

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091819\
 Data File : VX012493.D
 Acq On : 18 Sep 2019 23:34
 Operator : JC/SP
 Sample : VX0918WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBS02

Quant Time: Sep 19 06:06:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	201668	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	341825	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	306723	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	144954	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	140538	48.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.24%	
35) Dibromofluoromethane	5.49	113	102184	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	
50) Toluene-d8	8.71	98	376056	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	
62) 4-Bromofluorobenzene	11.14	95	149696	47.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	24556	18.499	ug/l	94
3) Chloromethane	1.32	50	21195	19.117	ug/l	100
4) Vinyl Chloride	1.40	62	22689	18.934	ug/l	100
5) Bromomethane	1.63	94	10632	22.583	ug/l	83
6) Chloroethane	1.72	64	16610	17.713	ug/l	100
7) Trichlorofluoromethane	1.92	101	43694	19.891	ug/l	97
8) Diethyl Ether	2.18	74	18214	18.357	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	29730	18.705	ug/l	100
10) Methyl Iodide	2.50	142	21217	18.616	ug/l	96
11) Tert butyl alcohol	3.03	59	71400	93.743	ug/l	97
12) 1,1-Dichloroethene	2.36	96	24357	19.211	ug/l	92
13) Acrolein	2.28	56	19239	74.626	ug/l	99
14) Allyl chloride	2.72	41	54998	18.632	ug/l	97
15) Acrylonitrile	3.13	53	118424	94.552	ug/l	98
16) Acetone	2.43	43	109647	77.533	ug/l	98
17) Carbon Disulfide	2.56	76	29717	17.781	ug/l	99
18) Methyl Acetate	2.76	43	58204	19.325	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	132097	19.108	ug/l	100
20) Methylene Chloride	2.85	84	33159	18.957	ug/l	93
21) trans-1,2-Dichloroethene	3.16	96	25590	19.436	ug/l	99
22) Diisopropyl ether	3.84	45	130658	18.904	ug/l	97
23) Vinyl Acetate	3.80	43	534858	94.075	ug/l	99
24) 1,1-Dichloroethane	3.69	63	63883	19.318	ug/l	97
25) 2-Butanone	4.66	43	172140	85.860	ug/l	99
26) 2,2-Dichloropropane	4.58	77	46778	14.383	ug/l	96
27) cis-1,2-Dichloroethene	4.58	96	37751	19.194	ug/l	96
28) Bromochloromethane	5.00	49	32409	19.010	ug/l	96
29) Tetrahydrofuran	5.12	42	104576	94.418	ug/l	97
30) Chloroform	5.20	83	70642	18.601	ug/l	94
31) Cyclohexane	5.58	56	38726	19.399	ug/l	90
32) 1,1,1-Trichloroethane	5.49	97	60371	19.019	ug/l	99
36) 1,1-Dichloropropene	5.79	75	37769	18.180	ug/l	97
37) Ethyl Acetate	4.82	43	63661	19.963	ug/l	99
38) Carbon Tetrachloride	5.78	117	47189	18.264	ug/l	96

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	38038	18.835	ug/l	99
40) Benzene	6.14	78	128331	19.426	ug/l	100
41) Methacrylonitrile	5.03	41	37048	18.043	ug/l	98
42) 1,2-Dichloroethane	6.19	62	58560	19.112	ug/l	100
43) Isopropyl Acetate	6.44	43	103848	18.144	ug/l	99
44) Trichloroethene	7.21	130	34707	19.972	ug/l	97
45) 1,2-Dichloropropane	7.51	63	38227	18.835	ug/l	99
46) Dibromomethane	7.65	93	24997	19.032	ug/l	99
47) Bromodichloromethane	7.89	83	54360	18.588	ug/l	100
48) Methyl methacrylate	7.76	41	49329	18.284	ug/l	98
49) 1,4-Dioxane	7.73	88	24038	366.075	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	347036	92.459	ug/l	99
52) Toluene	8.78	92	81904	19.241	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	53305	17.535	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	57972	18.421	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	42527	19.391	ug/l	98
56) Ethyl methacrylate	9.17	69	63888	18.632	ug/l	99
57) 1,3-Dichloropropane	9.37	76	66968	19.139	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	173939	97.998	ug/l	100
59) 2-Hexanone	9.49	43	260903	89.098	ug/l	99
60) Dibromochloromethane	9.58	129	41350	18.510	ug/l	100
61) 1,2-Dibromoethane	9.67	107	39937	19.939	ug/l	99
64) Tetrachloroethene	9.33	164	30823	21.930	ug/l	96
65) Chlorobenzene	10.14	112	96808	19.123	ug/l	93
66) 1,1,1,2-Tetrachloroethane	10.21	131	40602	19.325	ug/l	98
67) Ethyl Benzene	10.25	91	168515	19.375	ug/l	99
68) m/p-Xylenes	10.36	106	124145	39.229	ug/l	97
69) o-Xylene	10.70	106	63229	19.428	ug/l	100
70) Styrene	10.71	104	111395	19.345	ug/l	99
71) Bromoform	10.85	173	28399	17.667	ug/l #	100
73) Isopropylbenzene	11.01	105	177464	19.512	ug/l	99
74) N-amyl acetate	10.89	43	91005	18.585	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	67664	18.965	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	75247	22.599	ug/l	86
77) Bromobenzene	11.25	156	44263	19.955	ug/l	98
78) n-propylbenzene	11.35	91	192878	19.028	ug/l	99
79) 2-Chlorotoluene	11.42	91	125301	19.001	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	150920	19.457	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	17663	16.757	ug/l	93
82) 4-Chlorotoluene	11.51	91	145292	19.197	ug/l	99
83) tert-Butylbenzene	11.76	119	159968	19.247	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	153332	19.253	ug/l	99
85) sec-Butylbenzene	11.94	105	173840	18.981	ug/l	99
86) p-Isopropyltoluene	12.06	119	161531	19.207	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	82584	19.793	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	82564	19.264	ug/l	100
89) n-Butylbenzene	12.39	91	132096	17.604	ug/l	99
90) Hexachloroethane	12.59	117	27686	17.954	ug/l	90
91) 1,2-Dichlorobenzene	12.39	146	84722	19.427	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	16918	18.291	ug/l	98

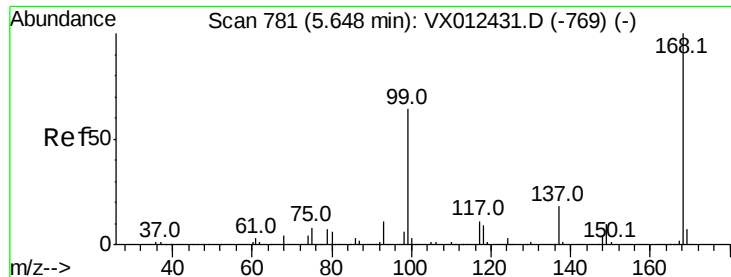
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091819\
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Quant Time: Sep 19 06:06:52 2019
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Quant Title : SW846 8260
QLast Update : Tue Sep 17 15:27:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	53196	18.938	ug/l	98
94) Hexachlorobutadiene	13.78	225	23200	17.524	ug/l	97
95) Naphthalene	13.83	128	200707	20.081	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	57011	19.917	ug/l	99

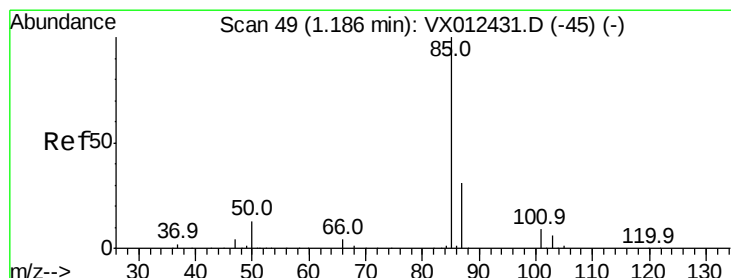
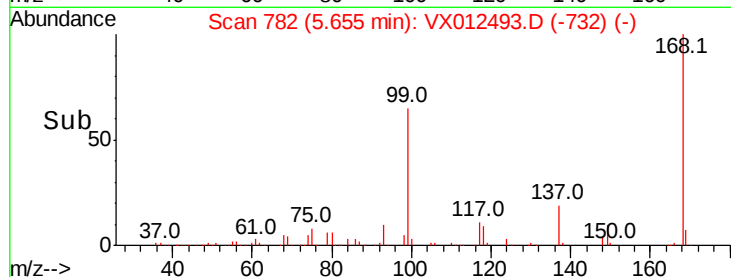
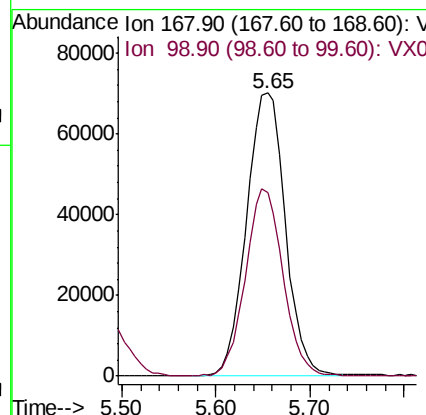
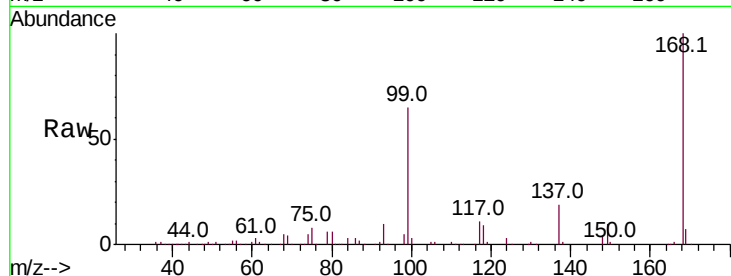
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX012493.D
Acq: 18 Sep 2019 23:34

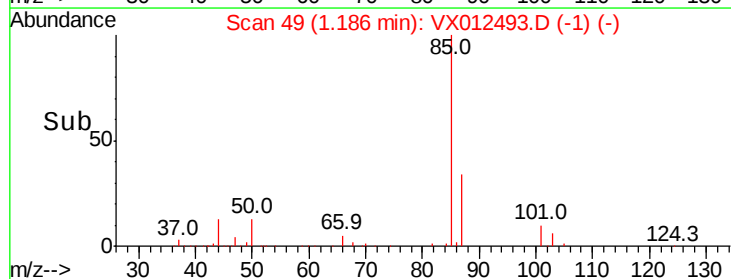
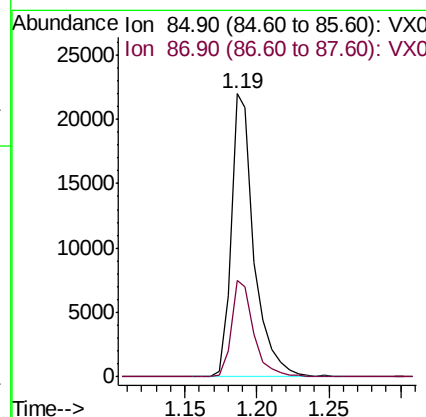
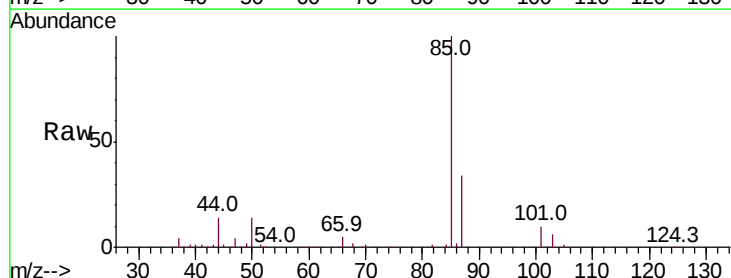
Instrument :
MSVOA_X
ClientSampleId :
VX0918WBS02

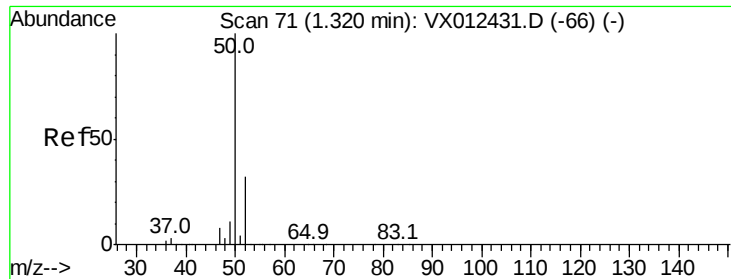
Tot Ion:168 Resp: 201668
Ion Ratio Lower Upper
168 100
99 64.6 51.4 77.2



#2
Dichlorodifluoromethane
Concen: 18.499 ug/l
RT: 1.19 min Scan# 49
Delta R.T. 0.00 min
Lab File: VX012493.D
Acq: 18 Sep 2019 23:34

Tgt Ion: 85 Resp: 24556
Ion Ratio Lower Upper
85 100
87 34.2 15.6 46.8





#3

Chloromethane

Concen: 19.117 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012493.D

Acq: 18 Sep 2019 23:34

Instrument :

MSVOA_X

ClientSampleId :

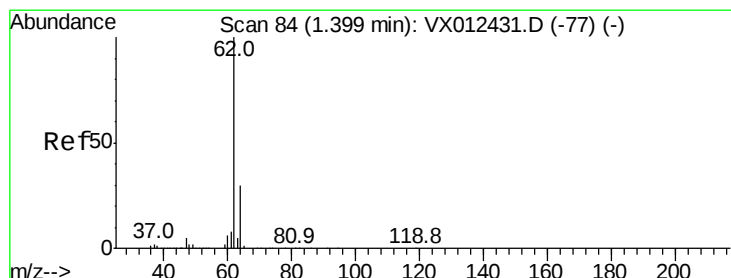
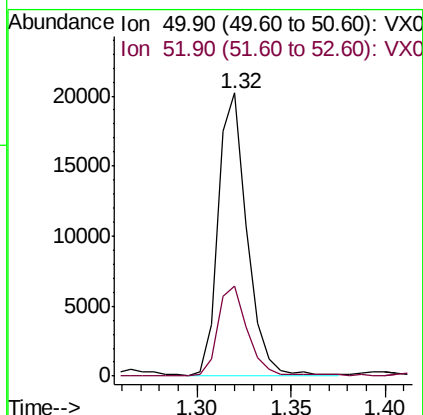
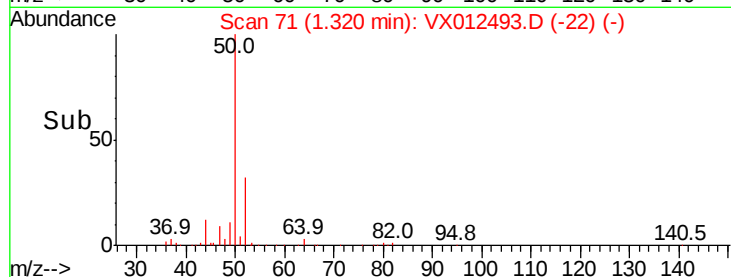
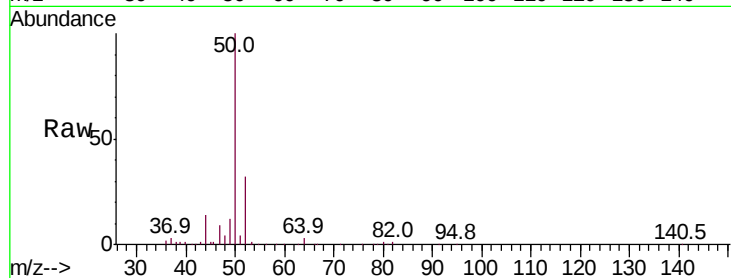
VX0918WBS02

Tot Ion: 50 Resp: 21195

Ion Ratio Lower Upper

50 100

52 31.8 25.7 38.5



#4

Vinyl Chloride

Concen: 18.934 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012493.D

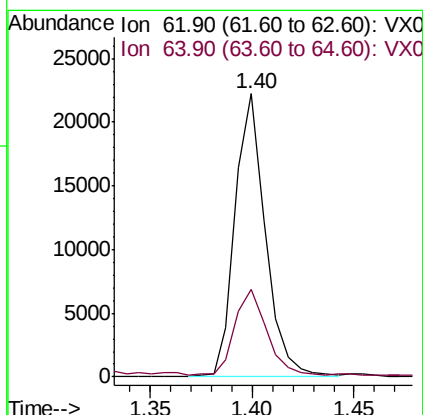
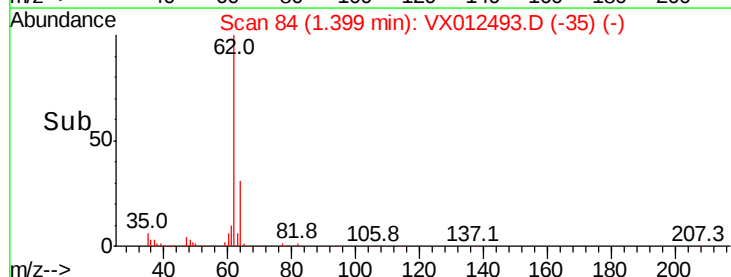
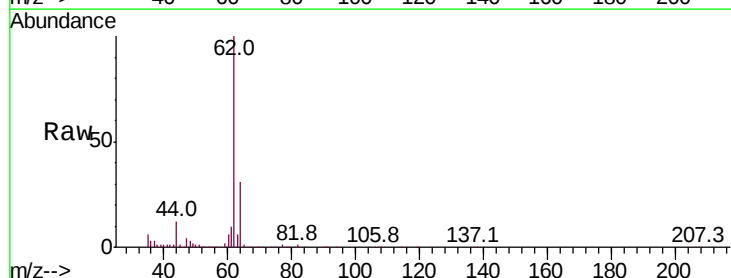
Acq: 18 Sep 2019 23:34

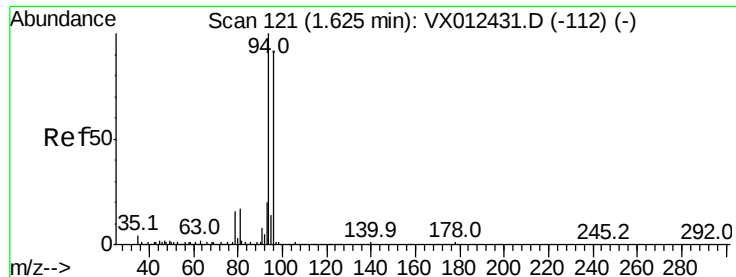
Tgt Ion: 62 Resp: 22689

Ion Ratio Lower Upper

62 100

64 30.4 24.2 36.2





#5

Bromomethane

Concen: 22.583 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX012493.D

Acq: 18 Sep 2019 23:34

Instrument :

MSVOA_X

ClientSampleId :

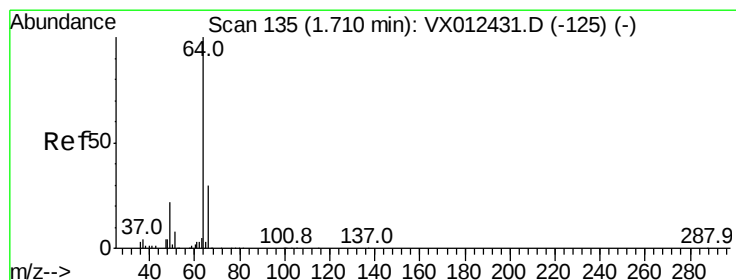
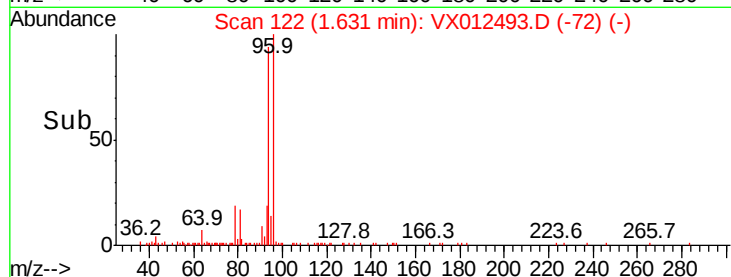
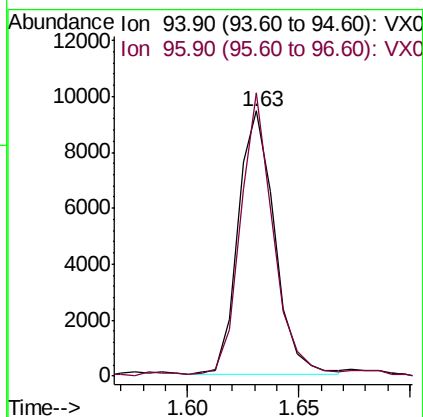
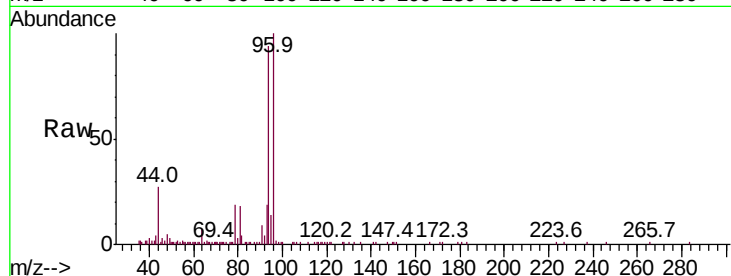
VX0918WBS02

Tot Ion: 94 Resp: 10632

Ion Ratio Lower Upper

94 100

96 107.0 72.8 109.2



#6

Chloroethane

Concen: 17.713 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX012493.D

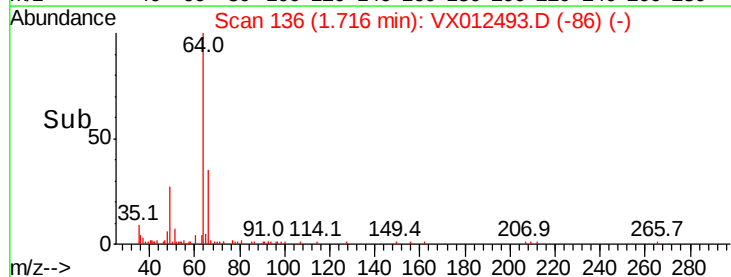
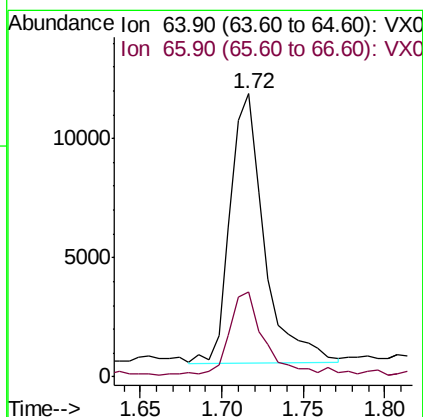
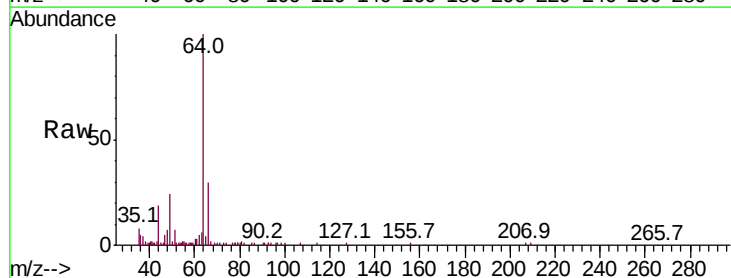
Acq: 18 Sep 2019 23:34

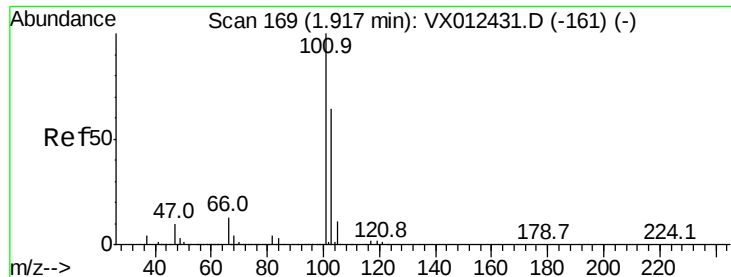
Tgt Ion: 64 Resp: 16610

Ion Ratio Lower Upper

64 100

66 30.2 24.0 36.0



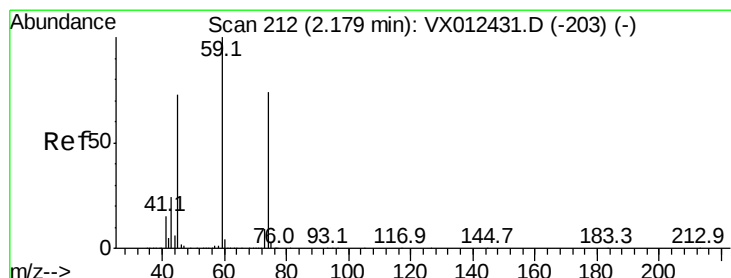
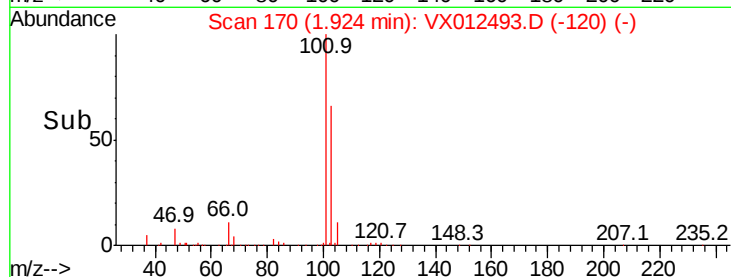
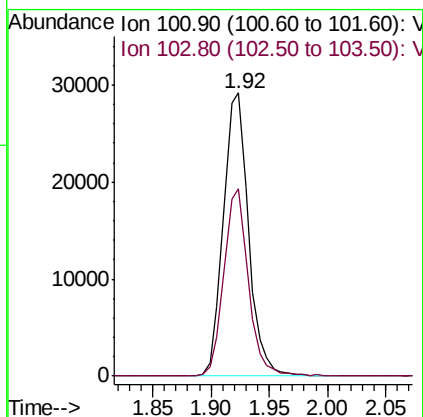
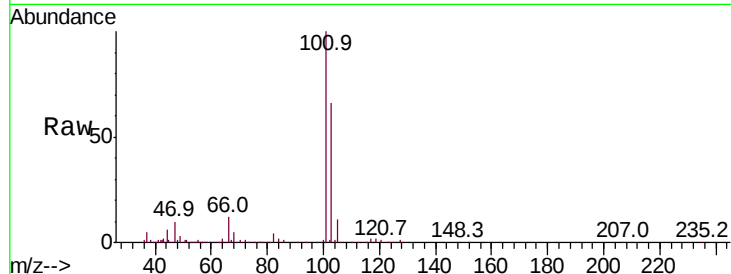


#7

Trichlorofluoromethane
 Concen: 19.891 ug/l
 RT: 1.92 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX012493.D
 Acq: 18 Sep 2019 23:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBS02

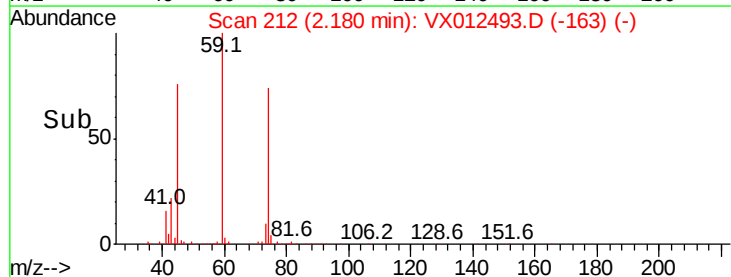
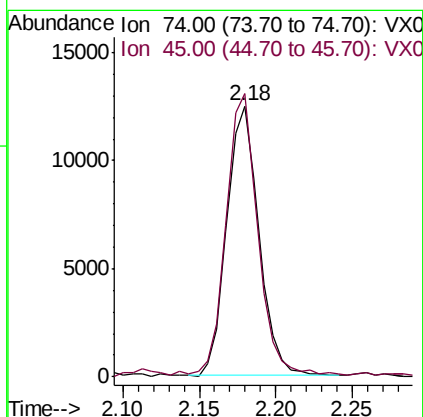
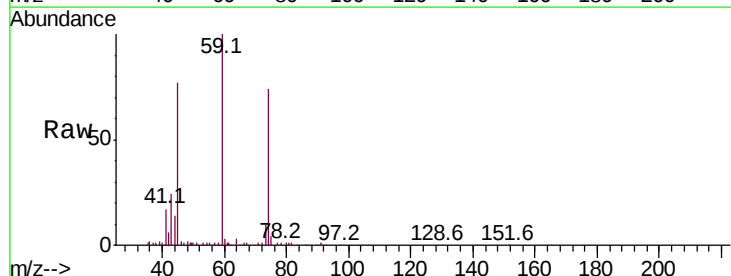
Tot Ion:101 Resp: 43694
 Ion Ratio Lower Upper
 101 100
 103 65.9 51.0 76.4

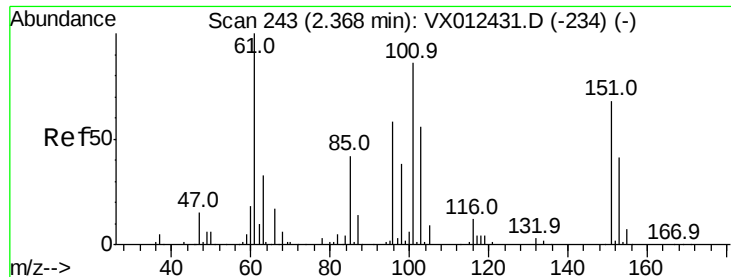


#8

Diethyl Ether
 Concen: 18.357 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX012493.D
 Acq: 18 Sep 2019 23:34

Tgt Ion: 74 Resp: 18214
 Ion Ratio Lower Upper
 74 100
 45 103.9 49.9 149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.705 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX012493.D

Acq: 18 Sep 2019 23:34

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBS02

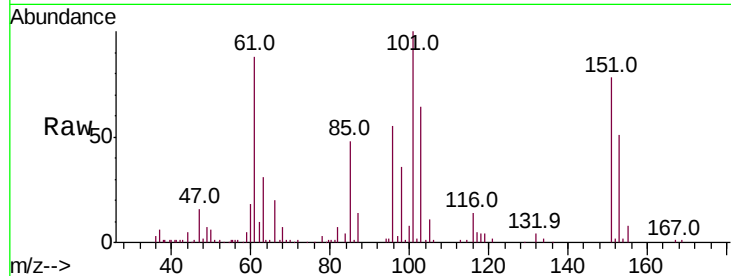
Tot Ion:101 Resp: 29730

Ion Ratio Lower Upper

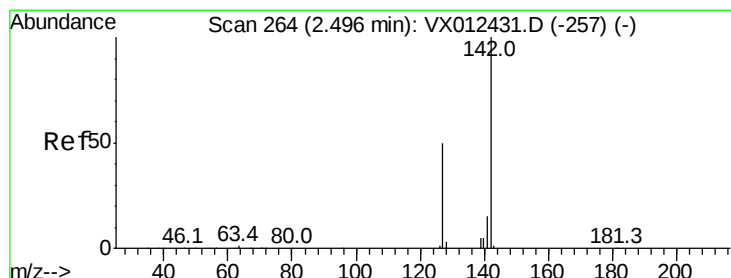
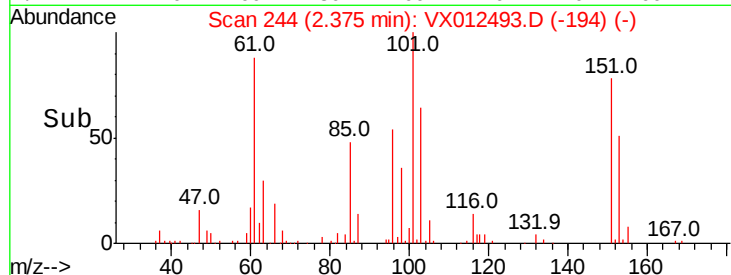
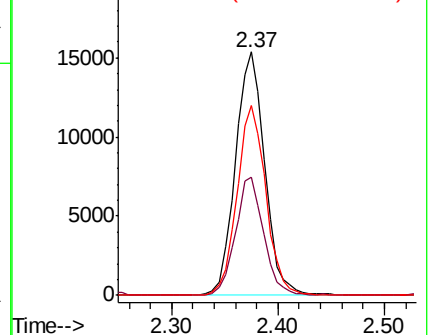
101 100

85 46.5 37.3 55.9

151 76.4 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: 18.616 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX012493.D

Acq: 18 Sep 2019 23:34

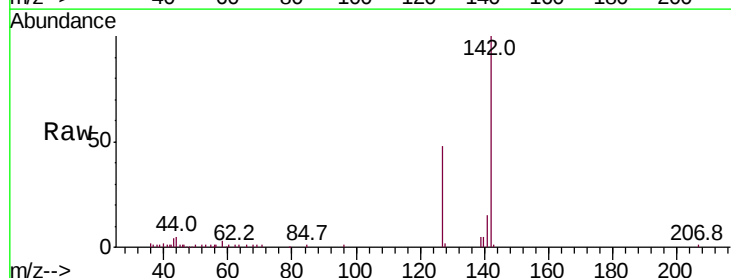
Tgt Ion:142 Resp: 21217

Ion Ratio Lower Upper

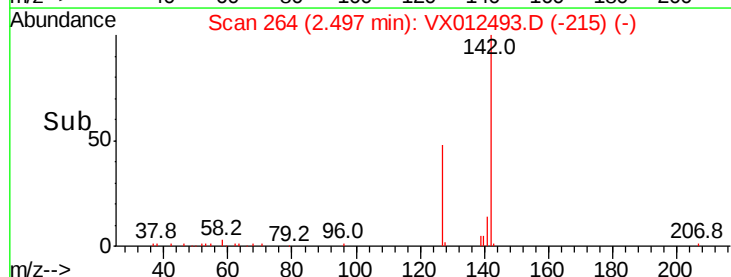
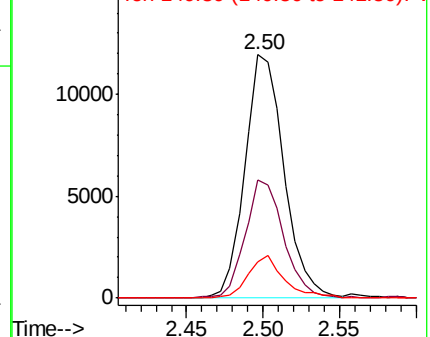
142 100

