

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091719\
 Data File : VX012430.D
 Acq On : 17 Sep 2019 12:46
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Quant Time: Sep 17 13:39:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 13:36:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	162449	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	278098	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	248804	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	119005	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	48241	15.65	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	31.30%	
35) Dibromofluoromethane	5.48	113	34070	13.82	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	27.64%	
50) Toluene-d8	8.71	98	125662	14.38	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	28.76%	
62) 4-Bromofluorobenzene	11.14	95	51146	13.81	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	27.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	20769	15.357	ug/l	98
3) Chloromethane	1.32	50	16858	14.379	ug/l	99
4) Vinyl Chloride	1.40	62	18689	14.458	ug/l	96
5) Bromomethane	1.63	94	8716	16.128	ug/l	93
6) Chloroethane	1.72	64	13796	16.060	ug/l	92
7) Trichlorofluoromethane	1.92	101	35872	15.190	ug/l	99
8) Diethyl Ether	2.18	74	15019	14.407	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	24456	14.368	ug/l	99
10) Methyl Iodide	2.50	142	16756	10.715	ug/l	99
11) Tert butyl alcohol	3.03	59	56444	71.265	ug/l	99
12) 1,1-Dichloroethene	2.36	96	19822	14.817	ug/l	94
13) Acrolein	2.28	56	21373	64.862	ug/l	98
14) Allyl chloride	2.72	41	45620	14.681	ug/l	98
15) Acrylonitrile	3.13	53	94045	71.119	ug/l	99
16) Acetone	2.43	43	106129	73.583	ug/l	97
17) Carbon Disulfide	2.56	76	25333	14.338	ug/l #	94
18) Methyl Acetate	2.76	43	45573	14.374	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	104633	14.401	ug/l	98
20) Methylene Chloride	2.84	84	26516	13.684	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	20373	14.164	ug/l	96
22) Diisopropyl ether	3.84	45	104328	14.630	ug/l	96
23) Vinyl Acetate	3.80	43	442184	75.167	ug/l	98
24) 1,1-Dichloroethane	3.69	63	51334	14.369	ug/l	99
25) 2-Butanone	4.66	43	148659	73.019	ug/l	96
26) 2,2-Dichloropropane	4.57	77	49144	14.416	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	29823	14.105	ug/l	99
28) Bromochloromethane	5.01	49	27405	15.032	ug/l	99
29) Tetrahydrofuran	5.12	42	86117	73.134	ug/l	99
30) Chloroform	5.20	83	57059	13.859	ug/l	93
31) Cyclohexane	5.57	56	31769	14.831	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	49330	14.466	ug/l	99
36) 1,1-Dichloropropene	5.79	75	31717	13.075	ug/l	97
37) Ethyl Acetate	4.83	43	52063	13.943	ug/l	99
38) Carbon Tetrachloride	5.77	117	38554	13.127	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091719\
 Data File : VX012430.D
 Acq On : 17 Sep 2019 12:46
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Quant Time: Sep 17 13:39:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 13:36:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	31860	13.739	ug/l	95
40) Benzene	6.13	78	102025	13.733	ug/l	99
41) Methacrylonitrile	5.03	41	30872	14.512	ug/l	97
42) 1,2-Dichloroethane	6.18	62	46165	13.606	ug/l	99
43) Isopropyl Acetate	6.43	43	86516	13.470	ug/l	99
44) Trichloroethene	7.21	130	26520	13.296	ug/l	93
45) 1,2-Dichloropropane	7.51	63	30190	13.209	ug/l	98
46) Dibromomethane	7.65	93	20029	13.197	ug/l	95
47) Bromodichloromethane	7.89	83	43225	12.790	ug/l	99
48) Methyl methacrylate	7.76	41	41223	14.456	ug/l	99
49) 1,4-Dioxane	7.73	88	19235	264.380	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	289211	69.606	ug/l	99
52) Toluene	8.78	92	66449	13.760	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	45672	13.024	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	48294	13.305	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	32790	12.830	ug/l	97
56) Ethyl methacrylate	9.17	69	51249	13.344	ug/l	98
57) 1,3-Dichloropropane	9.37	76	52762	13.043	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	140835	68.795	ug/l	100
59) 2-Hexanone	9.49	43	220720	68.717	ug/l	99
60) Dibromochloromethane	9.58	129	33912	12.994	ug/l	99
61) 1,2-Dibromoethane	9.67	107	31581	13.477	ug/l	97
64) Tetrachloroethene	9.33	164	23018	14.786	ug/l	92
65) Chlorobenzene	10.14	112	76591	13.986	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	31864	13.726	ug/l	100
67) Ethyl Benzene	10.25	91	133296	14.221	ug/l	99
68) m/p-Xylenes	10.35	106	97908	28.352	ug/l	99
69) o-Xylene	10.70	106	49658	13.859	ug/l	100
70) Styrene	10.71	104	87067	14.021	ug/l	100
71) Bromoform	10.85	173	22356	12.553	ug/l	98
73) Isopropylbenzene	11.01	105	142719	17.644	ug/l	100
74) N-amyl acetate	10.89	43	74805	17.359	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	54165	16.714	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	61786	20.533	ug/l	89
77) Bromobenzene	11.25	156	33868	16.376	ug/l	97
78) n-propylbenzene	11.35	91	159768	17.491	ug/l	100
79) 2-Chlorotoluene	11.42	91	101229	17.293	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	121812	17.344	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	15641	14.684	ug/l	93
82) 4-Chlorotoluene	11.51	91	116991	17.164	ug/l	98
83) tert-Butylbenzene	11.76	119	127475	17.111	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	124421	17.462	ug/l	100
85) sec-Butylbenzene	11.94	105	143544	17.402	ug/l	99
86) p-Isopropyltoluene	12.06	119	131233	17.393	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	62726	16.148	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	63811	16.270	ug/l	98
89) n-Butylbenzene	12.38	91	115022	17.261	ug/l	99
90) Hexachloroethane	12.59	117	22938	15.753	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	66317	16.658	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	13872	16.174	ug/l	98

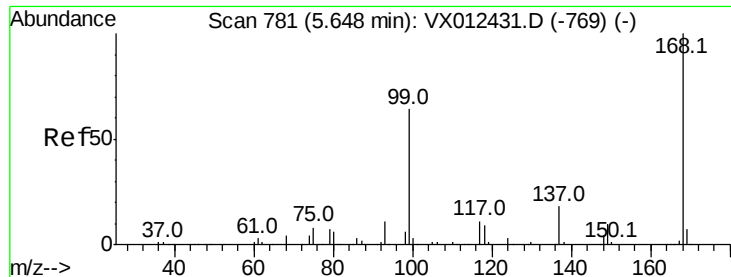
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091719\
Data File : VX012430.D
Acq On : 17 Sep 2019 12:46
Operator : JC/SP
Sample : VSTDICC020
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Quant Time: Sep 17 13:39:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 17 13:36:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	41886	15.770	ug/l	98
94) Hexachlorobutadiene	13.77	225	20006	15.755	ug/l	98
95) Naphthalene	13.83	128	155248	17.114	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	44670	16.898	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012430.D

Acq: 17 Sep 2019 12:46

Instrument :

MSVOA_X

ClientSampleId :

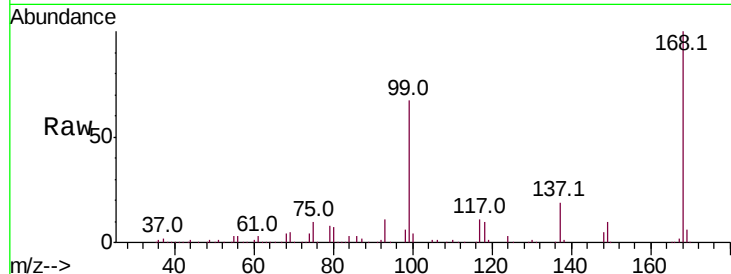
VSTDIC020

Tot Ion:168 Resp: 162449

Ion Ratio Lower Upper

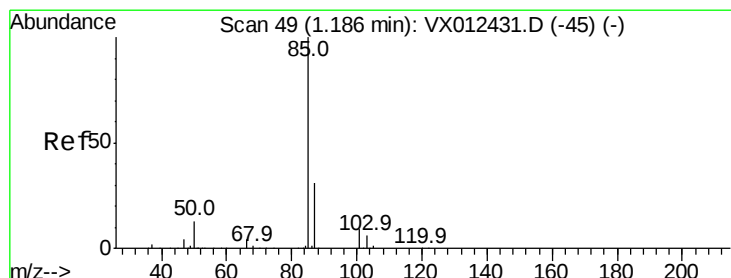
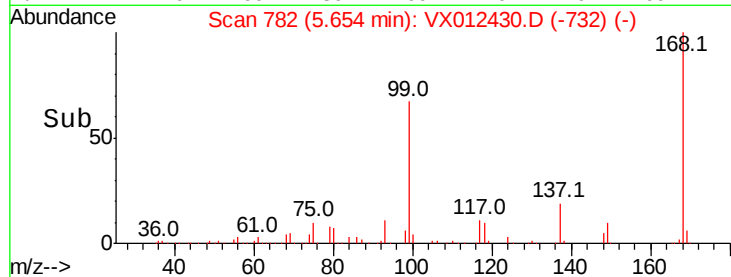
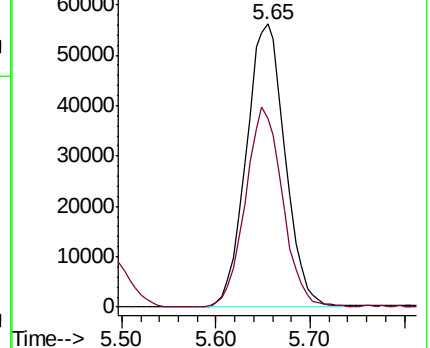
168 100

99 66.4 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 15.357 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX012430.D

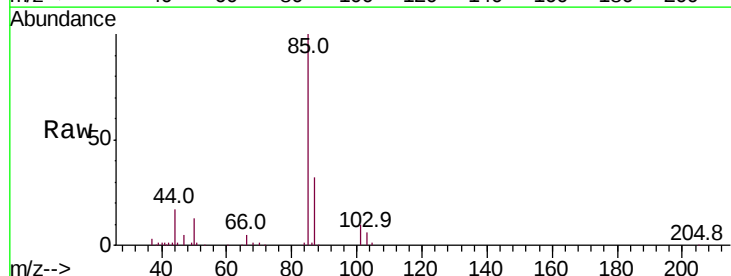
Acq: 17 Sep 2019 12:46

Tgt Ion: 85 Resp: 20769

Ion Ratio Lower Upper

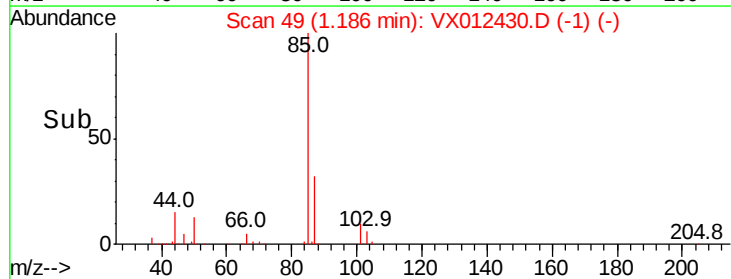
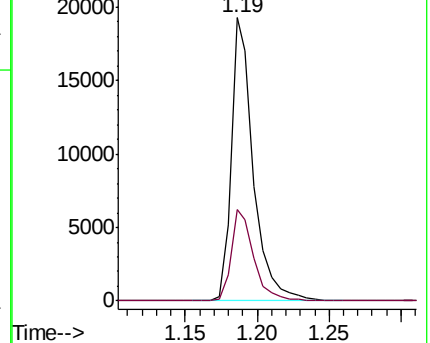
85 100

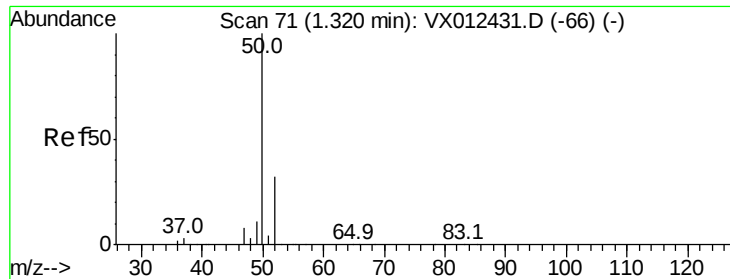
87 32.2 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 14.379 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012430.D

Acq: 17 Sep 2019 12:46

Instrument :

MSVOA_X

ClientSampleId :

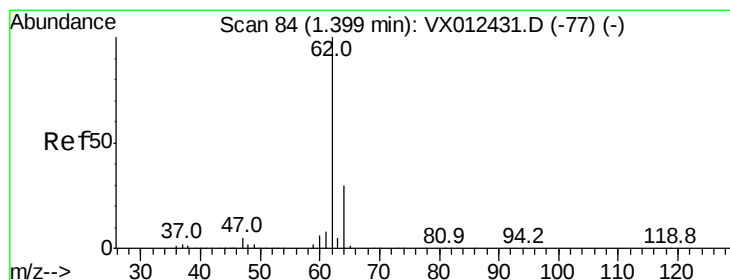
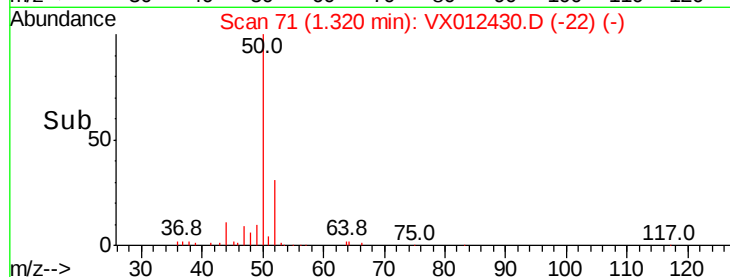
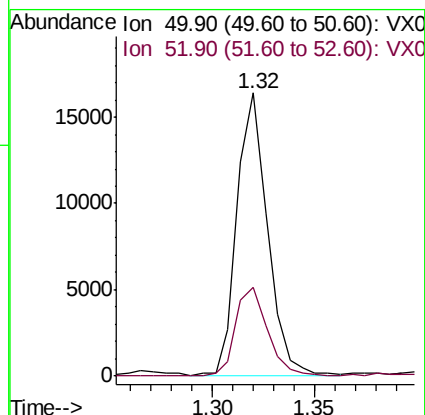
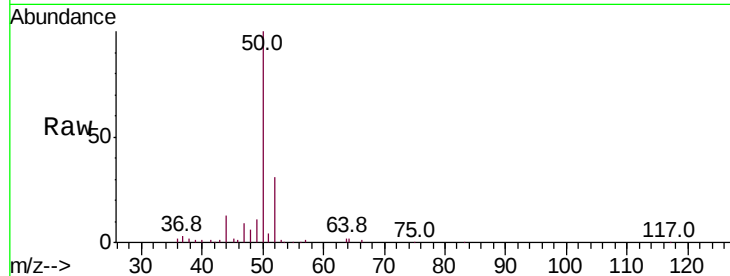
VSTDIC020

Tot Ion: 50 Resp: 16858

Ion Ratio Lower Upper

50 100

52 31.4 25.7 38.5



#4

Vinyl Chloride

Concen: 14.458 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012430.D

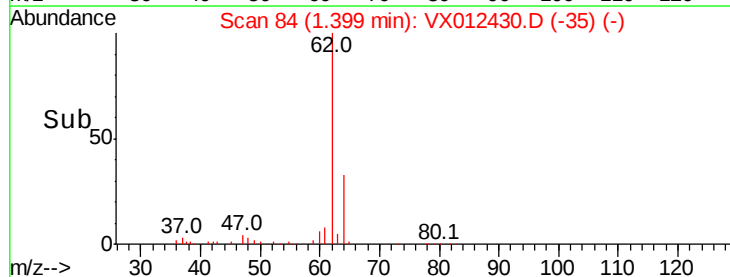
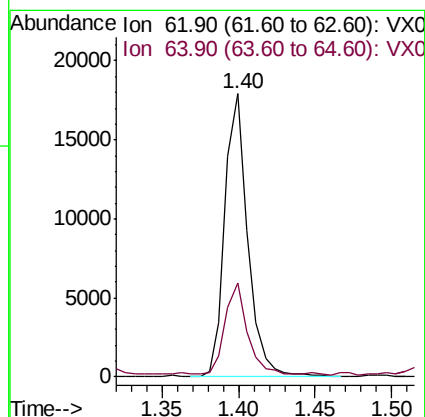
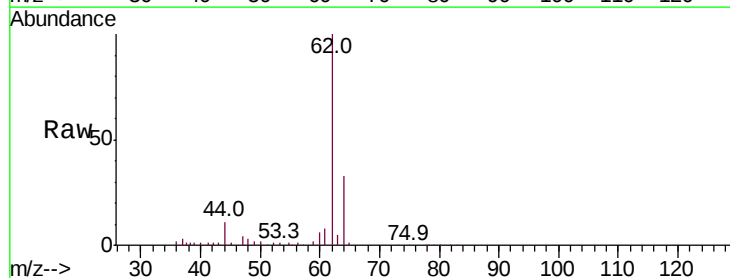
Acq: 17 Sep 2019 12:46

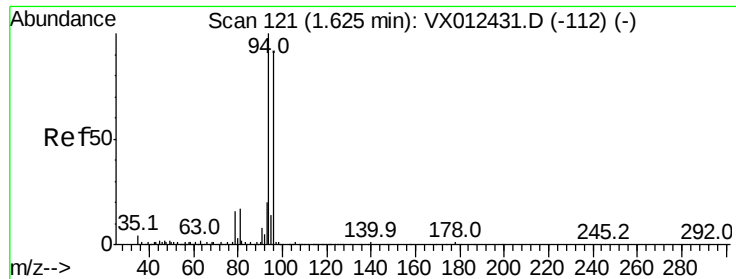
Tgt Ion: 62 Resp: 18689

Ion Ratio Lower Upper

62 100

64 32.4 24.2 36.2





#5

Bromomethane

Concen: 16.128 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX012430.D

Acq: 17 Sep 2019 12:46

Instrument :

MSVOA_X

ClientSampleId :

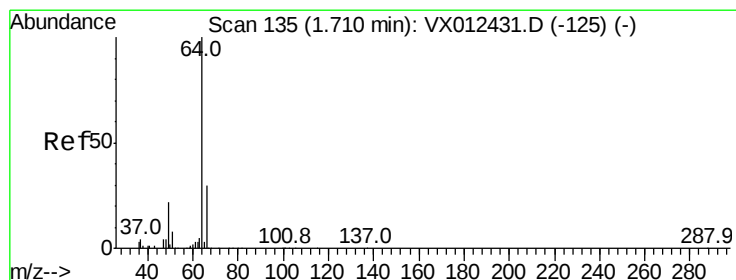
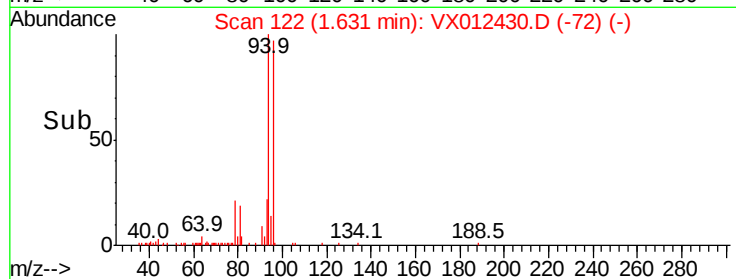
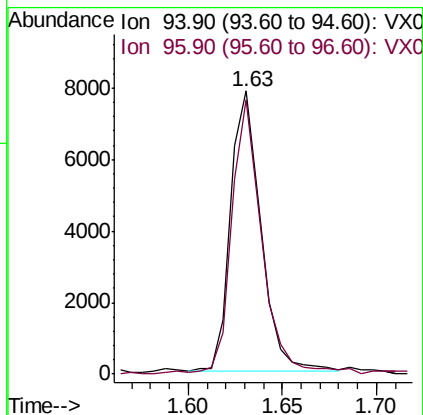
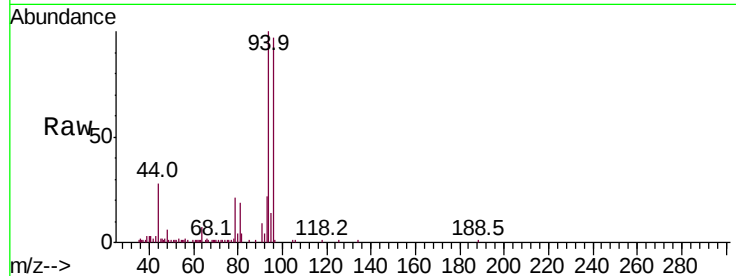
VSTDIC020

Tot Ion: 94 Resp: 8716

Ion Ratio Lower Upper

94 100

96 97.6 72.8 109.2



#6

Chloroethane

Concen: 16.060 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX012430.D

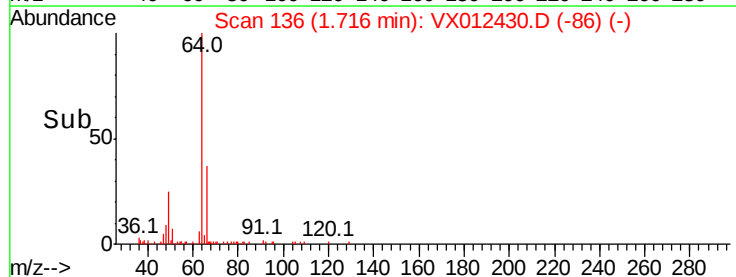
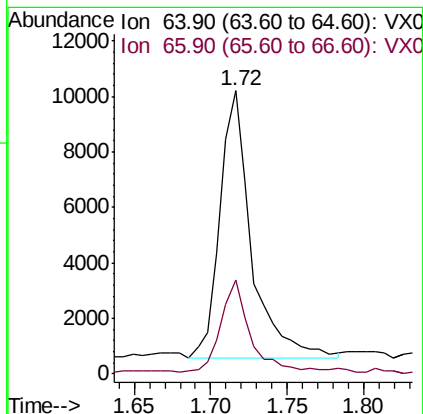
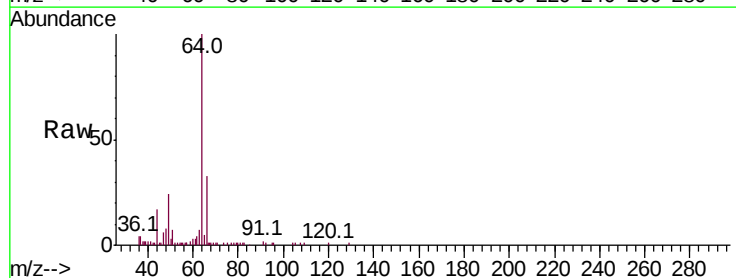
Acq: 17 Sep 2019 12:46

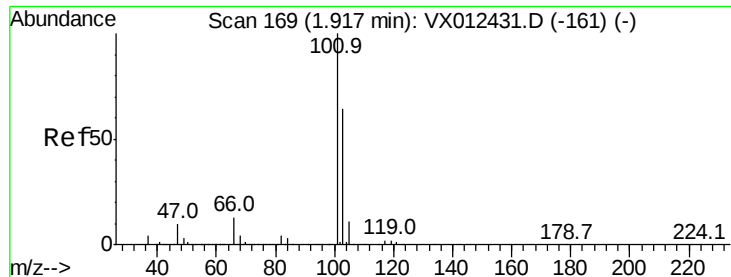
Tgt Ion: 64 Resp: 13796

Ion Ratio Lower Upper

64 100

66 34.1 24.0 36.0



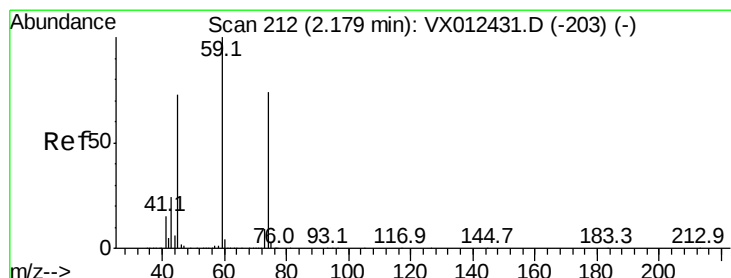
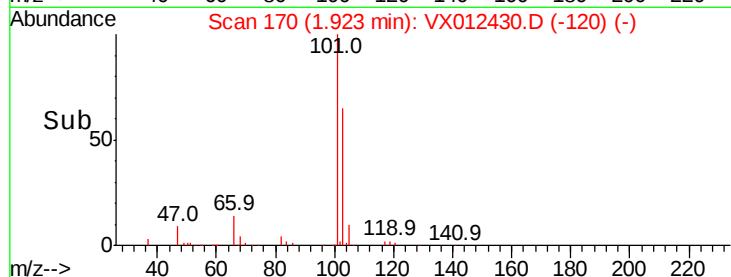
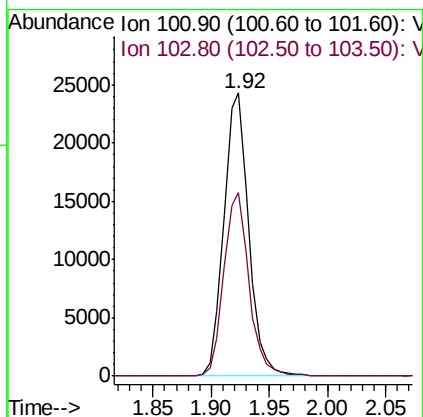
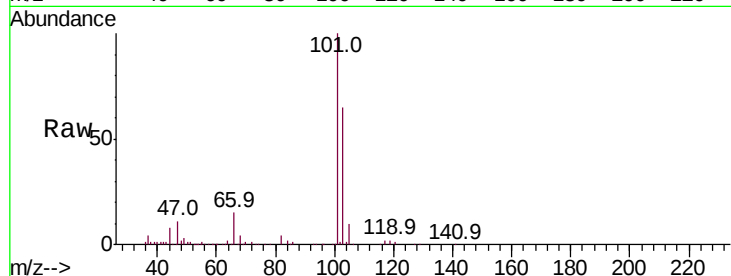


#7

Trichlorofluoromethane
Concen: 15.190 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX012430.D
Acq: 17 Sep 2019 12:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

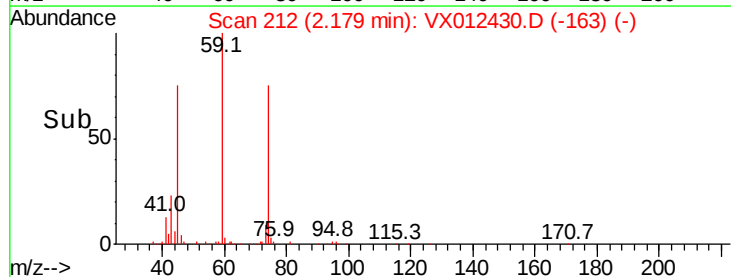
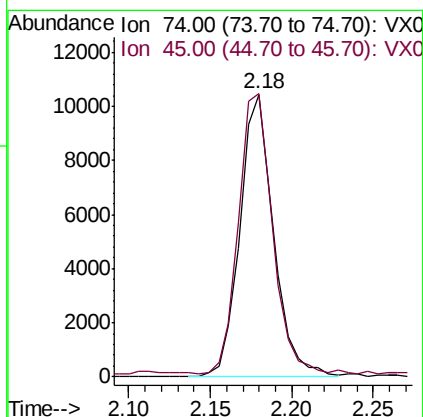
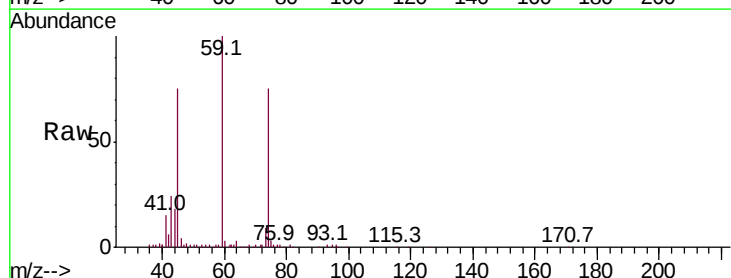
Tot Ion:101 Resp: 35872
Ion Ratio Lower Upper
101 100
103 64.9 51.0 76.4

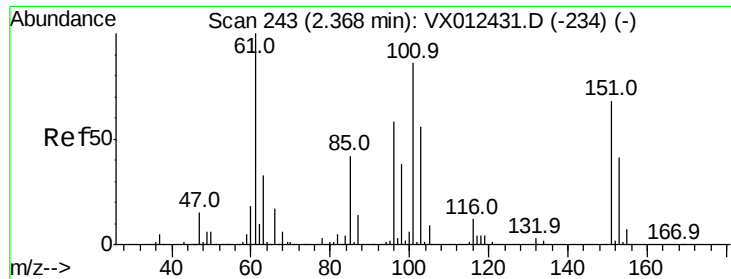


#8

Diethyl Ether
Concen: 14.407 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX012430.D
Acq: 17 Sep 2019 12:46

Tgt Ion: 74 Resp: 15019
Ion Ratio Lower Upper
74 100
45 100.8 49.9 149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 14.368 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX012430.D

Acq: 17 Sep 2019 12:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

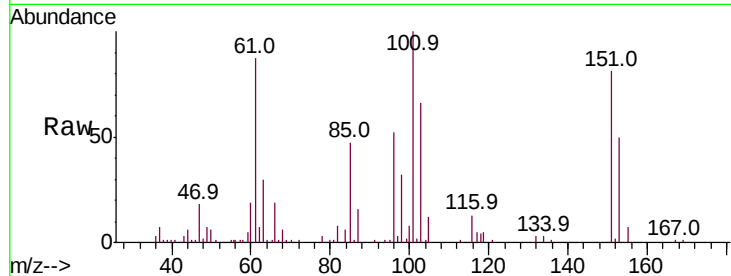
Tot Ion:101 Resp: 24456

Ion Ratio Lower Upper

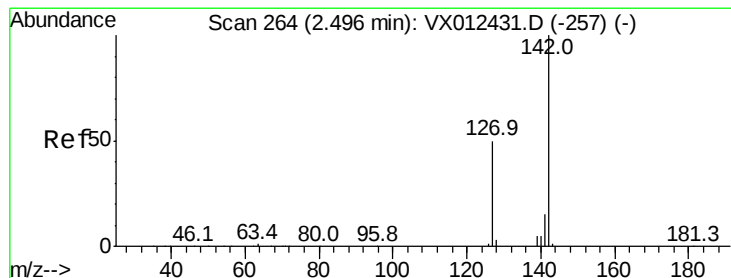
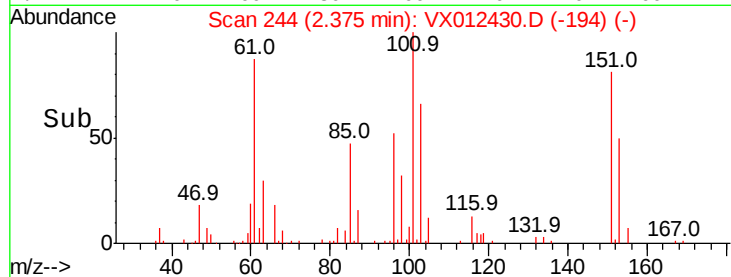
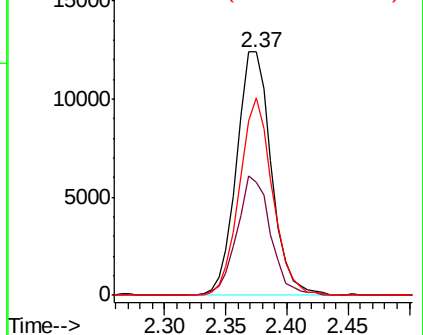
101 100

85 47.6 37.3 55.9

151 77.0 61.0 91.4



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: 10.715 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX012430.D

Acq: 17 Sep 2019 12:46

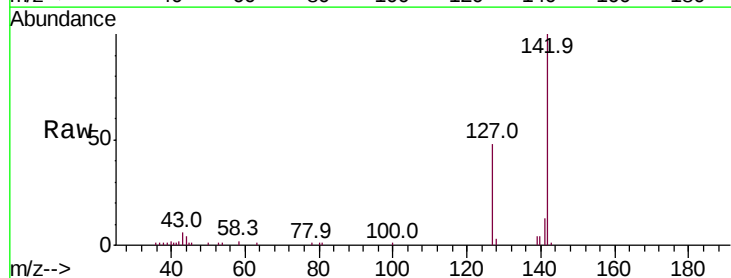
Tgt Ion:142 Resp: 16756

Ion Ratio Lower Upper

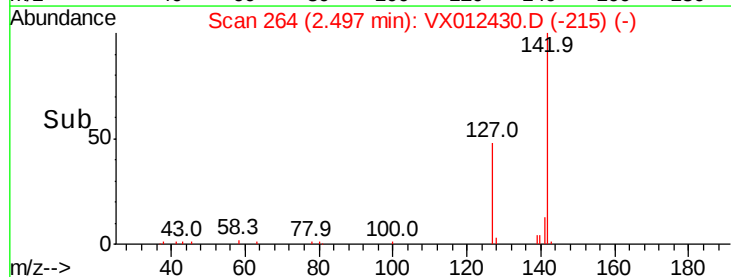
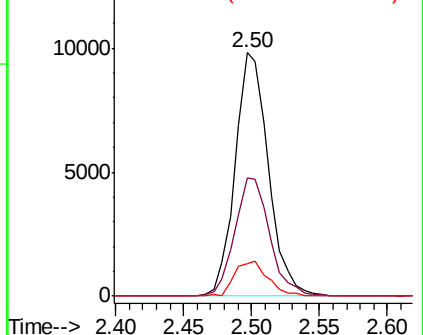
142 100

