

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX010319\
 Data File : VX006905.D
 Acq On : 03 Jan 2019 19:51
 Operator : JC/MD
 Sample : K1032-02MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0645MS

Quant Time: Jan 04 00:23:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	506989	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	773611	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	694557	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	351864	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	282499	51.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.40%	
35) Dibromofluoromethane	5.50	113	259066	52.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.92%	
50) Toluene-d8	8.71	98	919587	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
62) 4-Bromofluorobenzene	11.13	95	331163	49.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	167451	36.104	ug/l	97
3) Chloromethane	1.33	50	207255	41.477	ug/l	98
4) Vinyl Chloride	1.41	62	525962	100.784	ug/l	99
5) Bromomethane	1.64	94	224152	45.868	ug/l	98
6) Chloroethane	1.71	64	154012	42.621	ug/l	98
7) Trichlorofluoromethane	1.93	101	373227	45.871	ug/l	98
8) Diethyl Ether	2.19	74	159226	49.270	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	206809	43.290	ug/l	99
10) Methyl Iodide	2.51	142	349353	51.086	ug/l	99
11) Tert butyl alcohol	3.08	59	308044	252.611	ug/l	99
12) 1,1-Dichloroethene	2.37	96	209419	46.231	ug/l	97
13) Acrolein	2.30	56	147107	178.823	ug/l	99
14) Allyl chloride	2.73	41	377747	49.542	ug/l	98
15) Acrylonitrile	3.15	53	722360	266.796	ug/l	100
16) Acetone	2.45	43	664206	264.583	ug/l	99
17) Carbon Disulfide	2.57	76	439251	36.642	ug/l	100
18) Methyl Acetate	2.78	43	425011	57.576	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	818472	54.440	ug/l	99
20) Methylene Chloride	2.86	84	255198	49.161	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	257442	51.293	ug/l	99
22) Diisopropyl ether	3.87	45	752022	53.912	ug/l	94
23) Vinyl Acetate	3.82	43	2851075	249.879	ug/l	99
24) 1,1-Dichloroethane	3.70	63	413255	49.629	ug/l	99
25) 2-Butanone	4.70	43	887192	251.246	ug/l	99
26) 2,2-Dichloropropane	4.58	77	262751	40.849	ug/l	77
27) cis-1,2-Dichloroethene	4.60	96	1026032	185.286	ug/l	94
28) Bromochloromethane	5.02	49	192489	55.024	ug/l	97
29) Tetrahydrofuran	5.15	42	600426	258.166	ug/l	98
30) Chloroform	5.21	83	442225	51.285	ug/l	98
31) Cyclohexane	5.57	56	311094	41.124	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	364516	50.063	ug/l	98
36) 1,1-Dichloropropene	5.80	75	293830	45.859	ug/l	100
37) Ethyl Acetate	4.85	43	331402	49.694	ug/l	98
38) Carbon Tetrachloride	5.78	117	310981	49.942	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	318936	37.809	ug/l	97
40) Benzene	6.14	78	967485	49.676	ug/l	99
41) Methacrylonitrile	5.06	41	198225	55.986	ug/l	98
42) 1,2-Dichloroethane	6.20	62	333211	50.208	ug/l	100
43) Isopropyl Acetate	6.46	43	553102	54.509	ug/l	99
44) Trichloroethene	7.21	130	277162	47.018	ug/l	99
45) 1,2-Dichloropropane	7.51	63	248380	52.407	ug/l	100
46) Dibromomethane	7.66	93	174883	50.165	ug/l	96
47) Bromodichloromethane	7.90	83	311212	53.771	ug/l	97
48) Methyl methacrylate	7.77	41	288042	55.822	ug/l	97
49) 1,4-Dioxane	7.75	88	119450	882.422	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1750948	271.205	ug/l	100
52) Toluene	8.79	92	611780	48.622	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	337840	54.426	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	363067	53.306	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	267639	51.967	ug/l	98
56) Ethyl methacrylate	9.18	69	388712	53.401	ug/l	96
57) 1,3-Dichloropropane	9.37	76	424865	51.275	ug/l	99
59) 2-Hexanone	9.49	43	1302680	263.715	ug/l	99
60) Dibromochloromethane	9.59	129	272138	50.498	ug/l	99
61) 1,2-Dibromoethane	9.67	107	287237	52.465	ug/l	99
64) Tetrachloroethene	9.34	164	259564	47.195	ug/l	96
65) Chlorobenzene	10.14	112	724233	49.288	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	263122	57.394	ug/l	100
67) Ethyl Benzene	10.25	91	1162581	48.419	ug/l	98
68) m/p-Xylenes	10.36	106	918180	96.909	ug/l	100
69) o-Xylene	10.70	106	453929	48.517	ug/l	98
70) Styrene	10.71	104	736428	49.753	ug/l	100
71) Bromoform	10.86	173	197966	48.063	ug/l	99
73) Isopropylbenzene	11.02	105	1191282	49.489	ug/l	99
74) N-amyl acetate	10.90	43	472650	54.856	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	391254	54.652	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	434780	66.489	ug/l	91
77) Bromobenzene	11.26	156	325296	49.985	ug/l	99
78) n-propylbenzene	11.36	91	1310404	49.435	ug/l	100
79) 2-Chlorotoluene	11.42	91	773724	48.165	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	971989	49.023	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	100252	46.940	ug/l	99
82) 4-Chlorotoluene	11.51	91	900743	48.883	ug/l	100
83) tert-Butylbenzene	11.77	119	1008296	50.812	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	1003770	48.132	ug/l	100
85) sec-Butylbenzene	11.94	105	1163432	47.820	ug/l	100
86) p-Isopropyltoluene	12.06	119	1036933	48.485	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	569605	48.564	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	579113	48.164	ug/l	100
89) n-Butylbenzene	12.39	91	877506	48.212	ug/l	99
90) Hexachloroethane	12.60	117	159591	47.833	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	583655	49.745	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	79451	53.636	ug/l	98
93) 1,2,4-Trichlorobenzene	13.65	180	392866	48.542	ug/l	99

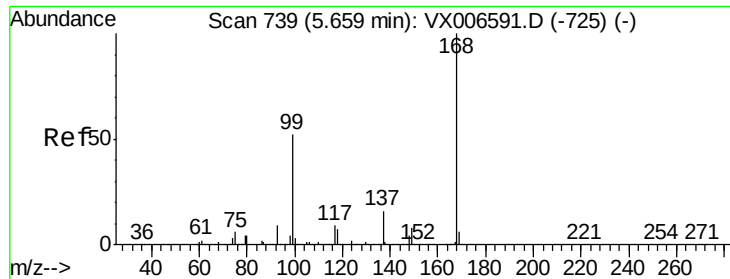
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	160261	42.011	ug/l	99
95) Naphthalene	13.83	128	1272065	49.246	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	395923	47.381	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006905.D

Acq: 03 Jan 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

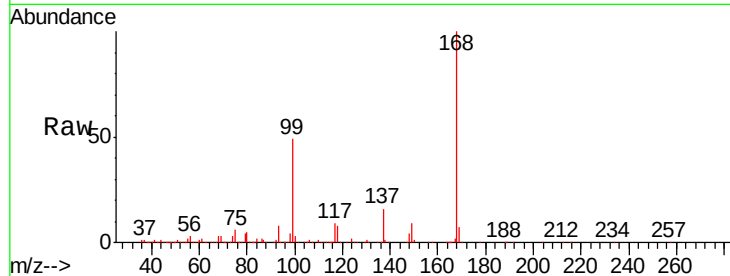
S32-0645MS

Tgt Ion:168 Resp: 506989

Ion Ratio Lower Upper

168 100

99 48.7 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

150000

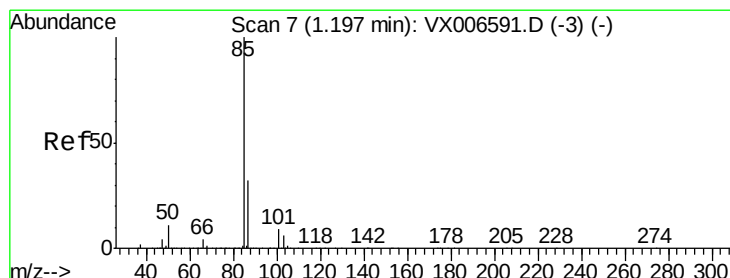
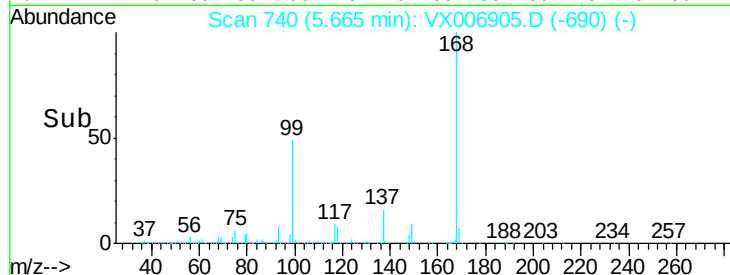
100000

50000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 36.104 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006905.D

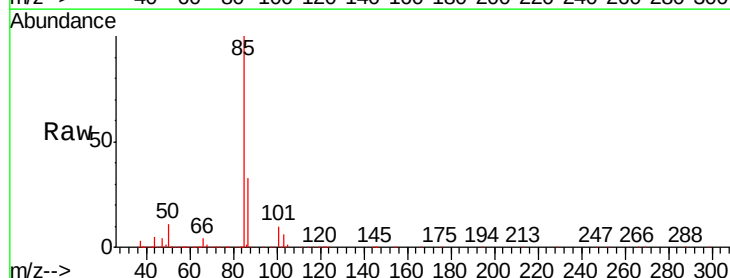
Acq: 03 Jan 2019 19:51

Tgt Ion: 85 Resp: 167451

Ion Ratio Lower Upper

85 100

87 33.2 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

150000

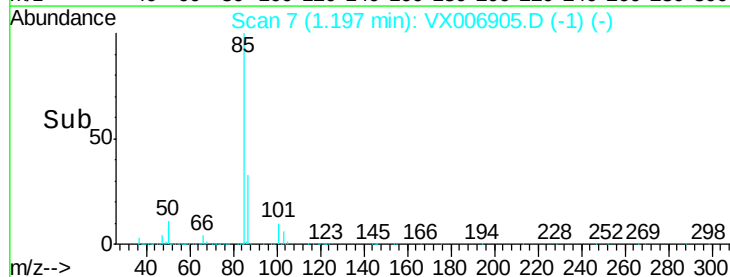
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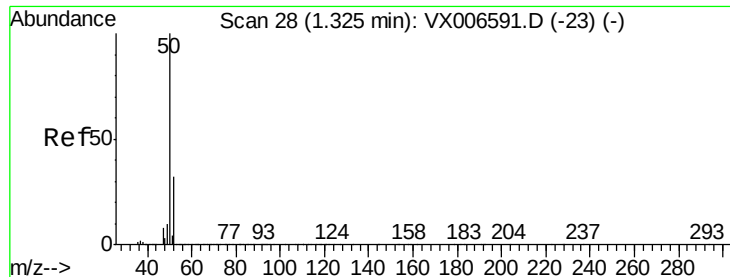
50000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 41.477 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX006905.D

Acq: 03 Jan 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

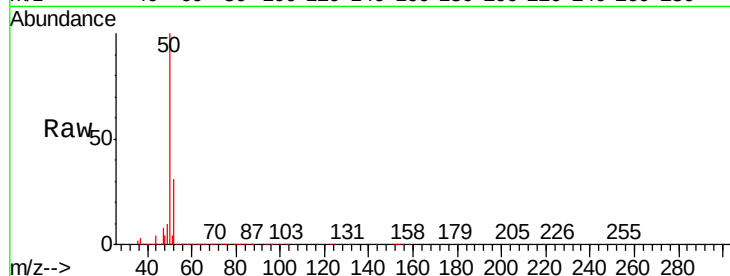
S32-0645MS

Tgt Ion: 50 Resp: 207255

Ion Ratio Lower Upper

50 100

52 30.7 25.4 38.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

200000

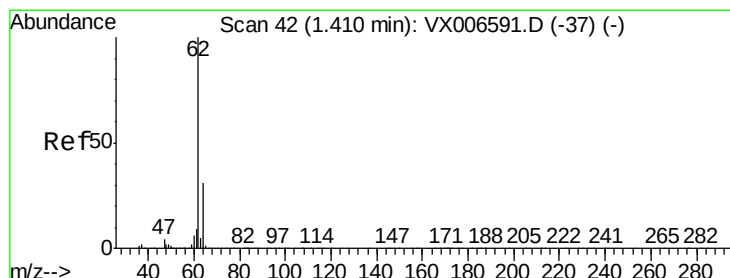
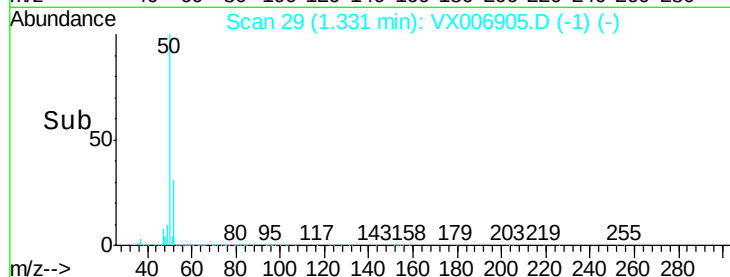
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 100.784 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006905.D

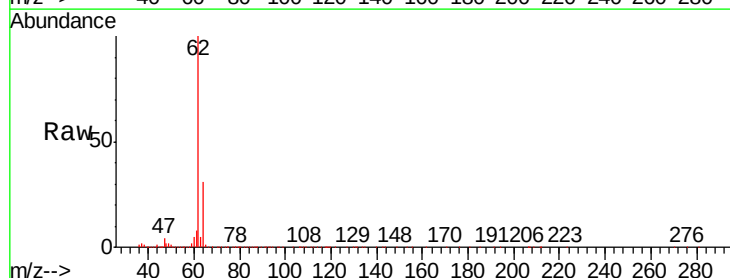
Acq: 03 Jan 2019 19:51

Tgt Ion: 62 Resp: 525962

Ion Ratio Lower Upper

62 100

64 31.0 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

600000

500000

400000

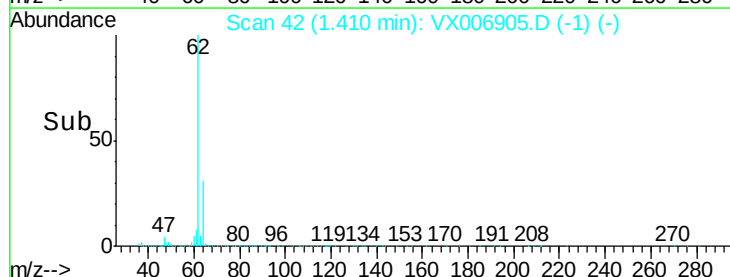
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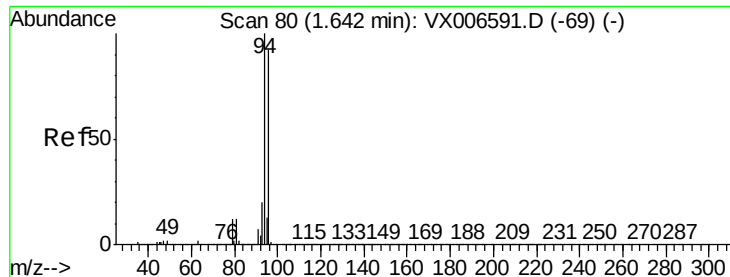
200000

100000

0

Time-->





#5

Bromomethane

Concen: 45.868 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006905.D

Acq: 03 Jan 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

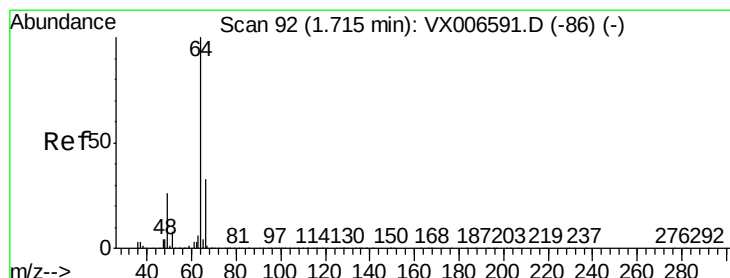
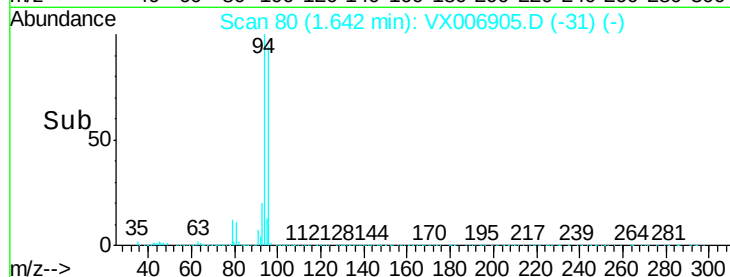
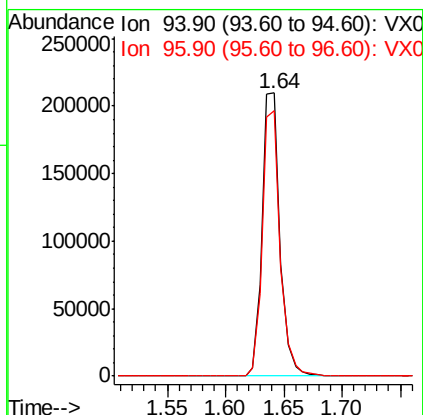
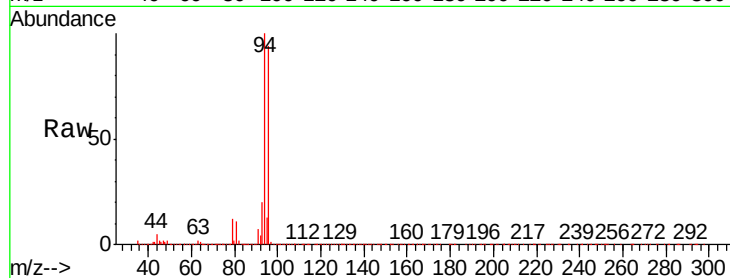
S32-0645MS

Tgt Ion: 94 Resp: 224152

Ion Ratio Lower Upper

94 100

96 93.7 73.4 110.2



#6

Chloroethane

Concen: 42.621 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX006905.D

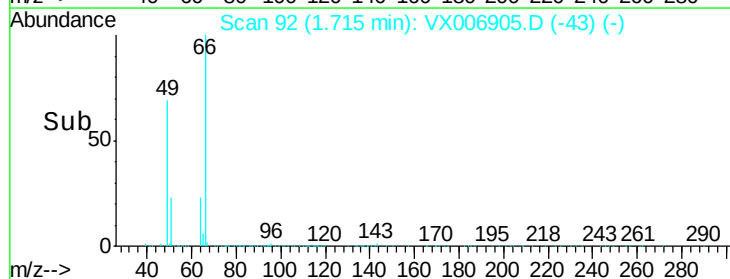
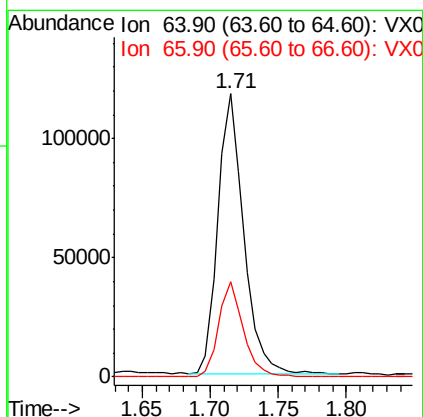
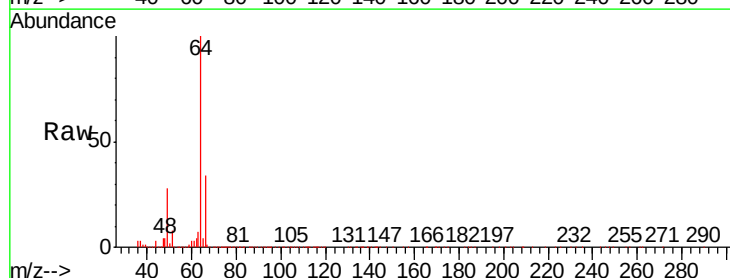
Acq: 03 Jan 2019 19:51

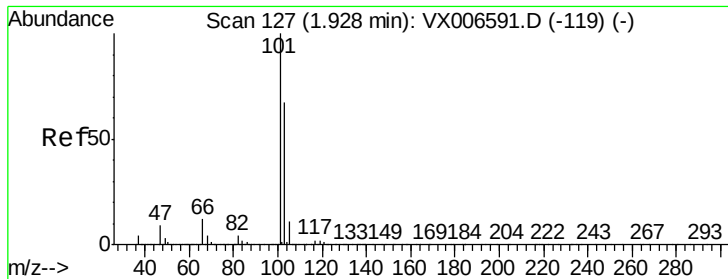
Tgt Ion: 64 Resp: 154012

Ion Ratio Lower Upper

64 100

66 33.9 26.4 39.6



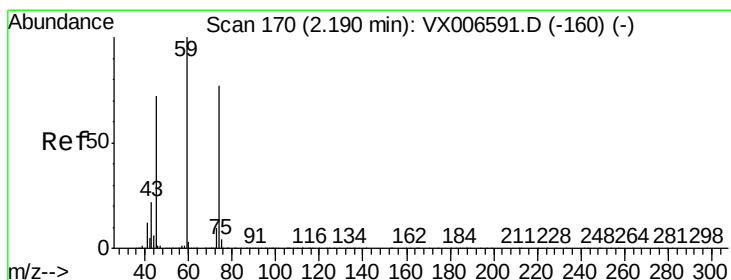
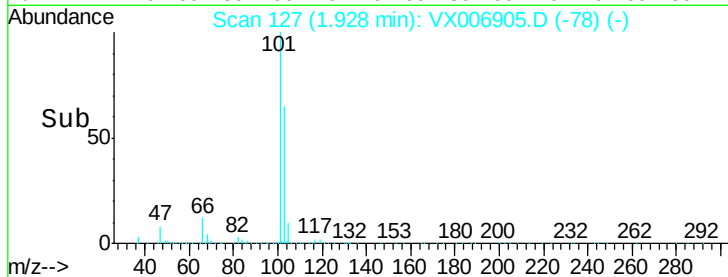
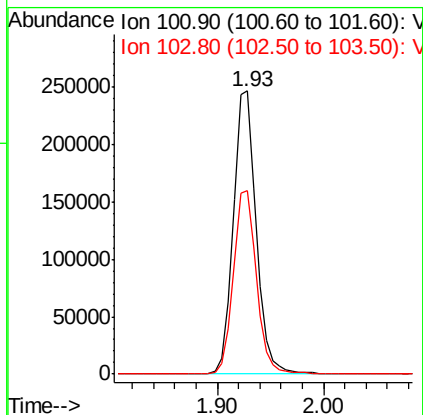
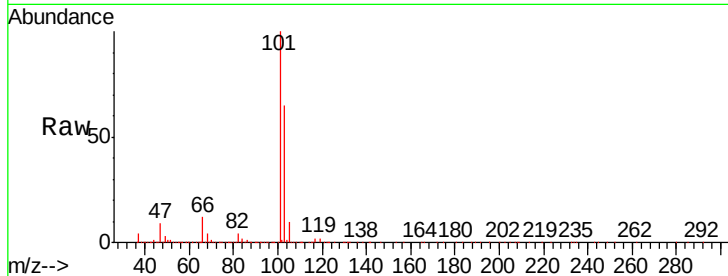


#7

Trichlorofluoromethane
Concen: 45.871 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX006905.D
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Instrument :
MSVOA_X
ClientSampled :
S32-0645MS

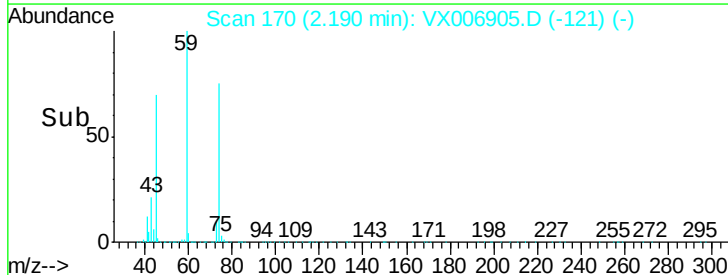
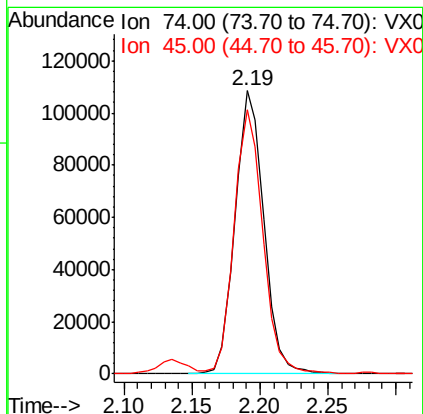
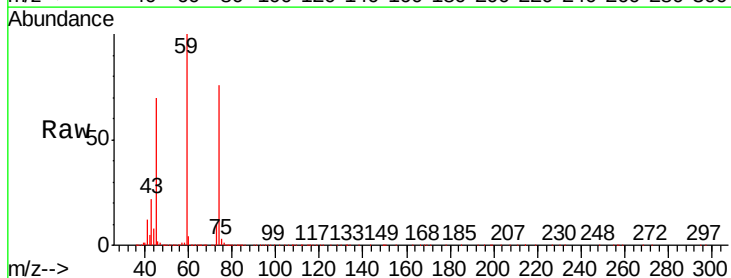
Tgt Ion: 101 Resp: 373227
Ion Ratio Lower Upper
101 100
103 65.0 53.2 79.8

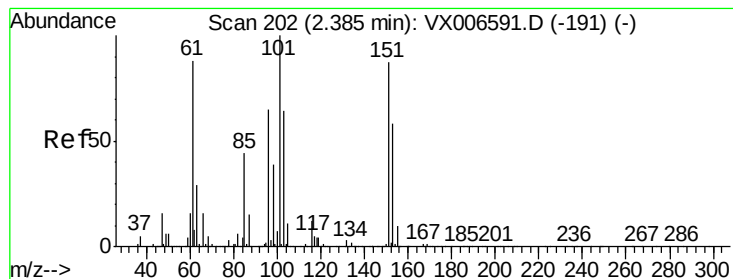


#8

Diethyl Ether
Concen: 49.270 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006905.D
Acq: 03 Jan 2019 19:51

Tgt Ion: 74 Resp: 159226
Ion Ratio Lower Upper
74 100
45 92.9 46.3 138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.290 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006905.D

Acq: 03 Jan 2019 19:51

Instrument :

MSVOA_X

ClientSampled :

S32-0645MS

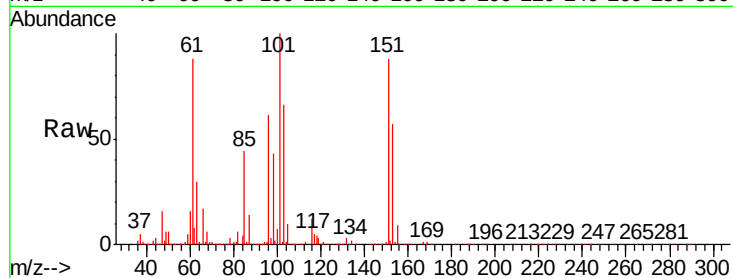
Tgt Ion:101 Resp: 206809

Ion Ratio Lower Upper

101 100

85 43.6 35.1 52.7

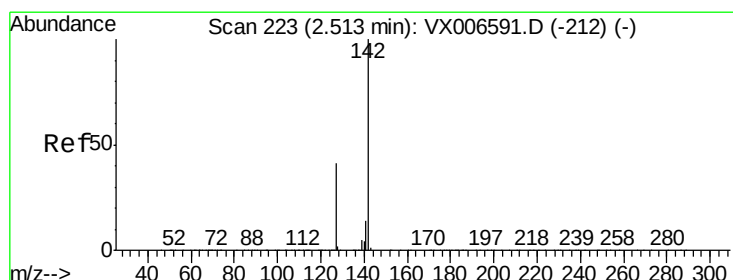
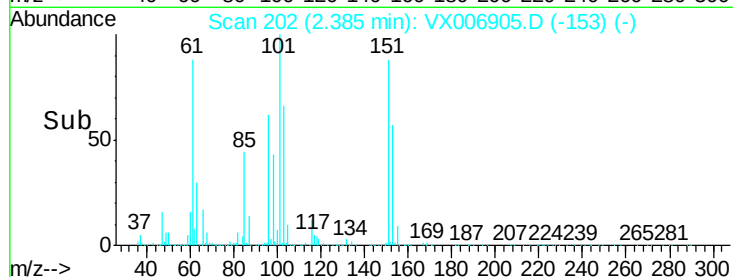
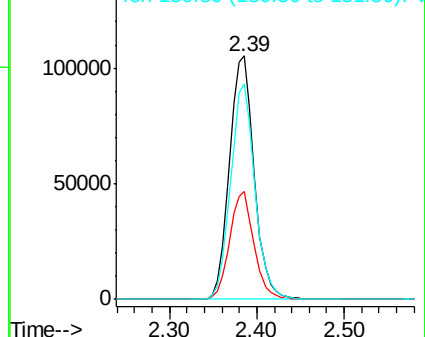
151 87.4 68.9 103.3



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: 51.086 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX006905.D

Acq: 03 Jan 2019 19:51

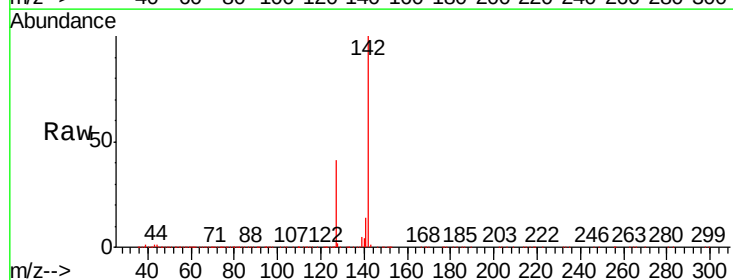
Tgt Ion:142 Resp: 349353

Ion Ratio Lower Upper

142 100

127 43.0 33.9 50.9

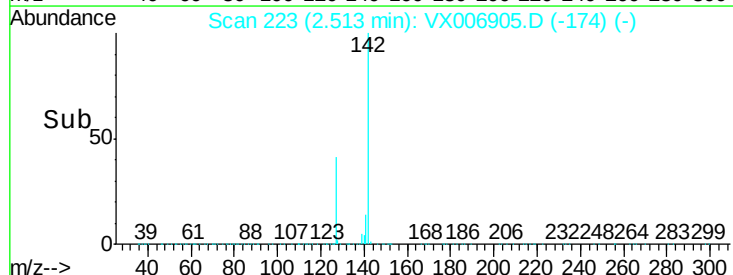
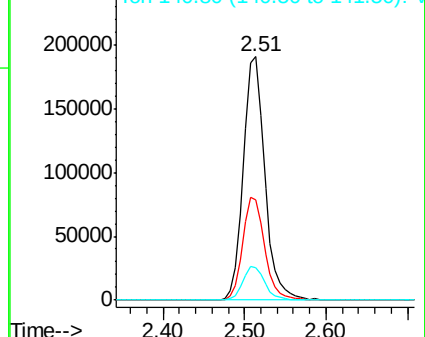
141 14.2 11.4 17.0

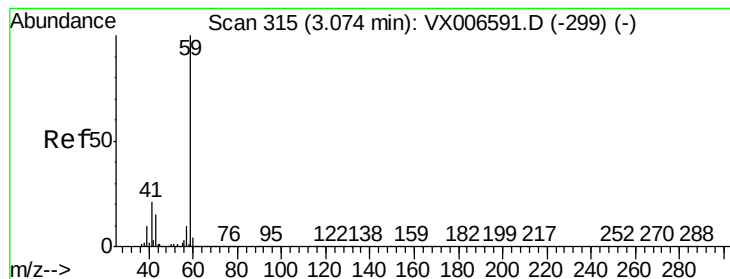


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



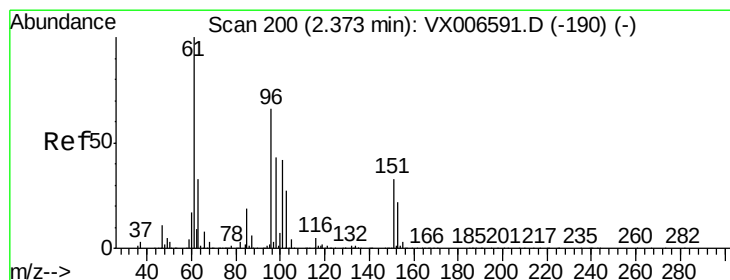
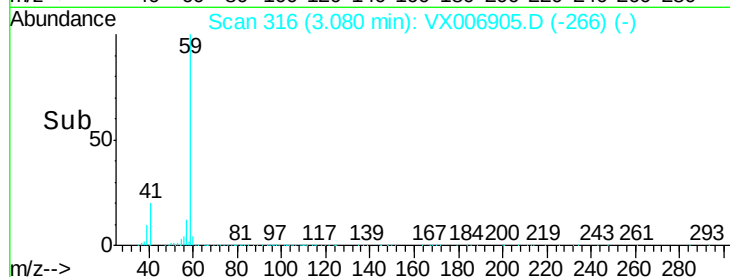
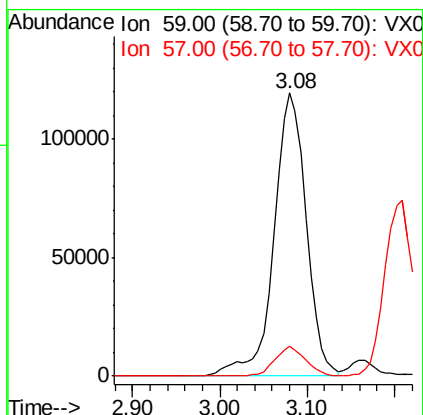
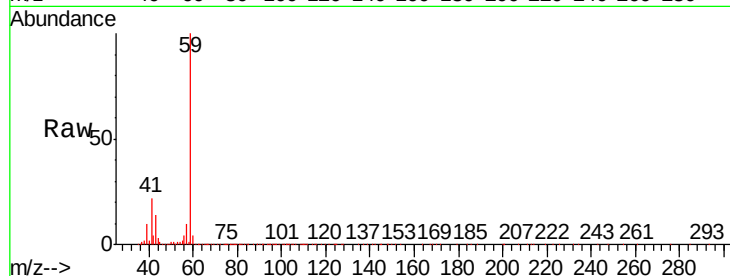


