

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082819\
 Data File : VX011873.D
 Acq On : 28 Aug 2019 12:53
 Operator : SY/SP
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Aug 28 14:10:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 28 12:26:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	361455	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	504715	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	468522	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	253803	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	489867	134.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	268.00%	
35) Dibromofluoromethane	5.48	113	462478	155.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	311.24%	
50) Toluene-d8	8.71	98	1697833	137.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	274.04%	
62) 4-Bromofluorobenzene	11.13	95	624931	136.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	273.58%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	318603	104.432	ug/l	99
3) Chloromethane	1.32	50	389801	101.642	ug/l	100
4) Vinyl Chloride	1.40	62	380280	92.185	ug/l	100
5) Bromomethane	1.63	94	218190	87.865	ug/l	99
6) Chloroethane	1.70	64	225785	82.770	ug/l	98
7) Trichlorofluoromethane	1.92	101	626481	115.816	ug/l	100
8) Diethyl Ether	2.18	74	200923	98.282	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	413888	120.617	ug/l	99
10) Methyl Iodide	2.50	142	490131	124.239	ug/l	99
11) Tert butyl alcohol	3.04	59	170667	288.318	ug/l	98
12) 1,1-Dichloroethene	2.36	96	414458	128.285	ug/l	100
13) Acrolein	2.28	56	101662	524.932	ug/l	97
14) Allyl chloride	2.71	41	684320	119.488	ug/l	100
15) Acrylonitrile	3.13	53	546581	363.082	ug/l	99
16) Acetone	2.43	43	652937	467.600	ug/l	99
17) Carbon Disulfide	2.56	76	1235639	117.548	ug/l	100
18) Methyl Acetate	2.76	43	341134	86.935	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	1151976	130.995	ug/l	98
20) Methylene Chloride	2.84	84	458633	107.132	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	464643	131.254	ug/l	98
22) Diisopropyl ether	3.84	45	1389361	134.386	ug/l	97
23) Vinyl Acetate	3.80	43	3201430	429.345	ug/l	98
24) 1,1-Dichloroethane	3.68	63	812352	134.734	ug/l	99
25) 2-Butanone	4.66	43	761944	374.313	ug/l	96
26) 2,2-Dichloropropane	4.57	77	642996	135.408	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	533977	139.969	ug/l	99
28) Bromochloromethane	5.00	49	346585	128.150	ug/l	98
29) Tetrahydrofuran	5.12	42	456054	351.560	ug/l	99
30) Chloroform	5.20	83	843801	142.026	ug/l	99
31) Cyclohexane	5.57	56	681624	117.036	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	761734	149.178	ug/l	99
36) 1,1-Dichloropropene	5.79	75	630672	133.430	ug/l	100
37) Ethyl Acetate	4.82	43	287473	79.176	ug/l	100
38) Carbon Tetrachloride	5.78	117	632887	144.760	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082819\
 Data File : VX011873.D
 Acq On : 28 Aug 2019 12:53
 Operator : SY/SP
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Aug 28 14:10:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 28 12:26:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	745087	128.395	ug/l	100
40) Benzene	6.13	78	1823884	134.654	ug/l	100
41) Methacrylonitrile	5.03	41	195464	95.509	ug/l	99
42) 1,2-Dichloroethane	6.18	62	595824	145.641	ug/l	99
43) Isopropyl Acetate	6.43	43	569144	98.383	ug/l	100
44) Trichloroethene	7.20	130	603454	156.176	ug/l	100
45) 1,2-Dichloropropane	7.51	63	457062	137.217	ug/l	99
46) Dibromomethane	7.65	93	274870	143.198	ug/l	99
47) Bromodichloromethane	7.89	83	655670	171.407	ug/l	99
48) Methyl methacrylate	7.76	41	284131	97.916	ug/l	99
49) 1,4-Dioxane	7.73	88	59845	1021.820	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	1185241	333.379	ug/l	100
52) Toluene	8.78	92	1176119	139.199	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	575971	131.835	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	704496	144.667	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	368000	126.552	ug/l	99
56) Ethyl methacrylate	9.17	69	379917	95.114	ug/l	100
57) 1,3-Dichloropropane	9.37	76	602482	123.425	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	598387	313.152	ug/l	100
59) 2-Hexanone	9.49	43	761179	281.038	ug/l	100
60) Dibromochloromethane	9.58	129	495891	169.331	ug/l	99
61) 1,2-Dibromoethane	9.66	107	358343	120.696	ug/l	100
64) Tetrachloroethene	9.33	164	657677	178.585	ug/l	97
65) Chlorobenzene	10.13	112	1298575	132.634	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	490058	153.490	ug/l	100
67) Ethyl Benzene	10.25	91	2205534	133.412	ug/l	99
68) m/p-Xylenes	10.35	106	1690759	261.446	ug/l	98
69) o-Xylene	10.69	106	809751	134.850	ug/l	98
70) Styrene	10.71	104	1368879	135.502	ug/l	100
71) Bromoform	10.85	173	335368	152.769	ug/l #	98
73) Isopropylbenzene	11.01	105	2118286	133.319	ug/l	99
74) N-amyl acetate	6.43	43	569144	101.060	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	366841	88.806	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	286784m	81.977	ug/l	
77) Bromobenzene	11.25	156	602540	145.458	ug/l	99
78) n-propylbenzene	11.35	91	2374693	123.367	ug/l	99
79) 2-Chlorotoluene	11.41	91	1455549	133.188	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1792475	132.169	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	81726	69.197	ug/l	97
82) 4-Chlorotoluene	11.51	91	1691691	127.622	ug/l	99
83) tert-Butylbenzene	11.77	119	1714899	127.845	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1731946	124.069	ug/l	99
85) sec-Butylbenzene	11.94	105	1974997	115.086	ug/l	100
86) p-Isopropyltoluene	12.06	119	1850595	118.646	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	1086321	129.641	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	1053055	123.176	ug/l	100
89) n-Butylbenzene	12.38	91	1530514	103.099	ug/l	99
90) Hexachloroethane	12.59	117	309001	133.417	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	946923	121.346	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	52223	63.716	ug/l	98

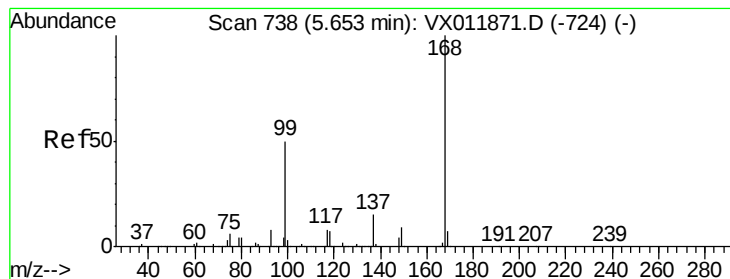
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082819\
Data File : VX011873.D
Acq On : 28 Aug 2019 12:53
Operator : SY/SP
Sample : VSTDICC150
Misc : 5.00g/5.0mL/MSVOA X/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Quant Time: Aug 28 14:10:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082819S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 28 12:26:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	681824	110.144	ug/l	100
94) Hexachlorobutadiene	13.78	225	488888	123.496	ug/l	99
95) Naphthalene	13.83	128	861865	65.153	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	558520	99.394	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.00 min

Lab File: VX011873.D

Acq: 28 Aug 2019 12:53

Instrument :

MSVOA_X

ClientSampleId :

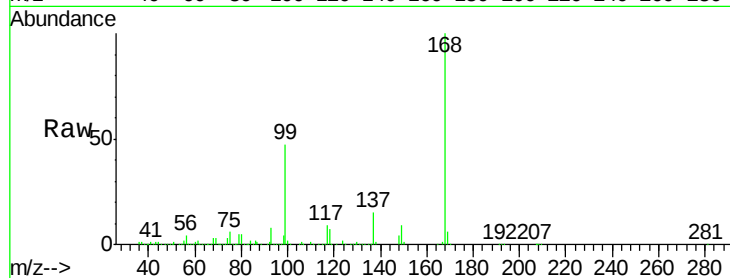
VSTDIC150

Tot Ion:168 Resp: 361455

Ion Ratio Lower Upper

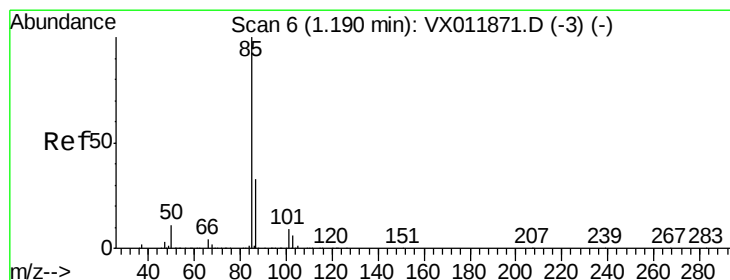
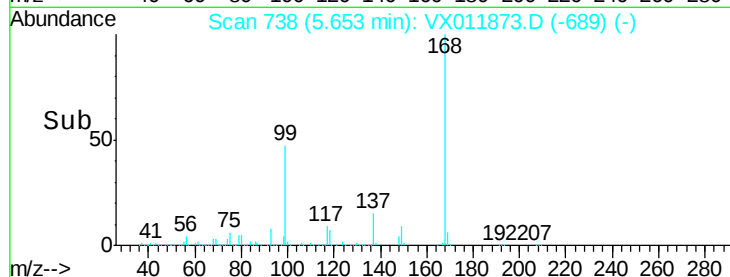
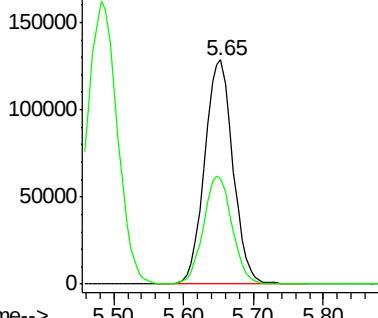
168 100

99 46.5 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 104.432 ug/l

RT: 1.19 min Scan# 6

Delta R.T. -0.00 min

Lab File: VX011873.D

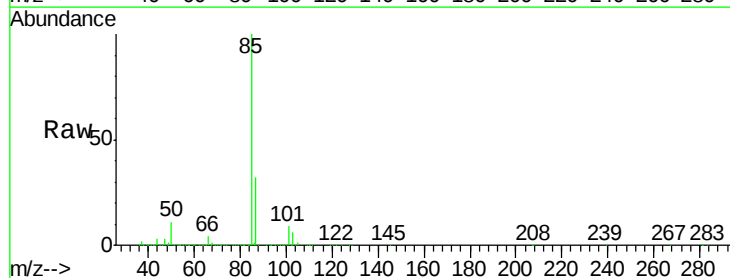
Acq: 28 Aug 2019 12:53

Tgt Ion: 85 Resp: 318603

Ion Ratio Lower Upper

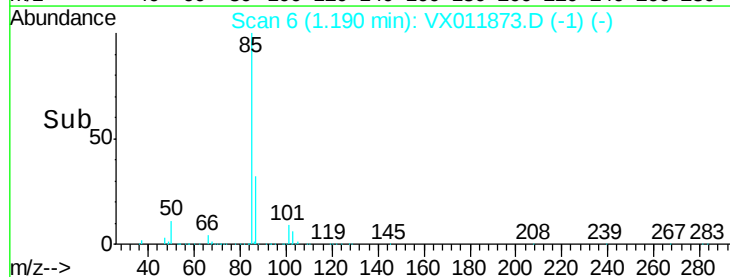
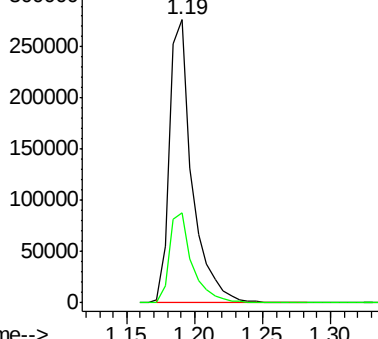
85 100

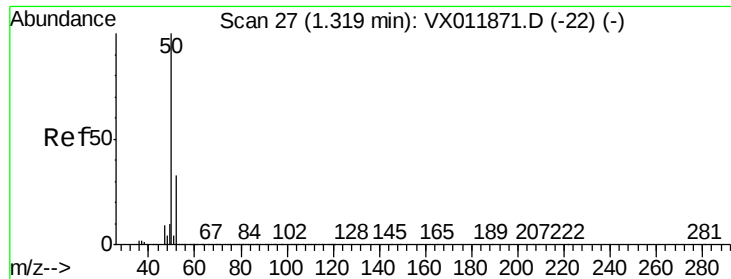
87 32.0 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 101.642 ug/l

RT: 1.32 min Scan# 27

Delta R.T. -0.00 min

Lab File: VX011873.D

Acq: 28 Aug 2019 12:53

Instrument :

MSVOA_X

ClientSampleId :

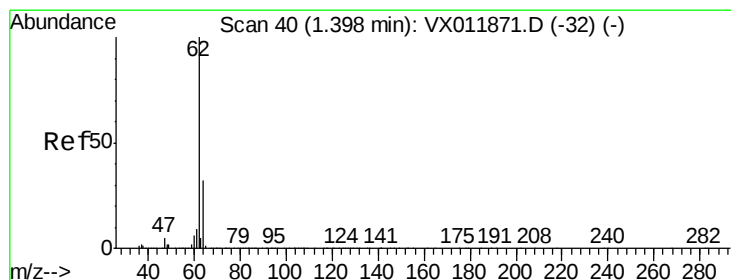
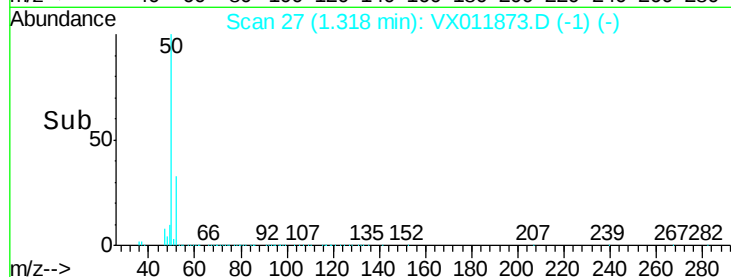
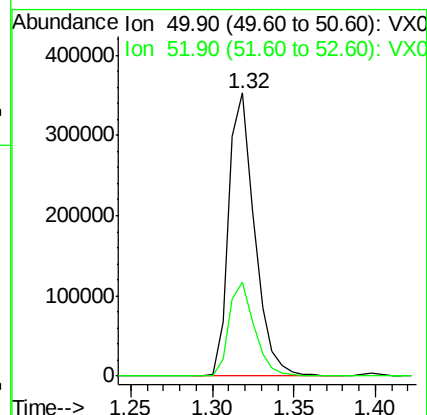
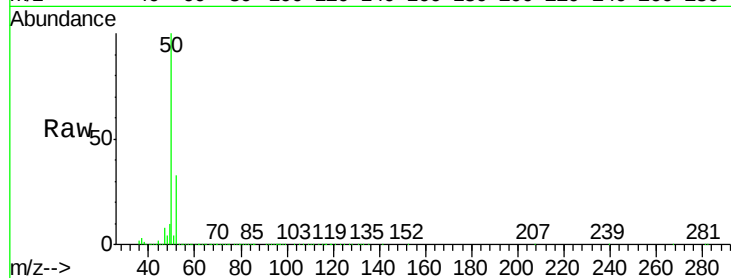
VSTDIC150

Tot Ion: 50 Resp: 389801

Ion Ratio Lower Upper

50 100

52 32.9 26.5 39.7



#4

Vinyl Chloride

Concen: 92.185 ug/l

RT: 1.40 min Scan# 40

Delta R.T. -0.00 min

Lab File: VX011873.D

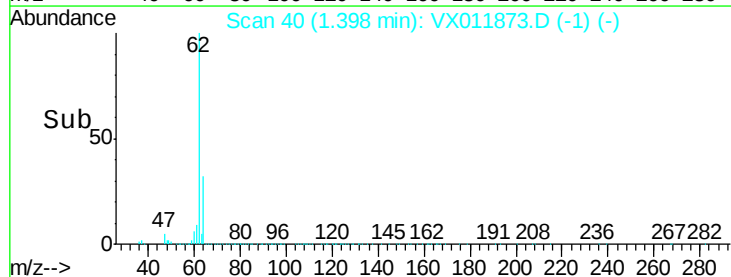
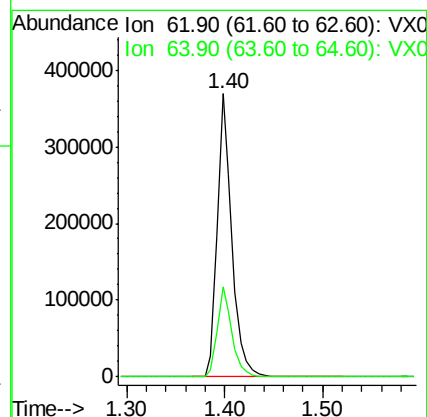
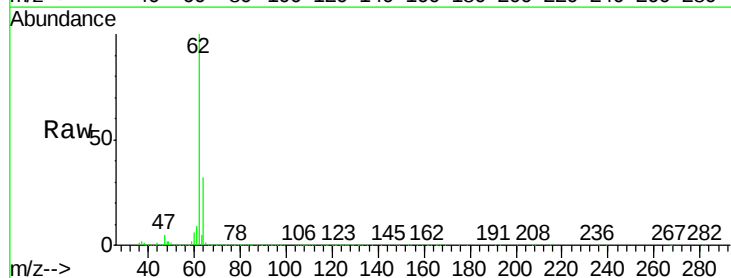
Acq: 28 Aug 2019 12:53

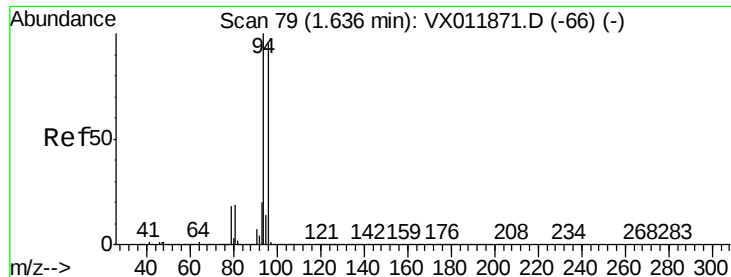
Tgt Ion: 62 Resp: 380280

Ion Ratio Lower Upper

62 100

64 31.9 25.3 37.9





#5

Bromomethane

Concen: 87.865 ug/l

RT: 1.63 min Scan# 78

Delta R.T. -0.01 min

Lab File: VX011873.D

Acq: 28 Aug 2019 12:53

Instrument :

MSVOA_X

ClientSampleId :

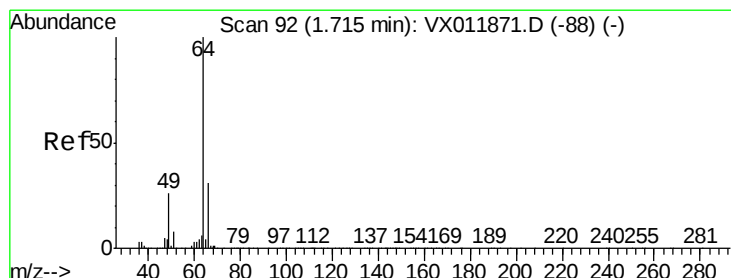
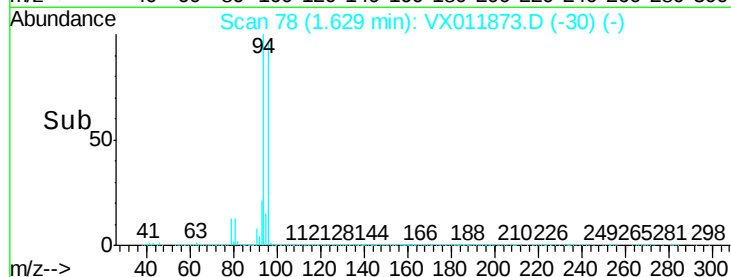
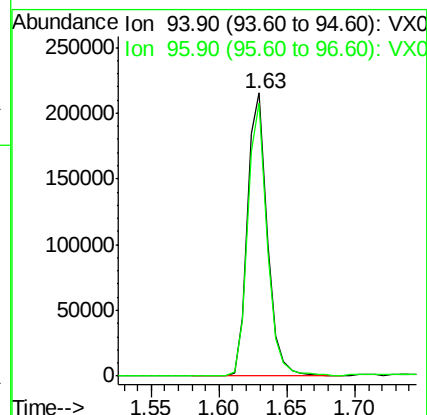
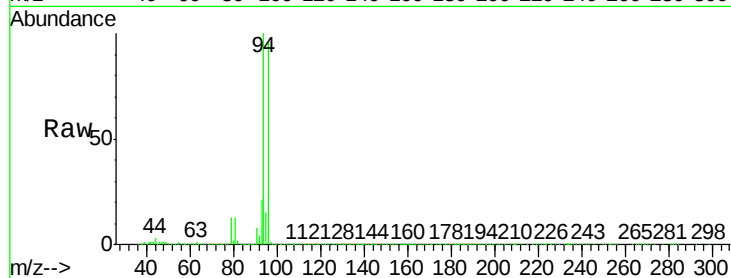
VSTDIC150

Tot Ion: 94 Resp: 218190

Ion Ratio Lower Upper

94 100

96 96.2 76.0 114.0



#6

Chloroethane

Concen: 82.770 ug/l

RT: 1.70 min Scan# 90

Delta R.T. -0.01 min

Lab File: VX011873.D

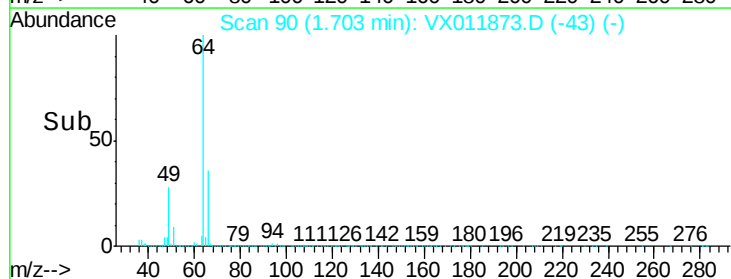
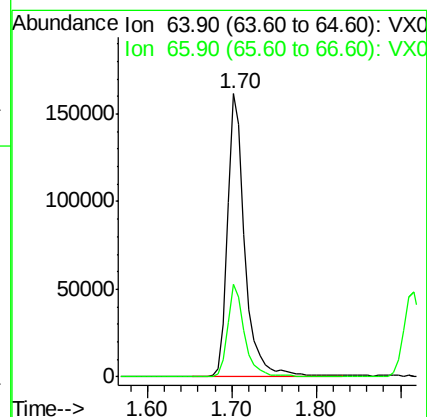
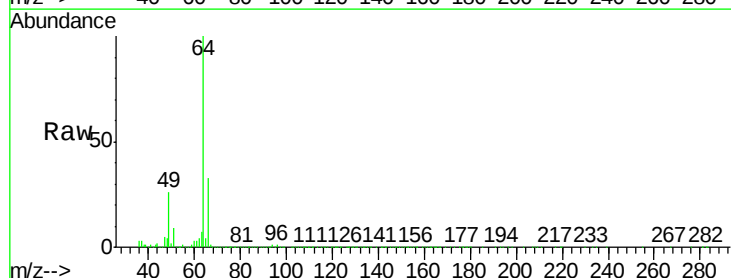
Acq: 28 Aug 2019 12:53

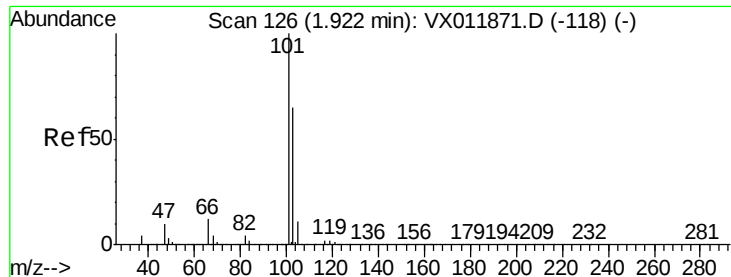
Tgt Ion: 64 Resp: 225785

Ion Ratio Lower Upper

64 100

66 32.6 25.0 37.4



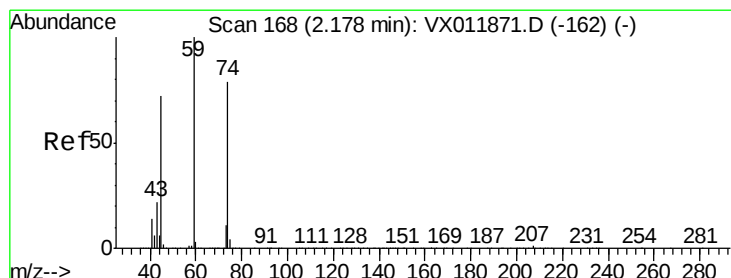
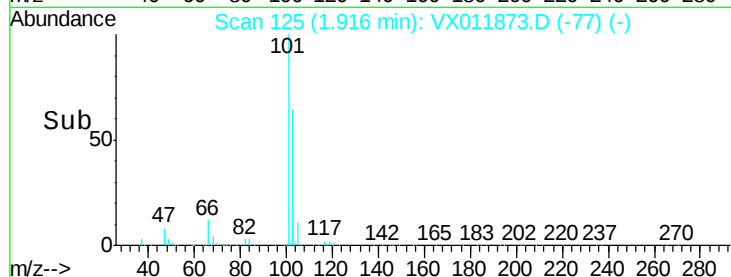
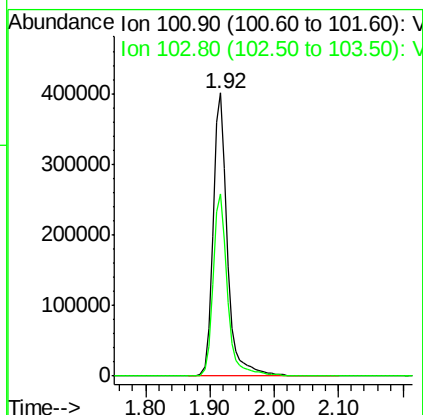
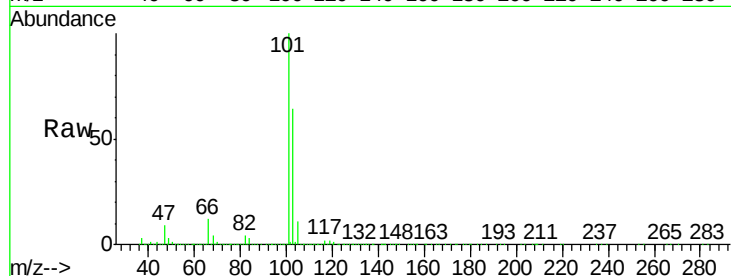


#7

Trichlorofluoromethane
Concen: 115.816 ug/l
RT: 1.92 min Scan# 125
Delta R.T. -0.01 min
Lab File: VX011873.D
Acq: 28 Aug 2019 12:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

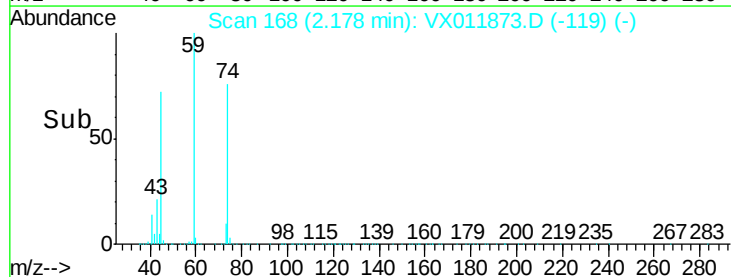
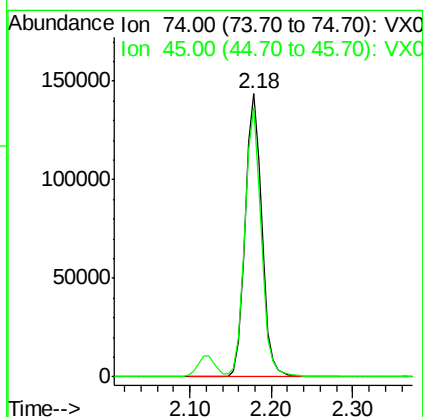
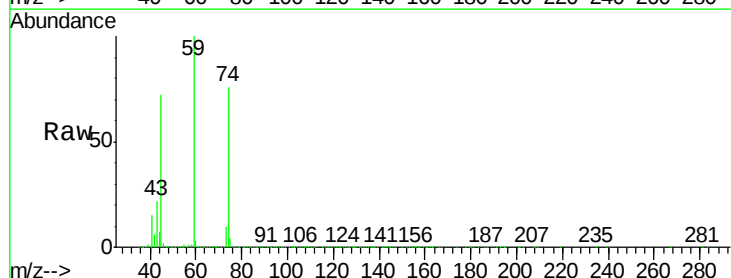
Tot Ion:101 Resp: 626481
Ion Ratio Lower Upper
101 100
103 64.4 51.8 77.8

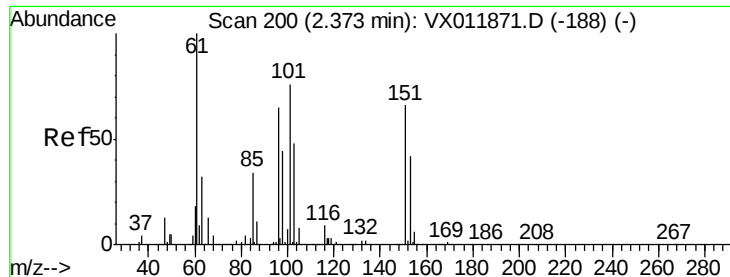


#8

Diethyl Ether
Concen: 98.282 ug/l
RT: 2.18 min Scan# 168
Delta R.T. -0.00 min
Lab File: VX011873.D
Acq: 28 Aug 2019 12:53

Tgt Ion: 74 Resp: 200923
Ion Ratio Lower Upper
74 100
45 94.1 47.1 141.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 120.617 ug/l

RT: 2.37 min Scan# 199

Delta R.T. -0.01 min

Lab File: VX011873.D

Acq: 28 Aug 2019 12:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

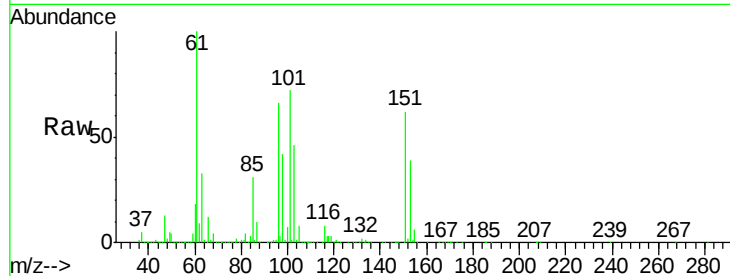
Tot Ion:101 Resp: 413888

Ion Ratio Lower Upper

101 100

85 43.2 34.5 51.7

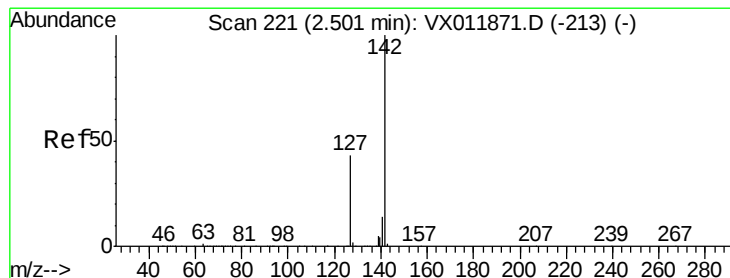
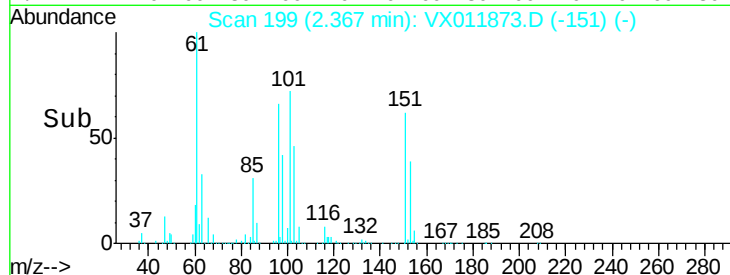
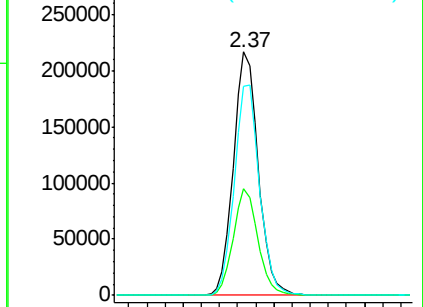
151 87.6 69.4 104.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 124.239 ug/l

RT: 2.50 min Scan# 220

Delta R.T. -0.01 min

Lab File: VX011873.D

Acq: 28 Aug 2019 12:53

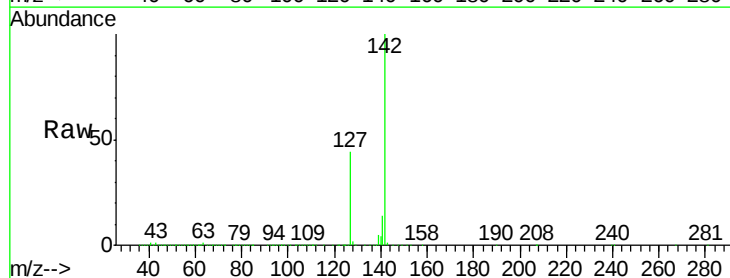
Tgt Ion:142 Resp: 490131

Ion Ratio Lower Upper

142 100

127 42.3 34.5 51.7

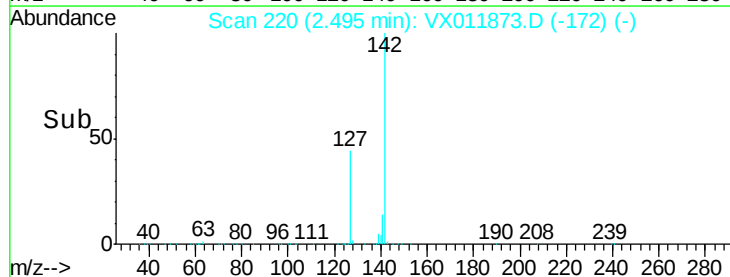
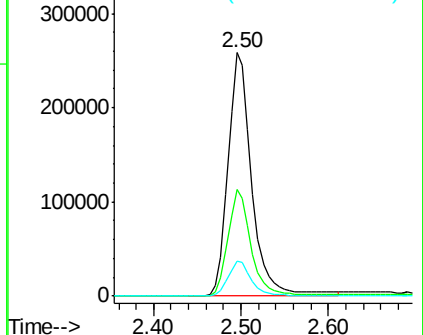
141 14.0 11.6 17.4

