

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX030419\
 Data File : VX007822.D
 Acq On : 04 Mar 2019 20:22
 Operator : JC/SP
 Sample : VX0304MBSD01
 Misc : 5.0µ/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0304MBSD01

Quant Time: Mar 04 22:05:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	304203	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	450230	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	395386	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	197874	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	162055	43.01	ug/l	0.00
Spiked Amount			Recovery	=	86.02%	
35) Dibromofluoromethane	5.50	113	145520	48.35	ug/l	0.00
Spiked Amount			Recovery	=	96.70%	
50) Toluene-d8	8.71	98	526842	45.72	ug/l	0.00
Spiked Amount			Recovery	=	91.44%	
62) 4-Bromofluorobenzene	11.13	95	188610	44.60	ug/l	0.00
Spiked Amount			Recovery	=	89.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	45012	16.062	ug/l	99
3) Chloromethane	1.33	50	57342	18.465	ug/l	100
4) Vinyl Chloride	1.41	62	61317	19.246	ug/l	93
5) Bromomethane	1.64	94	31701	14.699	ug/l	99
6) Chloroethane	1.73	64	92313	45.352	ug/l	90
7) Trichlorofluoromethane	1.93	101	80551	16.493	ug/l	97
8) Diethyl Ether	2.19	74	36244	18.082	ug/l	85
9) 1,1,2-Trichlorotrifluoroet	2.39	101	47980	16.253	ug/l	99
10) Methyl Iodide	2.51	142	69751	18.976	ug/l	97
11) Tert butyl alcohol	3.07	59	72091	100.835	ug/l	100
12) 1,1-Dichloroethene	2.38	96	49538	18.617	ug/l	99
13) Acrolein	2.30	56	42454	66.824	ug/l	98
14) Allyl chloride	2.73	41	103485	21.033	ug/l	88
15) Acrylonitrile	3.15	53	171954	102.203	ug/l	99
16) Acetone	2.45	43	141395	84.381	ug/l	99
17) Carbon Disulfide	2.57	76	147625	19.941	ug/l	98
18) Methyl Acetate	2.78	43	82836	22.654	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	178042	19.214	ug/l	99
20) Methylene Chloride	2.86	84	55798	18.033	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	53660	18.550	ug/l	95
22) Diisopropyl ether	3.87	45	196407	19.176	ug/l	96
23) Vinyl Acetate	3.82	43	844023	93.925	ug/l	98
24) 1,1-Dichloroethane	3.70	63	105539	18.960	ug/l	98
25) 2-Butanone	4.70	43	235981	92.451	ug/l	95
26) 2,2-Dichloropropane	4.59	77	65235	14.682	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	91333	24.813	ug/l	97
28) Bromochloromethane	5.02	49	54002	19.928	ug/l	87
29) Tetrahydrofuran	5.15	42	157516	93.618	ug/l	94
30) Chloroform	5.21	83	100924	16.926	ug/l	99
31) Cyclohexane	5.58	56	89844	17.159	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	86015	17.443	ug/l	98
36) 1,1-Dichloropropene	5.80	75	72529	17.918	ug/l	98
37) Ethyl Acetate	4.85	43	89714	19.953	ug/l	99
38) Carbon Tetrachloride	5.78	117	75477	18.563	ug/l	98

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 ClientSampleId :
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Quant Time: Mar 04 22:05:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	85700	16.752	ug/l	95
40) Benzene	6.15	78	230408	18.440	ug/l	100
41) Methacrylonitrile	5.06	41	50659	21.099	ug/l	94
42) 1,2-Dichloroethane	6.20	62	76350	18.180	ug/l	99
43) Isopropyl Acetate	6.46	43	138237	19.976	ug/l	98
44) Trichloroethene	7.21	130	70379	20.475	ug/l	94
45) 1,2-Dichloropropane	7.52	63	62411	19.282	ug/l	99
46) Dibromomethane	7.66	93	39024	17.282	ug/l	97
47) Bromodichloromethane	7.90	83	77634	19.839	ug/l	98
48) Methyl methacrylate	7.77	41	71113	19.604	ug/l	91
49) 1,4-Dioxane	7.75	88	27767	354.413	ug/l	92
51) 4-Methyl-2-Pentanone	8.65	43	451477	97.465	ug/l	99
52) Toluene	8.79	92	141918	18.012	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	81583	18.632	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	90809	19.123	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	59226	18.025	ug/l	97
56) Ethyl methacrylate	9.18	69	88649	18.973	ug/l	94
57) 1,3-Dichloropropane	9.37	76	98085	18.649	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	244735	94.983	ug/l	97
59) 2-Hexanone	9.49	43	341677	93.952	ug/l	99
60) Dibromochloromethane	9.58	129	64953	20.544	ug/l	98
61) 1,2-Dibromoethane	9.67	107	61688	18.083	ug/l	98
64) Tetrachloroethene	9.33	164	150713	46.954	ug/l	99
65) Chlorobenzene	10.14	112	156656	18.319	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	58915	19.751	ug/l	98
67) Ethyl Benzene	10.25	91	258005	18.213	ug/l	98
68) m/p-Xylenes	10.36	106	198881	36.088	ug/l	97
69) o-Xylene	10.69	106	97423	18.379	ug/l	97
70) Styrene	10.71	104	159493	18.305	ug/l	99
71) Bromoform	10.86	173	52877	23.639	ug/l	99
73) Isopropylbenzene	11.02	105	260179	18.397	ug/l	99
74) N-amyl acetate	10.90	43	119620	19.478	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	90274	18.456	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	101255	24.007	ug/l	80
77) Bromobenzene	11.26	156	70930	19.996	ug/l	96
78) n-propylbenzene	11.36	91	285805	17.884	ug/l	98
79) 2-Chlorotoluene	11.42	91	173604	18.041	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	210832	18.124	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	25809	18.420	ug/l	92
82) 4-Chlorotoluene	11.51	91	196789	17.482	ug/l	99
83) tert-Butylbenzene	11.77	119	217097	19.437	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	218143	18.333	ug/l	100
85) sec-Butylbenzene	11.94	105	253603	18.119	ug/l	99
86) p-Isopropyltoluene	12.06	119	225602	18.406	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	120340	18.290	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	122225	18.138	ug/l	99
89) n-Butylbenzene	12.38	91	182769	16.720	ug/l	100
90) Hexachloroethane	12.60	117	40204	19.467	ug/l	90
91) 1,2-Dichlorobenzene	12.39	146	123287	18.727	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	18784	17.625	ug/l	99

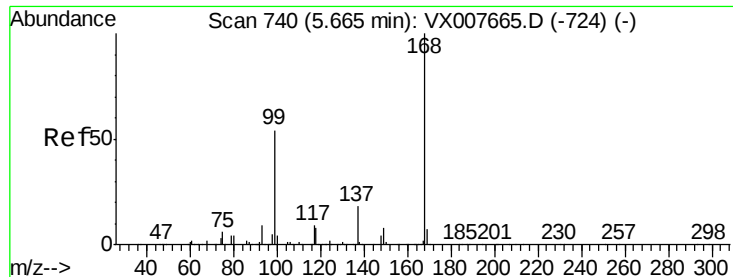
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX030419\
Data File : VX007822.D
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ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0304MBSD01

Quant Time: Mar 04 22:05:23 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 26 01:53:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	83832	20.861	ug/l	99
94) Hexachlorobutadiene	13.78	225	44798	24.368	ug/l	99
95) Naphthalene	13.83	128	253106	19.440	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	85559	21.204	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007822.D

Acq: 04 Mar 2019 20:22

Instrument :

MSVOA_X

ClientSampleId :

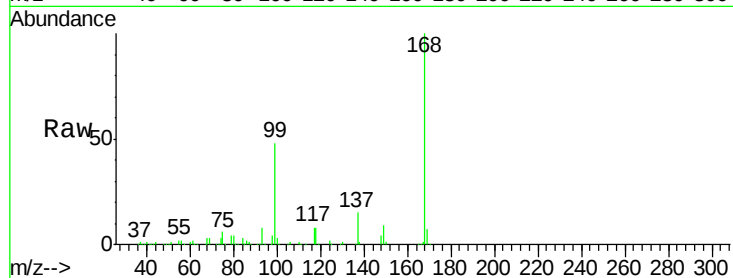
VX0304MBSD01

Tot Ion:168 Resp: 304203

Ion Ratio Lower Upper

168 100

99 48.0 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

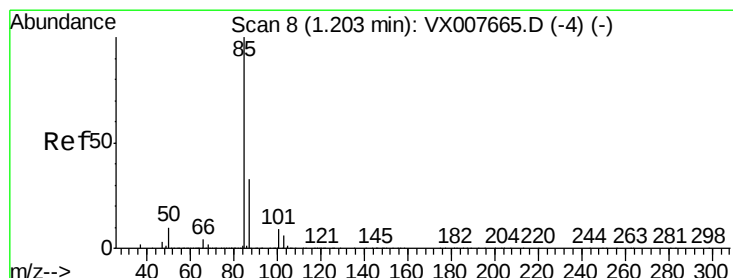
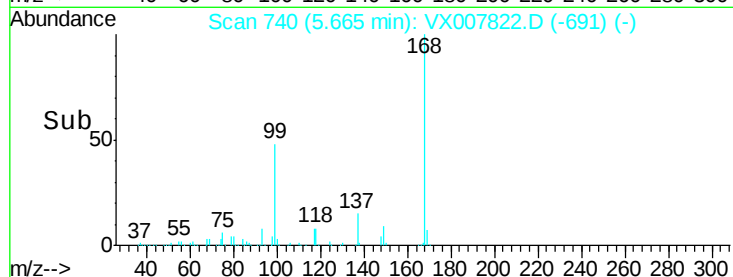
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 16.062 ug/l

RT: 1.20 min Scan# 8

Delta R.T. -0.00 min

Lab File: VX007822.D

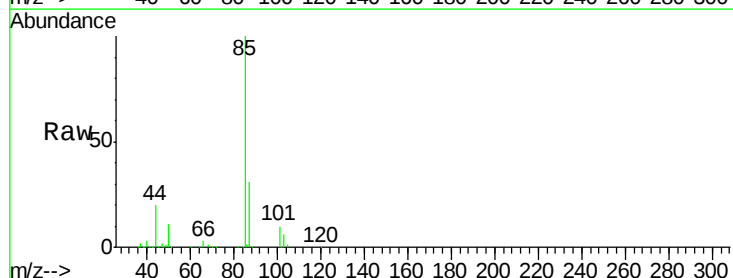
Acq: 04 Mar 2019 20:22

Tgt Ion: 85 Resp: 45012

Ion Ratio Lower Upper

85 100

87 31.0 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

50000

40000

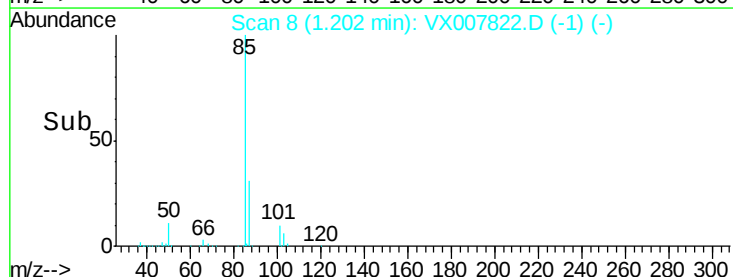
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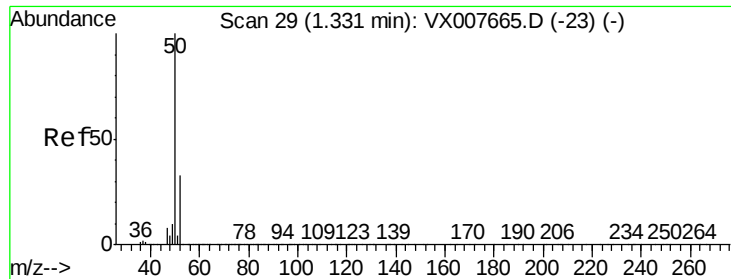
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10000

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Time-->





#3

Chloromethane

Concen: 18.465 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007822.D

Acq: 04 Mar 2019 20:22

Instrument :

MSVOA_X

ClientSampleId :

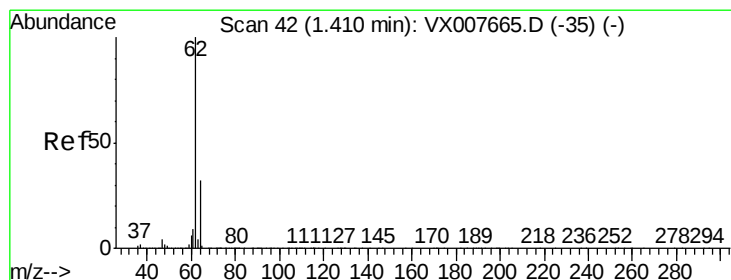
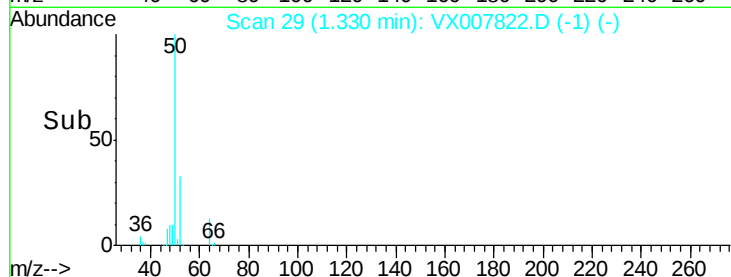
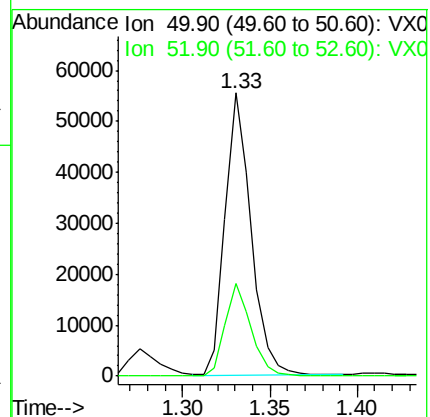
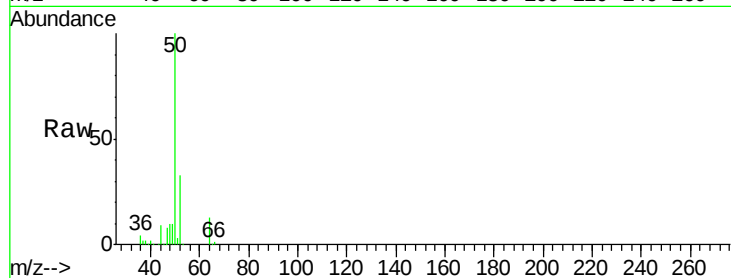
VX0304MBSD01

Tot Ion: 50 Resp: 57342

Ion Ratio Lower Upper

50 100

52 32.9 26.1 39.1



#4

Vinyl Chloride

Concen: 19.246 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007822.D

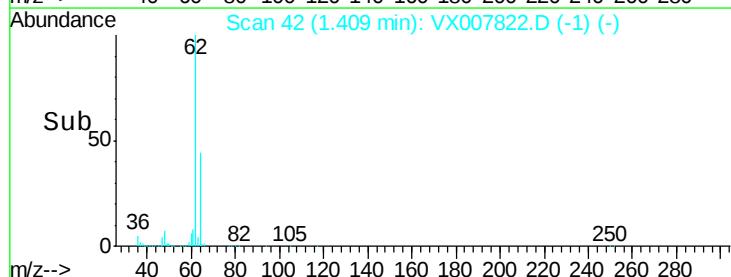
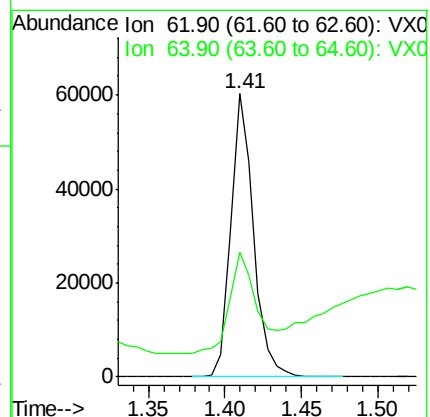
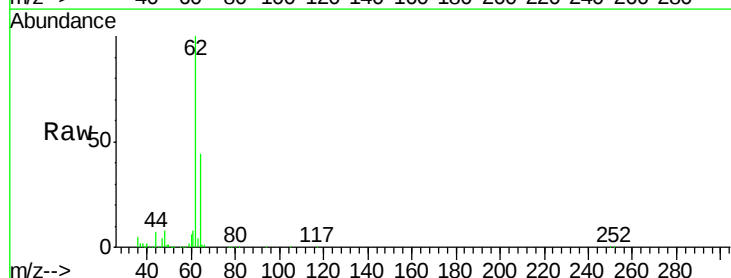
Acq: 04 Mar 2019 20:22

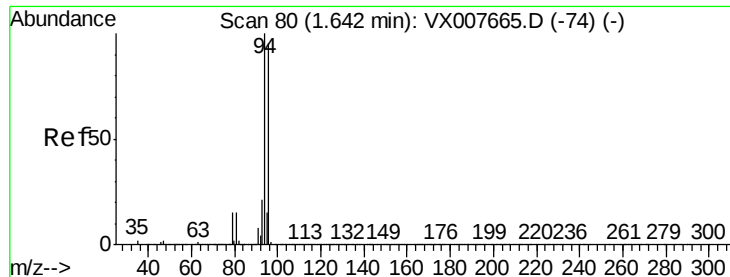
Tgt Ion: 62 Resp: 61317

Ion Ratio Lower Upper

62 100

64 35.5 25.4 38.0





#5

Bromomethane

Concen: 14.699 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007822.D

Acq: 04 Mar 2019 20:22

Instrument :

MSVOA_X

ClientSampleId :

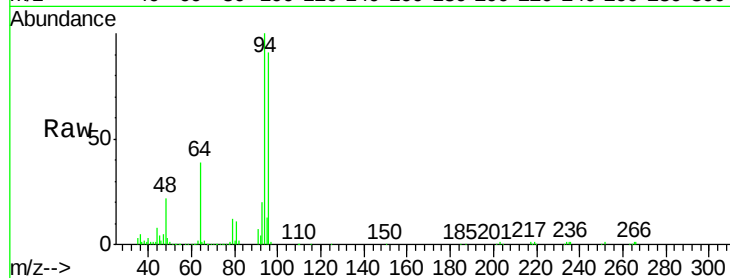
VX0304MBSD01

Tot Ion: 94 Resp: 31701

Ion Ratio Lower Upper

94 100

96 91.6 73.9 110.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

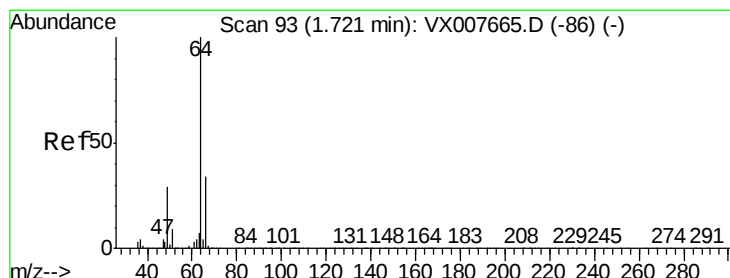
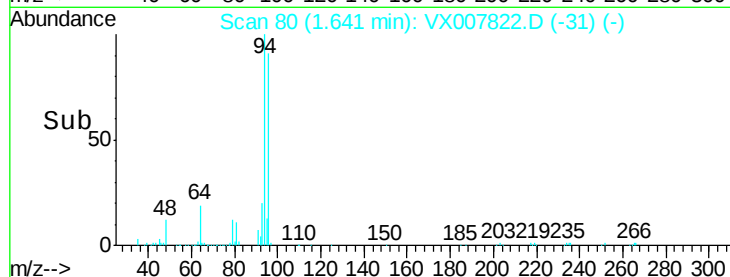
30000

20000

10000

0

Time-->



#6

Chloroethane

Concen: 45.352 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX007822.D

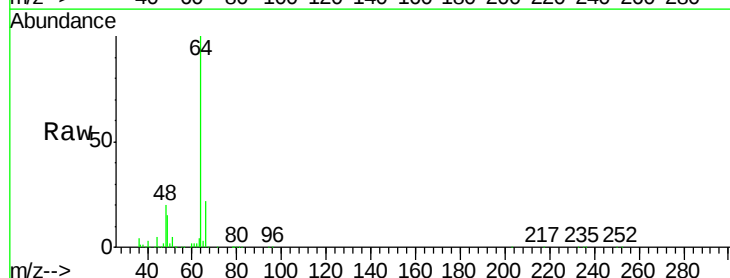
Acq: 04 Mar 2019 20:22

Tgt Ion: 64 Resp: 92313

Ion Ratio Lower Upper

64 100

66 26.5 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.73

50000

40000

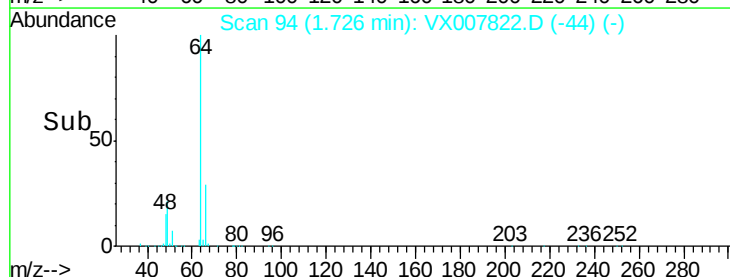
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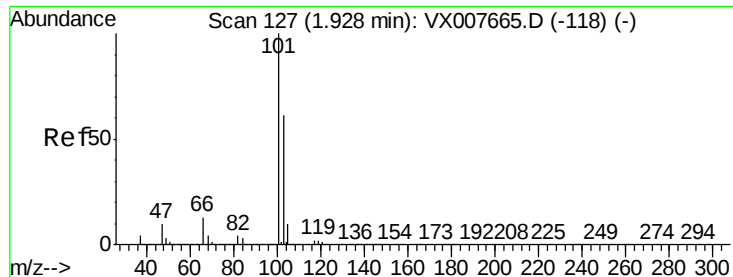
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Time-->



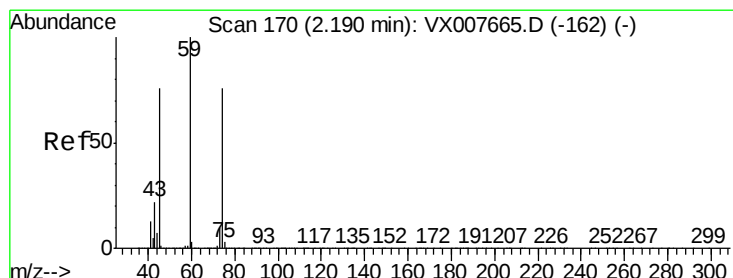
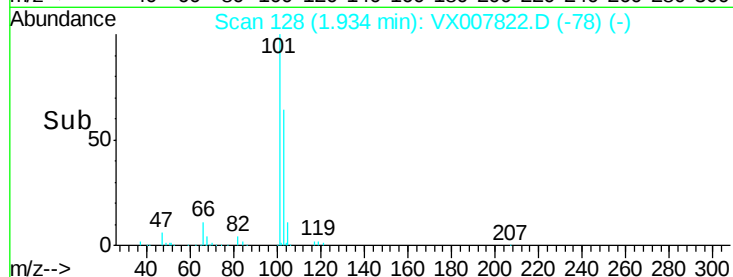
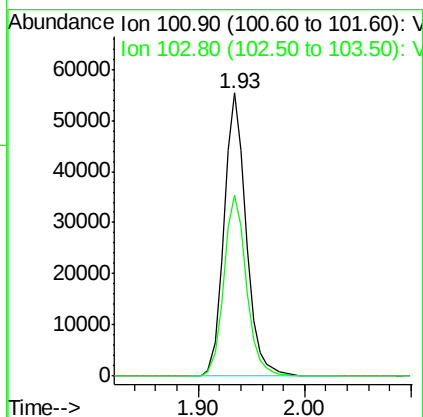
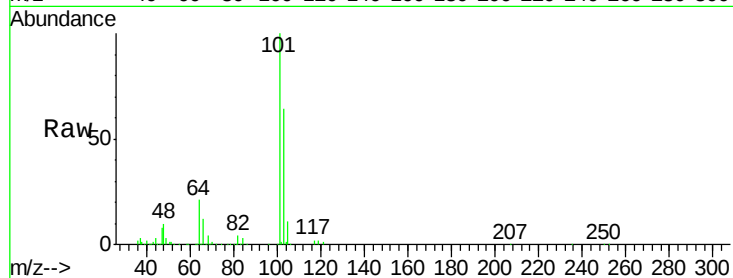


#7

Trichlorofluoromethane
Concen: 16.493 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX007822.D
Acq: 04 Mar 2019 20:22

Instrument :
MSVOA_X
ClientSampleId :
VX0304MBSD01

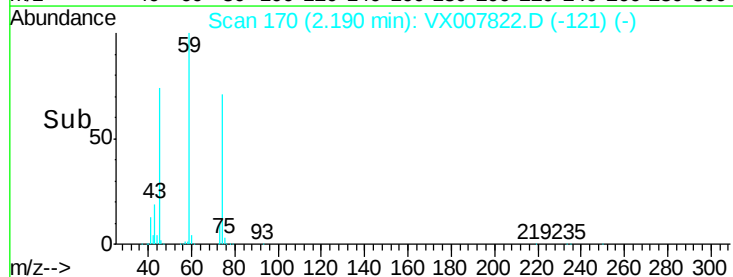
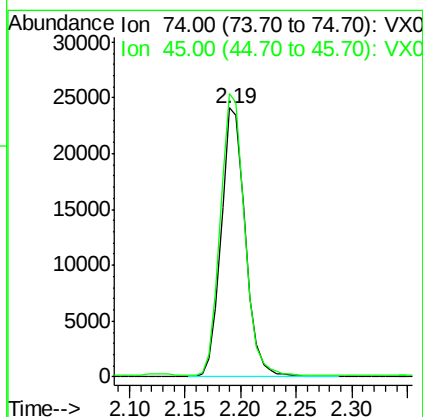
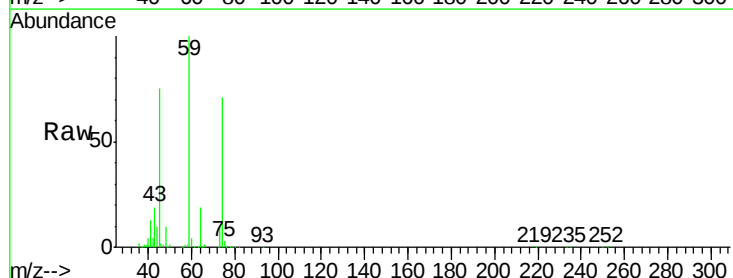
Tot Ion:101 Resp: 80551
Ion Ratio Lower Upper
101 100
103 63.7 52.6 79.0

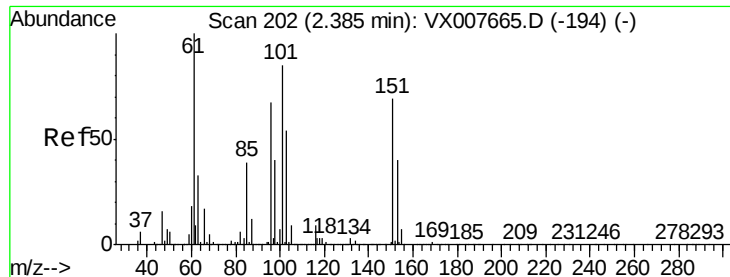


#8

Diethyl Ether
Concen: 18.082 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007822.D
Acq: 04 Mar 2019 20:22

Tgt Ion: 74 Resp: 36244
Ion Ratio Lower Upper
74 100
45 105.5 45.7 137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.253 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX007822.D

Acq: 04 Mar 2019 20:22

Instrument :

MSVOA_X

ClientSampleId :

VX0304MBSD01

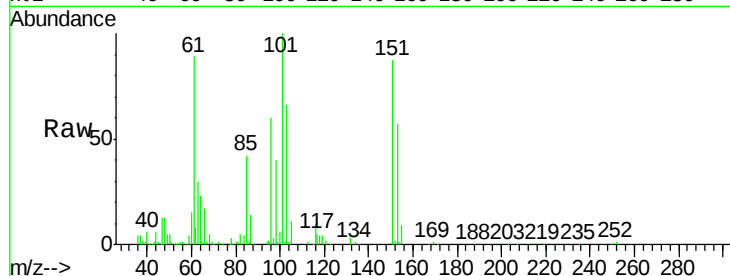
Tot Ion:101 Resp: 47980

Ion Ratio Lower Upper

101 100

85 43.9 34.1 51.1

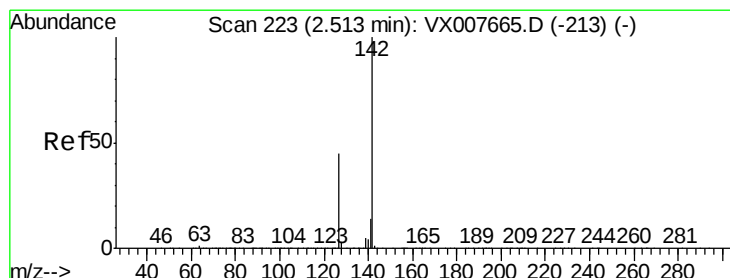
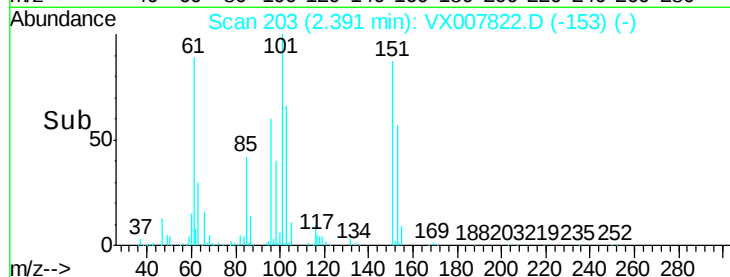
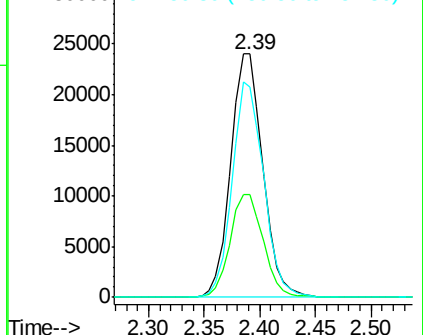
151 86.4 69.9 104.9



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: 18.976 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX007822.D

Acq: 04 Mar 2019 20:22

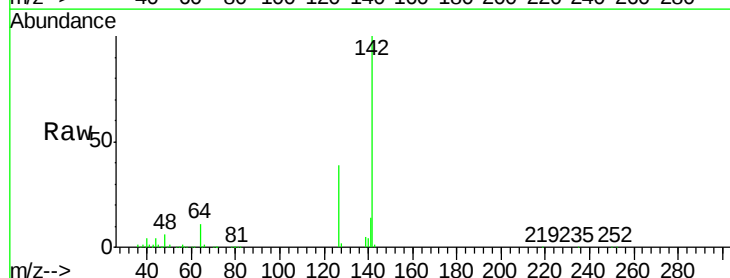
Tgt Ion:142 Resp: 69751

Ion Ratio Lower Upper

142 100

127 39.3 33.7 50.5

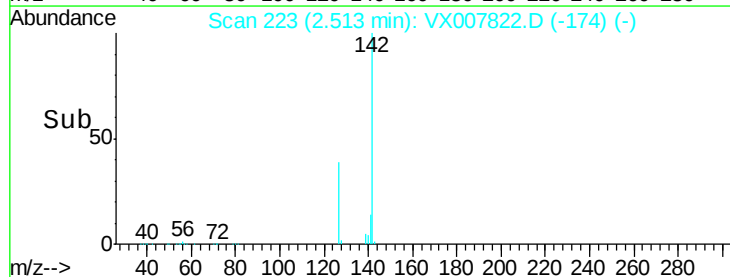
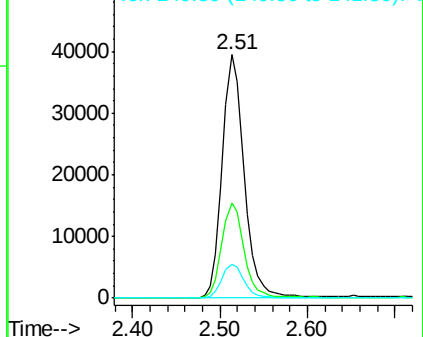
141 14.3 11.3 16.9

