

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120919\
 Data File : VX0137872.D
 Acq On : 10 Dec 2019 00:20
 Operator : JC/SP
 Sample : VX1209WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Manual Integrations
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 12/10/2019 11:20:46 AM

Quant Time: Dec 10 05:42:48 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	570875	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	878377	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	788565	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	383894	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	305416	46.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.18%	
35) Dibromofluoromethane	5.49	113	252800	46.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.10%	
50) Toluene-d8	8.71	98	962671	45.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.00%	
62) 4-Bromofluorobenzene	11.14	95	339237	44.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	112798	17.752	ug/l	94
3) Chloromethane	1.32	50	133343	18.702	ug/l	98
4) Vinyl Chloride	1.40	62	153424	19.119	ug/l	100
5) Bromomethane	1.63	94	98033	18.191	ug/l	92
6) Chloroethane	1.72	64	87135	19.081	ug/l	93
7) Trichlorofluoromethane	1.92	101	166242	18.656	ug/l	99
8) Diethyl Ether	2.18	74	77950	19.336	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	99810	18.338	ug/l	98
10) Methyl Iodide	2.50	142	107500	16.328	ug/l	99
11) Tert butyl alcohol	3.03	59	144754	88.499	ug/l	99
12) 1,1-Dichloroethene	2.37	96	100142	18.433	ug/l	98
13) Acrolein	2.28	56	91357	87.515	ug/l	99
14) Allyl chloride	2.72	41	177694	18.023	ug/l	100
15) Acrylonitrile	3.13	53	330509	97.892	ug/l	99
16) Acetone	2.43	43	313425	95.801	ug/l	99
17) Carbon Disulfide	2.56	76	247682	15.992	ug/l	100
18) Methyl Acetate	2.76	43	190950	20.960	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	349430	19.415	ug/l	96
20) Methylene Chloride	2.85	84	120168	19.119	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	107458	18.156	ug/l	94
22) Diisopropyl ether	3.84	45	382081	20.126	ug/l	94
23) Vinyl Acetate	3.80	43	1452106	91.946	ug/l	100
24) 1,1-Dichloroethane	3.69	63	205877	19.838	ug/l	98
25) 2-Butanone	4.66	43	468932	96.443	ug/l	100
26) 2,2-Dichloropropane	4.57	77	131698	15.338	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	126313	18.584	ug/l	99
28) Bromochloromethane	5.00	49	88481	21.567	ug/l	98
29) Tetrahydrofuran	5.12	42	296257	98.837	ug/l	100
30) Chloroform	5.20	83	199613	18.966	ug/l	97
31) Cyclohexane	5.58	56	173241	17.698	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	166547	18.936	ug/l	98
36) 1,1-Dichloropropene	5.79	75	146570	18.382	ug/l	98
37) Ethyl Acetate	4.82	43	173578	19.405	ug/l	99
38) Carbon Tetrachloride	5.78	117	137219	18.664	ug/l	95

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	167044	16.949	ug/l	95
40) Benzene	6.14	78	457770	18.850	ug/l	99
41) Methacrylonitrile	5.03	41	97344	19.843	ug/l	98
42) 1,2-Dichloroethane	6.18	62	161868	19.544	ug/l	99
43) Isopropyl Acetate	6.43	43	278914	18.940	ug/l	99
44) Trichloroethene	7.20	130	122921	18.443	ug/l	93
45) 1,2-Dichloropropane	7.51	63	119930	19.739	ug/l	98
46) Dibromomethane	7.65	93	78006	18.903	ug/l	99
47) Bromodichloromethane	7.89	83	146311	18.755	ug/l	98
48) Methyl methacrylate	7.76	41	136750	19.112	ug/l	96
49) 1,4-Dioxane	7.73	88	56454	352.485	ug/l	95
51) 4-Methyl-2-Pentanone	8.64	43	915974	98.883	ug/l	99
52) Toluene	8.78	92	288501	19.123	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	155113	17.468	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	173646	17.899	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	121155	19.928	ug/l	97
56) Ethyl methacrylate	9.17	69	186885	19.120	ug/l	99
57) 1,3-Dichloropropane	9.37	76	201328	19.212	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	344339	89.852	ug/l	100
59) 2-Hexanone	9.48	43	694797	96.171	ug/l	98
60) Dibromochloromethane	9.57	129	119269	18.904	ug/l	99
61) 1,2-Dibromoethane	9.67	107	123642	19.042	ug/l	99
64) Tetrachloroethene	9.33	164	136136	23.150	ug/l	98
65) Chlorobenzene	10.14	112	307335	18.772	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	112511	19.137	ug/l	98
67) Ethyl Benzene	10.25	91	534654	19.004	ug/l	98
68) m/p-Xylenes	10.35	106	405786	37.673	ug/l	100
69) o-Xylene	10.70	106	199156	18.958	ug/l	99
70) Styrene	10.71	104	334422	18.924	ug/l	99
71) Bromoform	10.85	173	89435	18.385	ug/l #	97
73) Isopropylbenzene	11.01	105	528574	19.629	ug/l	99
74) N-amyl acetate	10.89	43	234070	18.975	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	186096	19.927	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	170715m	19.771	ug/l	
77) Bromobenzene	11.25	156	137591	18.913	ug/l	97
78) n-propylbenzene	11.35	91	573229	19.069	ug/l	99
79) 2-Chlorotoluene	11.42	91	348921	19.349	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	429579	19.464	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	50450	15.985	ug/l	93
82) 4-Chlorotoluene	11.51	91	401405	19.219	ug/l	98
83) tert-Butylbenzene	11.76	119	423271	18.871	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	432409	19.304	ug/l	99
85) sec-Butylbenzene	11.94	105	497057	19.401	ug/l	100
86) p-Isopropyltoluene	12.06	119	450984	18.922	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	234502	18.492	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	234496	18.154	ug/l	99
89) n-Butylbenzene	12.39	91	364942	17.952	ug/l	99
90) Hexachloroethane	12.59	117	78568	18.237	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	240892	19.226	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	36348	17.873	ug/l	95

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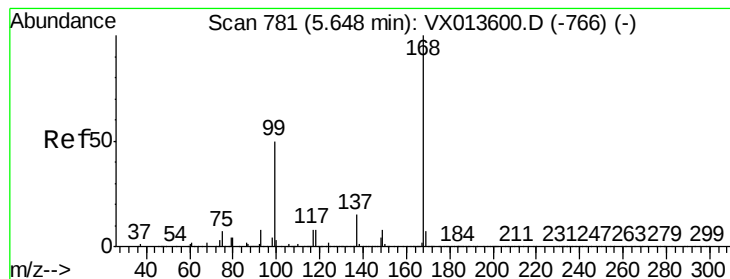
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	152495	17.463	ug/l	99
94) Hexachlorobutadiene	13.78	225	76024	18.123	ug/l	98
95) Naphthalene	13.83	128	476273	18.315	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	158373	18.318	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: VX0137872.D

Acq: 10 Dec 2019 00:20

Instrument :

MSVOA_X

ClientSampled :

Tot Ion:168 Resp: 570875

Ion Ratio Lower Upper

168 100

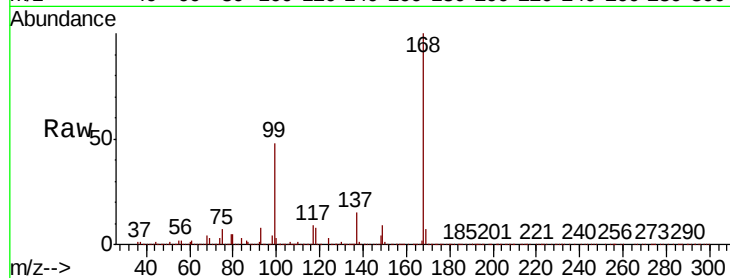
99 48.3 39.8 59.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