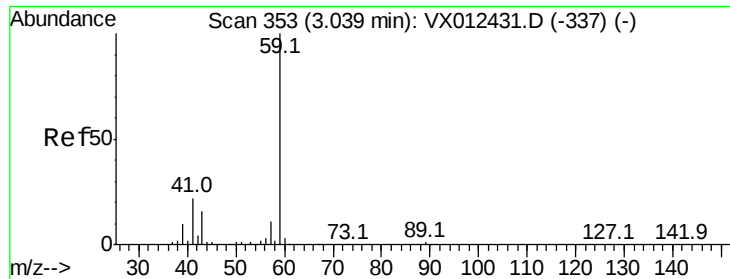
127 51.1 40.8 61.2

141 14.2 12.1 18.1



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: 71.265 ug/l

RT: 3.03 min Scan# 352

Delta R.T. -0.01 min

Lab File: VX012430.D

Acq: 17 Sep 2019 12:46

Instrument :

MSVOA_X

ClientSampled :

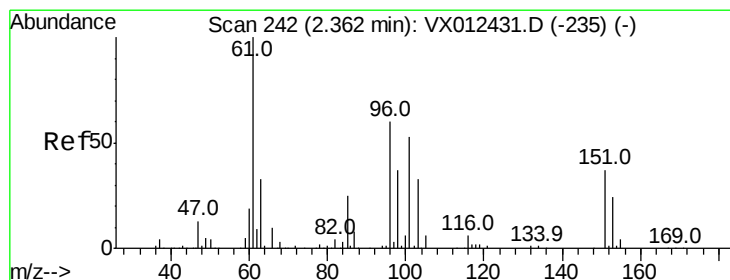
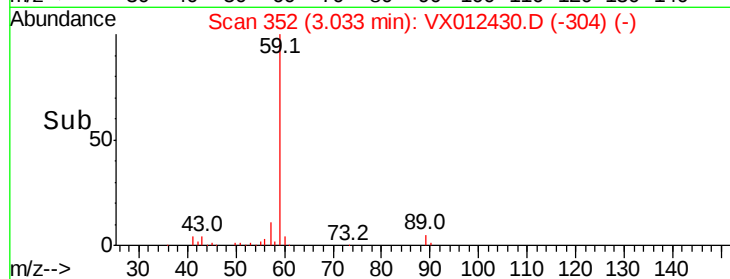
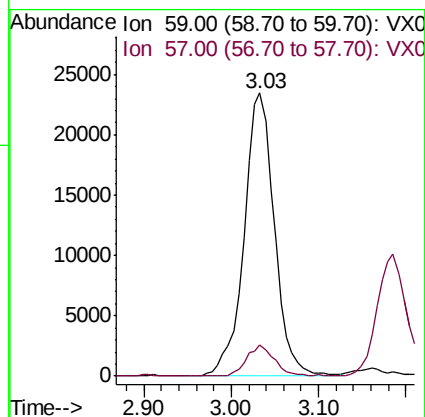
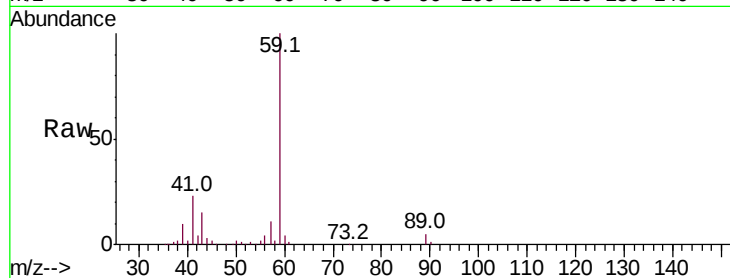
VSTDIC020

Tot Ion: 59 Resp: 56444

Ion Ratio Lower Upper

59 100

57 10.2 8.3 12.5



#12

1,1-Dichloroethene

Concen: 14.817 ug/l

RT: 2.36 min Scan# 242

Delta R.T. 0.00 min

Lab File: VX012430.D

Acq: 17 Sep 2019 12:46

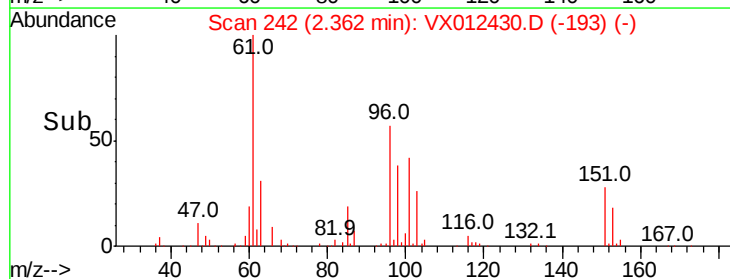
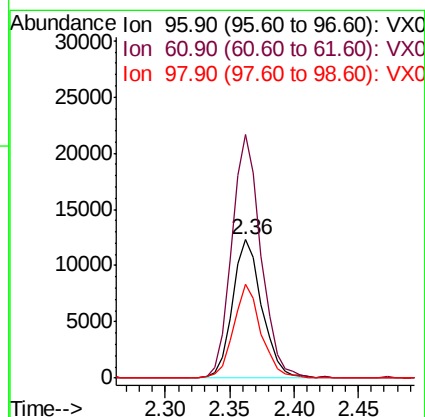
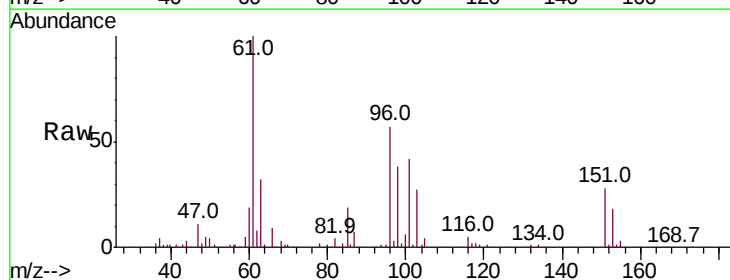
Tgt Ion: 96 Resp: 19822

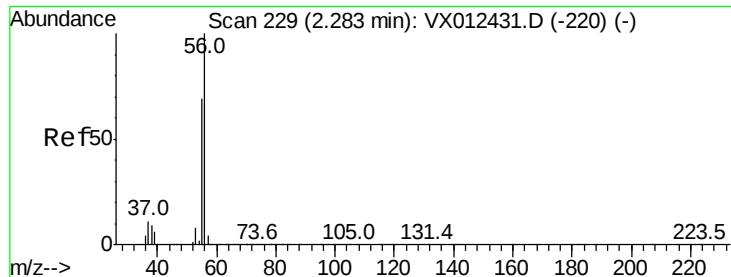
Ion Ratio Lower Upper

96 100

61 175.8 133.8 200.6

98 67.5 49.9 74.9





#13

Acrolein

Concen: 64.862 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012430.D

Acq: 17 Sep 2019 12:46

Instrument :

MSVOA_X

ClientSampleId :

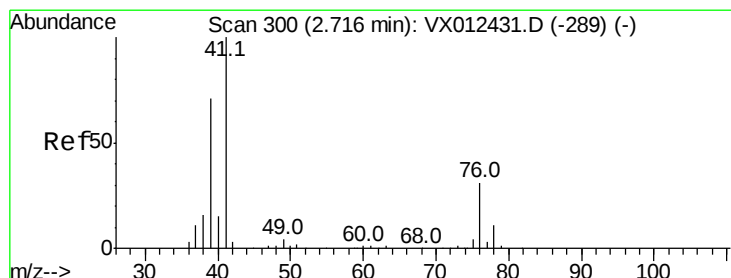
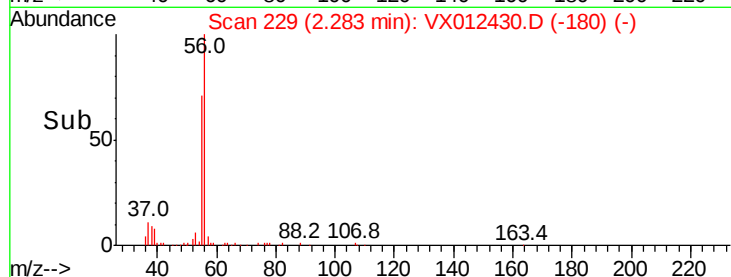
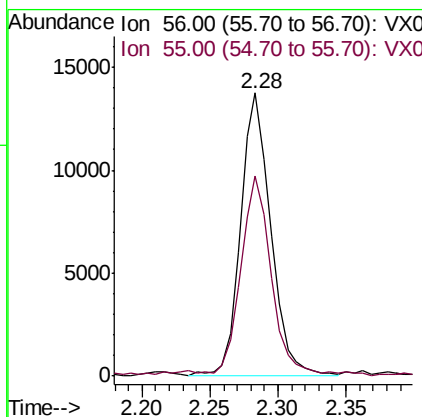
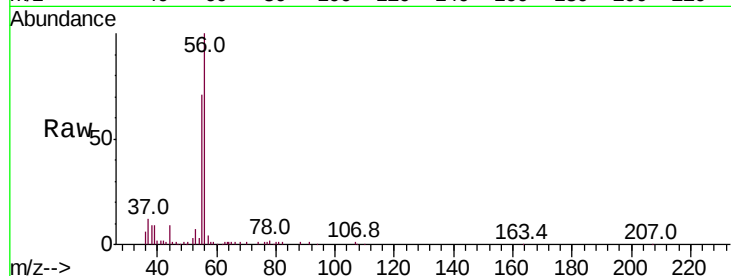
VSTDIC020

Tot Ion: 56 Resp: 21373

Ion Ratio Lower Upper

56 100

55 67.8 55.8 83.8



#14

Allyl chloride

Concen: 14.681 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX012430.D

Acq: 17 Sep 2019 12:46

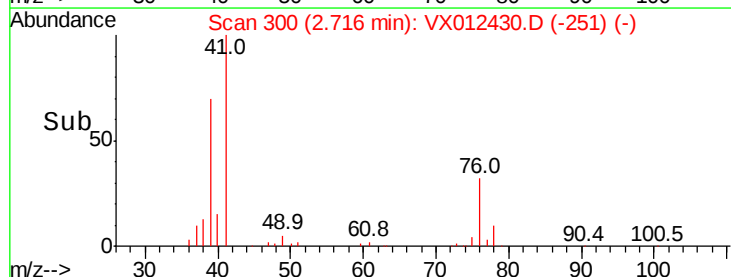
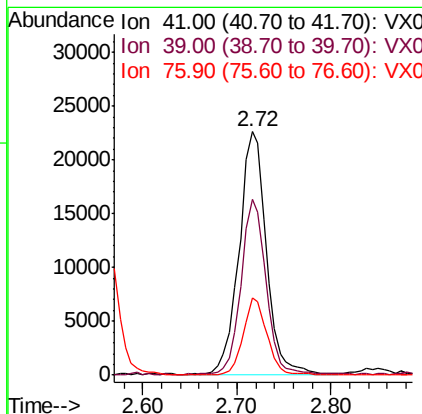
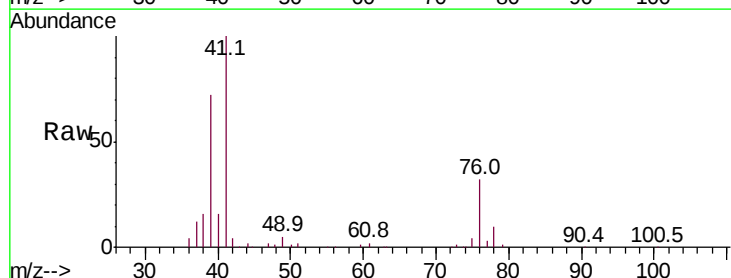
Tgt Ion: 41 Resp: 45620

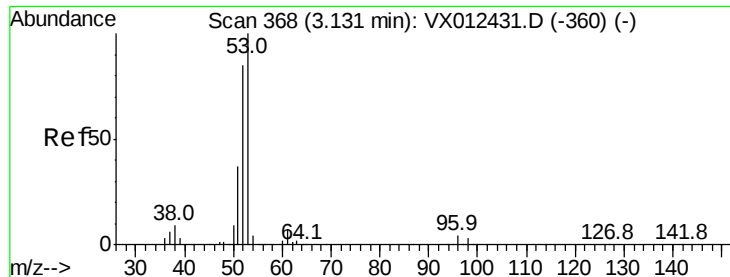
Ion Ratio Lower Upper

41 100

39 66.0 51.3 76.9

76 27.7 22.6 33.8





#15

Acrylonitrile

Concen: 71.119 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012430.D

Acq: 17 Sep 2019 12:46

Instrument :

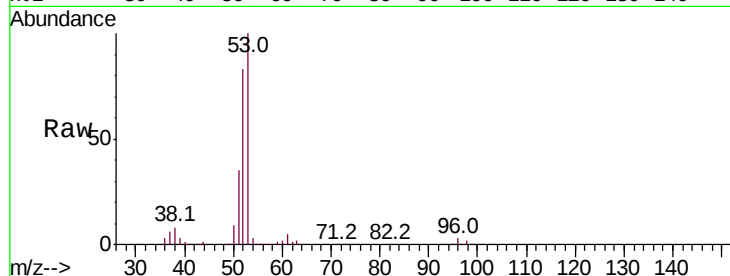
MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 53 Resp: 94045

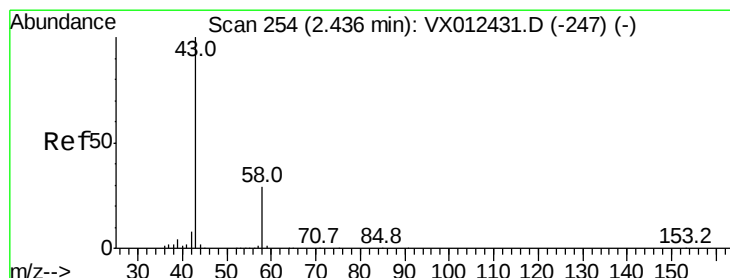
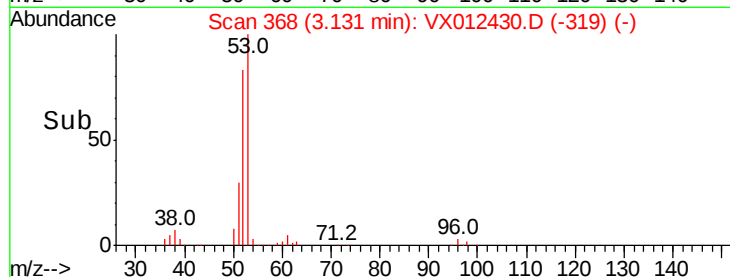
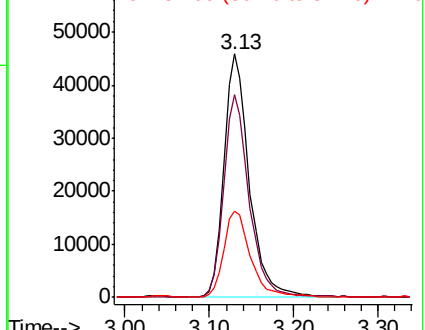
Ion	Ratio	Lower	Upper
53	100		
52	83.9	67.0	100.4
51	37.9	29.6	44.4



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 73.583 ug/l

RT: 2.43 min Scan# 253

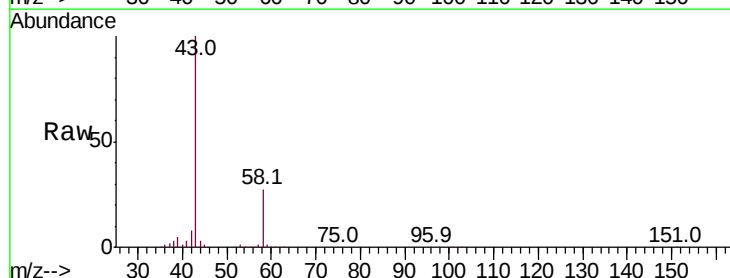
Delta R.T. -0.01 min

Lab File: VX012430.D

Acq: 17 Sep 2019 12:46

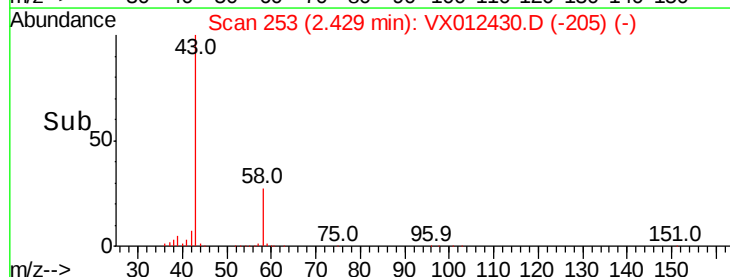
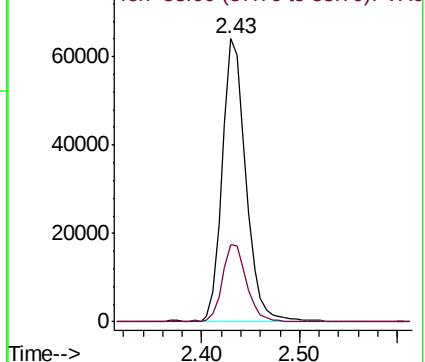
Tgt Ion: 43 Resp: 106129

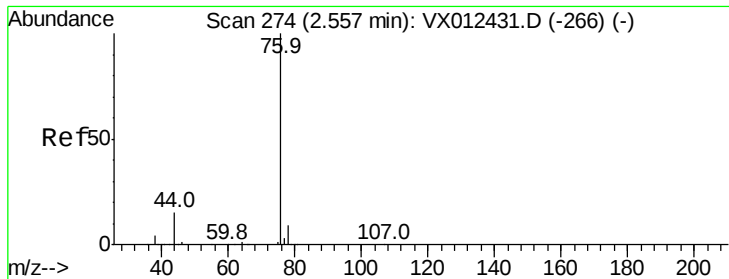
Ion	Ratio	Lower	Upper
43	100		
58	27.3	23.3	34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 14.338 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX012430.D

Acq: 17 Sep 2019 12:46

Instrument :

MSVOA_X

ClientSampleId :

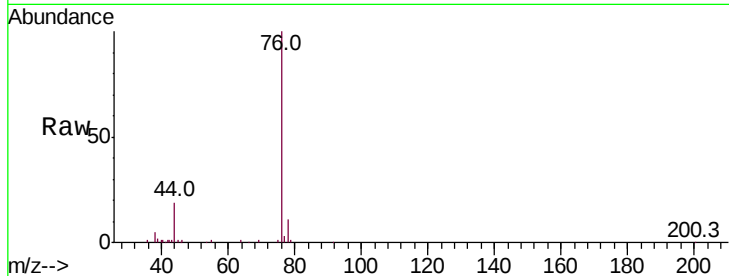
VSTDIC020

Tot Ion: 76 Resp: 25333

Ion Ratio Lower Upper

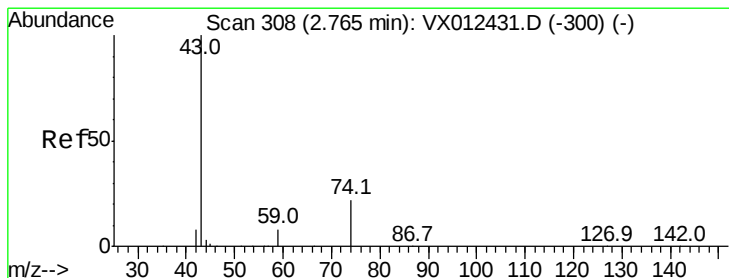
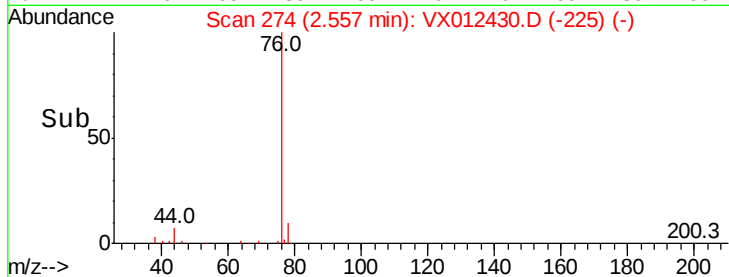
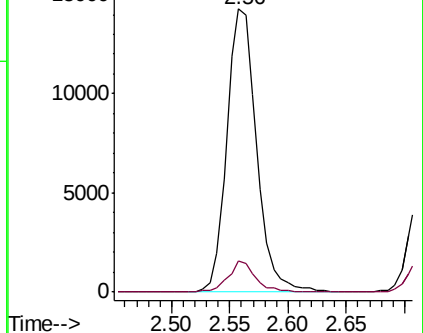
76 100

78 11.1 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 14.374 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX012430.D

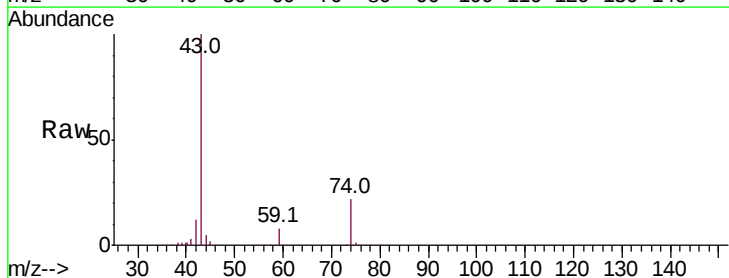
Acq: 17 Sep 2019 12:46

Tgt Ion: 43 Resp: 45573

Ion Ratio Lower Upper

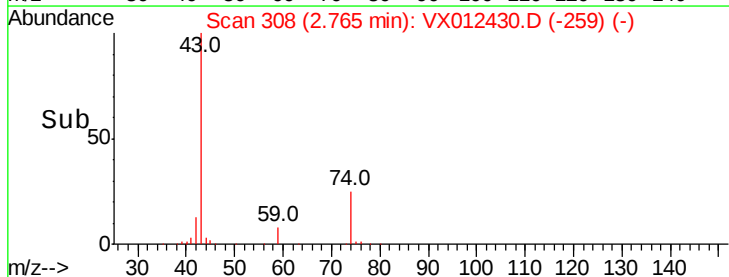
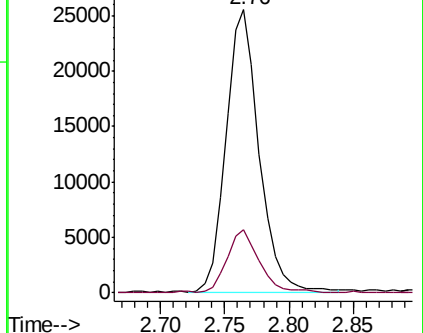
43 100

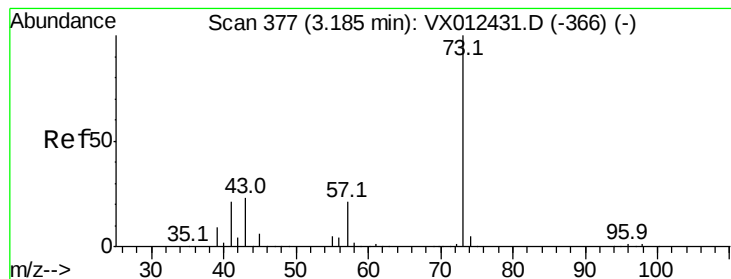
74 22.3 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



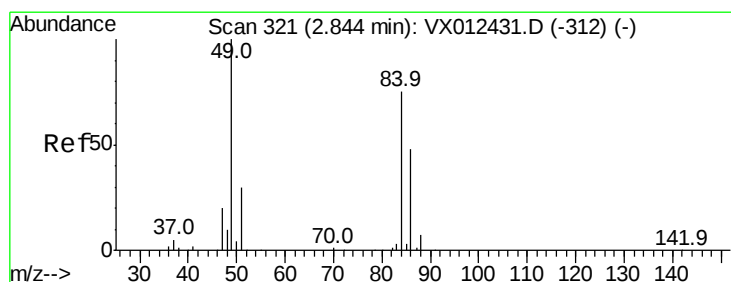
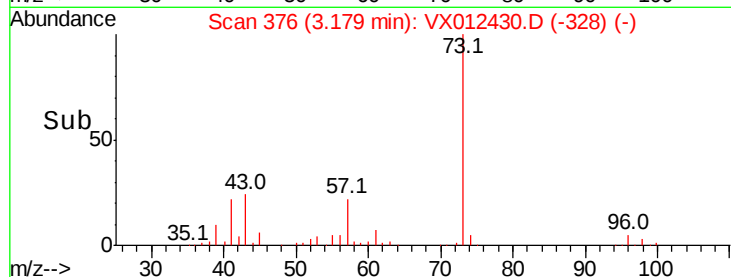
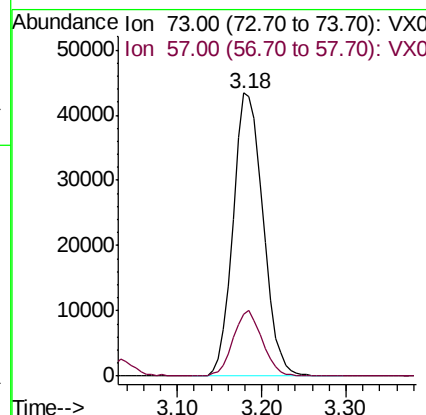
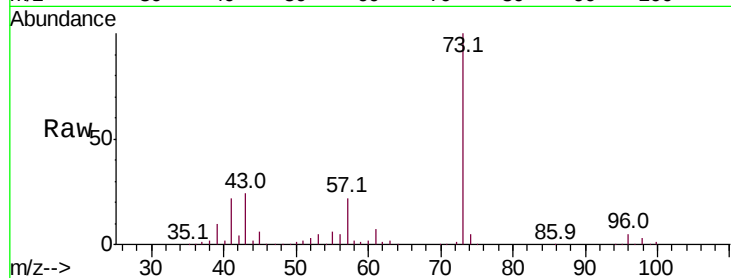


#19

Methyl tert-butyl Ether
 Concen: 14.401 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX012430.D
 Acq: 17 Sep 2019 12:46

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDIC020

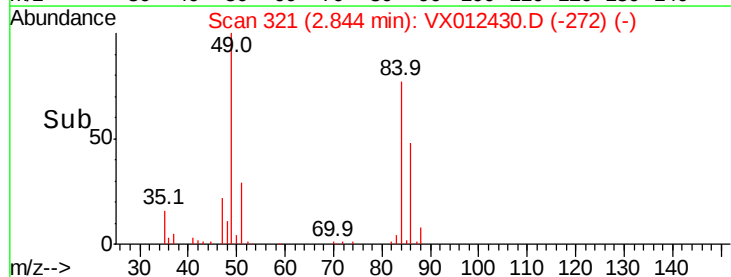
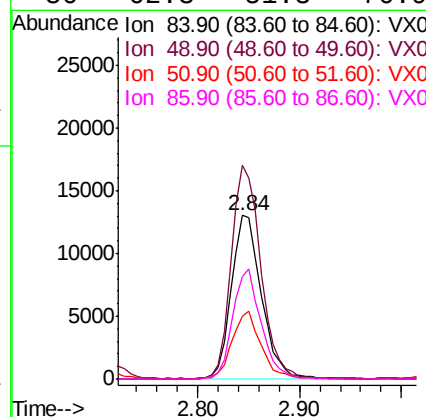
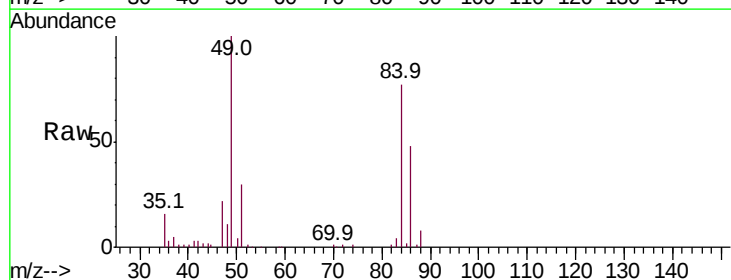
Tot Ion: 73 Resp: 104633
 Ion Ratio Lower Upper
 73 100
 57 21.8 16.8 25.2

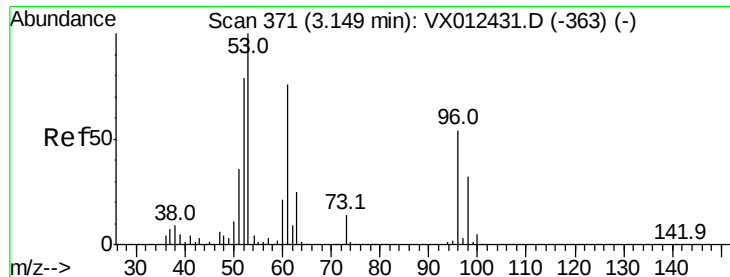


#20

Methylene Chloride
 Concen: 13.684 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. 0.00 min
 Lab File: VX012430.D
 Acq: 17 Sep 2019 12:46

Tgt Ion: 84 Resp: 26516
 Ion Ratio Lower Upper
 84 100
 49 130.6 106.8 160.2
 51 38.6 32.3 48.5
 86 62.3 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 14.164 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX012430.D

Acq: 17 Sep 2019 12:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

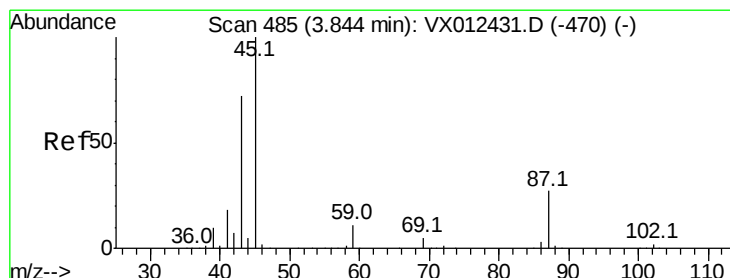
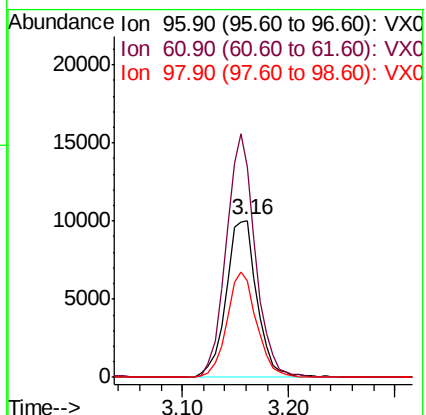
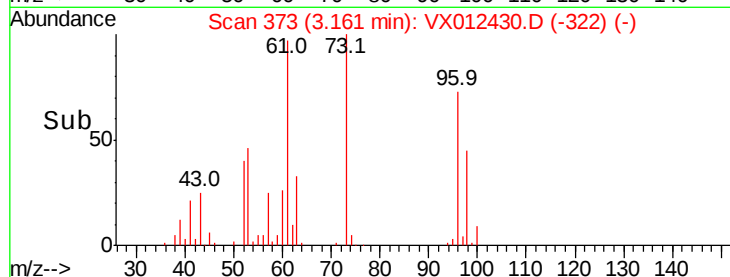
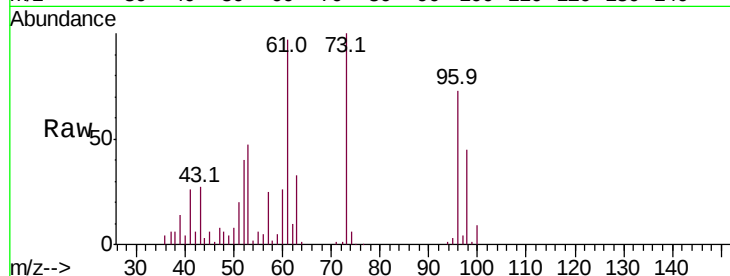
Tot Ion: 96 Resp: 20373

Ion Ratio Lower Upper

96 100

61 133.8 112.0 168.0

98 61.3 47.8 71.8



#22

Diisopropyl ether

Concen: 14.630 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX012430.D

Acq: 17 Sep 2019 12:46

Tgt Ion: 45 Resp: 104328

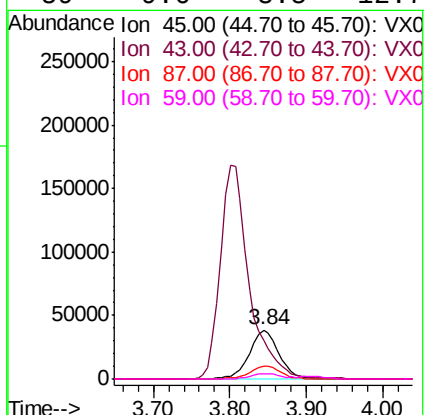
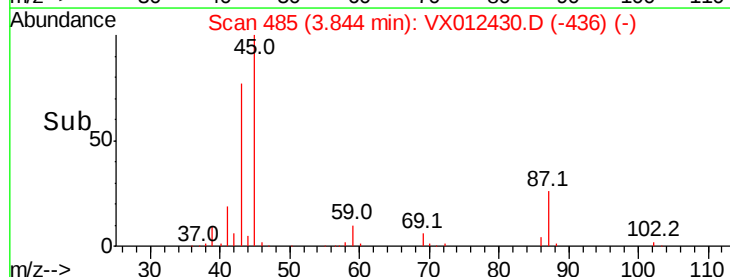
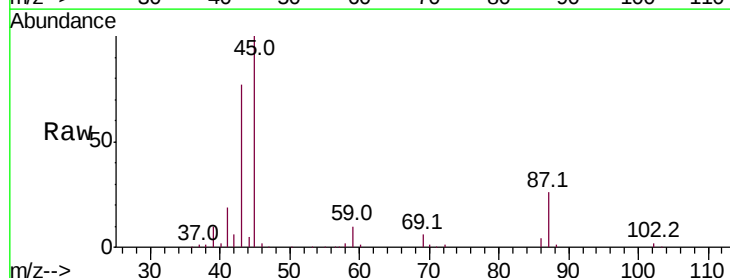
Ion Ratio Lower Upper

