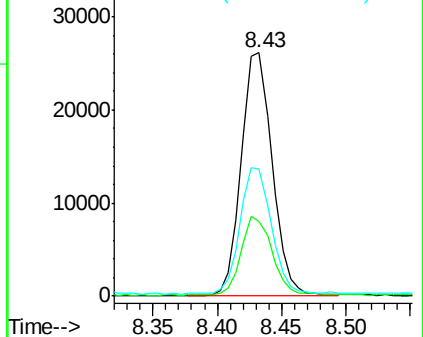
39 51.1 42.2 63.4

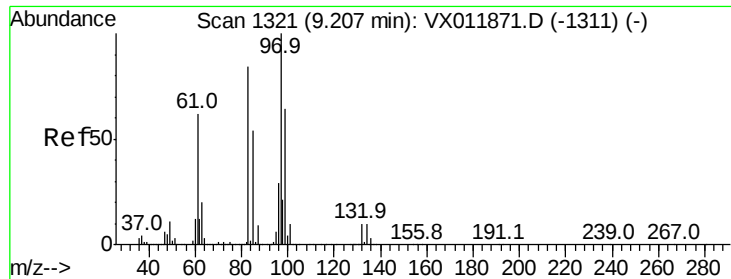


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

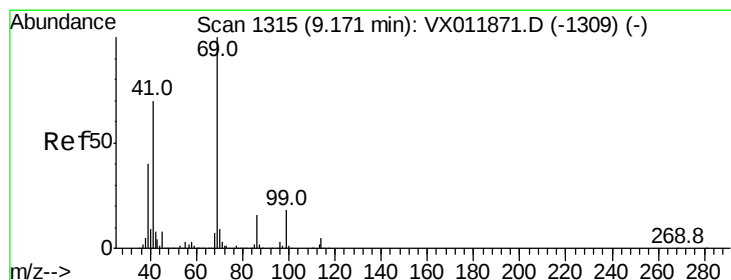
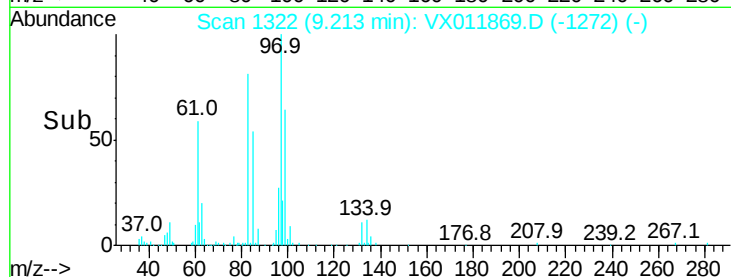
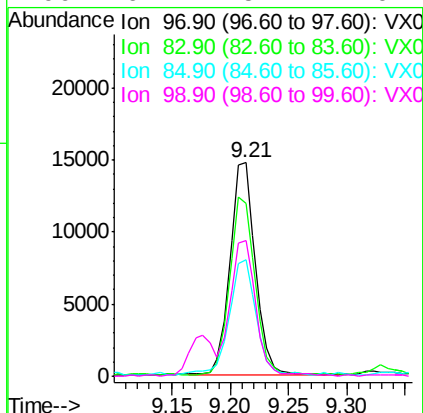
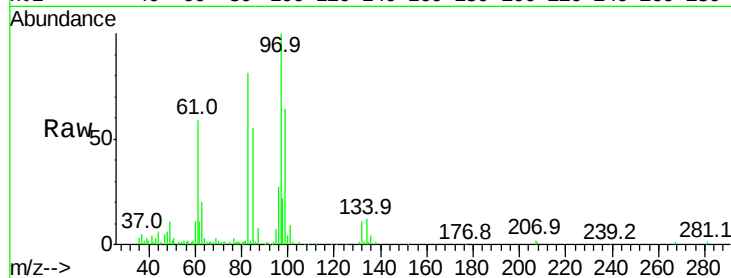




#55
 1,1,2-Trichloroethane
 Concen: 7.594 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.01 min
 Lab File: VX011869.D
 Acq: 28 Aug 2019 11:09

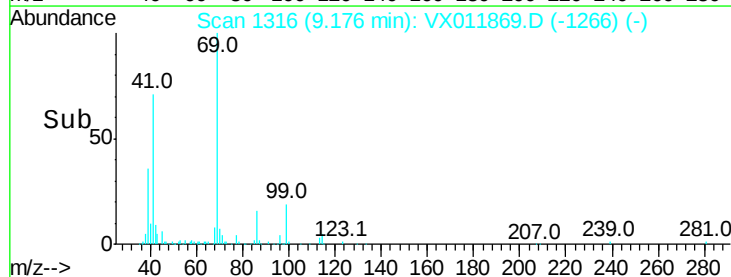
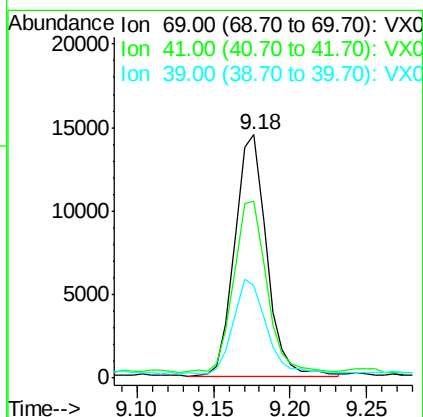
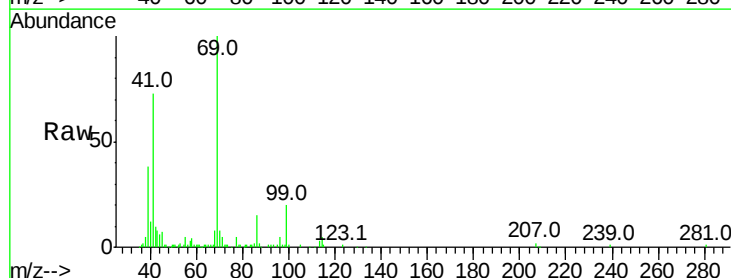
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

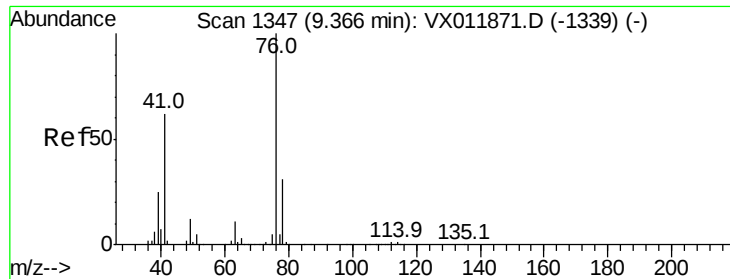
Tgt Ion:	97	Resp:	22178
Ion	Ratio	Lower	Upper
97	100		
83	81.1	67.6	101.4
85	53.4	42.9	64.3
99	64.4	51.1	76.7



#56
 Ethyl methacrylate
 Concen: 5.232 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: VX011869.D
 Acq: 28 Aug 2019 11:09

Tgt Ion:	69	Resp:	20990
Ion	Ratio	Lower	Upper
69	100		
41	72.7	55.9	83.9
39	40.4	31.9	47.9





#57

1,3-Dichloropropane

Concen: 7.584 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.00 min

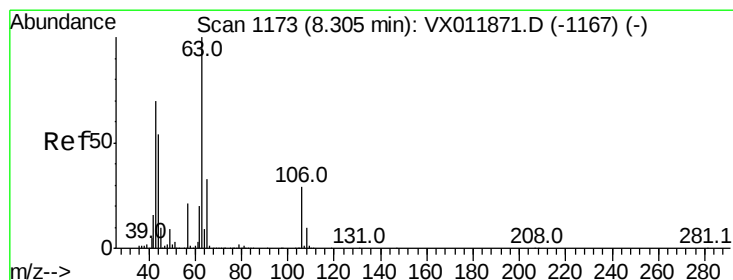
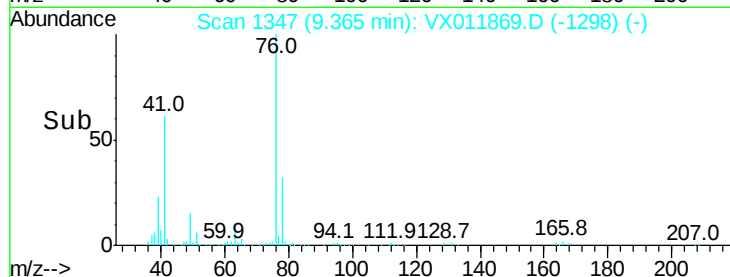
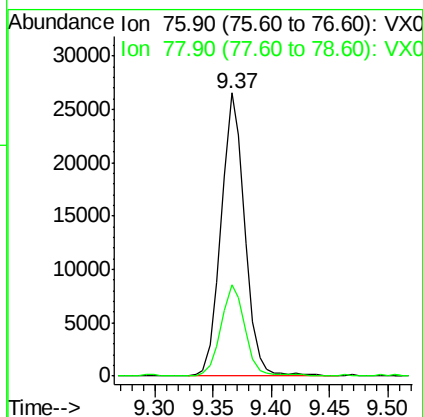
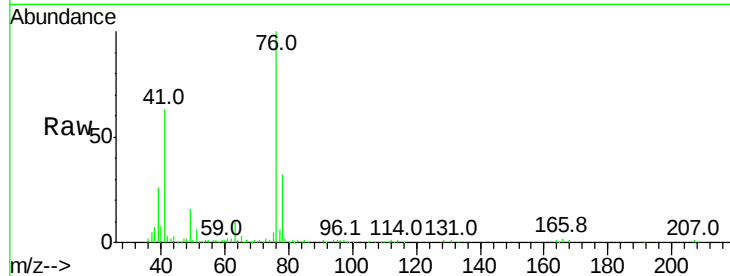
Lab File: VX011869.D

Acq: 28 Aug 2019 11:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Tgt Ion: 76 Resp: 37180

Ion	Ratio	Lower	Upper
76	100		
78	33.3	25.4	38.0



#58

2-Chloroethyl Vinyl ether

Concen: 18.178 ug/l

RT: 8.30 min Scan# 1173

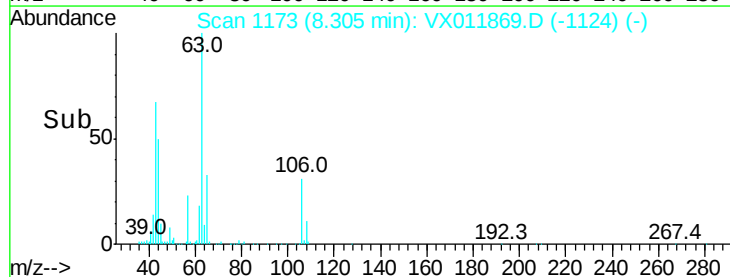
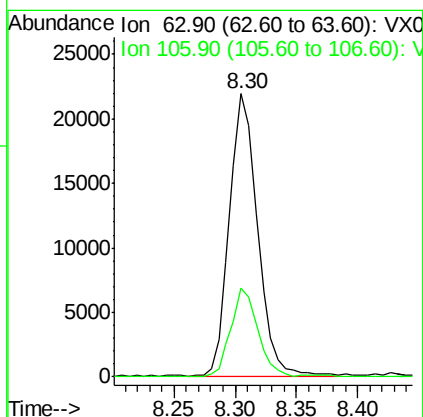
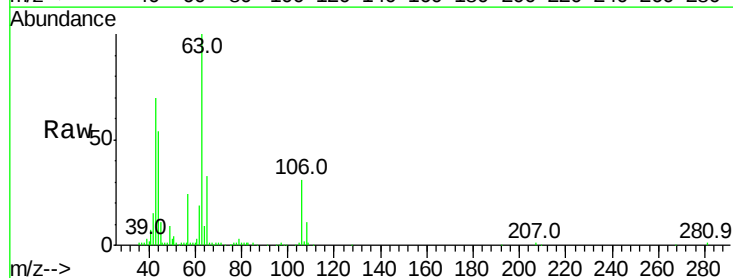
Delta R.T. -0.00 min

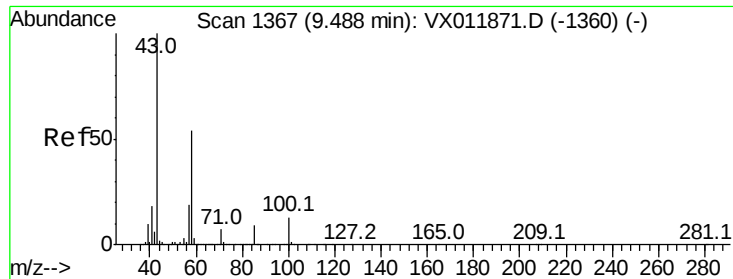
Lab File: VX011869.D

Acq: 28 Aug 2019 11:09

Tgt Ion: 63 Resp: 34887

Ion	Ratio	Lower	Upper
63	100		
106	30.8	24.6	36.8

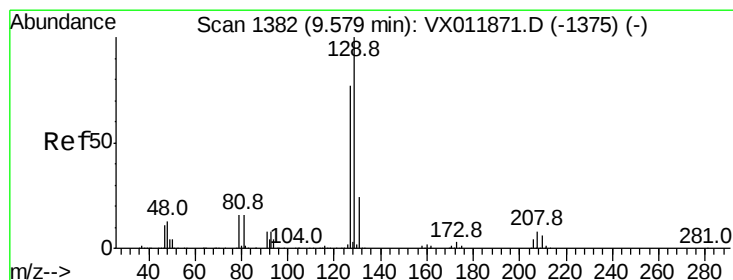
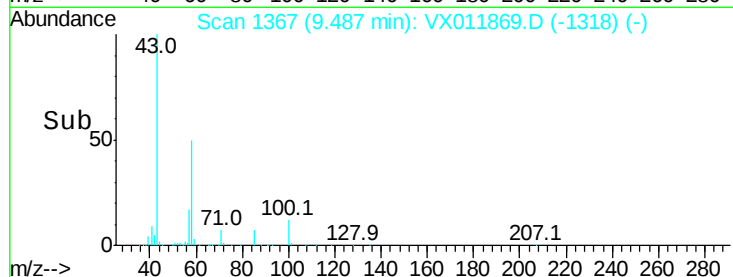
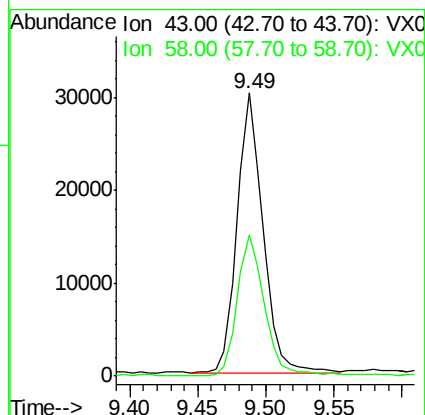
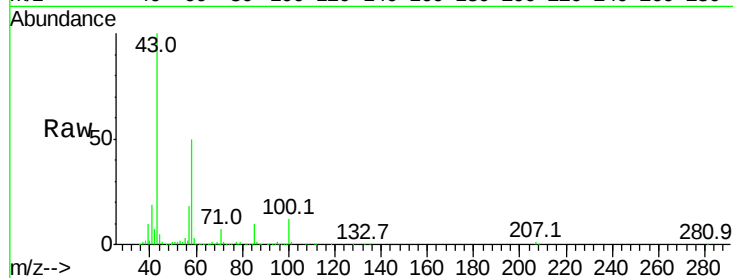