150000

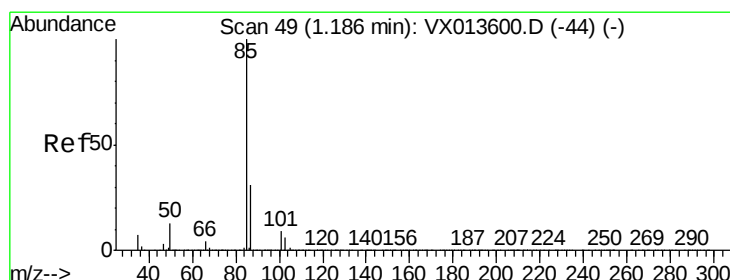
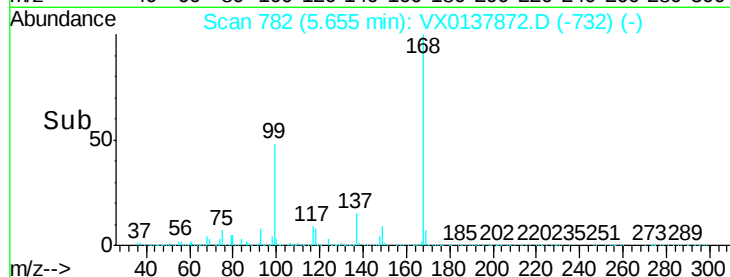
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50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 17.752 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX0137872.D

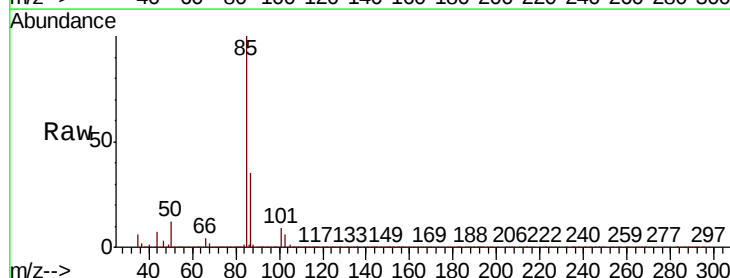
Acq: 10 Dec 2019 00:20

Tgt Ion: 85 Resp: 112798

Ion Ratio Lower Upper

85 100

87 34.6 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

120000

100000

80000

60000

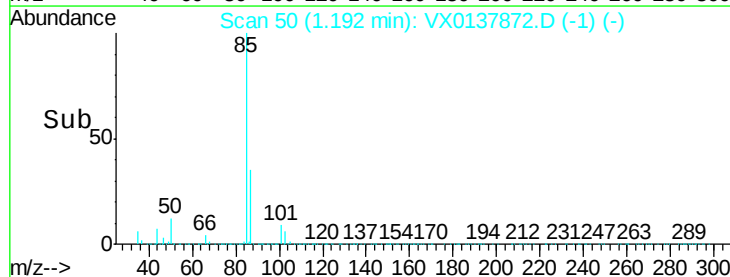
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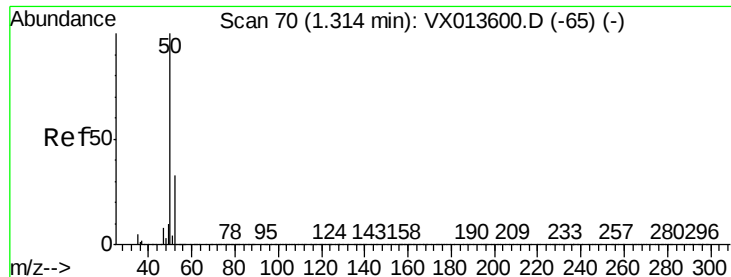
20000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 18.702 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX0137872.D

Acq: 10 Dec 2019 00:20

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 50 Resp: 133343

Ion Ratio Lower Upper

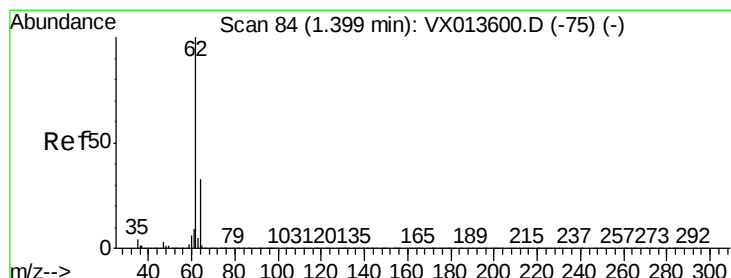
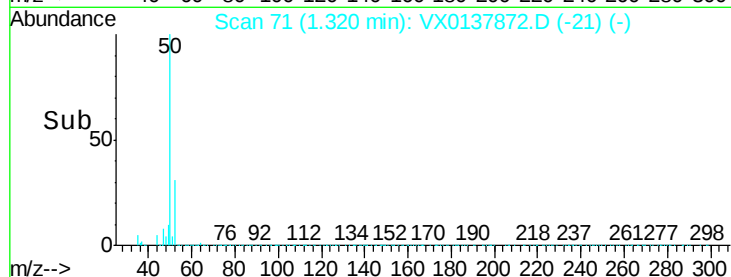
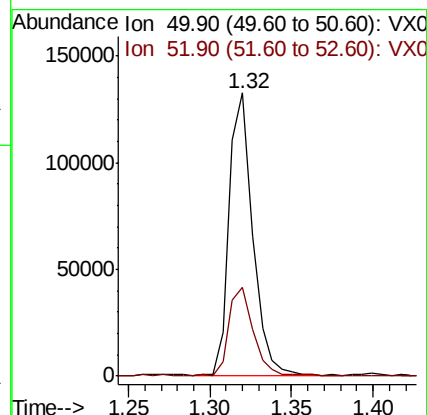
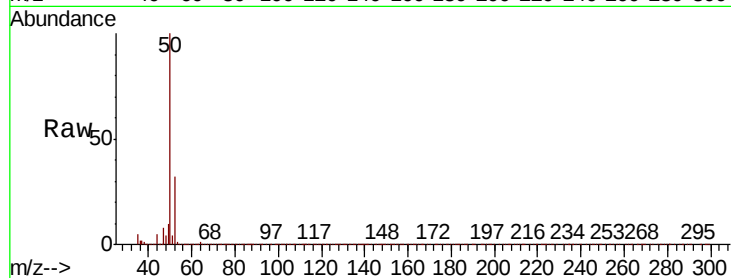
50 100

52 31.5 26.0 39.0

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#4

Vinyl Chloride

Concen: 19.119 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX0137872.D

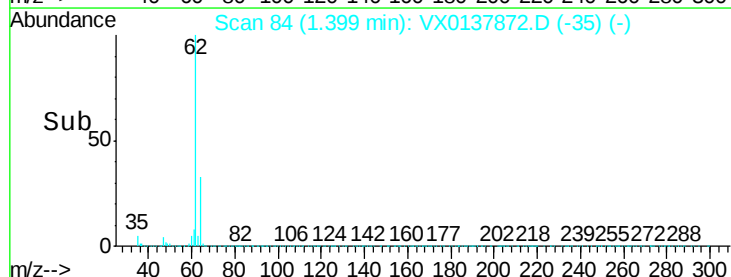
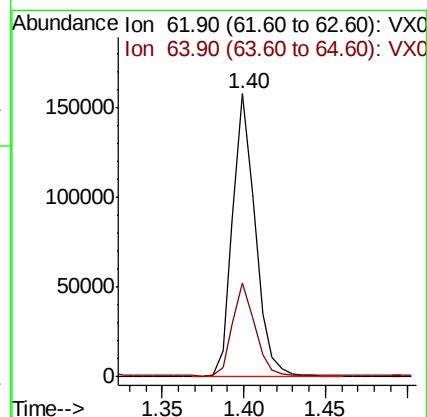
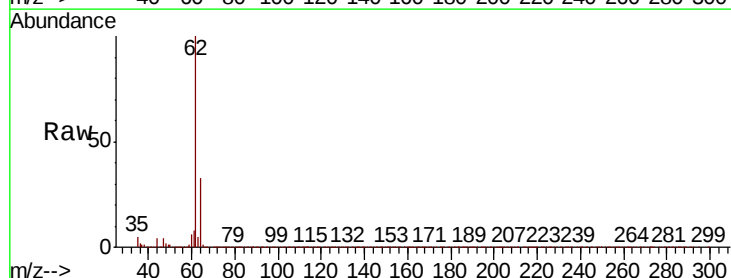
Acq: 10 Dec 2019 00:20