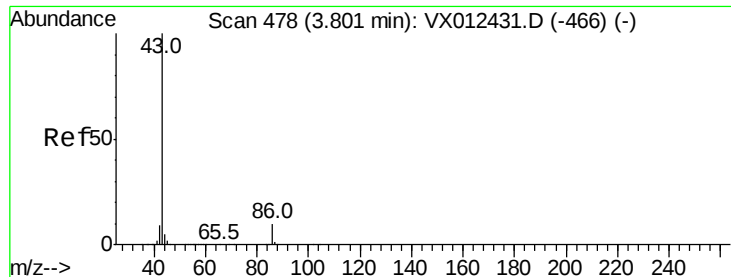
45 100

43 77.1 57.8 86.8

87 25.8 21.3 31.9

59 9.6 8.5 12.7





#23

Vinyl Acetate

Concen: 75.167 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012430.D

Acq: 17 Sep 2019 12:46

Instrument :

MSVOA_X

ClientSampleId :

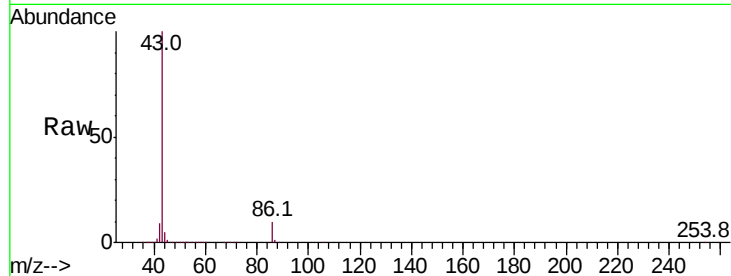
VSTDIC020

Tot Ion: 43 Resp: 442184

Ion Ratio Lower Upper

43 100

86 10.4 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.80

150000

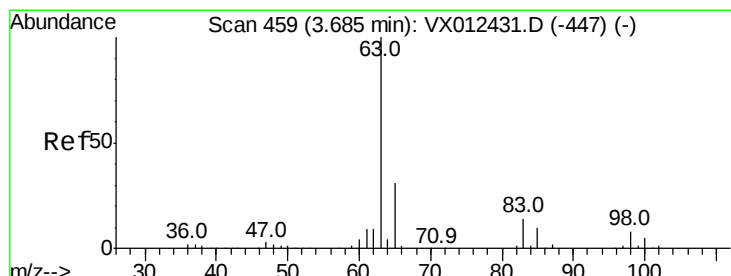
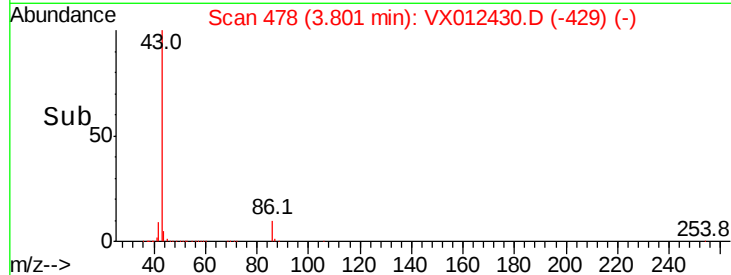
100000

50000

0

Time-->

3.70 3.80 3.90 4.00



#24

1,1-Dichloroethane

Concen: 14.369 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012430.D

Acq: 17 Sep 2019 12:46

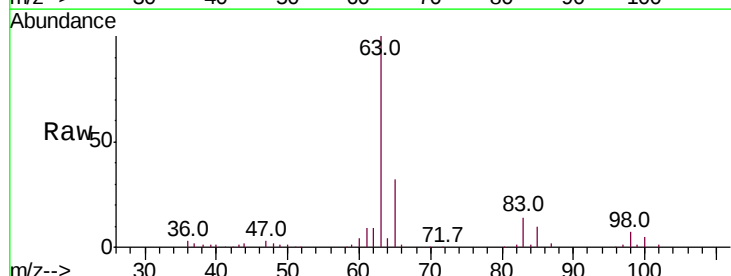
Tgt Ion: 63 Resp: 51334

Ion Ratio Lower Upper

63 100

98 7.5 3.9 11.7

100 4.8 2.3 6.9



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

3.69

25000

20000

15000

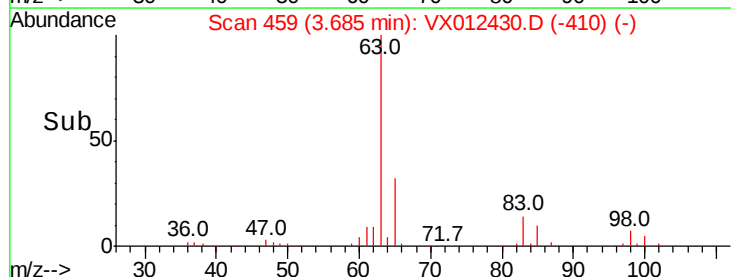
10000

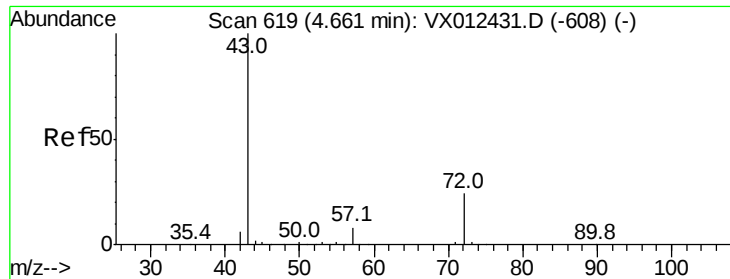
5000

0

Time-->

3.60 3.65 3.70 3.75 3.80





#25

2-Butanone

Concen: 73.019 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX012430.D

Acq: 17 Sep 2019 12:46

Instrument :

MSVOA_X

ClientSampleId :

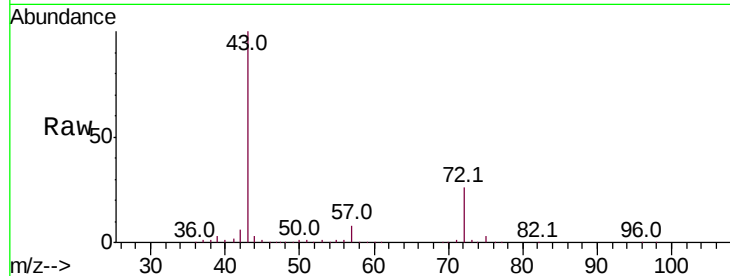
VSTDIC020

Tot Ion: 43 Resp: 148659

Ion Ratio Lower Upper

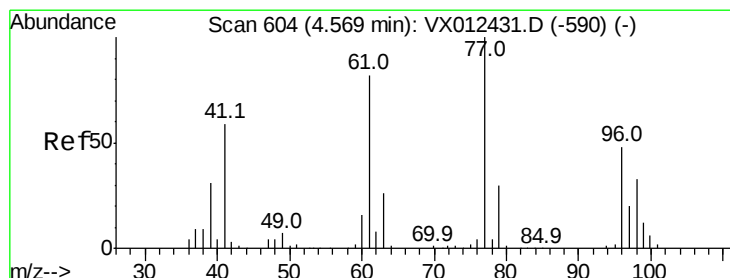
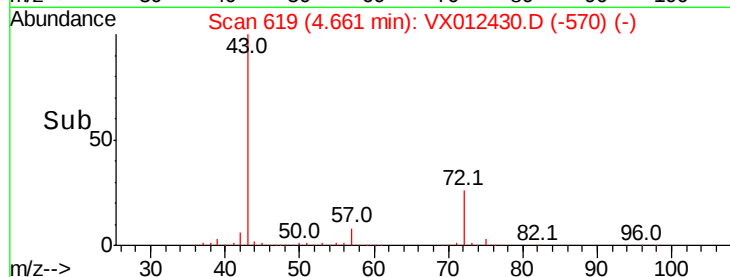
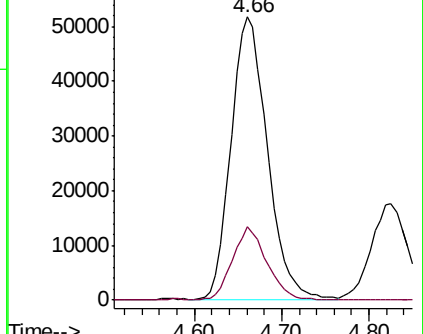
43 100

72 25.7 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 14.416 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX012430.D

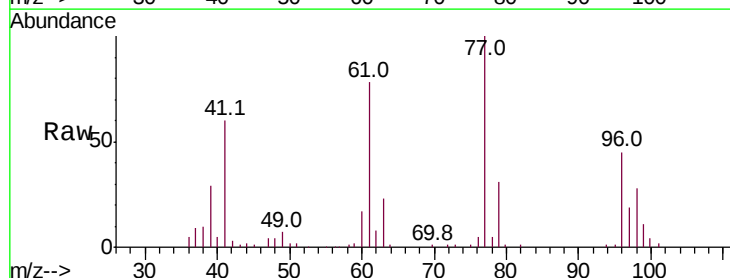
Acq: 17 Sep 2019 12:46

Tgt Ion: 77 Resp: 49144

Ion Ratio Lower Upper

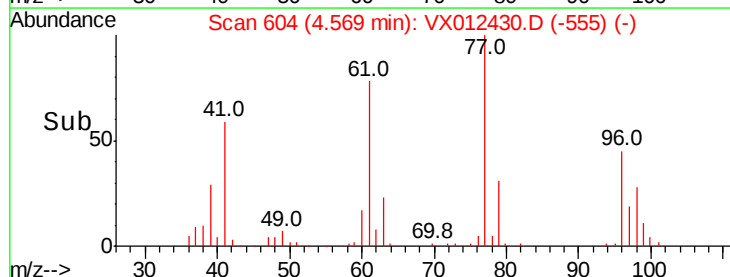
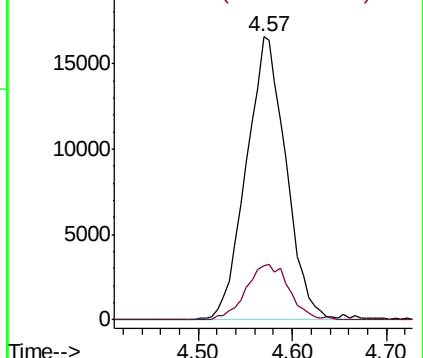
77 100

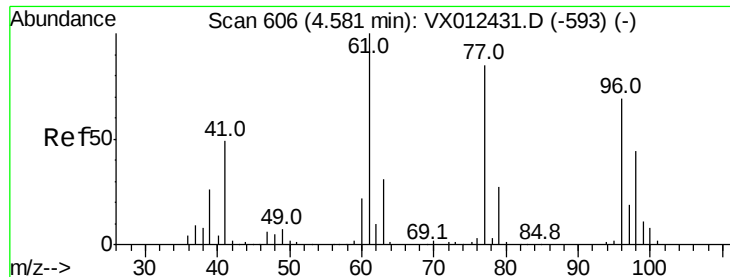
97 21.2 10.5 31.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



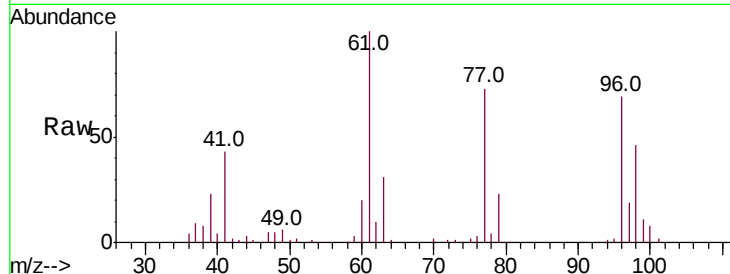


#27

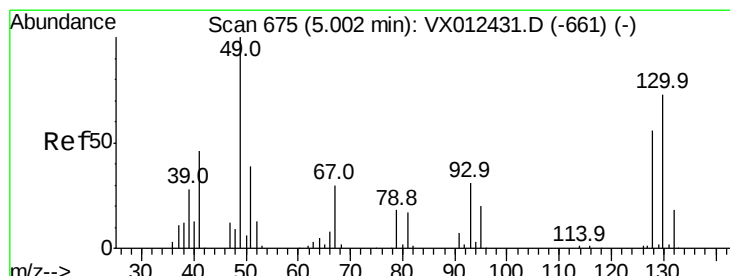
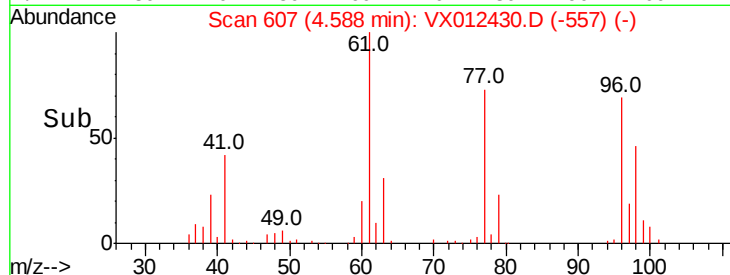
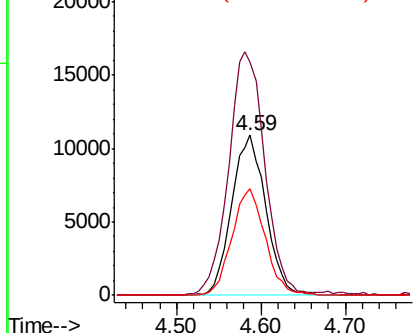
cis-1,2-Dichloroethene
Concen: 14.105 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX012430.D
Acq: 17 Sep 2019 12:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion: 96 Resp: 29823
Ion Ratio Lower Upper
96 100
61 162.0 0.0 319.4
98 65.2 0.0 130.6



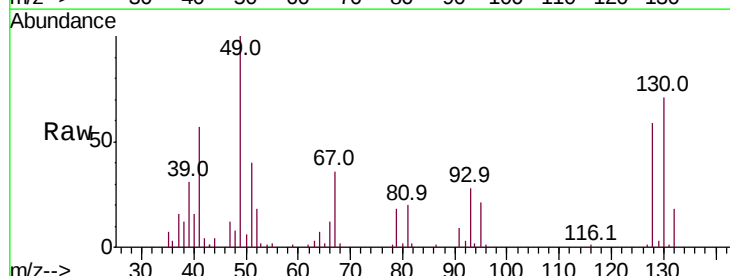
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



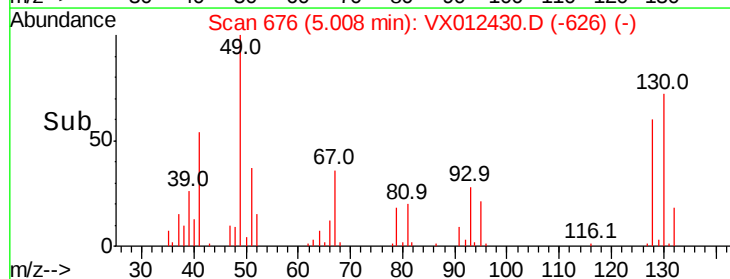
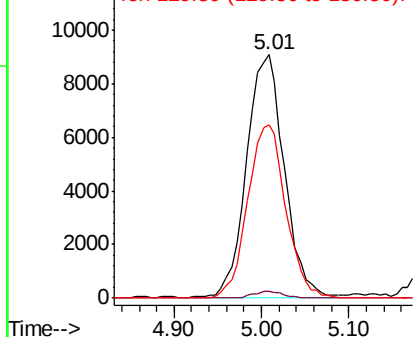
#28

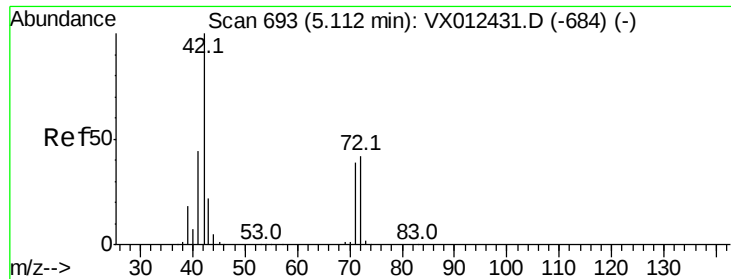
Bromochloromethane
Concen: 15.032 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX012430.D
Acq: 17 Sep 2019 12:46

Tgt Ion: 49 Resp: 27405
Ion Ratio Lower Upper
49 100
129 2.1 0.0 3.8
130 71.6 58.2 87.4



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





#29

Tetrahydrofuran

Concen: 73.134 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.01 min

Lab File: VX012430.D

Acq: 17 Sep 2019 12:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

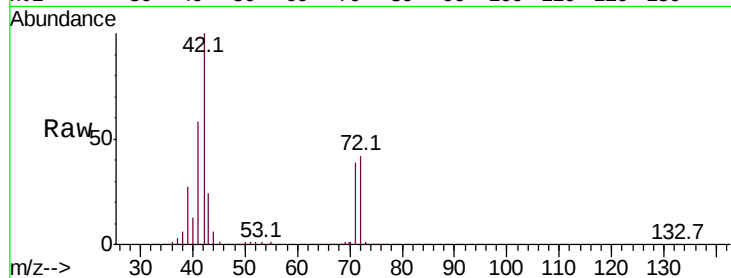
Tot Ion: 42 Resp: 86117

Ion Ratio Lower Upper

42 100

72 43.1 34.0 51.0

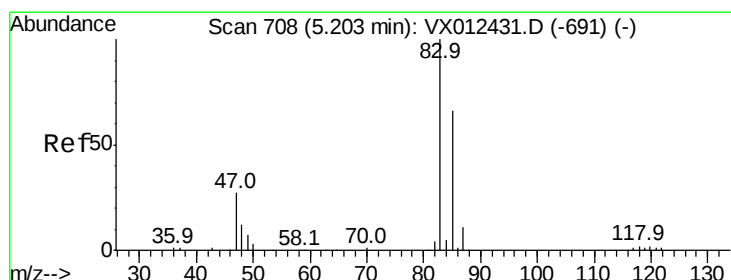
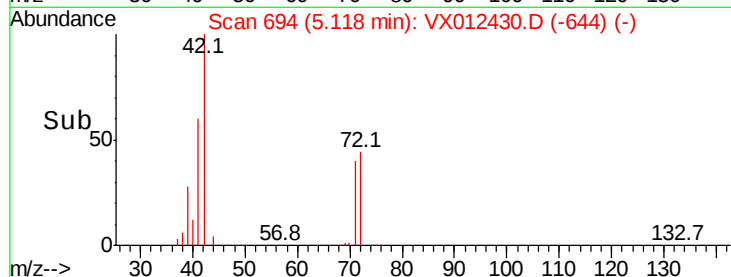
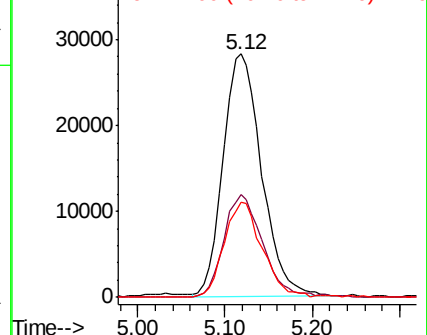
71 38.8 31.5 47.3



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 13.859 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.00 min

Lab File: VX012430.D

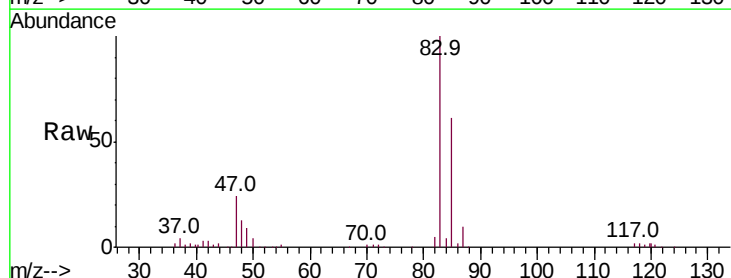
Acq: 17 Sep 2019 12:46

Tgt Ion: 83 Resp: 57059

Ion Ratio Lower Upper

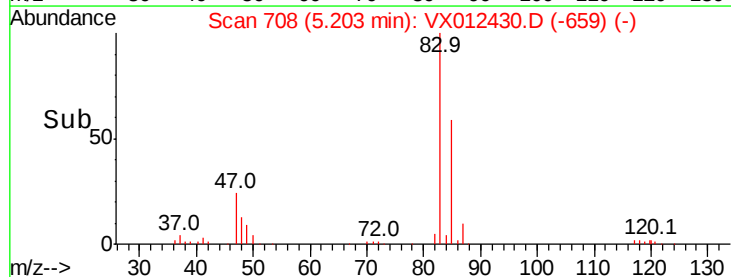
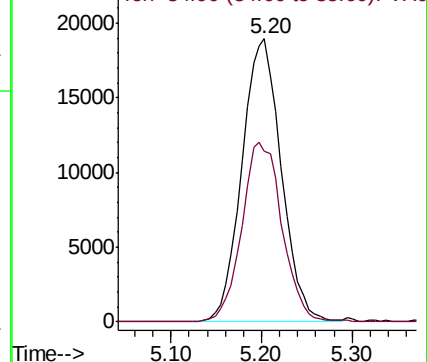
83 100

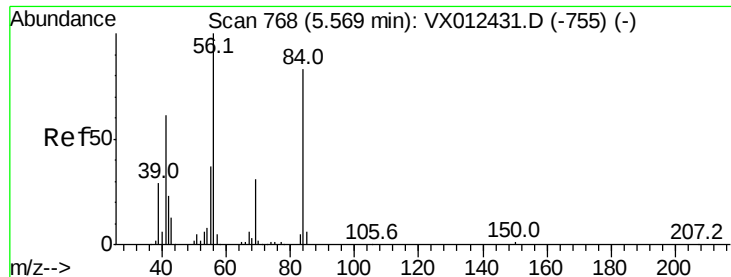
85 60.5 53.0 79.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 14.831 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX012430.D

Acq: 17 Sep 2019 12:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

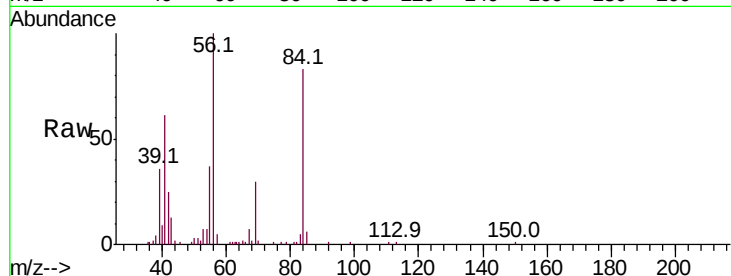
Tot Ion: 56 Resp: 31769

Ion Ratio Lower Upper

56 100

69 29.6 25.0 37.6

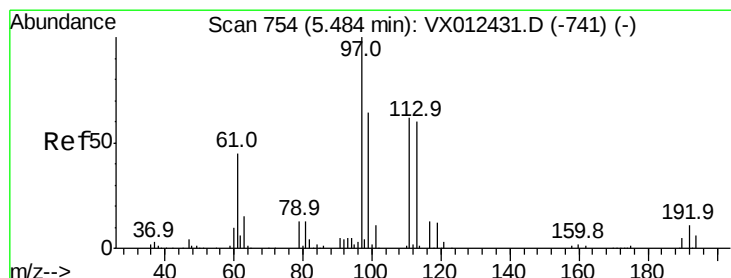
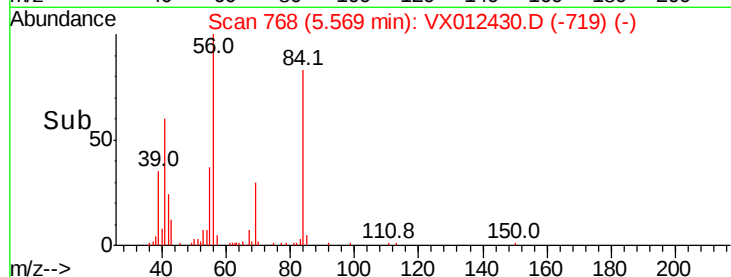
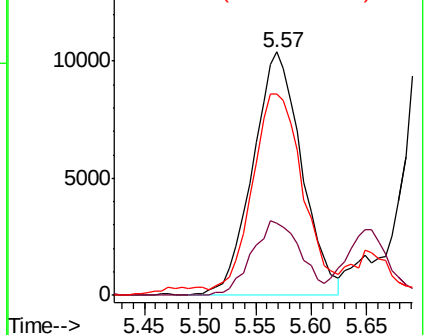
84 79.9 66.4 99.6



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 14.466 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX012430.D

Acq: 17 Sep 2019 12:46

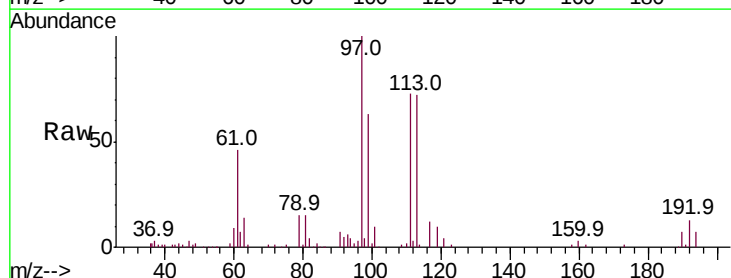
Tgt Ion: 97 Resp: 49330

Ion Ratio Lower Upper

97 100

99 63.6 51.3 76.9

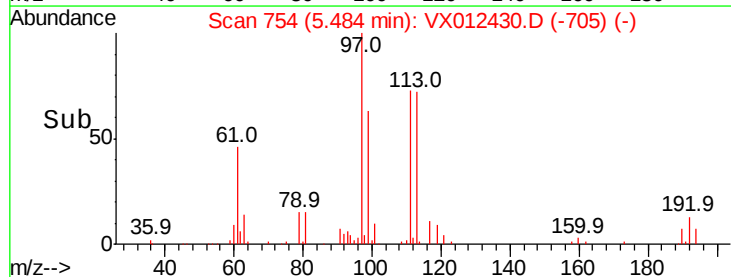
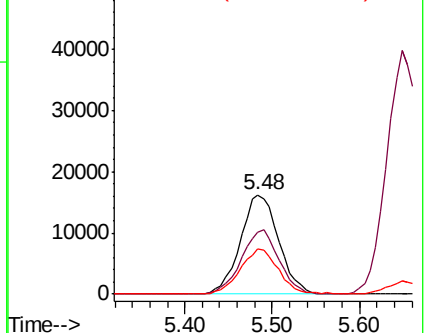
61 45.4 36.1 54.1

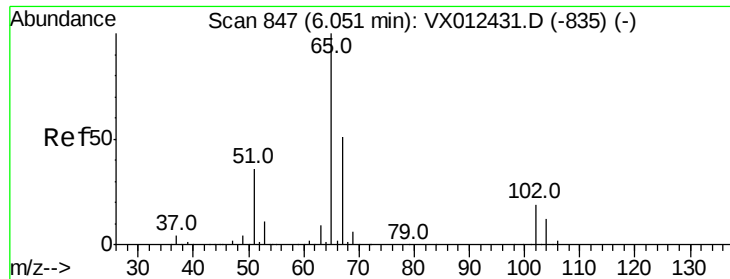


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

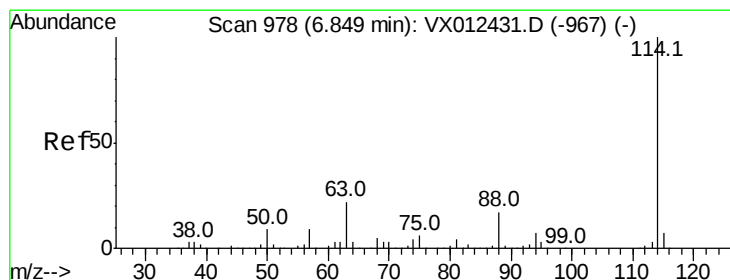
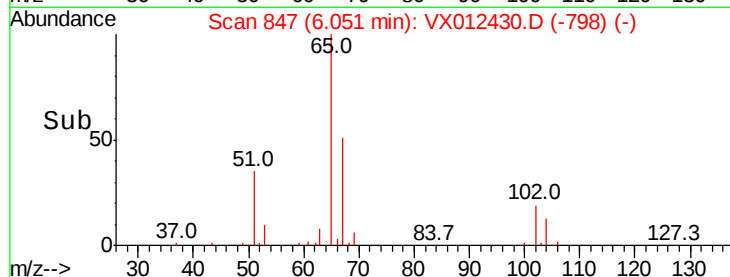
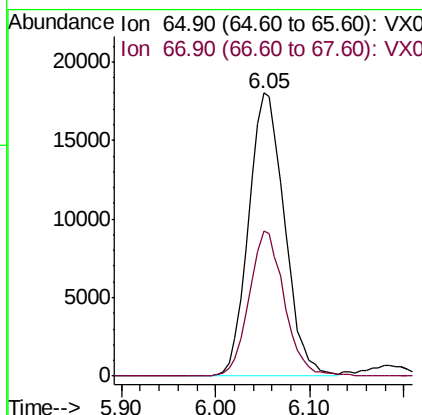
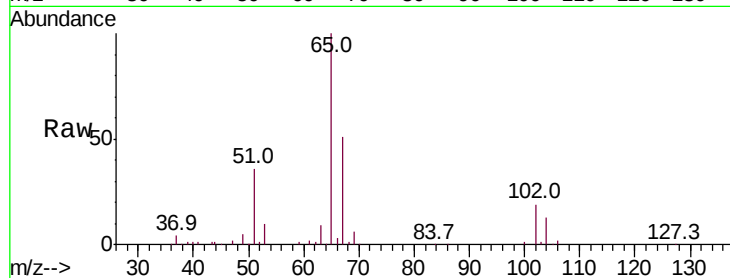




#33
 1,2-Dichloroethane-d4
 Concen: 15.652 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012430.D
 Acq: 17 Sep 2019 12:46

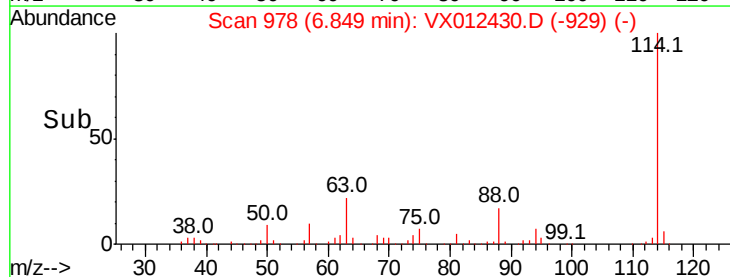
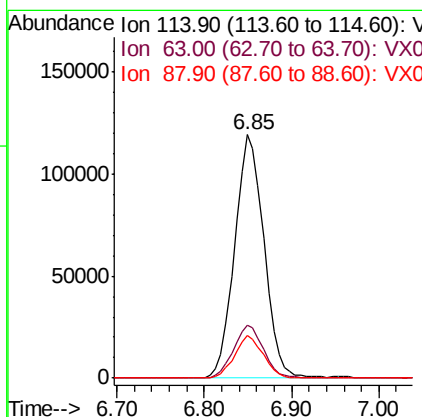
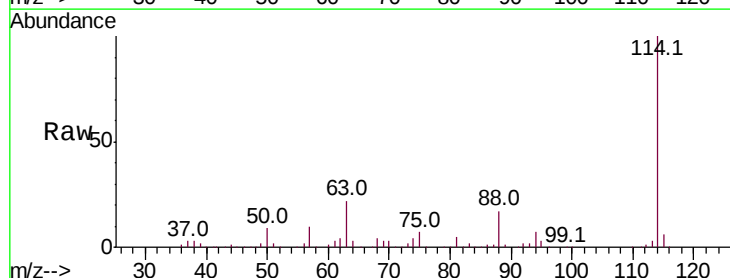
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

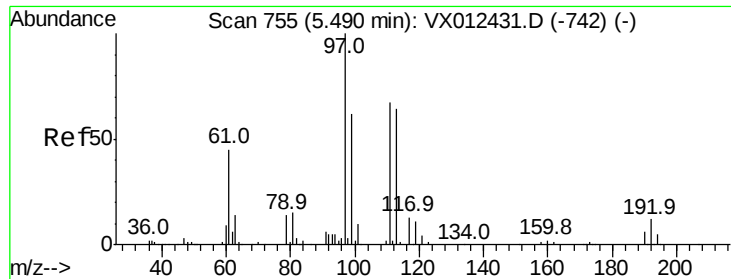
Tot Ion: 65 Resp: 48241
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012430.D
 Acq: 17 Sep 2019 12:46