#59
2-Hexanone
Concen: 14.680 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX011869.D
Acq: 28 Aug 2019 11:09

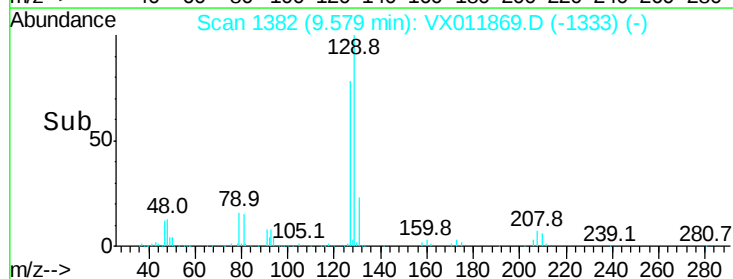
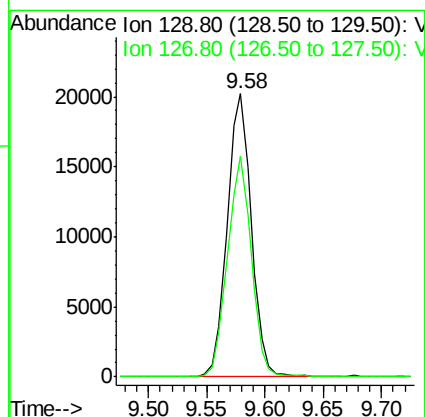
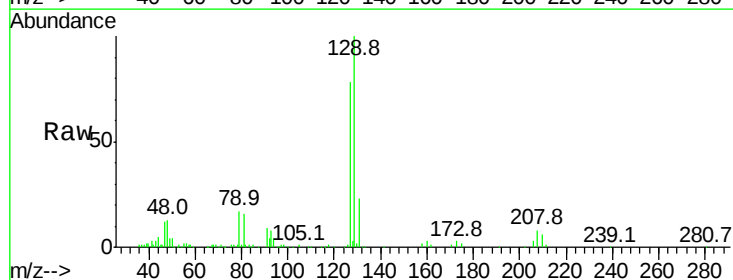
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

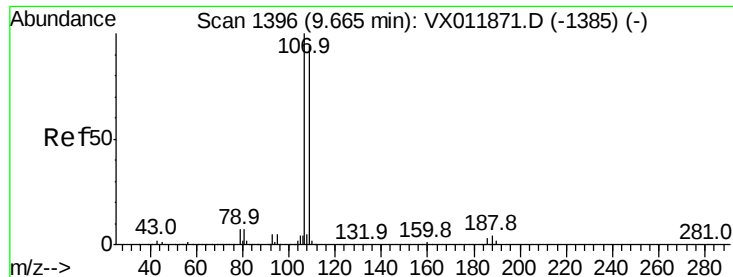
Tgt Ion: 43 Resp: 39934
Ion Ratio Lower Upper
43 100
58 52.9 26.7 80.1



#60
Dibromochloromethane
Concen: 9.905 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX011869.D
Acq: 28 Aug 2019 11:09

Tgt Ion: 129 Resp: 29135
Ion Ratio Lower Upper
129 100
127 77.3 38.3 114.8





#61

1,2-Dibromoethane

Concen: 7.136 ug/l

RT: 9.66 min Scan# 1396

Delta R.T. -0.00 min

Lab File: VX011869.D

Acq: 28 Aug 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

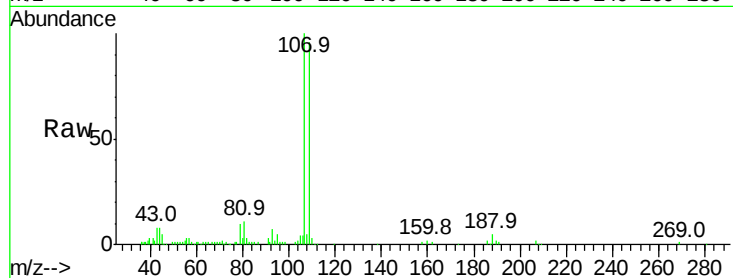
VSTDIC010

Tgt Ion:107 Resp: 21279

Ion Ratio Lower Upper

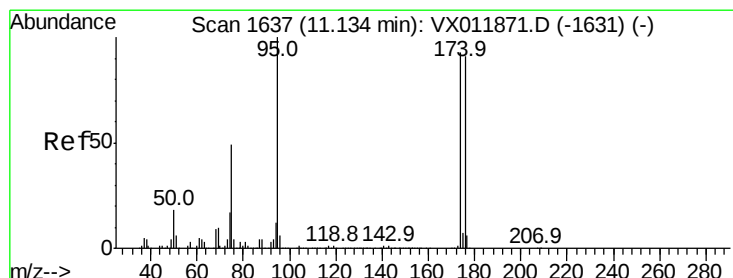
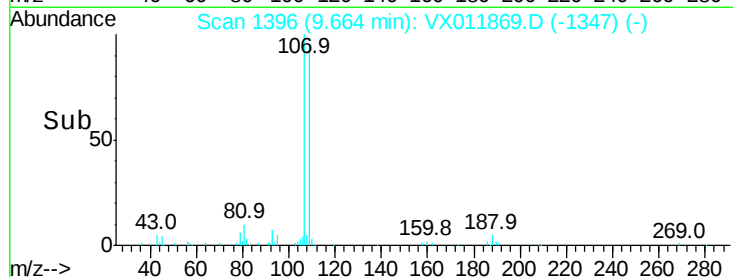
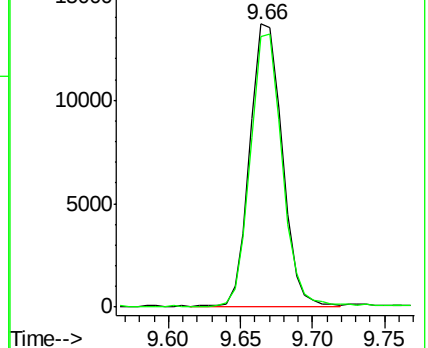
107 100

109 95.8 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: 12.291 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011869.D

Acq: 28 Aug 2019 11:09

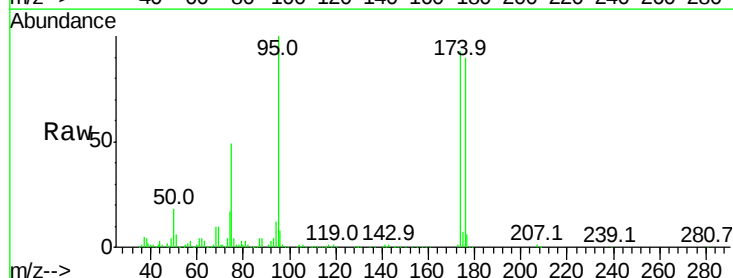
Tgt Ion: 95 Resp: 56396

Ion Ratio Lower Upper

95 100

174 94.7 0.0 189.2

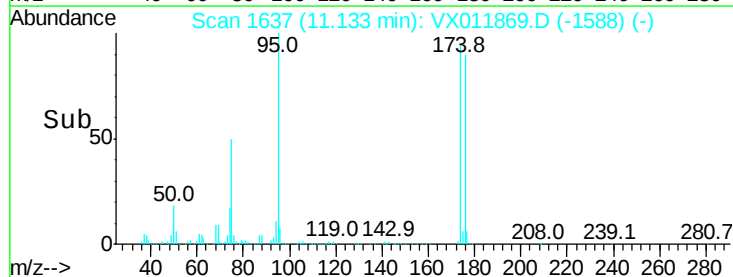
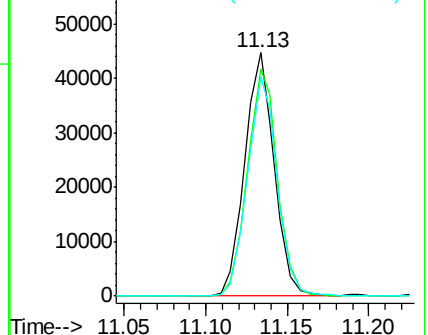
176 90.0 0.0 185.6

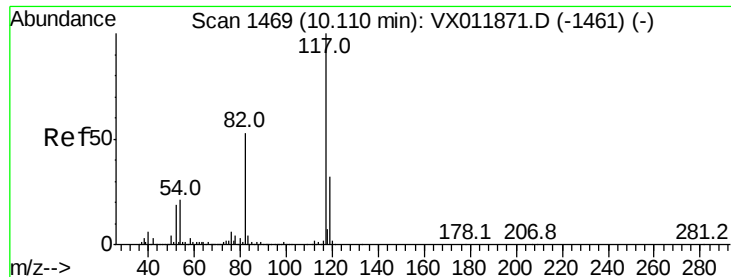


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

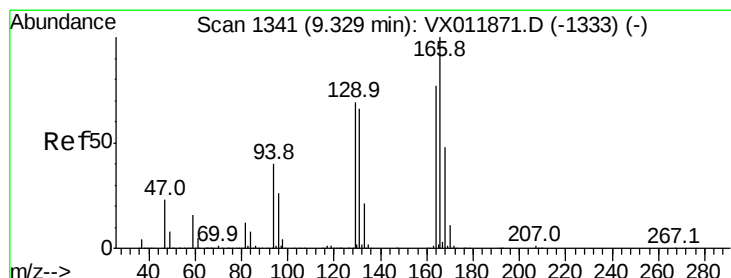
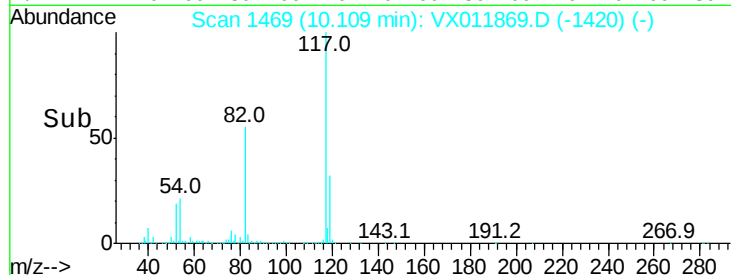
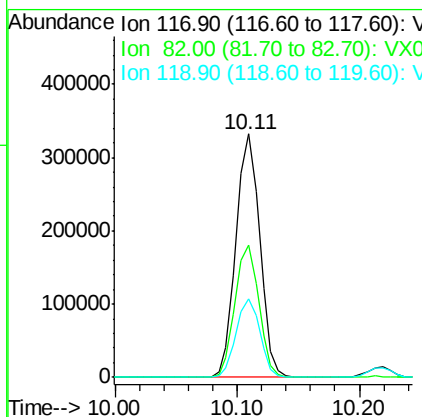
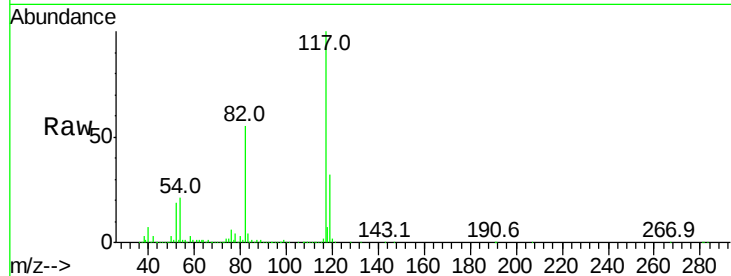




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011869.D
Acq: 28 Aug 2019 11:09

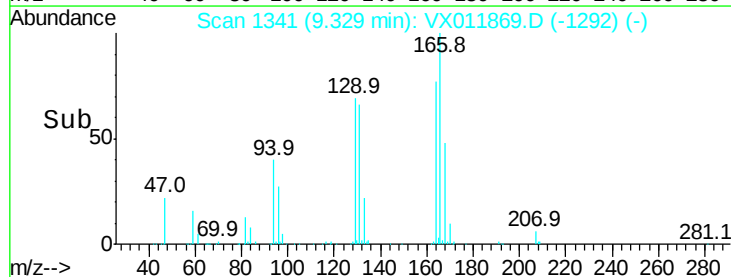
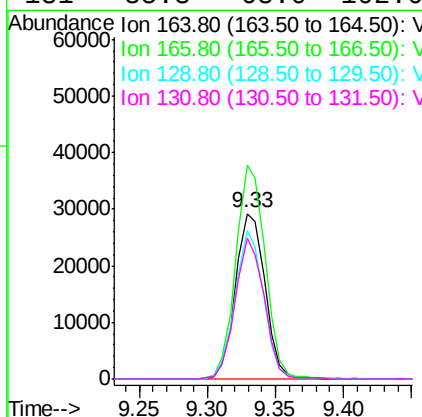
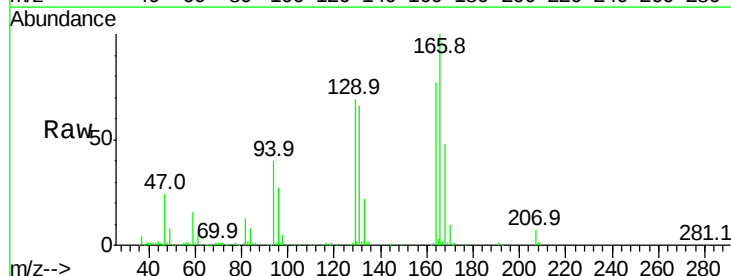
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

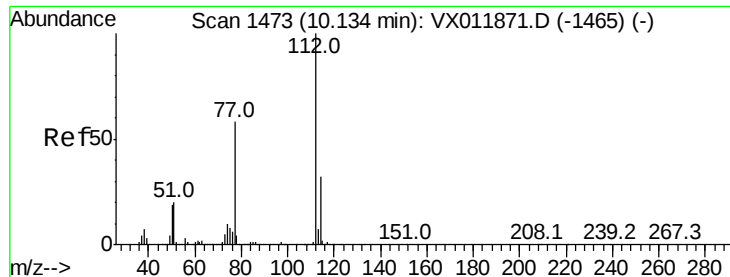
Tgt Ion:117 Resp: 447778
Ion Ratio Lower Upper
117 100
82 54.5 42.4 63.6
119 32.2 25.5 38.3