#11

Tert butyl alcohol
 Concen: 252.611 ug/l
 RT: 3.08 min Scan# 316
 Delta R.T. 0.01 min
 Lab File: VX006905.D
 Acq: 03 Jan 2019 19:51

Instrument :
 MSVOA_X
 ClientSampled :
 S32-0645MS

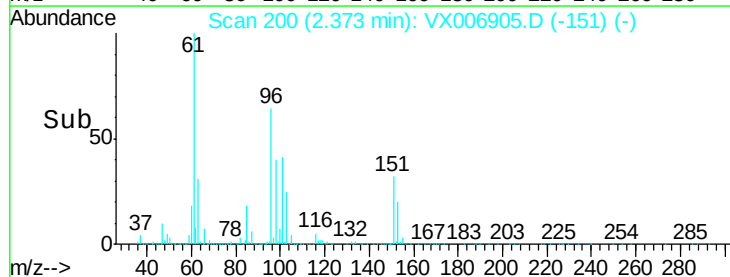
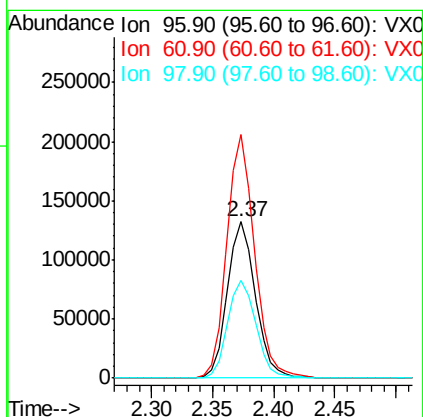
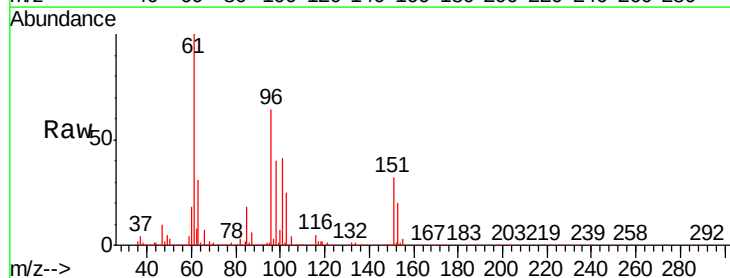
Tgt Ion: 59 Resp: 308044
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.5 12.7

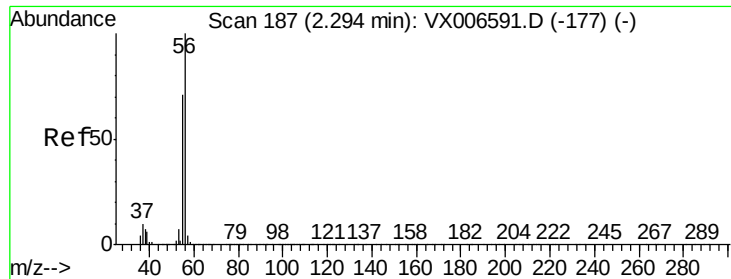


#12

1,1-Dichloroethene
 Concen: 46.231 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX006905.D
 Acq: 03 Jan 2019 19:51

Tgt Ion: 96 Resp: 209419
 Ion Ratio Lower Upper
 96 100
 61 156.0 121.4 182.2
 98 62.2 51.9 77.9





#13

Acrolein

Concen: 178.823 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX006905.D

Acq: 03 Jan 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

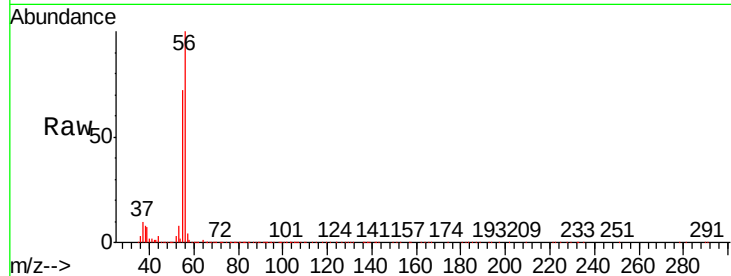
S32-0645MS

Tgt Ion: 56 Resp: 147107

Ion Ratio Lower Upper

56 100

55 73.7 58.2 87.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.30

100000

80000

60000

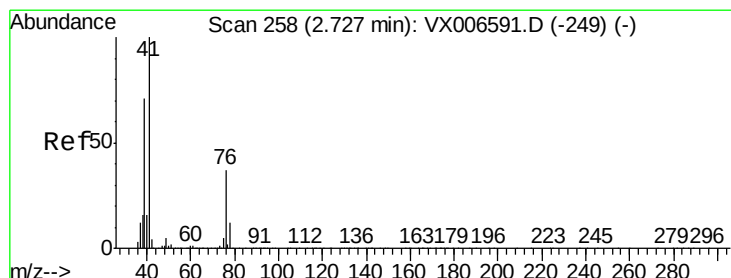
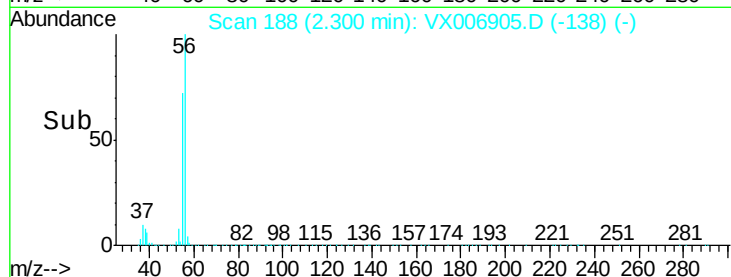
40000

20000

0

Time-->

2.20 2.30 2.40



#14

Allyl chloride

Concen: 49.542 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX006905.D

Acq: 03 Jan 2019 19:51

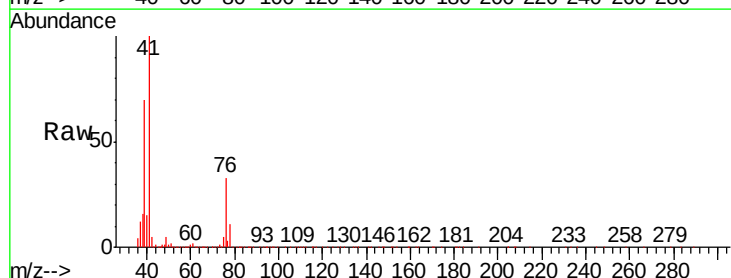
Tgt Ion: 41 Resp: 377747

Ion Ratio Lower Upper

41 100

39 66.1 53.6 80.4

76 32.7 27.4 41.2



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

250000

200000

150000

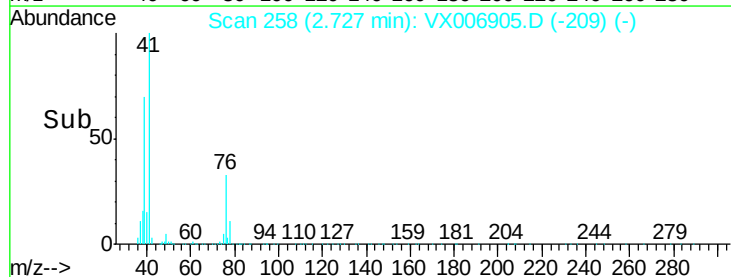
100000

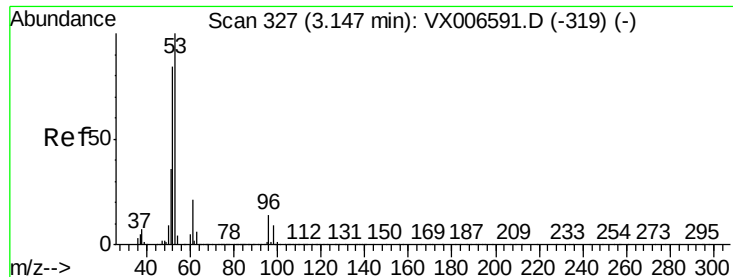
50000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 266.796 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX006905.D

Acq: 03 Jan 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

S32-0645MS

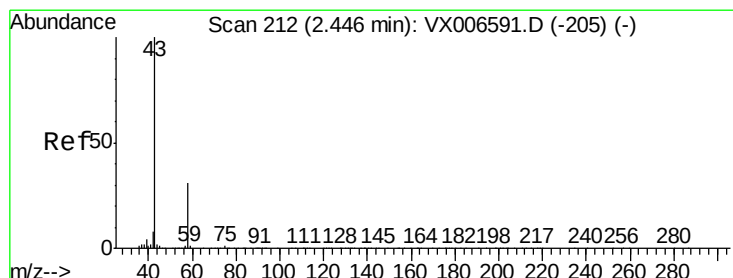
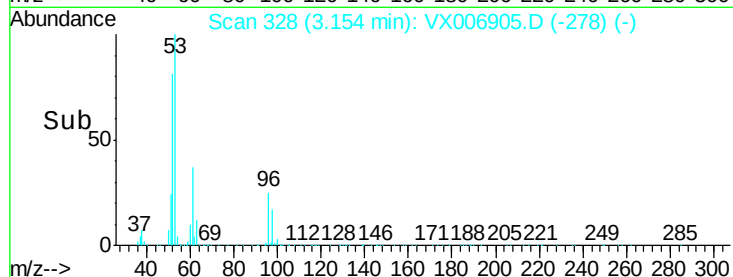
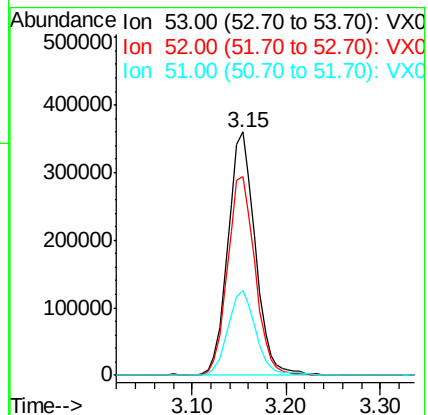
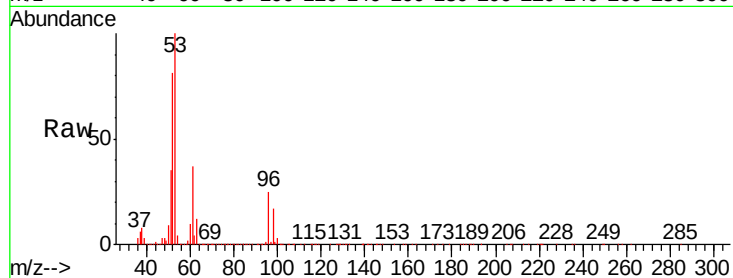
Tgt Ion: 53 Resp: 722360

Ion Ratio Lower Upper

53 100

52 82.3 66.0 99.0

51 35.7 28.6 42.8



#16

Acetone

Concen: 264.583 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX006905.D

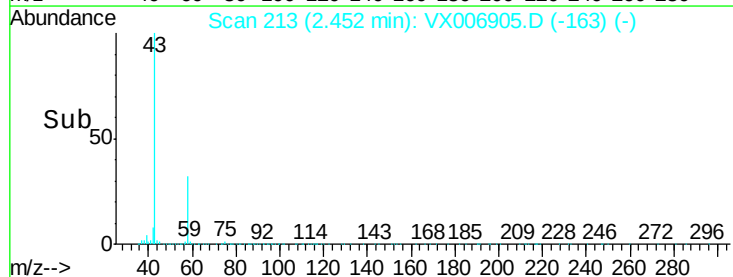
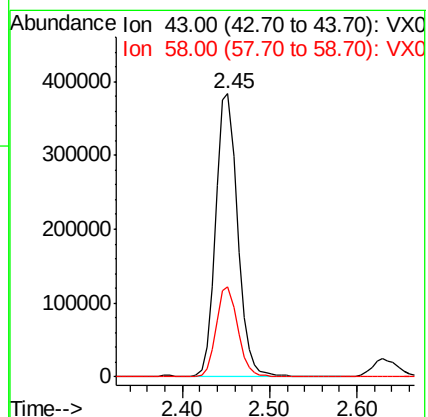
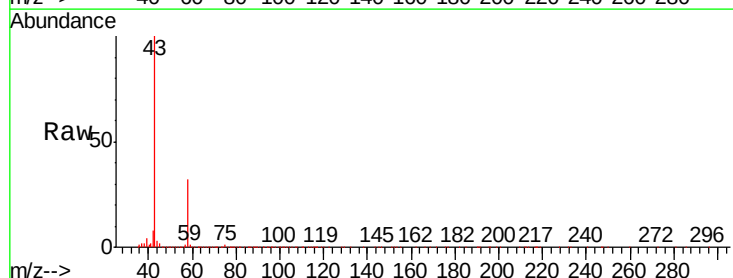
Acq: 03 Jan 2019 19:51

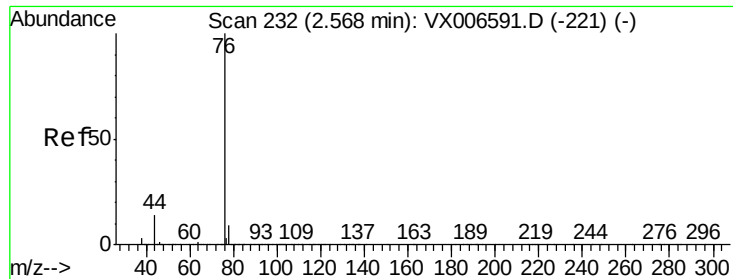
Tgt Ion: 43 Resp: 664206

Ion Ratio Lower Upper

43 100

58 31.9 25.0 37.6





#17

Carbon Disulfide

Concen: 36.642 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX006905.D

Acq: 03 Jan 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

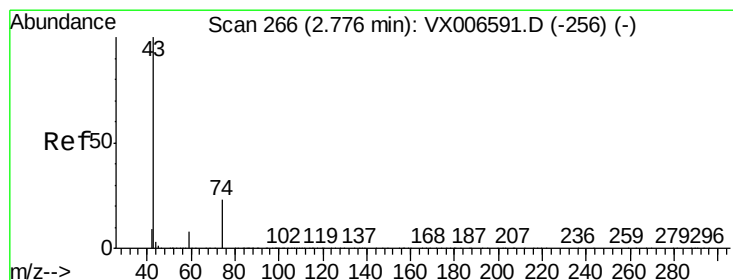
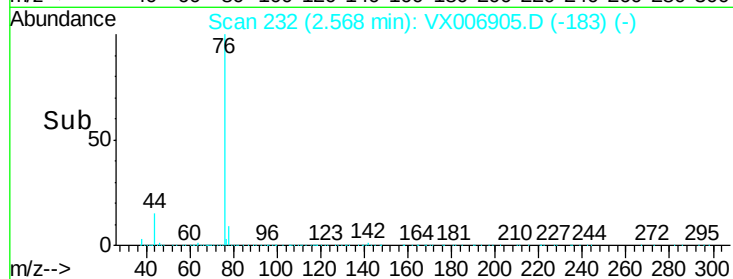
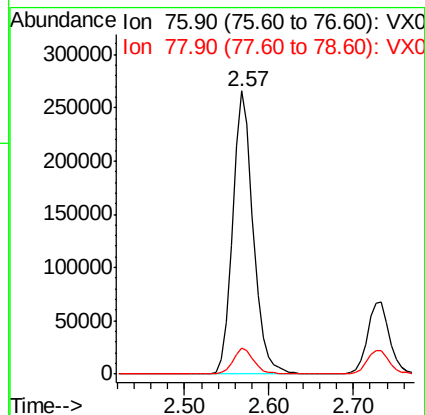
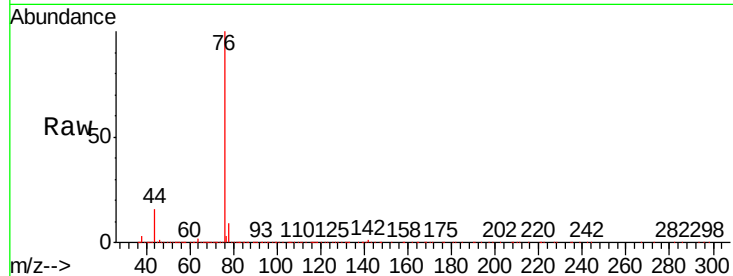
S32-0645MS

Tgt Ion: 76 Resp: 439251

Ion Ratio Lower Upper

76 100

78 9.0 7.0 10.6



#18

Methyl Acetate

Concen: 57.576 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX006905.D

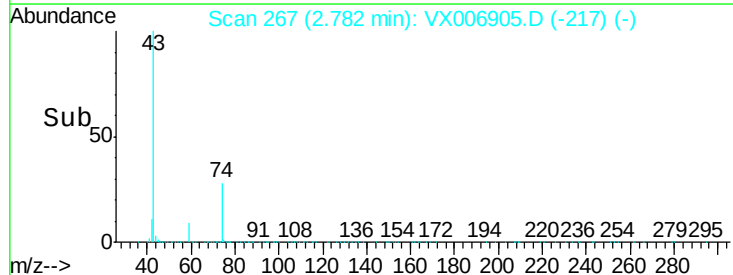
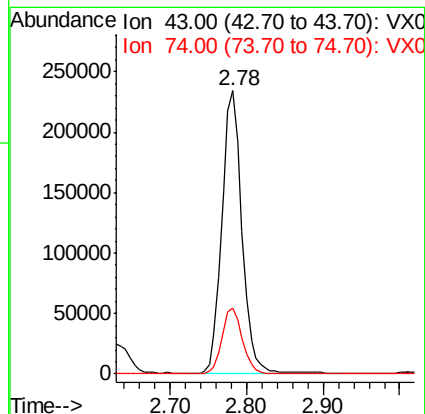
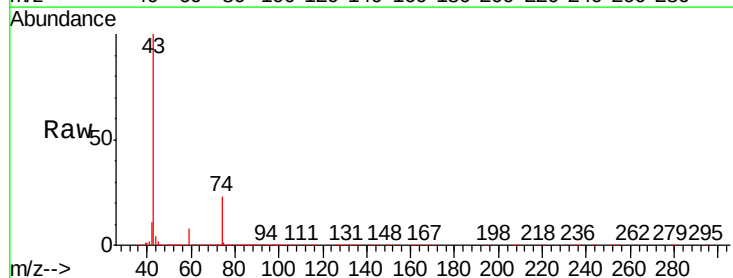
Acq: 03 Jan 2019 19:51

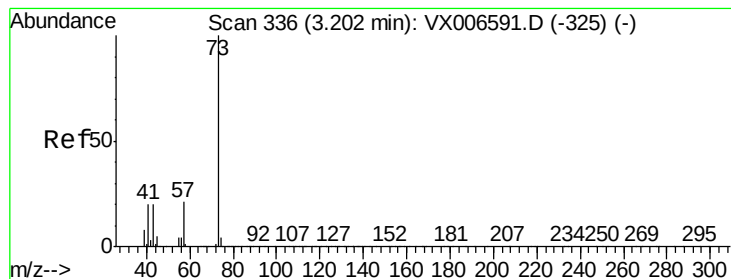
Tgt Ion: 43 Resp: 425011

Ion Ratio Lower Upper

43 100

74 24.0 18.6 28.0



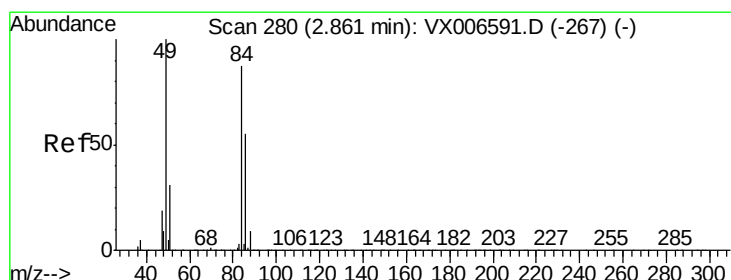
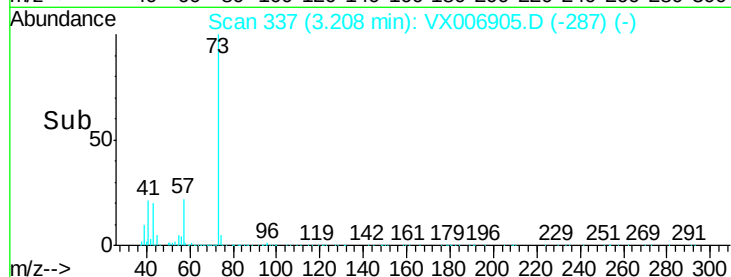
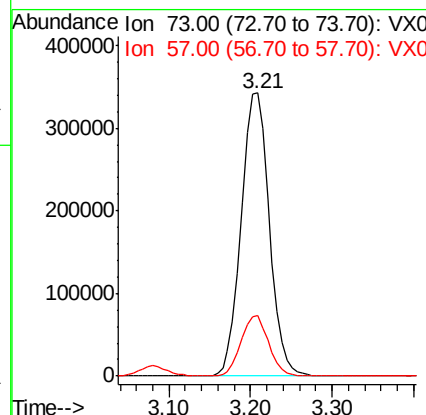
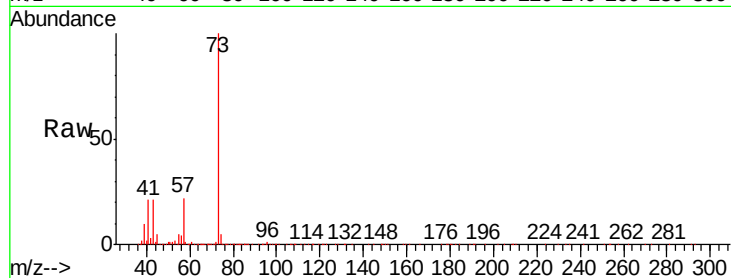


#19

Methyl tert-butyl Ether
 Concen: 54.440 ug/l
 RT: 3.21 min Scan# 337
 Delta R.T. 0.01 min
 Lab File: VX006905.D
 Acq: 03 Jan 2019 19:51

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0645MS

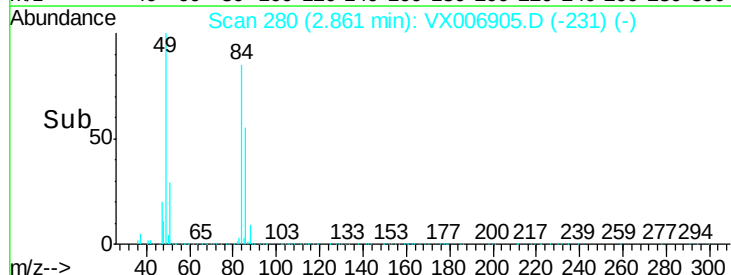
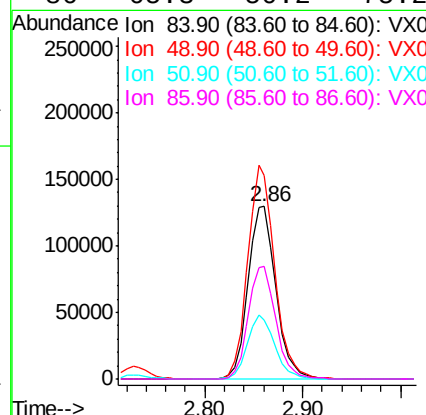
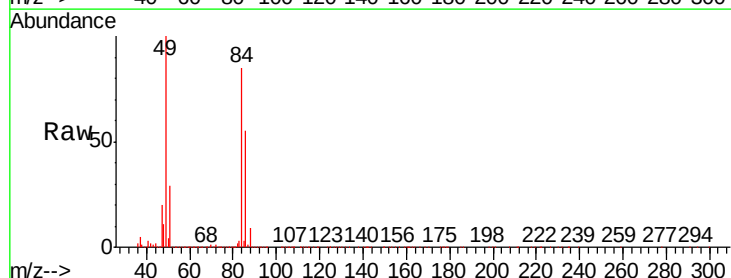
Tgt Ion: 73 Resp: 818472
 Ion Ratio Lower Upper
 73 100
 57 21.6 16.8 25.2

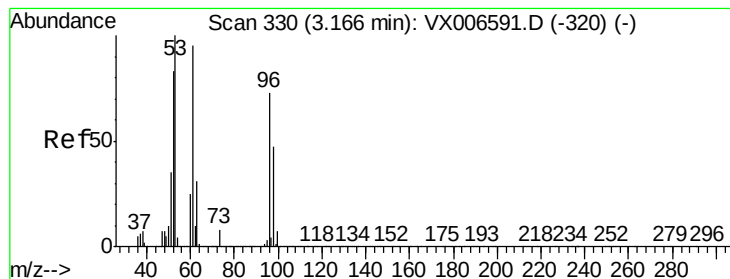


#20

Methylene Chloride
 Concen: 49.161 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. -0.00 min
 Lab File: VX006905.D
 Acq: 03 Jan 2019 19:51

Tgt Ion: 84 Resp: 255198
 Ion Ratio Lower Upper
 84 100
 49 118.0 91.8 137.6
 51 34.0 28.5 42.7
 86 65.3 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 51.293 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006905.D

Acq: 03 Jan 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

S32-0645MS

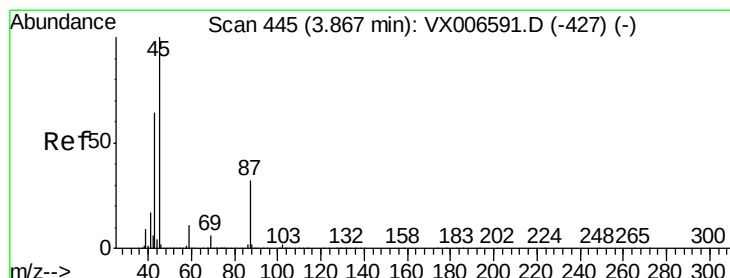
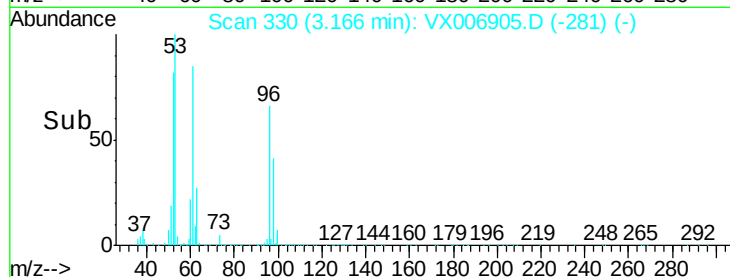
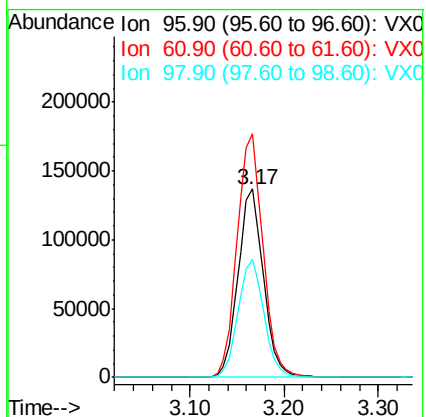
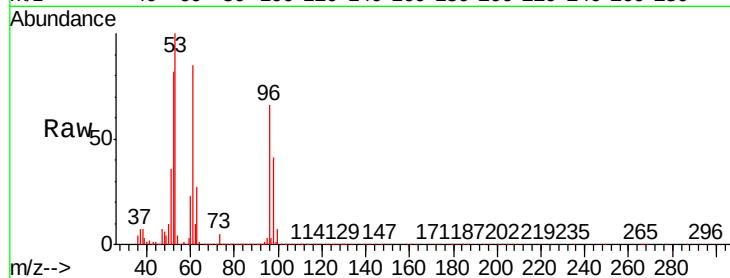
Tgt Ion: 96 Resp: 257442

Ion Ratio Lower Upper

96 100

61 129.3 103.7 155.5

98 62.6 51.0 76.6



#22

Diisopropyl ether

Concen: 53.912 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX006905.D

Acq: 03 Jan 2019 19:51

Tgt Ion: 45 Resp: 752022

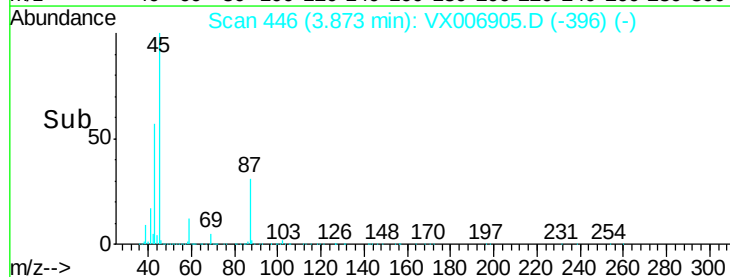
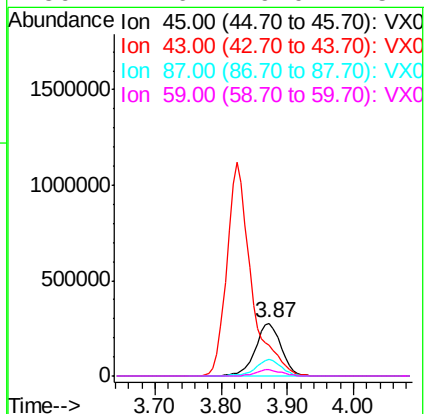
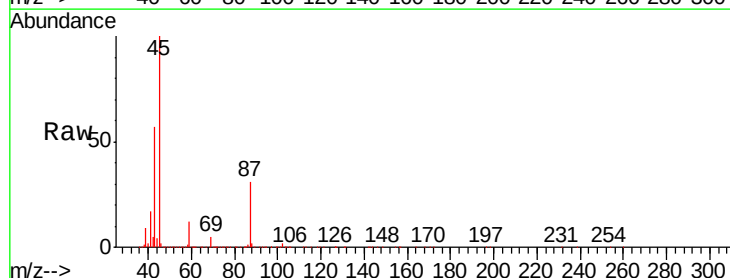
Ion Ratio Lower Upper

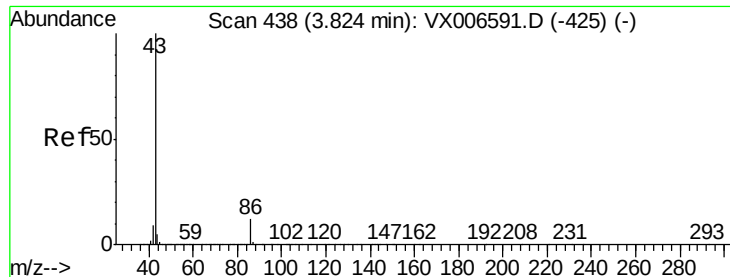
45 100

43 57.4 51.2 76.8

87 30.6 25.8 38.6

59 11.6 9.0 13.4





#23

Vinyl Acetate

Concen: 249.879 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006905.D

Acq: 03 Jan 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

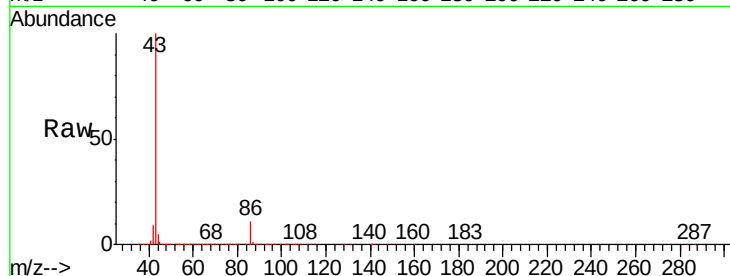
S32-0645MS

Tgt Ion: 43 Resp: 2851075

Ion Ratio Lower Upper

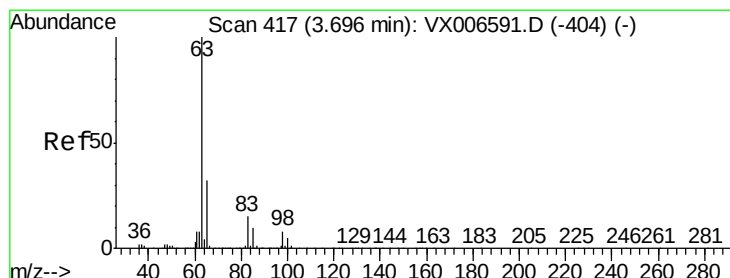
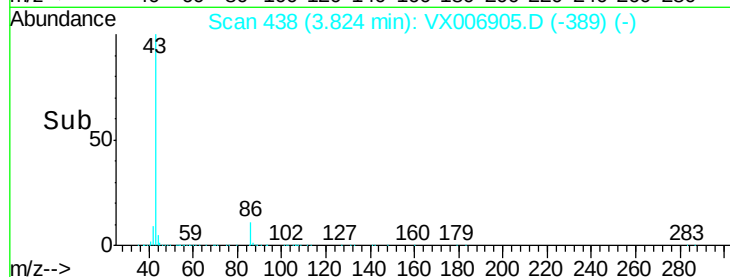
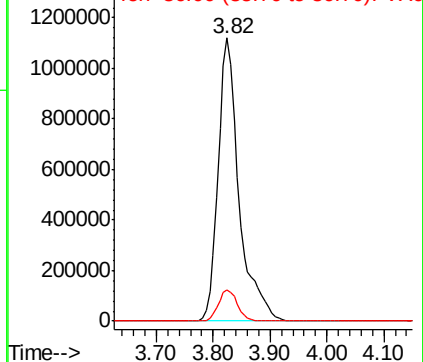
43 100