Tgt Ion: 114 Resp: 278098
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 43.2
 88 17.5 0.0 33.2

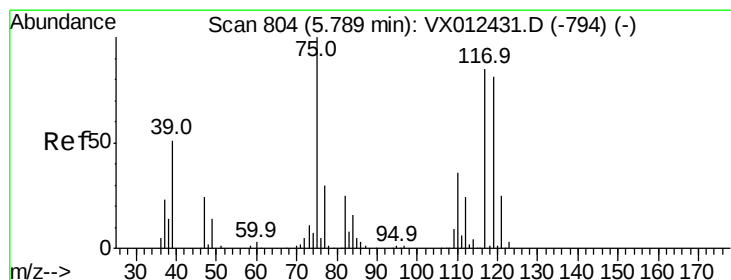
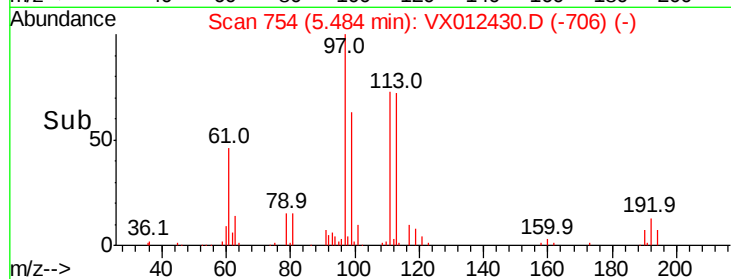
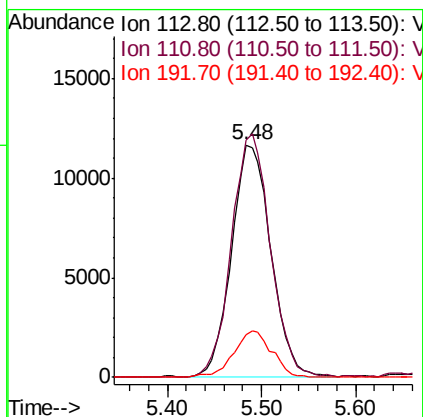
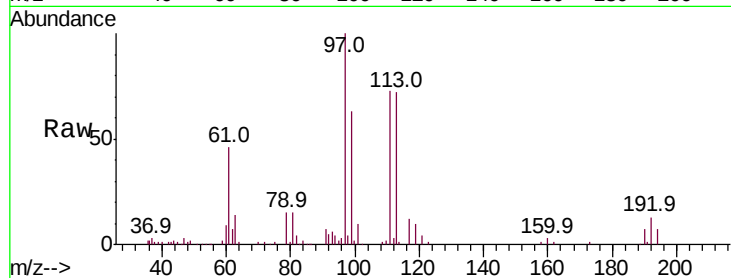




#35
 Dibromofluoromethane
 Concen: 13.821 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX012430.D
 Acq: 17 Sep 2019 12:46

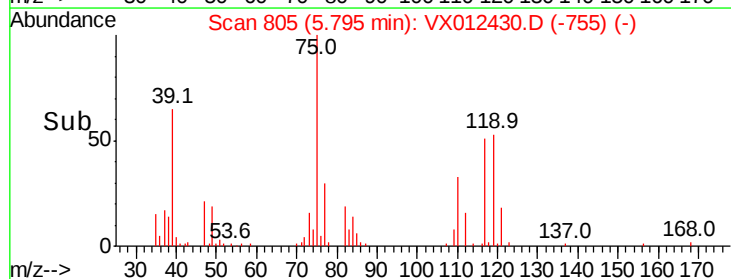
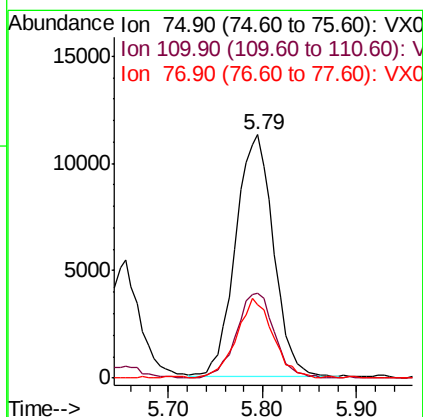
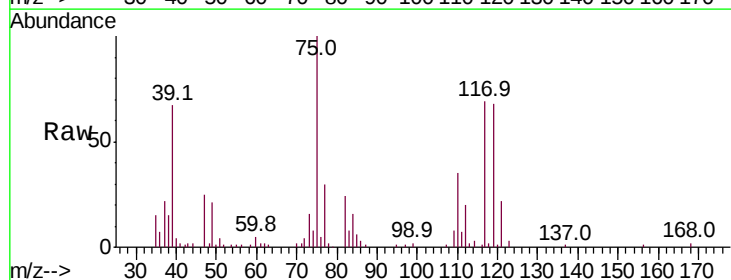
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

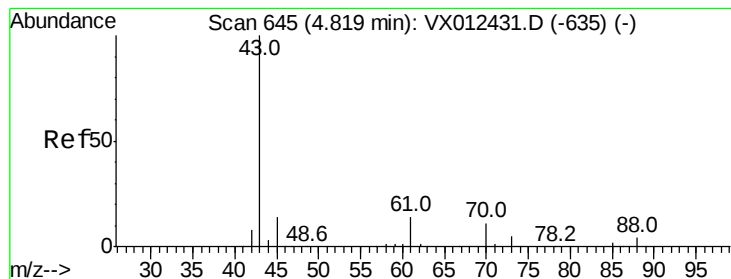
Tot Ion:113 Resp: 34070
 Ion Ratio Lower Upper
 113 100
 111 103.4 83.4 125.2
 192 19.4 14.4 21.6



#36
 1,1-Dichloropropene
 Concen: 13.075 ug/l
 RT: 5.79 min Scan# 805
 Delta R.T. 0.01 min
 Lab File: VX012430.D
 Acq: 17 Sep 2019 12:46

Tgt Ion: 75 Resp: 31717
 Ion Ratio Lower Upper
 75 100
 110 35.2 16.7 50.0
 77 31.7 24.2 36.2





#37

Ethyl Acetate

Concen: 13.943 ug/l

RT: 4.83 min Scan# 646

Delta R.T. 0.01 min

Lab File: VX012430.D

Acq: 17 Sep 2019 12:46

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

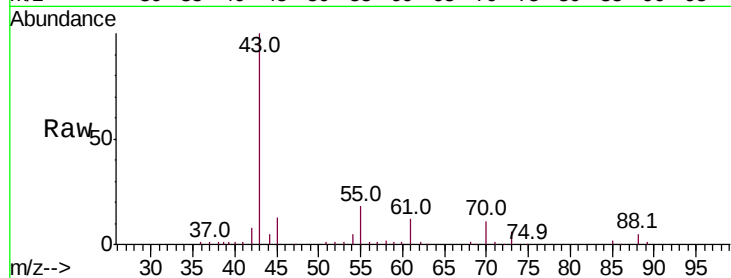
Tot Ion: 43 Resp: 52063

Ion Ratio Lower Upper

43 100

61 12.9 10.2 15.4

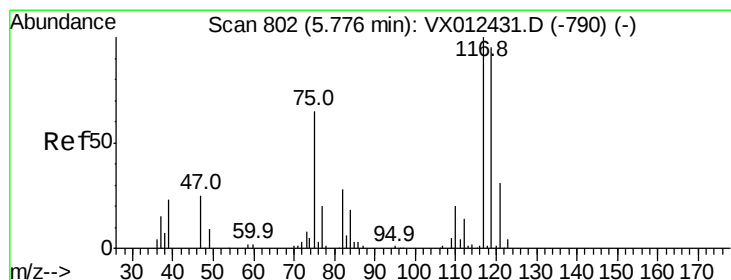
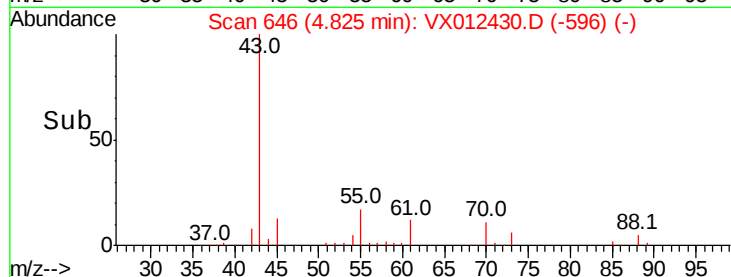
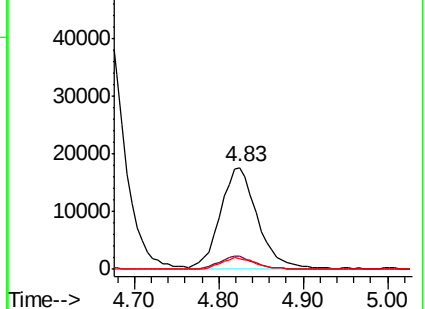
70 11.6 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 13.127 ug/l

RT: 5.77 min Scan# 801

Delta R.T. -0.01 min

Lab File: VX012430.D

Acq: 17 Sep 2019 12:46

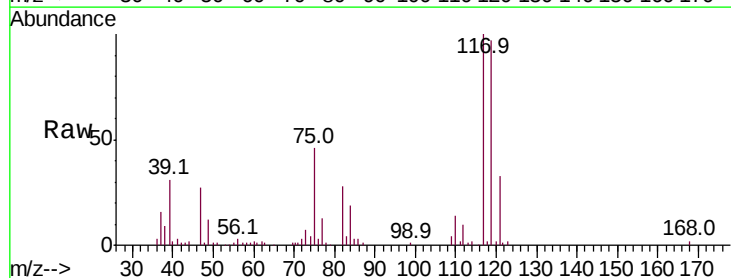
Tgt Ion: 117 Resp: 38554

Ion Ratio Lower Upper

117 100

119 96.6 75.7 113.5

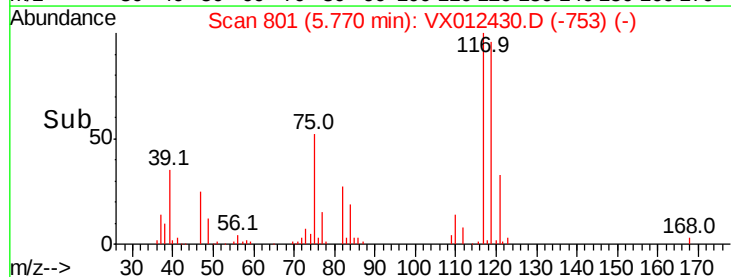
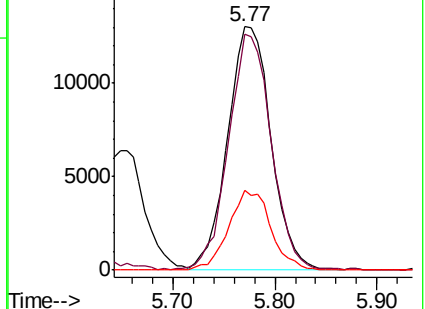
121 33.0 24.2 36.4

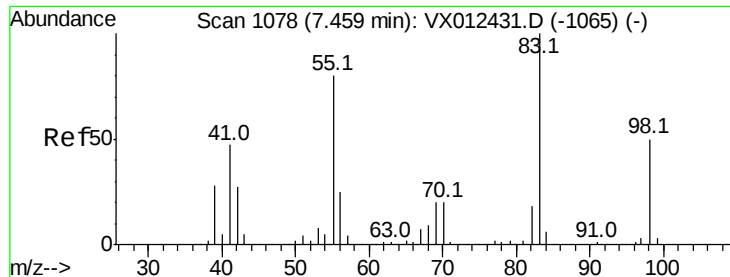


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

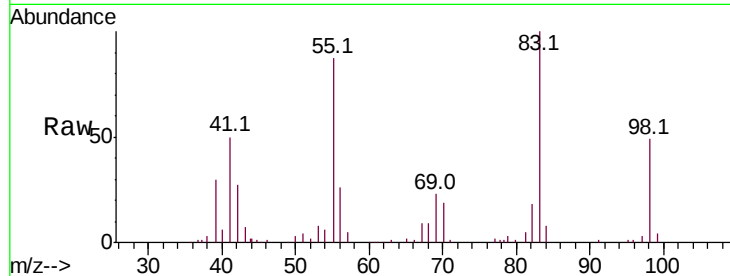




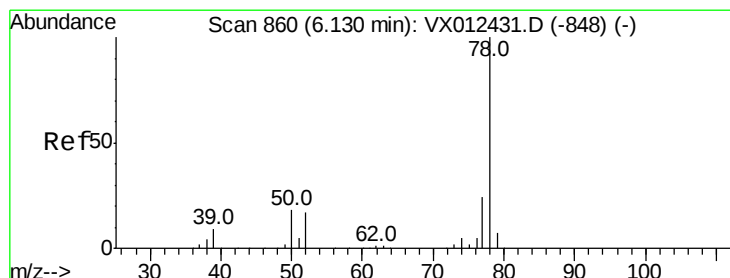
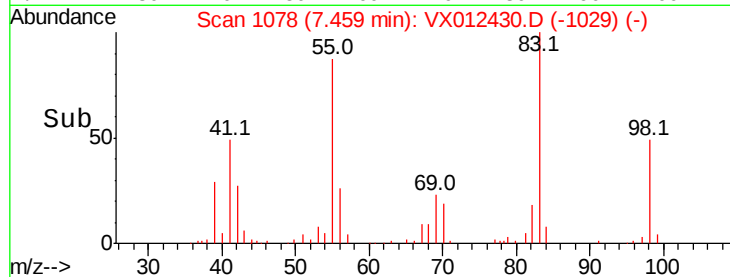
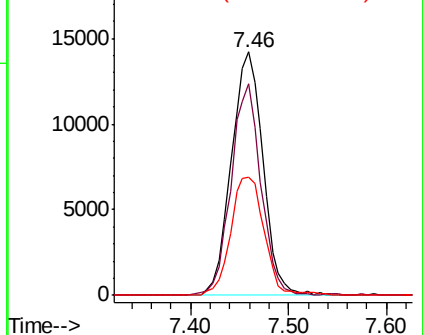
#39
Methvlcvclohexane
Concen: 13.739 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX012430.D
Acq: 17 Sep 2019 12:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion: 83 Resp: 31860
Ion Ratio Lower Upper
83 100
55 86.9 64.4 96.6
98 48.7 40.1 60.1

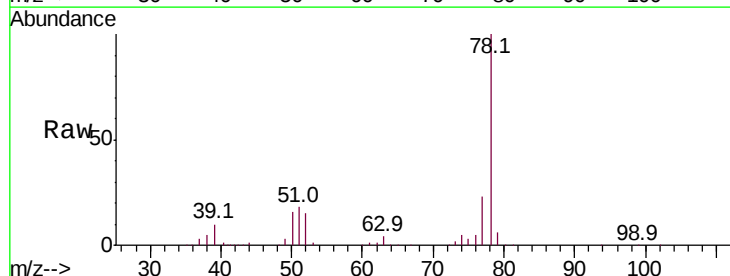


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

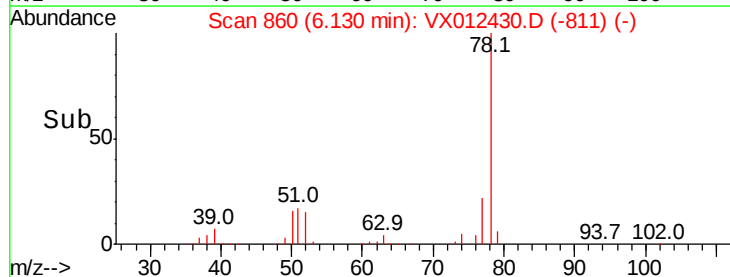
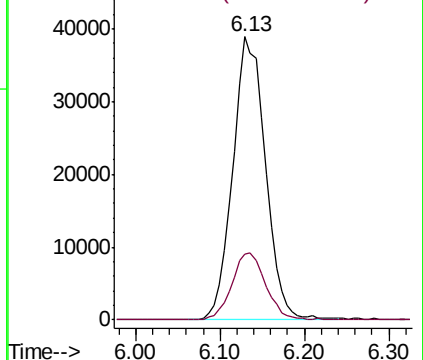


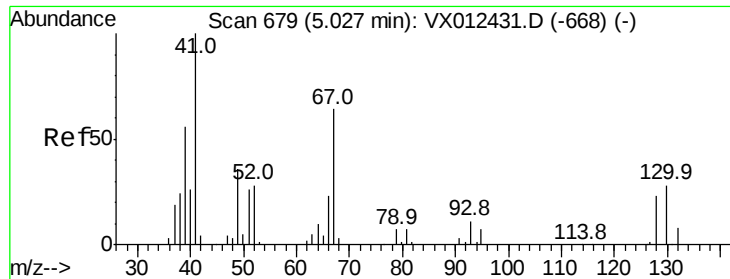
#40
Benzene
Concen: 13.733 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX012430.D
Acq: 17 Sep 2019 12:46

Tgt Ion: 78 Resp: 102025
Ion Ratio Lower Upper
78 100
77 23.3 19.2 28.8



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

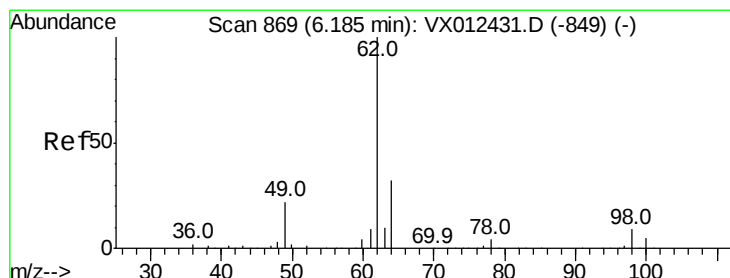
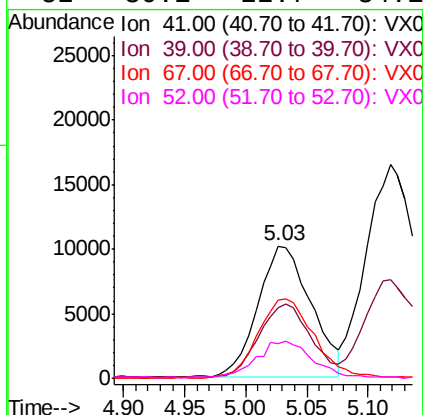
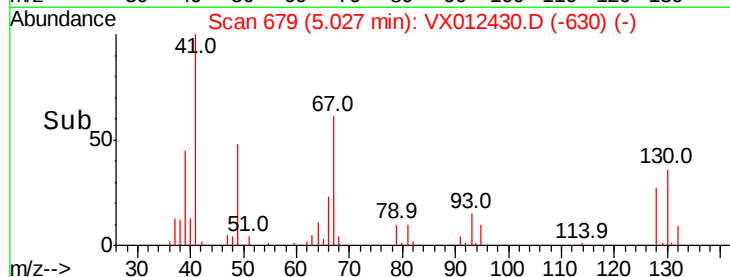
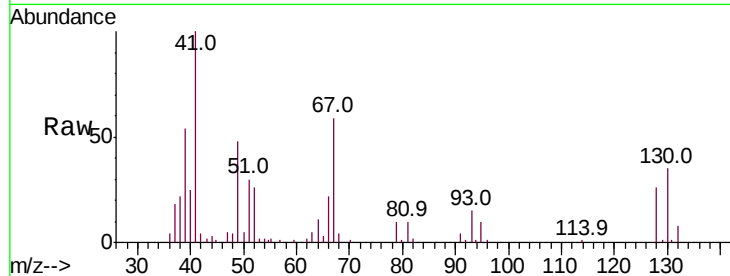




#41
Methacrylonitrile
Concen: 14.512 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX012430.D
Acq: 17 Sep 2019 12:46

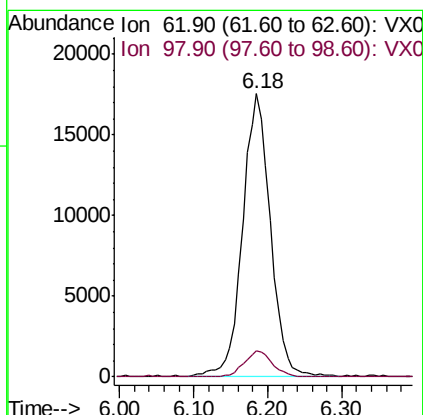
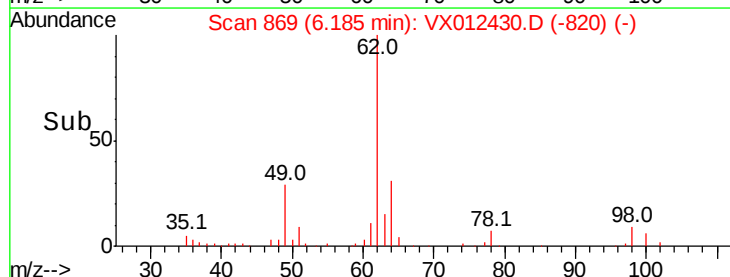
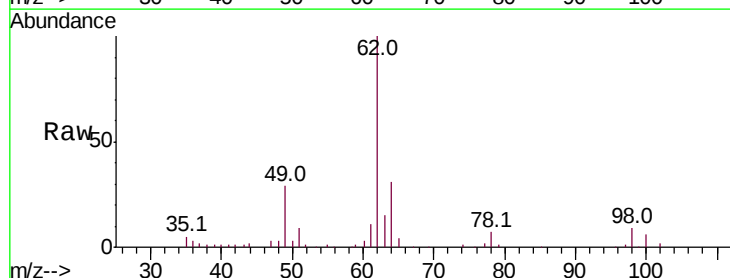
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

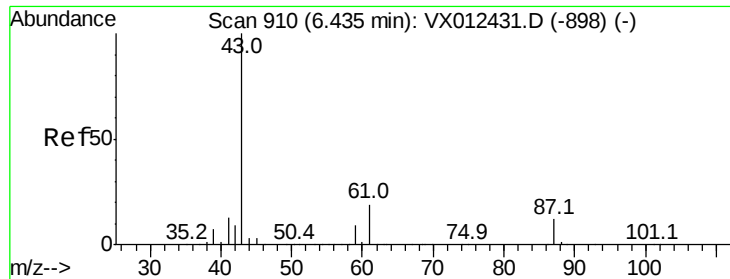
Tot Ion:	41	Resp:	30872
Ion	Ratio	Lower	Upper
41	100		
39	53.4	46.0	69.0
67	64.0	52.2	78.2
52	30.1	22.7	34.1



#42
1,2-Dichloroethane
Concen: 13.606 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX012430.D
Acq: 17 Sep 2019 12:46

Tgt Ion:	62	Resp:	46165
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	17.8





#43

Isopropyl Acetate

Concen: 13.470 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX012430.D

Acq: 17 Sep 2019 12:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

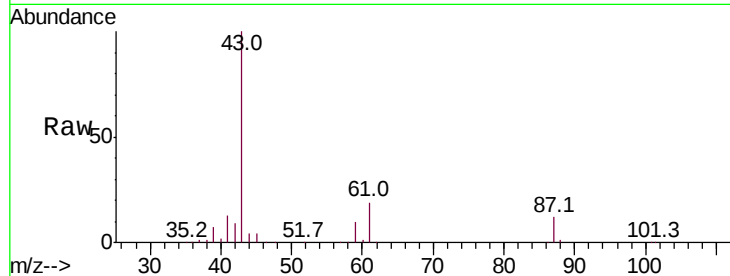
Tot Ion: 43 Resp: 86516

Ion Ratio Lower Upper

43 100

61 18.7 15.4 23.0

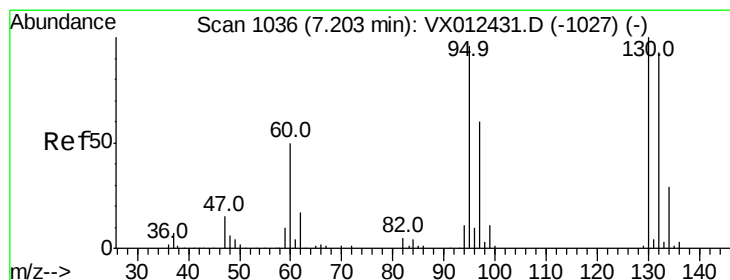
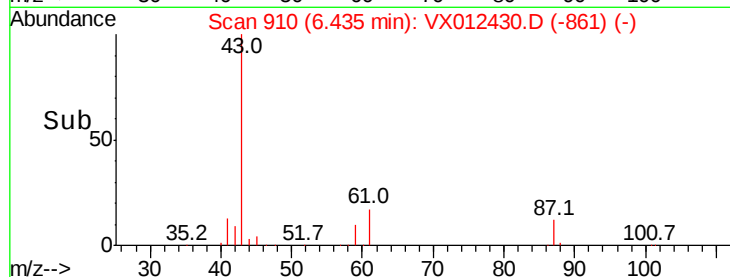
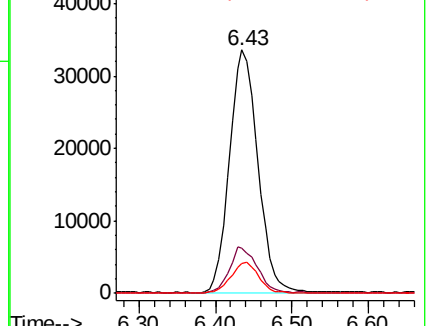
87 12.4 9.8 14.8



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: 13.296 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX012430.D

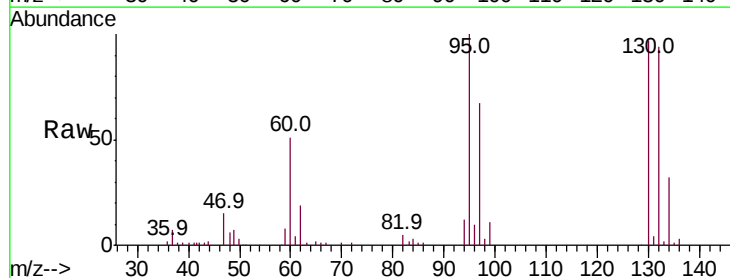
Acq: 17 Sep 2019 12:46

Tgt Ion:130 Resp: 26520

Ion Ratio Lower Upper

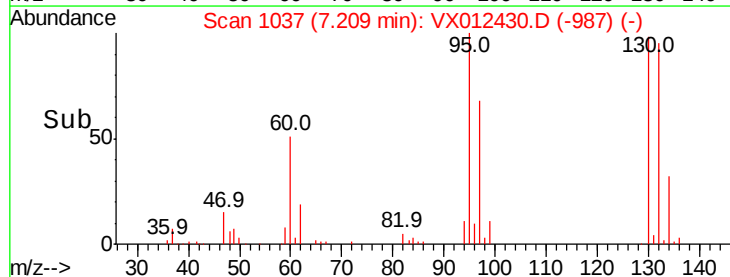
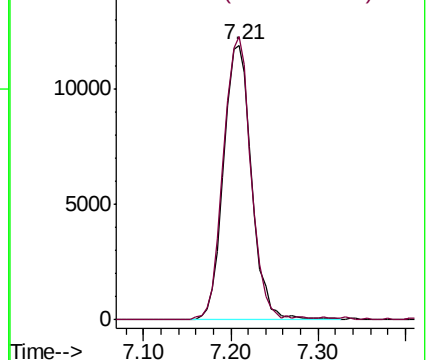
130 100

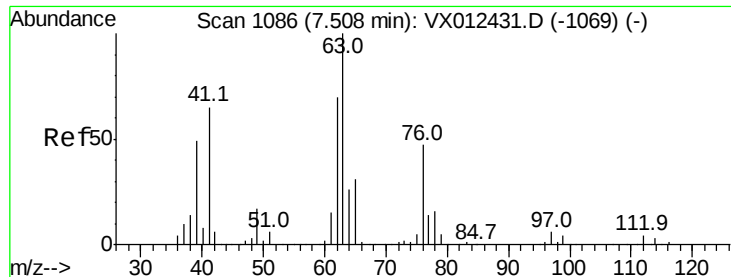
95 103.1 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 13.209 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX012430.D

Acq: 17 Sep 2019 12:46

Instrument :

MSVOA_X

ClientSampleId :

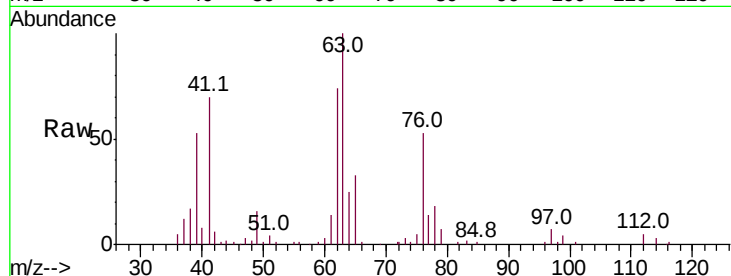
VSTDIC020

Tot Ion: 63 Resp: 30190

Ion Ratio Lower Upper

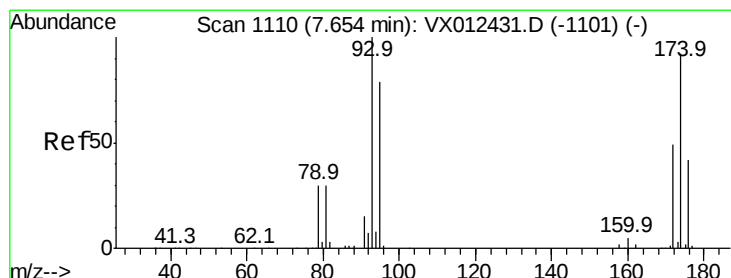
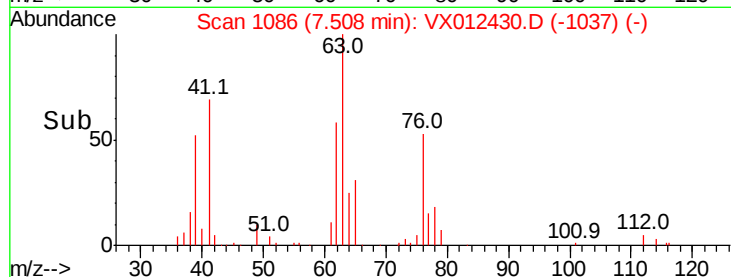
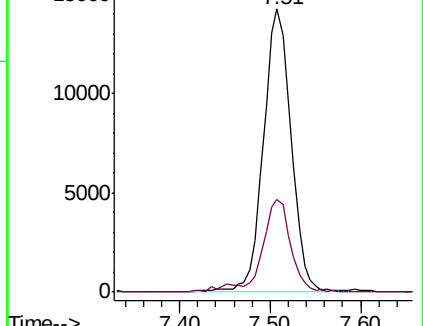
63 100

65 32.7 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 13.197 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX012430.D

Acq: 17 Sep 2019 12:46

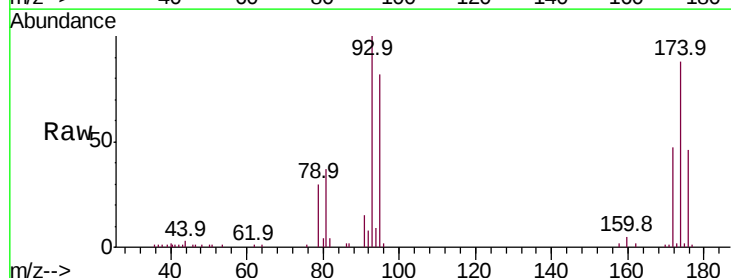
Tgt Ion: 93 Resp: 20029

Ion Ratio Lower Upper

93 100

95 78.7 66.6 100.0

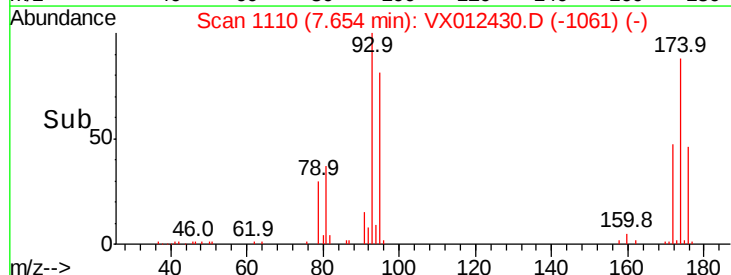
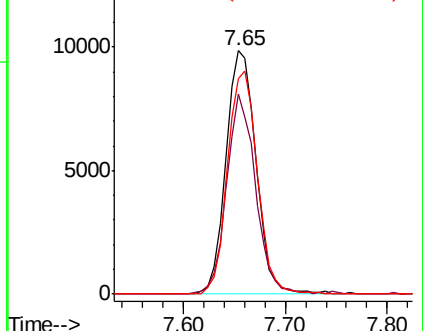
174 91.0 77.4 116.0

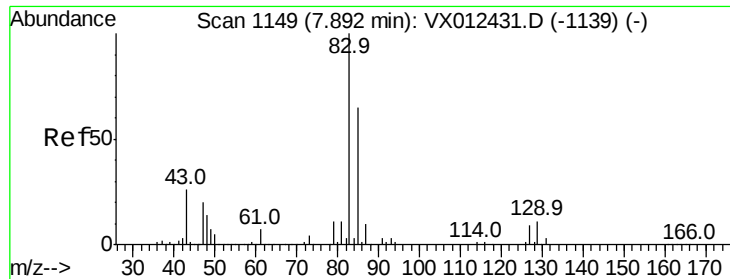


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 12.790 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012430.D