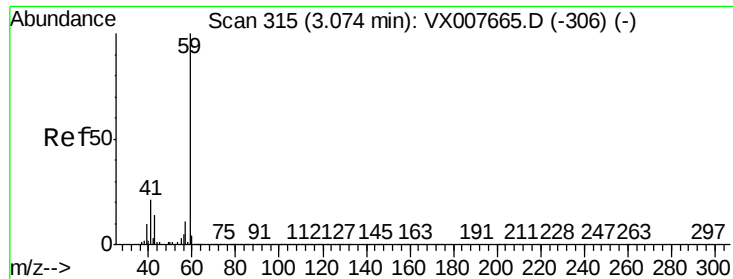


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



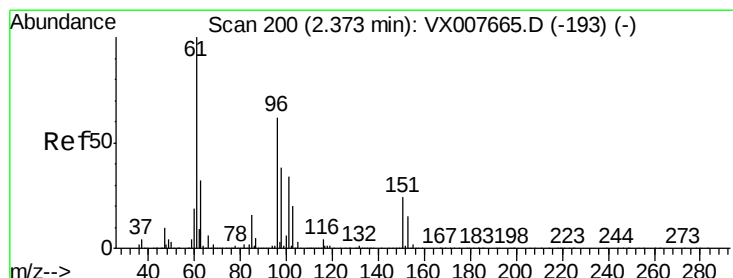
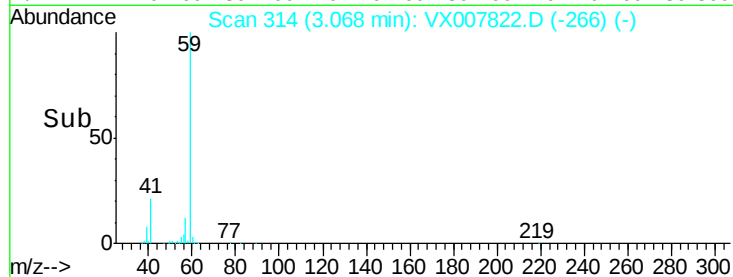
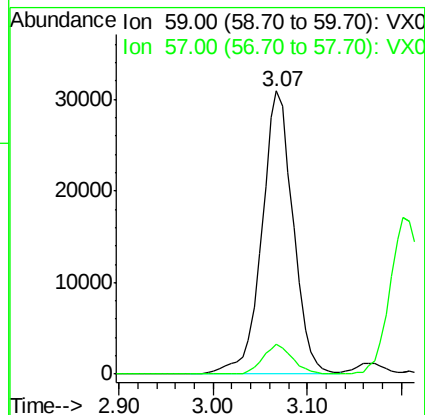
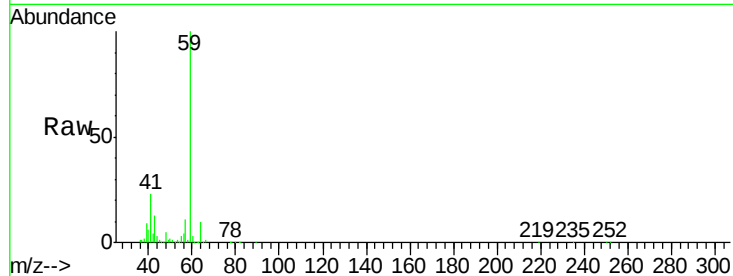


#11

Tert butyl alcohol
Concen: 100.835 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX007822.D
Acq: 04 Mar 2019 20:22

Instrument :
MSVOA_X
ClientSampleId :
VX0304MBSD01

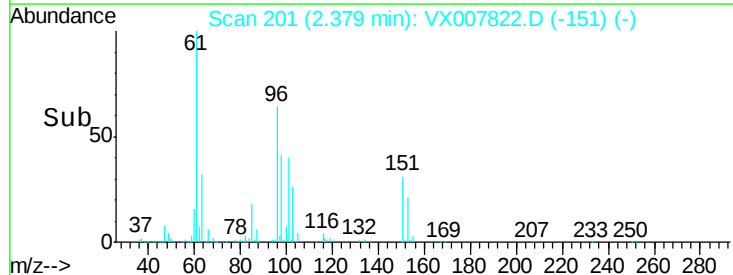
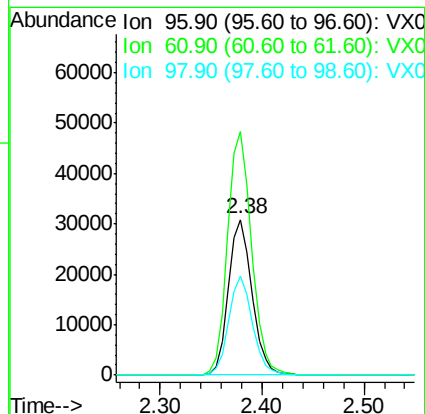
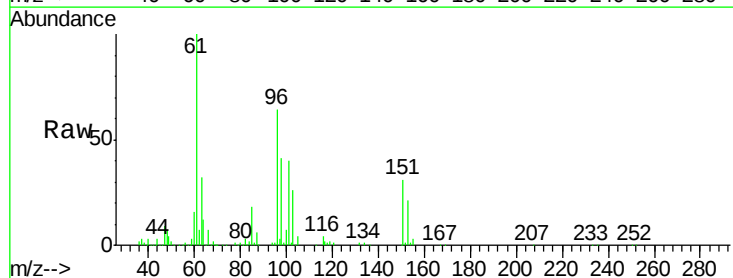
Tot Ion: 59 Resp: 72091
Ion Ratio Lower Upper
59 100
57 10.0 8.1 12.1

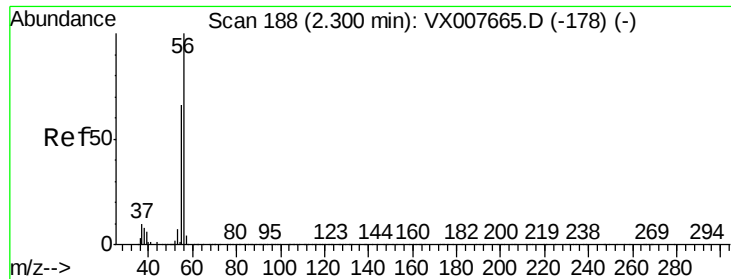


#12

1,1-Dichloroethene
Concen: 18.617 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007822.D
Acq: 04 Mar 2019 20:22

Tgt Ion: 96 Resp: 49538
Ion Ratio Lower Upper
96 100
61 156.2 123.0 184.4
98 63.8 50.9 76.3





#13

Acrolein

Concen: 66.824 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX007822.D

Acq: 04 Mar 2019 20:22

Instrument :

MSVOA_X

ClientSampleId :

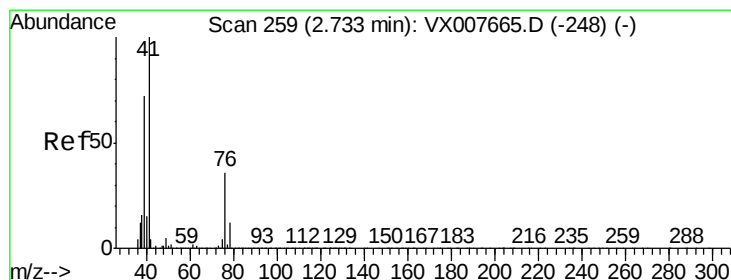
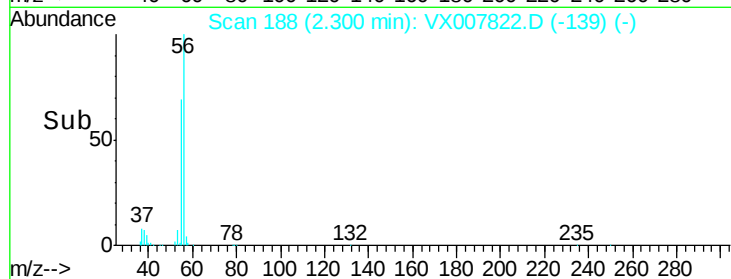
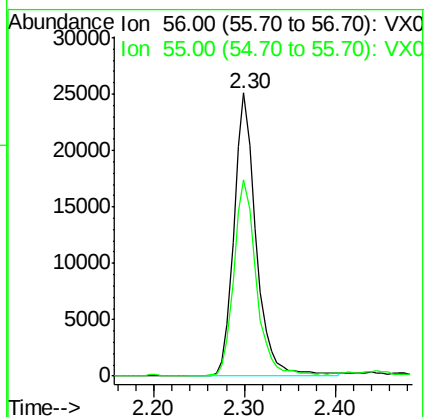
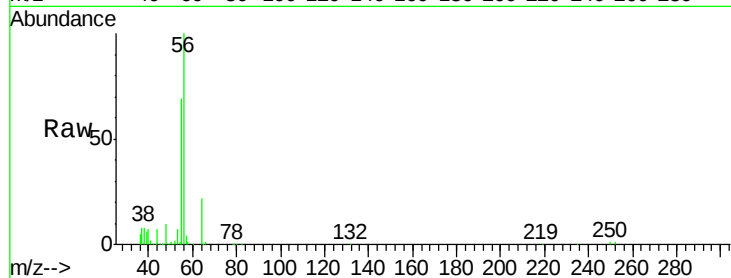
VX0304MBSD01

Tot Ion: 56 Resp: 42454

Ion Ratio Lower Upper

56 100

55 69.3 56.9 85.3



#14

Allyl chloride

Concen: 21.033 ug/l

RT: 2.73 min Scan# 259

Delta R.T. -0.00 min

Lab File: VX007822.D

Acq: 04 Mar 2019 20:22

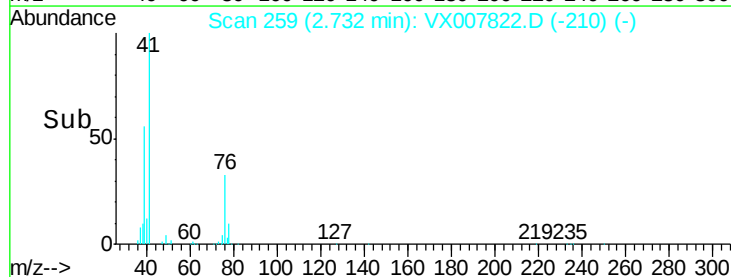
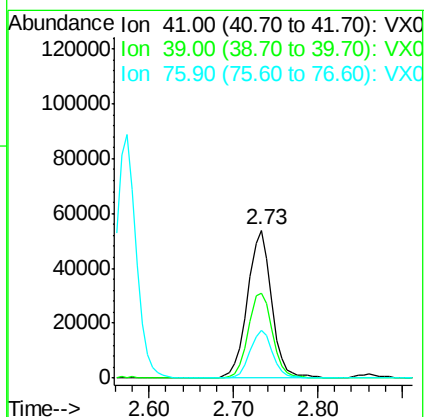
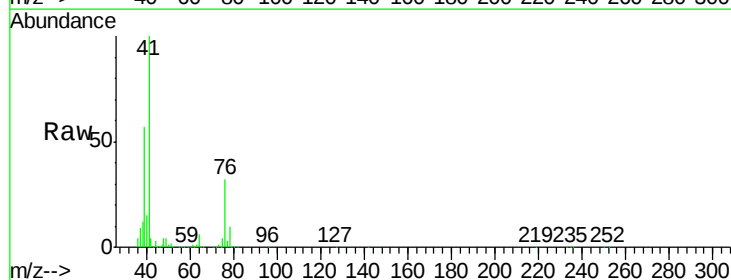
Tgt Ion: 41 Resp: 103485

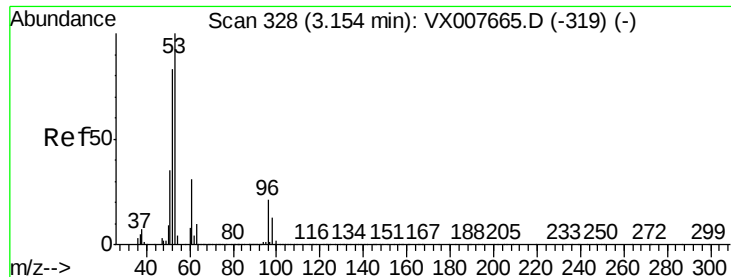
Ion Ratio Lower Upper

41 100

39 57.0 54.1 81.1

76 29.9 27.8 41.8





#15

Acrylonitrile

Concen: 102.203 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX007822.D

Acq: 04 Mar 2019 20:22

Instrument :

MSVOA_X

ClientSampleId :

VX0304MBSD01

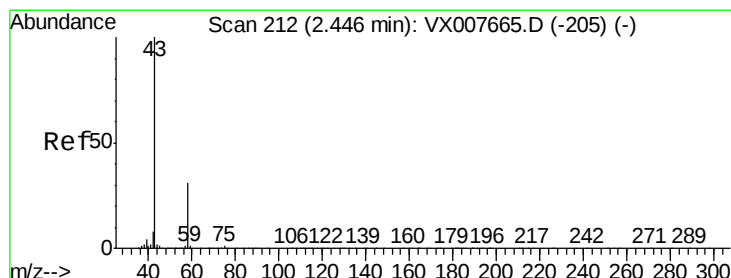
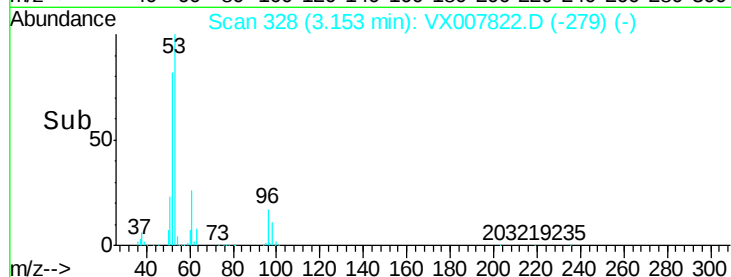
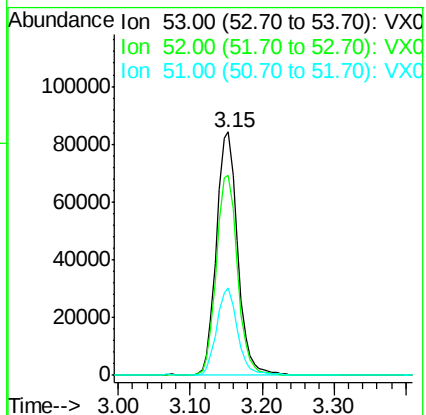
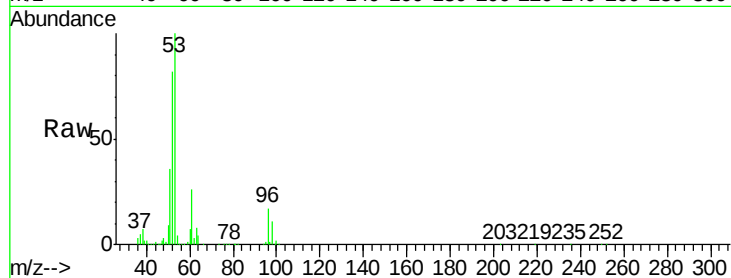
Tot Ion: 53 Resp: 171954

Ion Ratio Lower Upper

53 100

52 82.3 66.4 99.6

51 35.4 28.4 42.6



#16

Acetone

Concen: 84.381 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007822.D

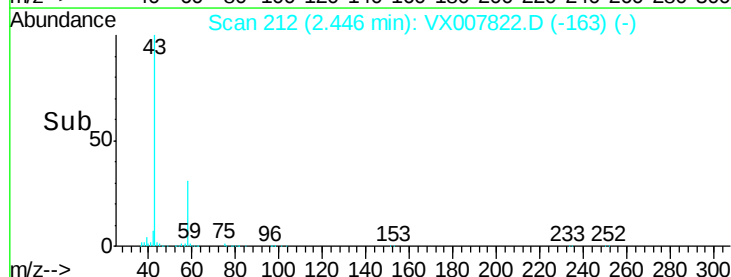
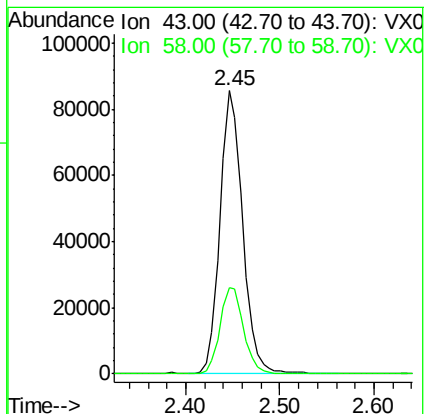
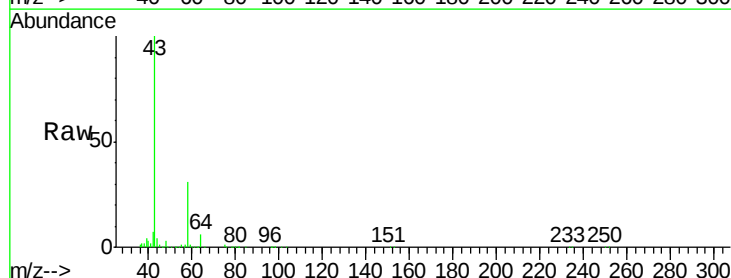
Acq: 04 Mar 2019 20:22

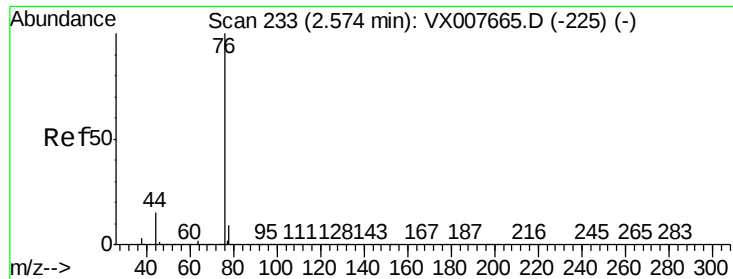
Tgt Ion: 43 Resp: 141395

Ion Ratio Lower Upper

43 100

58 30.7 24.9 37.3

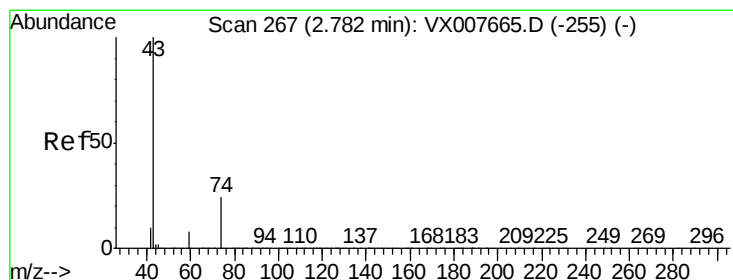
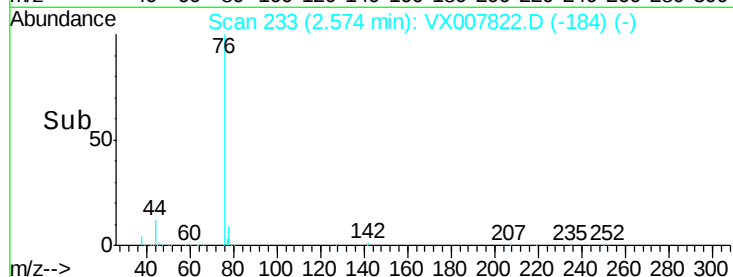
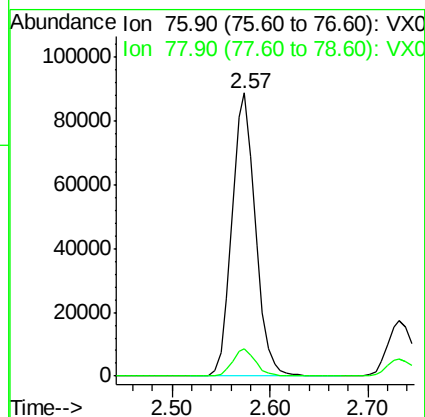
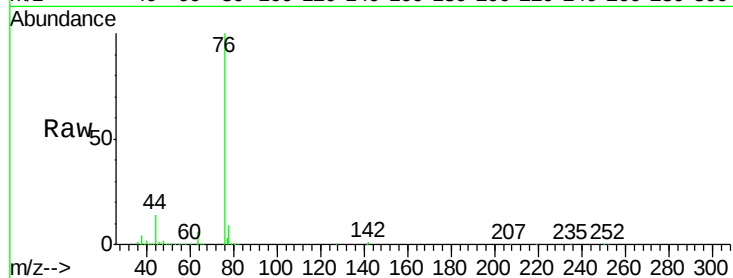




#17
Carbon Disulfide
Concen: 19.941 ug/l
RT: 2.57 min Scan# 233
Delta R.T. -0.00 min
Lab File: VX007822.D
Acq: 04 Mar 2019 20:22

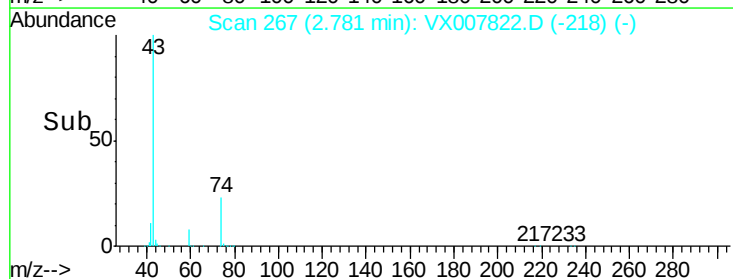
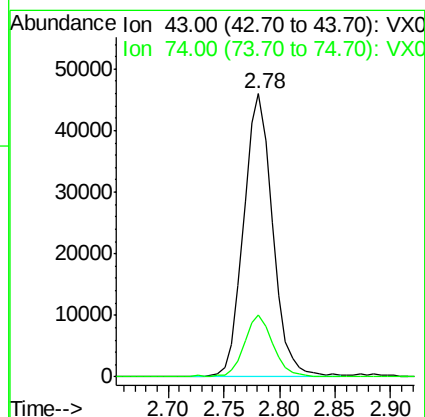
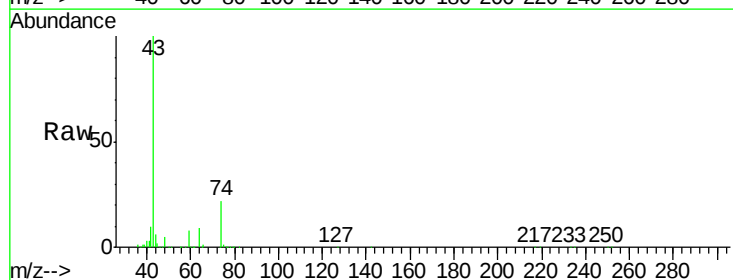
Instrument :
MSVOA_X
ClientSampleId :
VX0304MBSD01

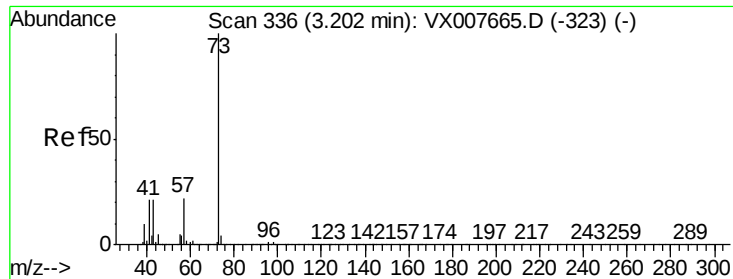
Tot Ion: 76 Resp: 147625
Ion Ratio Lower Upper
76 100
78 9.5 7.1 10.7



#18
Methyl Acetate
Concen: 22.654 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX007822.D
Acq: 04 Mar 2019 20:22

Tgt Ion: 43 Resp: 82836
Ion Ratio Lower Upper
43 100
74 22.1 19.4 29.2

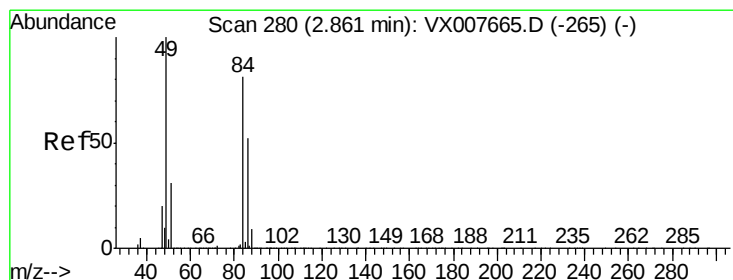
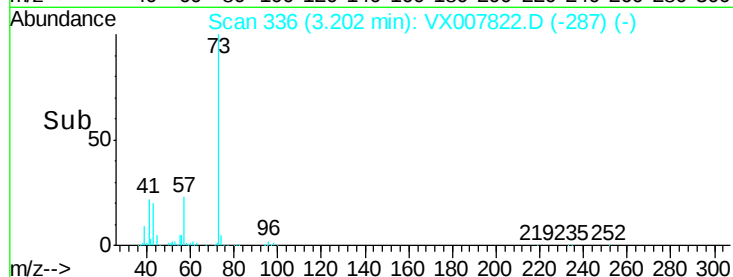
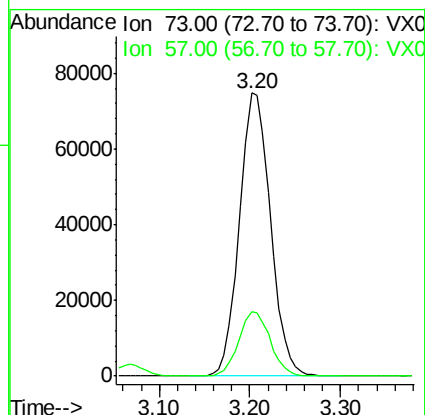
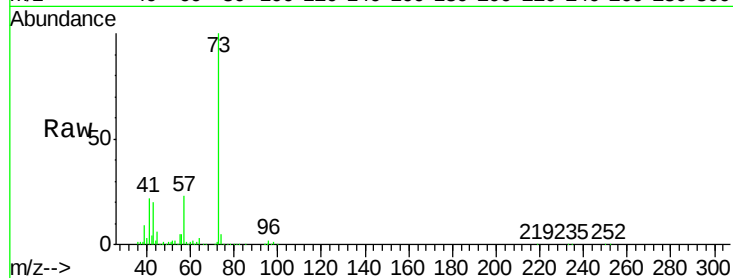




#19
Methvl tert-butvl Ether
Concen: 19.214 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX007822.D
Acq: 04 Mar 2019 20:22

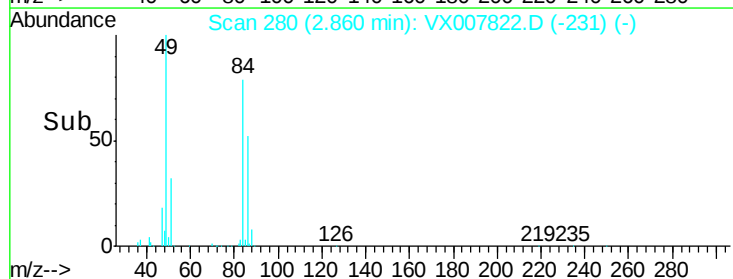
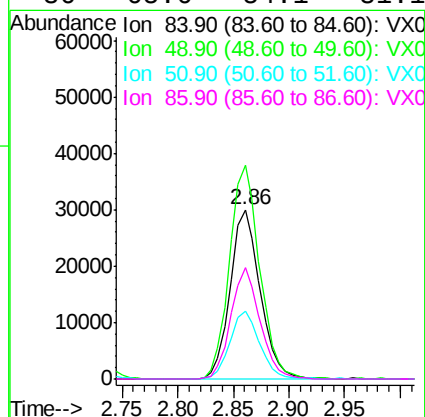
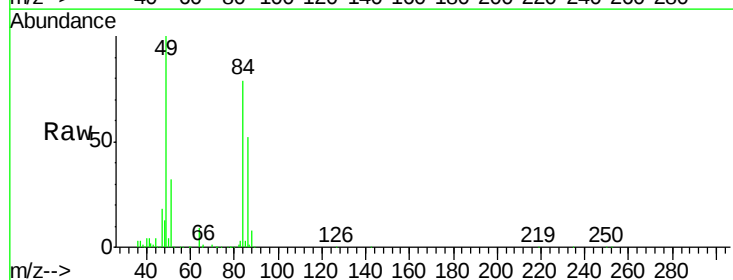
Instrument :
MSVOA_X
ClientSampleId :
VX0304MBSD01

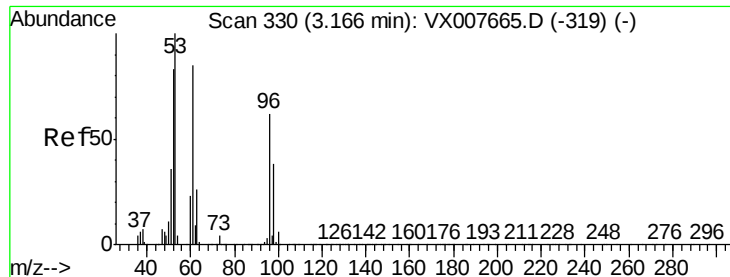
Tot Ion: 73 Resp: 178042
Ion Ratio Lower Upper
73 100
57 22.9 17.8 26.8



#20
Methylene Chloride
Concen: 18.033 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX007822.D
Acq: 04 Mar 2019 20:22

Tgt Ion: 84 Resp: 55798
Ion Ratio Lower Upper
84 100
49 126.0 94.8 142.2
51 39.7 29.8 44.8
86 65.6 54.1 81.1





#21

trans-1,2-Dichloroethene

Concen: 18.550 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007822.D

Acq: 04 Mar 2019 20:22

Instrument :

MSVOA_X

ClientSampleId :

VX0304MBSD01

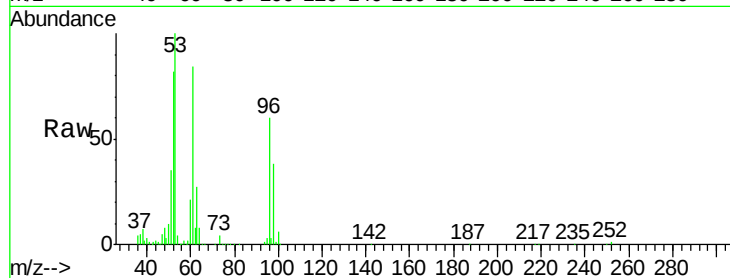
Tot Ion: 96 Resp: 53660

Ion Ratio Lower Upper

96 100

61 139.0 104.6 156.8

98 63.1 51.0 76.4

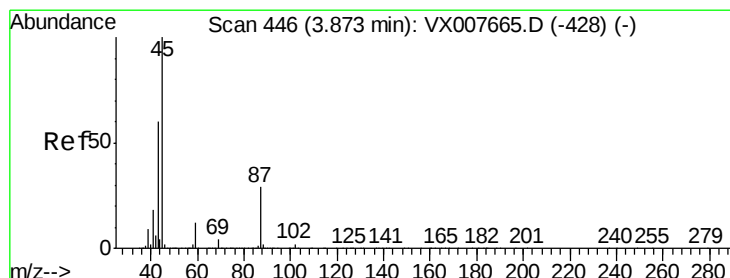
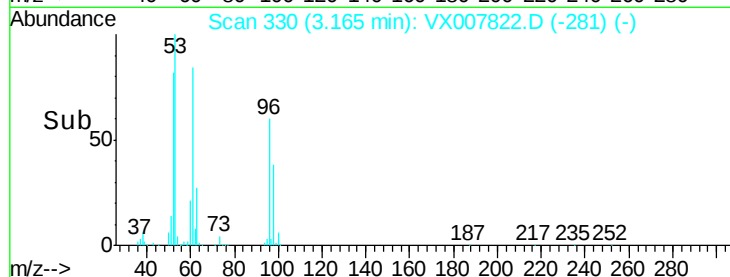
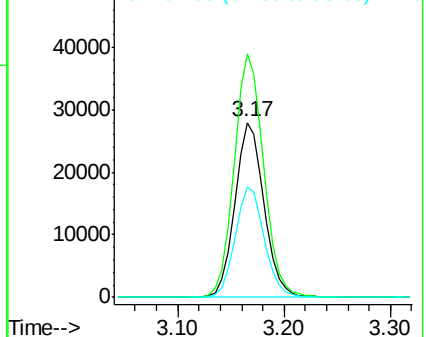


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.176 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX007822.D

Acq: 04 Mar 2019 20:22

Tgt Ion: 45 Resp: 196407

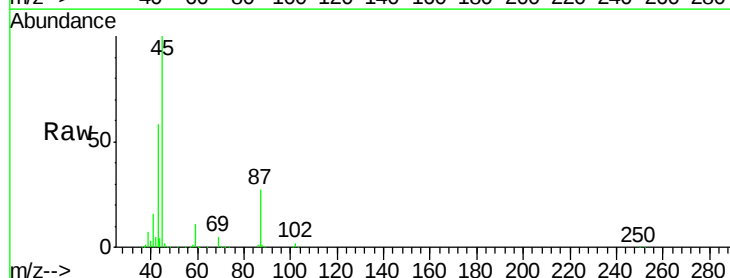
Ion Ratio Lower Upper

45 100

43 58.1 48.9 73.3

87 26.7 23.9 35.9

59 11.4 9.6 14.4



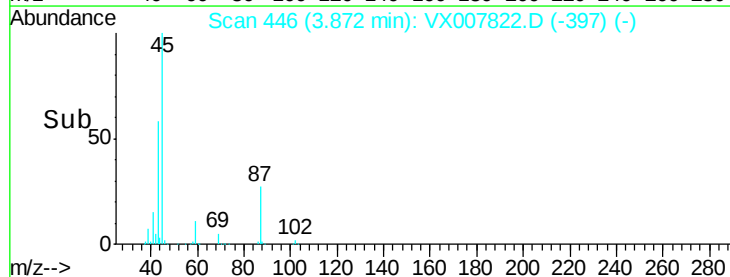
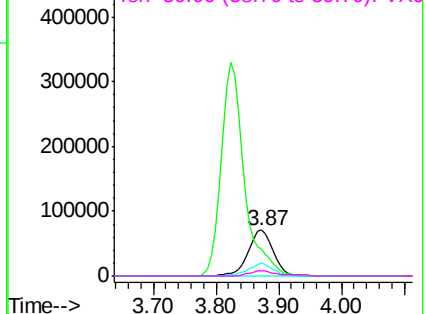
Abundance

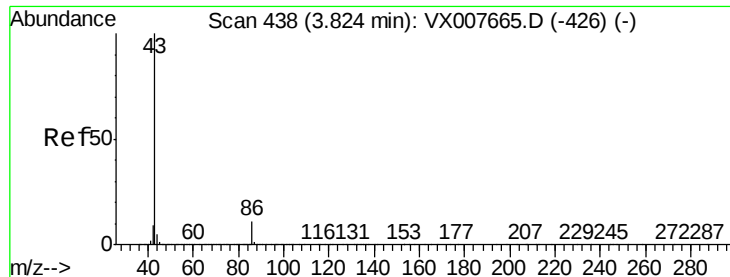
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 93.925 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX007822.D