86 11.1 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 49.629 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX006905.D

Acq: 03 Jan 2019 19:51

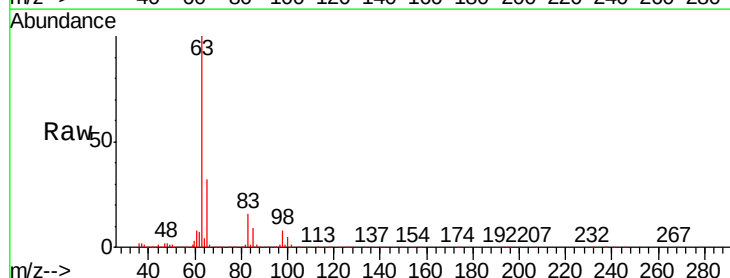
Tgt Ion: 63 Resp: 413255

Ion Ratio Lower Upper

63 100

98 8.0 3.9 11.5

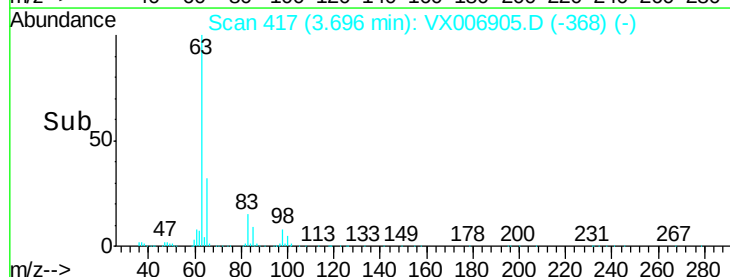
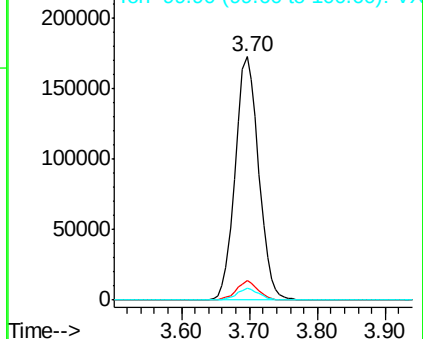
100 4.7 2.4 7.2

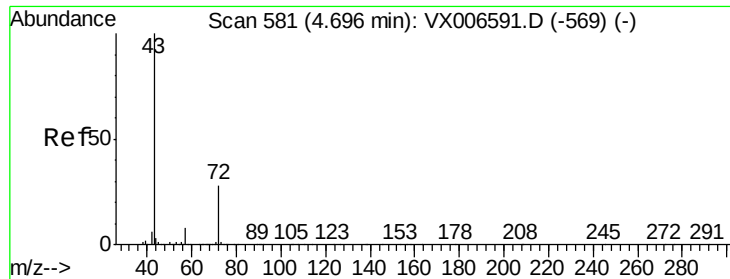


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 251.246 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX006905.D

Acq: 03 Jan 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

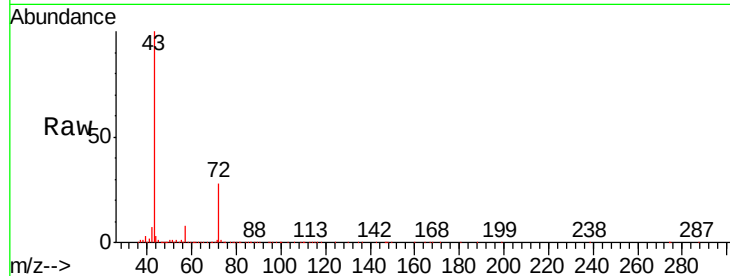
S32-0645MS

Tgt Ion: 43 Resp: 887192

Ion Ratio Lower Upper

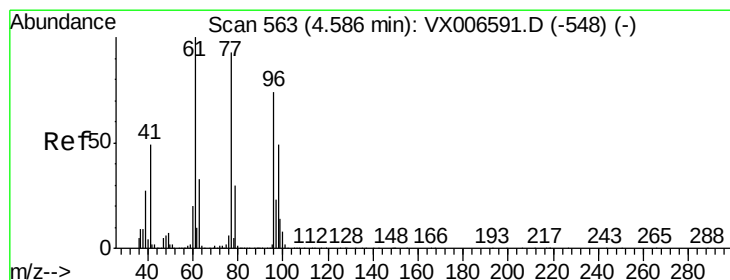
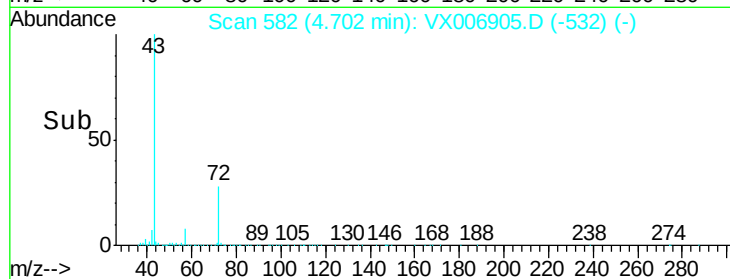
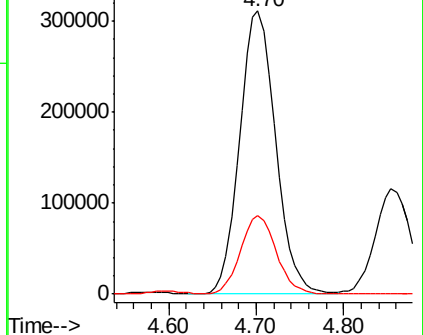
43 100

72 27.7 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 40.849 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX006905.D

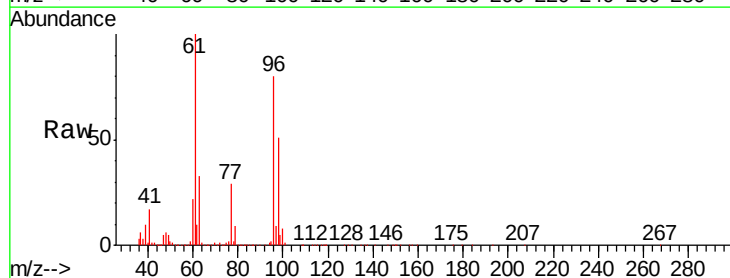
Acq: 03 Jan 2019 19:51

Tgt Ion: 77 Resp: 262751

Ion Ratio Lower Upper

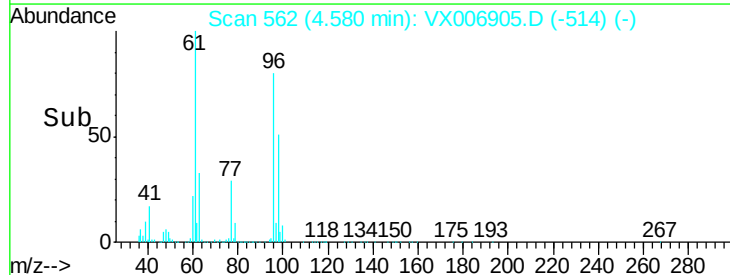
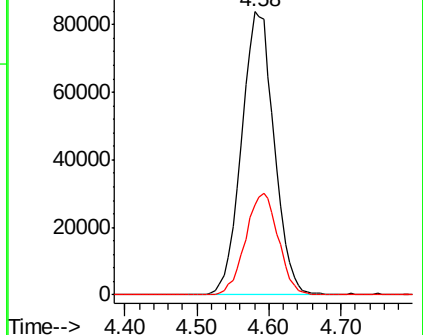
77 100

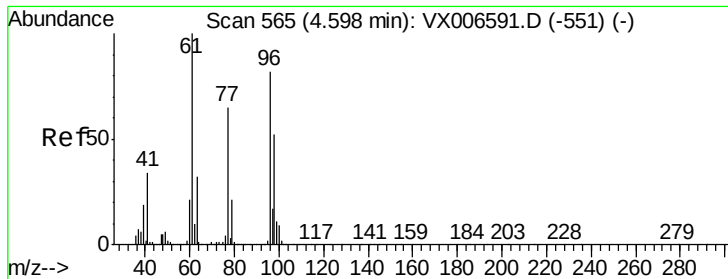
97 36.2 12.4 37.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



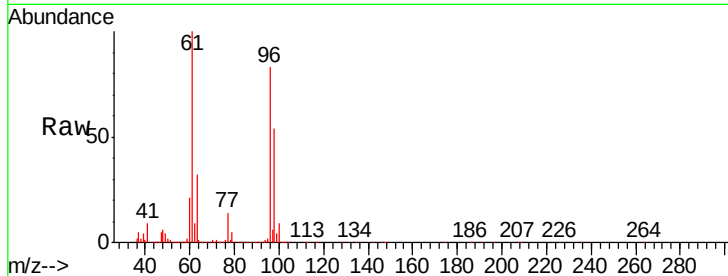


#27

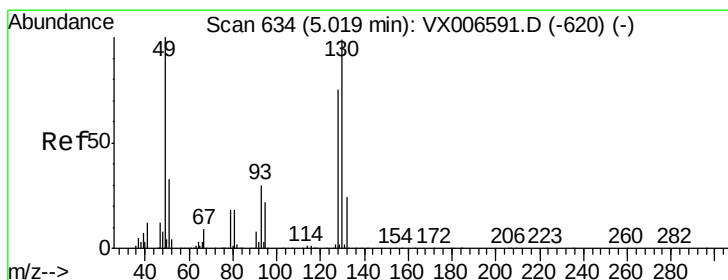
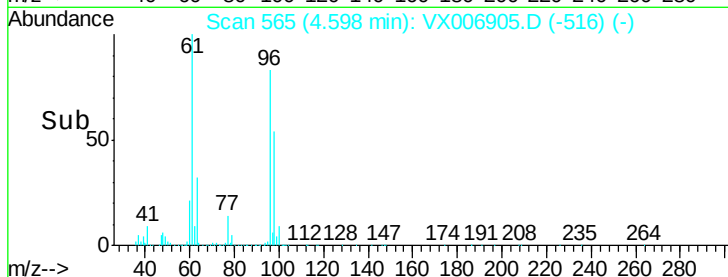
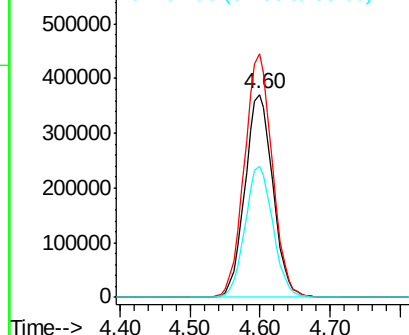
cis-1,2-Dichloroethene
Concen: 185.286 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006905.D
Acq: 03 Jan 2019 19:51

Instrument :
MSVOA_X
ClientSampleId :
S32-0645MS

Tgt Ion: 96 Resp: 1026032
Ion Ratio Lower Upper
96 100
61 120.3 0.0 258.6
98 64.5 0.0 132.0



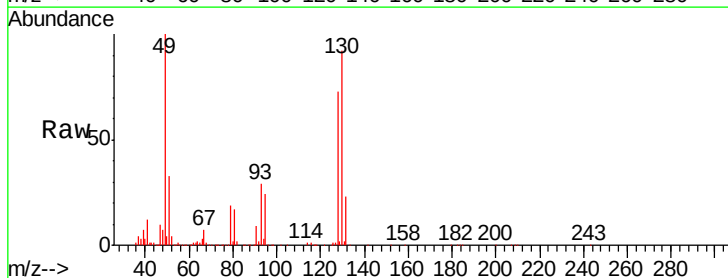
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



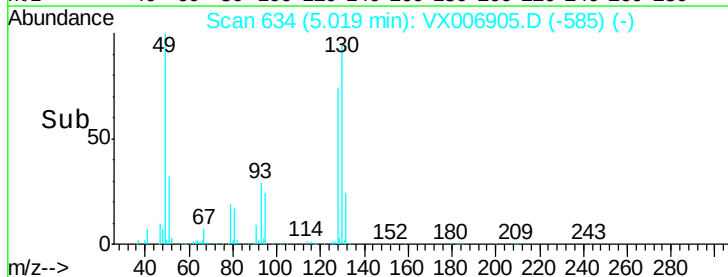
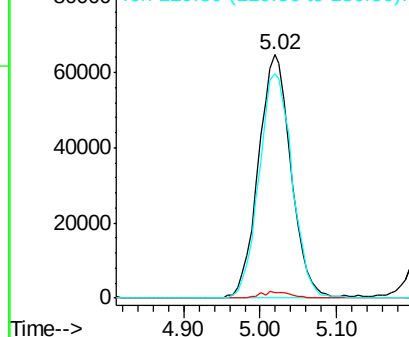
#28

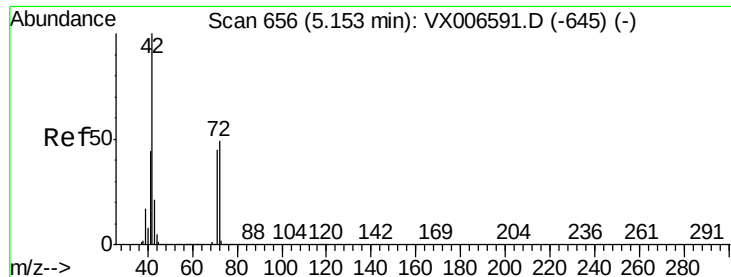
Bromochloromethane
Concen: 55.024 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006905.D
Acq: 03 Jan 2019 19:51

Tgt Ion: 49 Resp: 192489
Ion Ratio Lower Upper
49 100
129 2.6 0.0 5.4
130 93.8 77.7 116.5



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 258.166 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX006905.D

Acq: 03 Jan 2019 19:51

Instrument :

MSVOA_X

ClientSampled :

S32-0645MS

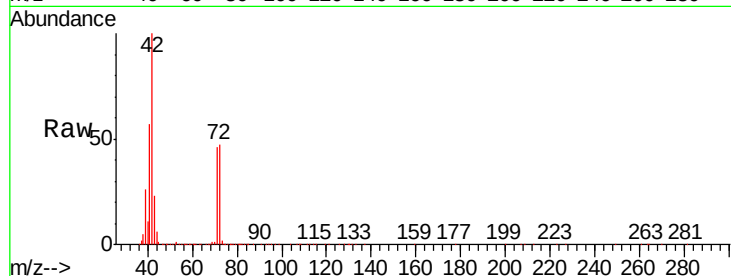
Tgt Ion: 42 Resp: 600426

Ion Ratio Lower Upper

42 100

72 46.8 38.9 58.3

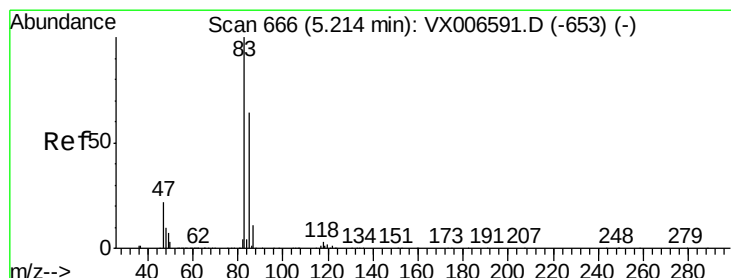
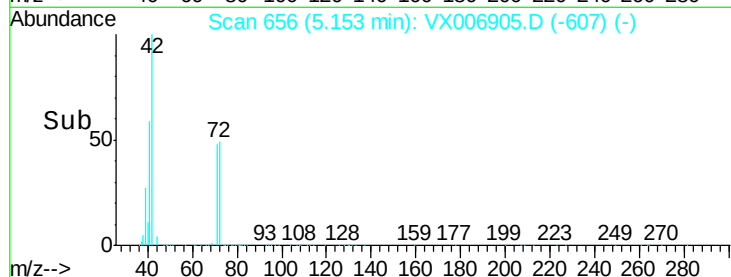
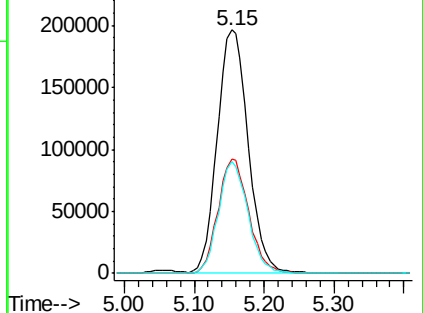
71 44.1 36.2 54.4



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: 51.285 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX006905.D

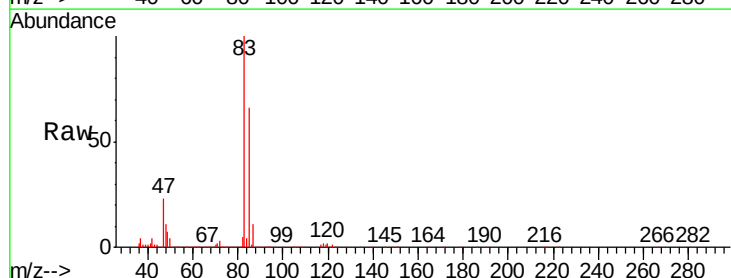
Acq: 03 Jan 2019 19:51

Tgt Ion: 83 Resp: 442225

Ion Ratio Lower Upper

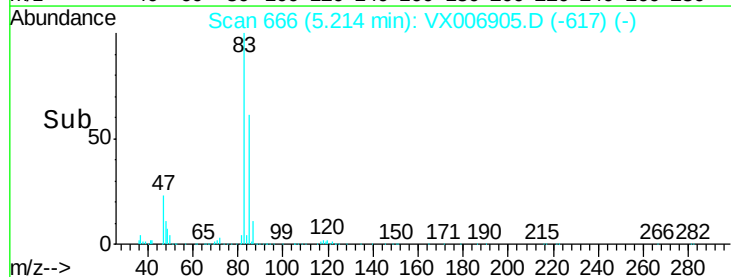
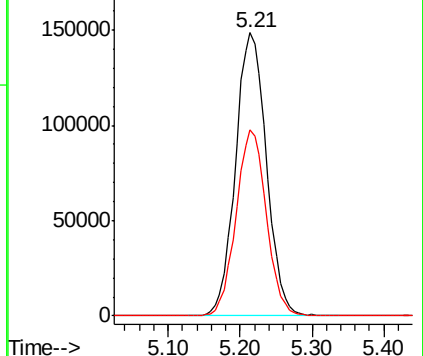
83 100

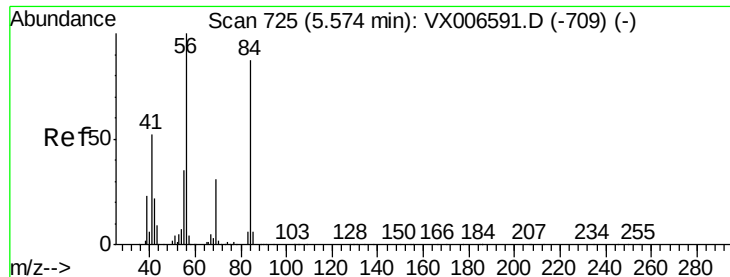
85 65.6 51.2 76.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

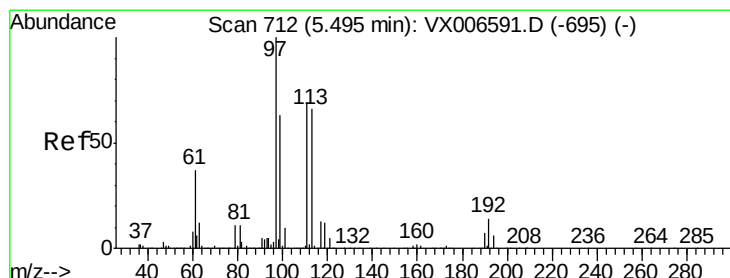
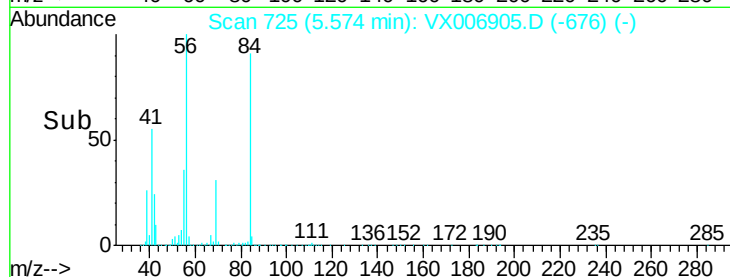
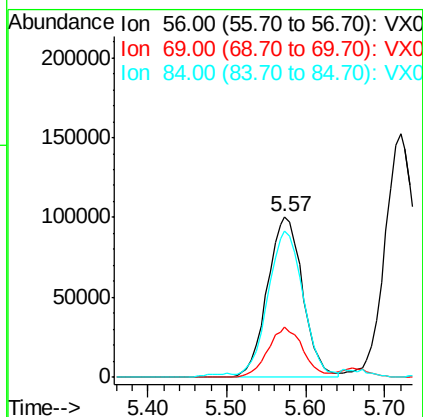
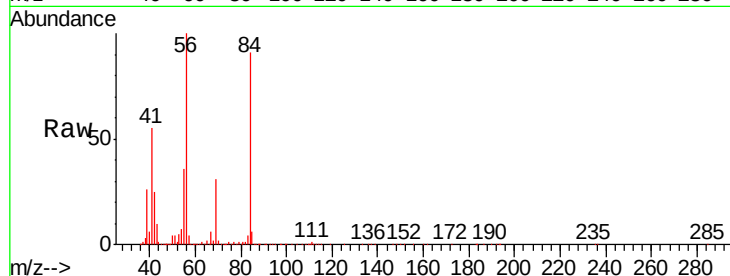




#31
Cyclohexane
Concen: 41.124 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX006905.D
Acq: 03 Jan 2019 19:51

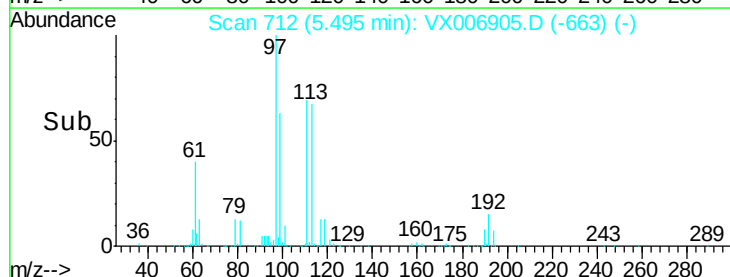
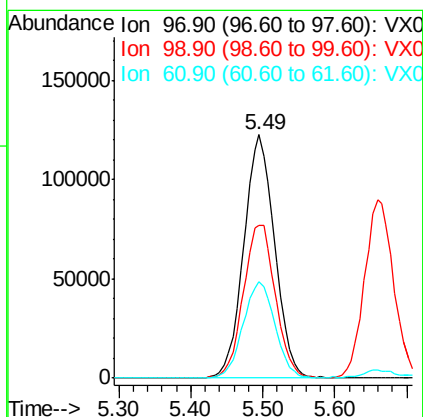
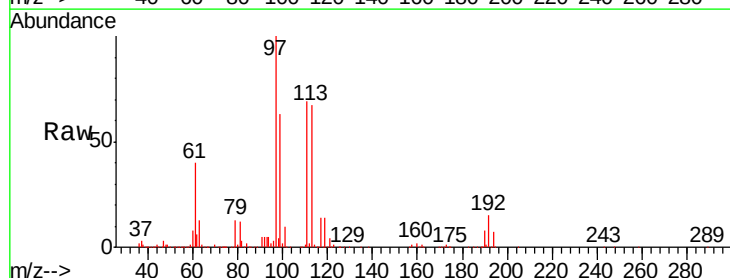
Instrument :
MSVOA_X
ClientSampleId :
S32-0645MS

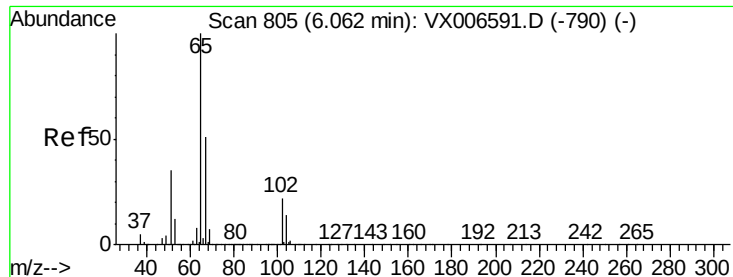
Tgt Ion: 56 Resp: 311094
Ion Ratio Lower Upper
56 100
69 31.1 24.4 36.6
84 90.8 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 50.063 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX006905.D
Acq: 03 Jan 2019 19:51

Tgt Ion: 97 Resp: 364516
Ion Ratio Lower Upper
97 100
99 65.2 51.7 77.5
61 41.1 31.3 46.9





#33

1,2-Dichloroethane-d4

Concen: 51.701 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006905.D

Acq: 03 Jan 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

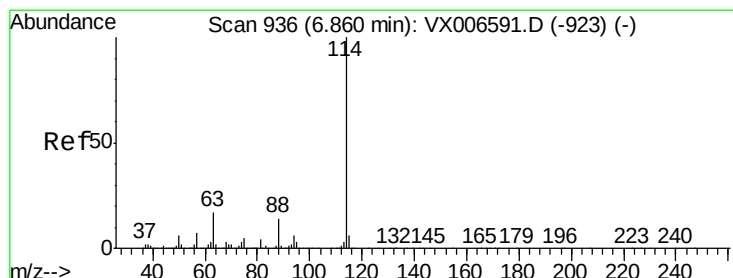
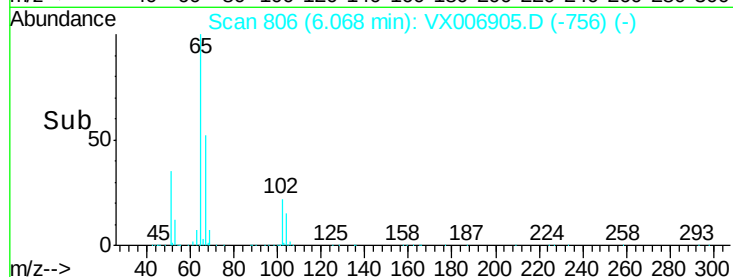
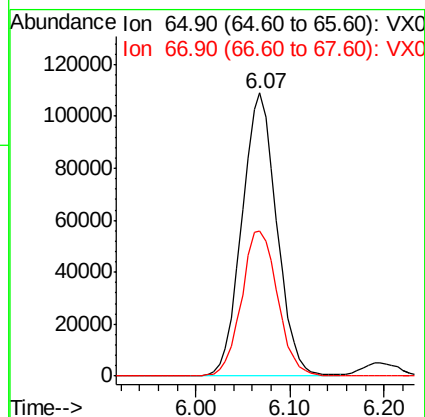
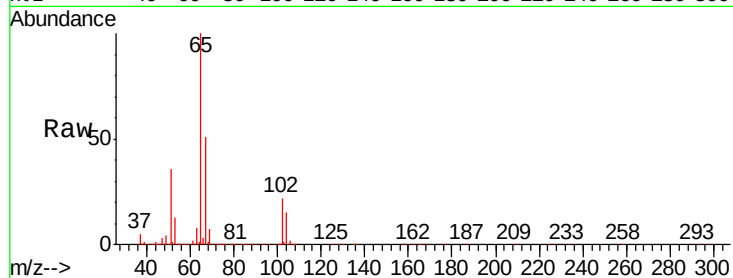
S32-0645MS

Tgt Ion: 65 Resp: 282499

Ion Ratio Lower Upper

65 100

67 53.1 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006905.D

Acq: 03 Jan 2019 19:51

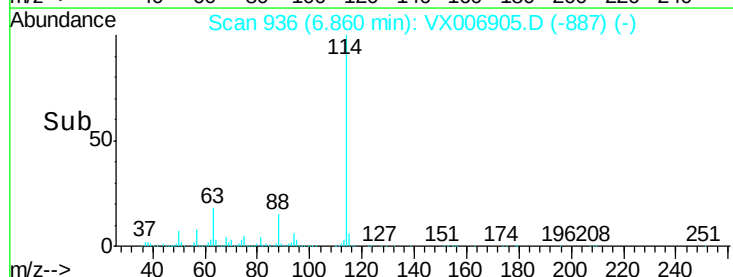
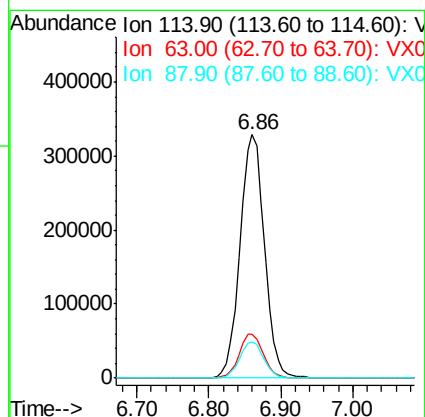
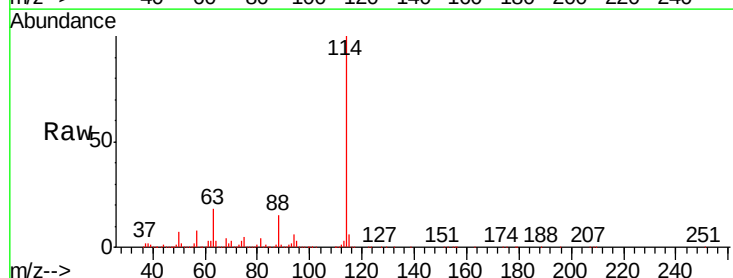
Tgt Ion: 114 Resp: 773611

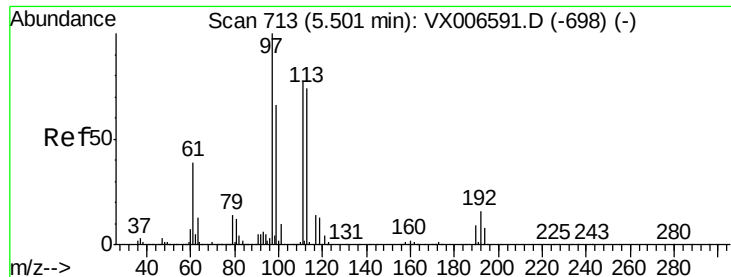
Ion Ratio Lower Upper

114 100

63 17.9 0.0 34.8

88 14.8 0.0 28.8





#35

Dibromofluoromethane

Concen: 52.955 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006905.D

Acq: 03 Jan 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

S32-0645MS

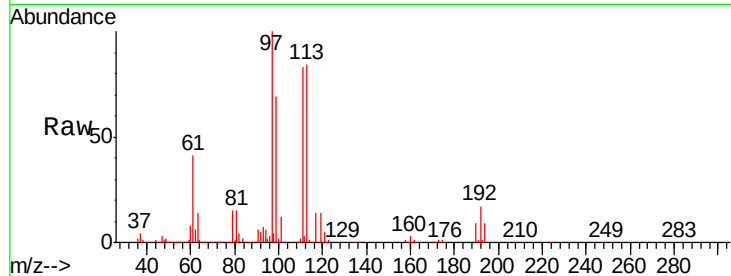
Tgt Ion: 113 Resp: 259066

Ion Ratio Lower Upper

113 100

111 102.1 81.6 122.4

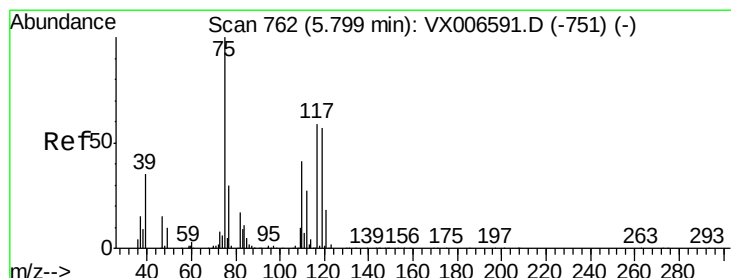
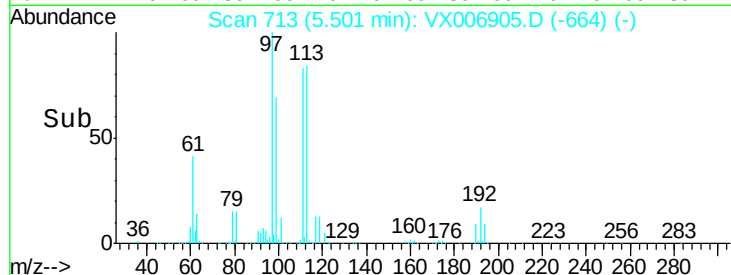
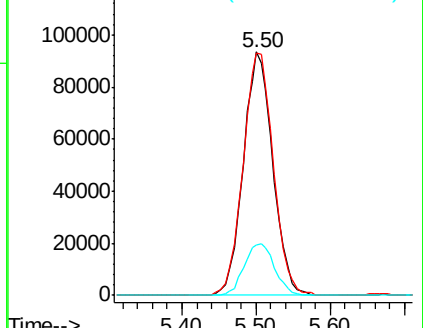
192 22.0 16.7 25.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 45.859 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX006905.D