Acq: 17 Sep 2019 12:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

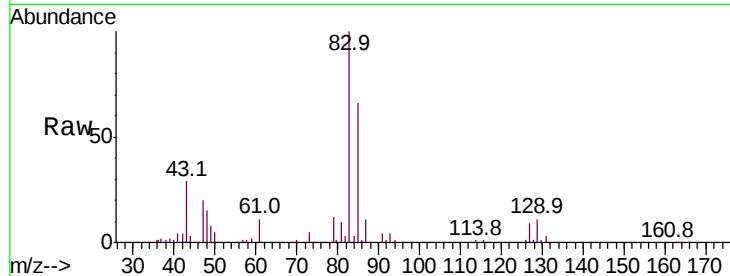
Tot Ion: 83 Resp: 43225

Ion Ratio Lower Upper

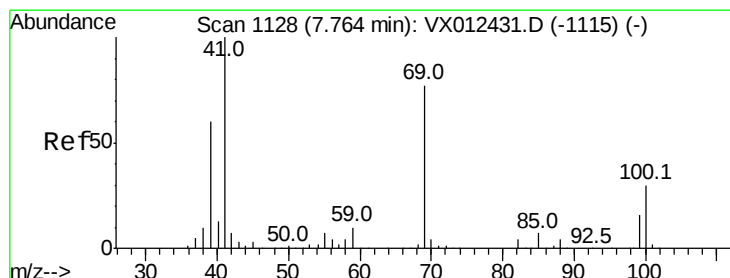
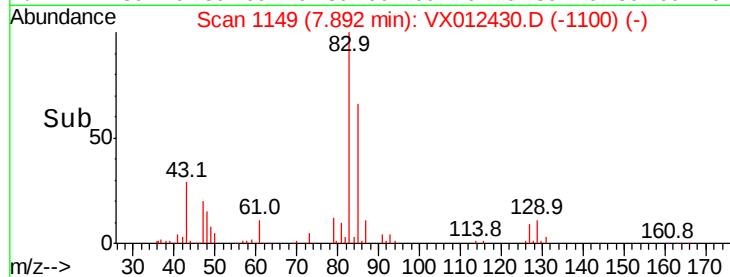
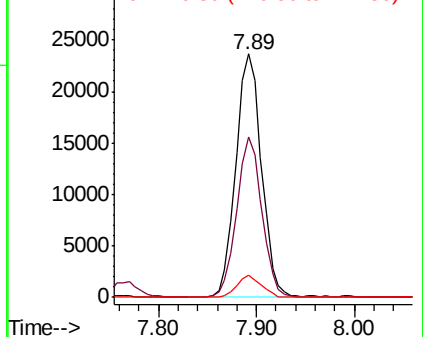
83 100

85 65.7 51.8 77.6

127 9.1 7.3 10.9



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: 14.456 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX012430.D

Acq: 17 Sep 2019 12:46

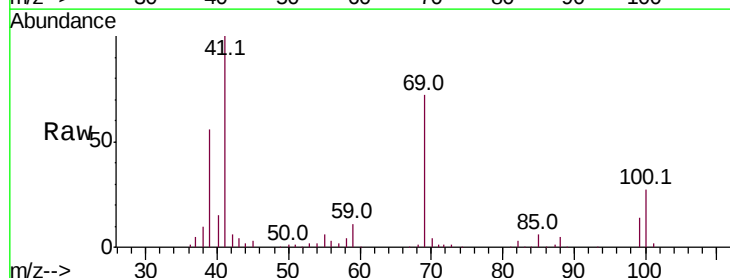
Tgt Ion: 41 Resp: 41223

Ion Ratio Lower Upper

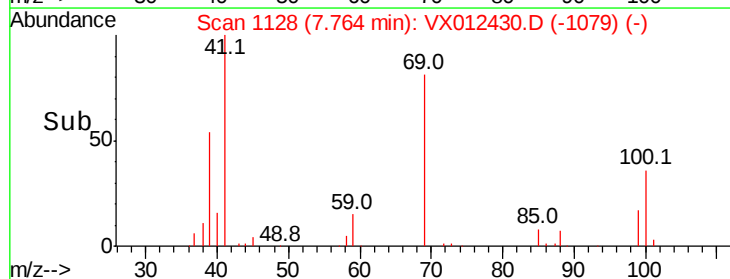
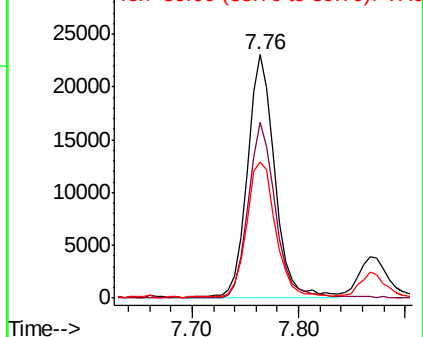
41 100

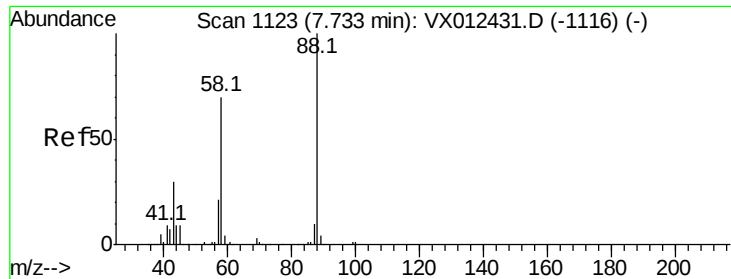
69 73.7 59.9 89.9

39 58.9 47.8 71.6



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

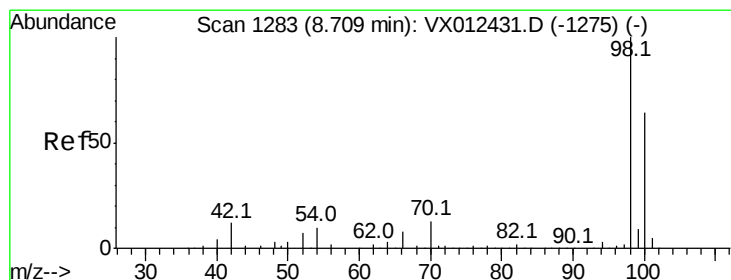
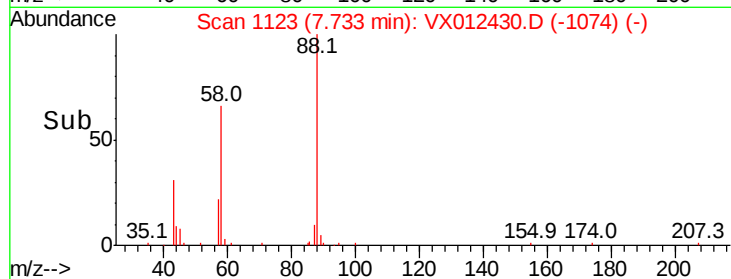
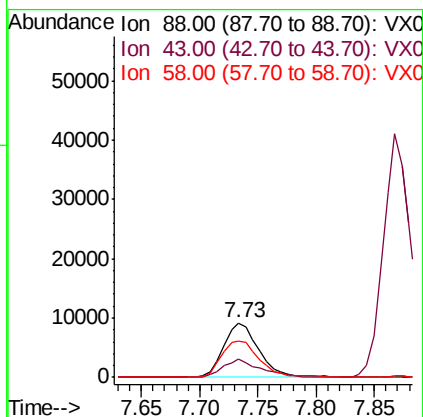
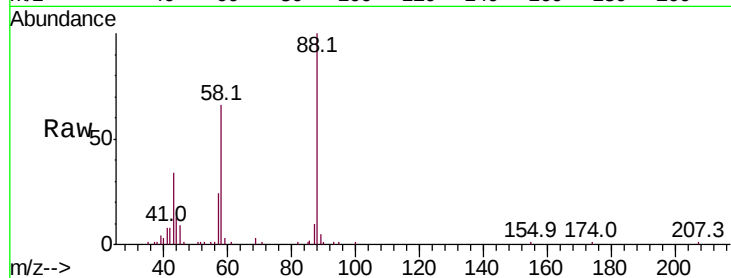




#49
 1,4-Dioxane
 Concen: 264.380 ug/l
 RT: 7.73 min Scan# 1123
 Delta R.T. 0.00 min
 Lab File: VX012430.D
 Acq: 17 Sep 2019 12:46

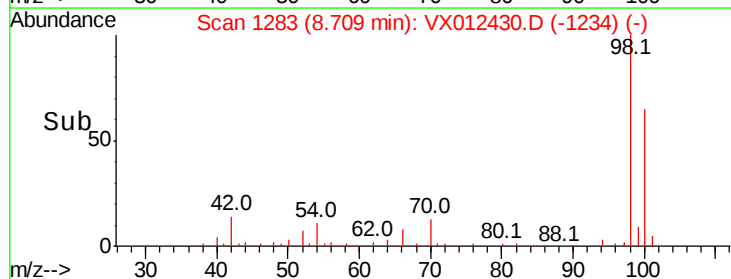
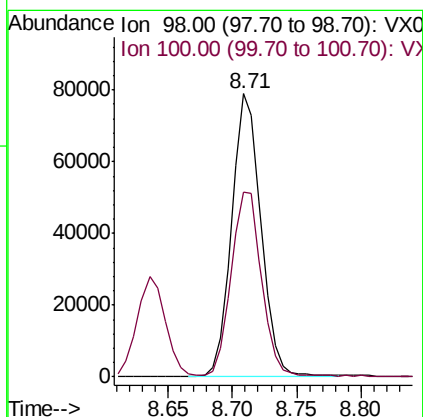
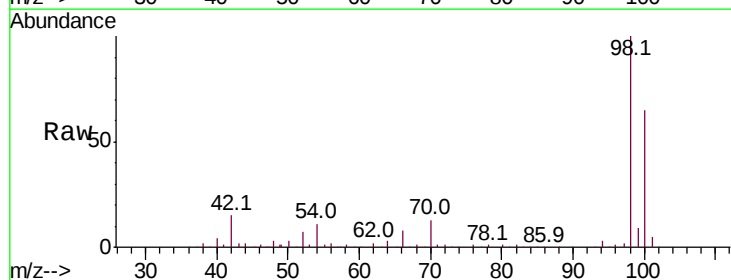
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC020

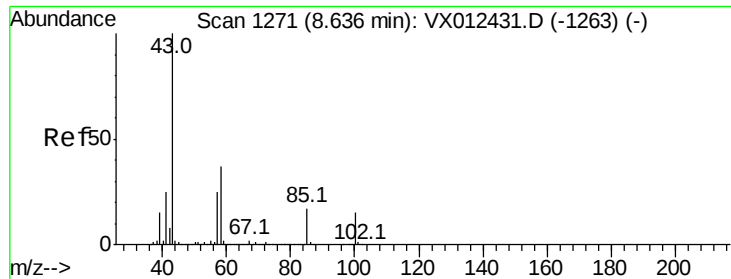
Tot Ion: 88 Resp: 19235
 Ion Ratio Lower Upper
 88 100
 43 33.9 29.4 44.0
 58 72.3 57.5 86.3



#50
 Toluene-d8
 Concen: 14.383 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VX012430.D
 Acq: 17 Sep 2019 12:46

Tgt Ion: 98 Resp: 125662
 Ion Ratio Lower Upper
 98 100
 100 67.0 53.4 80.2





#51

4-Methyl-2-Pentanone

Concen: 69.606 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012430.D

Acq: 17 Sep 2019 12:46

Instrument :

MSVOA_X

ClientSampleId :

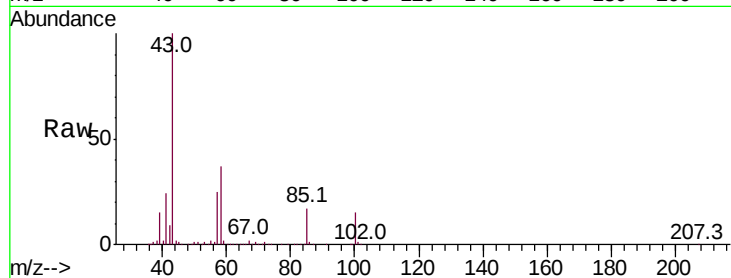
VSTDIC020

Tot Ion: 43 Resp: 289211

Ion Ratio Lower Upper

43 100

58 36.5 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

200000

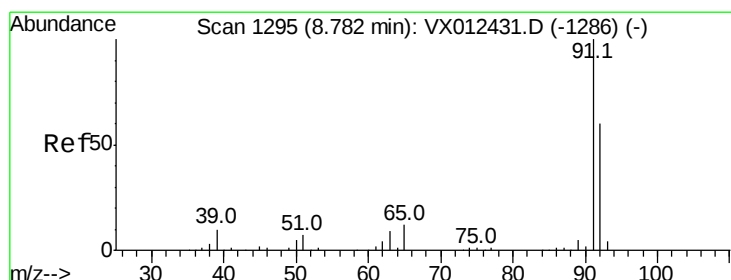
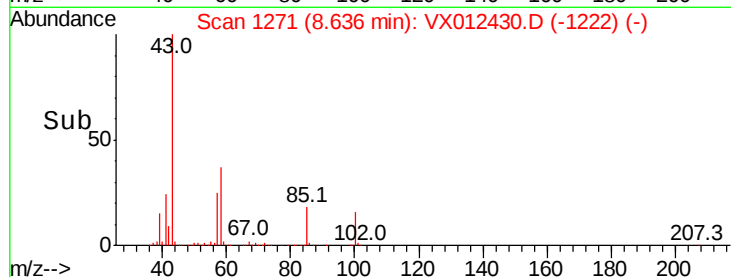
150000

100000

50000

0

Time--> 8.50 8.60 8.70 8.80



#52

Toluene

Concen: 13.760 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX012430.D

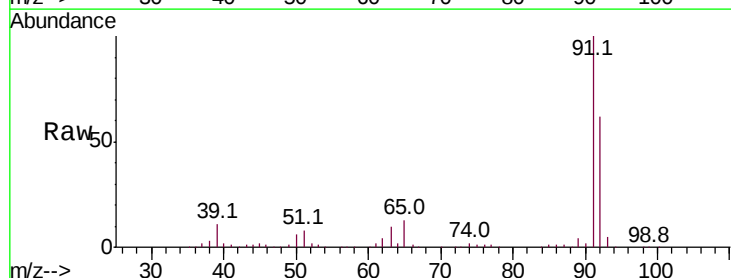
Acq: 17 Sep 2019 12:46

Tgt Ion: 92 Resp: 66449

Ion Ratio Lower Upper

92 100

91 164.9 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

80000

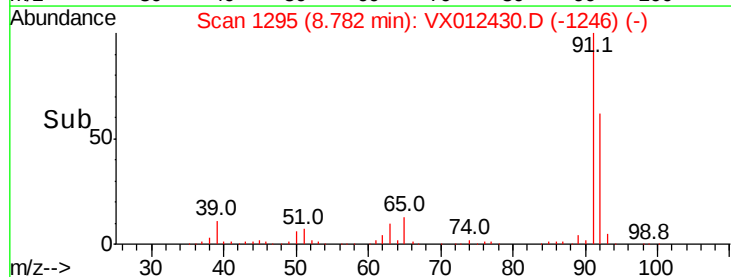
60000

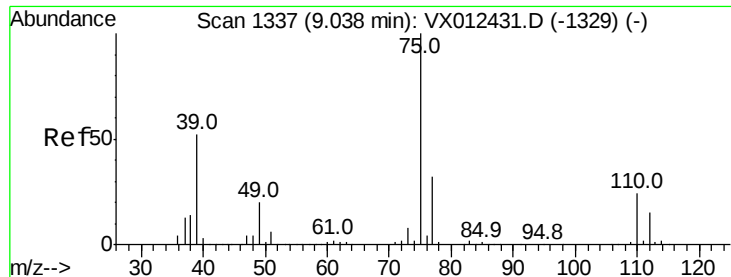
40000

20000

0

Time--> 8.70 8.75 8.80 8.85

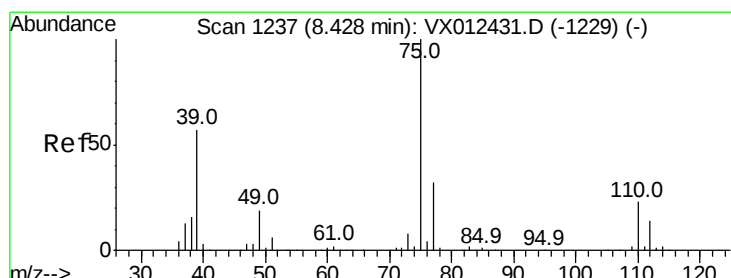
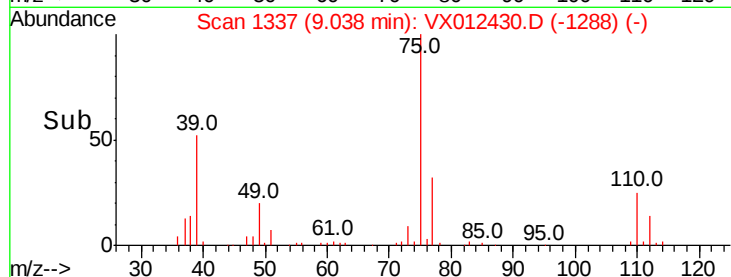
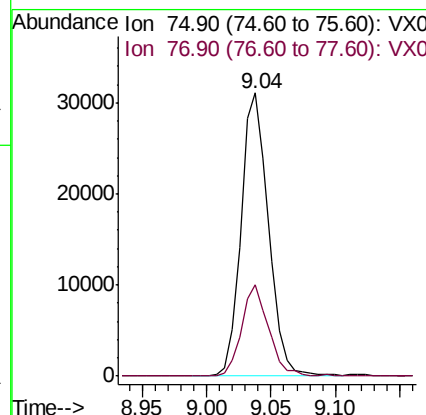
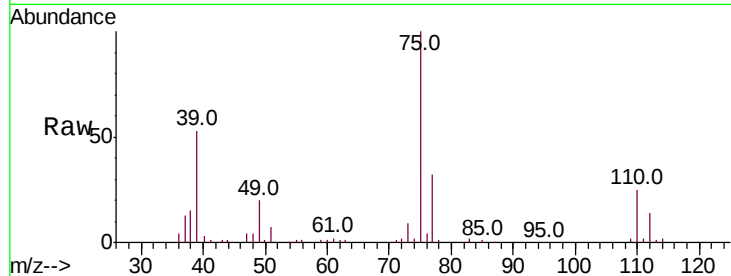




#53
 t-1,3-Dichloropropene
 Concen: 13.024 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VX012430.D
 Acq: 17 Sep 2019 12:46

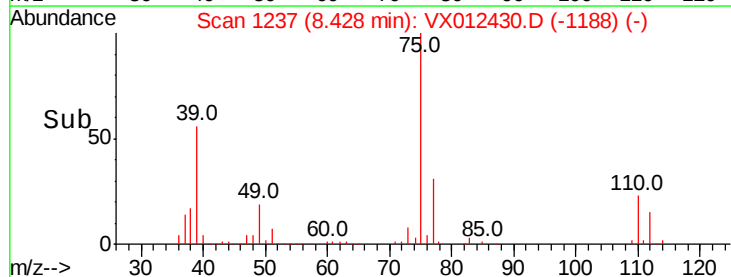
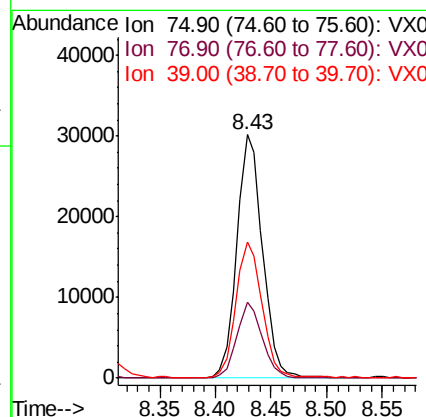
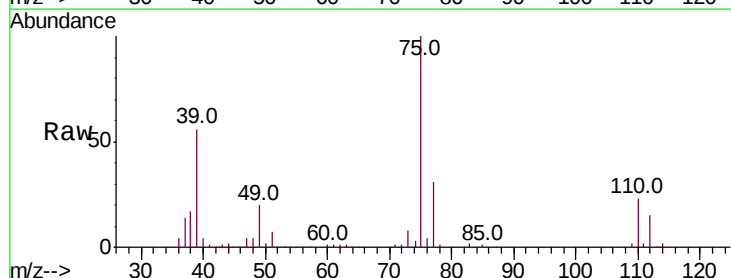
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

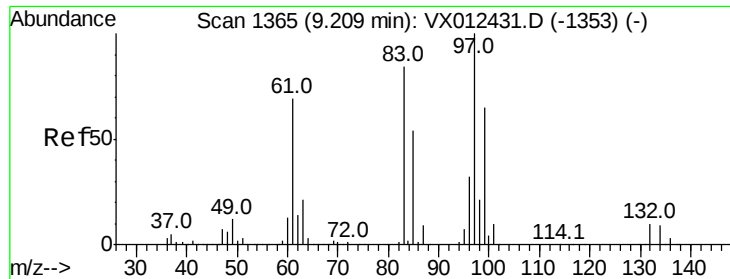
Tot Ion: 75 Resp: 45672
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 13.305 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX012430.D
 Acq: 17 Sep 2019 12:46

Tgt Ion: 75 Resp: 48294
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.8 38.8
 39 55.4 45.5 68.3



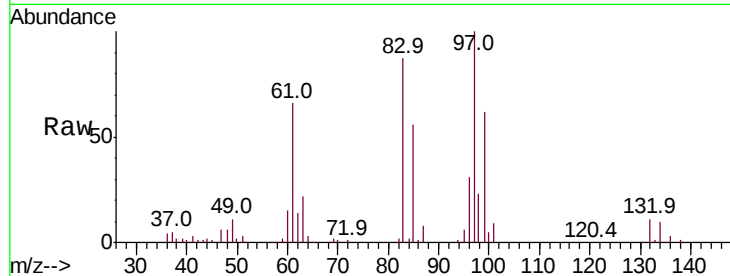


#55
 1,1,2-Trichloroethane
 Concen: 12.830 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012430.D
 Acq: 17 Sep 2019 12:46

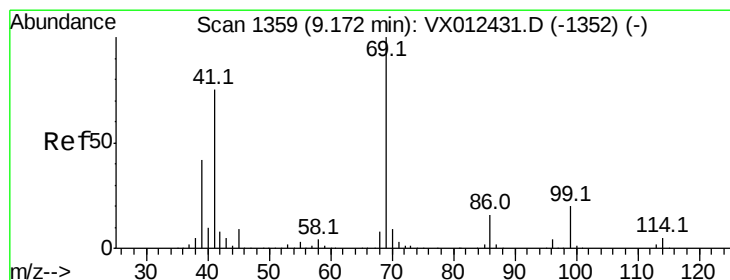
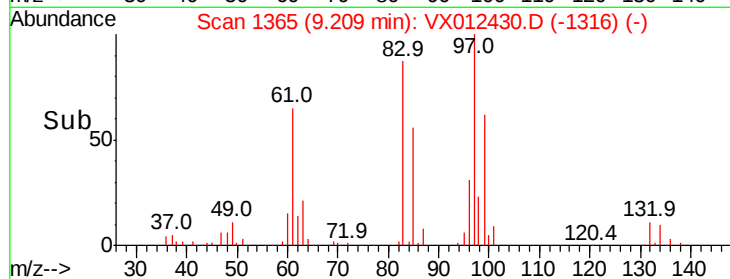
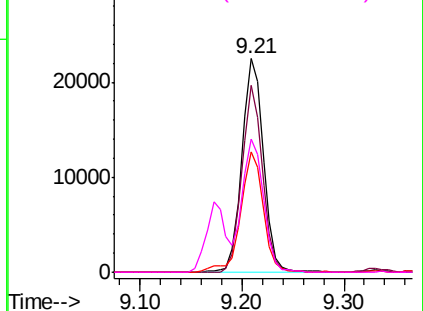
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion: 97 Resp: 32790

Ion	Ratio	Lower	Upper
97	100		
83	87.3	67.4	101.2
85	56.4	43.5	65.3
99	62.2	51.8	77.8



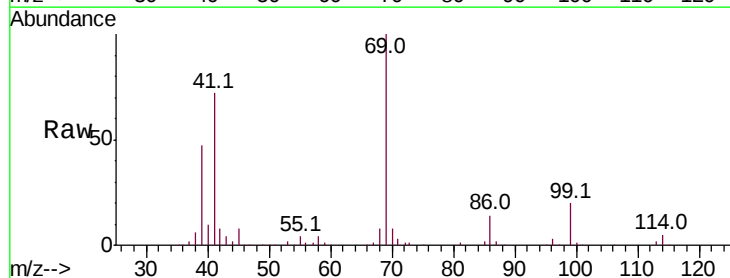
Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0



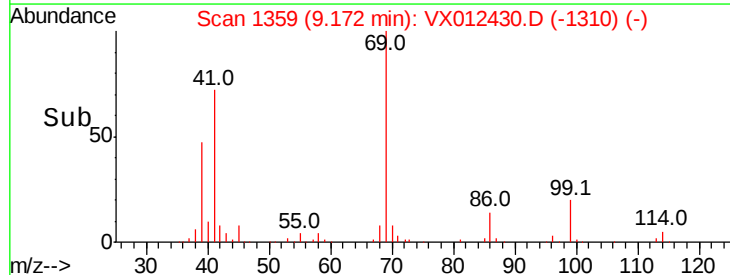
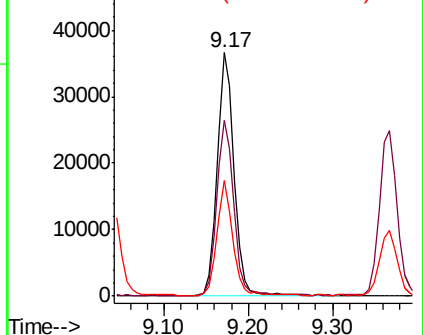
#56
 Ethyl methacrylate
 Concen: 13.344 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012430.D
 Acq: 17 Sep 2019 12:46

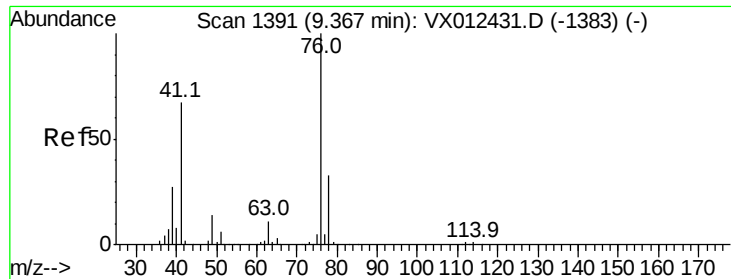
Tgt Ion: 69 Resp: 51249

Ion	Ratio	Lower	Upper
69	100		
41	72.2	58.4	87.6
39	43.4	33.4	50.0



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





#57

1,3-Dichloropropane

Concen: 13.043 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX012430.D

Acq: 17 Sep 2019 12:46

Instrument :

MSVOA_X

ClientSampleId :

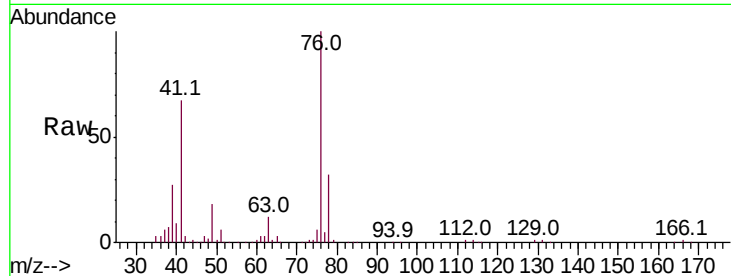
VSTDIC020

Tot Ion: 76 Resp: 52762

Ion Ratio Lower Upper

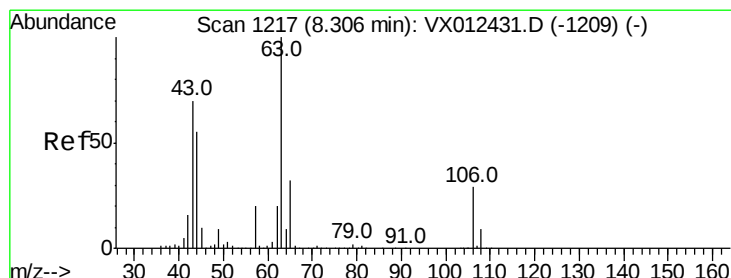
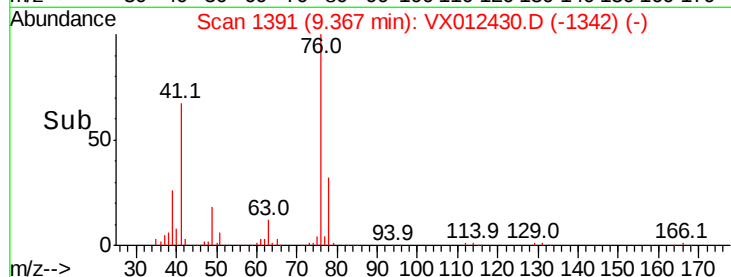
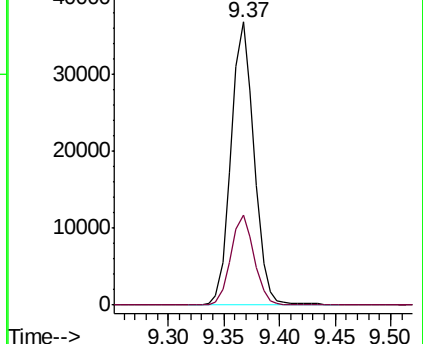
76 100

78 32.2 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 68.795 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX012430.D

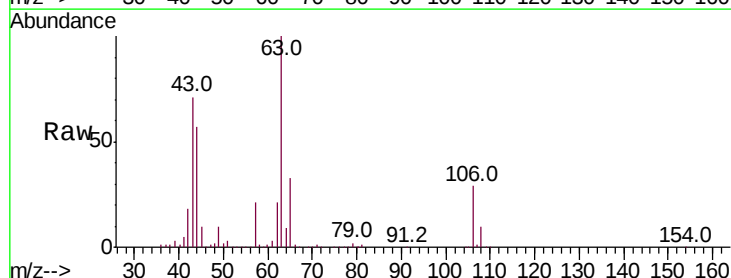
Acq: 17 Sep 2019 12:46

Tgt Ion: 63 Resp: 140835

Ion Ratio Lower Upper

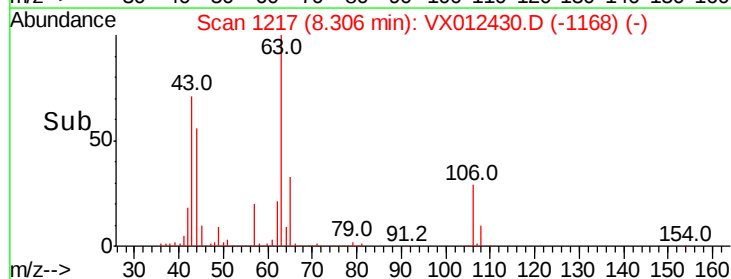
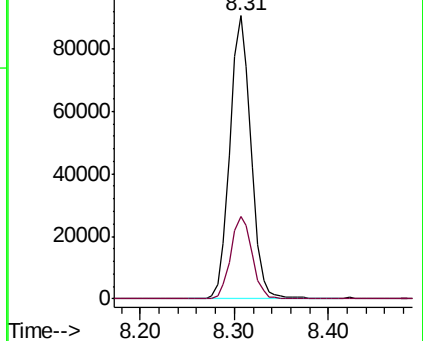
63 100

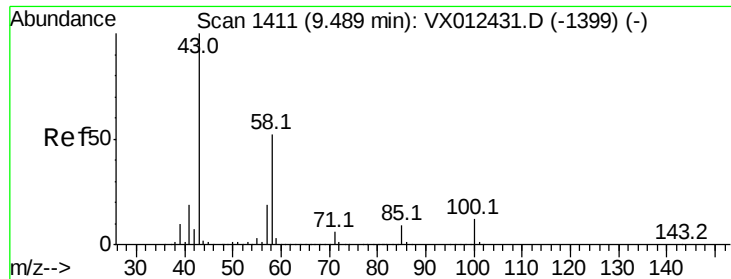
106 29.5 23.8 35.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