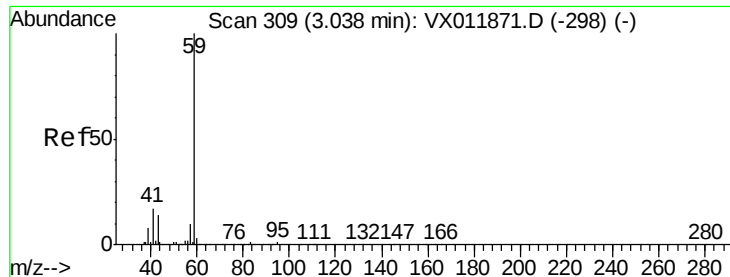


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

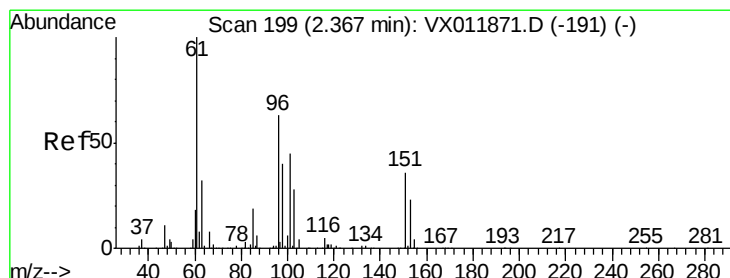
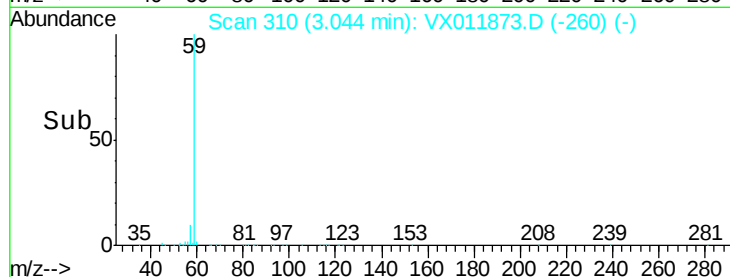
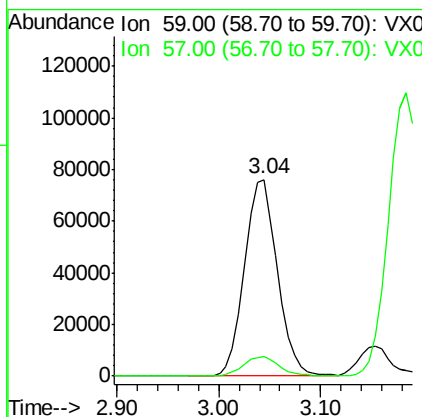
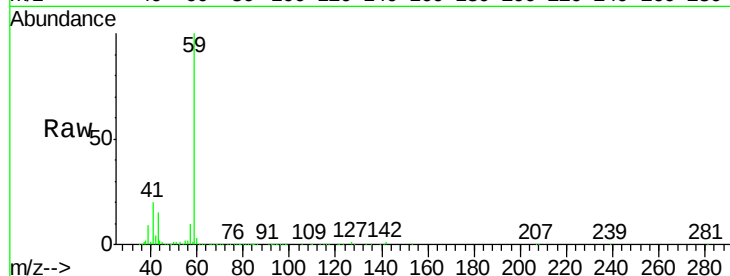




#11
Tert butyl alcohol
Concen: 288.318 ug/l
RT: 3.04 min Scan# 310
Delta R.T. 0.01 min
Lab File: VX011873.D
Acq: 28 Aug 2019 12:53

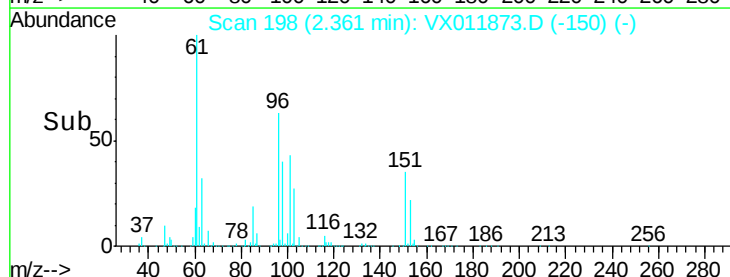
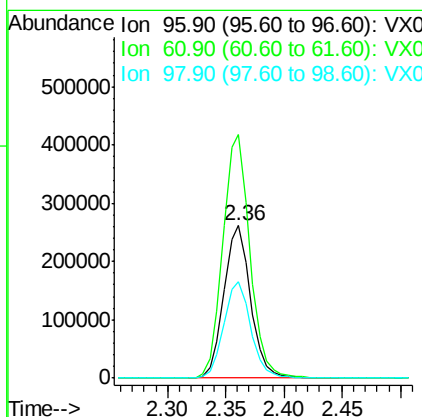
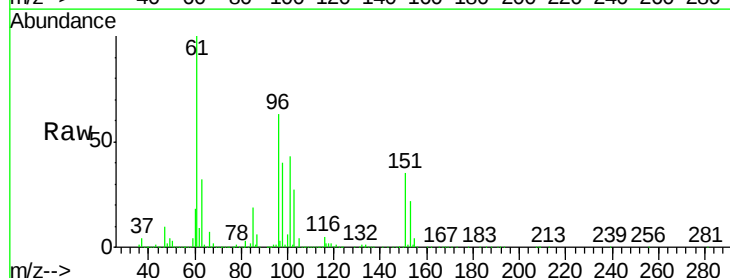
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

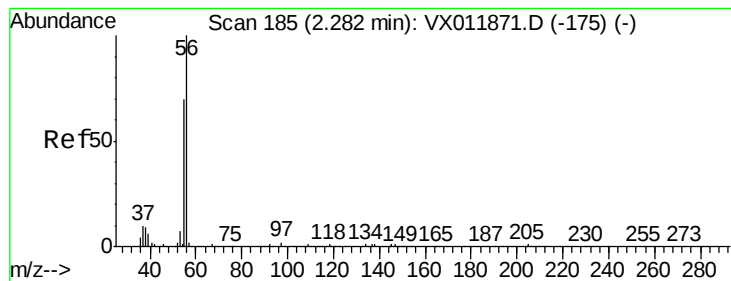
Tot Ion: 59 Resp: 170667
Ion Ratio Lower Upper
59 100
57 9.8 8.3 12.5



#12
1,1-Dichloroethene
Concen: 128.285 ug/l
RT: 2.36 min Scan# 198
Delta R.T. -0.01 min
Lab File: VX011873.D
Acq: 28 Aug 2019 12:53

Tgt Ion: 96 Resp: 414458
Ion Ratio Lower Upper
96 100
61 159.9 128.0 192.0
98 63.6 51.4 77.2





#13

Acrolein

Concen: 524.932 ug/l

RT: 2.28 min Scan# 185

Delta R.T. -0.00 min

Lab File: VX011873.D

Acq: 28 Aug 2019 12:53

Instrument :

MSVOA_X

ClientSampleId :

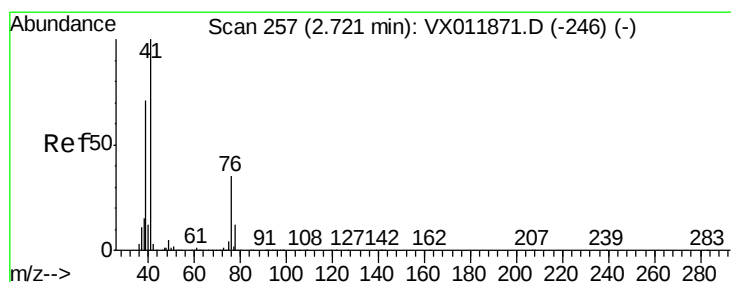
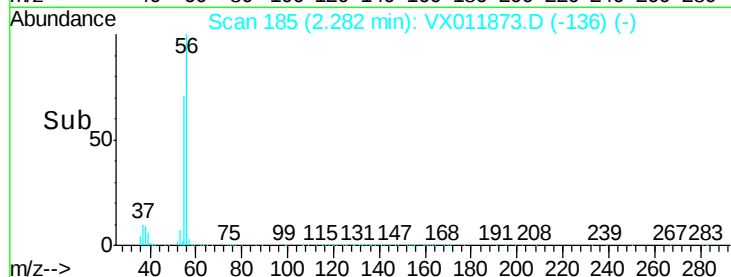
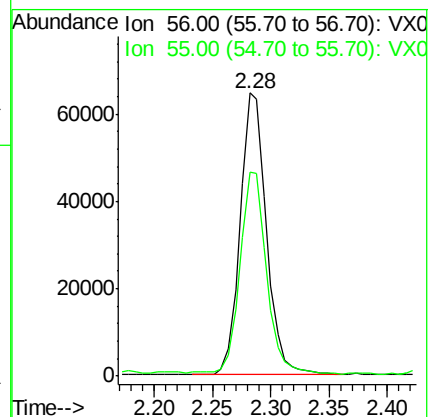
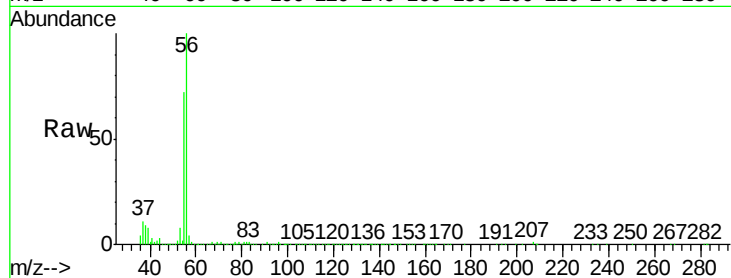
VSTDIC150

Tot Ion: 56 Resp: 101662

Ion Ratio Lower Upper

56 100

55 72.4 60.2 90.4



#14

Allyl chloride

Concen: 119.488 ug/l

RT: 2.71 min Scan# 256

Delta R.T. -0.01 min

Lab File: VX011873.D

Acq: 28 Aug 2019 12:53

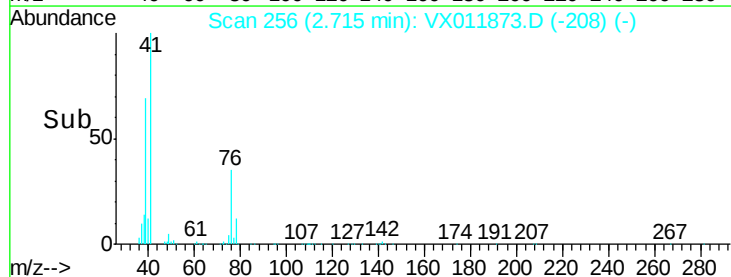
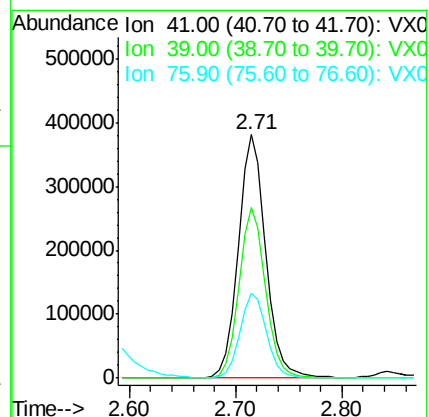
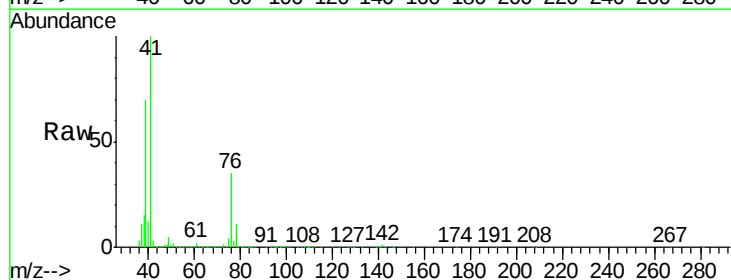
Tgt Ion: 41 Resp: 684320

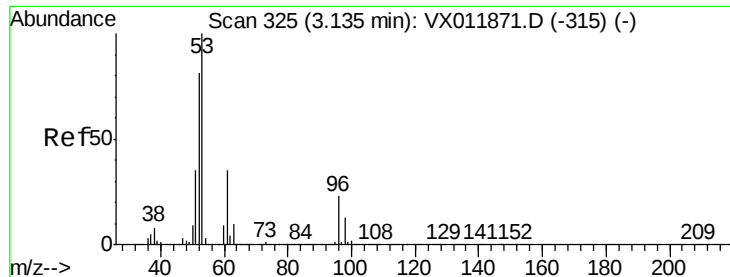
Ion Ratio Lower Upper

41 100

39 68.0 54.6 82.0

76 34.1 27.1 40.7





#15

Acrylonitrile

Concen: 363.082 ug/l

RT: 3.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VX011873.D

Acq: 28 Aug 2019 12:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

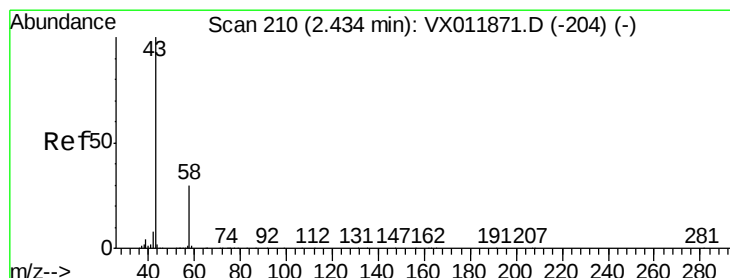
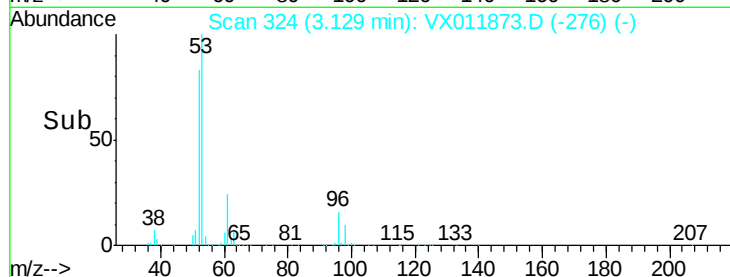
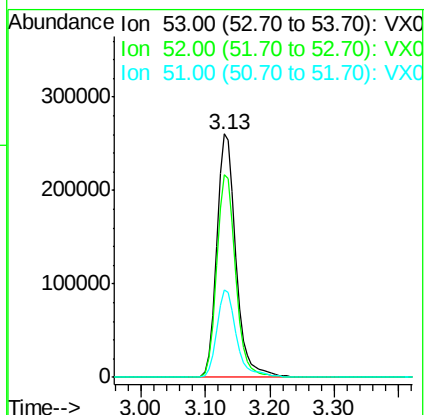
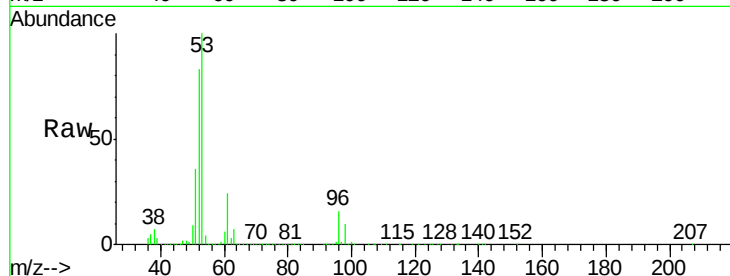
Tot Ion: 53 Resp: 546581

Ion Ratio Lower Upper

53 100

52 82.5 65.3 97.9

51 36.7 29.1 43.7



#16

Acetone

Concen: 467.600 ug/l

RT: 2.43 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX011873.D

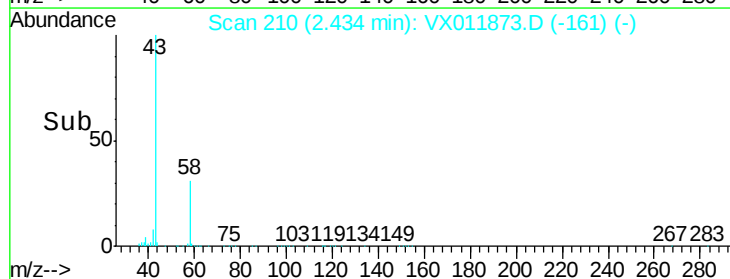
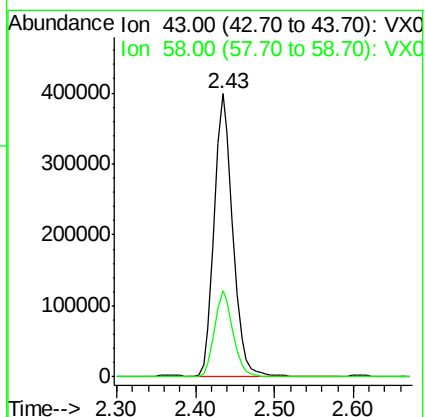
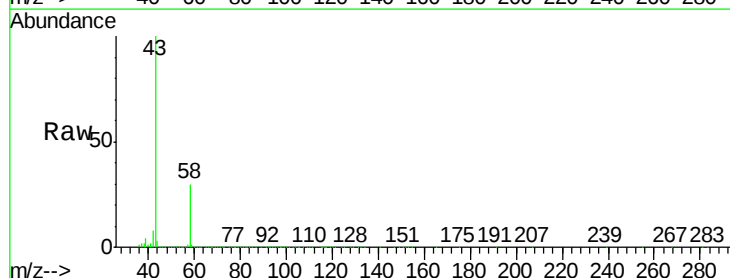
Acq: 28 Aug 2019 12:53

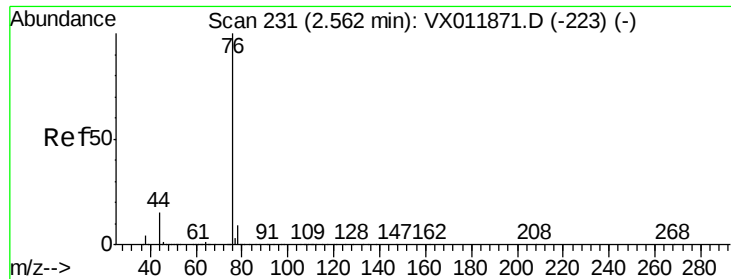
Tgt Ion: 43 Resp: 652937

Ion Ratio Lower Upper

43 100

58 30.4 24.0 36.0

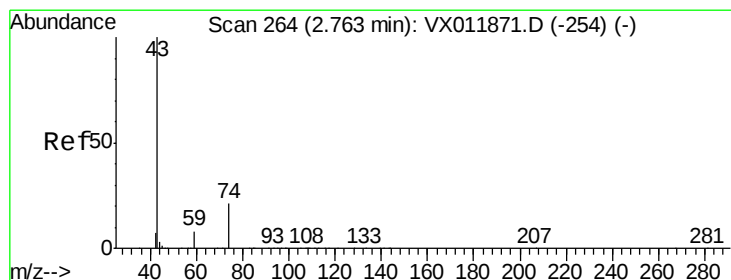
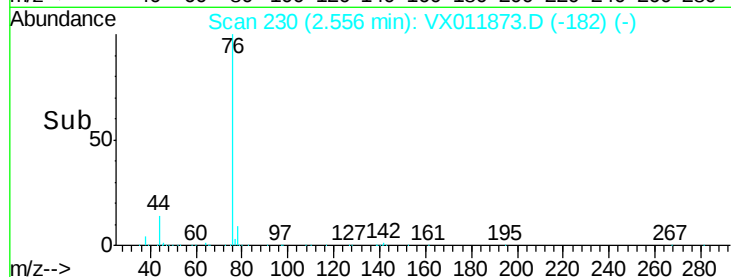
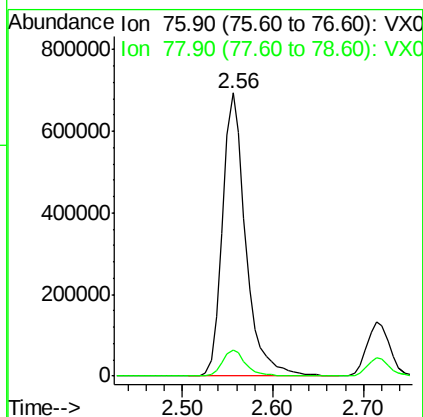
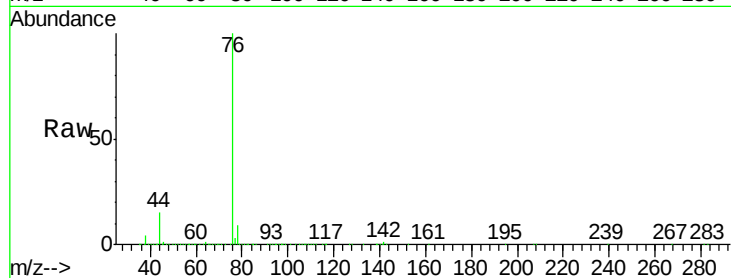




#17
Carbon Disulfide
Concen: 117.548 ug/l
RT: 2.56 min Scan# 230
Delta R.T. -0.01 min
Lab File: VX011873.D
Acq: 28 Aug 2019 12:53

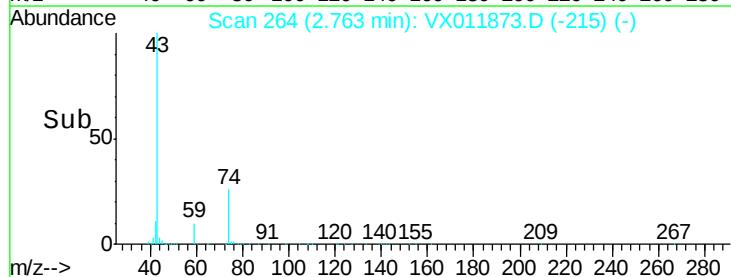
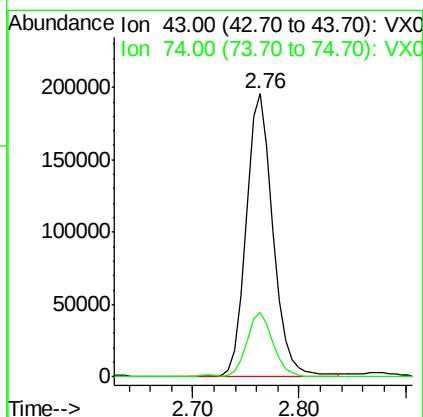
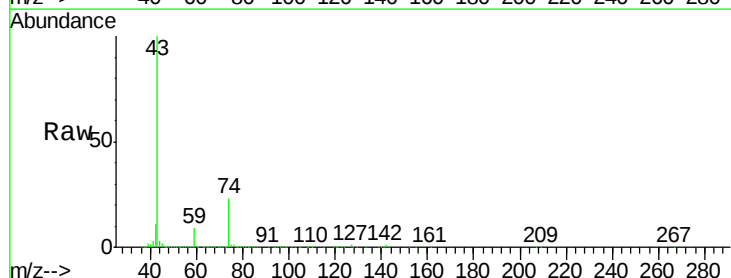
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

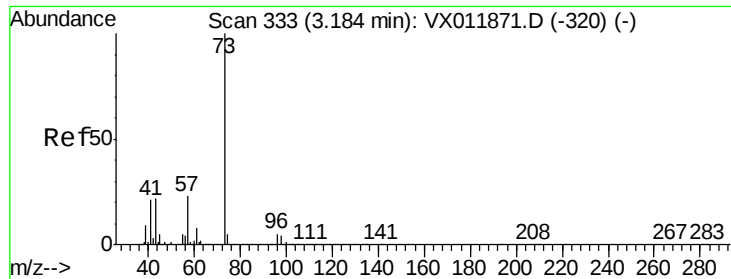
Tot Ion: 76 Resp: 1235639
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2



#18
Methyl Acetate
Concen: 86.935 ug/l
RT: 2.76 min Scan# 264
Delta R.T. -0.00 min
Lab File: VX011873.D
Acq: 28 Aug 2019 12:53

Tgt Ion: 43 Resp: 341134
Ion Ratio Lower Upper
43 100
74 22.4 18.6 28.0

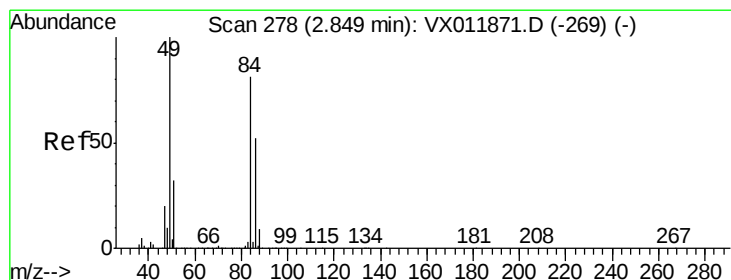
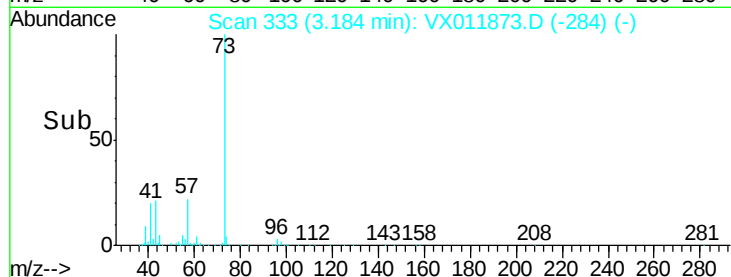
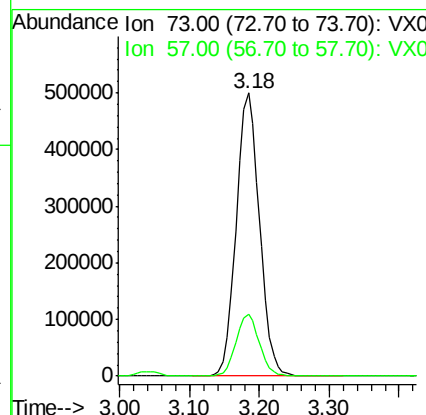
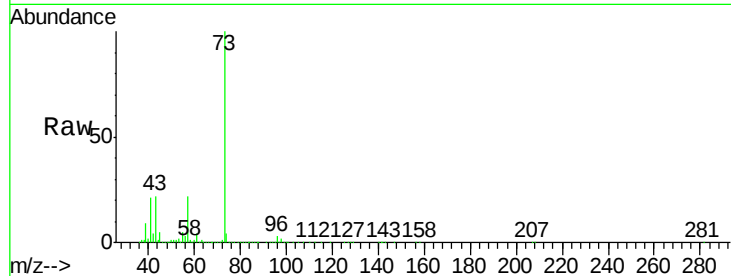




#19
Methyl tert-butyl Ether
Concen: 130.995 ug/l
RT: 3.18 min Scan# 333
Delta R.T. -0.00 min
Lab File: VX011873.D
Acq: 28 Aug 2019 12:53

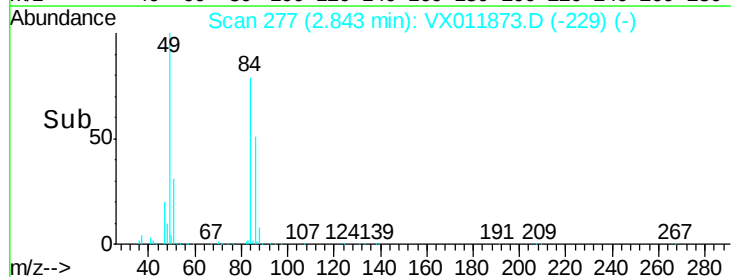
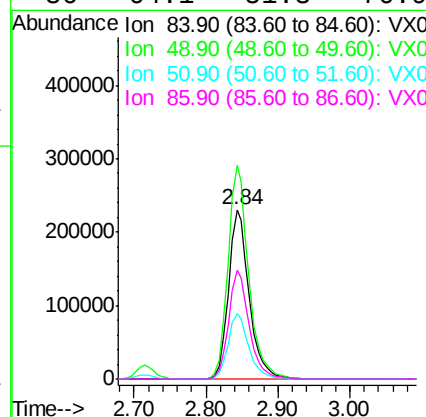
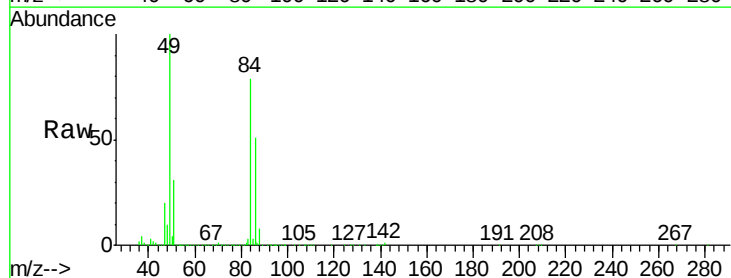
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

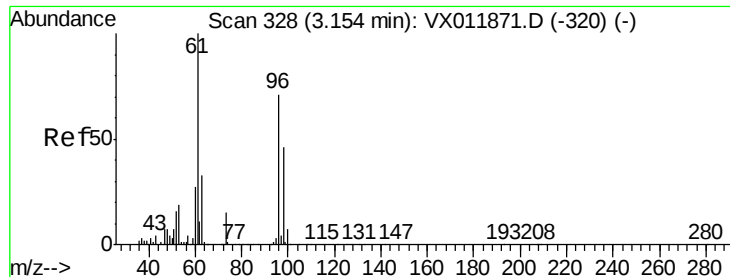
Tot Ion: 73 Resp: 1151976
Ion Ratio Lower Upper
73 100
57 21.9 18.1 27.1



#20
Methylene Chloride
Concen: 107.132 ug/l
RT: 2.84 min Scan# 277
Delta R.T. -0.01 min
Lab File: VX011873.D
Acq: 28 Aug 2019 12:53

Tgt Ion: 84 Resp: 458633
Ion Ratio Lower Upper
84 100
49 126.4 98.9 148.3
51 38.6 31.4 47.2
86 64.1 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 131.254 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX011873.D

Acq: 28 Aug 2019 12:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

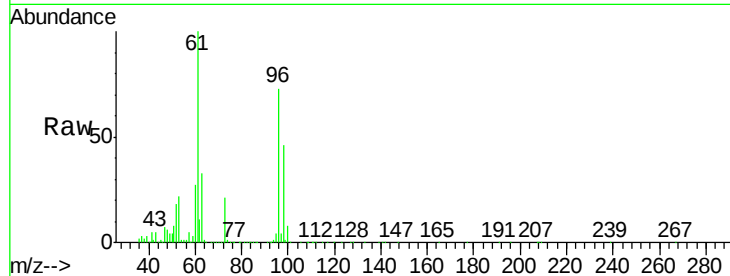
Tot Ion: 96 Resp: 464643

Ion Ratio Lower Upper

96 100

61 137.3 111.9 167.9

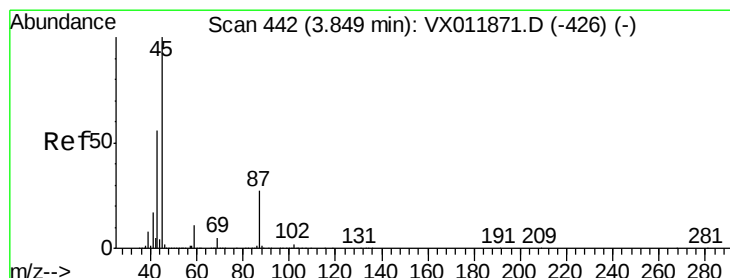
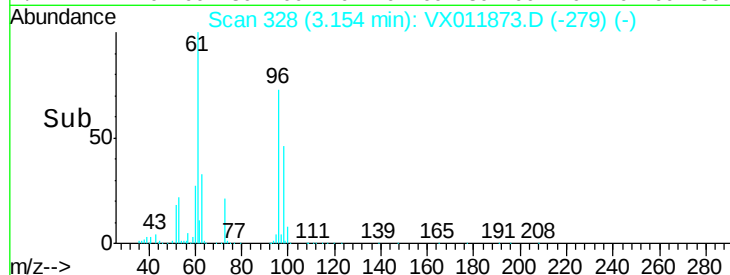
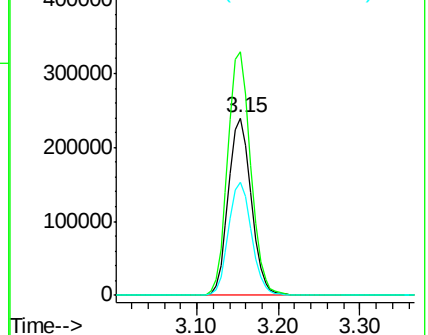
98 63.8 51.7 77.5



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 134.386 ug/l

RT: 3.84 min Scan# 441

Delta R.T. -0.01 min

Lab File: VX011873.D

Acq: 28 Aug 2019 12:53

Tgt Ion: 45 Resp: 1389361

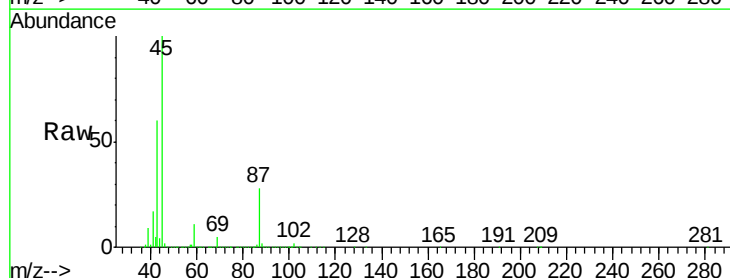
Ion Ratio Lower Upper

45 100

43 59.4 44.7 67.1

87 27.6 21.5 32.3

59 11.3 9.1 13.7

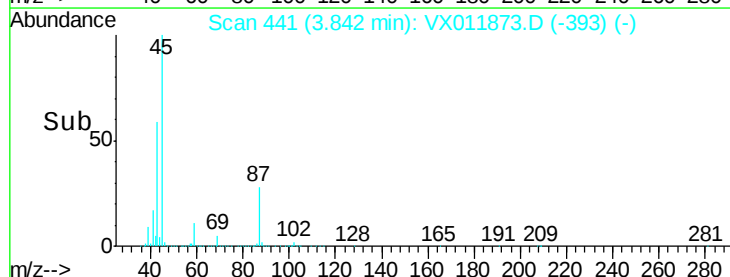
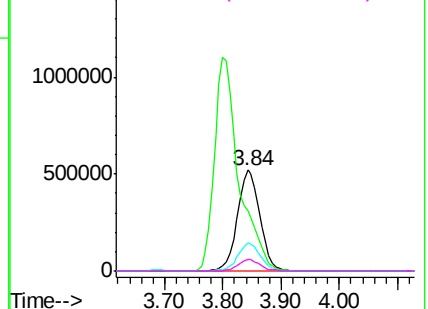