#64
Tetrachloroethene
Concen: 12.600 ug/l
RT: 9.33 min Scan# 1341
Delta R.T. -0.00 min
Lab File: VX011869.D
Acq: 28 Aug 2019 11:09

Tgt Ion:164 Resp: 44349
Ion Ratio Lower Upper
164 100
166 129.1 103.6 155.4
129 89.4 71.4 107.2
131 85.3 68.0 102.0





#65

Chlorobenzene

Concen: 9.020 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VX011869.D

Acq: 28 Aug 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

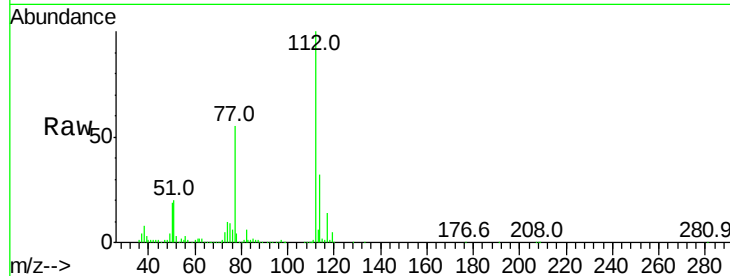
VSTDIC010

Tgt Ion:112 Resp: 84405

Ion Ratio Lower Upper

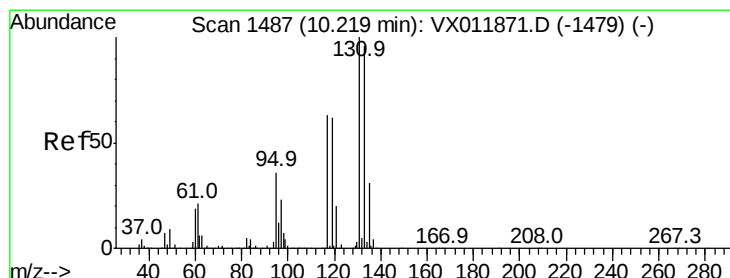
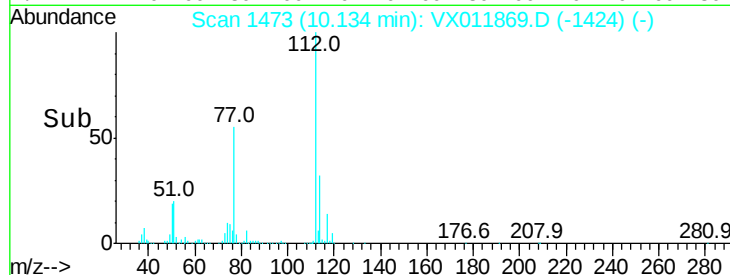
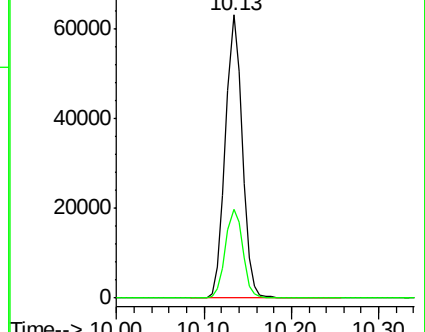
112 100

114 31.5 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: 9.947 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX011869.D

Acq: 28 Aug 2019 11:09

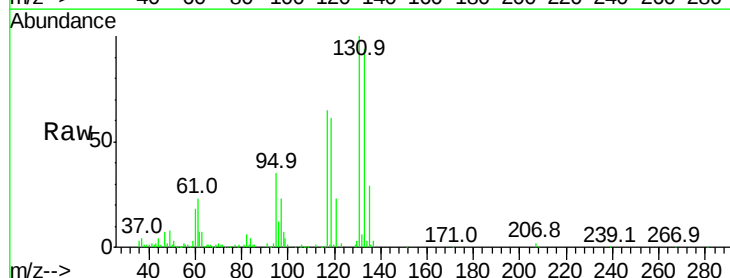
Tgt Ion:131 Resp: 30353

Ion Ratio Lower Upper

131 100

133 92.9 47.8 143.3

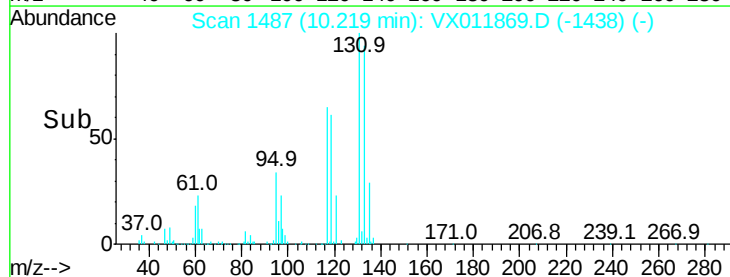
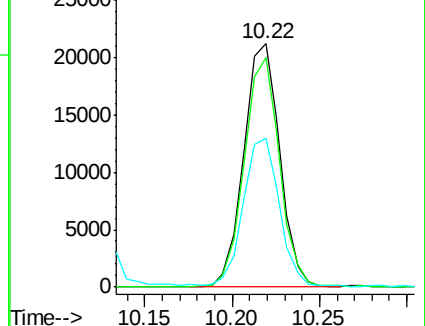
119 60.6 31.1 93.5

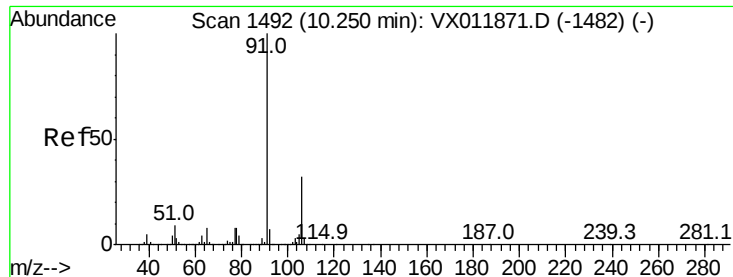


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 9.171 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX011869.D

Acq: 28 Aug 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

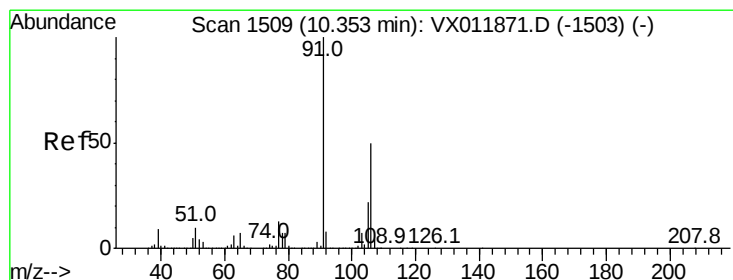
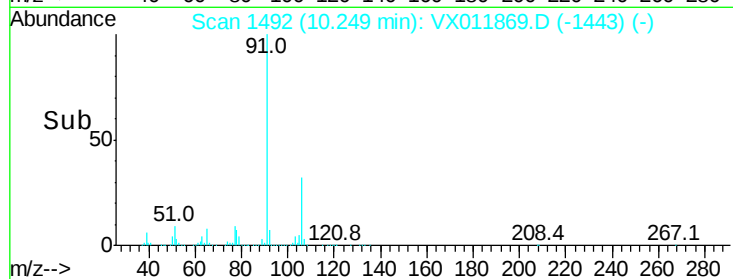
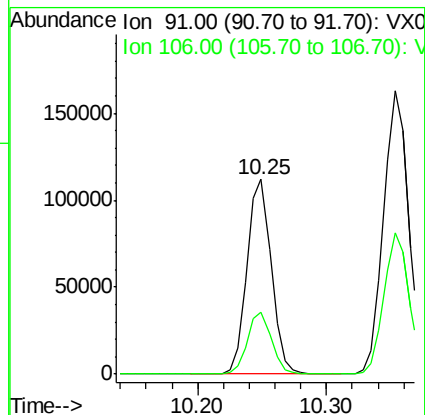
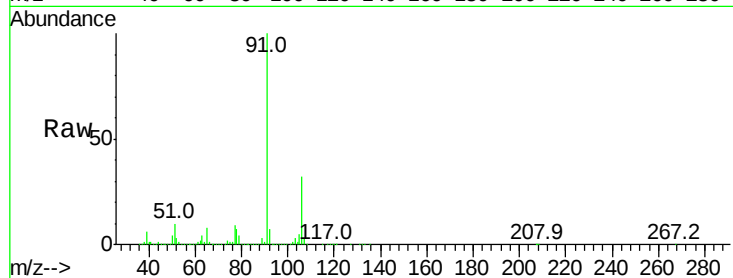
VSTDIC010

Tgt Ion: 91 Resp: 144899

Ion Ratio Lower Upper

91 100

106 31.6 25.5 38.3



#68

m/p-Xylenes

Concen: 17.758 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.00 min

Lab File: VX011869.D

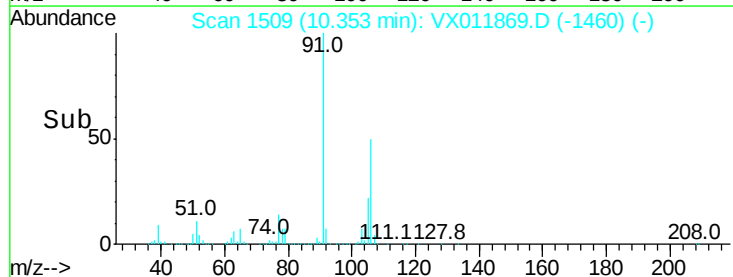
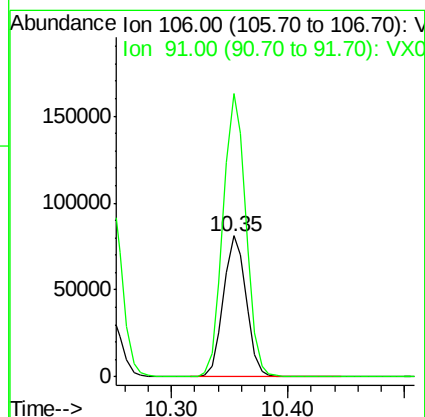
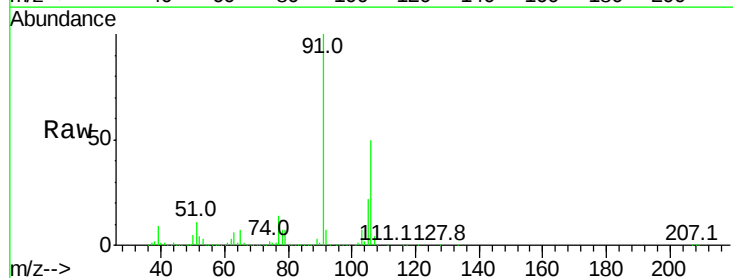
Acq: 28 Aug 2019 11:09

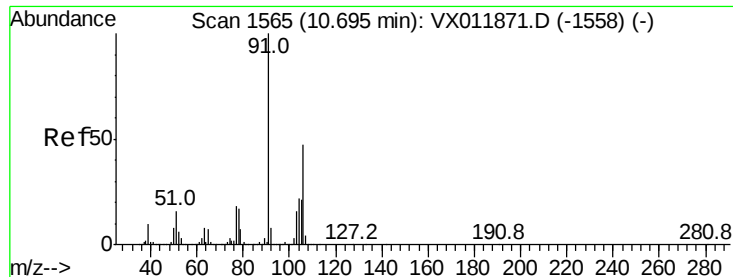
Tgt Ion: 106 Resp: 109756

Ion Ratio Lower Upper

106 100

91 200.4 158.9 238.3

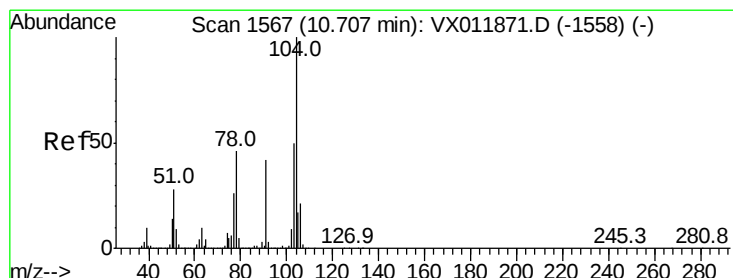
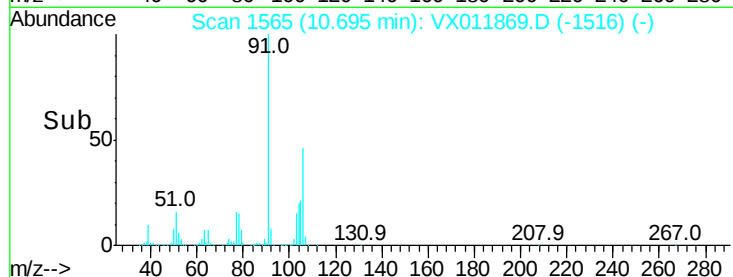
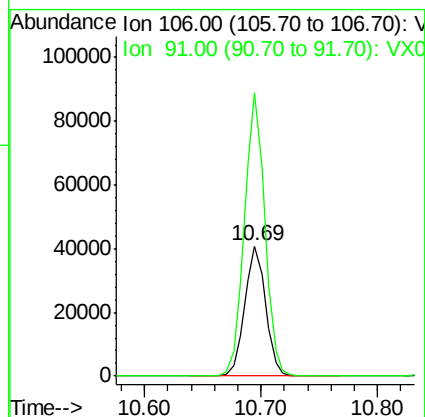
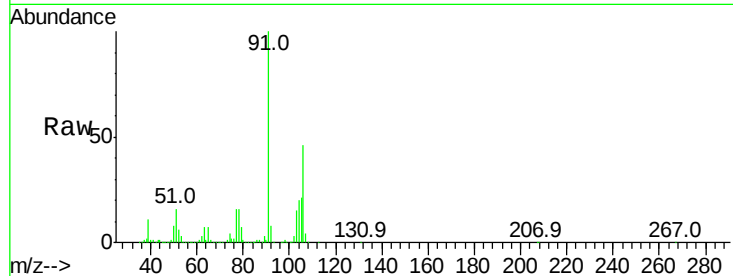




#69
o-Xylene
Concen: 8.998 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011869.D
Acq: 28 Aug 2019 11:09