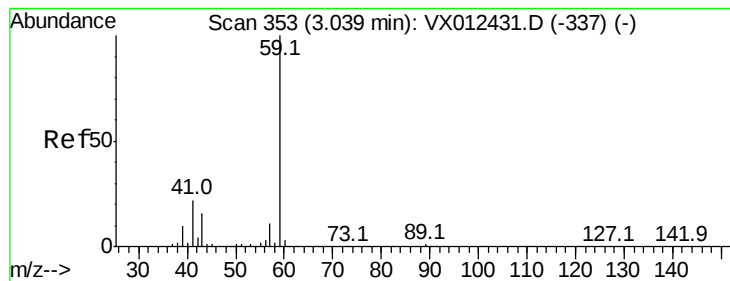
127 47.6 40.8 61.2

141 15.8 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: 93.743 ug/l

RT: 3.03 min Scan# 352

Delta R.T. -0.01 min

Lab File: VX012493.D

Acq: 18 Sep 2019 23:34

Instrument :

MSVOA_X

ClientSampleId :

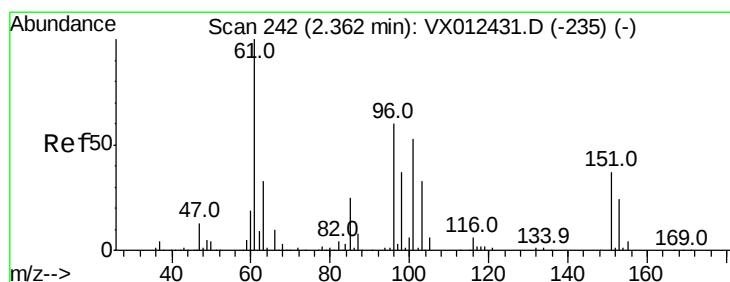
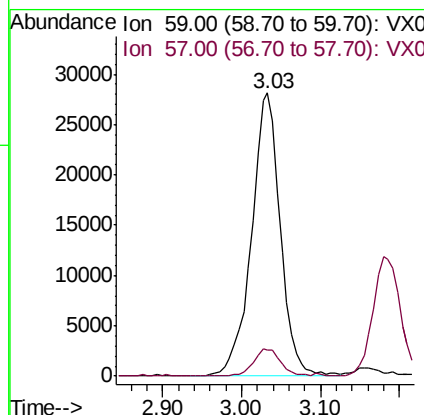
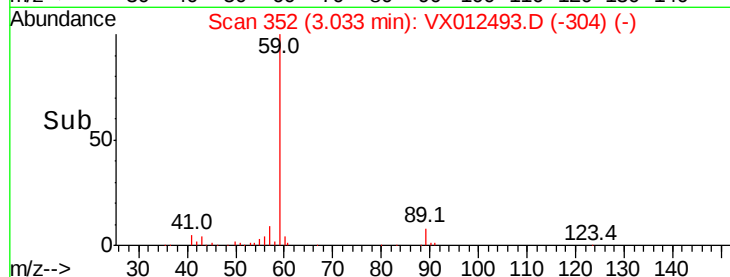
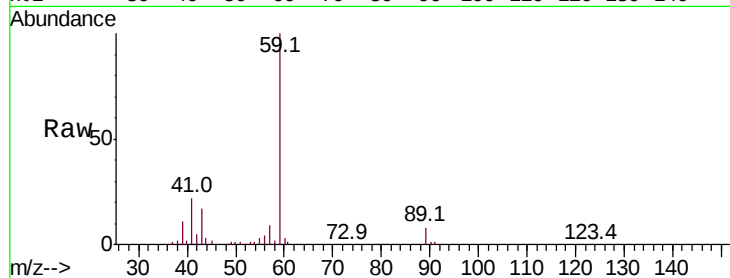
VX0918WBS02

Tot Ion: 59 Resp: 71400

Ion Ratio Lower Upper

59 100

57 9.1 8.3 12.5



#12

1,1-Dichloroethene

Concen: 19.211 ug/l

RT: 2.36 min Scan# 242

Delta R.T. 0.00 min

Lab File: VX012493.D

Acq: 18 Sep 2019 23:34

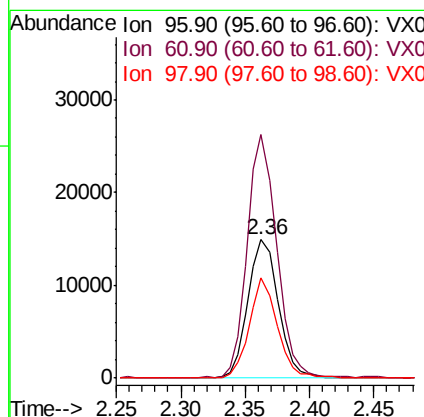
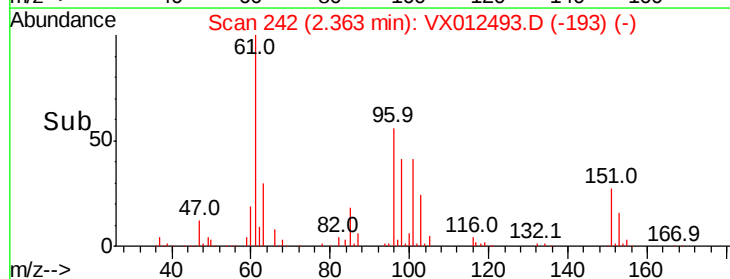
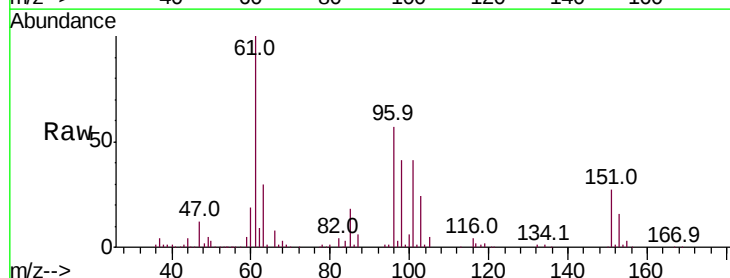
Tgt Ion: 96 Resp: 24357

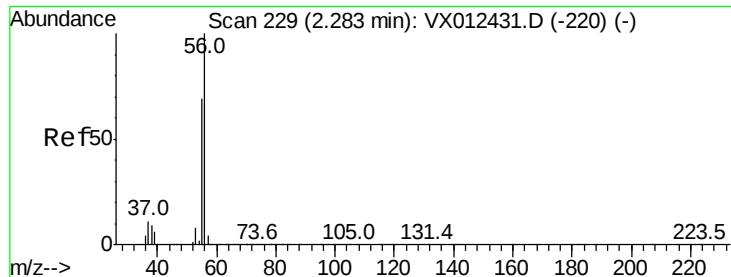
Ion Ratio Lower Upper

96 100

61 176.3 133.8 200.6

98 72.4 49.9 74.9





#13

Acrolein

Concen: 74.626 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012493.D

Acq: 18 Sep 2019 23:34

Instrument :

MSVOA_X

ClientSampleId :

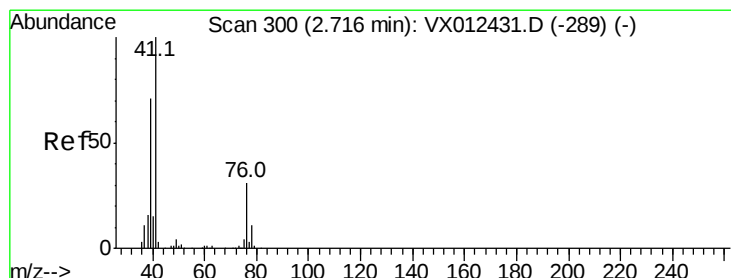
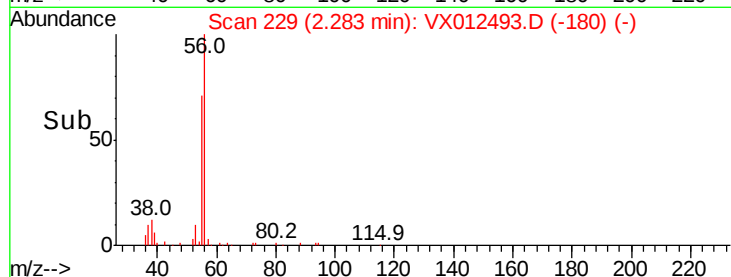
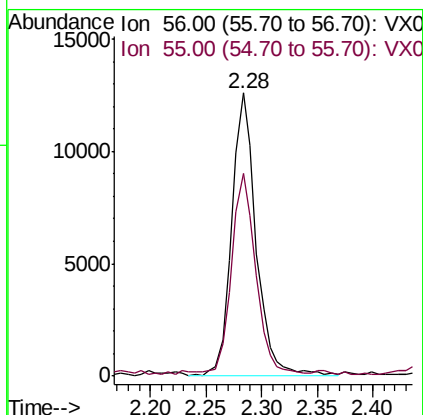
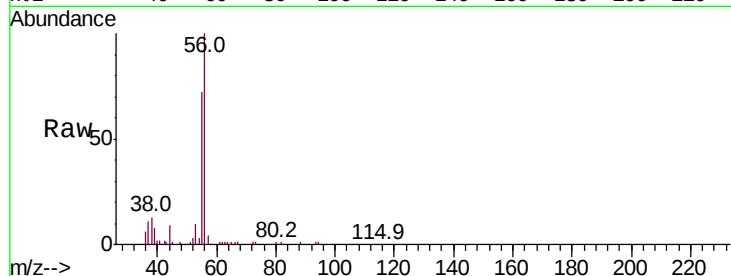
VX0918WBS02

Tot Ion: 56 Resp: 19239

Ion Ratio Lower Upper

56 100

55 68.7 55.8 83.8



#14

Allyl chloride

Concen: 18.632 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX012493.D

Acq: 18 Sep 2019 23:34

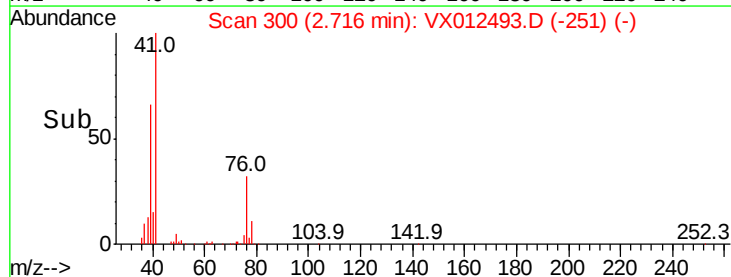
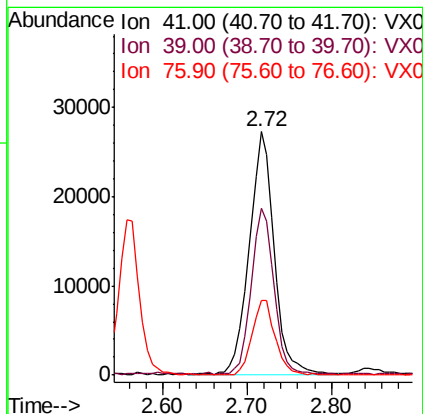
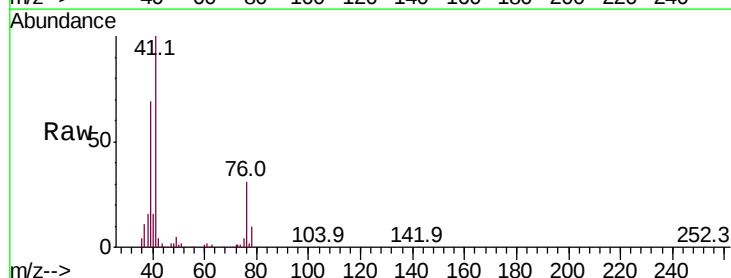
Tgt Ion: 41 Resp: 54998

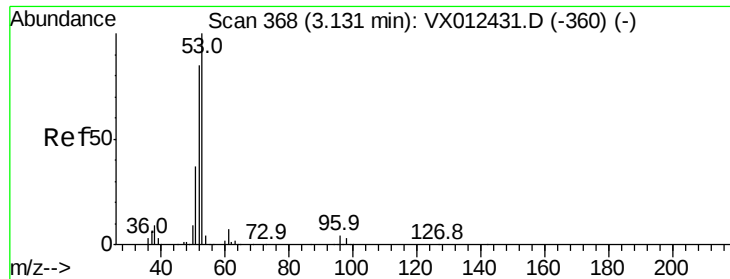
Ion Ratio Lower Upper

41 100

39 61.1 51.3 76.9

76 28.7 22.6 33.8





#15

Acrylonitrile

Concen: 94.552 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012493.D

Acq: 18 Sep 2019 23:34

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBS02

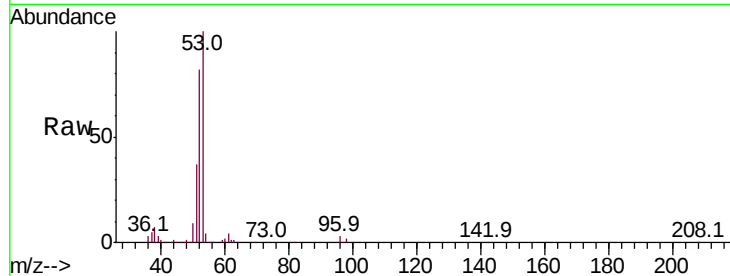
Tot Ion: 53 Resp: 118424

Ion Ratio Lower Upper

53 100

52 81.4 67.0 100.4

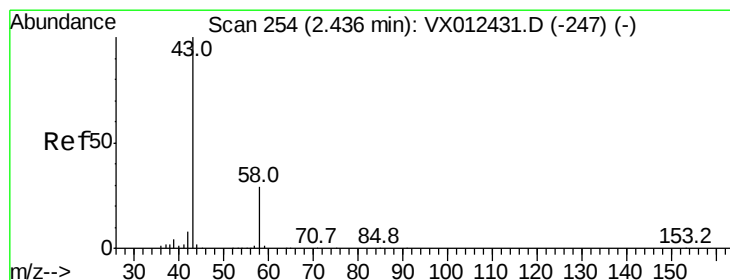
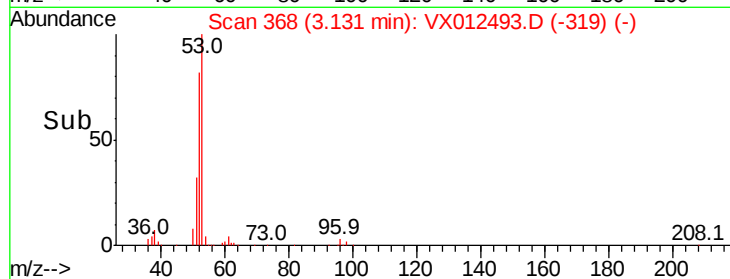
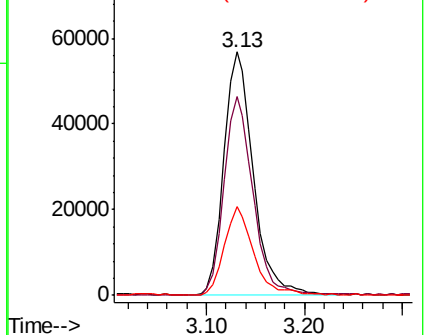
51 36.1 29.6 44.4



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: 77.533 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX012493.D

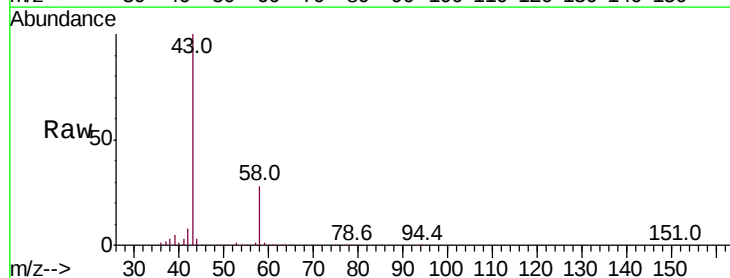
Acq: 18 Sep 2019 23:34

Tgt Ion: 43 Resp: 109647

Ion Ratio Lower Upper

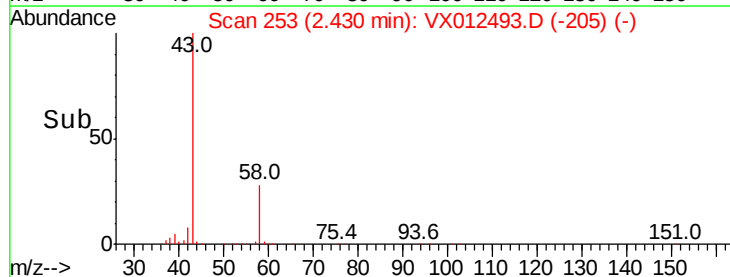
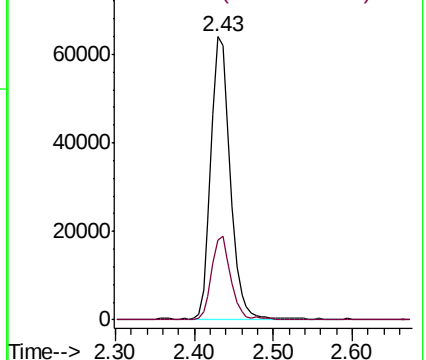
43 100

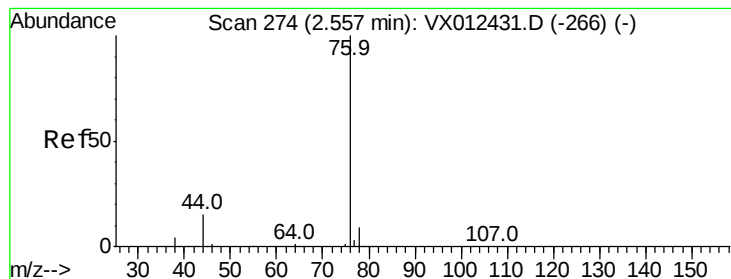
58 28.1 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 17.781 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX012493.D

Acq: 18 Sep 2019 23:34

Instrument :

MSVOA_X

ClientSampleId :

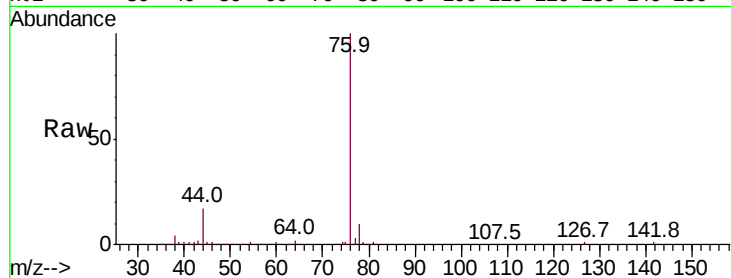
VX0918WBS02

Tot Ion: 76 Resp: 29717

Ion Ratio Lower Upper

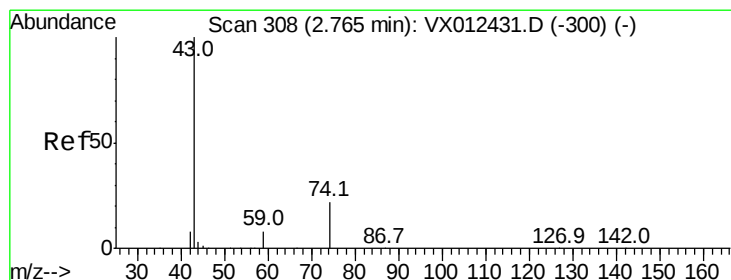
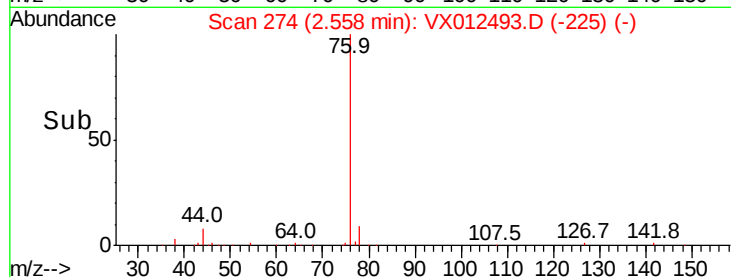
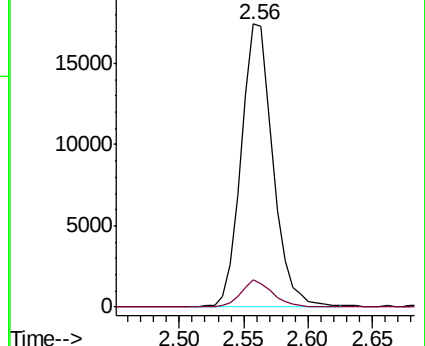
76 100

78 9.6 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: 19.325 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX012493.D

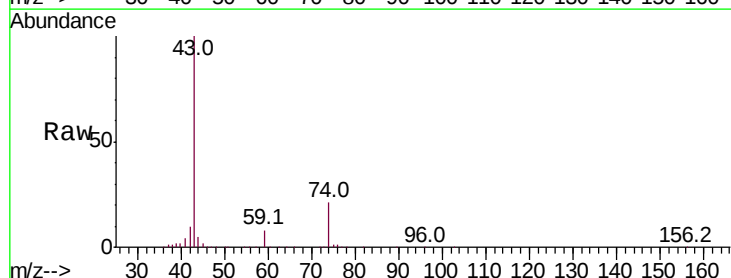
Acq: 18 Sep 2019 23:34

Tgt Ion: 43 Resp: 58204

Ion Ratio Lower Upper

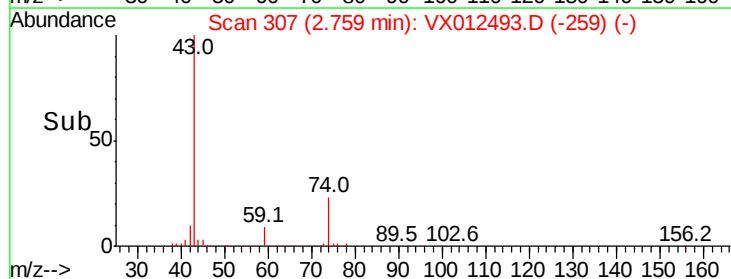
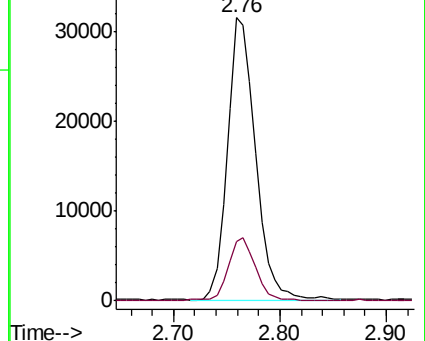
43 100

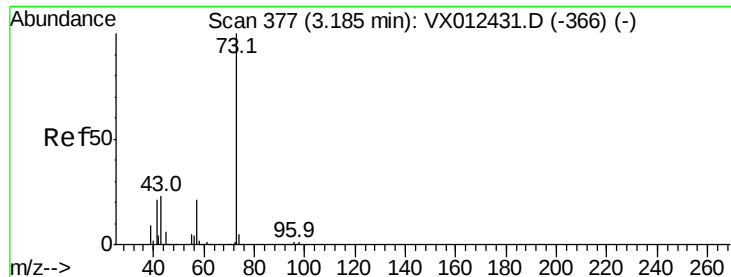
74 22.1 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



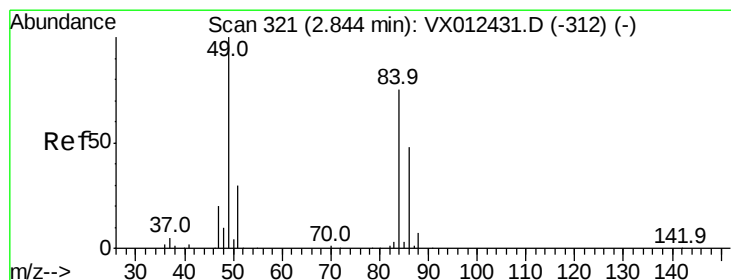
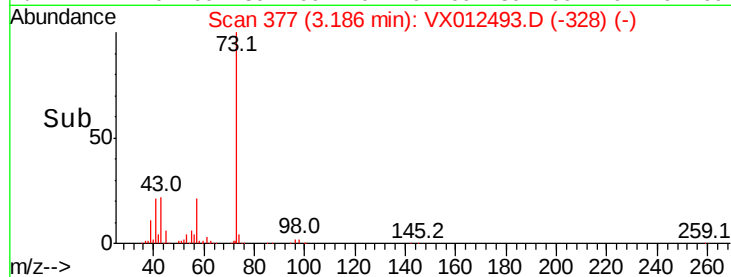
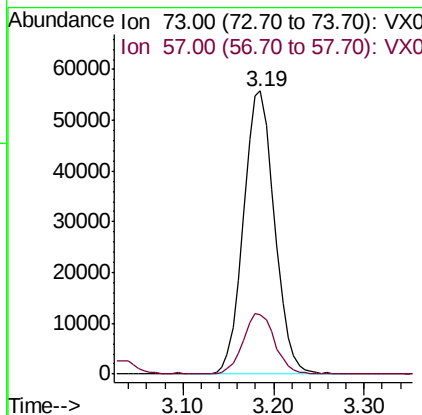
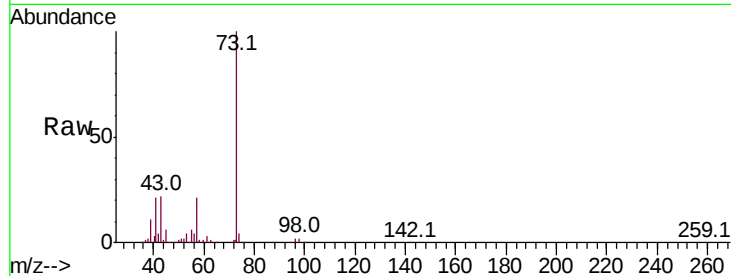


#19

Methyl tert-butyl Ether
 Concen: 19.108 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. 0.00 min
 Lab File: VX012493.D
 Acq: 18 Sep 2019 23:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBS02

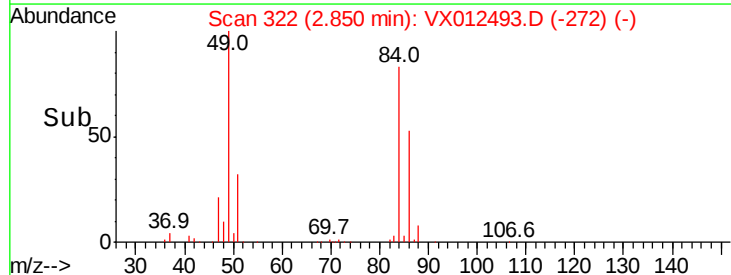
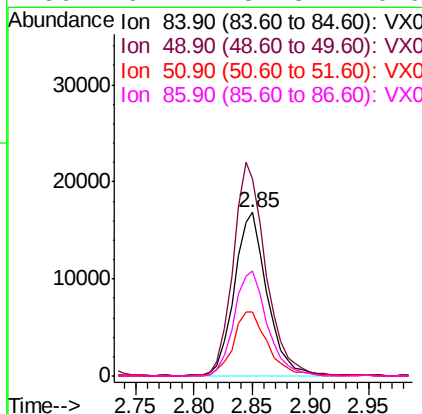
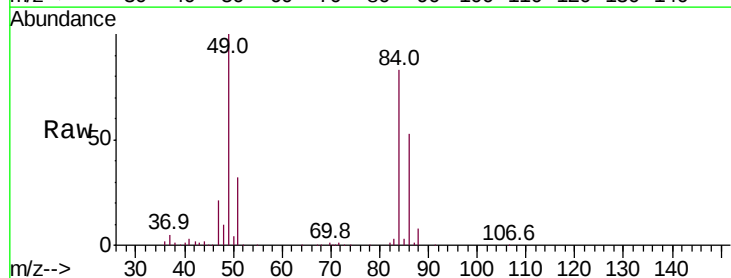
Tot Ion: 73 Resp: 132097
 Ion Ratio Lower Upper
 73 100
 57 20.8 16.8 25.2

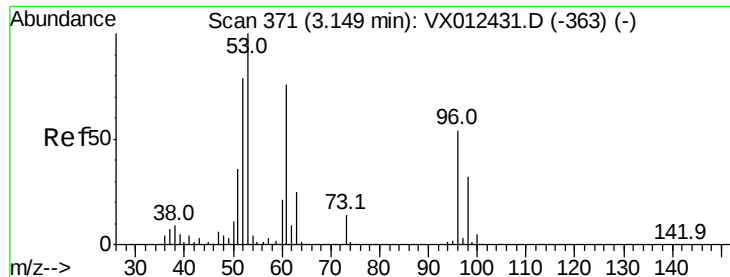


#20

Methylene Chloride
 Concen: 18.957 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. 0.01 min
 Lab File: VX012493.D
 Acq: 18 Sep 2019 23:34

Tgt Ion: 84 Resp: 33159
 Ion Ratio Lower Upper
 84 100
 49 120.2 106.8 160.2
 51 39.1 32.3 48.5
 86 64.4 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 19.436 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012493.D

Acq: 18 Sep 2019 23:34

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBS02

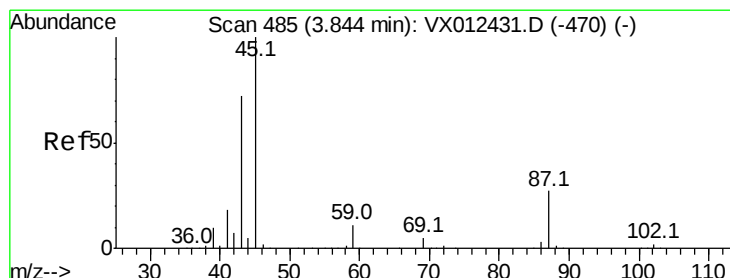
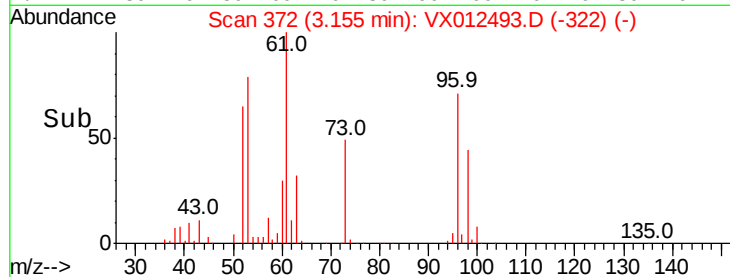
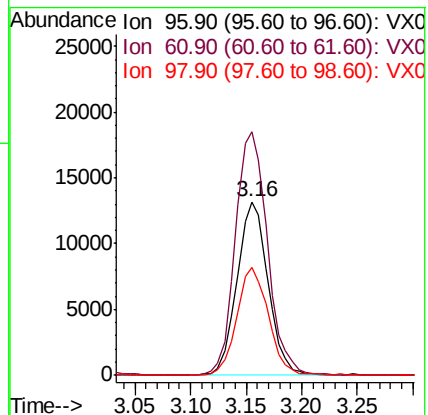
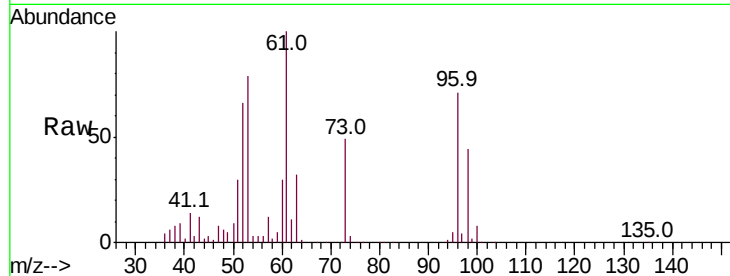
Tot Ion: 96 Resp: 25590

