

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120319\
 Data File : VX013721.D
 Acq On : 03 Dec 2019 13:46
 Operator : JC/SP
 Sample : VX1203WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1203WBS01

Manual Integrations
 APPROVED

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 12/4/2019 1:52:03 PM

Quant Time: Dec 03 15:48:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	657185	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1012588	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	901269	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	441964	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	360052	47.20	ug/l	0.00
Spiked Amount			Recovery	=	94.40%	
35) Dibromofluoromethane	5.49	113	296732	47.40	ug/l	0.00
Spiked Amount			Recovery	=	94.80%	
50) Toluene-d8	8.71	98	1146987	47.03	ug/l	0.00
Spiked Amount			Recovery	=	94.06%	
62) 4-Bromofluorobenzene	11.13	95	398568	45.32	ug/l	0.00
Spiked Amount			Recovery	=	90.64%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	145147	19.843	ug/l	98
3) Chloromethane	1.32	50	163200	19.884	ug/l	94
4) Vinyl Chloride	1.40	62	188044	20.355	ug/l	100
5) Bromomethane	1.63	94	97964	15.790	ug/l	100
6) Chloroethane	1.72	64	102597	19.517	ug/l	99
7) Trichlorofluoromethane	1.92	101	199041	19.404	ug/l	100
8) Diethyl Ether	2.18	74	93491	20.145	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	121565	19.402	ug/l	99
10) Methyl Iodide	2.50	142	117886	15.553	ug/l	98
11) Tert butyl alcohol	3.03	59	169073	89.792	ug/l	98
12) 1,1-Dichloroethene	2.36	96	120283	19.232	ug/l	99
13) Acrolein	2.28	56	106008	88.165	ug/l	99
14) Allyl chloride	2.72	41	222716	19.623	ug/l	99
15) Acrylonitrile	3.13	53	390712	100.525	ug/l	99
16) Acetone	2.43	43	415975	110.448	ug/l	100
17) Carbon Disulfide	2.56	76	317106	17.786	ug/l	99
18) Methyl Acetate	2.76	43	224319	21.389	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	411781	19.875	ug/l	99
20) Methylene Chloride	2.85	84	140836	19.464	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	130261	19.119	ug/l	97
22) Diisopropyl ether	3.84	45	446805	20.444	ug/l	96
23) Vinyl Acetate	3.80	43	1767955	97.243	ug/l	99
24) 1,1-Dichloroethane	3.69	63	238903	19.997	ug/l	99
25) 2-Butanone	4.66	43	579422	103.517	ug/l	98
26) 2,2-Dichloropropane	4.57	77	193025	19.528	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	149196	19.068	ug/l	97
28) Bromochloromethane	5.01	49	101033	21.392	ug/l	97
29) Tetrahydrofuran	5.12	42	351861	101.971	ug/l	100
30) Chloroform	5.20	83	230517	19.025	ug/l	97
31) Cyclohexane	5.57	56	215326	19.109	ug/l	93
32) 1,1,1-Trichloroethane	5.48	97	198005	19.556	ug/l	100
36) 1,1-Dichloropropene	5.79	75	173700	18.897	ug/l	99
37) Ethyl Acetate	4.82	43	209085	20.276	ug/l	99
38) Carbon Tetrachloride	5.78	117	163780	19.324	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	210767	18.550	ug/l	97
40) Benzene	6.14	78	548449	19.591	ug/l	98
41) Methacrylonitrile	5.03	41	118451	20.946	ug/l	99
42) 1,2-Dichloroethane	6.18	62	184589	19.334	ug/l	98
43) Isopropyl Acetate	6.43	43	337562	19.884	ug/l	99
44) Trichloroethene	7.21	130	144902	18.860	ug/l	97
45) 1,2-Dichloropropane	7.51	63	139123	19.863	ug/l	98
46) Dibromomethane	7.65	93	90679	19.062	ug/l	99
47) Bromodichloromethane	7.89	83	177763	19.766	ug/l	98
48) Methyl methacrylate	7.76	41	166320	20.164	ug/l	98
49) 1,4-Dioxane	7.73	88	70454	381.592	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1082715	101.391	ug/l	99
52) Toluene	8.78	92	341860	19.657	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	195844	19.132	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	220432	19.710	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	140582	20.059	ug/l	99
56) Ethyl methacrylate	9.17	69	223646	19.848	ug/l	99
57) 1,3-Dichloropropane	9.37	76	234912	19.446	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	411008	93.033	ug/l	100
59) 2-Hexanone	9.48	43	836582	100.448	ug/l	99
60) Dibromochloromethane	9.57	129	141034	19.390	ug/l	98
61) 1,2-Dibromoethane	9.67	107	145508	19.439	ug/l	100
64) Tetrachloroethene	9.33	164	149497	22.243	ug/l	99
65) Chlorobenzene	10.14	112	363680	19.435	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	133641	19.889	ug/l	99
67) Ethyl Benzene	10.25	91	629773	19.586	ug/l	100
68) m/p-Xylenes	10.35	106	481484	39.111	ug/l	100
69) o-Xylene	10.70	106	233756	19.469	ug/l	98
70) Styrene	10.71	104	401915	19.900	ug/l	99
71) Bromoform	10.85	173	106791	19.208	ug/l #	100
73) Isopropylbenzene	11.01	105	620138	20.003	ug/l	99
74) N-amyl acetate	10.89	43	290365	20.446	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	220729	20.530	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	207486m	20.873	ug/l	
77) Bromobenzene	11.25	156	160909	19.212	ug/l	99
78) n-propylbenzene	11.35	91	694921	20.080	ug/l	99
79) 2-Chlorotoluene	11.42	91	407198	19.614	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	510515	20.092	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	68379	18.819	ug/l	97
82) 4-Chlorotoluene	11.51	91	466138	19.386	ug/l	99
83) tert-Butylbenzene	11.76	119	501854	19.434	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	514090	19.936	ug/l	99
85) sec-Butylbenzene	11.94	105	589514	19.987	ug/l	99
86) p-Isopropyltoluene	12.06	119	535252	19.507	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	275925	18.900	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	276852	18.617	ug/l	99
89) n-Butylbenzene	12.39	91	443577	18.954	ug/l	100
90) Hexachloroethane	12.59	117	95734	19.302	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	281499	19.515	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	45946	19.624	ug/l	99

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VX1203WBS01

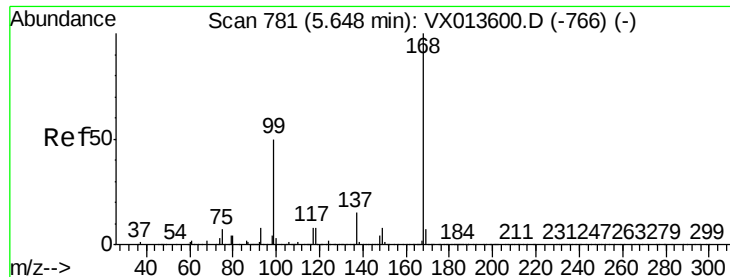
Manual Integrations
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	182009	18.105	ug/l	100
94) Hexachlorobutadiene	13.78	225	85945	17.797	ug/l	99
95) Naphthalene	13.83	128	577342	19.284	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	186666	18.753	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: VX013721.D

Acq: 03 Dec 2019 13:46

Instrument :

MSVOA_X

ClientSampleId :

VX1203WBS01

Tot Ion:168 Resp: 657185

Ion Ratio Lower Upper

168 100

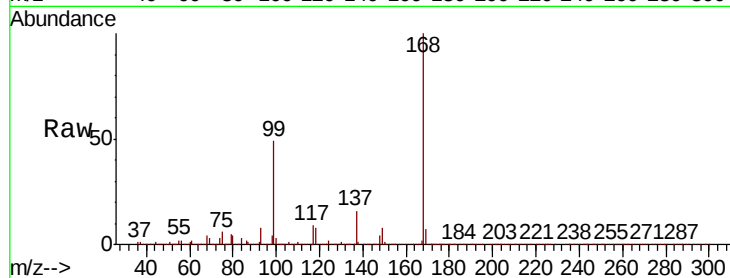
99 49.3 39.8 59.8

Manual Integrations

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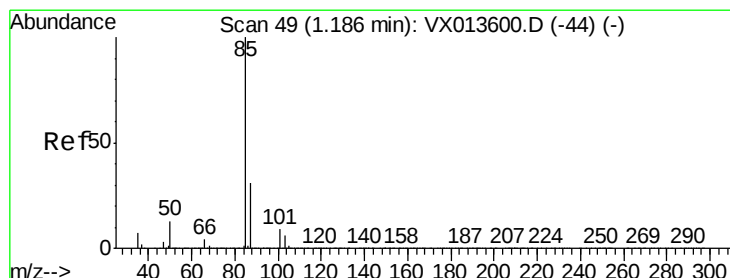
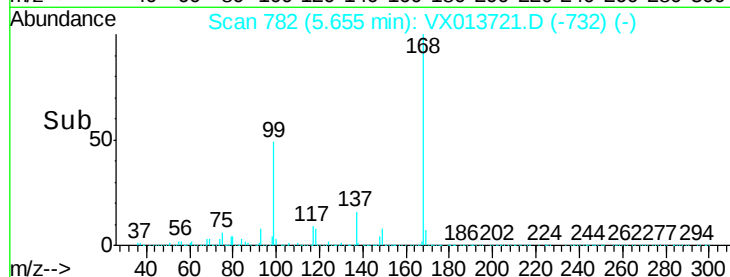
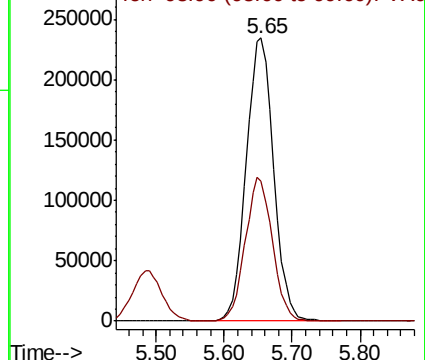
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.843 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX013721.D

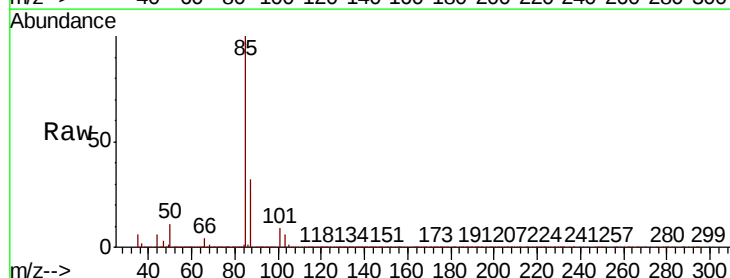
Acq: 03 Dec 2019 13:46

Tgt Ion: 85 Resp: 145147

Ion Ratio Lower Upper

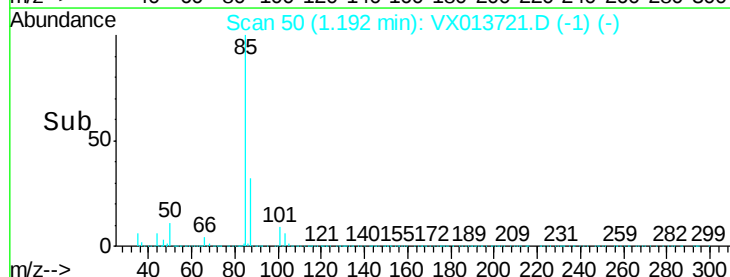
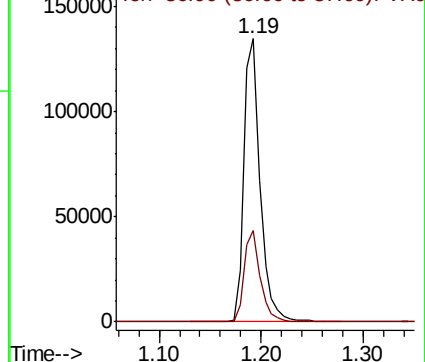
85 100

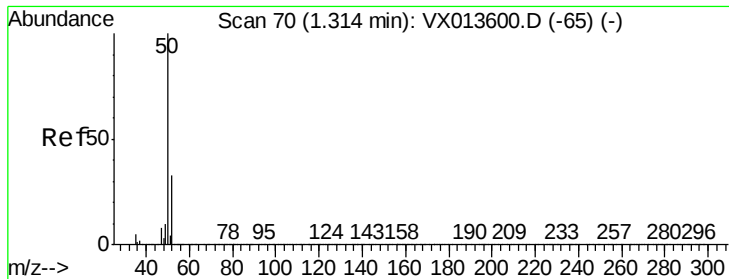
87 32.4 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 19.884 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013721.D

Acq: 03 Dec 2019 13:46

Instrument :

MSVOA_X

ClientSampleId :

VX1203WBS01

Tot Ion: 50 Resp: 163200

Ion Ratio Lower Upper

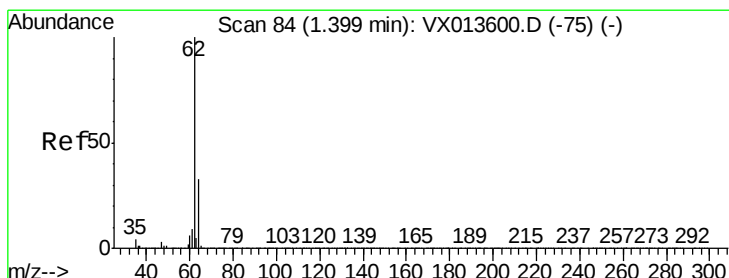
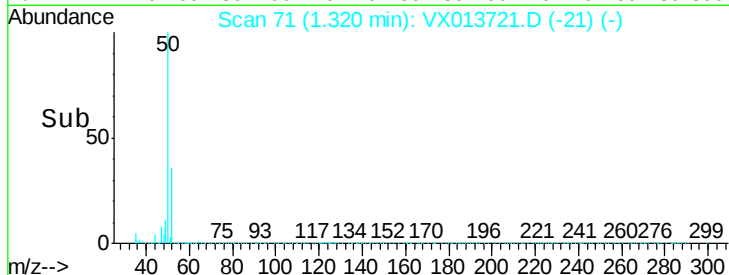
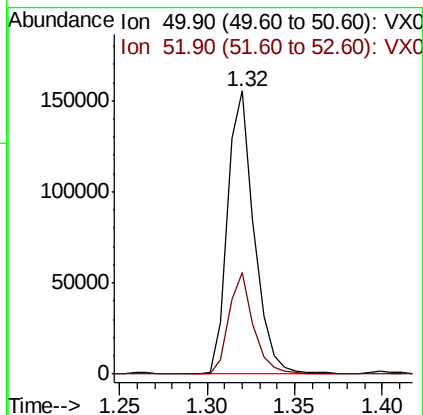
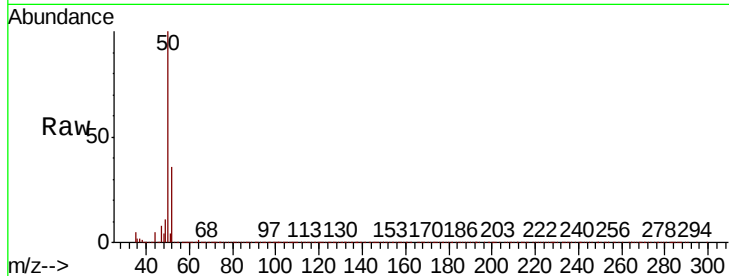
50 100

52 35.6 26.0 39.0

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#4

Vinyl Chloride

Concen: 20.355 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013721.D

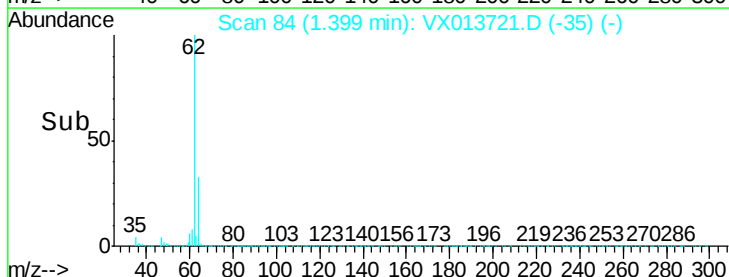
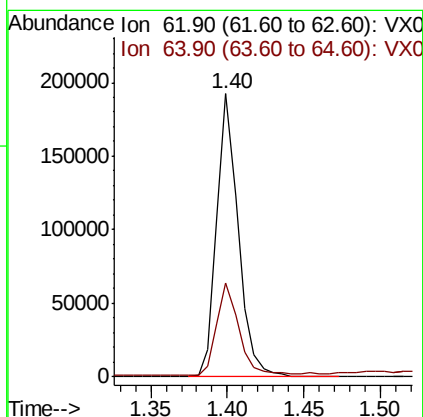
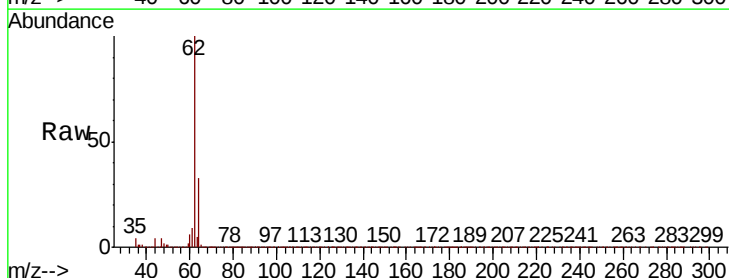
Acq: 03 Dec 2019 13:46

Tgt Ion: 62 Resp: 188044

Ion Ratio Lower Upper

62 100

64 32.7 26.0 39.0





#5

Bromomethane

Concen: 15.790 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013721.D

Acq: 03 Dec 2019 13:46

Instrument :

MSVOA_X

ClientSampled :

VX1203WBS01

Tot Ion: 94 Resp: 97964

Ion Ratio Lower Upper

94 100

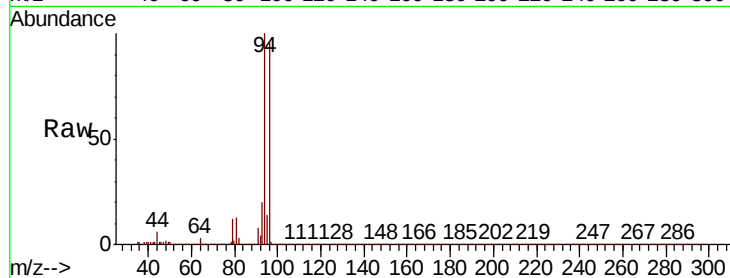
96 95.8 77.0 115.4

Manual Integrations

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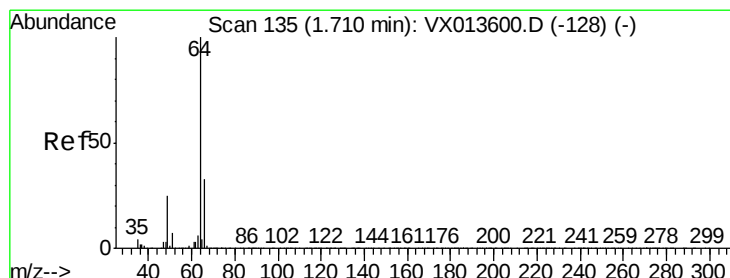
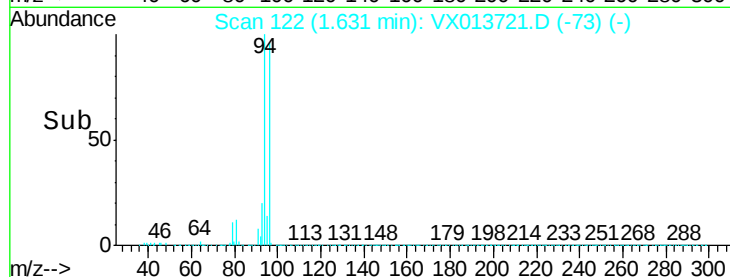
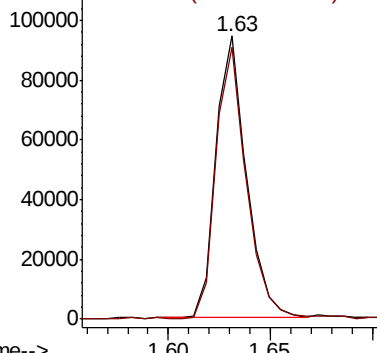
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.517 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013721.D

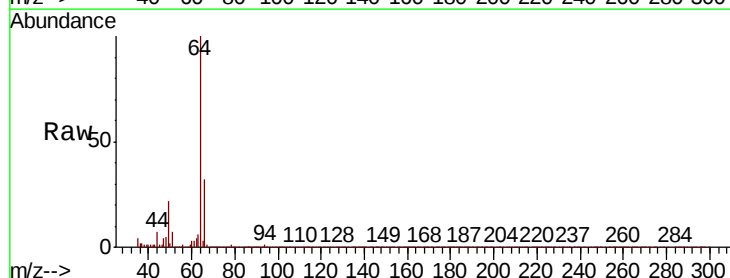
Acq: 03 Dec 2019 13:46

Tgt Ion: 64 Resp: 102597

Ion Ratio Lower Upper

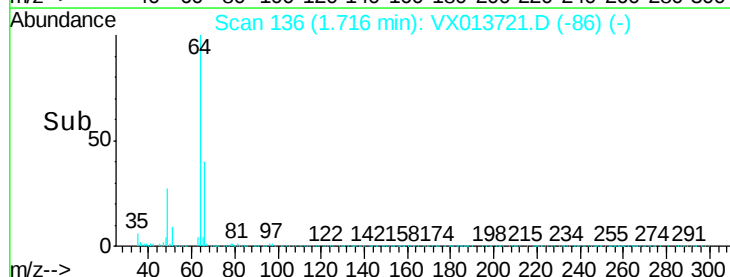
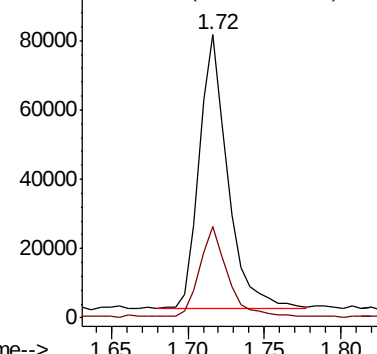
64 100

66 32.6 26.7 40.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

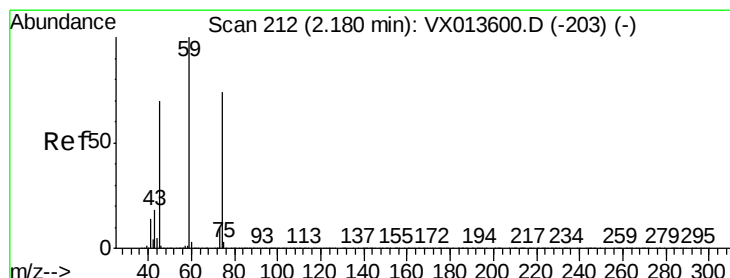
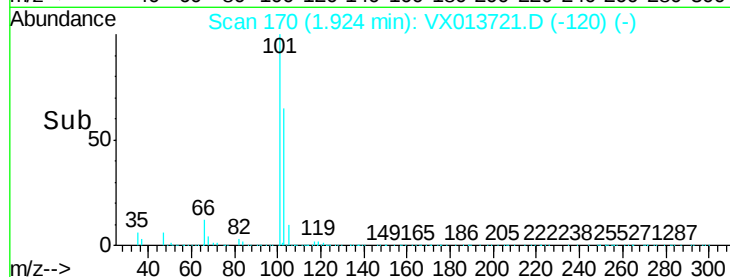
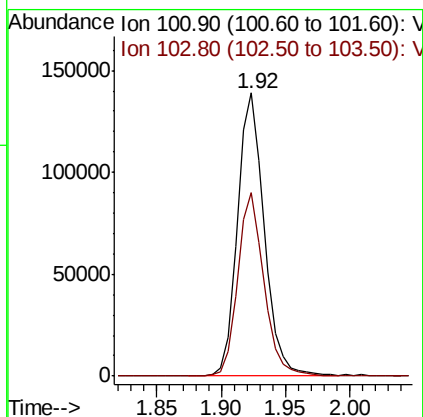
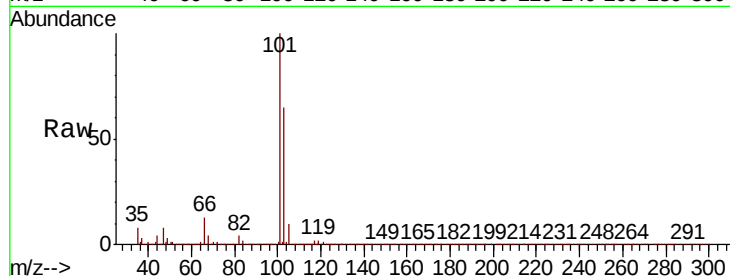
Trichlorofluoromethane
Concen: 19.404 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX013721.D
Acq: 03 Dec 2019 13:46

Instrument :
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VX1203WBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	199041		
103	64.8	51.8	77.6	

Manual Integrations
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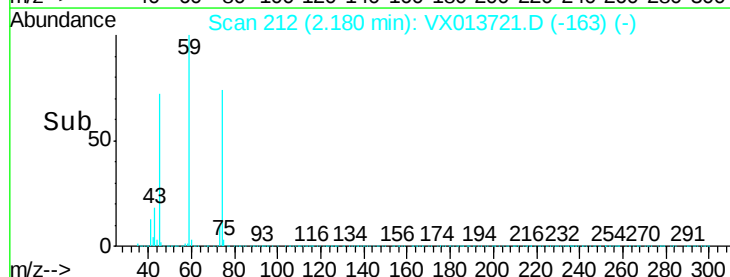
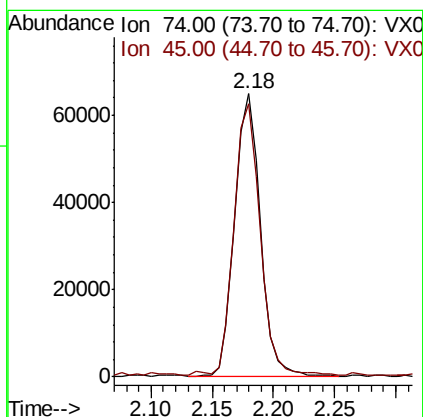
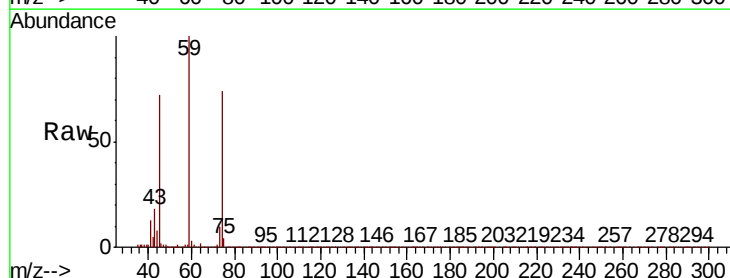
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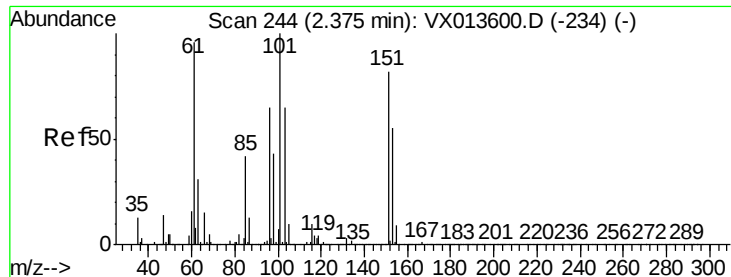


#8

Diethyl Ether
Concen: 20.145 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX013721.D
Acq: 03 Dec 2019 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	93491		
45	98.3	48.9	146.8	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.402 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX013721.D

Acq: 03 Dec 2019 13:46

Instrument :

MSVOA_X

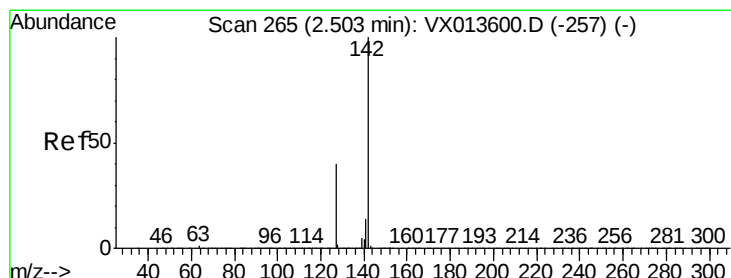
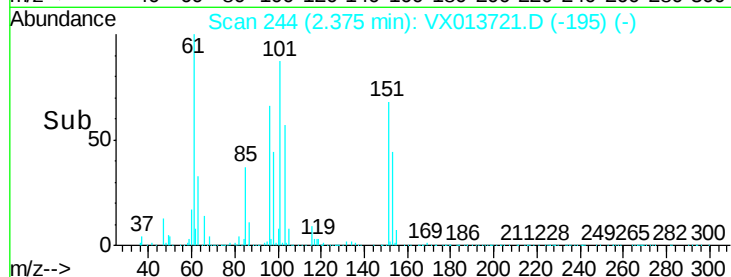
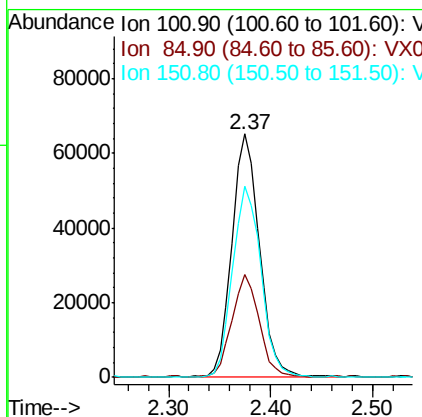
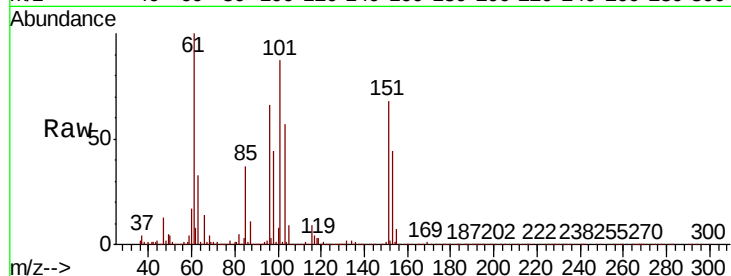
ClientSampleId :

VX1203WBS01

Tot Ion:	101	Resp:	121565
Ion Ratio	Lower	Upper	
101	100		
85	41.5	33.9	50.9
151	80.8	64.2	96.2

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#10

Methyl Iodide

Concen: 15.553 ug/l

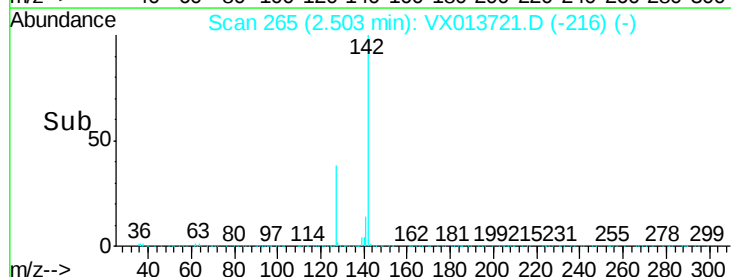
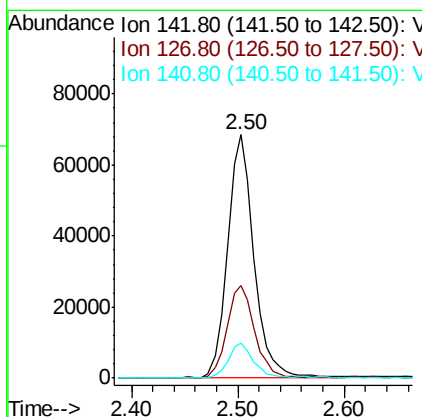
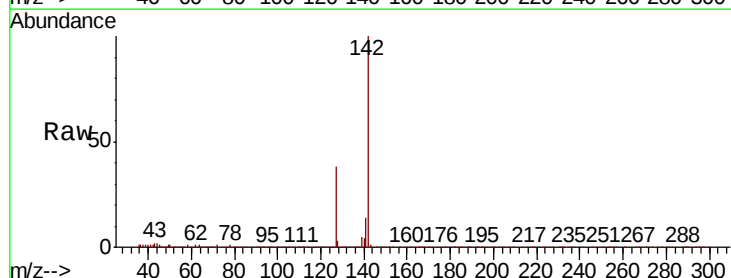
RT: 2.50 min Scan# 265

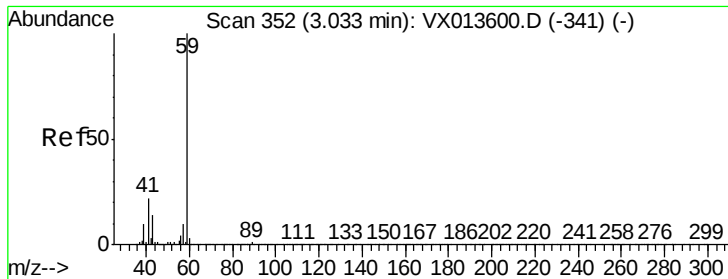
Delta R.T. -0.00 min

Lab File: VX013721.D

Acq: 03 Dec 2019 13:46

Tgt Ion:	142	Resp:	117886
Ion Ratio	Lower	Upper	
142	100		
127	39.8	31.0	46.4
141	14.1	11.6	17.4