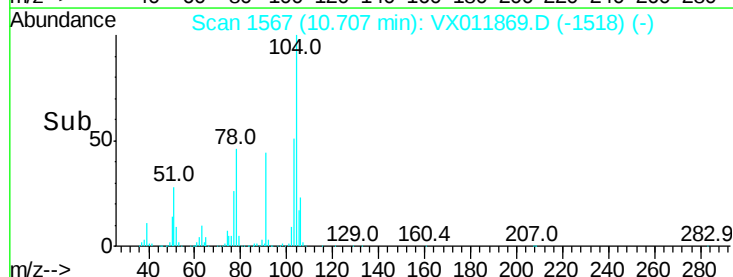
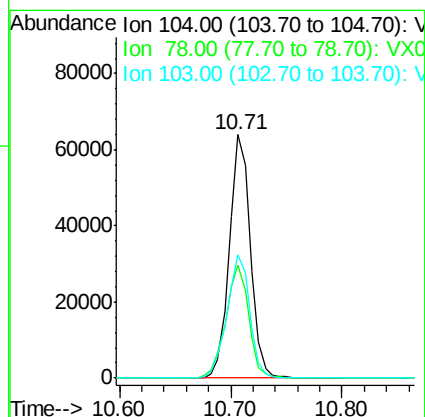
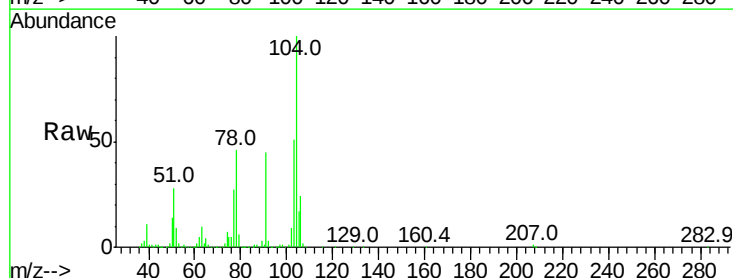
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

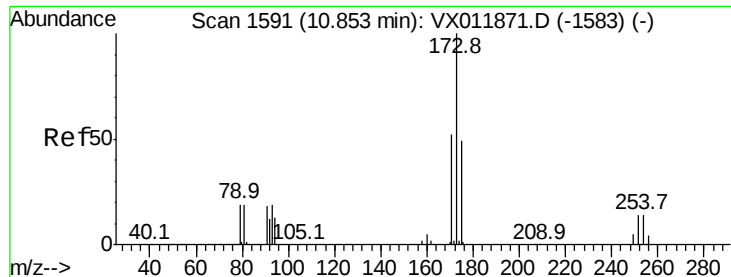
Tgt Ion:106 Resp: 51642
Ion Ratio Lower Upper
106 100
91 210.9 105.6 316.8



#70
Styrene
Concen: 8.676 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX011869.D
Acq: 28 Aug 2019 11:09

Tgt Ion:104 Resp: 83767
Ion Ratio Lower Upper
104 100
78 50.1 40.4 60.6
103 54.9 43.5 65.3





#71

Bromoform

Concen: 8.796 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX011869.D

Acq: 28 Aug 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

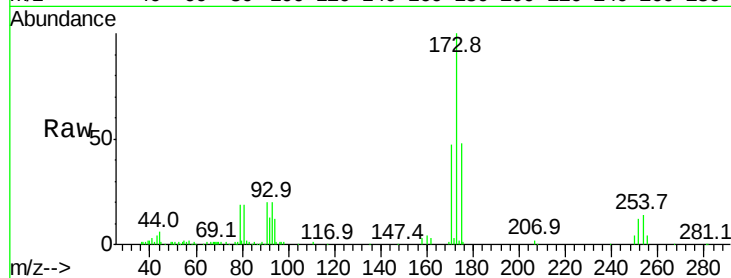
Tgt Ion:173 Resp: 18454

Ion Ratio Lower Upper

173 100

175 48.8 23.8 71.2

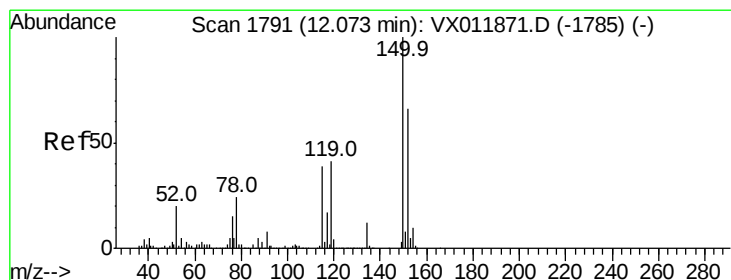
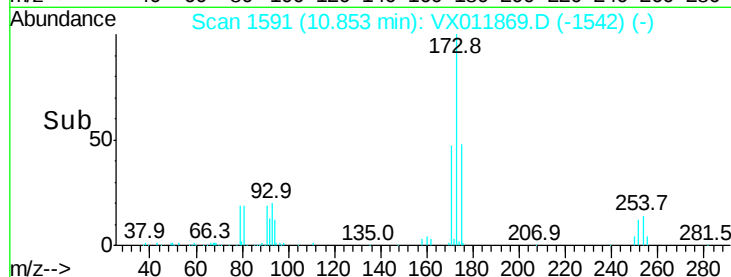
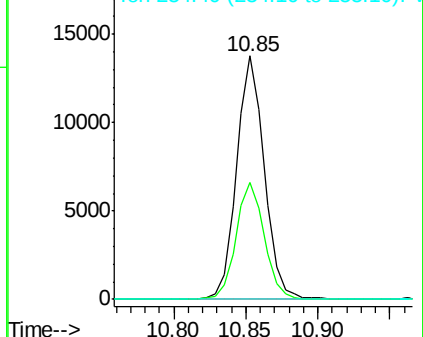
254 0.0 0.2 0.2#



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: VX011869.D

Acq: 28 Aug 2019 11:09

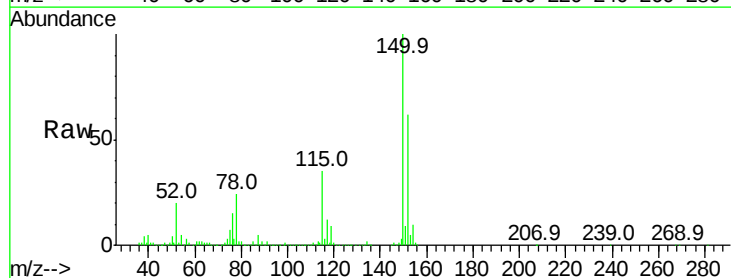
Tgt Ion:152 Resp: 226974

Ion Ratio Lower Upper

152 100

115 57.9 36.0 108.1

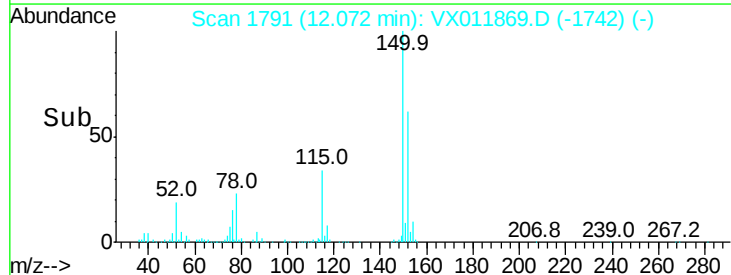
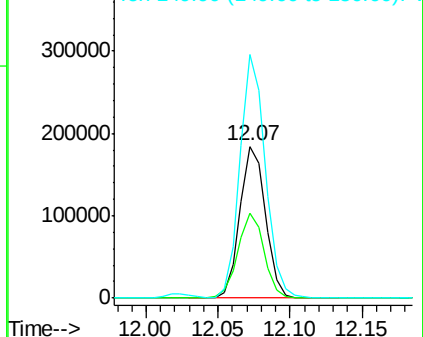
150 159.5 0.0 341.4

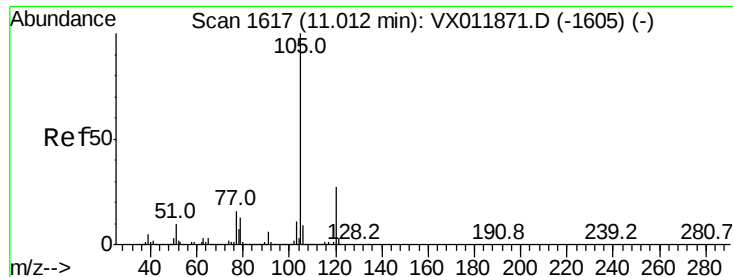


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 9.478 ug/l

RT: 11.01 min Scan# 1617

Delta R.T. -0.00 min

Lab File: VX011869.D

Acq: 28 Aug 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

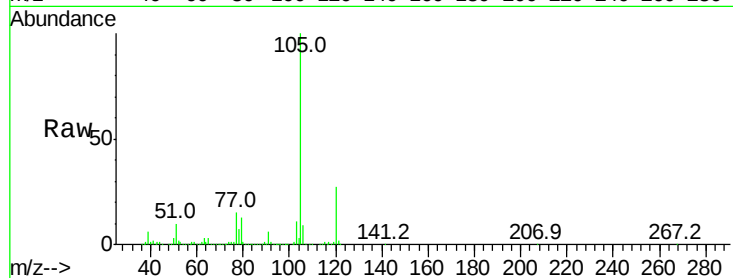
VSTDIC010

Tgt Ion:105 Resp: 134671

Ion Ratio Lower Upper

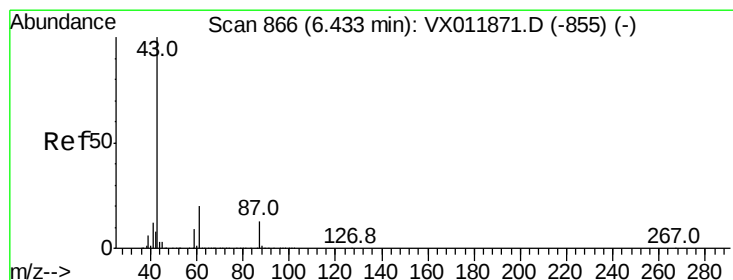
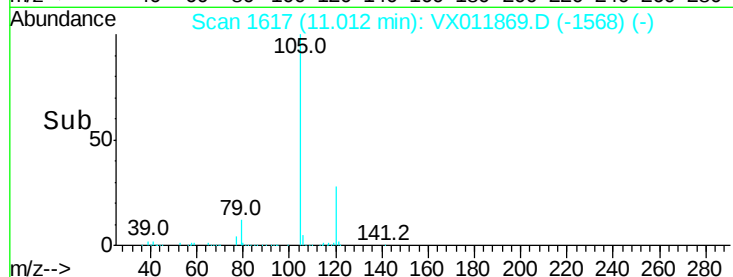
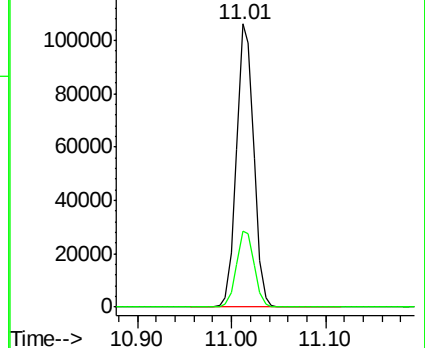
105 100

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



#74

N-ethyl acetate

Concen: 6.426 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.01 min

Lab File: VX011869.D

Acq: 28 Aug 2019 11:09

Tgt Ion: 43 Resp: 32363

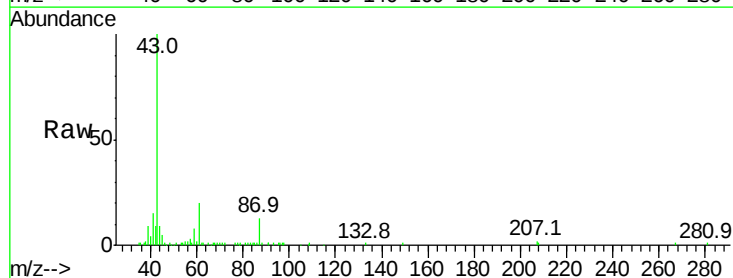
Ion Ratio Lower Upper

43 100

70 0.3 0.1 0.1#

55 0.5 0.1 0.1#

61 19.2 15.6 23.4

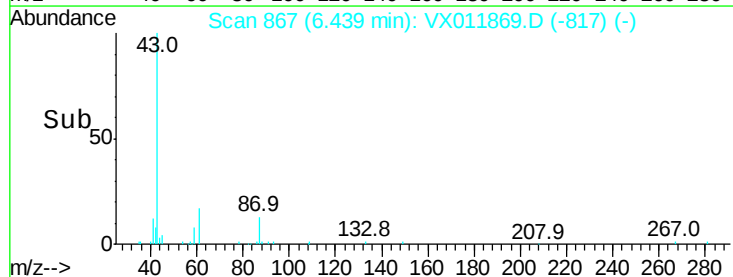
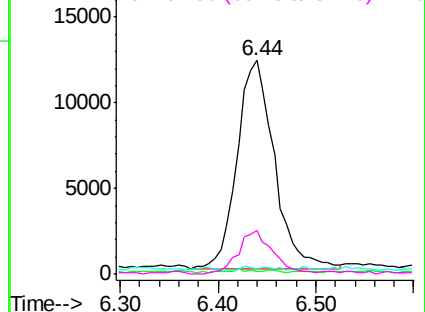


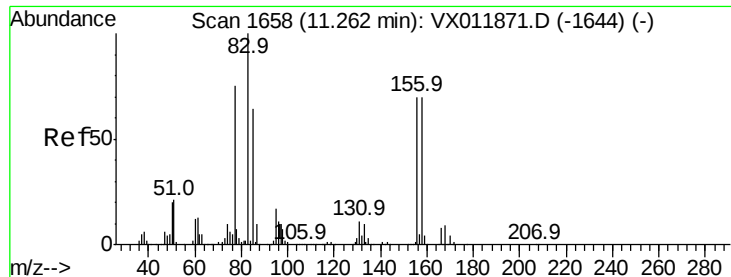
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 5.936 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.00 min