Ion Ratio Lower Upper

96 100

61 140.4 112.0 168.0

98 62.0 47.8 71.8



#22

Diisopropyl ether

Concen: 18.904 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX012493.D

Acq: 18 Sep 2019 23:34

Tgt Ion: 45 Resp: 130658

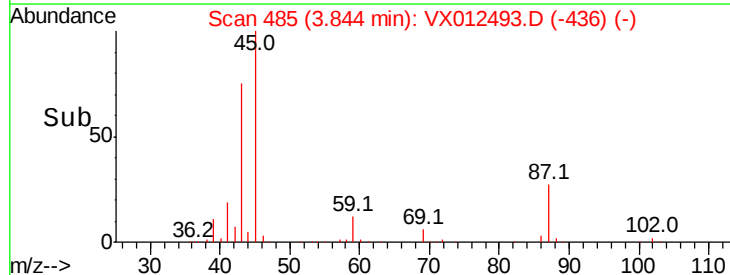
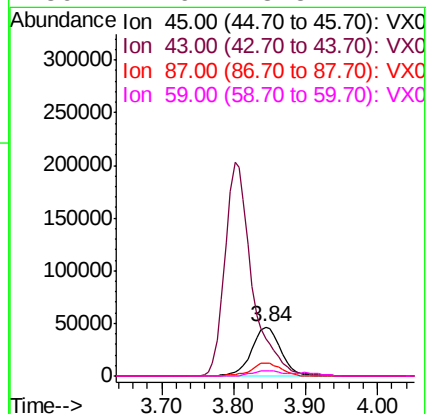
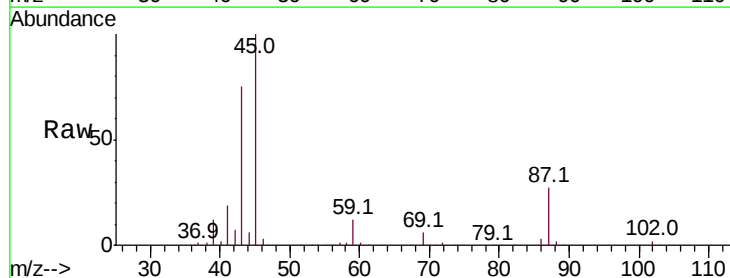
Ion Ratio Lower Upper

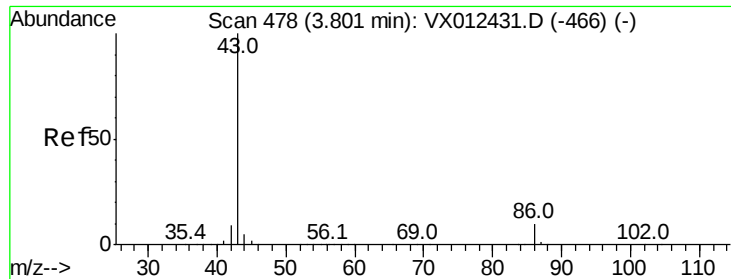
45 100

43 74.8 57.8 86.8

87 27.3 21.3 31.9

59 11.6 8.5 12.7





#23

Vinyl Acetate

Concen: 94.075 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012493.D

Acq: 18 Sep 2019 23:34

Instrument :

MSVOA_X

ClientSampleId :

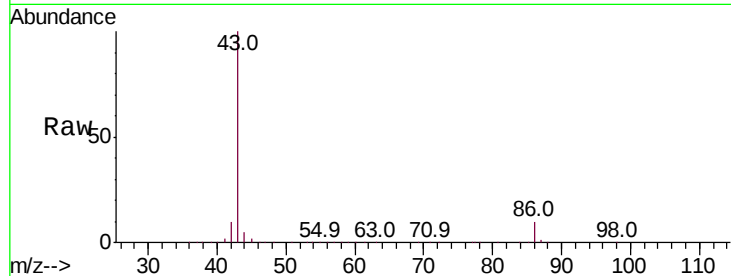
VX0918WBS02

Tot Ion: 43 Resp: 534858

Ion Ratio Lower Upper

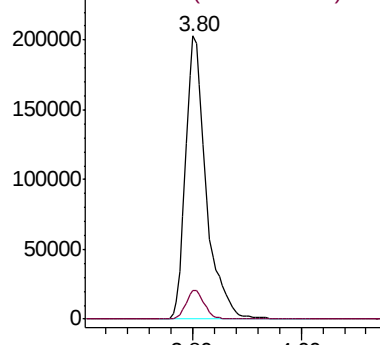
43 100

86 10.0 7.8 11.8

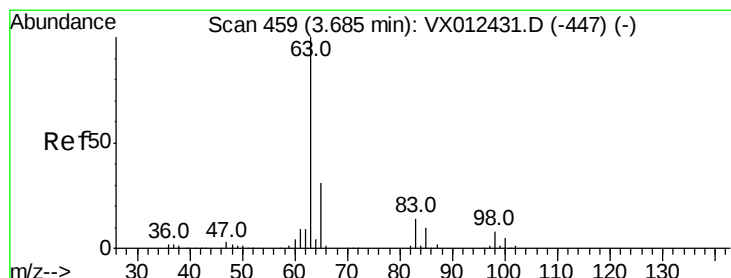
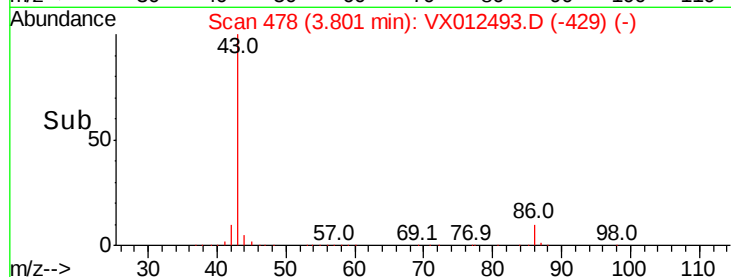


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



Time-->



#24

1,1-Dichloroethane

Concen: 19.318 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012493.D

Acq: 18 Sep 2019 23:34

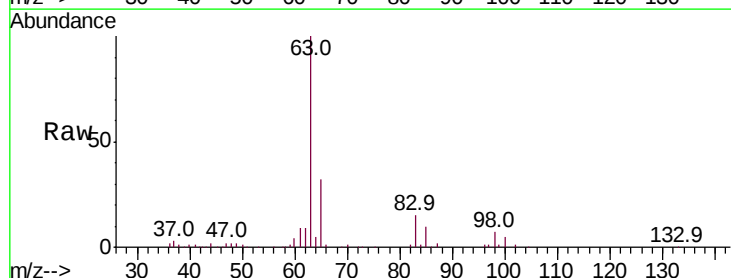
Tgt Ion: 63 Resp: 63883

Ion Ratio Lower Upper

63 100

98 6.7 3.9 11.7

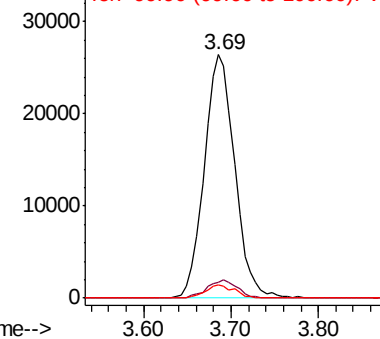
100 5.4 2.3 6.9



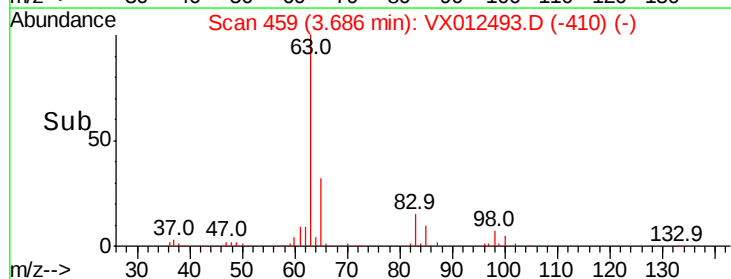
Abundance Ion 62.90 (62.60 to 63.60): VX0

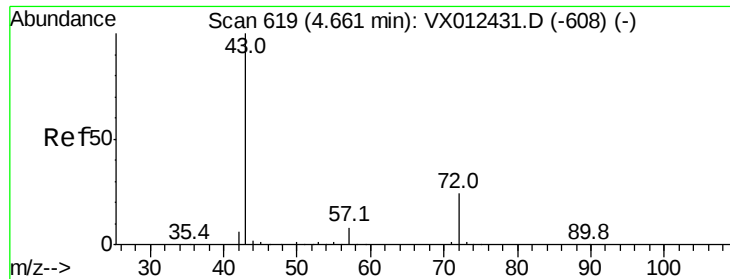
Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



Time-->





#25

2-Butanone

Concen: 85.860 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX012493.D

Acq: 18 Sep 2019 23:34

Instrument :

MSVOA_X

ClientSampleId :

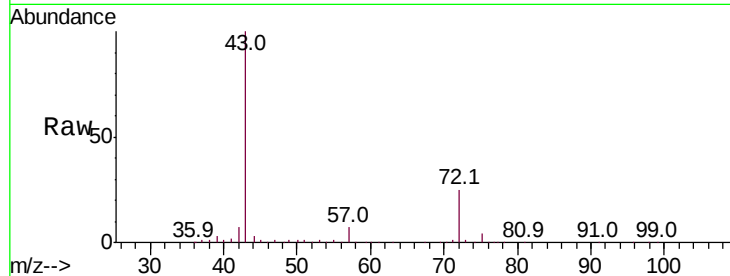
VX0918WBS02

Tot Ion: 43 Resp: 172140

Ion Ratio Lower Upper

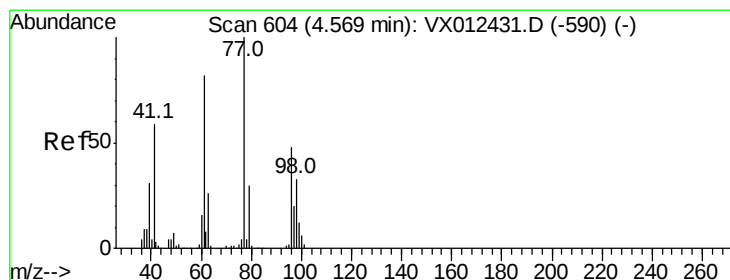
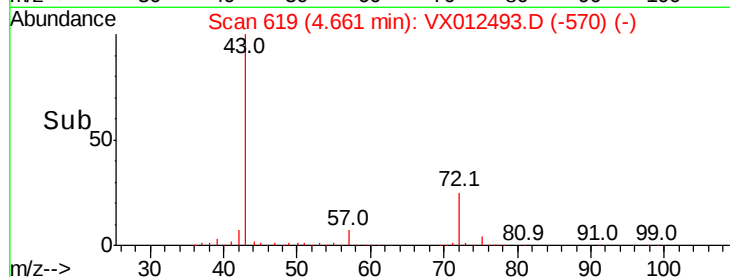
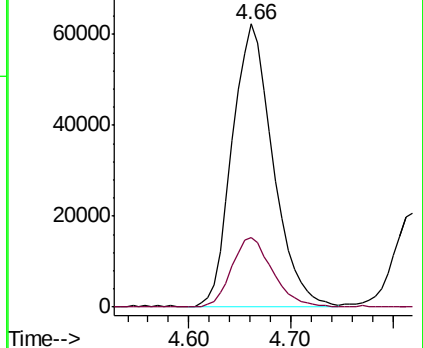
43 100

72 24.4 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: 14.383 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX012493.D

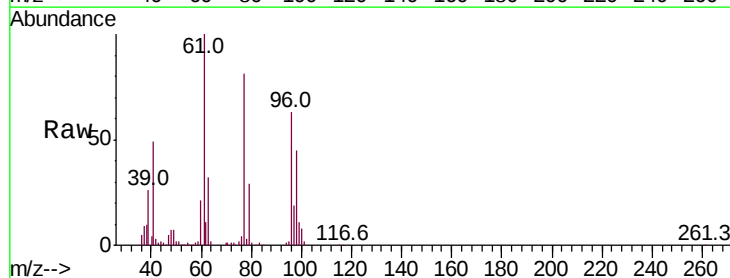
Acq: 18 Sep 2019 23:34

Tgt Ion: 77 Resp: 46778

Ion Ratio Lower Upper

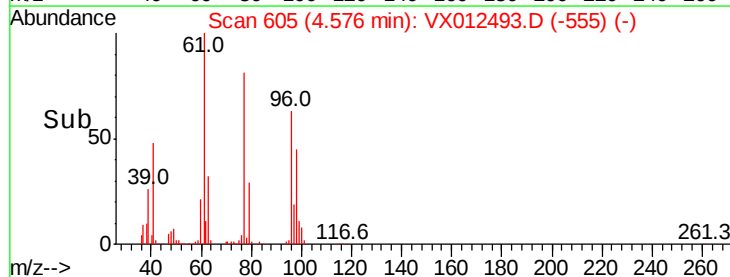
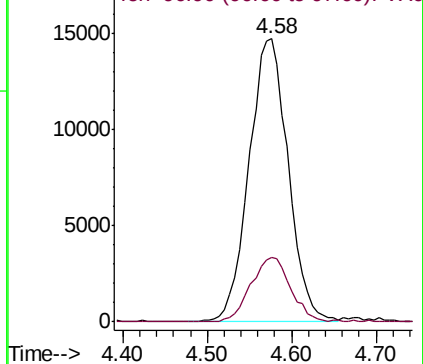
77 100

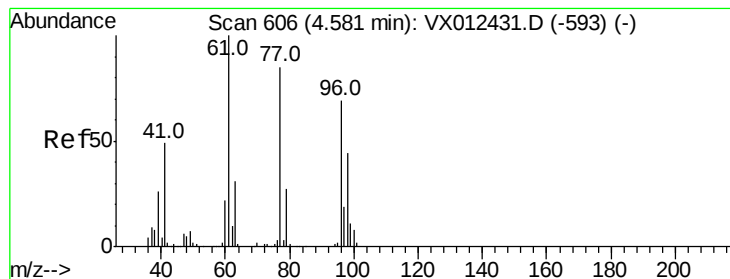
97 23.1 10.5 31.6



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: 19.194 ug/l

RT: 4.58 min Scan# 606

Delta R.T. 0.00 min

Lab File: VX012493.D

Acq: 18 Sep 2019 23:34

Instrument :

MSVOA_X

ClientSampled :

VX0918WBS02

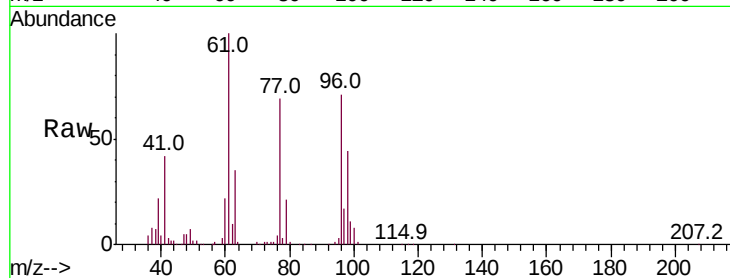
Tot Ion: 96 Resp: 37751

Ion Ratio Lower Upper

96 100

61 152.0 0.0 319.4

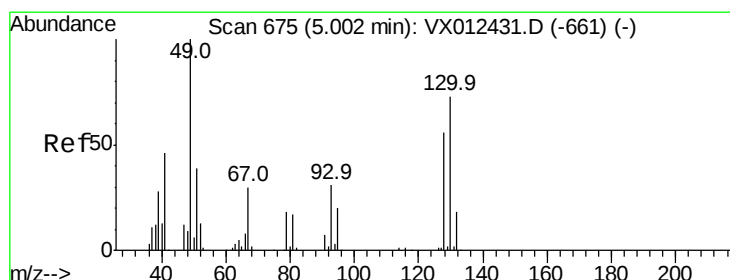
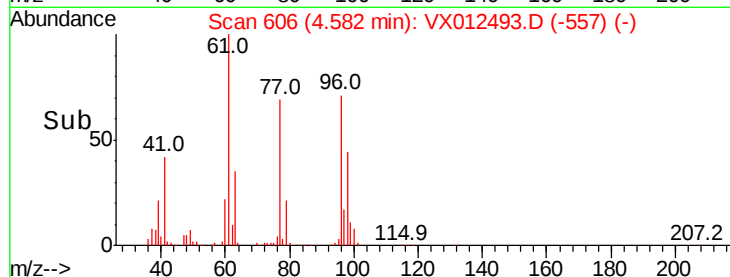
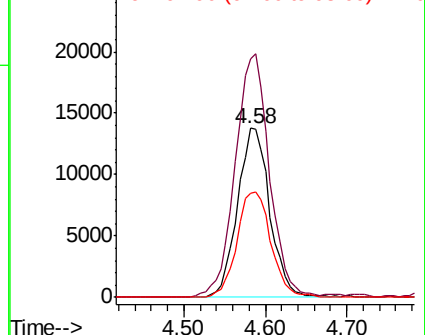
98 65.5 0.0 130.6



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: 19.010 ug/l

RT: 5.00 min Scan# 675

Delta R.T. 0.00 min

Lab File: VX012493.D

Acq: 18 Sep 2019 23:34

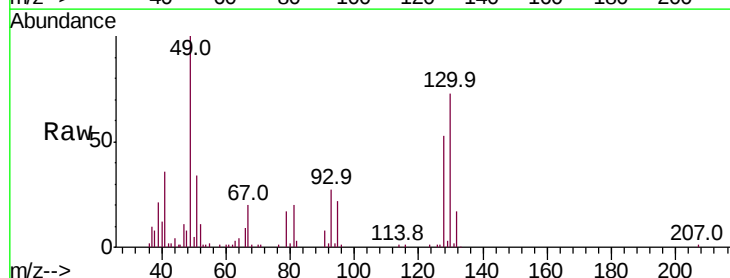
Tgt Ion: 49 Resp: 32409

Ion Ratio Lower Upper

49 100

129 1.5 0.0 3.8

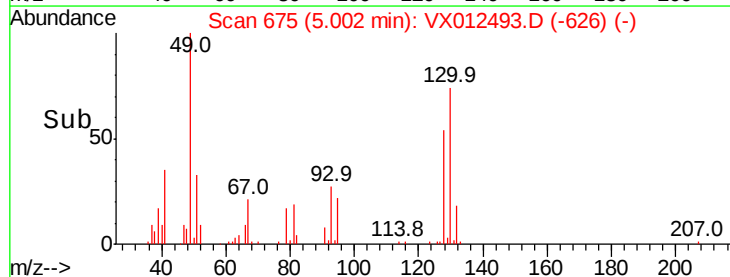
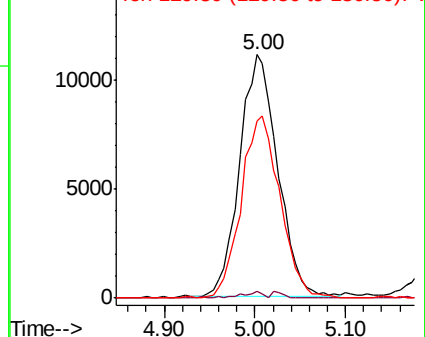
130 76.2 58.2 87.4

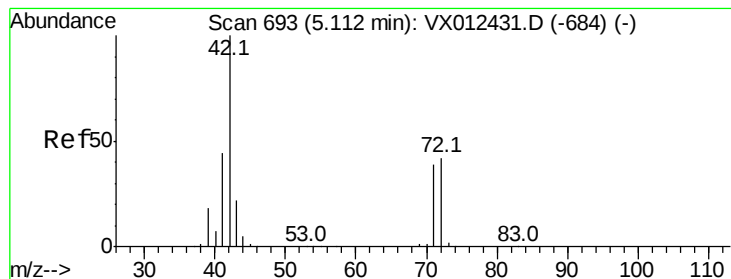


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 94.418 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.01 min

Lab File: VX012493.D

Acq: 18 Sep 2019 23:34

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBS02

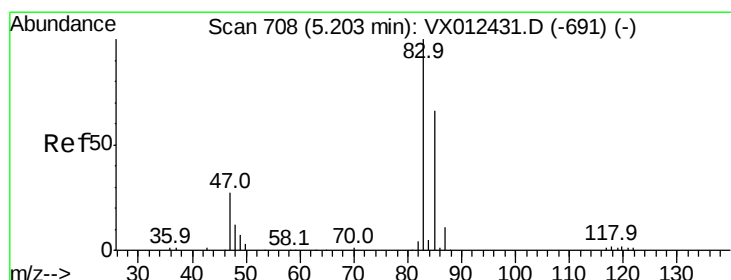
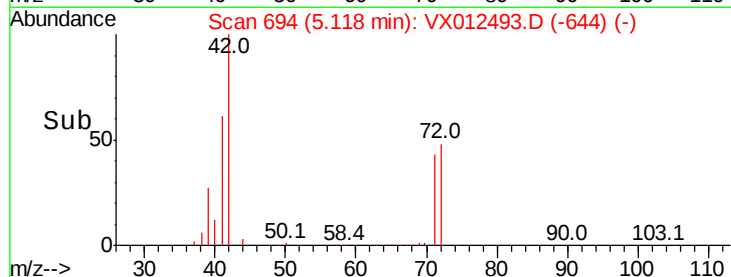
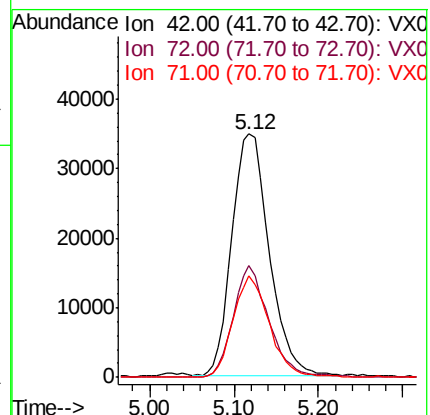
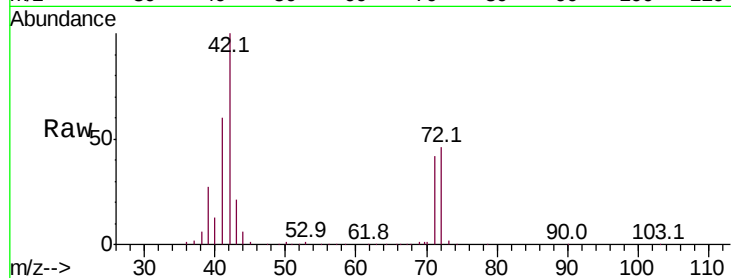
Tot Ion: 42 Resp: 104576

Ion Ratio Lower Upper

42 100

72 44.3 34.0 51.0

71 41.1 31.5 47.3



#30

Chloroform

Concen: 18.601 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX012493.D

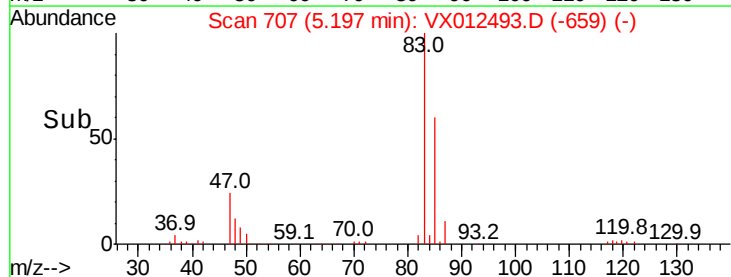
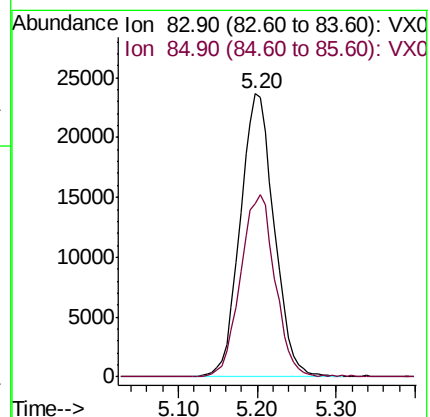
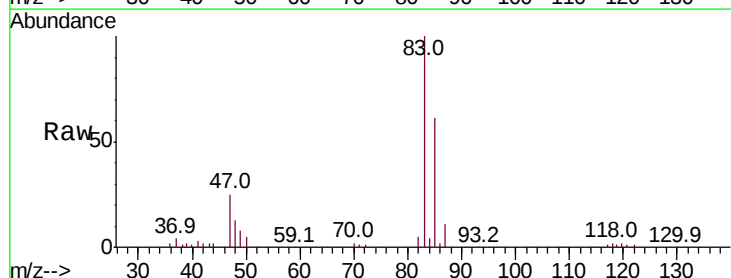
Acq: 18 Sep 2019 23:34

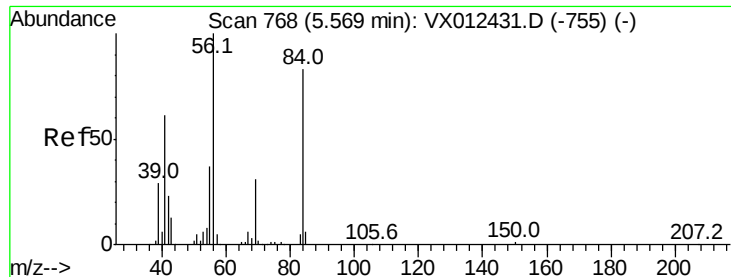
Tgt Ion: 83 Resp: 70642

Ion Ratio Lower Upper

83 100

85 61.2 53.0 79.4





#31

Cyclohexane

Concen: 19.399 ug/l

RT: 5.58 min Scan# 769

Delta R.T. 0.01 min

Lab File: VX012493.D

Acq: 18 Sep 2019 23:34

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBS02

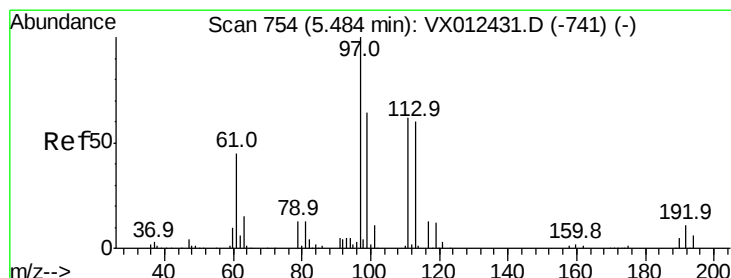
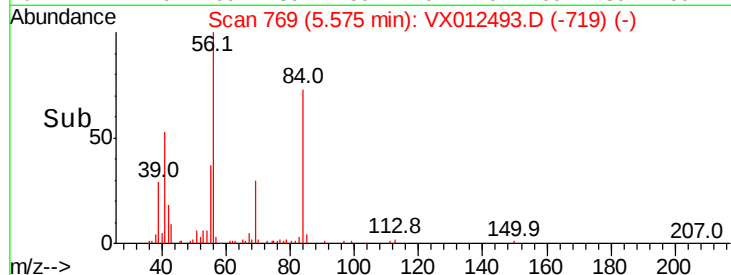
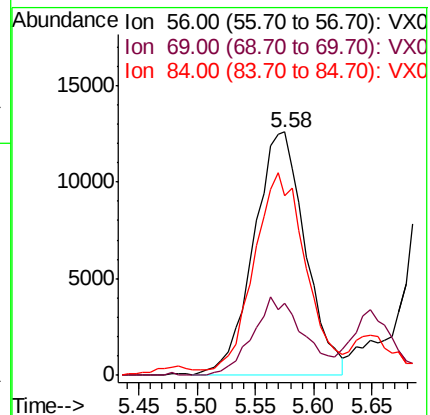
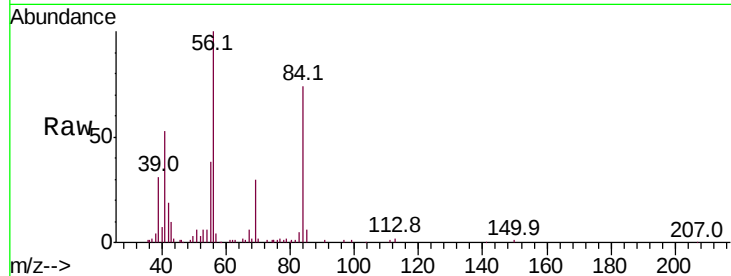
Tot Ion: 56 Resp: 38726

Ion Ratio Lower Upper

56 100

69 29.8 25.0 37.6

84 71.6 66.4 99.6



#32

1,1,1-Trichloroethane

Concen: 19.019 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX012493.D

Acq: 18 Sep 2019 23:34

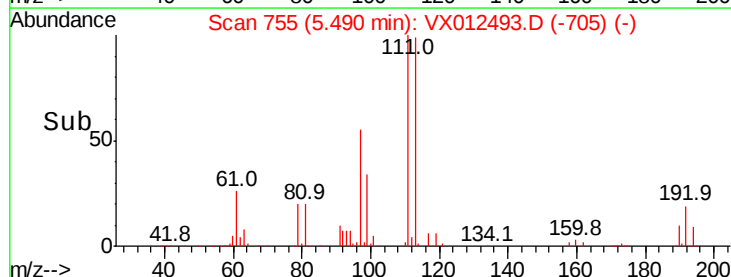
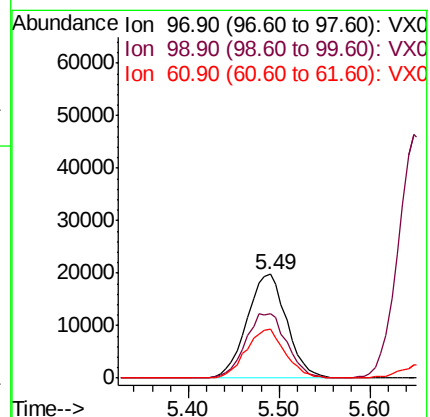
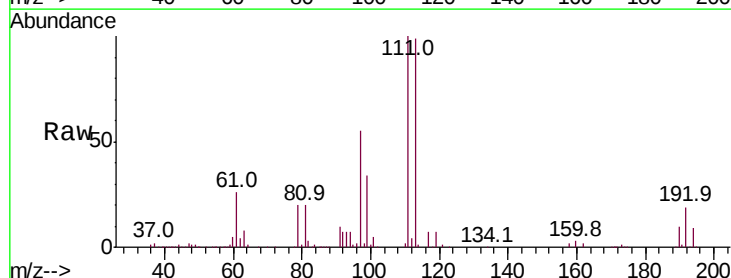
Tgt Ion: 97 Resp: 60371

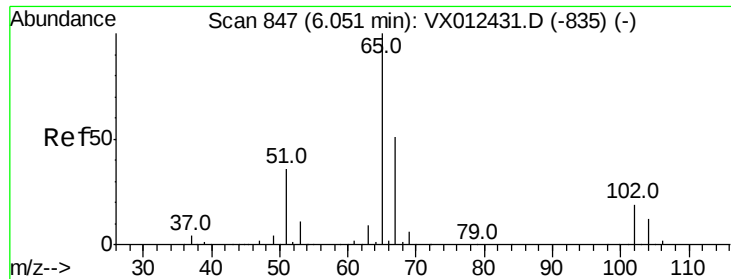
Ion Ratio Lower Upper

97 100

99 64.2 51.3 76.9

61 46.6 36.1 54.1

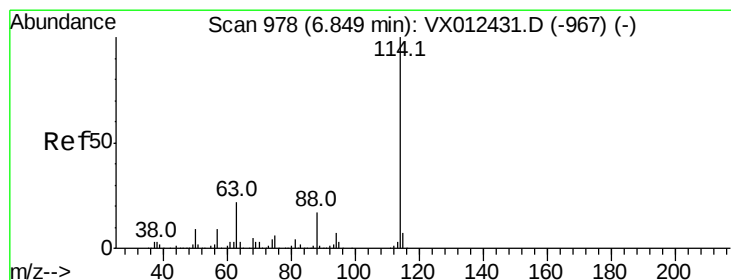
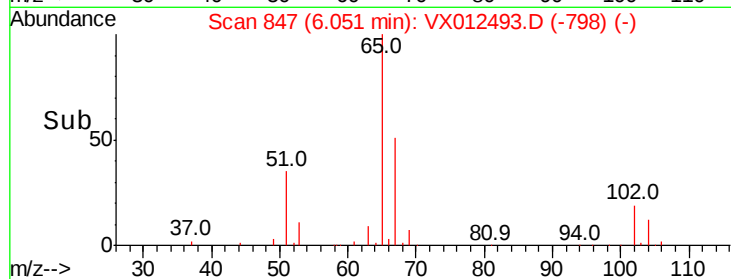
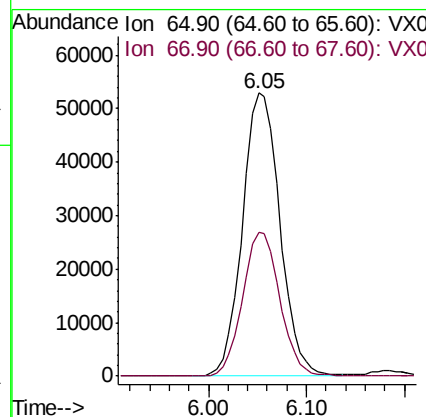
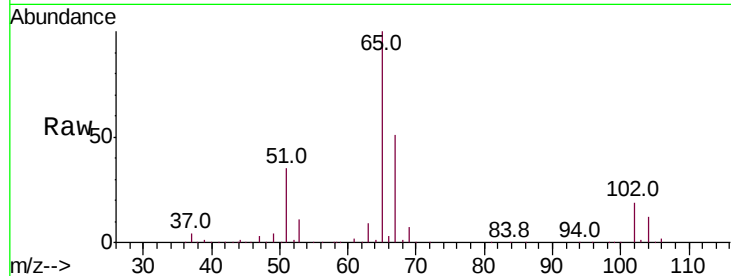




#33
 1,2-Dichloroethane-d4
 Concen: 48.624 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012493.D
 Acq: 18 Sep 2019 23:34