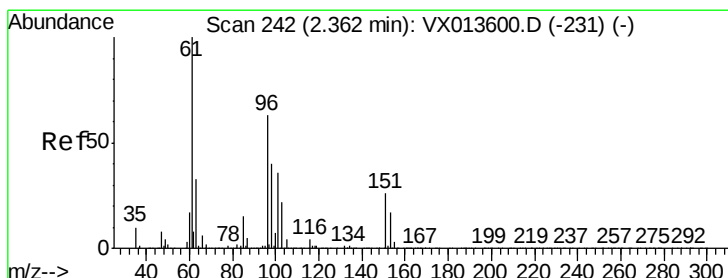
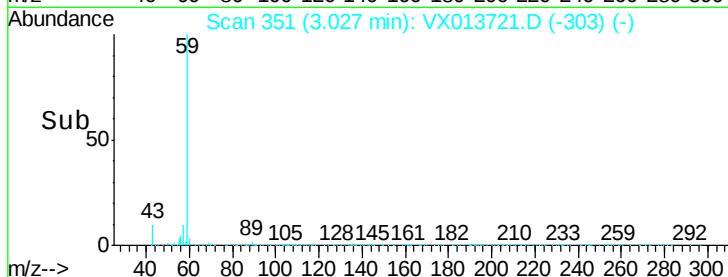
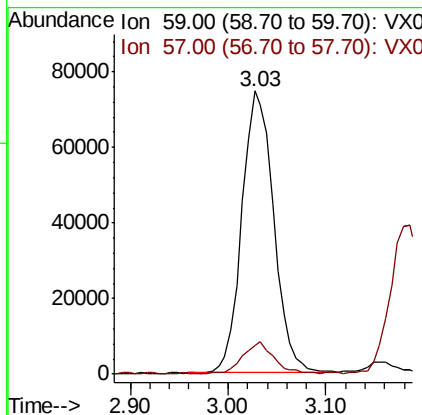
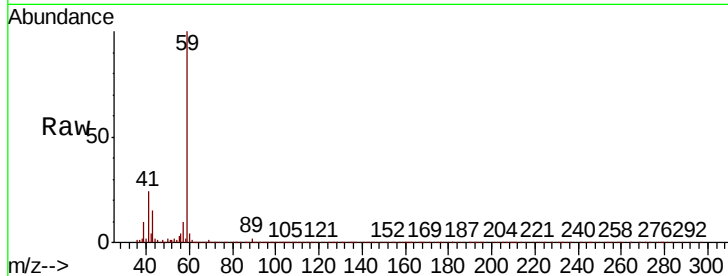
#11
Tert butyl alcohol
Concen: 89.792 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX013721.D
Acq: 03 Dec 2019 13:46

Instrument :
MSVOA_X
ClientSampleId :
VX1203WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	7.8	11.6

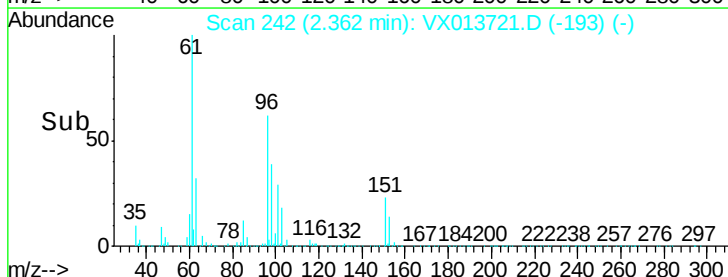
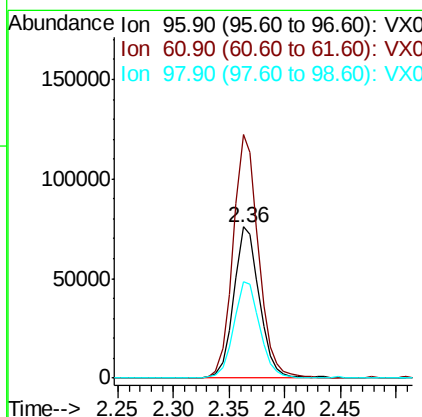
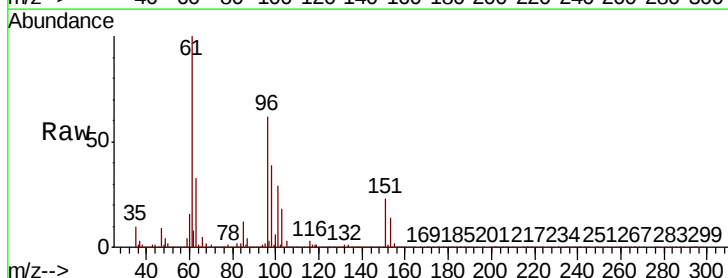
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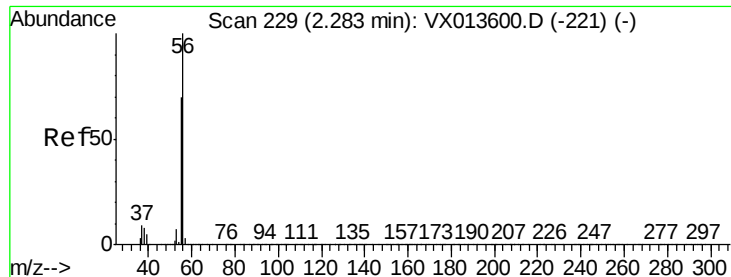
apatel
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#12
1,1-Dichloroethene
Concen: 19.232 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013721.D
Acq: 03 Dec 2019 13:46

Tgt Ion	Ratio	Lower	Upper
96	100		
61	161.0	126.6	190.0
98	63.2	50.6	76.0





#13

Acrolein

Concen: 88.165 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013721.D

Acq: 03 Dec 2019 13:46

Instrument :

MSVOA_X

ClientSampleId :

VX1203WBS01

Tot Ion: 56 Resp: 106008

Ion Ratio Lower Upper

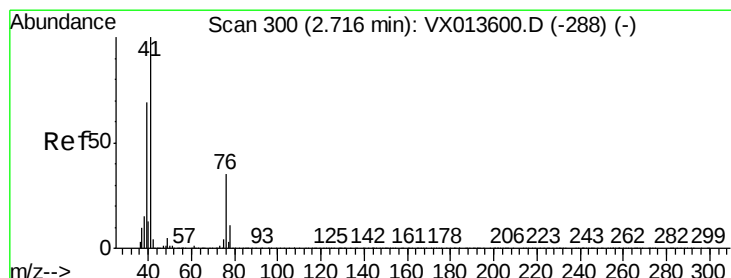
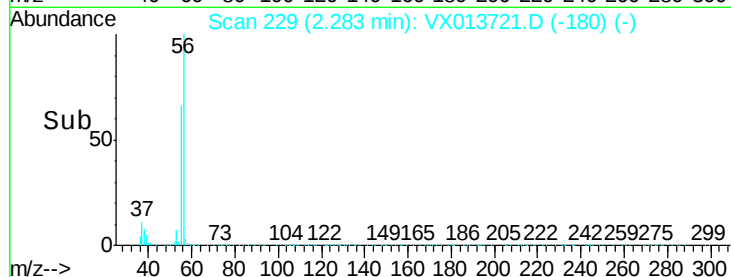
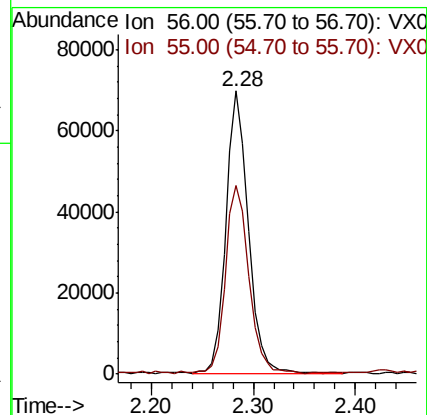
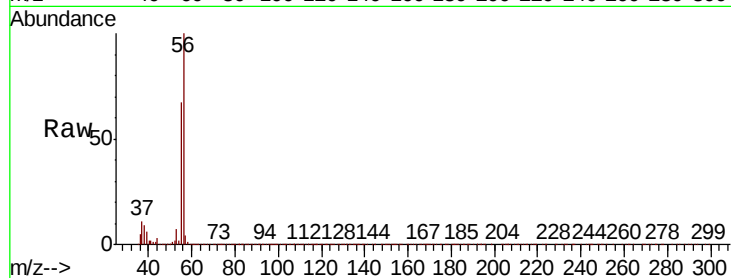
56 100

55 70.8 56.2 84.4

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#14

Allyl chloride

Concen: 19.623 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.01 min

Lab File: VX013721.D

Acq: 03 Dec 2019 13:46

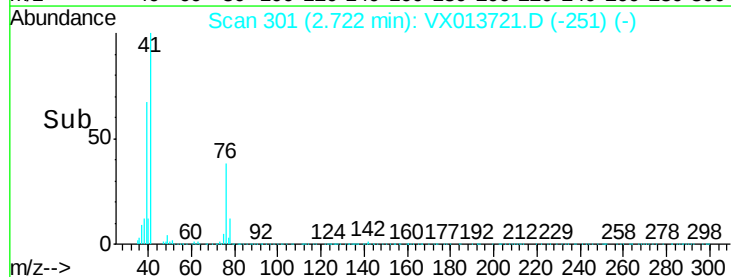
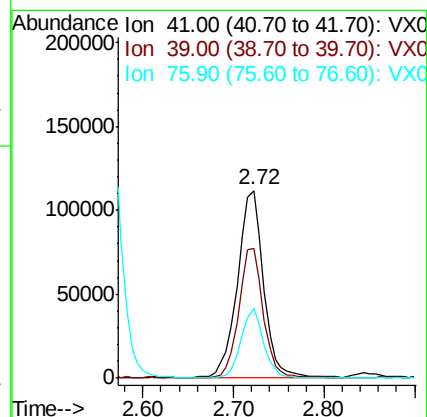
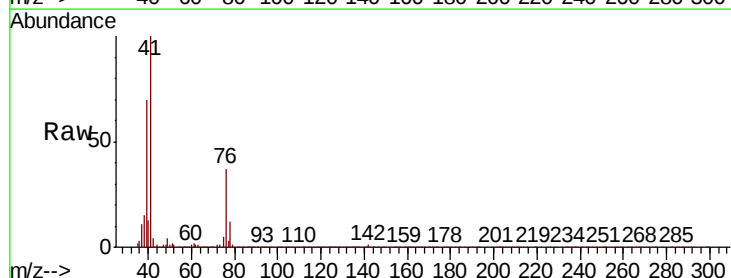
Tgt Ion: 41 Resp: 222716

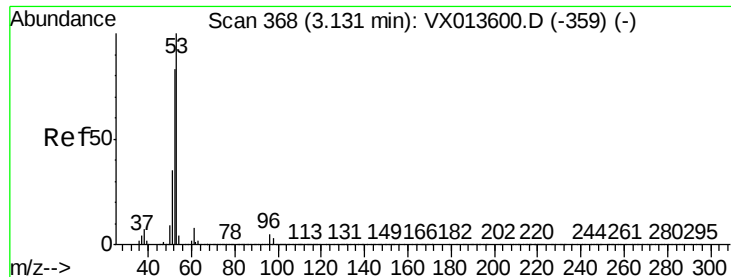
Ion Ratio Lower Upper

41 100

39 65.5 51.7 77.5

76 31.8 25.9 38.9





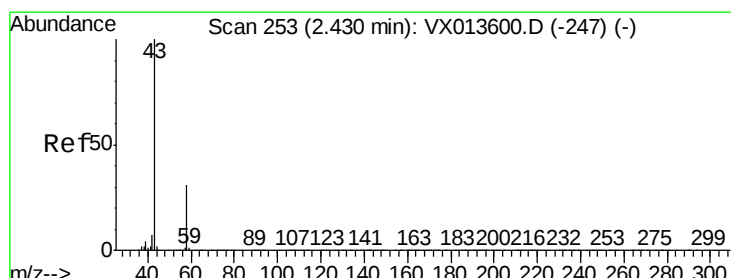
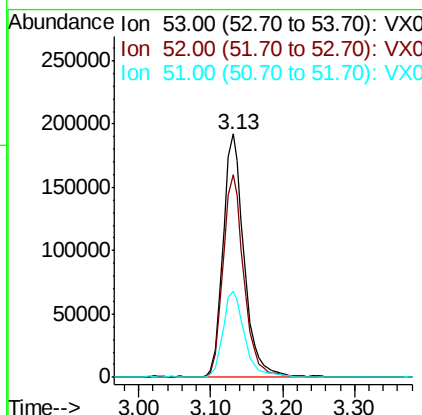
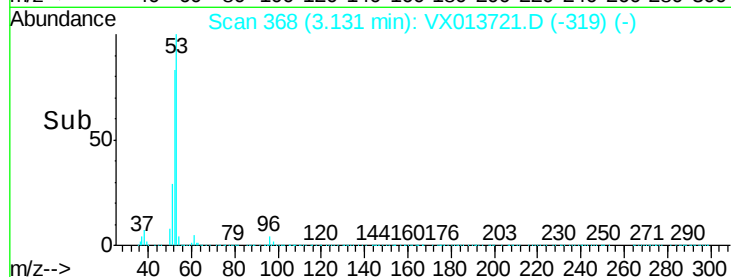
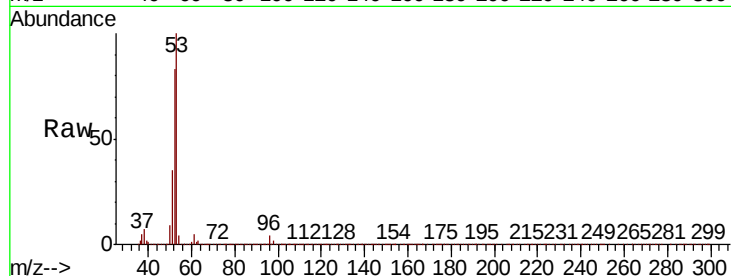
#15
 Acrylonitrile
 Concen: 100.525 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. -0.00 min
 Lab File: VX013721.D
 Acq: 03 Dec 2019 13:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1203WBS01

Tot Ion	Ion	Ratio	Lower	Upper
53	53	100		
52	52	82.2	66.2	99.2
51	51	35.8	29.0	43.6

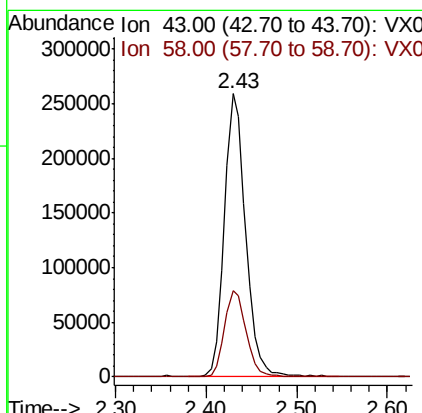
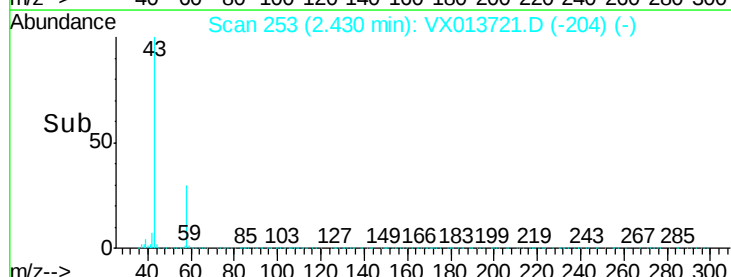
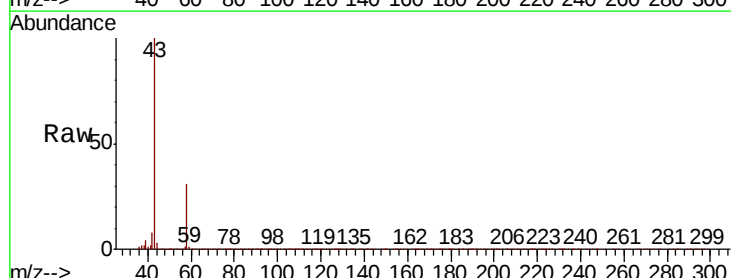
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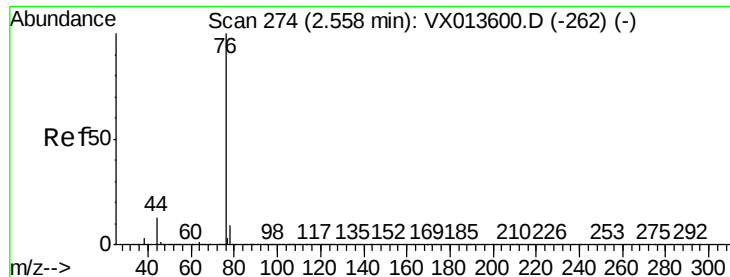
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#16
 Acetone
 Concen: 110.448 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. -0.00 min
 Lab File: VX013721.D
 Acq: 03 Dec 2019 13:46

Tgt Ion	Ion	Ratio	Lower	Upper
43	43	100		
58	58	30.5	24.6	36.8





#17

Carbon Disulfide

Concen: 17.786 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX013721.D

Acq: 03 Dec 2019 13:46

Instrument :

MSVOA_X

ClientSampleId :

VX1203WBS01

Tot Ion: 76 Resp: 317106

Ion Ratio Lower Upper

76 100

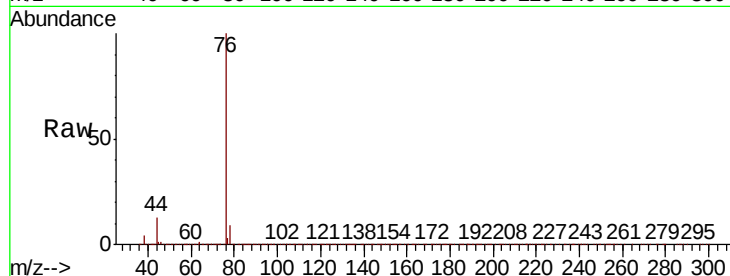
78 9.3 7.2 10.8

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

200000

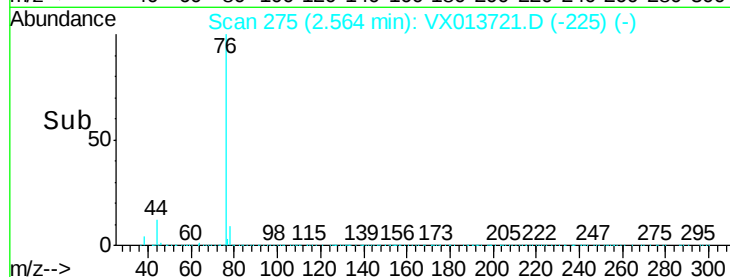
150000

100000

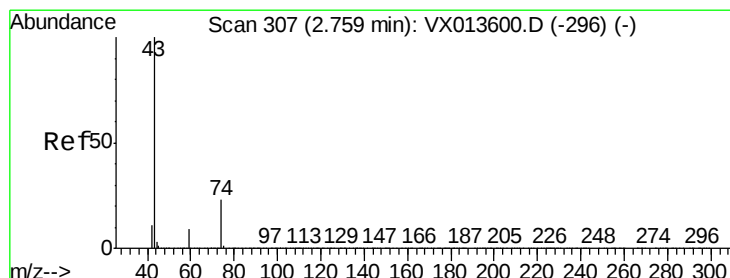
50000

0

Time-->



Time-->



#18

Methyl Acetate

Concen: 21.389 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.01 min

Lab File: VX013721.D

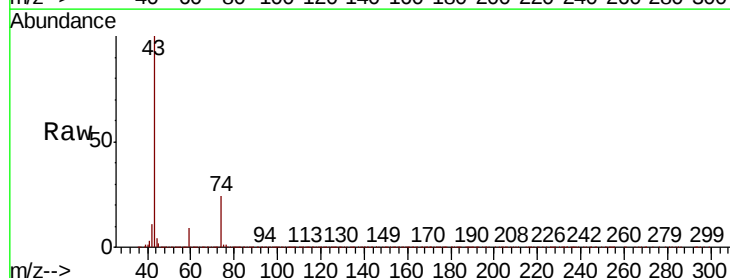
Acq: 03 Dec 2019 13:46

Tgt Ion: 43 Resp: 224319

Ion Ratio Lower Upper

43 100

74 23.4 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

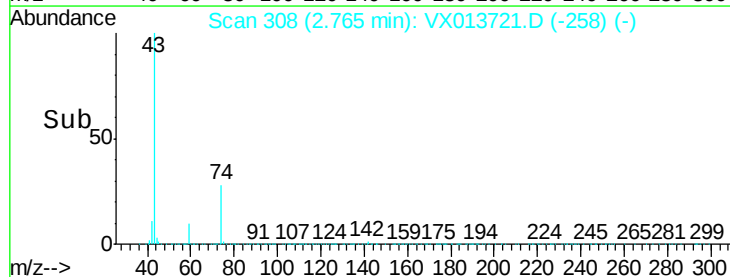
Ion 74.00 (73.70 to 74.70): VX0

100000

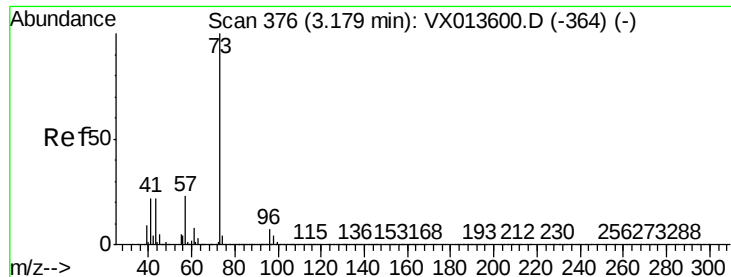
50000

0

Time-->



Time-->



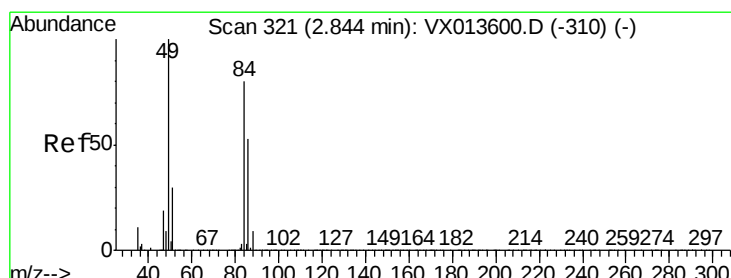
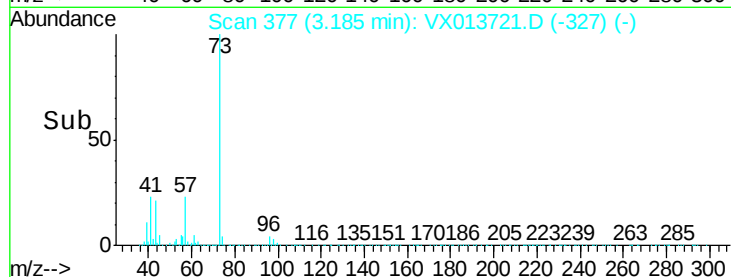
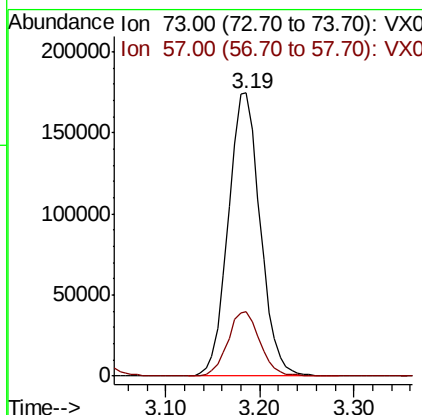
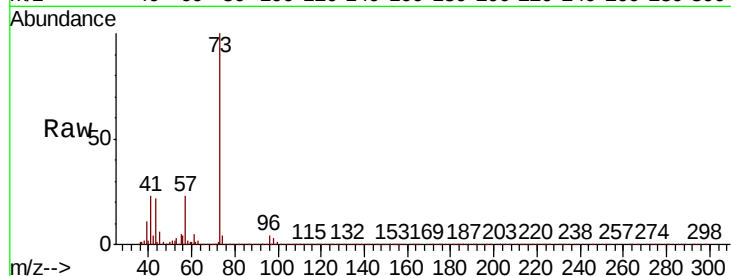
#19
Methvl tert-butvl Ether
Concen: 19.875 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.01 min
Lab File: VX013721.D
Acq: 03 Dec 2019 13:46

Instrument :
MSVOA_X
ClientSampleId :
VX1203WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.6	18.3	27.5

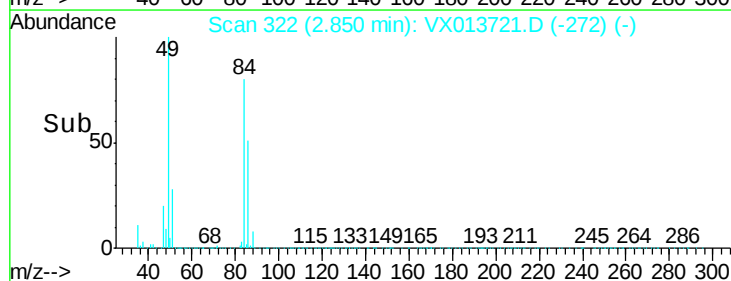
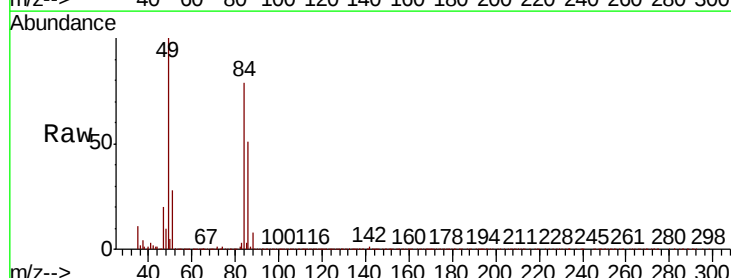
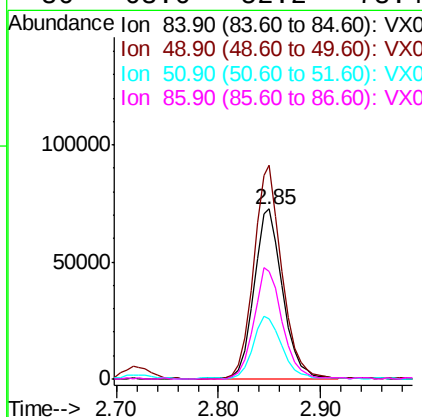
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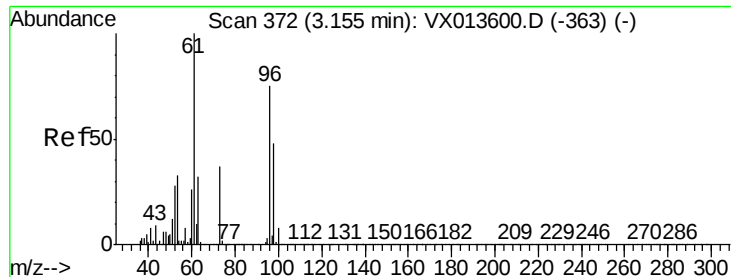
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#20
Methylene Chloride
Concen: 19.464 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013721.D
Acq: 03 Dec 2019 13:46

Tgt Ion	Ratio	Lower	Upper
84	100		
49	125.6	99.7	149.5
51	35.4	29.9	44.9
86	63.6	52.2	78.4





#21

trans-1,2-Dichloroethene

Concen: 19.119 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013721.D

Acq: 03 Dec 2019 13:46

Instrument :

MSVOA_X

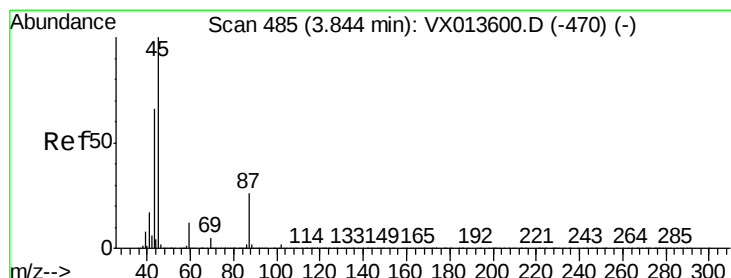
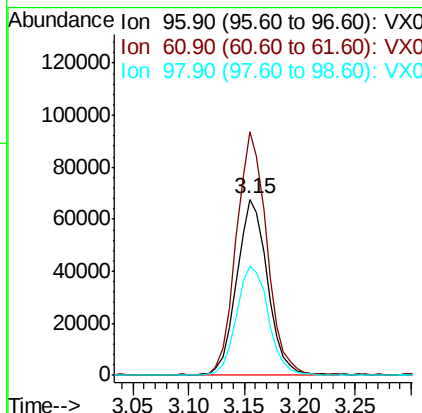
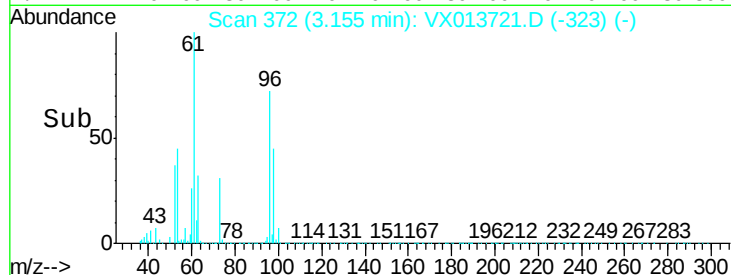
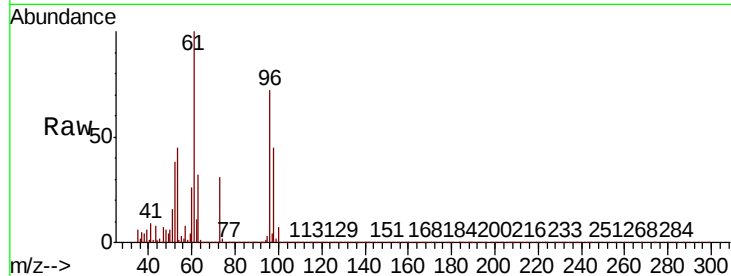
ClientSampleId :

VX1203WBS01

Tot Ion:	96	Resp:	130261
Ion Ratio	Lower	Upper	
96	100		
61	137.7	107.2	160.8
98	62.2	51.4	77.0

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#22

Diisopropyl ether

Concen: 20.444 ug/l

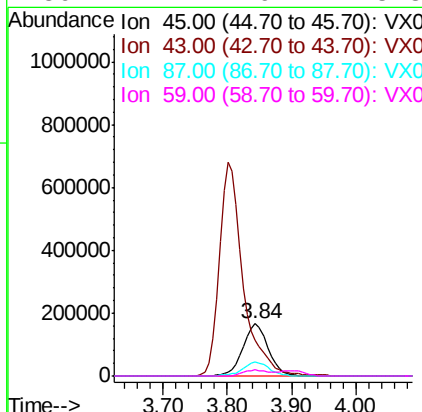
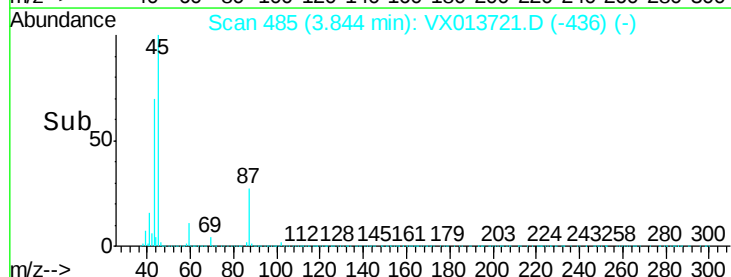
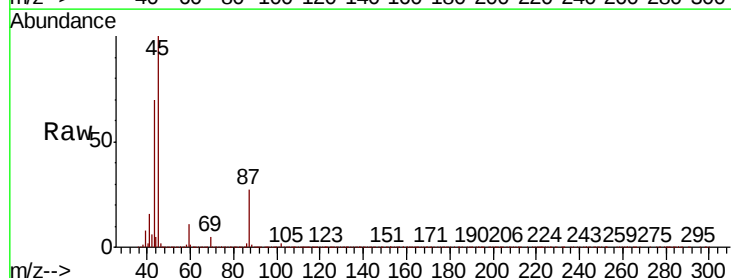
RT: 3.84 min Scan# 485

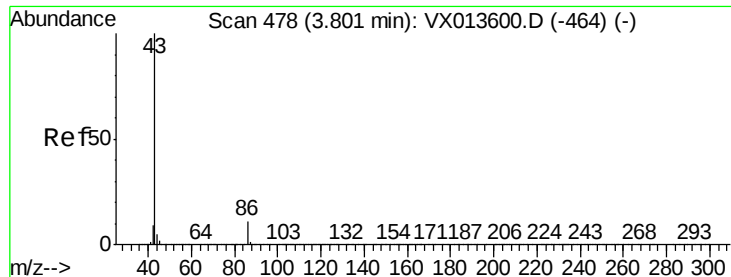
Delta R.T. -0.00 min

Lab File: VX013721.D

Acq: 03 Dec 2019 13:46

Tgt Ion:	45	Resp:	446805
Ion Ratio	Lower	Upper	
45	100		
43	69.7	52.6	79.0
87	27.0	21.1	31.7
59	11.1	9.2	13.8





#23

Vinyl Acetate

Concen: 97.243 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013721.D

Acq: 03 Dec 2019 13:46

Instrument :

MSVOA_X

ClientSampleId :