Tgt Ion: 62 Resp: 153424

Ion Ratio Lower Upper

62 100

64 32.8 26.0 39.0





#5

Bromomethane

Concen: 18.191 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX0137872.D

Acq: 10 Dec 2019 00:20

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 98033

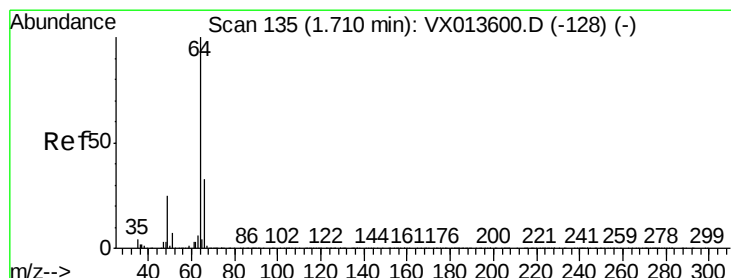
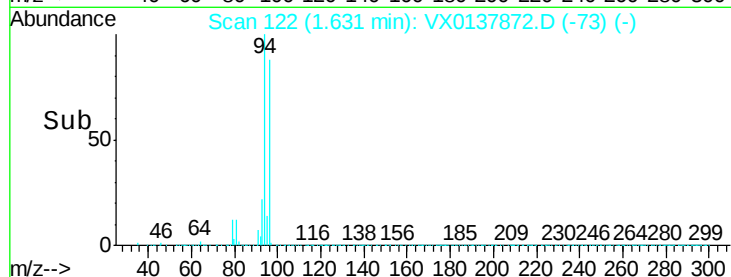
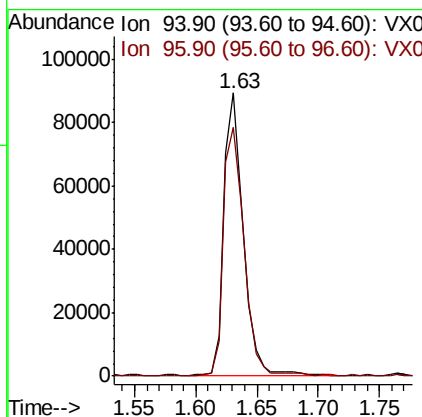
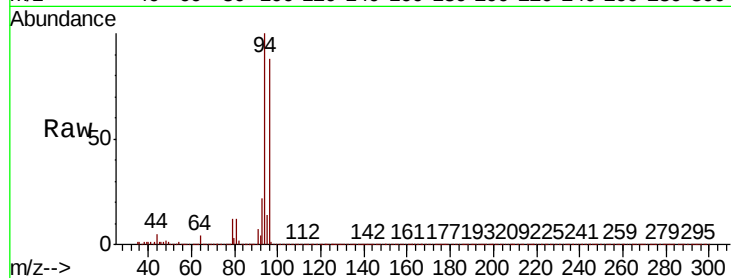
Ion Ratio Lower Upper

94 100

96 88.1 77.0 115.4

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#6

Chloroethane

Concen: 19.081 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX0137872.D

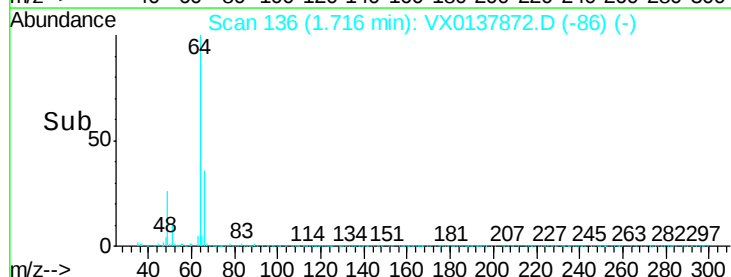
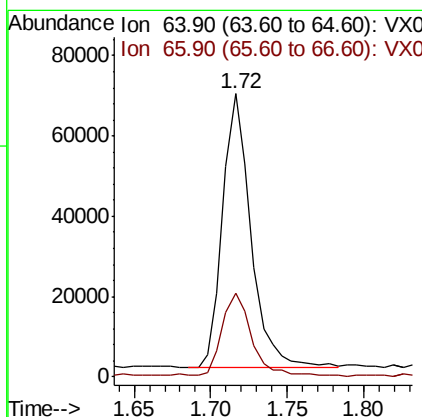
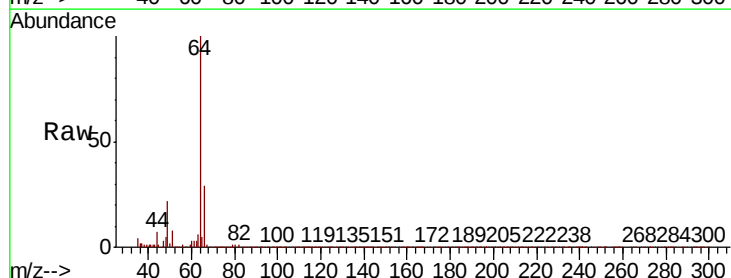
Acq: 10 Dec 2019 00:20

Tgt Ion: 64 Resp: 87135

Ion Ratio Lower Upper

64 100

66 29.7 26.7 40.1





#7

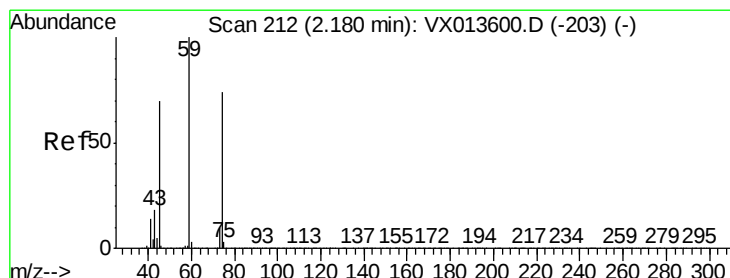
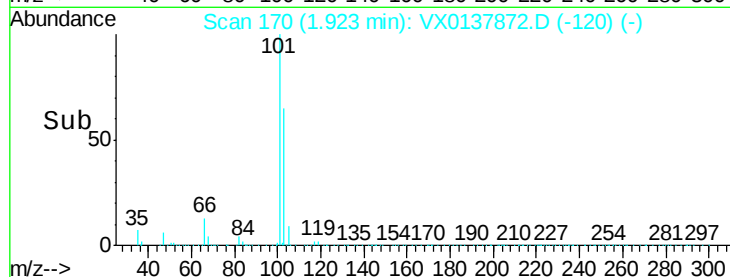
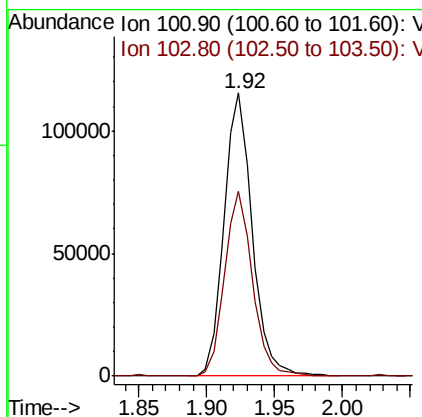
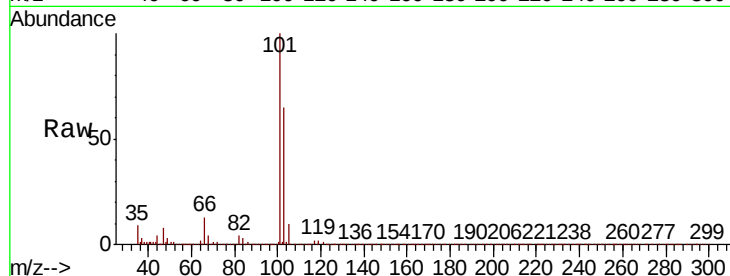
Trichlorofluoromethane
Concen: 18.656 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX0137872.D
Acq: 10 Dec 2019 00:20