Acq: 04 Mar 2019 20:22

Instrument :

MSVOA_X

ClientSampleId :

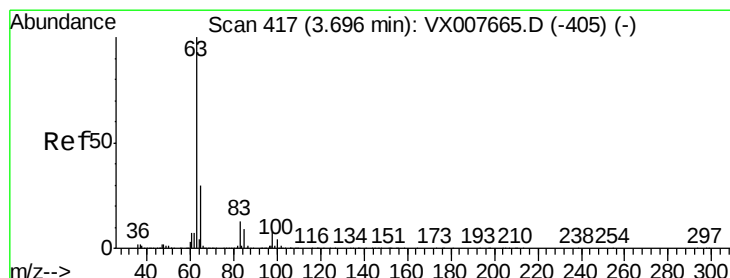
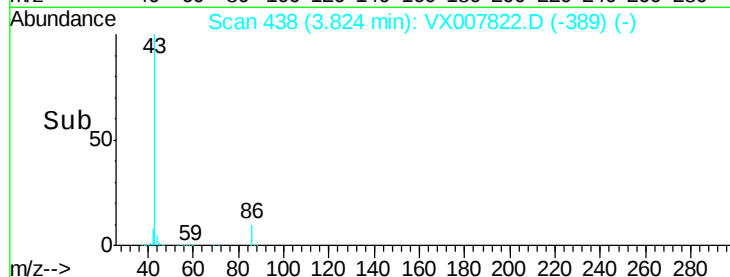
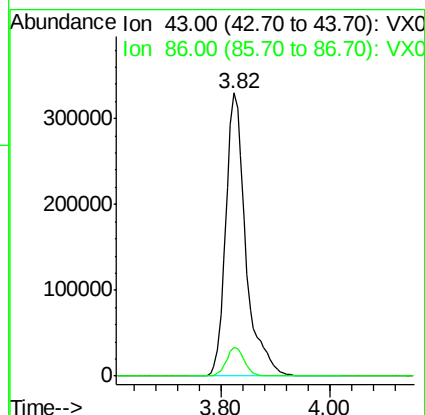
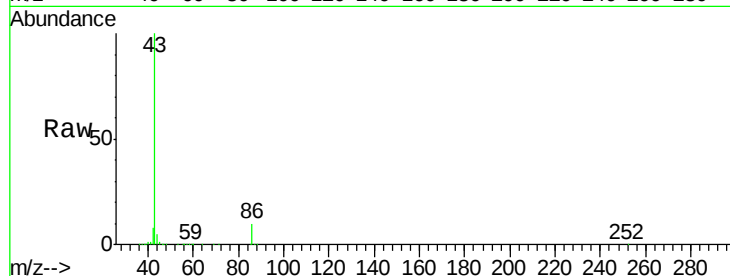
VX0304MBSD01

Tot Ion: 43 Resp: 844023

Ion Ratio Lower Upper

43 100

86 10.0 8.7 13.1



#24

1,1-Dichloroethane

Concen: 18.960 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007822.D

Acq: 04 Mar 2019 20:22

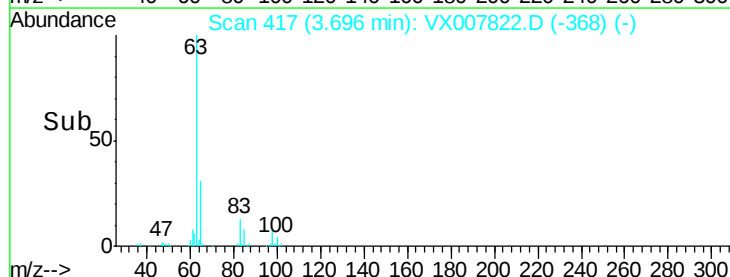
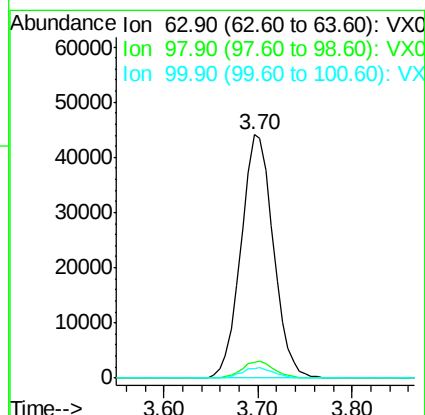
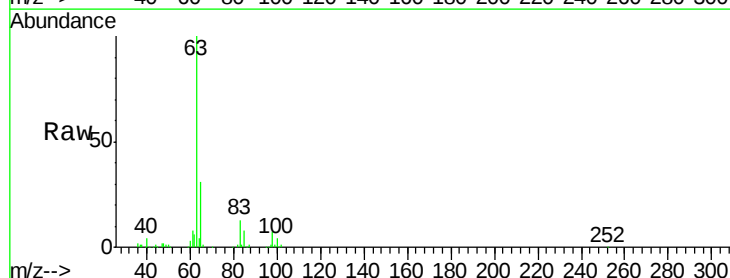
Tgt Ion: 63 Resp: 105539

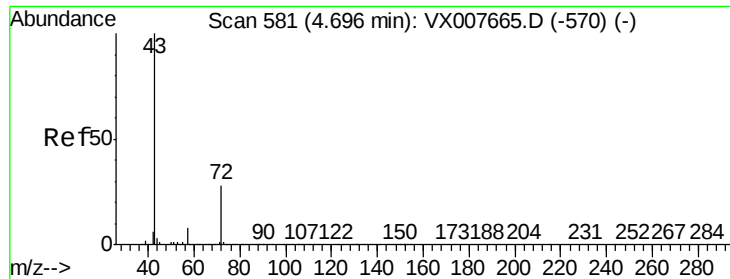
Ion Ratio Lower Upper

63 100

98 6.6 3.6 10.8

100 4.1 2.5 7.4

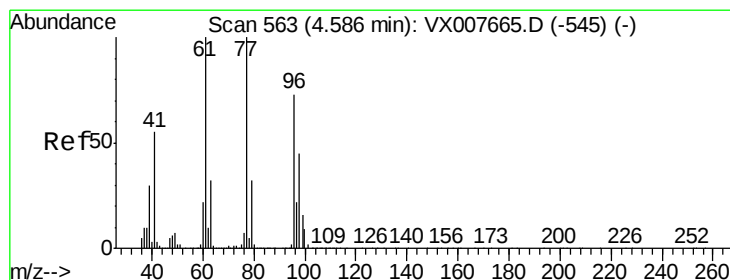
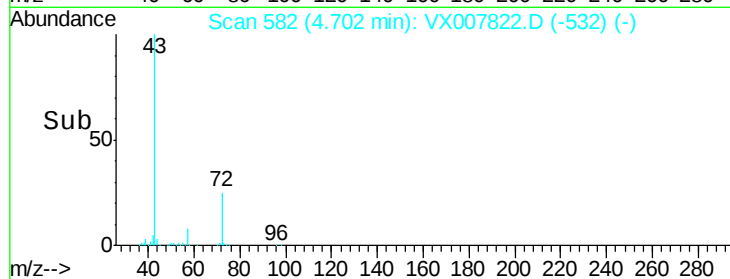
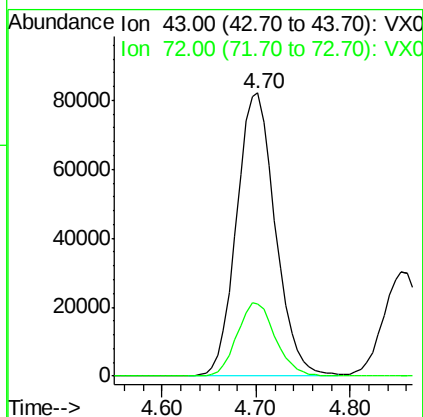
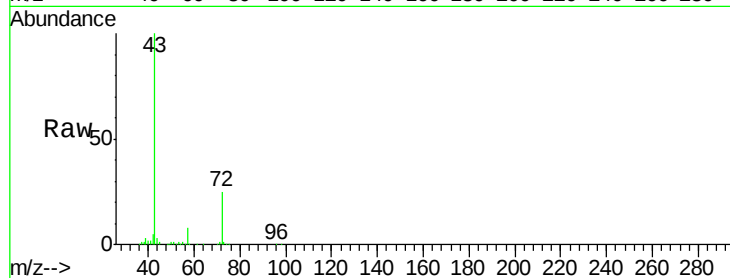




#25
2-Butanone
Concen: 92.451 ug/l
RT: 4.70 min Scan# 582
Delta R.T. 0.01 min
Lab File: VX007822.D
Acq: 04 Mar 2019 20:22

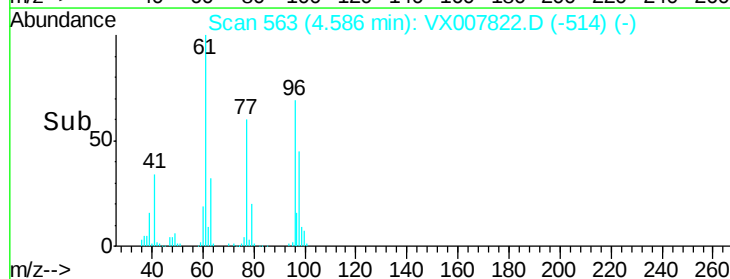
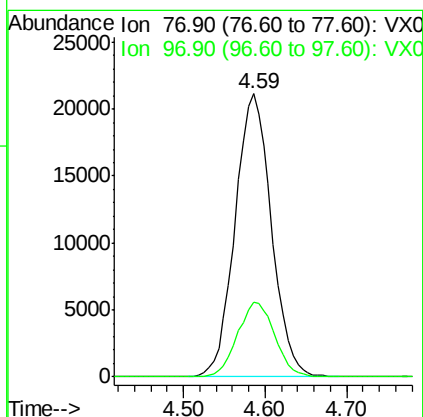
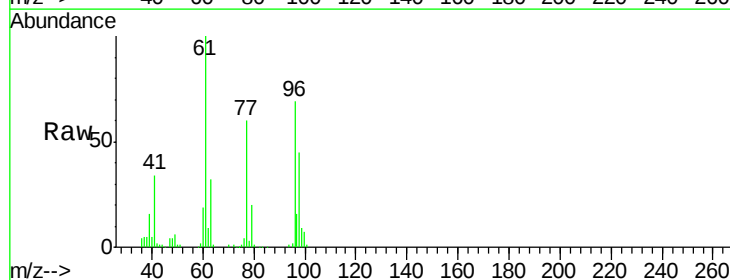
Instrument :
MSVOA_X
ClientSampleId :
VX0304MBSD01

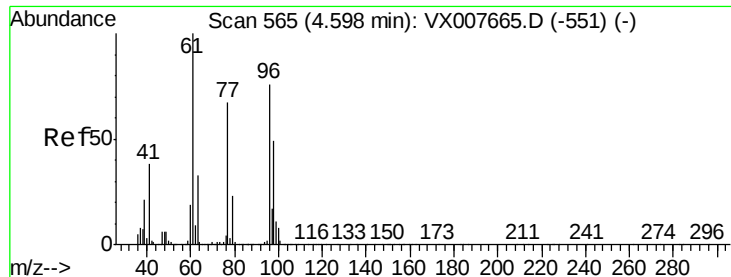
Tot Ion: 43 Resp: 235981
Ion Ratio Lower Upper
43 100
72 25.3 22.2 33.2



#26
2,2-Dichloropropane
Concen: 14.682 ug/l
RT: 4.59 min Scan# 563
Delta R.T. -0.00 min
Lab File: VX007822.D
Acq: 04 Mar 2019 20:22

Tgt Ion: 77 Resp: 65235
Ion Ratio Lower Upper
77 100
97 27.0 12.1 36.3



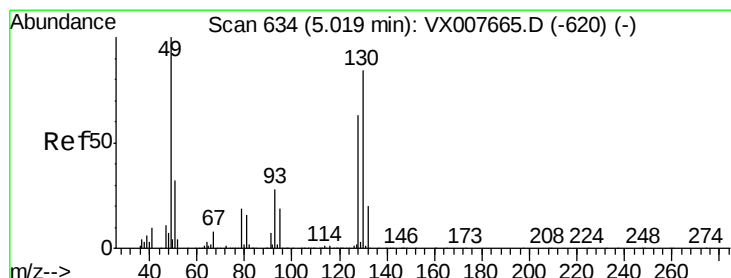
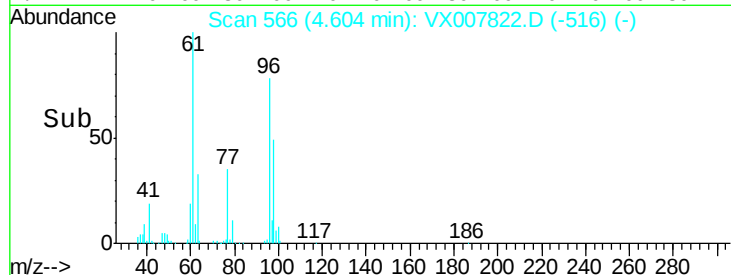
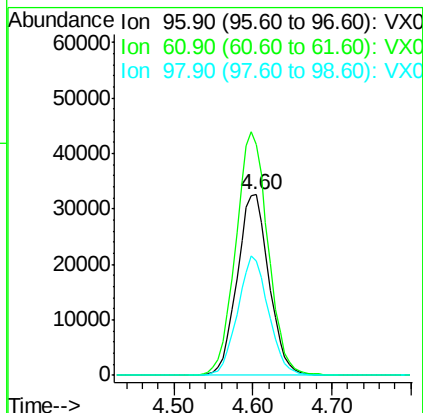
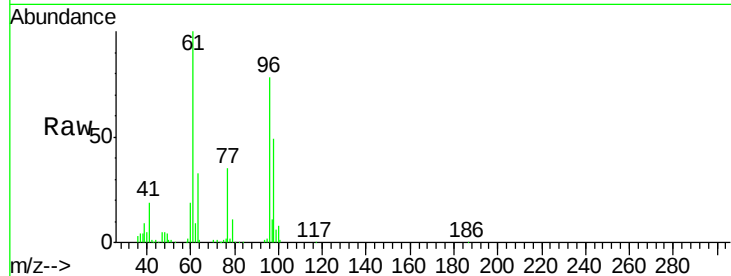


#27

cis-1,2-Dichloroethene
 Concen: 24.813 ug/l
 RT: 4.60 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: VX007822.D
 Acq: 04 Mar 2019 20:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0304MBSD01

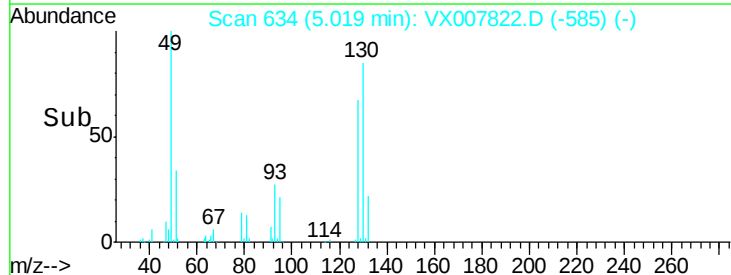
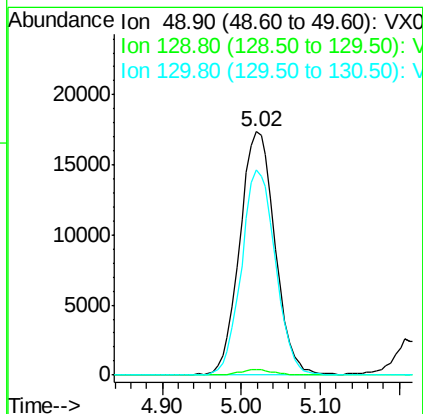
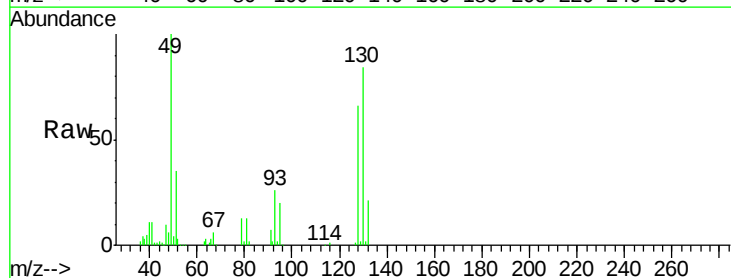
Tot Ion: 96 Resp: 91333
 Ion Ratio Lower Upper
 96 100
 61 136.7 0.0 265.6
 98 63.8 0.0 131.6

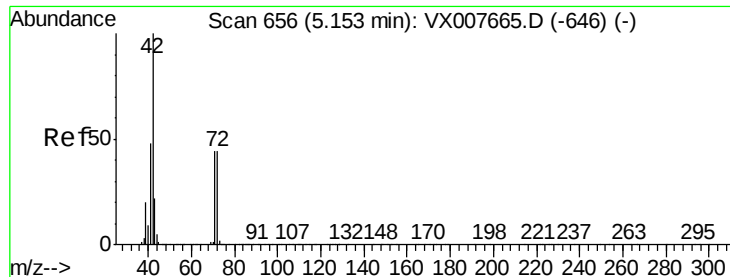


#28

Bromochloromethane
 Concen: 19.928 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX007822.D
 Acq: 04 Mar 2019 20:22

Tgt Ion: 49 Resp: 54002
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 5.6
 130 81.2 75.6 113.4





#29

Tetrahydrofuran

Concen: 93.618 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX007822.D

Acq: 04 Mar 2019 20:22

Instrument :

MSVOA_X

ClientSampleId :

VX0304MBSD01

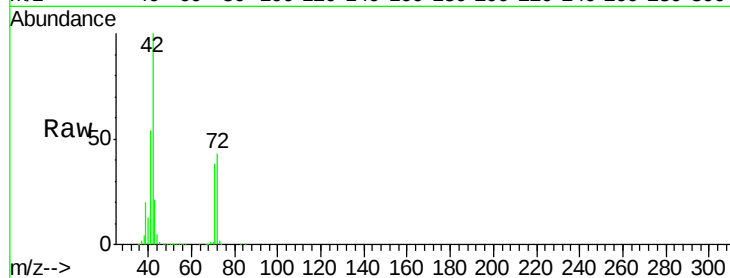
Tot Ion: 42 Resp: 157516

Ion Ratio Lower Upper

42 100

72 42.9 37.6 56.4

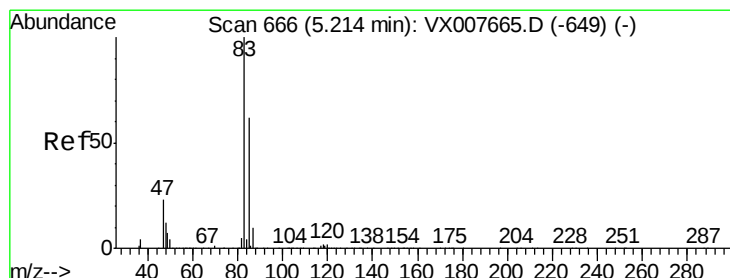
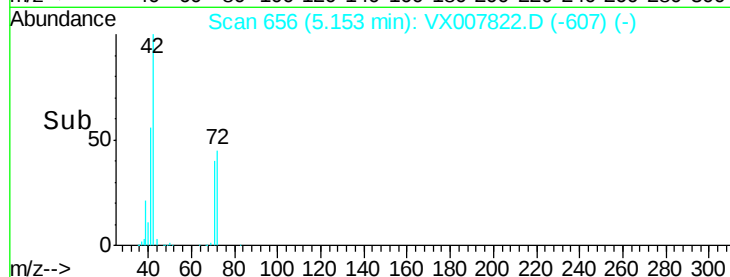
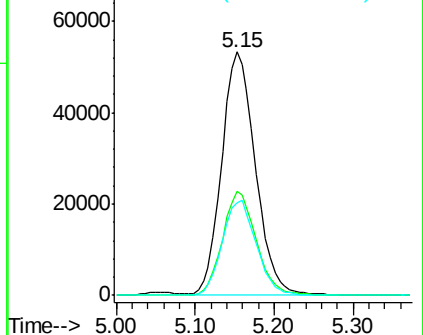
71 39.5 34.6 51.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 16.926 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX007822.D

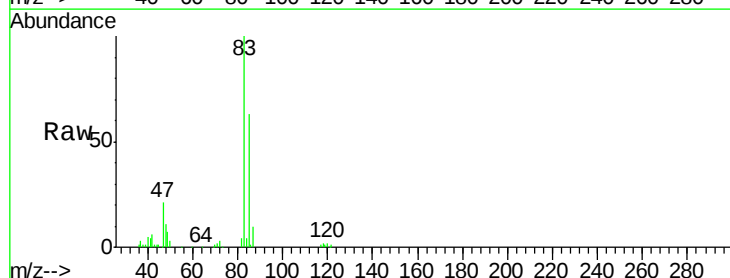
Acq: 04 Mar 2019 20:22

Tgt Ion: 83 Resp: 100924

Ion Ratio Lower Upper

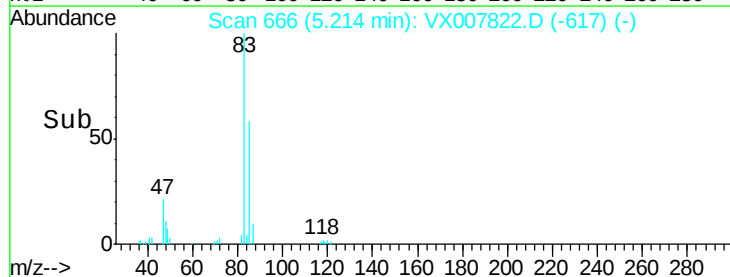
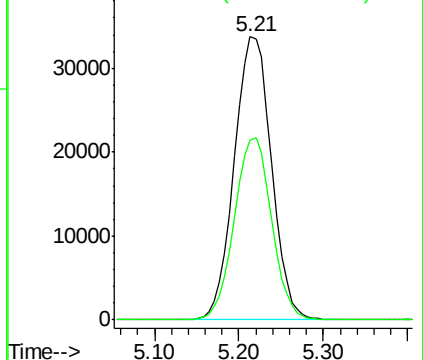
83 100

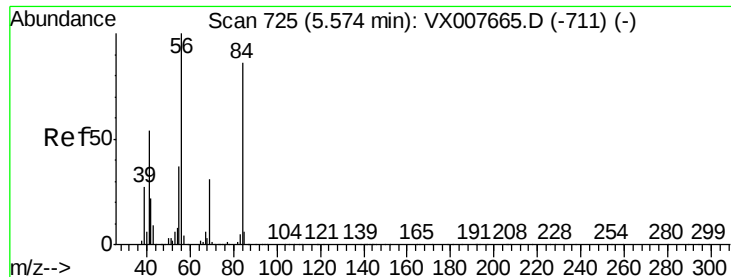
85 63.5 51.6 77.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

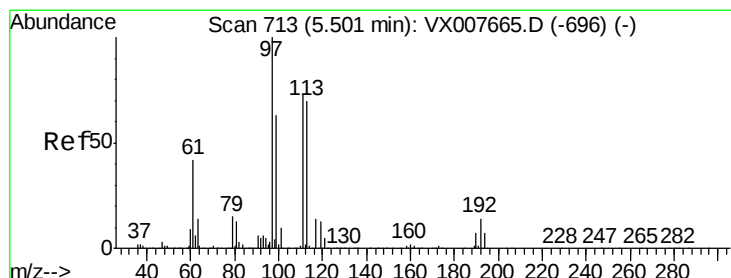
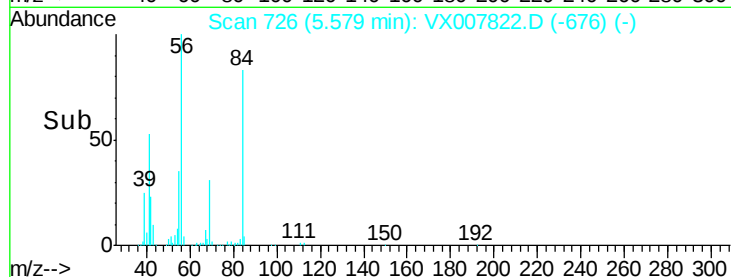
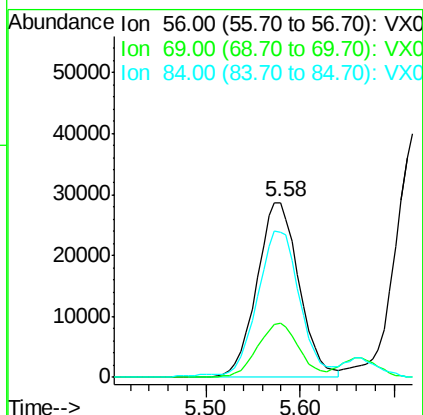
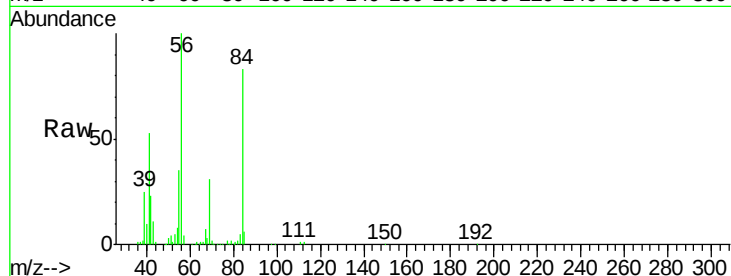




#31
Cyclohexane
Concen: 17.159 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX007822.D
Acq: 04 Mar 2019 20:22

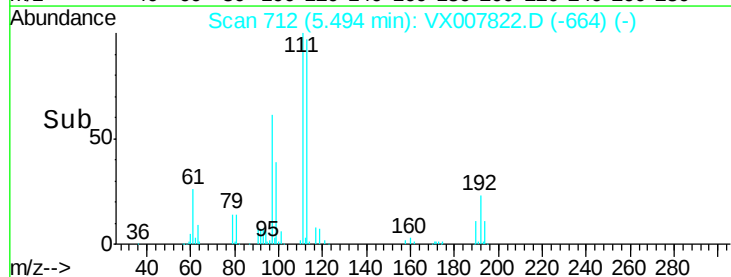
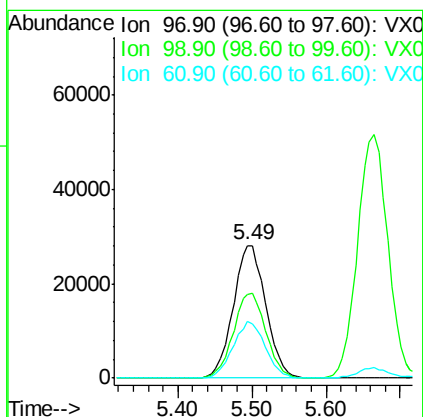
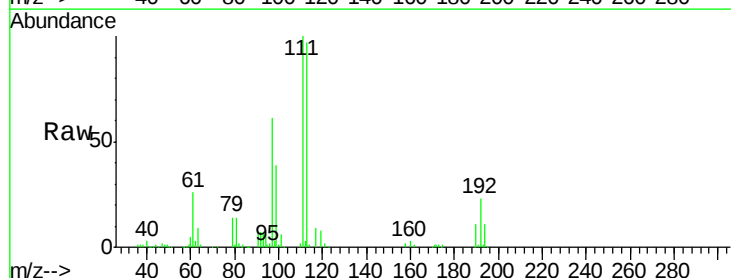
Instrument :
MSVOA_X
ClientSampleId :
VX0304MBSD01

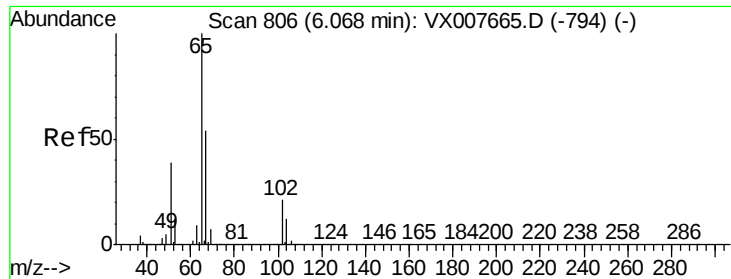
Tot Ion: 56 Resp: 89844
Ion Ratio Lower Upper
56 100
69 30.6 23.0 34.6
84 81.8 69.8 104.6



#32
1,1,1-Trichloroethane
Concen: 17.443 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX007822.D
Acq: 04 Mar 2019 20:22

Tgt Ion: 97 Resp: 86015
Ion Ratio Lower Upper
97 100
99 64.3 52.2 78.2
61 42.3 32.7 49.1

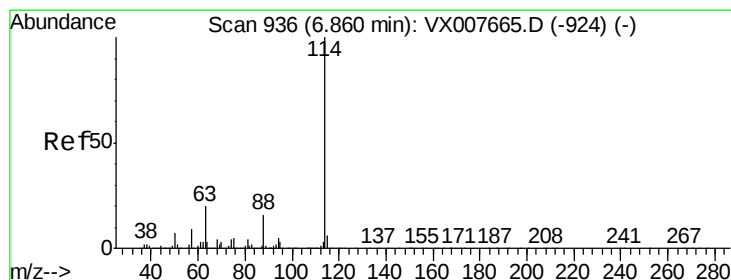
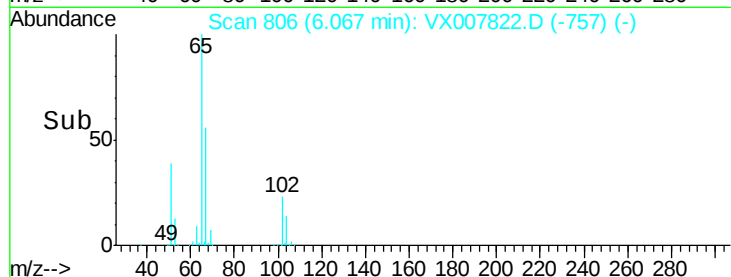
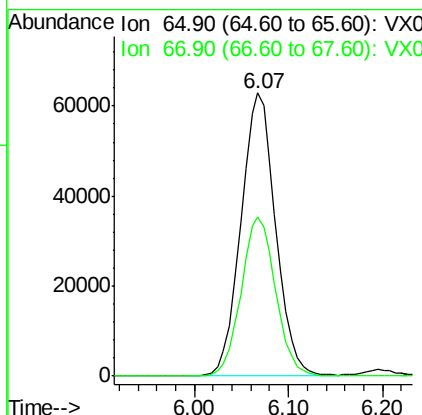
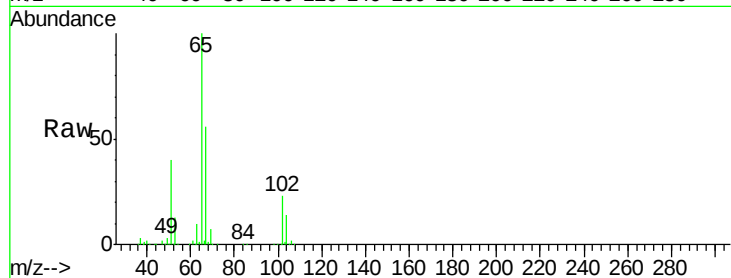




#33
 1,2-Dichloroethane-d4
 Concen: 43.007 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007822.D
 Acq: 04 Mar 2019 20:22

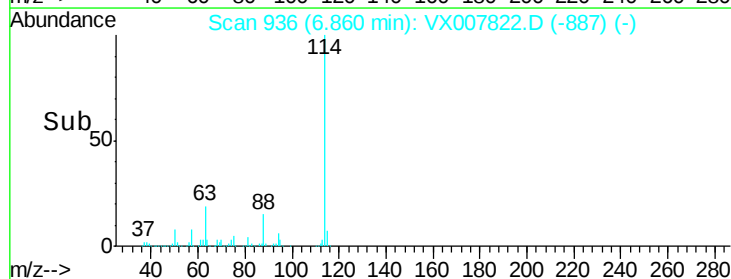
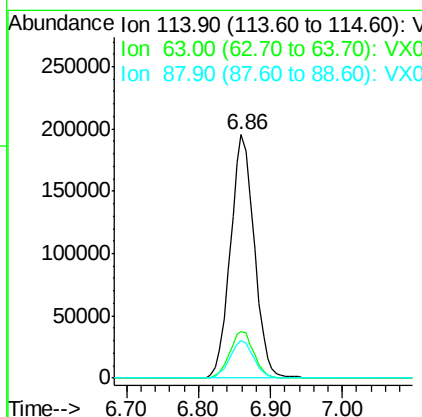
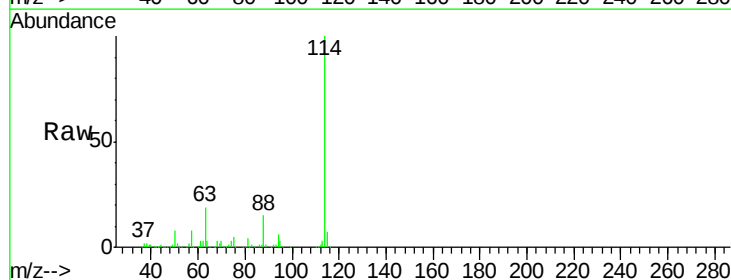
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0304MBSD01

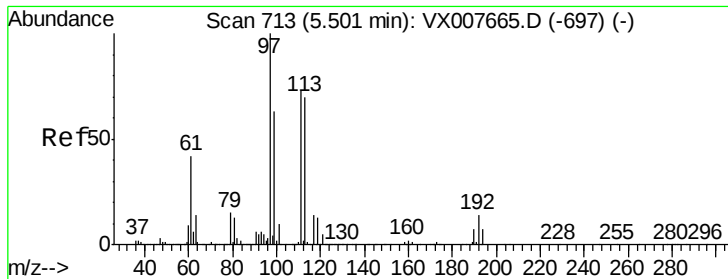
Tot Ion: 65 Resp: 162055
 Ion Ratio Lower Upper
 65 100
 67 55.8 0.0 108.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007822.D
 Acq: 04 Mar 2019 20:22