Lab File: VX011869.D

Acq: 28 Aug 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

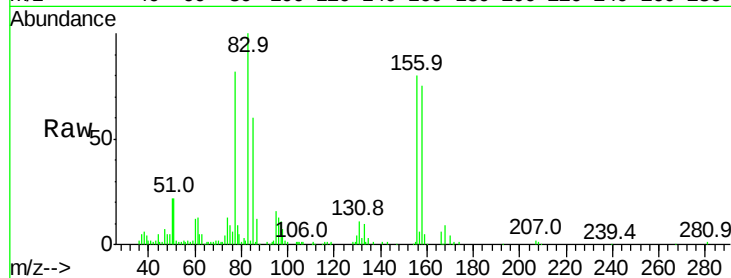
Tgt Ion: 83 Resp: 21928

Ion Ratio Lower Upper

83 100

131 12.5 6.0 18.1

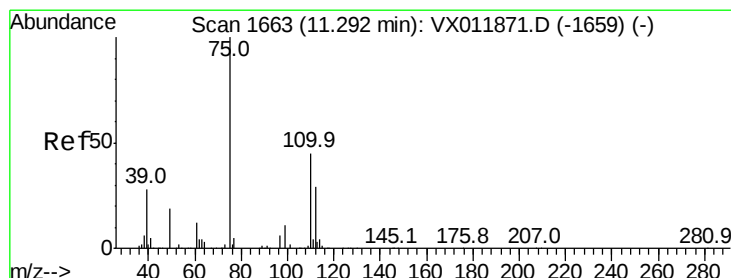
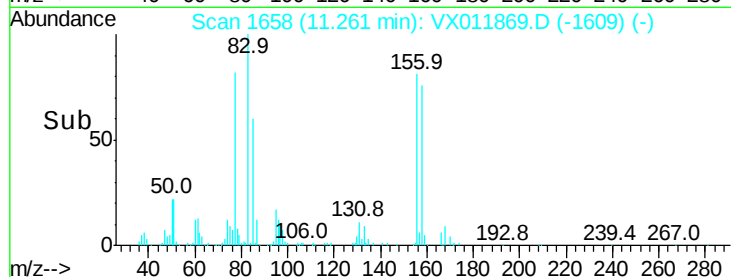
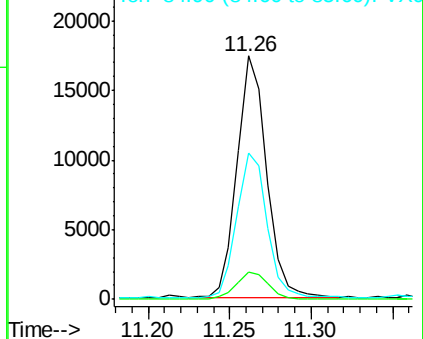
85 62.7 31.9 95.9



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: 6.416 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX011869.D

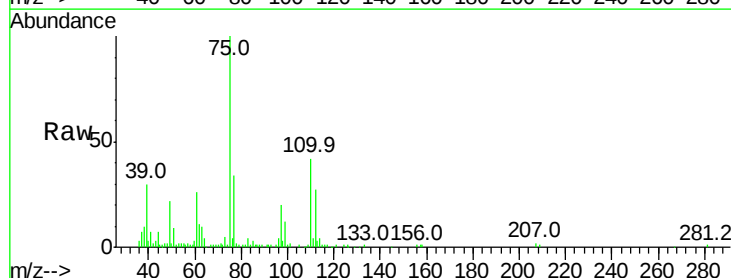
Acq: 28 Aug 2019 11:09

Tgt Ion: 75 Resp: 20073

Ion Ratio Lower Upper

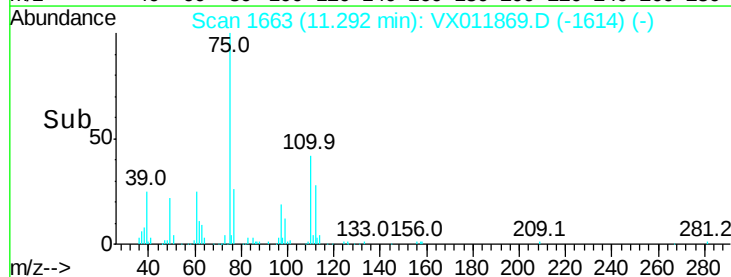
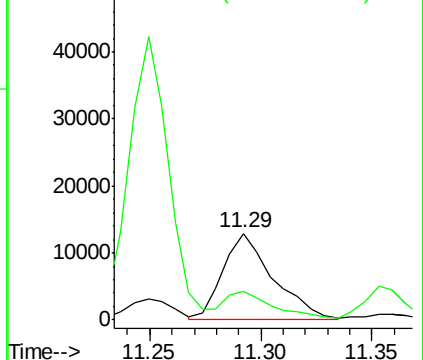
75 100

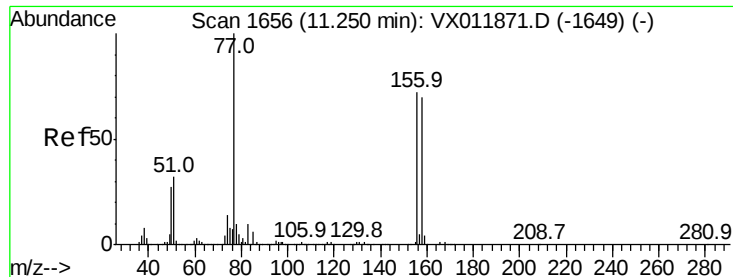
77 31.0 19.5 58.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 10.015 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.00 min

Lab File: VX011869.D

Acq: 28 Aug 2019 11:09

Instrument :

MSVOA_X

ClientSampled :

VSTDIC010

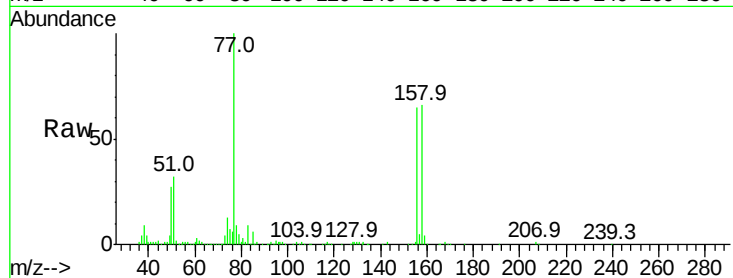
Tgt Ion:156 Resp: 37101

Ion Ratio Lower Upper

156 100

77 142.6 69.4 208.2

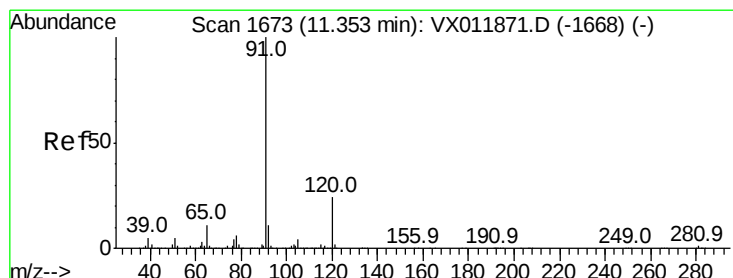
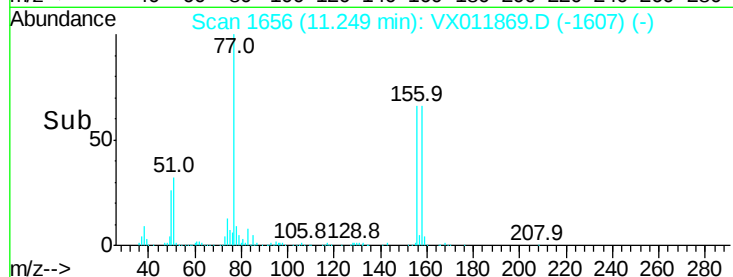
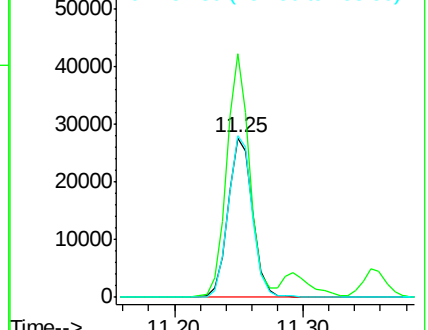
158 99.5 48.2 144.6



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: 8.609 ug/l

RT: 11.35 min Scan# 1673

Delta R.T. -0.00 min

Lab File: VX011869.D

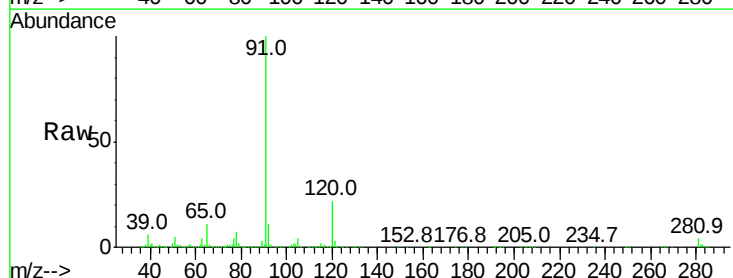
Acq: 28 Aug 2019 11:09

Tgt Ion: 91 Resp: 148202

Ion Ratio Lower Upper

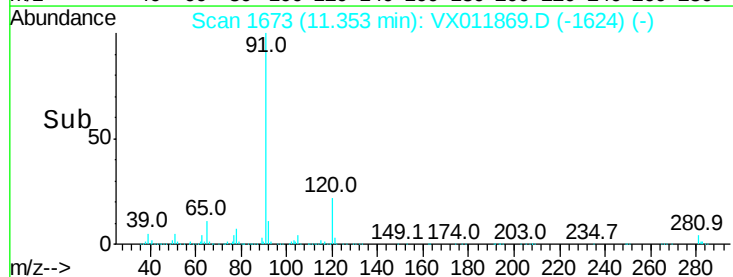
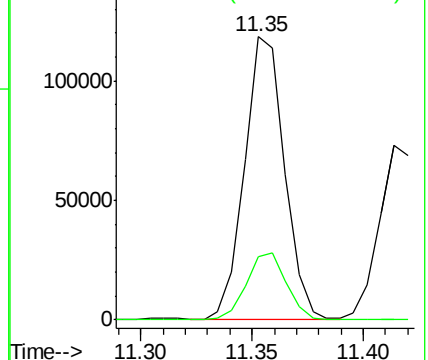
91 100

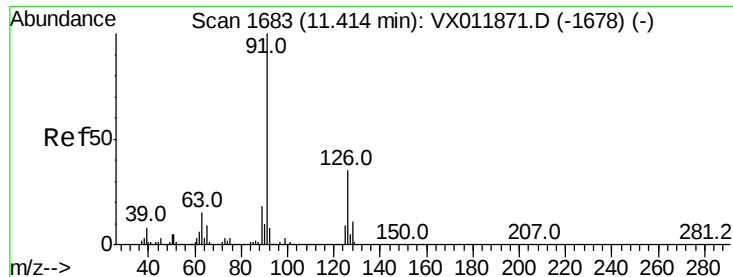
120 24.0 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

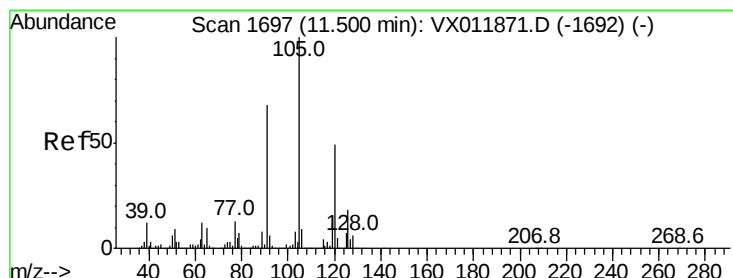
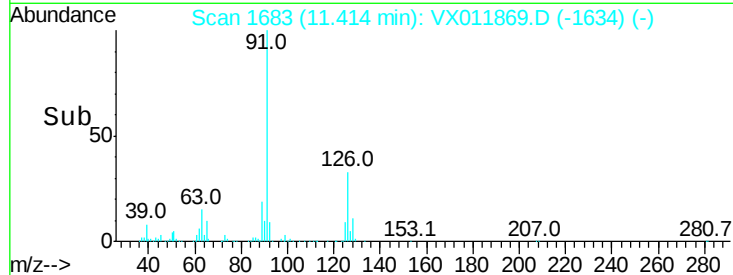
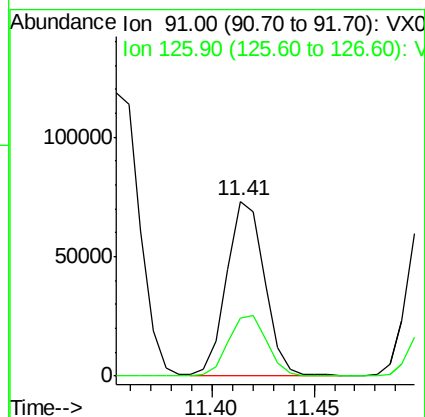
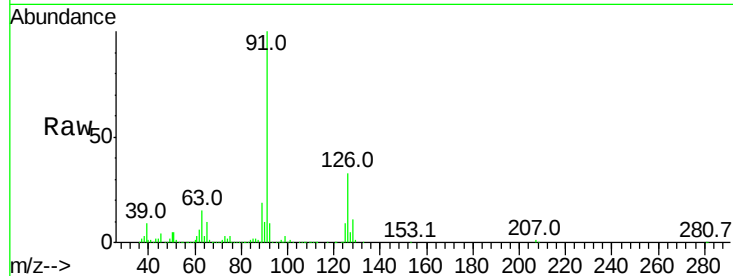




#79
 2-Chlorotoluene
 Concen: 9.595 ug/l
 RT: 11.41 min Scan# 1683
 Delta R.T. -0.00 min
 Lab File: VX011869.D
 Acq: 28 Aug 2019 11:09

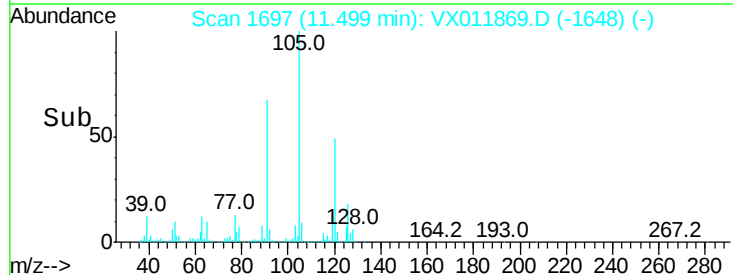
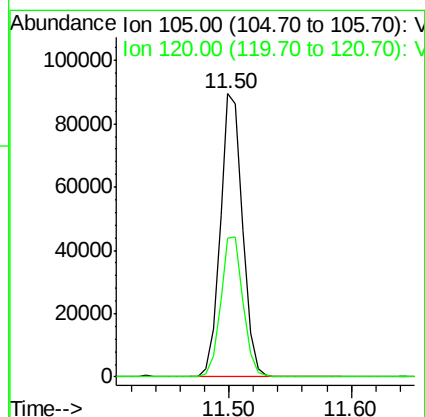
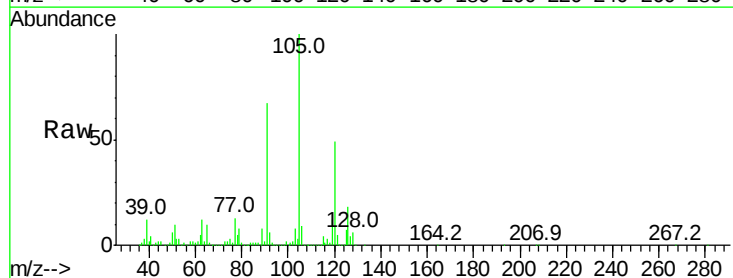
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