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.2	51.8	77.6

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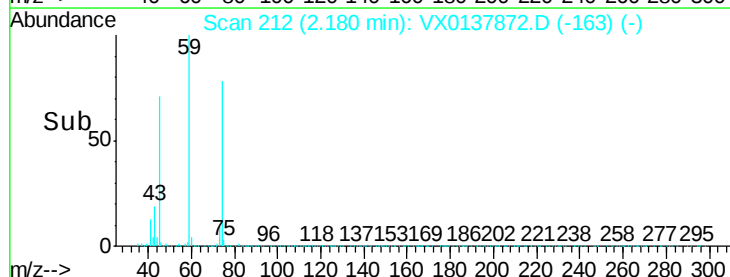
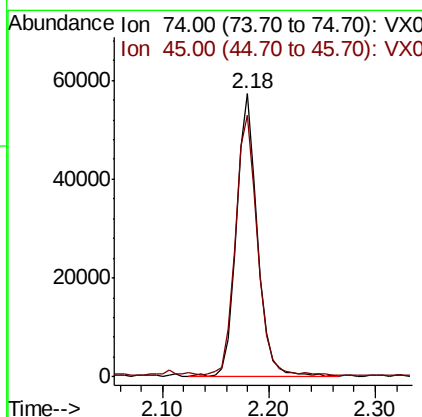
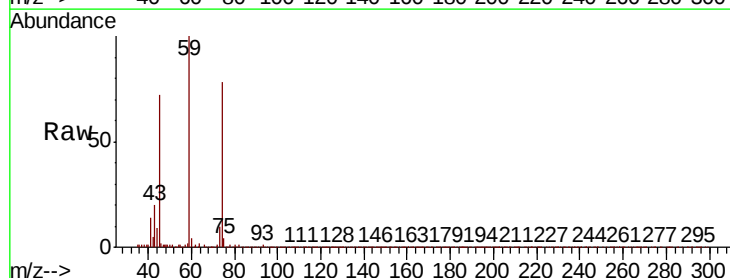
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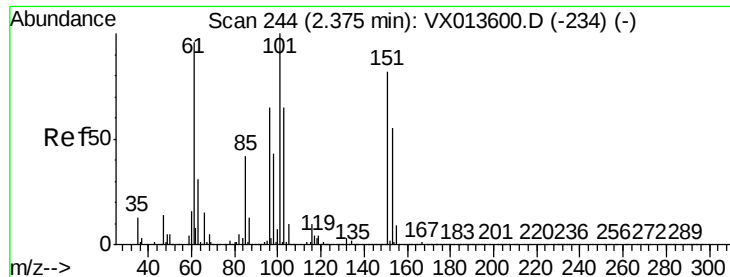


#8

Diethyl Ether
Concen: 19.336 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX0137872.D
Acq: 10 Dec 2019 00:20

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.1	48.9	146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.338 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX0137872.D

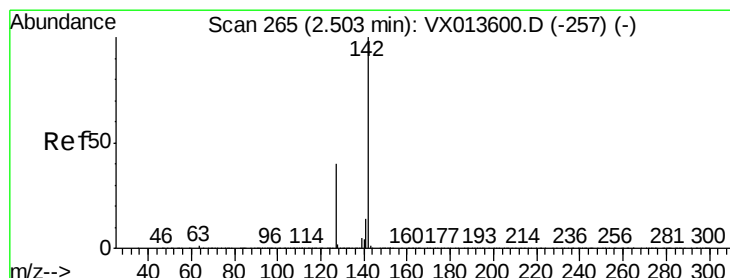
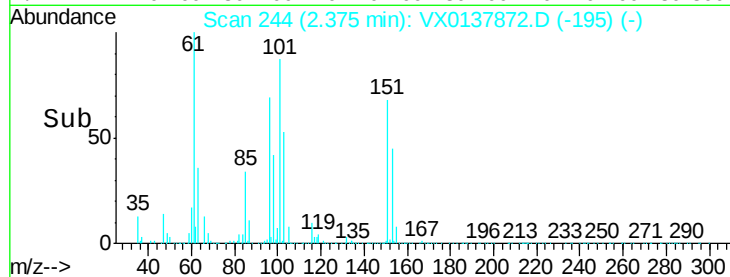
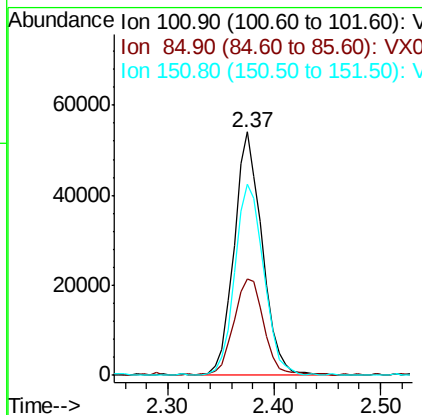
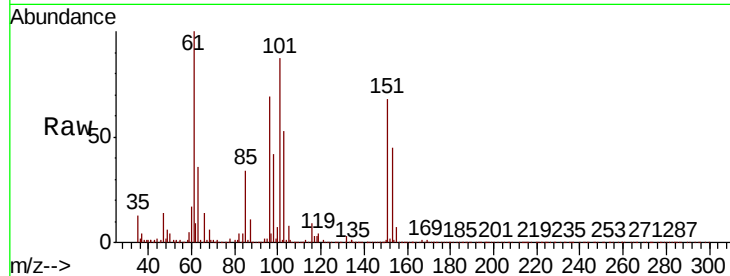
Acq: 10 Dec 2019 00:20

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	101	Resp:	99810
Ion Ratio	Lower	Upper	
101	100		
85	41.9	33.9	50.9
151	82.0	64.2	96.2

Manual Integrations
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#10

Methyl Iodide

Concen: 16.328 ug/l

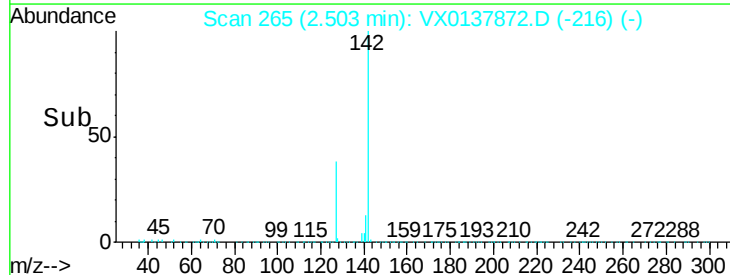
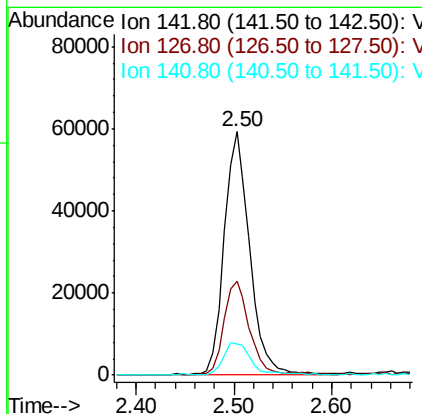
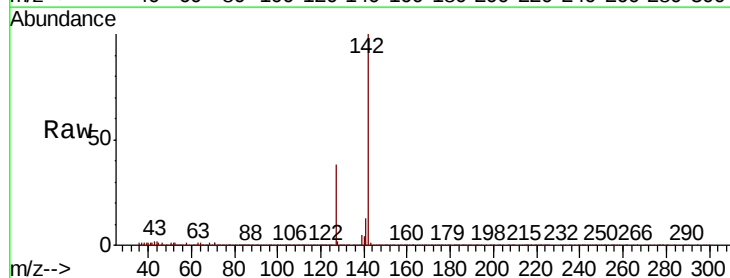
RT: 2.50 min Scan# 265