Tgt Ion: 114 Resp: 450230
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 35.6
 88 15.3 0.0 29.6

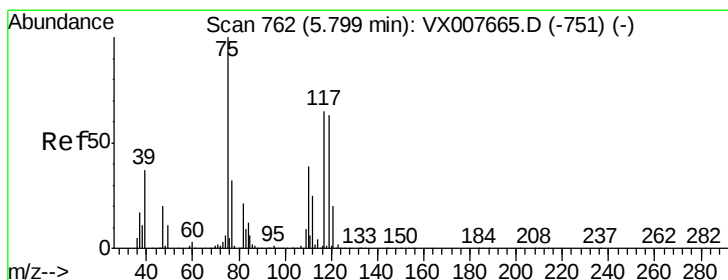
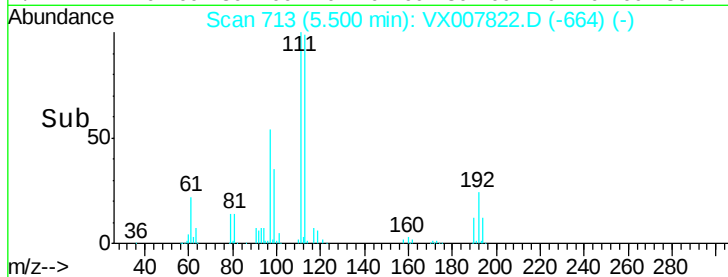
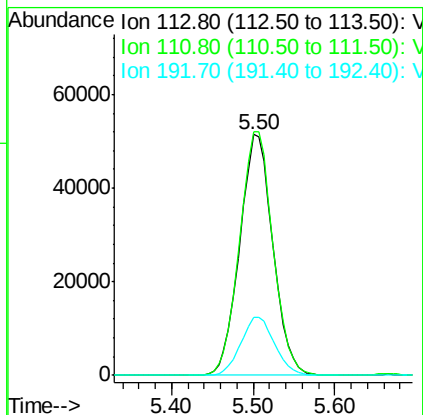
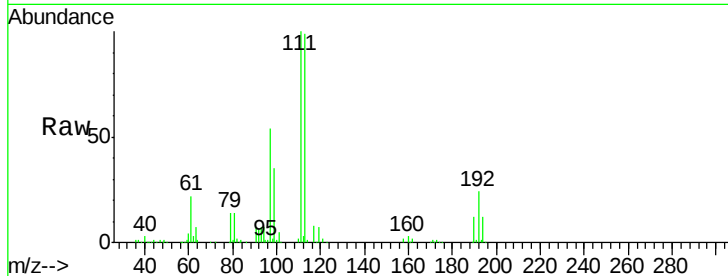




#35
 Dibromofluoromethane
 Concen: 48.351 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX007822.D
 Acq: 04 Mar 2019 20:22

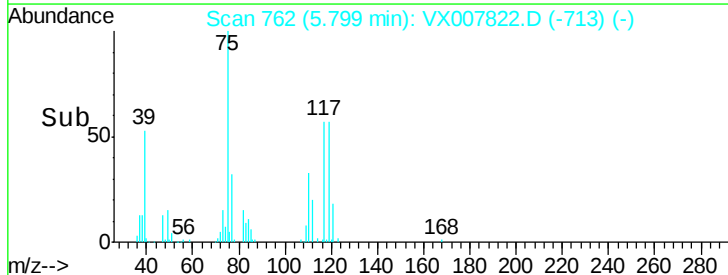
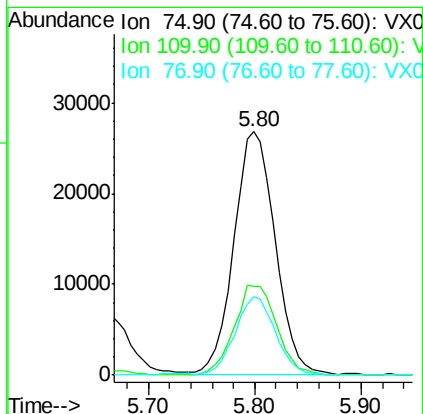
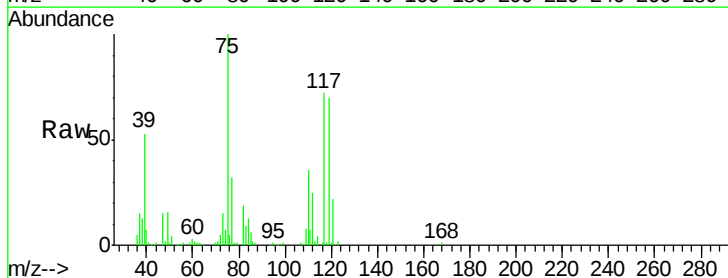
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0304MBSD01

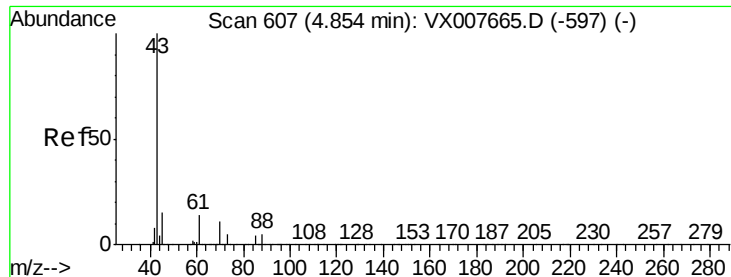
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.8	122.8
192	24.5	18.5	27.7



#36
 1,1-Dichloropropene
 Concen: 17.918 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX007822.D
 Acq: 04 Mar 2019 20:22

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.2	20.0	59.9
77	31.9	24.7	37.1

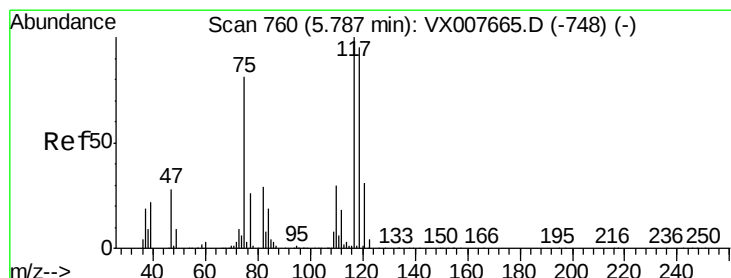
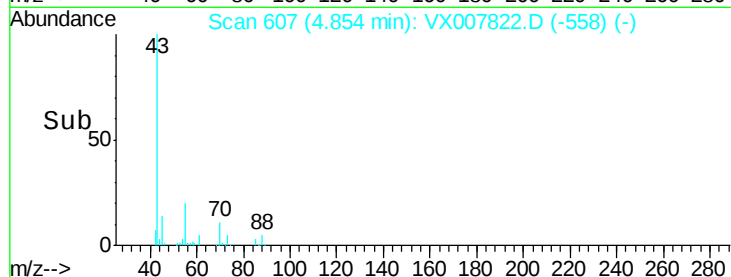
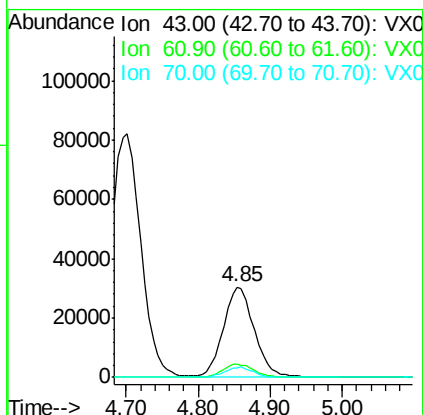
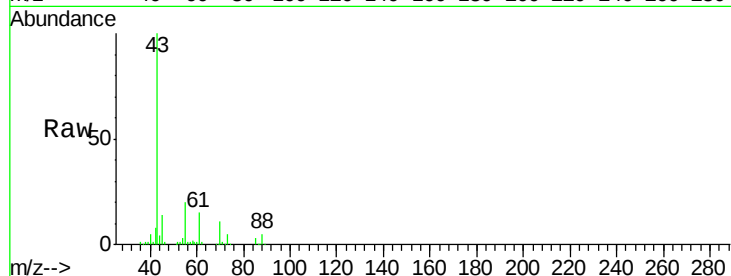




#37
Ethyl Acetate
Concen: 19.953 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX007822.D
Acq: 04 Mar 2019 20:22

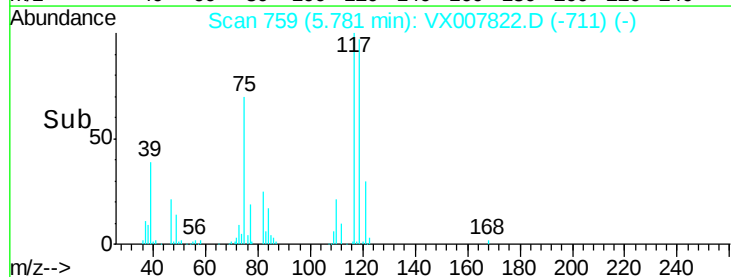
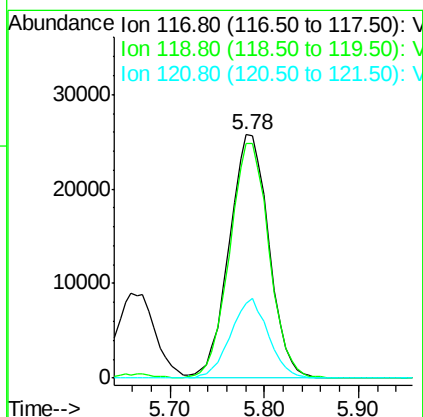
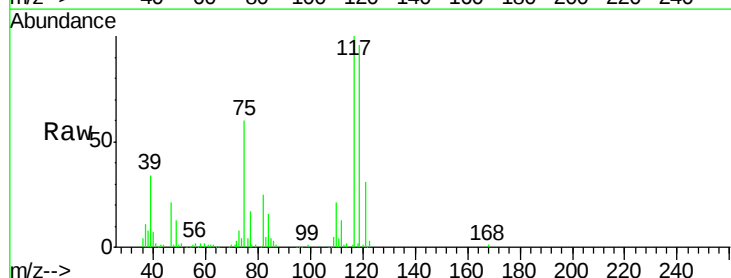
Instrument :
MSVOA_X
ClientSampleID :
VX0304MBSD01

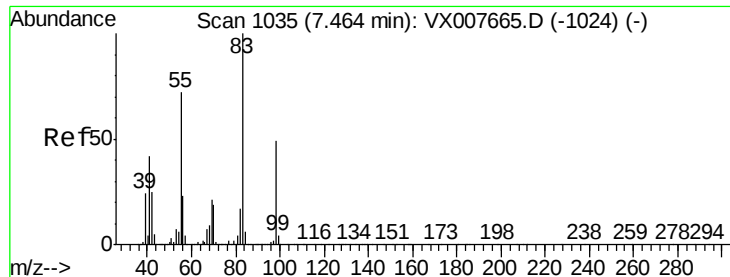
Tot Ion: 43 Resp: 89714
Ion Ratio Lower Upper
43 100
61 14.9 11.3 16.9
70 10.9 8.6 13.0



#38
Carbon Tetrachloride
Concen: 18.563 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX007822.D
Acq: 04 Mar 2019 20:22

Tgt Ion: 117 Resp: 75477
Ion Ratio Lower Upper
117 100
119 96.3 75.3 112.9
121 30.8 25.0 37.4

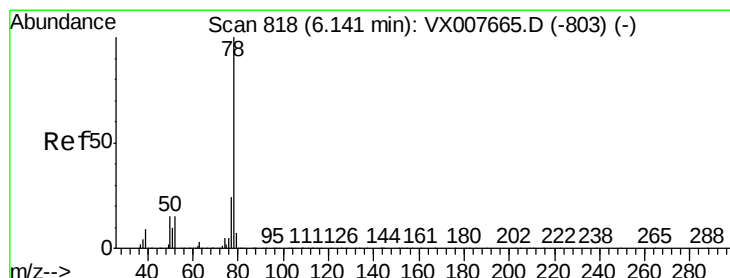
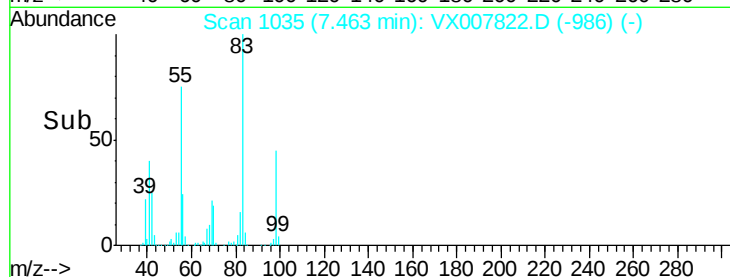
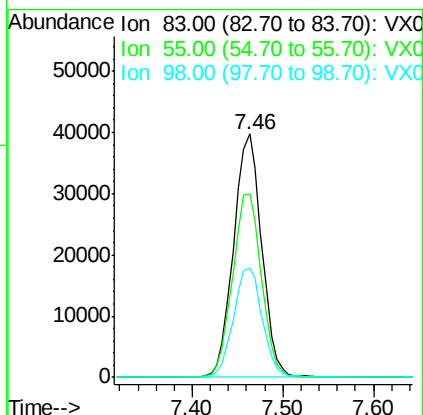
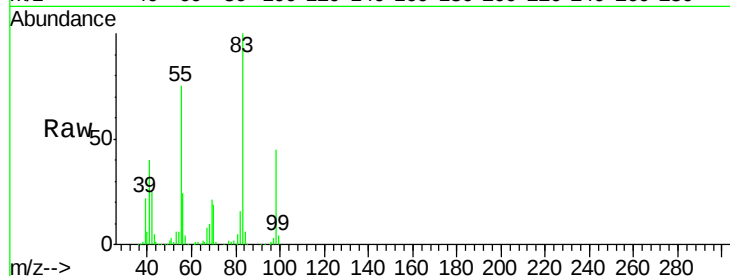




#39
Methvlcvclohexane
Concen: 16.752 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007822.D
Acq: 04 Mar 2019 20:22

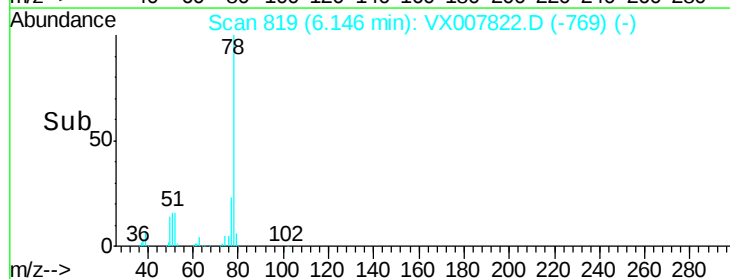
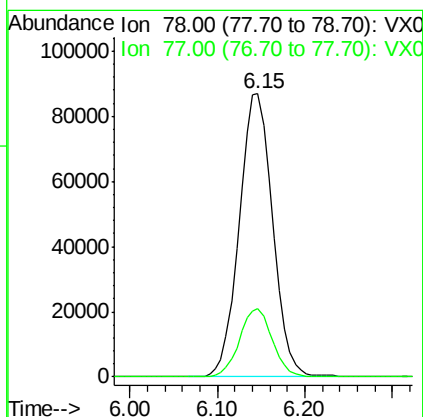
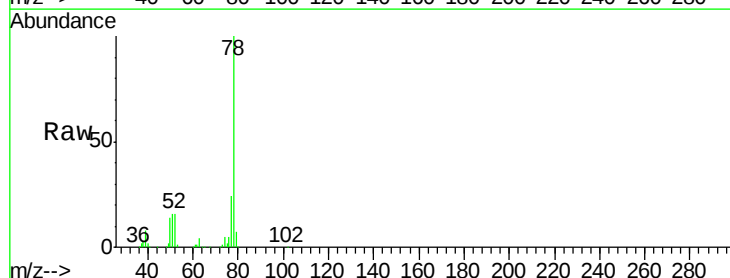
Instrument :
MSVOA_X
ClientSampleId :
VX0304MBSD01

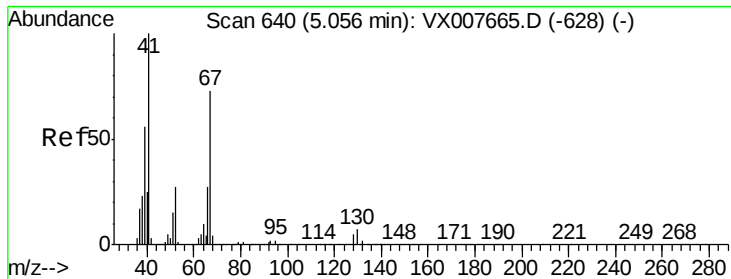
Tot Ion	83	Resp	85700
Ion	Ratio	Lower	Upper
83	100		
55	75.5	56.2	84.2
98	44.8	36.8	55.2



#40
Benzene
Concen: 18.440 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX007822.D
Acq: 04 Mar 2019 20:22

Tgt Ion	78	Resp	230408
Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.3	28.9

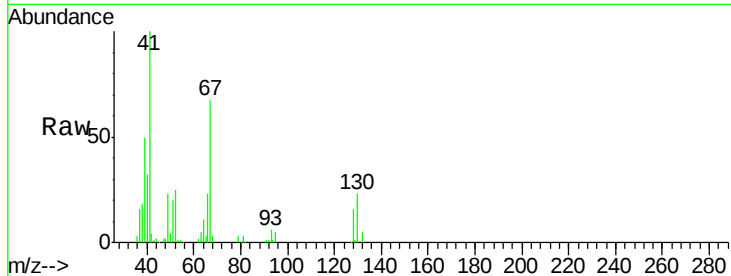




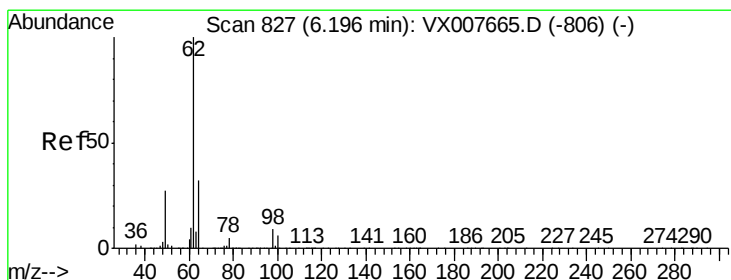
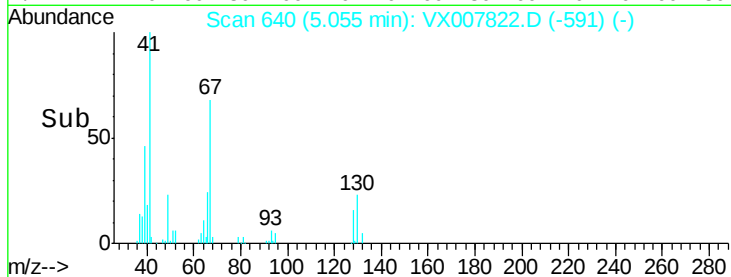
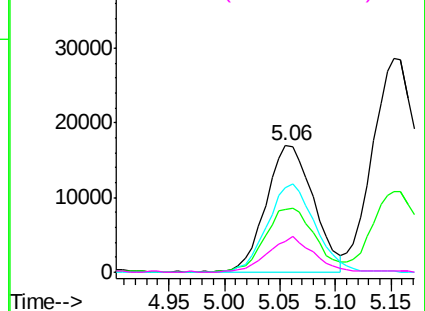
#41
Methacrylonitrile
Concen: 21.099 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.00 min
Lab File: VX007822.D
Acq: 04 Mar 2019 20:22

Instrument :
MSVOA_X
ClientSampleId :
VX0304MBSD01

Tot Ion:	41	Resp:	50659
Ion	Ratio	Lower	Upper
41	100		
39	52.4	44.5	66.7
67	69.8	60.4	90.6
52	27.1	24.1	36.1

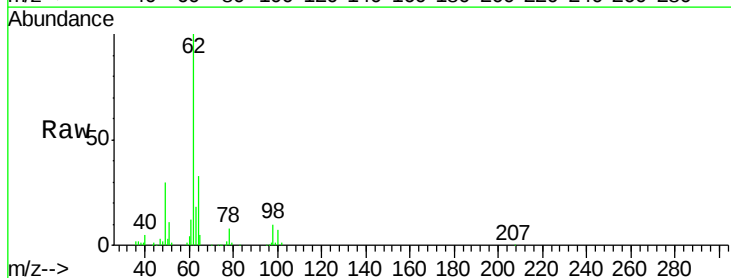


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

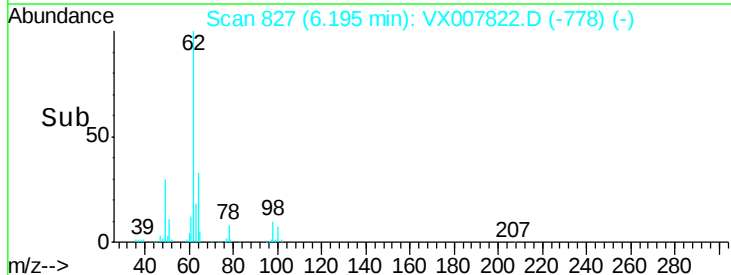
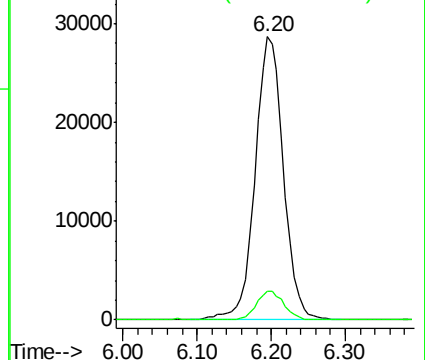


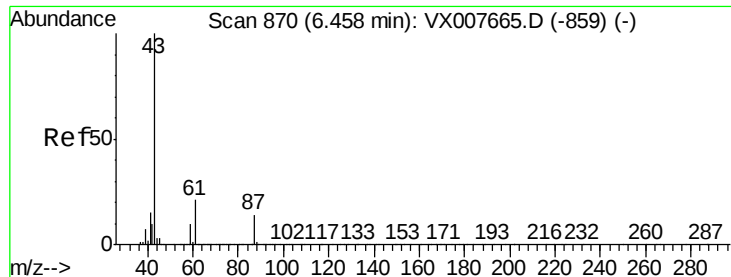
#42
1,2-Dichloroethane
Concen: 18.180 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX007822.D
Acq: 04 Mar 2019 20:22

Tgt Ion:	62	Resp:	76350
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	19.0



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





#43

Isopropyl Acetate

Concen: 19.976 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX007822.D

Acq: 04 Mar 2019 20:22

Instrument :

MSVOA_X

ClientSampleId :

VX0304MBSD01

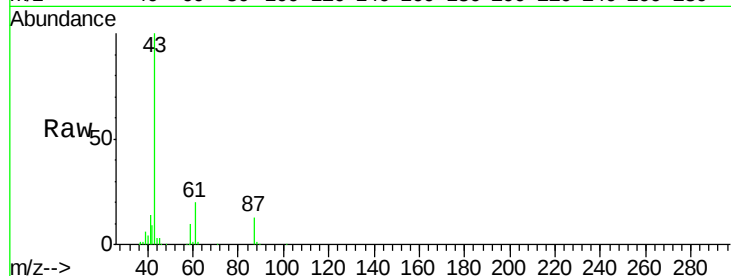
Tot Ion: 43 Resp: 138237

Ion Ratio Lower Upper

43 100

61 20.4 16.1 24.1

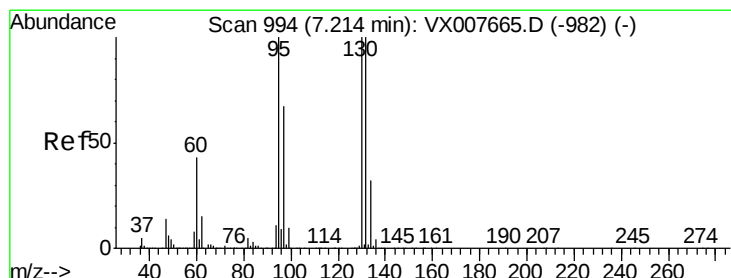
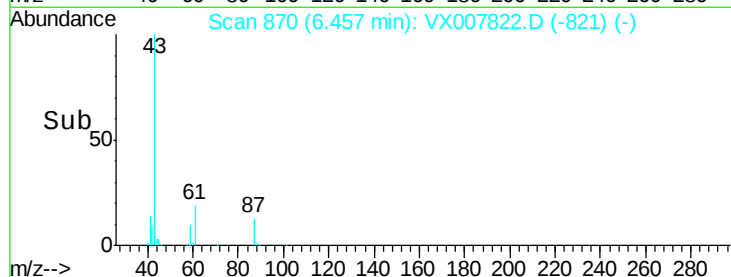
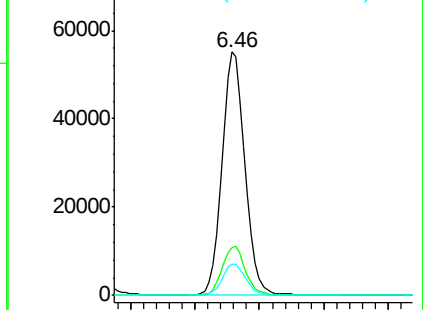
87 13.1 11.5 17.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 20.475 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX007822.D

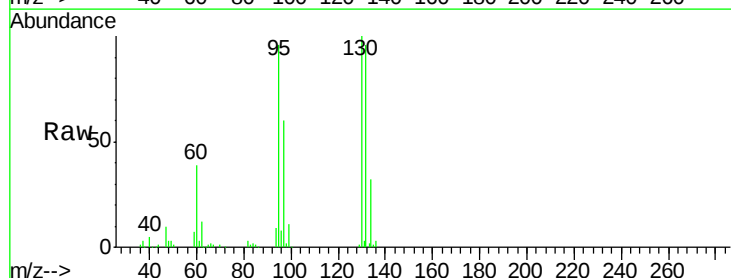
Acq: 04 Mar 2019 20:22

Tgt Ion:130 Resp: 70379

Ion Ratio Lower Upper

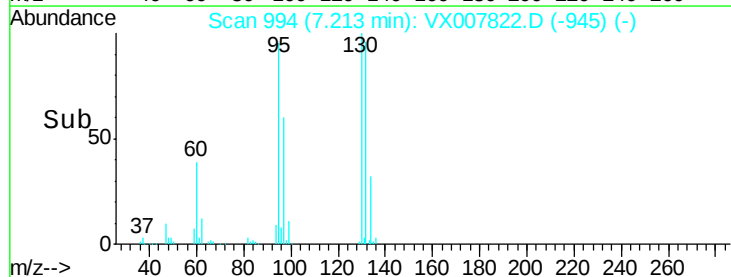
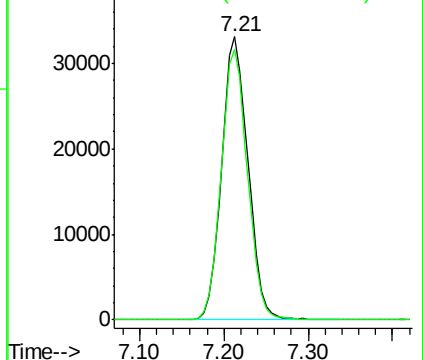
130 100

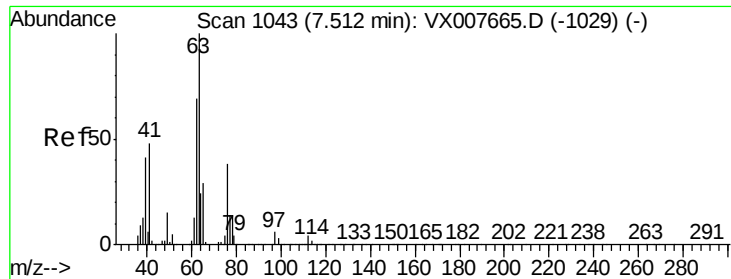
95 95.6 0.0 180.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

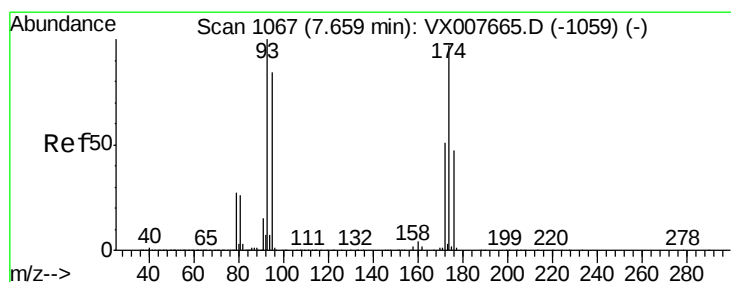
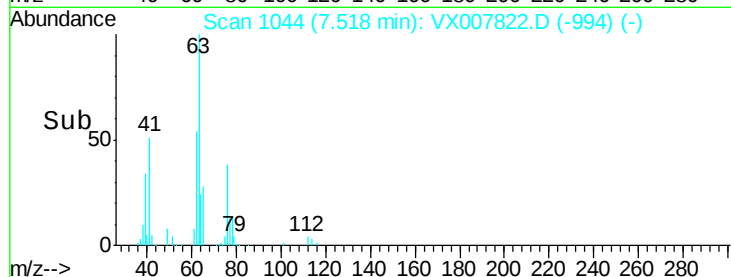
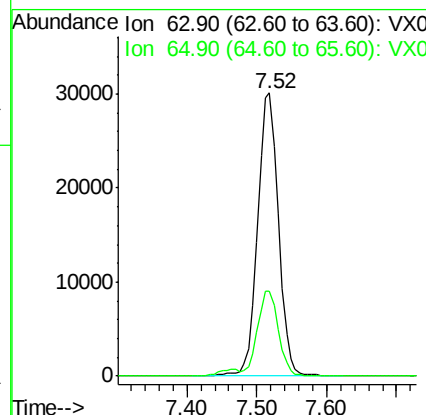
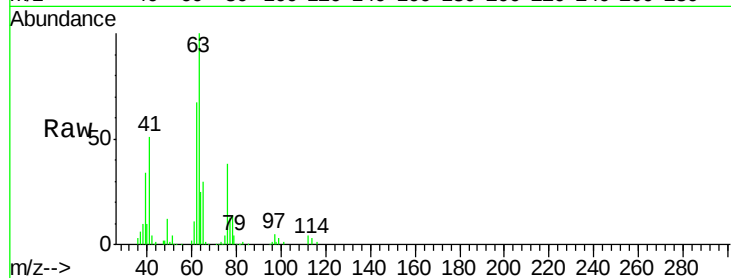




#45
 1,2-Dichloropropane
 Concen: 19.282 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.01 min
 Lab File: VX007822.D
 Acq: 04 Mar 2019 20:22

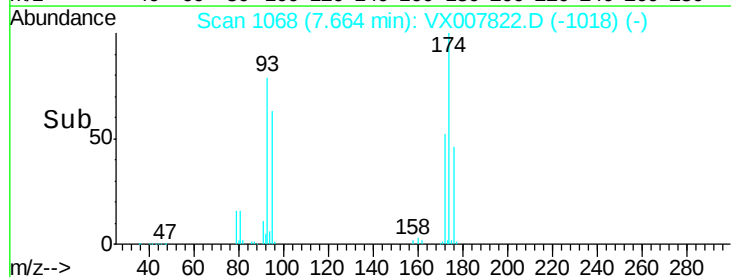
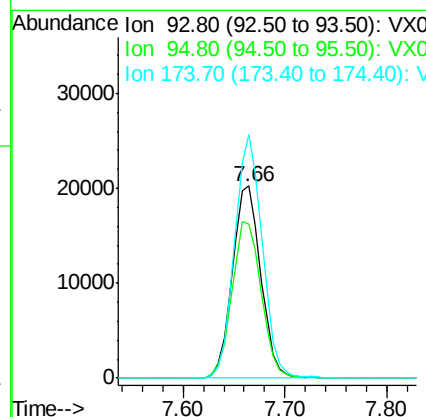
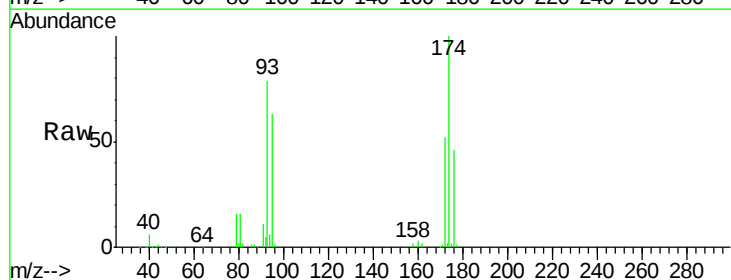
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0304MBSD01

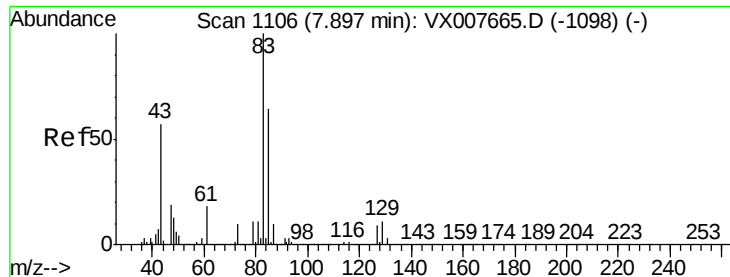
Tot Ion: 63 Resp: 62411
 Ion Ratio Lower Upper
 63 100
 65 29.9 24.2 36.2