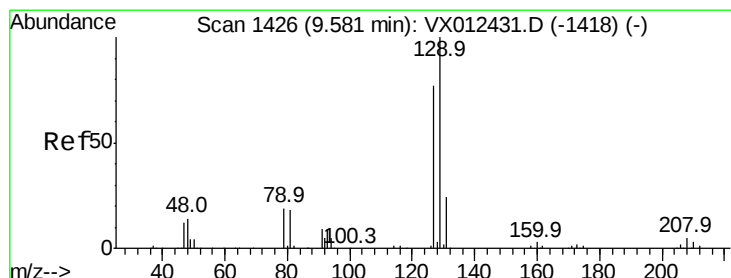
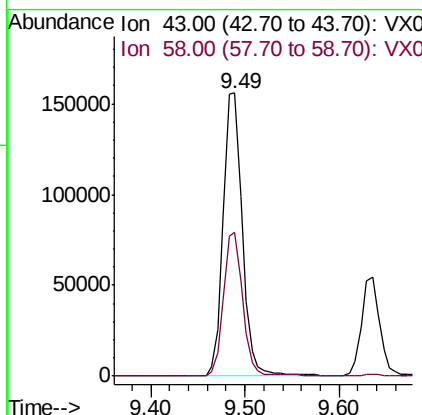
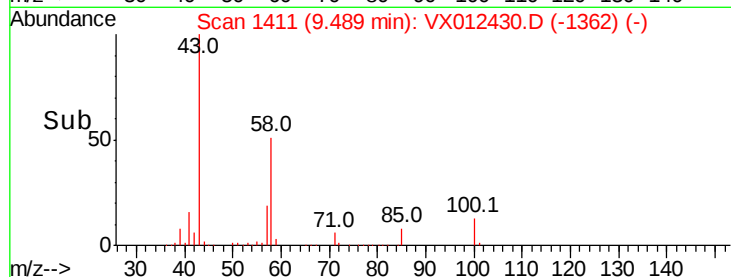
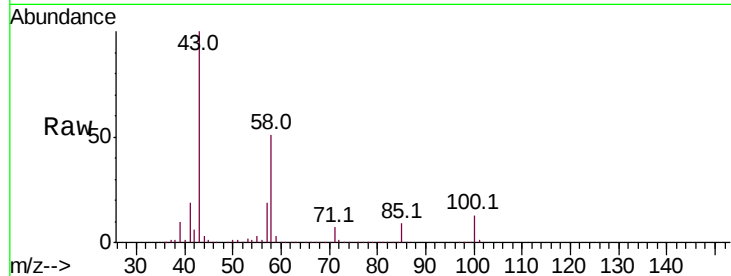




#59
2-Hexanone
Concen: 68.717 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX012430.D
Acq: 17 Sep 2019 12:46

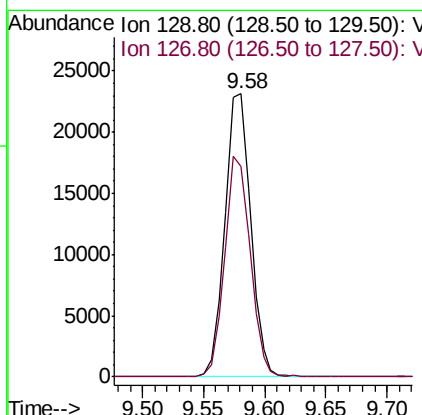
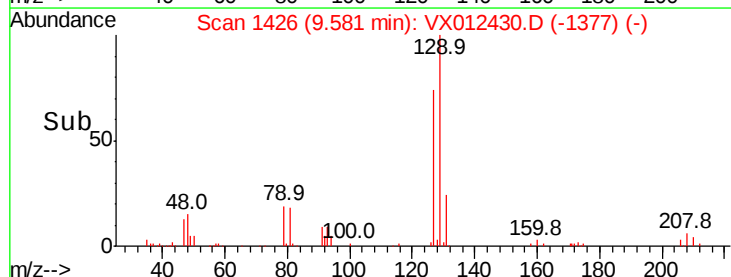
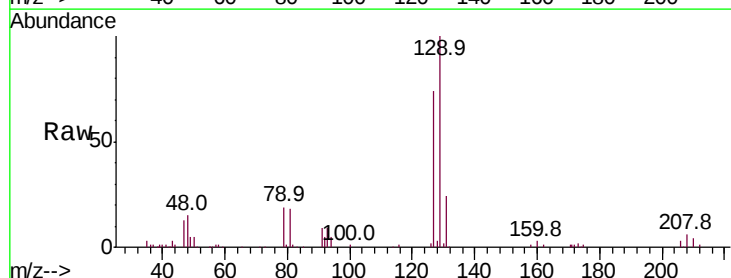
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

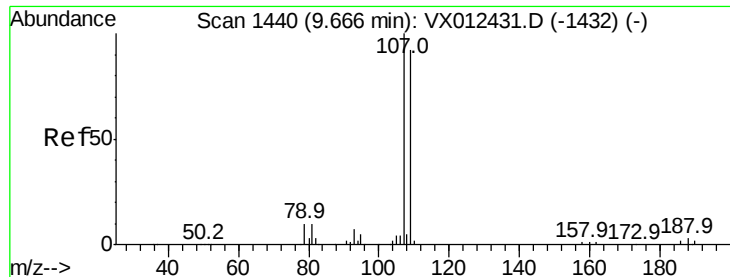
Tot Ion: 43 Resp: 220720
Ion Ratio Lower Upper
43 100
58 50.9 25.7 77.1



#60
Dibromochloromethane
Concen: 12.994 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX012430.D
Acq: 17 Sep 2019 12:46

Tgt Ion: 129 Resp: 33912
Ion Ratio Lower Upper
129 100
127 76.9 38.9 116.6





#61

1,2-Dibromoethane

Concen: 13.477 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012430.D

Acq: 17 Sep 2019 12:46

Instrument :

MSVOA_X

ClientSampleId :

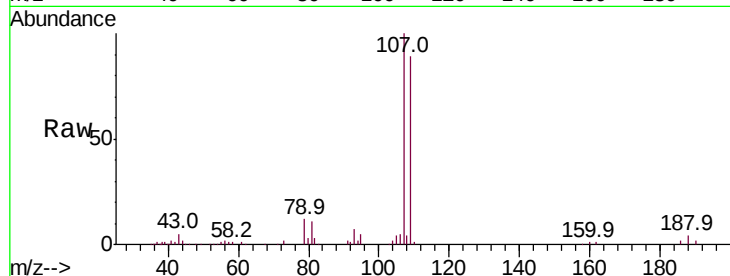
VSTDIC020

Tot Ion:107 Resp: 31581

Ion Ratio Lower Upper

107 100

109 90.6 74.7 112.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

25000

20000

15000

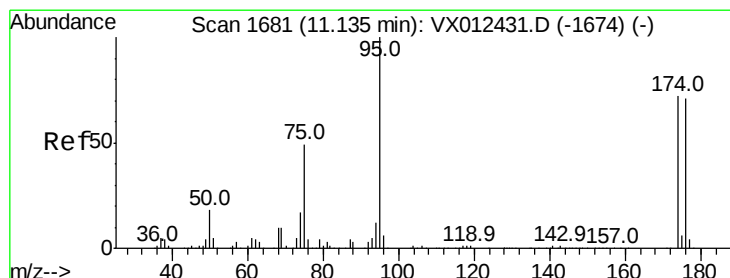
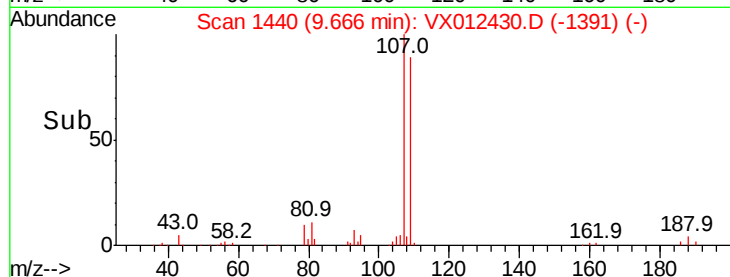
10000

5000

0

9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 13.814 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012430.D

Acq: 17 Sep 2019 12:46

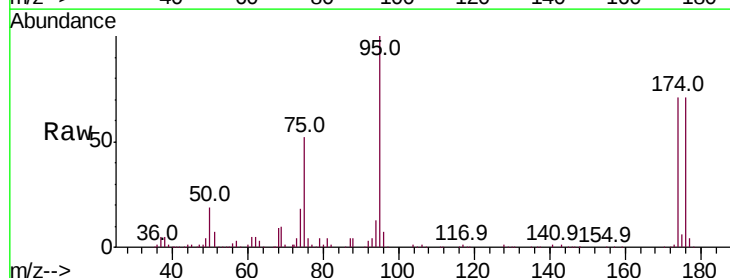
Tgt Ion: 95 Resp: 51146

Ion Ratio Lower Upper

95 100

174 69.7 0.0 140.0

176 65.7 0.0 135.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

50000

40000

30000

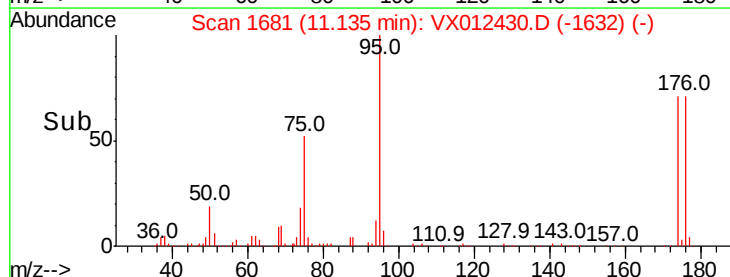
20000

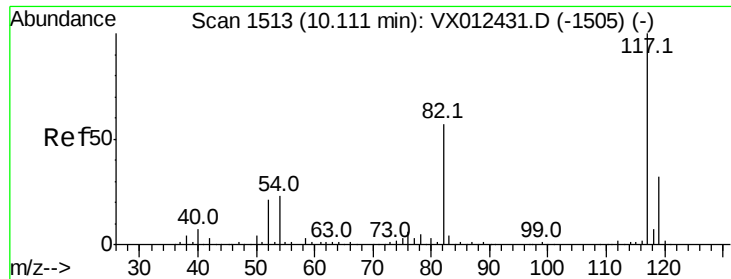
10000

0

11.05 11.10 11.15 11.20

Time-->

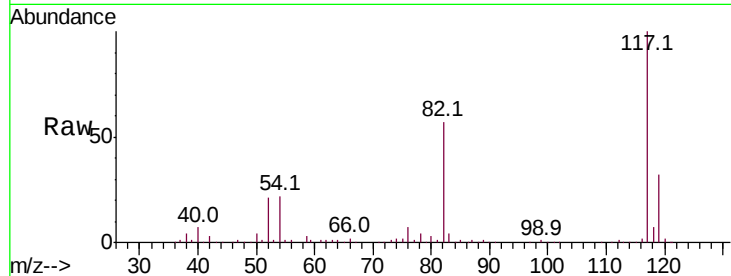




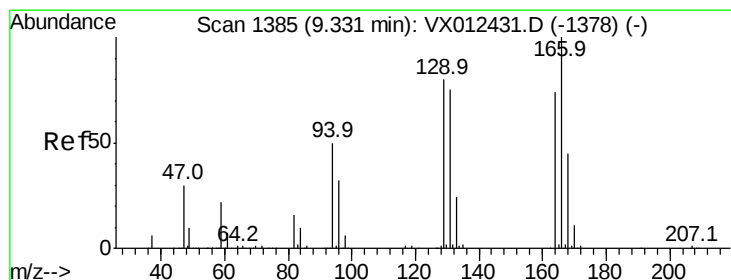
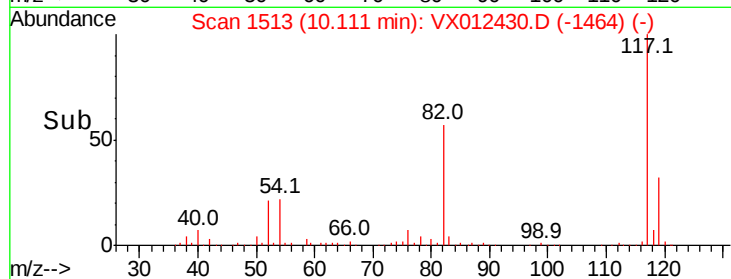
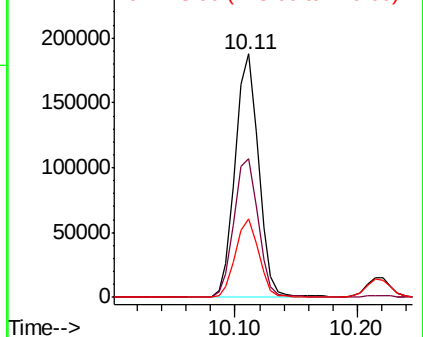
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012430.D
Acq: 17 Sep 2019 12:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion:117 Resp: 248804
Ion Ratio Lower Upper
117 100
82 56.9 45.9 68.9
119 32.1 25.3 37.9

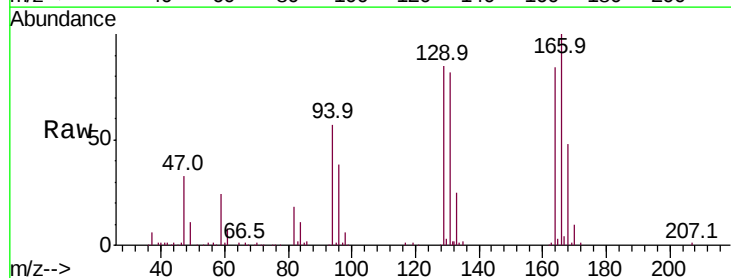


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

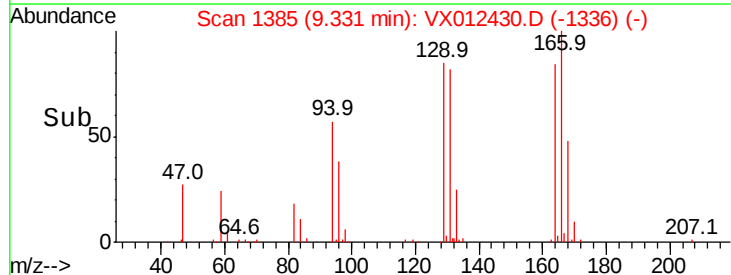
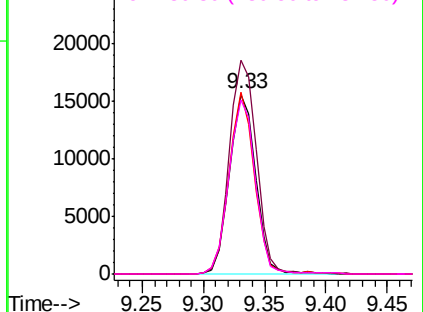


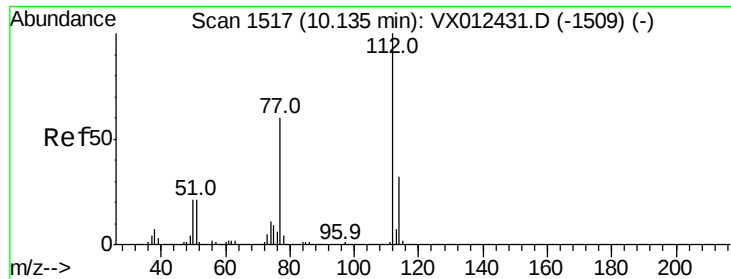
#64
Tetrachloroethene
Concen: 14.786 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012430.D
Acq: 17 Sep 2019 12:46

Tgt Ion:164 Resp: 23018
Ion Ratio Lower Upper
164 100
166 119.0 107.8 161.6
129 101.5 86.2 129.2
131 97.2 80.4 120.6



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 13.986 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX012430.D

Acq: 17 Sep 2019 12:46

Instrument :

MSVOA_X

ClientSampleId :

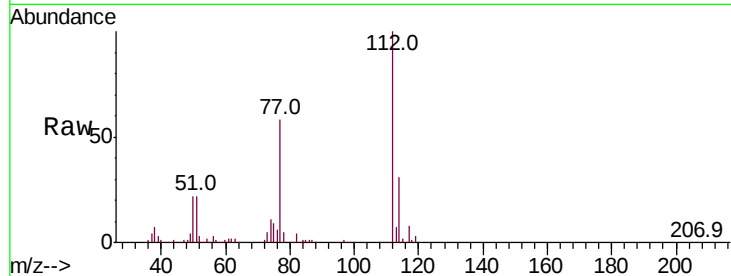
VSTDIC020

Tot Ion:112 Resp: 76591

Ion Ratio Lower Upper

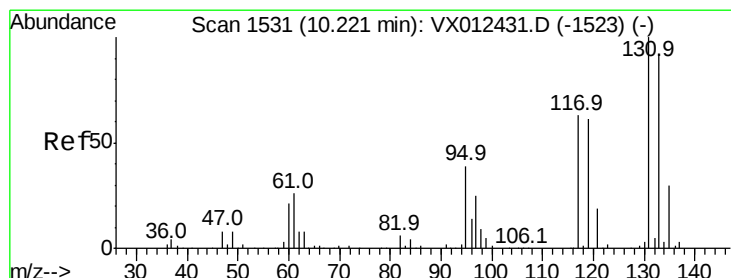
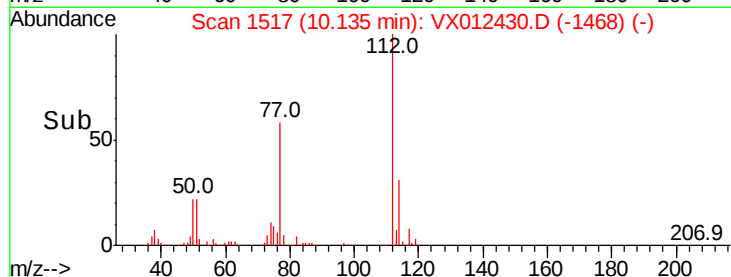
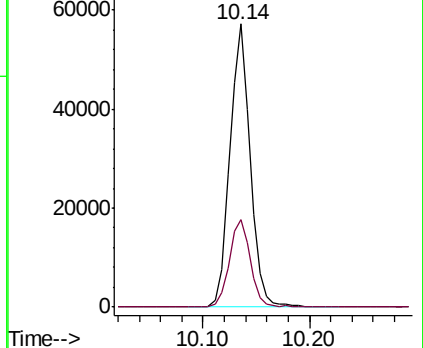
112 100

114 30.9 25.4 38.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 13.726 ug/l

RT: 10.22 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VX012430.D

Acq: 17 Sep 2019 12:46

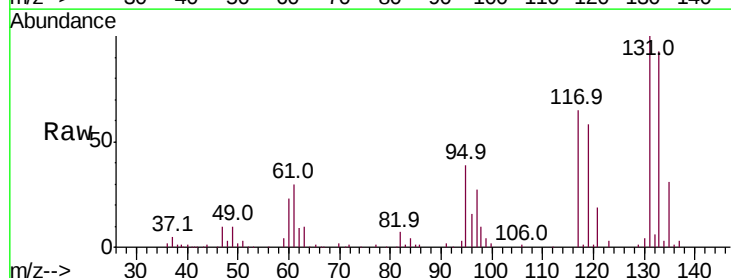
Tgt Ion:131 Resp: 31864

Ion Ratio Lower Upper

131 100

133 94.9 47.6 142.9

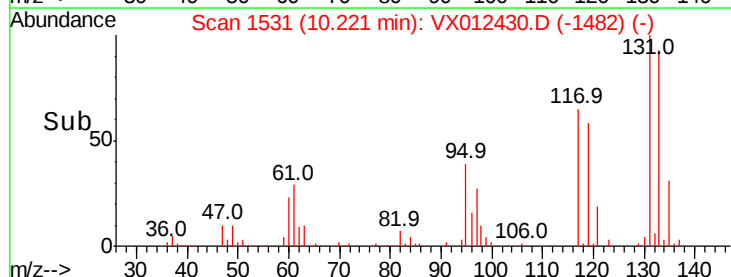
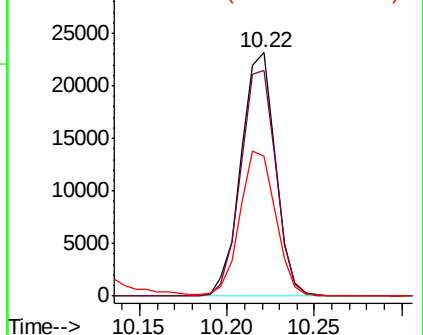
119 62.2 31.3 93.8

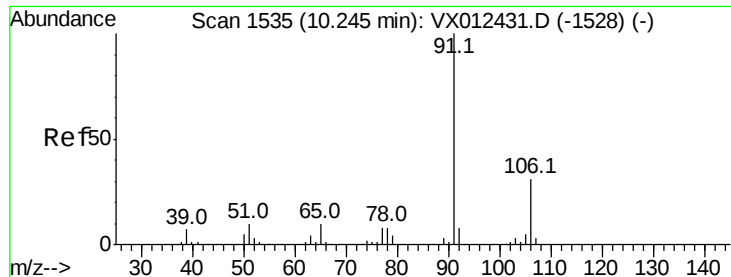


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 14.221 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX012430.D

Acq: 17 Sep 2019 12:46

Instrument :

MSVOA_X

ClientSampleId :

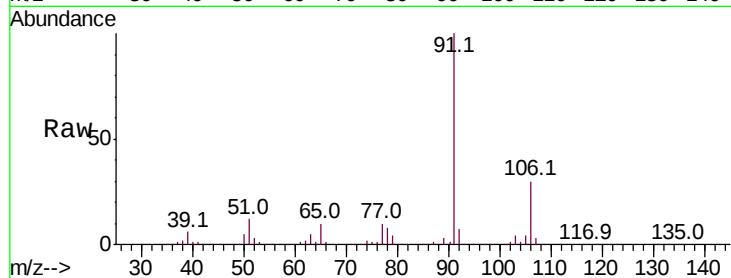
VSTDIC020

Tot Ion: 91 Resp: 133296

Ion Ratio Lower Upper

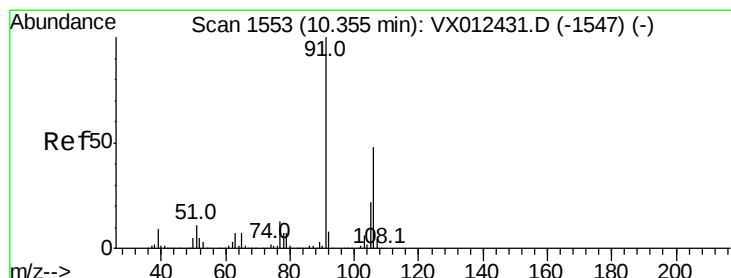
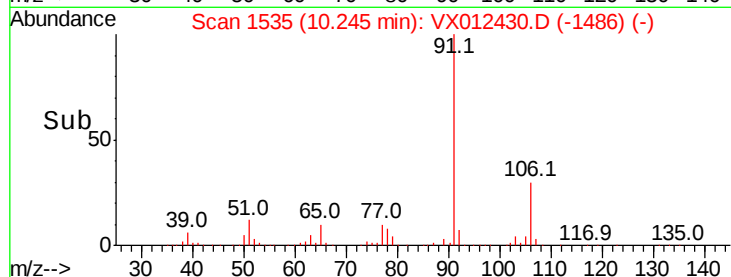
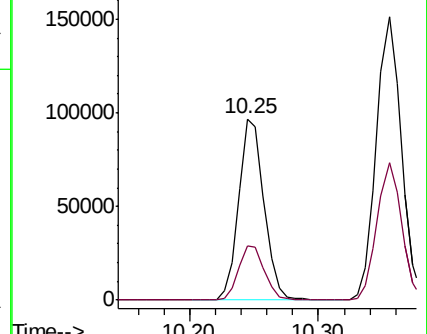
91 100

106 30.0 24.6 37.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 28.352 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX012430.D

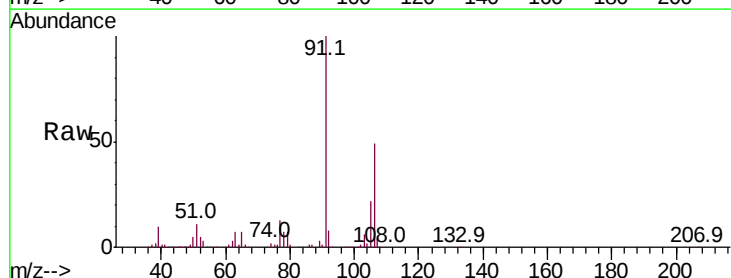
Acq: 17 Sep 2019 12:46

Tgt Ion:106 Resp: 97908

Ion Ratio Lower Upper

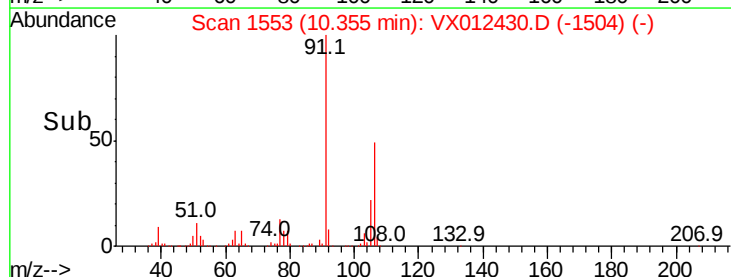
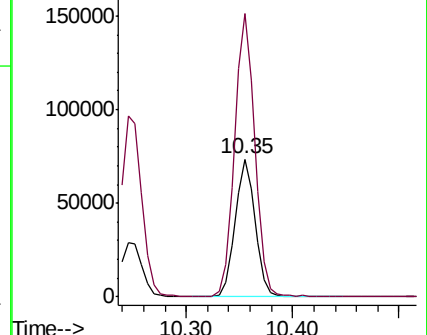
106 100

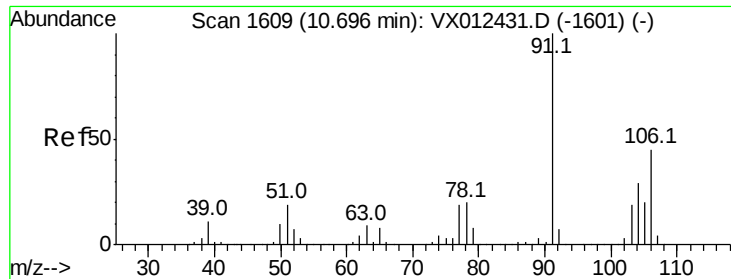
91 206.1 166.6 250.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

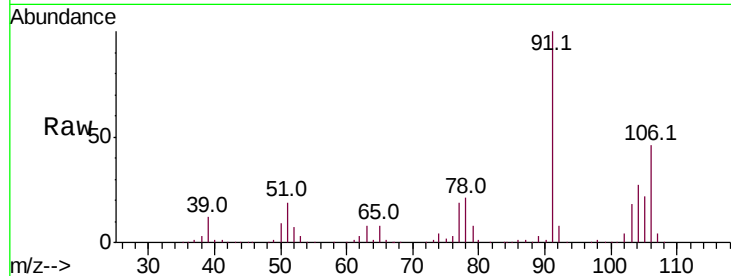




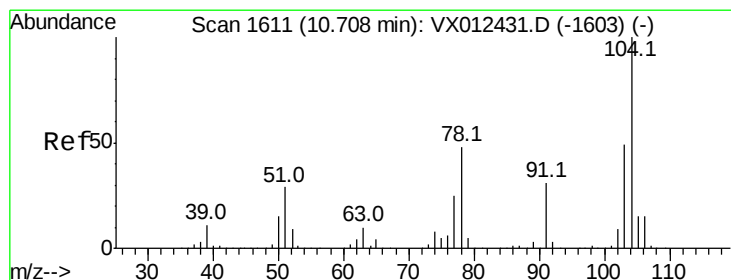
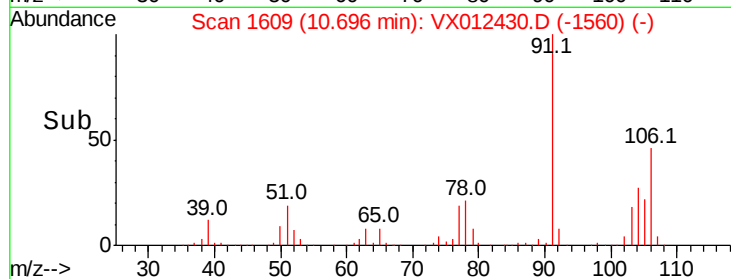
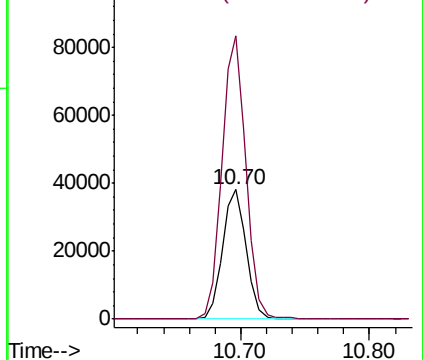
#69
o-Xylene
Concen: 13.859 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012430.D
Acq: 17 Sep 2019 12:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion:106 Resp: 49658
Ion Ratio Lower Upper
106 100
91 219.5 109.4 328.2

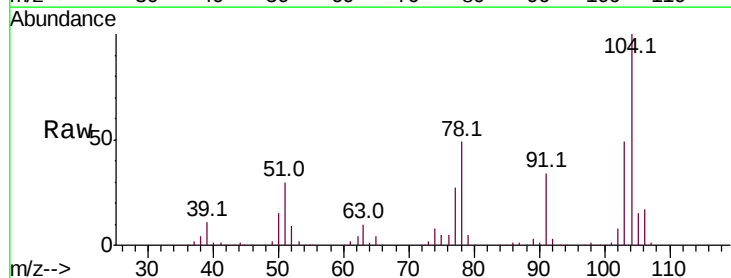


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

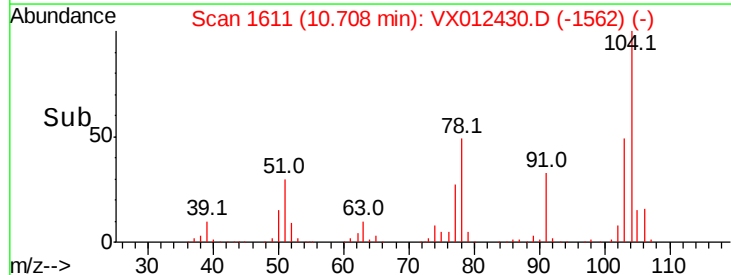
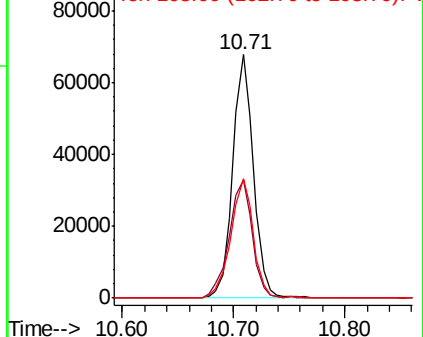


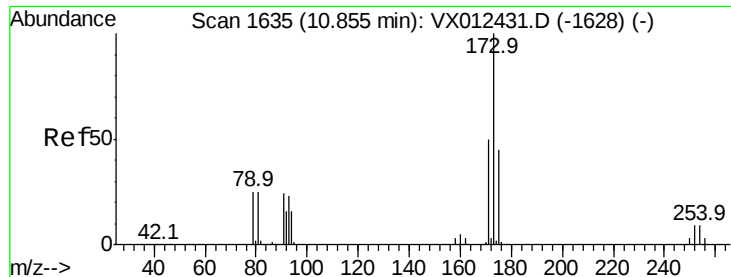
#70
Styrene
Concen: 14.021 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012430.D
Acq: 17 Sep 2019 12:46

Tgt Ion:104 Resp: 87067
Ion Ratio Lower Upper
104 100
78 54.5 43.4 65.2
103 53.7 43.3 64.9



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 12.553 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012430.D

Acq: 17 Sep 2019 12:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

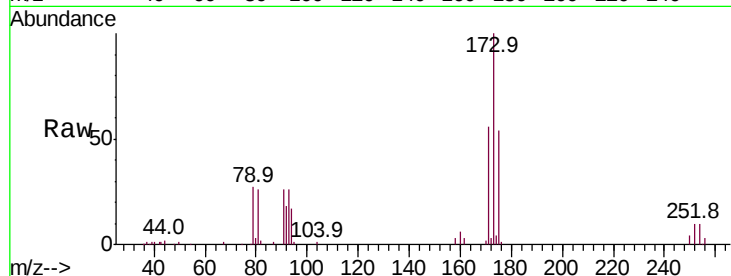
Tot Ion:173 Resp: 22356

Ion Ratio Lower Upper

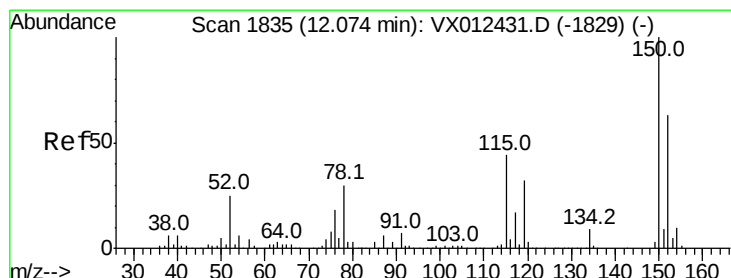
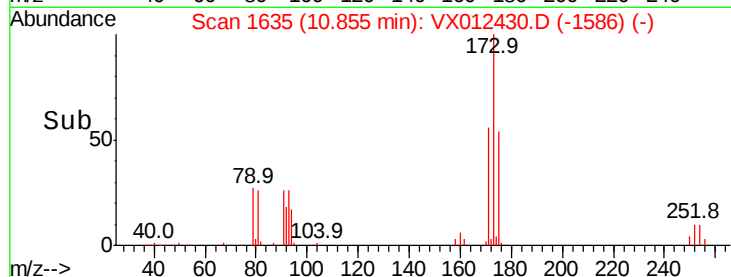
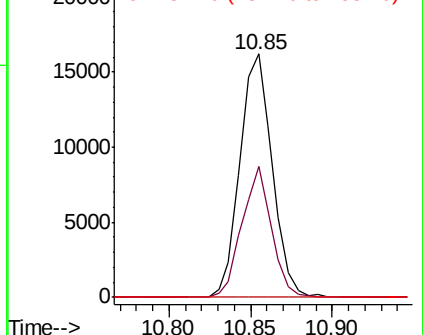
173 100