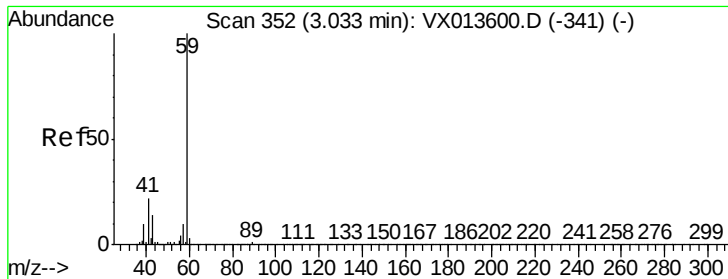
Delta R.T. -0.00 min

Lab File: VX0137872.D

Acq: 10 Dec 2019 00:20

Tgt Ion:	142	Resp:	107500
Ion Ratio	Lower	Upper	
142	100		
127	39.3	31.0	46.4
141	14.2	11.6	17.4





#11

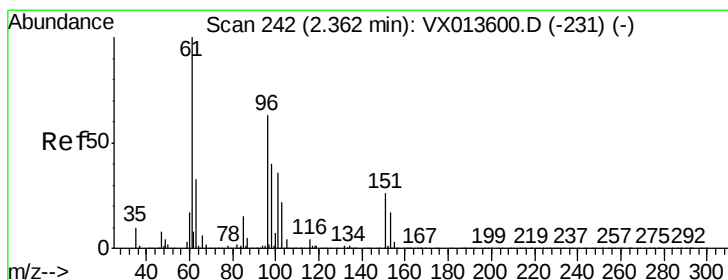
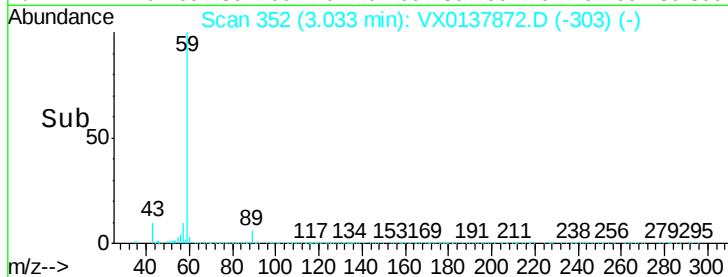
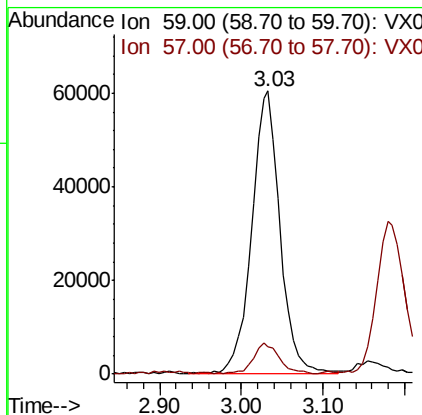
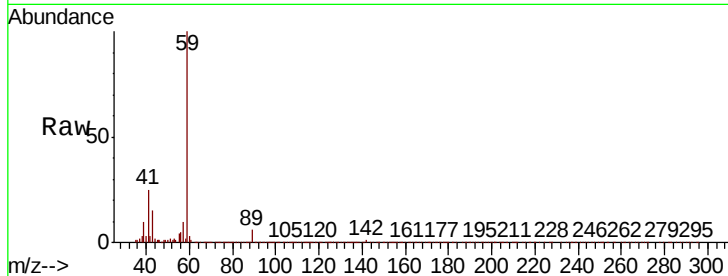
Tert butyl alcohol
Concen: 88.499 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.00 min
Lab File: VX0137872.D
Acq: 10 Dec 2019 00:20

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.3	7.8	11.6

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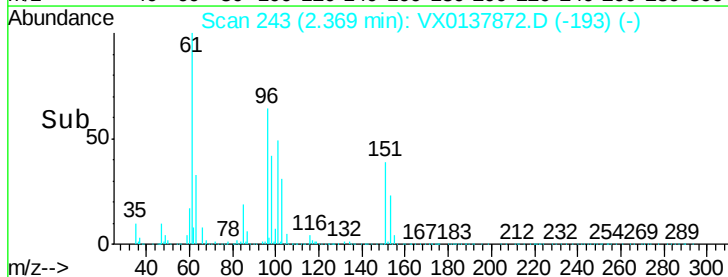
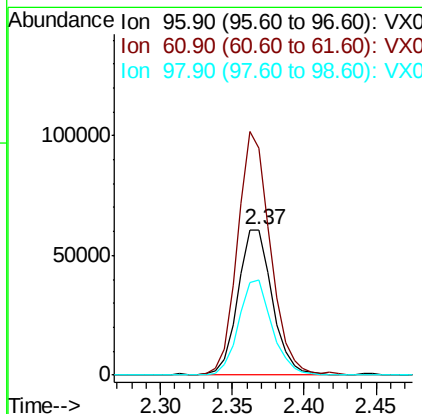
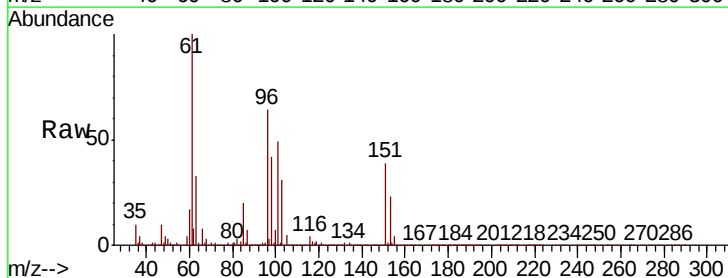
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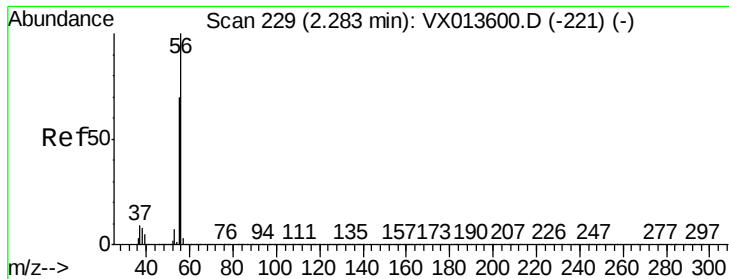


#12

1,1-Dichloroethene
Concen: 18.433 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX0137872.D
Acq: 10 Dec 2019 00:20

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.1	126.6	190.0
98	65.1	50.6	76.0