#46
 Dibromomethane
 Concen: 17.282 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX007822.D
 Acq: 04 Mar 2019 20:22

Tgt Ion: 93 Resp: 39024
 Ion Ratio Lower Upper
 93 100
 95 83.9 67.6 101.4
 174 122.6 94.2 141.4





#47

Bromodichloromethane

Concen: 19.839 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007822.D

Acq: 04 Mar 2019 20:22

Instrument :

MSVOA_X

ClientSampleId :

VX0304MBSD01

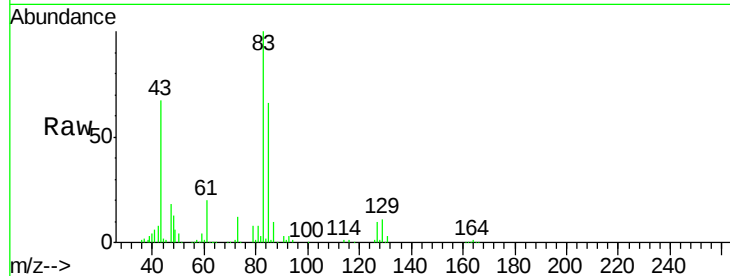
Tot Ion: 83 Resp: 77634

Ion Ratio Lower Upper

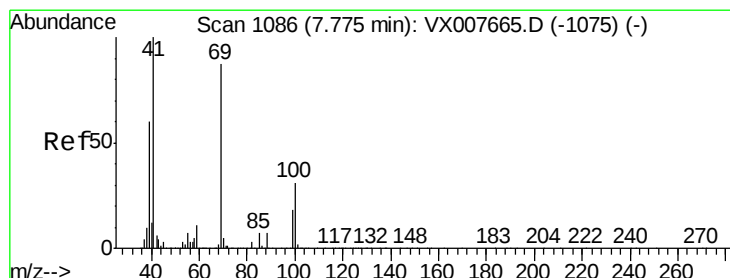
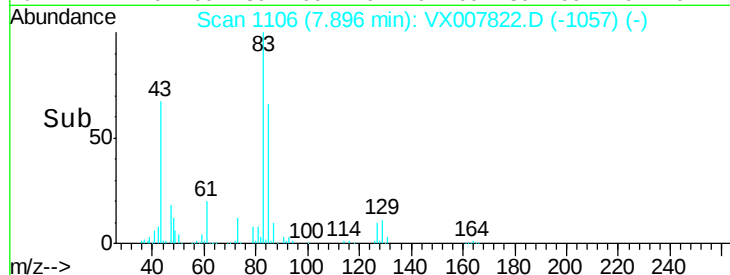
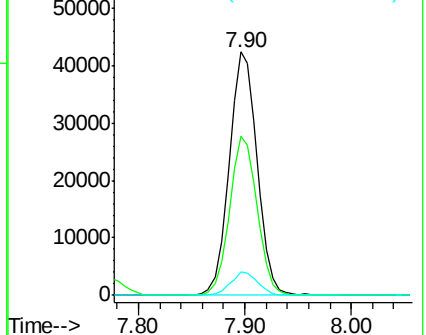
83 100

85 65.6 51.4 77.0

127 9.5 8.1 12.1



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: 19.604 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX007822.D

Acq: 04 Mar 2019 20:22

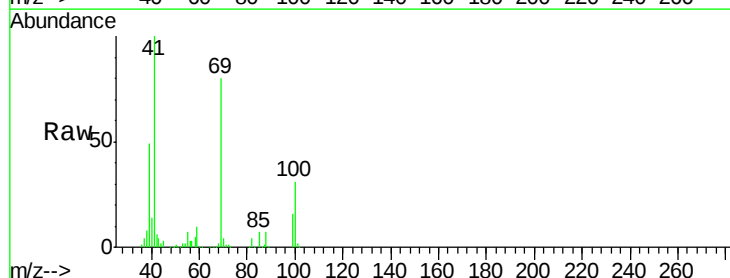
Tgt Ion: 41 Resp: 71113

Ion Ratio Lower Upper

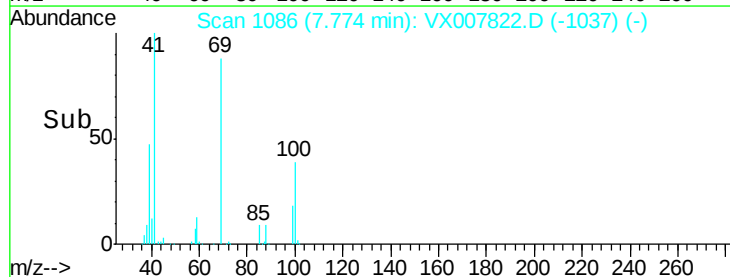
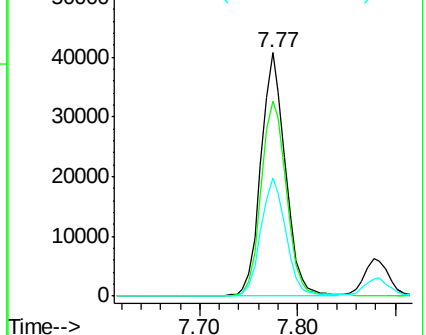
41 100

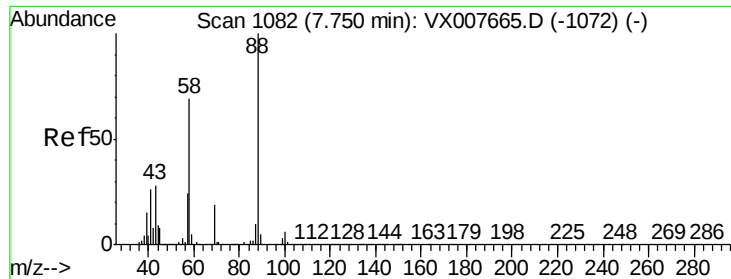
69 82.7 70.2 105.4

39 49.4 47.4 71.0



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

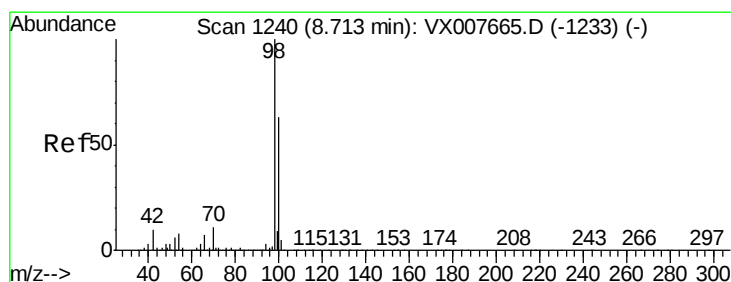
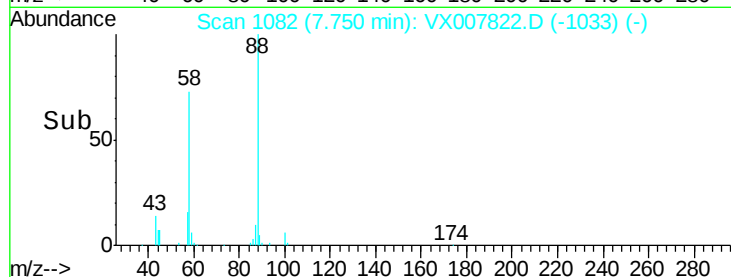
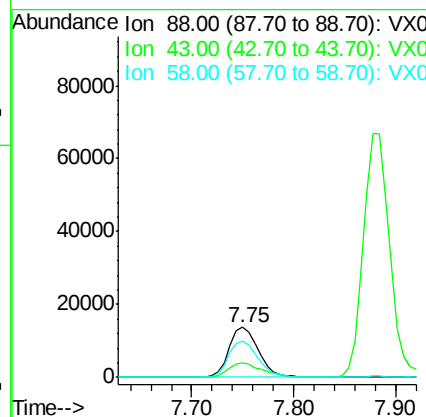
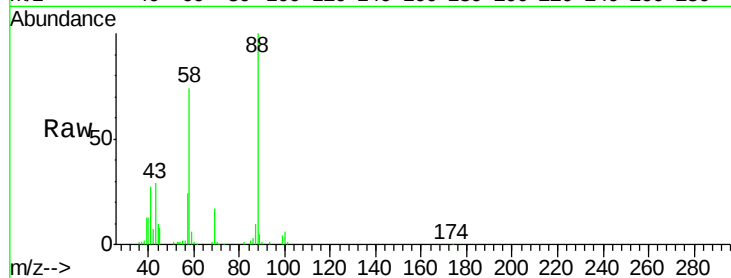




#49
1,4-Dioxane
Concen: 354.413 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.00 min
Lab File: VX007822.D
Acq: 04 Mar 2019 20:22

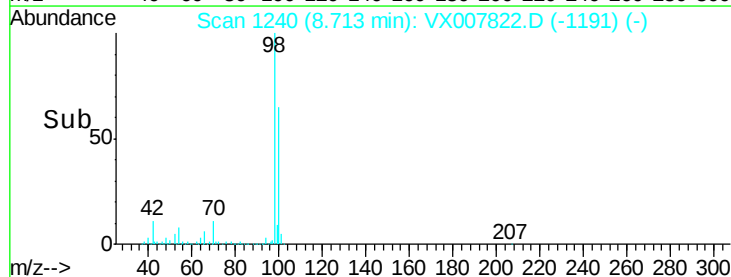
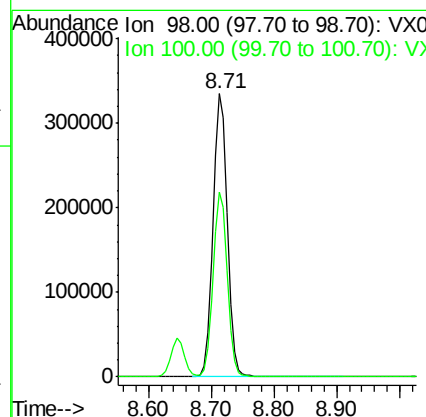
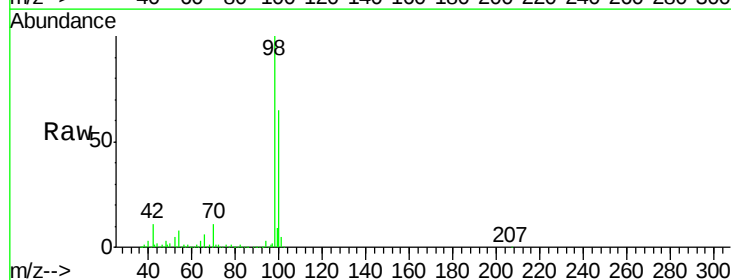
Instrument :
MSVOA_X
ClientSampleId :
VX0304MBSD01

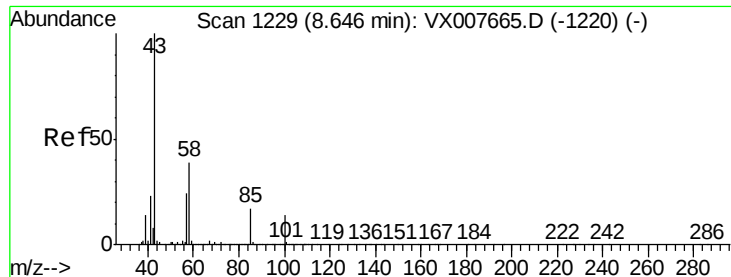
Tot Ion	88	Resp	27767
Ion	Ratio	Lower	Upper
88	100		
43	33.7	24.2	36.4
58	73.7	53.0	79.4



#50
Toluene-d8
Concen: 45.725 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007822.D
Acq: 04 Mar 2019 20:22

Tgt Ion	98	Resp	526842
Ion	Ratio	Lower	Upper
98	100		
100	65.2	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 97.465 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007822.D

Acq: 04 Mar 2019 20:22

Instrument :

MSVOA_X

ClientSampleId :

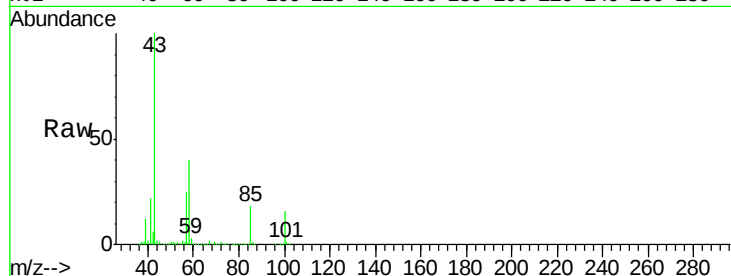
VX0304MBSD01

Tot Ion: 43 Resp: 451477

Ion Ratio Lower Upper

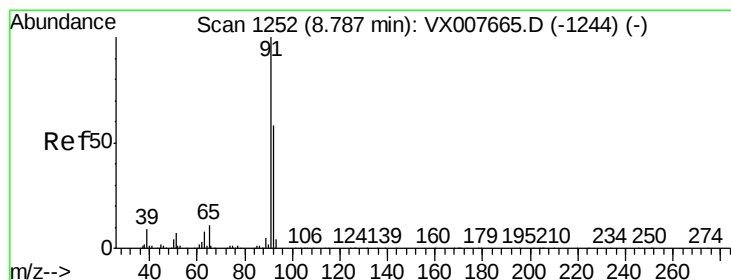
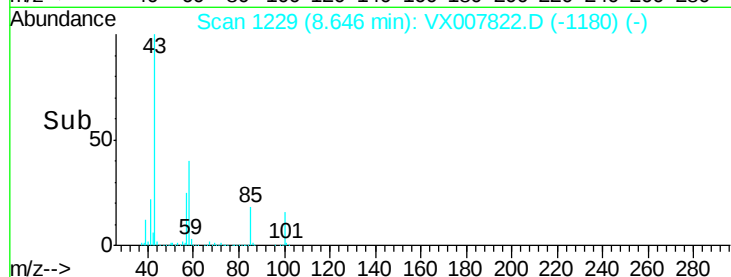
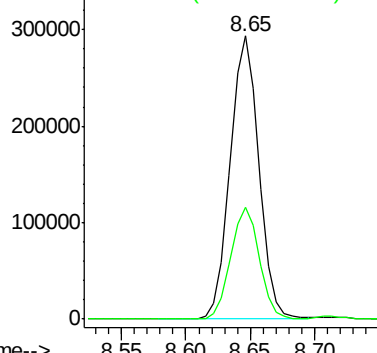
43 100

58 39.5 31.2 46.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 18.012 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX007822.D

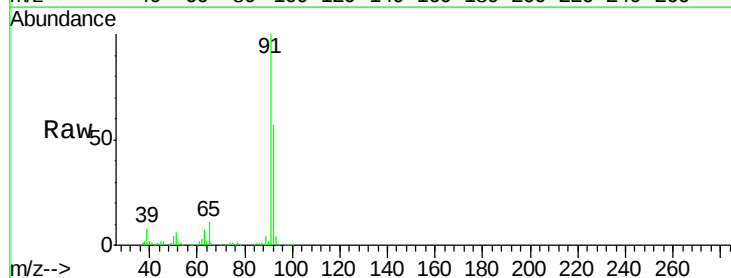
Acq: 04 Mar 2019 20:22

Tgt Ion: 92 Resp: 141918

Ion Ratio Lower Upper

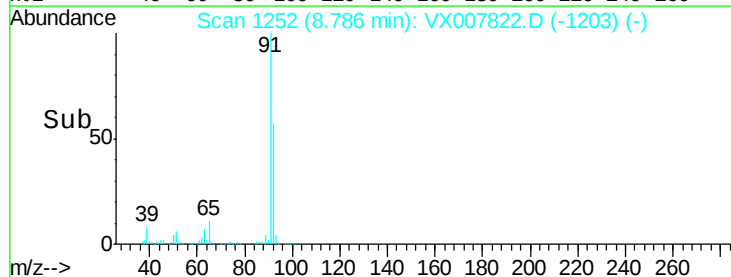
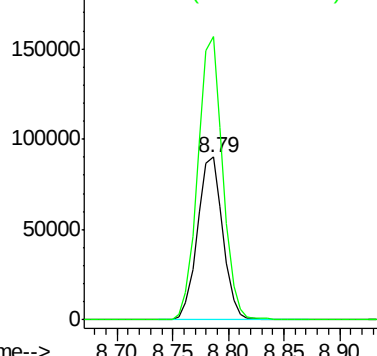
92 100

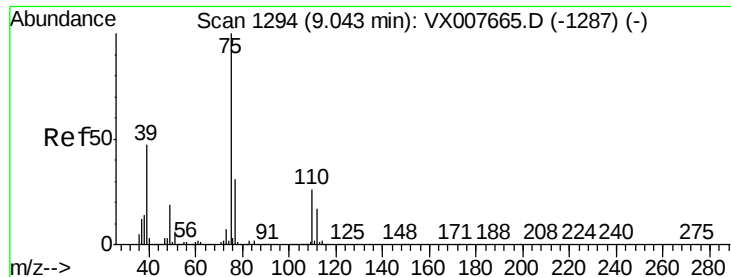
91 171.0 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 18.632 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007822.D

Acq: 04 Mar 2019 20:22

Instrument :

MSVOA_X

ClientSampleId :

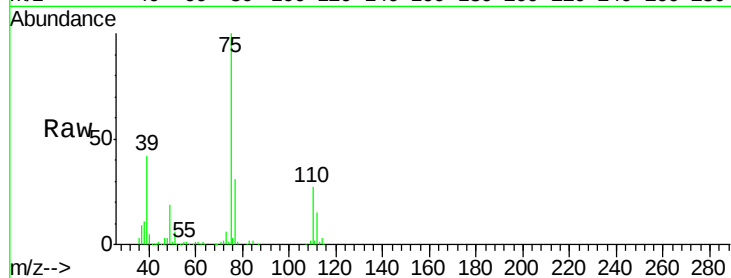
VX0304MBSD01

Tot Ion: 75 Resp: 81583

Ion Ratio Lower Upper

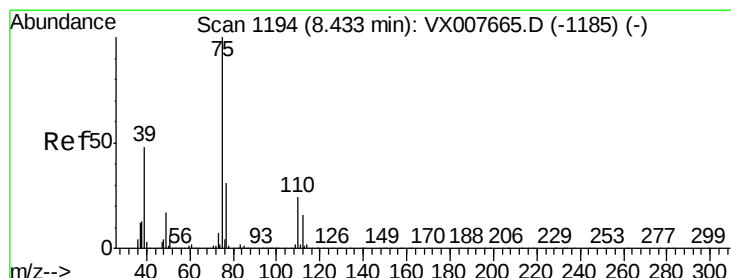
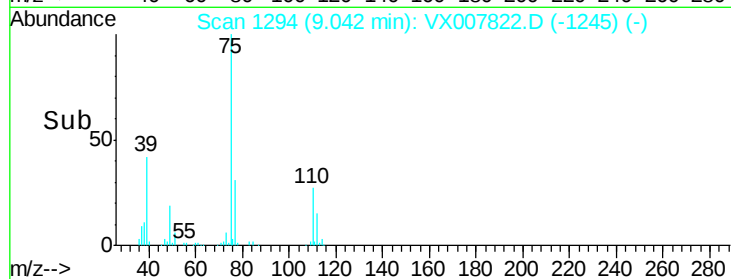
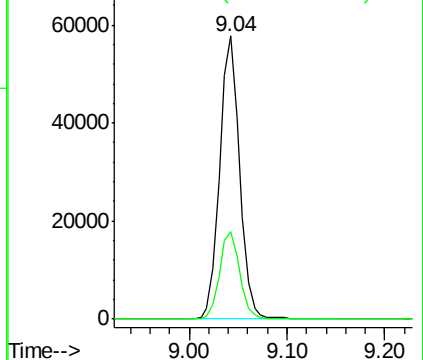
75 100

77 30.8 25.2 37.8



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: 19.123 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX007822.D

Acq: 04 Mar 2019 20:22

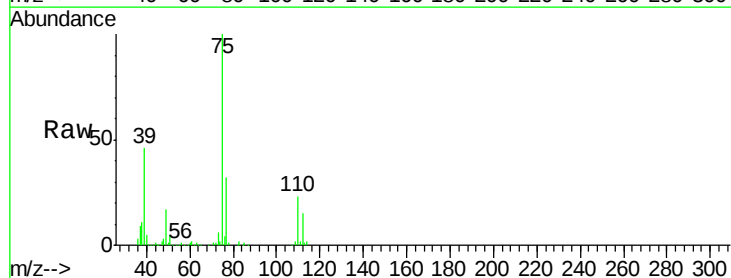
Tgt Ion: 75 Resp: 90809

Ion Ratio Lower Upper

75 100

77 31.9 26.2 39.4

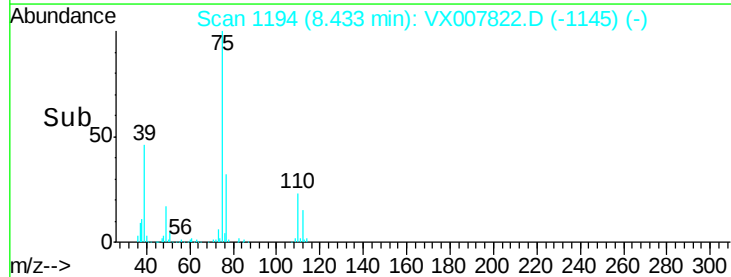
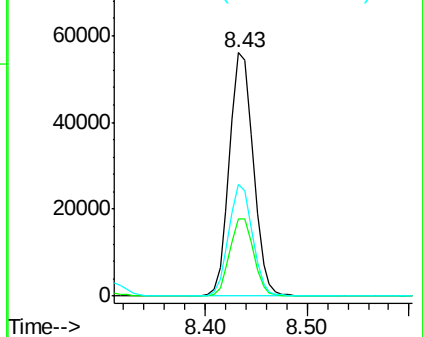
39 46.0 37.1 55.7

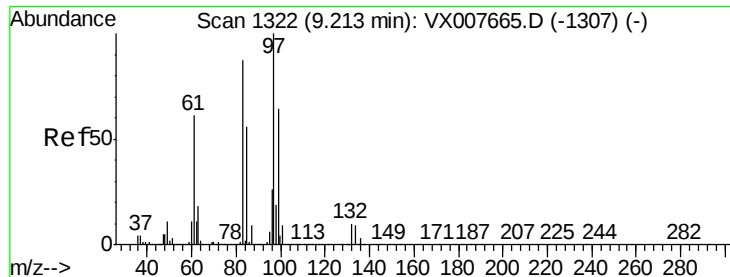


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

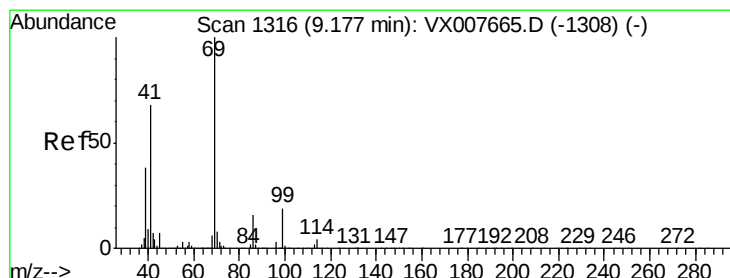
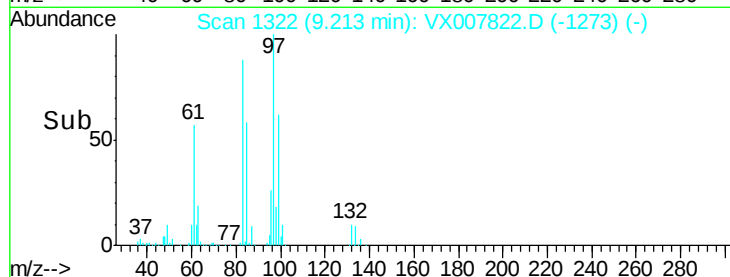
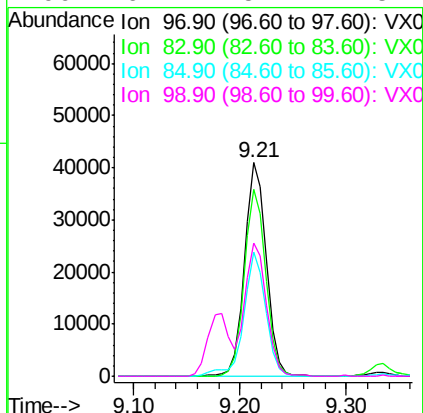
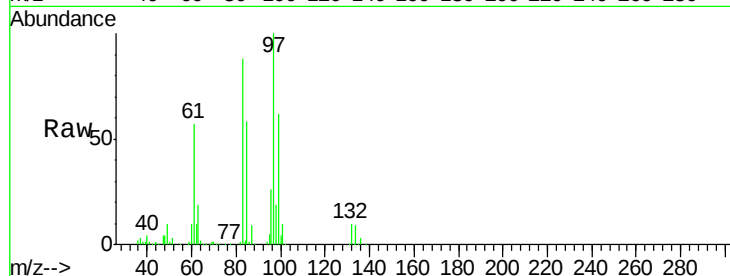




#55
 1,1,2-Trichloroethane
 Concen: 18.025 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX007822.D
 Acq: 04 Mar 2019 20:22

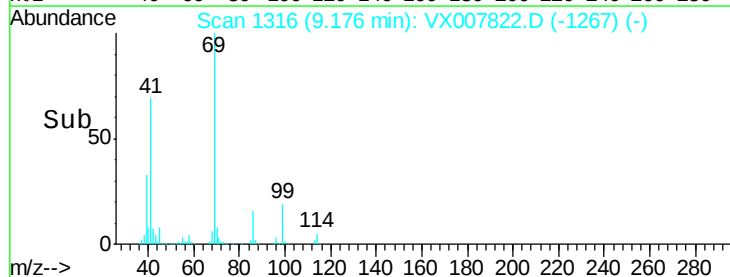
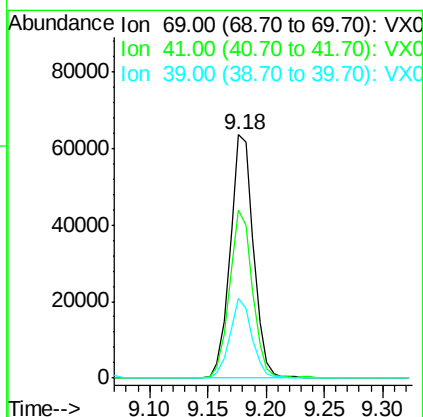
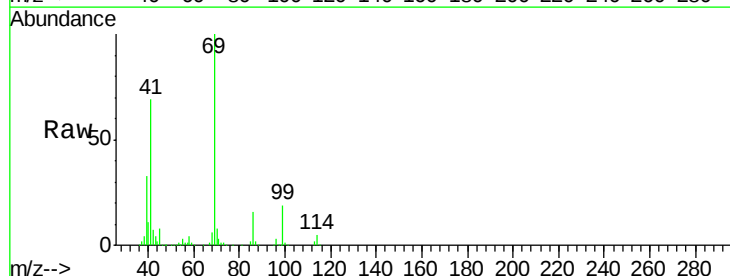
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0304MBSD01

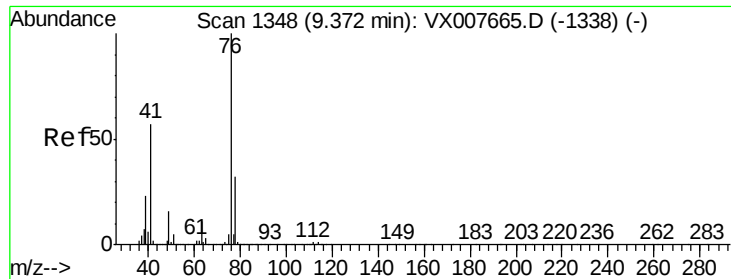
Tot Ion	Ratio	Lower	Upper
97	100		
83	87.5	68.6	102.8
85	57.9	44.5	66.7
99	62.2	52.2	78.4



#56
 Ethyl methacrylate
 Concen: 18.973 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX007822.D
 Acq: 04 Mar 2019 20:22

Tgt Ion	Ratio	Lower	Upper
69	100		
41	67.6	52.1	78.1
39	31.3	30.1	45.1

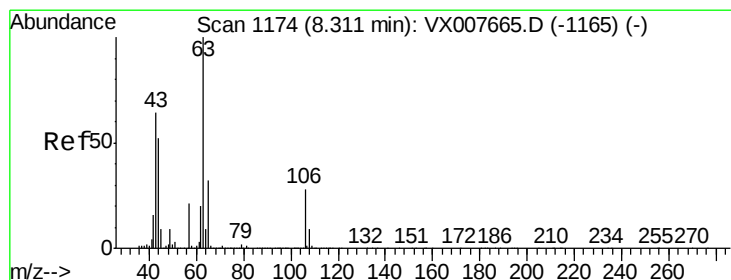
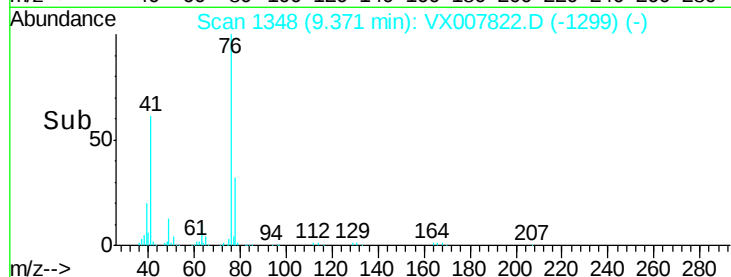
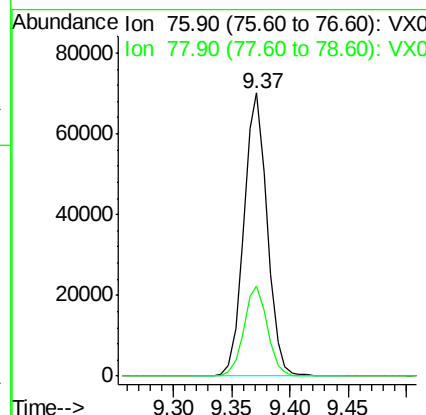
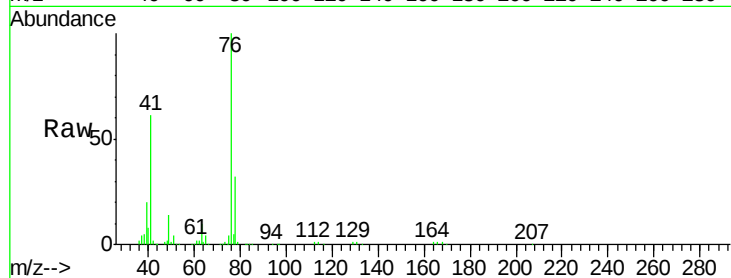




#57
 1,3-Dichloropropane
 Concen: 18.649 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX007822.D
 Acq: 04 Mar 2019 20:22

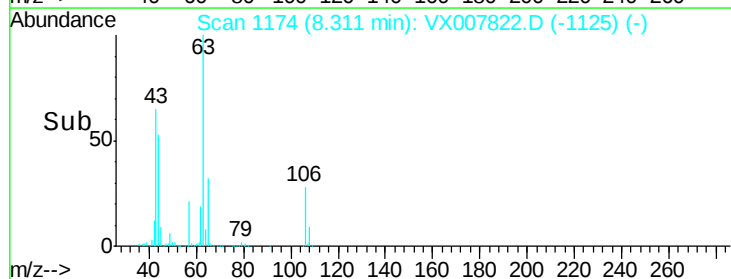
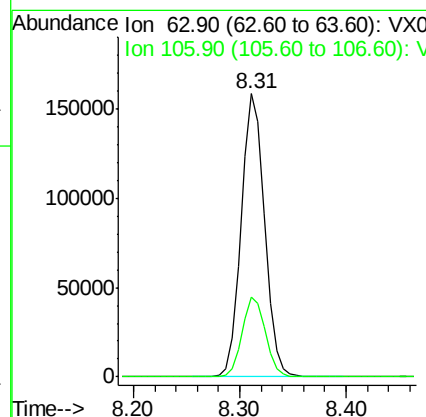
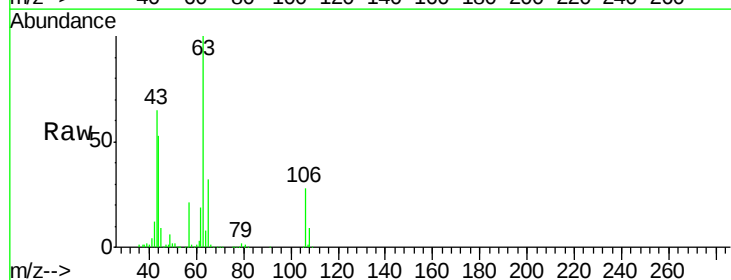
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0304MBSD01

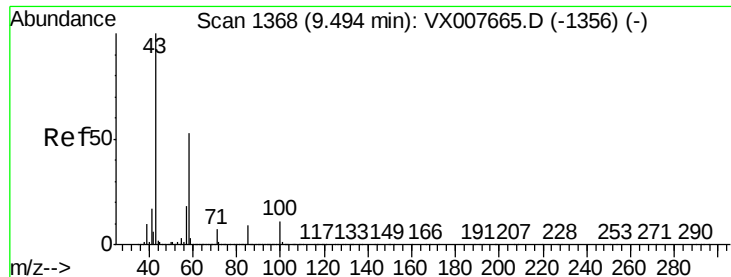
Tot Ion: 76 Resp: 98085
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 94.983 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX007822.D
 Acq: 04 Mar 2019 20:22