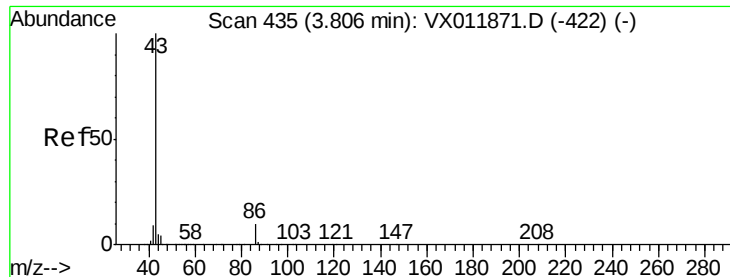
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 429.345 ug/l

RT: 3.80 min Scan# 434

Delta R.T. -0.01 min

Lab File: VX011873.D

Acq: 28 Aug 2019 12:53

Instrument :

MSVOA_X

ClientSampleId :

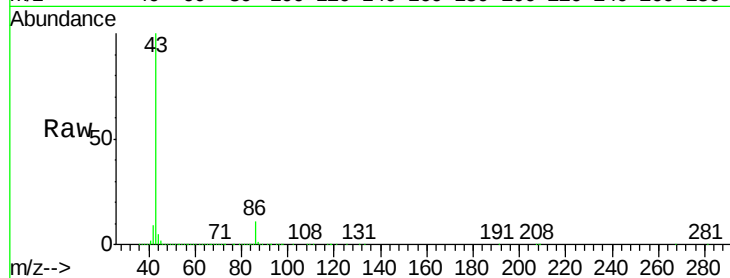
VSTDIC150

Tot Ion: 43 Resp: 3201430

Ion Ratio Lower Upper

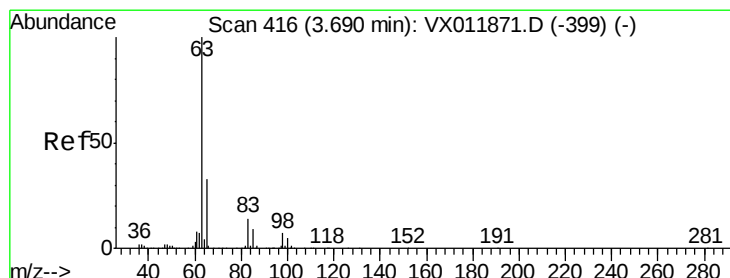
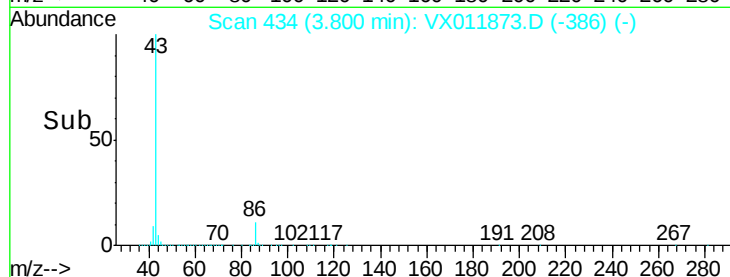
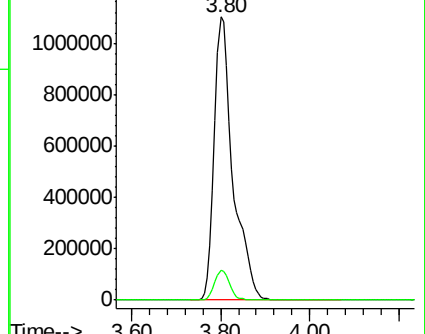
43 100

86 10.7 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 134.734 ug/l

RT: 3.68 min Scan# 415

Delta R.T. -0.01 min

Lab File: VX011873.D

Acq: 28 Aug 2019 12:53

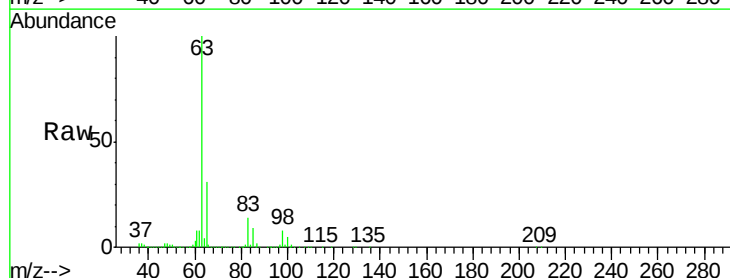
Tgt Ion: 63 Resp: 812352

Ion Ratio Lower Upper

63 100

98 7.7 3.7 11.1

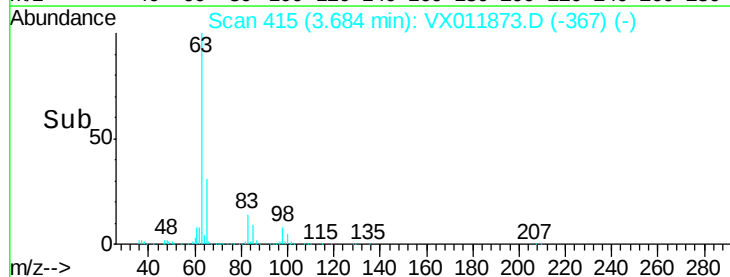
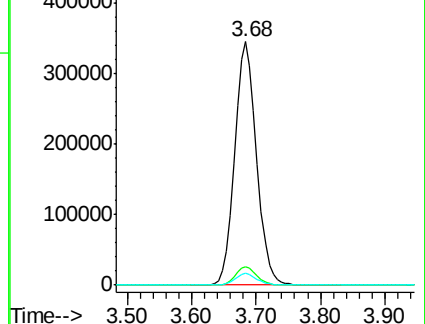
100 4.7 2.5 7.6

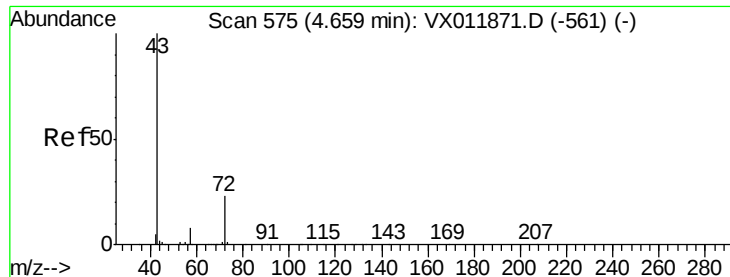


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 374.313 ug/l

RT: 4.66 min Scan# 575

Delta R.T. -0.00 min

Lab File: VX011873.D

Acq: 28 Aug 2019 12:53

Instrument :

MSVOA_X

ClientSampleId :

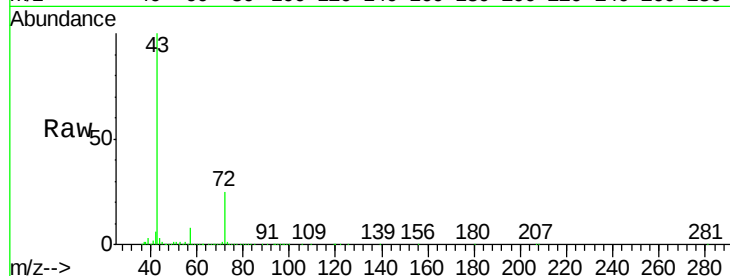
VSTDIC150

Tot Ion: 43 Resp: 761944

Ion Ratio Lower Upper

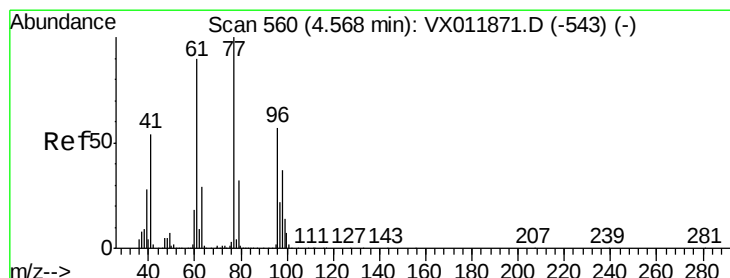
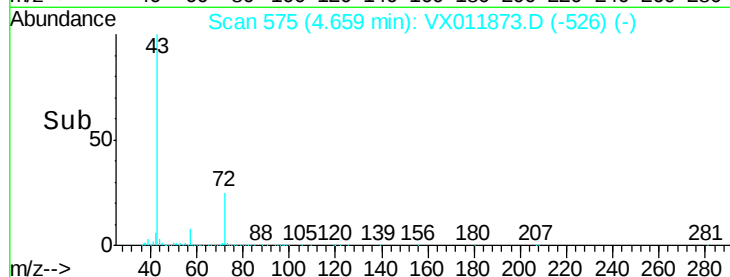
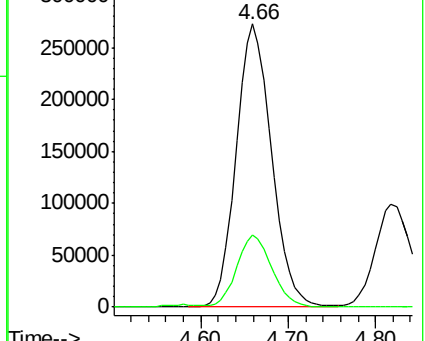
43 100

72 25.4 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 135.408 ug/l

RT: 4.57 min Scan# 560

Delta R.T. -0.00 min

Lab File: VX011873.D

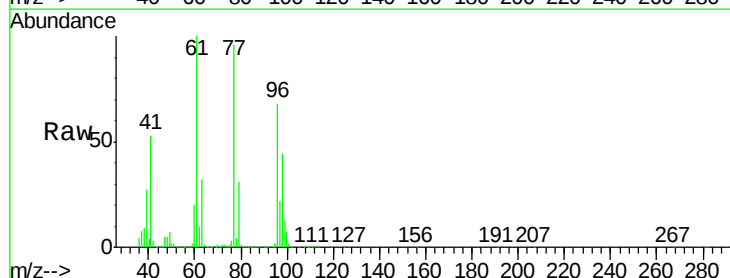
Acq: 28 Aug 2019 12:53

Tgt Ion: 77 Resp: 642996

Ion Ratio Lower Upper

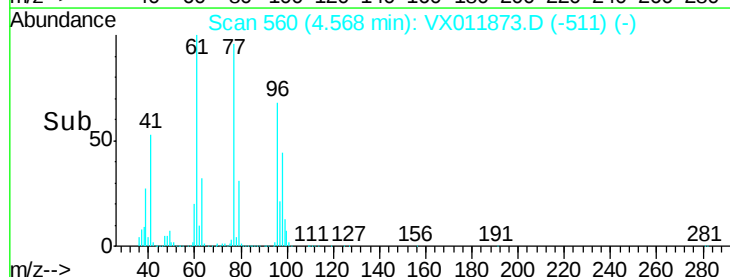
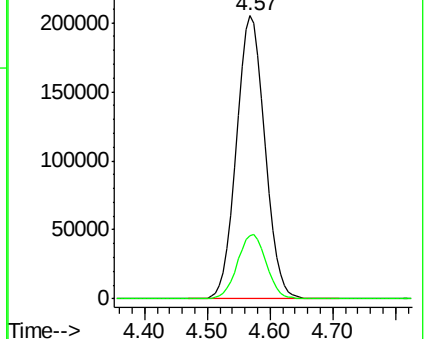
77 100

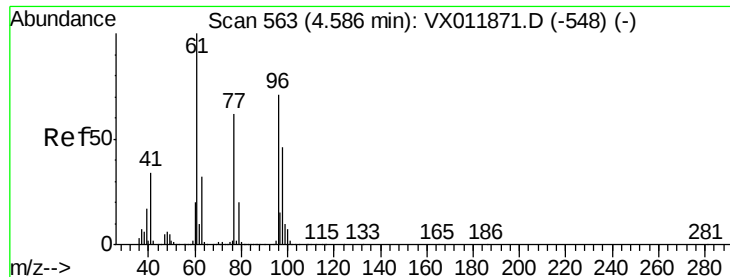
97 23.0 11.6 34.7



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



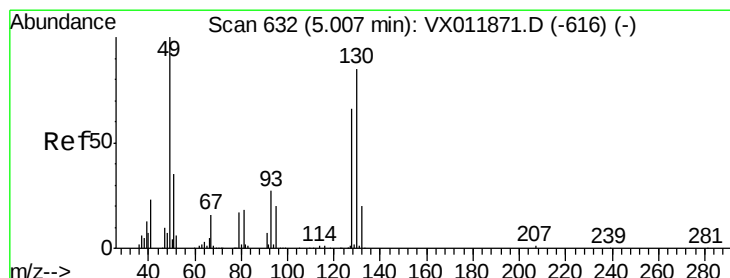
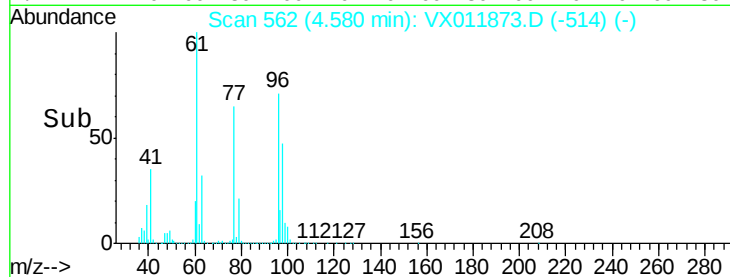
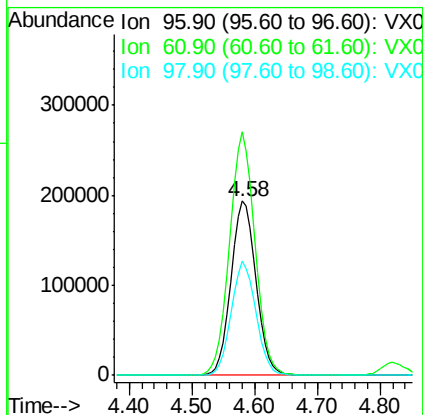
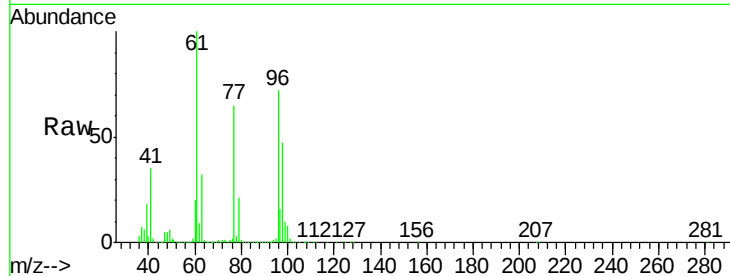


#27

cis-1,2-Dichloroethene
Concen: 139.969 ug/l
RT: 4.58 min Scan# 562
Delta R.T. -0.01 min
Lab File: VX011873.D
Acq: 28 Aug 2019 12:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

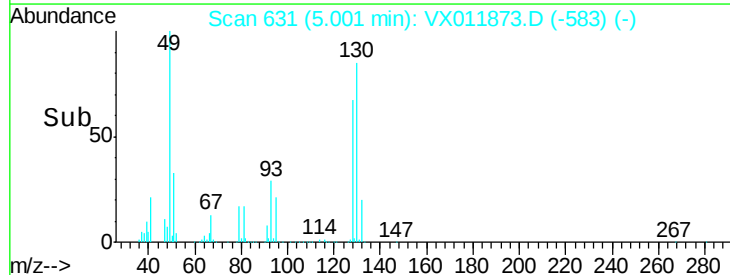
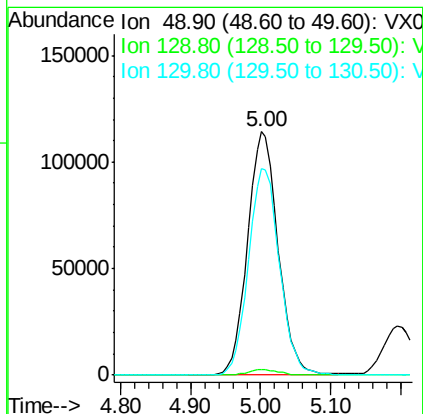
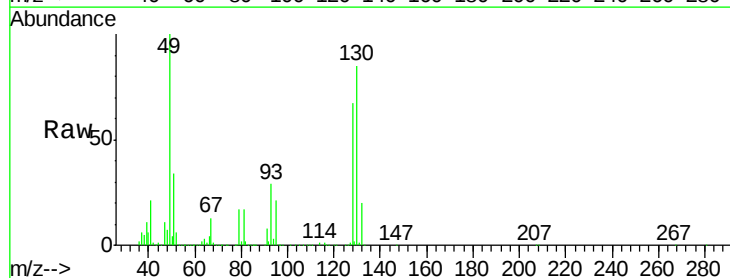
Tot Ion	Ratio	Lower	Upper
96	100		
61	142.2	0.0	288.8
98	64.7	0.0	129.6

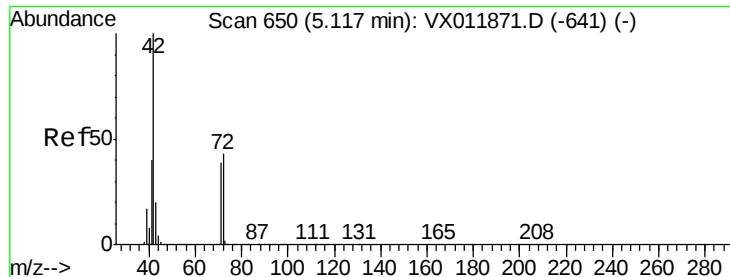


#28

Bromochloromethane
Concen: 128.150 ug/l
RT: 5.00 min Scan# 631
Delta R.T. -0.01 min
Lab File: VX011873.D
Acq: 28 Aug 2019 12:53

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.6
130	86.2	67.3	100.9





#29

Tetrahydrofuran

Concen: 351.560 ug/l

RT: 5.12 min Scan# 650

Delta R.T. -0.00 min

Lab File: VX011873.D

Acq: 28 Aug 2019 12:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

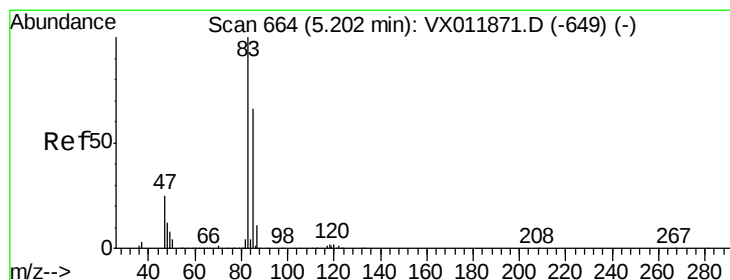
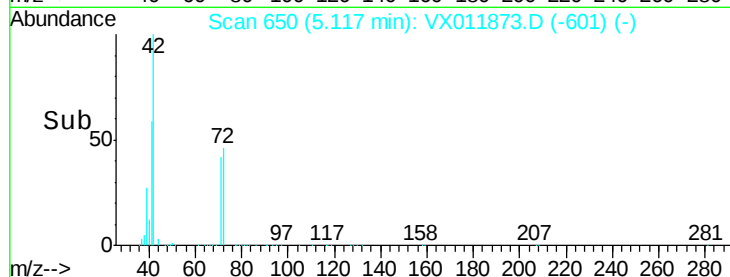
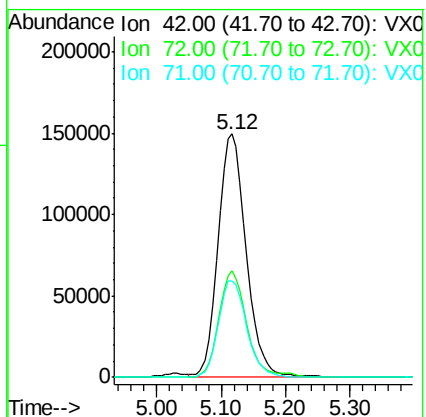
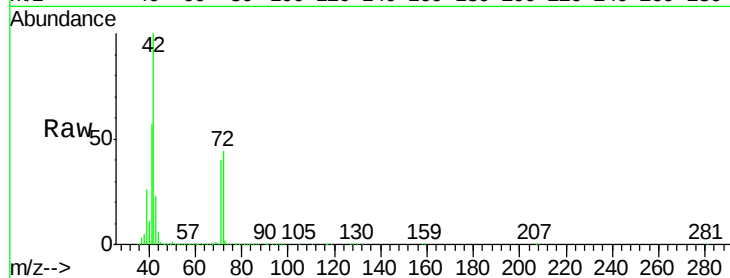
Tot Ion: 42 Resp: 456054

Ion Ratio Lower Upper

42 100

72 44.0 35.4 53.2

71 40.1 32.6 48.8



#30

Chloroform

Concen: 142.026 ug/l

RT: 5.20 min Scan# 663

Delta R.T. -0.01 min

Lab File: VX011873.D

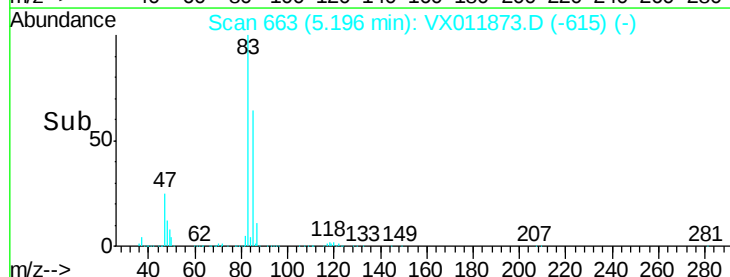
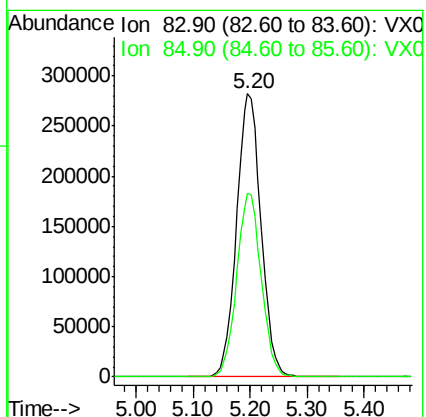
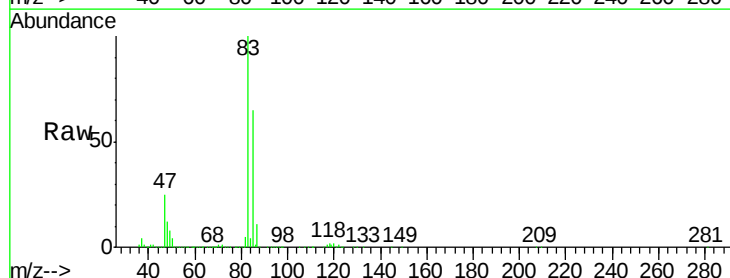
Acq: 28 Aug 2019 12:53

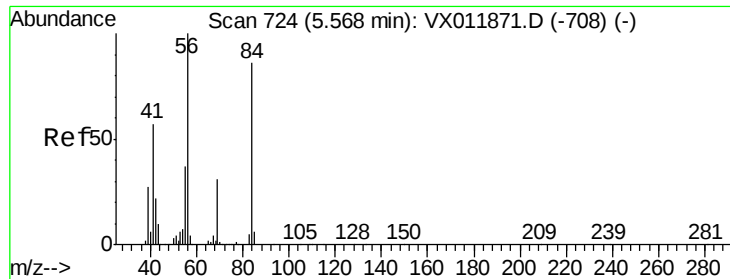
Tgt Ion: 83 Resp: 843801

Ion Ratio Lower Upper

83 100

85 65.0 52.5 78.7





#31

Cyclohexane

Concen: 117.036 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.00 min

Lab File: VX011873.D

Acq: 28 Aug 2019 12:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

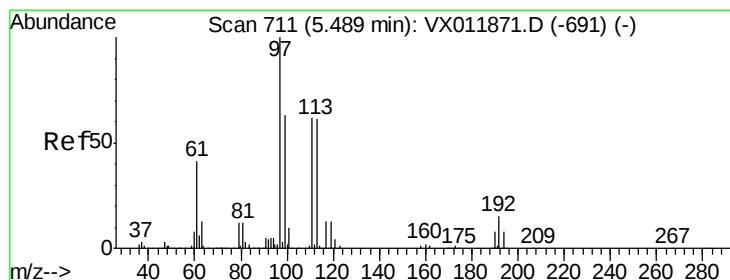
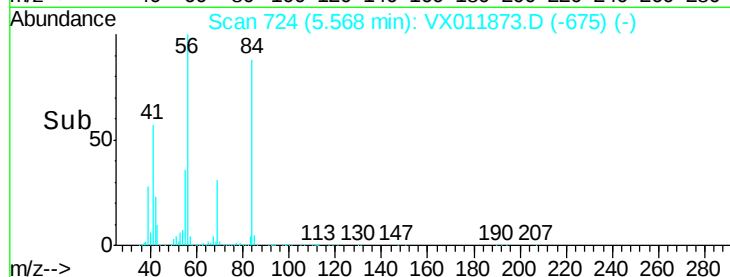
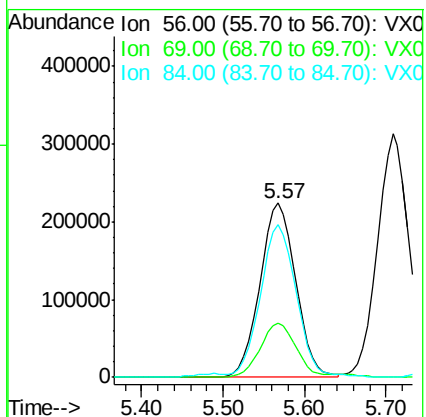
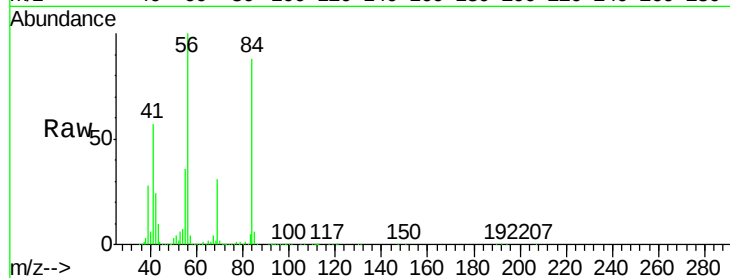
Tot Ion: 56 Resp: 681624

Ion Ratio Lower Upper

56 100

69 31.0 25.0 37.4

84 87.1 68.6 103.0



#32

1,1,1-Trichloroethane

Concen: 149.178 ug/l

RT: 5.48 min Scan# 710

Delta R.T. -0.01 min

Lab File: VX011873.D

Acq: 28 Aug 2019 12:53

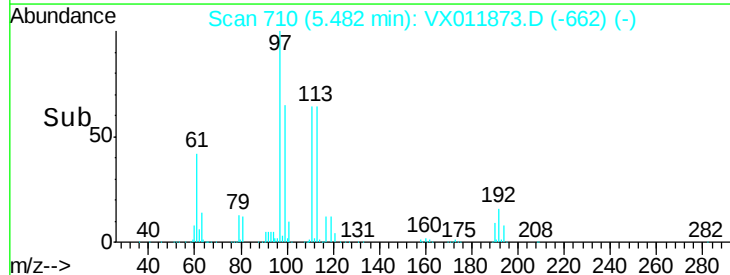
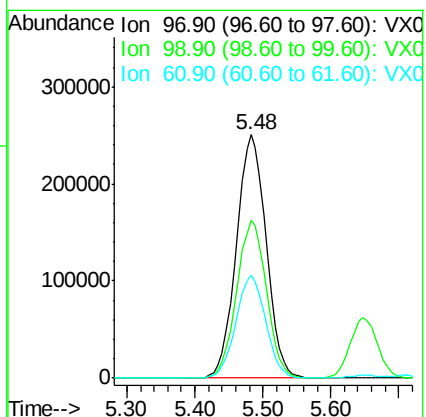
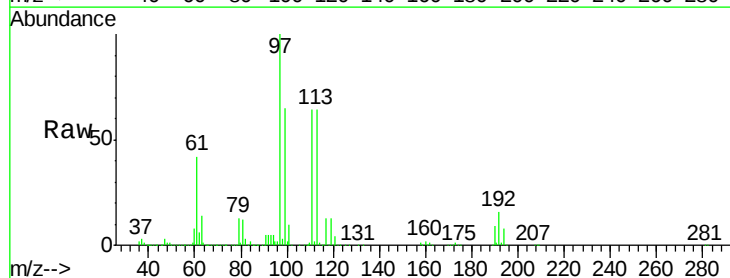
Tgt Ion: 97 Resp: 761734

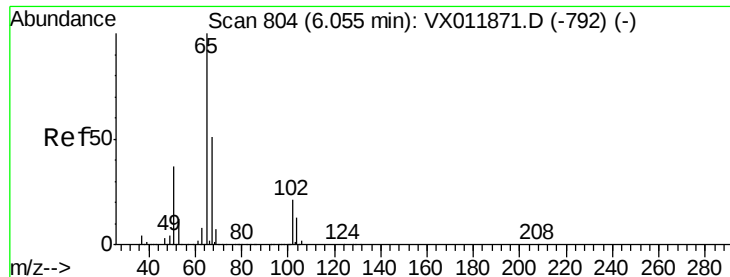
Ion Ratio Lower Upper

97 100

99 65.1 51.1 76.7

61 42.3 33.4 50.2





#33

1,2-Dichloroethane-d4

Concen: 134.003 ug/l

RT: 6.05 min Scan# 803

Delta R.T. -0.01 min

Lab File: VX011873.D

Acq: 28 Aug 2019 12:53

Instrument :

MSVOA_X

ClientSampleId :

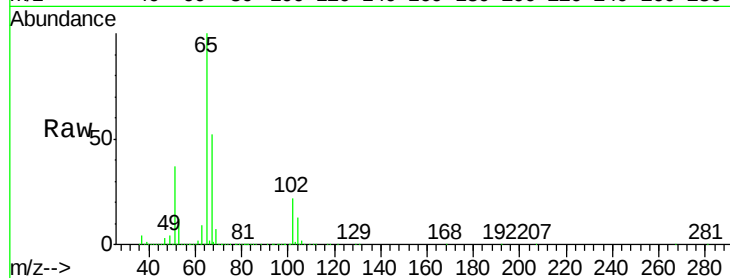
VSTDIC150

Tot Ion: 65 Resp: 489867

Ion Ratio Lower Upper

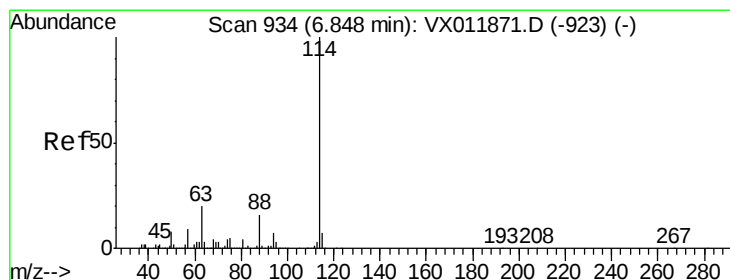
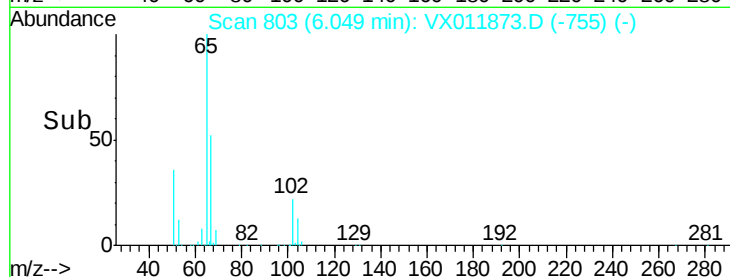
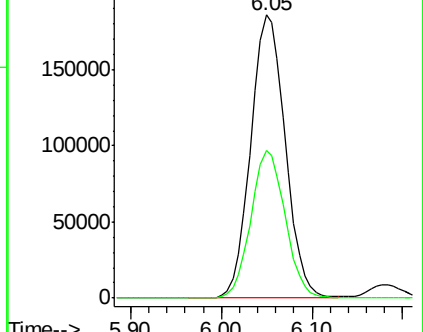
65 100

67 51.7 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 934

Delta R.T. -0.00 min

Lab File: VX011873.D

Acq: 28 Aug 2019 12:53

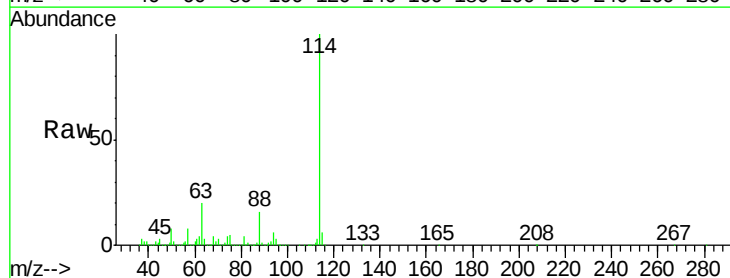
Tgt Ion: 114 Resp: 504715

Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.8

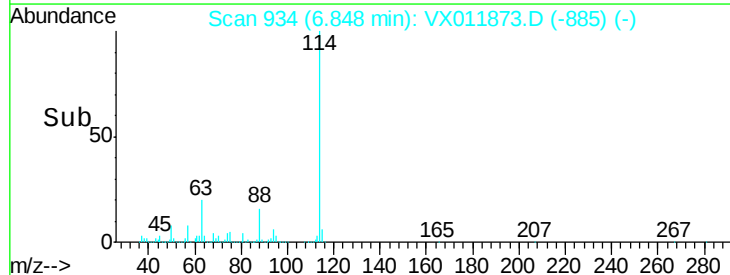
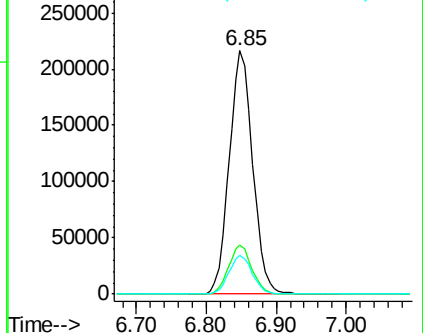
88 16.1 0.0 31.6