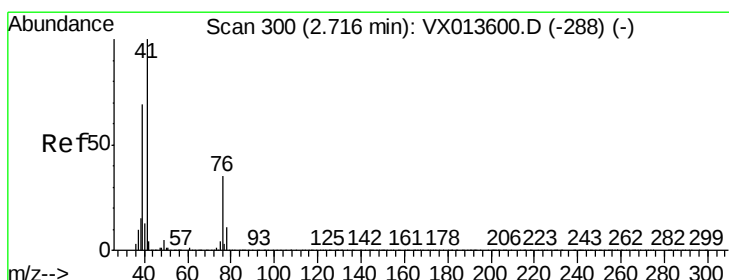
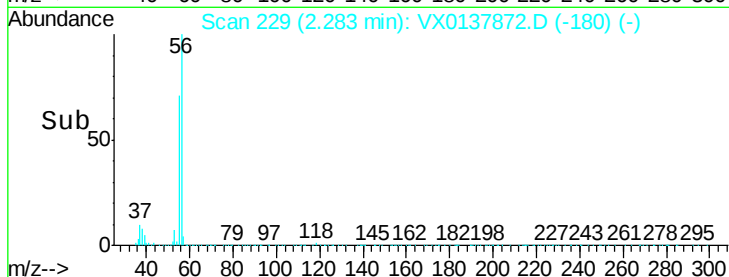
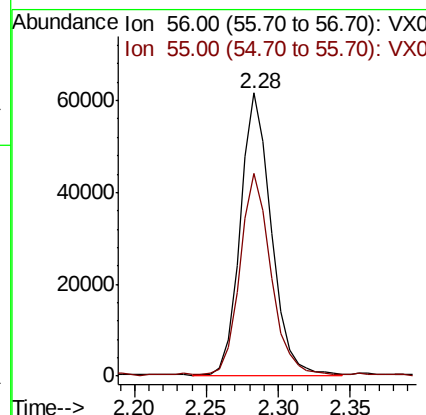
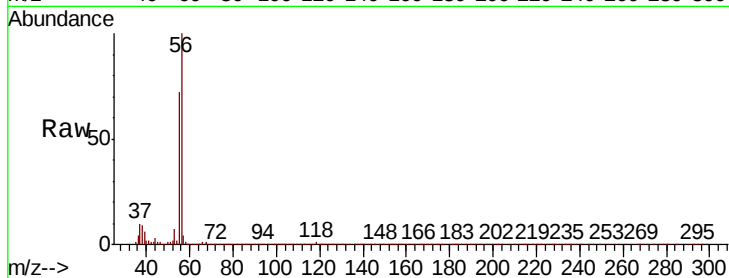
#13
Acrolein
Concen: 87.515 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX0137872.D
Acq: 10 Dec 2019 00:20

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
56	100		
55	71.1	56.2	84.4

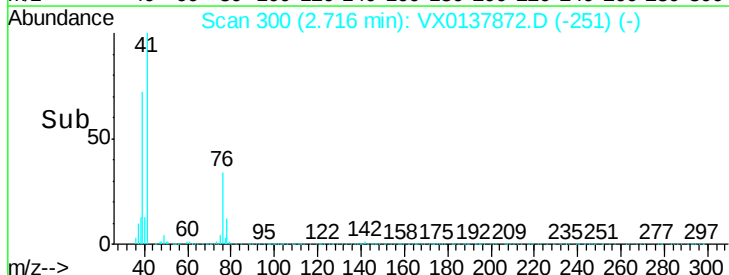
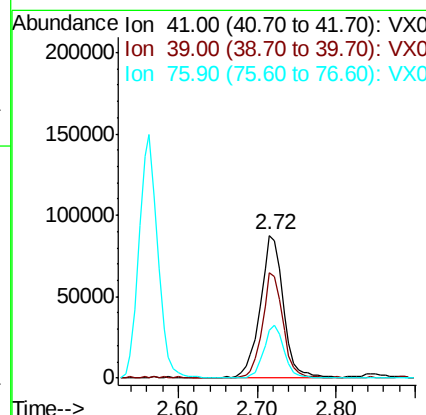
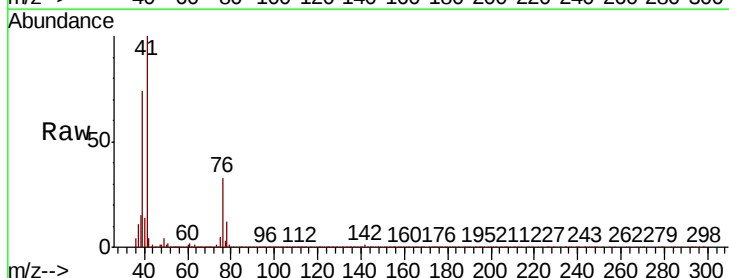
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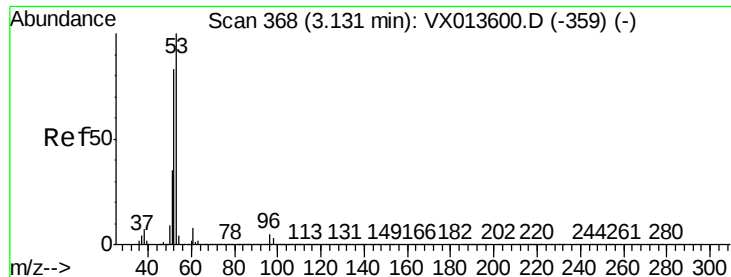
apatel
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#14
Allyl chloride
Concen: 18.023 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.00 min
Lab File: VX0137872.D
Acq: 10 Dec 2019 00:20

Tgt Ion	Ratio	Lower	Upper
41	100		
39	64.8	51.7	77.5
76	31.9	25.9	38.9





#15

Acrylonitrile

Concen: 97.892 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX0137872.D

Acq: 10 Dec 2019 00:20

Instrument :

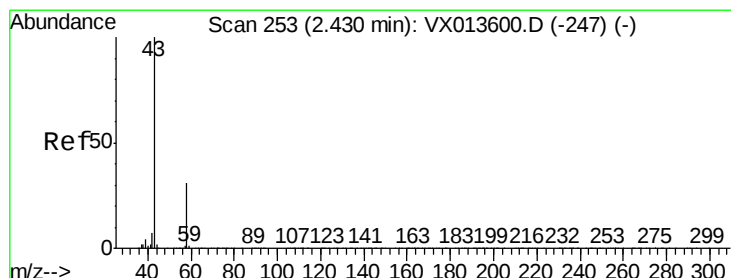
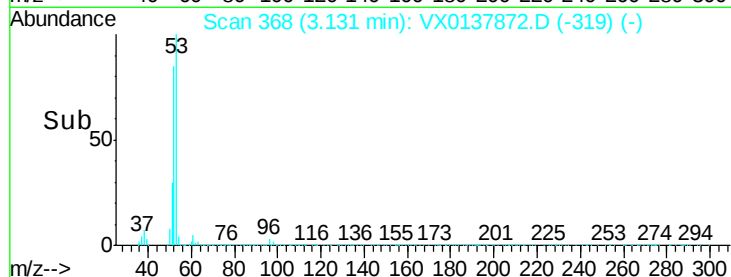
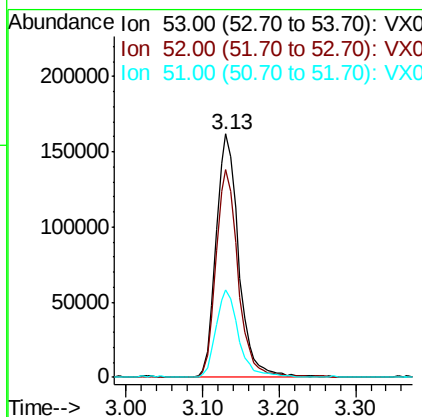
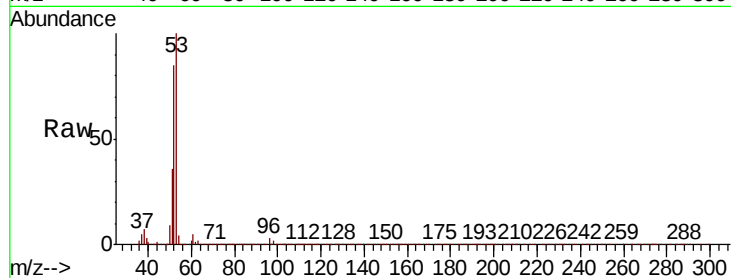
MSVOA_X

ClientSampleId :