Acq: 03 Jan 2019 19:51

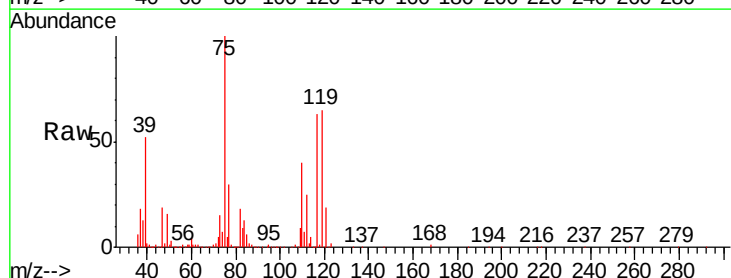
Tgt Ion: 75 Resp: 293830

Ion Ratio Lower Upper

75 100

110 40.3 20.2 60.5

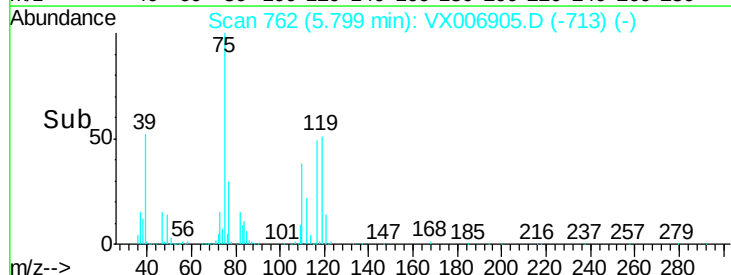
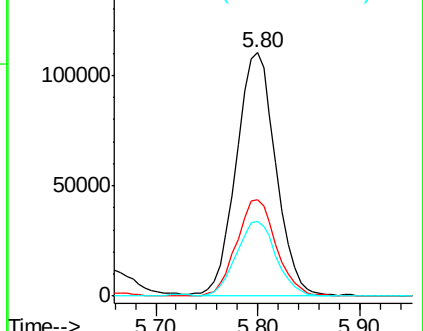
77 31.1 24.8 37.2

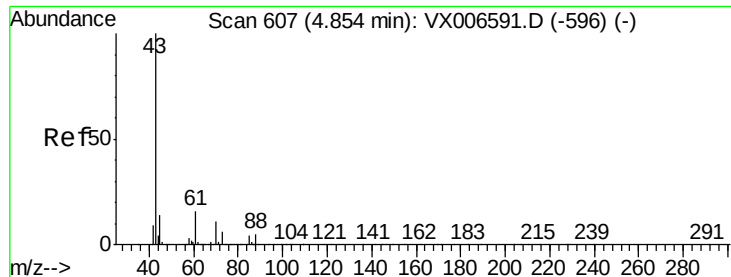


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

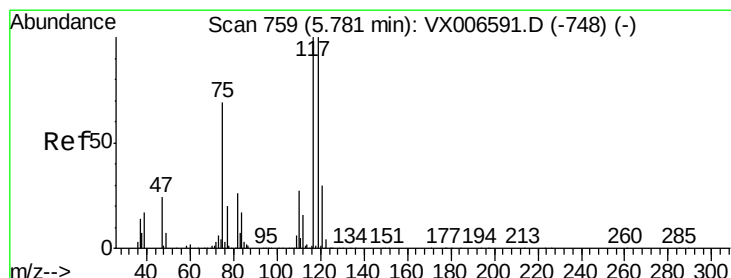
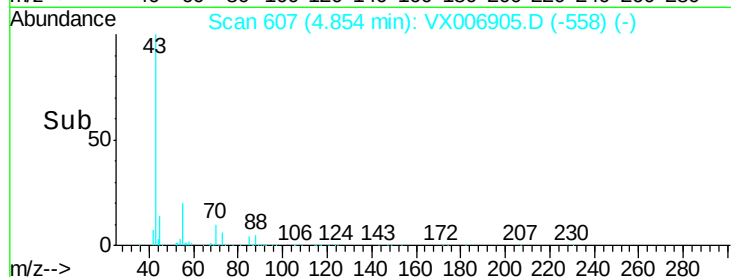
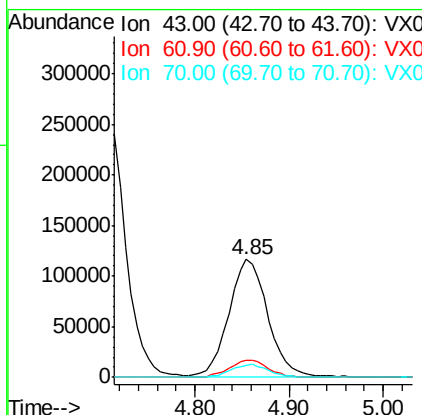
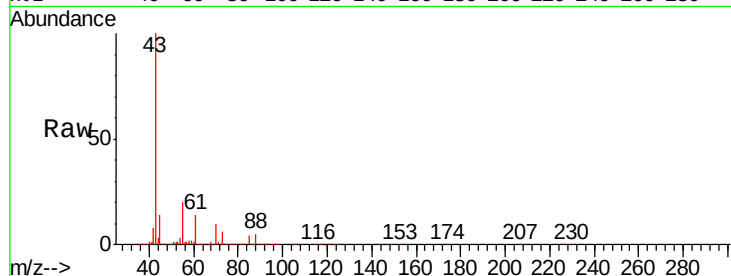




#37
Ethyl Acetate
Concen: 49.694 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006905.D
Acq: 03 Jan 2019 19:51

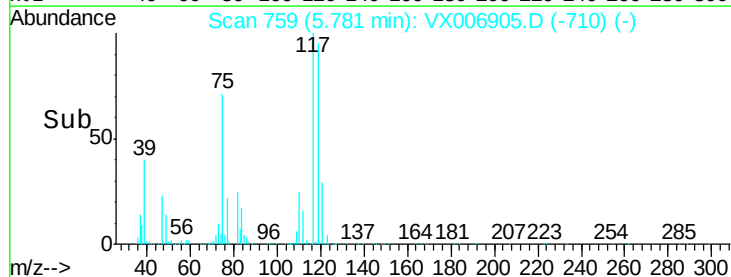
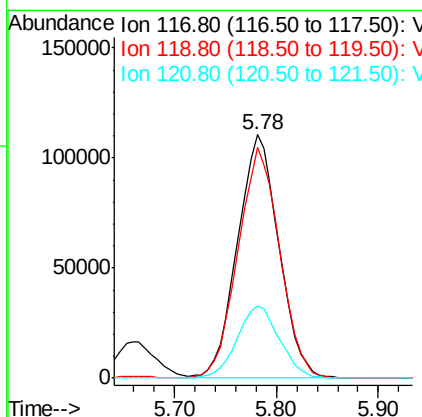
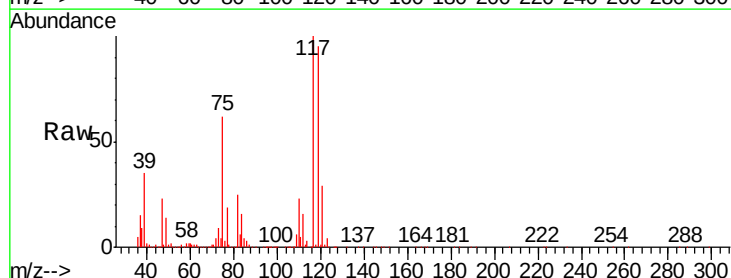
Instrument :
MSVOA_X
ClientSampled :
S32-0645MS

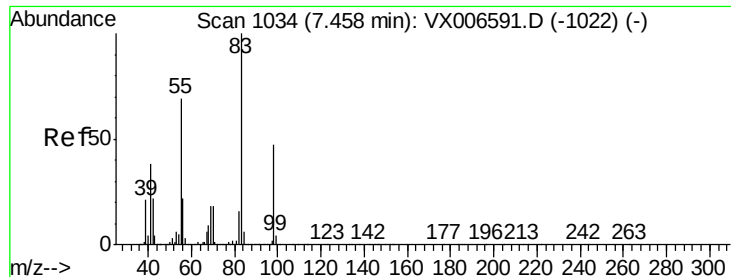
Tgt Ion: 43 Resp: 331402
Ion Ratio Lower Upper
43 100
61 14.5 11.9 17.9
70 11.0 9.7 14.5



#38
Carbon Tetrachloride
Concen: 49.942 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006905.D
Acq: 03 Jan 2019 19:51

Tgt Ion: 117 Resp: 310981
Ion Ratio Lower Upper
117 100
119 94.7 79.4 119.2
121 29.4 24.0 36.0

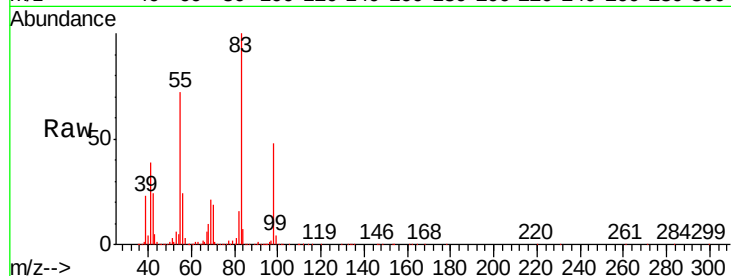




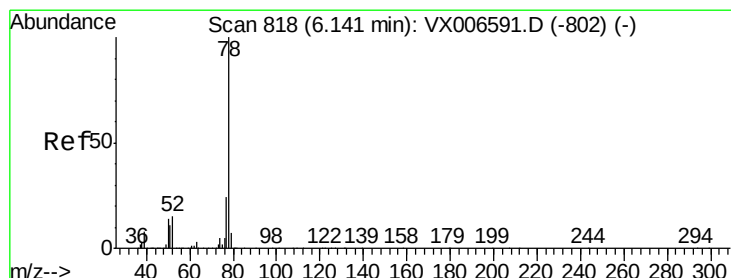
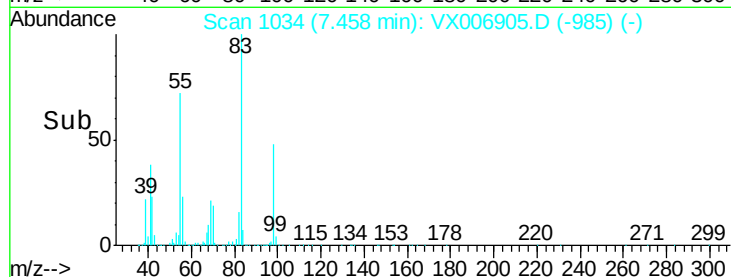
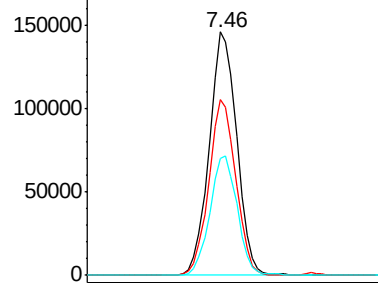
#39
Methylcyclohexane
Concen: 37.809 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX006905.D
Acq: 03 Jan 2019 19:51

Instrument :
MSVOA_X
ClientSampleId :
S32-0645MS

Tgt Ion	Ratio	Lower	Upper
83	100		
55	72.3	54.9	82.3
98	48.0	37.9	56.9

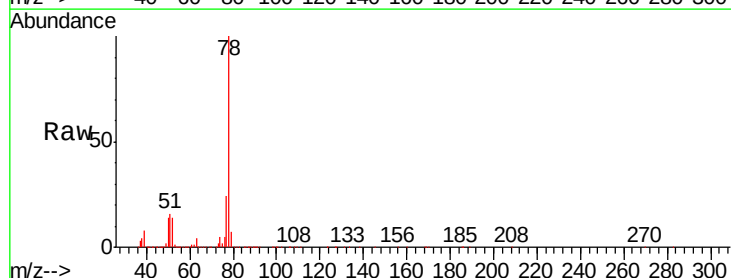


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

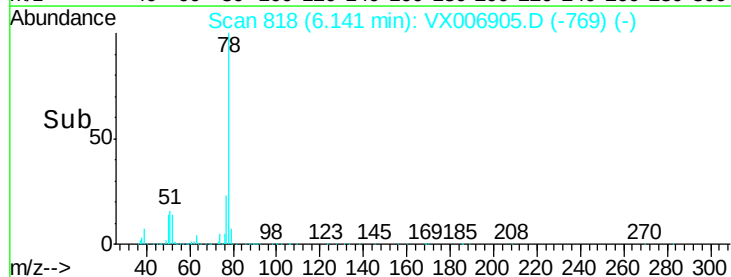
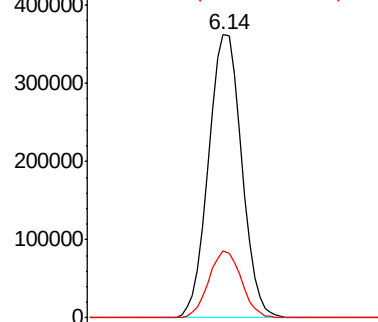


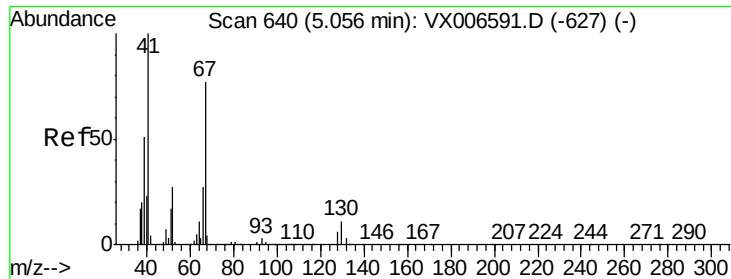
#40
Benzene
Concen: 49.676 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX006905.D
Acq: 03 Jan 2019 19:51

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.2	28.8



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

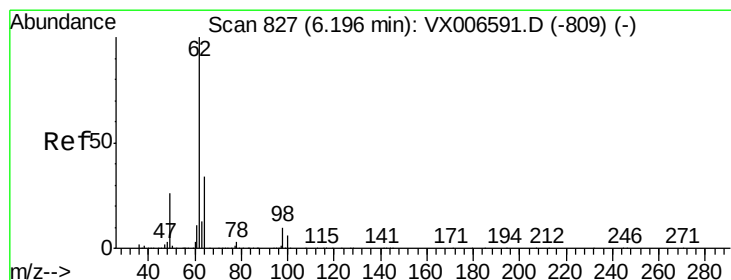
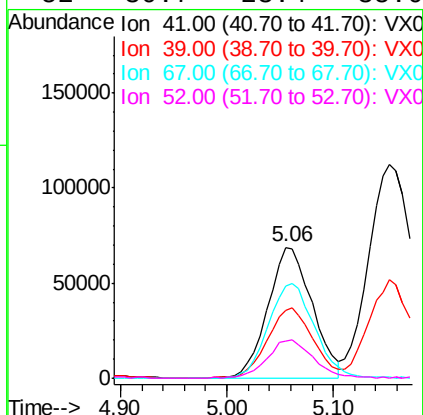
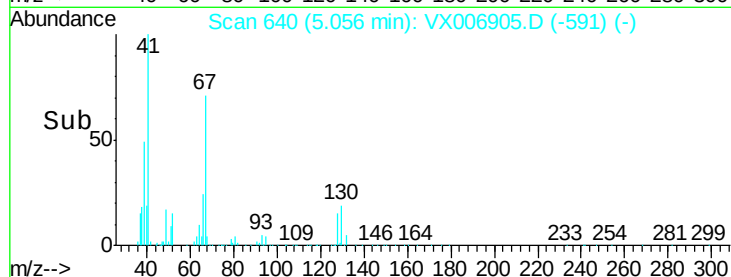
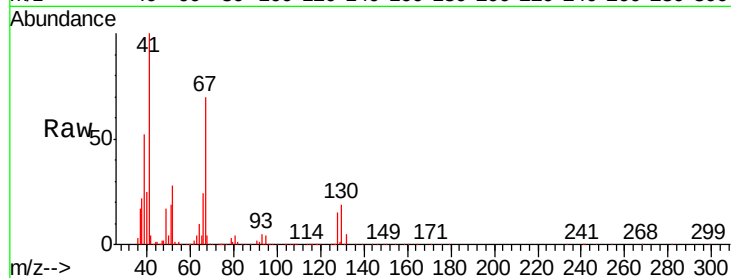




#41
Methacrylonitrile
Concen: 55.986 ug/l
RT: 5.06 min Scan# 640
Delta R.T. 0.00 min
Lab File: VX006905.D
Acq: 03 Jan 2019 19:51

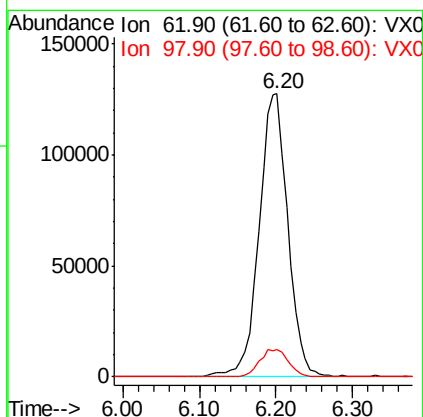
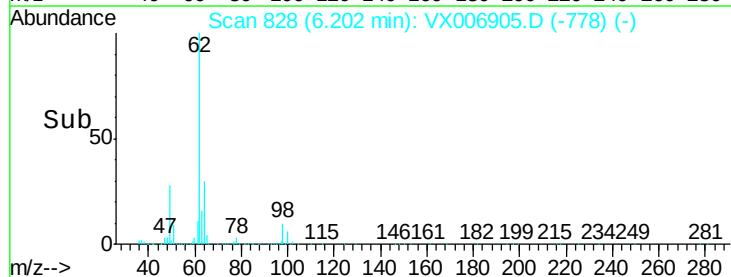
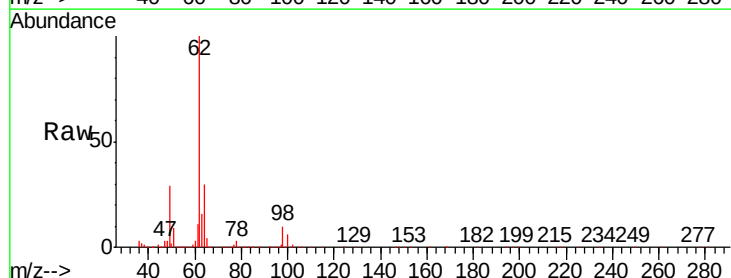
Instrument :
MSVOA_X
ClientSampleId :
S32-0645MS

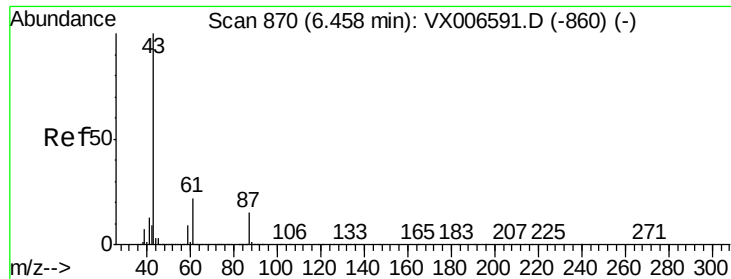
Tgt Ion:	41	Resp:	198225
Ion	Ratio	Lower	Upper
41	100		
39	55.0	42.8	64.2
67	76.2	62.1	93.1
52	30.7	23.4	35.0



#42
1,2-Dichloroethane
Concen: 50.208 ug/l
RT: 6.20 min Scan# 828
Delta R.T. 0.01 min
Lab File: VX006905.D
Acq: 03 Jan 2019 19:51

Tgt Ion:	62	Resp:	333211
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	20.2





#43

Isopropyl Acetate

Concen: 54.509 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX006905.D

Acq: 03 Jan 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

S32-0645MS

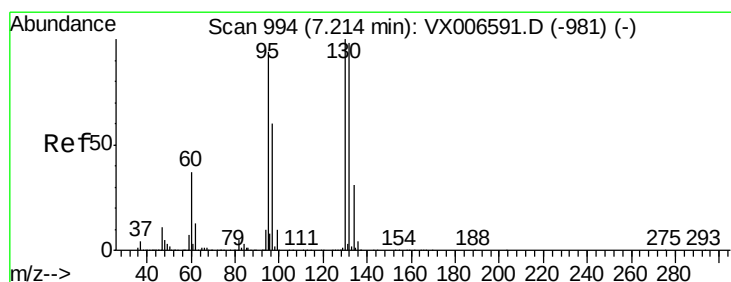
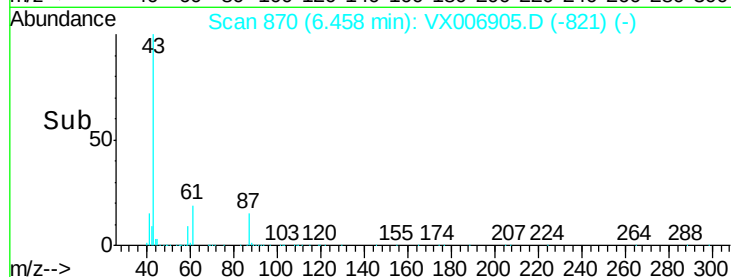
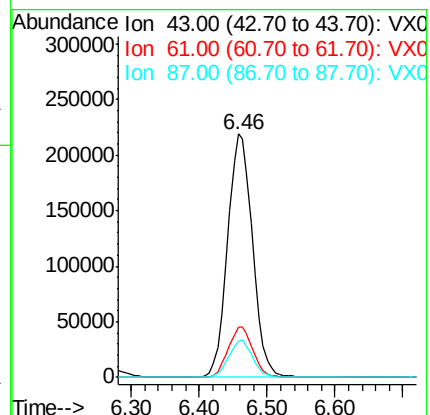
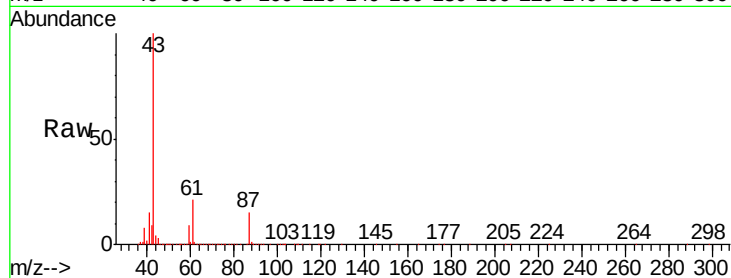
Tgt Ion: 43 Resp: 553102

Ion Ratio Lower Upper

43 100

61 20.4 16.8 25.2

87 14.8 12.4 18.6



#44

Trichloroethene

Concen: 47.018 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX006905.D

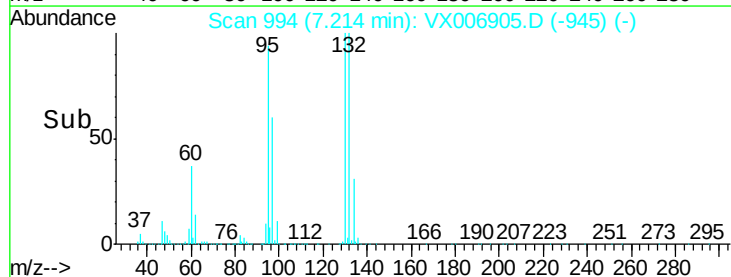
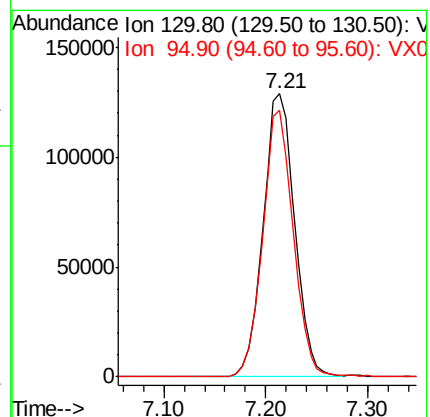
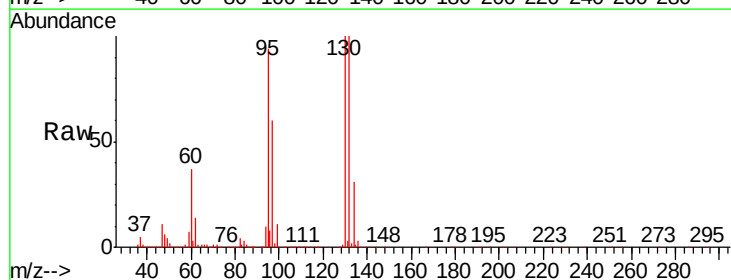
Acq: 03 Jan 2019 19:51

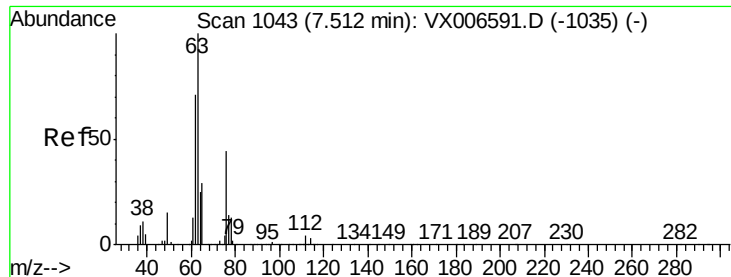
Tgt Ion: 130 Resp: 277162

Ion Ratio Lower Upper

130 100

95 94.4 0.0 187.0

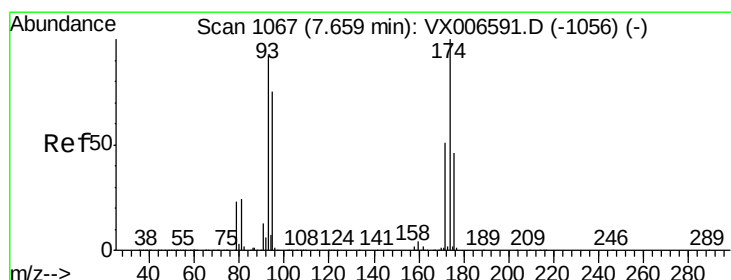
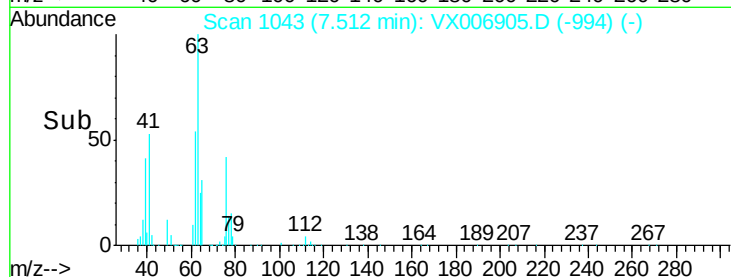
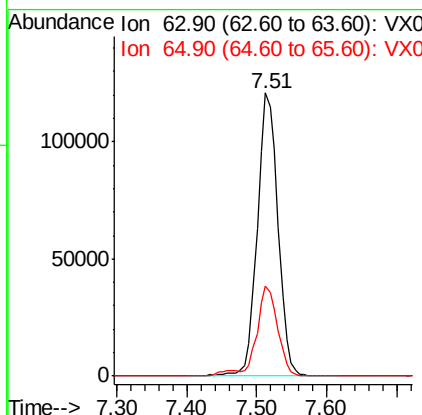
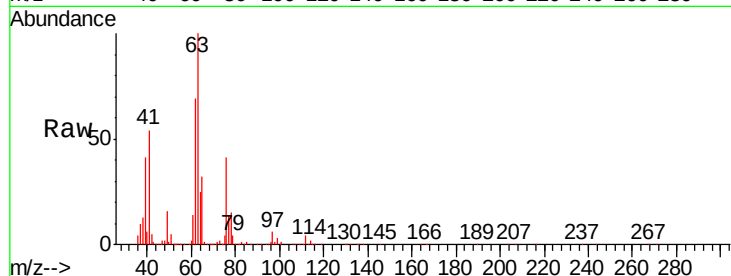




#45
1,2-Dichloropropane
Concen: 52.407 ug/l
RT: 7.51 min Scan# 1043
Delta R.T. -0.00 min
Lab File: VX006905.D
Acq: 03 Jan 2019 19:51

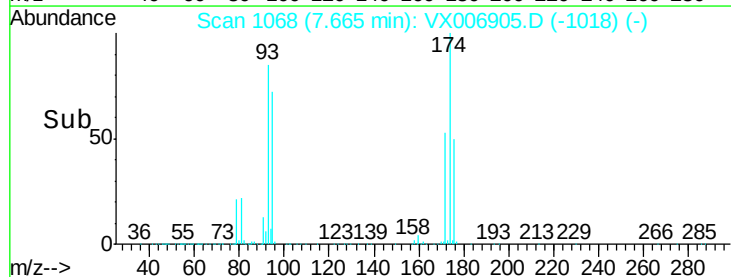
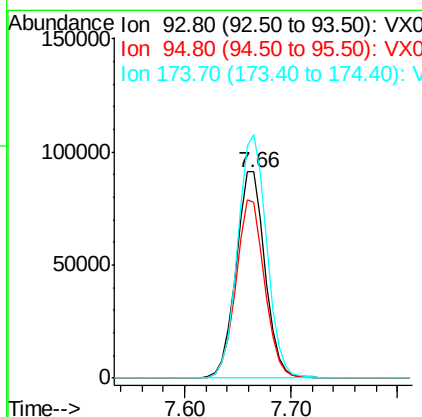
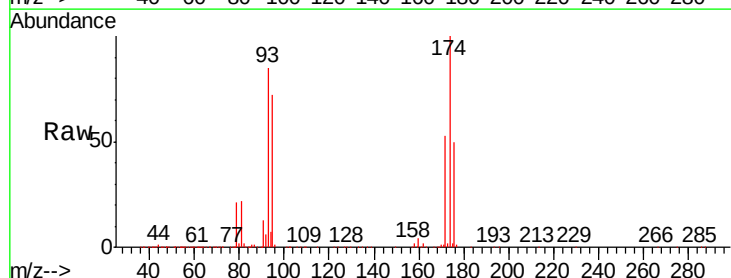
Instrument :
MSVOA_X
ClientSampled :
S32-0645MS

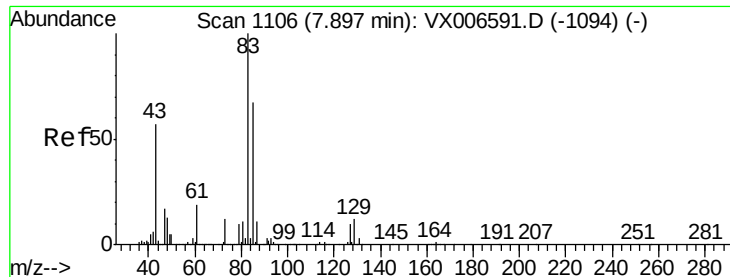
Tgt Ion: 63 Resp: 248380
Ion Ratio Lower Upper
63 100
65 31.7 25.4 38.0



#46
Dibromomethane
Concen: 50.165 ug/l
RT: 7.66 min Scan# 1068
Delta R.T. 0.01 min
Lab File: VX006905.D
Acq: 03 Jan 2019 19:51

Tgt Ion: 93 Resp: 174883
Ion Ratio Lower Upper
93 100
95 85.4 66.2 99.4
174 118.0 91.0 136.4





#47

Bromodichloromethane

Concen: 53.771 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX006905.D

Acq: 03 Jan 2019 19:51

Instrument :

MSVOA_X

ClientSampled :