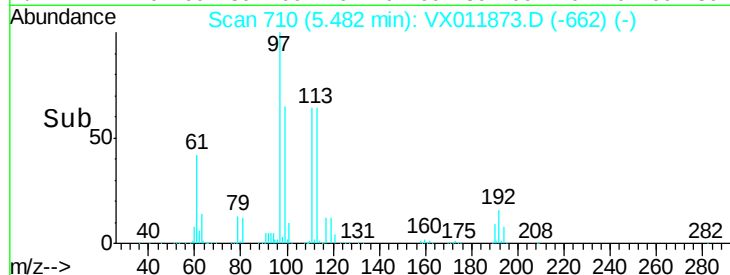
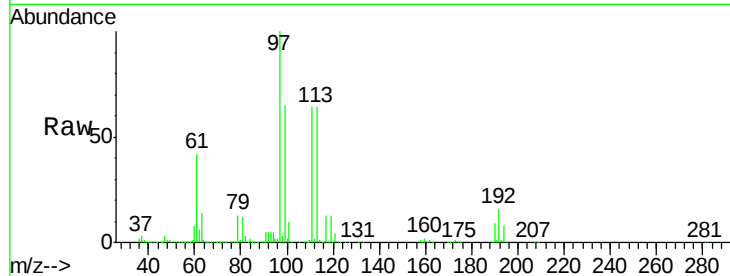
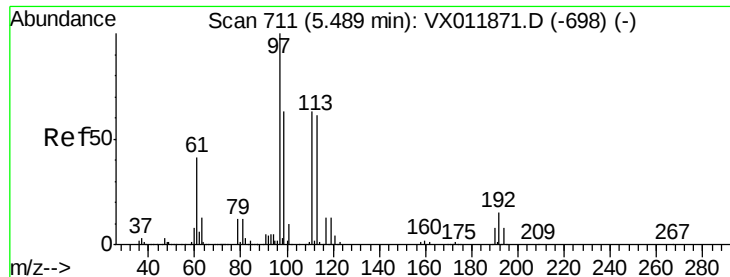


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

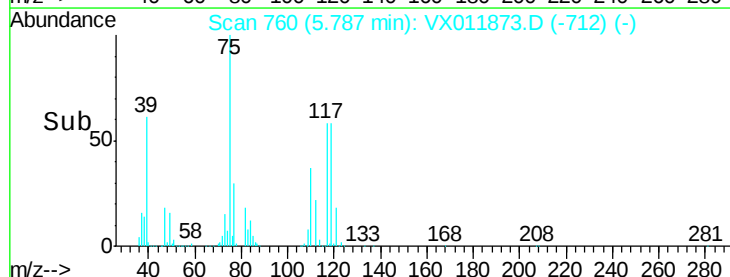
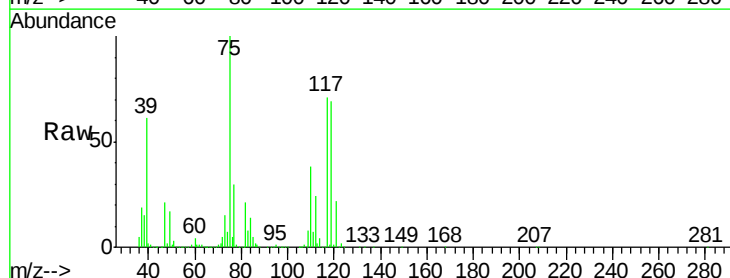
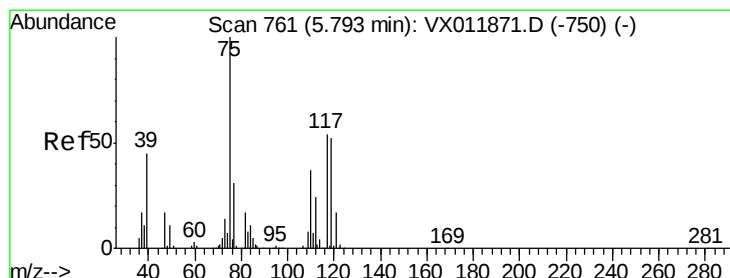
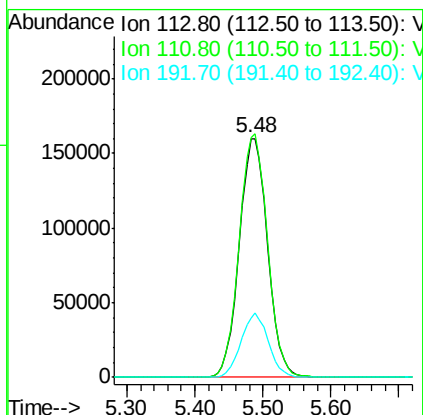




#35
Dibromofluoromethane
Concen: 155.618 ug/l
RT: 5.48 min Scan# 710
Delta R.T. -0.01 min
Lab File: VX011873.D
Acq: 28 Aug 2019 12:53

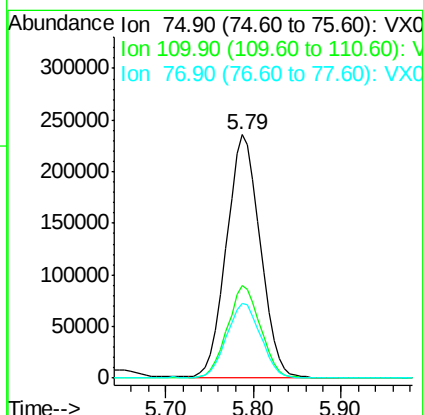
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

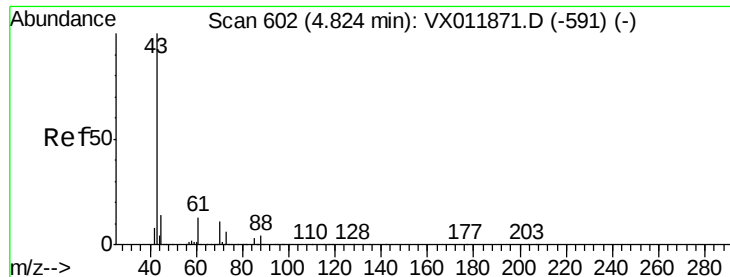
Tot Ion:113 Resp: 462478
Ion Ratio Lower Upper
113 100
111 101.9 80.9 121.3
192 26.1 20.6 30.8



#36
1,1-Dichloropropene
Concen: 133.430 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.01 min
Lab File: VX011873.D
Acq: 28 Aug 2019 12:53

Tgt Ion: 75 Resp: 630672
Ion Ratio Lower Upper
75 100
110 37.4 18.5 55.5
77 30.8 24.7 37.1

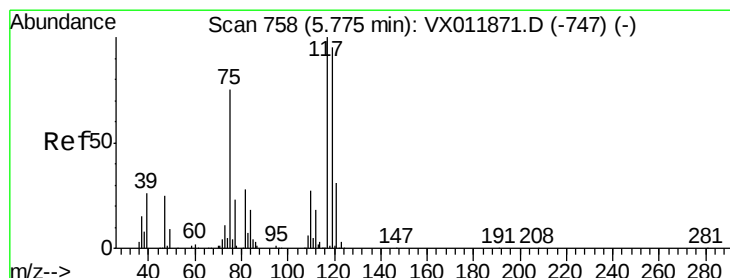
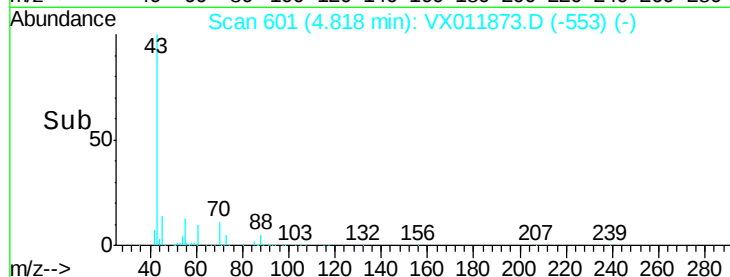
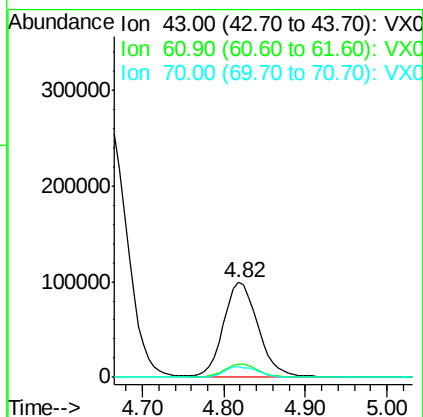
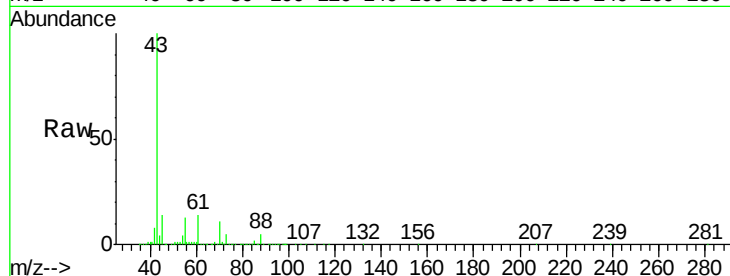




#37
Ethyl Acetate
Concen: 79.176 ug/l
RT: 4.82 min Scan# 601
Delta R.T. -0.01 min
Lab File: VX011873.D
Acq: 28 Aug 2019 12:53

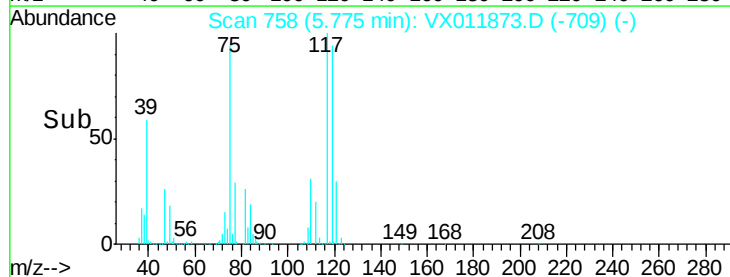
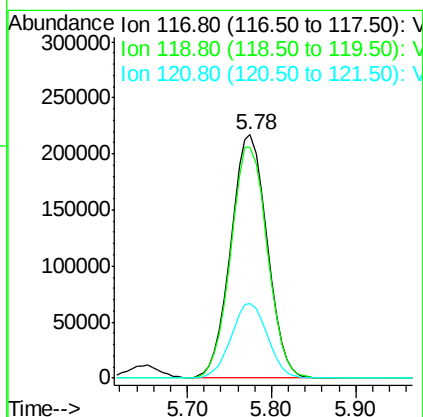
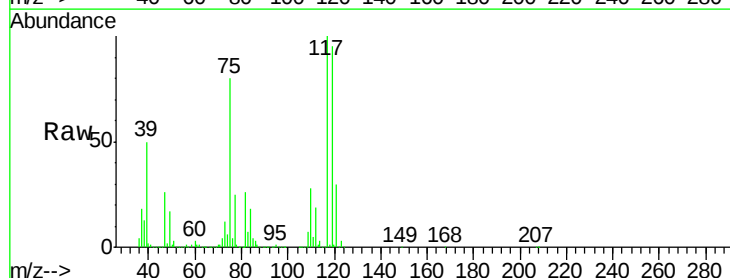
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

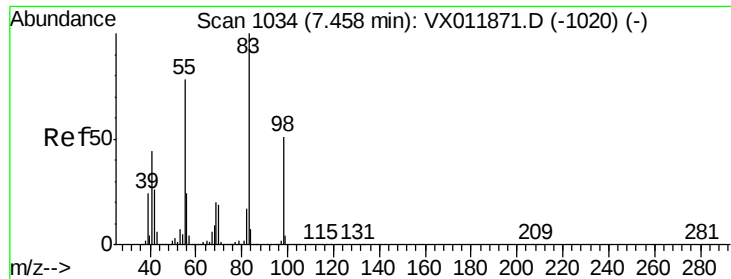
Tot Ion: 43 Resp: 287473
Ion Ratio Lower Upper
43 100
61 13.3 10.5 15.7
70 11.2 8.9 13.3



#38
Carbon Tetrachloride
Concen: 144.760 ug/l
RT: 5.78 min Scan# 758
Delta R.T. -0.00 min
Lab File: VX011873.D
Acq: 28 Aug 2019 12:53

Tgt Ion: 117 Resp: 632887
Ion Ratio Lower Upper
117 100
119 94.6 75.7 113.5
121 30.4 25.1 37.7

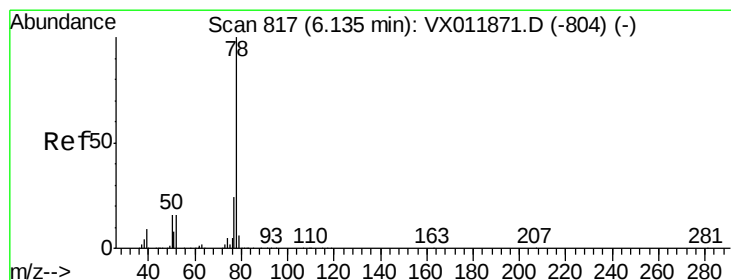
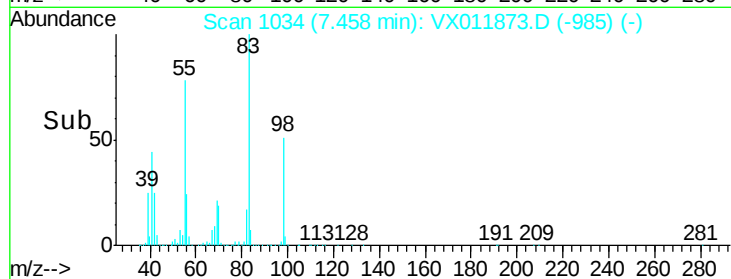
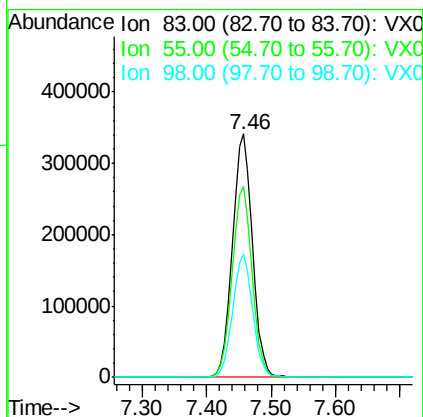
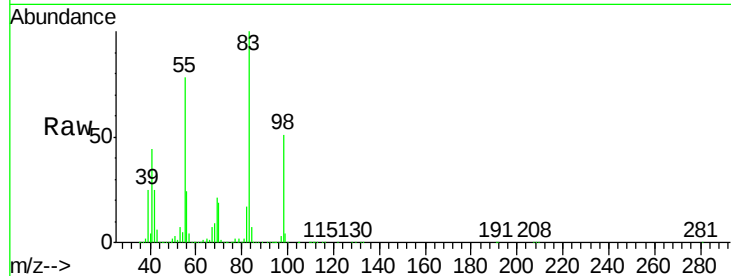




#39
Methvlcvclohexane
Concen: 128.395 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX011873.D
Acq: 28 Aug 2019 12:53

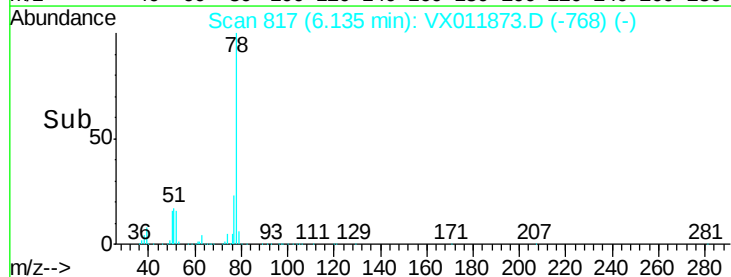
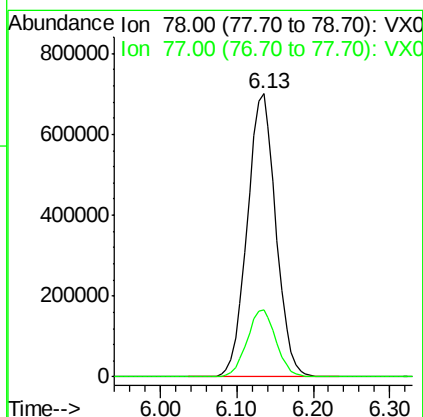
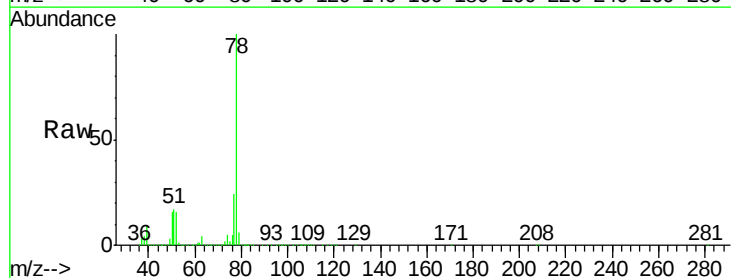
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

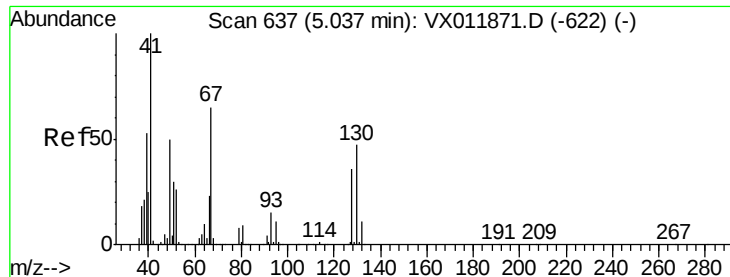
Tot Ion: 83 Resp: 745087
Ion Ratio Lower Upper
83 100
55 78.2 62.1 93.1
98 50.8 40.6 61.0



#40
Benzene
Concen: 134.654 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.00 min
Lab File: VX011873.D
Acq: 28 Aug 2019 12:53

Tgt Ion: 78 Resp: 1823884
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.4





#41

Methacrylonitrile

Concen: 95.509 ug/l

RT: 5.03 min Scan# 636

Delta R.T. -0.01 min

Lab File: VX011873.D

Acq: 28 Aug 2019 12:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 41 Resp: 195464

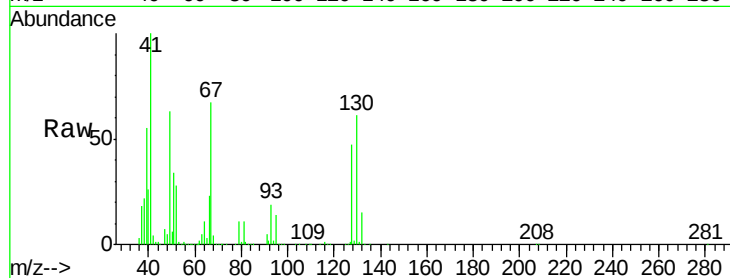
Ion Ratio Lower Upper

41 100

39 54.9 44.5 66.7

67 67.4 55.0 82.4

52 28.2 23.3 34.9

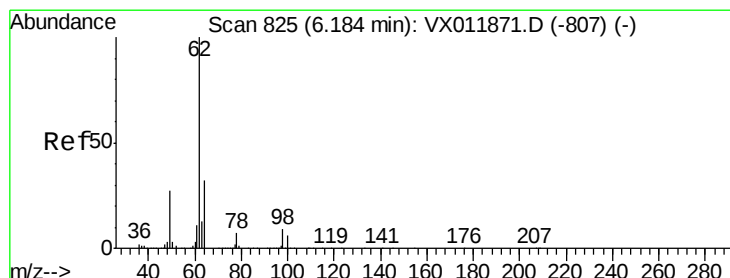
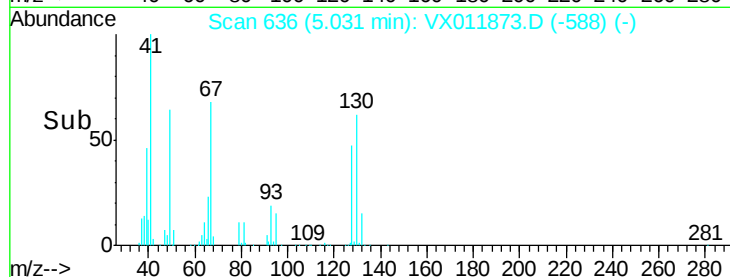
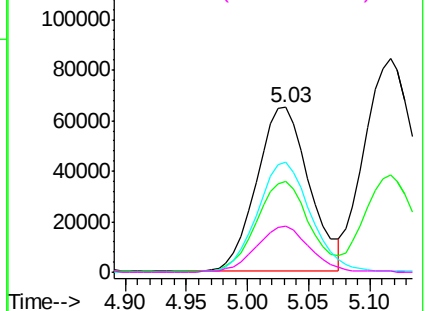


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 145.641 ug/l

RT: 6.18 min Scan# 825

Delta R.T. -0.00 min

Lab File: VX011873.D

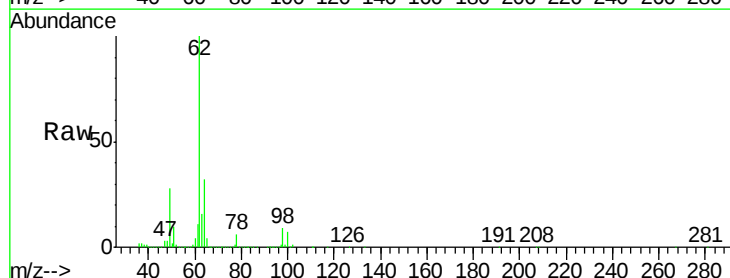
Acq: 28 Aug 2019 12:53

Tgt Ion: 62 Resp: 595824

Ion Ratio Lower Upper

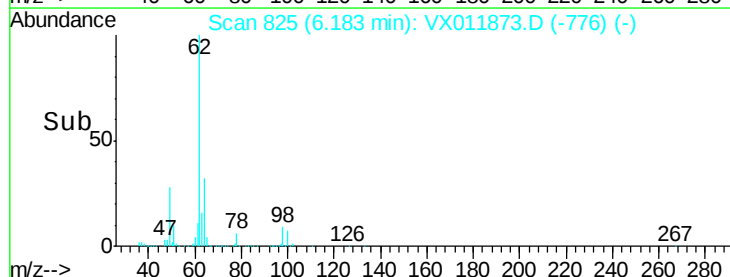
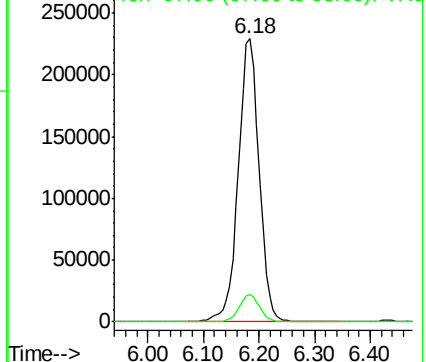
62 100

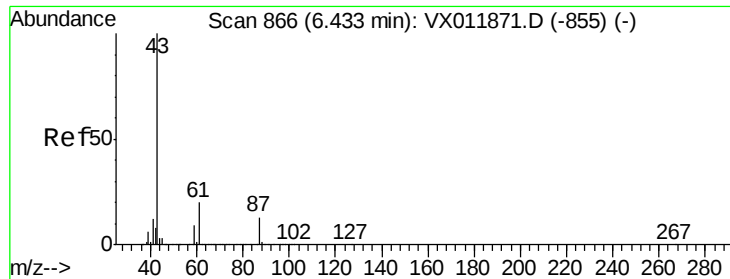
98 9.3 0.0 19.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 98.383 ug/l

RT: 6.43 min Scan# 866

Delta R.T. -0.00 min

Lab File: VX011873.D

Acq: 28 Aug 2019 12:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

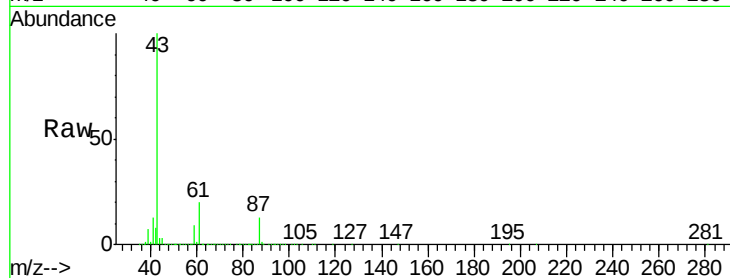
Tot Ion: 43 Resp: 569144

Ion Ratio Lower Upper

43 100

61 19.6 15.6 23.4

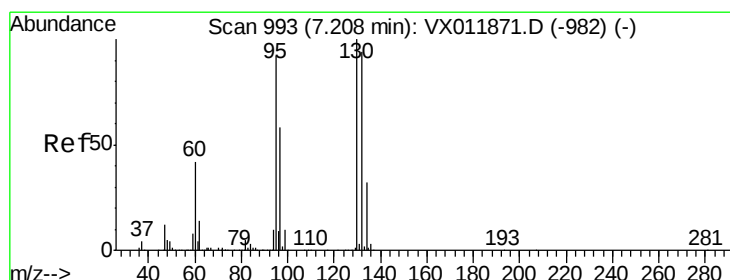
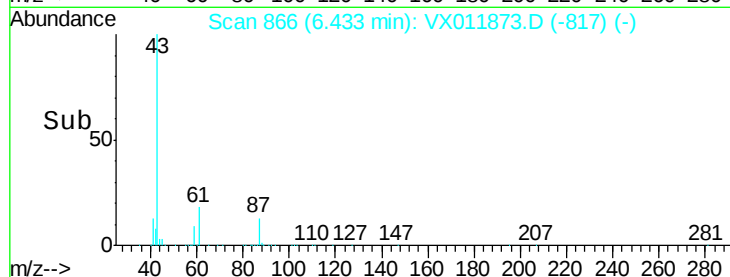
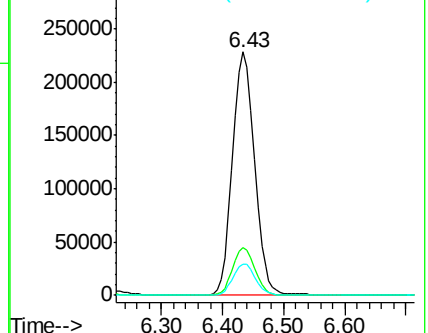
87 13.2 10.6 15.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 156.176 ug/l

RT: 7.20 min Scan# 992

Delta R.T. -0.01 min

Lab File: VX011873.D

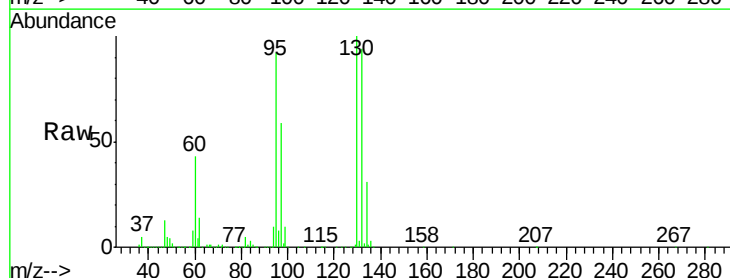
Acq: 28 Aug 2019 12:53

Tgt Ion:130 Resp: 603454

Ion Ratio Lower Upper

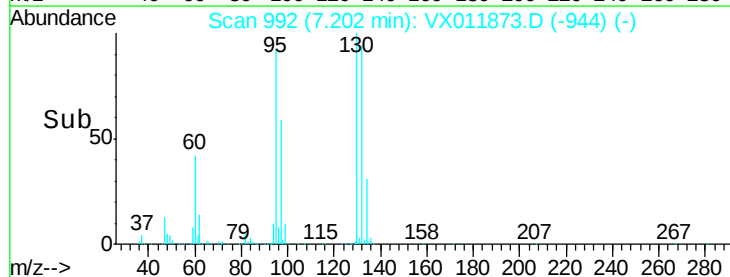
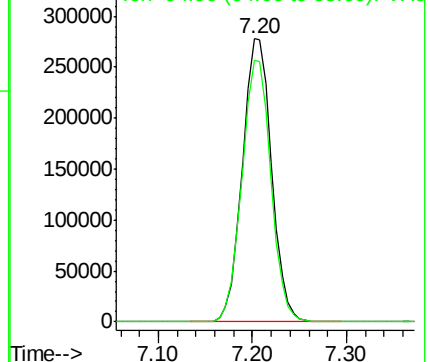
130 100

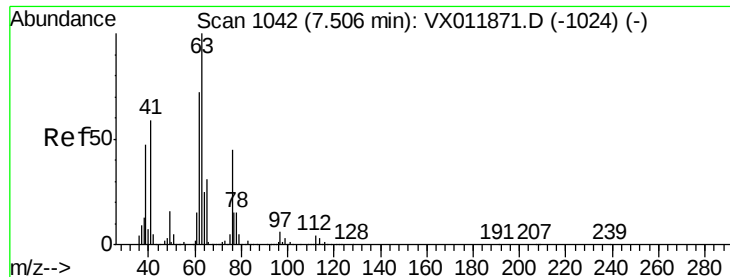
95 92.3 0.0 184.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

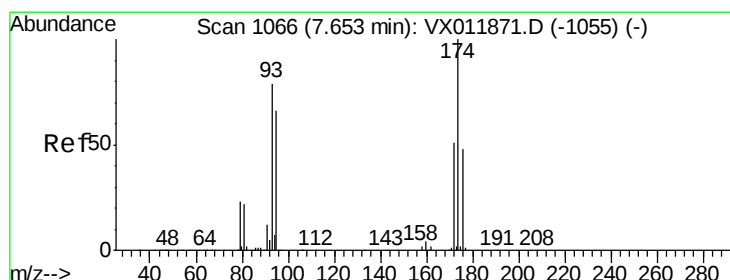
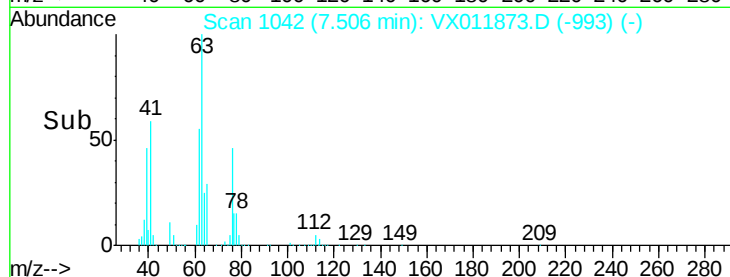
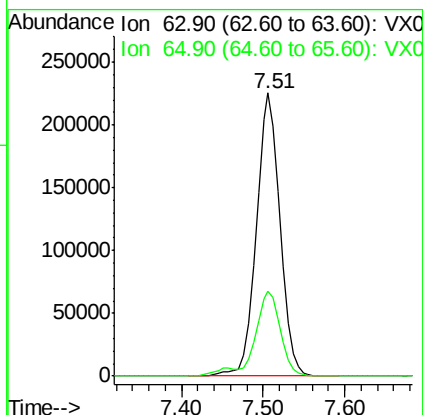
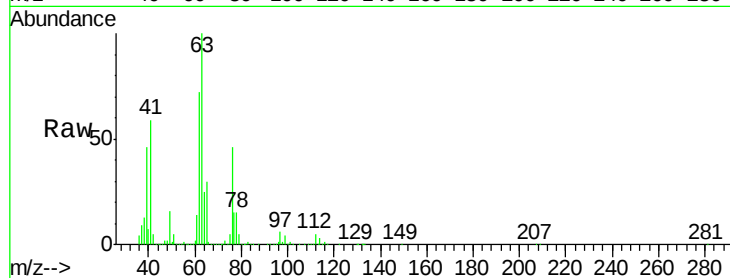




#45
 1,2-Dichloropropane
 Concen: 137.217 ug/l
 RT: 7.51 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: VX011873.D
 Acq: 28 Aug 2019 12:53

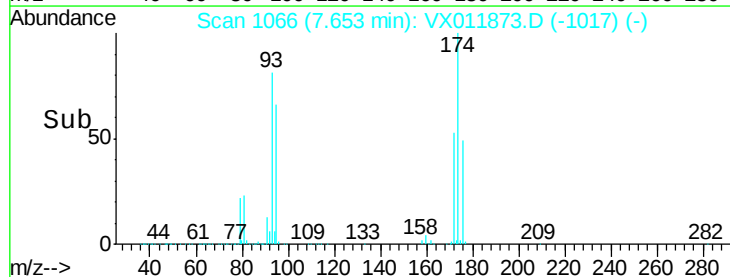
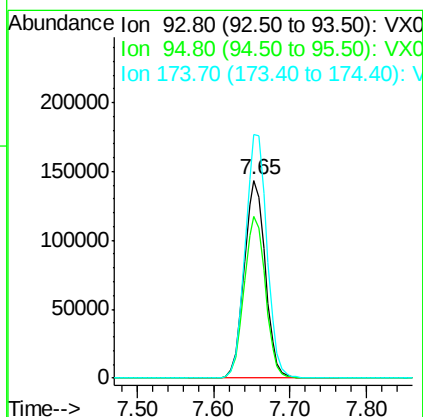
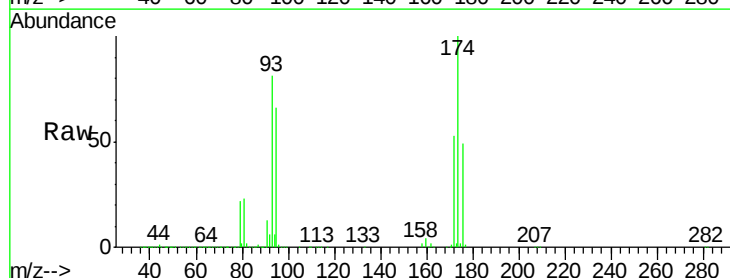
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