Tot Ion:	53	Resp:	330509
Ion Ratio	Lower	Upper	
53	100		
52	83.2	66.2	99.2
51	35.7	29.0	43.6

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#16

Acetone

Concen: 95.801 ug/l

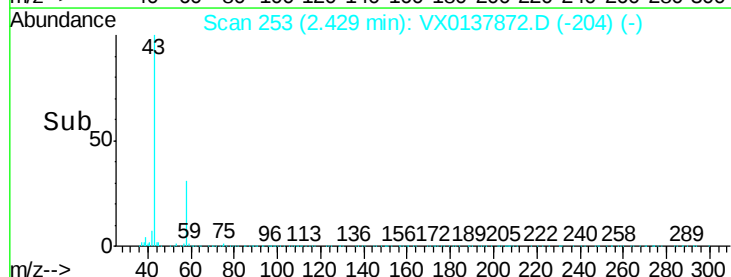
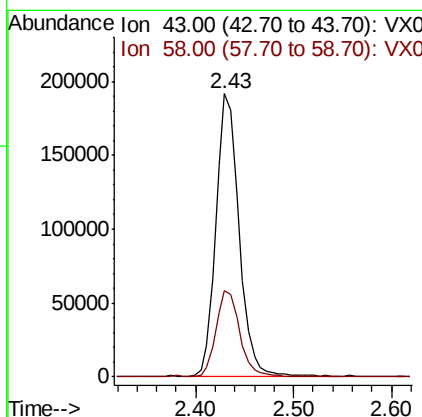
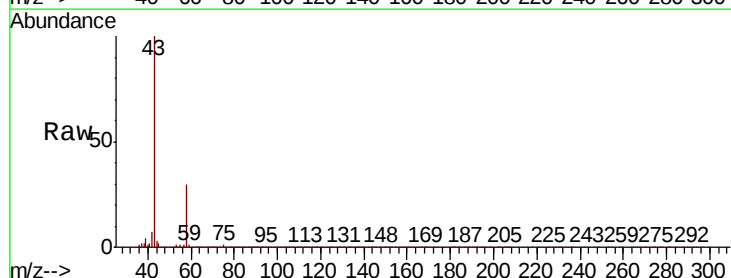
RT: 2.43 min Scan# 253

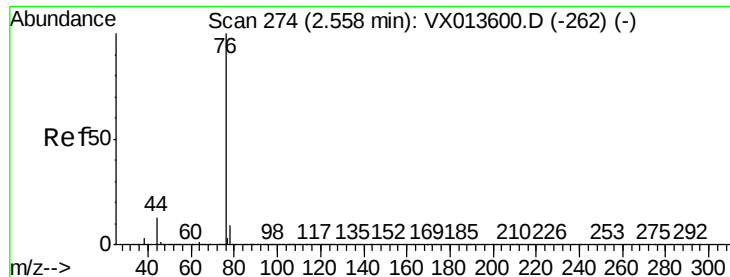
Delta R.T. -0.00 min

Lab File: VX0137872.D

Acq: 10 Dec 2019 00:20

Tgt Ion:	43	Resp:	313425
Ion Ratio	Lower	Upper	
43	100		
58	30.4	24.6	36.8





#17

Carbon Disulfide

Concen: 15.992 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX0137872.D

Acq: 10 Dec 2019 00:20

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 76 Resp: 247682

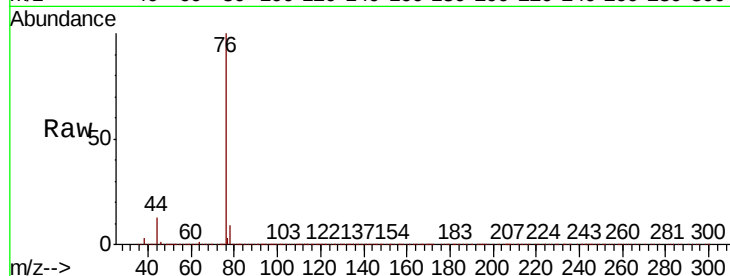
Ion Ratio Lower Upper

76 100

78 9.1 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

2.56

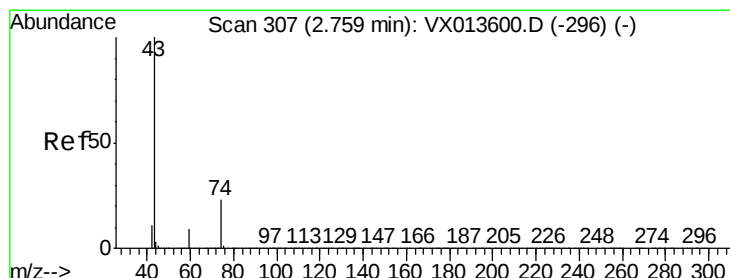
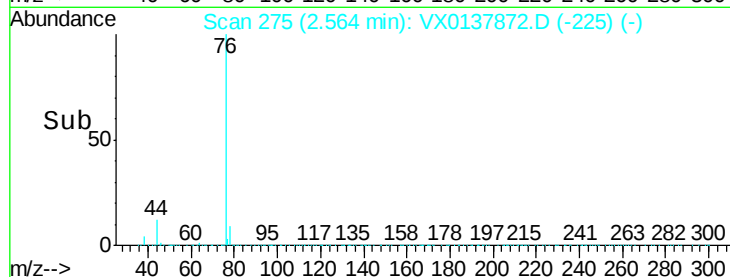
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 20.960 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.01 min