175 49.0 23.7 71.1

254 0.1 0.1 0.1



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# 1835

Delta R.T. 0.00 min

Lab File: VX012430.D

Acq: 17 Sep 2019 12:46

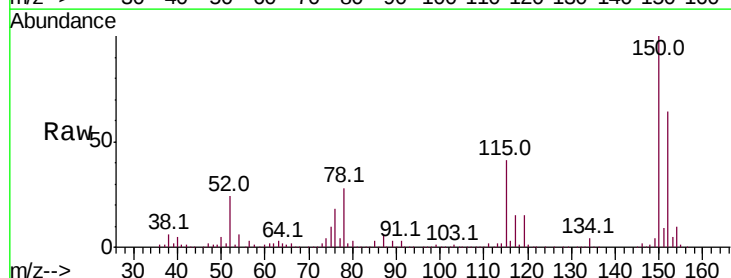
Tgt Ion:152 Resp: 119005

Ion Ratio Lower Upper

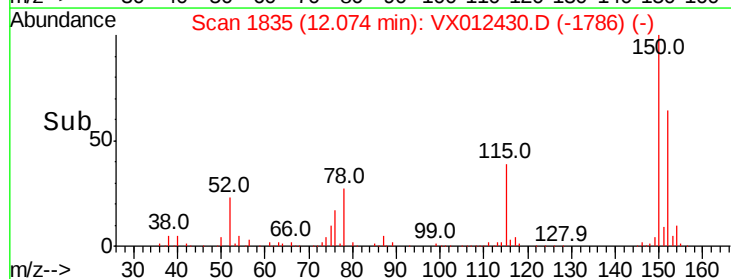
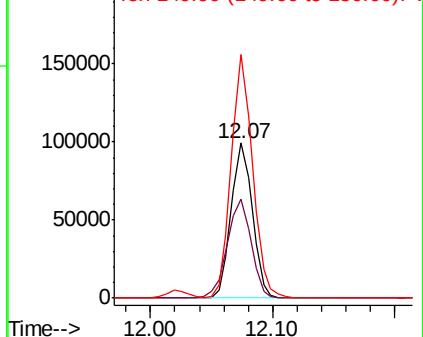
152 100

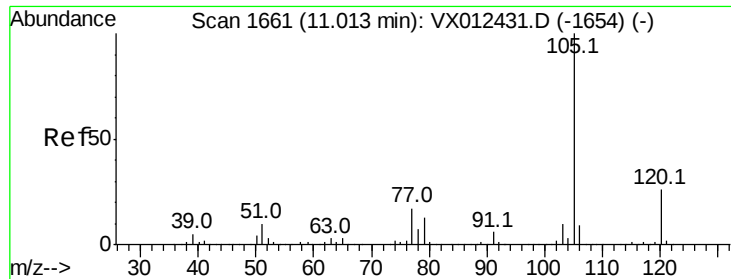
115 71.7 44.1 132.3

150 158.0 0.0 343.8



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





#73

Isopropylbenzene

Concen: 17.644 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012430.D

Acq: 17 Sep 2019 12:46

Instrument :

MSVOA_X

ClientSampled :

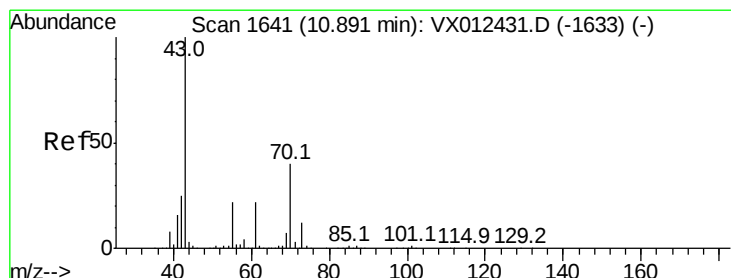
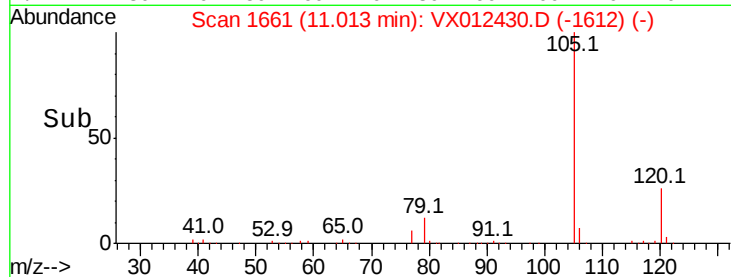
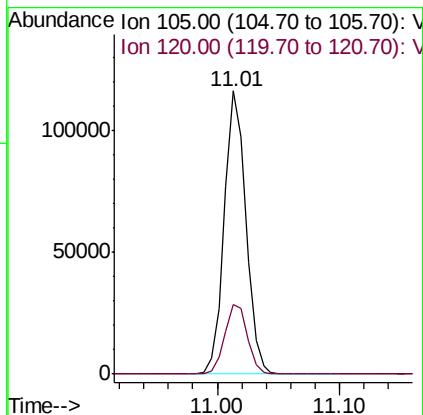
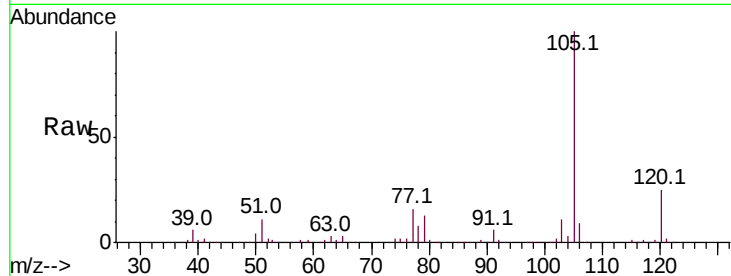
VSTDIC020

Tot Ion:105 Resp: 142719

Ion Ratio Lower Upper

105 100

120 25.6 12.9 38.7



#74

N-ethyl acetate

Concen: 17.359 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012430.D

Acq: 17 Sep 2019 12:46

Tgt Ion: 43 Resp: 74805

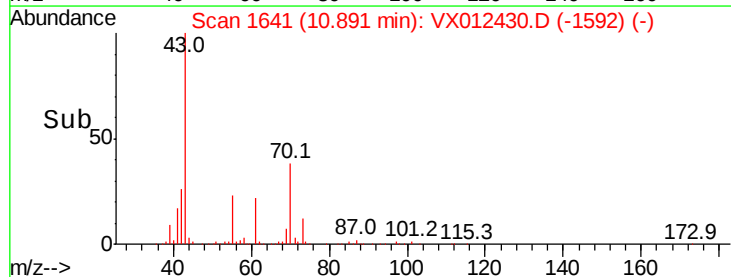
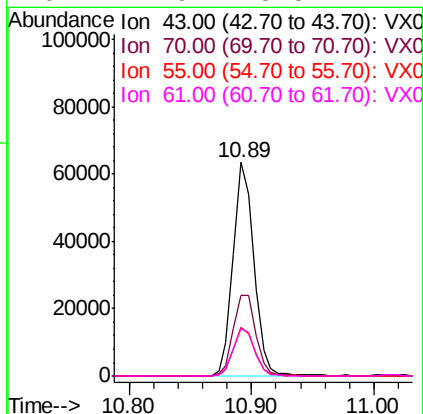
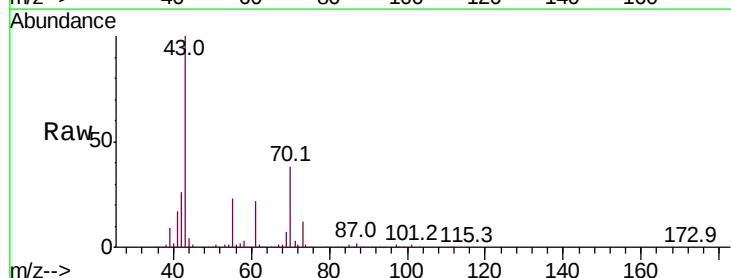
Ion Ratio Lower Upper

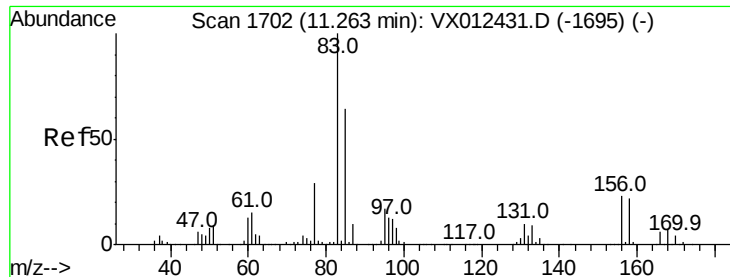
43 100

70 41.2 32.4 48.6

55 23.4 18.2 27.4

61 22.9 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 16.714 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012430.D

Acq: 17 Sep 2019 12:46

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

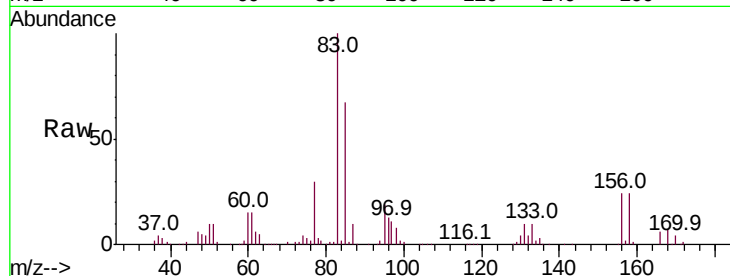
Tot Ion: 83 Resp: 54165

Ion Ratio Lower Upper

83 100

131 10.6 5.2 15.6

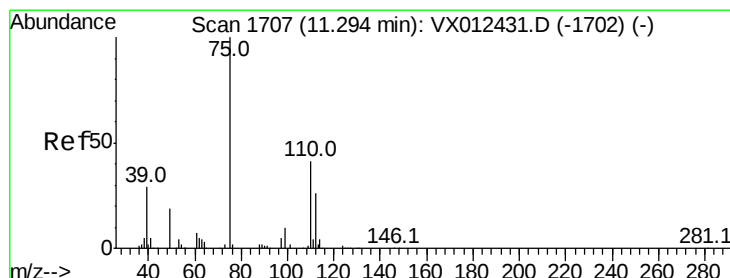
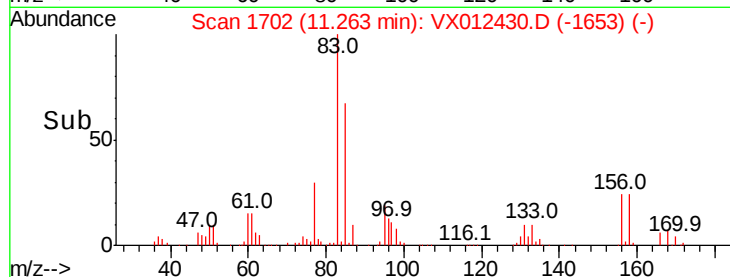
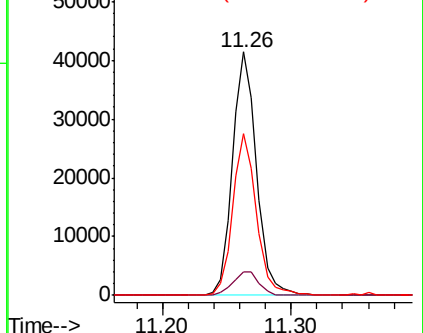
85 65.2 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 20.533 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX012430.D

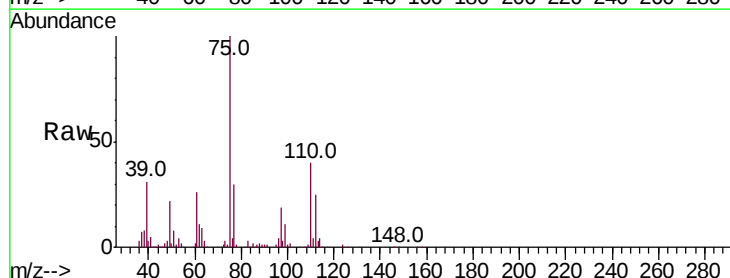
Acq: 17 Sep 2019 12:46

Tgt Ion: 75 Resp: 61786

Ion Ratio Lower Upper

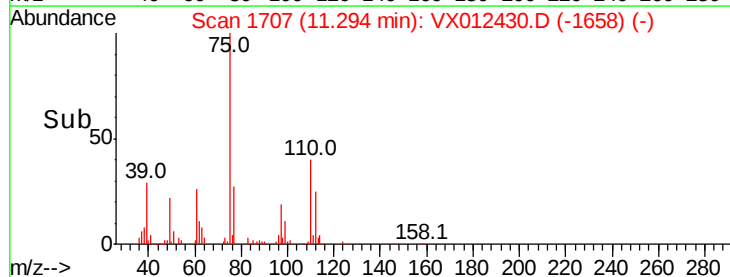
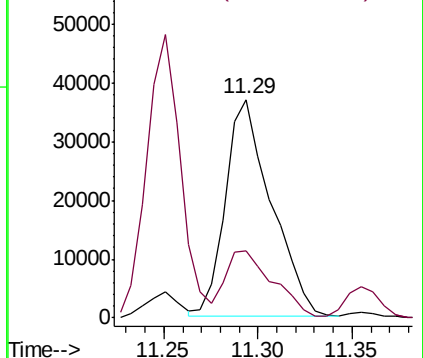
75 100

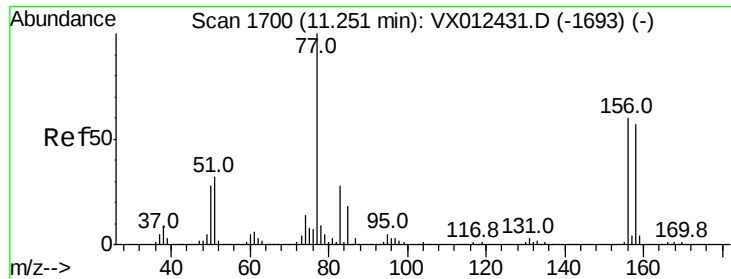
77 32.3 19.7 59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 16.376 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012430.D

Acq: 17 Sep 2019 12:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

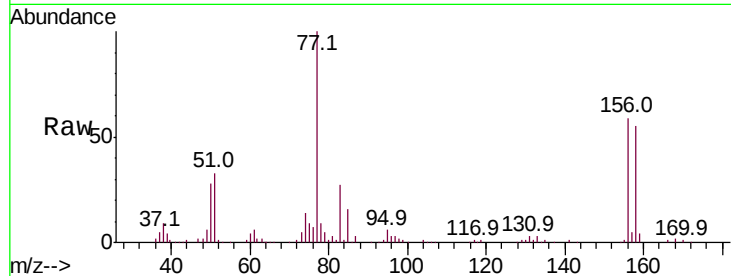
Tot Ion:156 Resp: 33868

Ion Ratio Lower Upper

156 100

77 179.8 87.3 261.8

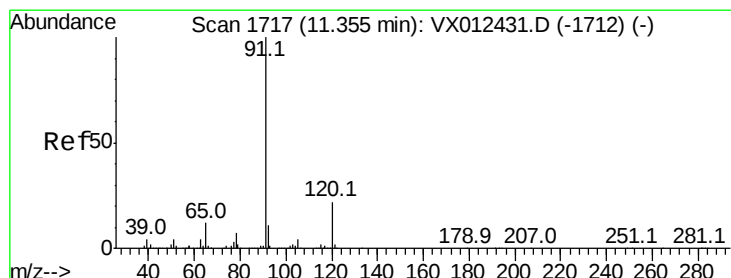
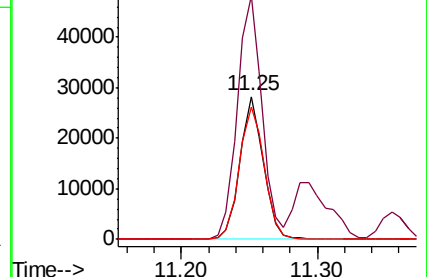
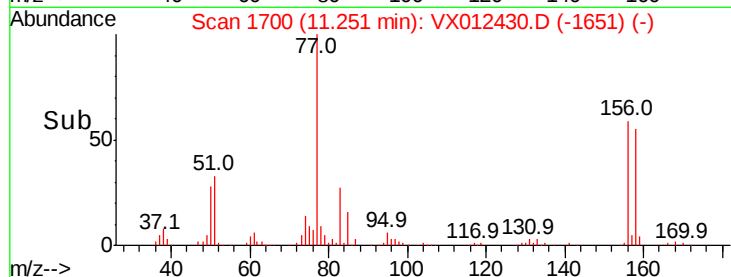
158 98.6 48.5 145.6



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: 17.491 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012430.D

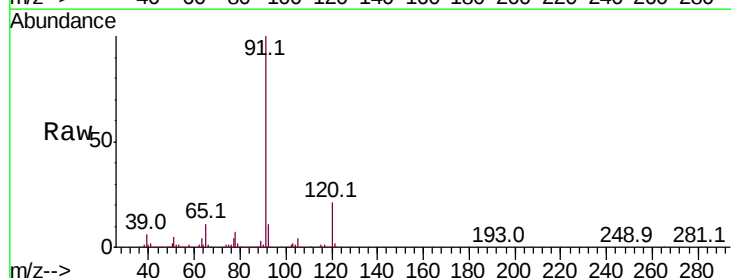
Acq: 17 Sep 2019 12:46

Tgt Ion: 91 Resp: 159768

Ion Ratio Lower Upper

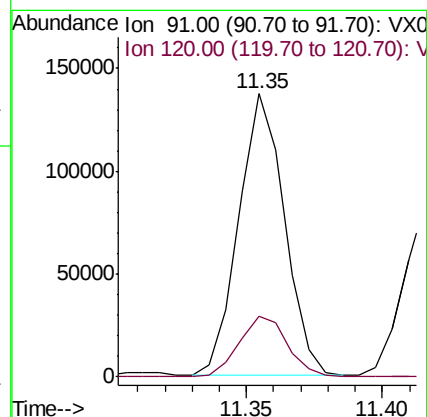
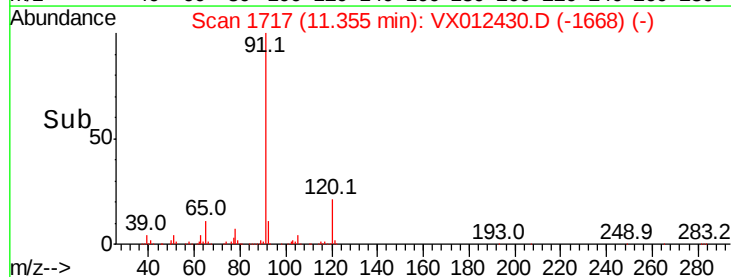
91 100

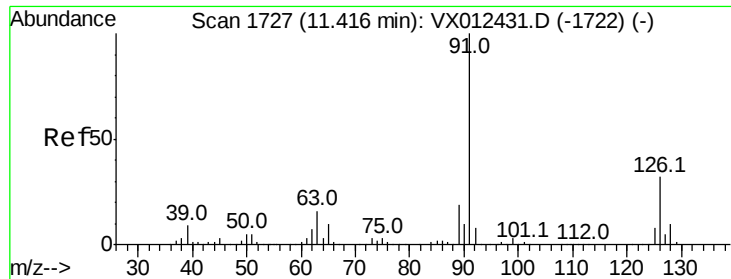
120 22.6 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

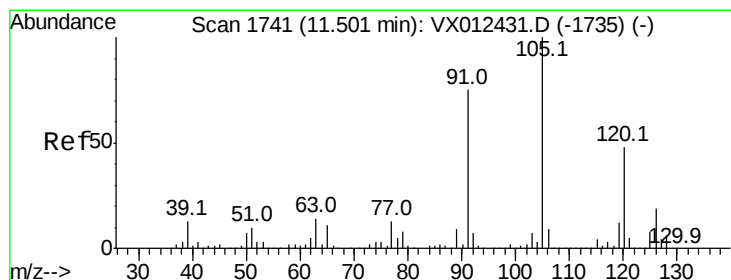
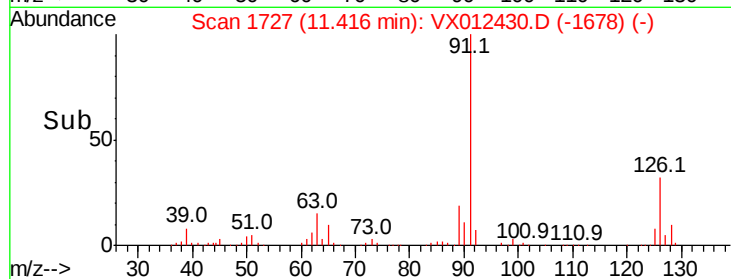
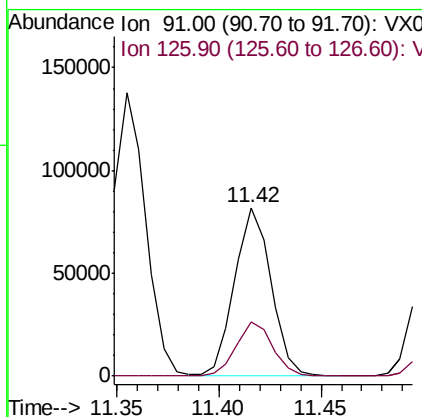
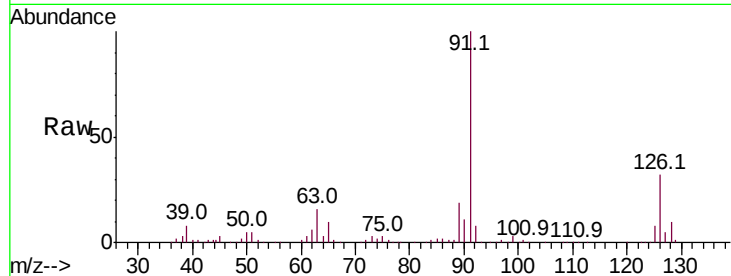




#79
 2-Chlorotoluene
 Concen: 17.293 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX012430.D
 Acq: 17 Sep 2019 12:46

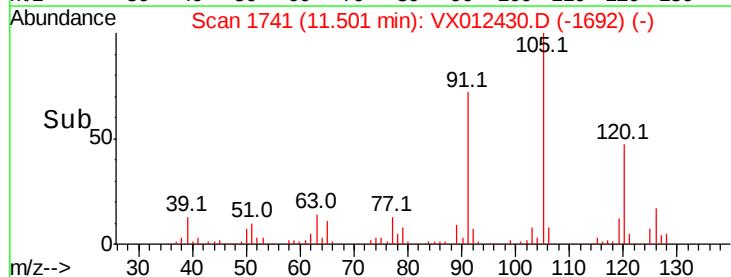
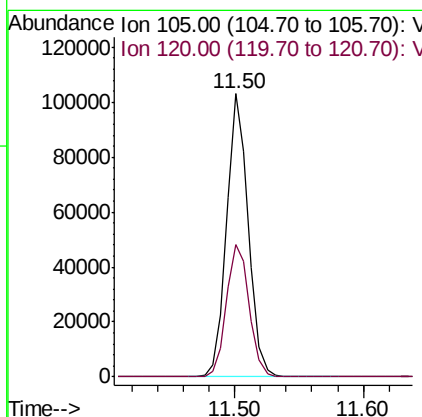
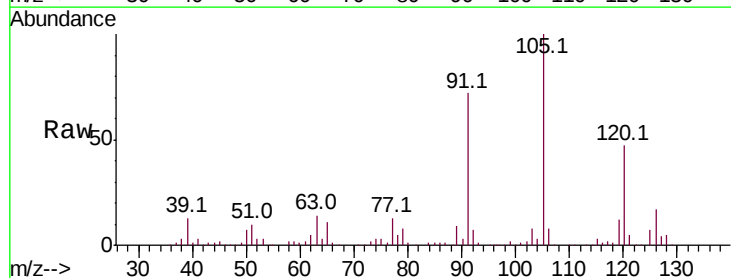
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

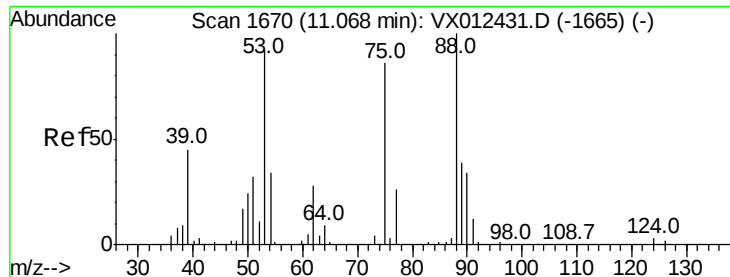
Tot Ion: 91 Resp: 101229
 Ion Ratio Lower Upper
 91 100
 126 32.1 16.4 49.4



#80
 1,3,5-Trimethylbenzene
 Concen: 17.344 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012430.D
 Acq: 17 Sep 2019 12:46

Tgt Ion: 105 Resp: 121812
 Ion Ratio Lower Upper
 105 100
 120 49.4 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 14.684 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX012430.D

Acq: 17 Sep 2019 12:46

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

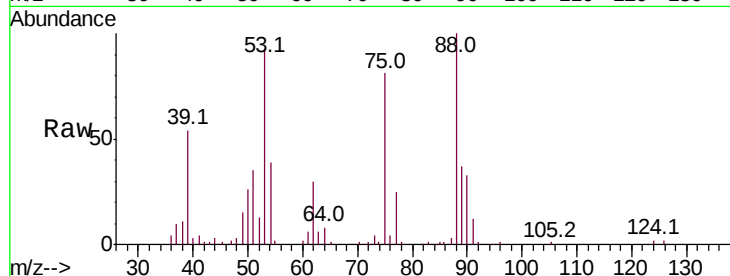
Tot Ion: 75 Resp: 15641

Ion Ratio Lower Upper

75 100

53 115.0 83.6 125.4

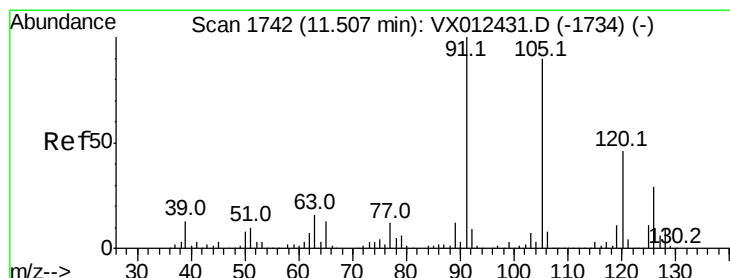
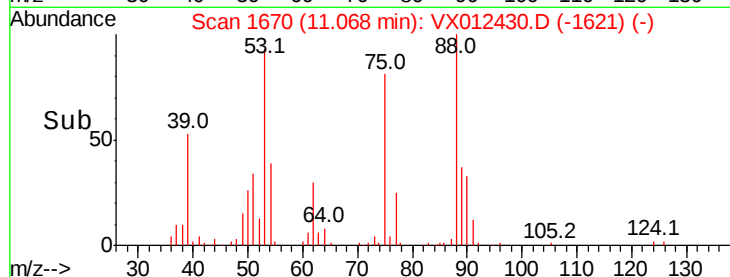
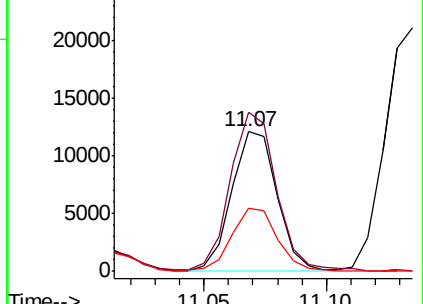
89 46.1 36.3 54.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 17.164 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX012430.D

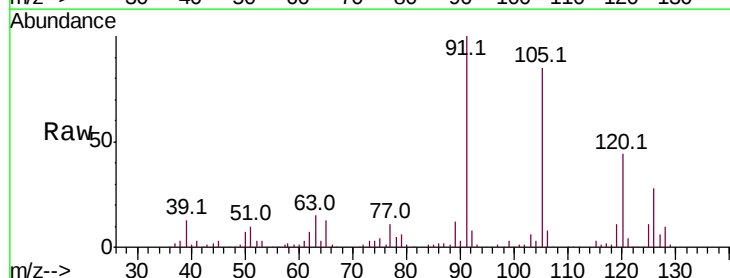
Acq: 17 Sep 2019 12:46

Tgt Ion: 91 Resp: 116991

Ion Ratio Lower Upper

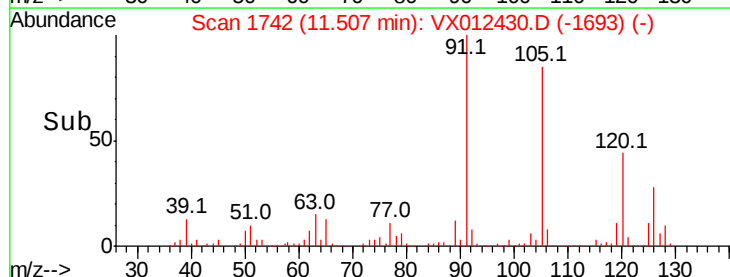
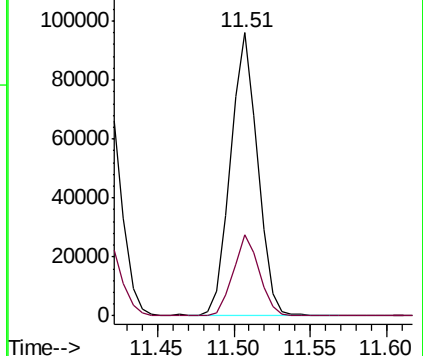
91 100

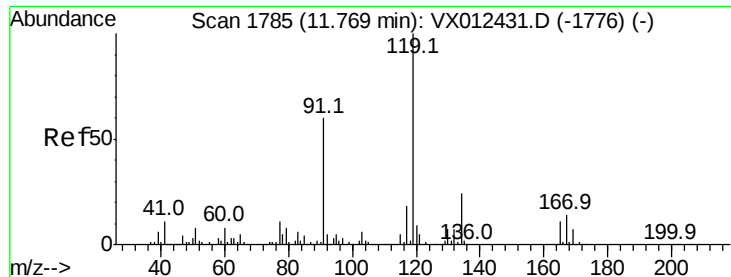
126 27.7 14.4 43.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 17.111 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VX012430.D

Acq: 17 Sep 2019 12:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

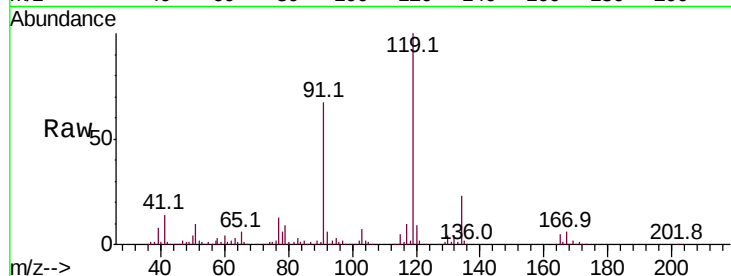
Tot Ion:119 Resp: 127475

Ion Ratio Lower Upper

119 100

91 61.5 30.0 90.0

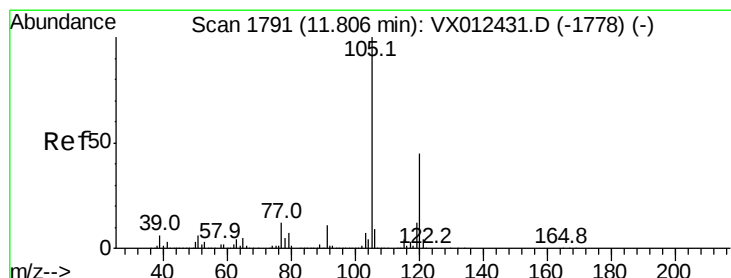
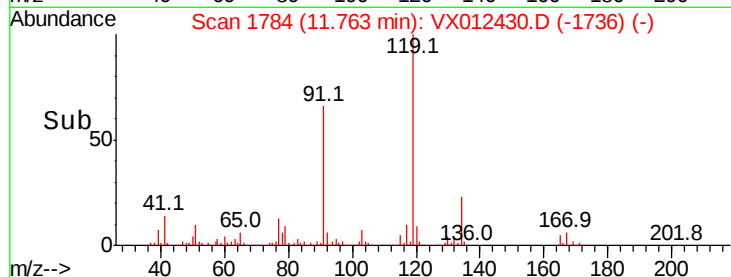
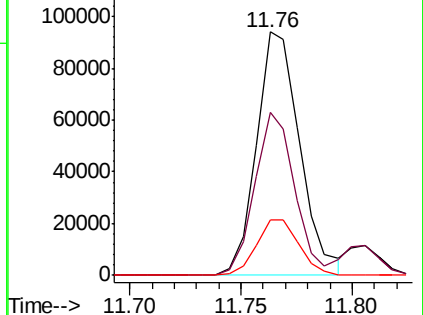
134 22.4 11.3 33.9