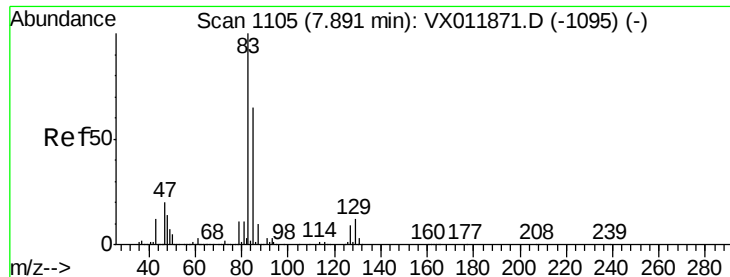
Tot Ion: 63 Resp: 457062
 Ion Ratio Lower Upper
 63 100
 65 30.2 24.5 36.7



#46
 Dibromomethane
 Concen: 143.198 ug/l
 RT: 7.65 min Scan# 1066
 Delta R.T. -0.00 min
 Lab File: VX011873.D
 Acq: 28 Aug 2019 12:53

Tgt Ion: 93 Resp: 274870
 Ion Ratio Lower Upper
 93 100
 95 82.6 65.8 98.8
 174 126.4 100.2 150.4





#47

Bromodichloromethane

Concen: 171.407 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.00 min

Lab File: VX011873.D

Acq: 28 Aug 2019 12:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

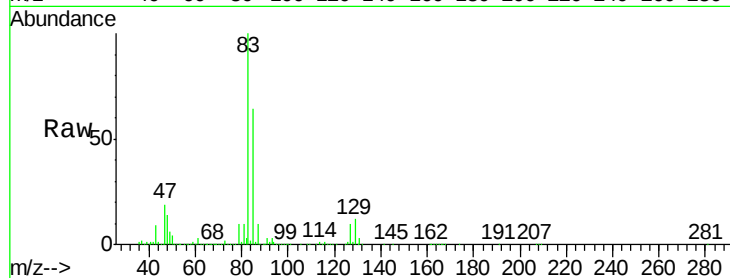
Tot Ion: 83 Resp: 655670

Ion Ratio Lower Upper

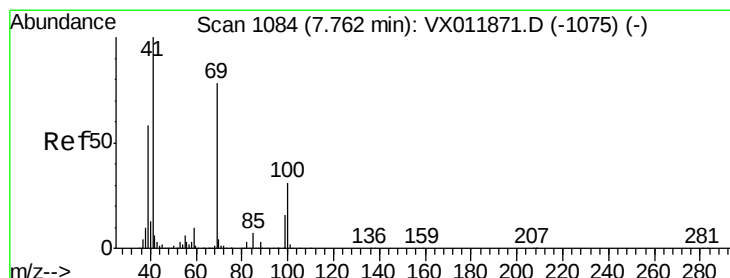
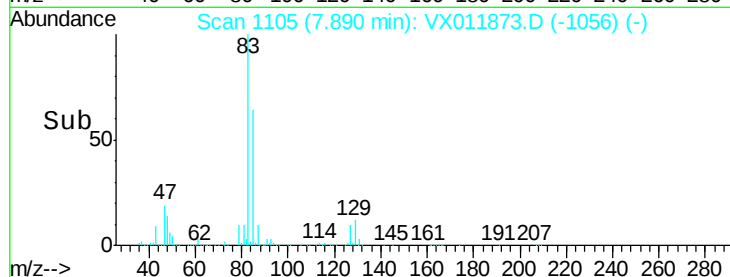
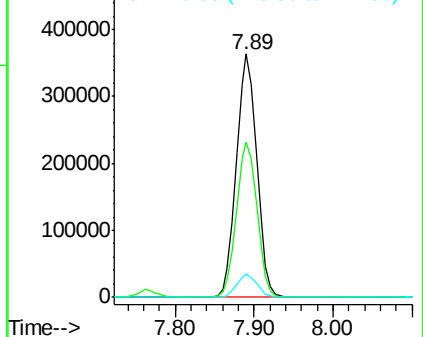
83 100

85 63.6 51.8 77.8

127 9.6 7.4 11.2



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 97.916 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. -0.00 min

Lab File: VX011873.D

Acq: 28 Aug 2019 12:53

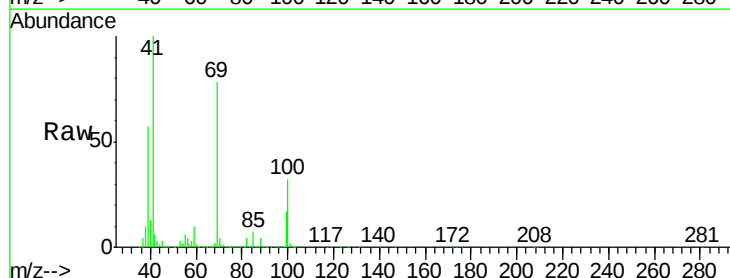
Tgt Ion: 41 Resp: 284131

Ion Ratio Lower Upper

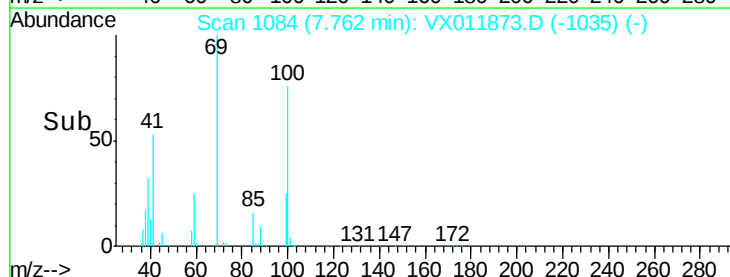
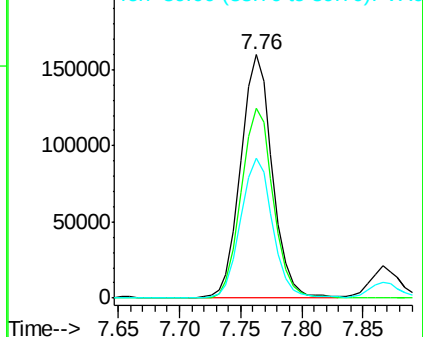
41 100

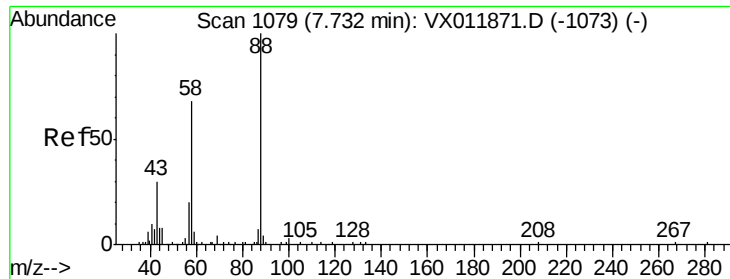
69 79.4 63.0 94.4

39 58.2 46.1 69.1



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

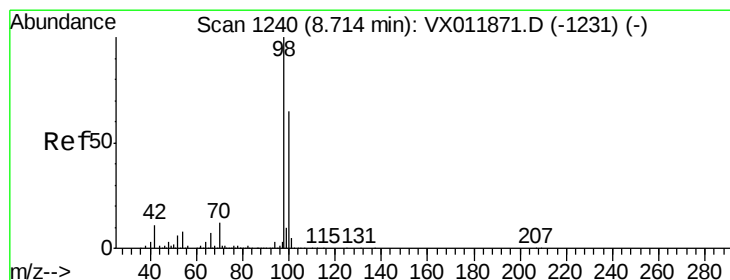
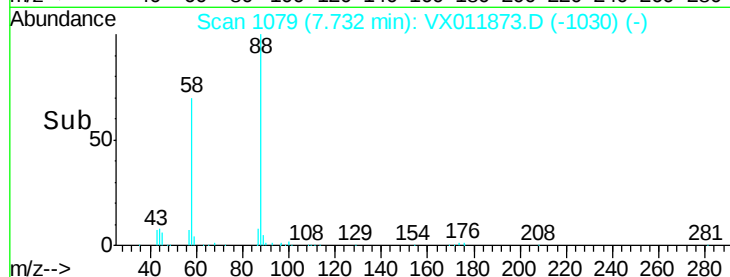
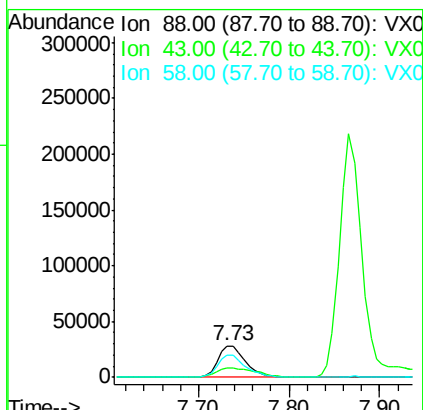
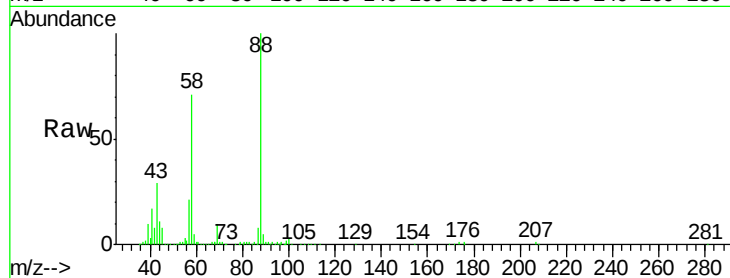




#49
1,4-Dioxane
Concen: 1021.820 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. -0.00 min
Lab File: VX011873.D
Acq: 28 Aug 2019 12:53

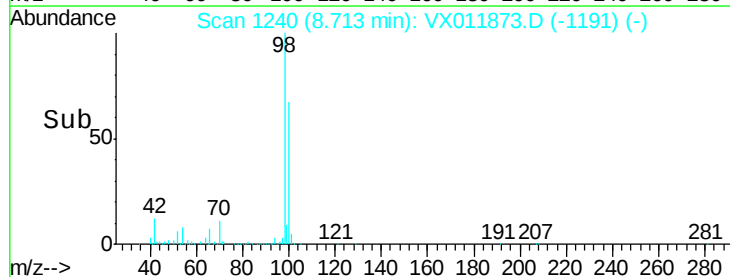
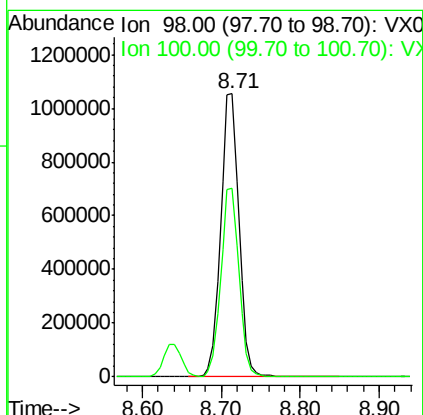
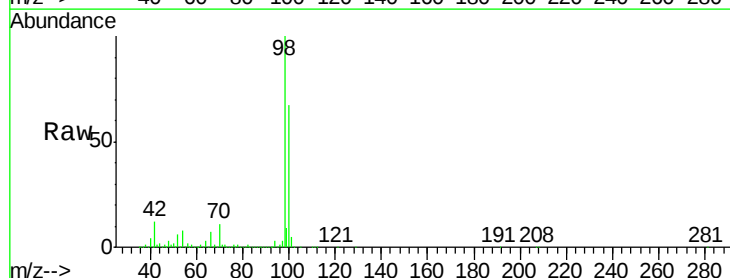
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

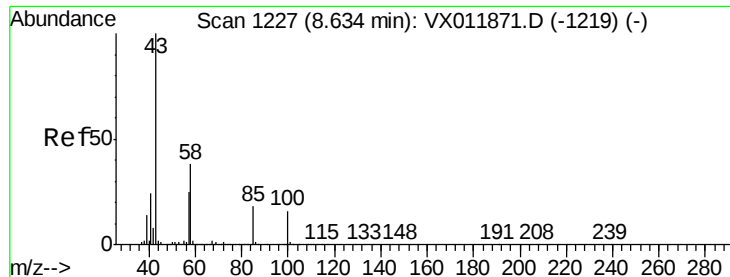
Tot Ion	Ratio	Lower	Upper
88	100		
43	39.0	33.2	49.8
58	72.2	58.2	87.4



#50
Toluene-d8
Concen: 137.023 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011873.D
Acq: 28 Aug 2019 12:53

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.4	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 333.379 ug/l

RT: 8.63 min Scan# 1227

Delta R.T. -0.00 min

Lab File: VX011873.D

Acq: 28 Aug 2019 12:53

Instrument :

MSVOA_X

ClientSampleId :

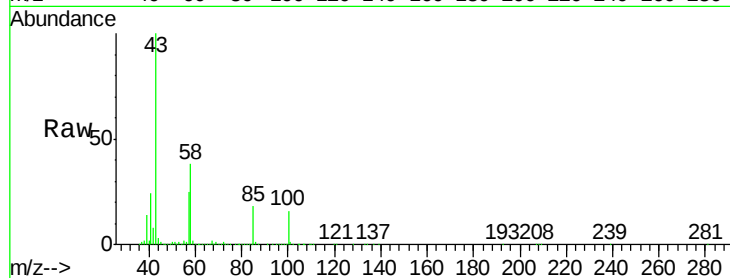
VSTDIC150

Tot Ion: 43 Resp: 1185241

Ion Ratio Lower Upper

43 100

58 38.3 30.8 46.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.63

800000

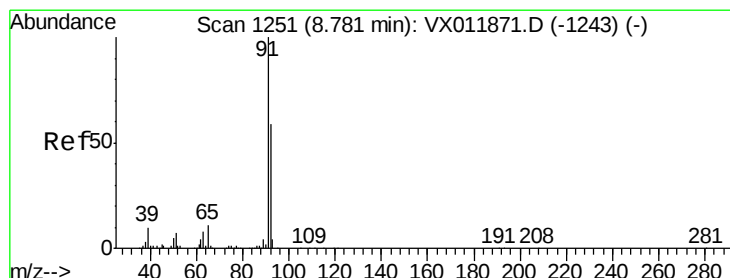
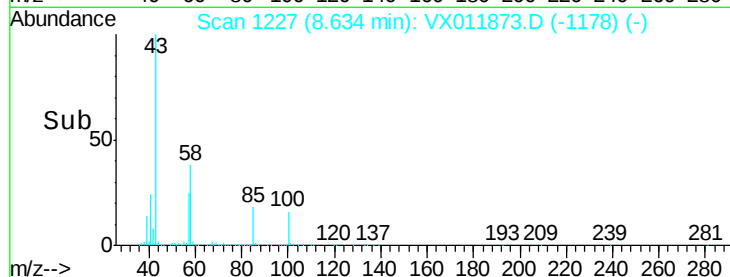
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 139.199 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX011873.D

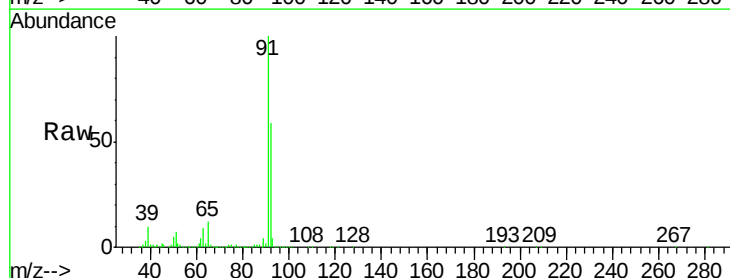
Acq: 28 Aug 2019 12:53

Tgt Ion: 92 Resp: 1176119

Ion Ratio Lower Upper

92 100

91 169.2 136.2 204.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

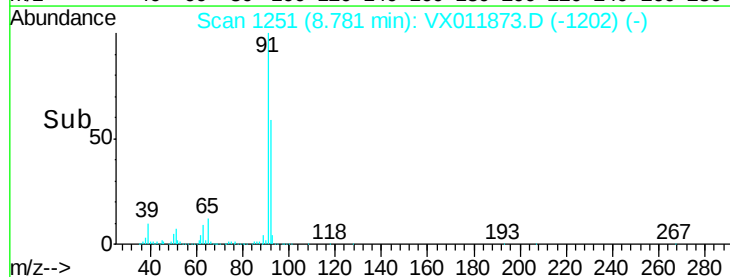
1500000

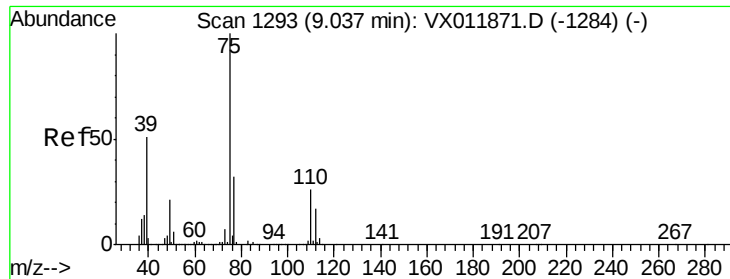
1000000

500000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 131.835 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX011873.D

Acq: 28 Aug 2019 12:53

Instrument :

MSVOA_X

ClientSampleId :

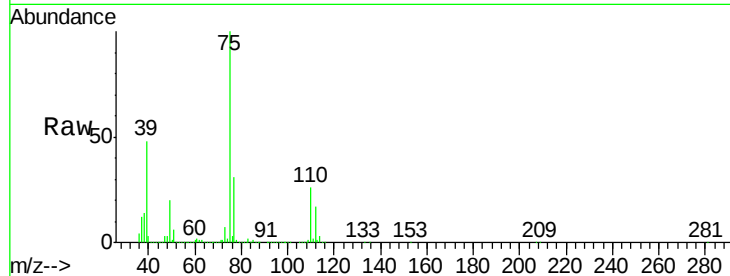
VSTDIC150

Tot Ion: 75 Resp: 575971

Ion Ratio Lower Upper

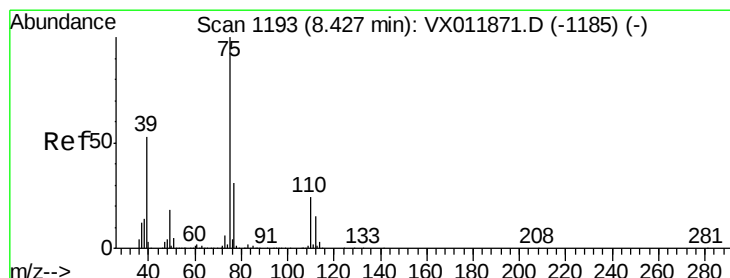
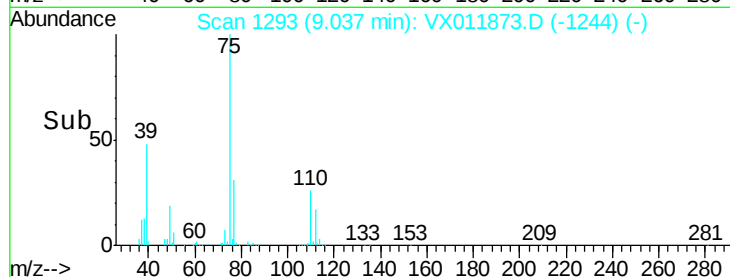
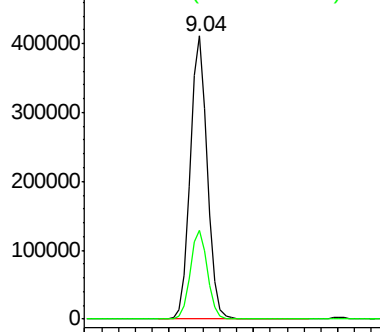
75 100

77 31.2 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 144.667 ug/l

RT: 8.43 min Scan# 1193

Delta R.T. -0.00 min

Lab File: VX011873.D

Acq: 28 Aug 2019 12:53

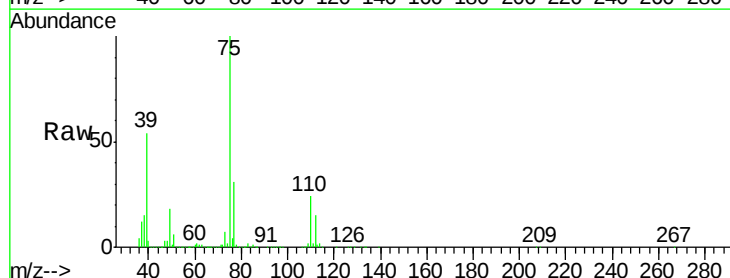
Tgt Ion: 75 Resp: 704496

Ion Ratio Lower Upper

75 100

77 31.4 24.9 37.3

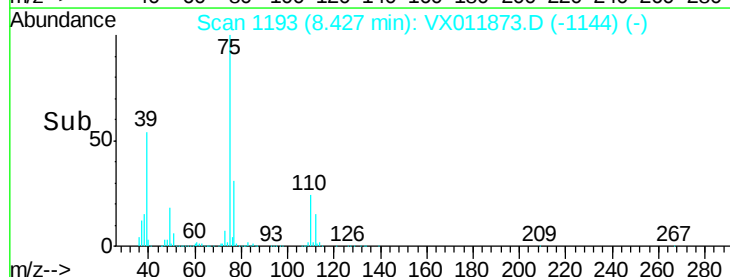
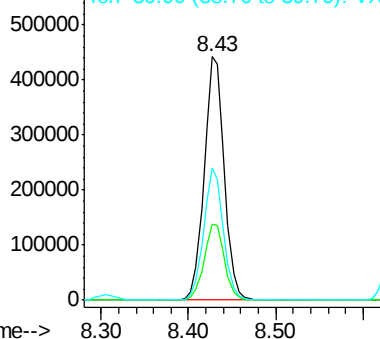
39 54.2 42.2 63.4

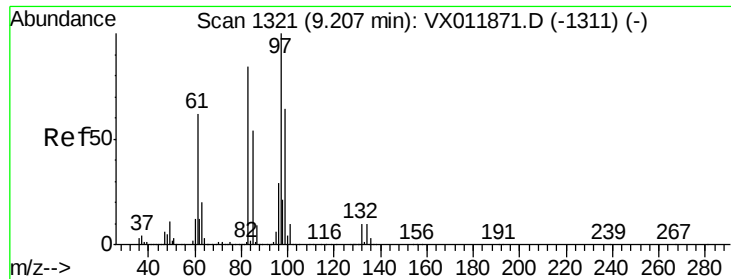


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

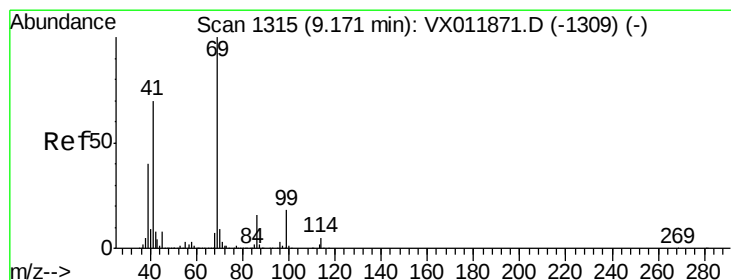
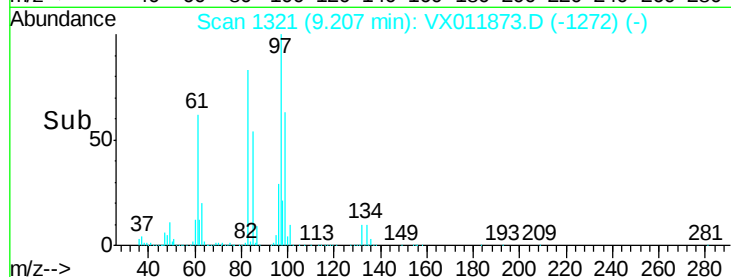
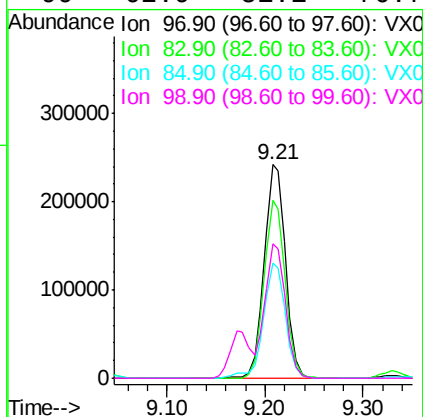
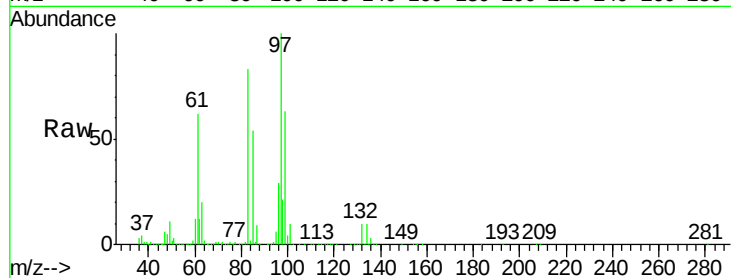




#55
 1,1,2-Trichloroethane
 Concen: 126.552 ug/l
 RT: 9.21 min Scan# 1321
 Delta R.T. -0.00 min
 Lab File: VX011873.D
 Acq: 28 Aug 2019 12:53

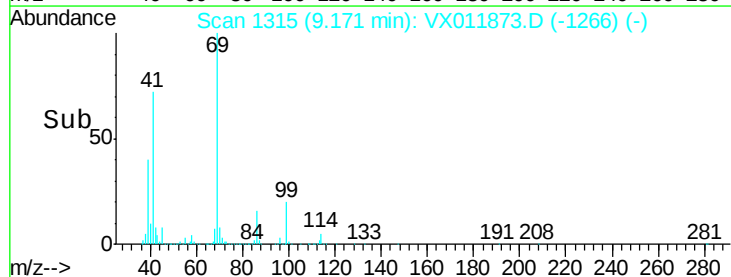
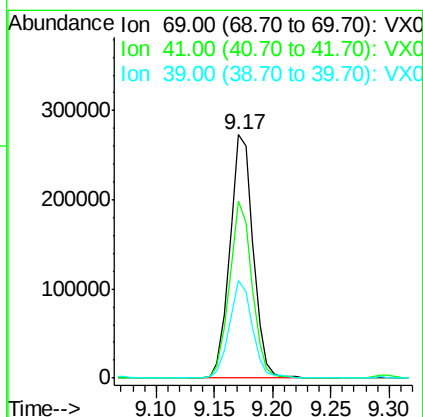
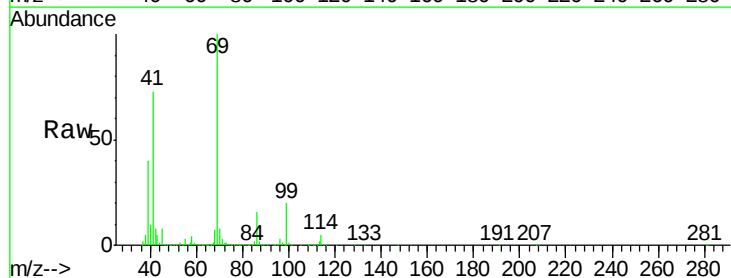
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

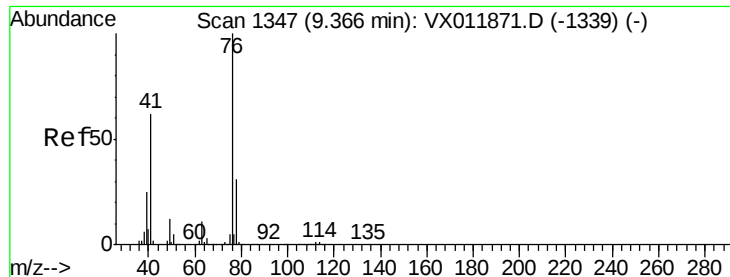
Tot Ion:	97	Resp:	368000
Ion	Ratio	Lower	Upper
97	100		
83	83.1	67.6	101.4
85	54.0	42.9	64.3
99	62.9	51.1	76.7



#56
 Ethyl methacrylate
 Concen: 95.114 ug/l
 RT: 9.17 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VX011873.D
 Acq: 28 Aug 2019 12:53

Tgt Ion:	69	Resp:	379917
Ion	Ratio	Lower	Upper
69	100		
41	70.1	55.9	83.9
39	39.4	31.9	47.9





#57

1,3-Dichloropropane

Concen: 123.425 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.00 min

Lab File: VX011873.D

Acq: 28 Aug 2019 12:53

Instrument :

MSVOA_X

ClientSampleId :

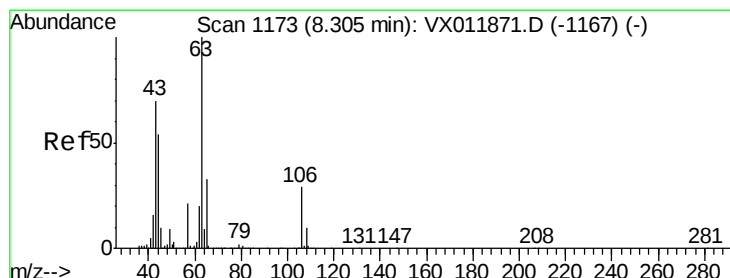
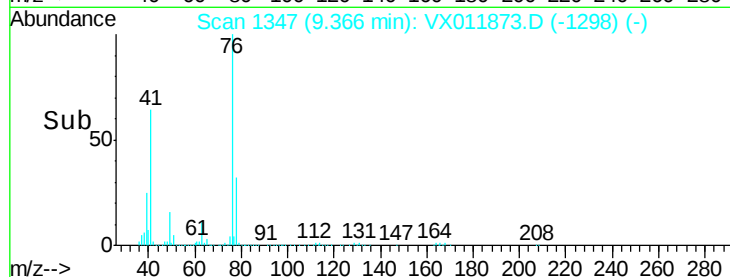
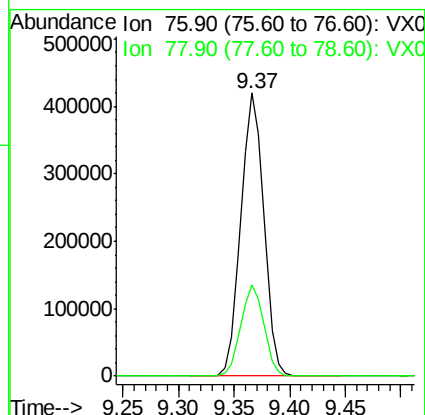
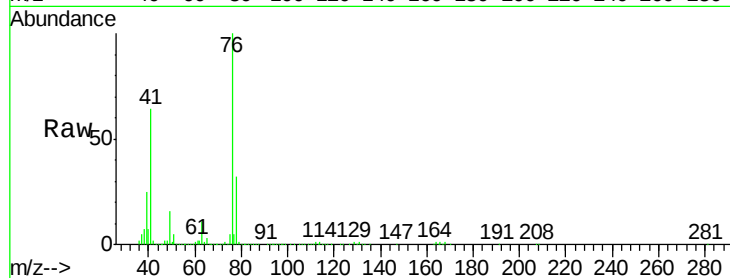
VSTDIC150

Tot Ion: 76 Resp: 602482

Ion Ratio Lower Upper

76 100

78 32.2 25.4 38.0



#58

2-Chloroethyl Vinyl ether

Concen: 313.152 ug/l

RT: 8.31 min Scan# 1173

Delta R.T. -0.00 min

Lab File: VX011873.D

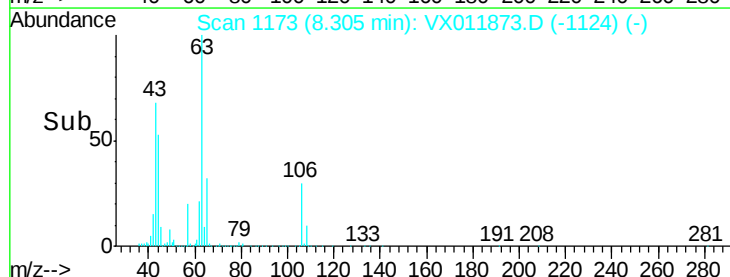
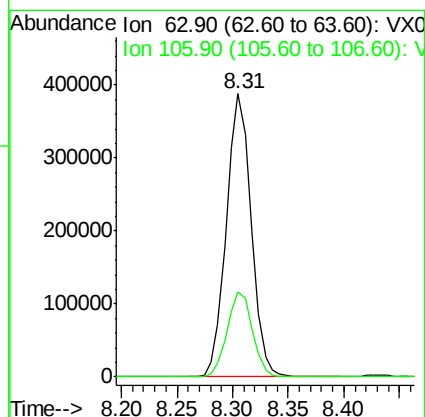
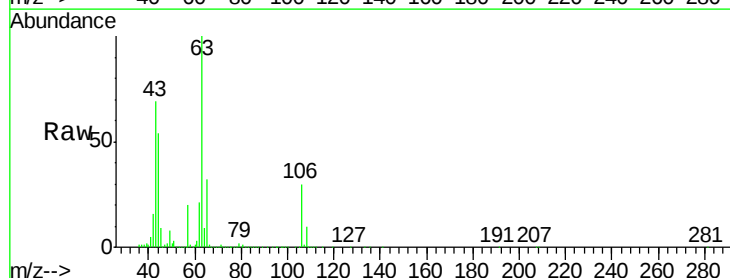
Acq: 28 Aug 2019 12:53