Tgt Ion: 63 Resp: 244735
 Ion Ratio Lower Upper
 63 100
 106 28.0 23.6 35.4

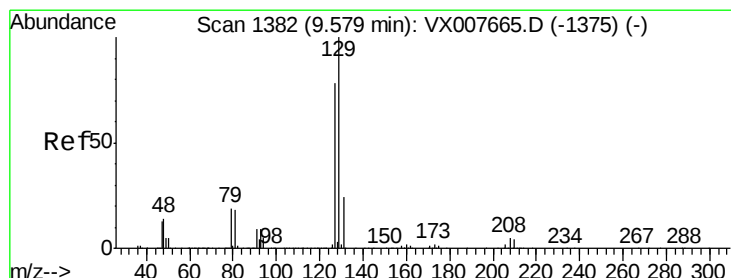
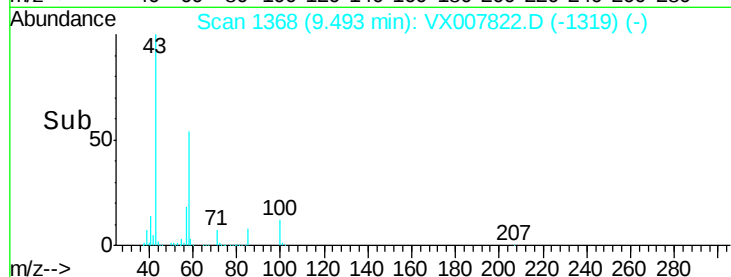
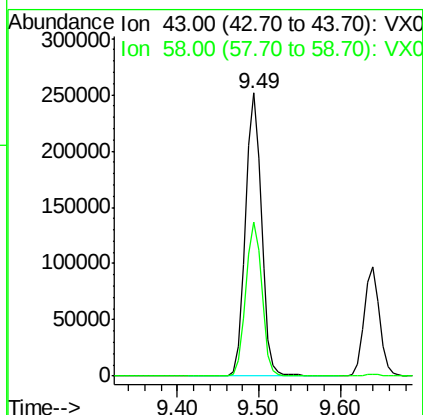
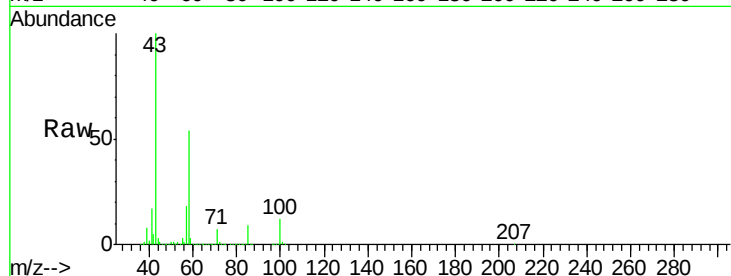




#59
2-Hexanone
Concen: 93.952 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007822.D
Acq: 04 Mar 2019 20:22

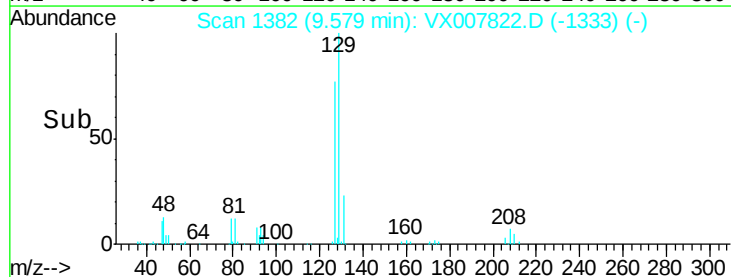
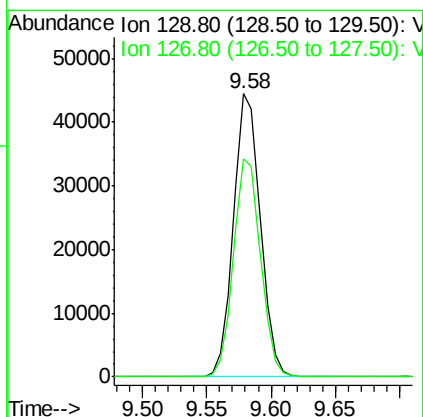
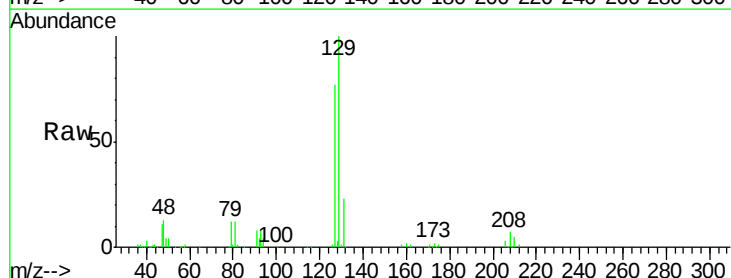
Instrument :
MSVOA_X
ClientSampleId :
VX0304MBSD01

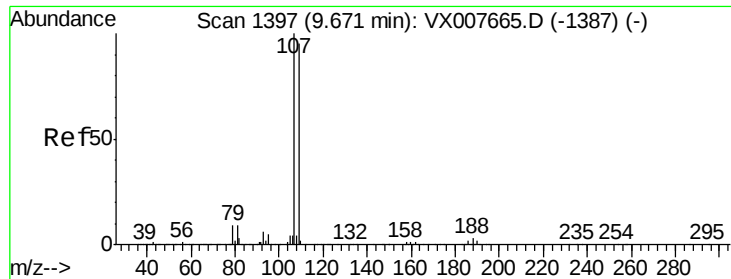
Tot Ion: 43 Resp: 341677
Ion Ratio Lower Upper
43 100
58 54.8 27.1 81.3



#60
Dibromochloromethane
Concen: 20.544 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX007822.D
Acq: 04 Mar 2019 20:22

Tgt Ion: 129 Resp: 64953
Ion Ratio Lower Upper
129 100
127 77.6 37.8 113.4





#61

1,2-Dibromoethane

Concen: 18.083 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007822.D

Acq: 04 Mar 2019 20:22

Instrument :

MSVOA_X

ClientSampleId :

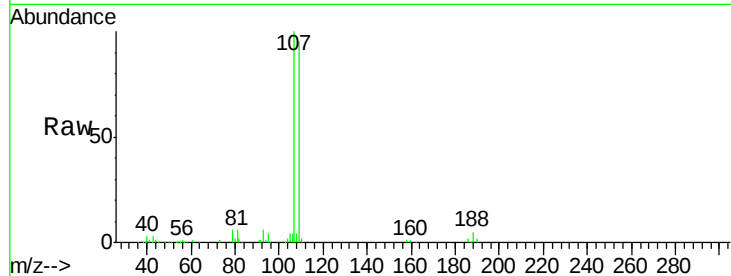
VX0304MBSD01

Tot Ion: 107 Resp: 61688

Ion Ratio Lower Upper

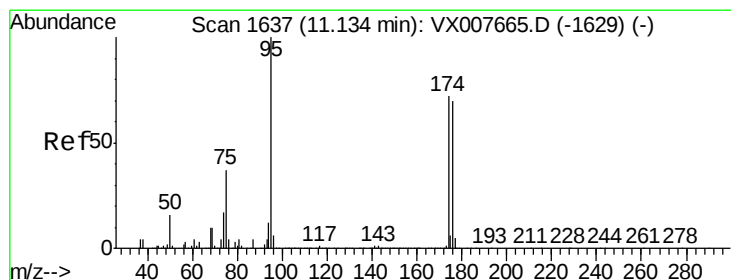
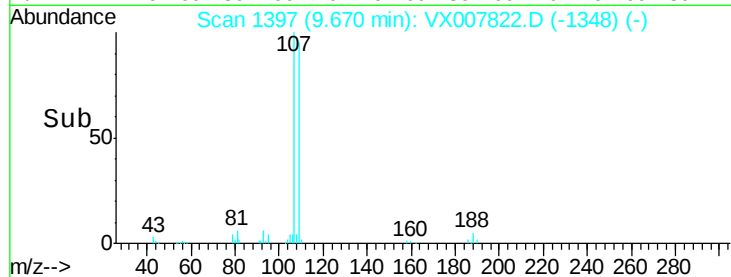
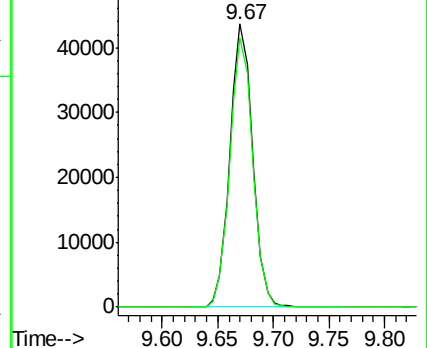
107 100

109 95.9 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 44.599 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007822.D

Acq: 04 Mar 2019 20:22

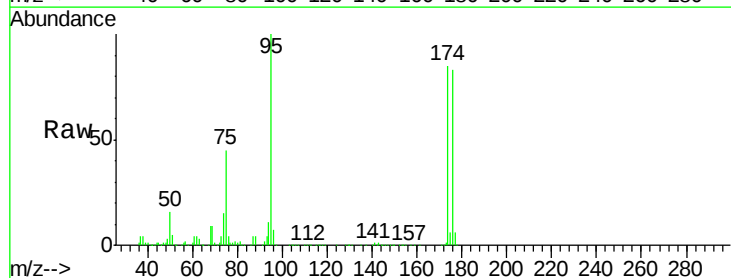
Tgt Ion: 95 Resp: 188610

Ion Ratio Lower Upper

95 100

174 92.7 0.0 189.2

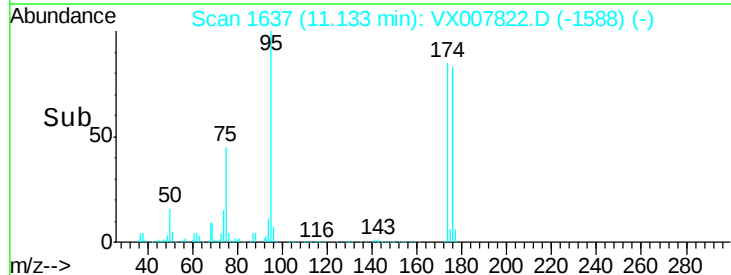
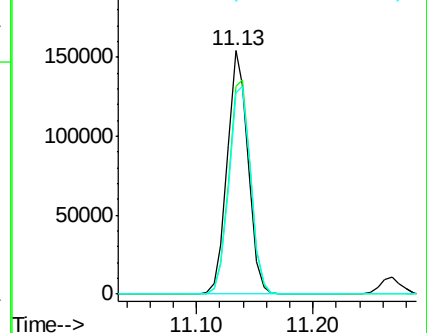
176 90.3 0.0 186.2

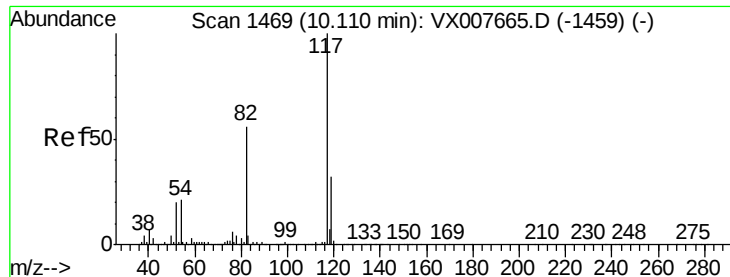


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

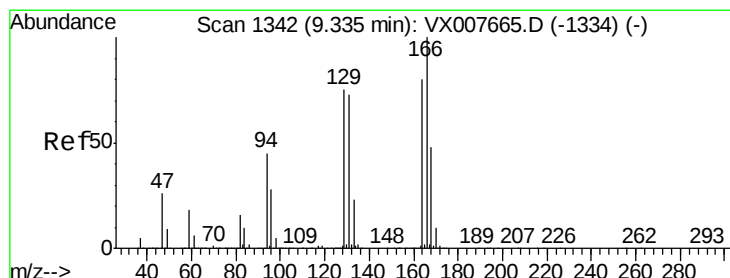
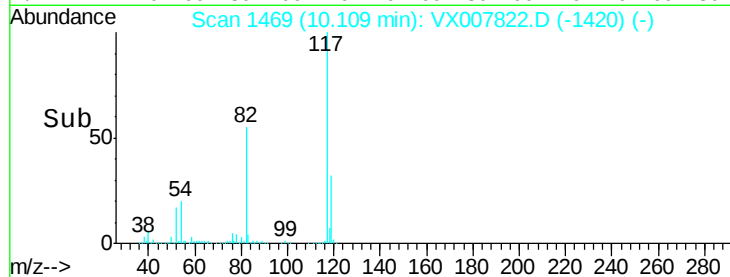
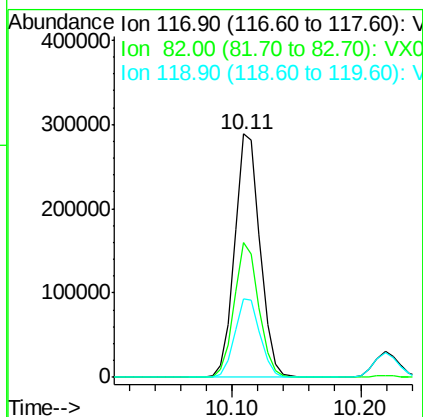
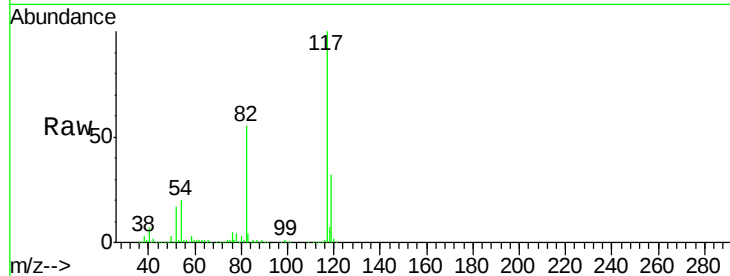




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007822.D
Acq: 04 Mar 2019 20:22

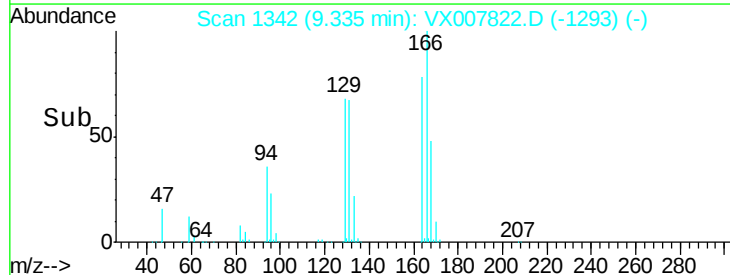
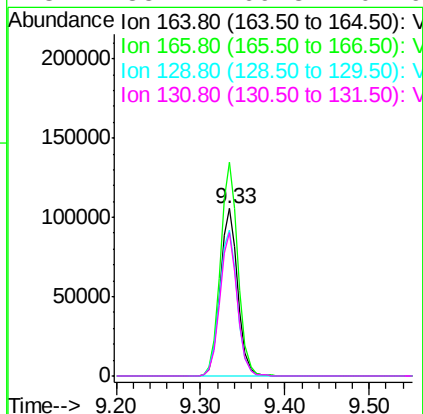
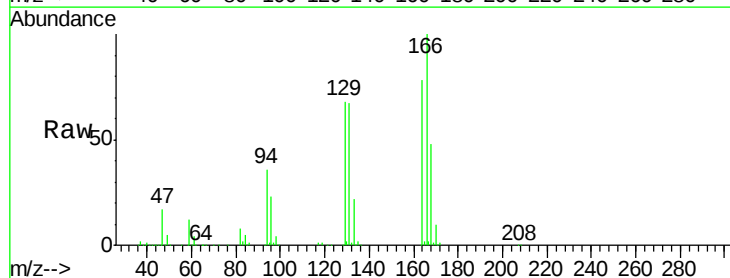
Instrument :
MSVOA_X
ClientSampleId :
VX0304MBSD01

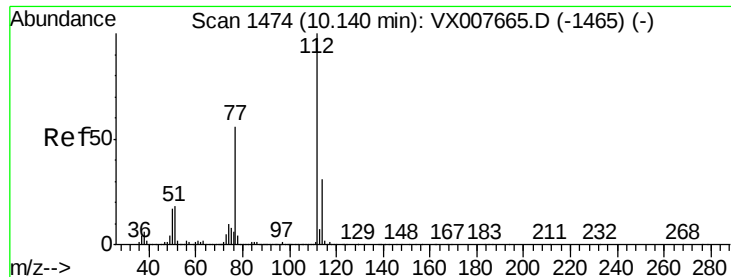
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.5	42.1	63.1
119	32.3	26.5	39.7



#64
Tetrachloroethene
Concen: 46.954 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007822.D
Acq: 04 Mar 2019 20:22

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.7	101.0	151.4
129	86.9	70.5	105.7
131	85.4	69.8	104.6





#65

Chlorobenzene

Concen: 18.319 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX007822.D

Acq: 04 Mar 2019 20:22

Instrument :

MSVOA_X

ClientSampleId :

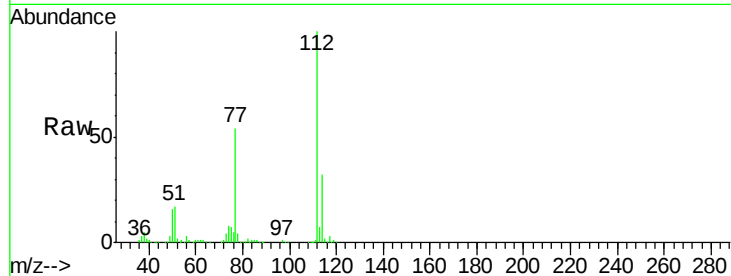
VX0304MBSD01

Tot Ion:112 Resp: 156656

Ion Ratio Lower Upper

112 100

114 32.0 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

120000

100000

80000

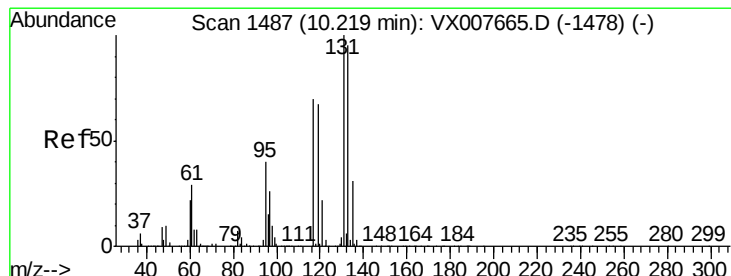
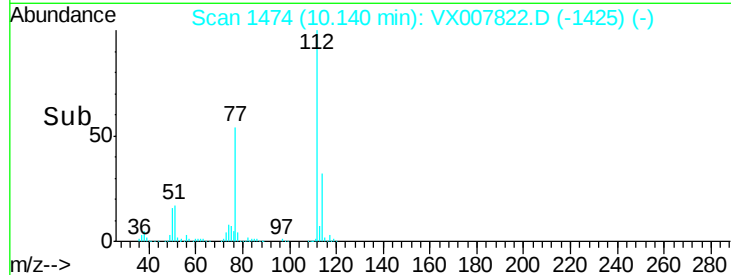
60000

40000

20000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 19.751 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX007822.D

Acq: 04 Mar 2019 20:22

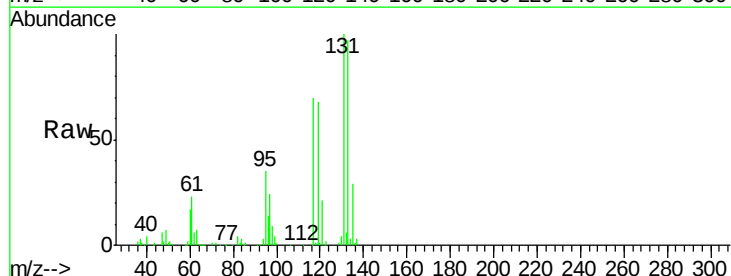
Tgt Ion:131 Resp: 58915

Ion Ratio Lower Upper

131 100

133 96.9 48.0 144.2

119 66.0 32.0 96.0



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

10.22

60000

50000

40000

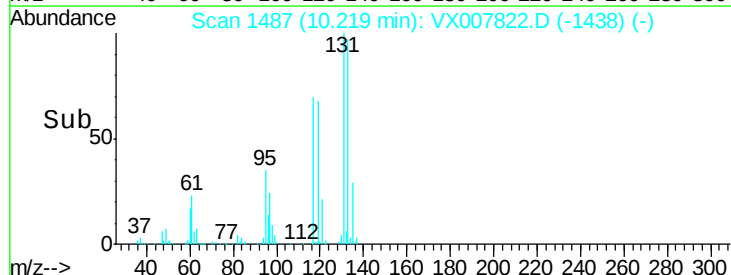
30000

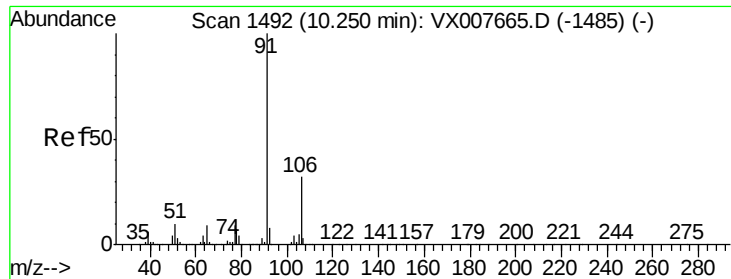
20000

10000

0

Time-->

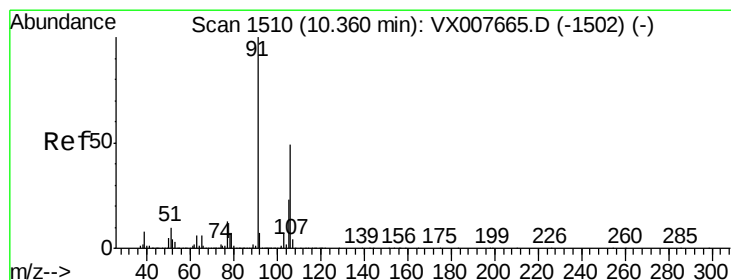
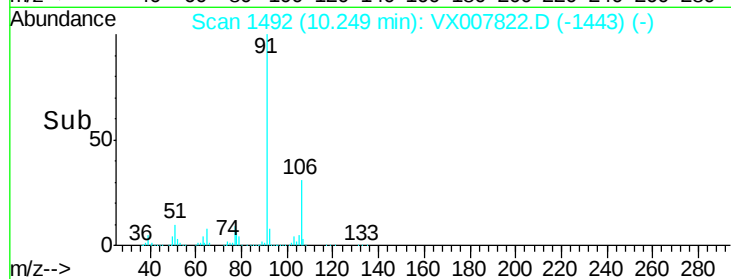
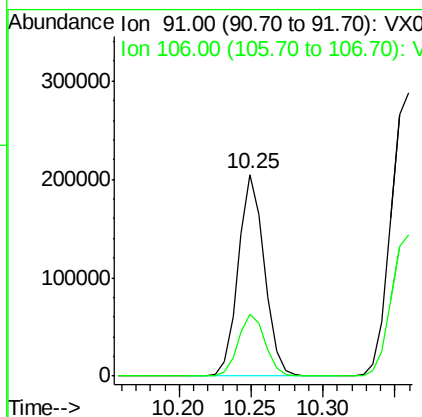
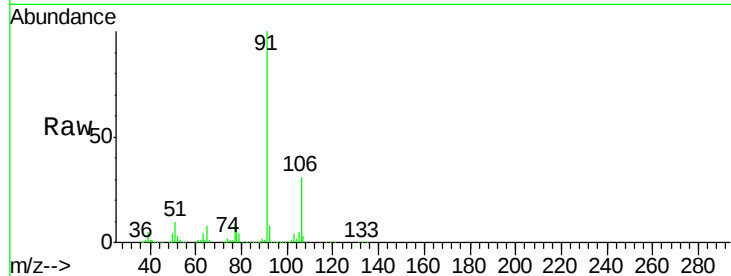




#67
Ethyl Benzene
Concen: 18.213 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX007822.D
Acq: 04 Mar 2019 20:22

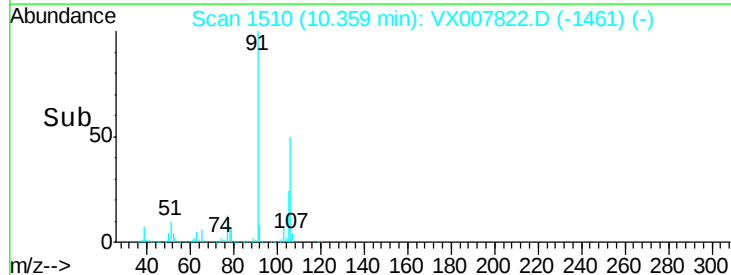
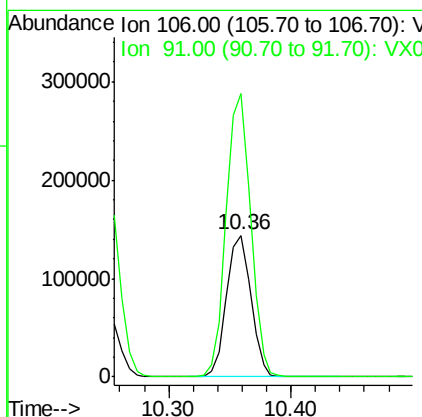
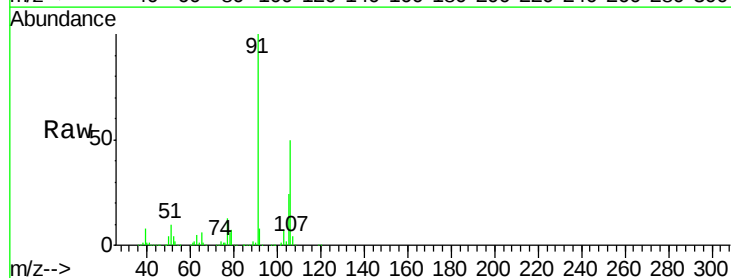
Instrument :
MSVOA_X
ClientSampleId :
VX0304MBSD01

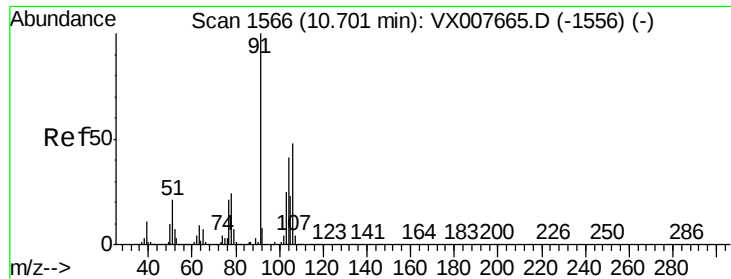
Tot Ion: 91 Resp: 258005
Ion Ratio Lower Upper
91 100
106 30.5 25.4 38.0



#68
m/p-Xylenes
Concen: 36.088 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX007822.D
Acq: 04 Mar 2019 20:22

Tgt Ion: 106 Resp: 198881
Ion Ratio Lower Upper
106 100
91 200.7 156.6 234.8

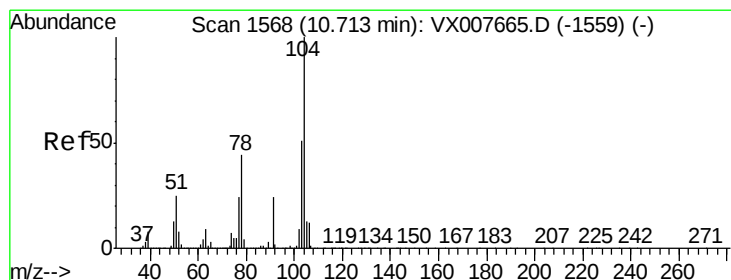
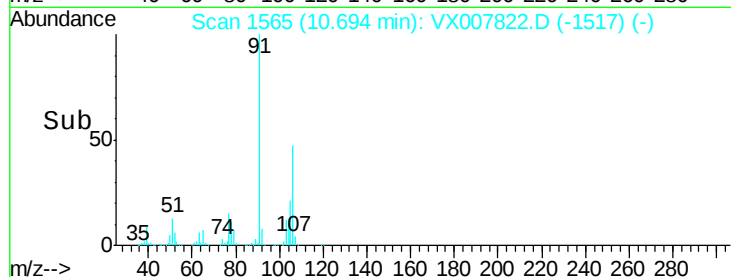
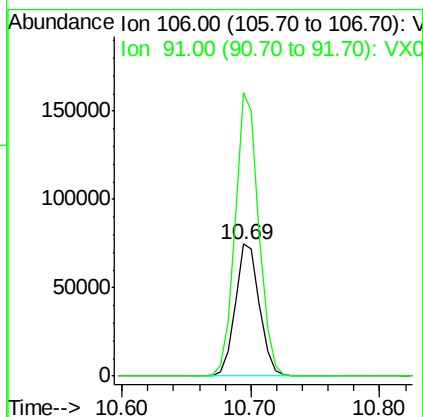
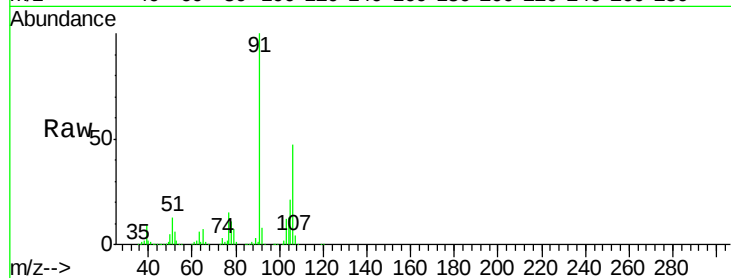




#69
o-Xylene
Concen: 18.379 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX007822.D
Acq: 04 Mar 2019 20:22

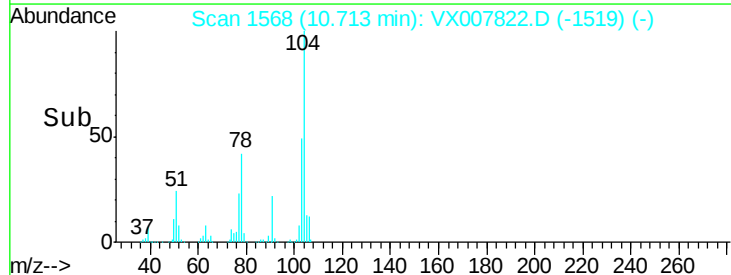
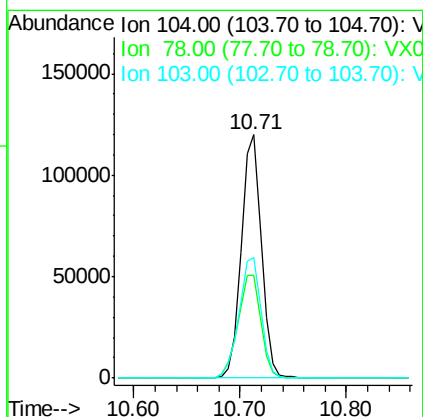
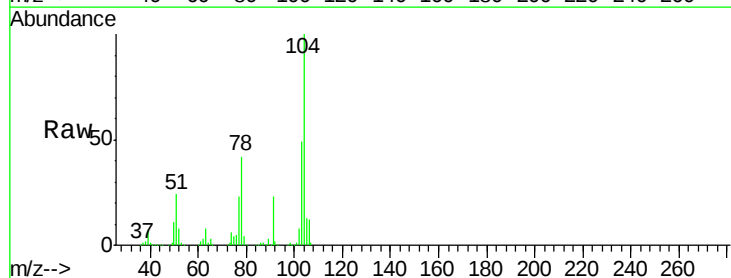
Instrument :
MSVOA_X
ClientSampleId :
VX0304MBSD01

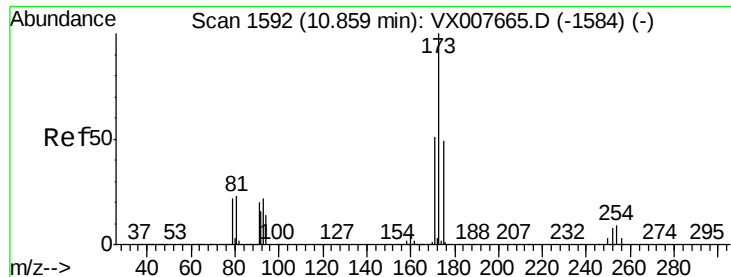
Tot Ion:106 Resp: 97423
Ion Ratio Lower Upper
106 100
91 209.8 102.9 308.7



#70
Styrene
Concen: 18.305 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007822.D
Acq: 04 Mar 2019 20:22

Tgt Ion:104 Resp: 159493
Ion Ratio Lower Upper
104 100
78 48.3 38.3 57.5
103 54.8 44.6 67.0





#71

Bromoform

Concen: 23.639 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX007822.D

Acq: 04 Mar 2019 20:22

Instrument :

MSVOA_X

ClientSampleId :