S32-0645MS

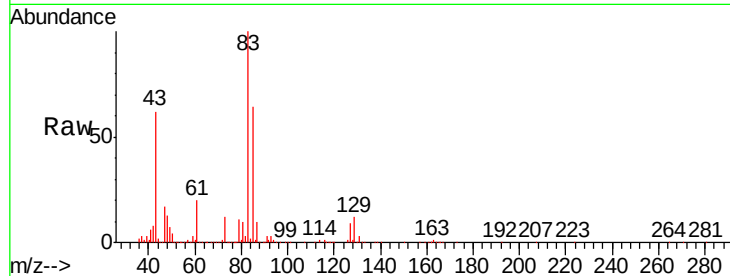
Tgt Ion: 83 Resp: 311212

Ion Ratio Lower Upper

83 100

85 64.1 53.2 79.8

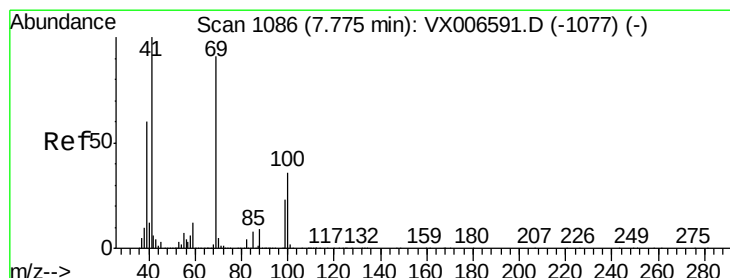
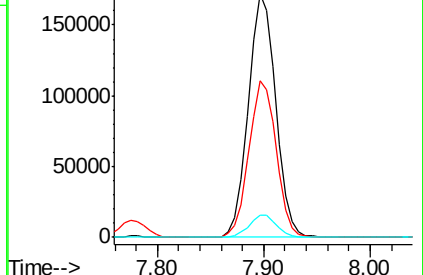
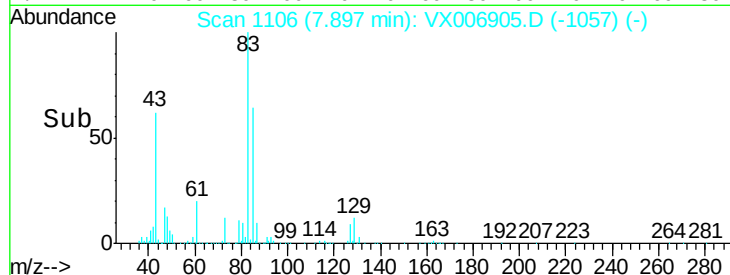
127 9.1 7.8 11.6



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: 55.822 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX006905.D

Acq: 03 Jan 2019 19:51

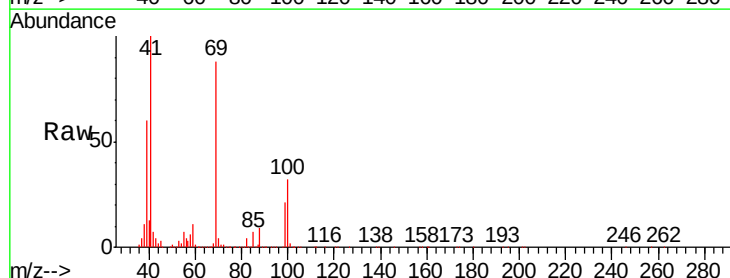
Tgt Ion: 41 Resp: 288042

Ion Ratio Lower Upper

41 100

69 87.5 72.4 108.6

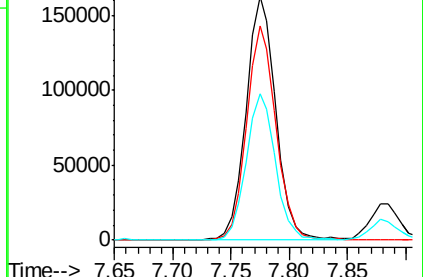
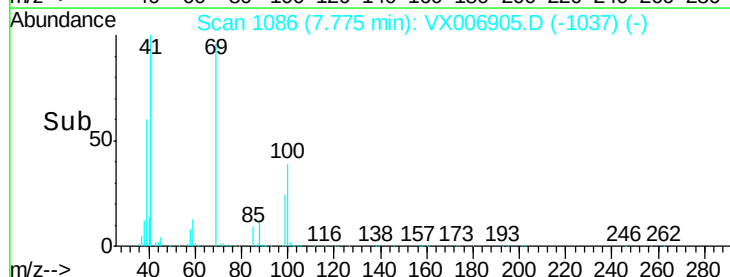
39 59.1 45.8 68.8

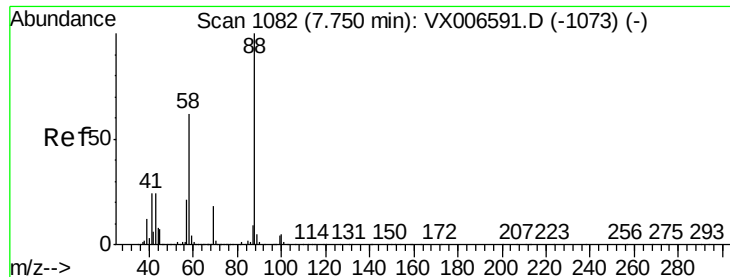


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 882.422 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006905.D

Acq: 03 Jan 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

S32-0645MS

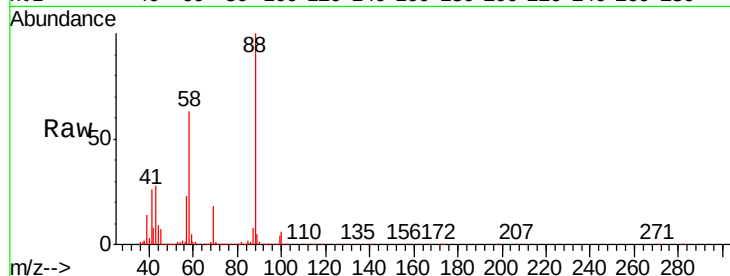
Tgt Ion: 88 Resp: 119450

Ion Ratio Lower Upper

88 100

43 29.6 22.2 33.4

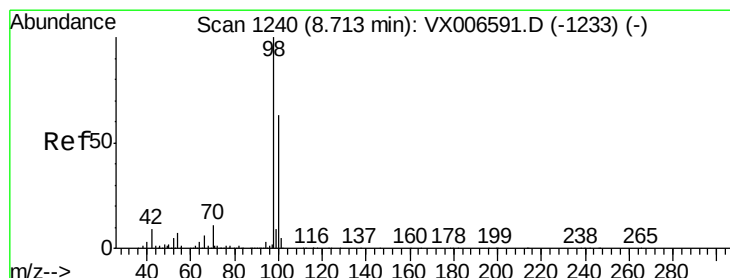
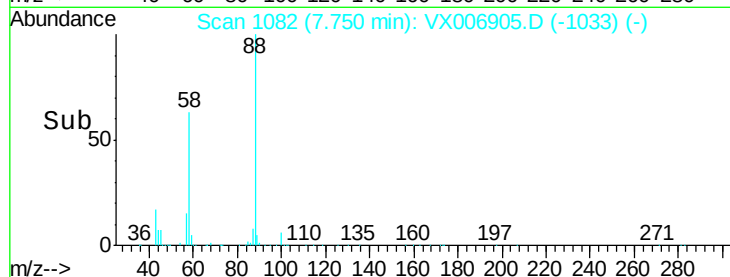
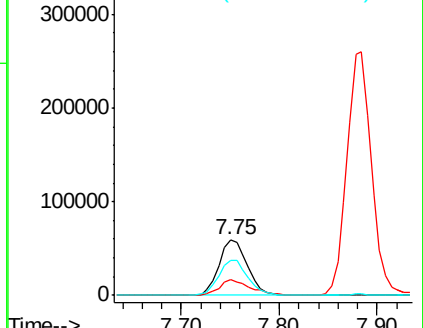
58 65.2 51.0 76.4



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 49.859 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006905.D

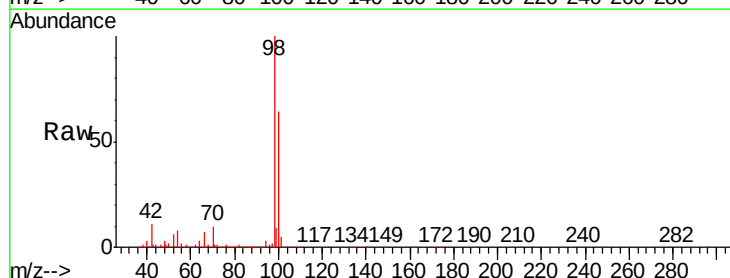
Acq: 03 Jan 2019 19:51

Tgt Ion: 98 Resp: 919587

Ion Ratio Lower Upper

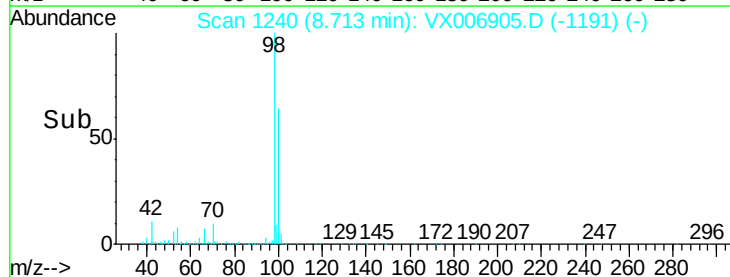
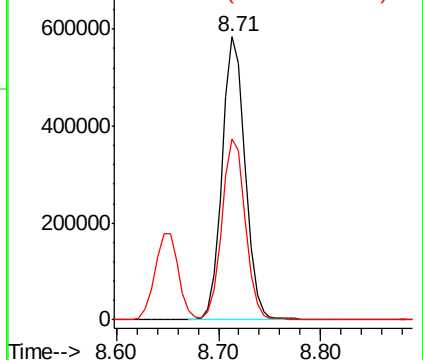
98 100

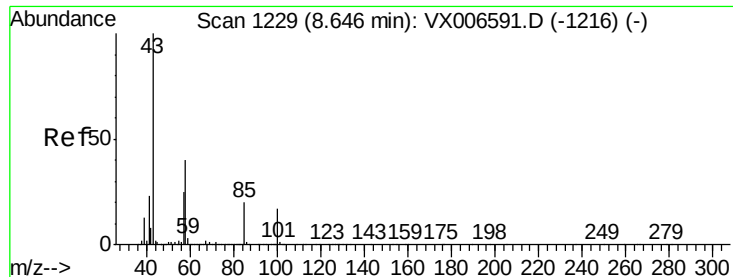
100 65.1 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 271.205 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX006905.D

Acq: 03 Jan 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

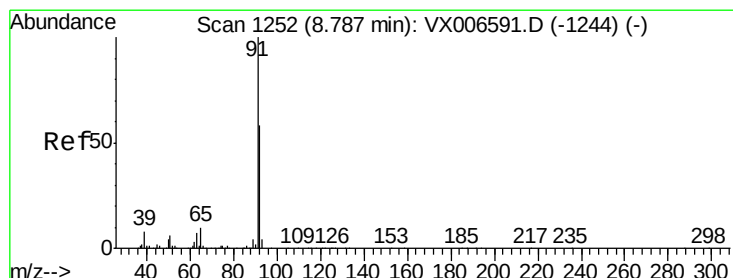
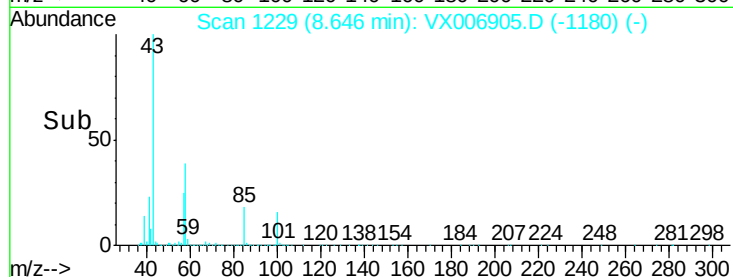
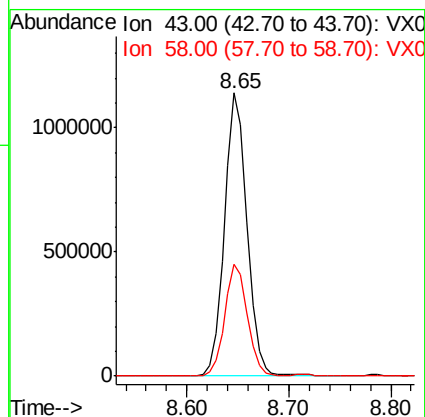
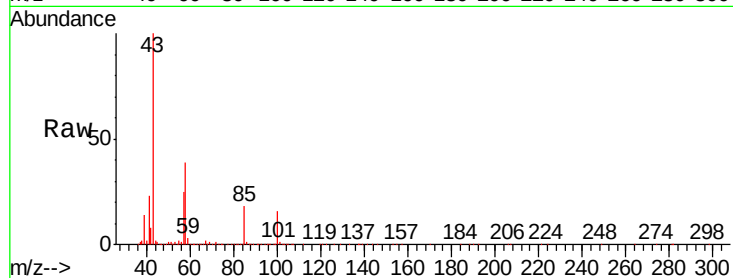
S32-0645MS

Tgt Ion: 43 Resp: 1750948

Ion Ratio Lower Upper

43 100

58 39.4 31.8 47.6



#52

Toluene

Concen: 48.622 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX006905.D

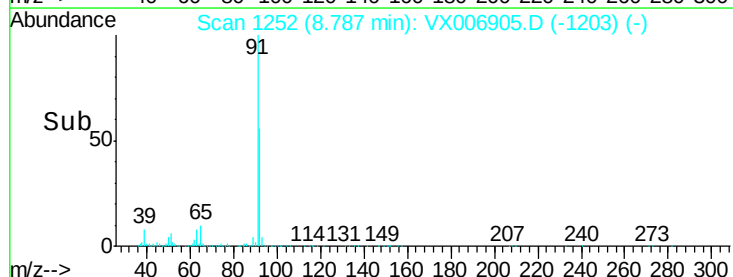
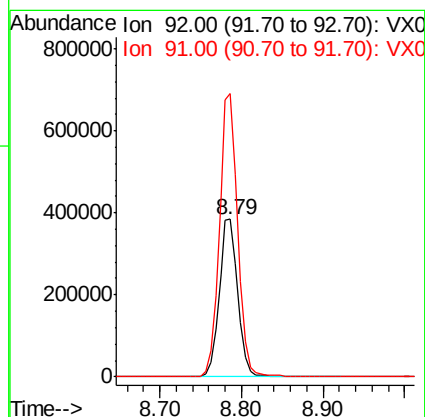
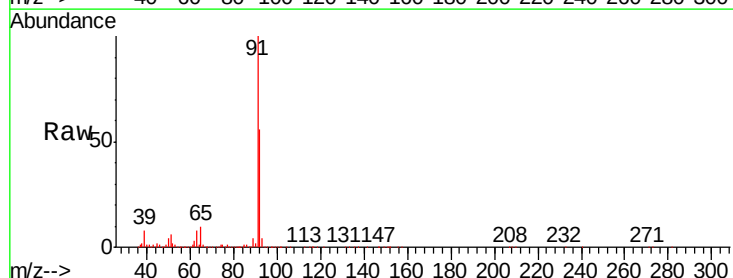
Acq: 03 Jan 2019 19:51

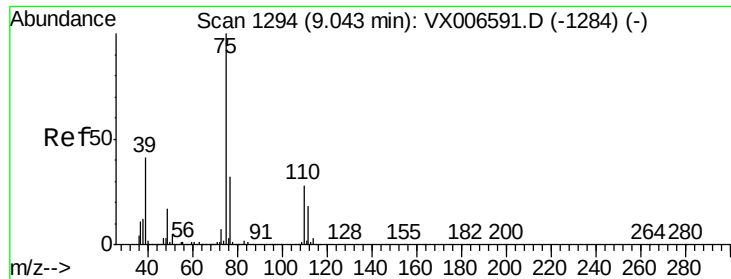
Tgt Ion: 92 Resp: 611780

Ion Ratio Lower Upper

92 100

91 177.3 137.6 206.4

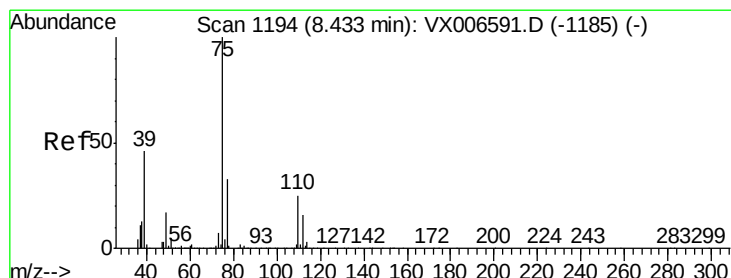
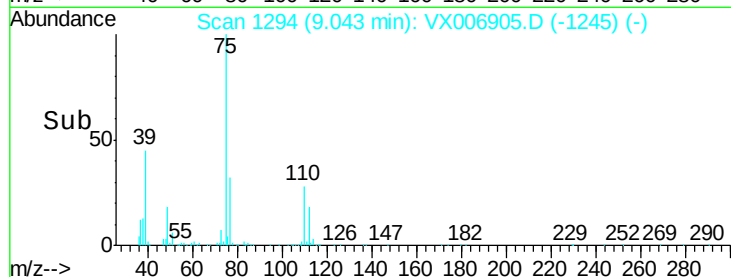
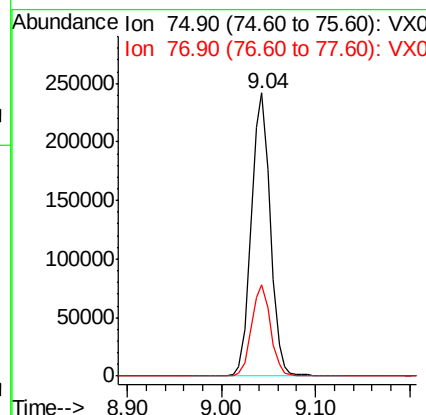
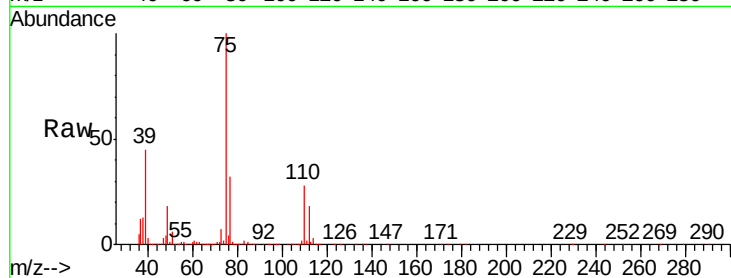




#53
 t-1,3-Dichloropropene
 Concen: 54.426 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX006905.D
 Acq: 03 Jan 2019 19:51

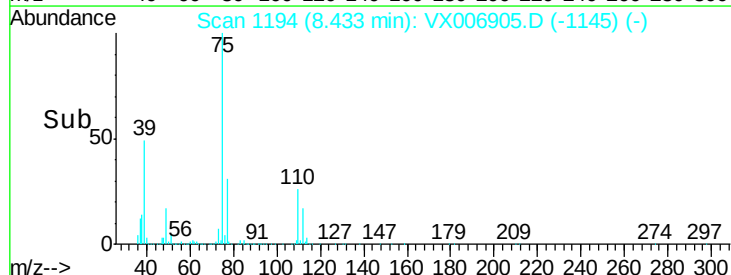
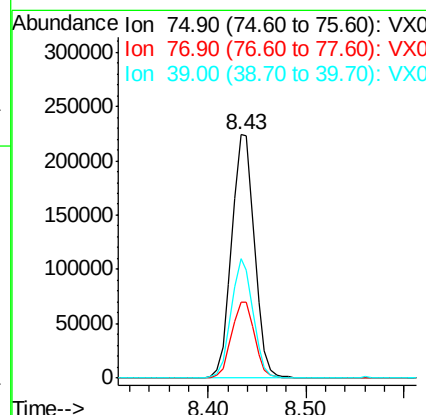
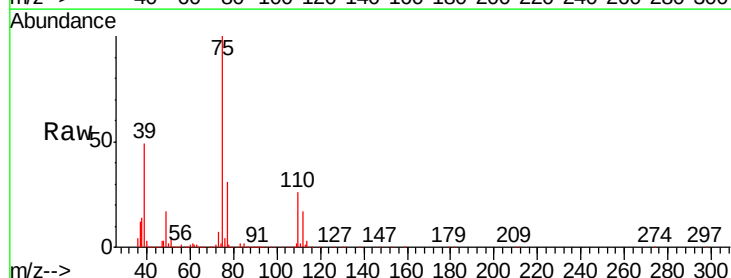
Instrument :
 MSVOA_X
 ClientSampled :
 S32-0645MS

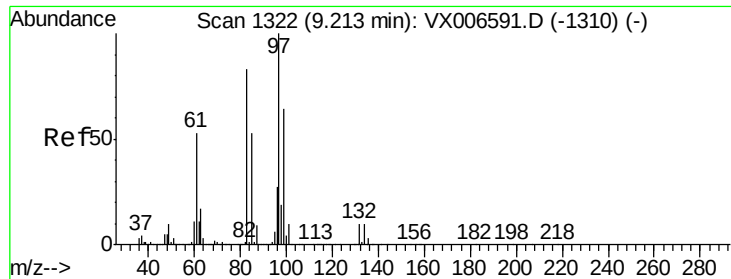
Tgt Ion: 75 Resp: 337840
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 53.306 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX006905.D
 Acq: 03 Jan 2019 19:51

Tgt Ion: 75 Resp: 363067
 Ion Ratio Lower Upper
 75 100
 77 31.4 26.2 39.2
 39 49.2 36.7 55.1





#55

1,1,2-Trichloroethane

Concen: 51.967 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX006905.D

Acq: 03 Jan 2019 19:51

Instrument :

MSVOA_X

ClientSampled :

S32-0645MS

Tgt Ion: 97 Resp: 267639

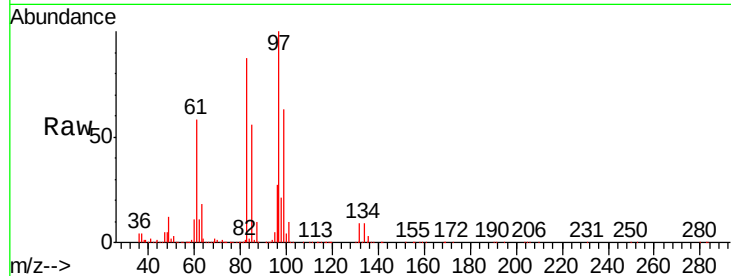
Ion Ratio Lower Upper

97 100

83 86.6 66.6 99.8

85 55.6 42.7 64.1

99 63.4 50.8 76.2

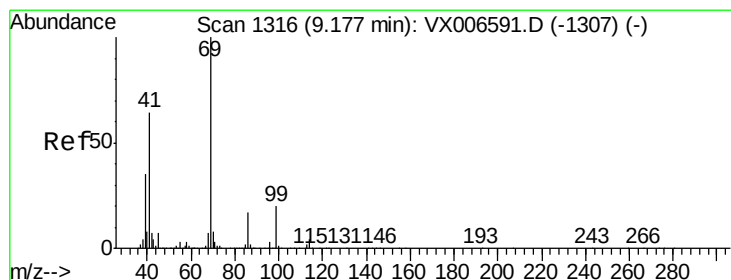
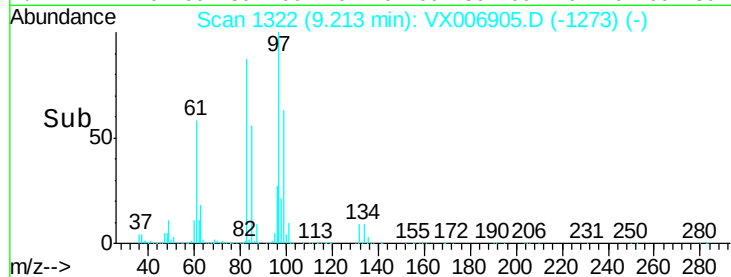
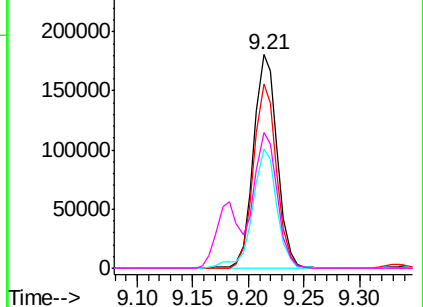


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 53.401 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. 0.01 min

Lab File: VX006905.D

Acq: 03 Jan 2019 19:51

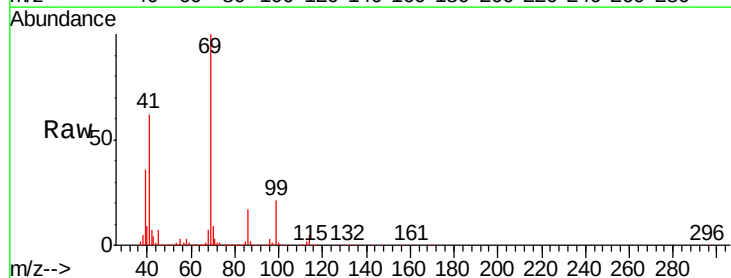
Tgt Ion: 69 Resp: 388712

Ion Ratio Lower Upper

69 100

41 63.8 48.7 73.1

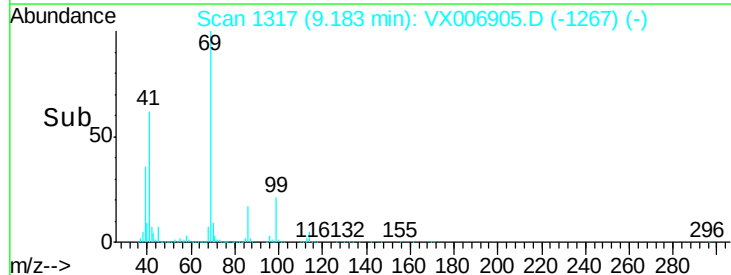
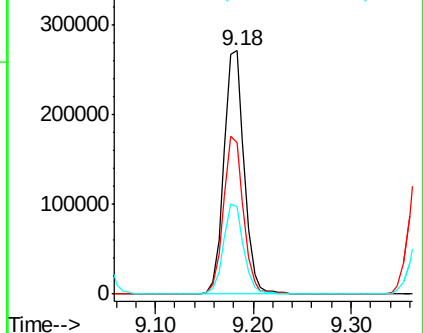
39 36.7 27.0 40.6

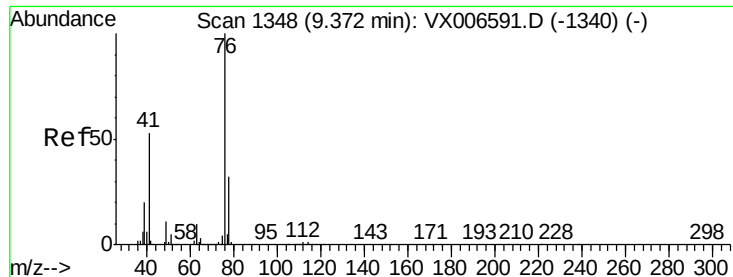


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

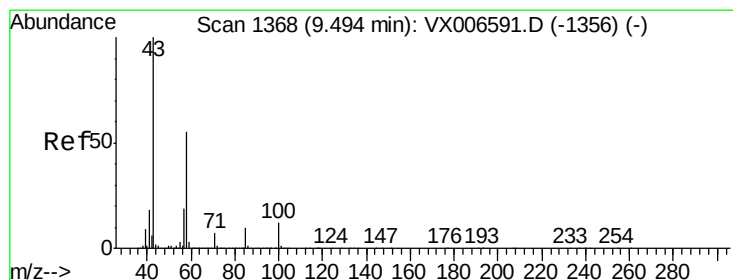
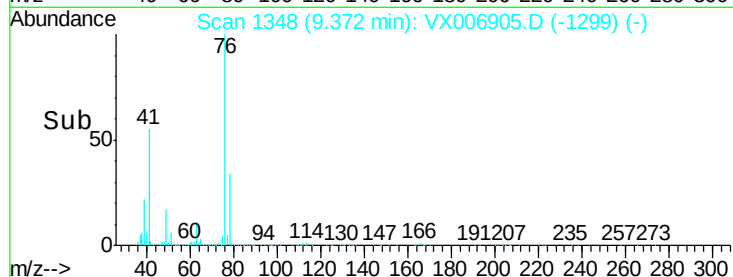
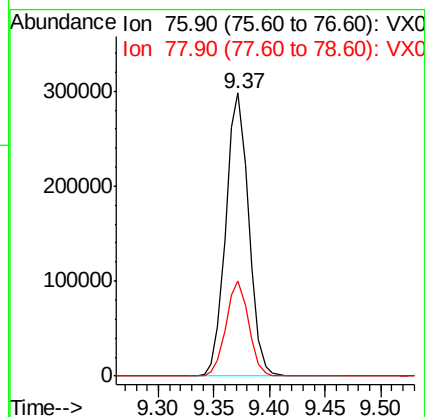
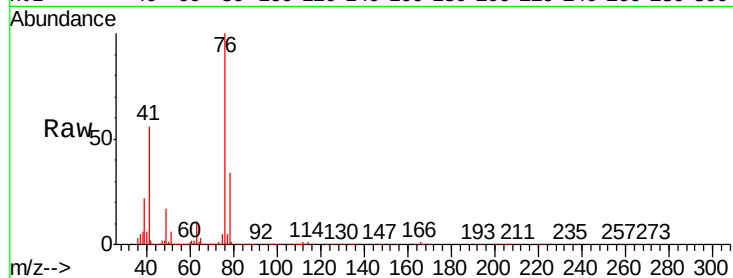




#57
 1,3-Dichloropropane
 Concen: 51.275 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX006905.D
 Acq: 03 Jan 2019 19:51

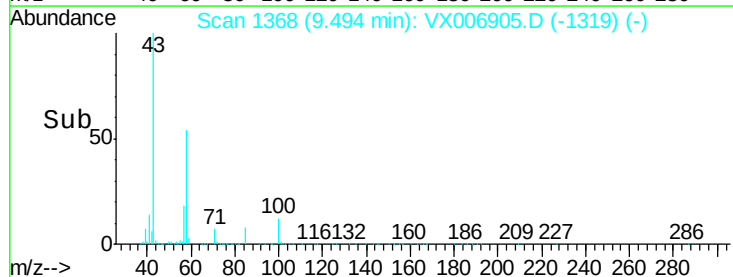
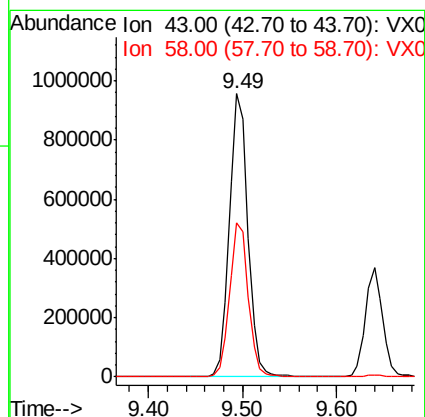
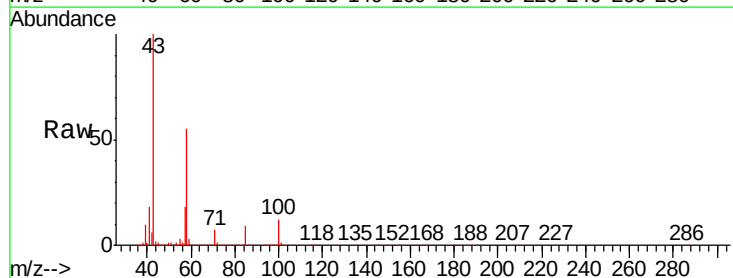
Instrument :
 MSVOA_X
 ClientSampled :
 S32-0645MS

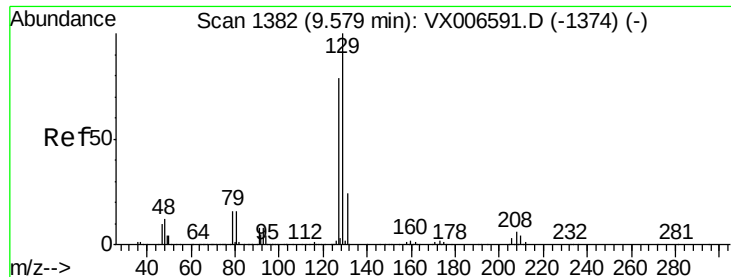
Tgt Ion: 76 Resp: 424865
 Ion Ratio Lower Upper
 76 100
 78 33.2 26.0 39.0



#59
 2-Hexanone
 Concen: 263.715 ug/l
 RT: 9.49 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: VX006905.D
 Acq: 03 Jan 2019 19:51