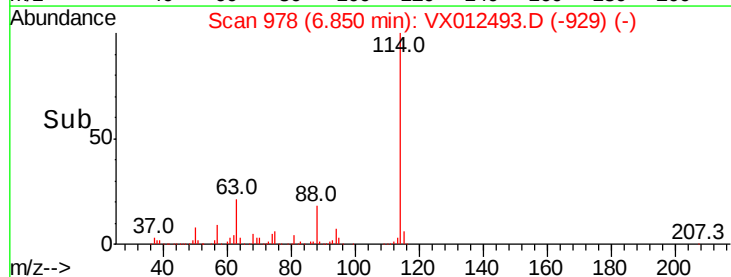
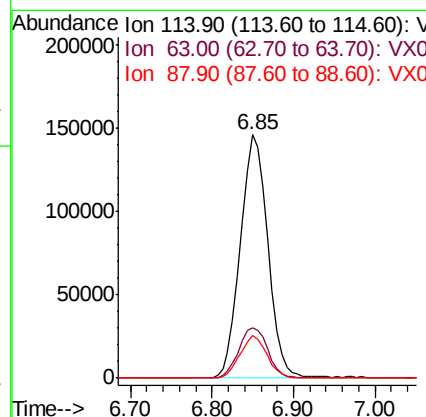
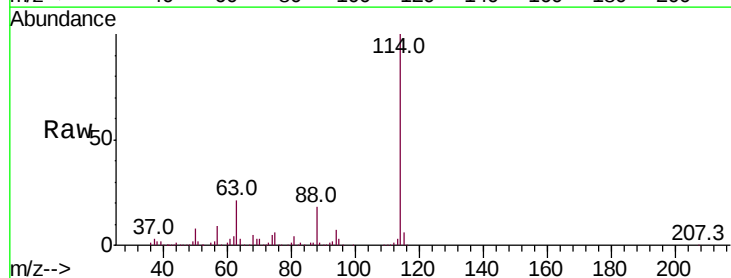
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBS02

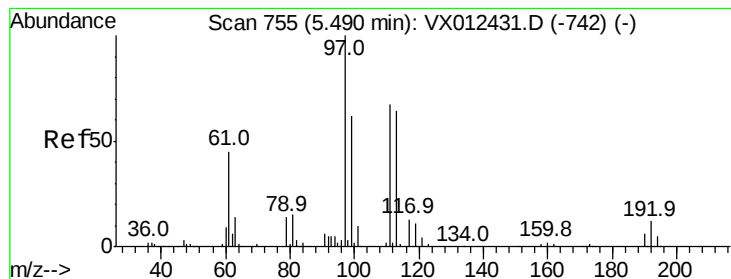
Tot Ion: 65 Resp: 140538
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012493.D
 Acq: 18 Sep 2019 23:34

Tgt Ion:114 Resp: 341825
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 43.2
 88 17.6 0.0 33.2





#35

Dibromofluoromethane

Concen: 49.390 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012493.D

Acq: 18 Sep 2019 23:34

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBS02

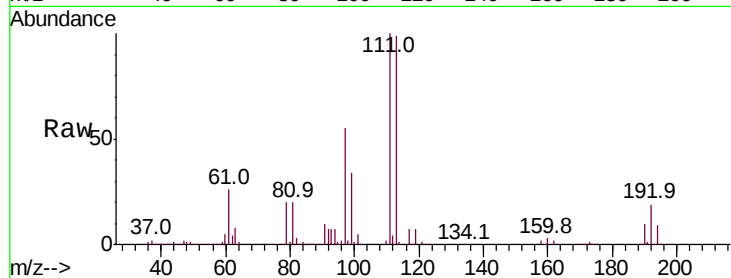
Tot Ion:113 Resp: 102184

Ion Ratio Lower Upper

113 100

111 101.8 83.4 125.2

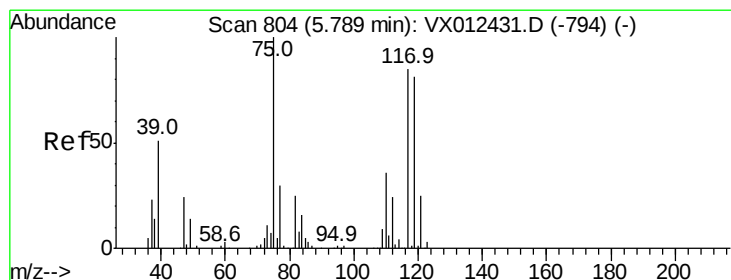
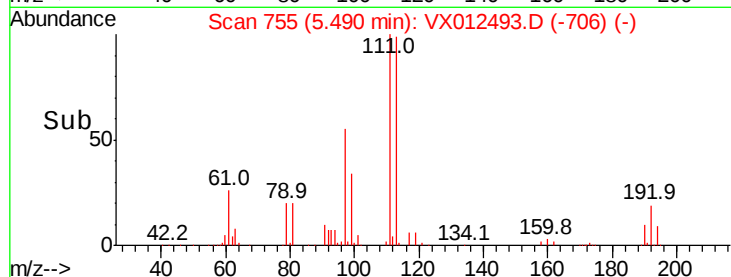
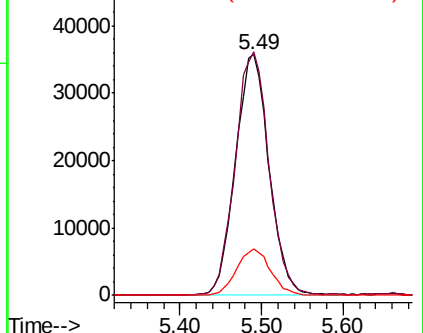
192 19.4 14.4 21.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.180 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX012493.D

Acq: 18 Sep 2019 23:34

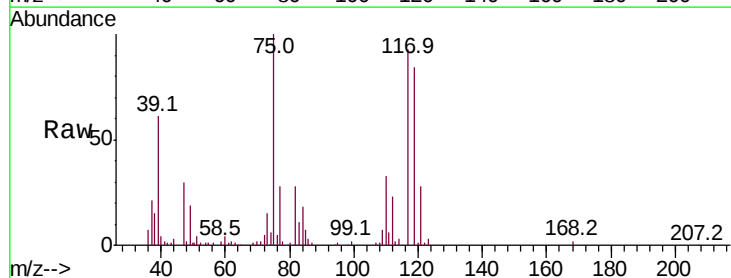
Tgt Ion: 75 Resp: 37769

Ion Ratio Lower Upper

75 100

110 35.6 16.7 50.0

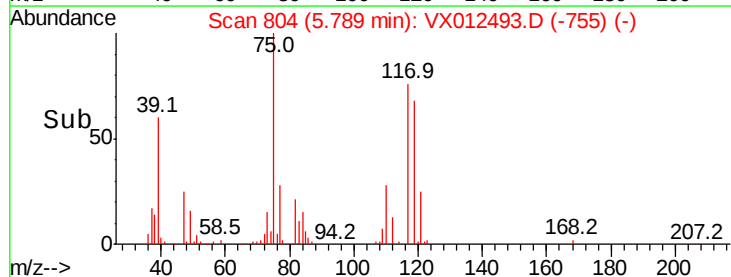
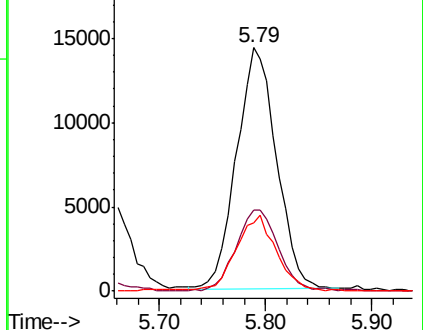
77 31.6 24.2 36.2

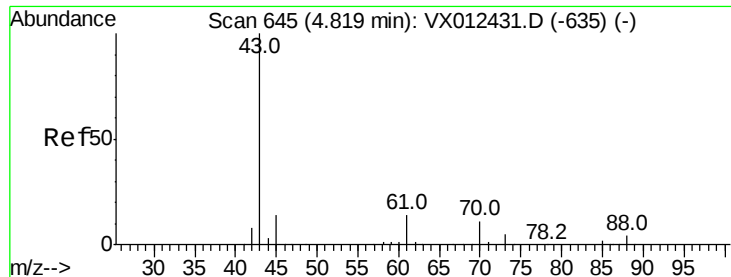


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

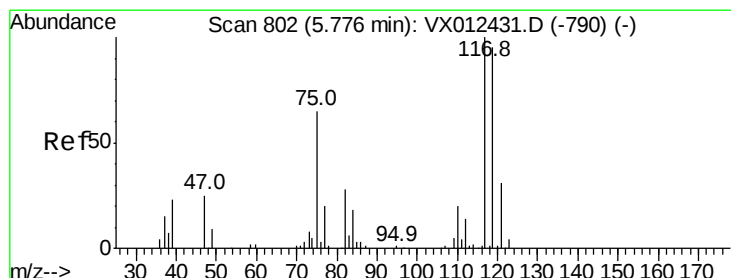
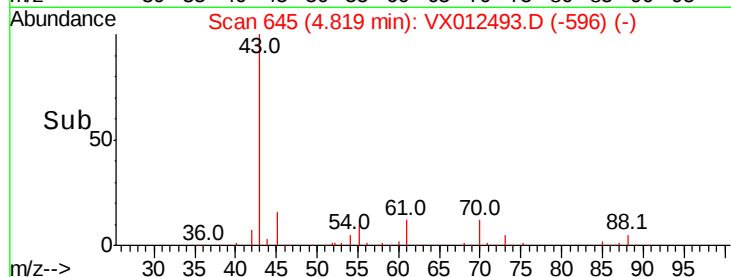
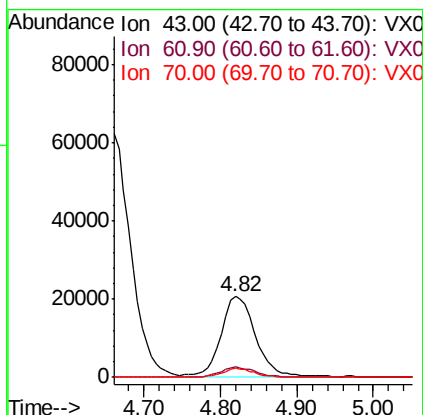
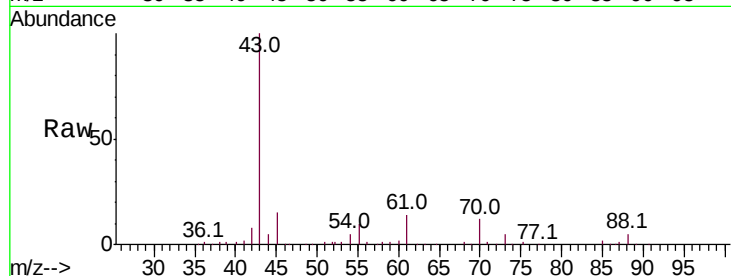




#37
Ethyl Acetate
Concen: 19.963 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX012493.D
Acq: 18 Sep 2019 23:34

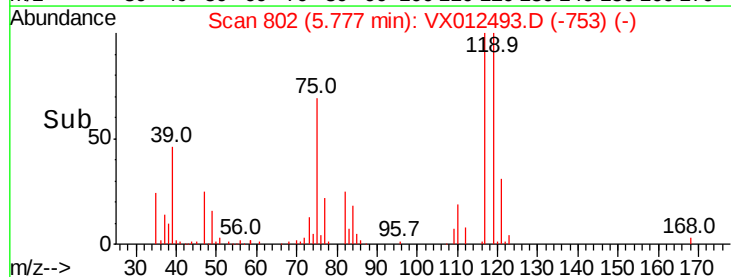
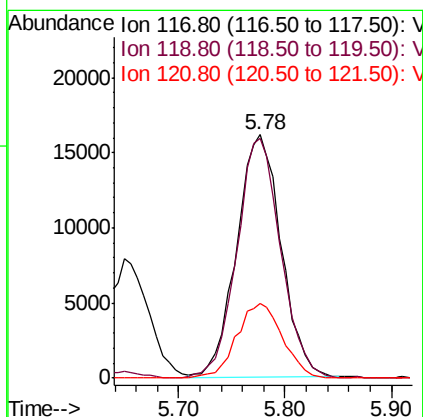
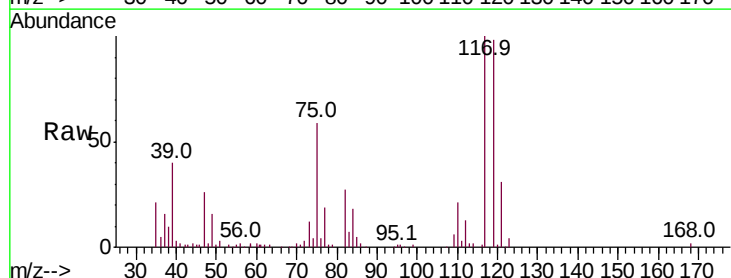
Instrument :
MSVOA_X
ClientSampleId :
VX0918WBS02

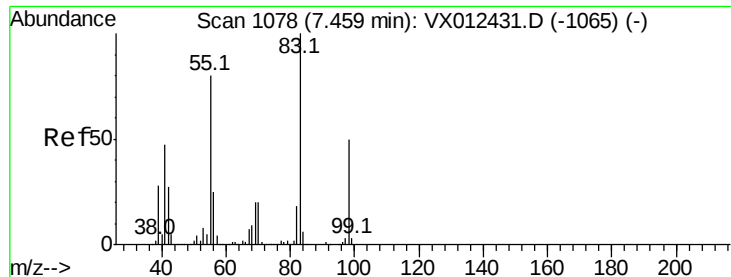
Tot Ion: 43 Resp: 63661
Ion Ratio Lower Upper
43 100
61 13.4 10.2 15.4
70 11.0 8.7 13.1



#38
Carbon Tetrachloride
Concen: 18.264 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX012493.D
Acq: 18 Sep 2019 23:34

Tgt Ion: 117 Resp: 47189
Ion Ratio Lower Upper
117 100
119 98.9 75.7 113.5
121 30.7 24.2 36.4

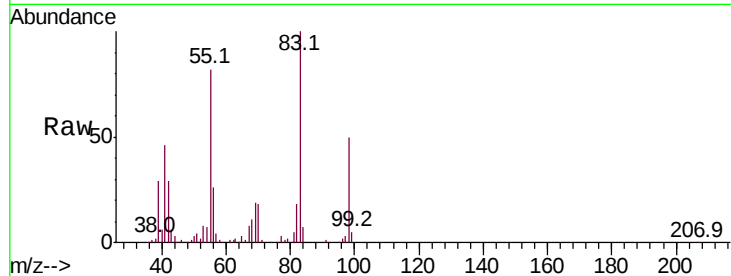




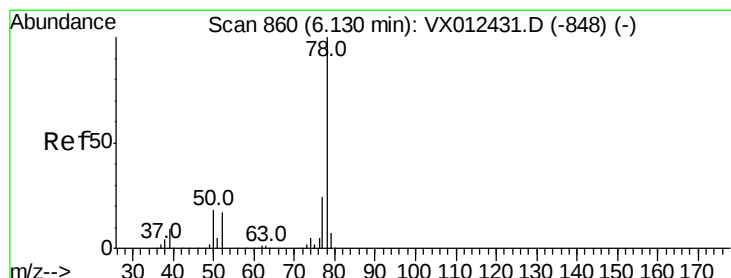
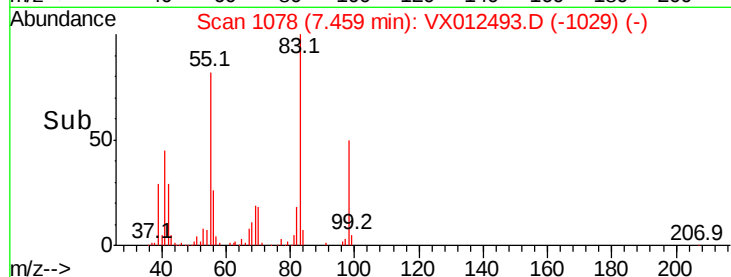
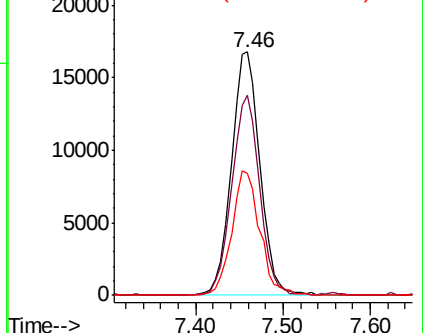
#39
Methvlcvclohexane
Concen: 18.835 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX012493.D
Acq: 18 Sep 2019 23:34

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBS02

Tot Ion: 83 Resp: 38038
Ion Ratio Lower Upper
83 100
55 82.3 64.4 96.6
98 49.9 40.1 60.1

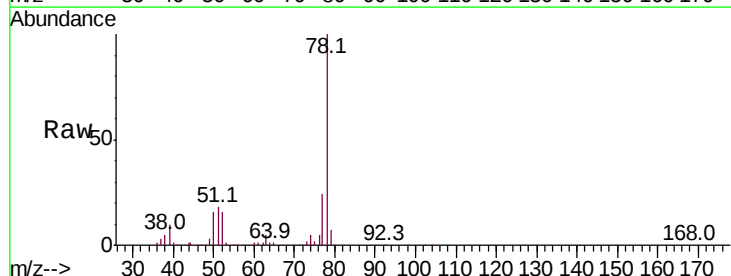


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

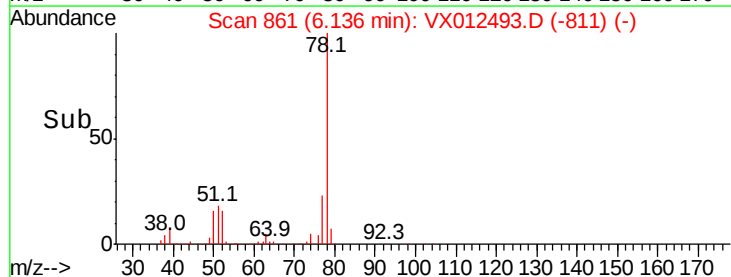
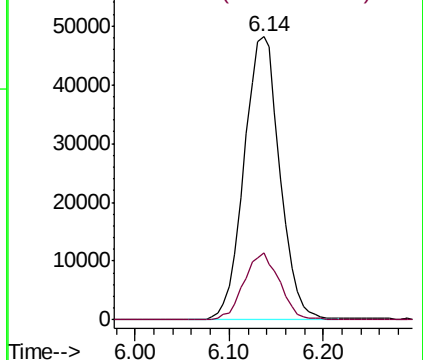


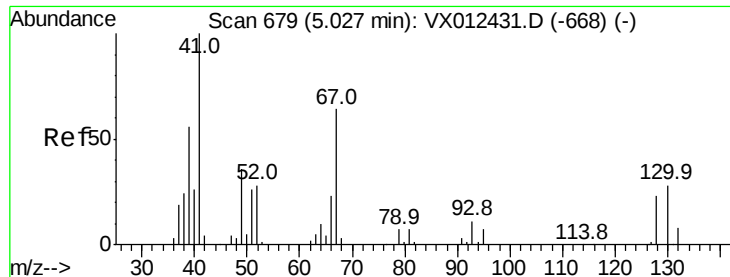
#40
Benzene
Concen: 19.426 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX012493.D
Acq: 18 Sep 2019 23:34

Tgt Ion: 78 Resp: 128331
Ion Ratio Lower Upper
78 100
77 23.8 19.2 28.8



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

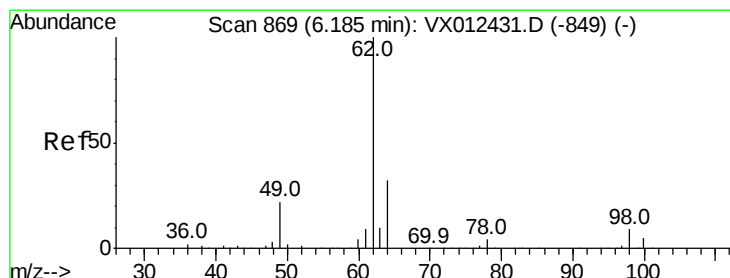
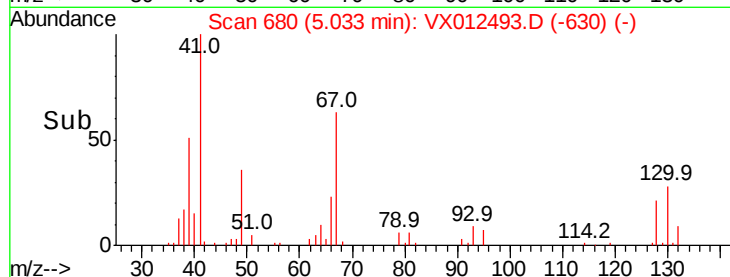
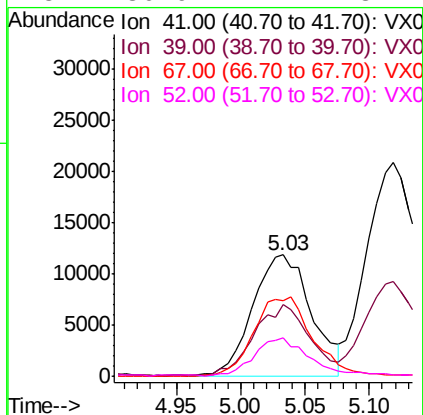
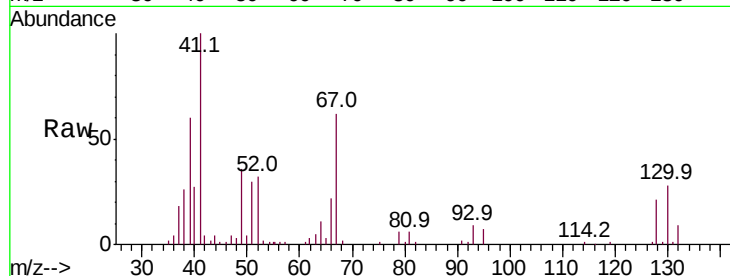




#41
Methacrylonitrile
Concen: 18.043 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX012493.D
Acq: 18 Sep 2019 23:34

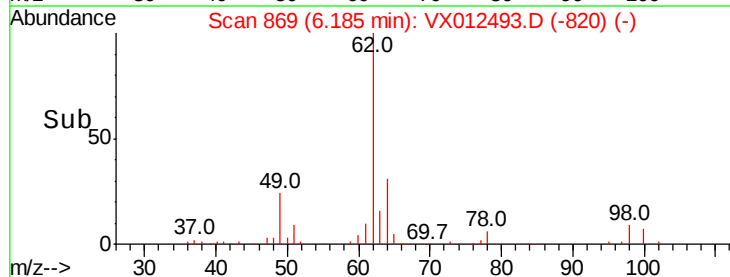
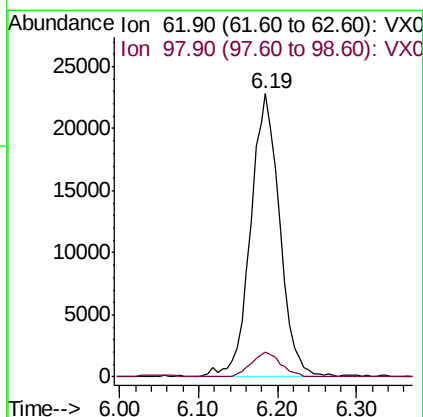
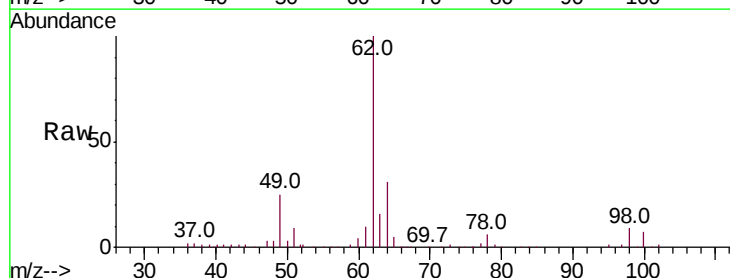
Instrument :
MSVOA_X
ClientSampleId :
VX0918WBS02

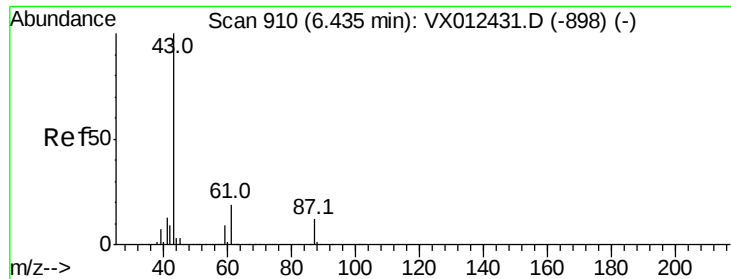
Tot Ion:	41	Resp:	37048
Ion	Ratio	Lower	Upper
41	100		
39	55.4	46.0	69.0
67	66.1	52.2	78.2
52	30.9	22.7	34.1



#42
1,2-Dichloroethane
Concen: 19.112 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX012493.D
Acq: 18 Sep 2019 23:34

Tgt Ion:	62	Resp:	58560
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.8





#43

Isopropyl Acetate

Concen: 18.144 ug/l

RT: 6.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX012493.D

Acq: 18 Sep 2019 23:34

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBS02

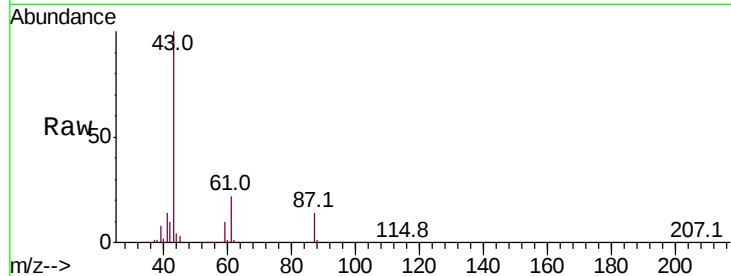
Tot Ion: 43 Resp: 103848

Ion Ratio Lower Upper

43 100

61 19.7 15.4 23.0

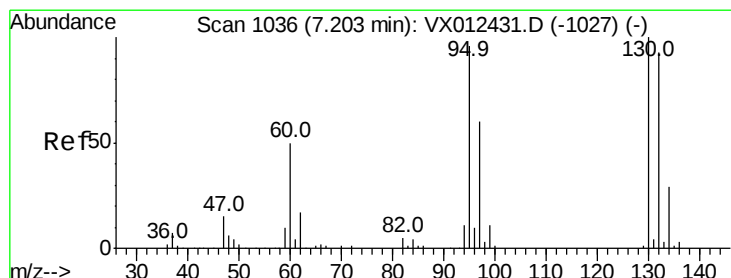
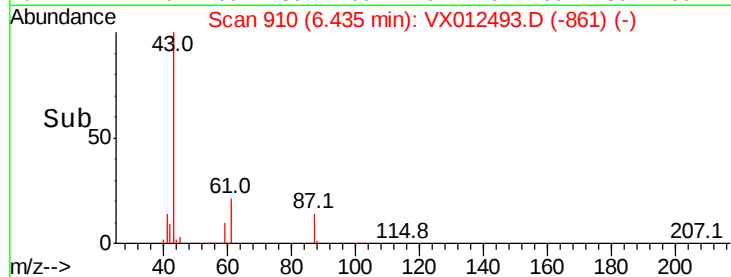
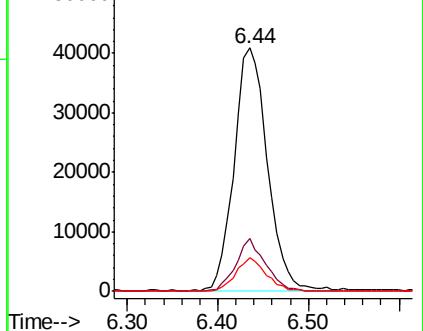
87 12.7 9.8 14.8



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: 19.972 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX012493.D

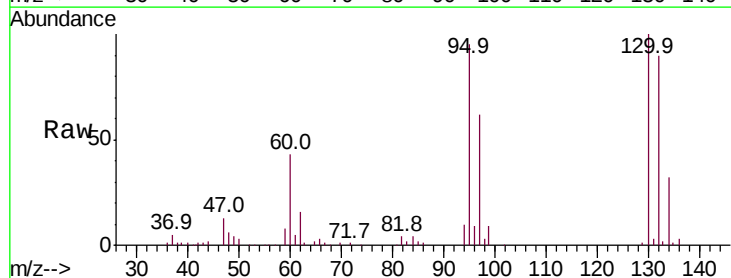
Acq: 18 Sep 2019 23:34

Tgt Ion:130 Resp: 34707

Ion Ratio Lower Upper

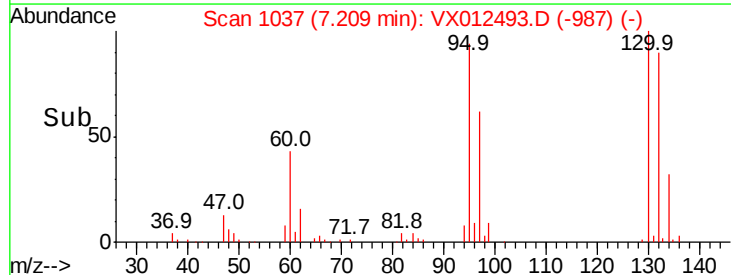
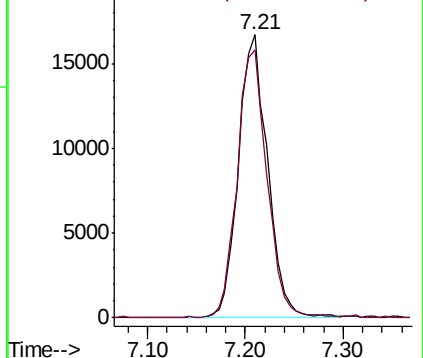
130 100

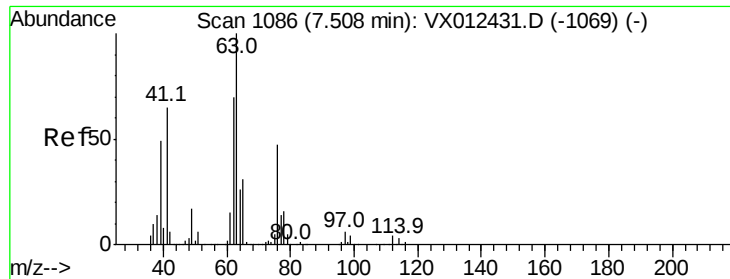
95 94.0 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 18.835 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX012493.D

Acq: 18 Sep 2019 23:34

Instrument :

MSVOA_X

ClientSampleId :

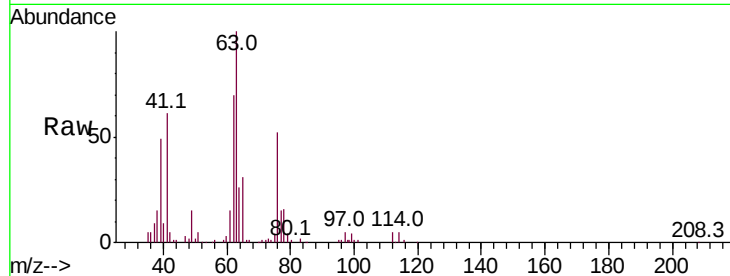
VX0918WBS02

Tot Ion: 63 Resp: 38227

Ion Ratio Lower Upper

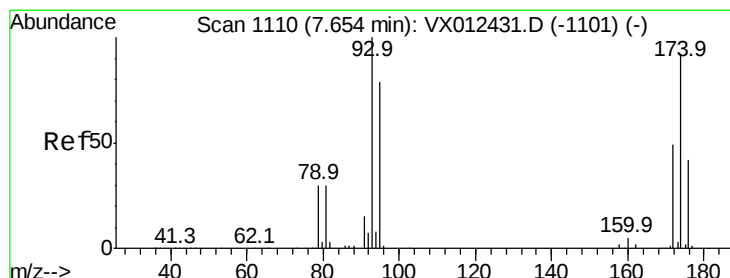
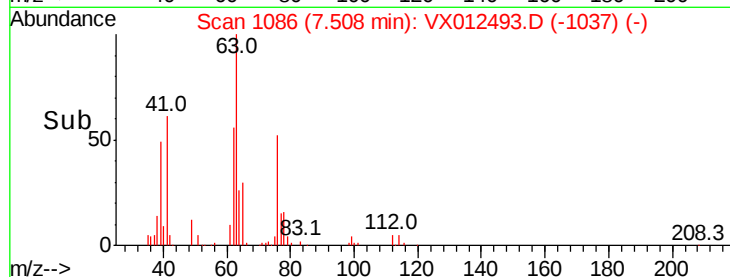
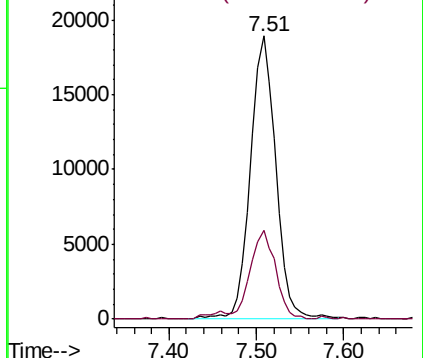
63 100

65 30.8 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: 19.032 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX012493.D

Acq: 18 Sep 2019 23:34

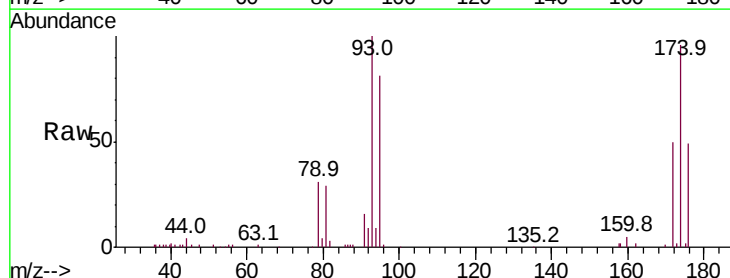
Tgt Ion: 93 Resp: 24997

Ion Ratio Lower Upper

93 100

95 81.8 66.6 100.0

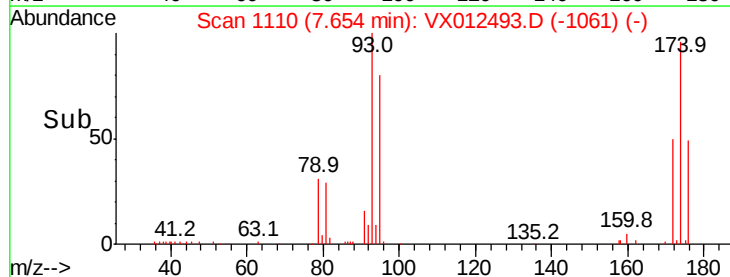
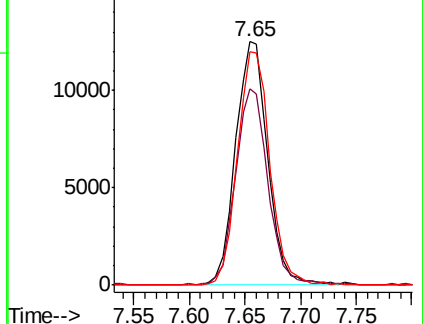
174 96.8 77.4 116.0