VX0304MBSD01

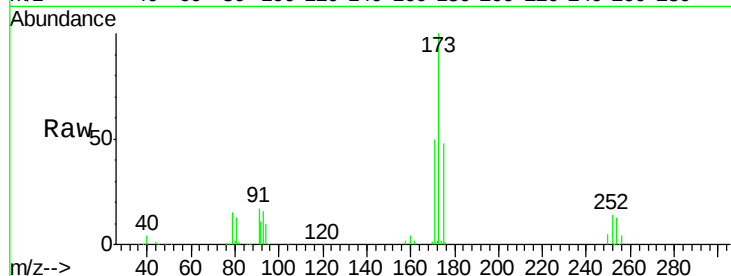
Tot Ion:173 Resp: 52877

Ion Ratio Lower Upper

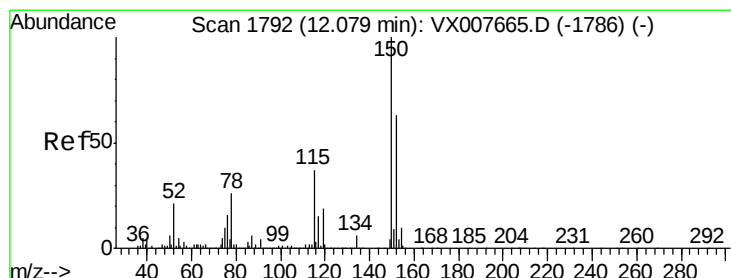
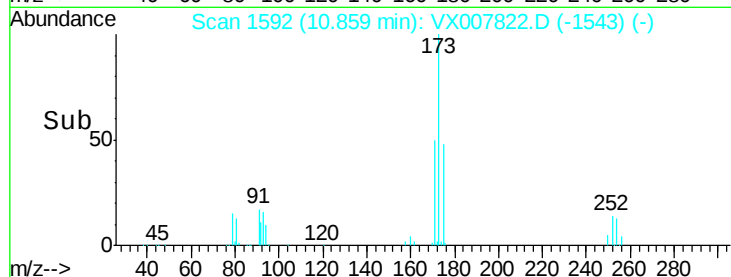
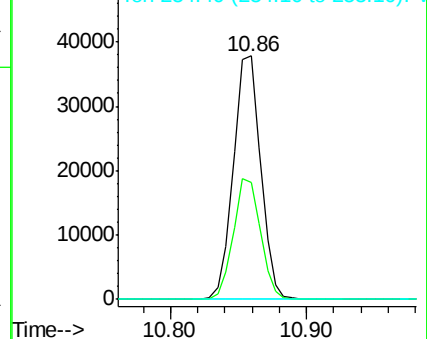
173 100

175 49.3 24.2 72.6

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007822.D

Acq: 04 Mar 2019 20:22

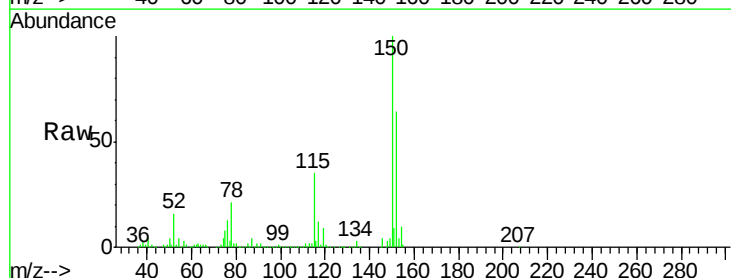
Tgt Ion:152 Resp: 197874

Ion Ratio Lower Upper

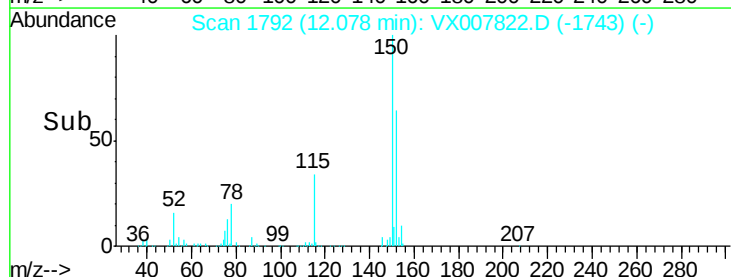
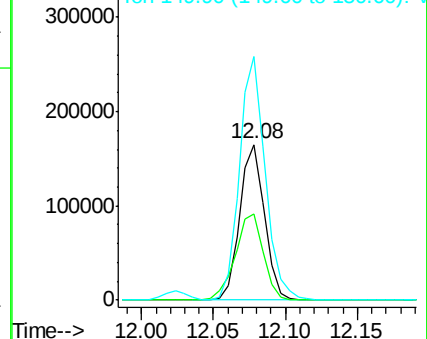
152 100

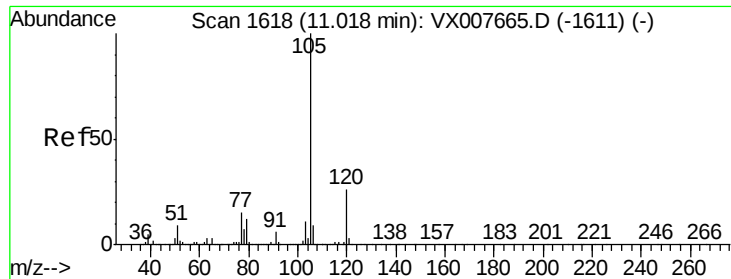
115 63.0 38.0 114.0

150 162.9 0.0 346.4



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





#73

Isopropylbenzene

Concen: 18.397 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007822.D

Acq: 04 Mar 2019 20:22

Instrument :

MSVOA_X

ClientSampleId :

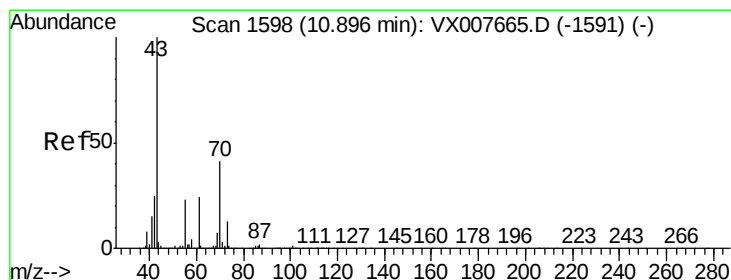
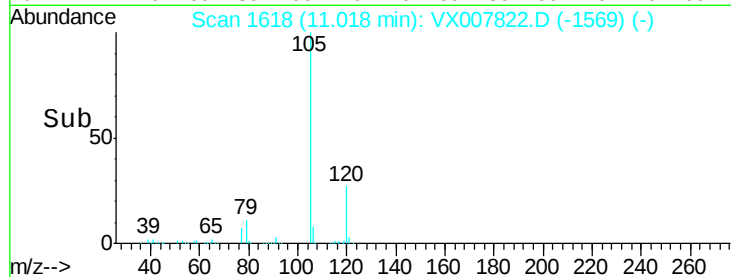
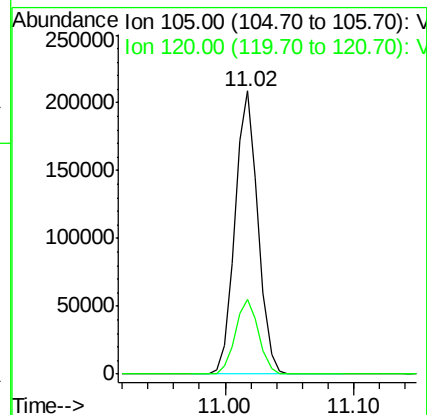
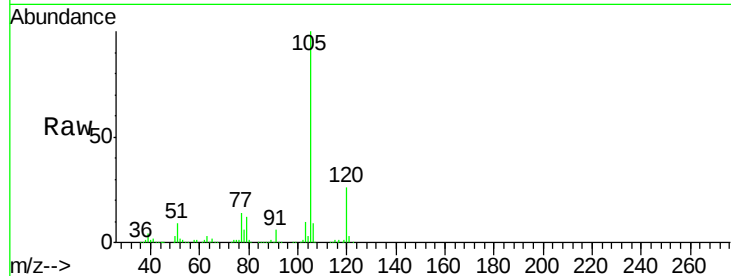
VX0304MBSD01

Tot Ion:105 Resp: 260179

Ion Ratio Lower Upper

105 100

120 26.7 13.6 40.7



#74

N-ethyl acetate

Concen: 19.478 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007822.D

Acq: 04 Mar 2019 20:22

Tgt Ion: 43 Resp: 119620

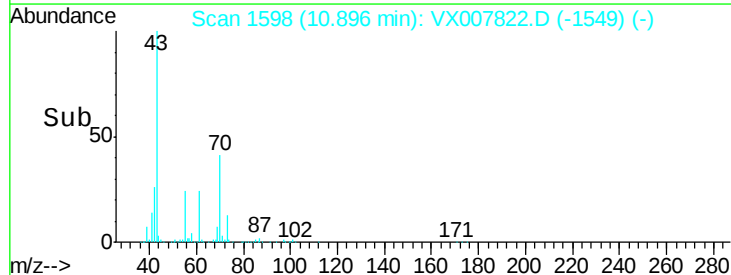
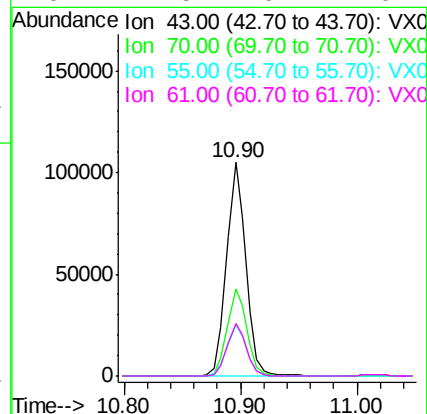
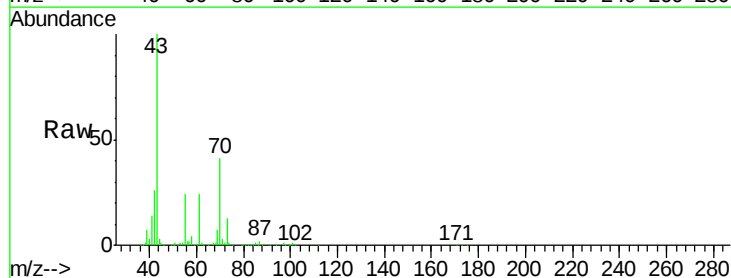
Ion Ratio Lower Upper

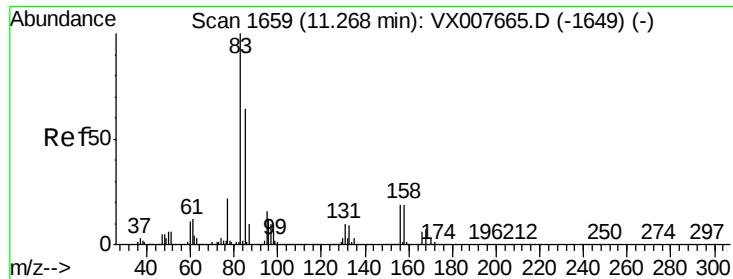
43 100

70 41.7 33.8 50.6

55 24.4 19.5 29.3

61 24.5 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 18.456 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007822.D

Acq: 04 Mar 2019 20:22

Instrument :

MSVOA_X

ClientSampleId :

VX0304MBSD01

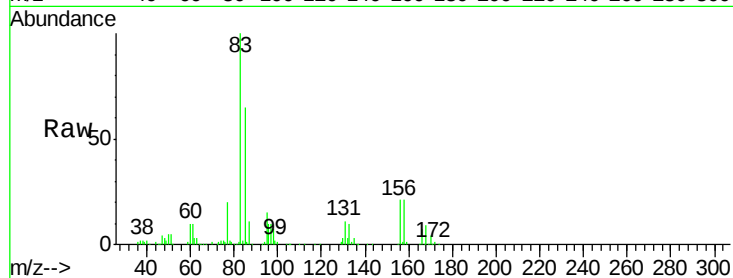
Tot Ion: 83 Resp: 90274

Ion Ratio Lower Upper

83 100

131 10.7 5.7 17.0

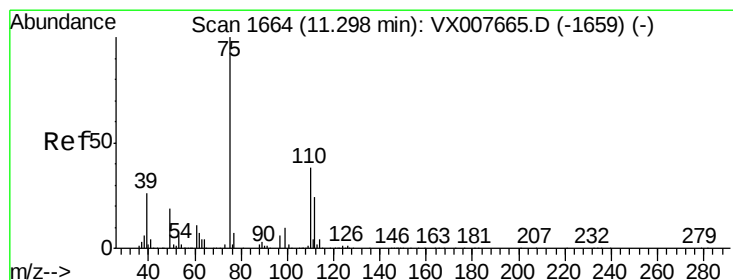
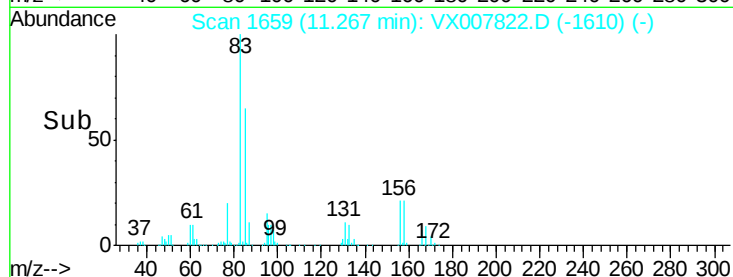
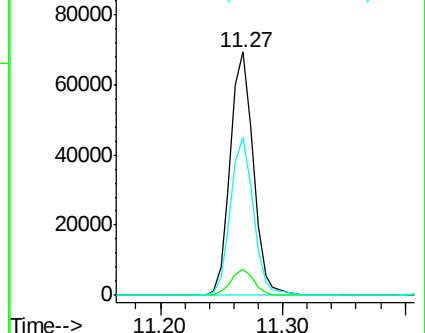
85 64.4 32.8 98.3



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: 24.007 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX007822.D

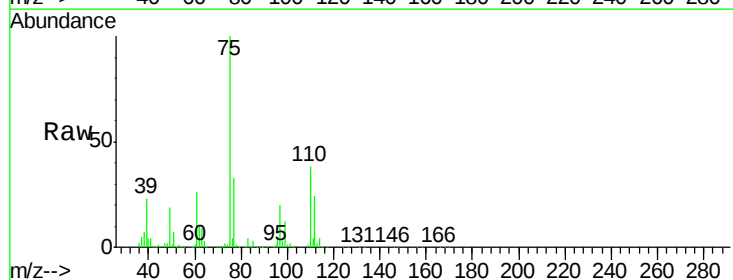
Acq: 04 Mar 2019 20:22

Tgt Ion: 75 Resp: 101255

Ion Ratio Lower Upper

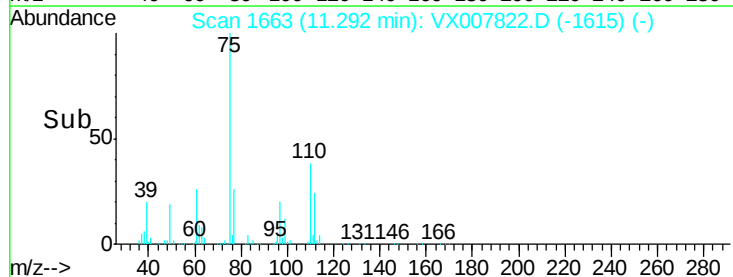
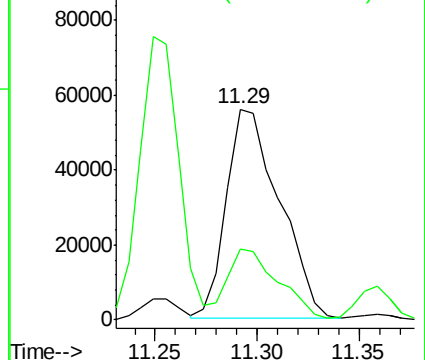
75 100

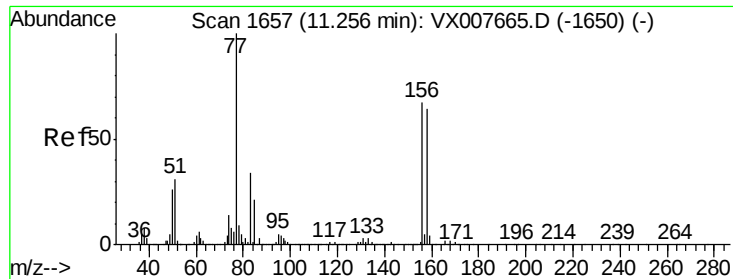
77 32.8 23.0 69.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.996 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007822.D

Acq: 04 Mar 2019 20:22

Instrument :

MSVOA_X

ClientSampleId :

VX0304MBSD01

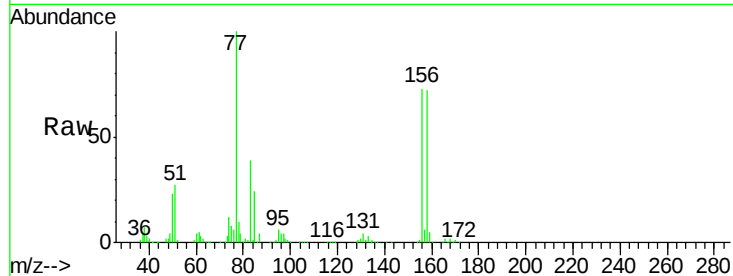
Tot Ion:156 Resp: 70930

Ion Ratio Lower Upper

156 100

77 141.5 66.8 200.6

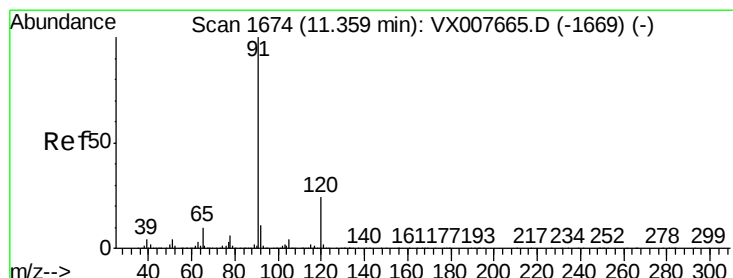
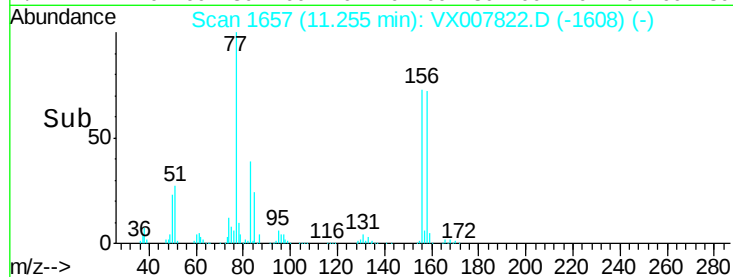
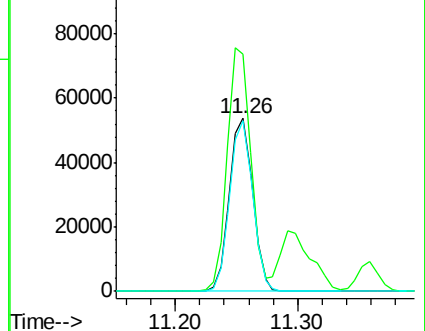
158 97.1 47.9 143.8



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: 17.884 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007822.D

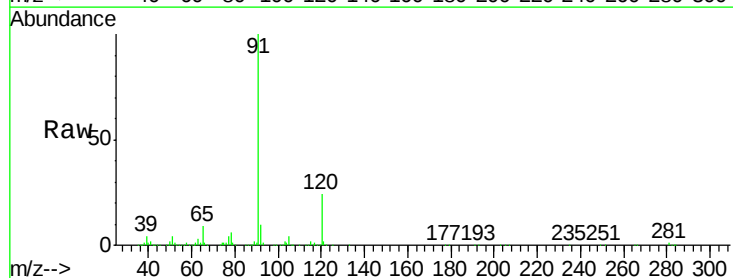
Acq: 04 Mar 2019 20:22

Tgt Ion: 91 Resp: 285805

Ion Ratio Lower Upper

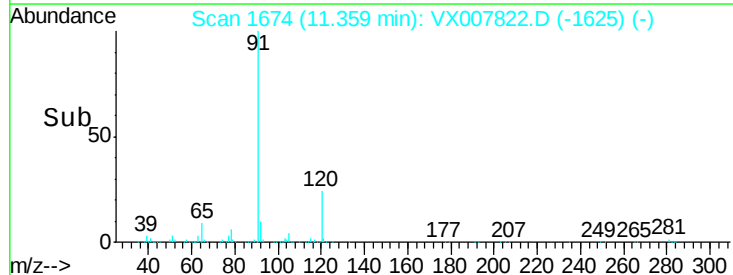
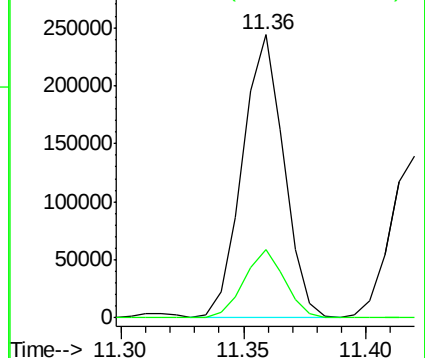
91 100

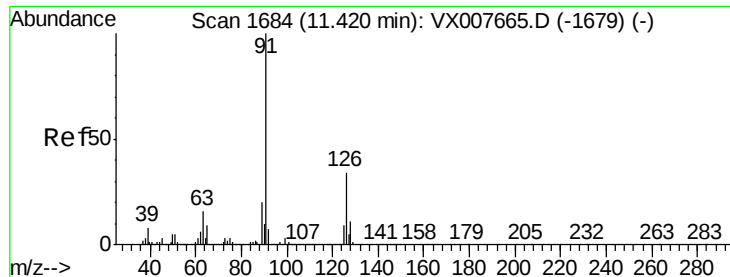
120 23.8 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.041 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007822.D

Acq: 04 Mar 2019 20:22

Instrument :

MSVOA_X

ClientSampleId :

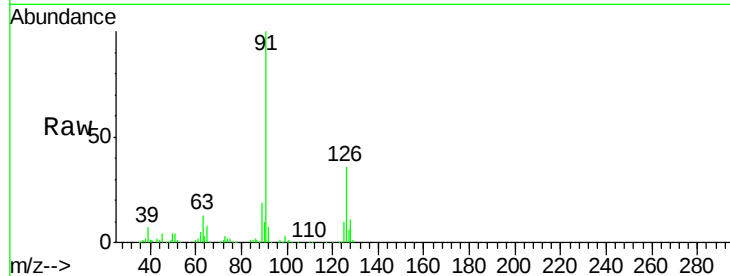
VX0304MBSD01

Tot Ion: 91 Resp: 173604

Ion Ratio Lower Upper

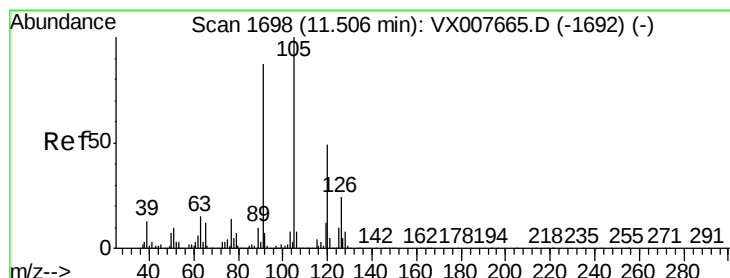
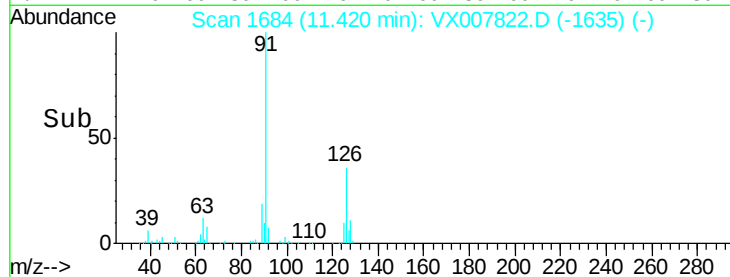
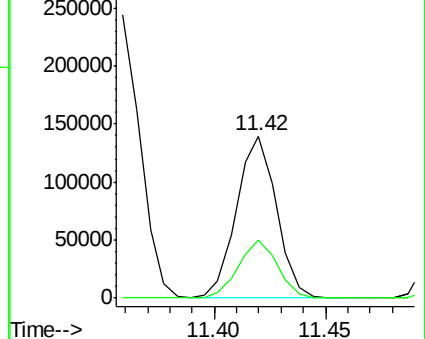
91 100

126 35.5 18.7 56.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 18.124 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007822.D

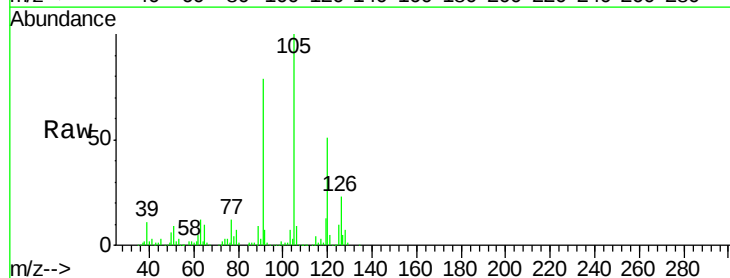
Acq: 04 Mar 2019 20:22

Tgt Ion: 105 Resp: 210832

Ion Ratio Lower Upper

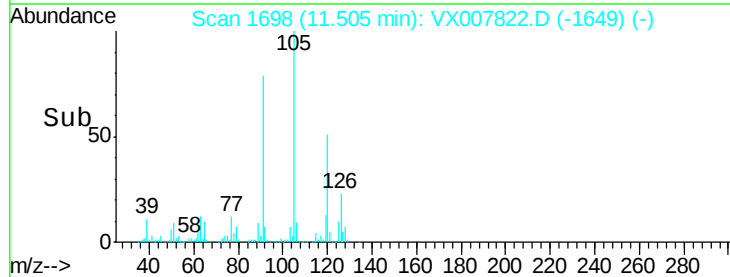
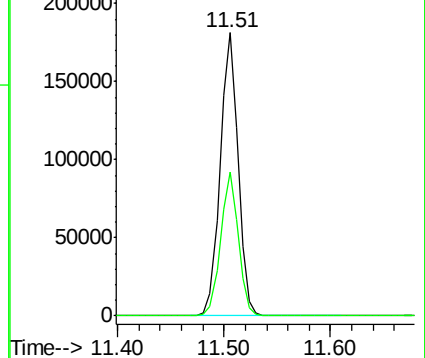
105 100

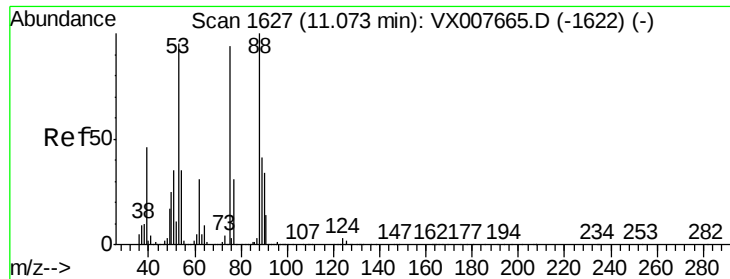
120 50.3 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

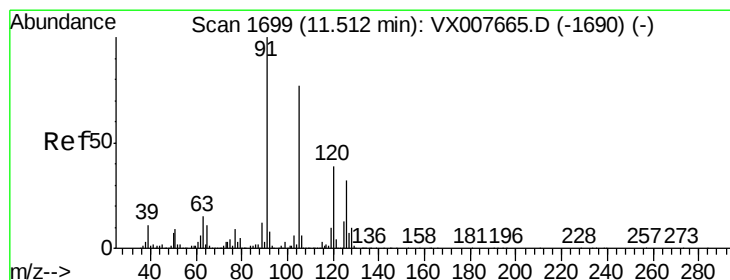
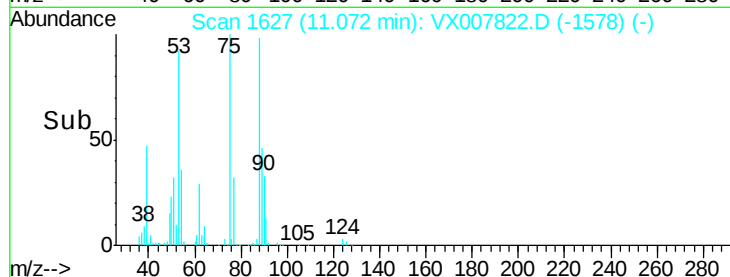
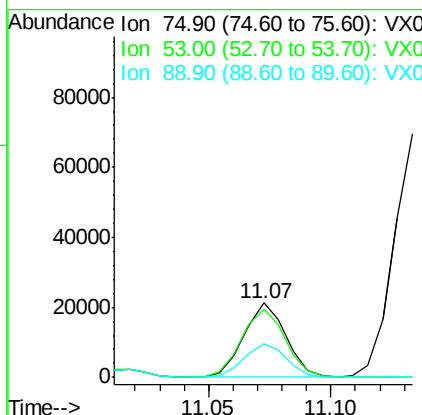
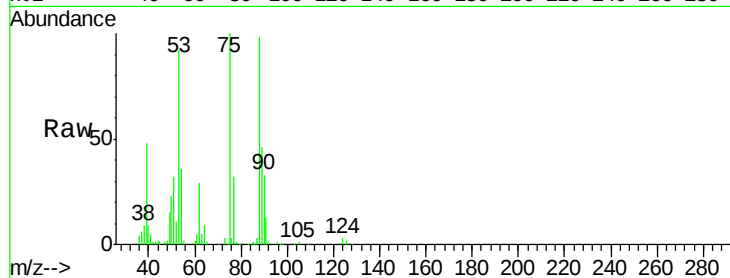




#81
trans-1,4-Dichloro-2-butene
Concen: 18.420 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007822.D
Acq: 04 Mar 2019 20:22

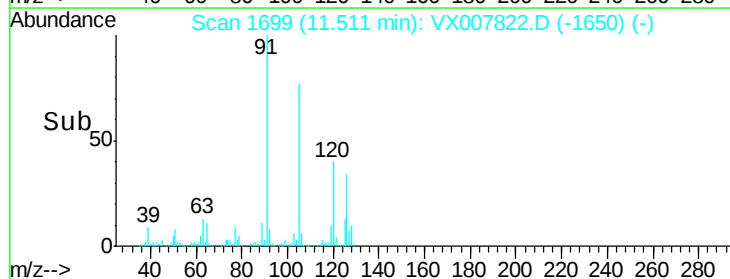
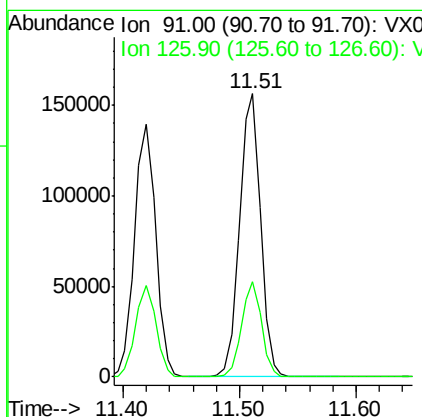
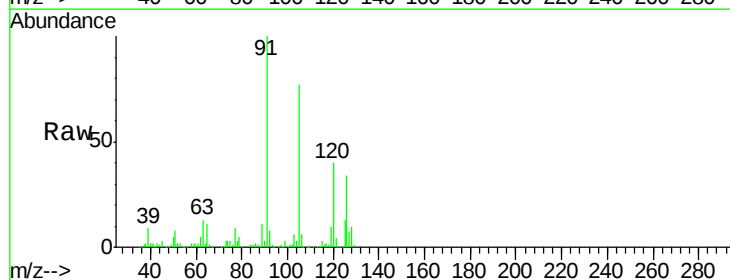
Instrument :
MSVOA_X
ClientSampleId :
VX0304MBSD01

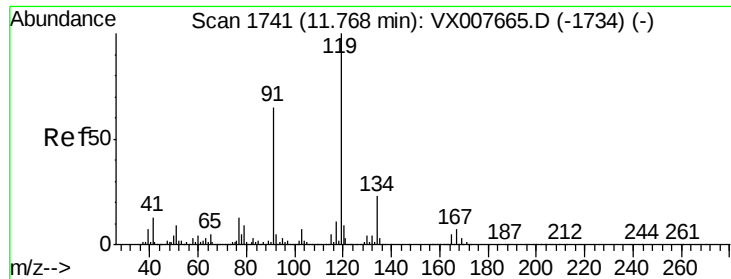
Tot Ion: 75 Resp: 25809
Ion Ratio Lower Upper
75 100
53 94.2 81.0 121.6
89 45.8 41.4 62.0



#82
4-Chlorotoluene
Concen: 17.482 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX007822.D
Acq: 04 Mar 2019 20:22

Tgt Ion: 91 Resp: 196789
Ion Ratio Lower Upper
91 100
126 32.0 16.2 48.5





#83

tert-Butylbenzene

Concen: 19.437 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX007822.D

Acq: 04 Mar 2019 20:22

Instrument :

MSVOA_X

ClientSampleId :

VX0304MBSD01

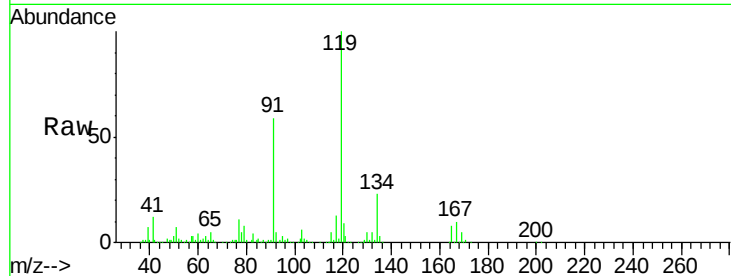
Tot Ion:119 Resp: 217097

Ion Ratio Lower Upper

119 100

91 54.6 28.5 85.6

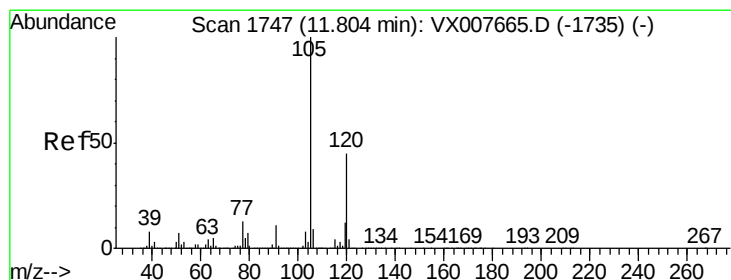
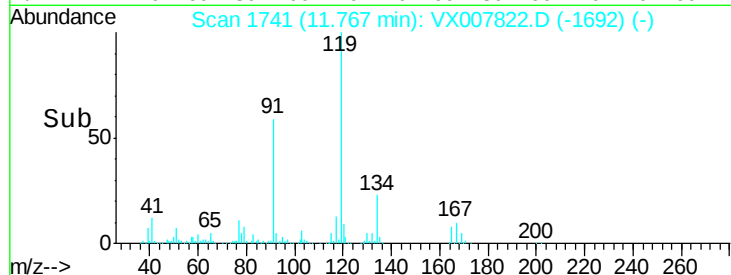
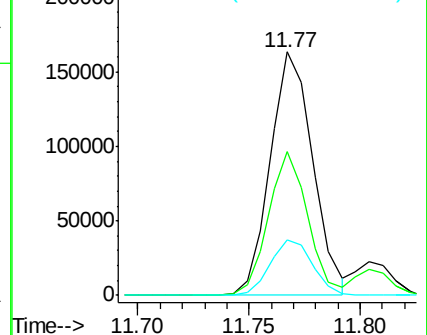
134 22.7 12.0 36.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 18.333 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX007822.D