VX1203WBS01

Tot Ion: 43 Resp: 1767955

Ion Ratio Lower Upper

43 100

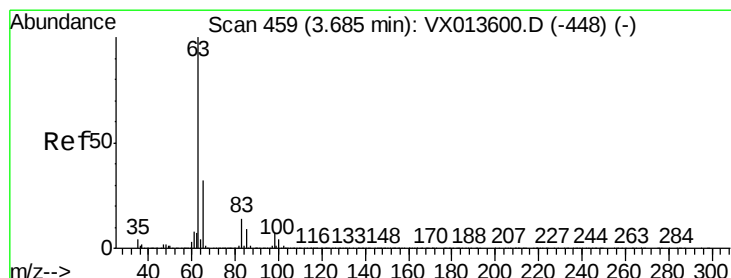
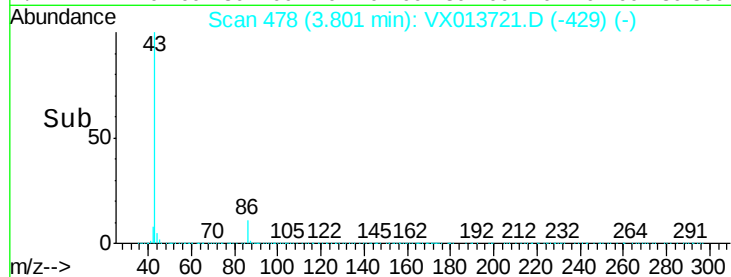
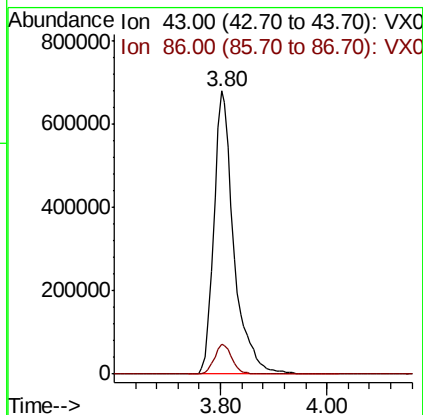
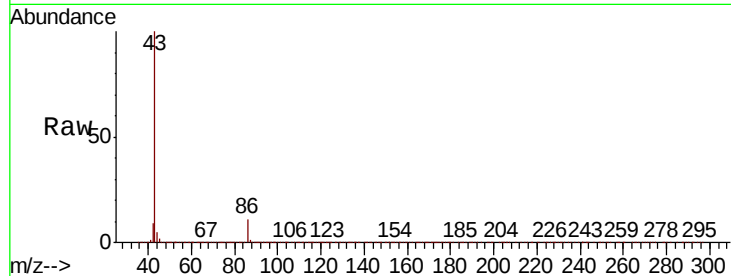
86 10.5 8.7 13.1

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#24

1,1-Dichloroethane

Concen: 19.997 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013721.D

Acq: 03 Dec 2019 13:46

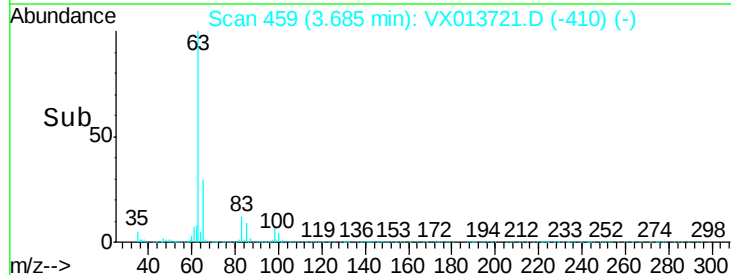
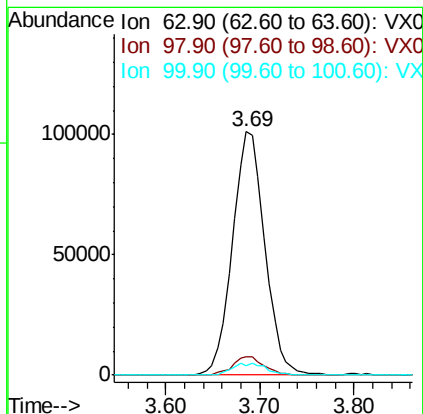
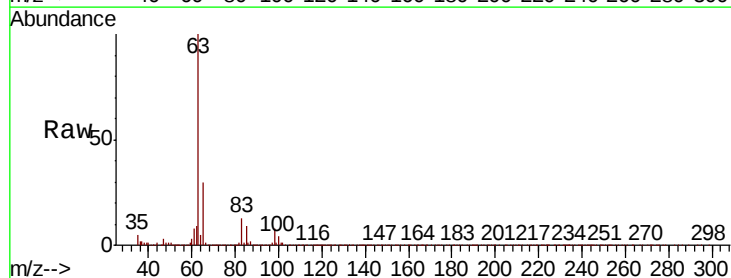
Tgt Ion: 63 Resp: 238903

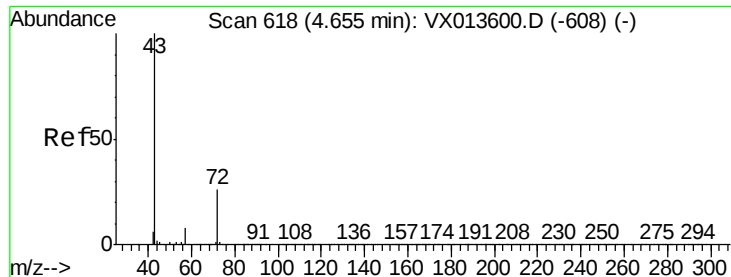
Ion Ratio Lower Upper

63 100

98 7.4 3.5 10.4

100 4.0 2.1 6.3





#25

2-Butanone

Concen: 103.517 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX013721.D

Acq: 03 Dec 2019 13:46

Instrument :

MSVOA_X

ClientSampleId :

VX1203WBS01

Tot Ion: 43 Resp: 579422

Ion Ratio Lower Upper

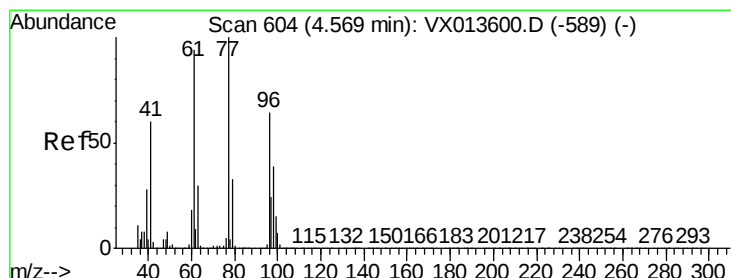
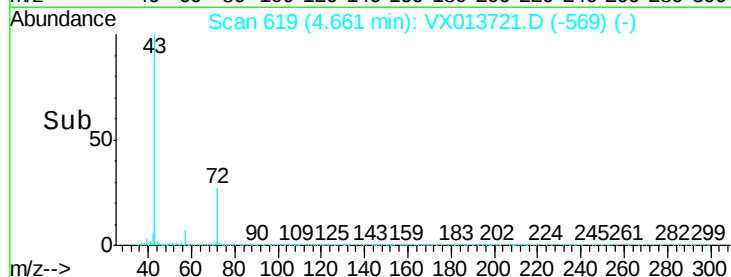
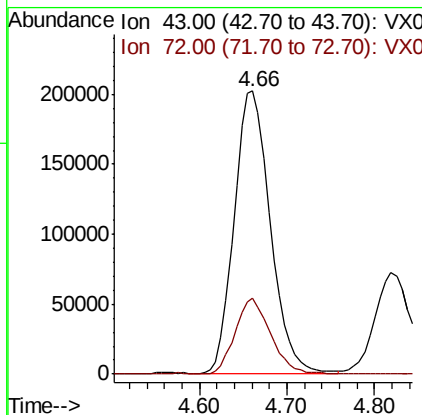
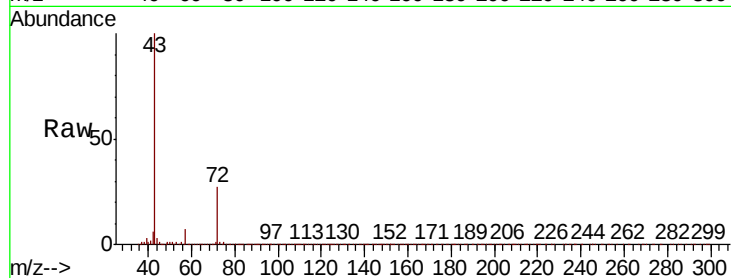
43 100

72 26.6 20.6 31.0

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#26

2,2-Dichloropropane

Concen: 19.528 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX013721.D

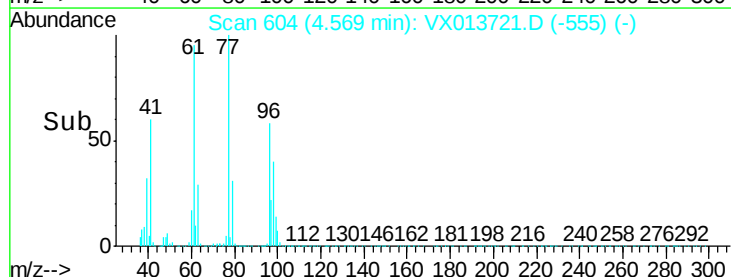
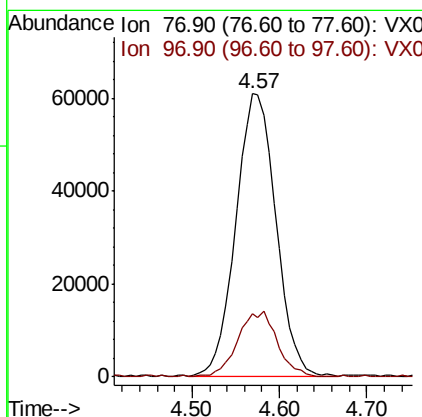
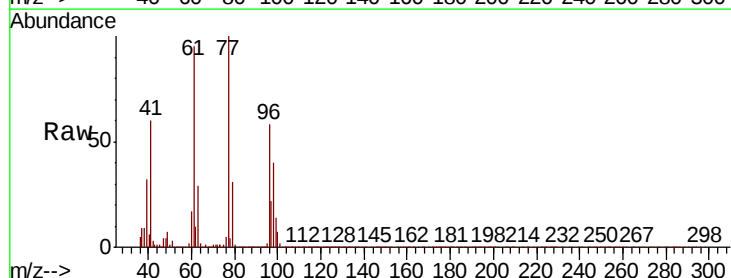
Acq: 03 Dec 2019 13:46

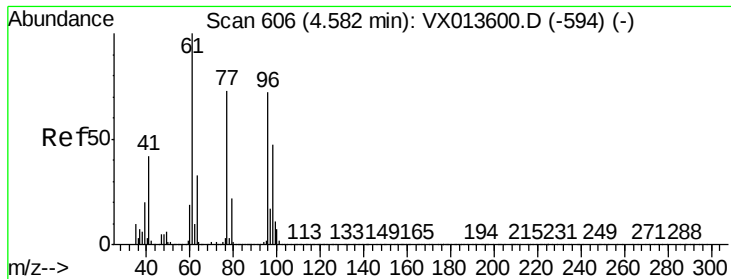
Tgt Ion: 77 Resp: 193025

Ion Ratio Lower Upper

77 100

97 22.5 12.0 36.1





#27

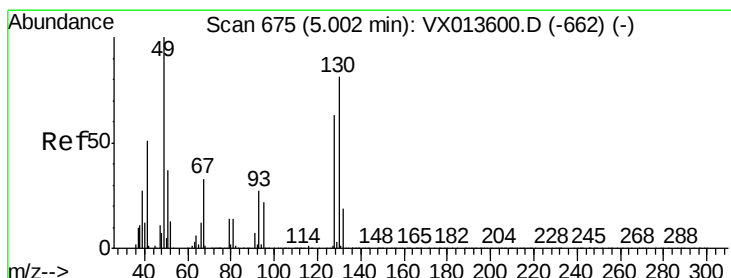
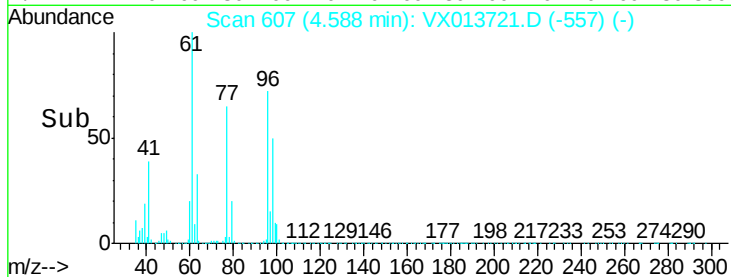
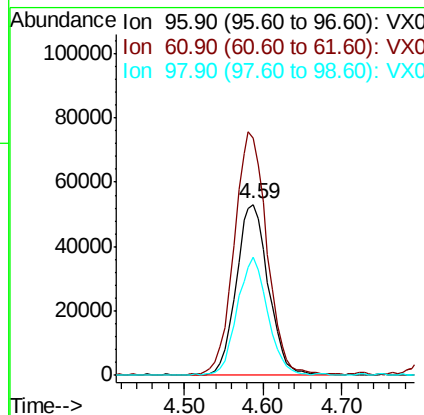
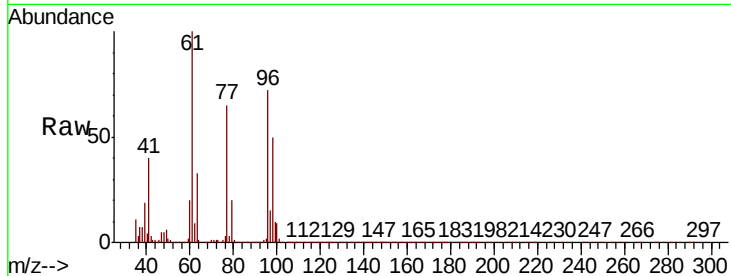
cis-1,2-Dichloroethene
Concen: 19.068 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013721.D
Acq: 03 Dec 2019 13:46

Instrument :
MSVOA_X
ClientSampleId :
VX1203WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	149196		
61	147.2	0.0	286.4	
98	66.8	0.0	127.4	

Manual Integrations
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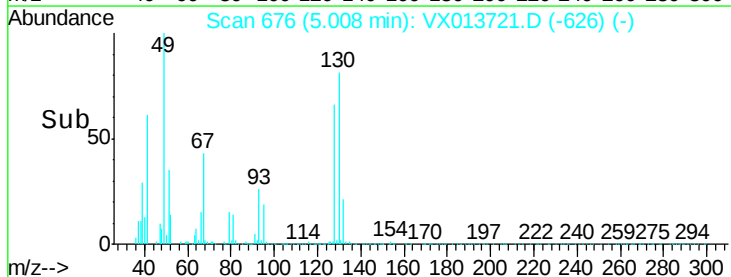
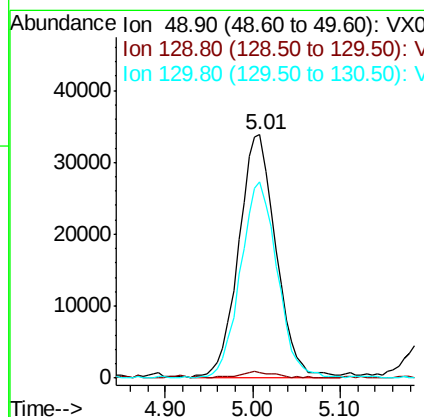
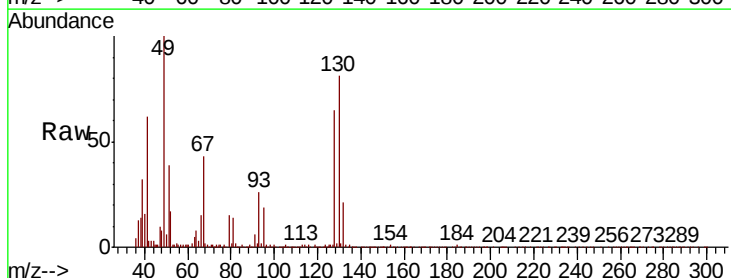
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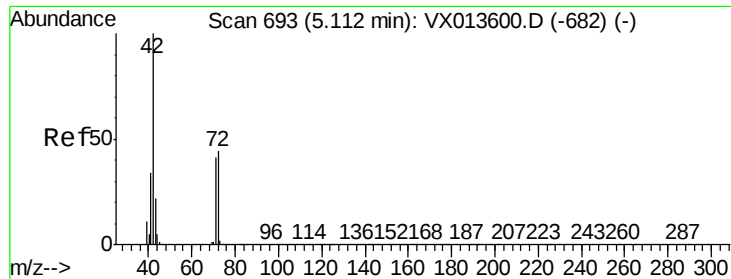


#28

Bromochloromethane
Concen: 21.392 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX013721.D
Acq: 03 Dec 2019 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	101033		
129	2.5	0.0	5.0	
130	78.6	65.4	98.0	





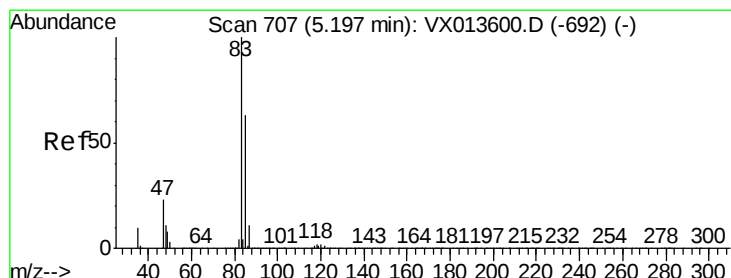
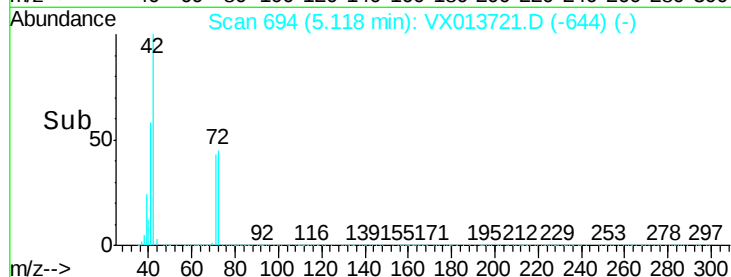
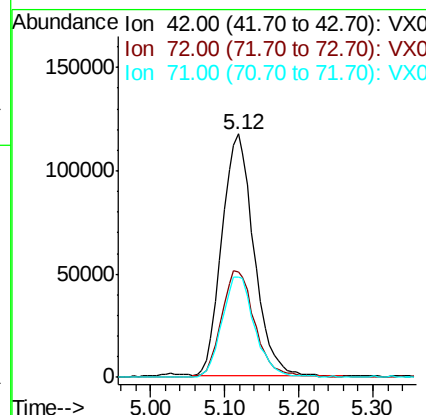
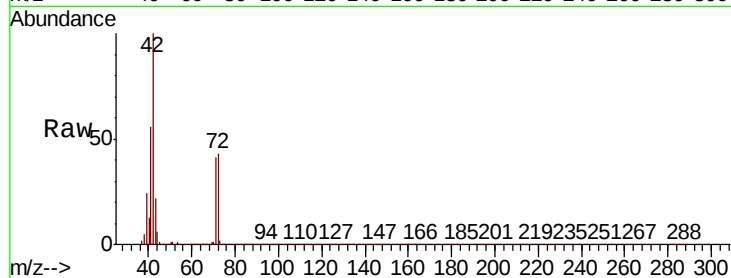
#29
Tetrahydrofuran
Concen: 101.971 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX013721.D
Acq: 03 Dec 2019 13:46

Instrument :
MSVOA_X
ClientSampleId :
VX1203WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.6	36.3	54.5
71	41.7	33.2	49.8

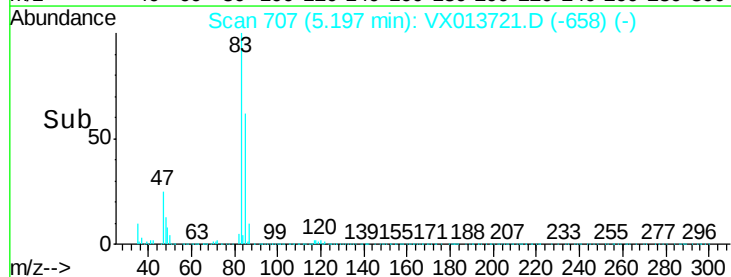
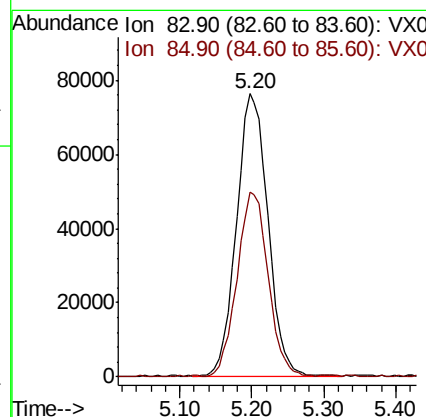
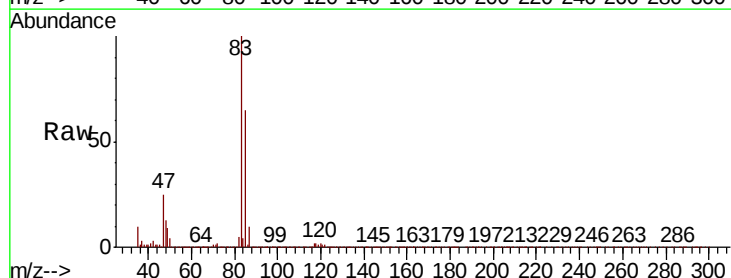
Manual Integrations
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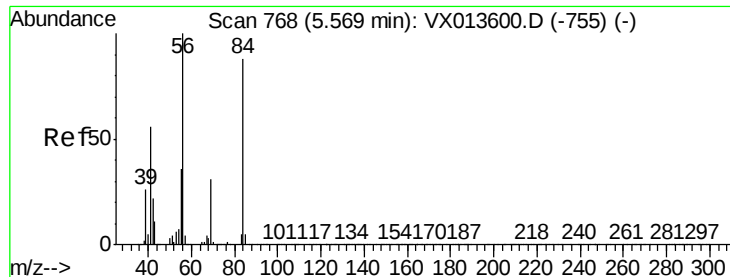
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#30
Chloroform
Concen: 19.025 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX013721.D
Acq: 03 Dec 2019 13:46

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.9	50.2	75.4





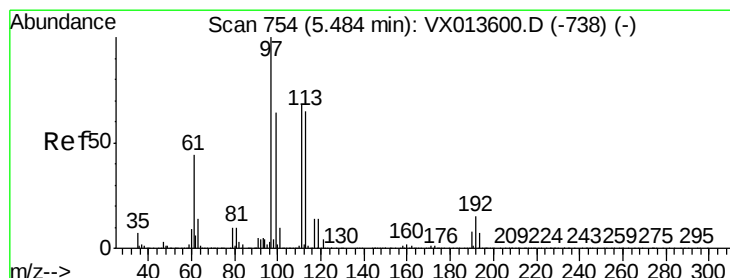
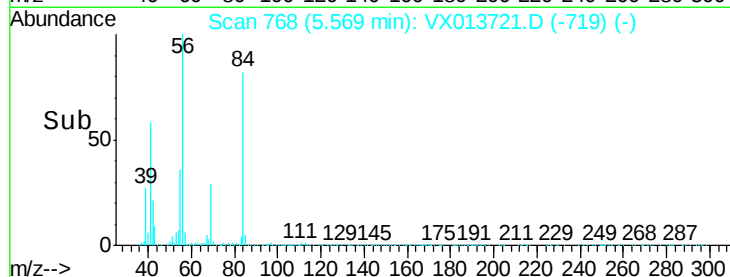
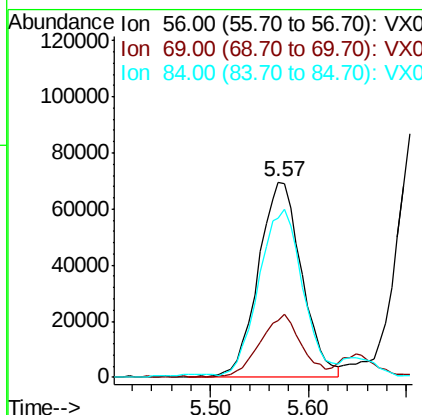
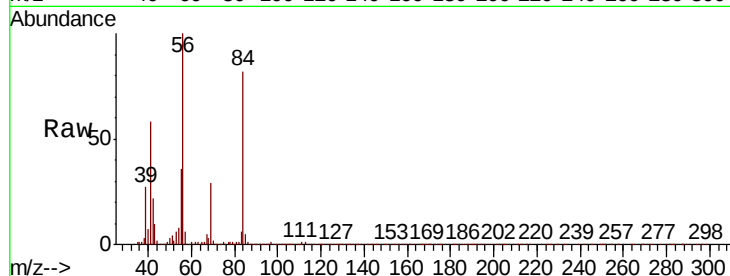
#31
Cyclohexane
Concen: 19.109 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX013721.D
Acq: 03 Dec 2019 13:46

Instrument :
MSVOA_X
ClientSampleId :
VX1203WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.9	24.6	36.8
84	80.3	70.0	105.0

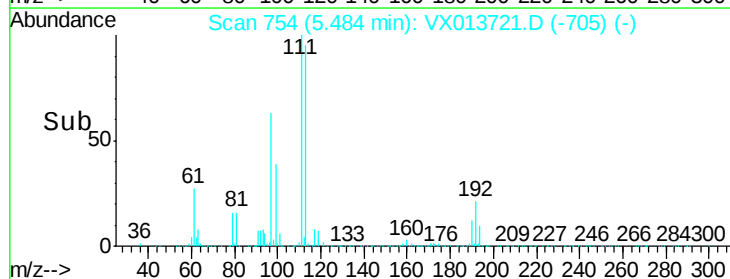
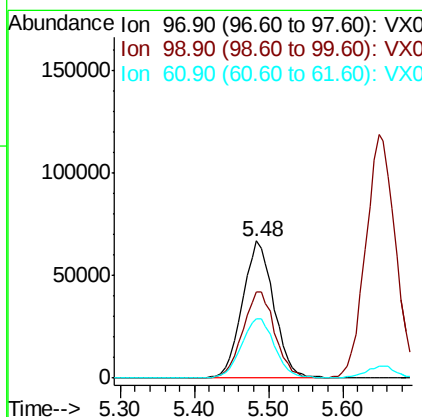
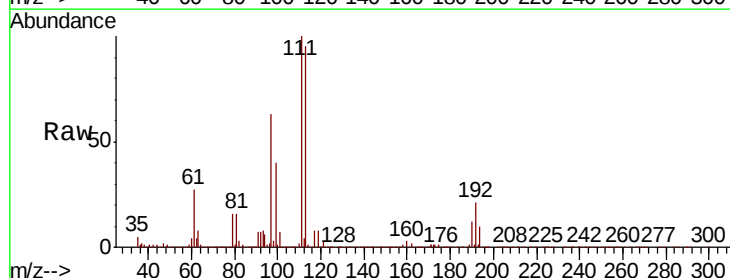
Manual Integrations
APPROVED

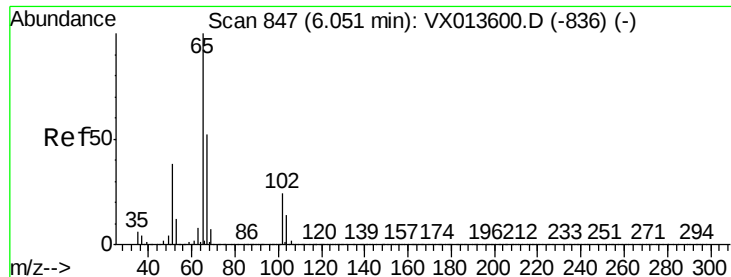
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#32
1,1,1-Trichloroethane
Concen: 19.556 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX013721.D
Acq: 03 Dec 2019 13:46

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.6	77.4
61	45.1	36.1	54.1





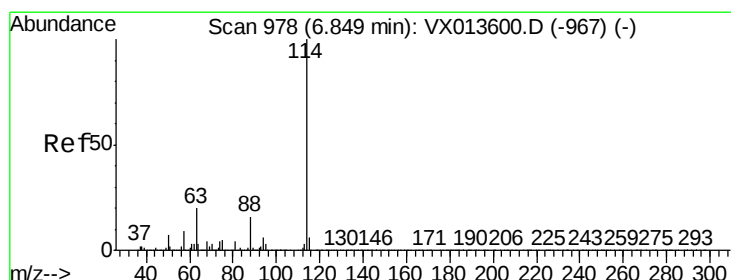
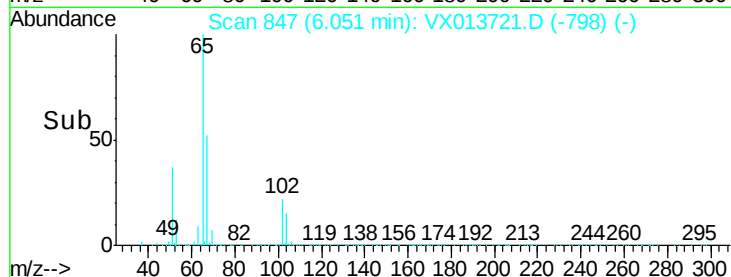
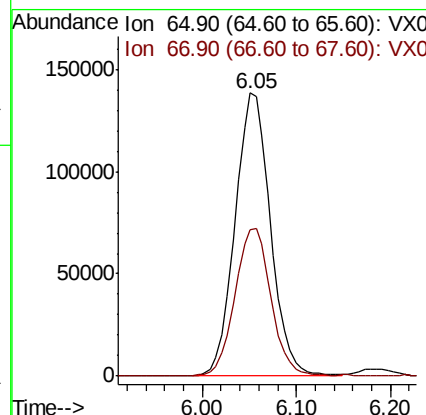
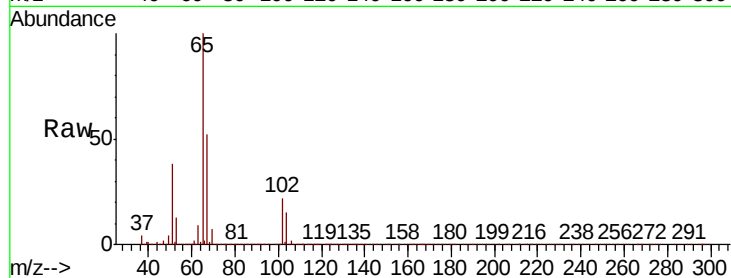
#33
 1,2-Dichloroethane-d4
 Concen: 47.199 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX013721.D
 Acq: 03 Dec 2019 13:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1203WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	360052		
67	53.0	0.0	104.4	

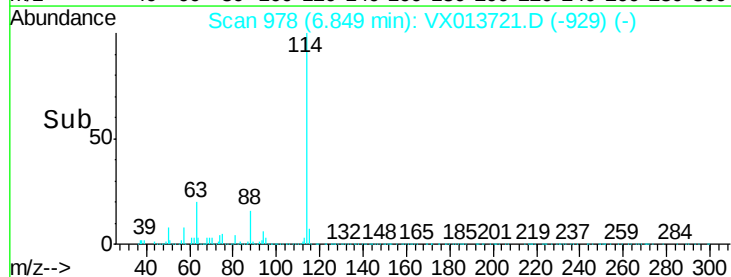
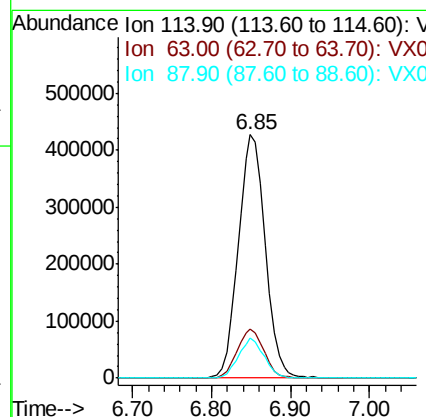
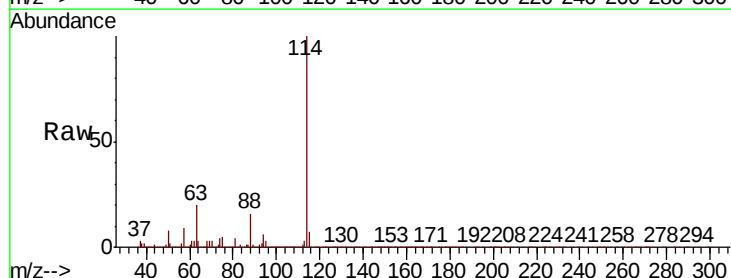
Manual Integrations
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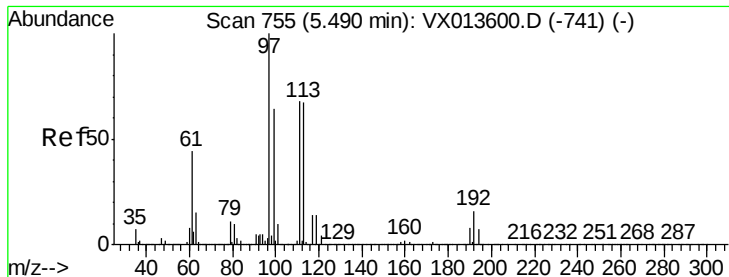
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013721.D
 Acq: 03 Dec 2019 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	1012588		
63	20.2	0.0	39.6	
88	16.3	0.0	31.4	





#35

Dibromofluoromethane

Concen: 47.402 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX013721.D

Acq: 03 Dec 2019 13:46

Instrument :