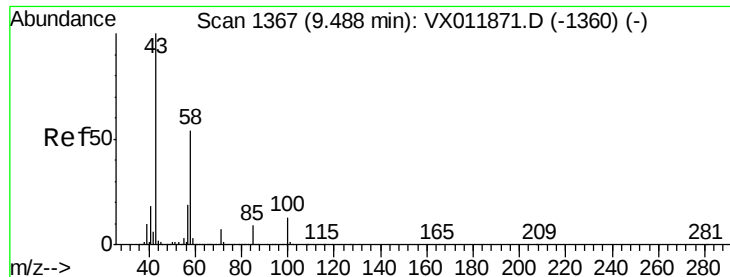
Tgt Ion: 63 Resp: 598387

Ion Ratio Lower Upper

63 100

106 30.7 24.6 36.8

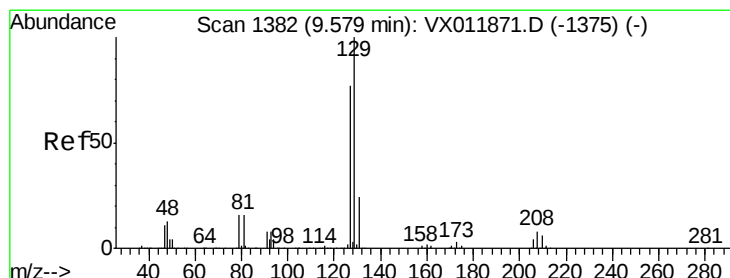
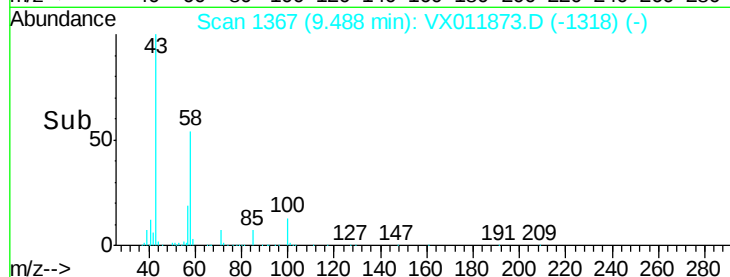
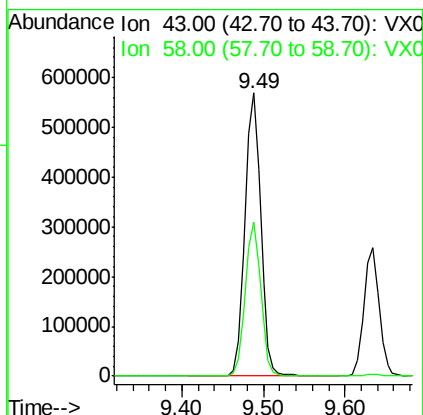
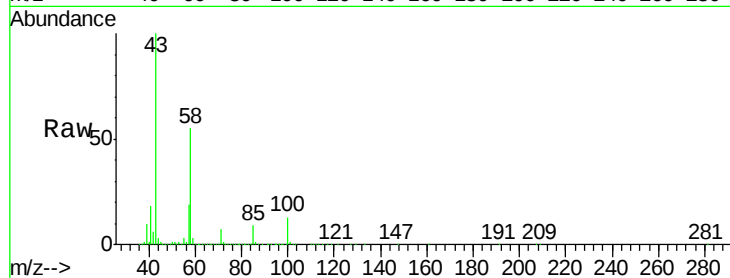




#59
2-Hexanone
Concen: 281.038 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX011873.D
Acq: 28 Aug 2019 12:53

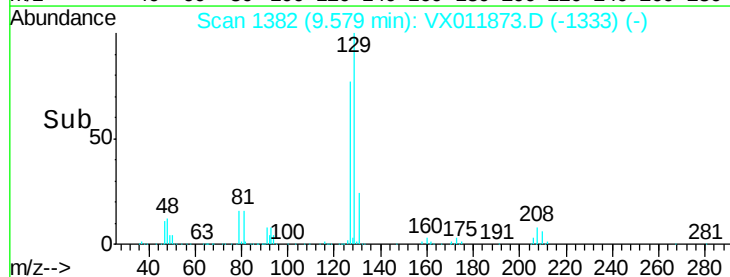
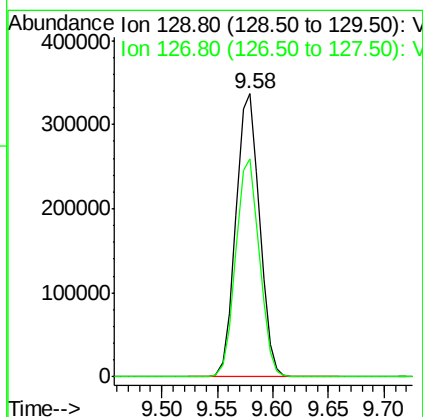
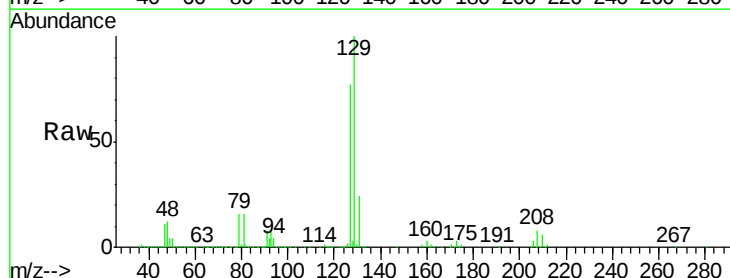
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

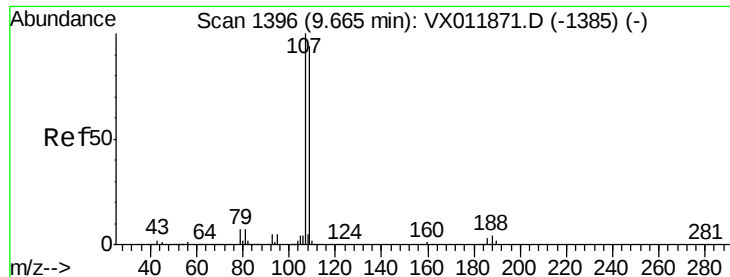
Tot Ion: 43 Resp: 761179
Ion Ratio Lower Upper
43 100
58 53.7 26.7 80.1



#60
Dibromochloromethane
Concen: 169.331 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX011873.D
Acq: 28 Aug 2019 12:53

Tgt Ion: 129 Resp: 495891
Ion Ratio Lower Upper
129 100
127 76.9 38.3 114.8

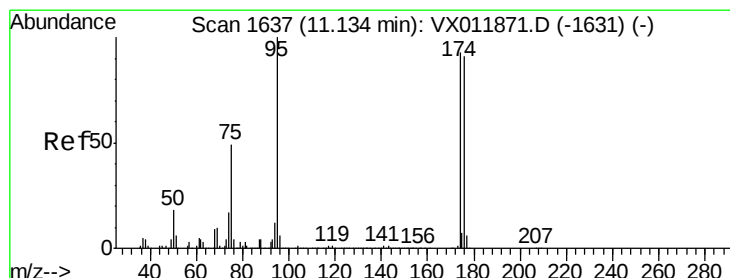
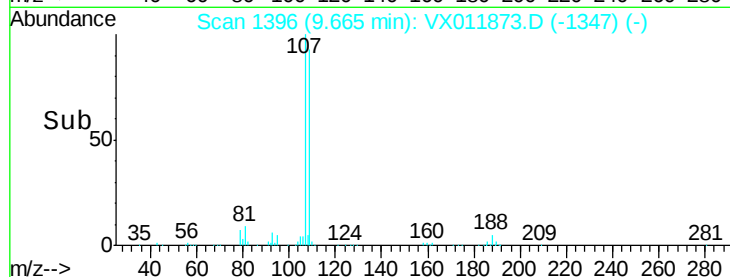
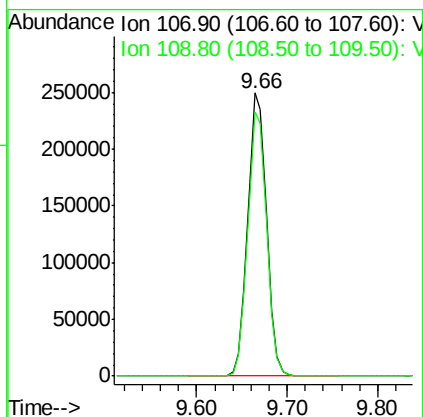
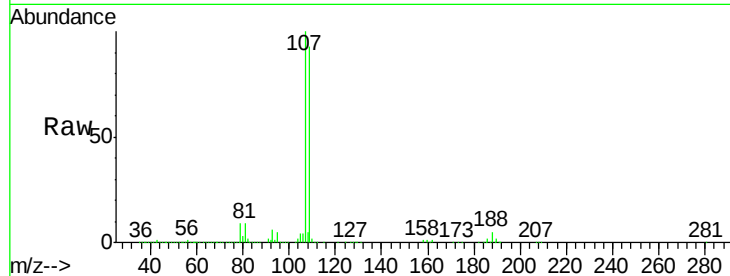




#61
 1,2-Dibromoethane
 Concen: 120.696 ug/l
 RT: 9.66 min Scan# 1396
 Delta R.T. -0.00 min
 Lab File: VX011873.D
 Acq: 28 Aug 2019 12:53

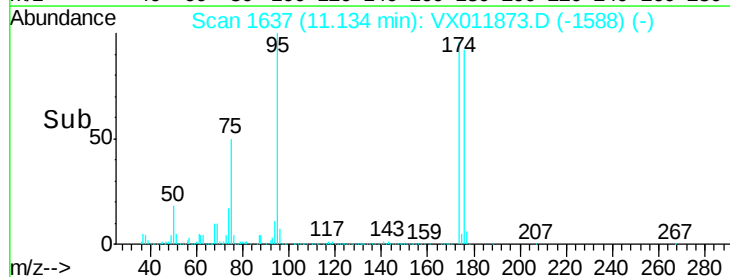
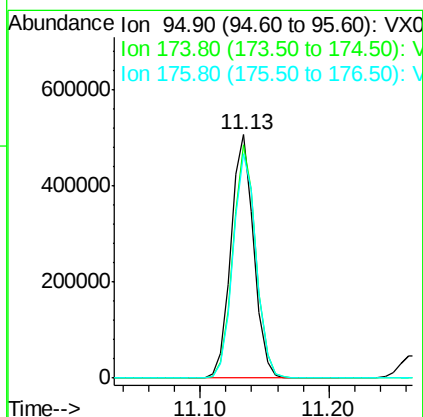
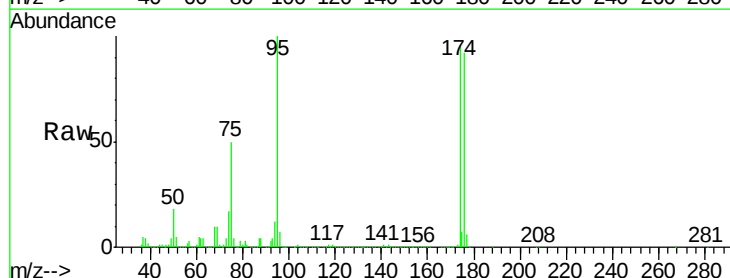
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

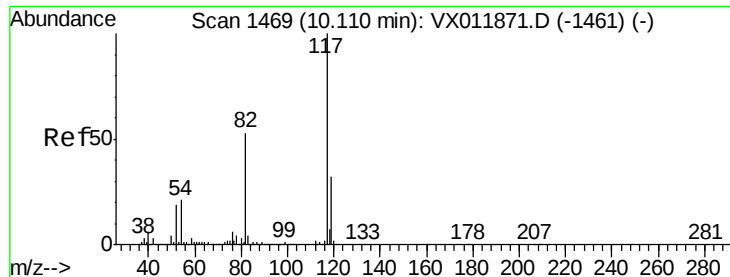
Tot Ion:107 Resp: 358343
 Ion Ratio Lower Upper
 107 100
 109 94.2 75.5 113.3



#62
 4-Bromofluorobenzene
 Concen: 136.789 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VX011873.D
 Acq: 28 Aug 2019 12:53

Tgt Ion: 95 Resp: 624931
 Ion Ratio Lower Upper
 95 100
 174 96.0 0.0 189.2
 176 93.8 0.0 185.6

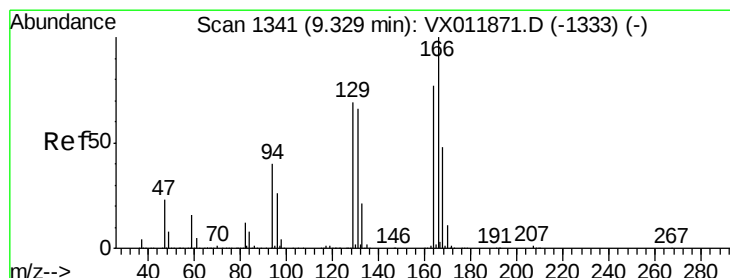
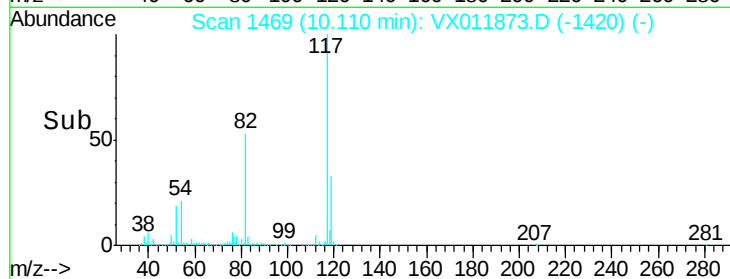
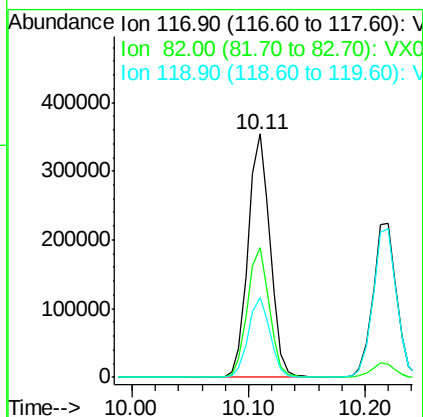
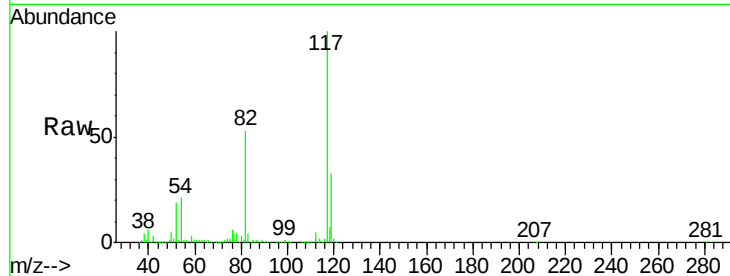




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011873.D
Acq: 28 Aug 2019 12:53

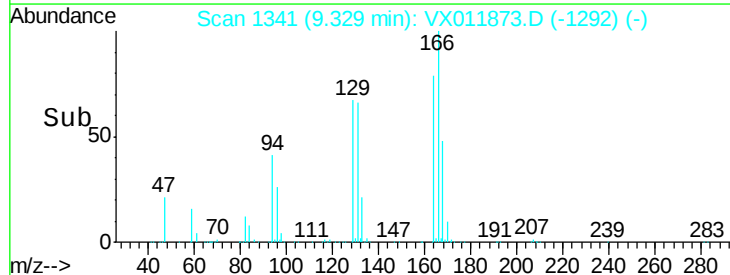
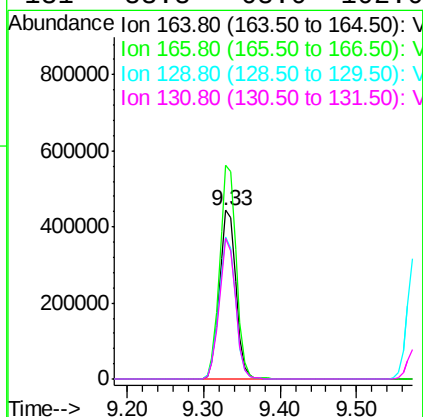
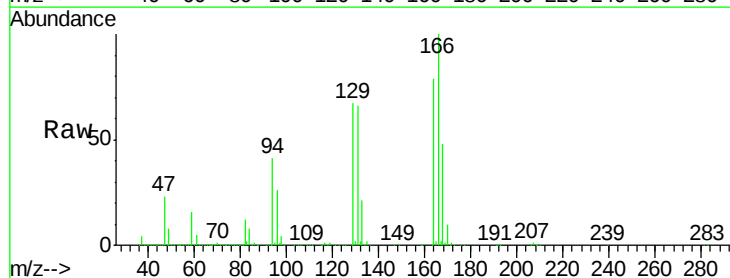
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

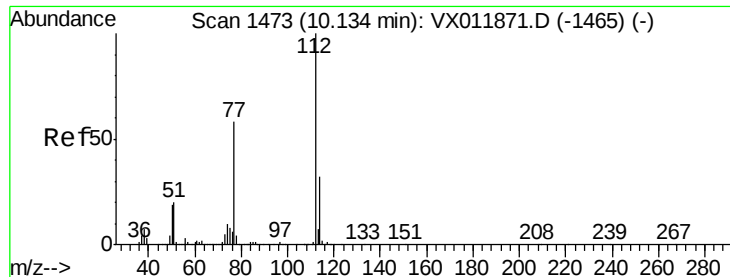
Tot Ion:117 Resp: 468522
Ion Ratio Lower Upper
117 100
82 53.2 42.4 63.6
119 32.6 25.5 38.3



#64
Tetrachloroethene
Concen: 178.585 ug/l
RT: 9.33 min Scan# 1341
Delta R.T. -0.00 min
Lab File: VX011873.D
Acq: 28 Aug 2019 12:53

Tgt Ion:164 Resp: 657677
Ion Ratio Lower Upper
164 100
166 126.8 103.6 155.4
129 84.5 71.4 107.2
131 83.8 68.0 102.0

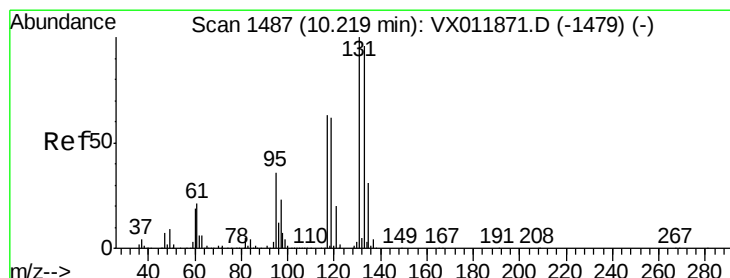
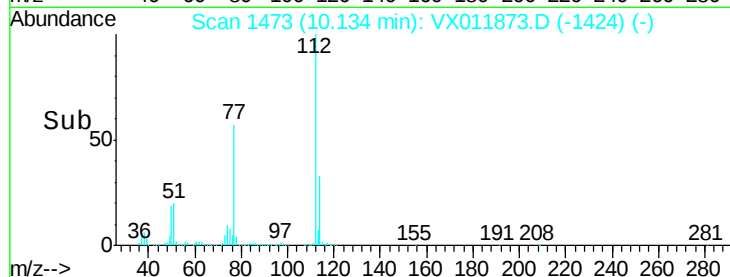
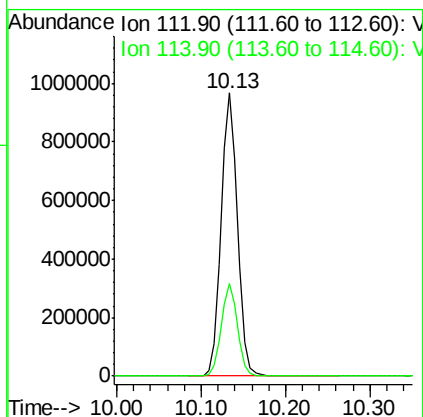
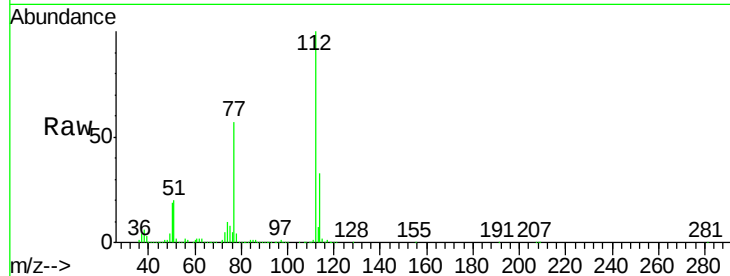




#65
Chlorobenzene
Concen: 132.634 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX011873.D
Acq: 28 Aug 2019 12:53

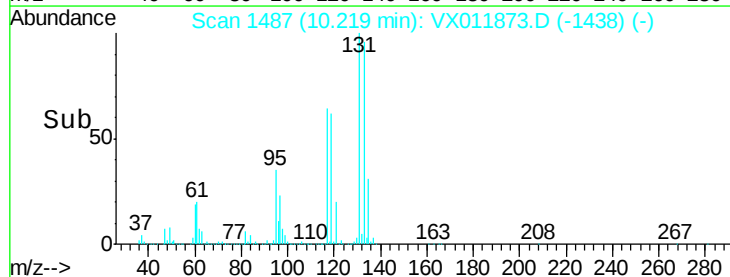
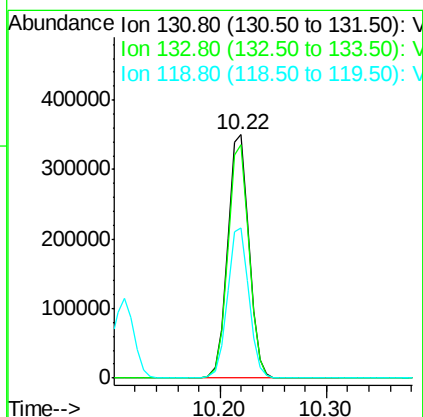
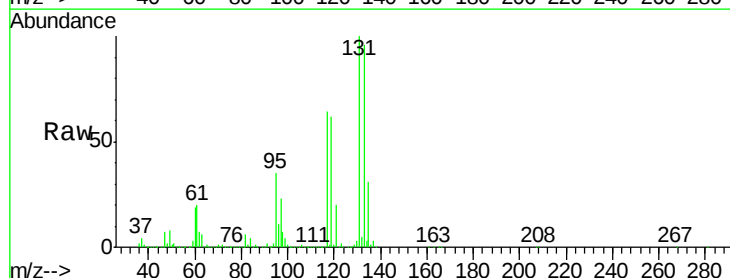
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

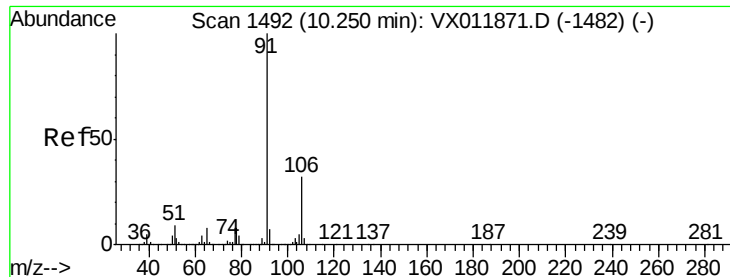
Tot Ion:112 Resp: 1298575
Ion Ratio Lower Upper
112 100
114 32.9 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 153.490 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX011873.D
Acq: 28 Aug 2019 12:53

Tgt Ion:131 Resp: 490058
Ion Ratio Lower Upper
131 100
133 95.4 47.8 143.3
119 62.0 31.1 93.5





#67

Ethyl Benzene

Concen: 133.412 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX011873.D

Acq: 28 Aug 2019 12:53

Instrument :

MSVOA_X

ClientSampled :

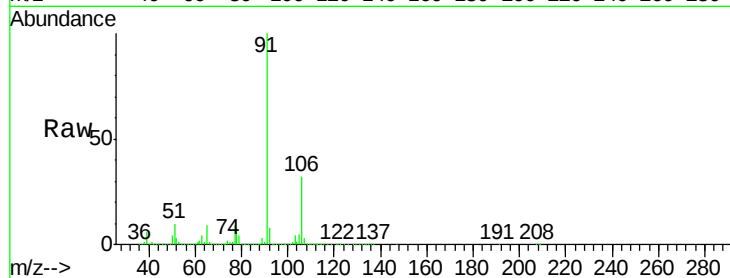
VSTDIC150

Tot Ion: 91 Resp: 2205534

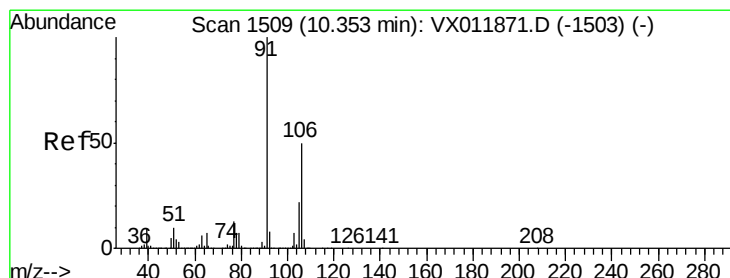
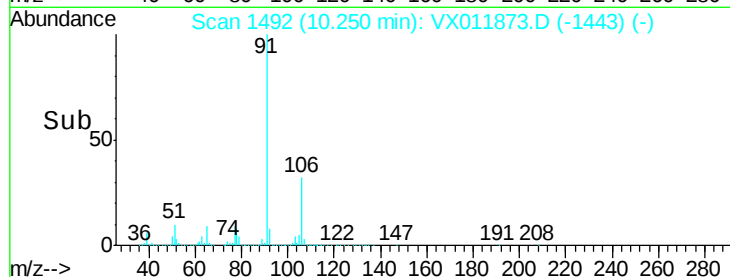
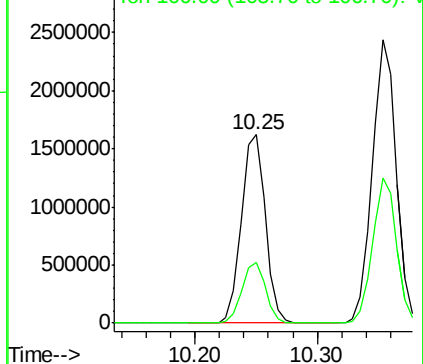
Ion Ratio Lower Upper

91 100

106 32.5 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): VX011873.D (-1482) (-)



#68

m/p-Xylenes

Concen: 261.446 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.00 min

Lab File: VX011873.D

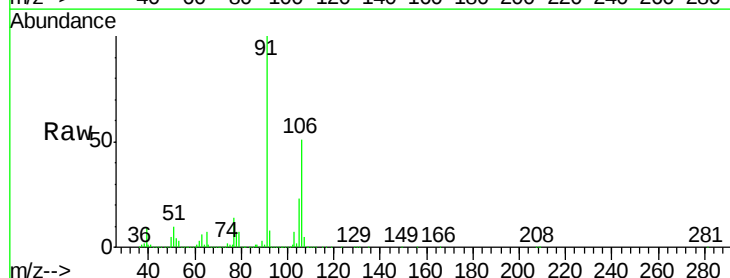
Acq: 28 Aug 2019 12:53

Tgt Ion: 106 Resp: 1690759

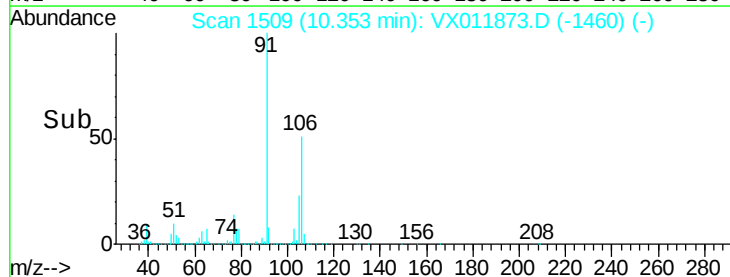
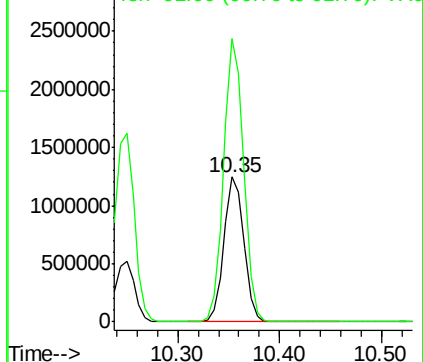
Ion Ratio Lower Upper

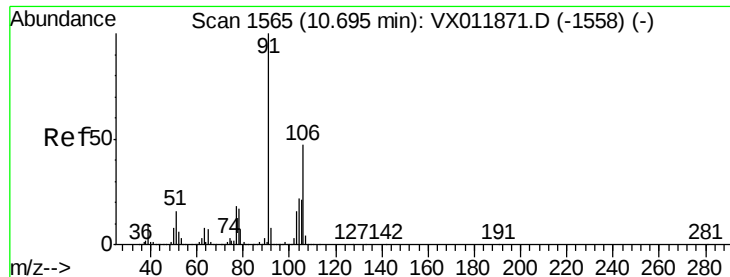
106 100

91 195.6 158.9 238.3



Abundance Ion 106.00 (105.70 to 106.70): VX011873.D (-1503) (-)

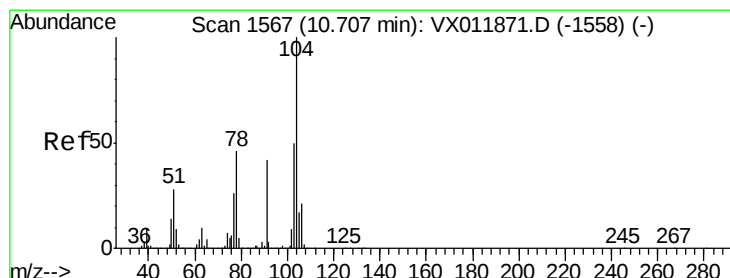
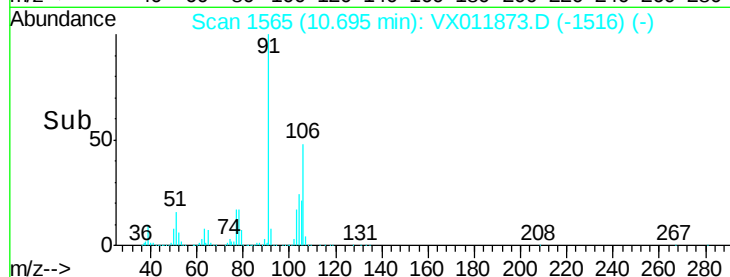
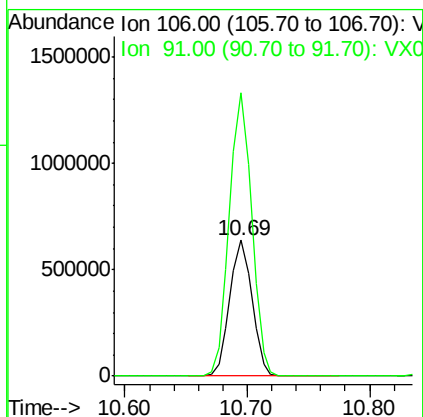
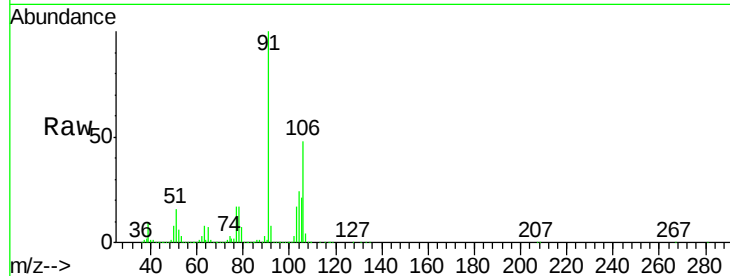




#69
o-Xylene
Concen: 134.850 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011873.D
Acq: 28 Aug 2019 12:53

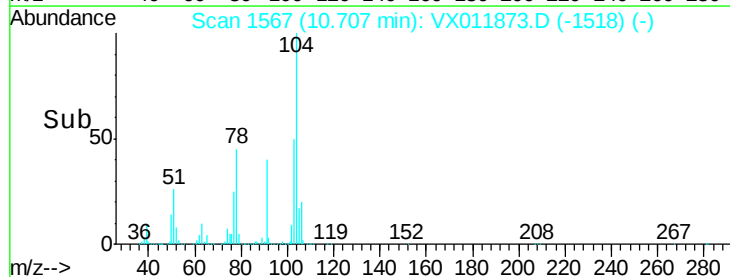
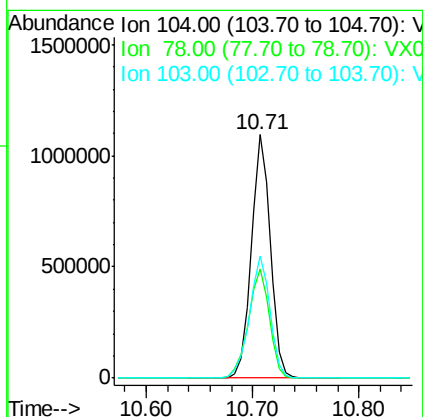
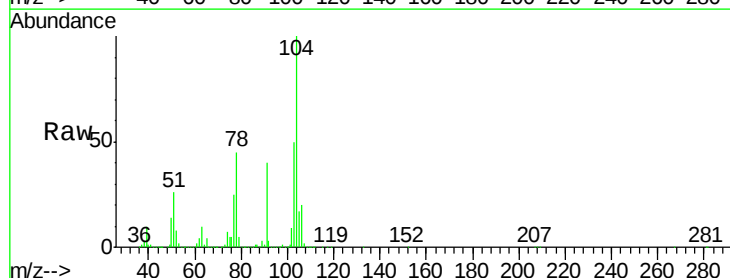
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

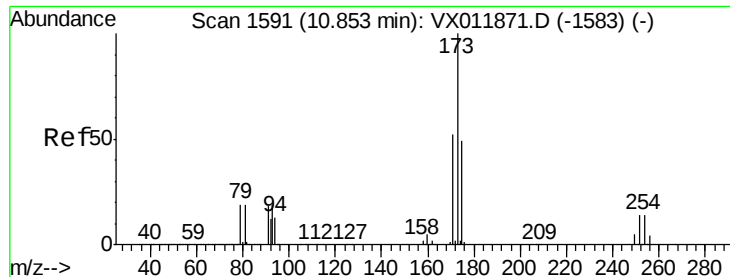
Tot Ion:106 Resp: 809751
Ion Ratio Lower Upper
106 100
91 208.7 105.6 316.8



#70
Styrene
Concen: 135.502 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX011873.D
Acq: 28 Aug 2019 12:53

Tgt Ion:104 Resp: 1368879
Ion Ratio Lower Upper
104 100
78 50.1 40.4 60.6
103 54.5 43.5 65.3