Tgt Ion: 43 Resp: 1302680
 Ion Ratio Lower Upper
 43 100
 58 55.0 27.7 83.1





#60

Dibromochloromethane

Concen: 50.498 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.01 min

Lab File: VX006905.D

Acq: 03 Jan 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

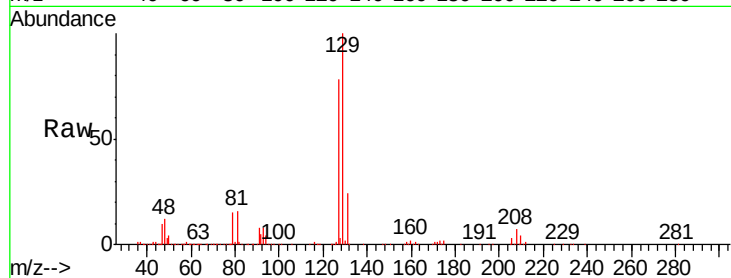
S32-0645MS

Tgt Ion:129 Resp: 272138

Ion Ratio Lower Upper

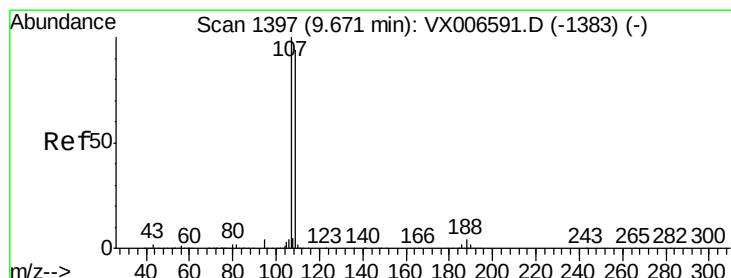
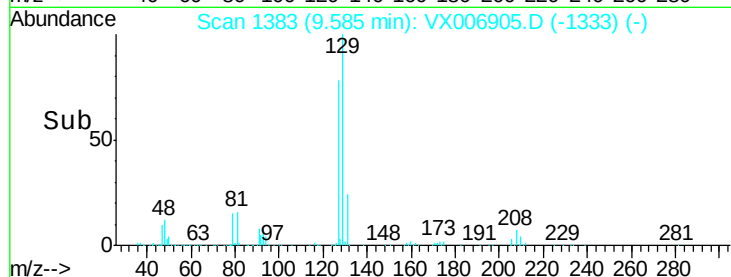
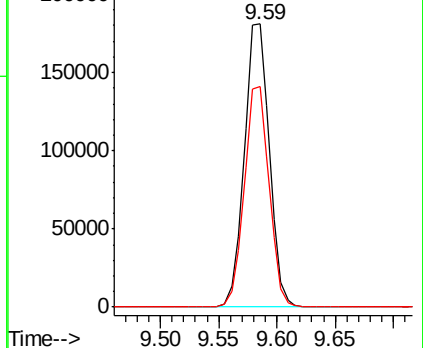
129 100

127 77.5 39.3 117.8



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 52.465 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX006905.D

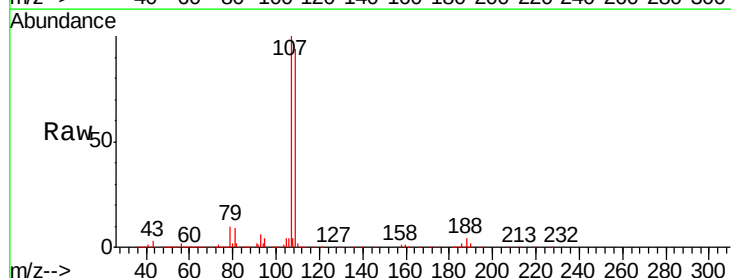
Acq: 03 Jan 2019 19:51

Tgt Ion:107 Resp: 287237

Ion Ratio Lower Upper

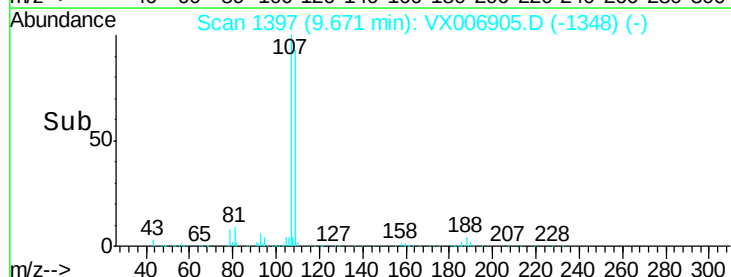
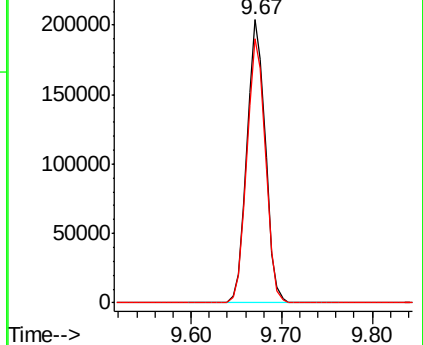
107 100

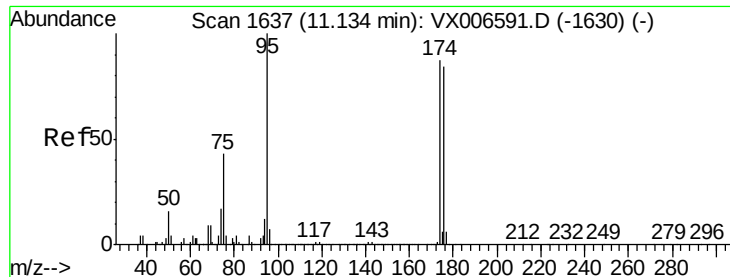
109 94.2 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 49.026 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006905.D

Acq: 03 Jan 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

S32-0645MS

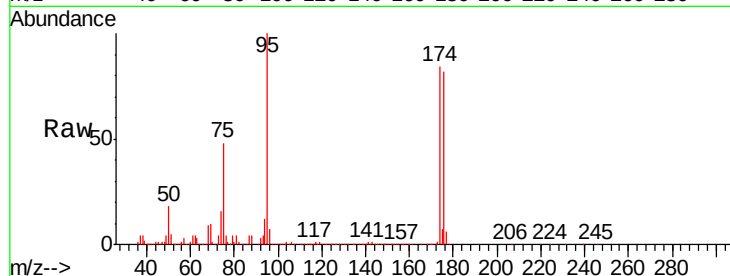
Tgt Ion: 95 Resp: 331163

Ion Ratio Lower Upper

95 100

174 93.5 0.0 182.2

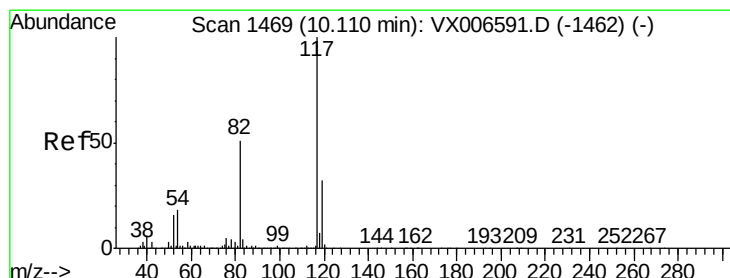
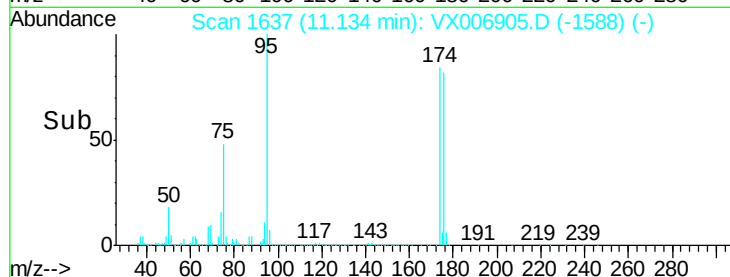
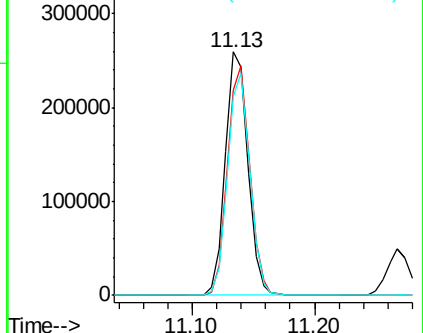
176 89.9 0.0 178.8



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: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX006905.D

Acq: 03 Jan 2019 19:51

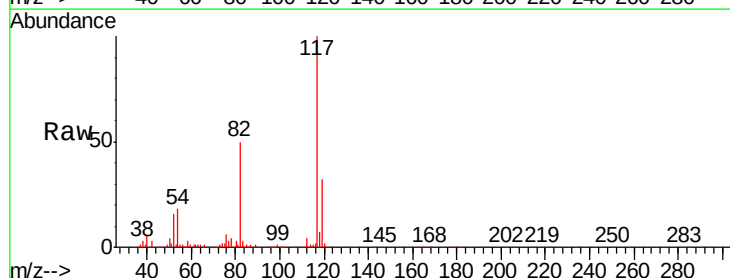
Tgt Ion: 117 Resp: 694557

Ion Ratio Lower Upper

117 100

82 50.1 41.0 61.6

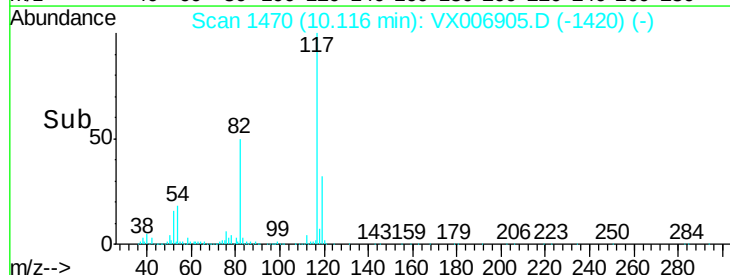
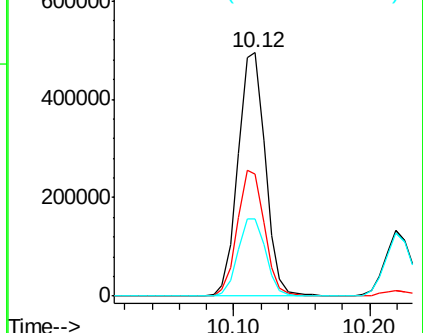
119 31.9 25.4 38.0

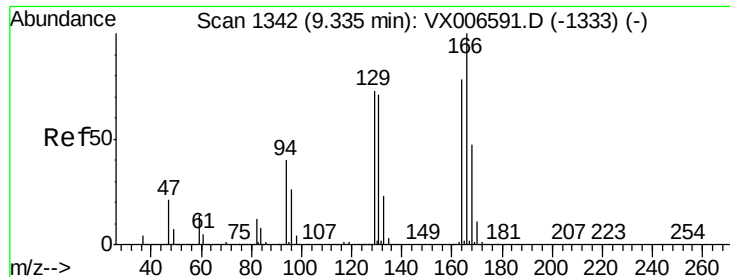


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 47.195 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX006905.D

Acq: 03 Jan 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

S32-0645MS

Tgt Ion:164 Resp: 259564

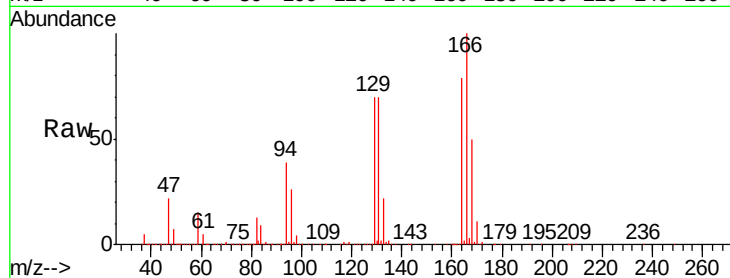
Ion Ratio Lower Upper

164 100

166 125.8 102.5 153.7

129 87.6 75.1 112.7

131 87.7 72.7 109.1

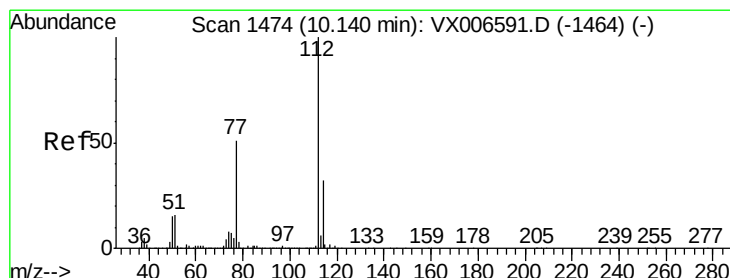
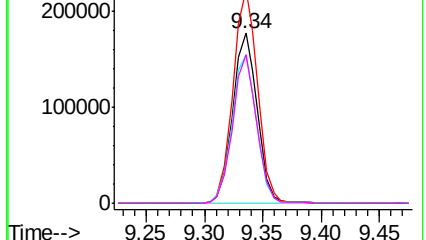
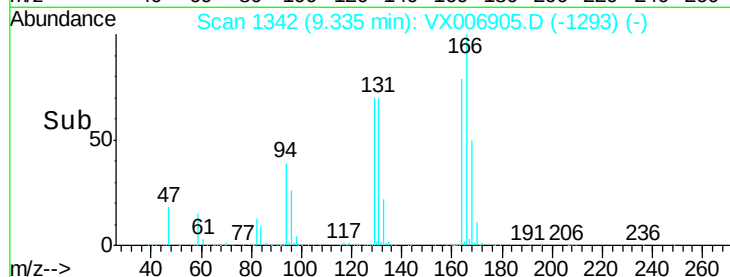


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 49.288 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX006905.D

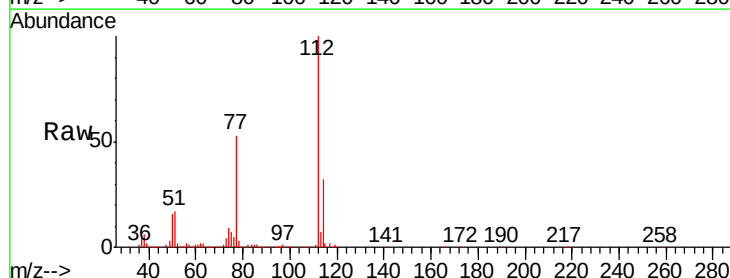
Acq: 03 Jan 2019 19:51

Tgt Ion:112 Resp: 724233

Ion Ratio Lower Upper

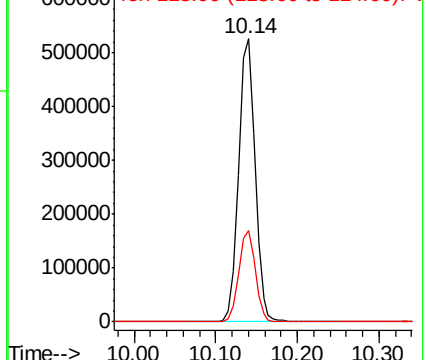
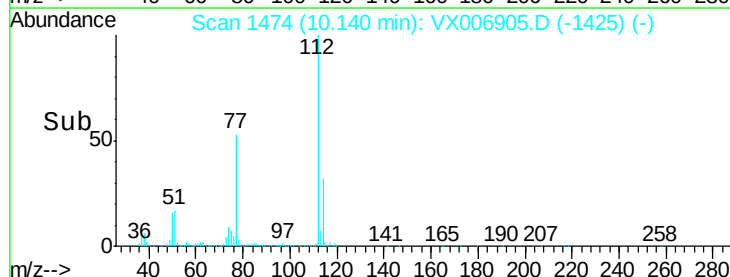
112 100

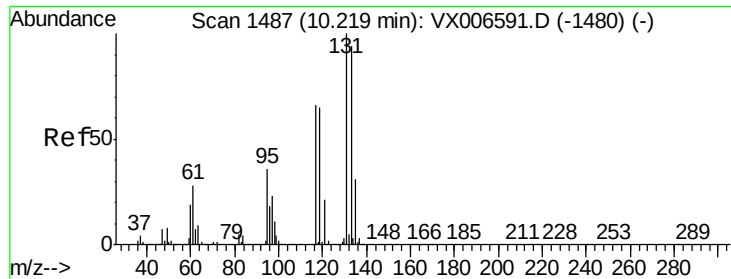
114 32.3 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

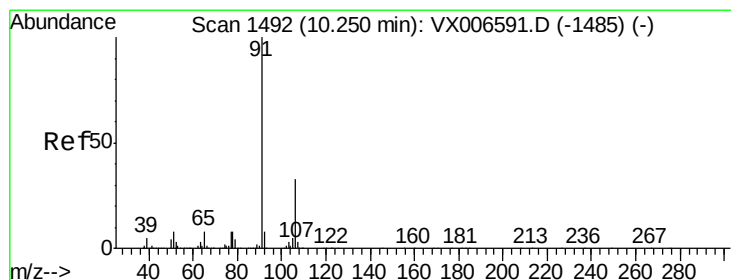
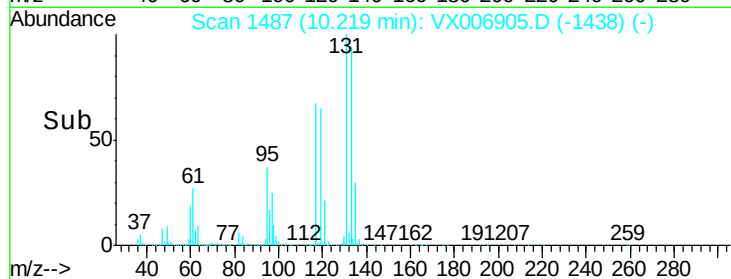
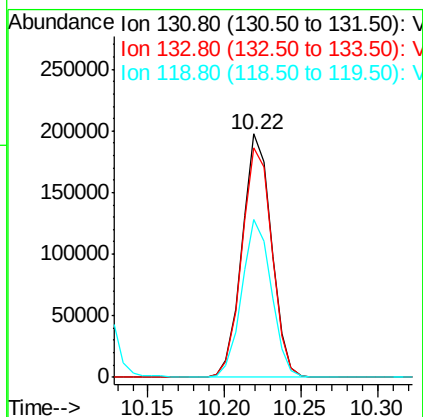
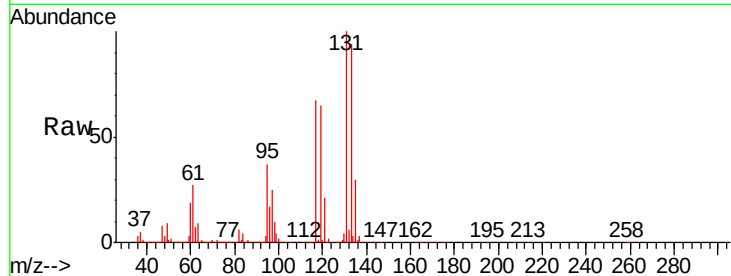




#66
 1,1,1,2-Tetrachloroethane
 Concen: 57.394 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VX006905.D
 Acq: 03 Jan 2019 19:51

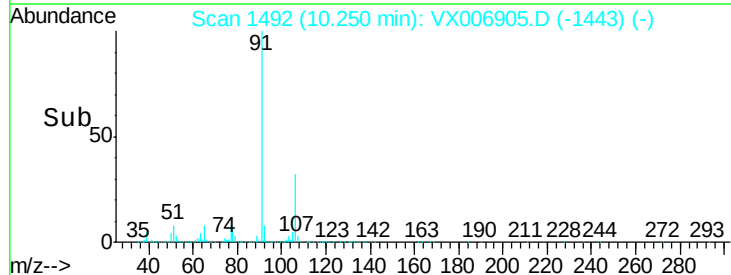
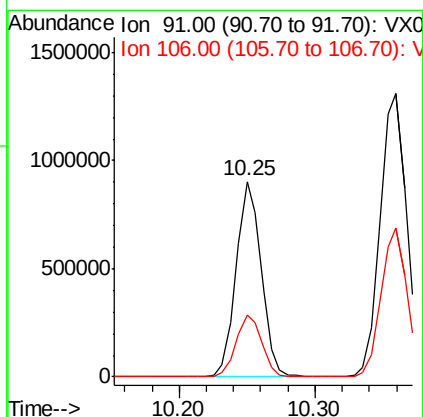
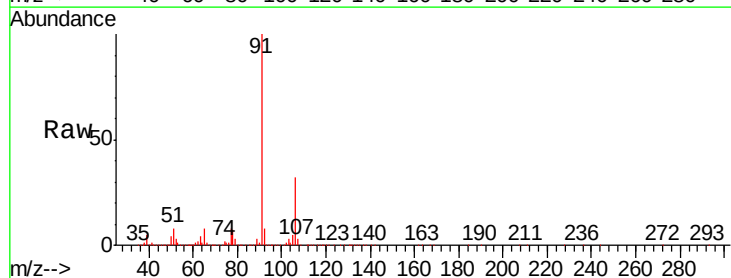
Instrument :
 MSVOA_X
 ClientSampled :
 S32-0645MS

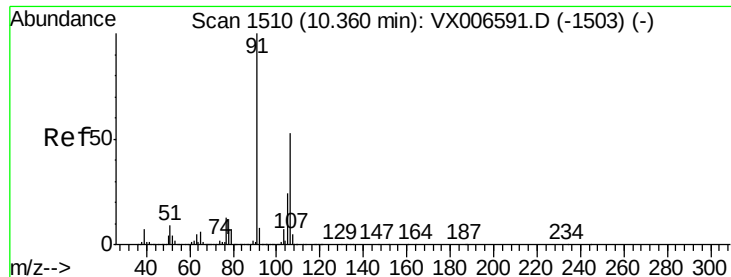
Tgt Ion:131 Resp: 263122
 Ion Ratio Lower Upper
 131 100
 133 96.4 48.0 144.2
 119 65.2 32.6 97.8



#67
 Ethyl Benzene
 Concen: 48.419 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VX006905.D
 Acq: 03 Jan 2019 19:51

Tgt Ion: 91 Resp: 1162581
 Ion Ratio Lower Upper
 91 100
 106 31.7 26.4 39.6

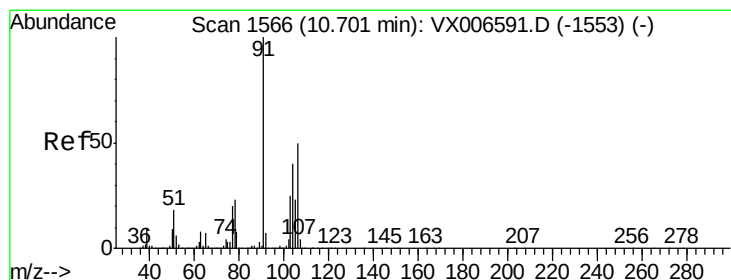
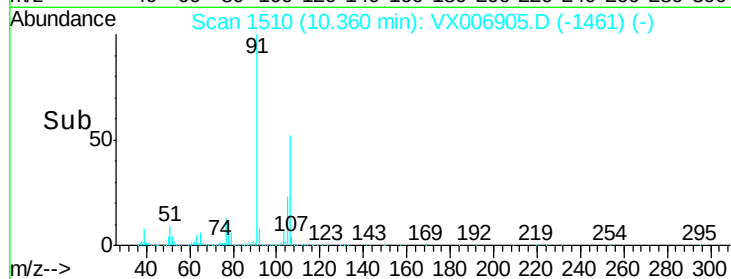
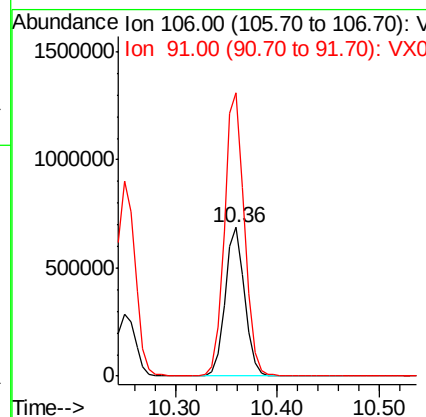
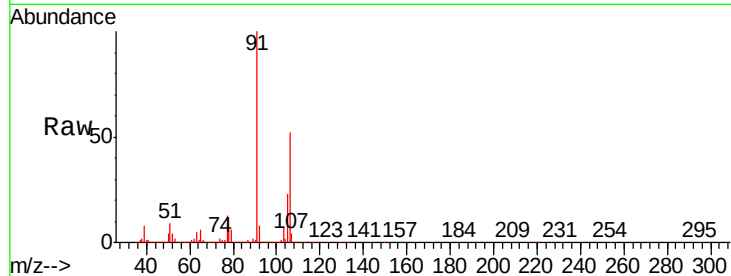




#68
m/p-Xylenes
Concen: 96.909 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX006905.D
Acq: 03 Jan 2019 19:51

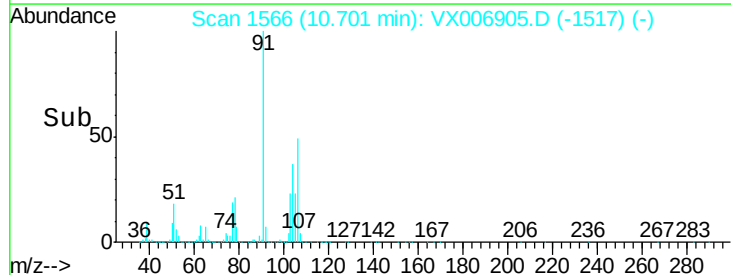
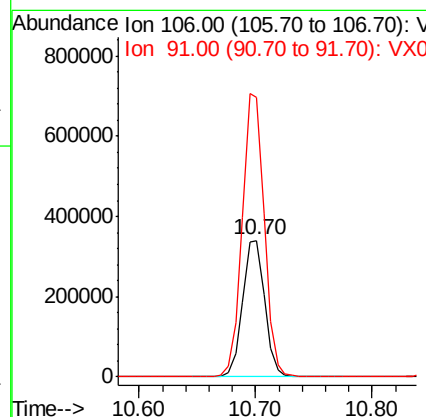
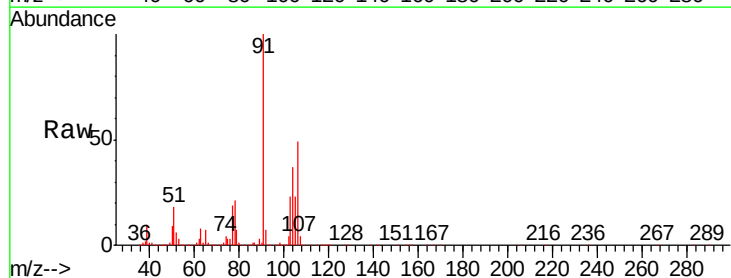
Instrument :
MSVOA_X
ClientSampleId :
S32-0645MS

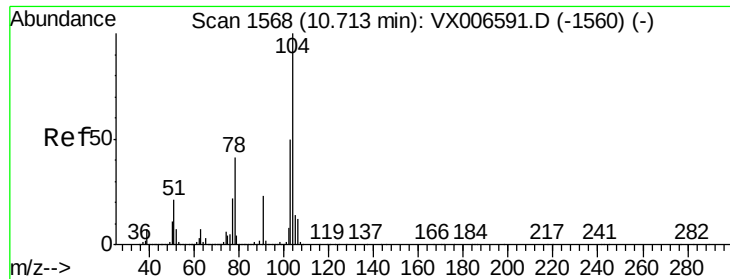
Tgt Ion:106 Resp: 918180
Ion Ratio Lower Upper
106 100
91 195.3 155.8 233.6



#69
o-Xylene
Concen: 48.517 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006905.D
Acq: 03 Jan 2019 19:51

Tgt Ion:106 Resp: 453929
Ion Ratio Lower Upper
106 100
91 205.9 101.3 303.7





#70

Styrene

Concen: 49.753 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX006905.D

Acq: 03 Jan 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

S32-0645MS

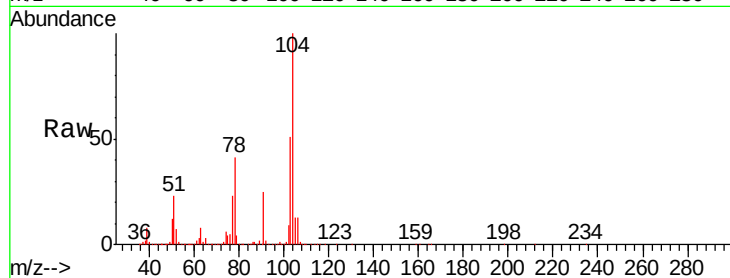
Tgt Ion:104 Resp: 736428

Ion Ratio Lower Upper

104 100

78 47.1 37.7 56.5

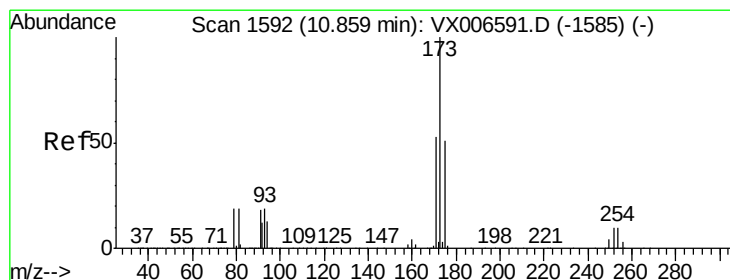
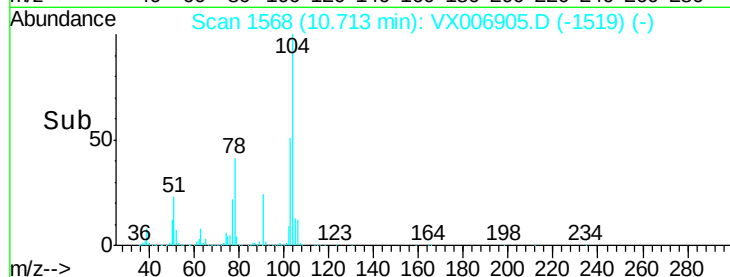
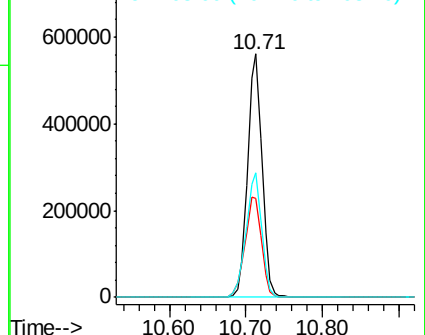
103 55.3 43.8 65.8



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 48.063 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006905.D

Acq: 03 Jan 2019 19:51

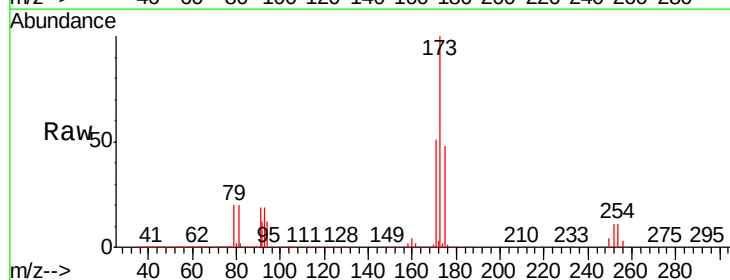
Tgt Ion:173 Resp: 197966

Ion Ratio Lower Upper

173 100

175 48.5 24.7 74.1

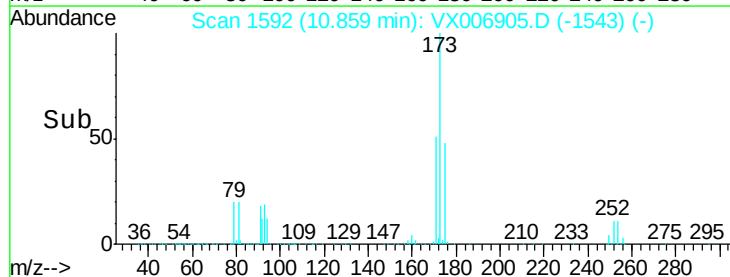
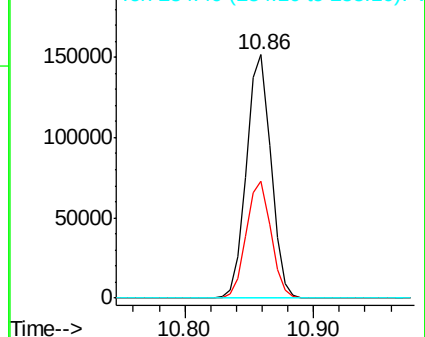
254 0.2 0.2 0.2

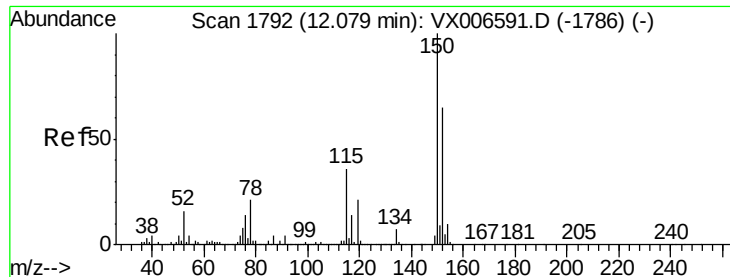


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V

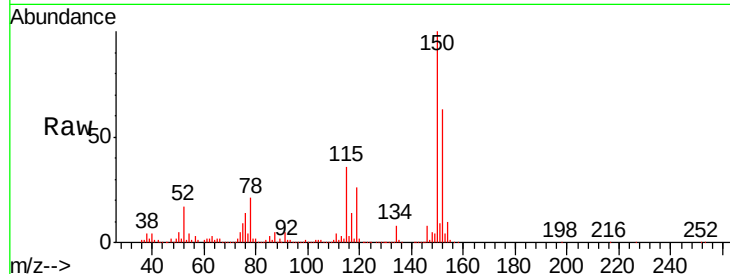




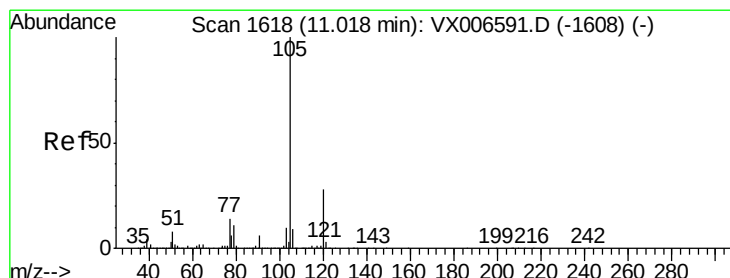
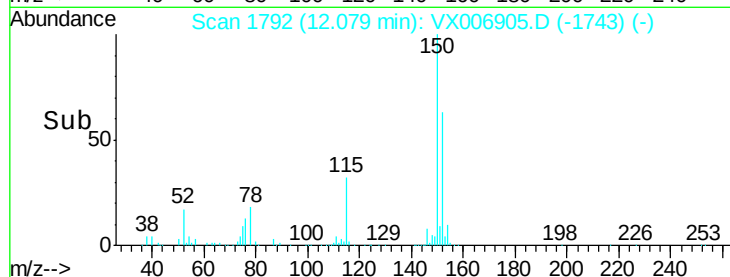
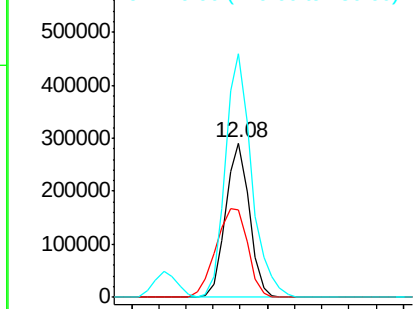
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX006905.D
 Acq: 03 Jan 2019 19:51