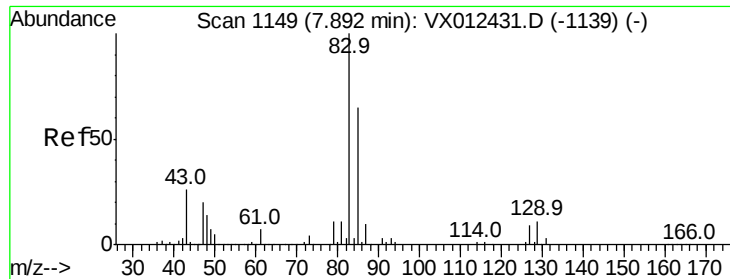


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.588 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012493.D

Acq: 18 Sep 2019 23:34

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBS02

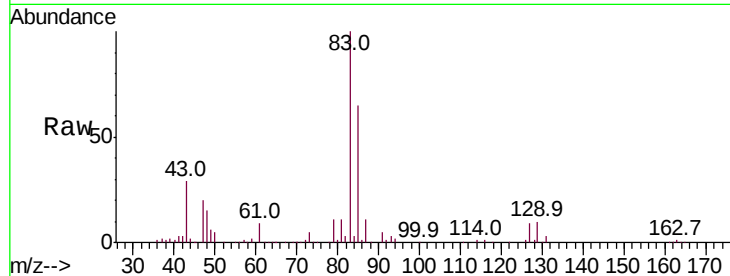
Tot Ion: 83 Resp: 54360

Ion Ratio Lower Upper

83 100

85 64.7 51.8 77.6

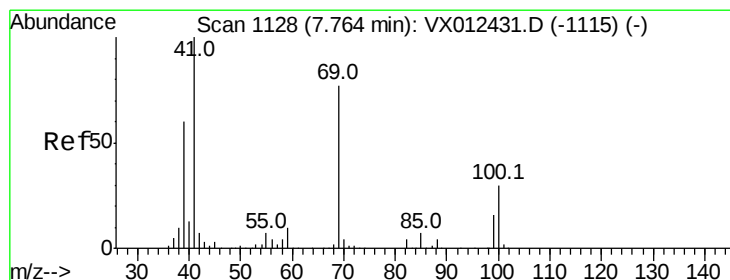
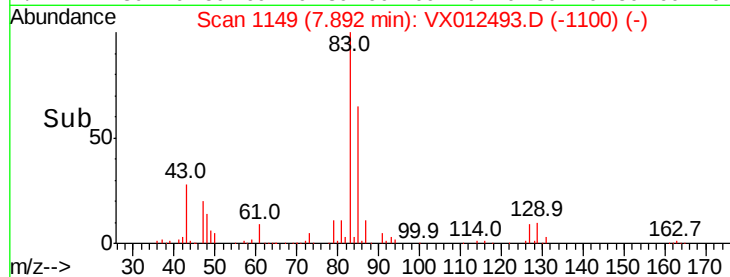
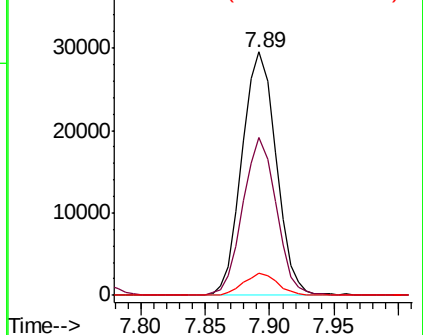
127 9.0 7.3 10.9



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: 18.284 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX012493.D

Acq: 18 Sep 2019 23:34

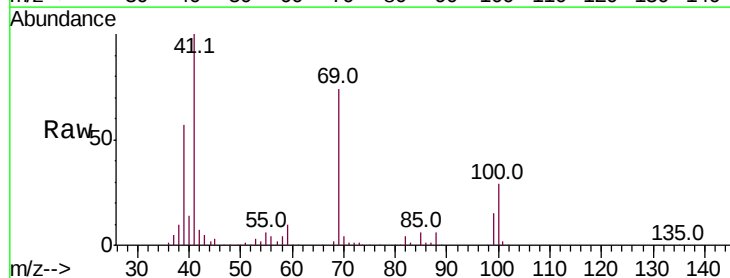
Tgt Ion: 41 Resp: 49329

Ion Ratio Lower Upper

41 100

69 76.4 59.9 89.9

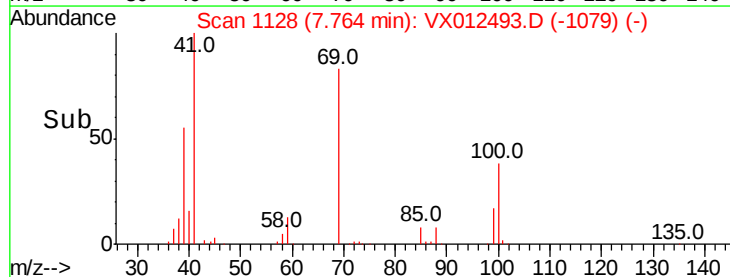
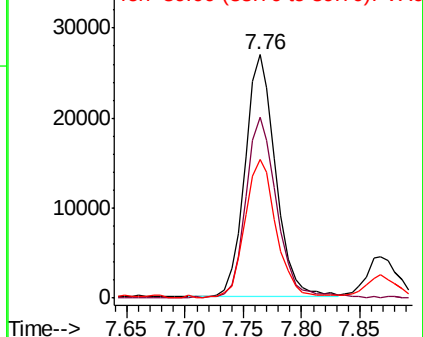
39 58.0 47.8 71.6

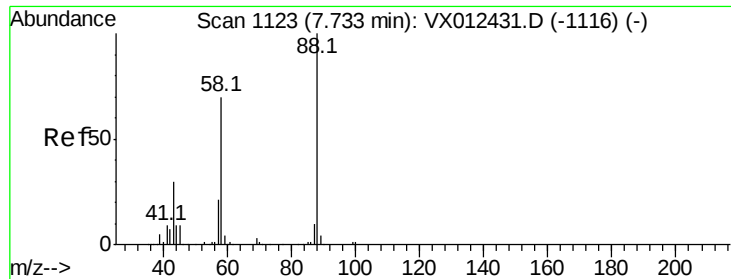


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

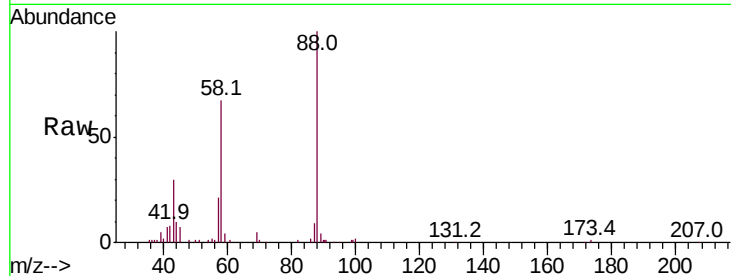




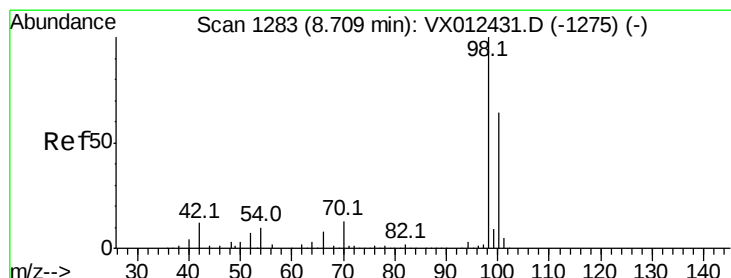
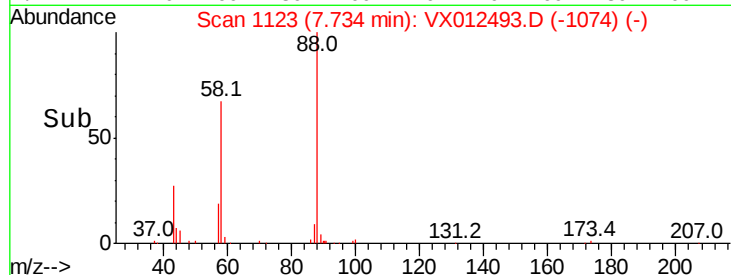
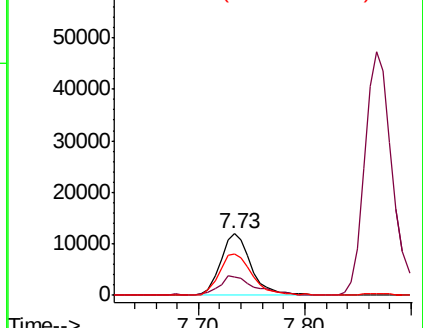
#49
1,4-Dioxane
Concen: 366.075 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX012493.D
Acq: 18 Sep 2019 23:34

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBS02

Tot Ion: 88 Resp: 24038
Ion Ratio Lower Upper
88 100
43 34.2 29.4 44.0
58 73.0 57.5 86.3

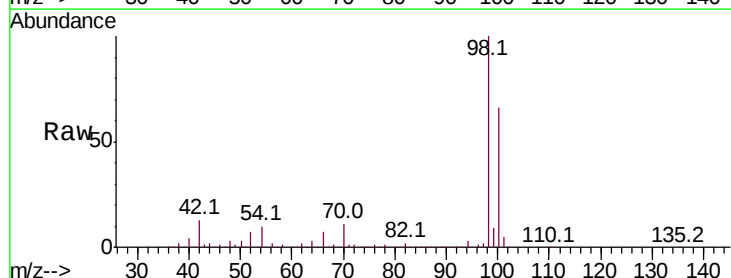


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

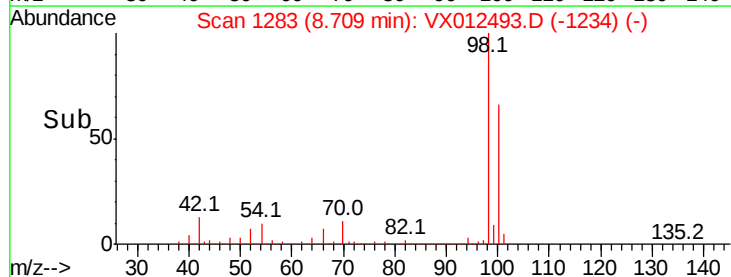
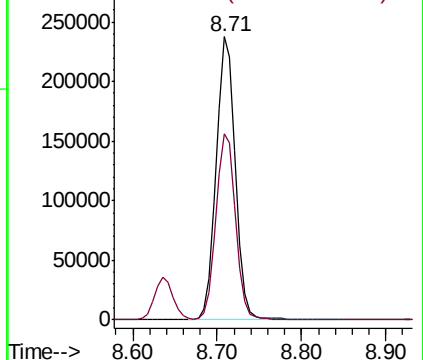


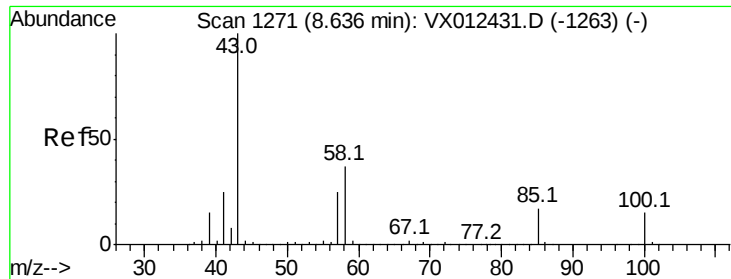
#50
Toluene-d8
Concen: 49.106 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012493.D
Acq: 18 Sep 2019 23:34

Tgt Ion: 98 Resp: 376056
Ion Ratio Lower Upper
98 100
100 67.3 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 92.459 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012493.D

Acq: 18 Sep 2019 23:34

Instrument :

MSVOA_X

ClientSampled :

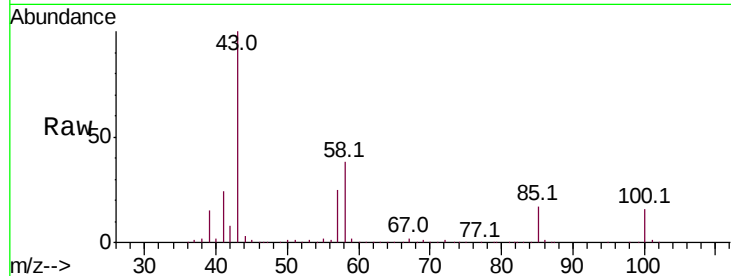
VX0918WBS02

Tot Ion: 43 Resp: 347036

Ion Ratio Lower Upper

43 100

58 37.7 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

250000

200000

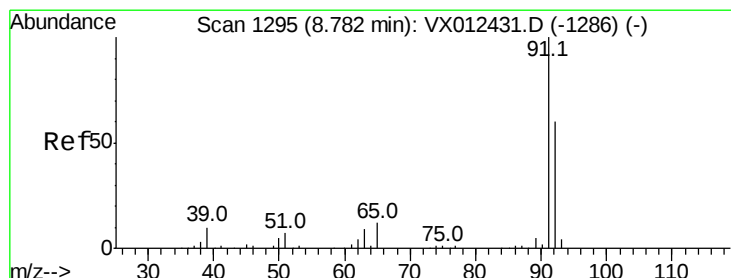
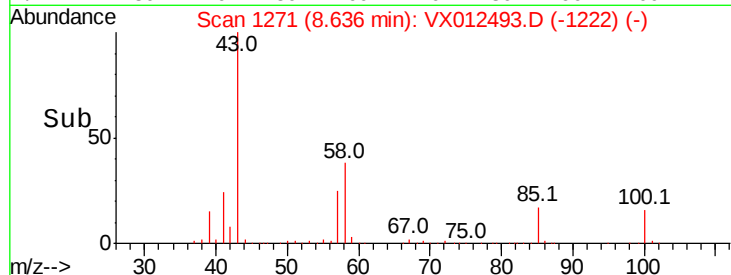
150000

100000

50000

0

Time--> 8.50 8.55 8.60 8.65 8.70



#52

Toluene

Concen: 19.241 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX012493.D

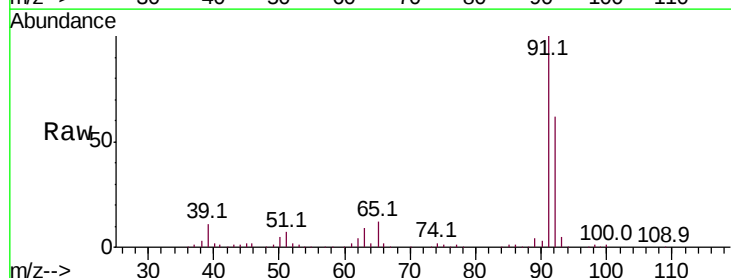
Acq: 18 Sep 2019 23:34

Tgt Ion: 92 Resp: 81904

Ion Ratio Lower Upper

92 100

91 168.8 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

100000

80000

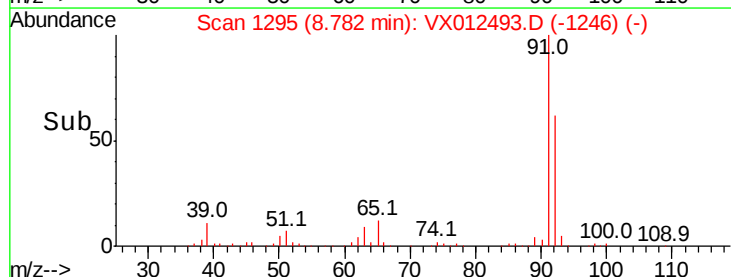
60000

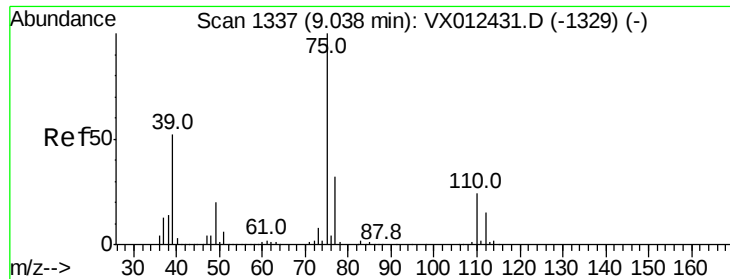
40000

20000

0

Time--> 8.70 8.75 8.80 8.85





#53

t-1,3-Dichloropropene

Concen: 17.535 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX012493.D

Acq: 18 Sep 2019 23:34

Instrument :

MSVOA_X

ClientSampleId :

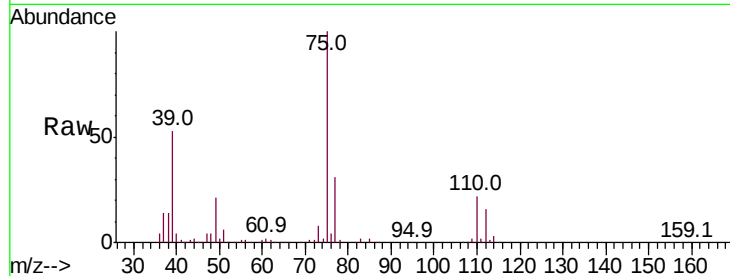
VX0918WBS02

Tot Ion: 75 Resp: 53305

Ion Ratio Lower Upper

75 100

77 30.6 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

40000

30000

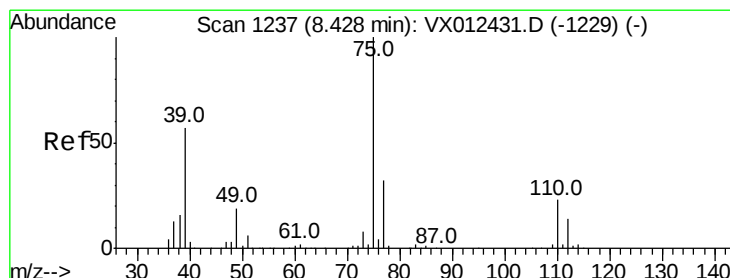
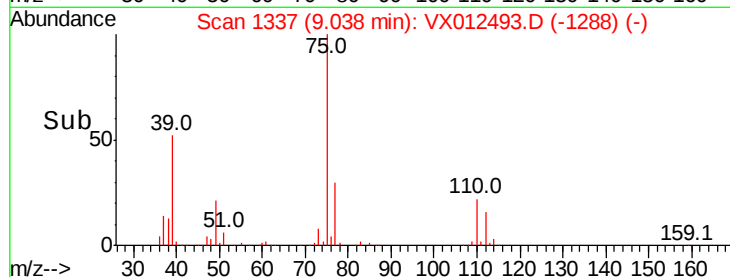
20000

10000

0

8.95 9.00 9.05 9.10 9.15

Time-->



#54

cis-1,3-Dichloropropene

Concen: 18.421 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX012493.D

Acq: 18 Sep 2019 23:34

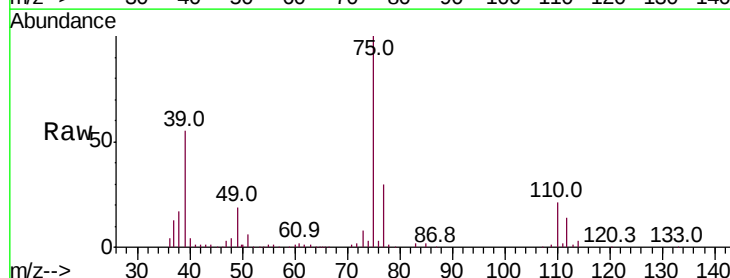
Tgt Ion: 75 Resp: 57972

Ion Ratio Lower Upper

75 100

77 29.9 25.8 38.8

39 54.5 45.5 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.43

40000

30000

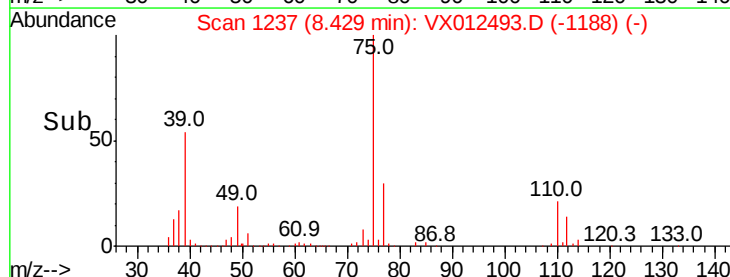
20000

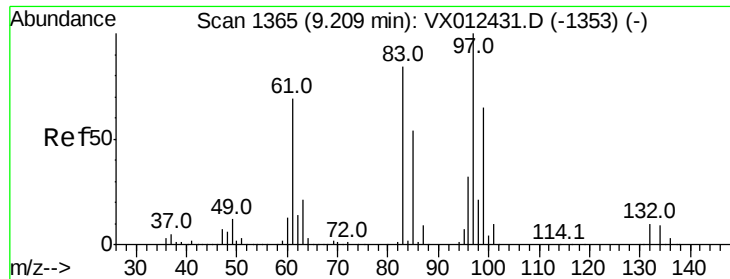
10000

0

8.40 8.50

Time-->

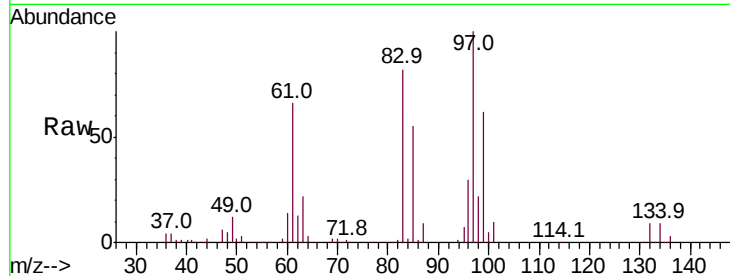




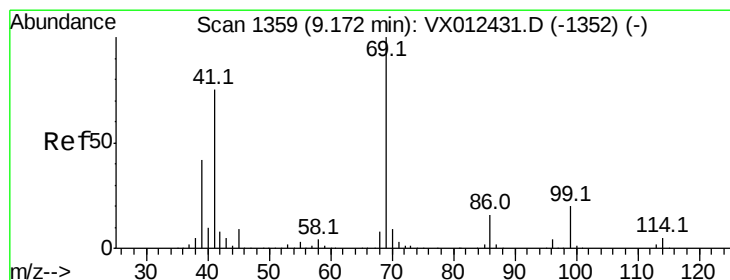
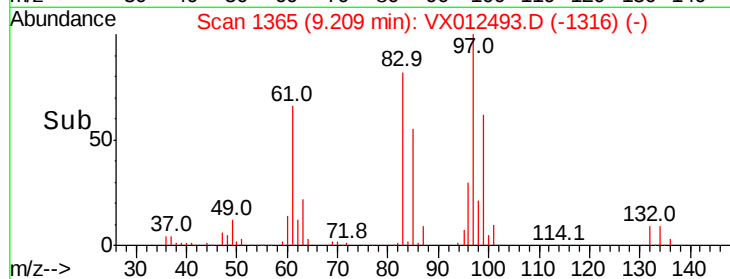
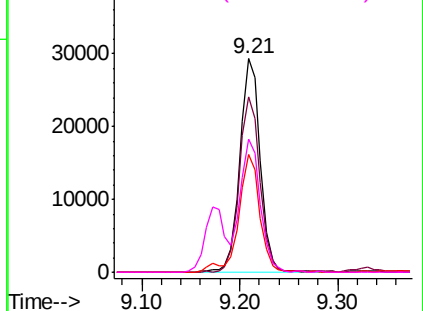
#55
 1,1,2-Trichloroethane
 Concen: 19.391 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012493.D
 Acq: 18 Sep 2019 23:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBS02

Tot Ion: 97 Resp: 42527
 Ion Ratio Lower Upper
 97 100
 83 81.9 67.4 101.2
 85 54.9 43.5 65.3
 99 62.1 51.8 77.8

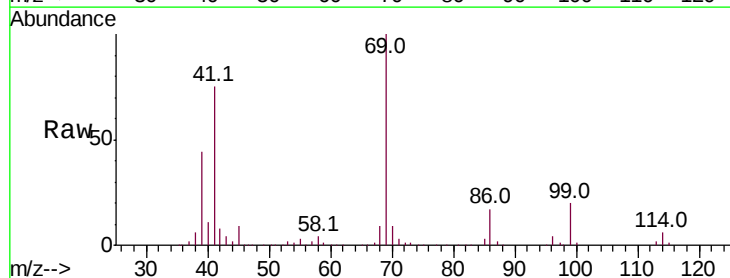


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

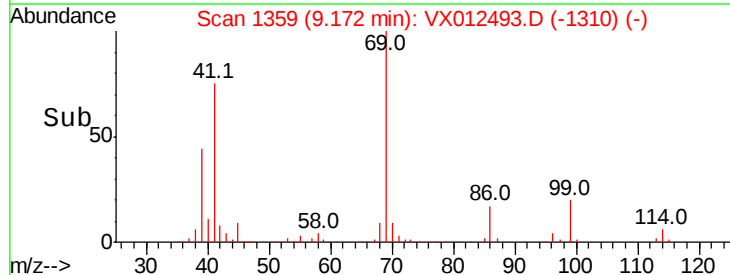
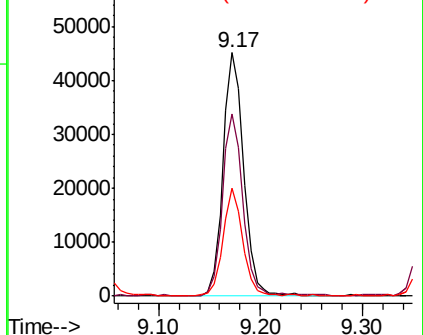


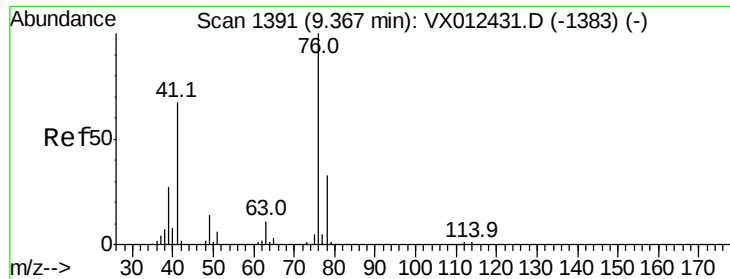
#56
 Ethyl methacrylate
 Concen: 18.632 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012493.D
 Acq: 18 Sep 2019 23:34

Tgt Ion: 69 Resp: 63888
 Ion Ratio Lower Upper
 69 100
 41 72.7 58.4 87.6
 39 41.2 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: 19.139 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX012493.D

Acq: 18 Sep 2019 23:34

Instrument :

MSVOA_X

ClientSampleId :

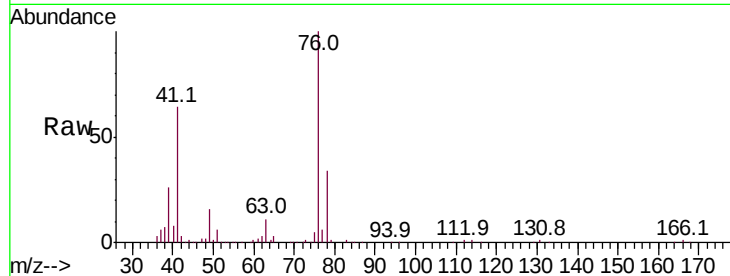
VX0918WBS02

Tot Ion: 76 Resp: 66968

Ion Ratio Lower Upper

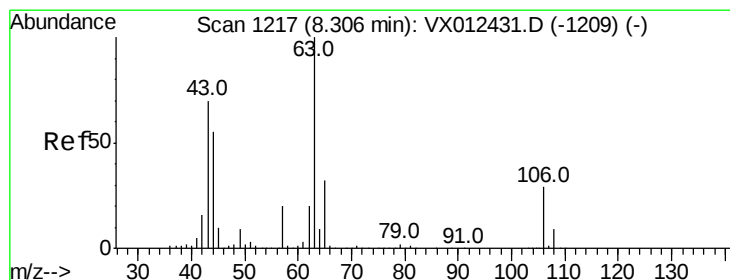
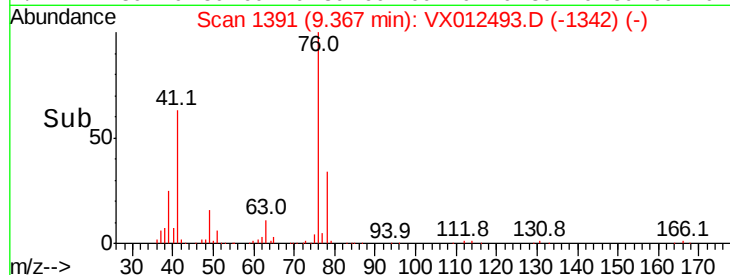
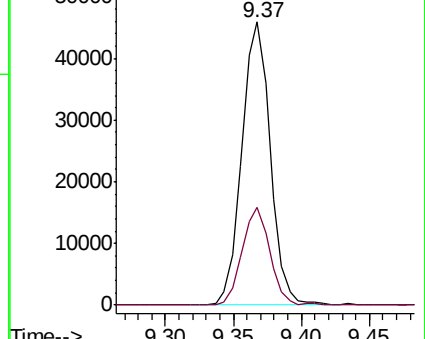
76 100

78 34.1 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: 97.998 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX012493.D

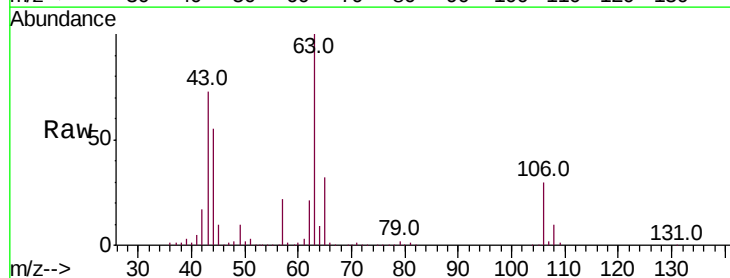
Acq: 18 Sep 2019 23:34

Tgt Ion: 63 Resp: 173939

Ion Ratio Lower Upper

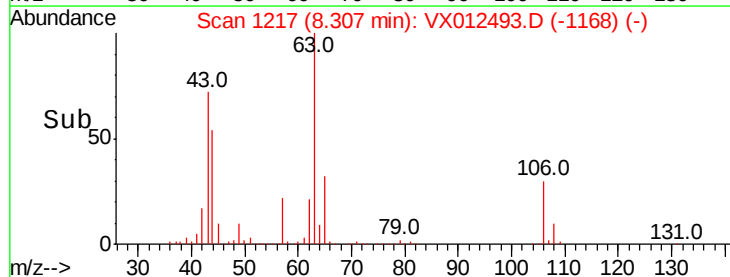
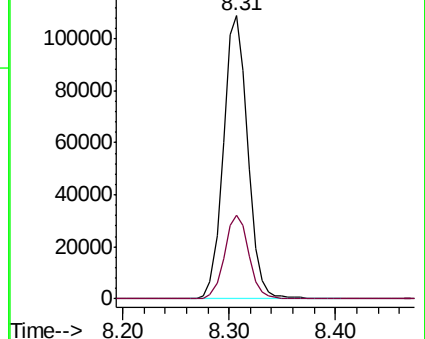
63 100

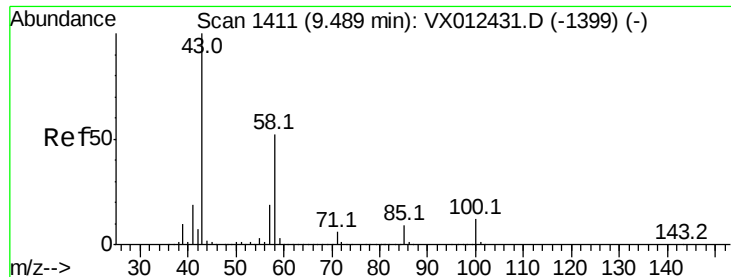
106 29.6 23.8 35.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