MSVOA_X

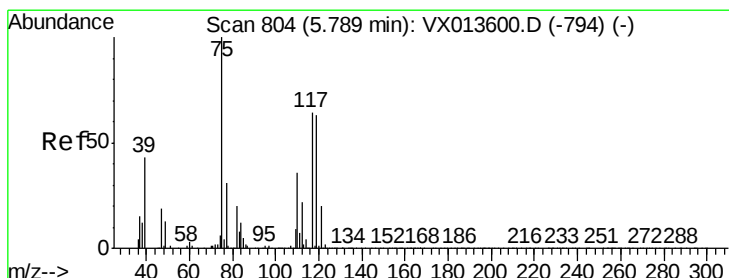
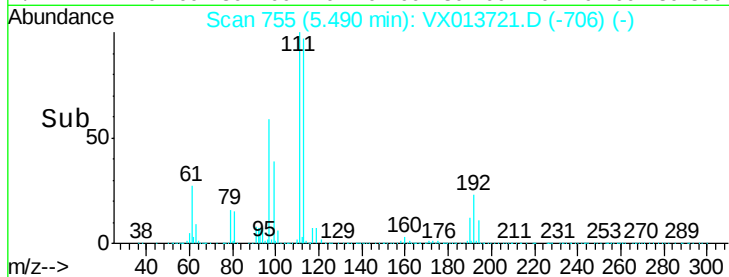
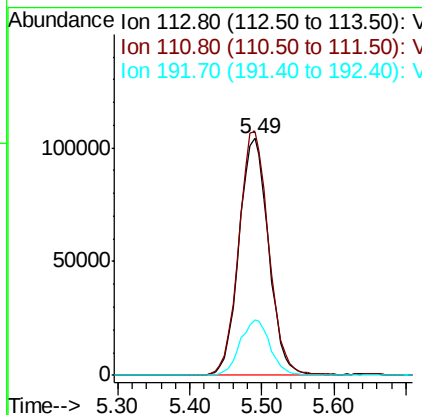
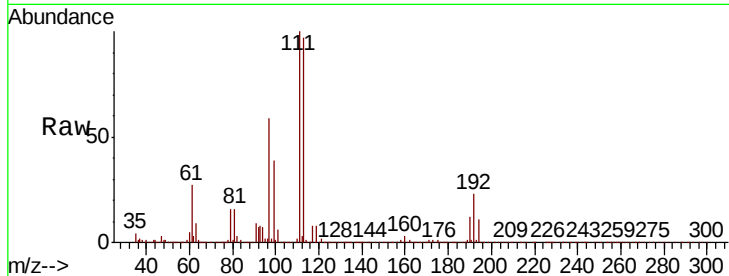
ClientSampleId :

VX1203WBS01

Tot Ion:	113	Resp:	296732
Ion Ratio	Lower	Upper	
113	100		
111	102.9	83.6	125.4
192	23.7	19.2	28.8

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 18.897 ug/l

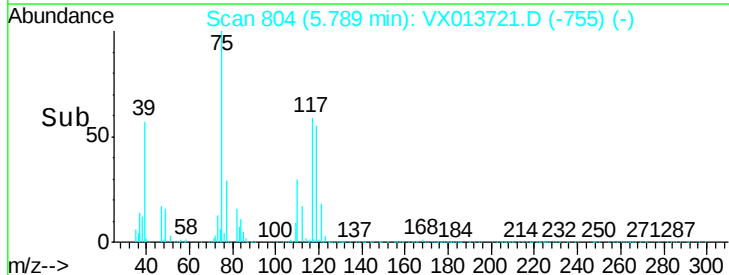
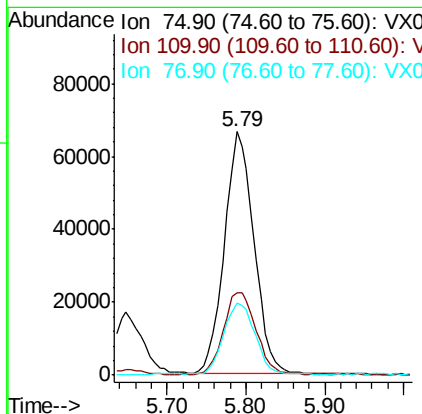
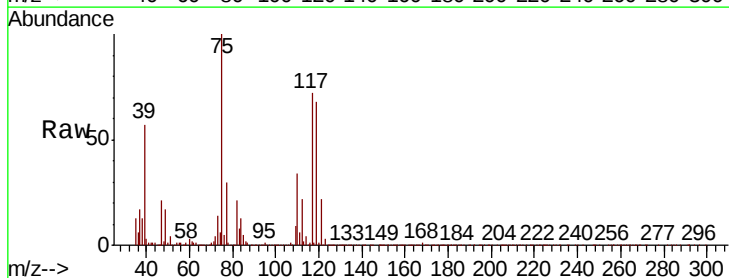
RT: 5.79 min Scan# 804

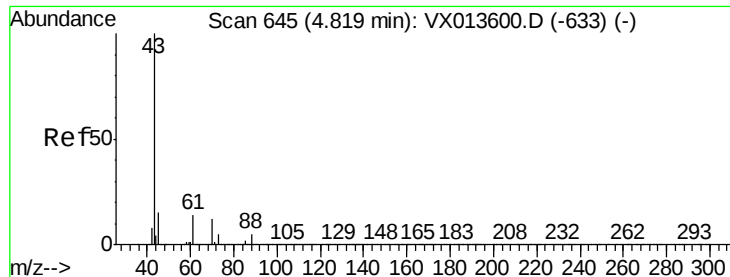
Delta R.T. 0.00 min

Lab File: VX013721.D

Acq: 03 Dec 2019 13:46

Tgt Ion:	75	Resp:	173700
Ion Ratio	Lower	Upper	
75	100		
110	37.2	18.1	54.1
77	30.6	24.5	36.7





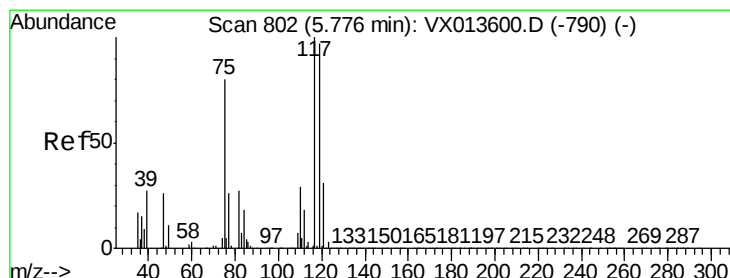
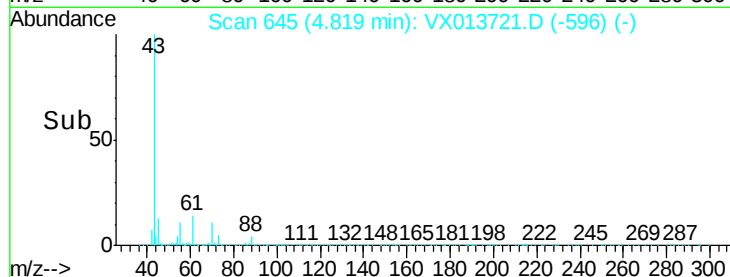
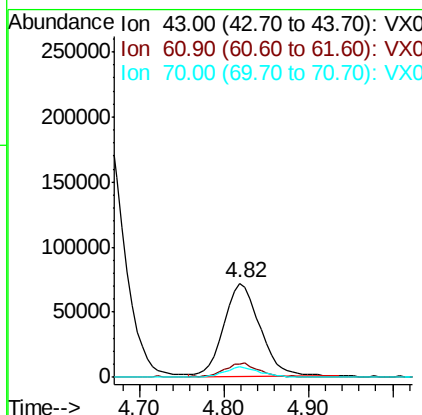
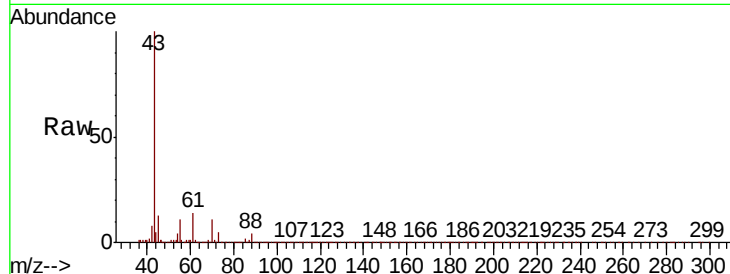
#37
Ethyl Acetate
Concen: 20.276 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013721.D
Acq: 03 Dec 2019 13:46

Instrument :
MSVOA_X
ClientSampleId :
VX1203WBS01

Tot Ion	43	Resp	209085
Ion Ratio	Lower	Upper	
43	100		
61	14.1	11.0	16.4
70	10.4	8.6	12.8

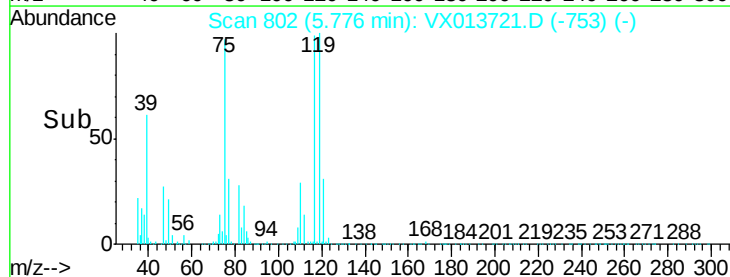
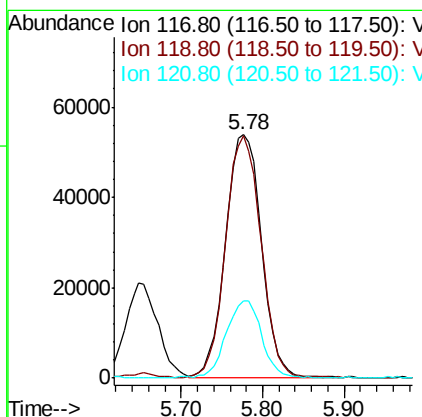
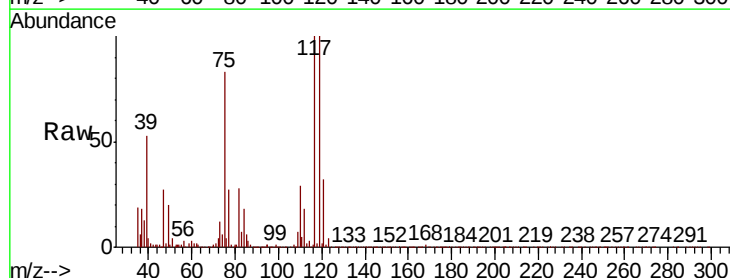
Manual Integrations
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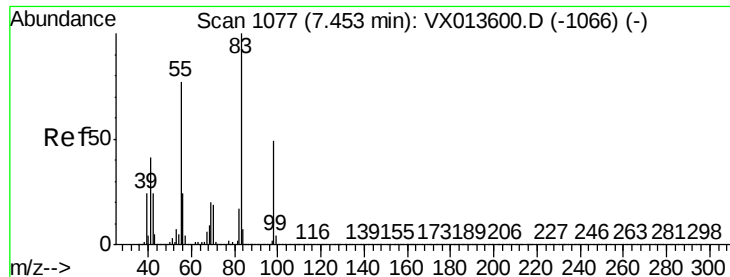
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#38
Carbon Tetrachloride
Concen: 19.324 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013721.D
Acq: 03 Dec 2019 13:46

Tgt Ion	117	Resp	163780
Ion Ratio	Lower	Upper	
117	100		
119	99.4	77.5	116.3
121	31.2	25.0	37.6





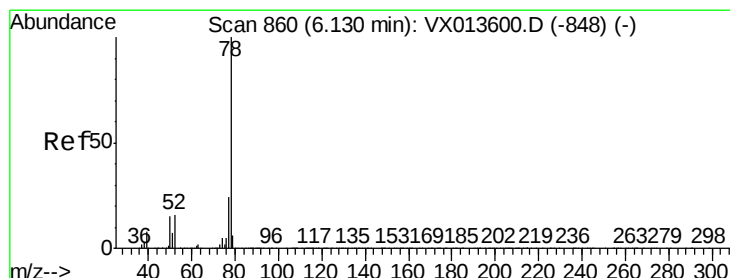
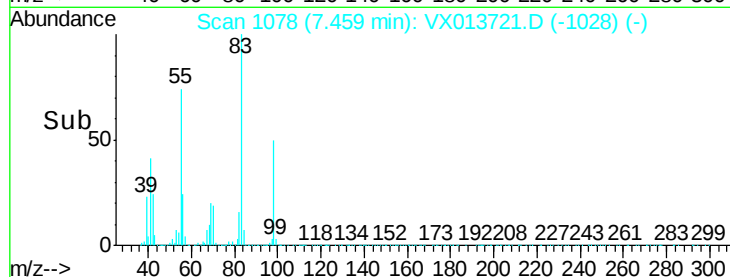
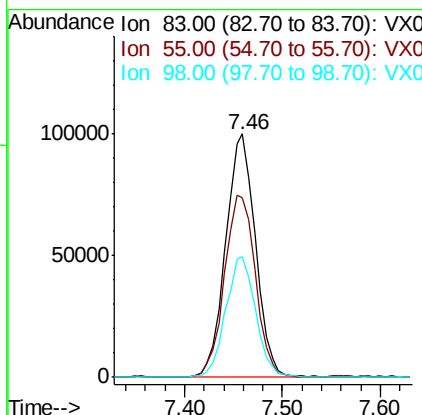
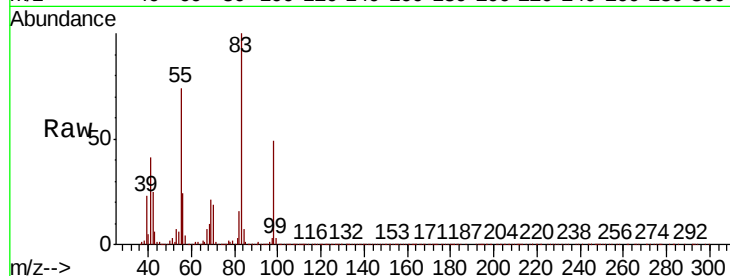
#39
Methvlcvclohexane
Concen: 18.550 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX013721.D
Acq: 03 Dec 2019 13:46

Instrument :
MSVOA_X
ClientSampleId :
VX1203WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.8	61.9	92.9
98	49.4	39.4	59.0

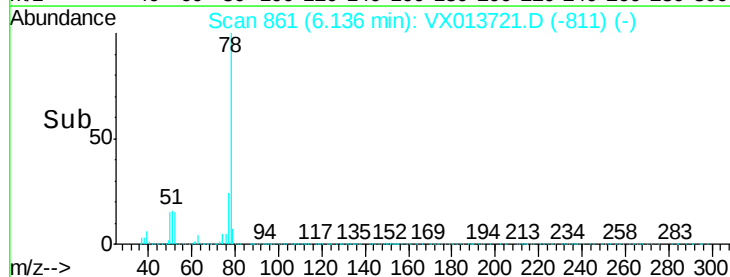
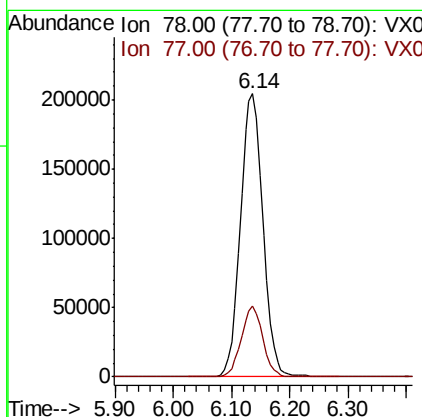
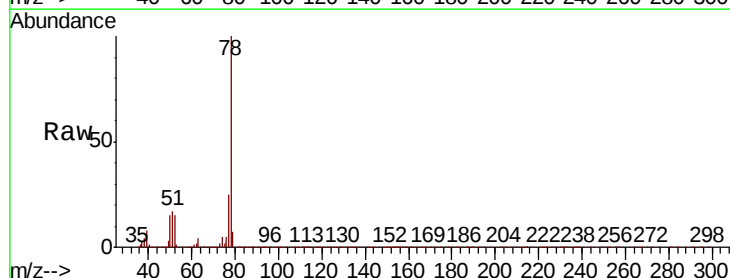
Manual Integrations
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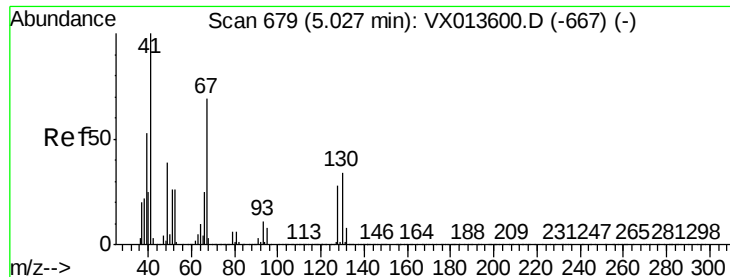
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#40
Benzene
Concen: 19.591 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013721.D
Acq: 03 Dec 2019 13:46

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.9	19.0	28.4





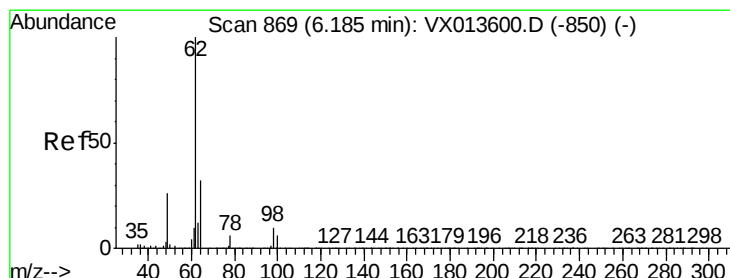
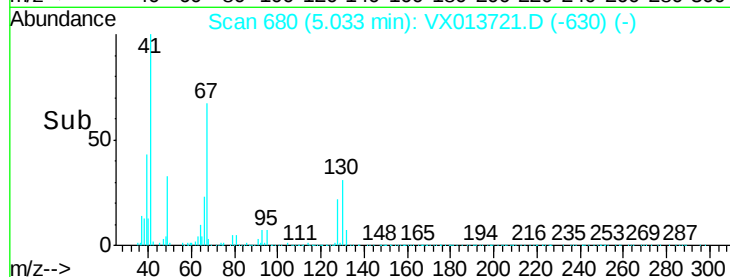
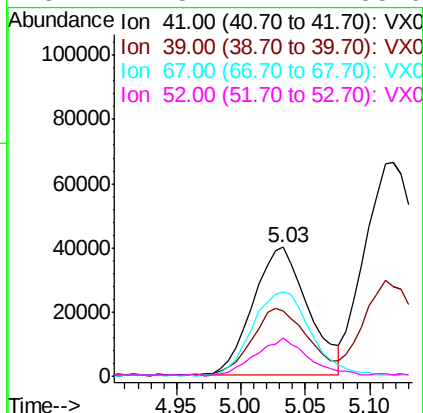
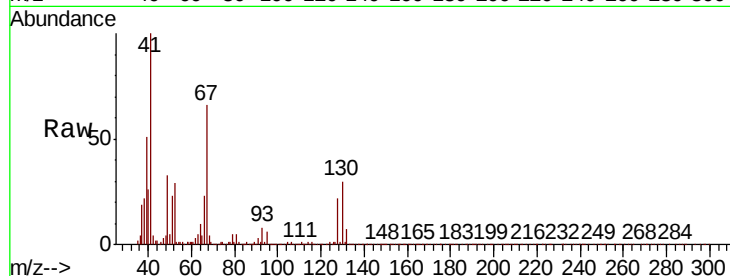
#41
Methacrylonitrile
Concen: 20.946 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX013721.D
Acq: 03 Dec 2019 13:46

Instrument :
MSVOA_X
ClientSampleId :
VX1203WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.2	42.9	64.3	
67	70.2	57.4	86.0	
52	27.8	22.4	33.6	

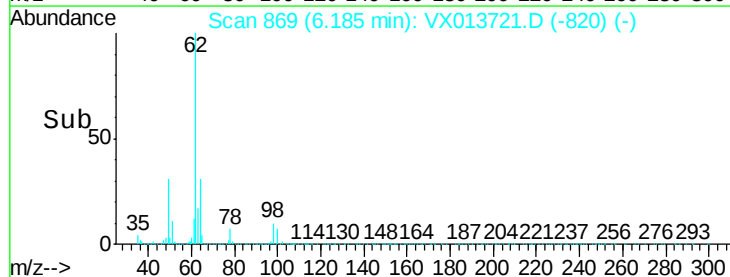
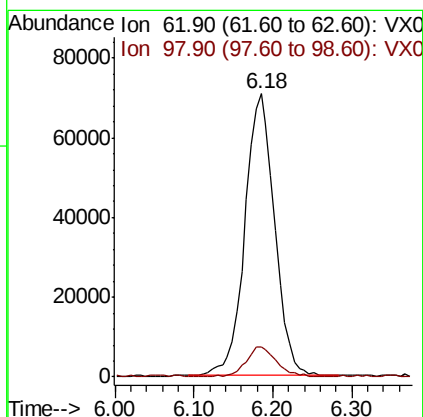
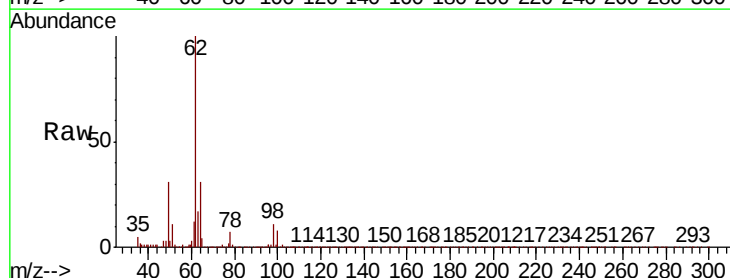
Manual Integrations
APPROVED

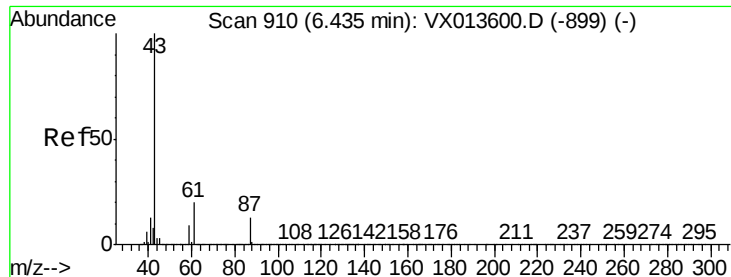
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#42
1,2-Dichloroethane
Concen: 19.334 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.00 min
Lab File: VX013721.D
Acq: 03 Dec 2019 13:46

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	11.2	0.0	20.8	





#43

Isopropyl Acetate

Concen: 19.884 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX013721.D

Acq: 03 Dec 2019 13:46

Instrument :

MSVOA_X

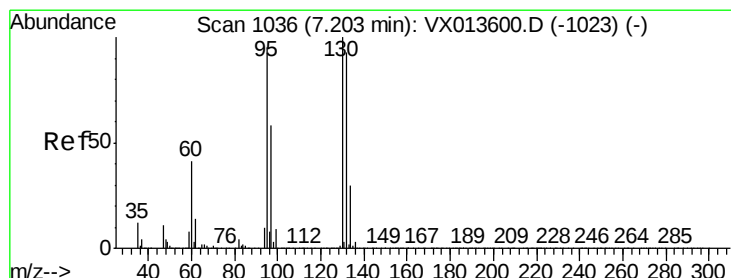
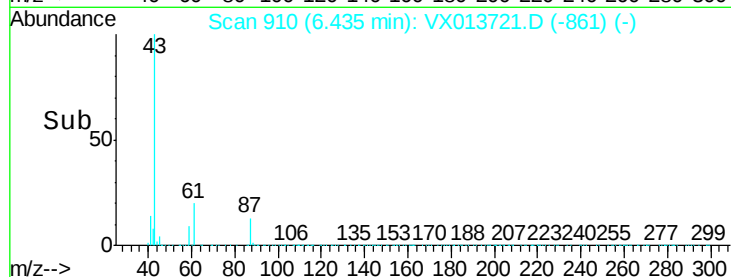
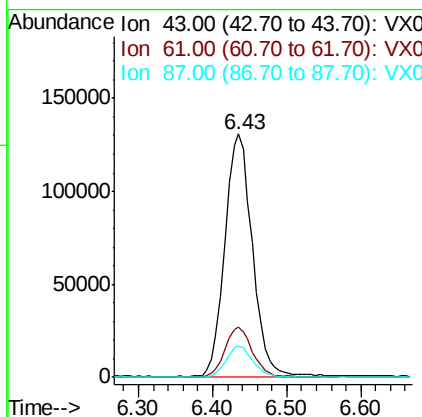
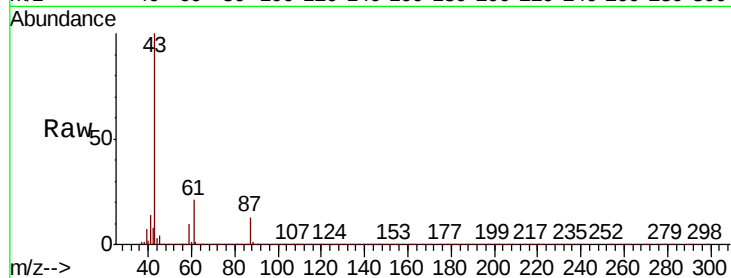
ClientSampleId :

VX1203WBS01

Tot Ion:	43	Resp:	337562
Ion Ratio		Lower	Upper
43	100		
61	20.2	16.3	24.5
87	12.4	10.8	16.2

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#44

Trichloroethene

Concen: 18.860 ug/l

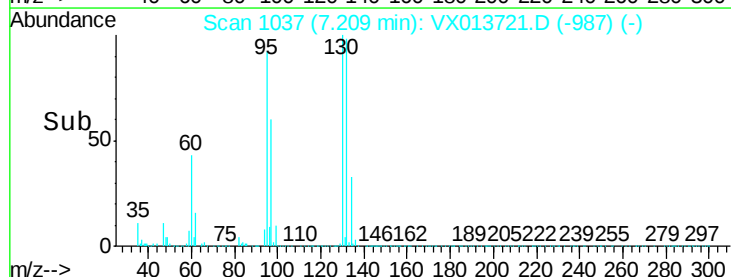
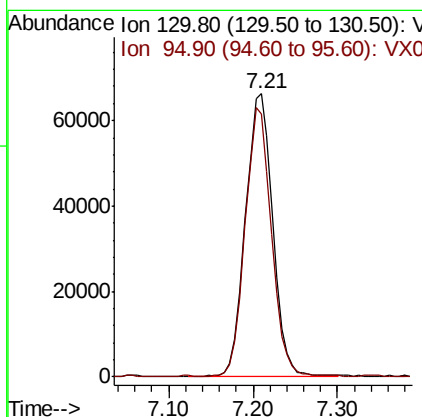
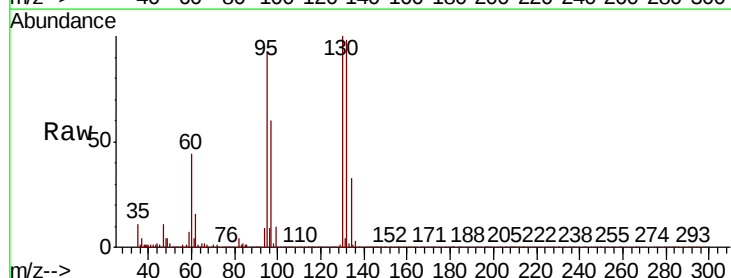
RT: 7.21 min Scan# 1037

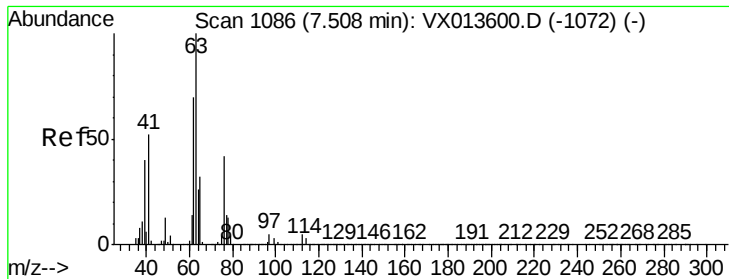
Delta R.T. 0.01 min

Lab File: VX013721.D

Acq: 03 Dec 2019 13:46

Tgt Ion:	130	Resp:	144902
Ion Ratio		Lower	Upper
130	100		
95	92.5	0.0	190.8





#45

1,2-Dichloropropane

Concen: 19.863 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX013721.D

Acq: 03 Dec 2019 13:46

Instrument :

MSVOA_X

ClientSampleId :

VX1203WBS01

Tot Ion: 63 Resp: 139123

Ion Ratio Lower Upper

63 100

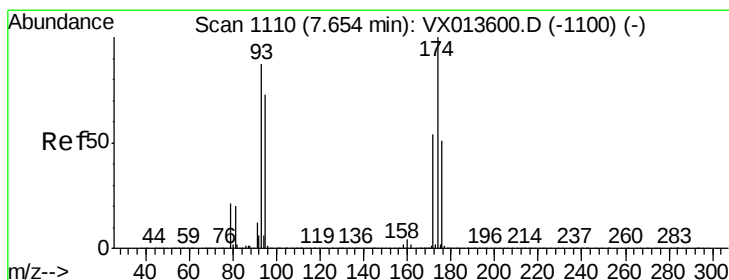
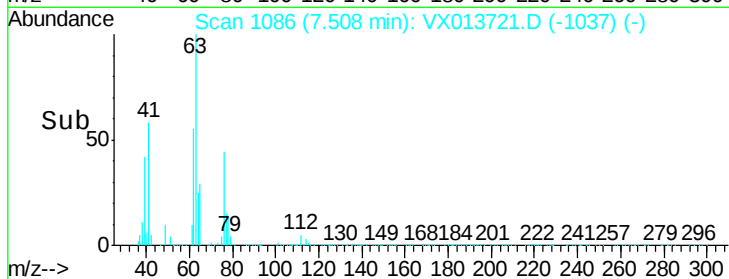
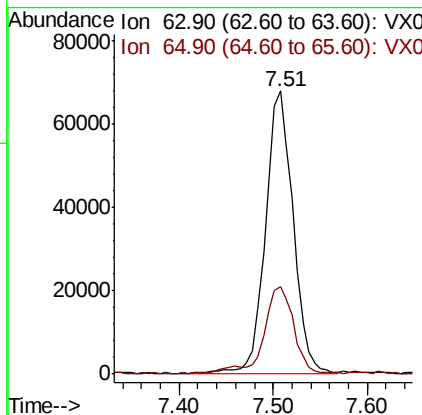
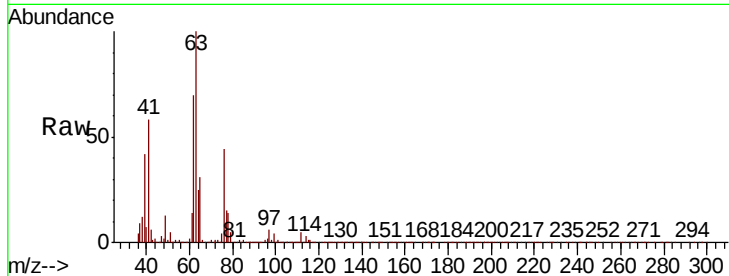
65 30.6 25.5 38.3

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#46

Dibromomethane

Concen: 19.062 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX013721.D

Acq: 03 Dec 2019 13:46

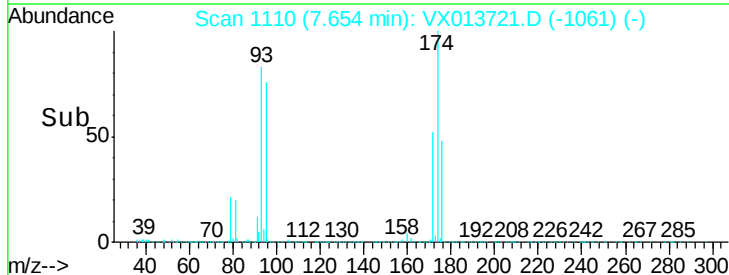
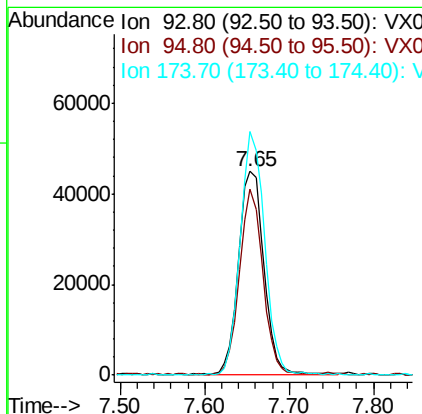
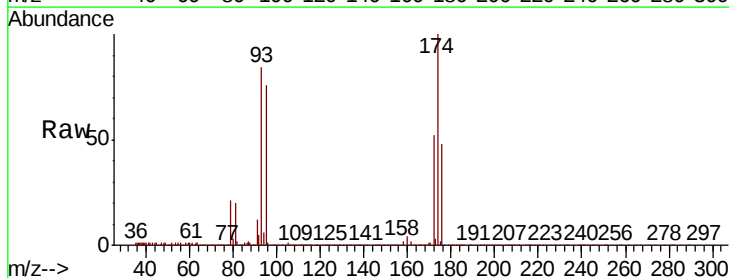
Tgt Ion: 93 Resp: 90679

Ion Ratio Lower Upper

93 100

95 83.1 66.2 99.2

174 116.1 93.4 140.0





#47

Bromodichloromethane

Concen: 19.766 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013721.D

Acq: 03 Dec 2019 13:46

Instrument :

MSVOA_X

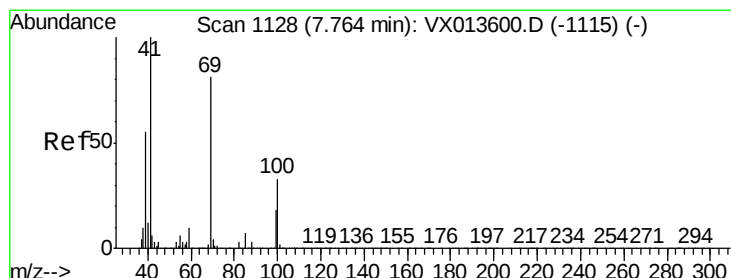
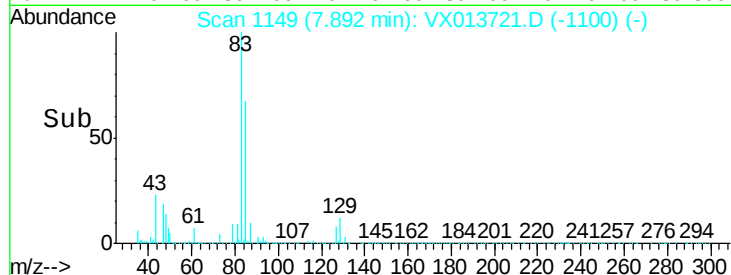
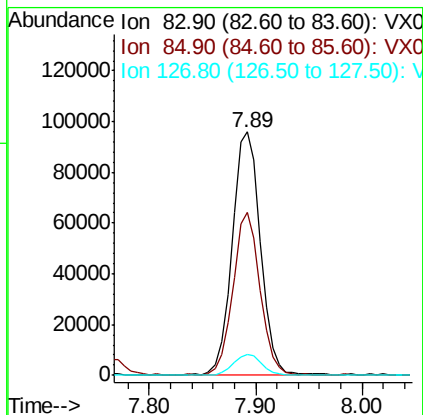
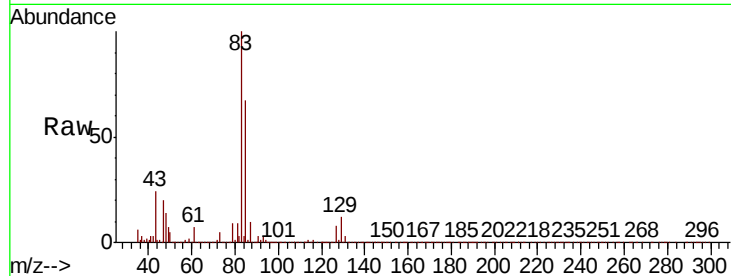
ClientSampleId :