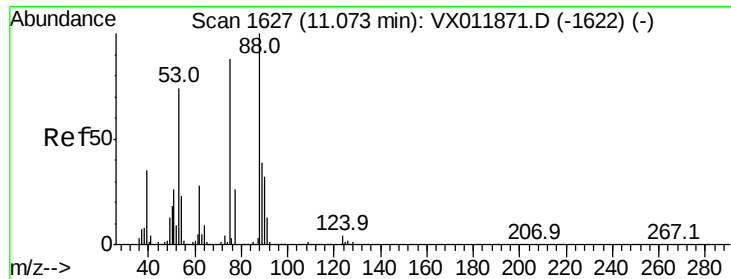
Tgt Ion: 91 Resp: 93778
 Ion Ratio Lower Upper
 91 100
 126 35.5 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 9.315 ug/l
 RT: 11.50 min Scan# 1697
 Delta R.T. -0.00 min
 Lab File: VX011869.D
 Acq: 28 Aug 2019 11:09

Tgt Ion: 105 Resp: 112971
 Ion Ratio Lower Upper
 105 100
 120 50.0 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 4.380 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX011869.D

Acq: 28 Aug 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

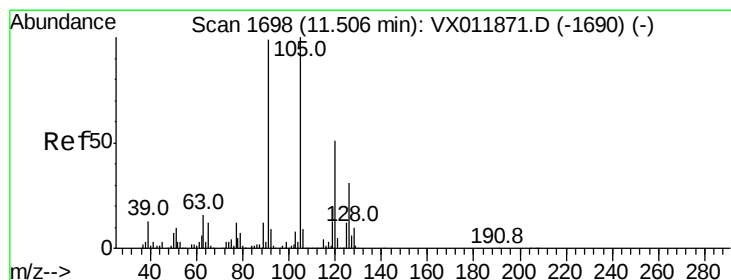
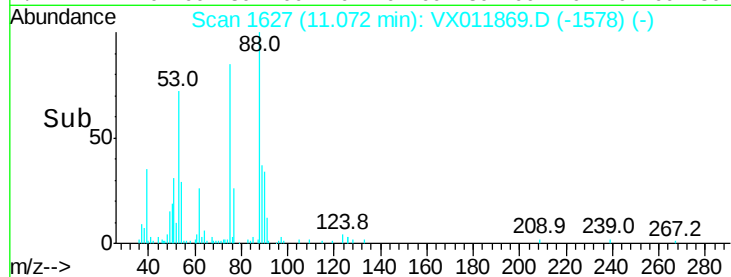
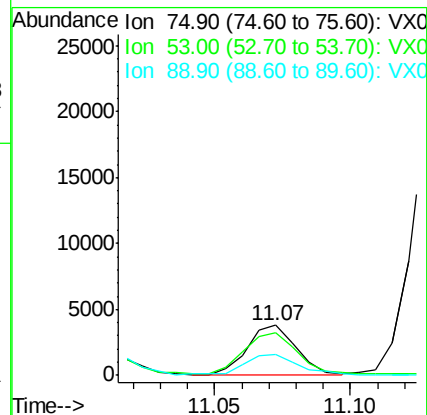
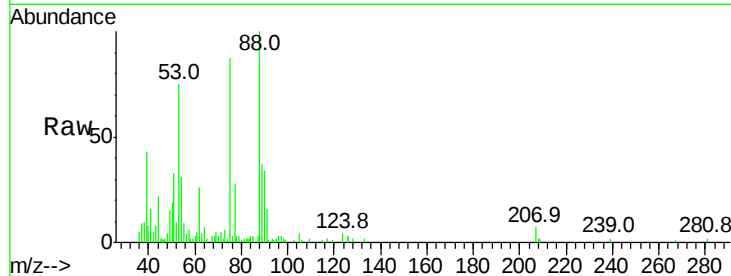
Tgt Ion: 75 Resp: 4626

Ion Ratio Lower Upper

75 100

53 92.0 73.3 109.9

89 49.9 37.4 56.0



#82

4-Chlorotoluene

Concen: 9.198 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011869.D

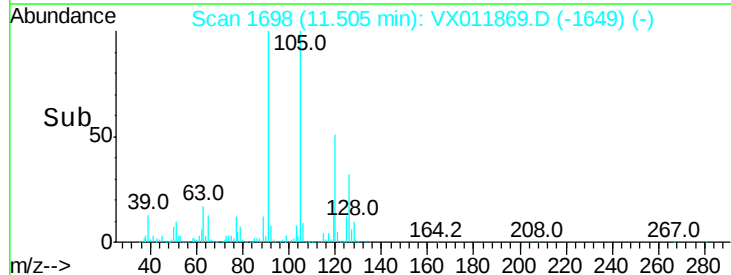
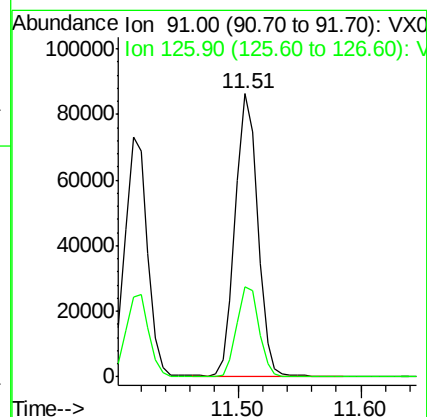
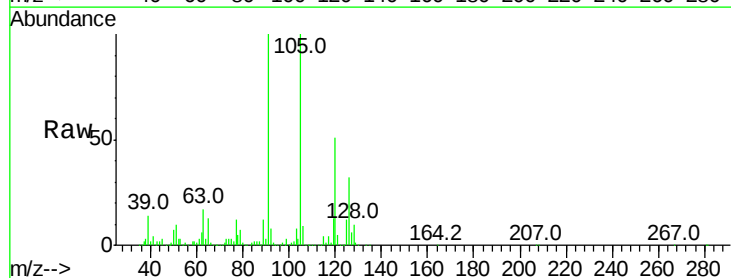
Acq: 28 Aug 2019 11:09

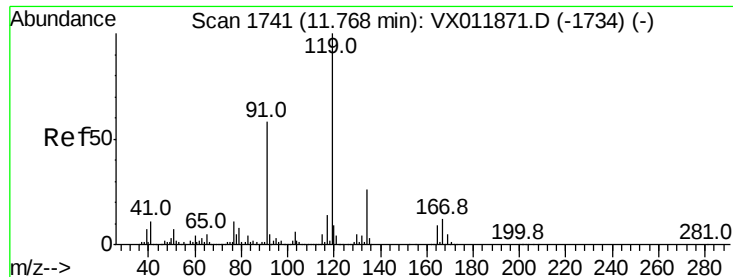
Tgt Ion: 91 Resp: 109039

Ion Ratio Lower Upper

91 100

126 31.6 15.4 46.2





#83

tert-Butylbenzene

Concen: 8.546 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX011869.D

Acq: 28 Aug 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

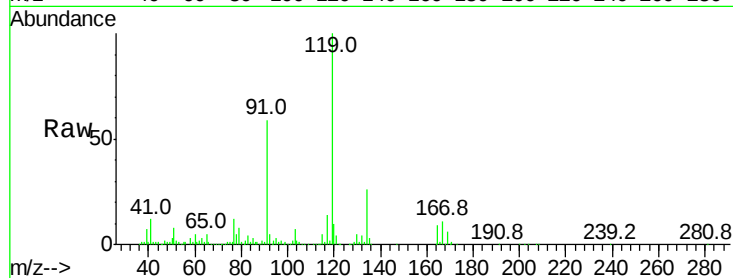
Tgt Ion:119 Resp: 102515

Ion Ratio Lower Upper

119 100

91 58.3 28.6 85.8

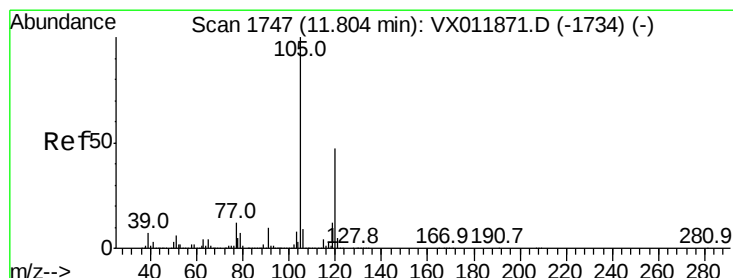
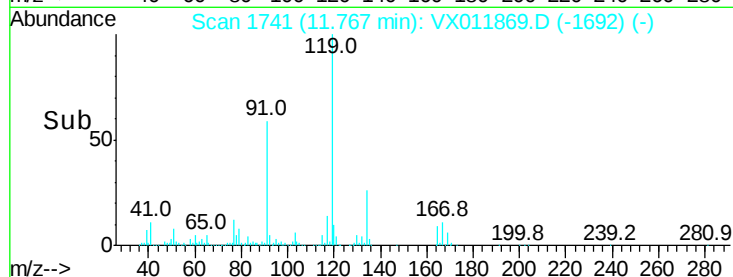
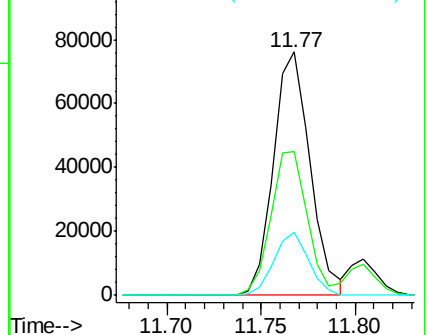
134 24.6 12.4 37.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 8.535 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX011869.D

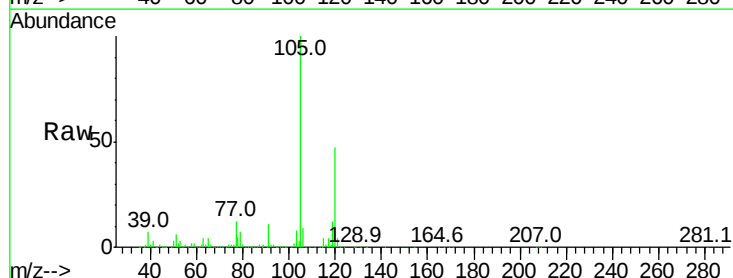
Acq: 28 Aug 2019 11:09

Tgt Ion:105 Resp: 106555

Ion Ratio Lower Upper

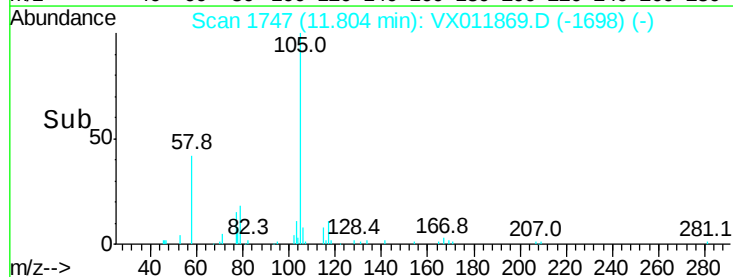
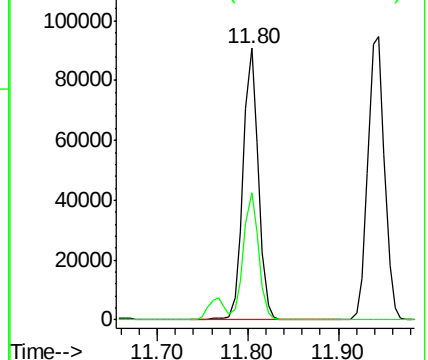
105 100

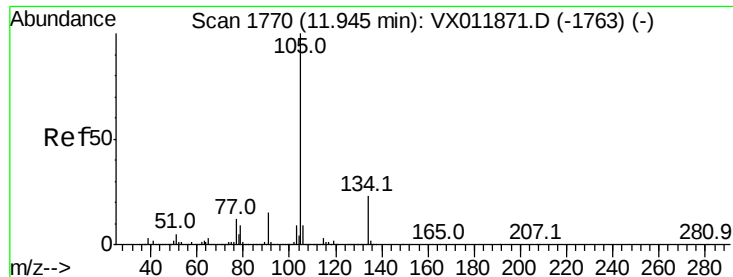
120 46.2 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

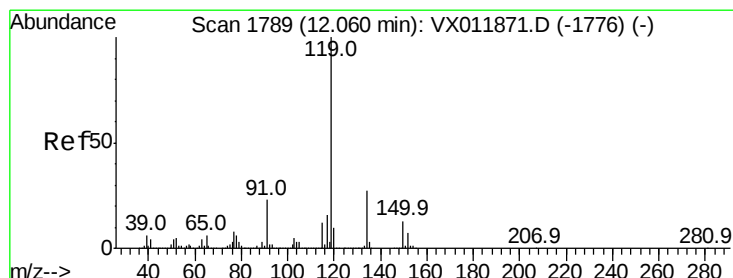
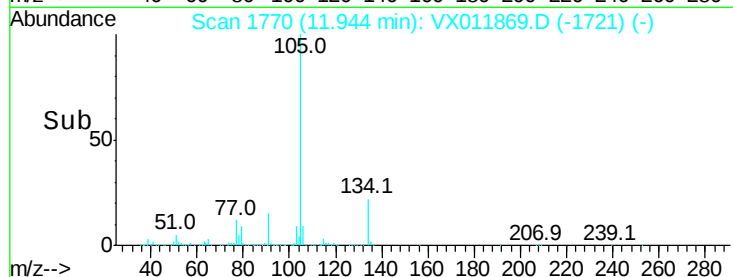
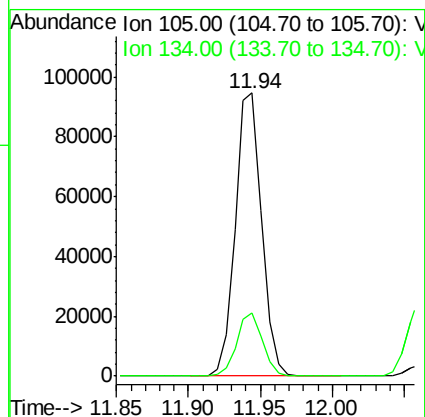
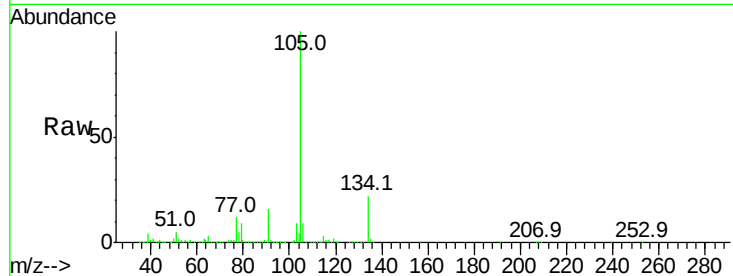