#71

Bromoform

Concen: 152.769 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX011873.D

Acq: 28 Aug 2019 12:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

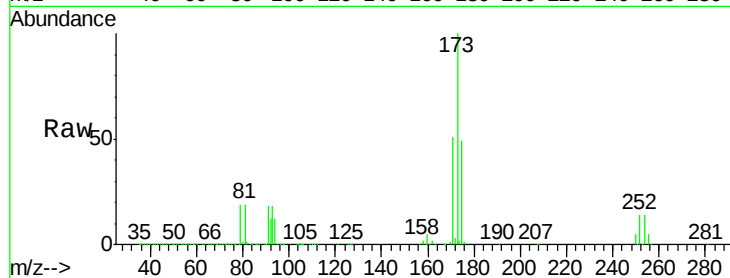
Tot Ion:173 Resp: 335368

Ion Ratio Lower Upper

173 100

175 48.9 23.8 71.2

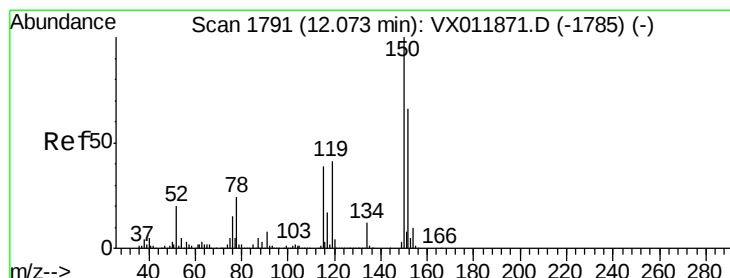
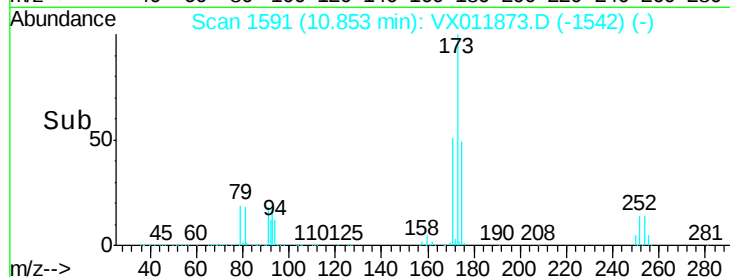
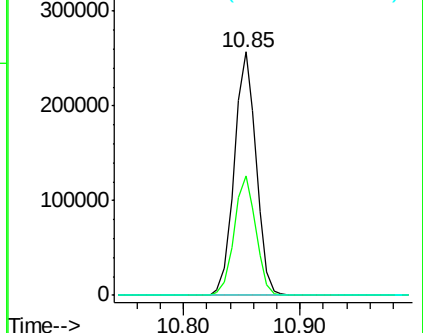
254 0.1 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX011873.D

Acq: 28 Aug 2019 12:53

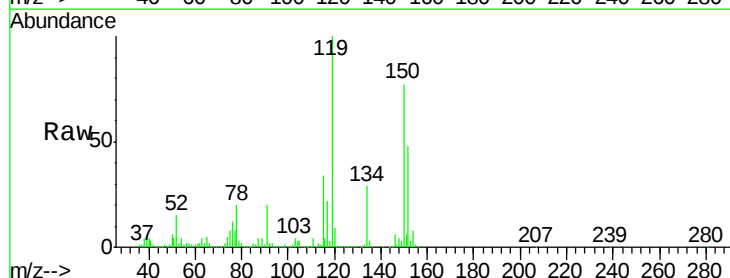
Tgt Ion:152 Resp: 253803

Ion Ratio Lower Upper

152 100

115 109.1 36.0 108.1#

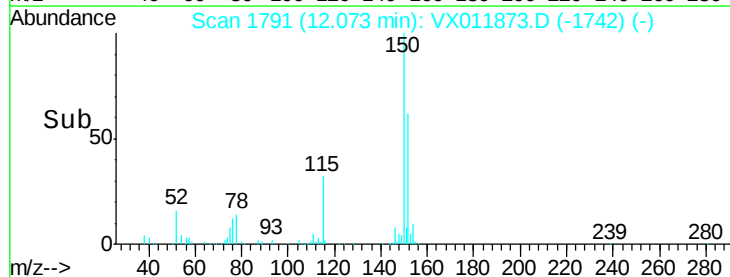
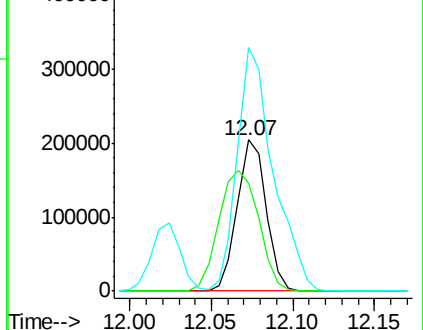
150 200.5 0.0 341.4

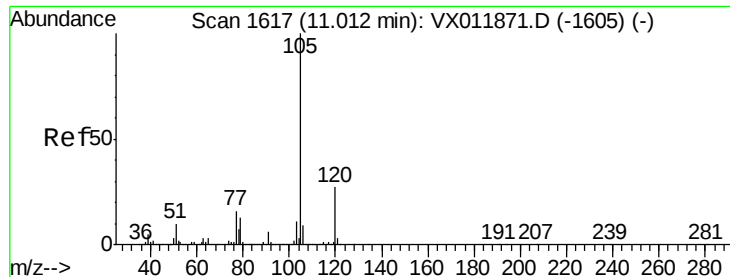


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 133.319 ug/l

RT: 11.01 min Scan# 1617

Delta R.T. -0.00 min

Lab File: VX011873.D

Acq: 28 Aug 2019 12:53

Instrument :

MSVOA_X

ClientSampleId :

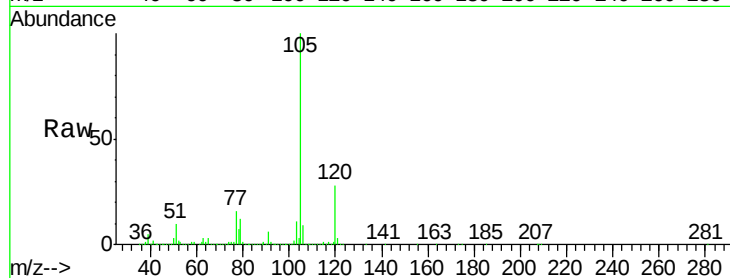
VSTDIC150

Tot Ion:105 Resp: 2118286

Ion Ratio Lower Upper

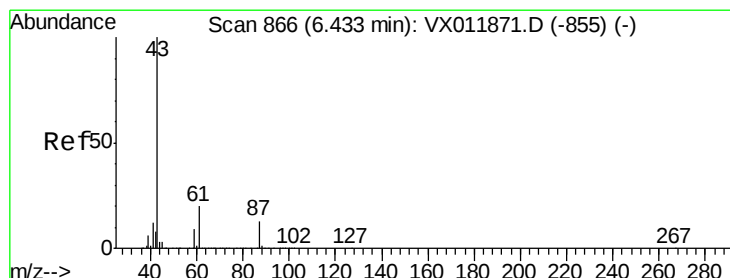
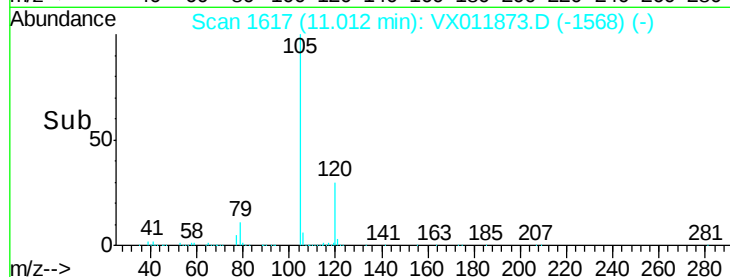
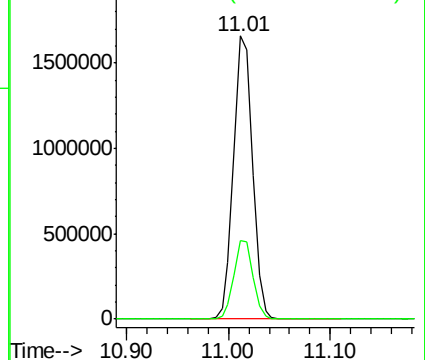
105 100

120 27.9 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 101.060 ug/l

RT: 6.43 min Scan# 866

Delta R.T. -0.00 min

Lab File: VX011873.D

Acq: 28 Aug 2019 12:53

Tgt Ion: 43 Resp: 569144

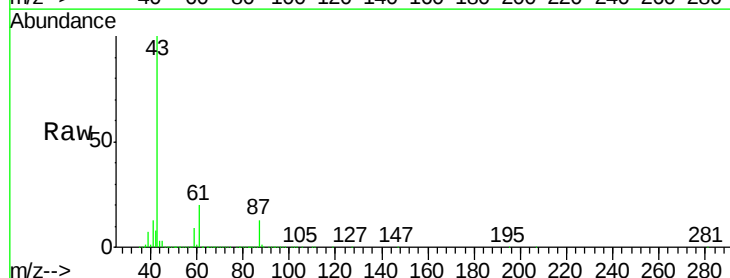
Ion Ratio Lower Upper

43 100

70 0.0 0.1 0.1#

55 0.0 0.1 0.1#

61 19.6 15.6 23.4

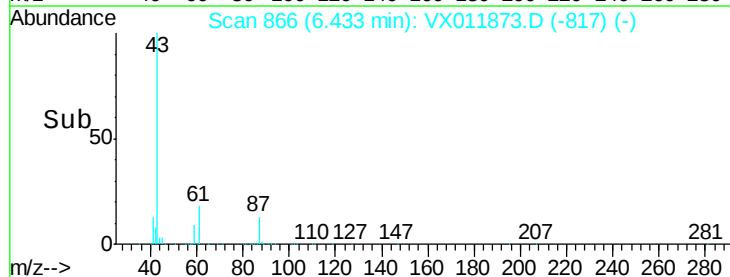
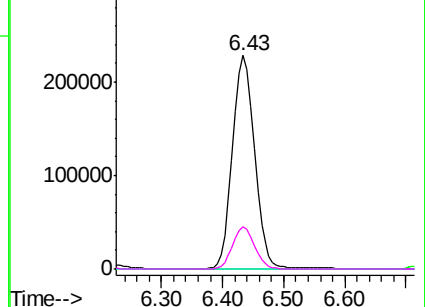


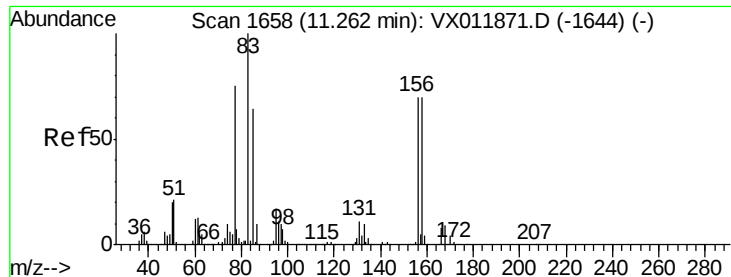
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 88.806 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.00 min

Lab File: VX011873.D

Acq: 28 Aug 2019 12:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

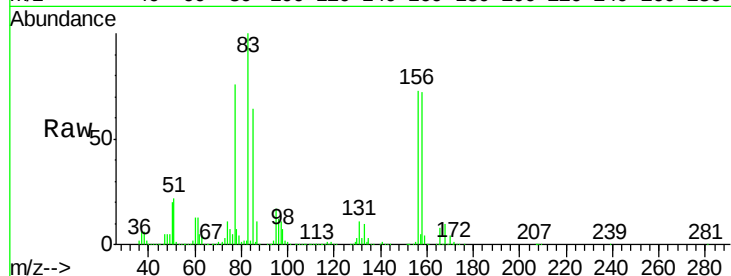
Tot Ion: 83 Resp: 366841

Ion Ratio Lower Upper

83 100

131 12.0 6.0 18.1

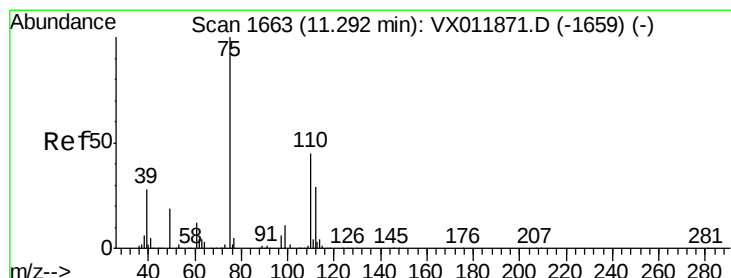
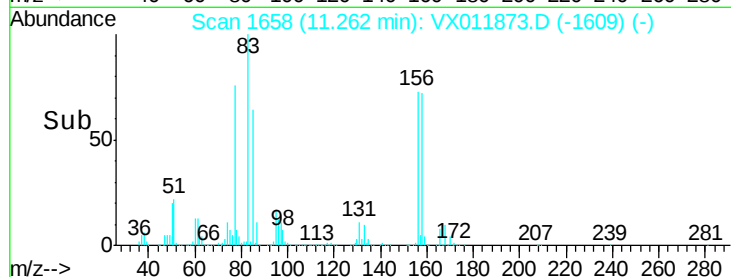
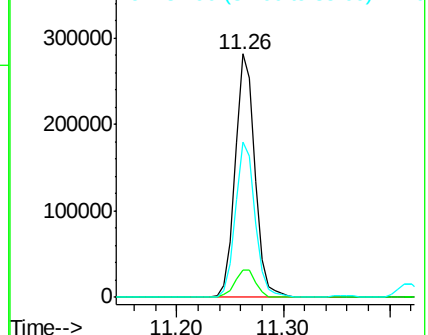
85 63.7 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 81.977 ug/l m

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX011873.D

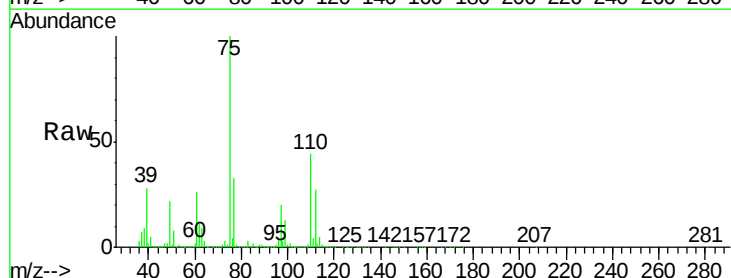
Acq: 28 Aug 2019 12:53

Tgt Ion: 75 Resp: 286784

Ion Ratio Lower Upper

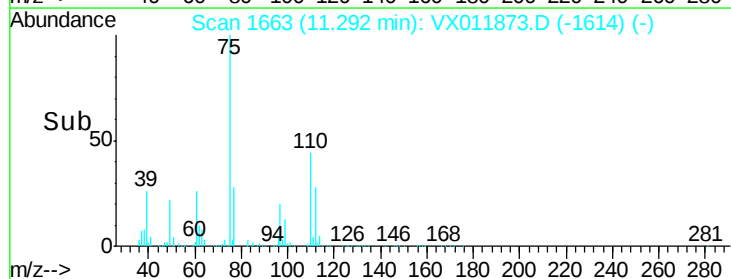
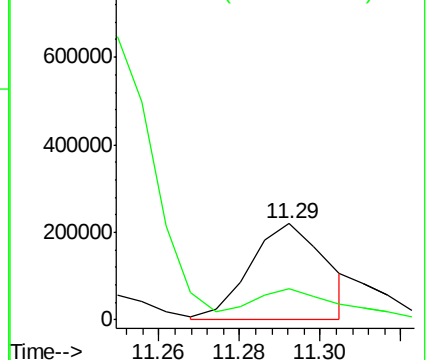
75 100

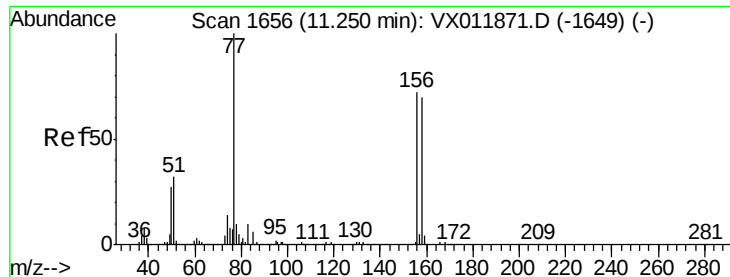
77 38.8 19.5 58.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 145.458 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.00 min

Lab File: VX011873.D

Acq: 28 Aug 2019 12:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

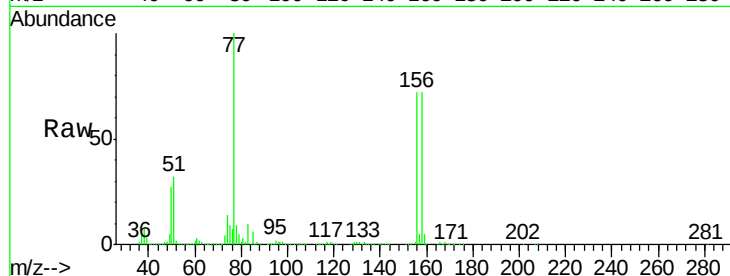
Tot Ion:156 Resp: 602540

Ion Ratio Lower Upper

156 100

77 137.5 69.4 208.2

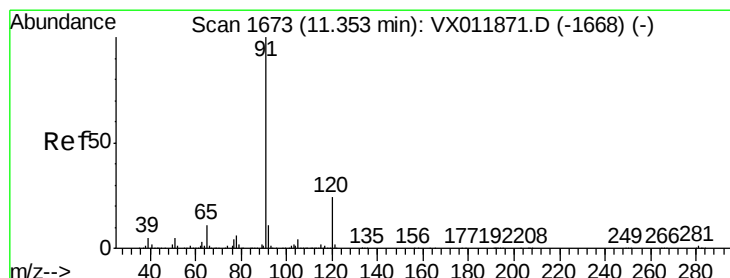
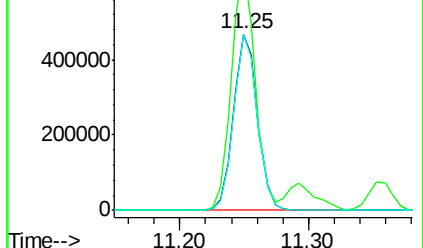
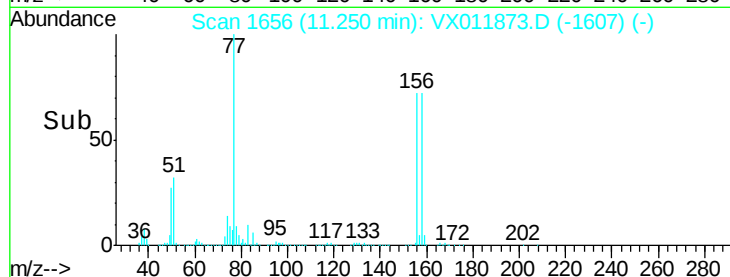
158 98.4 48.2 144.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 123.367 ug/l

RT: 11.35 min Scan# 1673

Delta R.T. -0.00 min

Lab File: VX011873.D

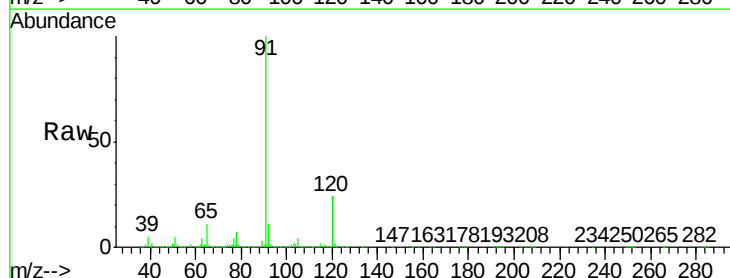
Acq: 28 Aug 2019 12:53

Tgt Ion: 91 Resp: 2374693

Ion Ratio Lower Upper

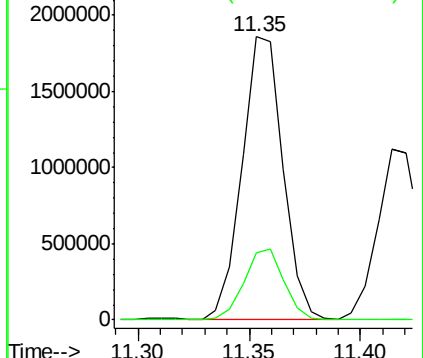
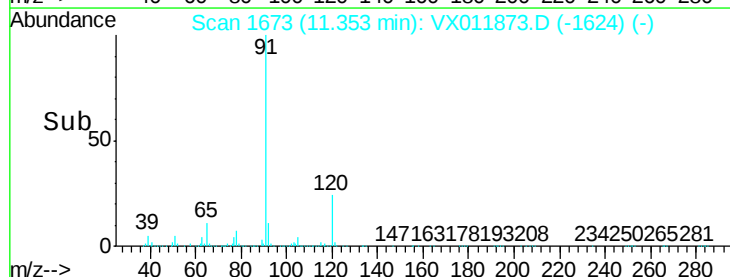
91 100

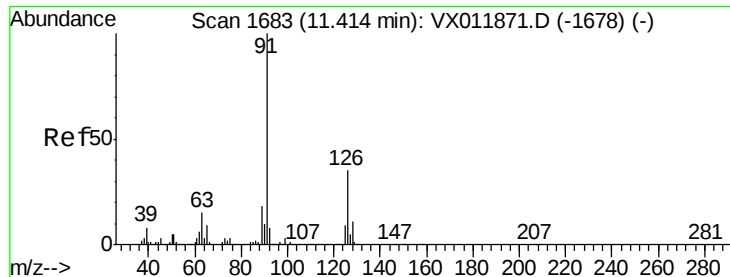
120 24.7 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 133.188 ug/l

RT: 11.41 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VX011873.D

Acq: 28 Aug 2019 12:53

Instrument :

MSVOA_X

ClientSampleId :

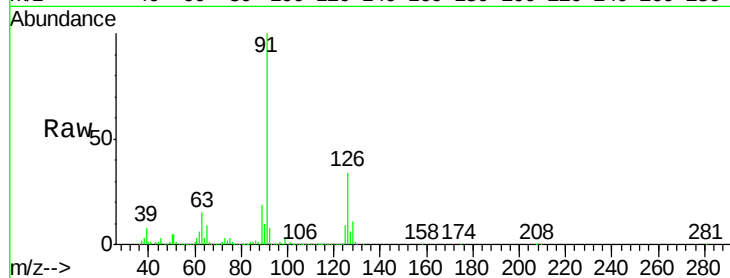
VSTDIC150

Tot Ion: 91 Resp: 1455549

Ion Ratio Lower Upper

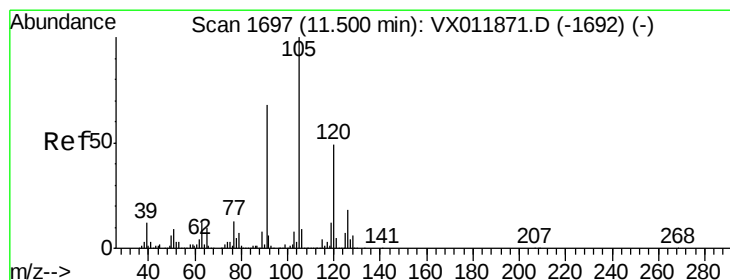
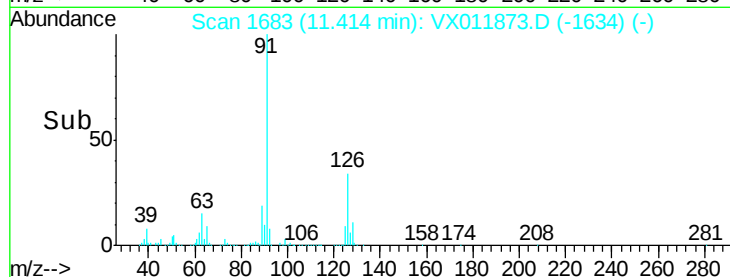
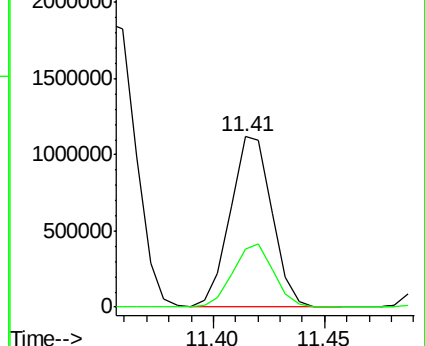
91 100

126 36.2 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 132.169 ug/l

RT: 11.50 min Scan# 1697

Delta R.T. -0.00 min

Lab File: VX011873.D

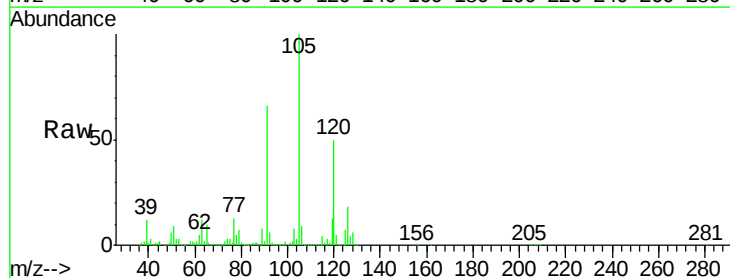
Acq: 28 Aug 2019 12:53

Tgt Ion:105 Resp: 1792475

Ion Ratio Lower Upper

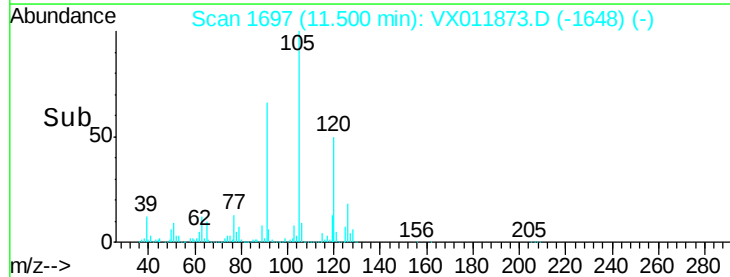
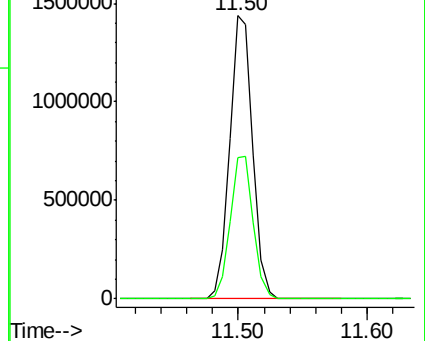
105 100

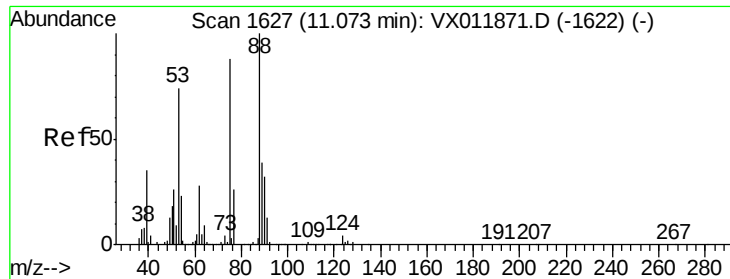
120 50.6 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

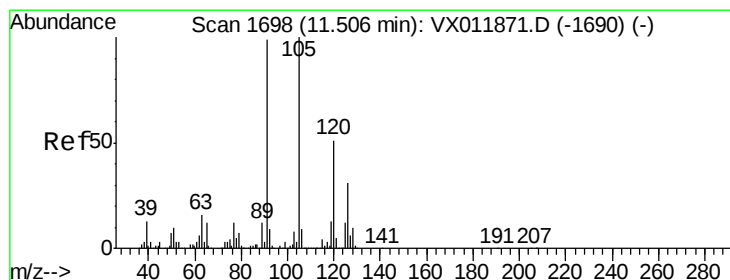
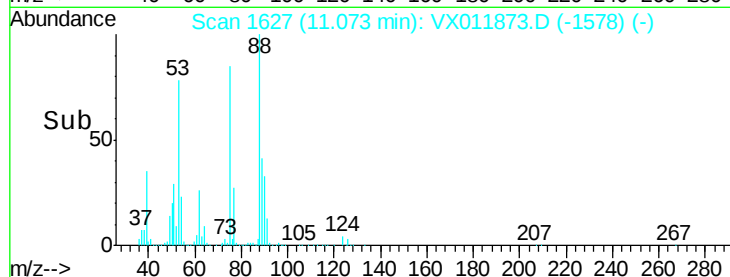
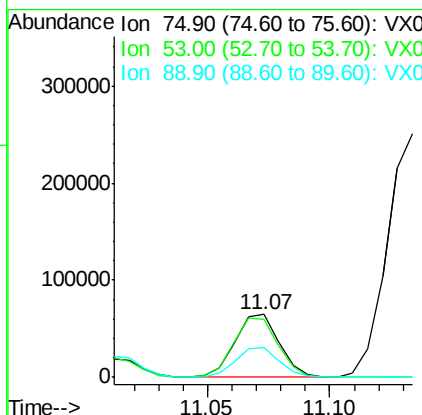
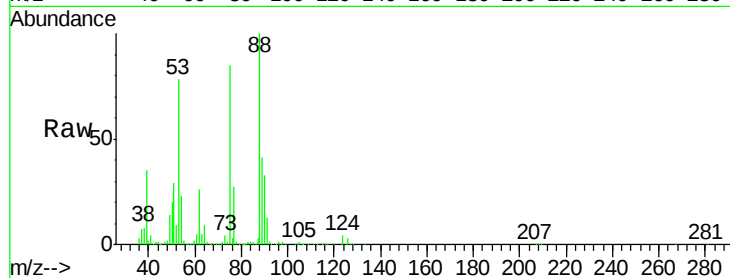




#81
trans-1,4-Dichloro-2-butene
Concen: 69.197 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX011873.D
Acq: 28 Aug 2019 12:53

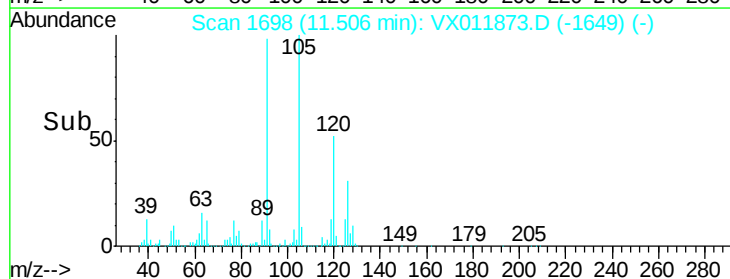
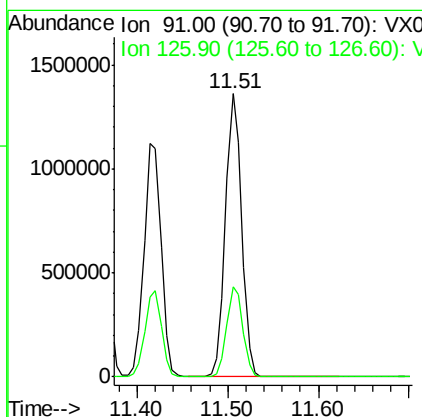
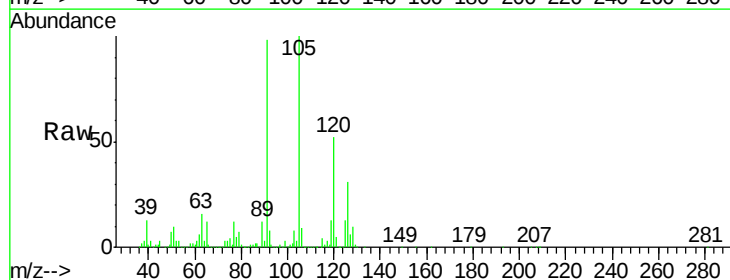
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

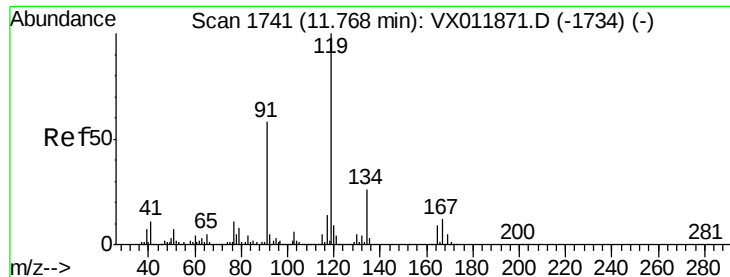
Tot Ion: 75 Resp: 81726
Ion Ratio Lower Upper
75 100
53 94.8 73.3 109.9
89 48.2 37.4 56.0



#82
4-Chlorotoluene
Concen: 127.622 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX011873.D
Acq: 28 Aug 2019 12:53

Tgt Ion: 91 Resp: 1691691
Ion Ratio Lower Upper
91 100
126 31.6 15.4 46.2





#83

tert-Butylbenzene

Concen: 127.845 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX011873.D

Acq: 28 Aug 2019 12:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

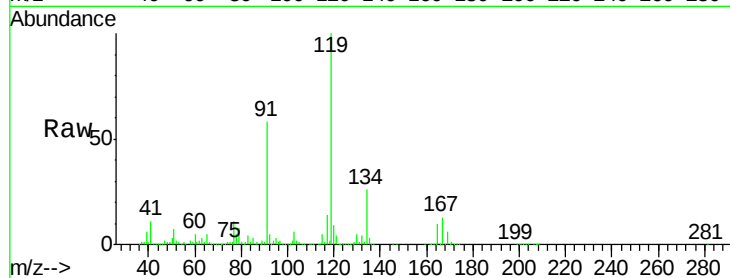
Tot Ion:119 Resp: 1714899

Ion Ratio Lower Upper

119 100

91 56.7 28.6 85.8

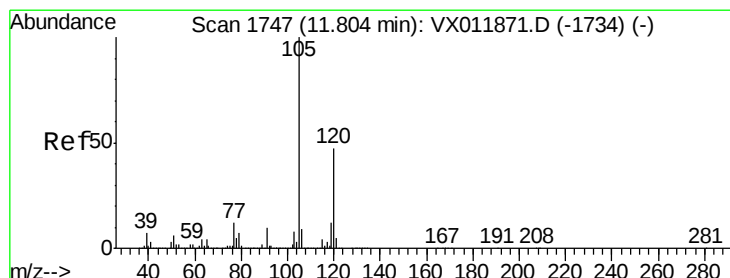
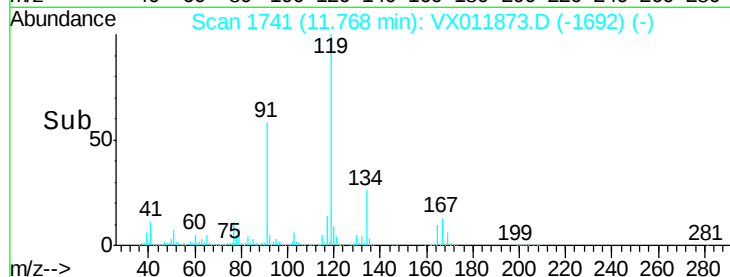
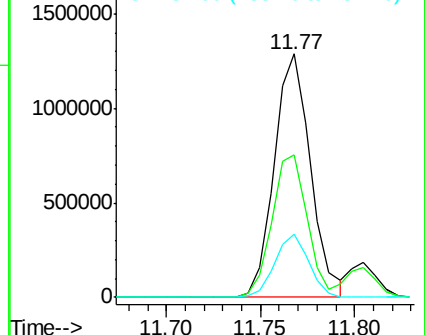
134 24.4 12.4 37.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 124.069 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX011873.D