VX1203WBS01

Tot Ion:	83	Resp:	177763
Ion	Ratio	Lower	Upper
83	100		
85	66.8	52.1	78.1
127	8.2	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 20.164 ug/l

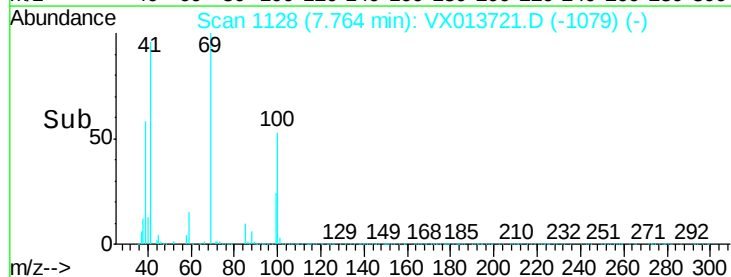
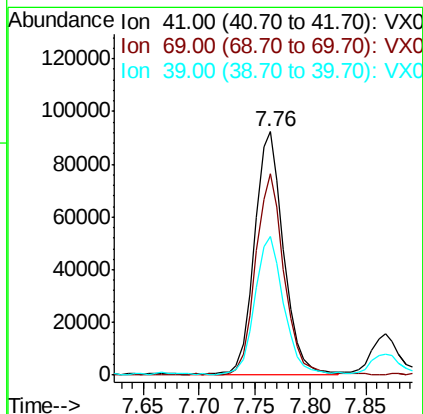
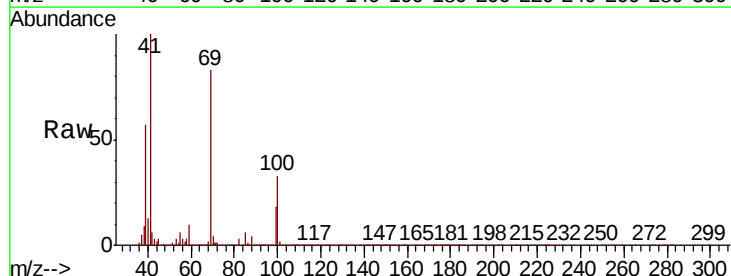
RT: 7.76 min Scan# 1128

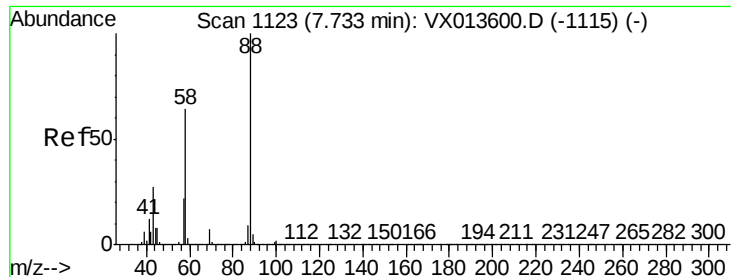
Delta R.T. -0.00 min

Lab File: VX013721.D

Acq: 03 Dec 2019 13:46

Tgt Ion:	41	Resp:	166320
Ion	Ratio	Lower	Upper
41	100		
69	81.3	64.7	97.1
39	58.1	43.8	65.6





#49

1,4-Dioxane

Concen: 381.592 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VX013721.D

Acq: 03 Dec 2019 13:46

Instrument :

MSVOA_X

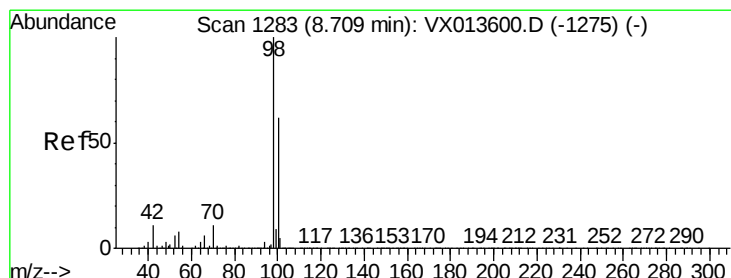
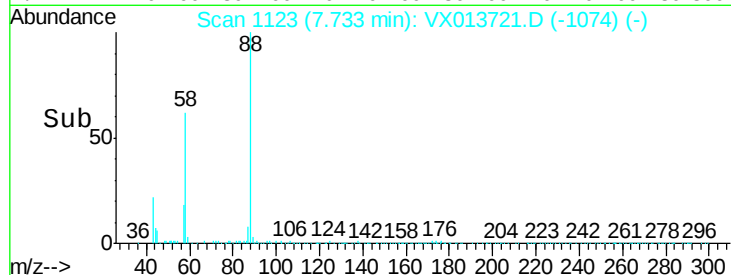
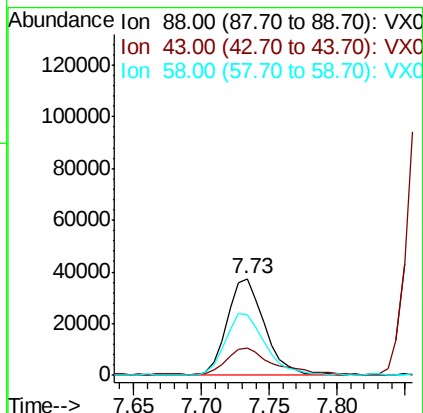
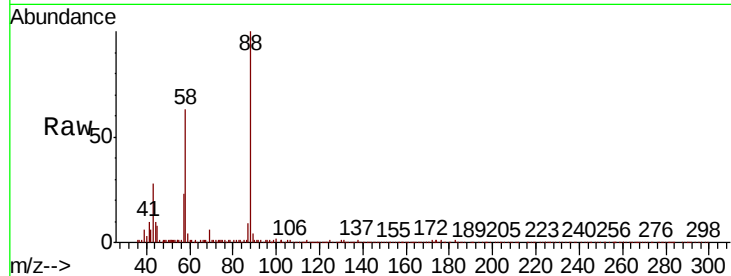
ClientSampleId :

VX1203WBS01

Tot Ion:	88	Resp:	70454
Ion	Ratio	Lower	Upper
88	100		
43	33.0	25.8	38.6
58	70.0	54.6	82.0

Manual Integrations
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#50

Toluene-d8

Concen: 47.028 ug/l

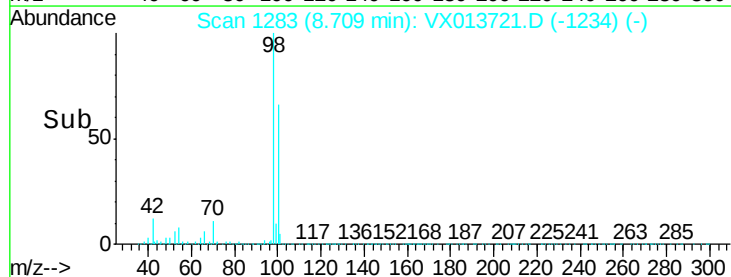
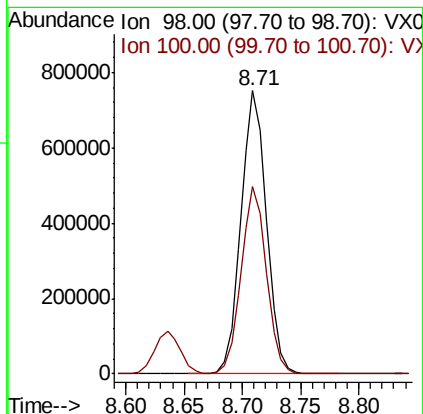
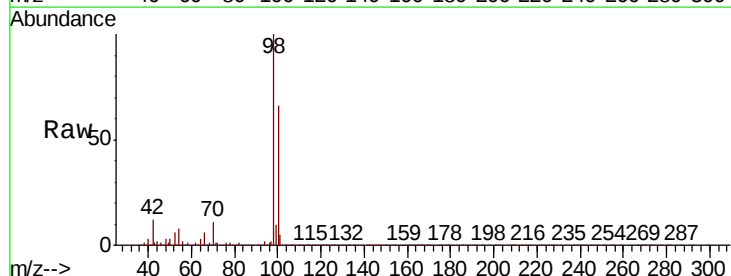
RT: 8.71 min Scan# 1283

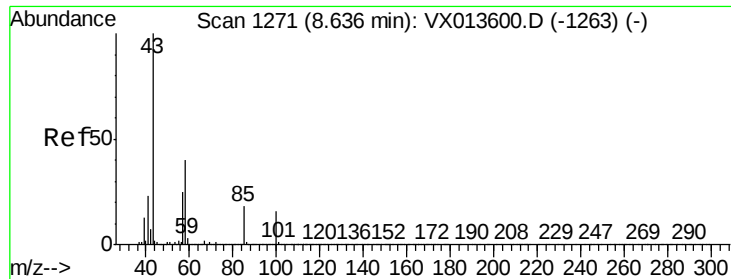
Delta R.T. -0.00 min

Lab File: VX013721.D

Acq: 03 Dec 2019 13:46

Tgt Ion:	98	Resp:	1146987
Ion	Ratio	Lower	Upper
98	100		
100	65.5	53.1	79.7





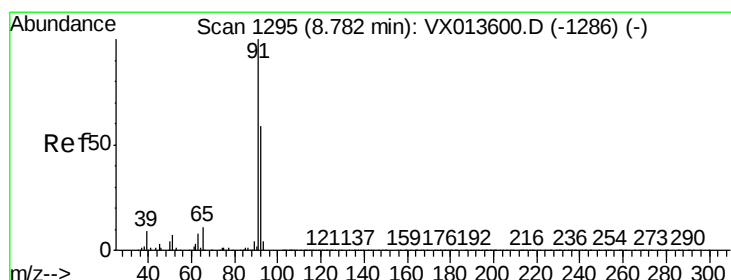
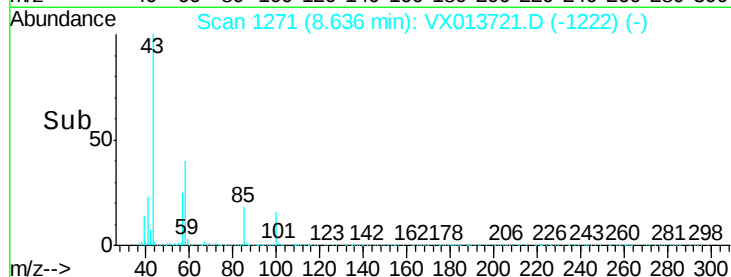
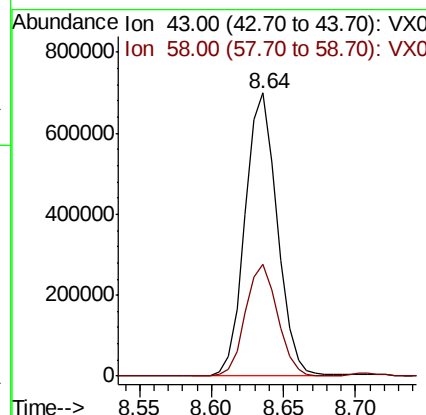
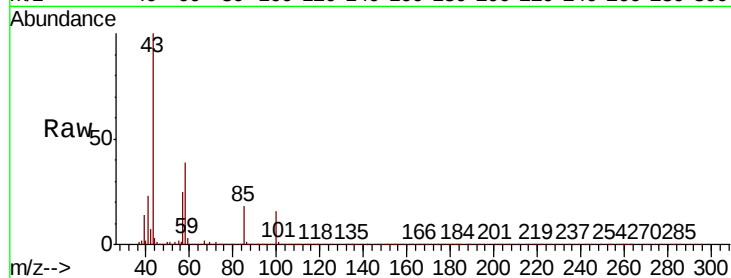
#51
4-Methyl-2-Pentanone
Concen: 101.391 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX013721.D
Acq: 03 Dec 2019 13:46

Instrument :
MSVOA_X
ClientSampleId :
VX1203WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.4	32.1	48.1

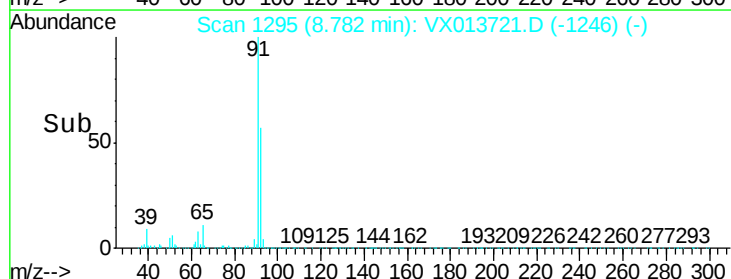
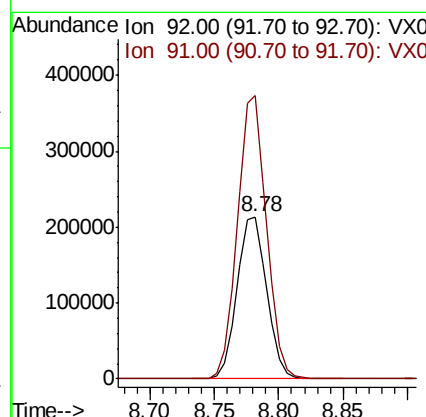
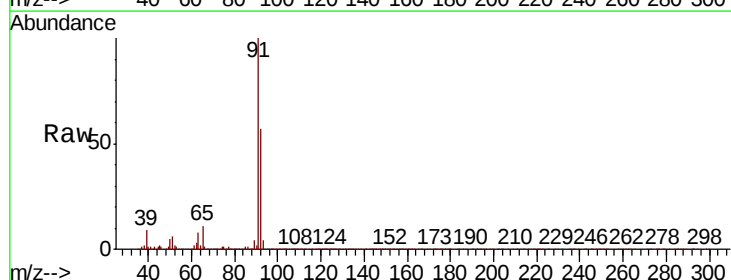
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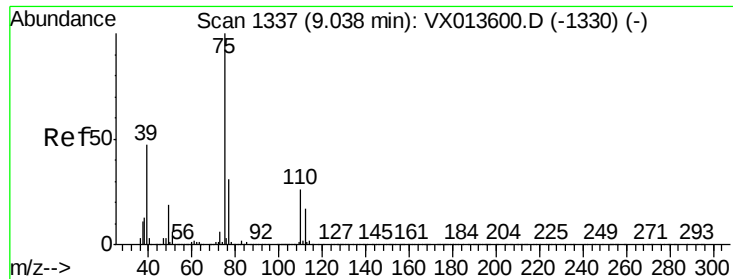
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#52
Toluene
Concen: 19.657 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. -0.00 min
Lab File: VX013721.D
Acq: 03 Dec 2019 13:46

Tgt Ion	Ratio	Lower	Upper
92	100		
91	170.8	136.2	204.2





#53

t-1,3-Dichloropropene

Concen: 19.132 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX013721.D

Acq: 03 Dec 2019 13:46

Instrument :

MSVOA_X

ClientSampleId :

VX1203WBS01

Tot Ion: 75 Resp: 195844

Ion Ratio Lower Upper

75 100

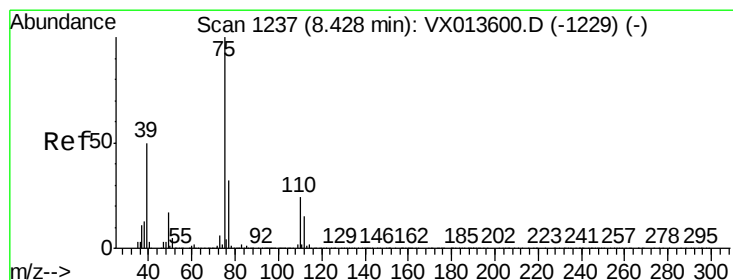
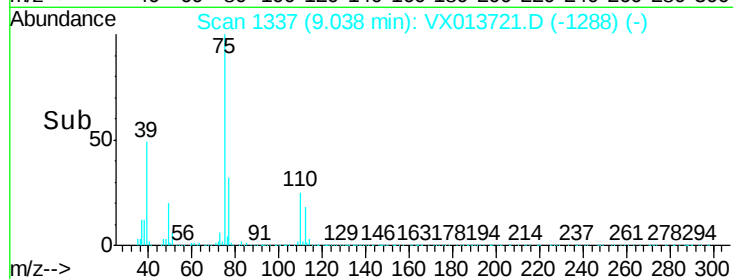
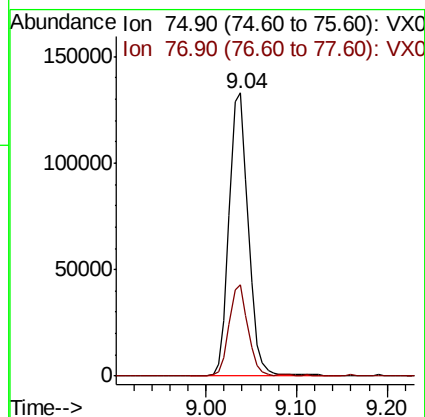
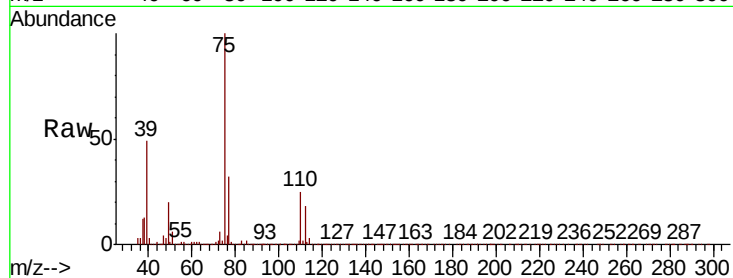
77 32.3 24.4 36.6

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#54

cis-1,3-Dichloropropene

Concen: 19.710 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX013721.D

Acq: 03 Dec 2019 13:46

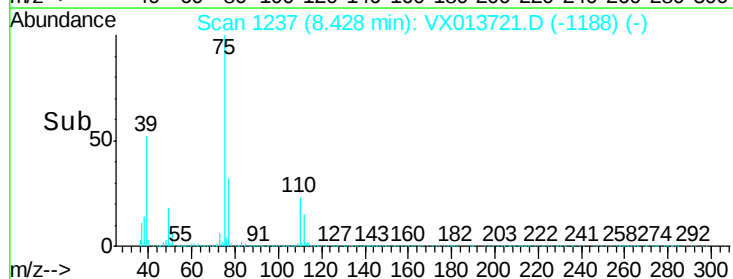
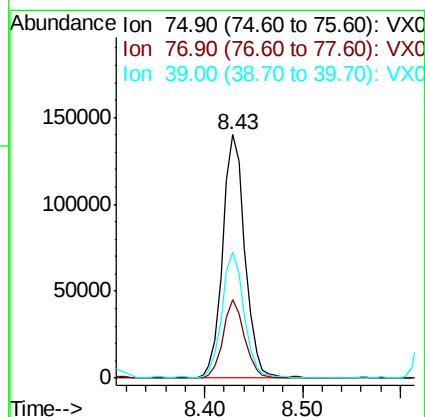
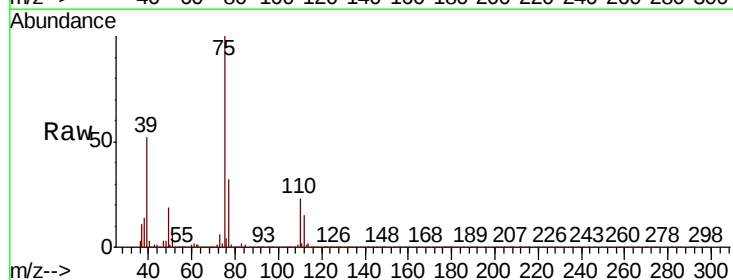
Tgt Ion: 75 Resp: 220432

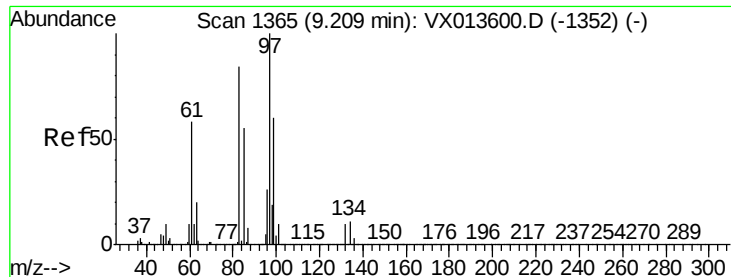
Ion Ratio Lower Upper

75 100

77 32.1 25.8 38.6

39 51.6 39.9 59.9





#55

1,1,2-Trichloroethane

Concen: 20.059 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX013721.D

Acq: 03 Dec 2019 13:46

Instrument :

MSVOA_X

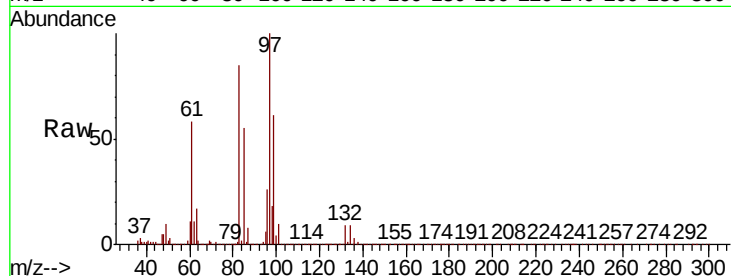
ClientSampleId :

VX1203WBS01

Tot Ion:	97	Resp:	140582
Ion Ratio	Lower	Upper	
97	100		
83	85.1	67.3	100.9
85	54.3	43.6	65.4
99	60.5	48.2	72.4

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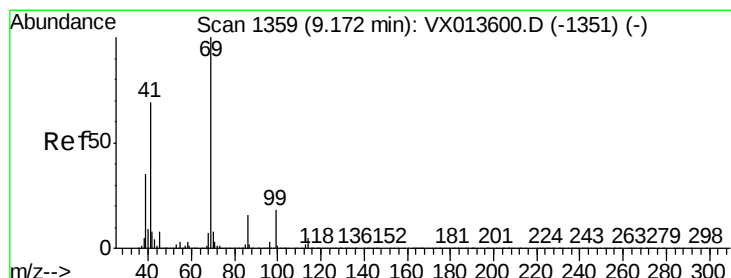
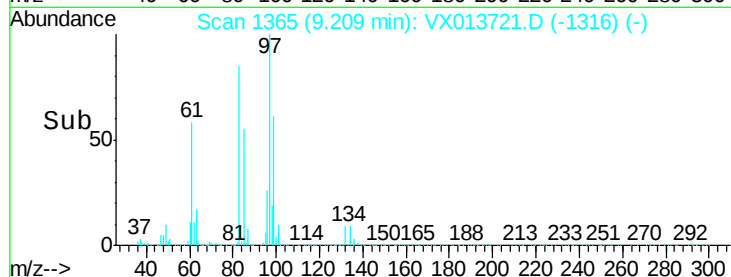
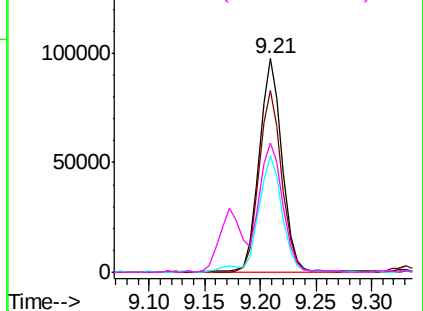


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 19.848 ug/l

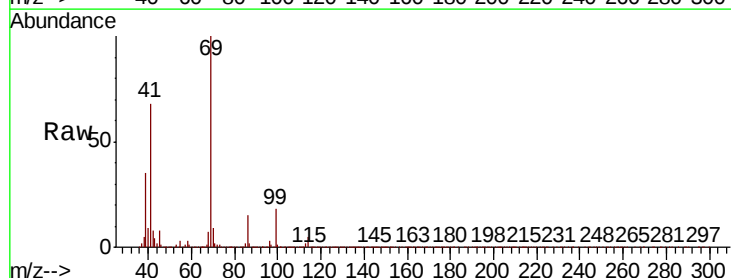
RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX013721.D

Acq: 03 Dec 2019 13:46

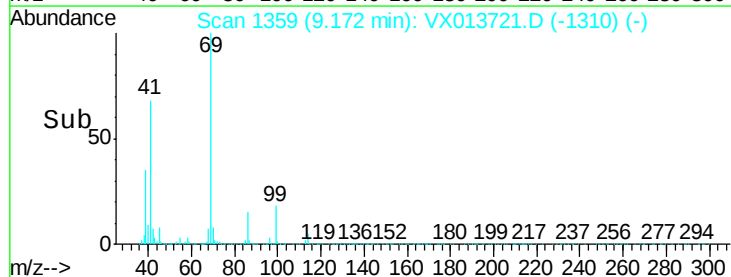
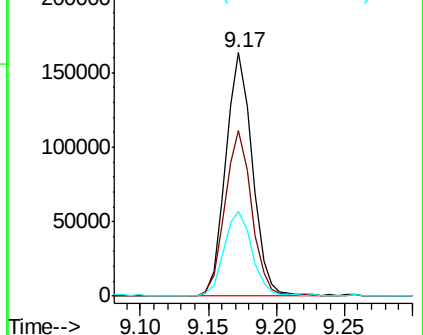
Tgt Ion:	69	Resp:	223646
Ion Ratio	Lower	Upper	
69	100		
41	67.4	55.0	82.4
39	35.8	28.7	43.1

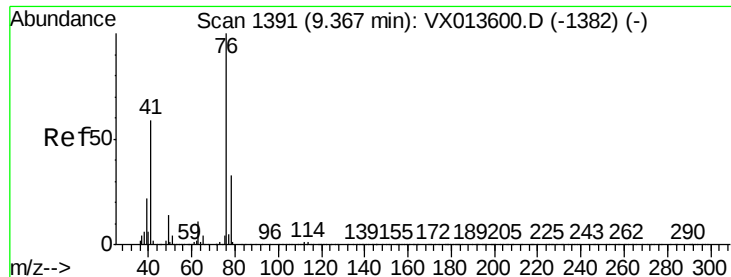


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.446 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013721.D

Acq: 03 Dec 2019 13:46

Instrument :

MSVOA_X

ClientSampleId :

VX1203WBS01

Tot Ion: 76 Resp: 234912

Ion Ratio Lower Upper

76 100

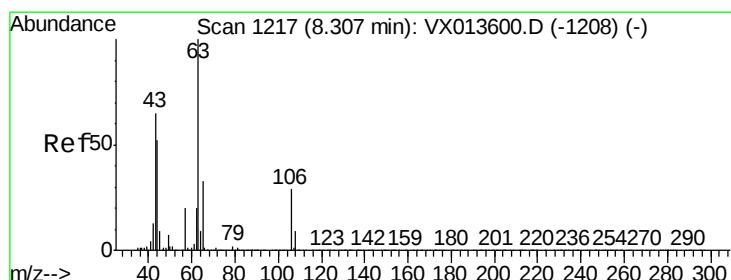
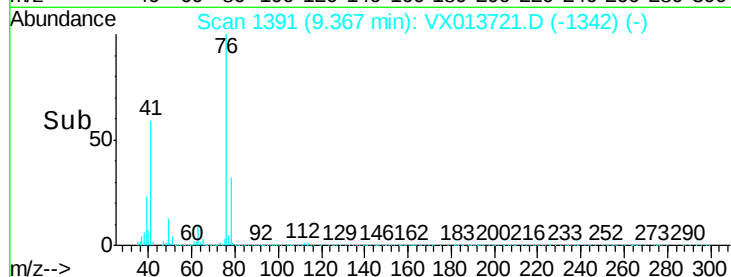
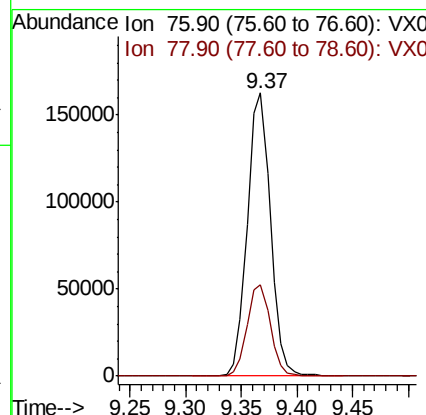
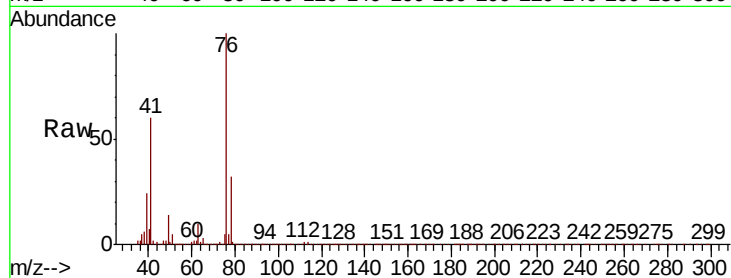
78 32.5 26.0 39.0

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#58

2-Chloroethyl Vinyl ether

Concen: 93.033 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX013721.D

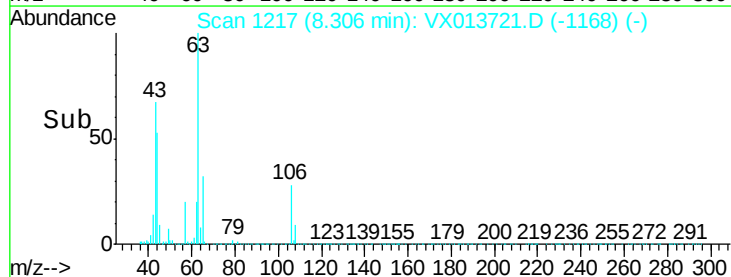
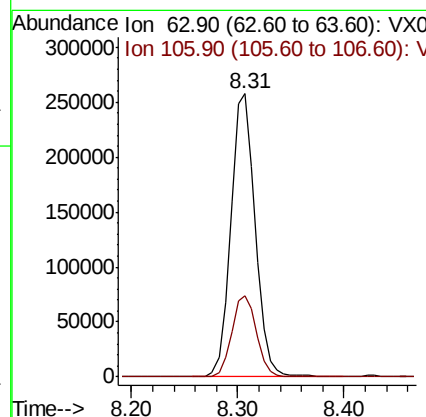
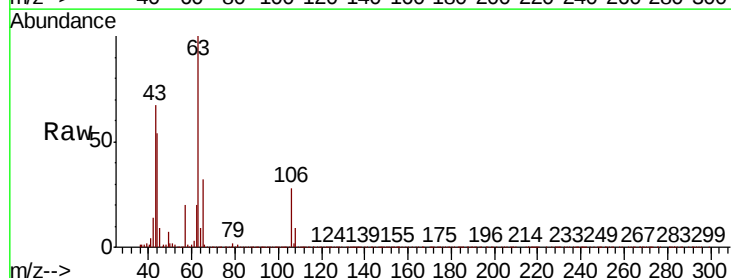
Acq: 03 Dec 2019 13:46

Tgt Ion: 63 Resp: 411008

Ion Ratio Lower Upper

63 100

106 29.4 23.4 35.0





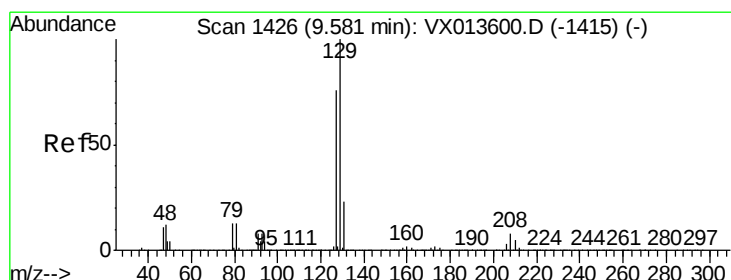
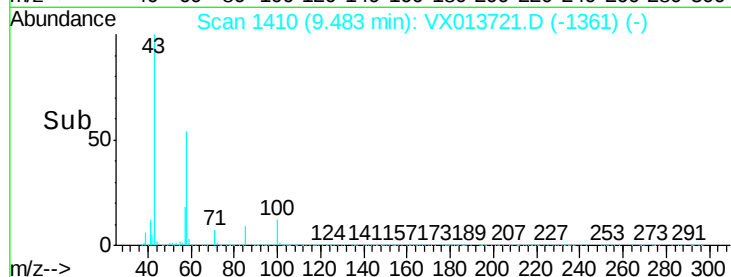
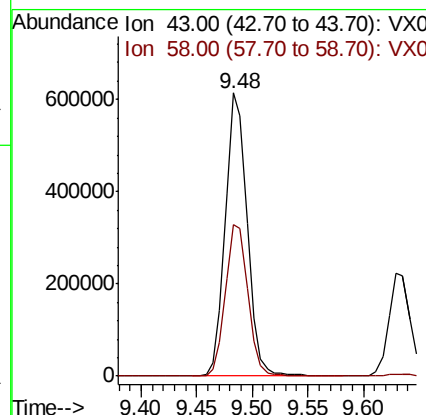
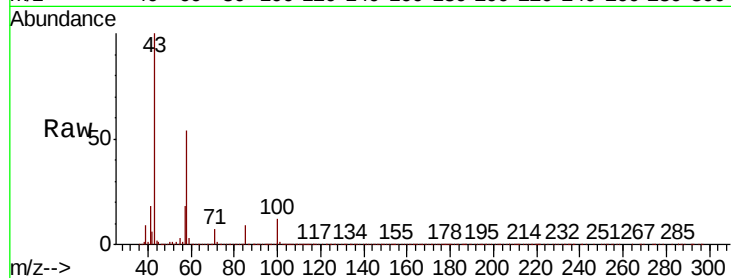
#59
2-Hexanone
Concen: 100.448 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX013721.D
Acq: 03 Dec 2019 13:46