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: 17.462 ug/l

RT: 11.81 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX012430.D

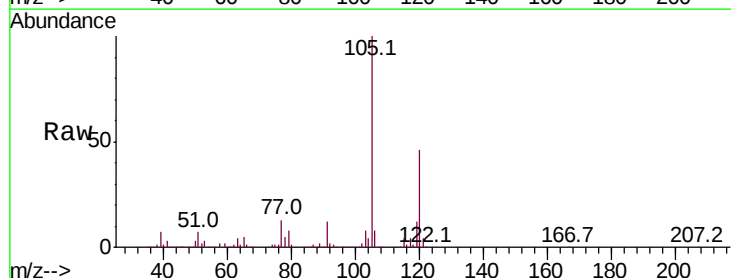
Acq: 17 Sep 2019 12:46

Tgt Ion:105 Resp: 124421

Ion Ratio Lower Upper

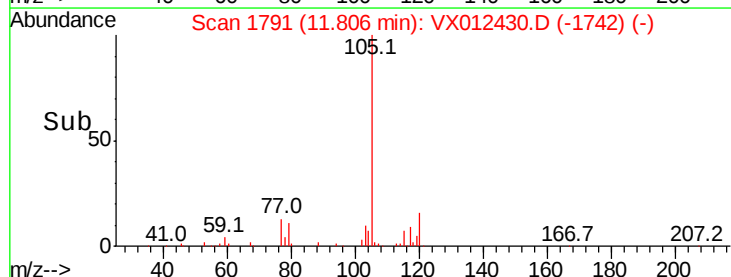
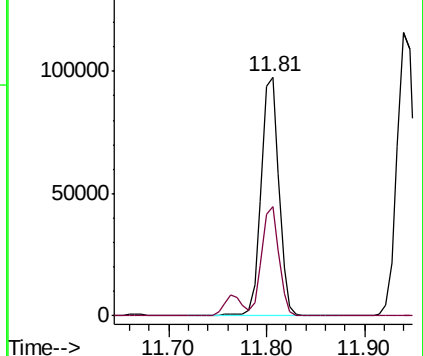
105 100

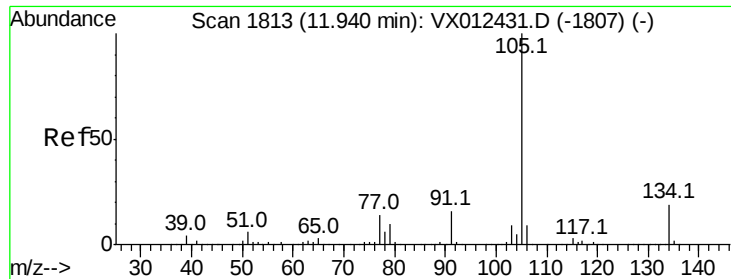
120 44.3 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 17.402 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX012430.D

Acq: 17 Sep 2019 12:46

Instrument :

MSVOA_X

ClientSampleId :

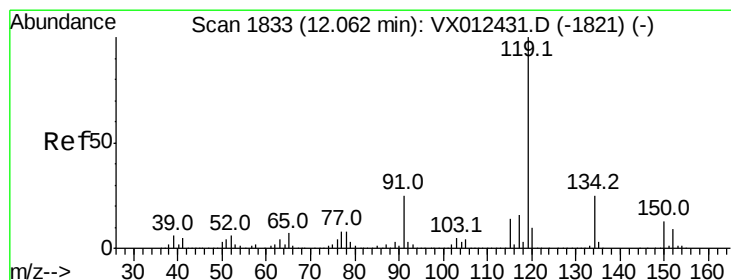
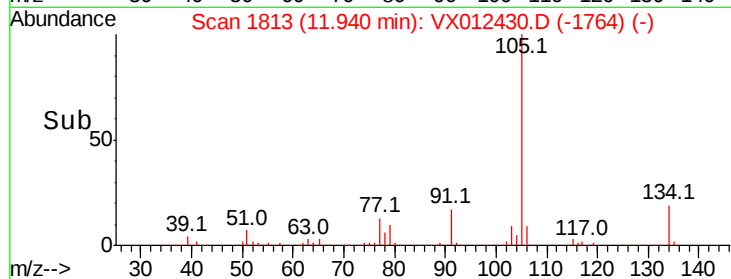
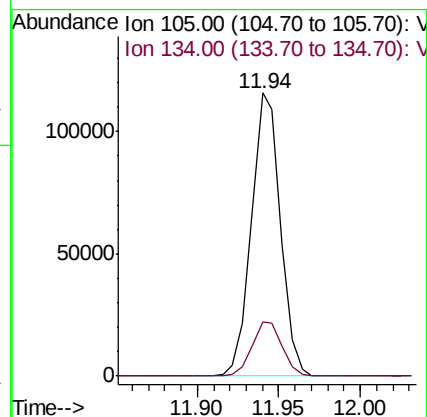
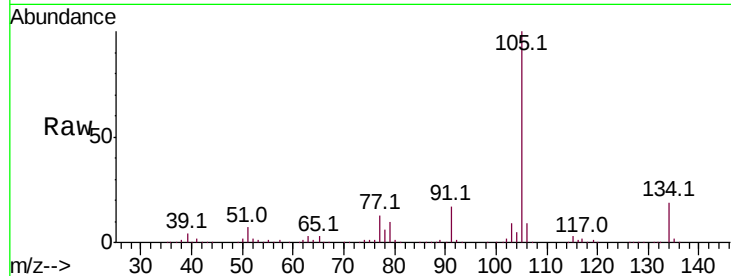
VSTDIC020

Tot Ion:105 Resp: 143544

Ion Ratio Lower Upper

105 100

134 20.0 9.8 29.4



#86

p-Isopropyltoluene

Concen: 17.393 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX012430.D

Acq: 17 Sep 2019 12:46

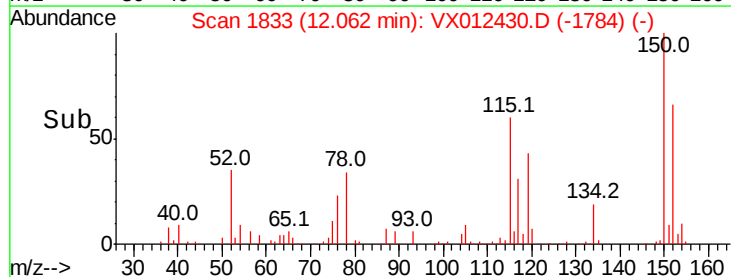
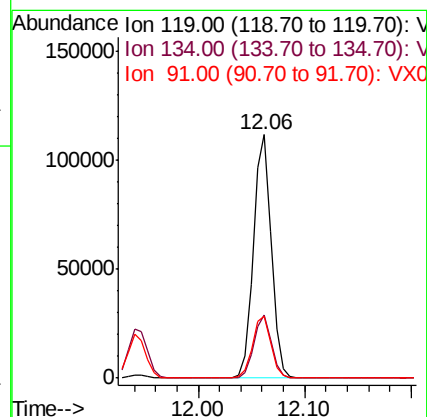
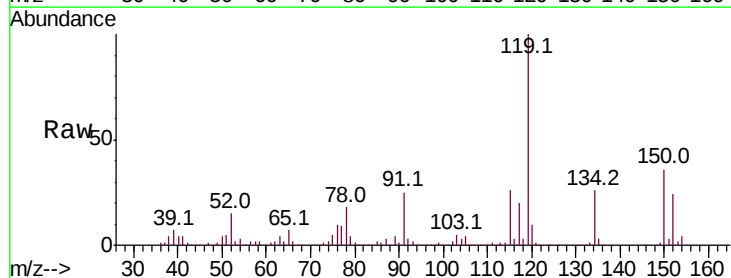
Tgt Ion:119 Resp: 131233

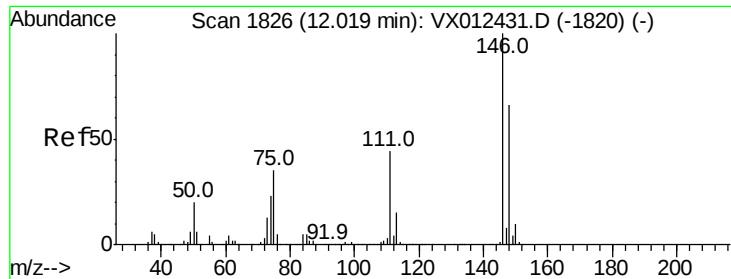
Ion Ratio Lower Upper

119 100

134 25.6 12.7 38.1

91 26.4 12.8 38.4





#87

1,3-Dichlorobenzene

Concen: 16.148 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

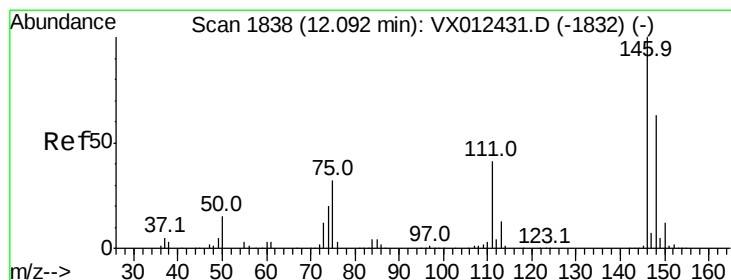
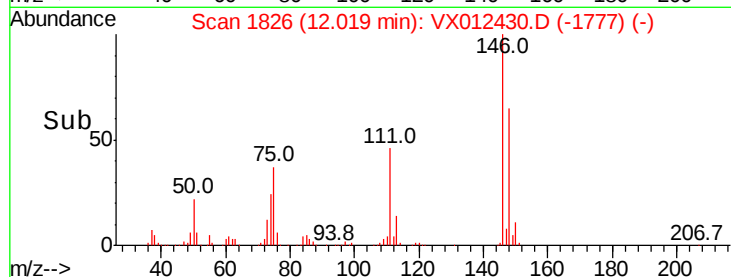
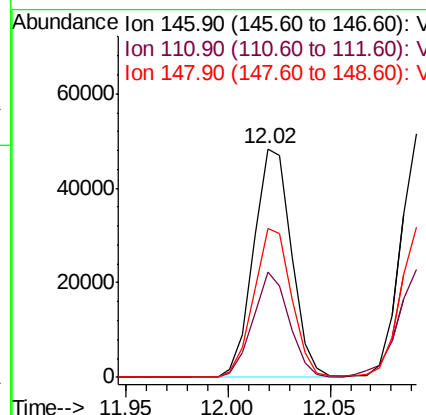
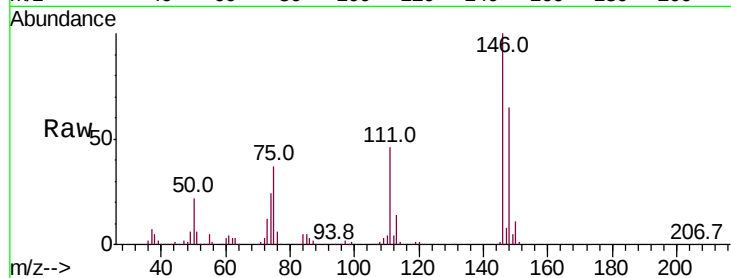
Lab File: VX012430.D

Acq: 17 Sep 2019 12:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion:146 Resp: 62726

Ion	Ratio	Lower	Upper
146	100		
111	43.9	21.3	64.0
148	65.1	32.4	97.2



#88

1,4-Dichlorobenzene

Concen: 16.270 ug/l

RT: 12.09 min Scan# 1838

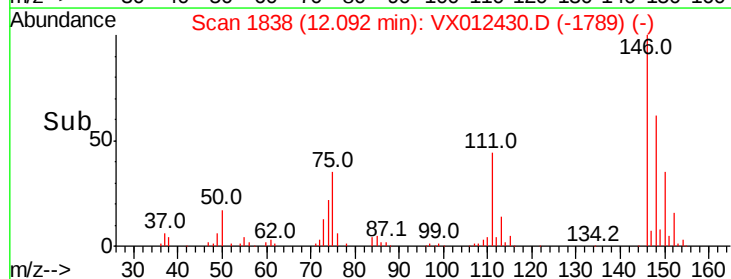
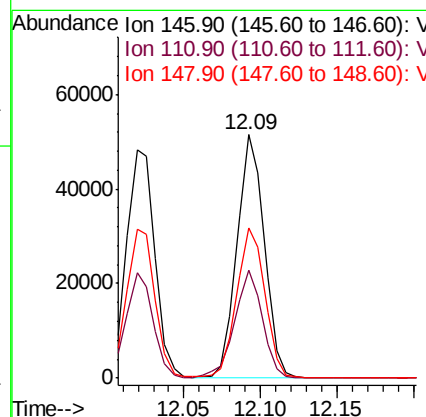
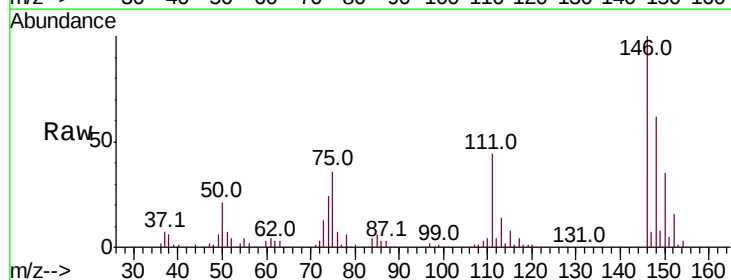
Delta R.T. 0.00 min

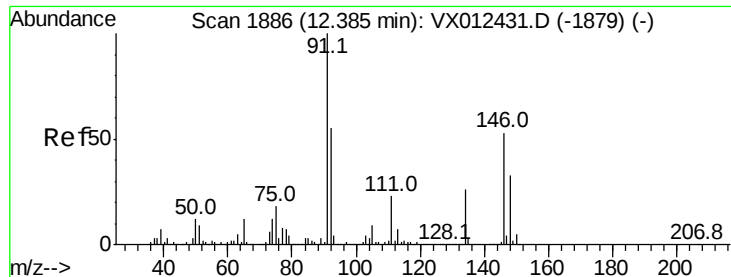
Lab File: VX012430.D

Acq: 17 Sep 2019 12:46

Tgt Ion:146 Resp: 63811

Ion	Ratio	Lower	Upper
146	100		
111	45.3	21.1	63.3
148	64.1	32.1	96.5





#89

n-Butylbenzene

Concen: 17.261 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX012430.D

Acq: 17 Sep 2019 12:46

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

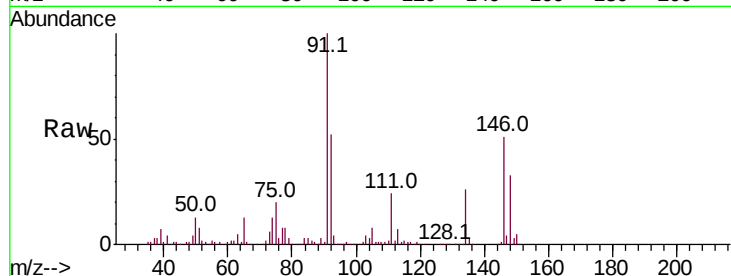
Tot Ion: 91 Resp: 115022

Ion Ratio Lower Upper

91 100

92 54.1 27.7 83.0

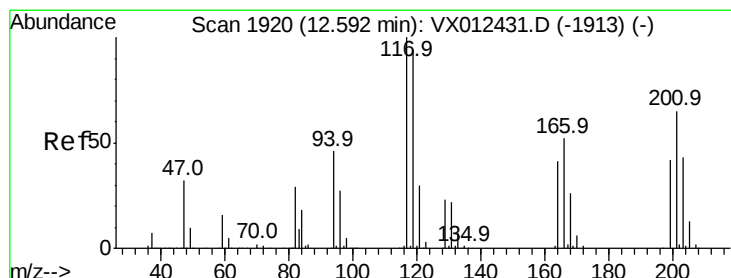
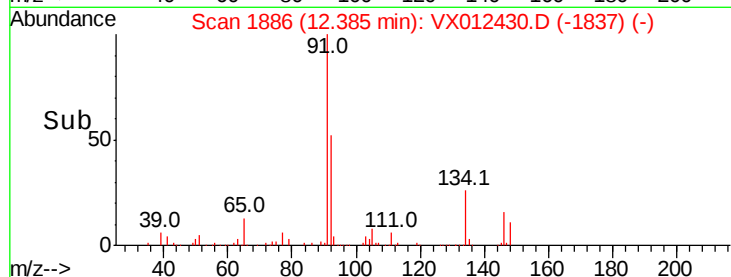
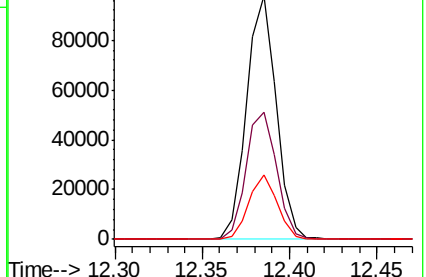
134 25.5 12.9 38.6



Abundance Ion 91.00 (90.70 to 91.70): VX012431.D (-1879) (-)

Ion 92.00 (91.70 to 92.70): VX012431.D (-1879) (-)

Ion 134.00 (133.70 to 134.70): VX012431.D (-1879) (-)



#90

Hexachloroethane

Concen: 15.753 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX012430.D

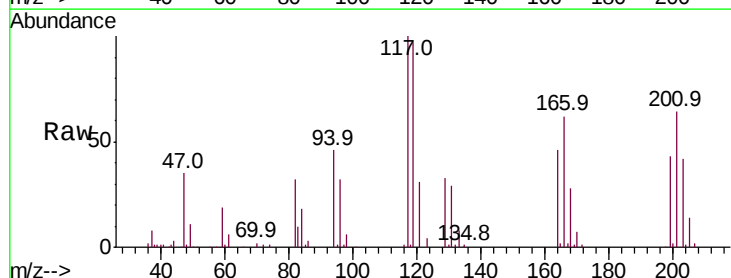
Acq: 17 Sep 2019 12:46

Tgt Ion: 117 Resp: 22938

Ion Ratio Lower Upper

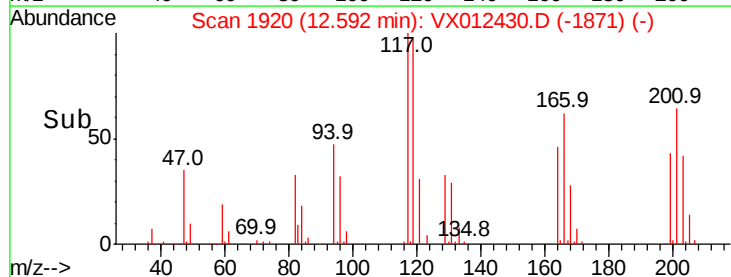
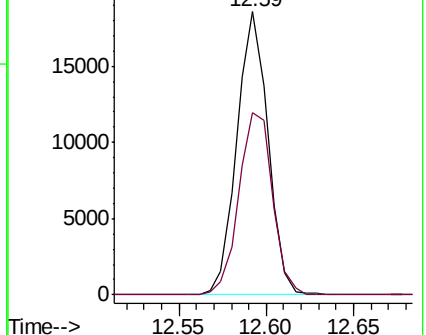
117 100

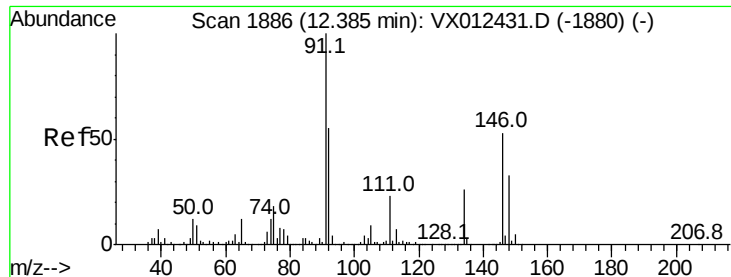
201 69.8 33.3 99.8



Abundance Ion 116.80 (116.50 to 117.50): VX012431.D (-1913) (-)

Ion 200.70 (200.40 to 201.40): VX012431.D (-1913) (-)





#91

1,2-Dichlorobenzene

Concen: 16.658 ug/l

RT: 12.39 min Scan# 1887

Delta R.T. 0.01 min

Lab File: VX012430.D

Acq: 17 Sep 2019 12:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

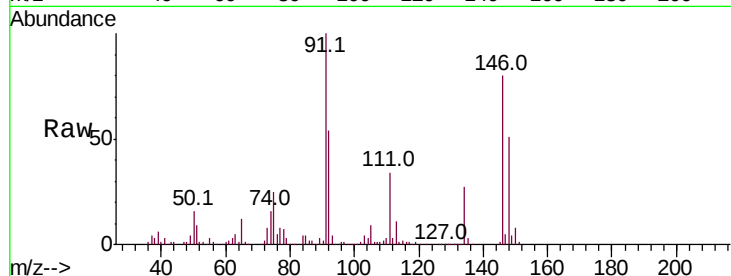
Tot Ion:146 Resp: 66317

Ion Ratio Lower Upper

146 100

111 44.5 22.1 66.1

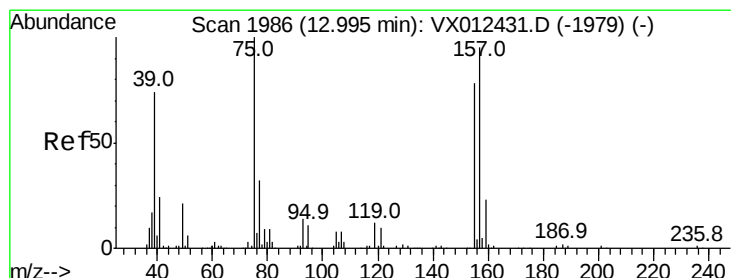
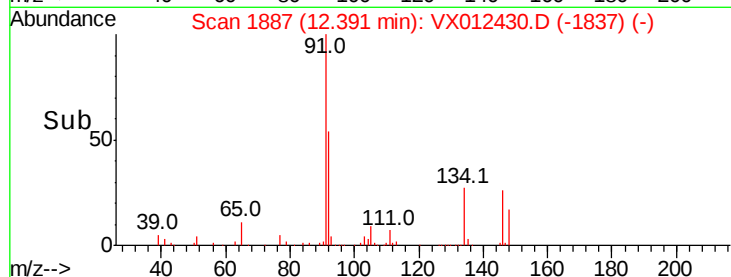
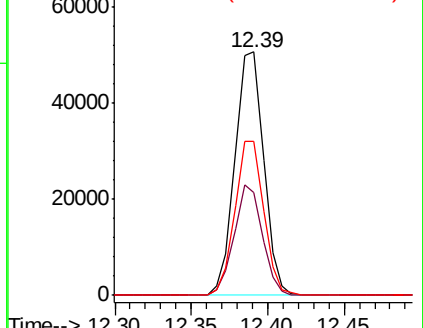
148 63.5 31.3 93.9



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: 16.174 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX012430.D

Acq: 17 Sep 2019 12:46

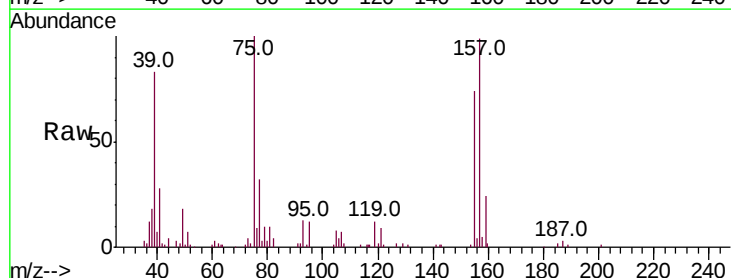
Tgt Ion: 75 Resp: 13872

Ion Ratio Lower Upper

75 100

155 74.2 38.6 115.8

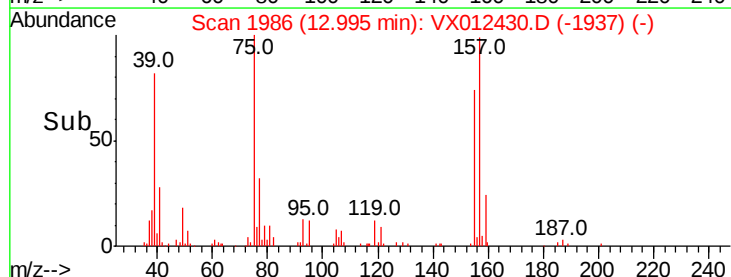
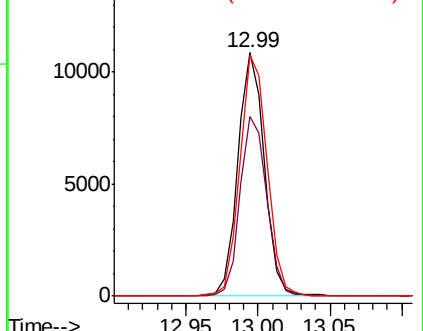
157 101.2 50.6 151.9

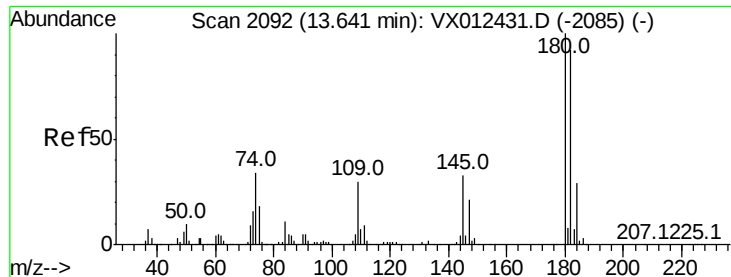


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

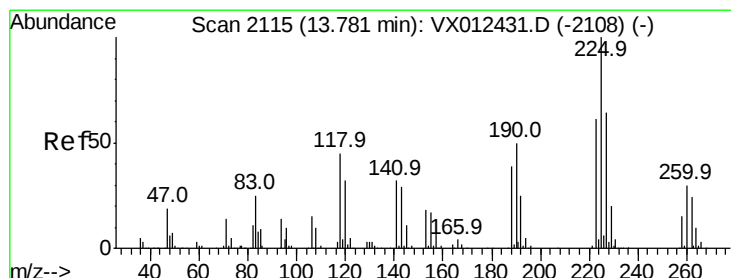
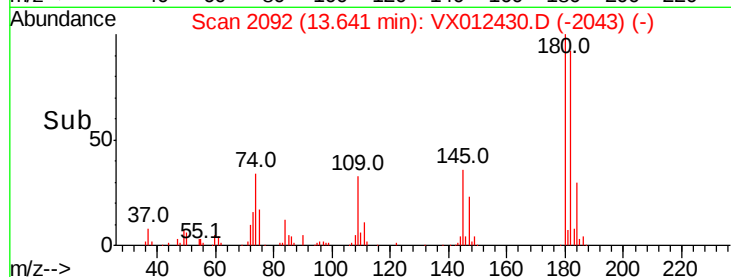
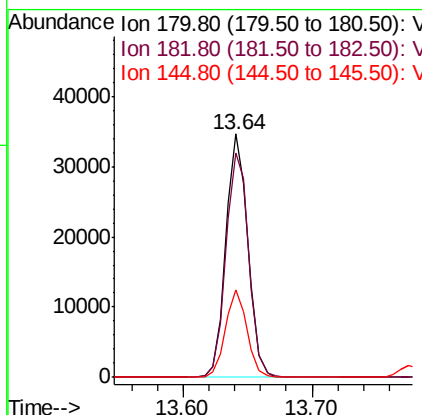
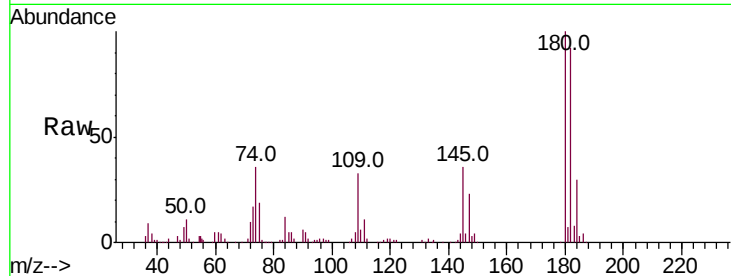




#93
 1,2,4-Trichlorobenzene
 Concen: 15.770 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012430.D
 Acq: 17 Sep 2019 12:46

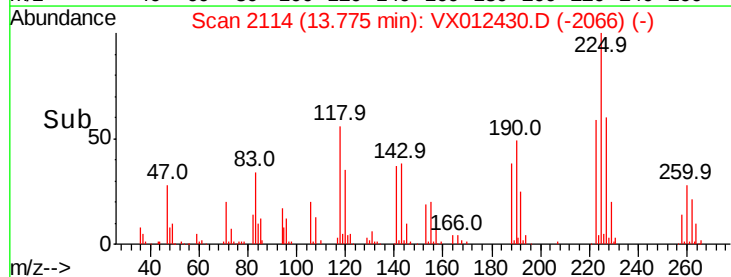
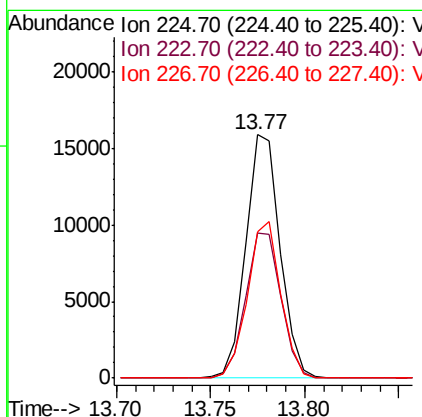
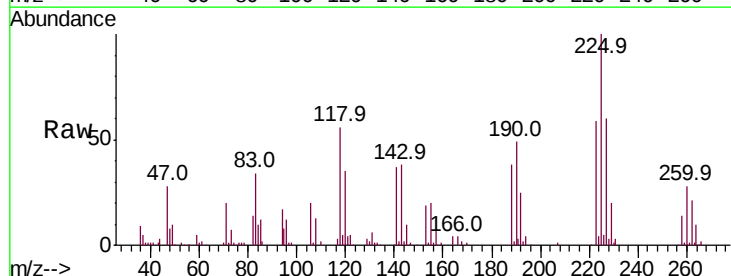
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

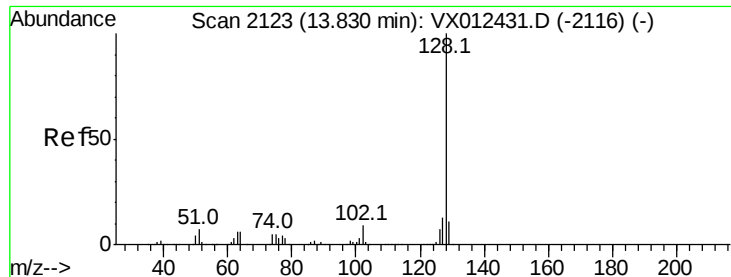
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.0	141.0
145	35.1	16.8	50.4



#94
 Hexachlorobutadiene
 Concen: 15.755 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX012430.D
 Acq: 17 Sep 2019 12:46

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.6	32.0	96.2
227	62.6	31.9	95.5

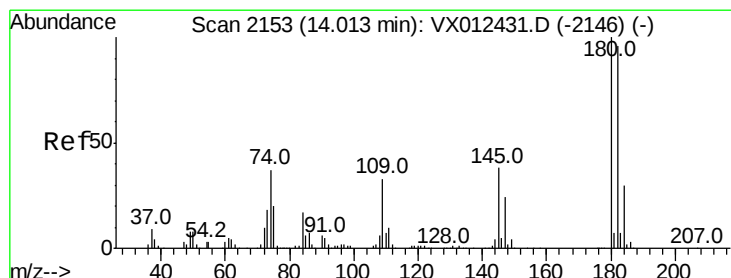
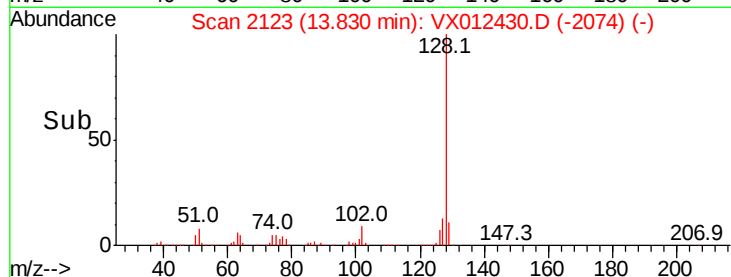
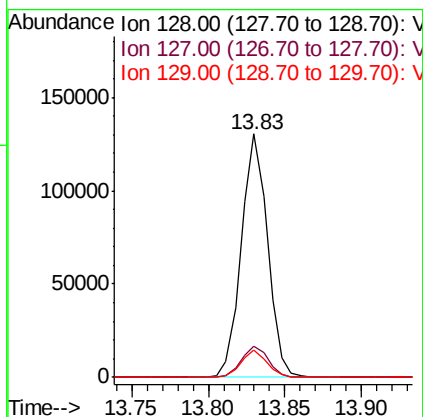
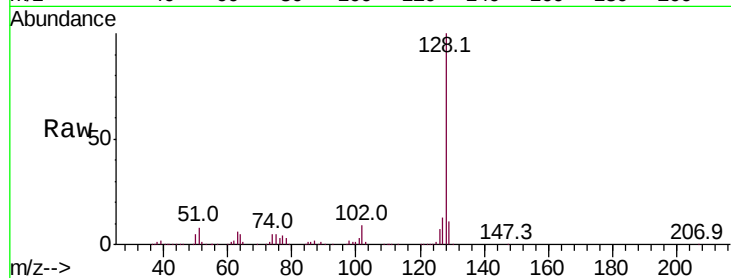




#95
Naphthalene
Concen: 17.114 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012430.D
Acq: 17 Sep 2019 12:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion:128 Resp: 155248
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 16.898 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. 0.01 min
Lab File: VX012430.D
Acq: 17 Sep 2019 12:46

Tgt Ion:180 Resp: 44670
Ion Ratio Lower Upper
180 100
182 93.0 47.1 141.3
145 34.7 18.0 54.0