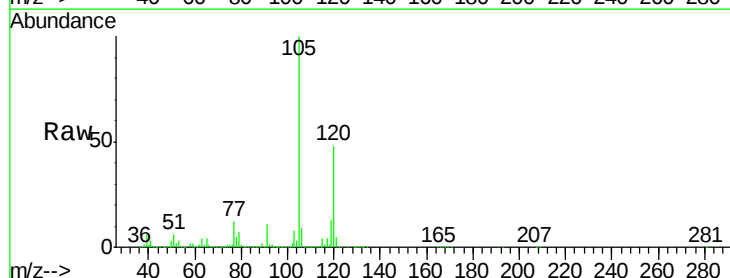
Acq: 28 Aug 2019 12:53

Tgt Ion:105 Resp: 1731946

Ion Ratio Lower Upper

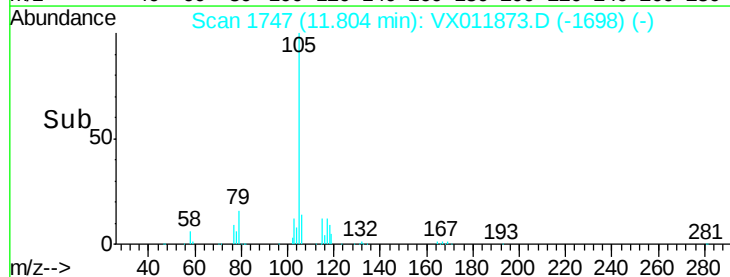
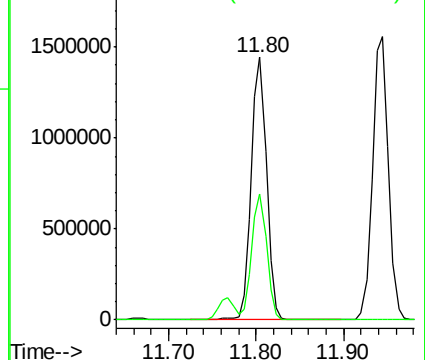
105 100

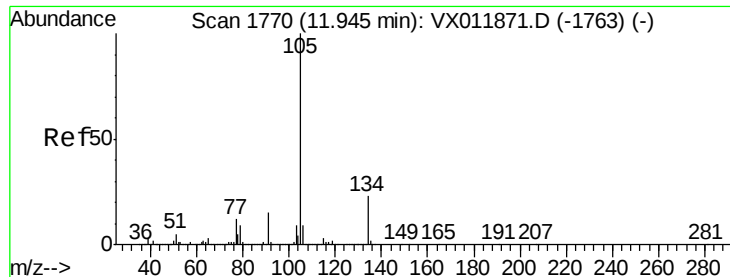
120 47.2 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 115.086 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX011873.D

Acq: 28 Aug 2019 12:53

Instrument :

MSVOA_X

ClientSampleId :

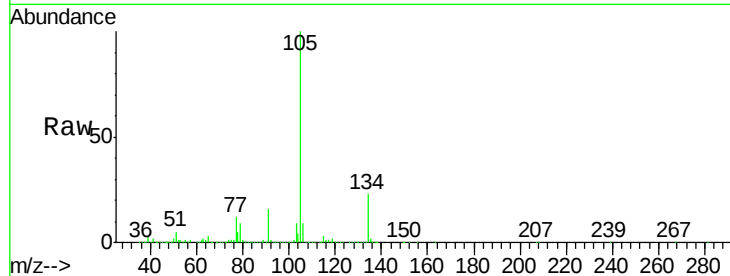
VSTDIC150

Tot Ion:105 Resp: 1974997

Ion Ratio Lower Upper

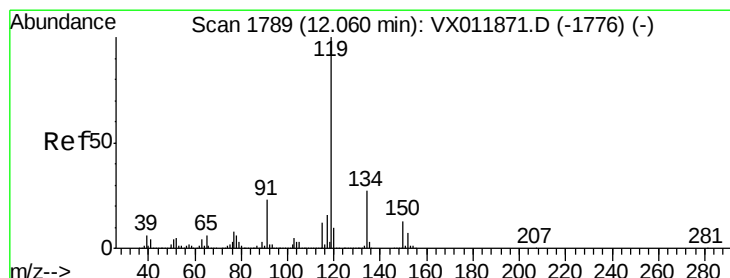
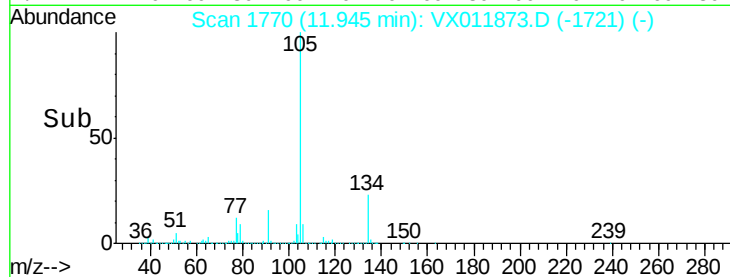
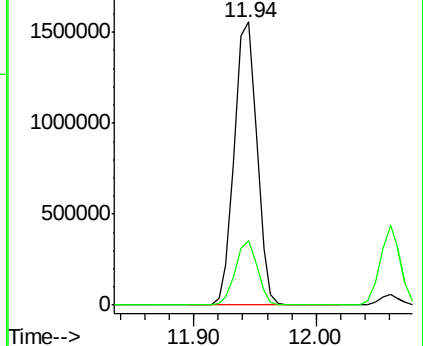
105 100

134 21.9 10.9 32.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 118.646 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX011873.D

Acq: 28 Aug 2019 12:53

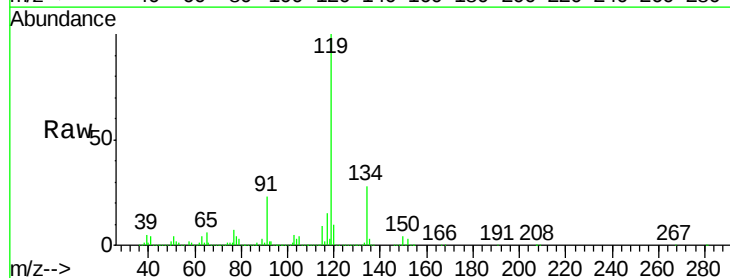
Tgt Ion:119 Resp: 1850595

Ion Ratio Lower Upper

119 100

134 27.4 13.5 40.5

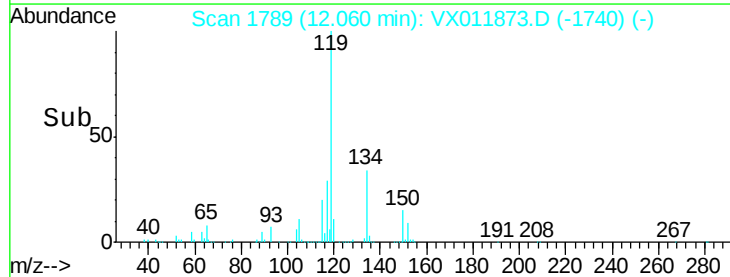
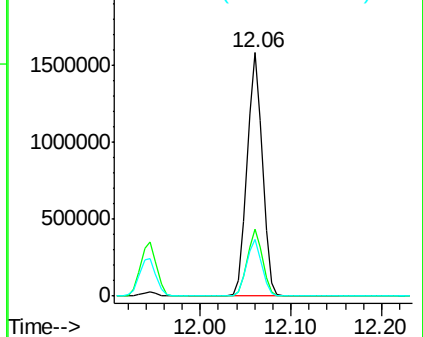
91 23.2 11.7 35.0

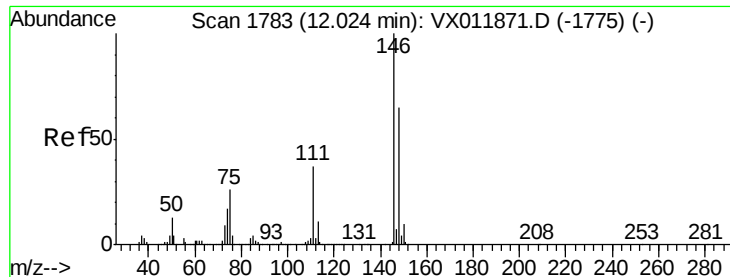


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

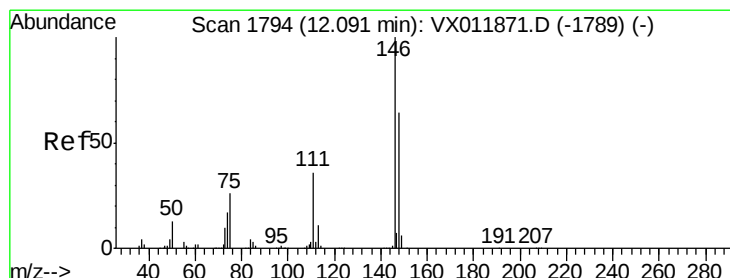
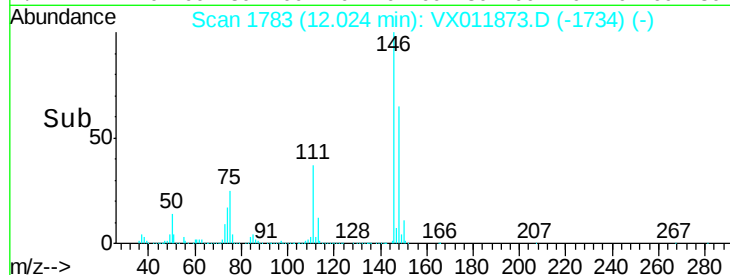
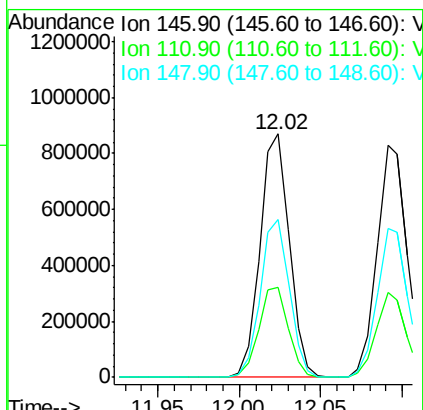
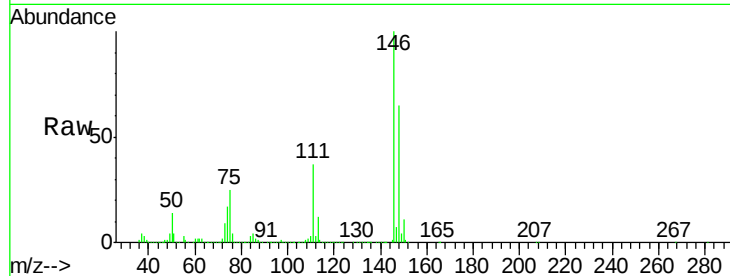




#87
 1,3-Dichlorobenzene
 Concen: 129.641 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX011873.D
 Acq: 28 Aug 2019 12:53

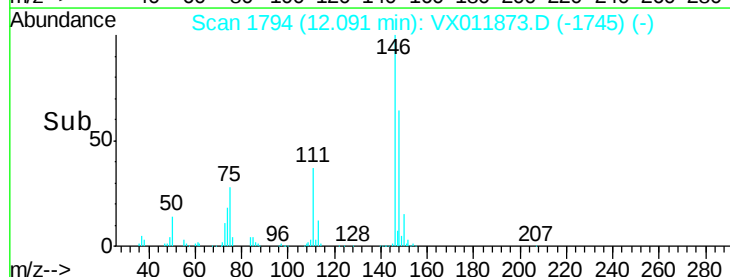
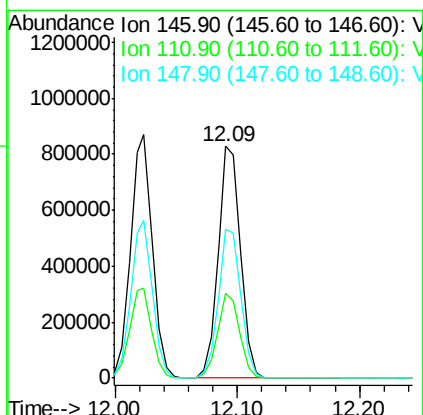
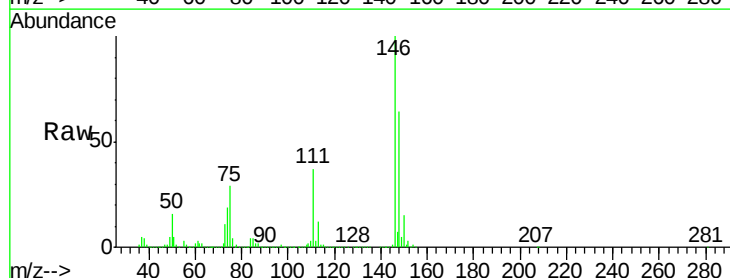
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

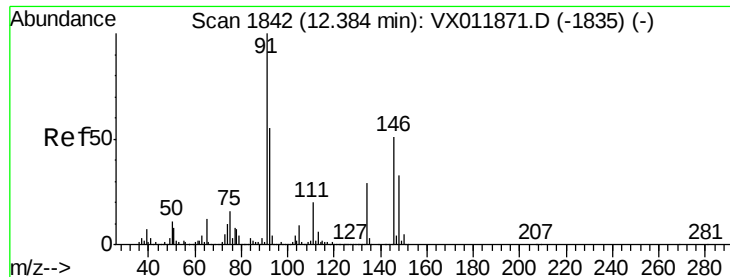
Tot Ion:146 Resp: 1086321
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.8 56.3
 148 64.5 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 123.176 ug/l
 RT: 12.09 min Scan# 1794
 Delta R.T. -0.00 min
 Lab File: VX011873.D
 Acq: 28 Aug 2019 12:53

Tgt Ion:146 Resp: 1053055
 Ion Ratio Lower Upper
 146 100
 111 36.1 18.3 54.8
 148 64.8 32.3 96.8

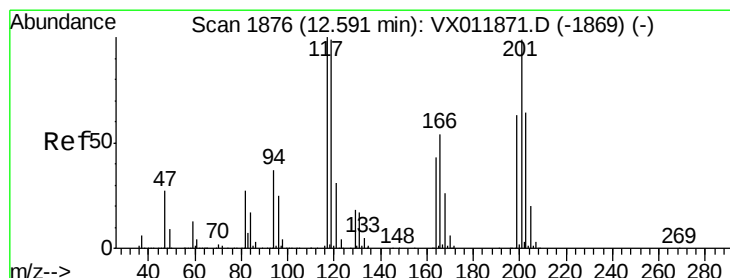
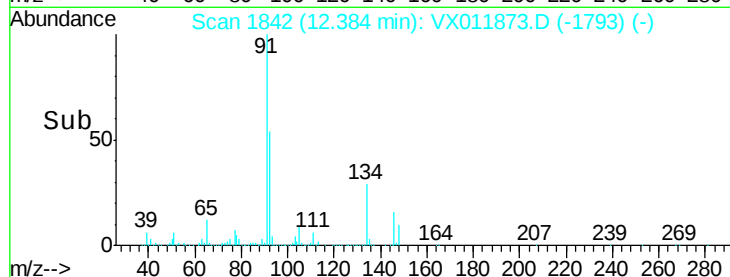
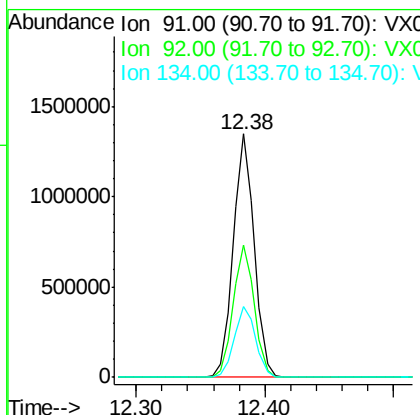
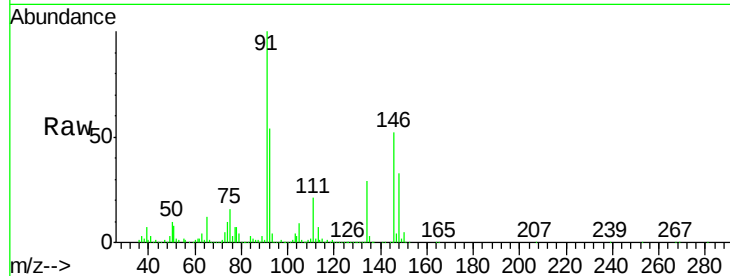




#89
n-Butylbenzene
Concen: 103.099 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX011873.D
Acq: 28 Aug 2019 12:53

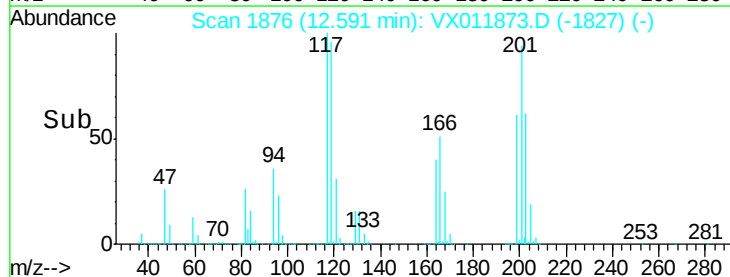
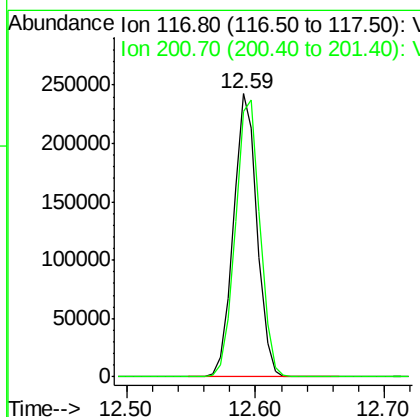
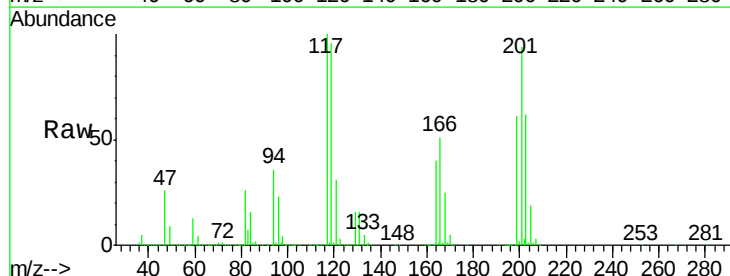
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

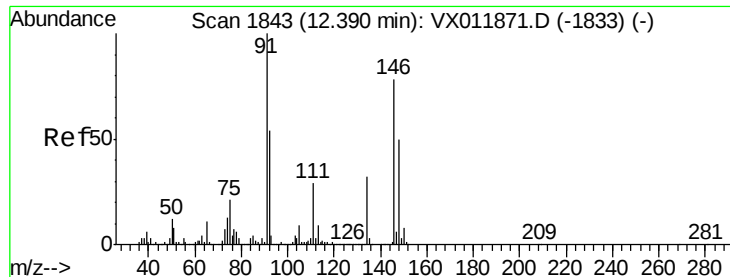
Tot Ion: 91 Resp: 1530514
Ion Ratio Lower Upper
91 100
92 54.8 27.6 82.7
134 29.6 14.4 43.4



#90
Hexachloroethane
Concen: 133.417 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.00 min
Lab File: VX011873.D
Acq: 28 Aug 2019 12:53

Tgt Ion: 117 Resp: 309001
Ion Ratio Lower Upper
117 100
201 101.4 51.0 153.1





#91

1,2-Dichlorobenzene

Concen: 121.346 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX011873.D

Acq: 28 Aug 2019 12:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

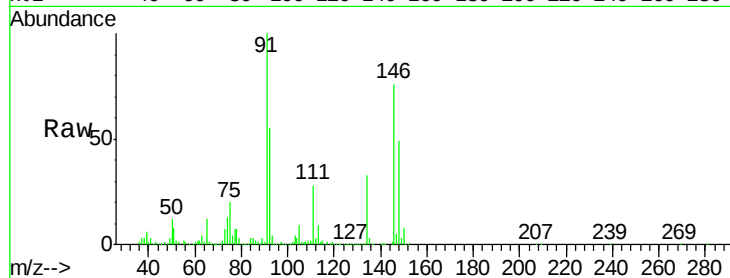
Tot Ion:146 Resp: 946923

Ion Ratio Lower Upper

146 100

111 38.7 19.3 57.9

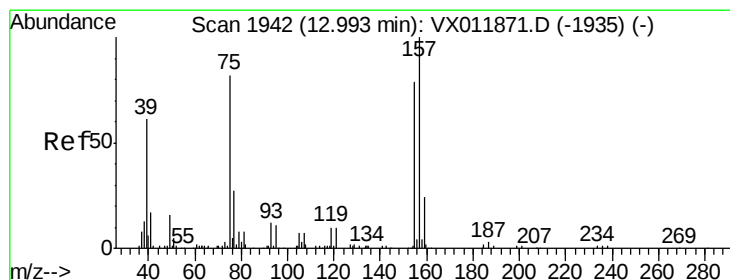
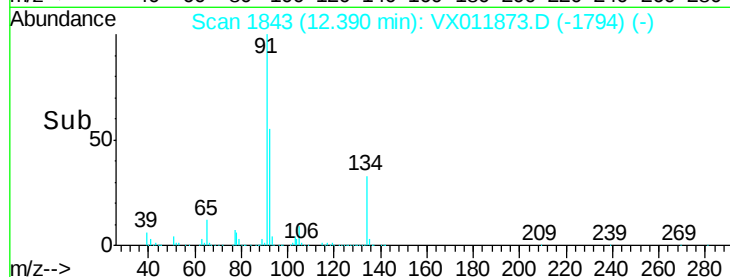
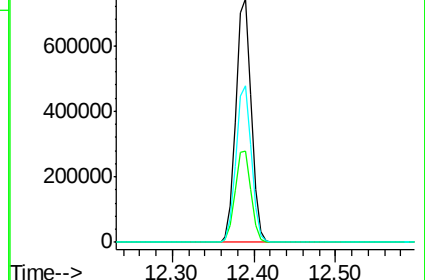
148 64.4 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 63.716 ug/l

RT: 12.99 min Scan# 1942

Delta R.T. -0.00 min

Lab File: VX011873.D

Acq: 28 Aug 2019 12:53

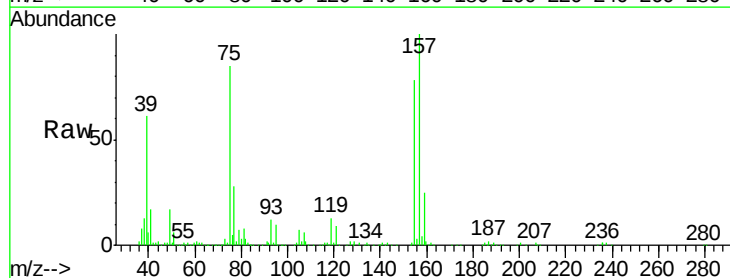
Tgt Ion: 75 Resp: 52223

Ion Ratio Lower Upper

75 100

155 97.8 50.3 150.9

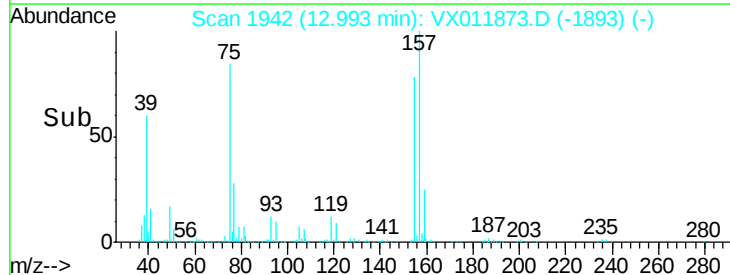
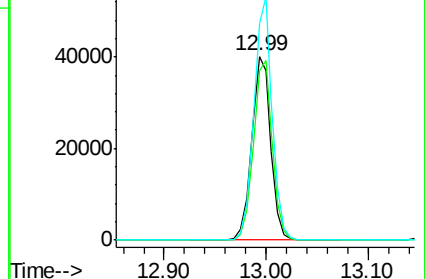
157 127.2 64.7 194.1

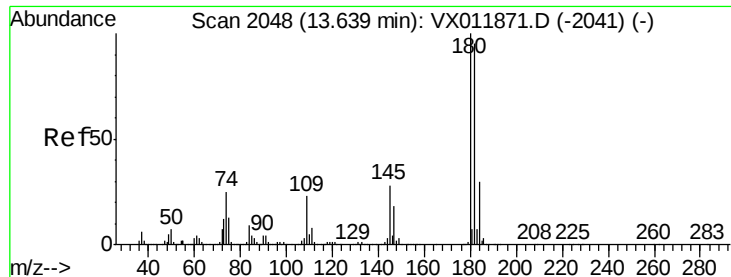


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

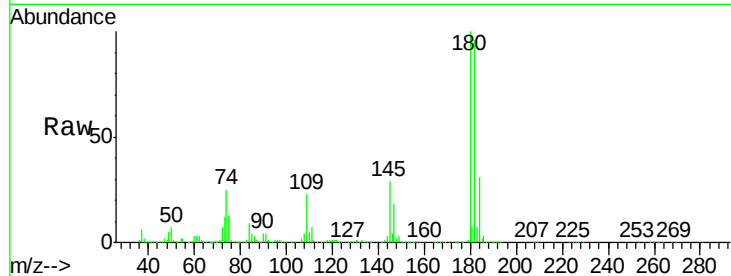




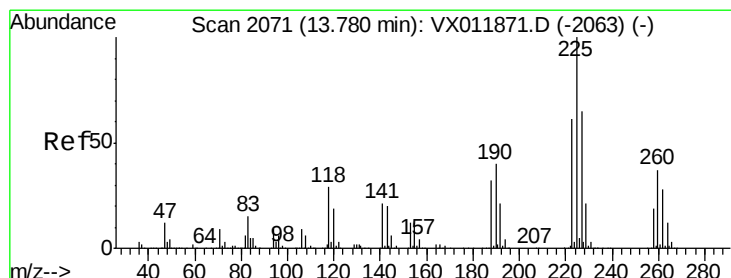
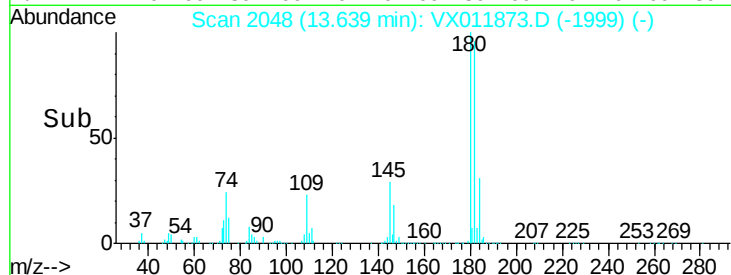
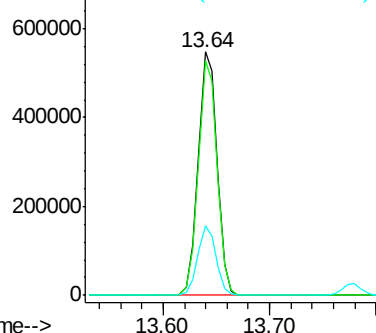
#93
 1,2,4-Trichlorobenzene
 Concen: 110.144 ug/l
 RT: 13.64 min Scan# 2048
 Delta R.T. -0.00 min
 Lab File: VX011873.D
 Acq: 28 Aug 2019 12:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.9	143.7
145	27.9	13.8	41.4

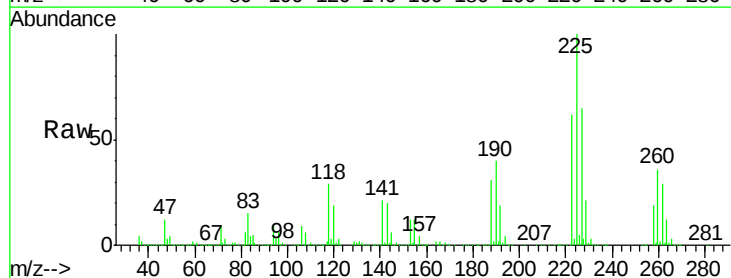


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

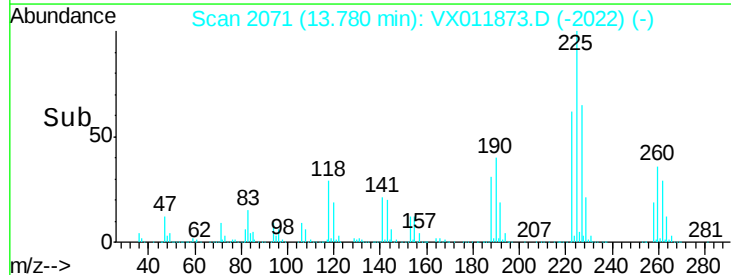
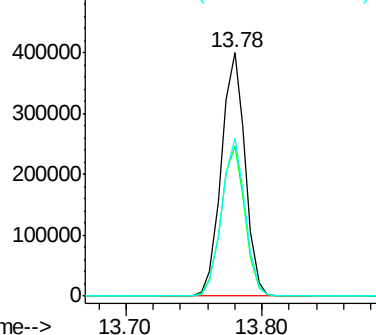


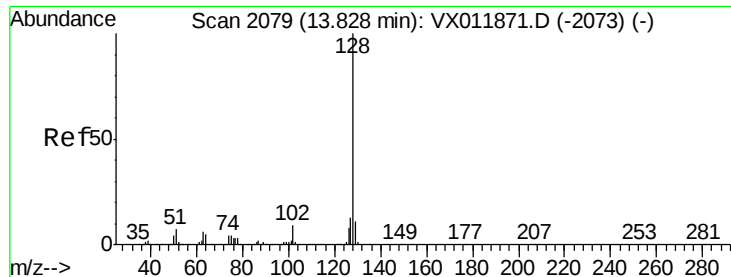
#94
 Hexachlorobutadiene
 Concen: 123.496 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX011873.D
 Acq: 28 Aug 2019 12:53

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	30.9	92.8
227	63.9	32.5	97.5



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: 65.153 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. -0.00 min

Lab File: VX011873.D

Acq: 28 Aug 2019 12:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

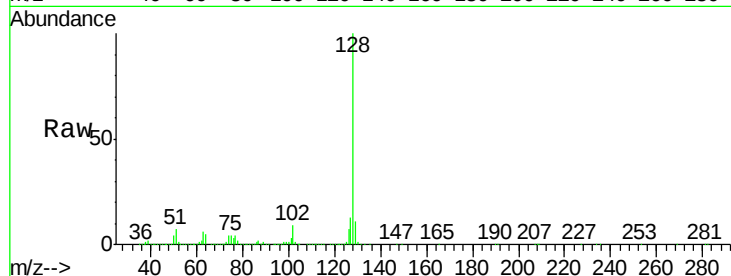
Tot Ion:128 Resp: 861865

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

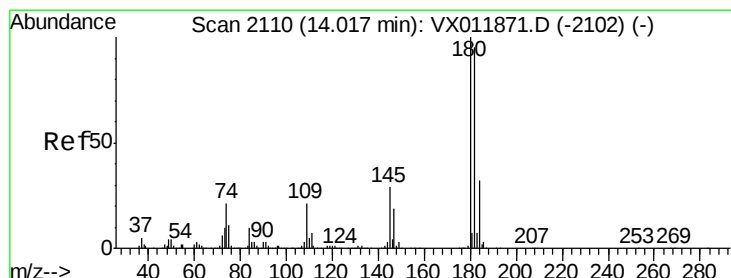
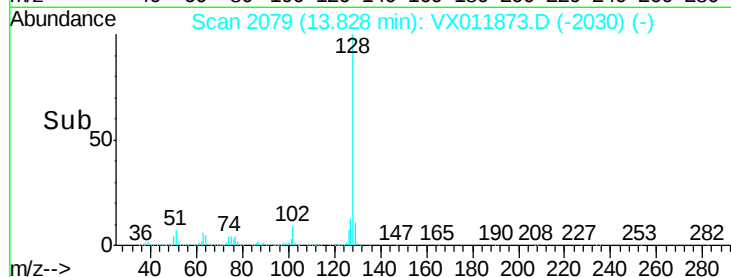
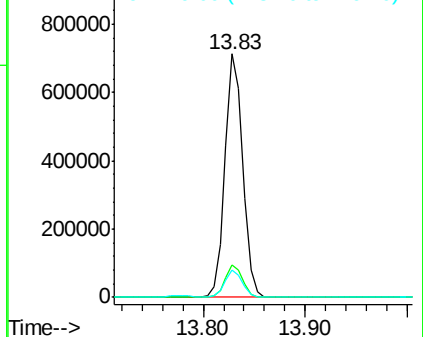
129 11.0 9.0 13.4



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 99.394 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX011873.D

Acq: 28 Aug 2019 12:53

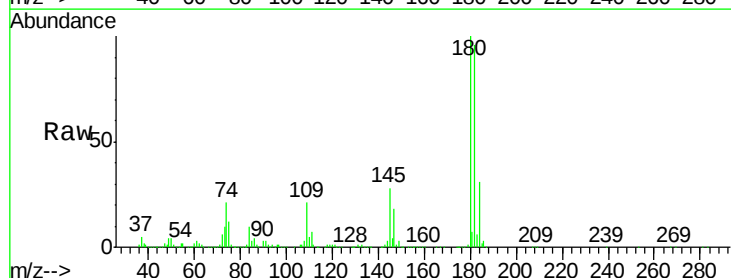
Tgt Ion:180 Resp: 558520

Ion Ratio Lower Upper

180 100

182 96.1 47.9 143.7

145 29.2 14.9 44.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