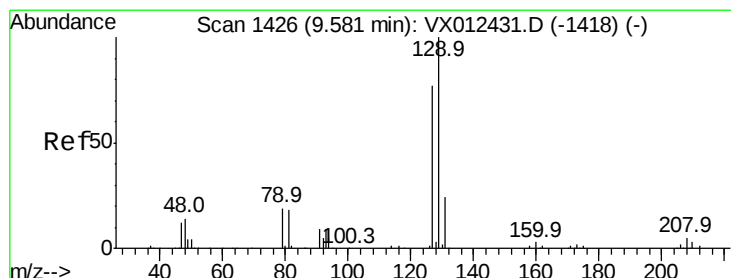
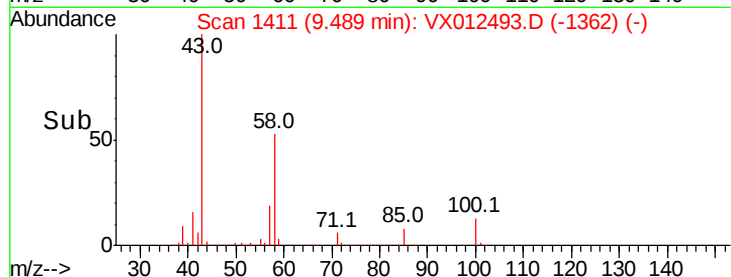
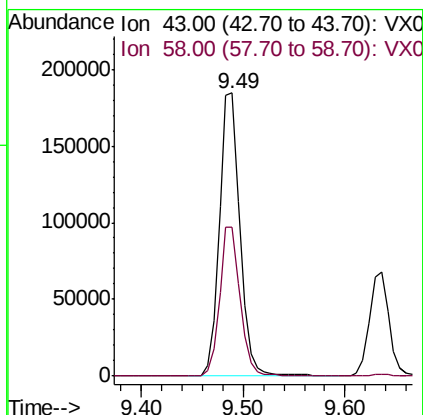
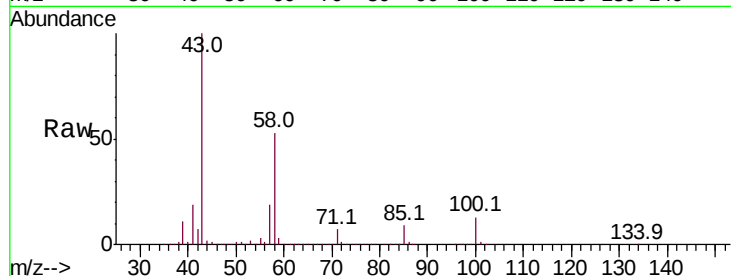




#59
2-Hexanone
Concen: 89.098 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX012493.D
Acq: 18 Sep 2019 23:34

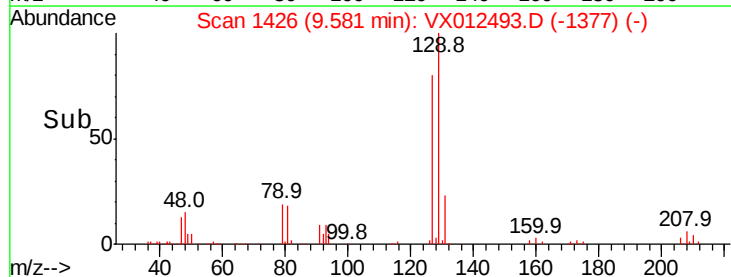
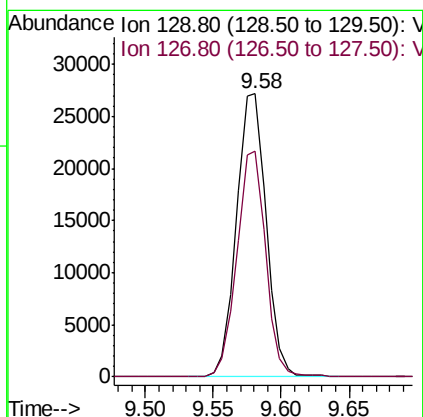
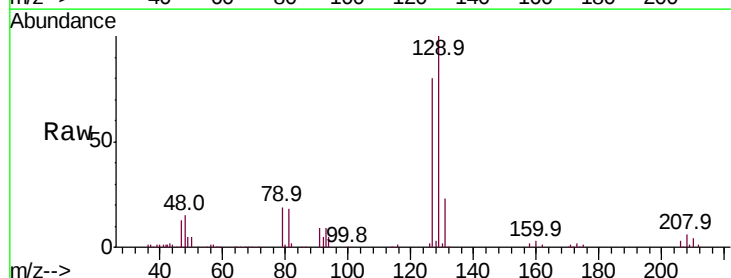
Instrument :
MSVOA_X
ClientSampleId :
VX0918WBS02

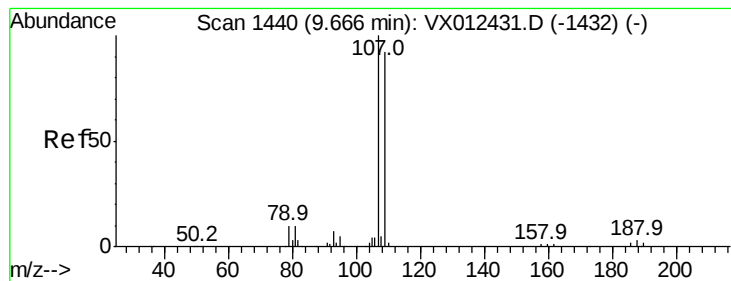
Tot Ion: 43 Resp: 260903
Ion Ratio Lower Upper
43 100
58 52.4 25.7 77.1



#60
Dibromochloromethane
Concen: 18.510 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX012493.D
Acq: 18 Sep 2019 23:34

Tgt Ion: 129 Resp: 41350
Ion Ratio Lower Upper
129 100
127 77.3 38.9 116.6





#61

1,2-Dibromoethane

Concen: 19.939 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012493.D

Acq: 18 Sep 2019 23:34

Instrument :

MSVOA_X

ClientSampleId :

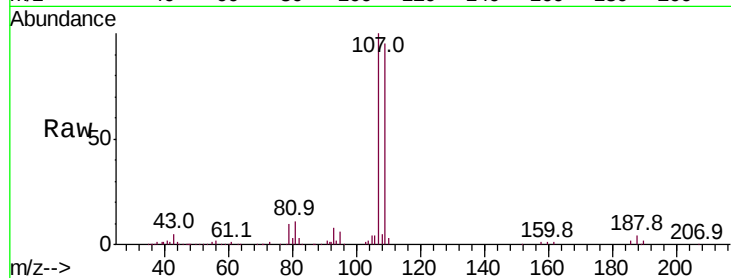
VX0918WBS02

Tot Ion:107 Resp: 39937

Ion Ratio Lower Upper

107 100

109 92.7 74.7 112.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

30000

25000

20000

15000

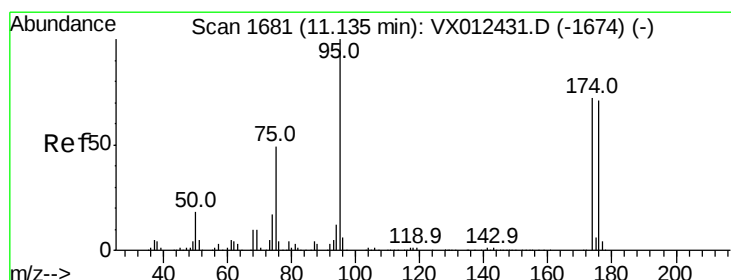
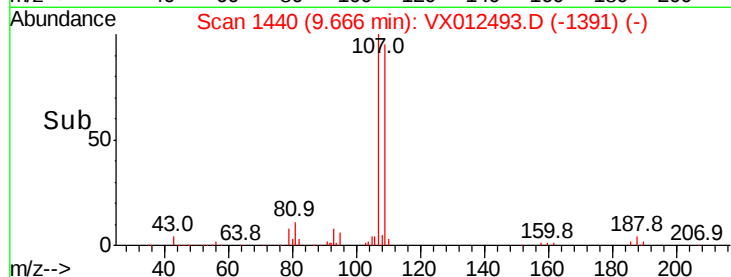
10000

5000

0

Time-->

9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 47.079 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012493.D

Acq: 18 Sep 2019 23:34

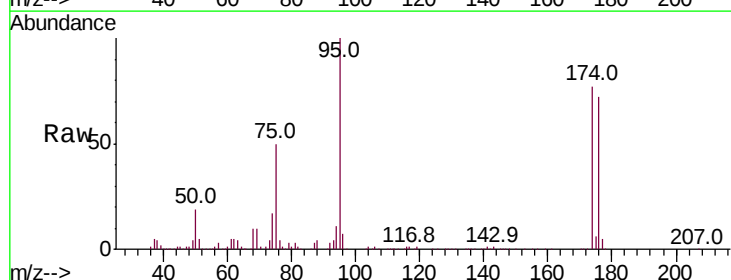
Tgt Ion: 95 Resp: 149696

Ion Ratio Lower Upper

95 100

174 73.5 0.0 140.0

176 70.6 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

150000

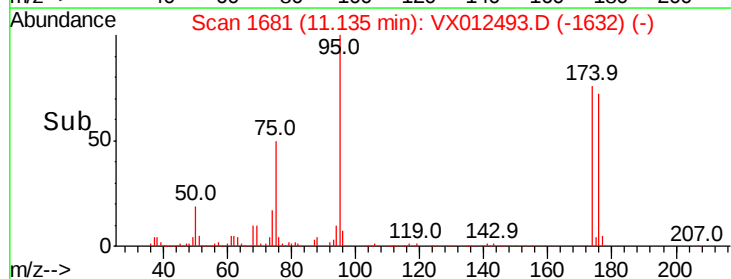
100000

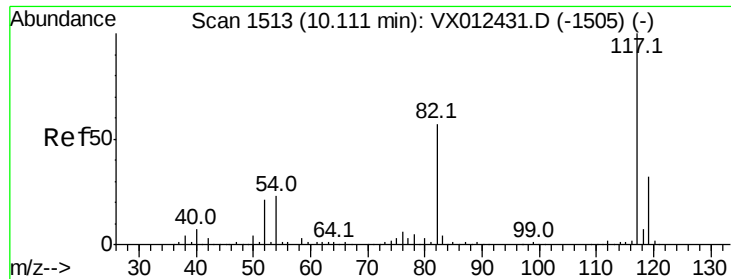
50000

0

Time-->

11.10 11.20

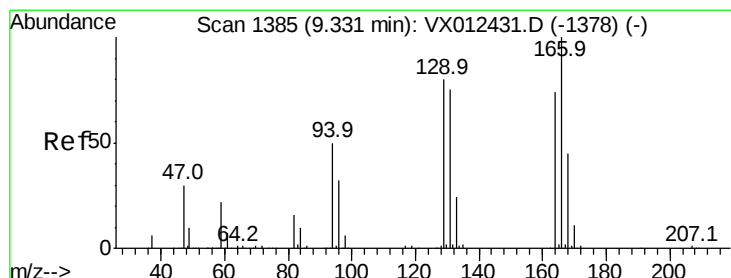
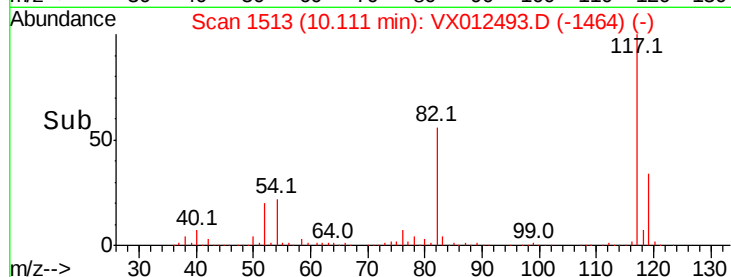
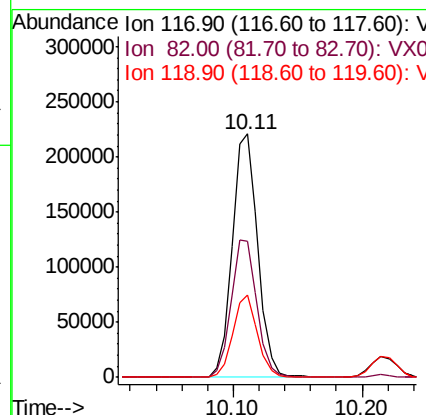
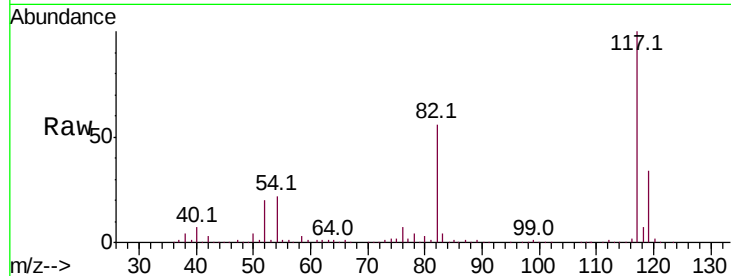




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012493.D
Acq: 18 Sep 2019 23:34

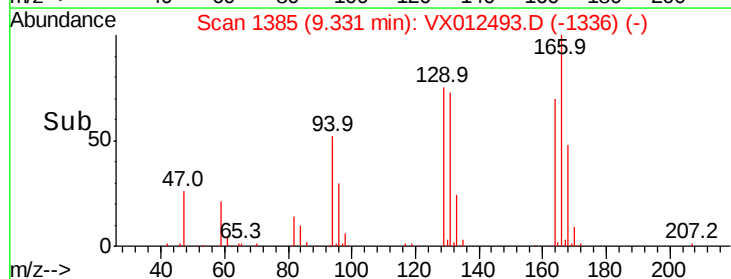
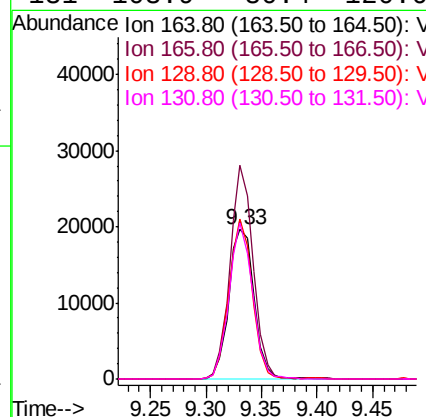
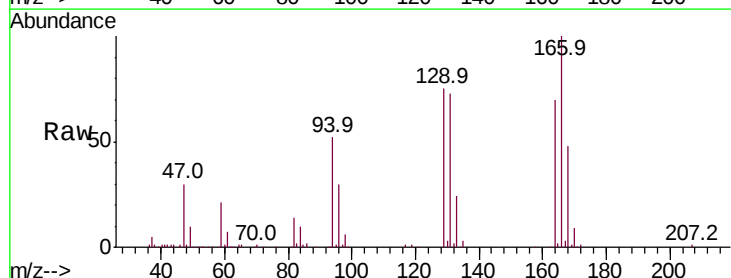
Instrument :
MSVOA_X
ClientSampleId :
VX0918WBS02

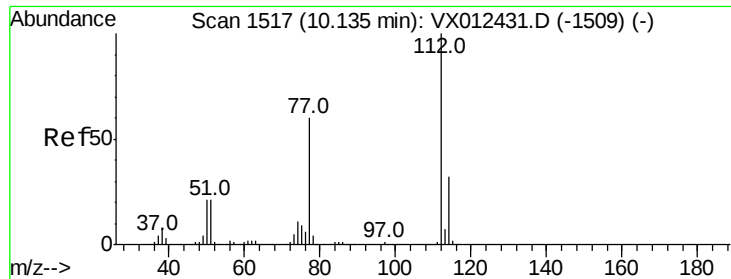
Tot Ion:117 Resp: 306723
Ion Ratio Lower Upper
117 100
82 55.8 45.9 68.9
119 33.7 25.3 37.9



#64
Tetrachloroethene
Concen: 21.930 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012493.D
Acq: 18 Sep 2019 23:34

Tgt Ion:164 Resp: 30823
Ion Ratio Lower Upper
164 100
166 142.7 107.8 161.6
129 107.2 86.2 129.2
131 103.9 80.4 120.6





#65

Chlorobenzene

Concen: 19.123 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX012493.D

Acq: 18 Sep 2019 23:34

Instrument :

MSVOA_X

ClientSampleId :

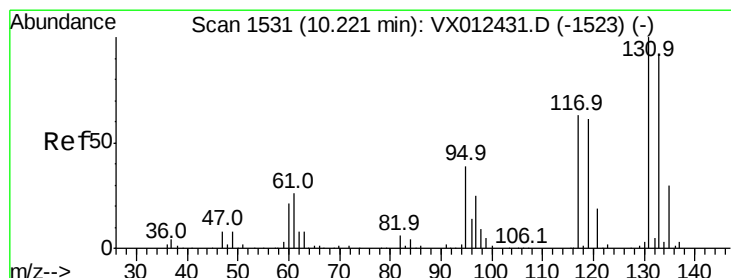
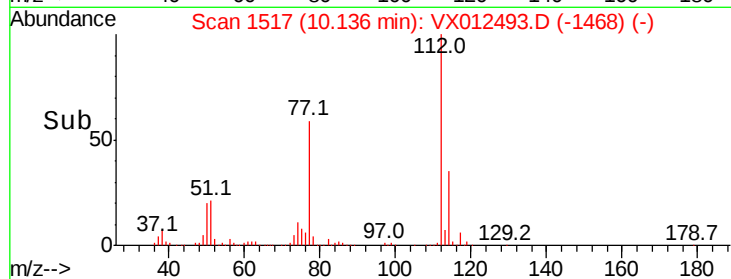
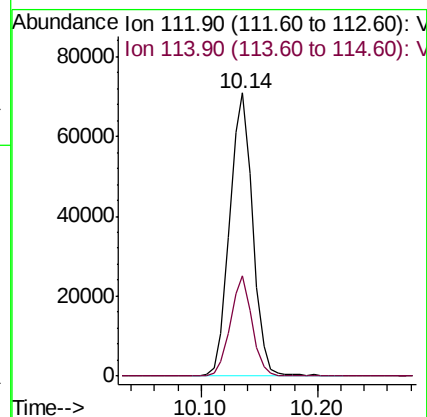
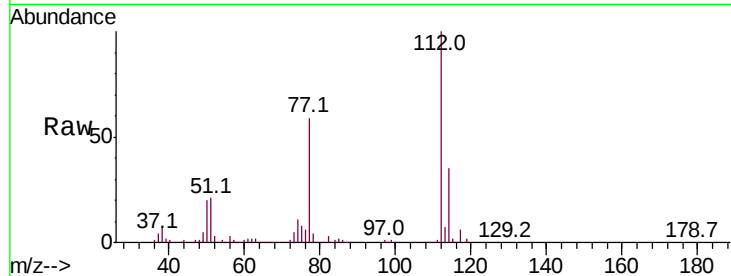
VX0918WBS02

Tot Ion:112 Resp: 96808

Ion Ratio Lower Upper

112 100

114 35.3 25.4 38.0



#66

1,1,1,2-Tetrachloroethane

Concen: 19.325 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.01 min

Lab File: VX012493.D

Acq: 18 Sep 2019 23:34

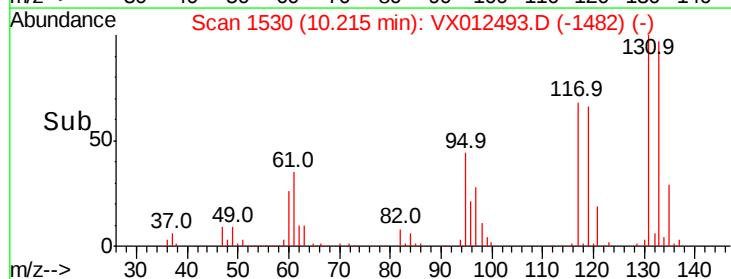
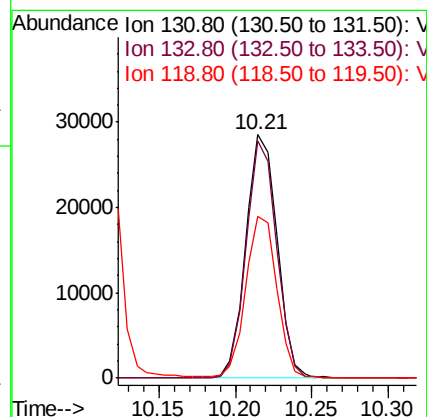
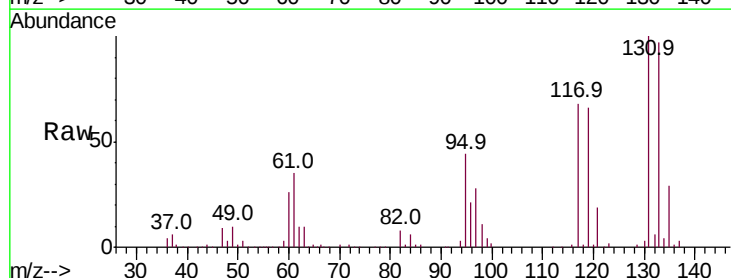
Tgt Ion:131 Resp: 40602

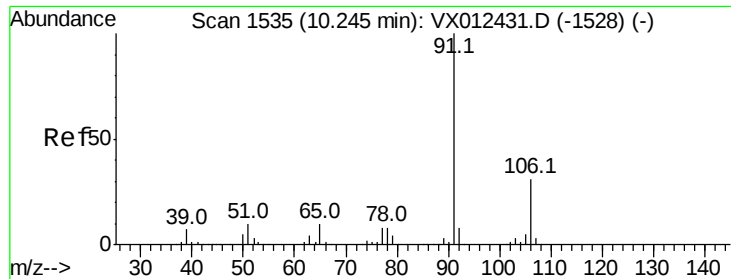
Ion Ratio Lower Upper

131 100

133 95.0 47.6 142.9

119 66.5 31.3 93.8

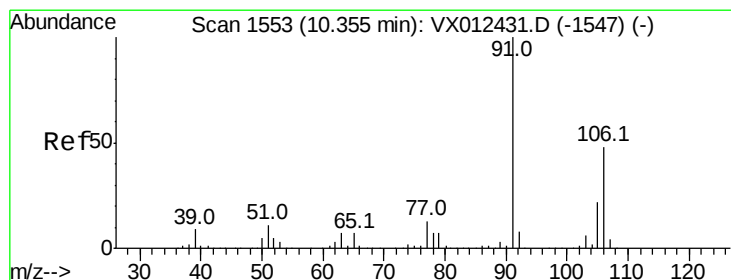
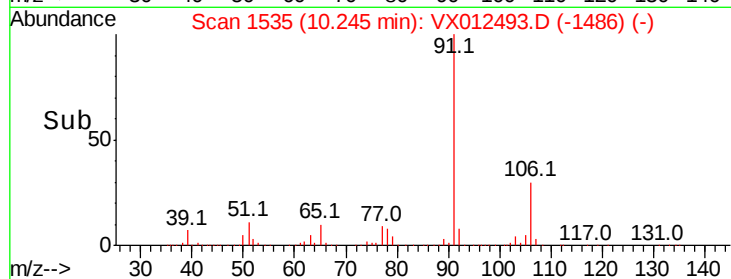
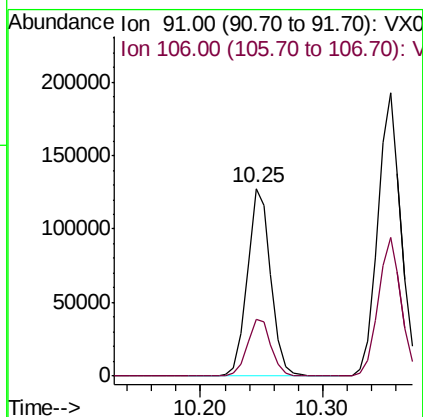
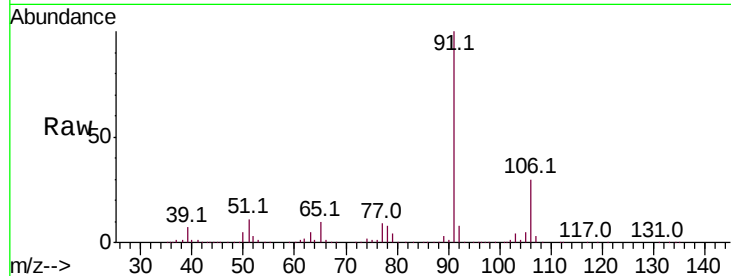




#67
Ethyl Benzene
Concen: 19.375 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX012493.D
Acq: 18 Sep 2019 23:34

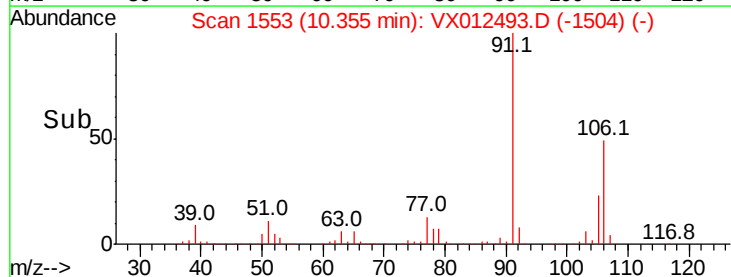
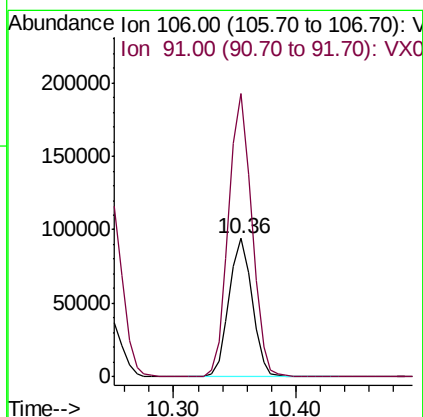
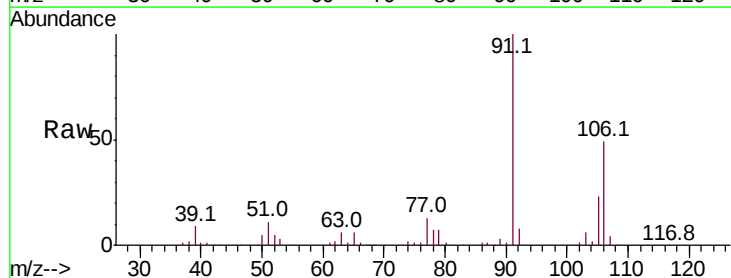
Instrument :
MSVOA_X
ClientSampled :
VX0918WBS02

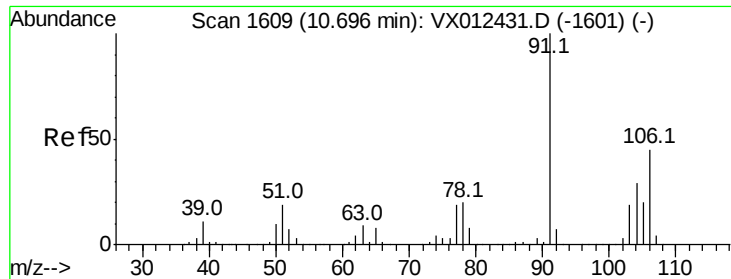
Tot Ion: 91 Resp: 168515
Ion Ratio Lower Upper
91 100
106 30.1 24.6 37.0



#68
m/p-Xylenes
Concen: 39.229 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012493.D
Acq: 18 Sep 2019 23:34

Tgt Ion: 106 Resp: 124145
Ion Ratio Lower Upper
106 100
91 204.1 166.6 250.0

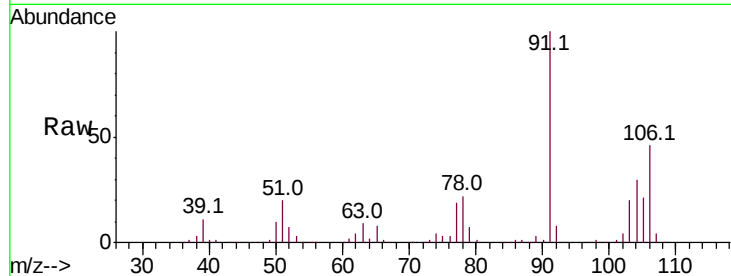




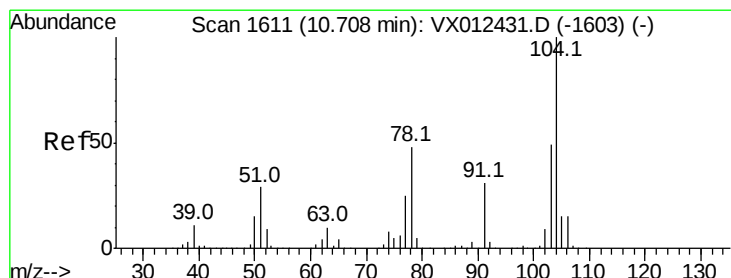
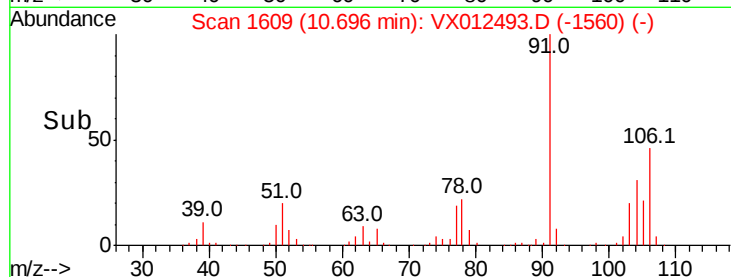
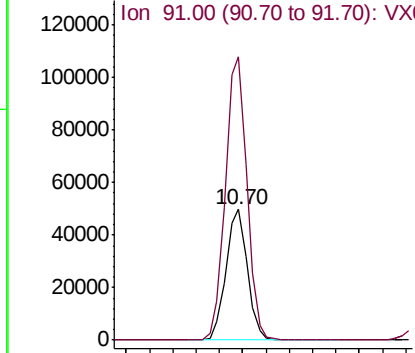
#69
o-Xylene
Concen: 19.428 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012493.D
Acq: 18 Sep 2019 23:34

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBS02

Tot Ion:106 Resp: 63229
Ion Ratio Lower Upper
106 100
91 219.4 109.4 328.2

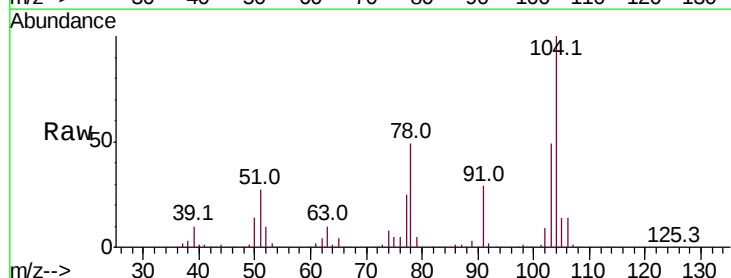


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

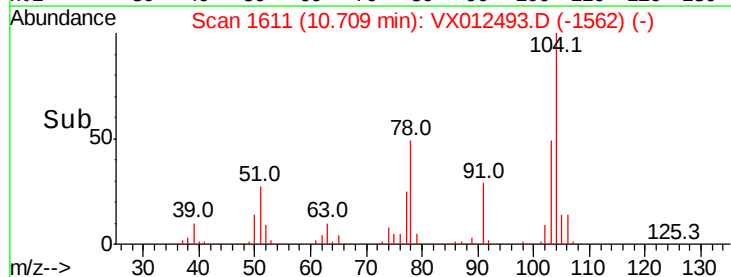
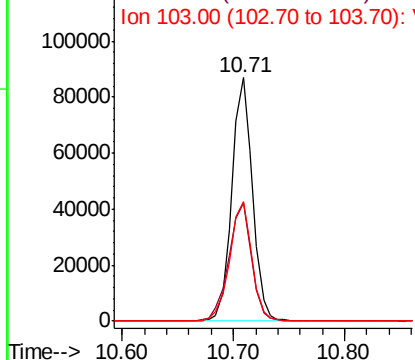


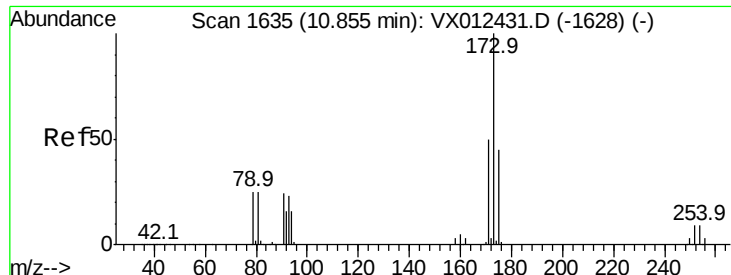
#70
Styrene
Concen: 19.345 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012493.D
Acq: 18 Sep 2019 23:34

Tgt Ion:104 Resp: 111395
Ion Ratio Lower Upper
104 100
78 53.6 43.4 65.2
103 53.0 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: 17.667 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012493.D

Acq: 18 Sep 2019 23:34

Instrument :

MSVOA_X

ClientSampled :

VX0918WBS02

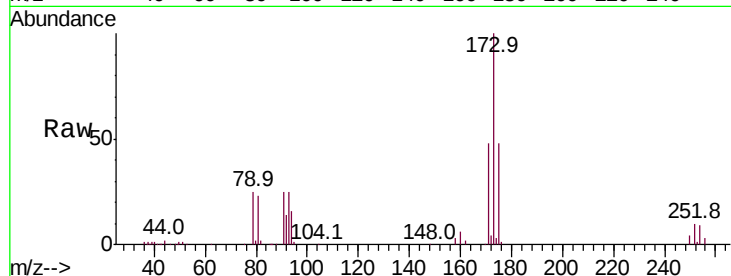
Tot Ion:173 Resp: 28399

Ion Ratio Lower Upper

173 100

175 47.4 23.7 71.1

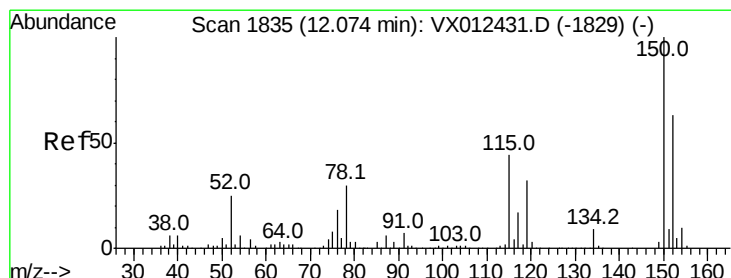
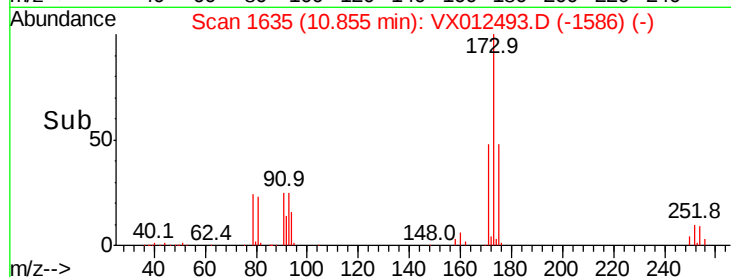
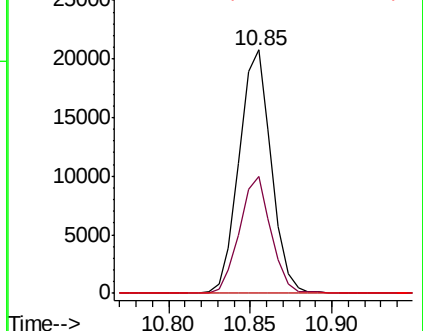
254 0.0 0.1 0.1#