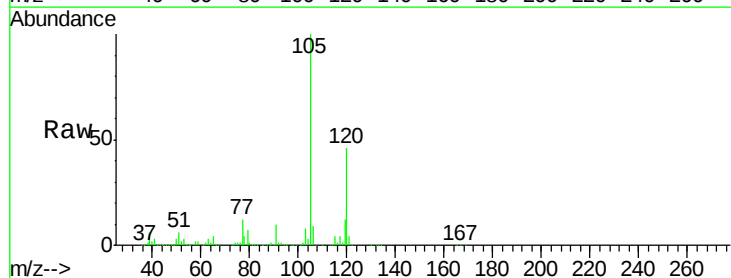
Acq: 04 Mar 2019 20:22

Tgt Ion:105 Resp: 218143

Ion Ratio Lower Upper

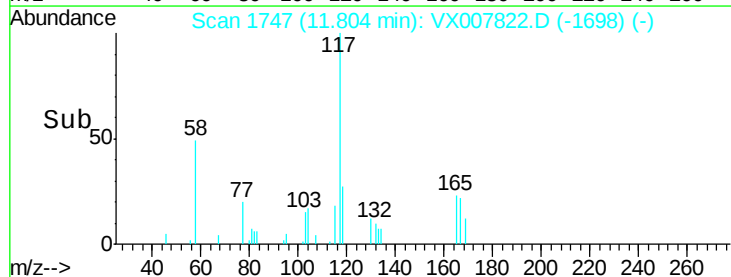
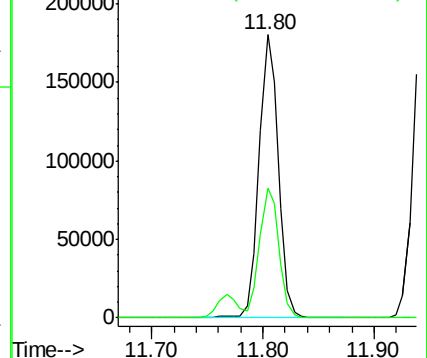
105 100

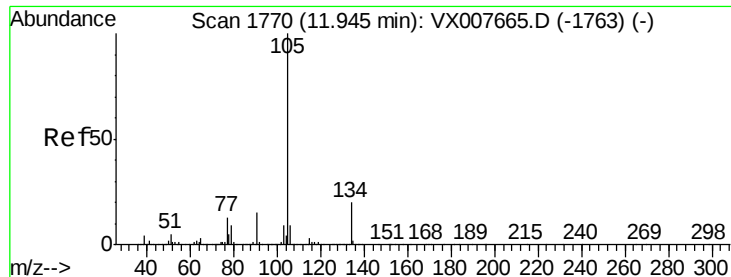
120 45.9 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 18.119 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007822.D

Acq: 04 Mar 2019 20:22

Instrument :

MSVOA_X

ClientSampleId :

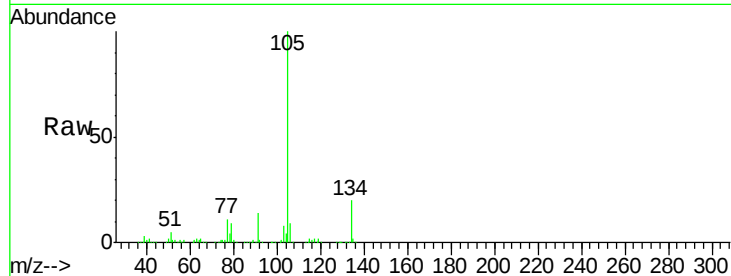
VX0304MBSD01

Tot Ion:105 Resp: 253603

Ion Ratio Lower Upper

105 100

134 20.6 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

250000

200000

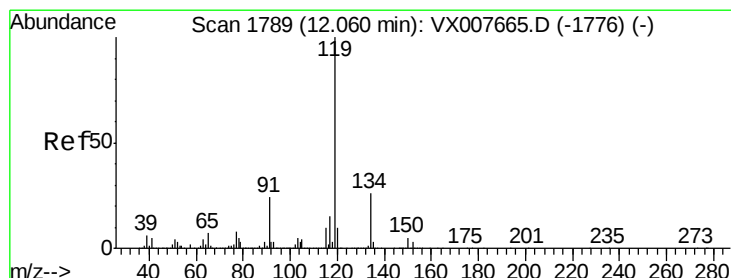
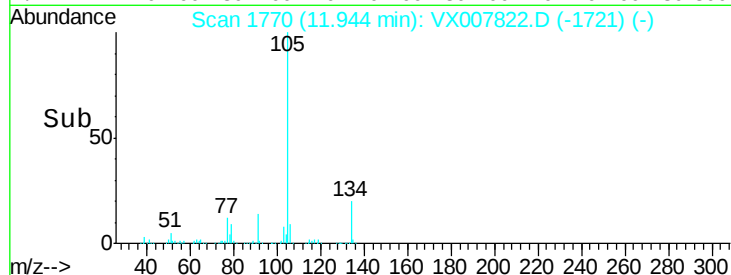
150000

100000

50000

0

Time--> 11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 18.406 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007822.D

Acq: 04 Mar 2019 20:22

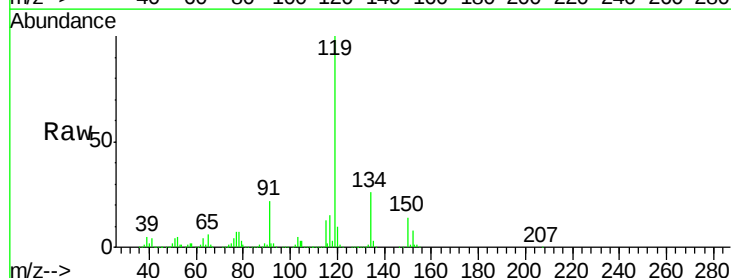
Tgt Ion:119 Resp: 225602

Ion Ratio Lower Upper

119 100

134 26.4 13.7 41.1

91 22.3 11.2 33.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

250000

200000

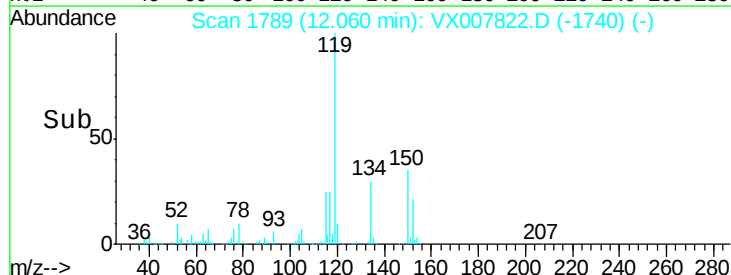
150000

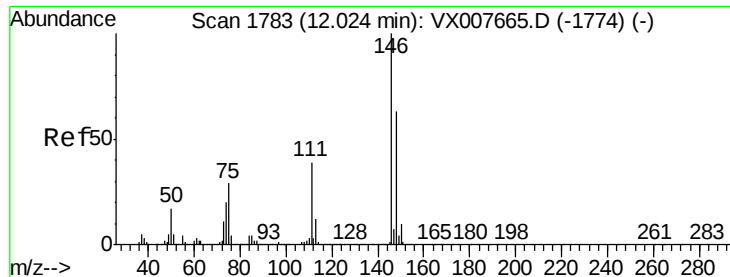
100000

50000

0

Time--> 12.00 12.10

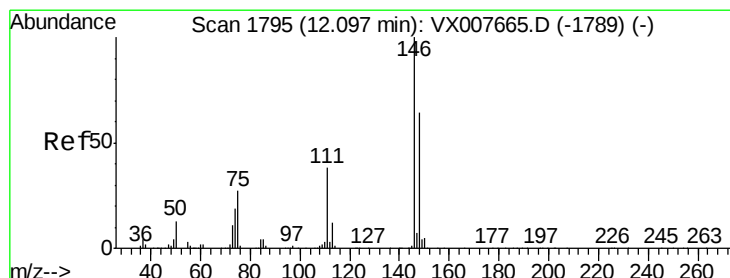
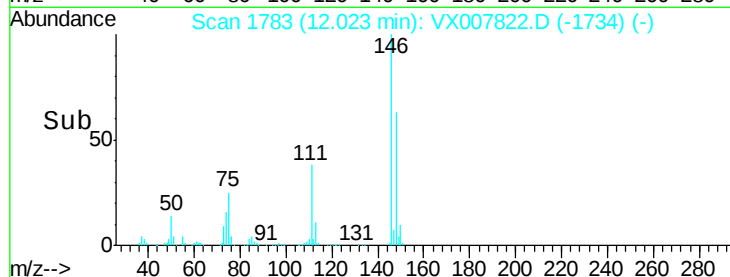
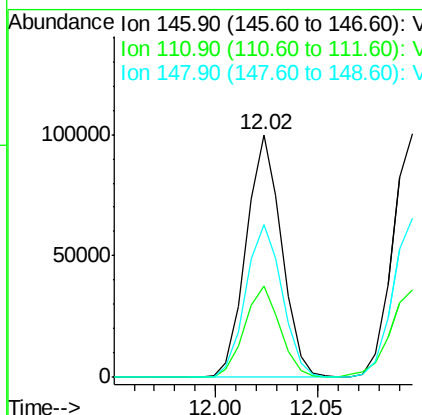
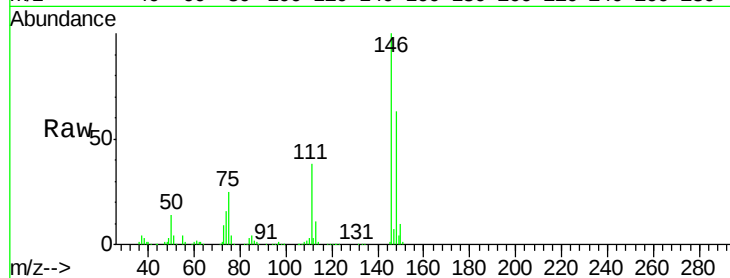




#87
 1,3-Dichlorobenzene
 Concen: 18.290 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007822.D
 Acq: 04 Mar 2019 20:22

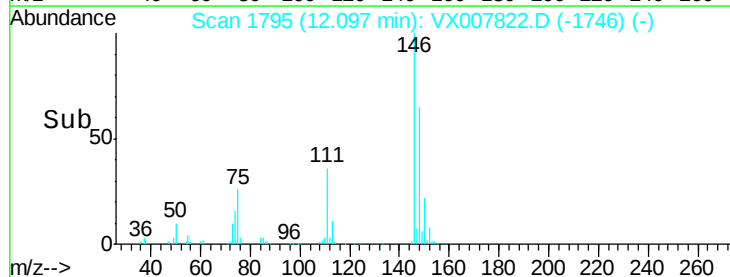
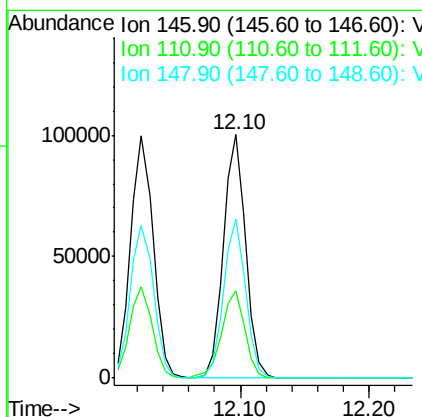
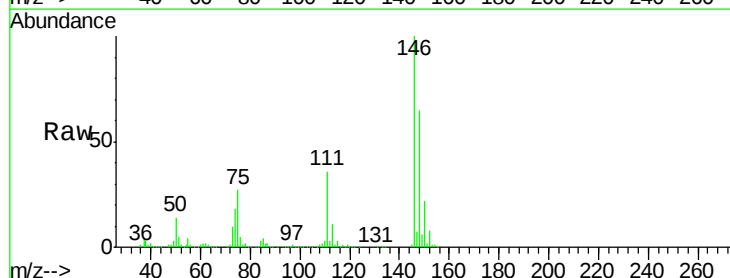
Instrument :
 MSVOA_X
 ClientSampled :
 VX0304MBSD01

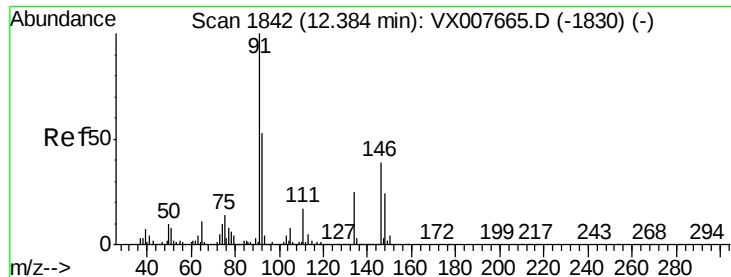
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.1	54.1
148	65.2	32.0	96.2



#88
 1,4-Dichlorobenzene
 Concen: 18.138 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007822.D
 Acq: 04 Mar 2019 20:22

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.1	54.1
148	65.2	32.3	96.9

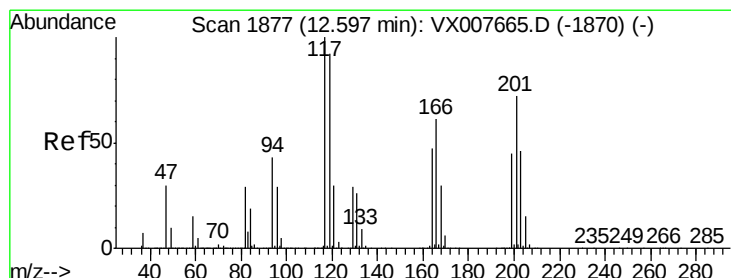
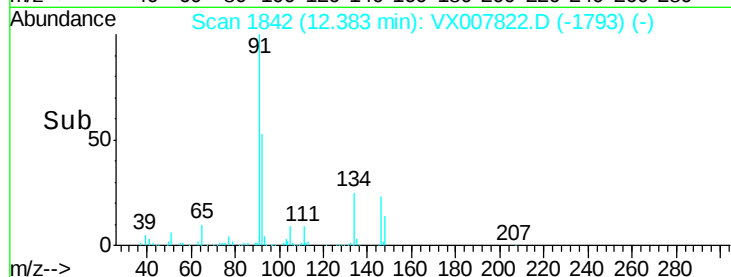
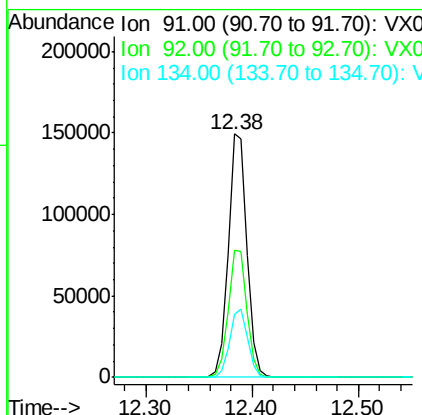
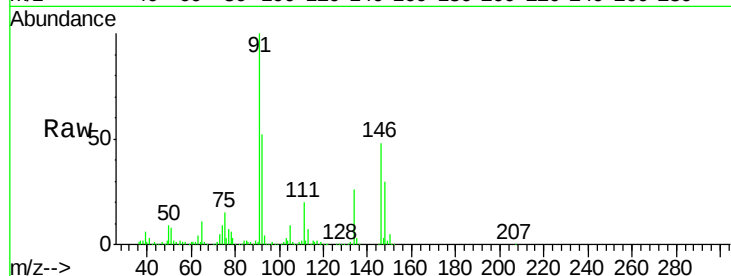




#89
n-Butylbenzene
Concen: 16.720 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX007822.D
Acq: 04 Mar 2019 20:22

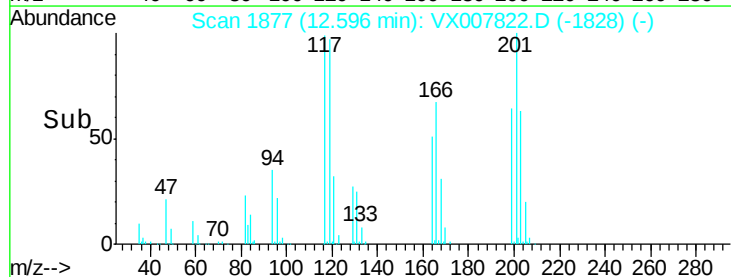
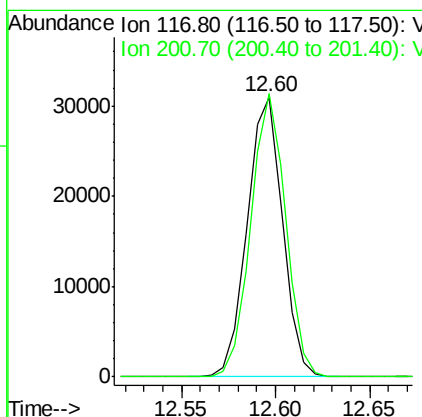
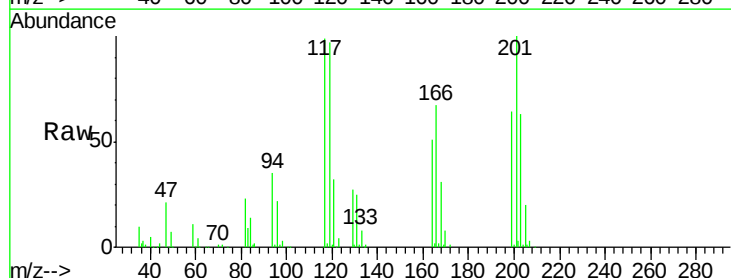
Instrument :
MSVOA_X
ClientSampleId :
VX0304MBSD01

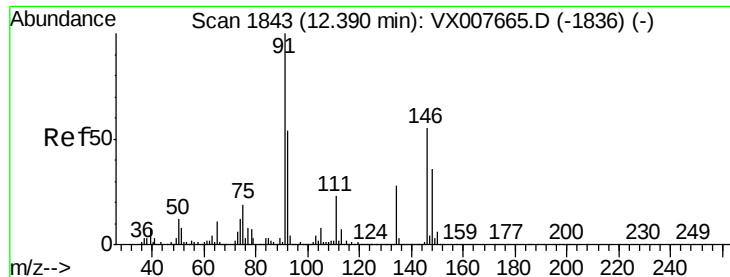
Tot Ion: 91 Resp: 182769
Ion Ratio Lower Upper
91 100
92 52.5 26.3 78.9
134 27.5 13.9 41.6



#90
Hexachloroethane
Concen: 19.467 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX007822.D
Acq: 04 Mar 2019 20:22

Tgt Ion: 117 Resp: 40204
Ion Ratio Lower Upper
117 100
201 99.5 44.9 134.7





#91

1,2-Dichlorobenzene

Concen: 18.727 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007822.D

Acq: 04 Mar 2019 20:22

Instrument :

MSVOA_X

ClientSampled :

VX0304MBSD01

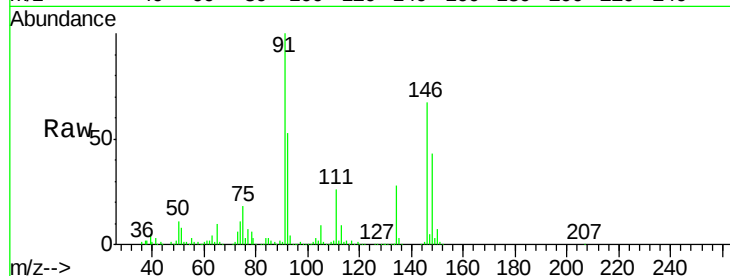
Tot Ion:146 Resp: 123287

Ion Ratio Lower Upper

146 100

111 38.8 19.1 57.3

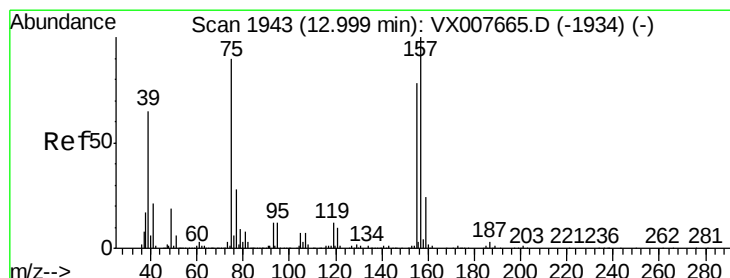
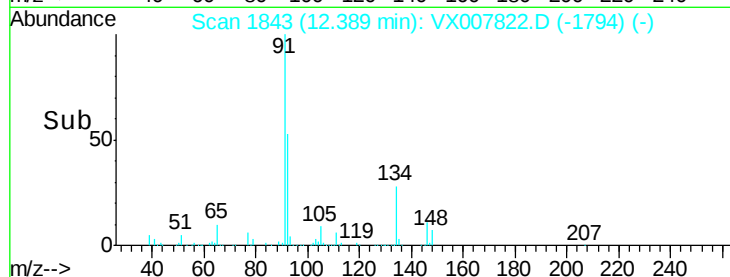
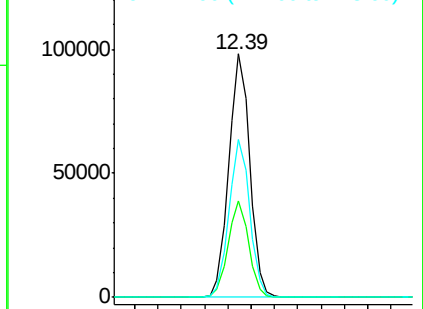
148 63.8 32.1 96.3



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: 17.625 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX007822.D

Acq: 04 Mar 2019 20:22

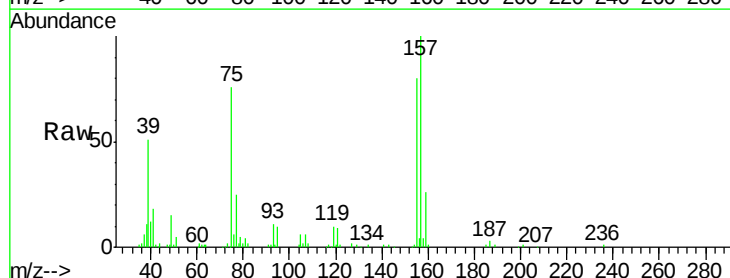
Tgt Ion: 75 Resp: 18784

Ion Ratio Lower Upper

75 100

155 101.3 49.6 149.0

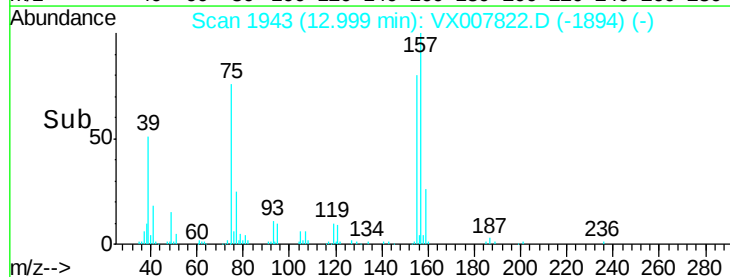
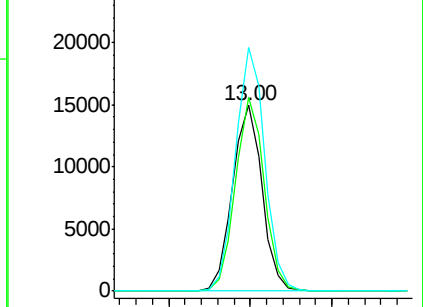
157 129.8 65.1 195.3

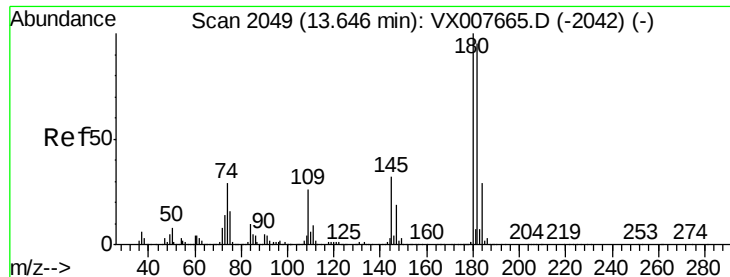


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 20.861 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX007822.D

Acq: 04 Mar 2019 20:22

Instrument :

MSVOA_X

ClientSampleId :

VX0304MBSD01

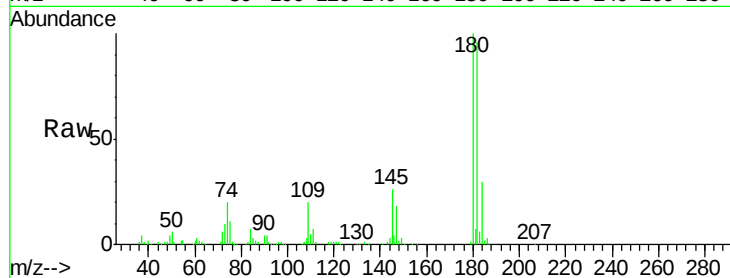
Tot Ion:180 Resp: 83832

Ion Ratio Lower Upper

180 100

182 96.2 47.8 143.3

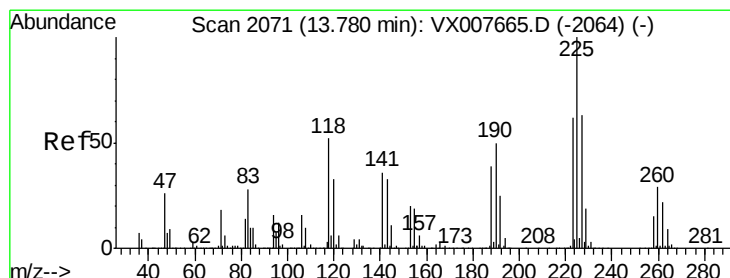
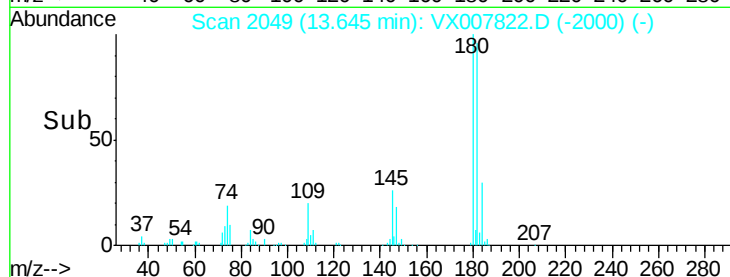
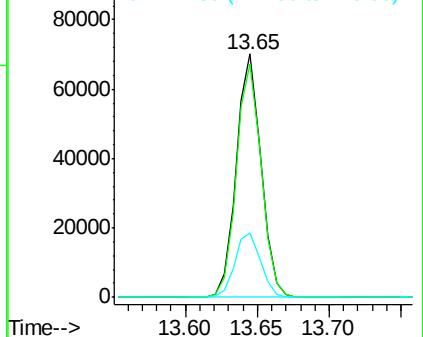
145 27.7 14.1 42.2



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 24.368 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VX007822.D

Acq: 04 Mar 2019 20:22

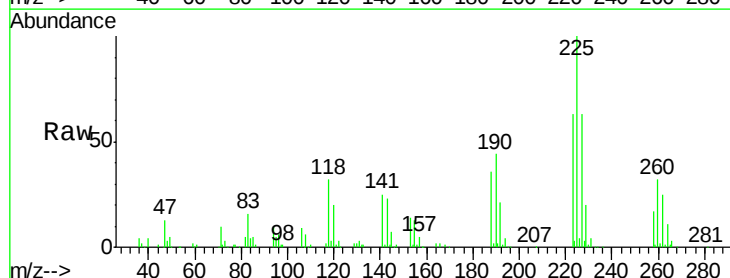
Tgt Ion:225 Resp: 44798

Ion Ratio Lower Upper

225 100

223 62.3 31.6 94.8

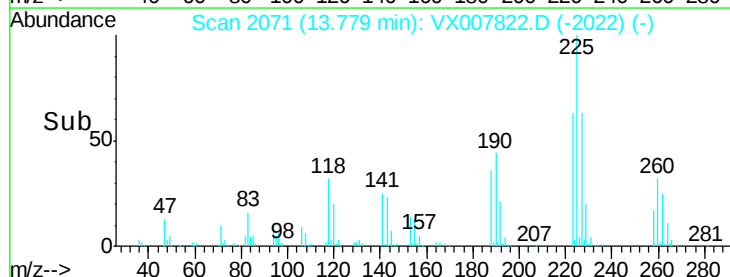
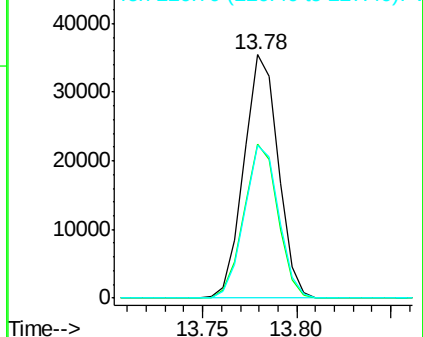
227 62.9 32.1 96.3

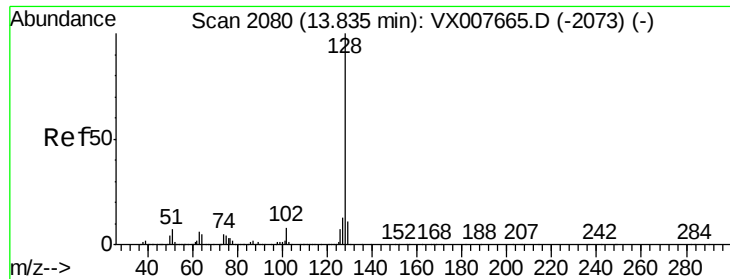


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

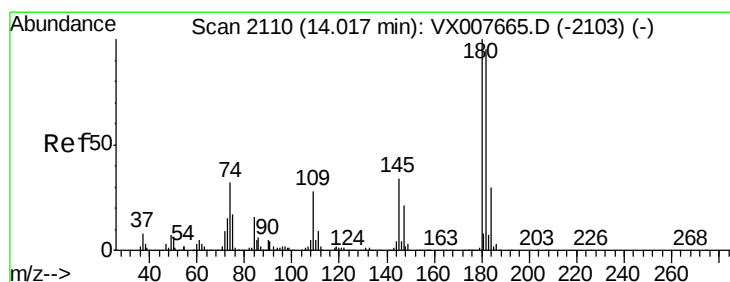
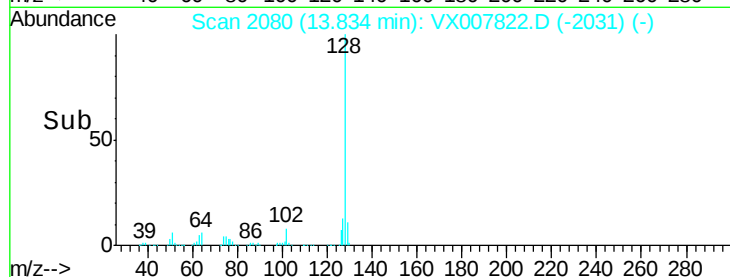
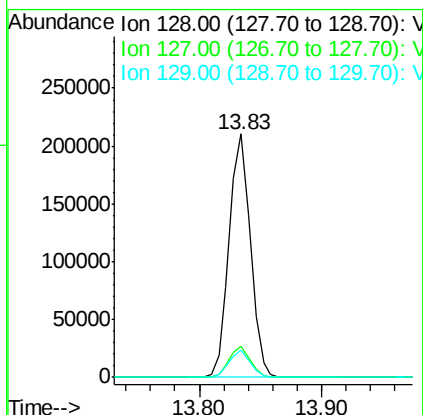
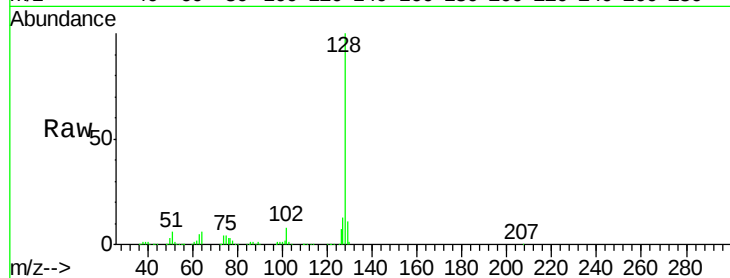




#95
Naphthalene
Concen: 19.440 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX007822.D
Acq: 04 Mar 2019 20:22

Instrument :
MSVOA_X
ClientSampleId :
VX0304MBSD01

Tot Ion:128 Resp: 253106
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 21.204 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX007822.D
Acq: 04 Mar 2019 20:22

Tgt Ion:180 Resp: 85559
Ion Ratio Lower Upper
180 100
182 95.0 47.5 142.6
145 29.5 14.9 44.5