Instrument :
MSVOA_X
ClientSampleId :
VX1203WBS01

Tot Ion: 43 Resp: 836582
Ion Ratio Lower Upper
43 100
58 55.4 28.1 84.4

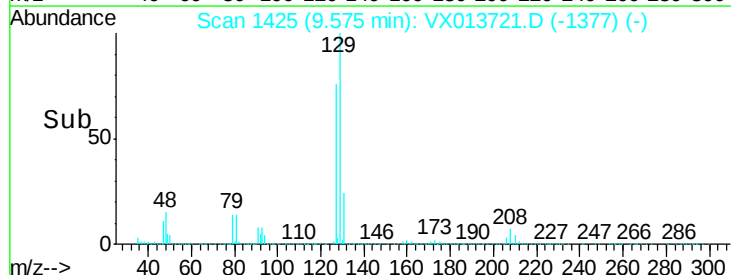
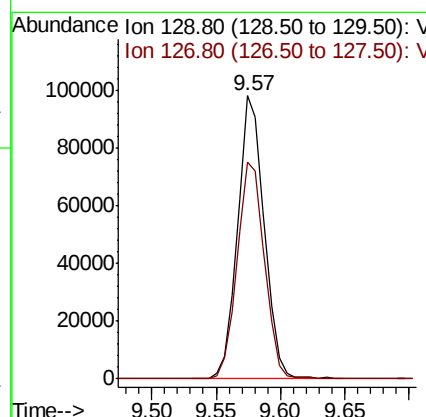
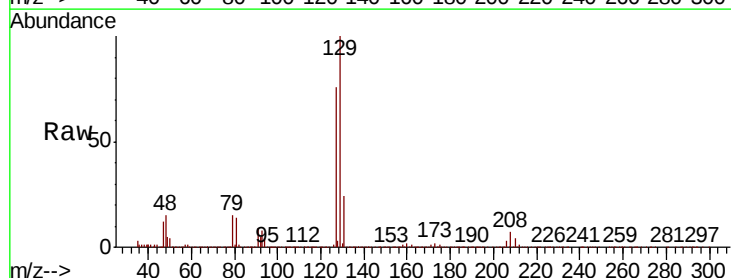
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#60
Dibromochloromethane
Concen: 19.390 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX013721.D
Acq: 03 Dec 2019 13:46

Tgt Ion: 129 Resp: 141034
Ion Ratio Lower Upper
129 100
127 78.7 38.5 115.5





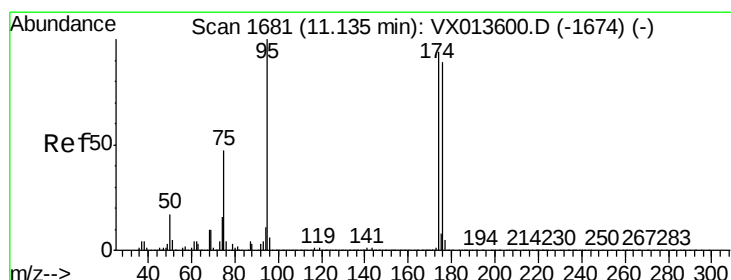
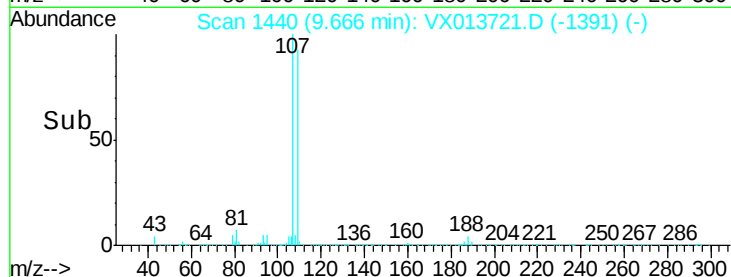
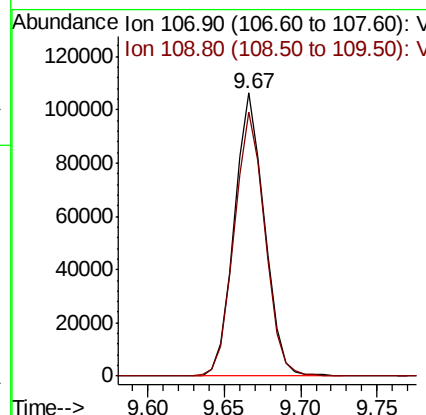
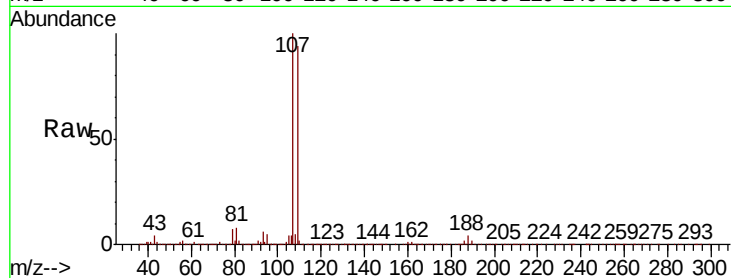
#61
 1,2-Dibromoethane
 Concen: 19.439 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX013721.D
 Acq: 03 Dec 2019 13:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1203WBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.7	76.1	114.1

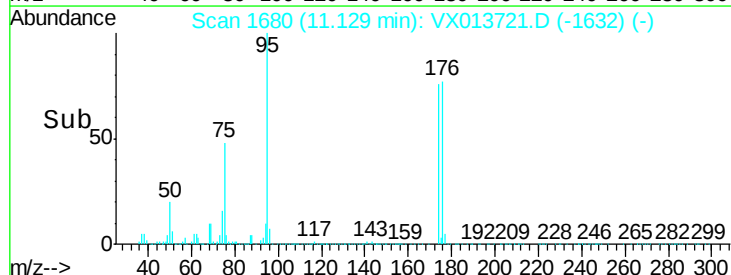
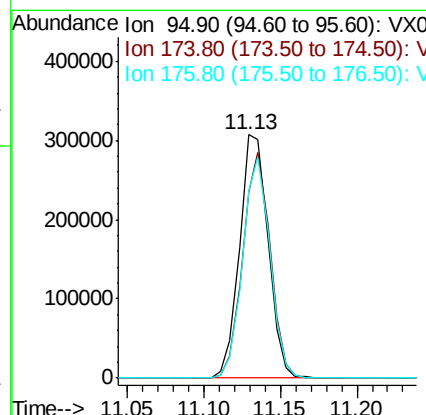
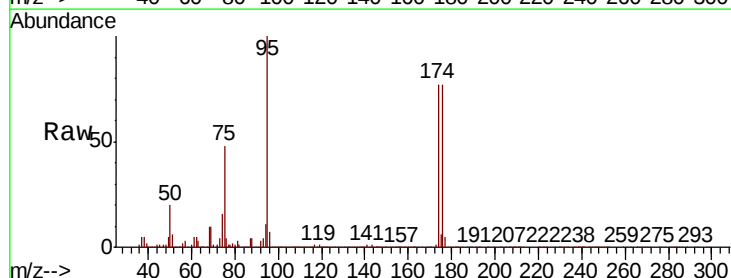
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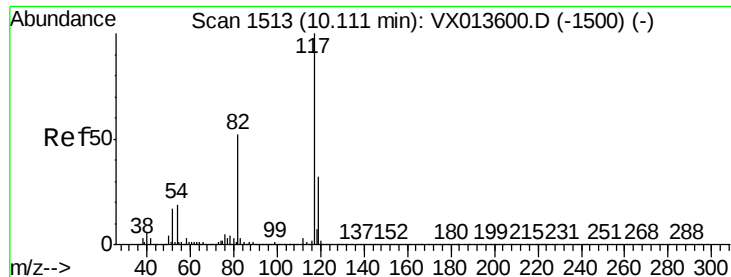
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#62
 4-Bromofluorobenzene
 Concen: 45.318 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: VX013721.D
 Acq: 03 Dec 2019 13:46

Tgt Ion	Ratio	Lower	Upper
95	100		
174	88.3	0.0	180.0
176	86.1	0.0	173.6





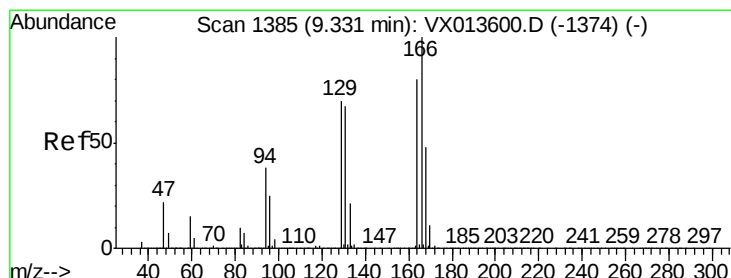
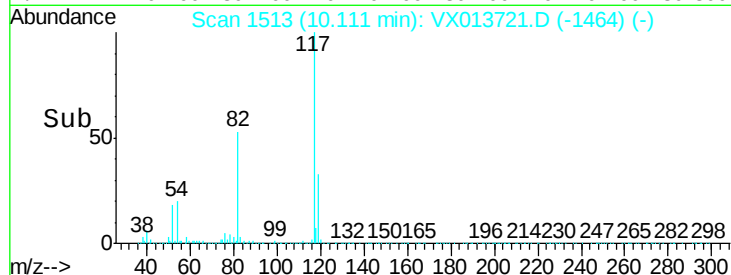
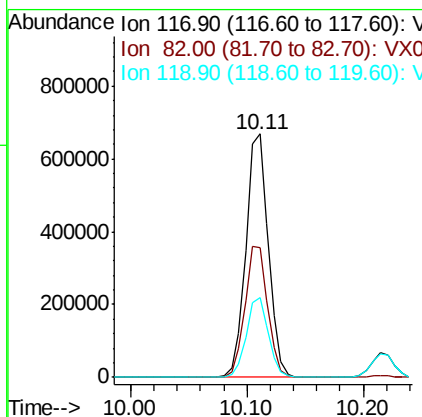
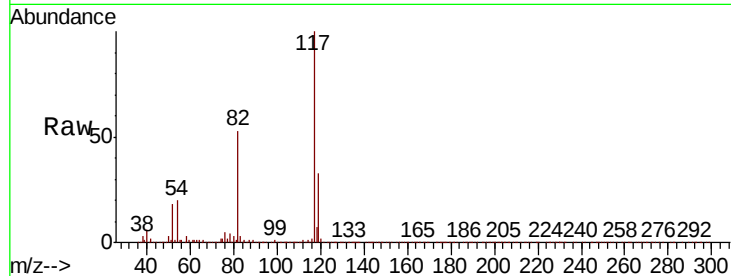
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013721.D
Acq: 03 Dec 2019 13:46

Instrument :
MSVOA_X
ClientSampleId :
VX1203WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	901269		
82	53.4		41.8	62.8
119	32.9		25.8	38.8

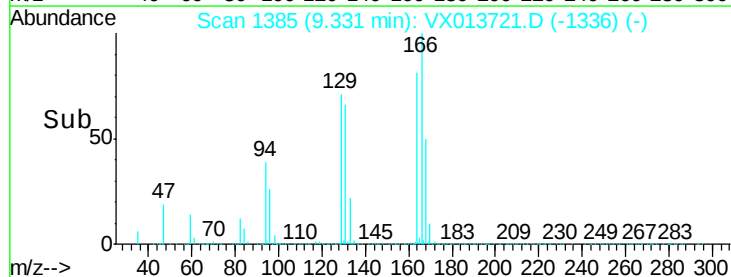
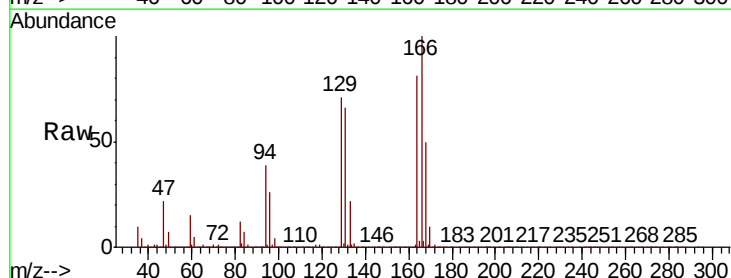
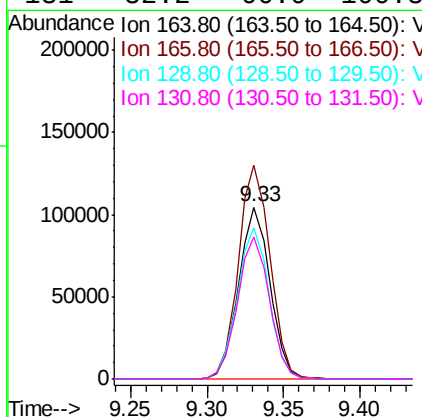
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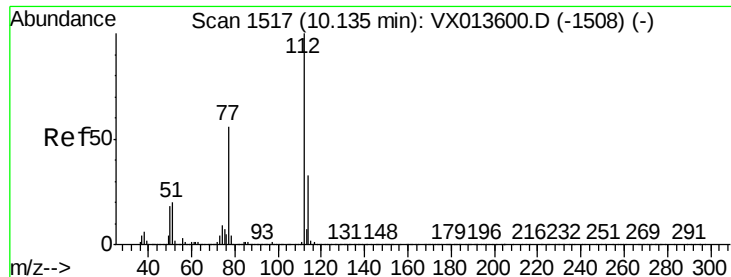
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#64
Tetrachloroethene
Concen: 22.243 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013721.D
Acq: 03 Dec 2019 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	149497		
166	124.1		99.7	149.5
129	87.7		70.1	105.1
131	82.2		66.9	100.3





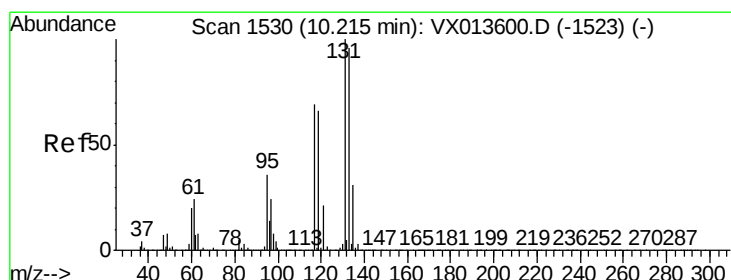
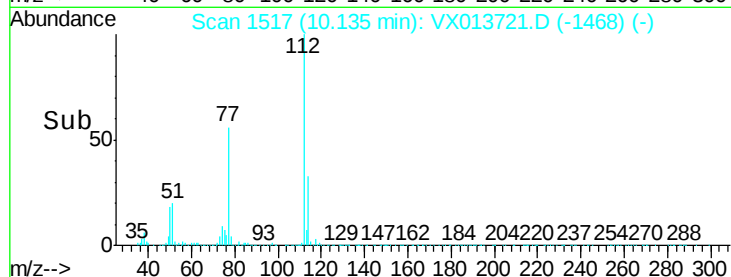
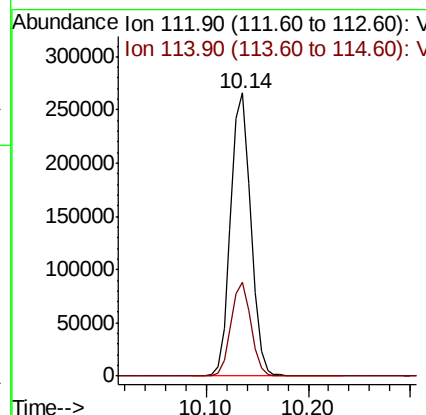
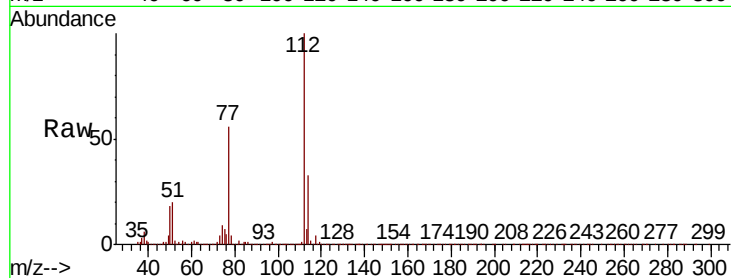
#65
Chlorobenzene
Concen: 19.435 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013721.D
Acq: 03 Dec 2019 13:46

Instrument :
MSVOA_X
ClientSampleId :
VX1203WBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.1	26.1	39.1

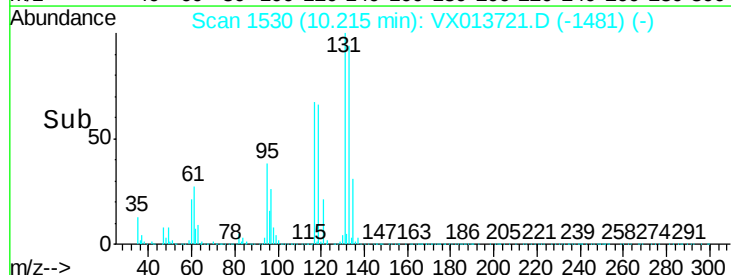
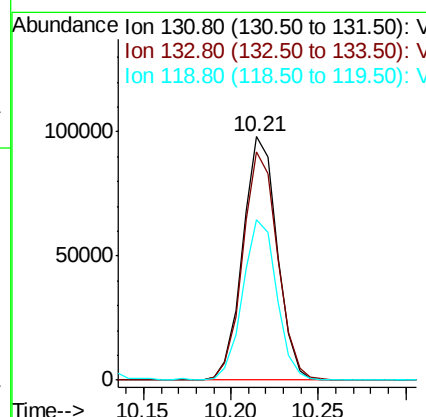
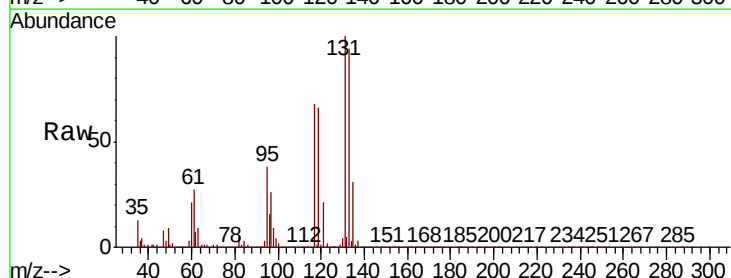
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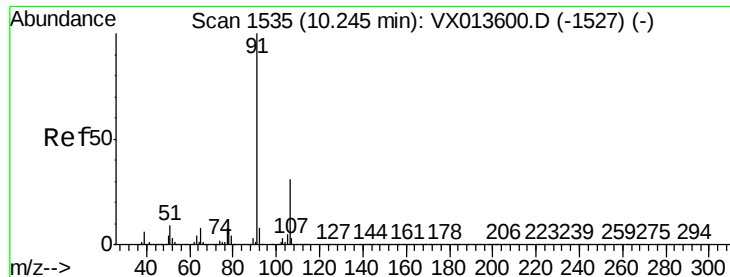
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.889 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX013721.D
Acq: 03 Dec 2019 13:46

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.4	47.7	143.1
119	64.7	32.9	98.6





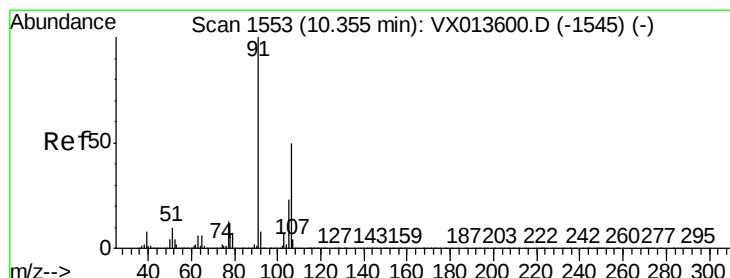
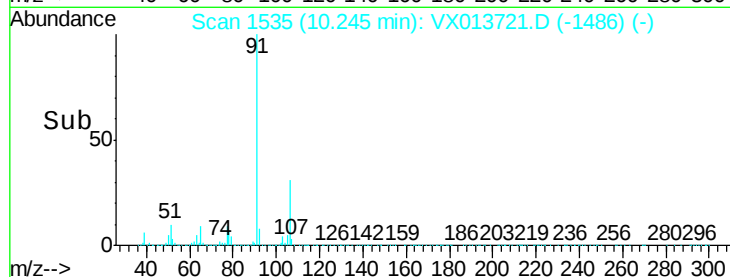
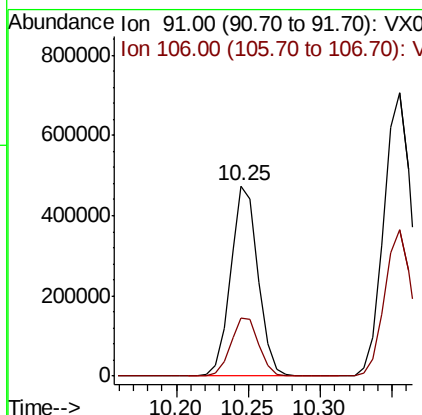
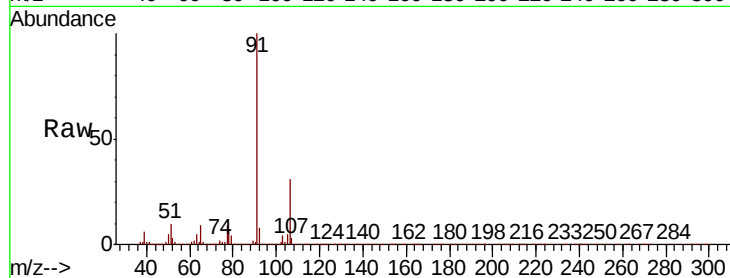
#67
Ethyl Benzene
Concen: 19.586 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX013721.D
Acq: 03 Dec 2019 13:46

Instrument :
MSVOA_X
ClientSampleId :
VX1203WBS01

Tot Ion: 91 Resp: 629773
Ion Ratio Lower Upper
91 100
106 30.6 24.5 36.7

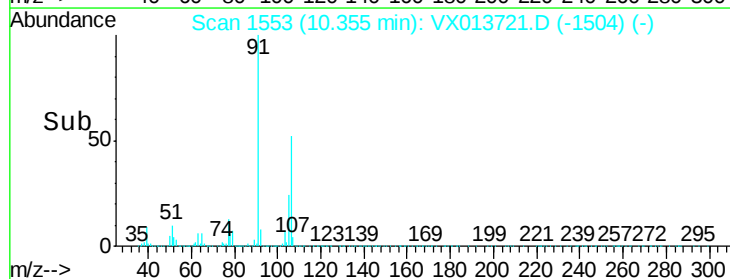
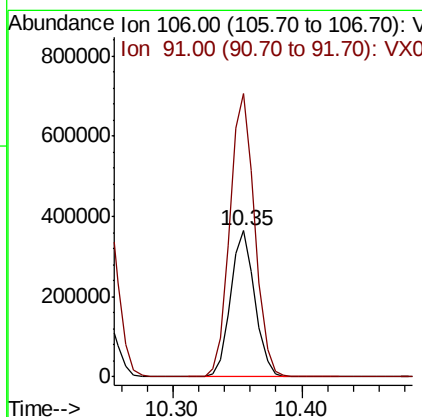
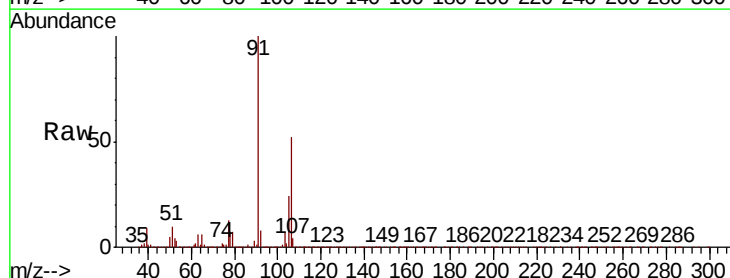
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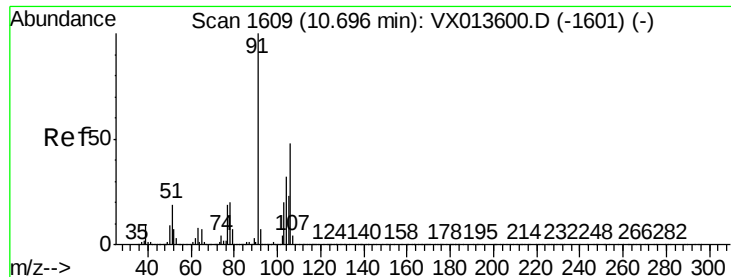
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#68
m/p-Xylenes
Concen: 39.111 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013721.D
Acq: 03 Dec 2019 13:46

Tgt Ion: 106 Resp: 481484
Ion Ratio Lower Upper
106 100
91 198.5 159.0 238.4





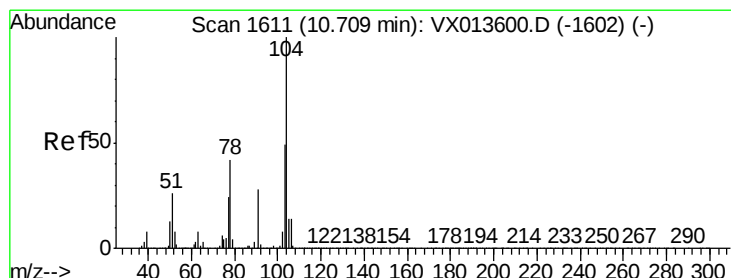
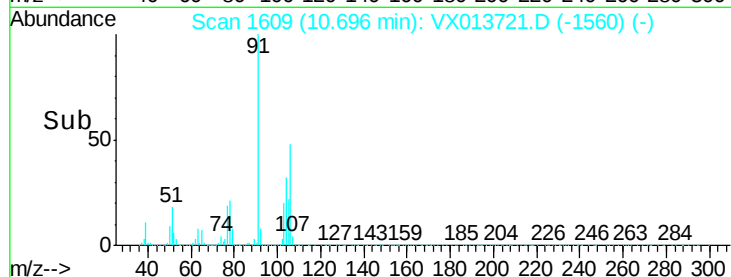
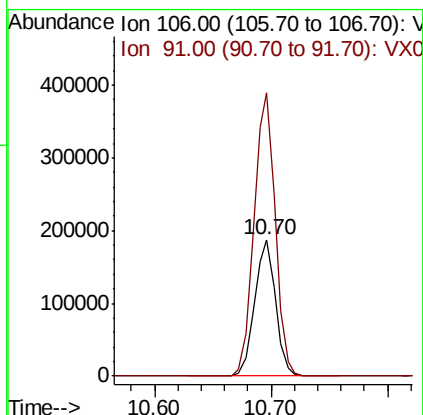
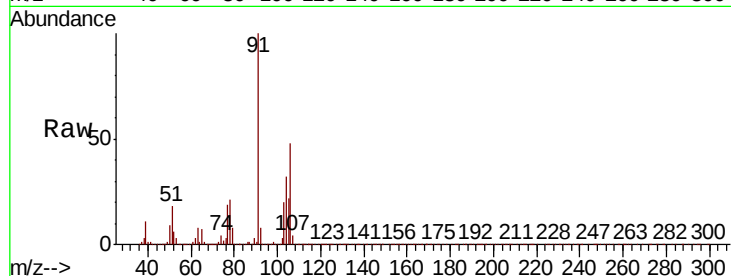
#69
o-Xylene
Concen: 19.469 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013721.D
Acq: 03 Dec 2019 13:46

Instrument :
MSVOA_X
ClientSampleId :
VX1203WBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	210.6	104.1	312.2

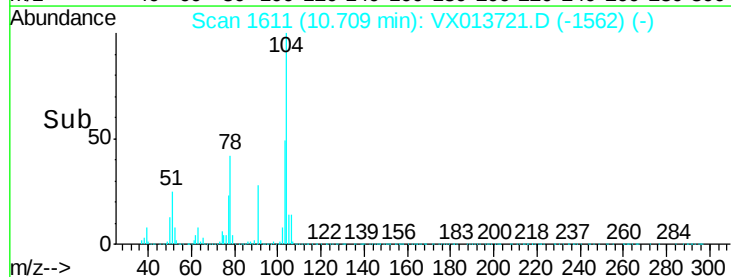
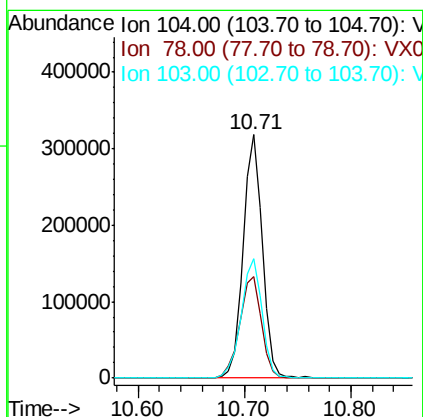
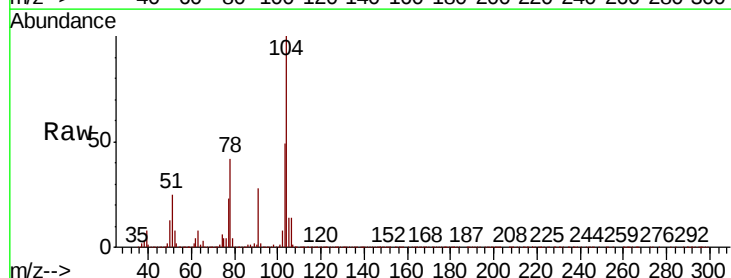
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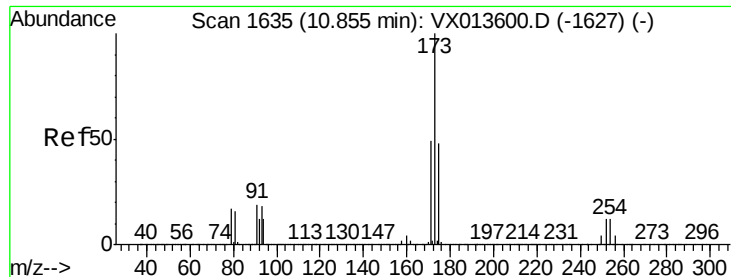
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#70
Styrene
Concen: 19.900 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013721.D
Acq: 03 Dec 2019 13:46

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.8	38.5	57.7
103	53.9	43.7	65.5





#71

Bromoform

Concen: 19.208 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX013721.D

Acq: 03 Dec 2019 13:46

Instrument :

MSVOA_X

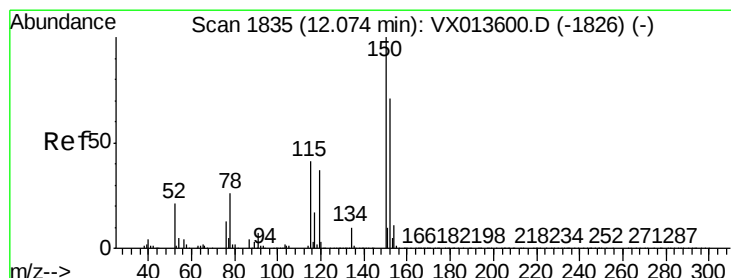
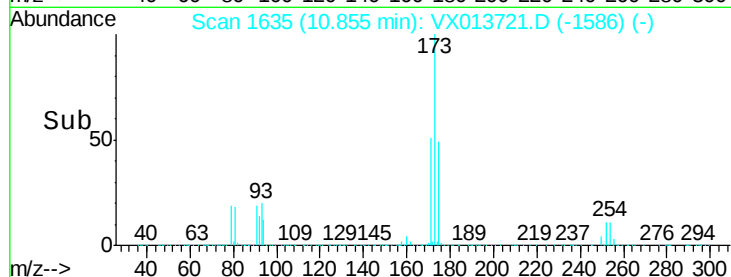
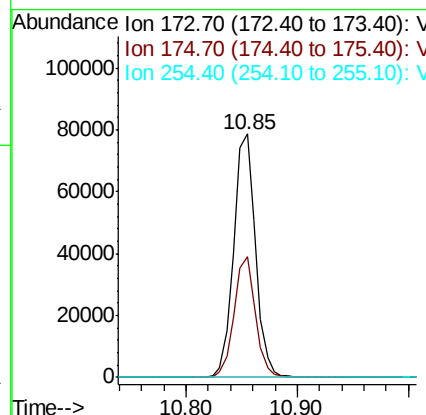
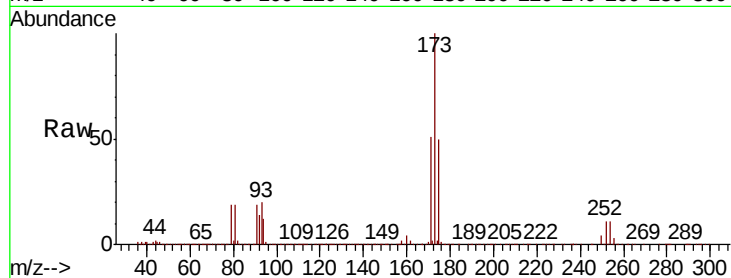
ClientSampleId :

VX1203WBS01

Tot Ion:	173	Resp:	106791
Ion Ratio	Lower	Upper	
173	100		
175	48.6	24.3	72.8
254	0.2	0.2	0.4#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