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: VX012493.D

Acq: 18 Sep 2019 23:34

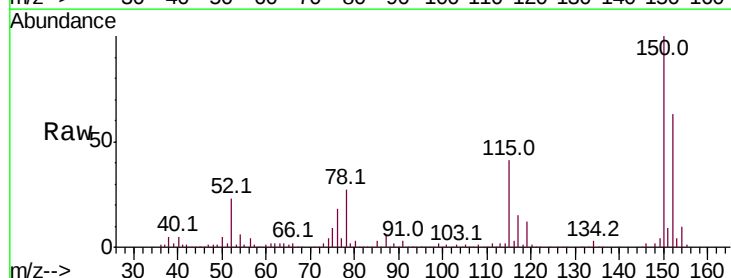
Tgt Ion:152 Resp: 144954

Ion Ratio Lower Upper

152 100

115 71.7 44.1 132.3

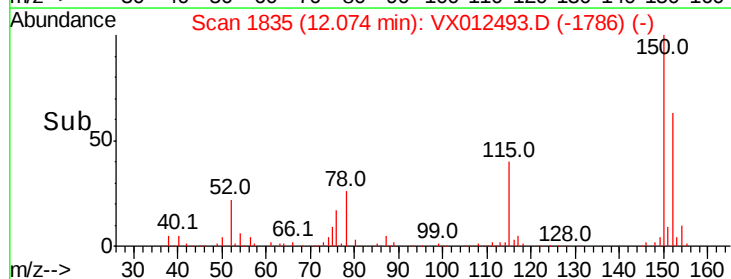
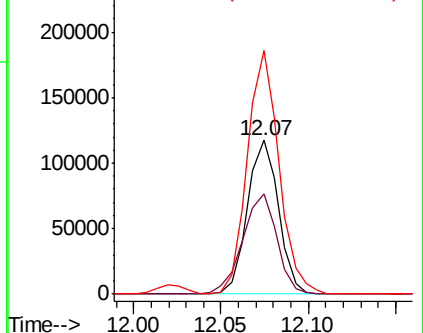
150 161.1 0.0 343.8

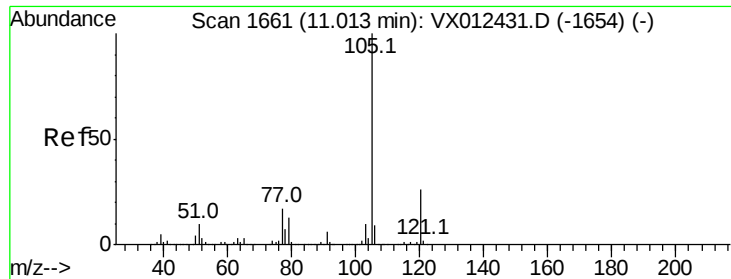


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.512 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012493.D

Acq: 18 Sep 2019 23:34

Instrument :

MSVOA_X

ClientSampleId :

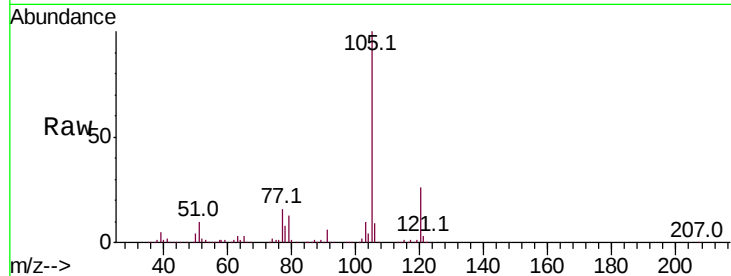
VX0918WBS02

Tot Ion:105 Resp: 177464

Ion Ratio Lower Upper

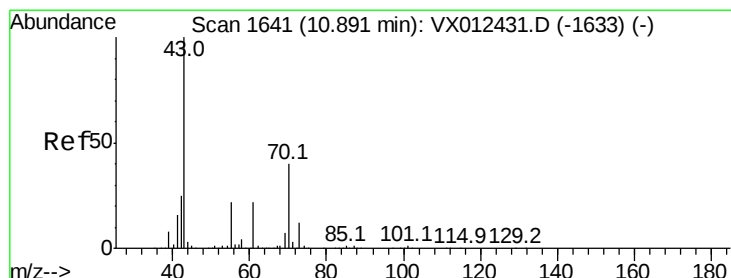
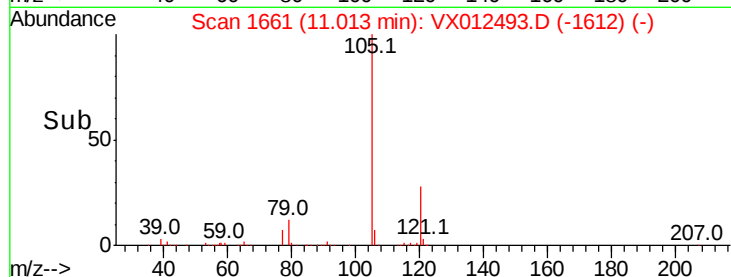
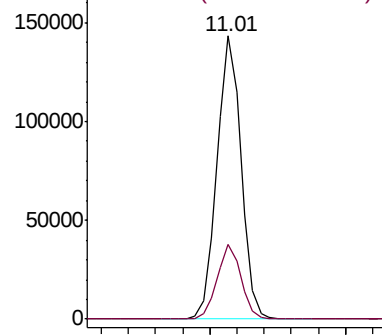
105 100

120 26.2 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.585 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012493.D

Acq: 18 Sep 2019 23:34

Tgt Ion: 43 Resp: 91005

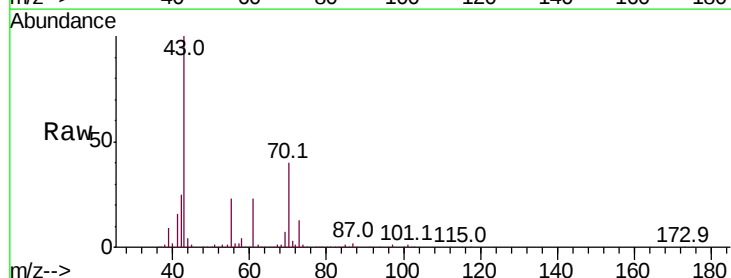
Ion Ratio Lower Upper

43 100

70 41.4 32.4 48.6

55 24.0 18.2 27.4

61 23.7 18.5 27.7

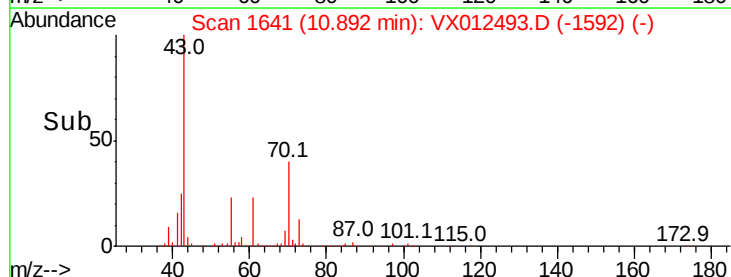
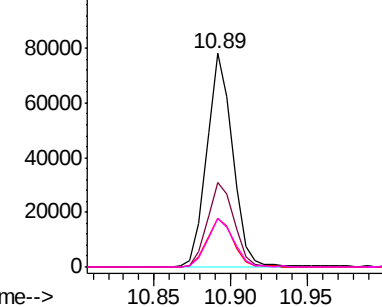


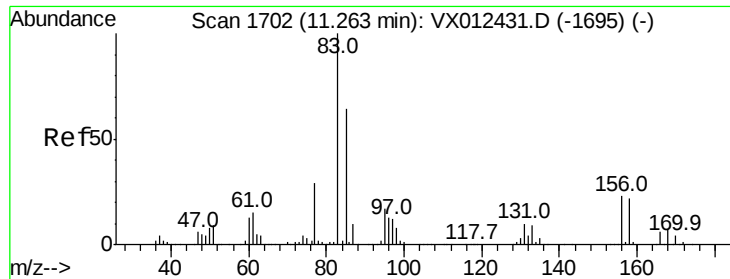
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.965 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012493.D

Acq: 18 Sep 2019 23:34

Instrument :

MSVOA_X

ClientSampled :

VX0918WBS02

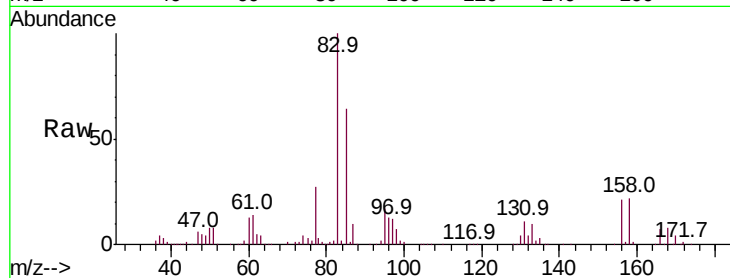
Tot Ion: 83 Resp: 67664

Ion Ratio Lower Upper

83 100

131 10.7 5.2 15.6

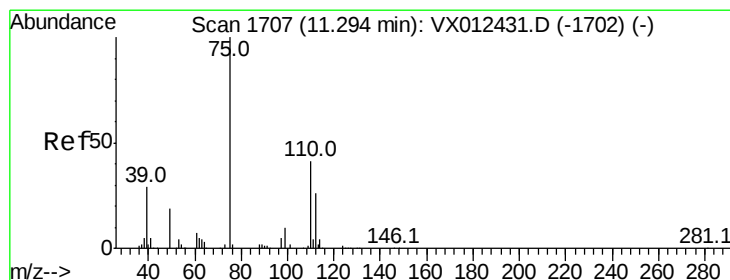
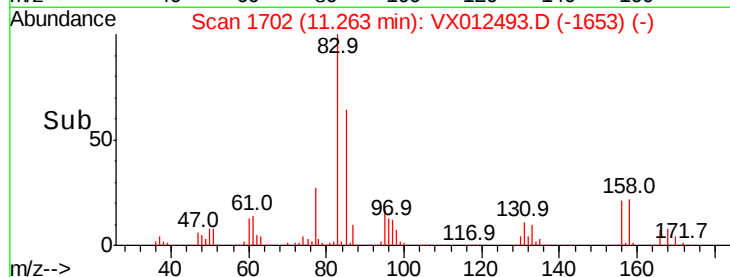
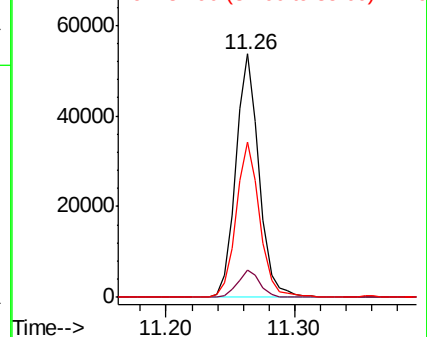
85 64.8 32.0 96.0



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: 22.599 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX012493.D

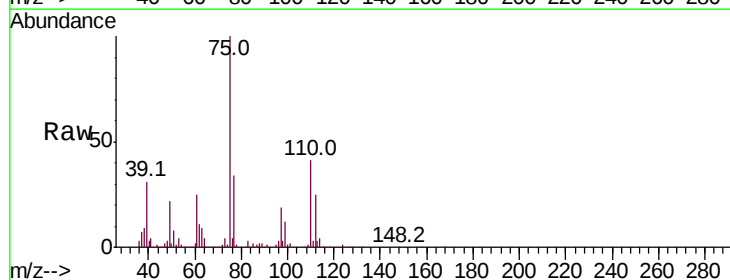
Acq: 18 Sep 2019 23:34

Tgt Ion: 75 Resp: 75247

Ion Ratio Lower Upper

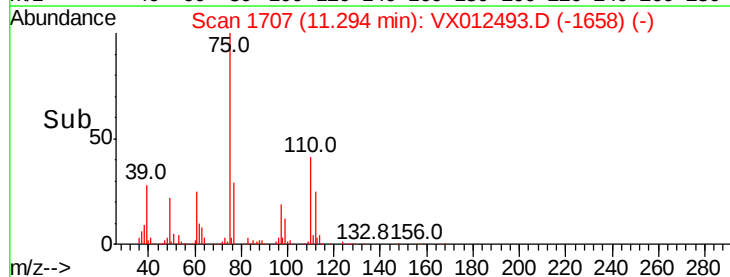
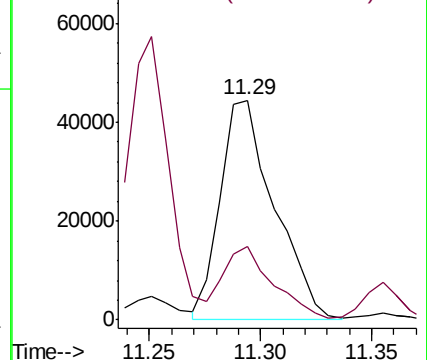
75 100

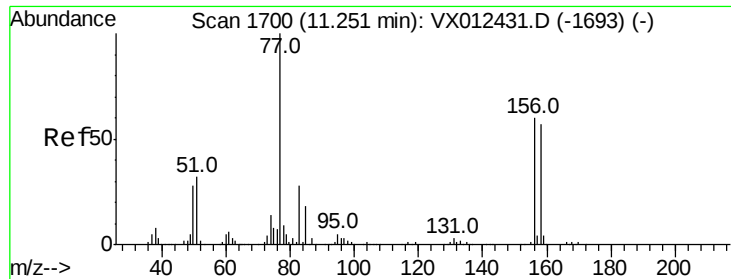
77 30.9 19.7 59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.955 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012493.D

Acq: 18 Sep 2019 23:34

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBS02

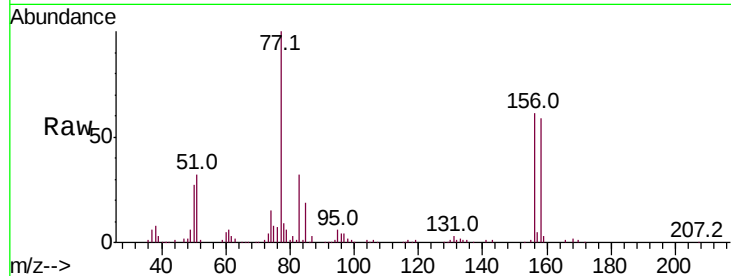
Tot Ion:156 Resp: 44263

Ion Ratio Lower Upper

156 100

77 171.0 87.3 261.8

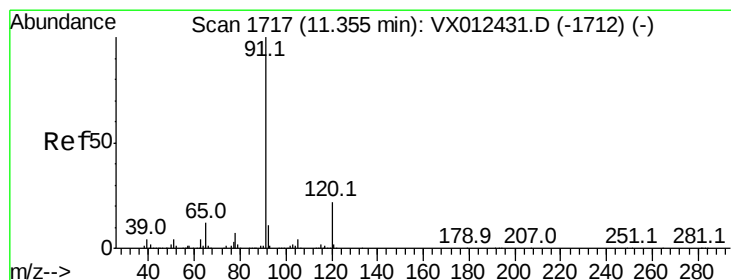
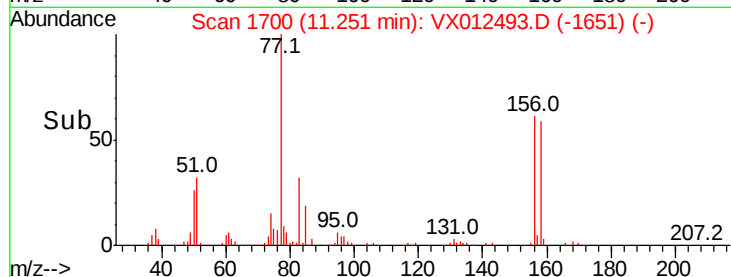
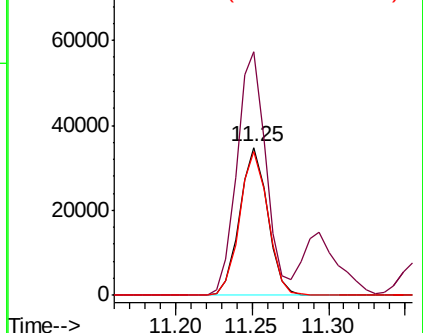
158 98.3 48.5 145.6



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: 19.028 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012493.D

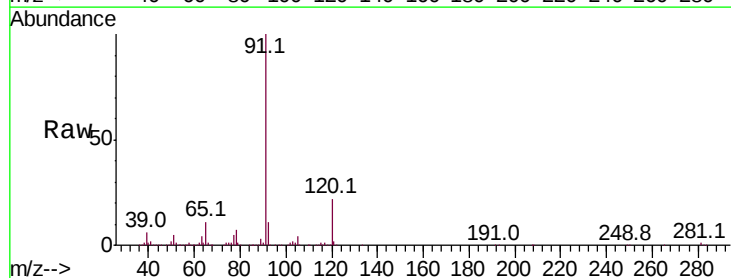
Acq: 18 Sep 2019 23:34

Tgt Ion: 91 Resp: 192878

Ion Ratio Lower Upper

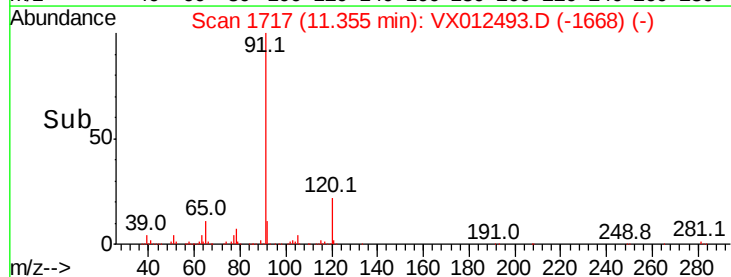
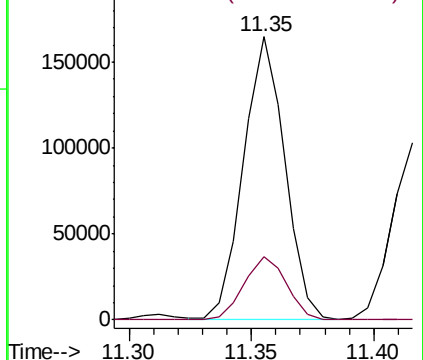
91 100

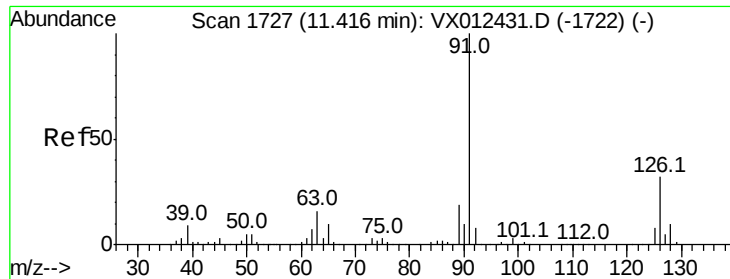
120 23.0 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

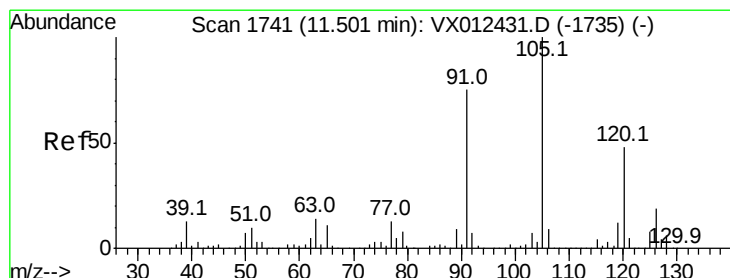
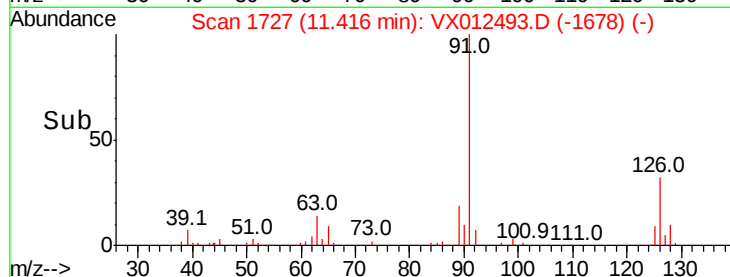
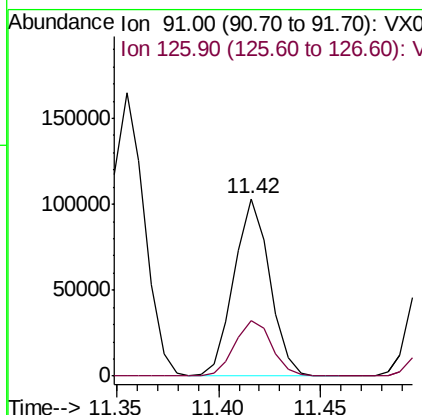
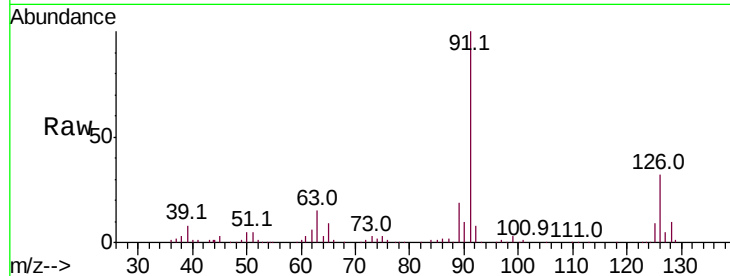




#79
2-Chlorotoluene
Concen: 19.001 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX012493.D
Acq: 18 Sep 2019 23:34

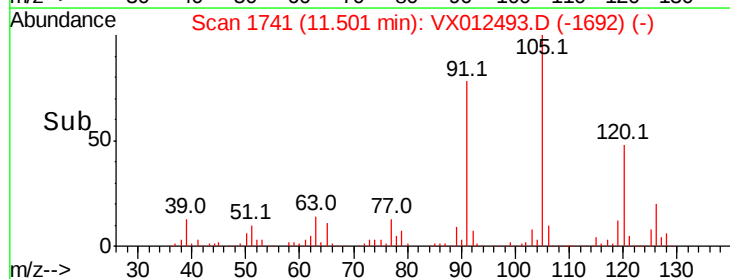
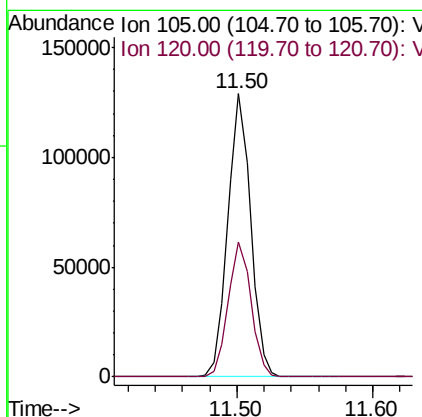
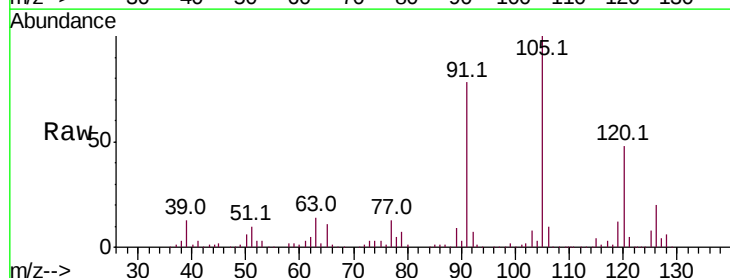
Instrument :
MSVOA_X
ClientSampleId :
VX0918WBS02

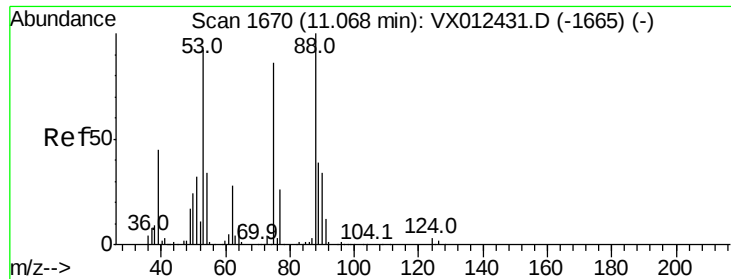
Tot Ion: 91 Resp: 125301
Ion Ratio Lower Upper
91 100
126 32.7 16.4 49.4



#80
1,3,5-Trimethylbenzene
Concen: 19.457 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX012493.D
Acq: 18 Sep 2019 23:34

Tgt Ion:105 Resp: 150920
Ion Ratio Lower Upper
105 100
120 47.9 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 16.757 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX012493.D

Acq: 18 Sep 2019 23:34

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBS02

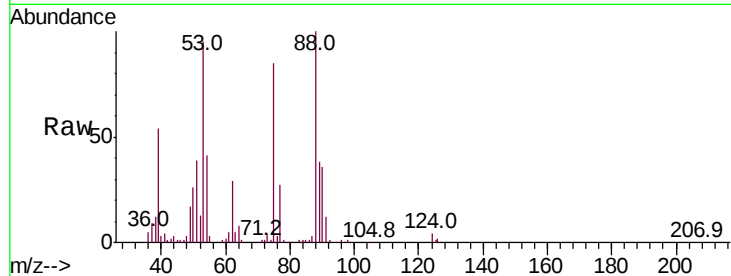
Tot Ion: 75 Resp: 17663

Ion Ratio Lower Upper

75 100

53 114.5 83.6 125.4

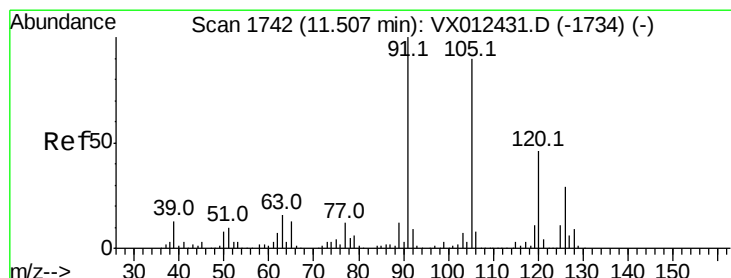
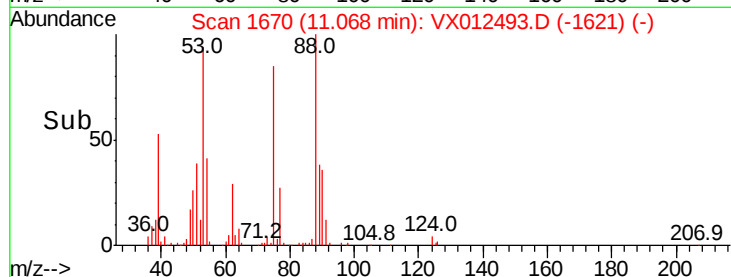
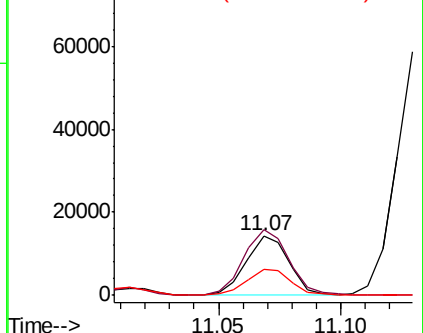
89 46.0 36.3 54.5



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: 19.197 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX012493.D

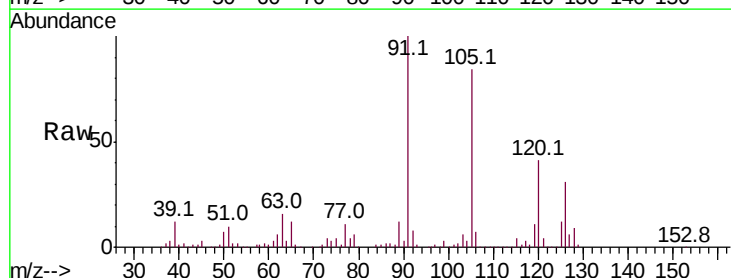
Acq: 18 Sep 2019 23:34

Tgt Ion: 91 Resp: 145292

Ion Ratio Lower Upper

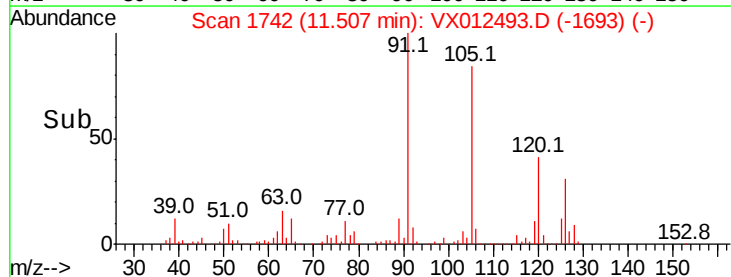
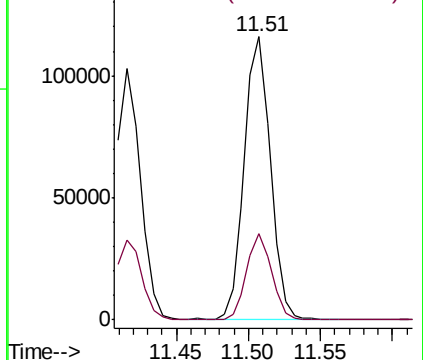
91 100

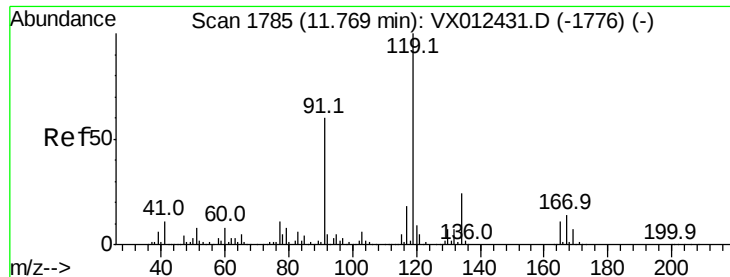
126 29.3 14.4 43.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

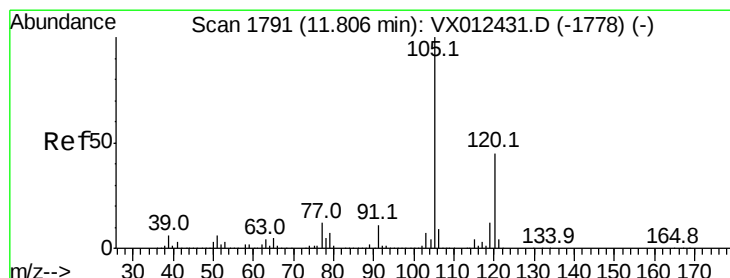
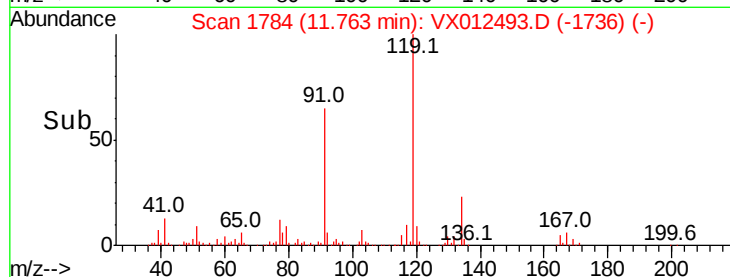
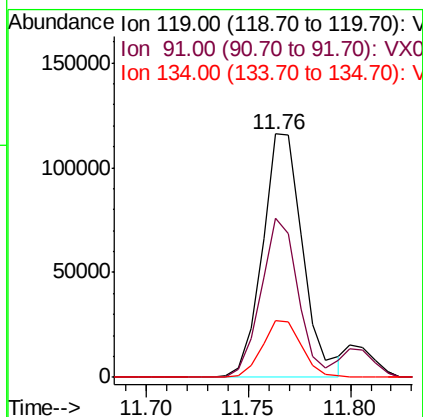
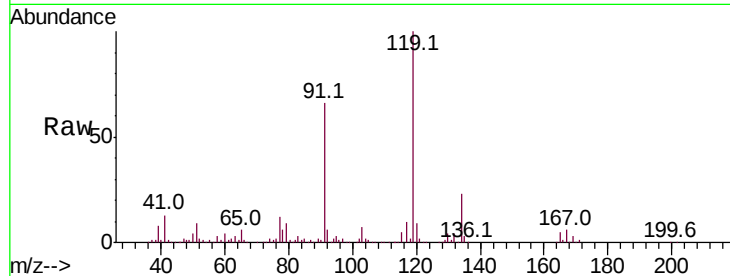




#83
tert-Butylbenzene
Concen: 19.247 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.01 min
Lab File: VX012493.D
Acq: 18 Sep 2019 23:34