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0645MS

Tgt Ion:152 Resp: 351864
 Ion Ratio Lower Upper
 152 100
 115 76.9 39.1 117.2
 150 174.7 0.0 344.8

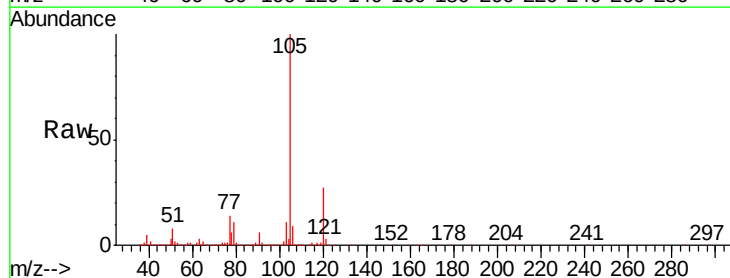


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

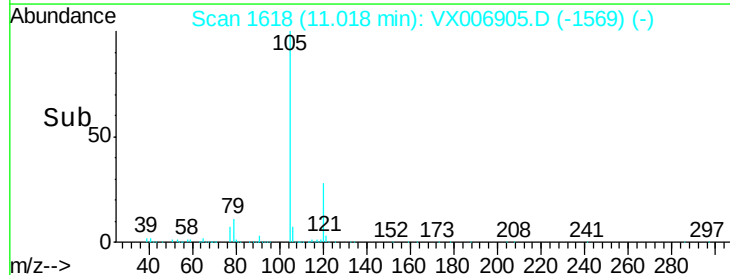
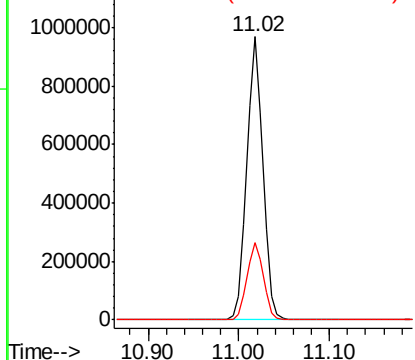


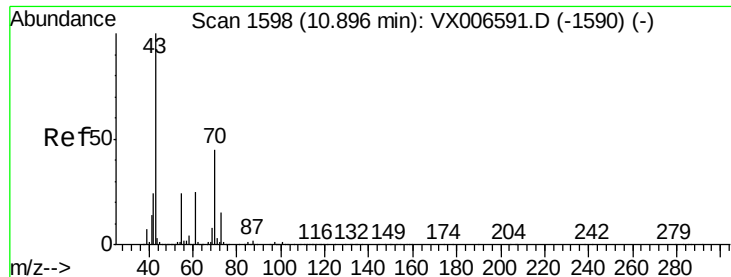
#73
 Isopropylbenzene
 Concen: 49.489 ug/l
 RT: 11.02 min Scan# 1618
 Delta R.T. -0.00 min
 Lab File: VX006905.D
 Acq: 03 Jan 2019 19:51

Tgt Ion:105 Resp: 1191282
 Ion Ratio Lower Upper
 105 100
 120 27.8 14.1 42.4



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





#74

N-ethyl acetate

Concen: 54.856 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006905.D

Acq: 03 Jan 2019 19:51

Instrument :

MSVOA_X

ClientSampled :

S32-0645MS

Tgt Ion: 43 Resp: 472650

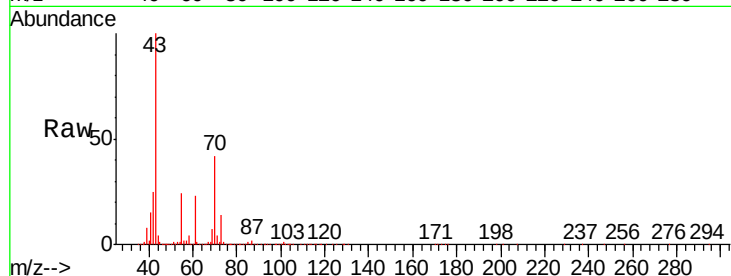
Ion Ratio Lower Upper

43 100

70 42.9 35.8 53.8

55 24.1 19.4 29.0

61 24.4 20.1 30.1

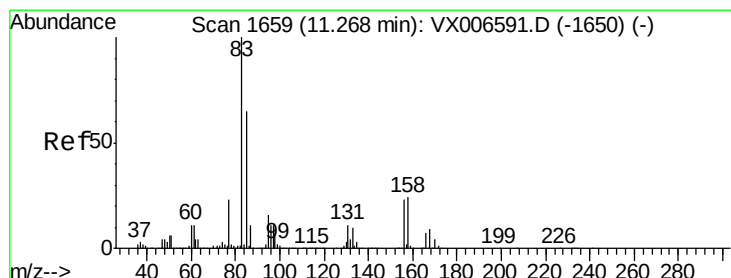
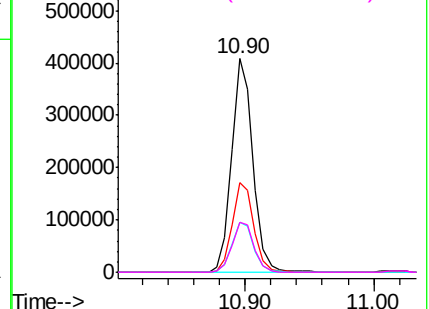
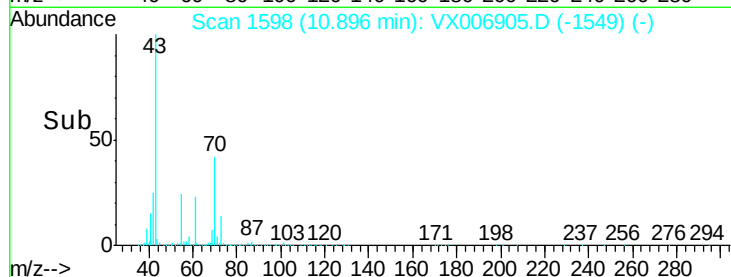


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 54.652 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006905.D

Acq: 03 Jan 2019 19:51

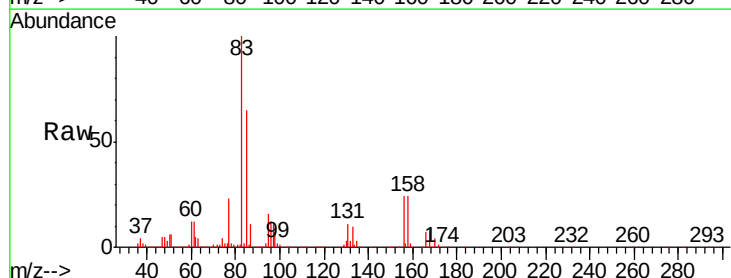
Tgt Ion: 83 Resp: 391254

Ion Ratio Lower Upper

83 100

131 11.4 5.7 17.1

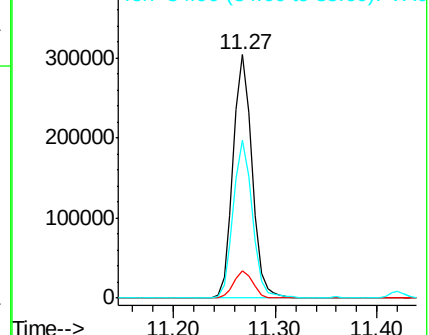
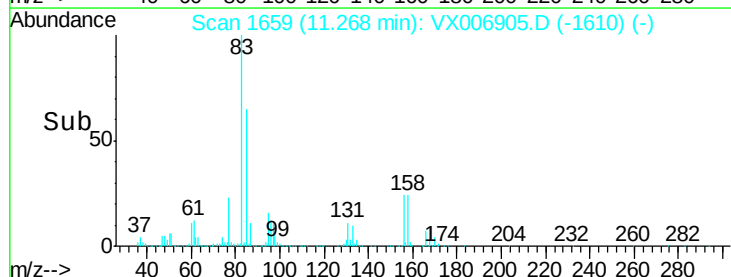
85 65.3 32.2 96.6

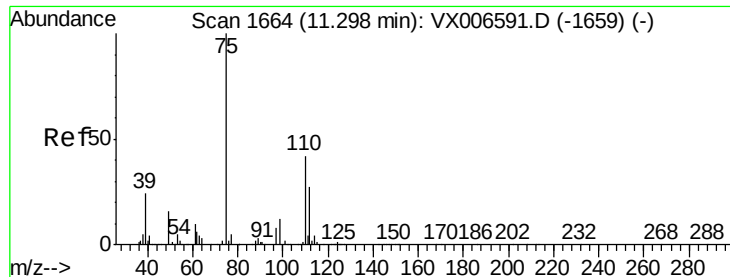


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

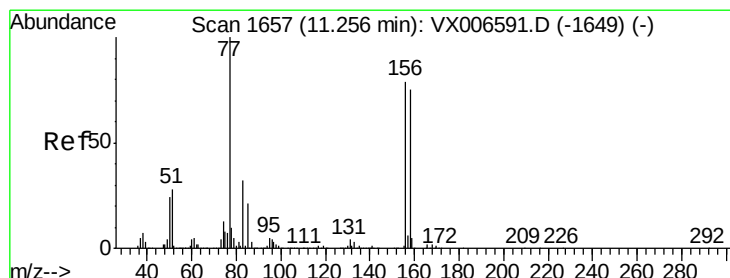
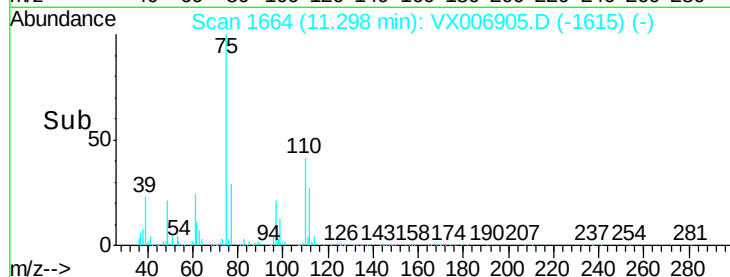
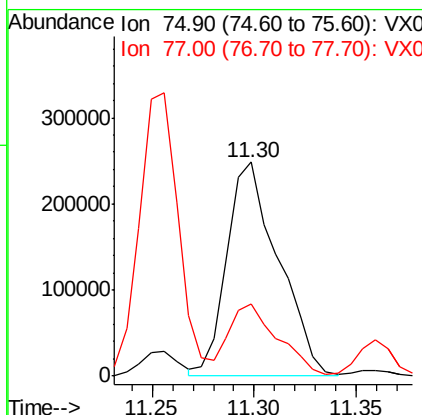
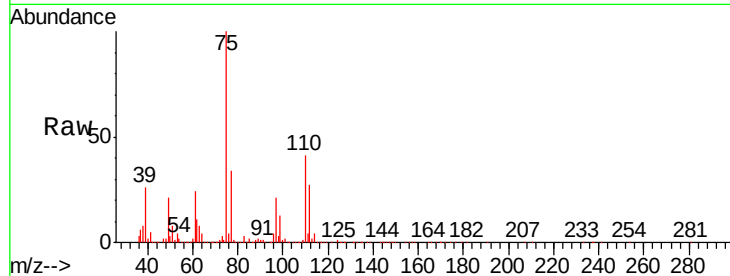




#76
 1,2,3-Trichloropropane
 Concen: 66.489 ug/l
 RT: 11.30 min Scan# 1664
 Delta R.T. 0.00 min
 Lab File: VX006905.D
 Acq: 03 Jan 2019 19:51

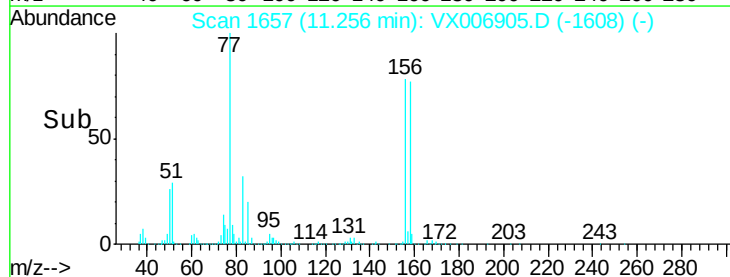
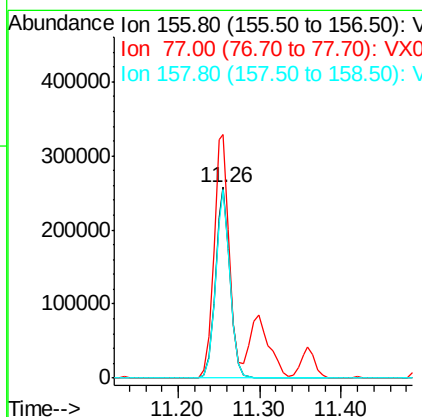
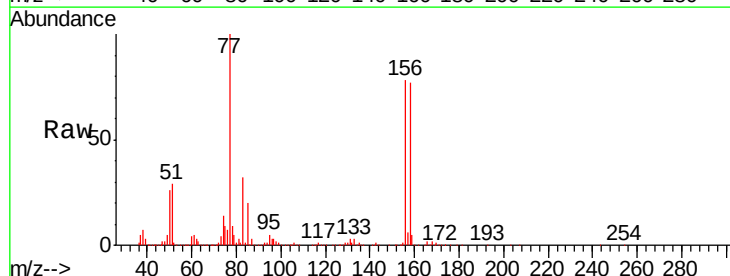
Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0645MS

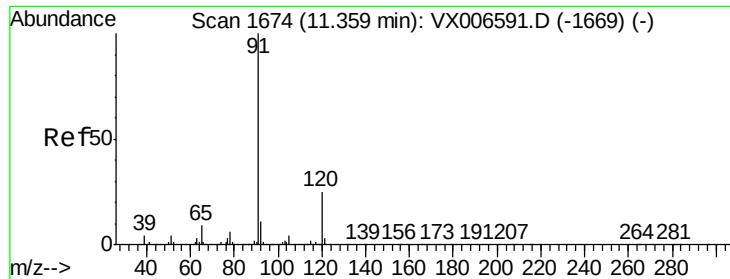
Tgt Ion: 75 Resp: 434780
 Ion Ratio Lower Upper
 75 100
 77 31.6 18.5 55.5



#77
 Bromobenzene
 Concen: 49.985 ug/l
 RT: 11.26 min Scan# 1657
 Delta R.T. -0.00 min
 Lab File: VX006905.D
 Acq: 03 Jan 2019 19:51

Tgt Ion: 156 Resp: 325296
 Ion Ratio Lower Upper
 156 100
 77 135.1 68.0 204.0
 158 98.2 48.3 144.8





#78

n-propylbenzene

Concen: 49.435 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006905.D

Acq: 03 Jan 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

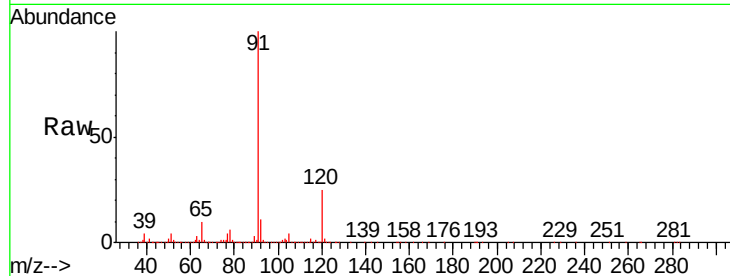
S32-0645MS

Tgt Ion: 91 Resp: 1310404

Ion Ratio Lower Upper

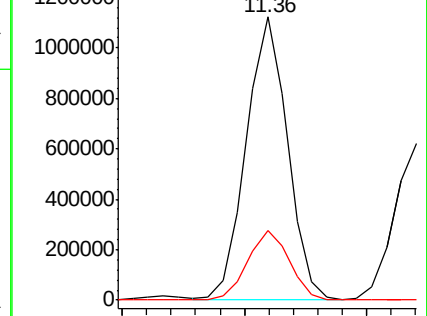
91 100

120 25.1 12.7 38.0

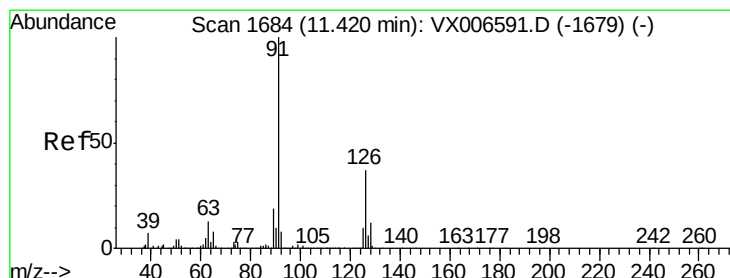
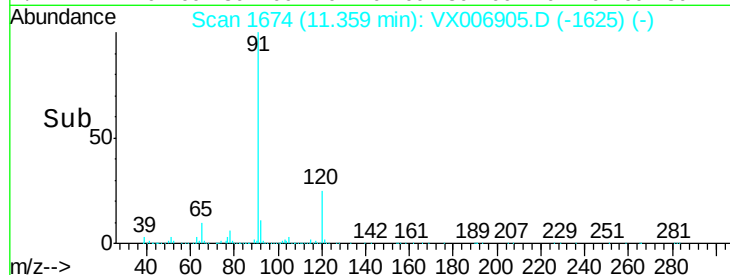


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



Time--> 11.30 11.35 11.40



#79

2-Chlorotoluene

Concen: 48.165 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006905.D

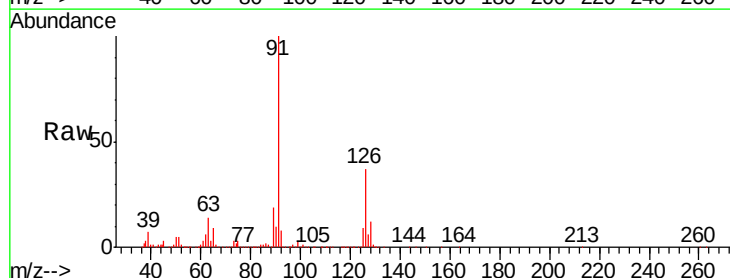
Acq: 03 Jan 2019 19:51

Tgt Ion: 91 Resp: 773724

Ion Ratio Lower Upper

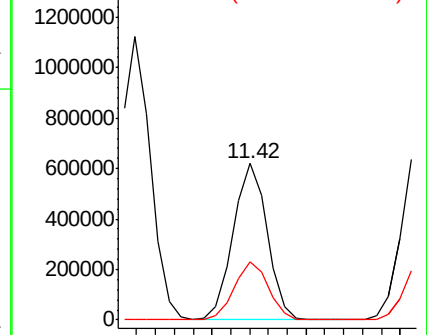
91 100

126 37.5 18.6 56.0

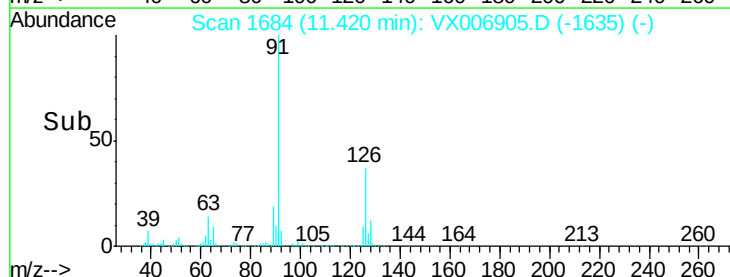


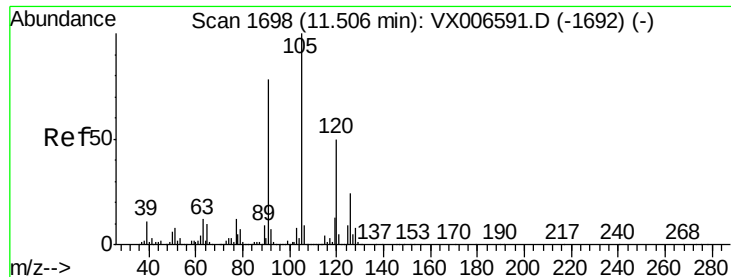
Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



Time--> 11.40 11.45

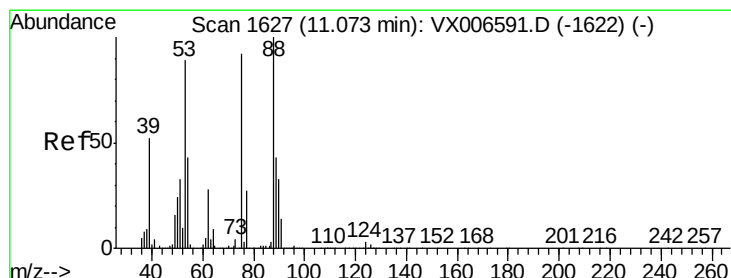
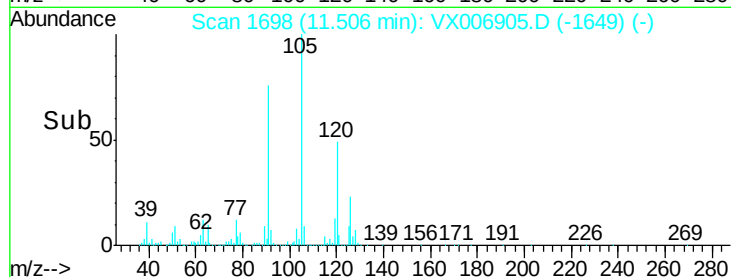
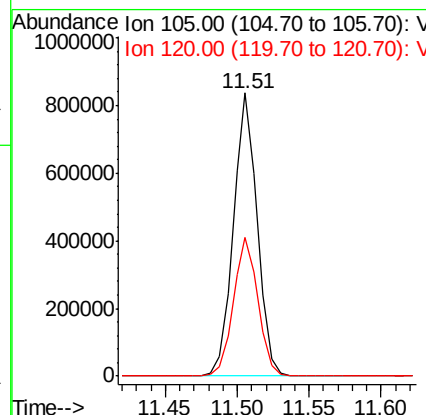
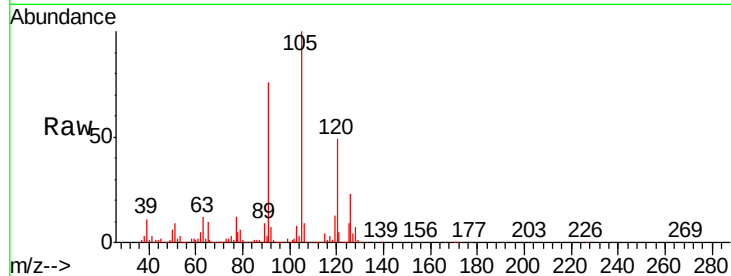




#80
 1,3,5-Trimethylbenzene
 Concen: 49.023 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX006905.D
 Acq: 03 Jan 2019 19:51

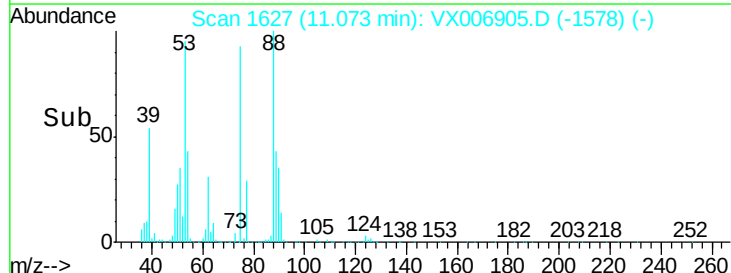
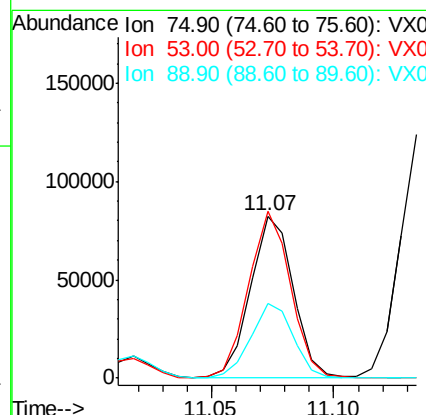
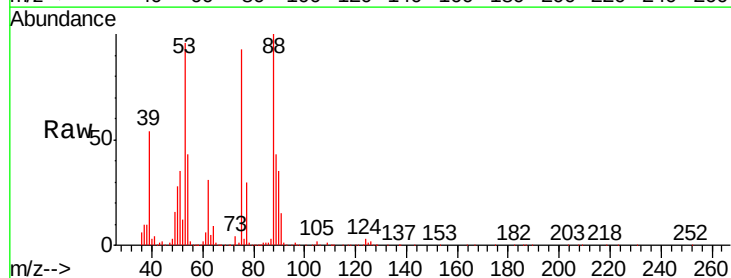
Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0645MS

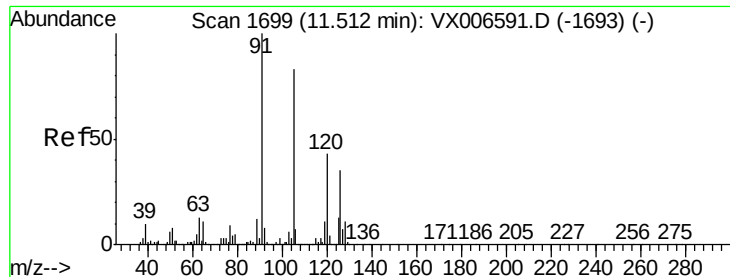
Tgt Ion: 105 Resp: 971989
 Ion Ratio Lower Upper
 105 100
 120 50.3 25.1 75.3



#81
 trans-1,4-Dichloro-2-butene
 Concen: 46.940 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX006905.D
 Acq: 03 Jan 2019 19:51

Tgt Ion: 75 Resp: 100252
 Ion Ratio Lower Upper
 75 100
 53 100.9 79.7 119.5
 89 46.3 38.0 57.0

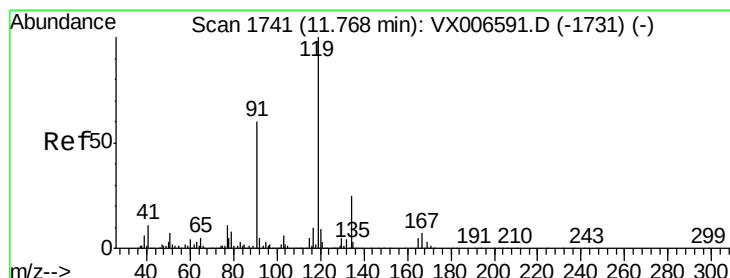
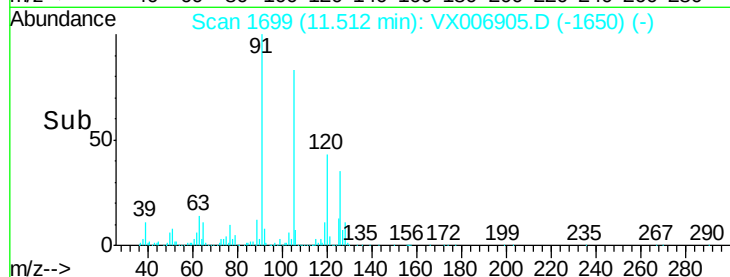
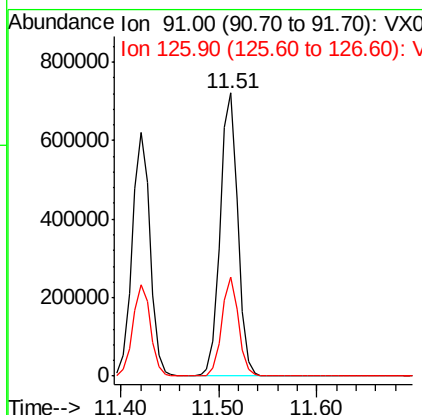
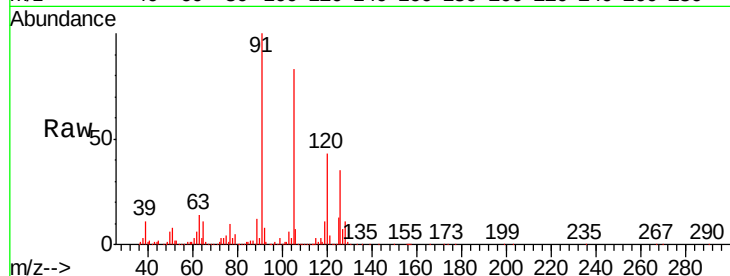




#82
4-Chlorotoluene
Concen: 48.883 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX006905.D
Acq: 03 Jan 2019 19:51

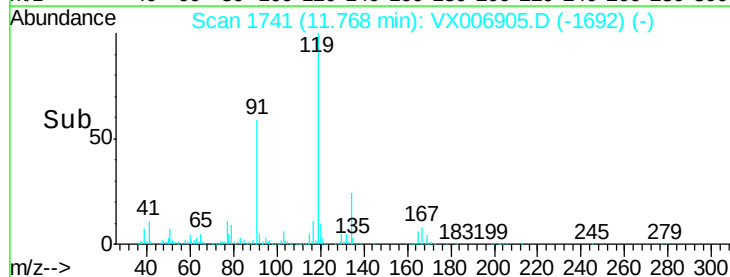
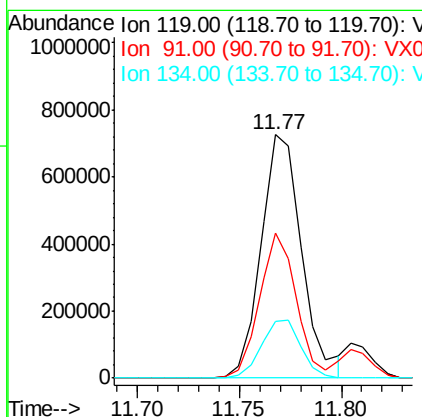
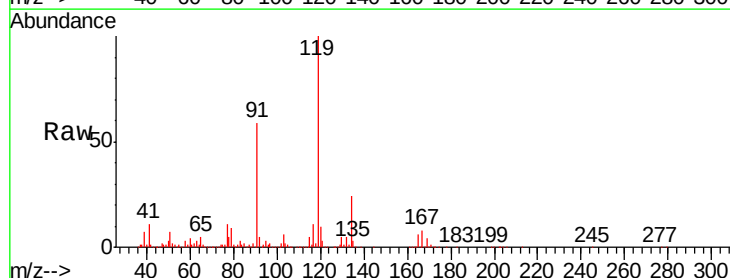
Instrument :
MSVOA_X
ClientSampled :
S32-0645MS

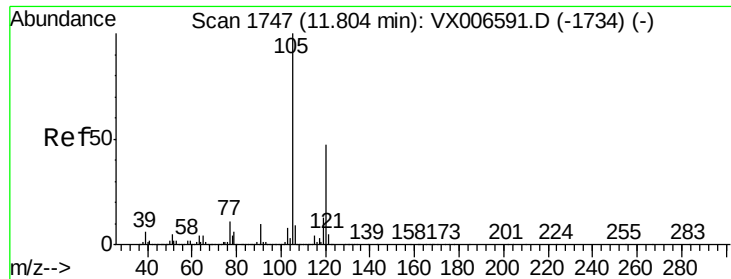
Tgt Ion: 91 Resp: 900743
Ion Ratio Lower Upper
91 100
126 32.8 16.3 48.9



#83
tert-Butylbenzene
Concen: 50.812 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX006905.D
Acq: 03 Jan 2019 19:51

Tgt Ion: 119 Resp: 1008296
Ion Ratio Lower Upper
119 100
91 53.8 27.7 83.1
134 23.2 11.9 35.5