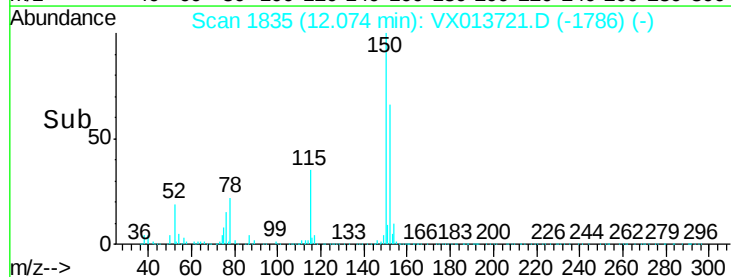
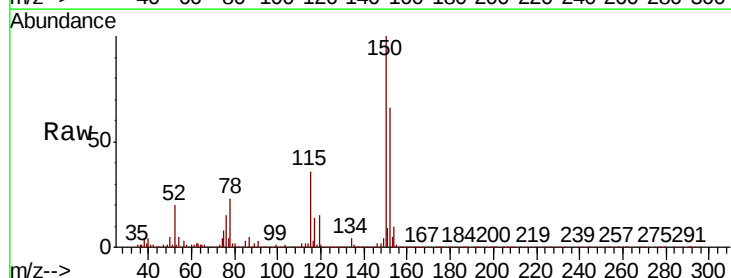
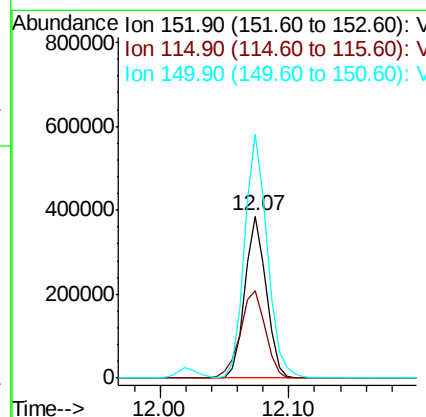
RT: 12.07 min Scan# 1835

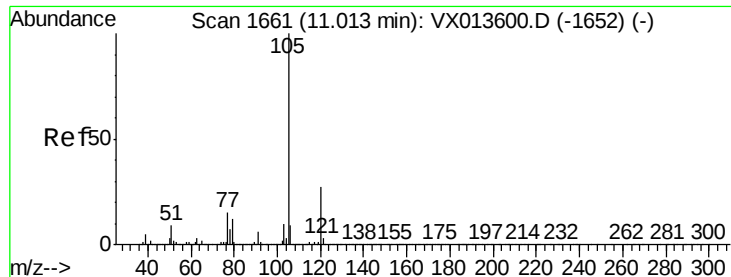
Delta R.T. -0.00 min

Lab File: VX013721.D

Acq: 03 Dec 2019 13:46

Tgt Ion:	152	Resp:	441964
Ion Ratio	Lower	Upper	
152	100		
115	63.7	38.4	115.1
150	160.2	0.0	346.8





#73

Isopropylbenzene

Concen: 20.003 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013721.D

Acq: 03 Dec 2019 13:46

Instrument :

MSVOA_X

ClientSampleId :

VX1203WBS01

Tot Ion: 105 Resp: 620138

Ion Ratio Lower Upper

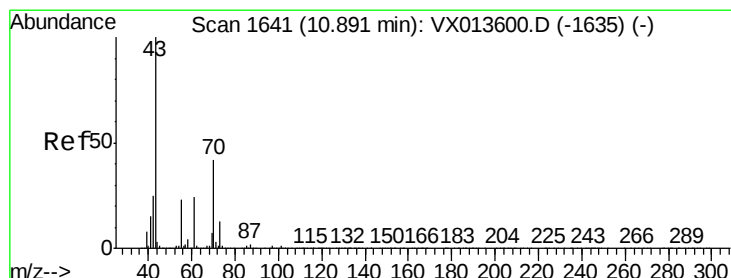
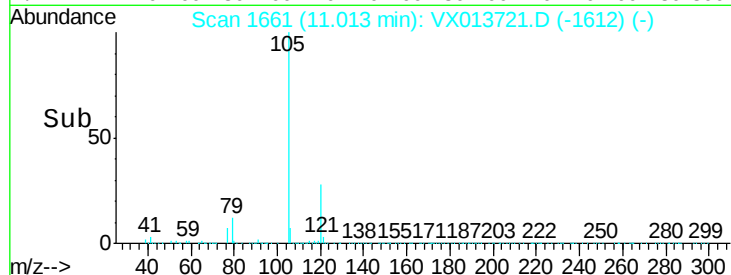
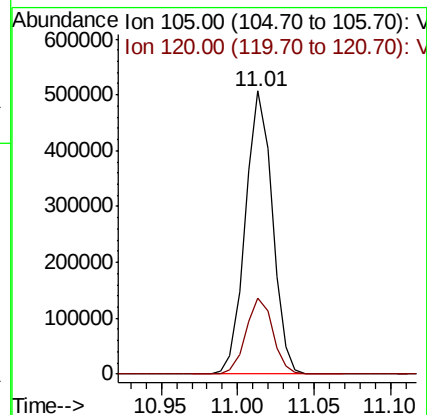
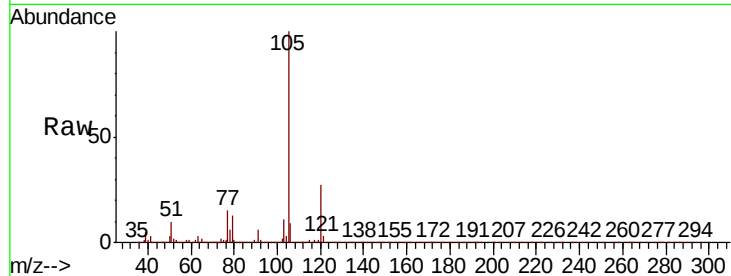
105 100

120 26.7 13.5 40.5

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#74

N-ethyl acetate

Concen: 20.446 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013721.D

Acq: 03 Dec 2019 13:46

Tgt Ion: 43 Resp: 290365

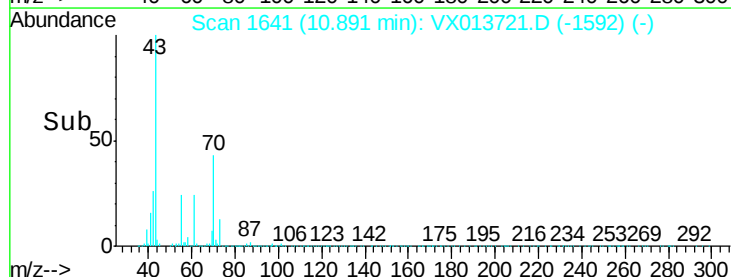
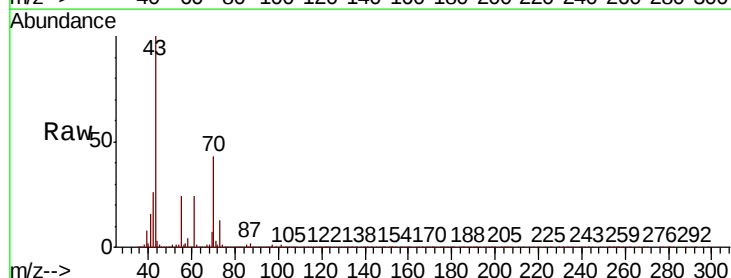
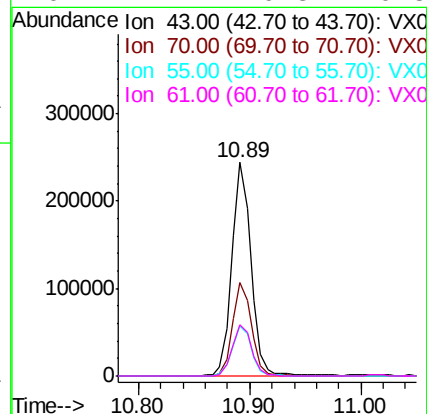
Ion Ratio Lower Upper

43 100

70 43.3 34.3 51.5

55 23.6 18.5 27.7

61 24.4 19.8 29.8





#75

1,1,2,2-Tetrachloroethane

Concen: 20.530 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013721.D

Acq: 03 Dec 2019 13:46

Instrument :

MSVOA_X

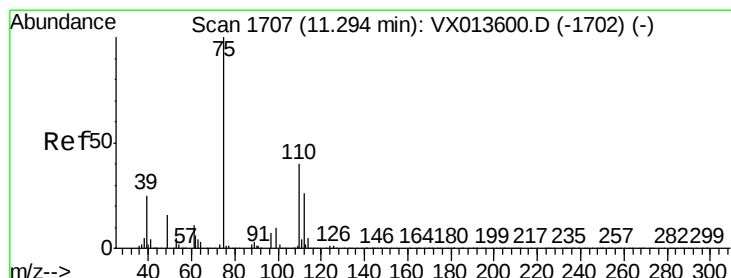
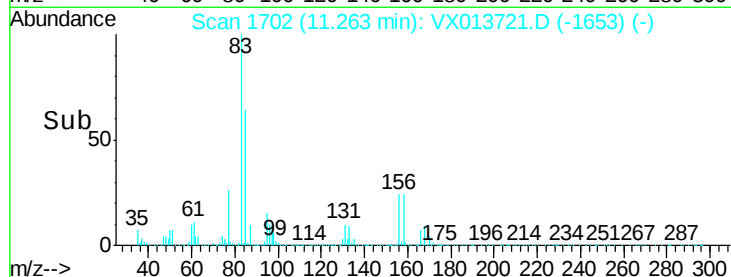
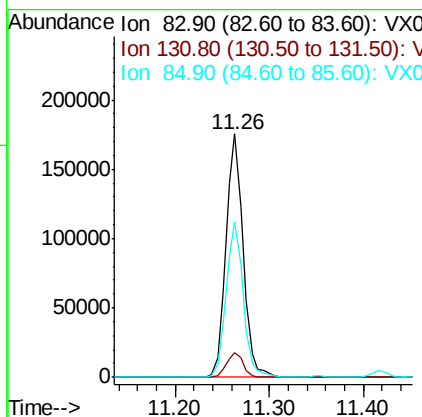
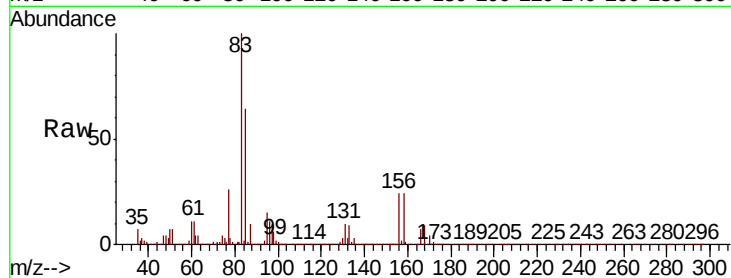
ClientSampleId :

VX1203WBS01

Tot Ion:	83	Resp:	220729
Ion Ratio	Lower	Upper	
83	100		
131	10.0	5.1	15.3
85	63.8	31.8	95.3

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#76

1,2,3-Trichloropropane

Concen: 20.873 ug/l m

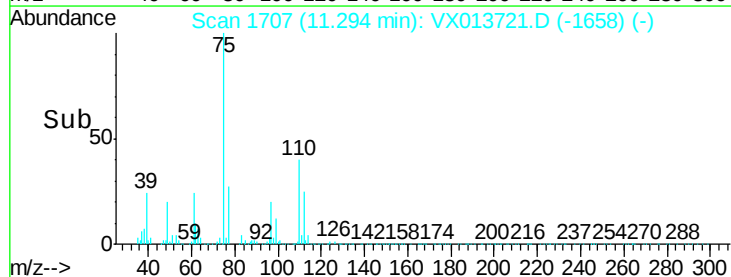
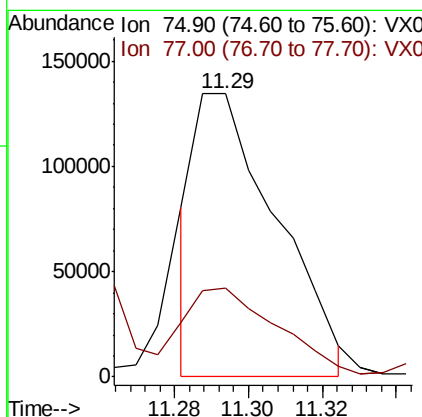
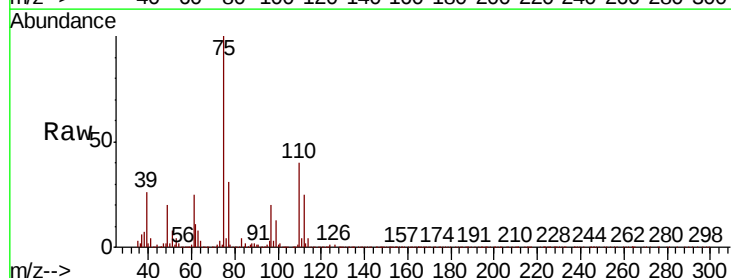
RT: 11.29 min Scan# 1707

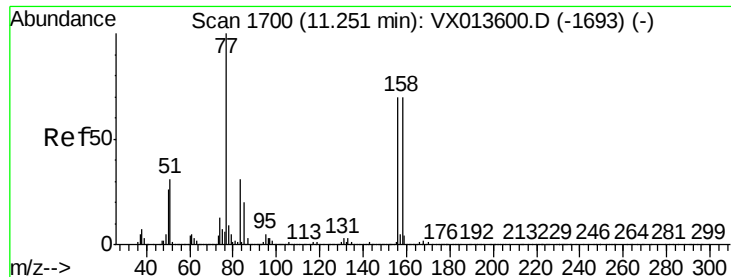
Delta R.T. -0.00 min

Lab File: VX013721.D

Acq: 03 Dec 2019 13:46

Tgt Ion:	75	Resp:	207486
Ion Ratio	Lower	Upper	
75	100		
77	36.2	19.1	57.5





#77

Bromobenzene

Concen: 19.212 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013721.D

Acq: 03 Dec 2019 13:46

Instrument :

MSVOA_X

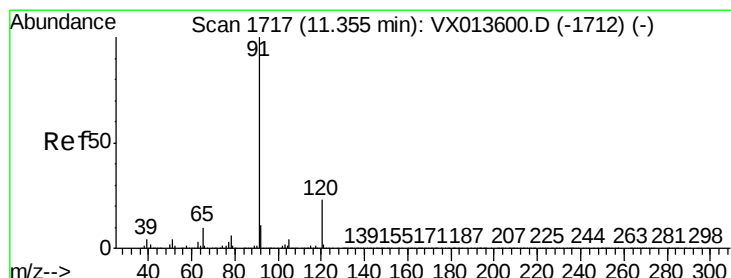
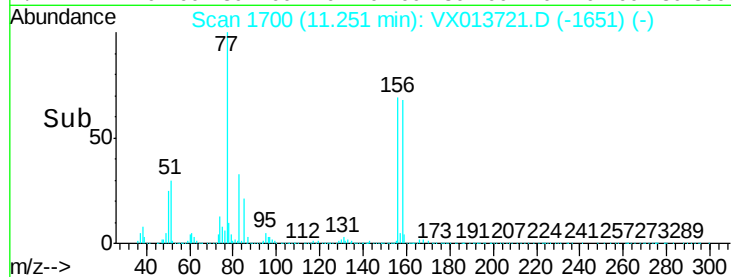
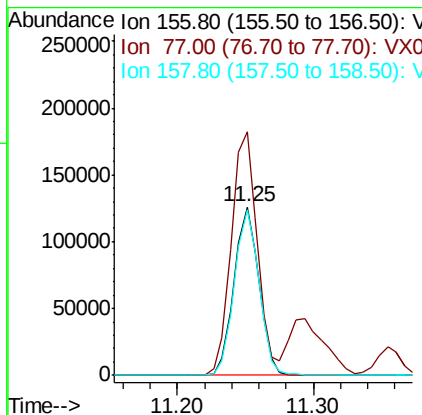
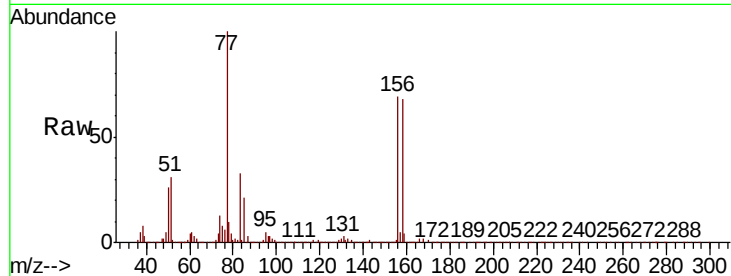
ClientSampleId :

VX1203WBS01

Tot Ion:	156	Resp:	160909
Ion Ratio	Lower	Upper	
156	100		
77	150.8	74.4	223.1
158	97.7	48.9	146.6

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#78

n-propylbenzene

Concen: 20.080 ug/l

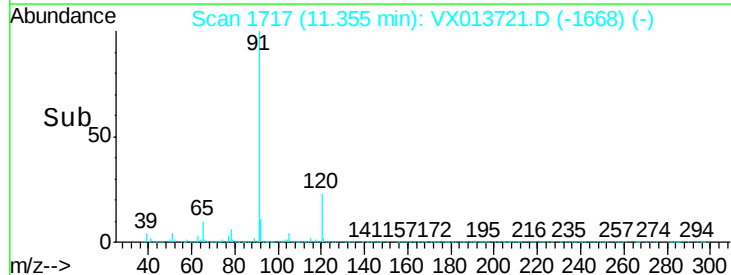
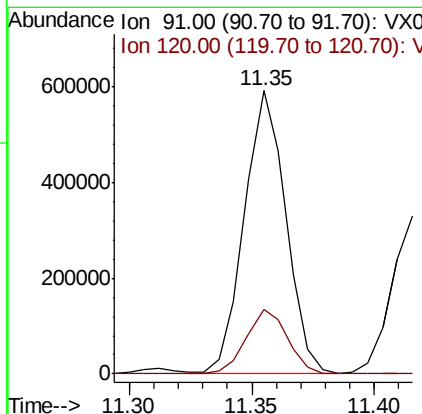
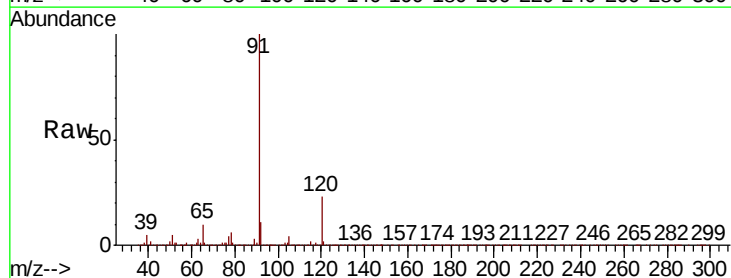
RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013721.D

Acq: 03 Dec 2019 13:46

Tgt Ion:	91	Resp:	694921
Ion Ratio	Lower	Upper	
91	100		
120	23.1	11.8	35.3





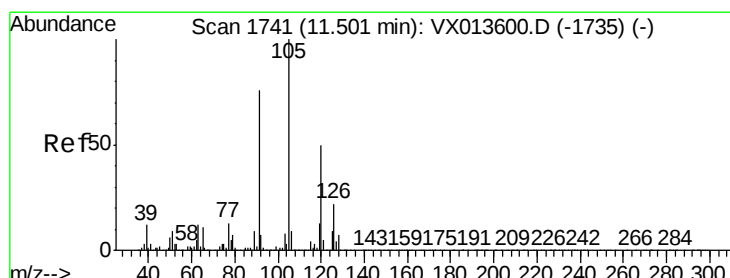
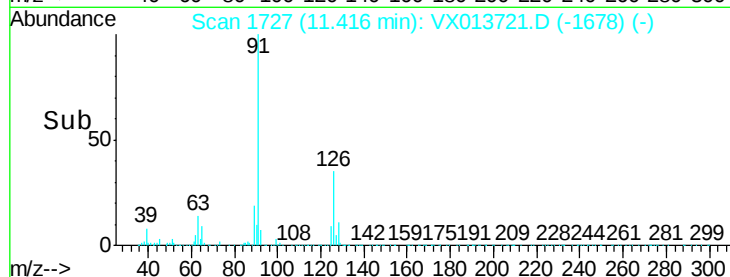
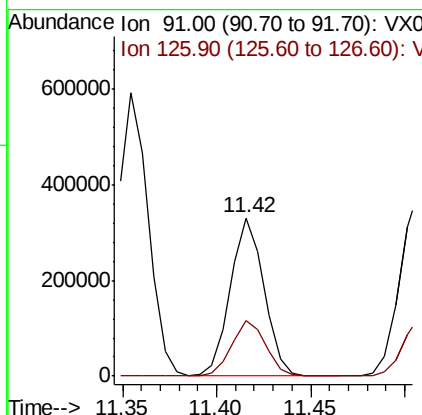
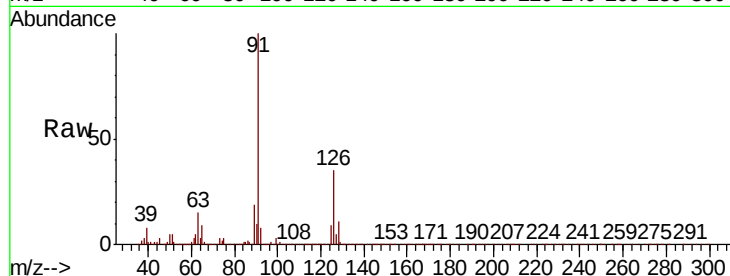
#79
2-Chlorotoluene
Concen: 19.614 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VX013721.D
Acq: 03 Dec 2019 13:46

Instrument :
MSVOA_X
ClientSampleId :
VX1203WBS01

Tot Ion: 91 Resp: 407198
Ion Ratio Lower Upper
91 100
126 35.4 17.5 52.5

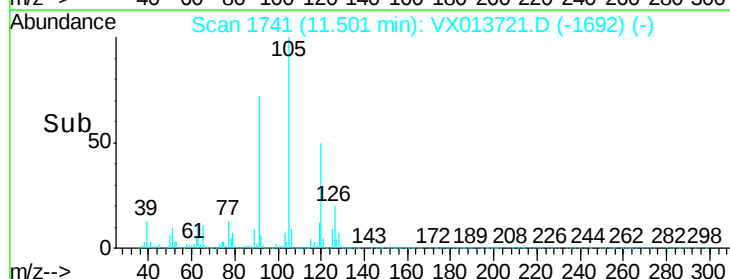
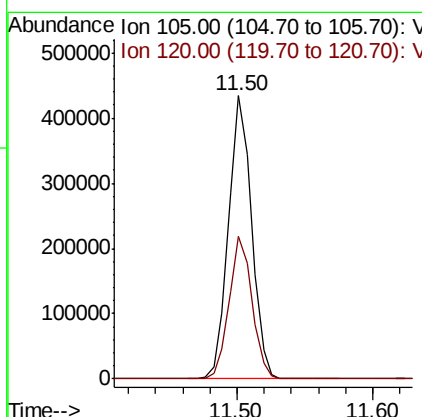
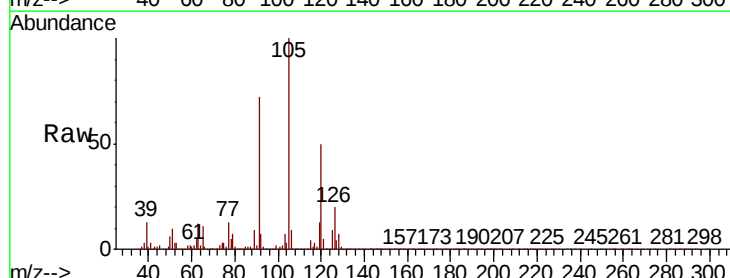
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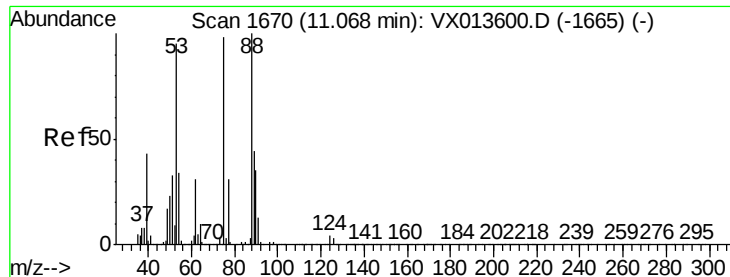
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#80
1,3,5-Trimethylbenzene
Concen: 20.092 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX013721.D
Acq: 03 Dec 2019 13:46

Tgt Ion: 105 Resp: 510515
Ion Ratio Lower Upper
105 100
120 50.2 25.3 75.9





#81

trans-1,4-Dichloro-2-butene

Concen: 18.819 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX013721.D

Acq: 03 Dec 2019 13:46

Instrument :

MSVOA_X

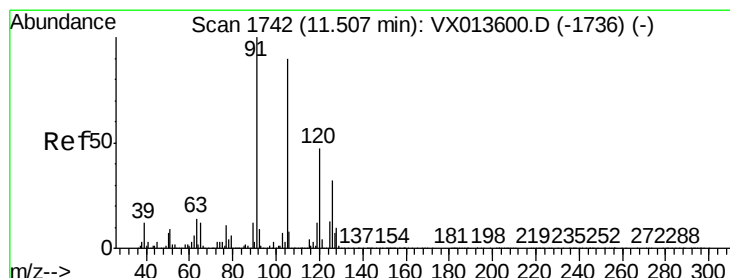
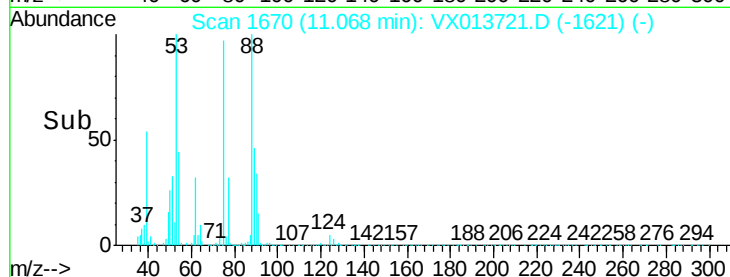
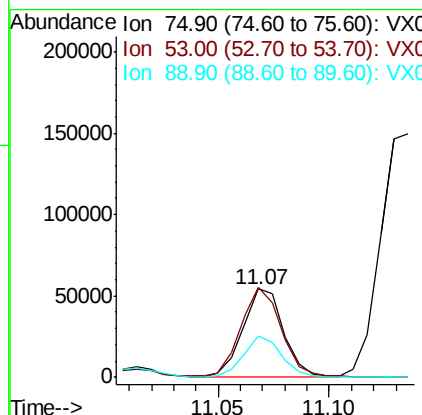
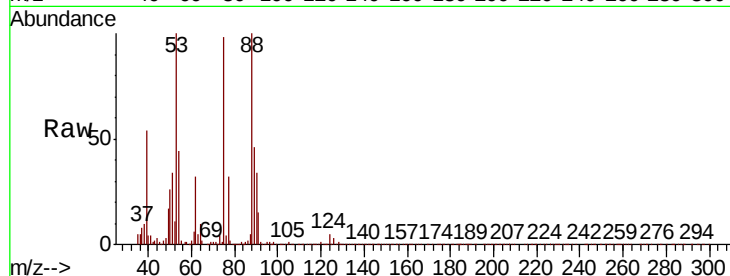
ClientSampleId :

VX1203WBS01

Tot Ion:	75	Resp:	68379
Ion	Ratio	Lower	Upper
75	100		
53	101.3	78.2	117.2
89	44.9	35.4	53.2

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#82

4-Chlorotoluene

Concen: 19.386 ug/l

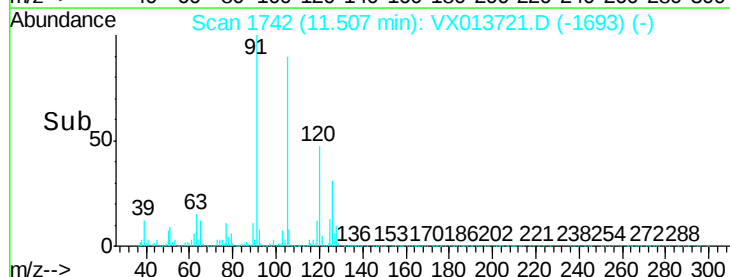
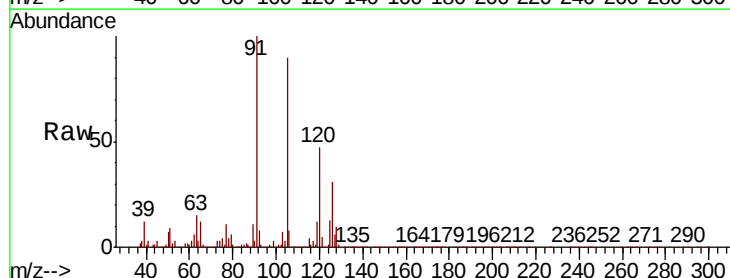
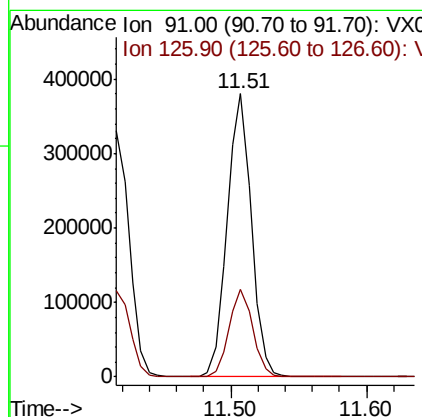
RT: 11.51 min Scan# 1742

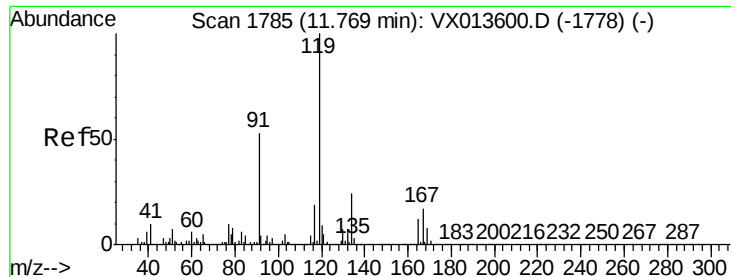
Delta R.T. -0.00 min

Lab File: VX013721.D

Acq: 03 Dec 2019 13:46

Tgt Ion:	91	Resp:	466138
Ion	Ratio	Lower	Upper
91	100		
126	30.5	15.7	47.0





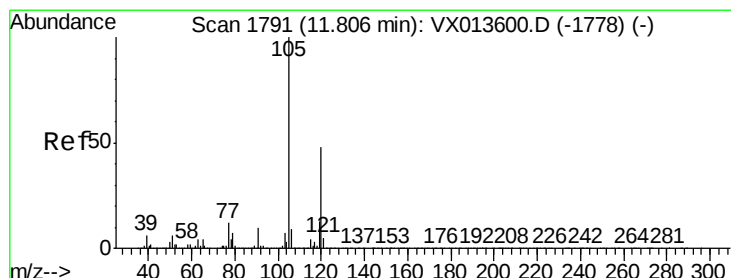
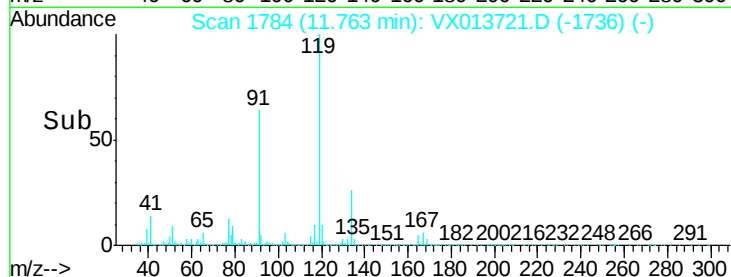
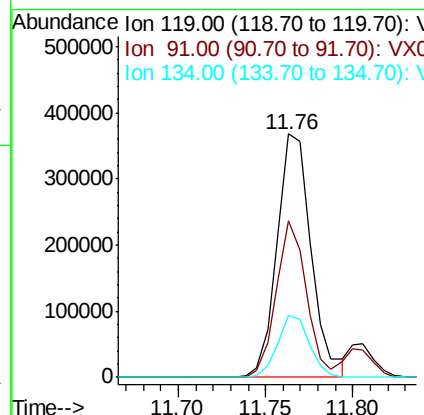
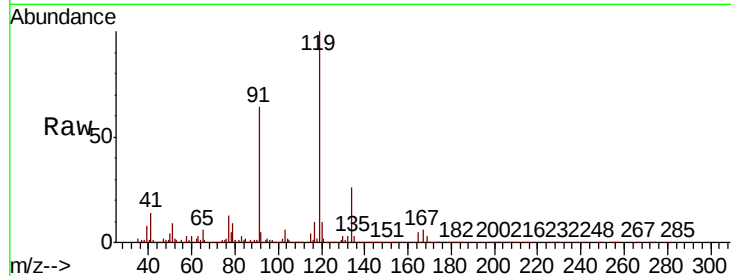
#83
tert-Butylbenzene
Concen: 19.434 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.01 min
Lab File: VX013721.D
Acq: 03 Dec 2019 13:46

Instrument :
MSVOA_X
ClientSampleID :
VX1203WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	501854		
91	56.5	27.2	81.6	
134	23.8	11.7	35.1	