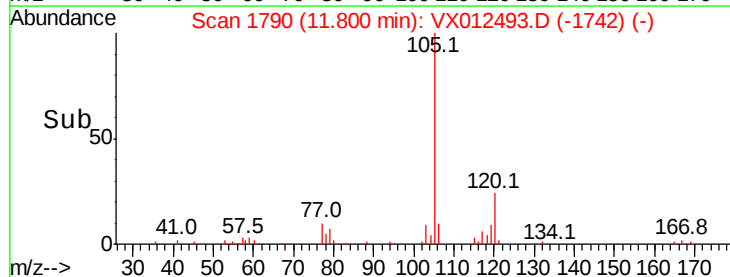
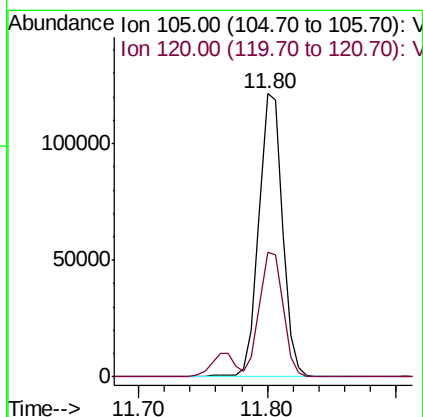
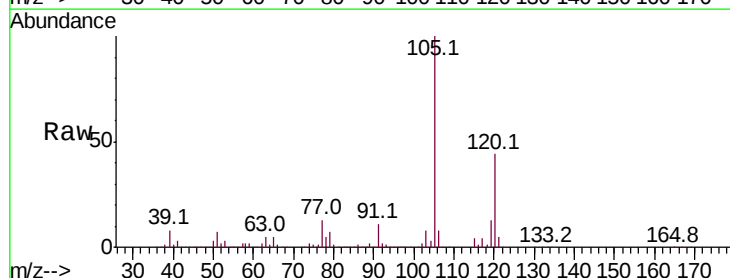
Instrument :
MSVOA_X
ClientSampleId :
VX0918WBS02

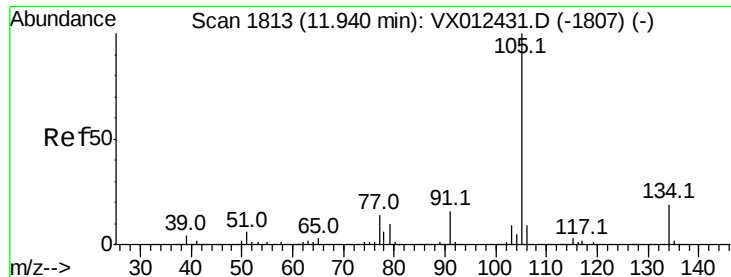
Tot Ion	Ratio	Lower	Upper
119	100		
91	59.8	30.0	90.0
134	22.7	11.3	33.9



#84
1,2,4-Trimethylbenzene
Concen: 19.253 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX012493.D
Acq: 18 Sep 2019 23:34

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.9	22.2	66.6

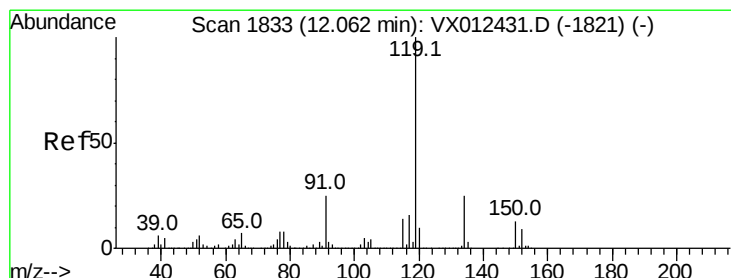
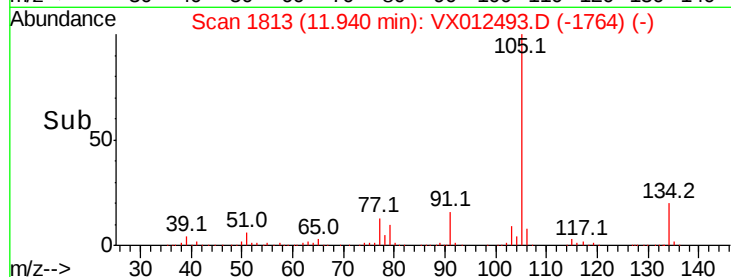
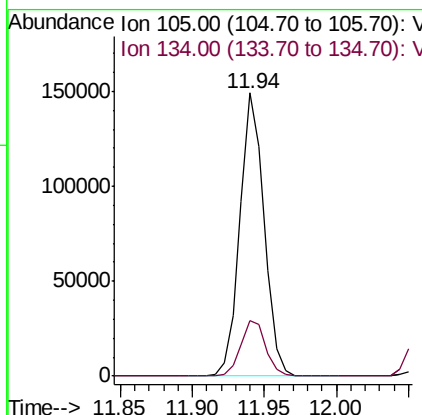
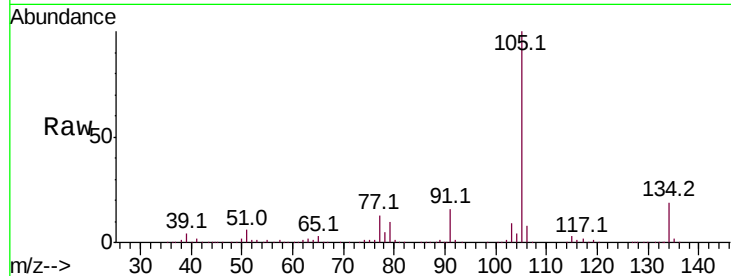




#85
 sec-Butylbenzene
 Concen: 18.981 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX012493.D
 Acq: 18 Sep 2019 23:34

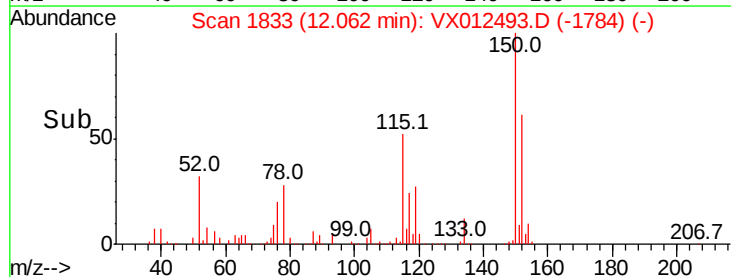
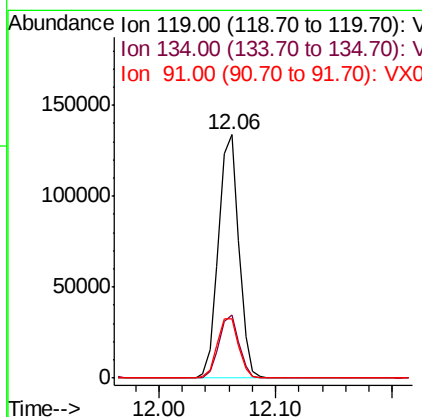
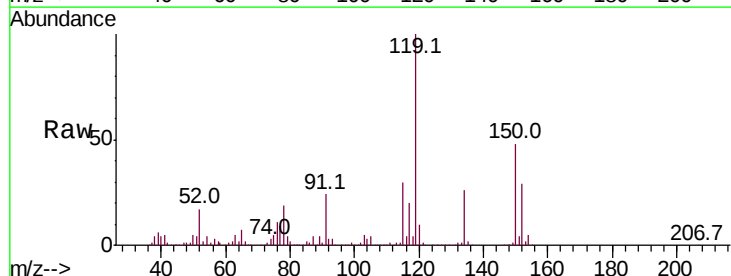
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBS02

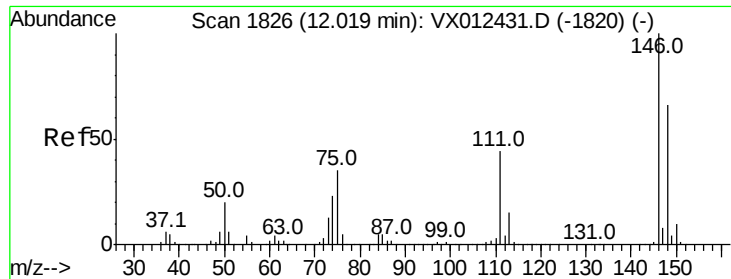
Tot Ion:105 Resp: 173840
 Ion Ratio Lower Upper
 105 100
 134 20.3 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 19.207 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX012493.D
 Acq: 18 Sep 2019 23:34

Tgt Ion:119 Resp: 161531
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.7 38.1
 91 25.9 12.8 38.4

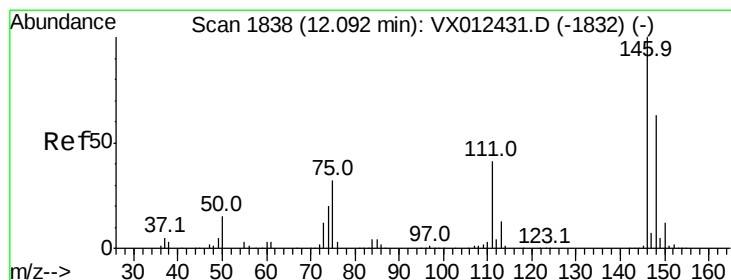
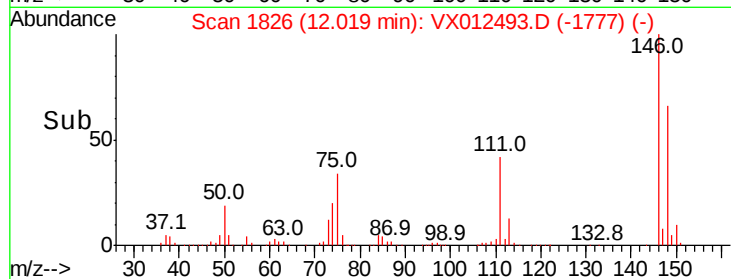
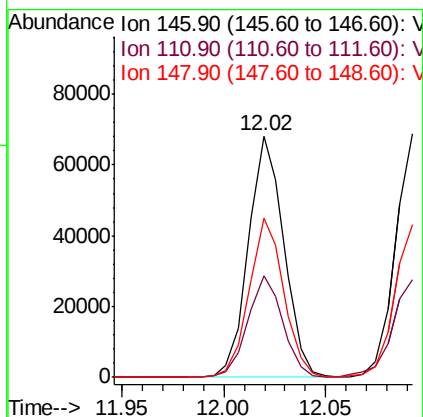
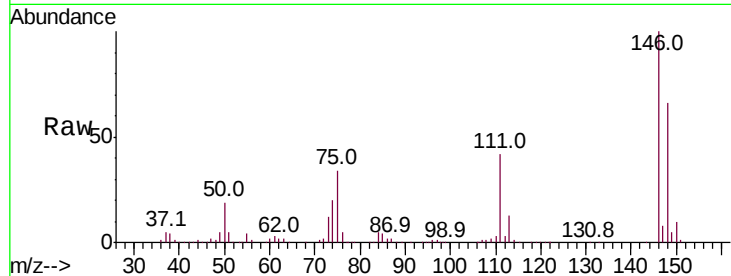




#87
 1,3-Dichlorobenzene
 Concen: 19.793 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012493.D
 Acq: 18 Sep 2019 23:34

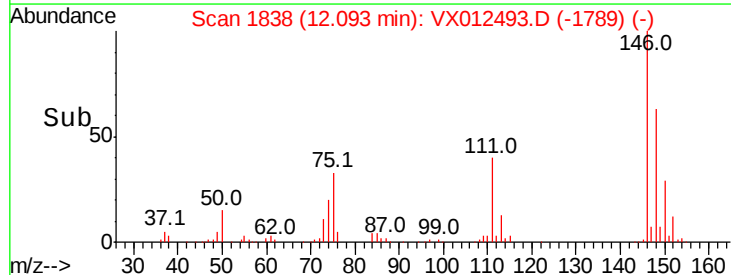
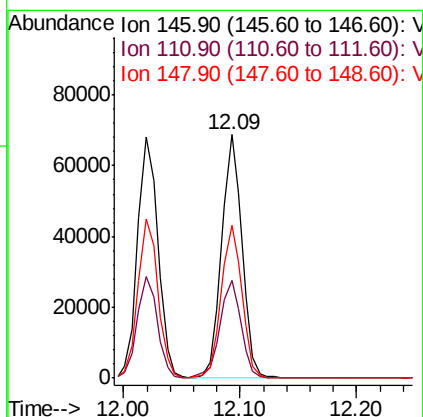
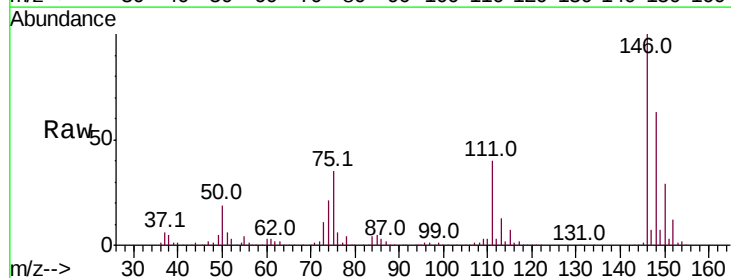
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBS02

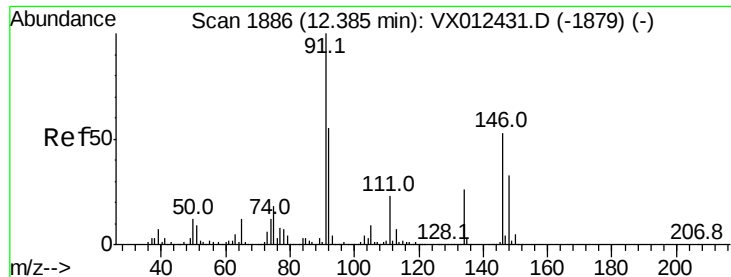
Tot Ion:146 Resp: 82584
 Ion Ratio Lower Upper
 146 100
 111 41.8 21.3 64.0
 148 64.3 32.4 97.2



#88
 1,4-Dichlorobenzene
 Concen: 19.264 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012493.D
 Acq: 18 Sep 2019 23:34

Tgt Ion:146 Resp: 82564
 Ion Ratio Lower Upper
 146 100
 111 42.2 21.1 63.3
 148 64.0 32.1 96.5

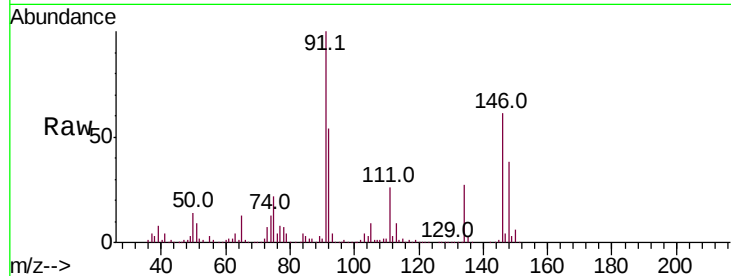




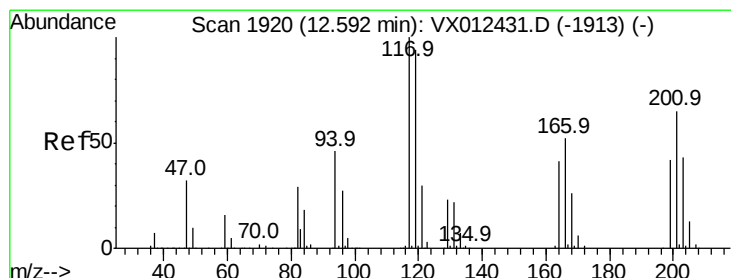
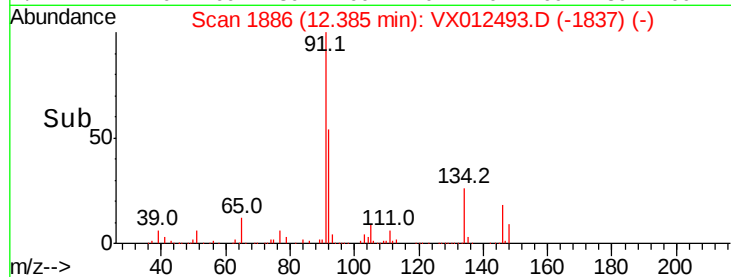
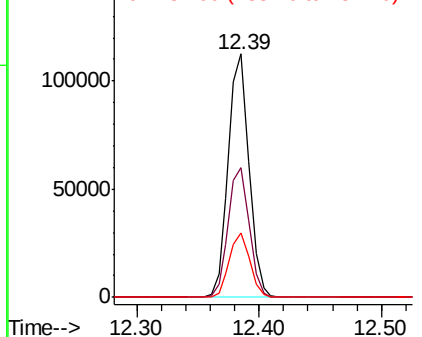
#89
n-Butylbenzene
Concen: 17.604 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012493.D
Acq: 18 Sep 2019 23:34

Instrument :
MSVOA_X
ClientSampled :
VX0918WBS02

Tot Ion: 91 Resp: 132096
Ion Ratio Lower Upper
91 100
92 54.1 27.7 83.0
134 26.1 12.9 38.6

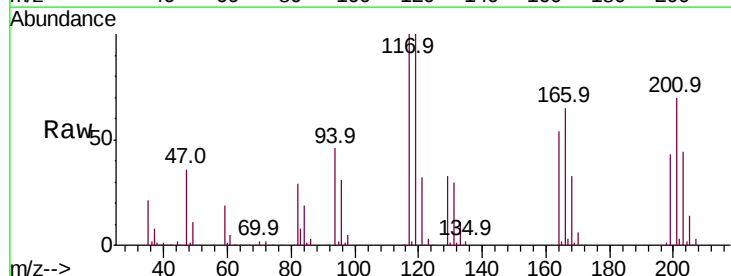


Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0
Ion 134.00 (133.70 to 134.70): V

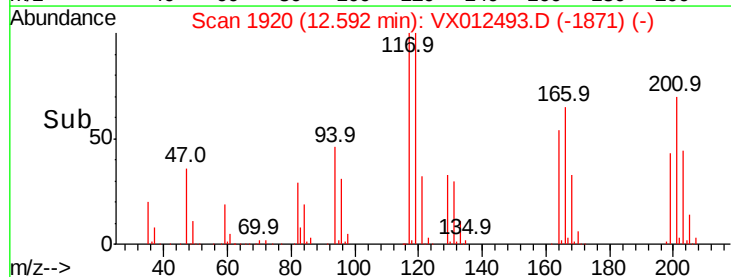
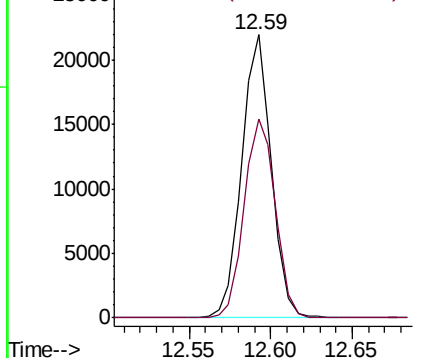


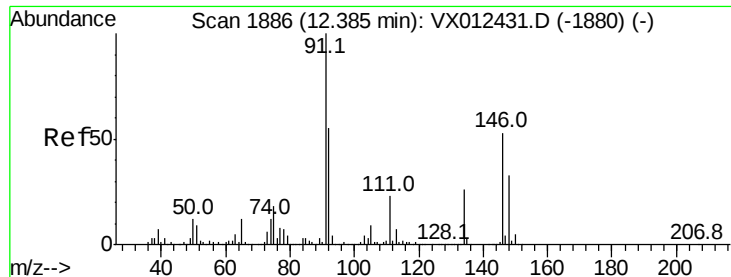
#90
Hexachloroethane
Concen: 17.954 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012493.D
Acq: 18 Sep 2019 23:34

Tgt Ion: 117 Resp: 27686
Ion Ratio Lower Upper
117 100
201 74.3 33.3 99.8



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

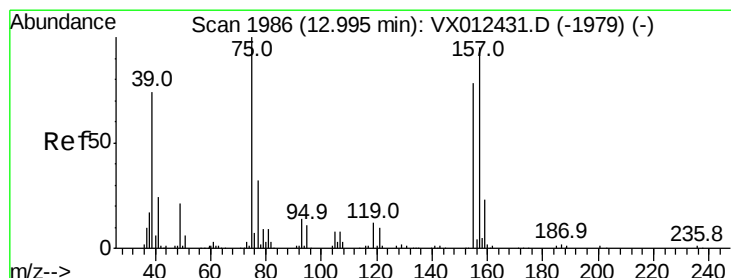
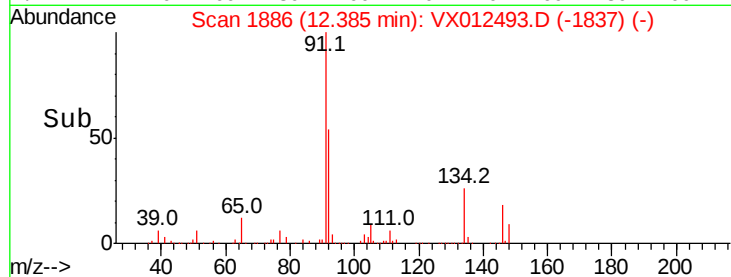
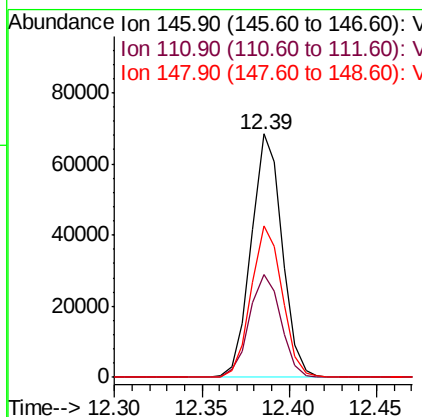
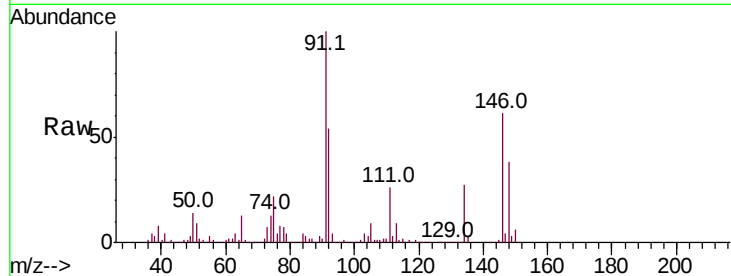




#91
 1,2-Dichlorobenzene
 Concen: 19.427 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012493.D
 Acq: 18 Sep 2019 23:34

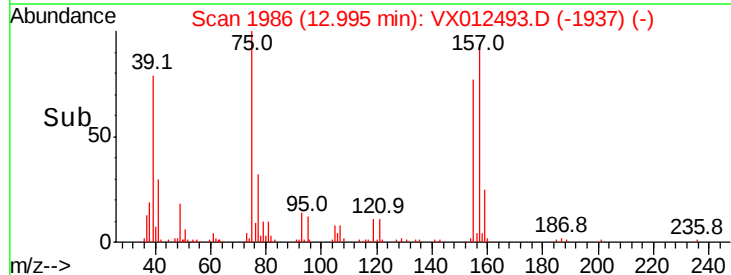
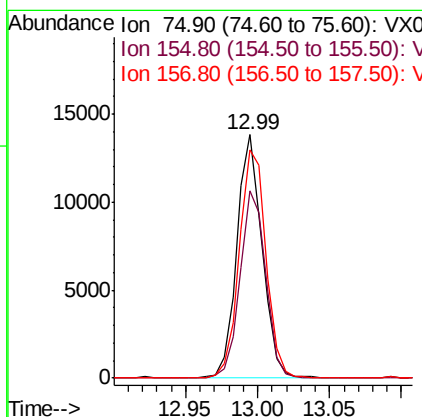
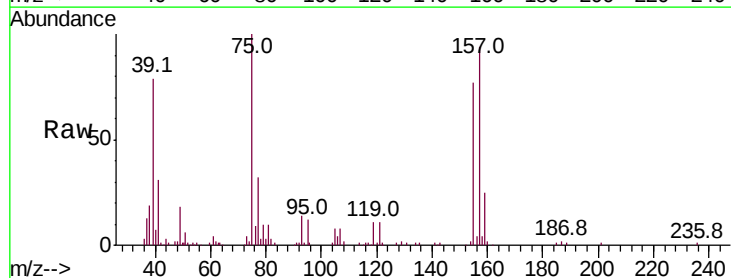
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBS02

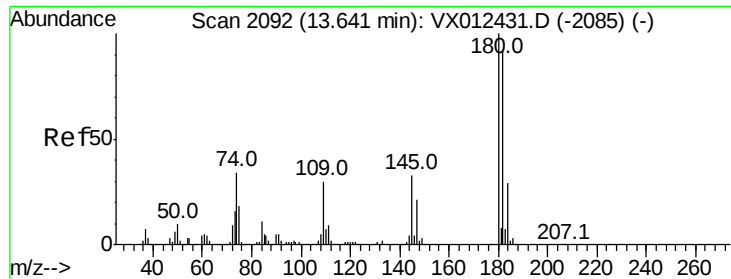
Tot Ion:146 Resp: 84722
 Ion Ratio Lower Upper
 146 100
 111 43.4 22.1 66.1
 148 63.0 31.3 93.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.291 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX012493.D
 Acq: 18 Sep 2019 23:34

Tgt Ion: 75 Resp: 16918
 Ion Ratio Lower Upper
 75 100
 155 77.5 38.6 115.8
 157 98.5 50.6 151.9





#93

1,2,4-Trichlorobenzene

Concen: 18.938 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX012493.D

Acq: 18 Sep 2019 23:34

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBS02

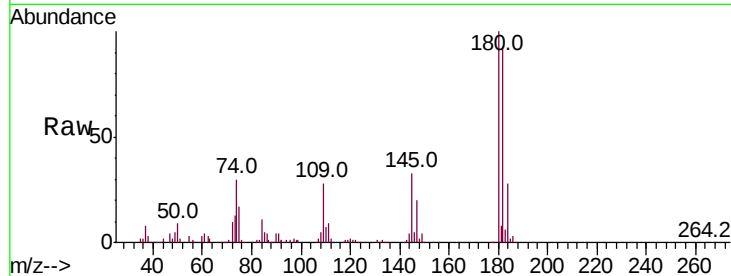
Tot Ion:180 Resp: 53196

Ion Ratio Lower Upper

180 100

182 96.9 47.0 141.0

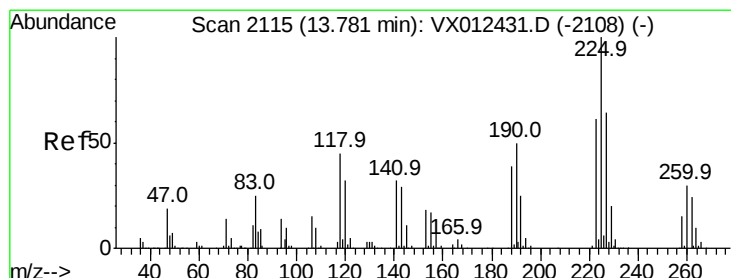
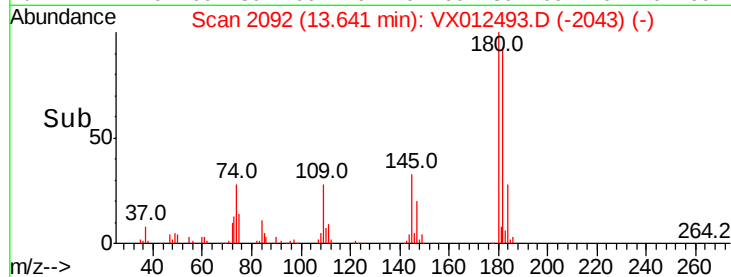
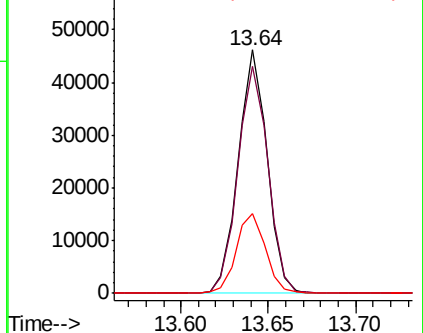
145 33.4 16.8 50.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 17.524 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. -0.01 min

Lab File: VX012493.D

Acq: 18 Sep 2019 23:34

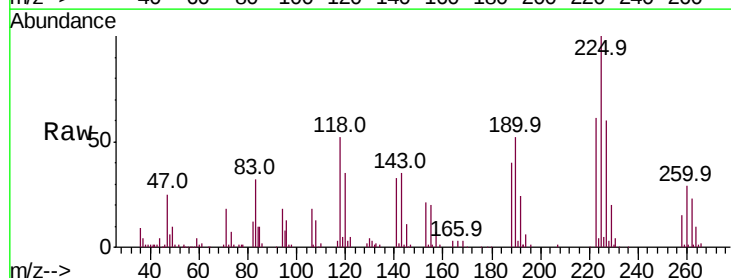
Tgt Ion:225 Resp: 23200

Ion Ratio Lower Upper

225 100

223 61.0 32.0 96.2

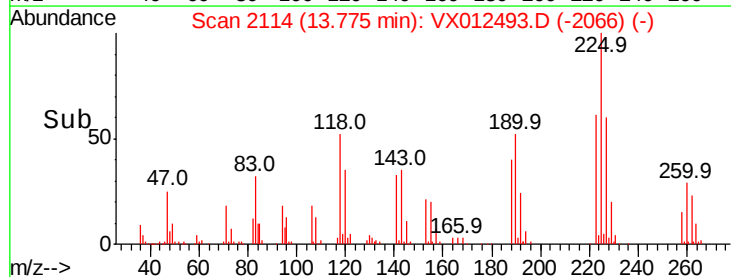
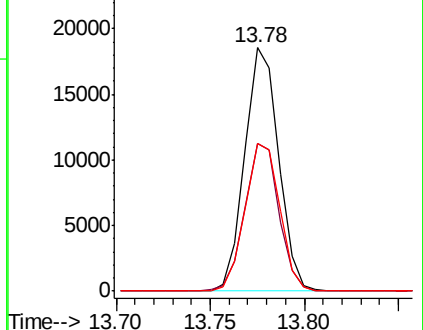
227 62.1 31.9 95.5

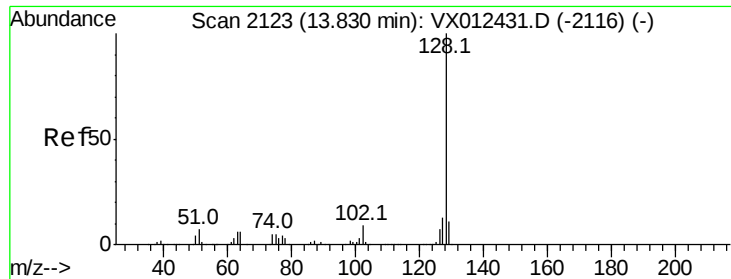


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

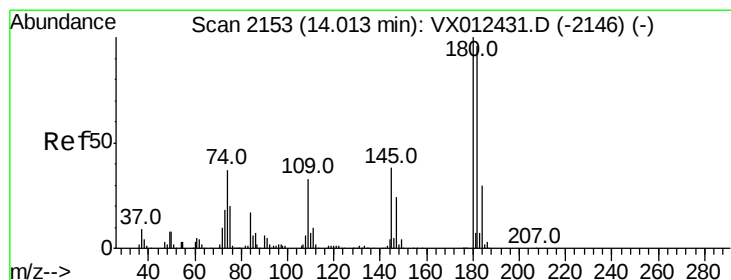
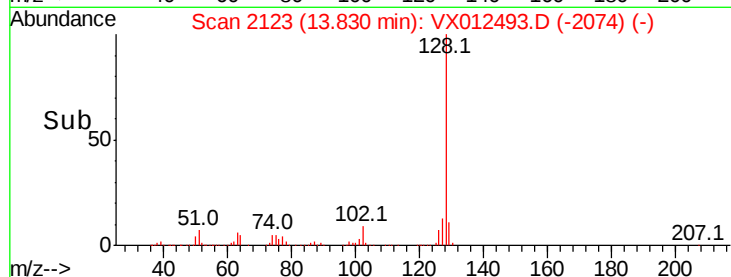
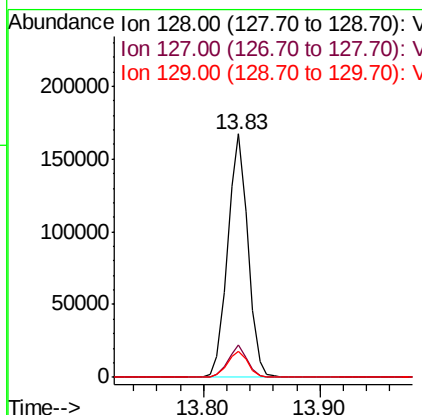
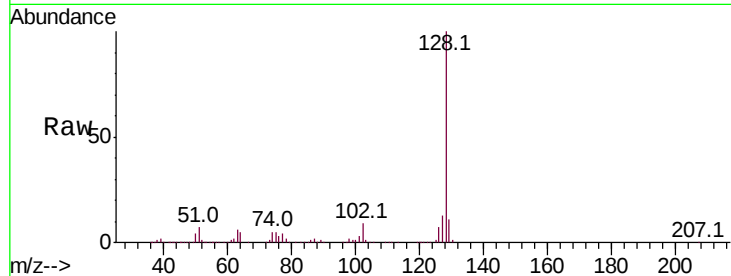




#95
Naphthalene
Concen: 20.081 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012493.D
Acq: 18 Sep 2019 23:34

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBS02

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.2	15.4
129	10.7	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 19.917 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX012493.D
Acq: 18 Sep 2019 23:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.1	141.3
145	35.4	18.0	54.0