#85
 sec-Butylbenzene
 Concen: 7.880 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX011869.D
 Acq: 28 Aug 2019 11:09

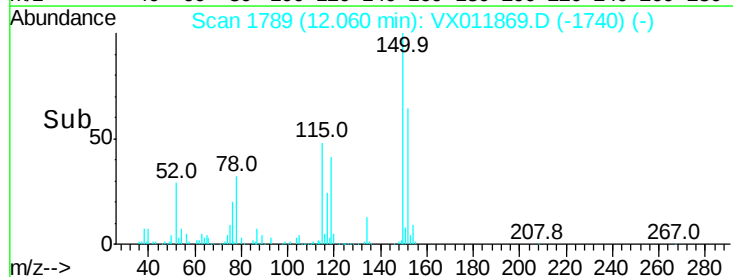
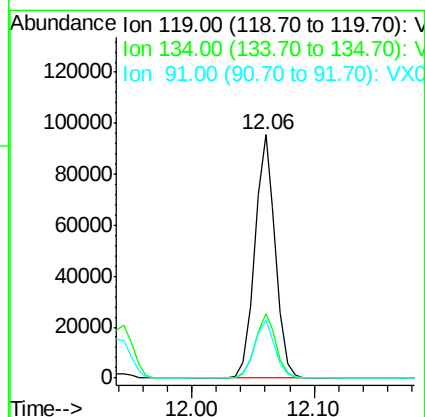
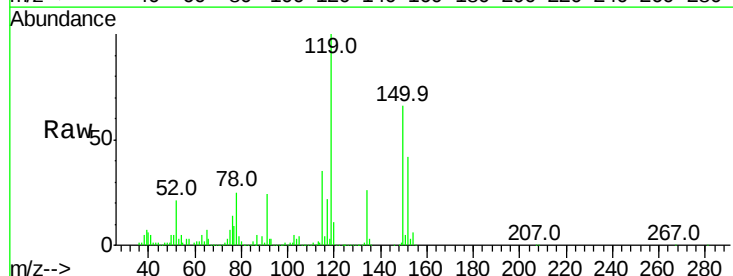
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC010

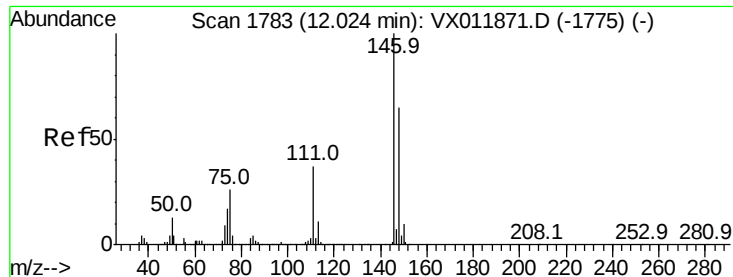
Tgt Ion:105 Resp: 120932
 Ion Ratio Lower Upper
 105 100
 134 21.8 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 7.939 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX011869.D
 Acq: 28 Aug 2019 11:09

Tgt Ion:119 Resp: 110746
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.5 40.5
 91 24.1 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 8.950 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX011869.D

Acq: 28 Aug 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

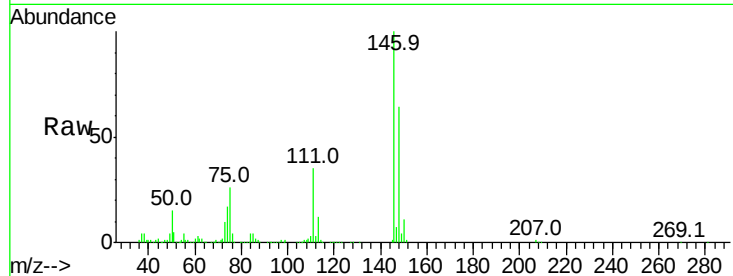
Tgt Ion:146 Resp: 67072

Ion Ratio Lower Upper

146 100

111 36.7 18.8 56.3

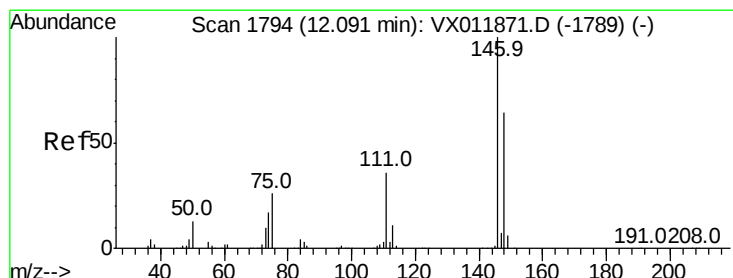
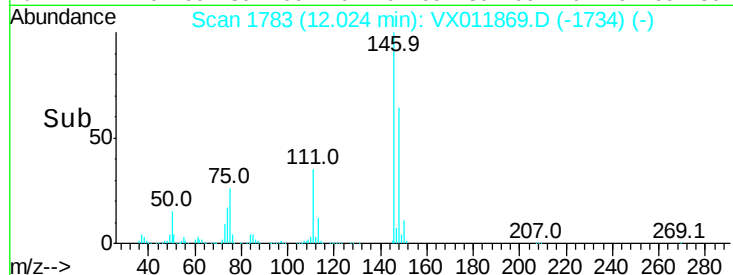
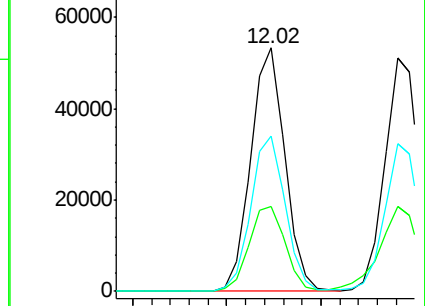
148 64.4 32.0 96.2



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



#88

1,4-Dichlorobenzene

Concen: 8.595 ug/l

RT: 12.09 min Scan# 1794

Delta R.T. -0.00 min

Lab File: VX011869.D

Acq: 28 Aug 2019 11:09

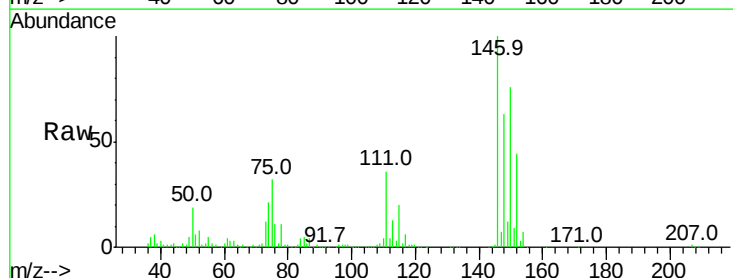
Tgt Ion:146 Resp: 65713

Ion Ratio Lower Upper

146 100

111 39.9 18.3 54.8

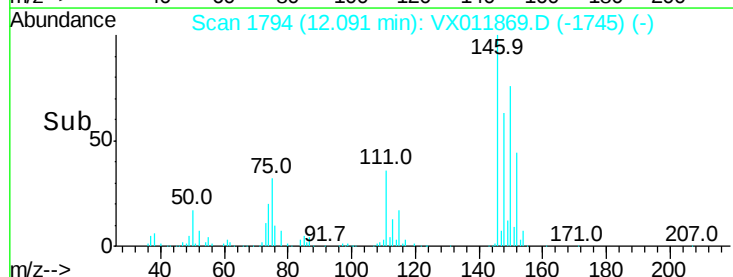
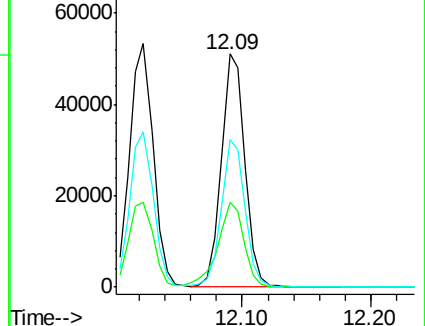
148 64.3 32.3 96.8

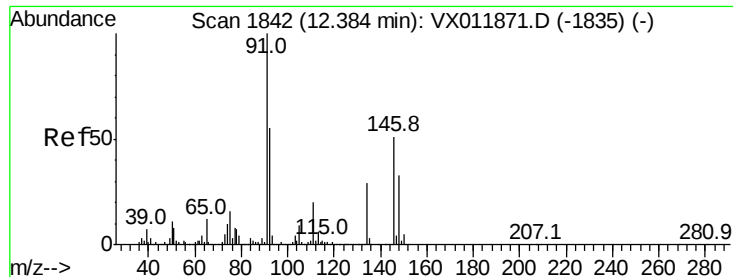


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

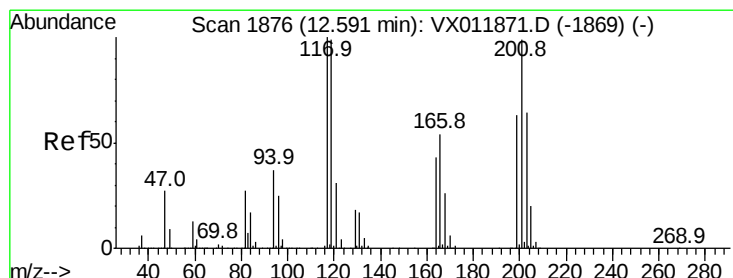
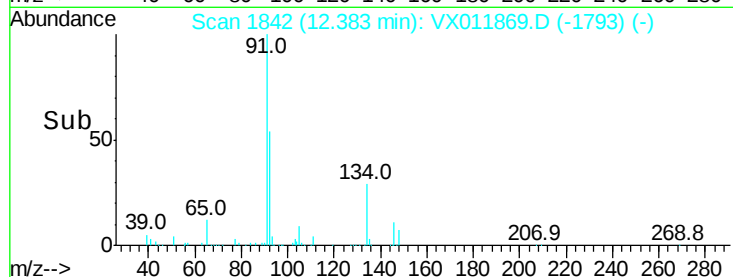
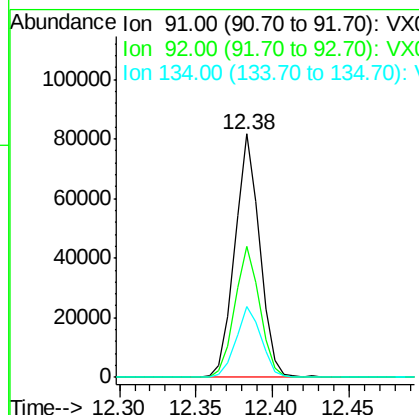
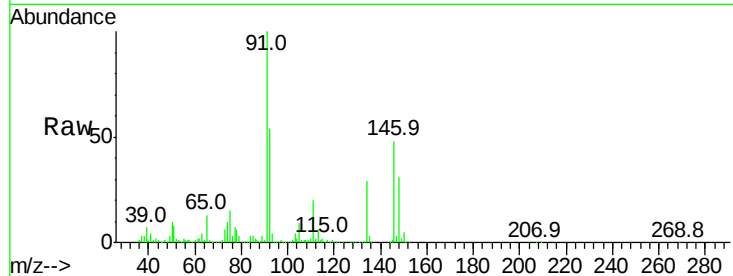




#89
n-Butylbenzene
Concen: 6.902 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX011869.D
Acq: 28 Aug 2019 11:09

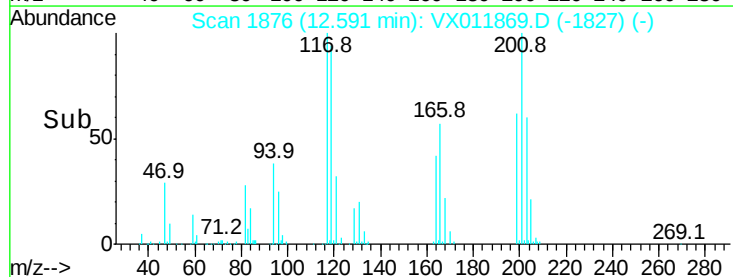
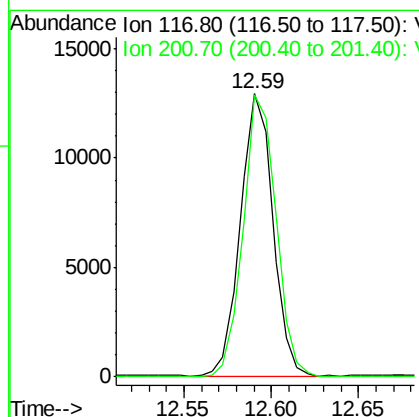
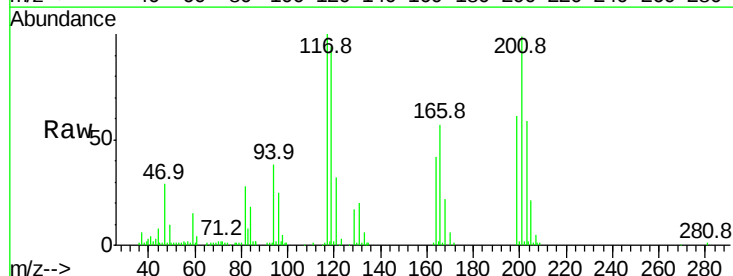
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

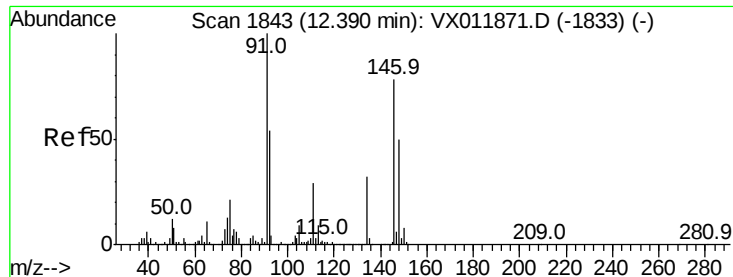
Tgt Ion: 91 Resp: 91636
Ion Ratio Lower Upper
91 100
92 54.3 27.6 82.7
134 29.5 14.4 43.4



#90
Hexachloroethane
Concen: 8.131 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.00 min
Lab File: VX011869.D
Acq: 28 Aug 2019 11:09