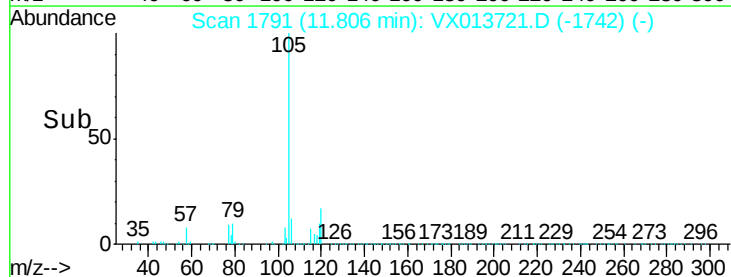
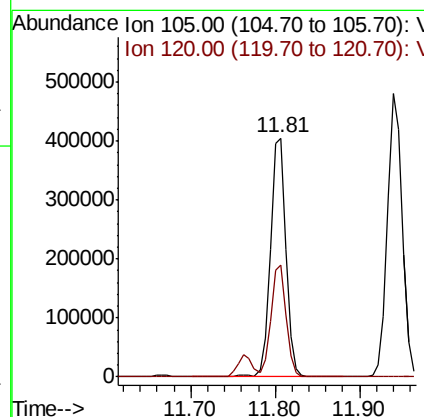
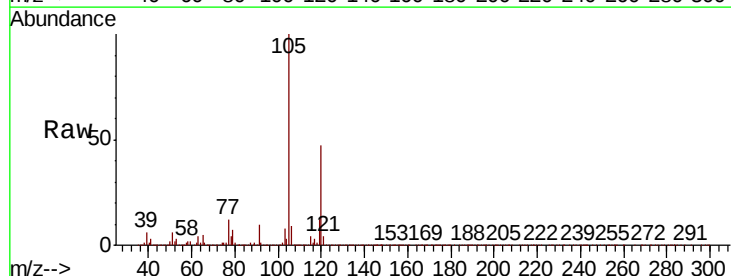
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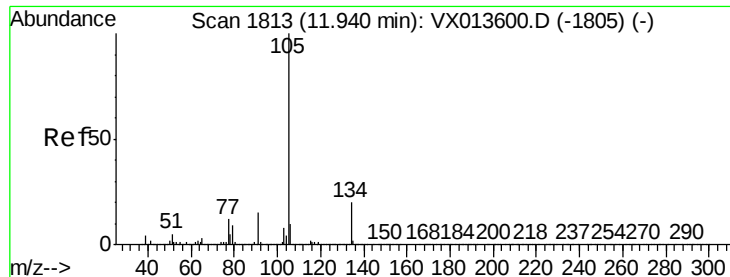
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#84
1,2,4-Trimethylbenzene
Concen: 19.936 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. -0.00 min
Lab File: VX013721.D
Acq: 03 Dec 2019 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	514090		
120	45.8	23.1	69.3	





#85

sec-Butylbenzene

Concen: 19.987 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013721.D

Acq: 03 Dec 2019 13:46

Instrument :

MSVOA_X

ClientSampled :

VX1203WBS01

Tot Ion:105 Resp: 589514

Ion Ratio Lower Upper

105 100

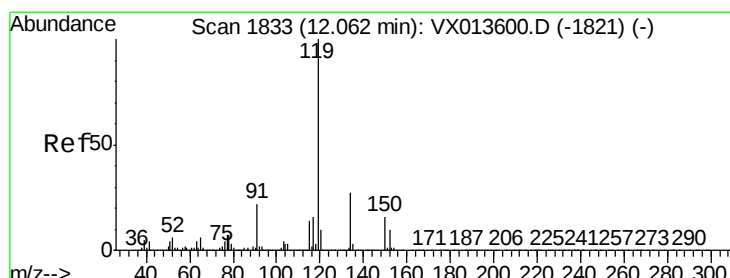
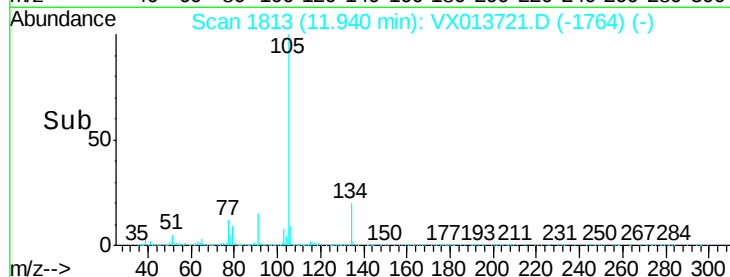
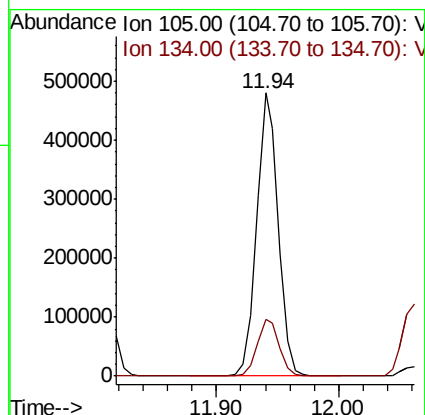
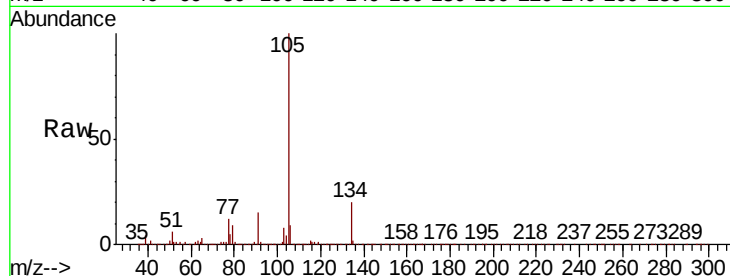
134 20.5 10.4 31.2

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#86

p-Isopropyltoluene

Concen: 19.507 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013721.D

Acq: 03 Dec 2019 13:46

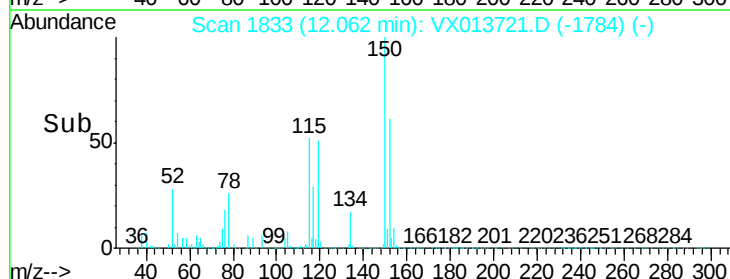
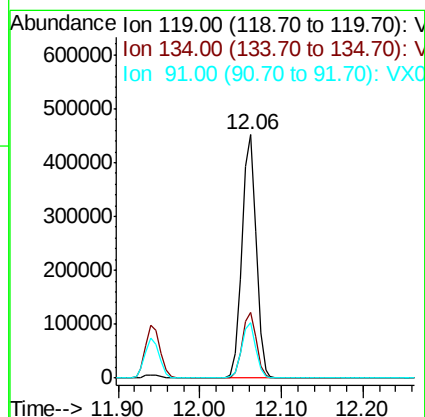
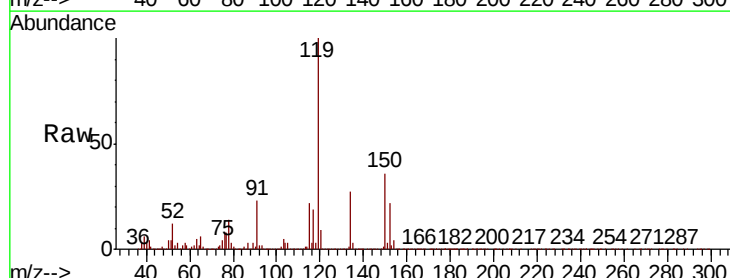
Tgt Ion:119 Resp: 535252

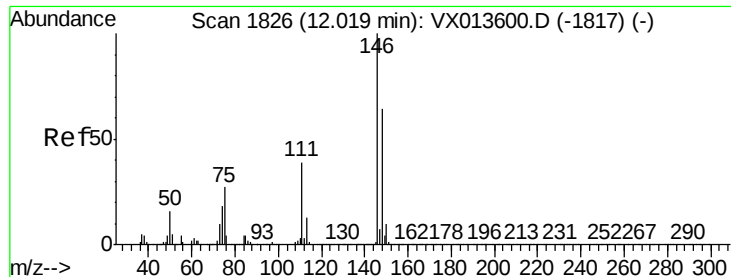
Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.9

91 22.5 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 18.900 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX013721.D

Acq: 03 Dec 2019 13:46

Instrument :

MSVOA_X

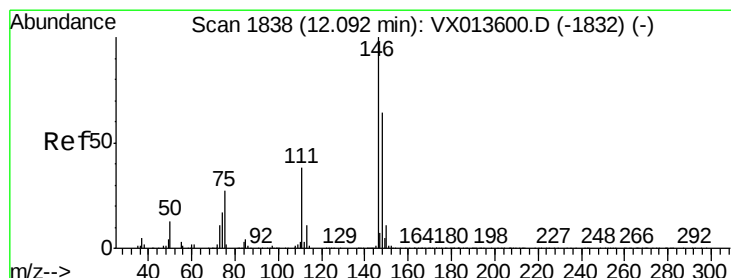
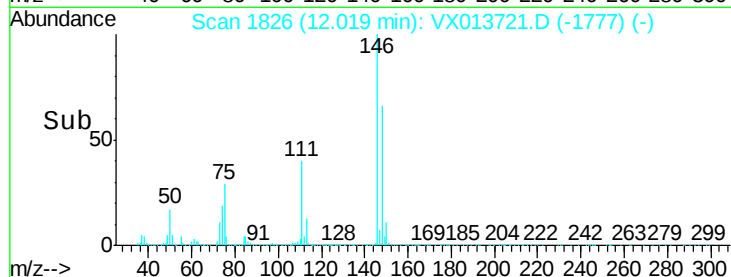
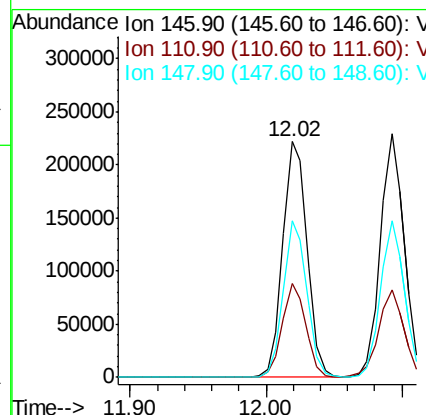
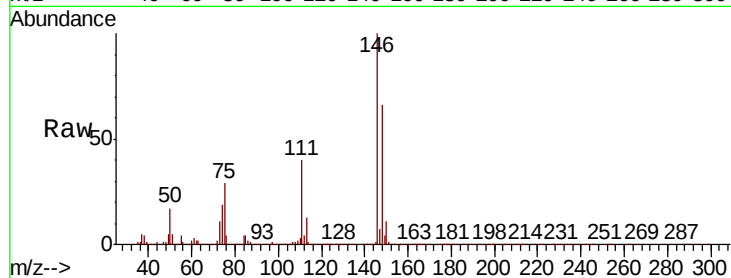
ClientSampleId :

VX1203WBS01

Tot Ion:	146	Resp:	275925
Ion Ratio		Lower	Upper
146	100		
111	38.5	19.0	57.0
148	64.2	31.8	95.4

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#88

1,4-Dichlorobenzene

Concen: 18.617 ug/l

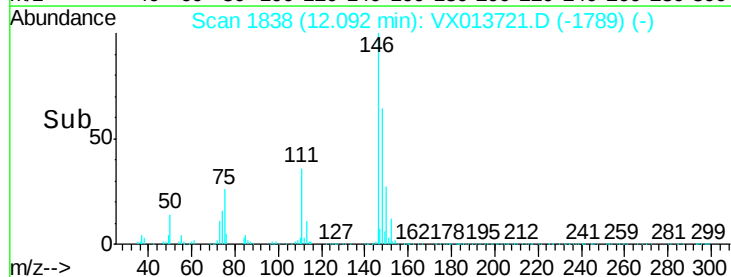
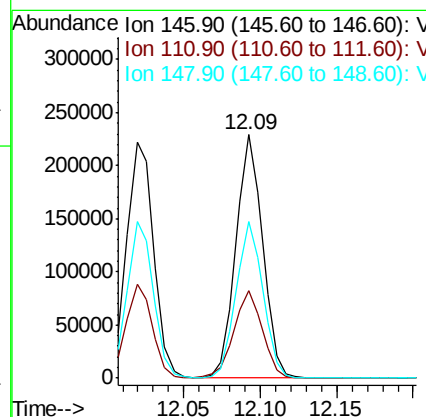
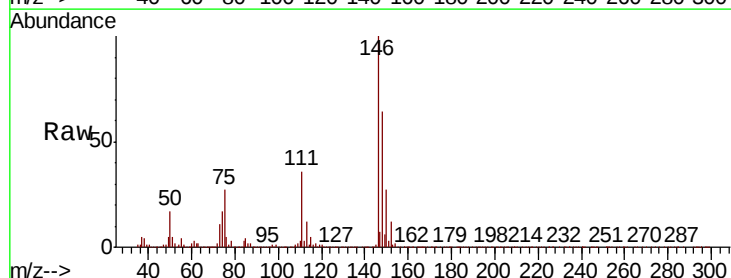
RT: 12.09 min Scan# 1838

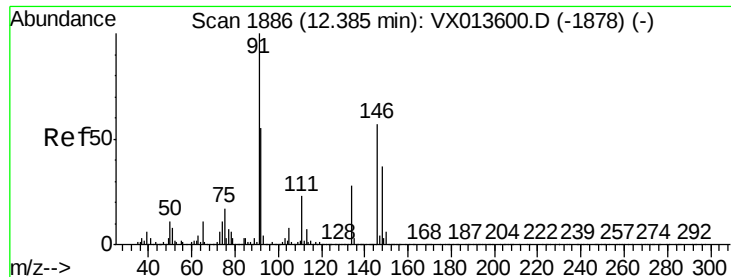
Delta R.T. -0.00 min

Lab File: VX013721.D

Acq: 03 Dec 2019 13:46

Tgt Ion:	146	Resp:	276852
Ion Ratio		Lower	Upper
146	100		
111	38.2	18.9	56.9
148	64.7	31.9	95.5





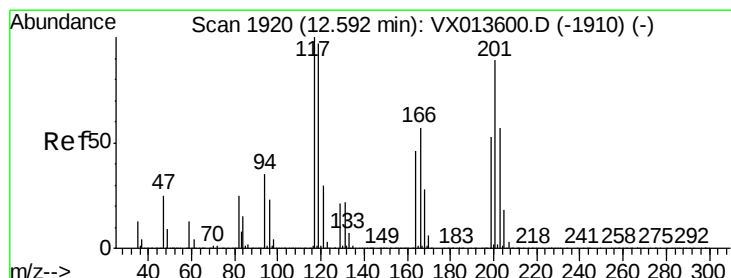
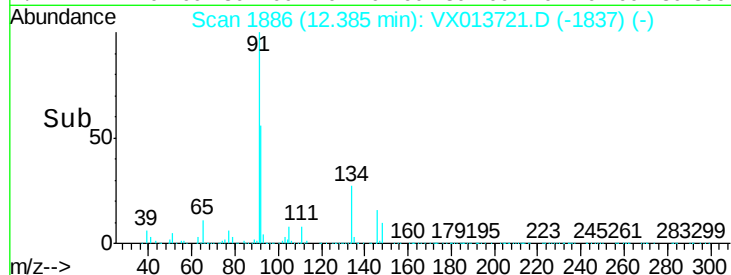
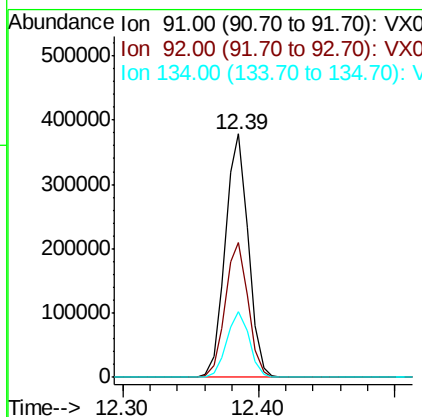
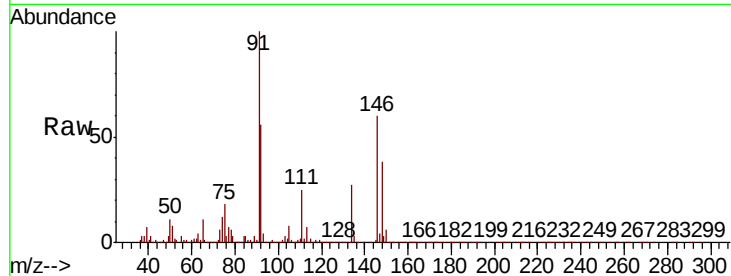
#89
n-Butylbenzene
Concen: 18.954 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013721.D
Acq: 03 Dec 2019 13:46

Instrument :
MSVOA_X
ClientSampleId :
VX1203WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.0	27.4	82.2
134	26.9	13.5	40.4

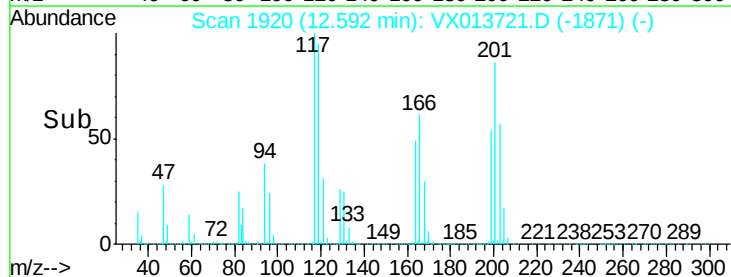
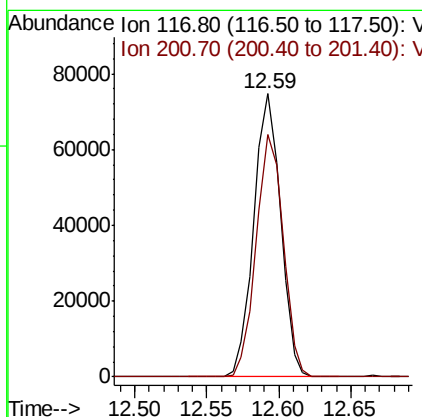
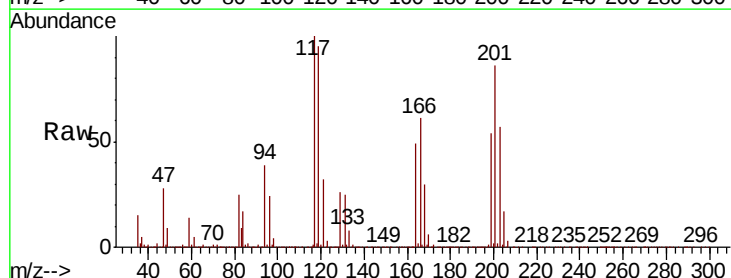
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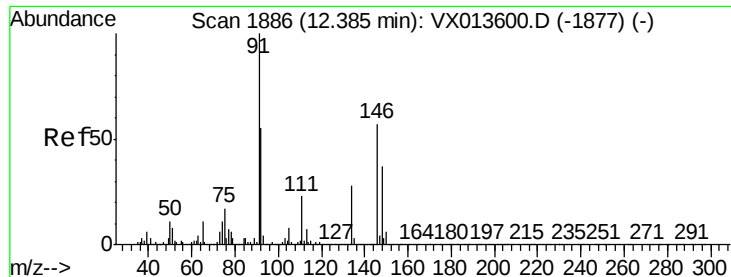
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#90
Hexachloroethane
Concen: 19.302 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013721.D
Acq: 03 Dec 2019 13:46

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.1	44.1	132.4





#91

1,2-Dichlorobenzene

Concen: 19.515 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013721.D

Acq: 03 Dec 2019 13:46

Instrument :

MSVOA_X

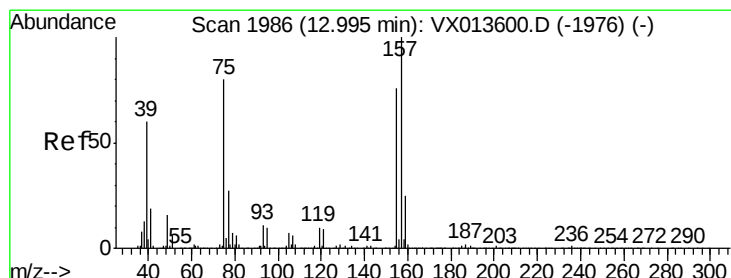
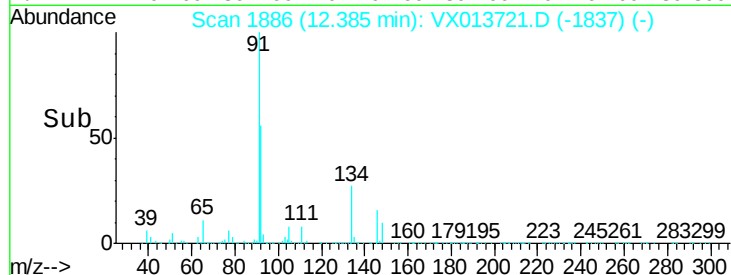
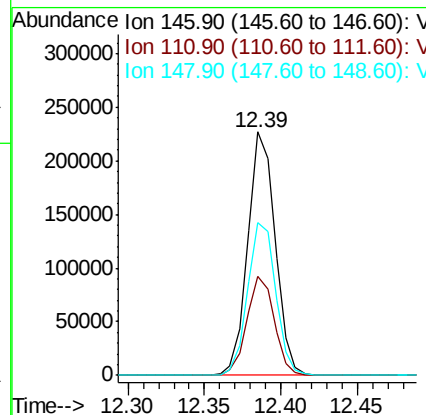
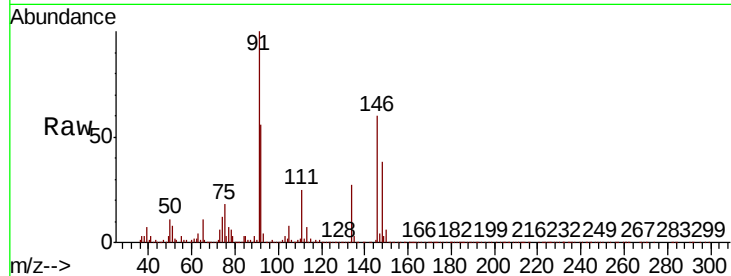
ClientSampleId :

VX1203WBS01

Tot Ion:	146	Resp:	281499
Ion Ratio	Lower	Upper	
146	100		
111	40.8	19.6	58.7
148	64.7	31.9	95.7

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#92

1,2-Dibromo-3-Chloropropane

Concen: 19.624 ug/l

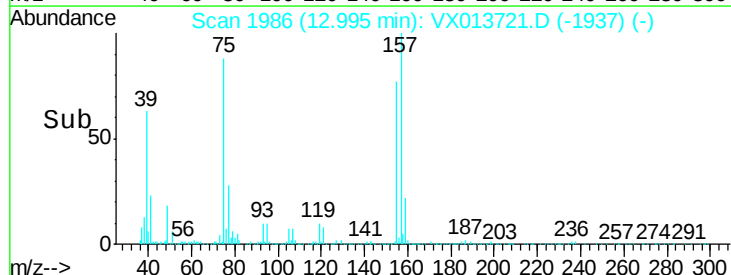
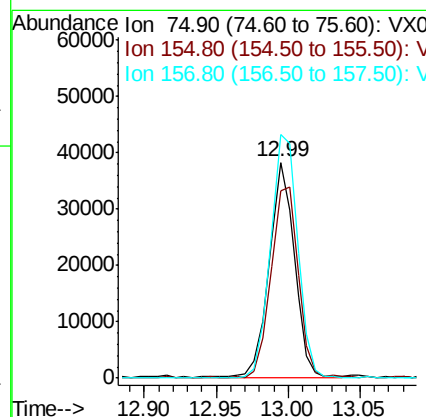
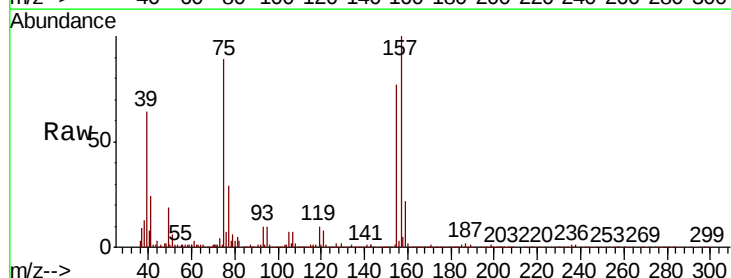
RT: 12.99 min Scan# 1986

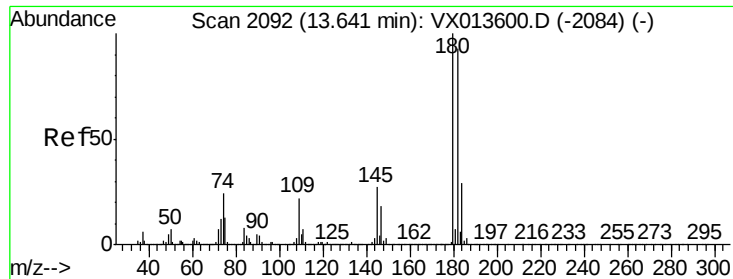
Delta R.T. -0.00 min

Lab File: VX013721.D

Acq: 03 Dec 2019 13:46

Tgt Ion:	75	Resp:	45946
Ion Ratio	Lower	Upper	
75	100		
155	97.1	47.6	142.8
157	123.6	62.1	186.2





#93

1,2,4-Trichlorobenzene

Concen: 18.105 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. -0.00 min

Lab File: VX013721.D

Acq: 03 Dec 2019 13:46

Instrument :

MSVOA_X

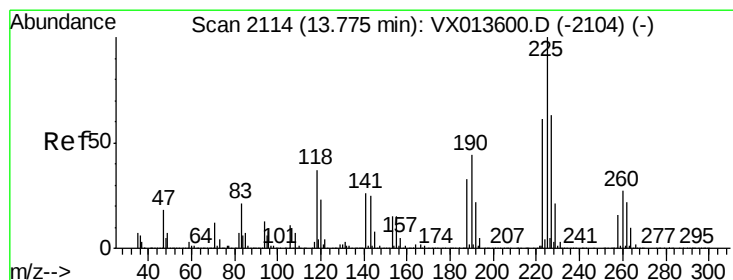
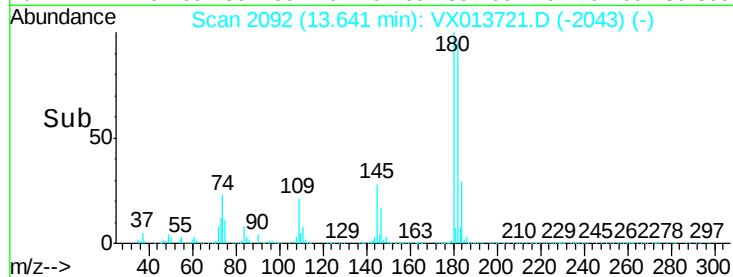
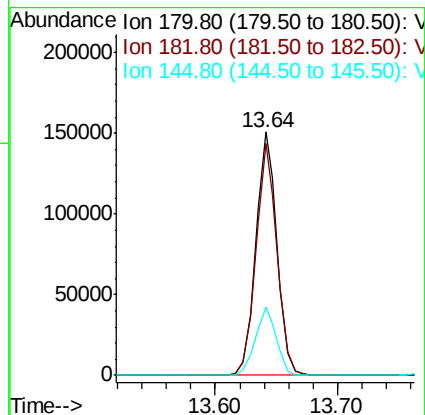
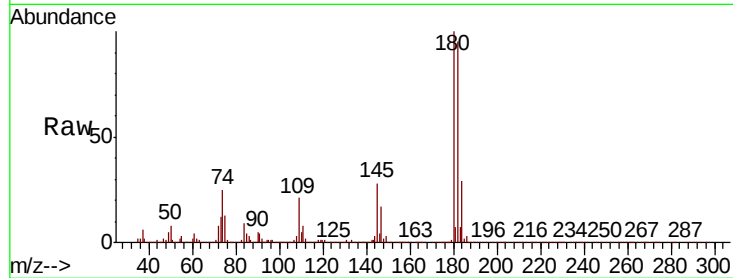
ClientSampleId :

VX1203WBS01

Tot Ion:	180	Resp:	182009
Ion Ratio	Lower	Upper	
180	100		
182	94.3	47.2	141.6
145	28.0	13.8	41.4

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#94

Hexachlorobutadiene

Concen: 17.797 ug/l

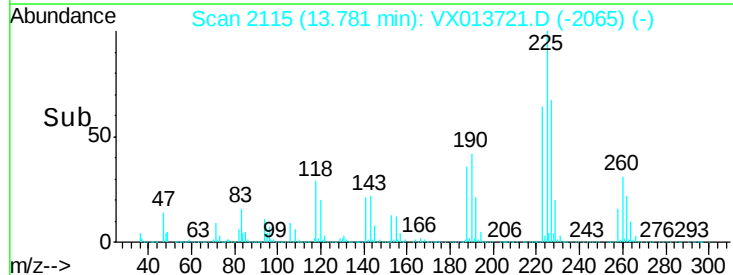
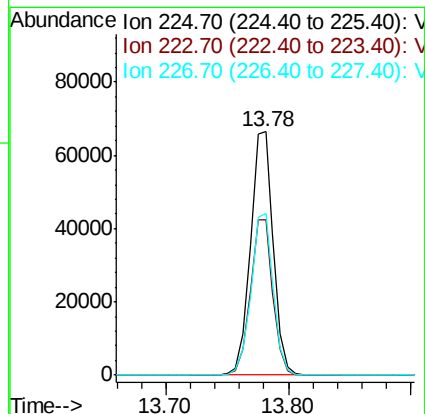
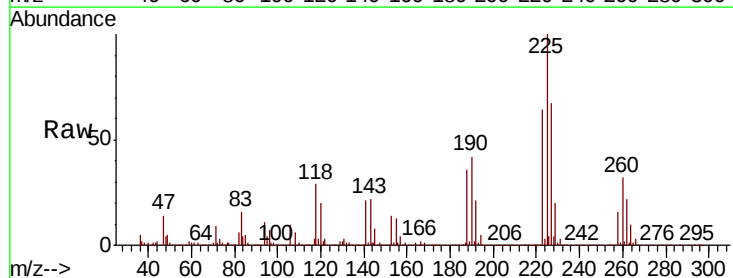
RT: 13.78 min Scan# 2115

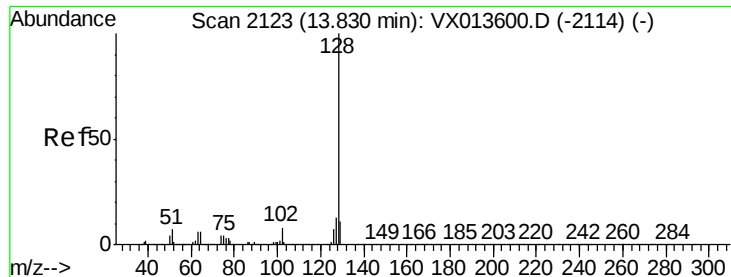
Delta R.T. 0.01 min

Lab File: VX013721.D

Acq: 03 Dec 2019 13:46

Tgt Ion:	225	Resp:	85945
Ion Ratio	Lower	Upper	
225	100		
223	63.3	31.9	95.5
227	65.3	32.1	96.3





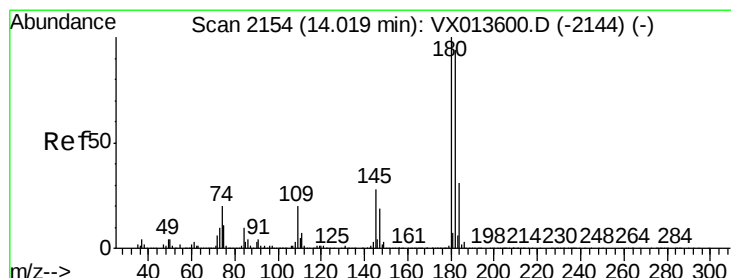
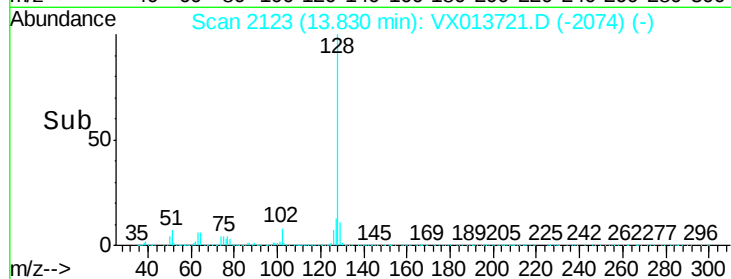
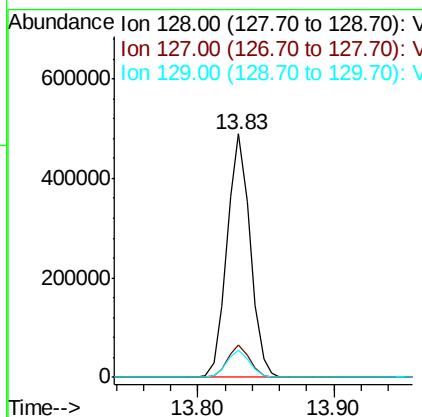
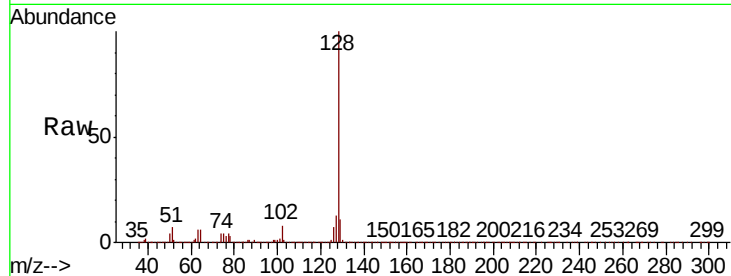
#95
Naphthalene
Concen: 19.284 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013721.D
Acq: 03 Dec 2019 13:46

Instrument :
MSVOA_X
ClientSampleId :
VX1203WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.9	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 18.753 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.01 min
Lab File: VX013721.D
Acq: 03 Dec 2019 13:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.6	142.8
145	30.7	15.0	45.0