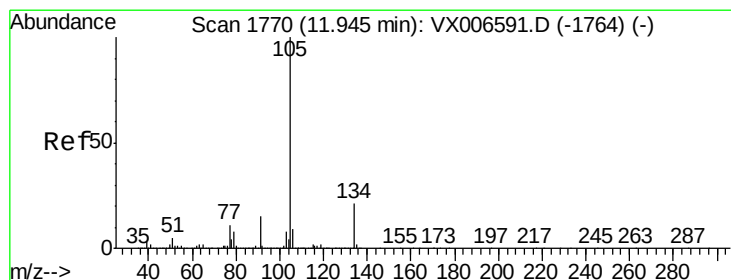
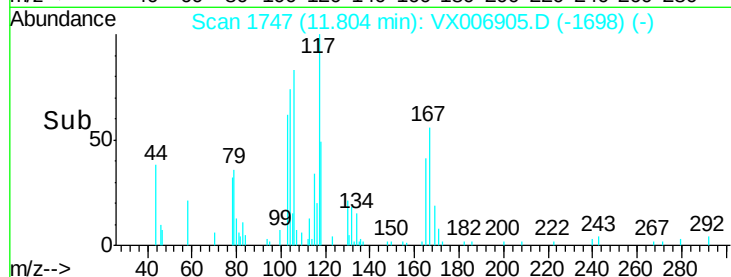
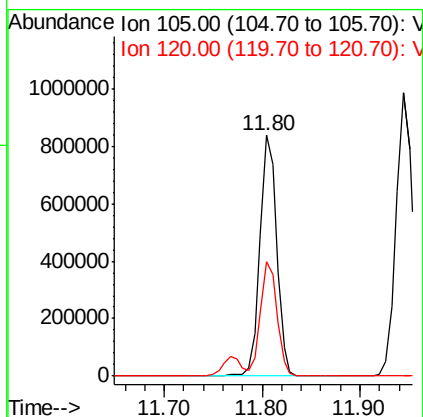
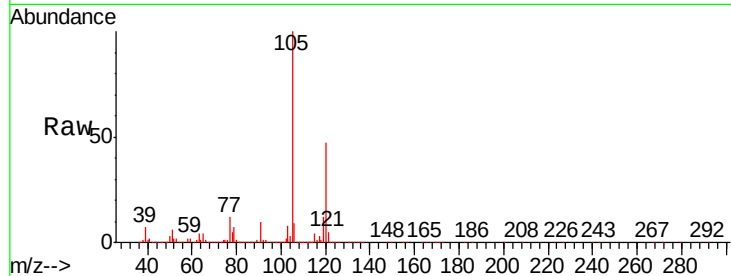




#84
 1,2,4-Trimethylbenzene
 Concen: 48.132 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX006905.D
 Acq: 03 Jan 2019 19:51

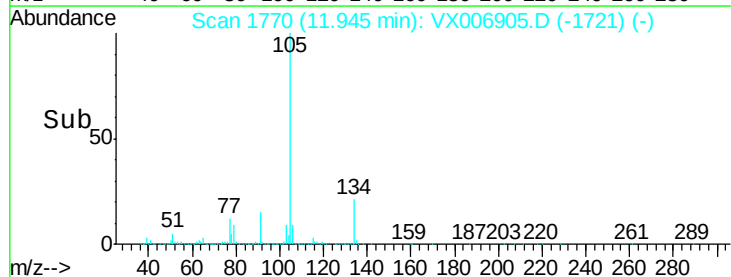
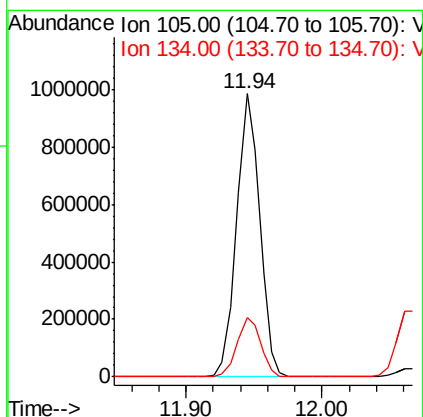
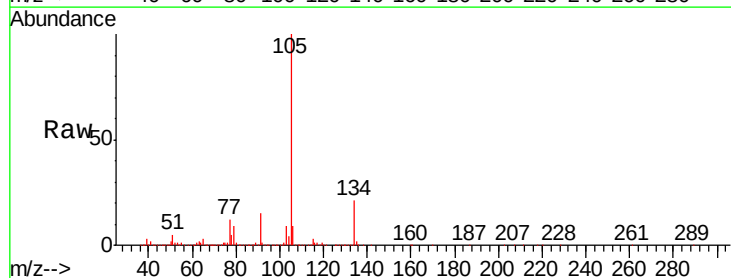
Instrument :
 MSVOA_X
 ClientSampled :
 S32-0645MS

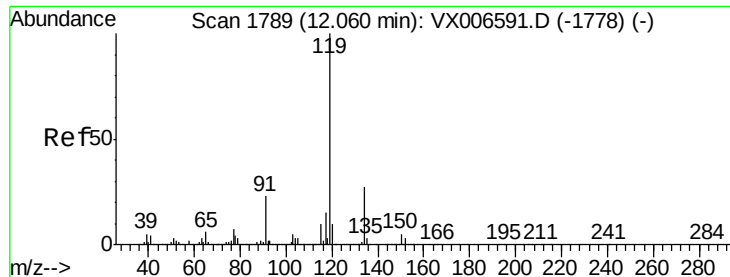
Tgt Ion:105 Resp: 1003770
 Ion Ratio Lower Upper
 105 100
 120 46.6 23.2 69.6



#85
 sec-Butylbenzene
 Concen: 47.820 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX006905.D
 Acq: 03 Jan 2019 19:51

Tgt Ion:105 Resp: 1163432
 Ion Ratio Lower Upper
 105 100
 134 21.5 10.7 31.9





#86

p-Isopropyltoluene

Concen: 48.485 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX006905.D

Acq: 03 Jan 2019 19:51

Instrument :

MSVOA_X

ClientSampled :

S32-0645MS

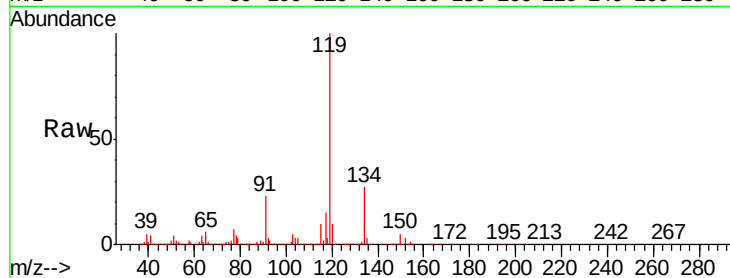
Tgt Ion:119 Resp: 1036933

Ion Ratio Lower Upper

119 100

134 27.5 14.0 41.9

91 22.3 11.3 33.9

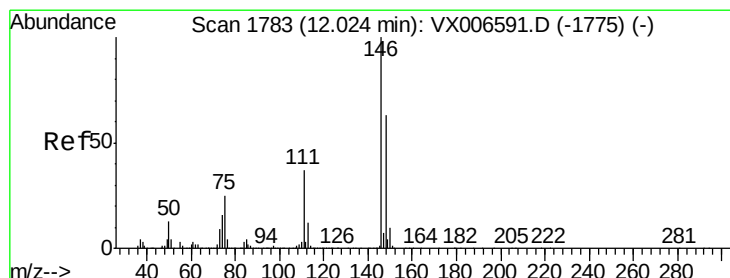
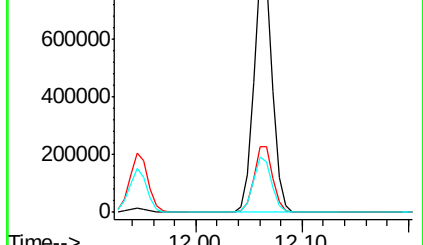
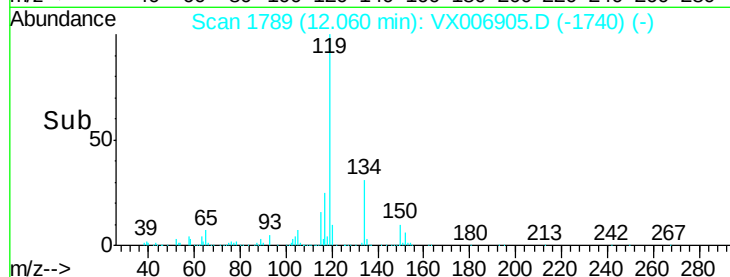


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

Time-->



#87

1,3-Dichlorobenzene

Concen: 48.564 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX006905.D

Acq: 03 Jan 2019 19:51

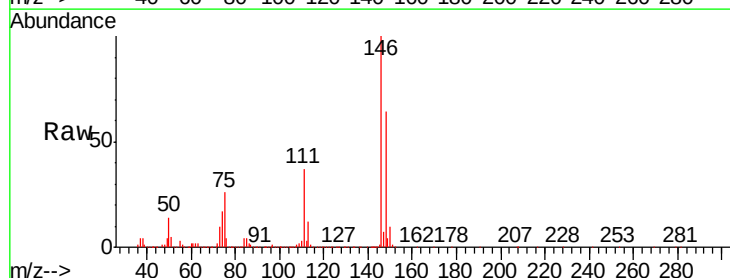
Tgt Ion:146 Resp: 569605

Ion Ratio Lower Upper

146 100

111 36.7 18.6 55.8

148 65.1 31.8 95.3

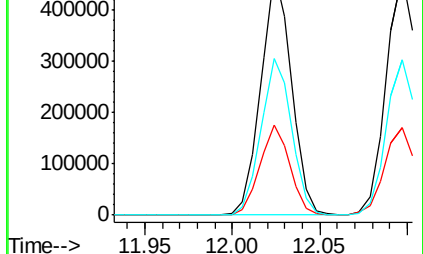
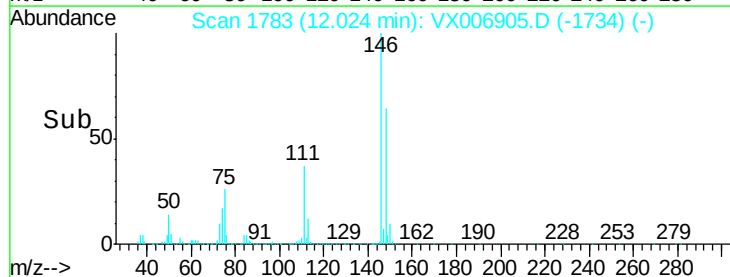


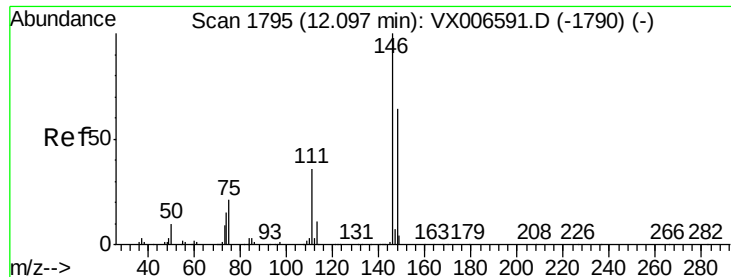
Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

Time-->

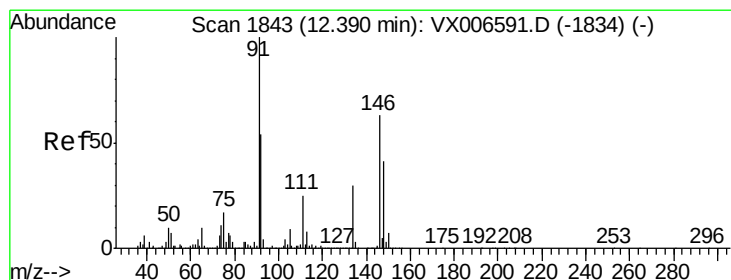
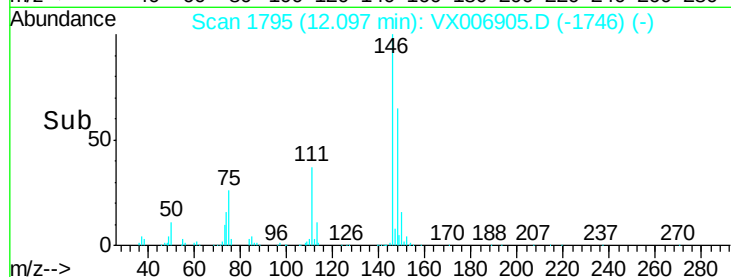
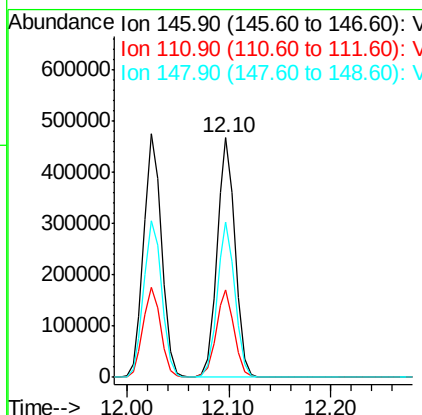
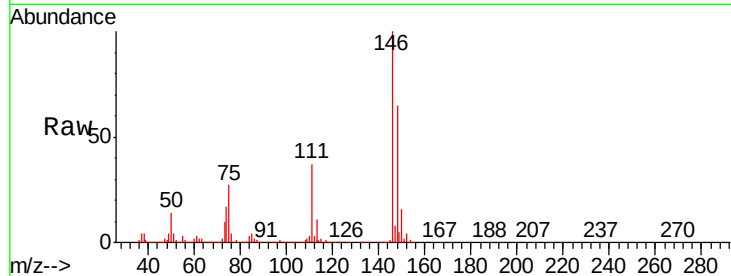




#88
 1,4-Dichlorobenzene
 Concen: 48.164 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006905.D
 Acq: 03 Jan 2019 19:51

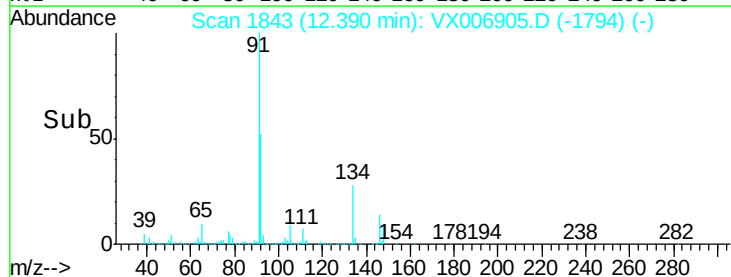
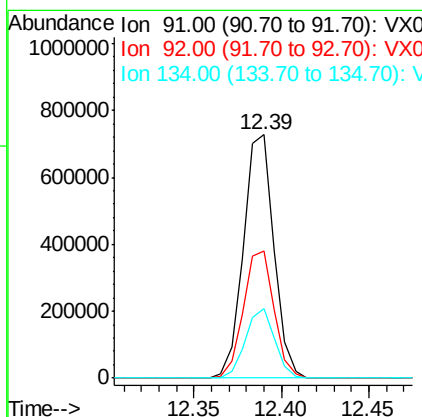
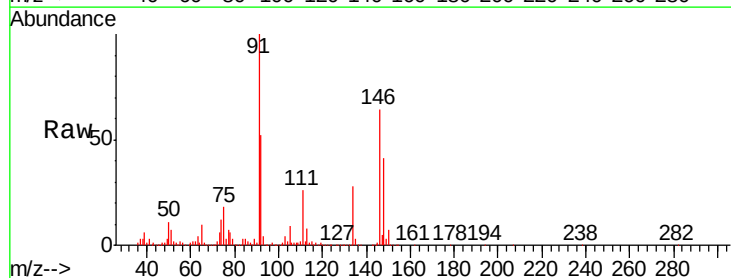
Instrument :
 MSVOA_X
 ClientSampled :
 S32-0645MS

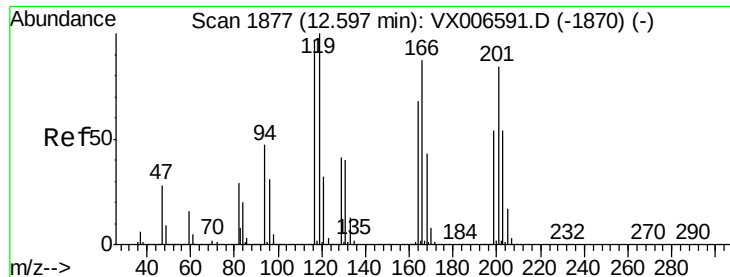
Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.1	54.1
148	63.8	31.9	95.9



#89
 n-Butylbenzene
 Concen: 48.212 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX006905.D
 Acq: 03 Jan 2019 19:51

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.8	80.4
134	27.6	14.4	43.2





#90

Hexachloroethane

Concen: 47.833 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX006905.D

Acq: 03 Jan 2019 19:51

Instrument :

MSVOA_X

ClientSampled :

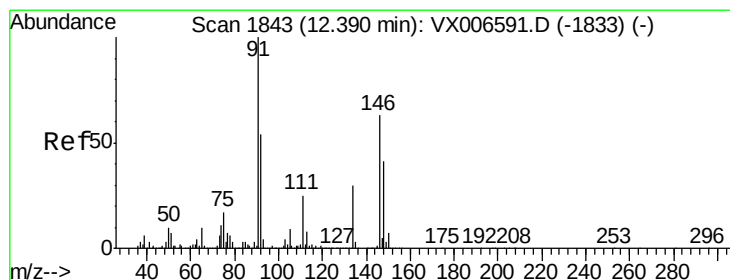
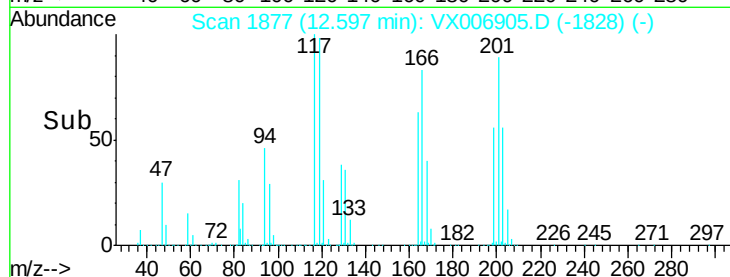
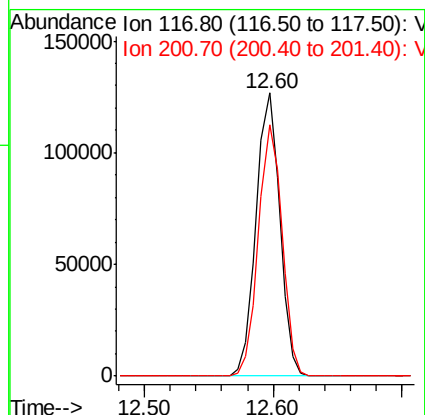
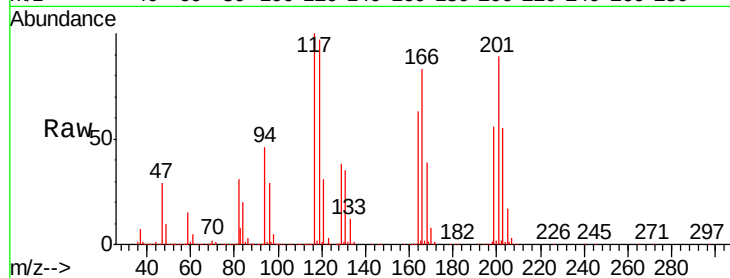
S32-0645MS

Tgt Ion:117 Resp: 159591

Ion Ratio Lower Upper

117 100

201 89.2 42.9 128.7



#91

1,2-Dichlorobenzene

Concen: 49.745 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX006905.D

Acq: 03 Jan 2019 19:51

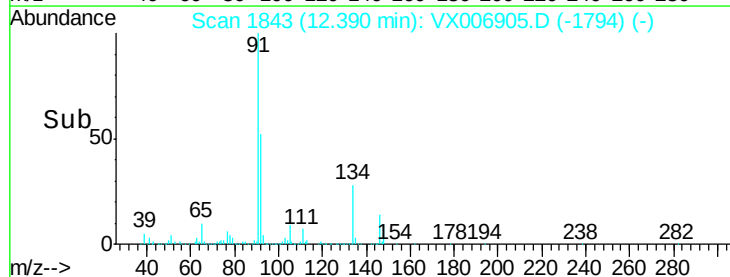
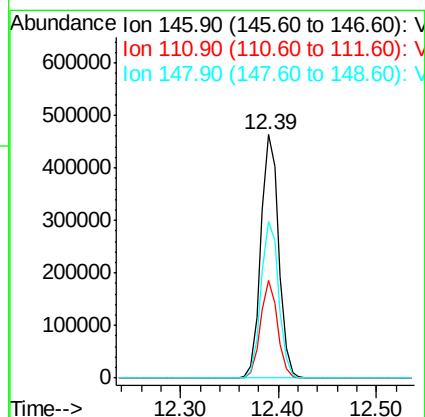
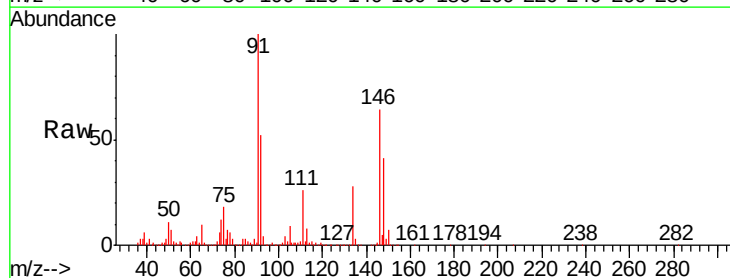
Tgt Ion:146 Resp: 583655

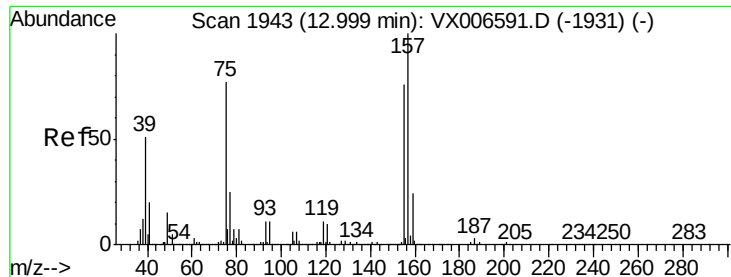
Ion Ratio Lower Upper

146 100

111 38.3 19.4 58.2

148 64.2 32.3 96.9





#92

1,2-Dibromo-3-Chloropropane

Concen: 53.636 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX006905.D

Acq: 03 Jan 2019 19:51

Instrument :

MSVOA_X

ClientSampled :

S32-0645MS

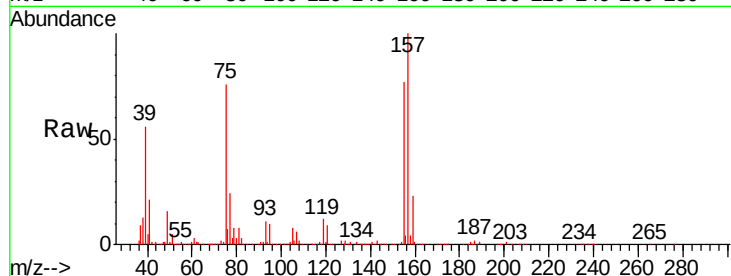
Tgt Ion: 75 Resp: 79451

Ion Ratio Lower Upper

75 100

155 102.9 50.6 151.8

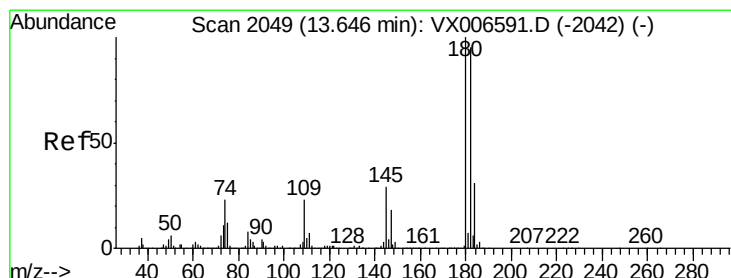
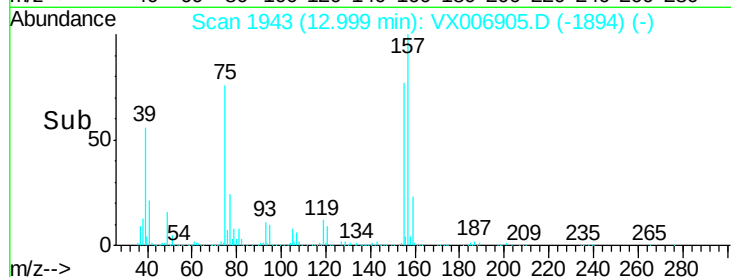
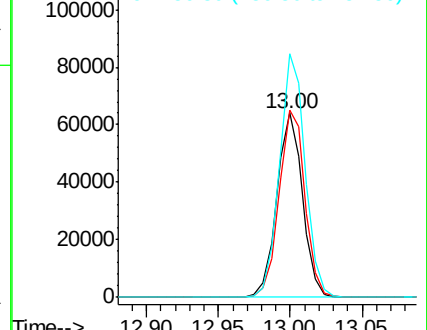
157 132.0 64.6 193.8



Abundance Ion 74.90 (74.60 to 75.60): VX006905.D (-1894) (-)

Ion 154.80 (154.50 to 155.50): VX006905.D (-1894) (-)

Ion 156.80 (156.50 to 157.50): VX006905.D (-1894) (-)



#93

1,2,4-Trichlorobenzene

Concen: 48.542 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX006905.D

Acq: 03 Jan 2019 19:51

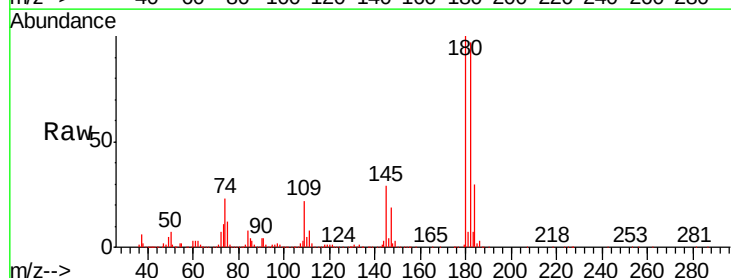
Tgt Ion: 180 Resp: 392866

Ion Ratio Lower Upper

180 100

182 95.9 47.3 142.0

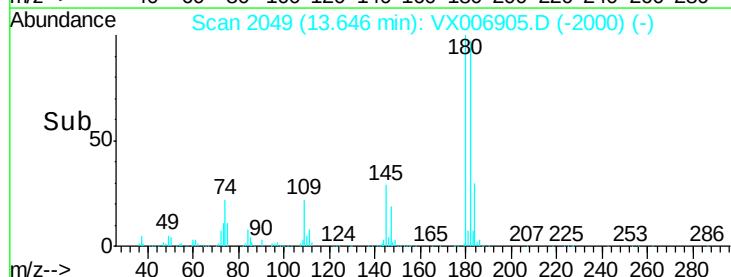
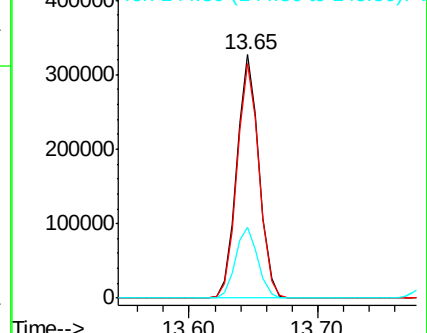
145 29.3 14.8 44.3

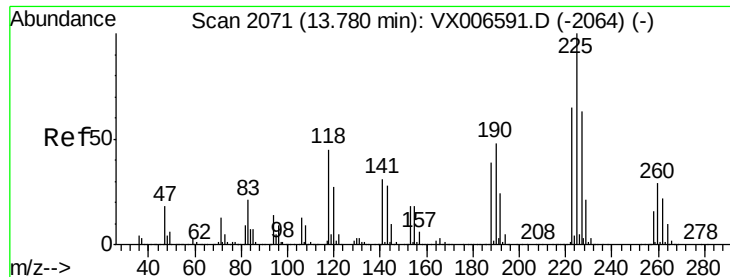


Abundance Ion 179.80 (179.50 to 180.50): VX006905.D (-2000) (-)

Ion 181.80 (181.50 to 182.50): VX006905.D (-2000) (-)

Ion 144.80 (144.50 to 145.50): VX006905.D (-2000) (-)





#94

Hexachlorobutadiene

Concen: 42.011 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VX006905.D

Acq: 03 Jan 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

S32-0645MS

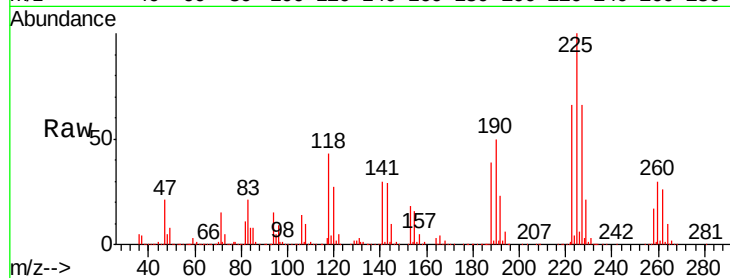
Tgt Ion:225 Resp: 160261

Ion Ratio Lower Upper

225 100

223 63.6 32.1 96.3

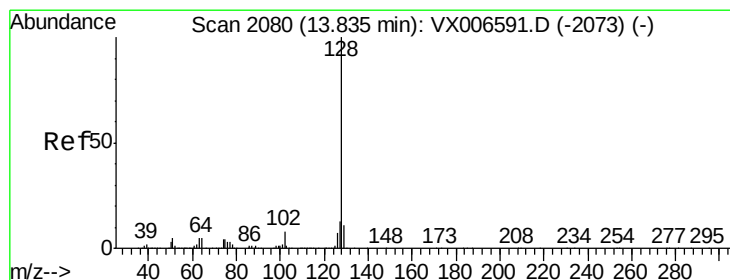
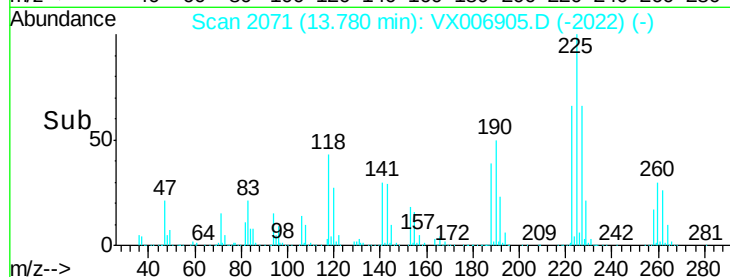
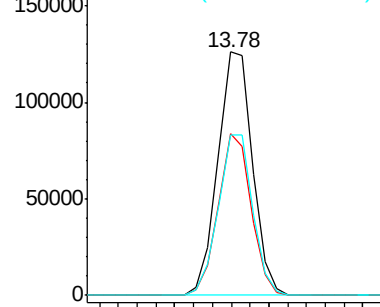
227 65.8 32.3 96.8



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: 49.246 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006905.D

Acq: 03 Jan 2019 19:51

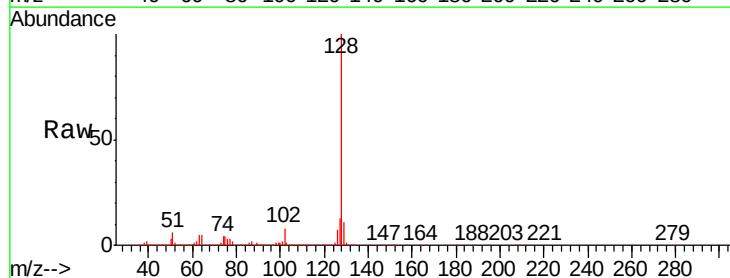
Tgt Ion:128 Resp: 1272065

Ion Ratio Lower Upper

128 100

127 12.9 10.1 15.1

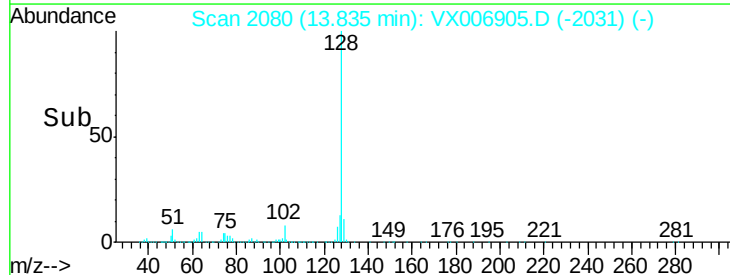
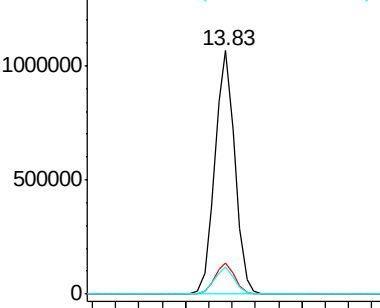
129 10.9 8.6 13.0

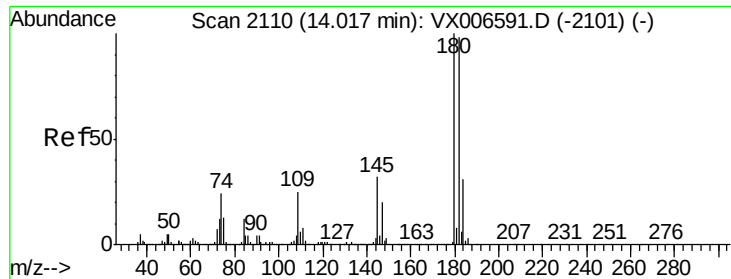


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 47.381 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: VX006905.D
 Acq: 03 Jan 2019 19:51

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0645MS

Tgt Ion:	180	Resp:	395923
Ion Ratio	Lower	Upper	
180	100		
182	94.9	48.5	145.5
145	30.4	16.0	47.9