Tgt Ion: 117 Resp: 16842
Ion Ratio Lower Upper
117 100
201 100.2 51.0 153.1





#91

1,2-Dichlorobenzene

Concen: 8.109 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX011869.D

Acq: 28 Aug 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

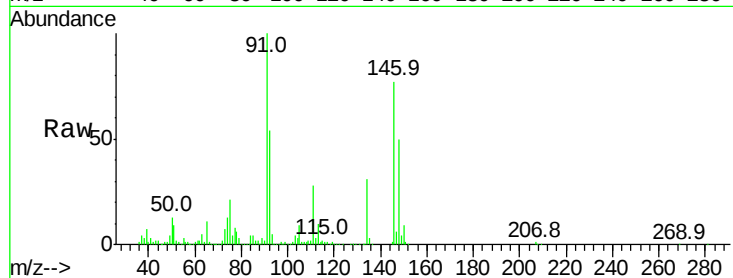
Tgt Ion:146 Resp: 56592

Ion Ratio Lower Upper

146 100

111 39.9 19.3 57.9

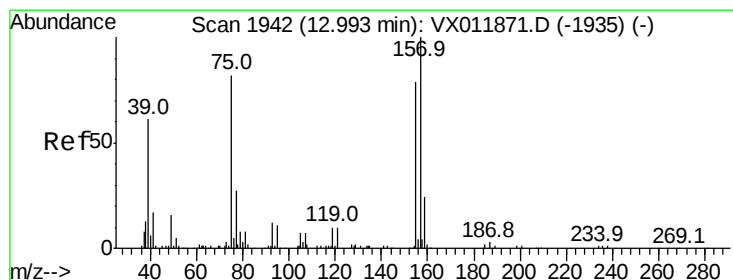
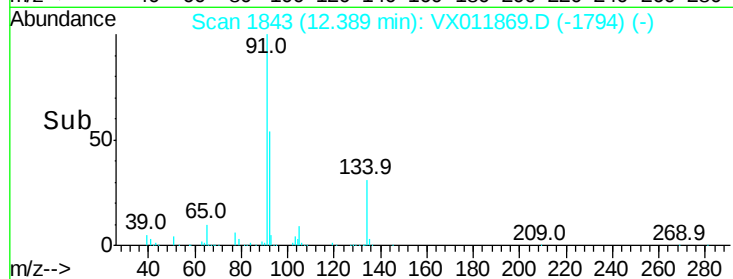
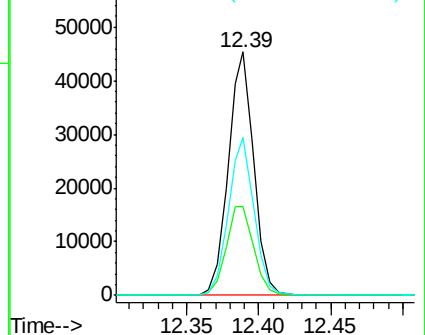
148 65.1 32.0 96.0



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: 4.207 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.01 min

Lab File: VX011869.D

Acq: 28 Aug 2019 11:09

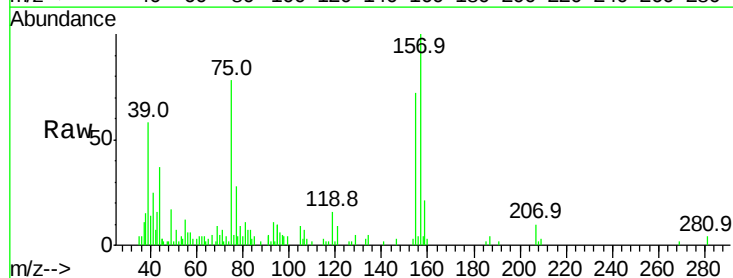
Tgt Ion: 75 Resp: 3084

Ion Ratio Lower Upper

75 100

155 91.9 50.3 150.9

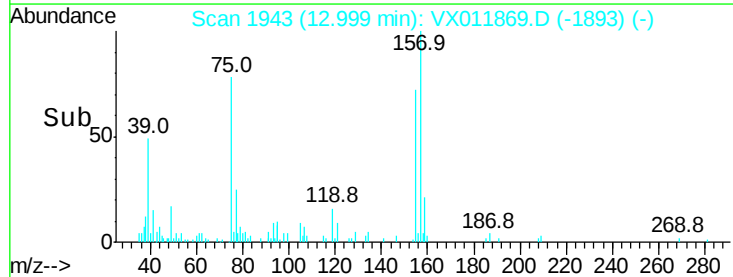
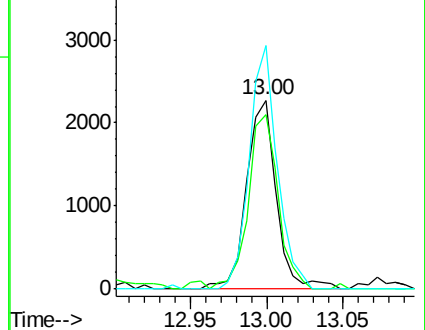
157 120.4 64.7 194.1

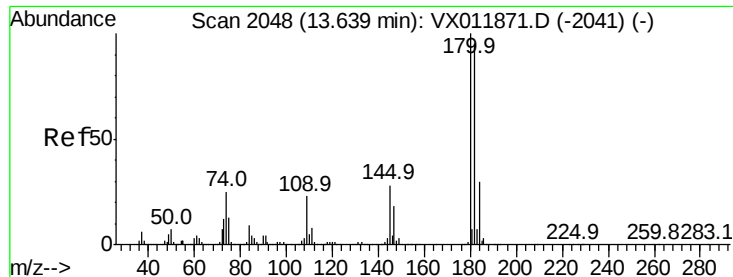


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

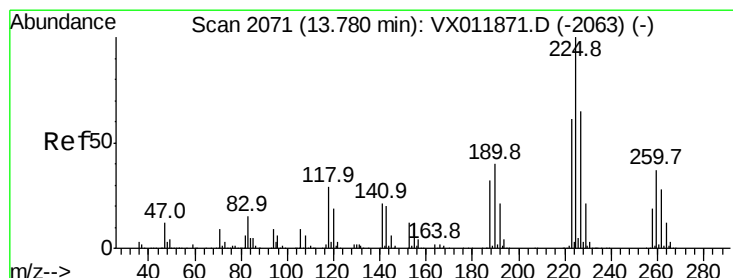
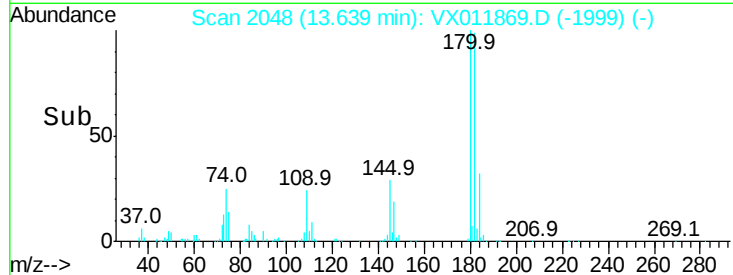
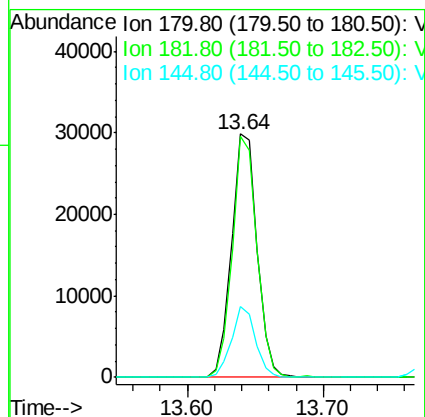
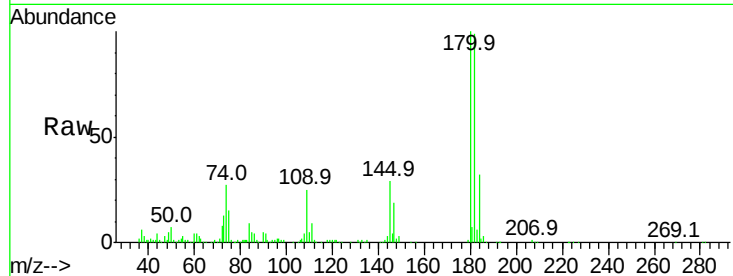




#93
 1,2,4-Trichlorobenzene
 Concen: 7.019 ug/l
 RT: 13.64 min Scan# 2048
 Delta R.T. -0.00 min
 Lab File: VX011869.D
 Acq: 28 Aug 2019 11:09

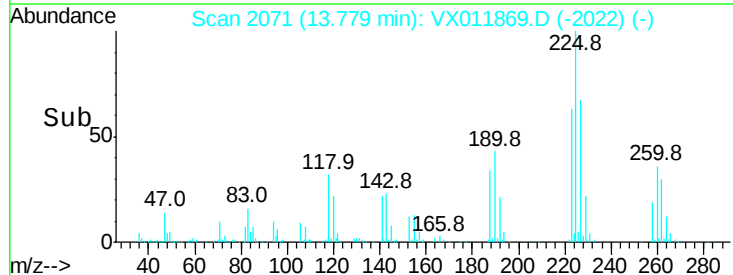
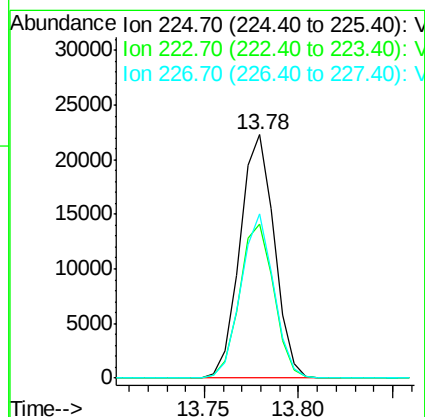
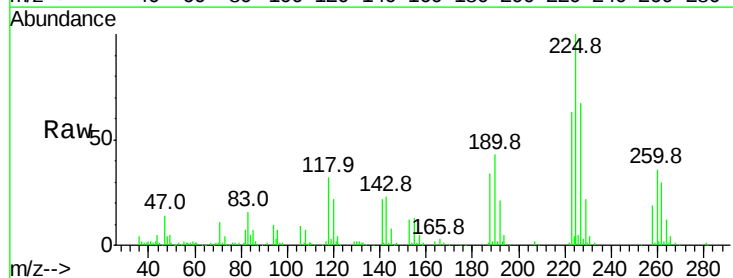
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

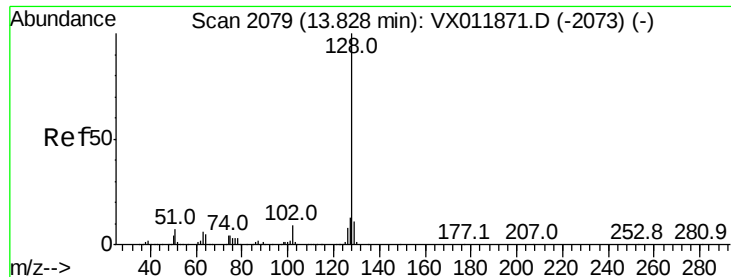
Tgt Ion	Ratio	Resp	Lower	Upper
180	100	38856		
182	95.4	47.9	143.7	
145	27.9	13.8	41.4	



#94
 Hexachlorobutadiene
 Concen: 7.949 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX011869.D
 Acq: 28 Aug 2019 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	28143		
223	63.2	30.9	92.8	
227	64.3	32.5	97.5	





#95

Naphthalene

Concen: 3.770 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. -0.00 min

Lab File: VX011869.D

Acq: 28 Aug 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

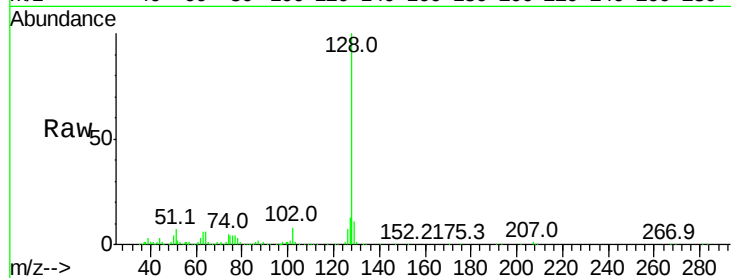
Tgt Ion:128 Resp: 44601

Ion Ratio Lower Upper

128 100

127 13.4 10.4 15.6

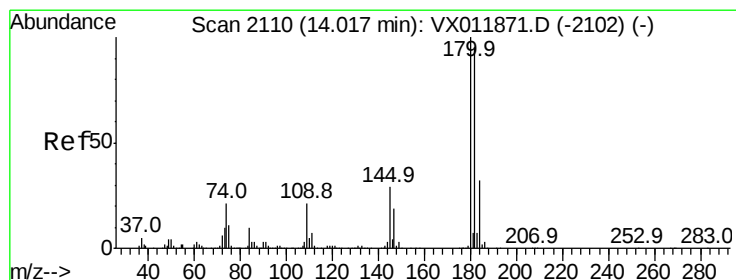
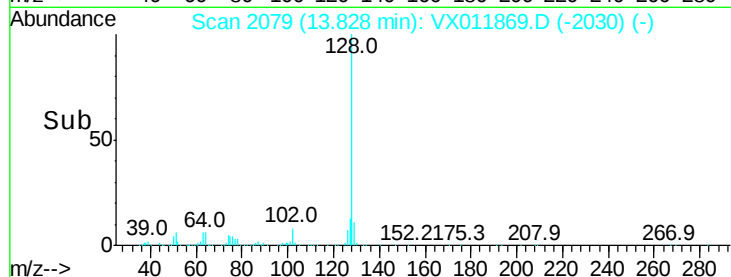
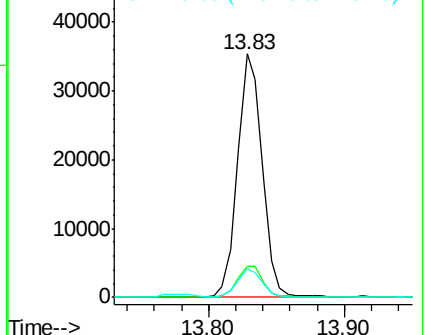
129 11.6 9.0 13.4



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 6.363 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX011869.D

Acq: 28 Aug 2019 11:09

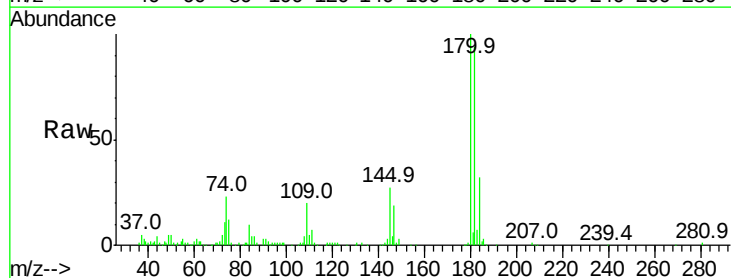
Tgt Ion:180 Resp: 31976

Ion Ratio Lower Upper

180 100

182 95.4 47.9 143.7

145 28.9 14.9 44.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