Lab File: VX0137872.D

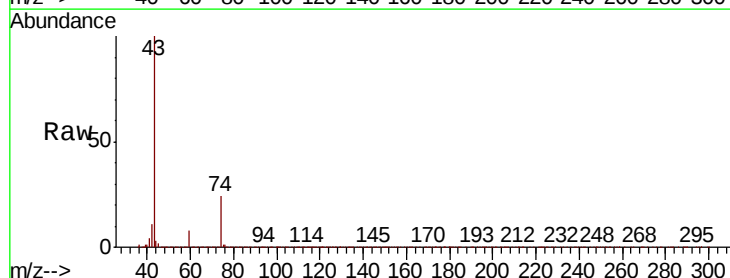
Acq: 10 Dec 2019 00:20

Tgt Ion: 43 Resp: 190950

Ion Ratio Lower Upper

43 100

74 23.9 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

120000

100000

80000

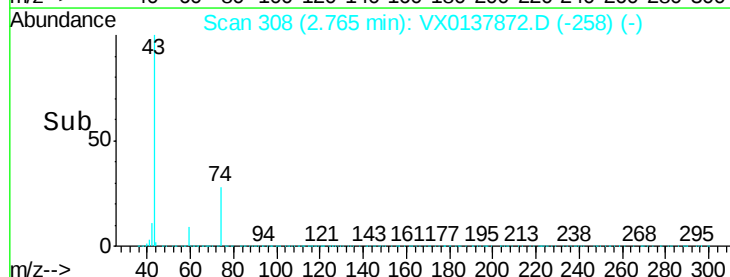
60000

40000

20000

0

Time-->





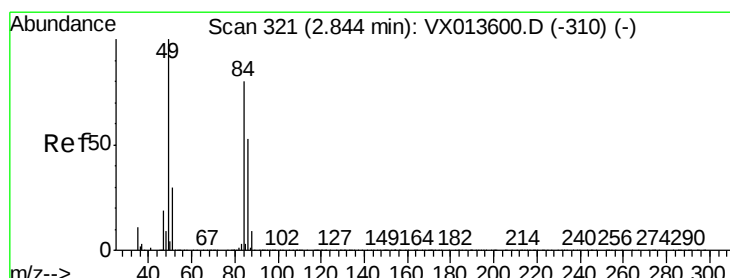
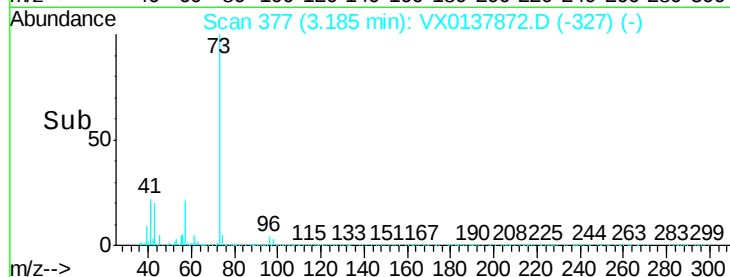
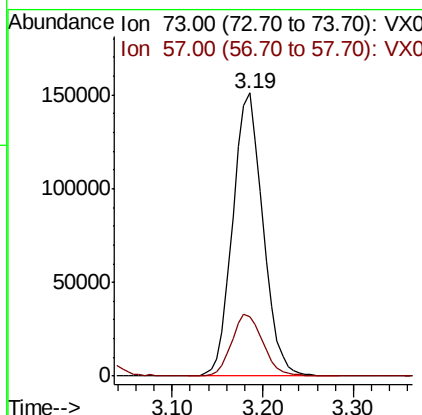
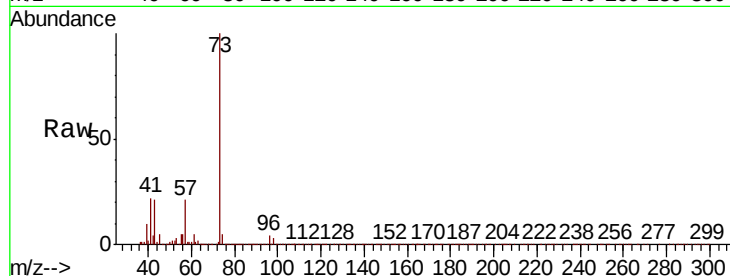
#19
Methvl tert-butvl Ether
Concen: 19.415 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.01 min
Lab File: VX0137872.D
Acq: 10 Dec 2019 00:20

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.9	18.3	27.5

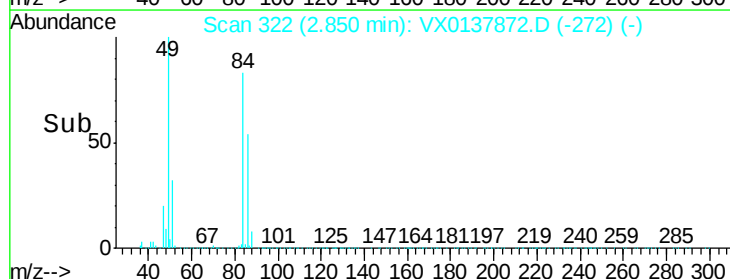
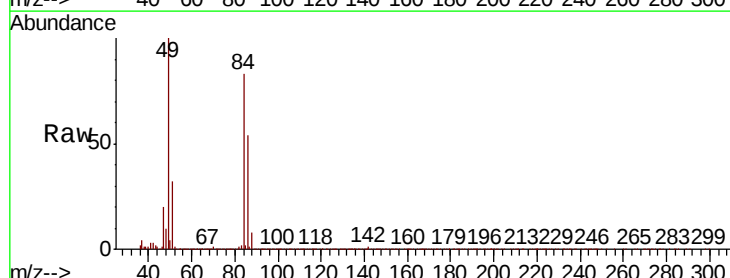
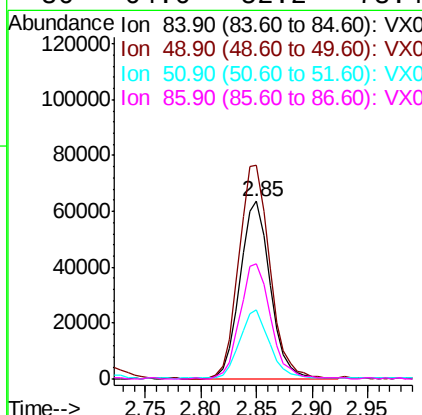
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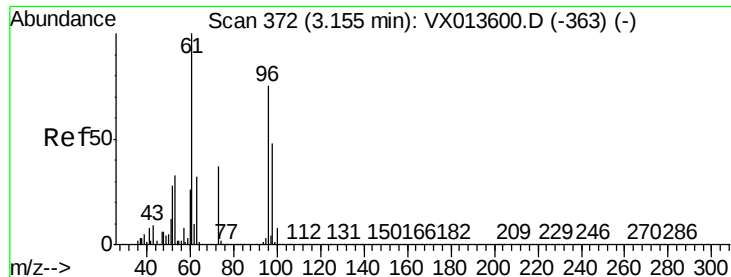
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#20
Methylene Chloride
Concen: 19.119 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX0137872.D
Acq: 10 Dec 2019 00:20

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.4	99.7	149.5
51	38.7	29.9	44.9
86	64.6	52.2	78.4





#21

trans-1,2-Dichloroethene

Concen: 18.156 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX0137872.D

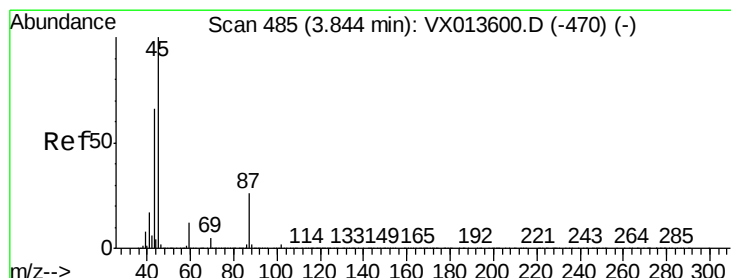
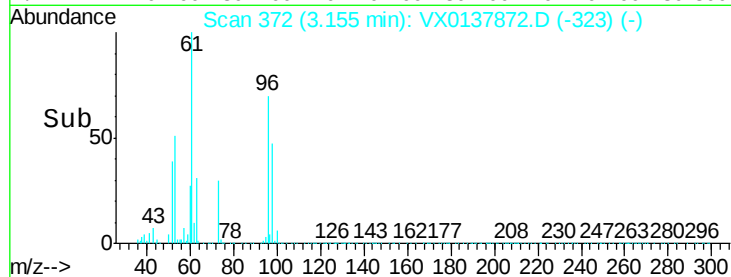
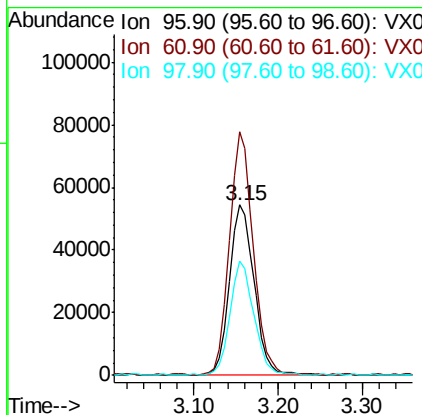
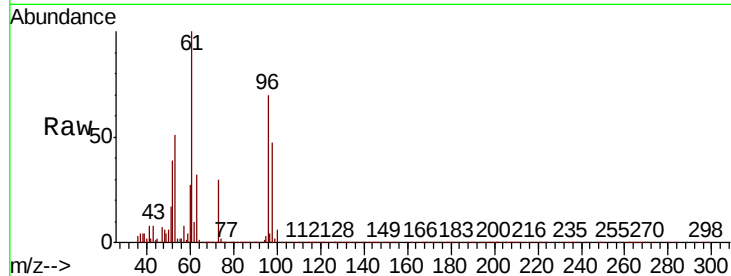
Acq: 10 Dec 2019 00:20

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	96	Resp:	107458
Ion	Ratio	Lower	Upper
96	100		
61	142.9	107.2	160.8
98	66.6	51.4	77.0

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#22

Diisopropyl ether

Concen: 20.126 ug/l

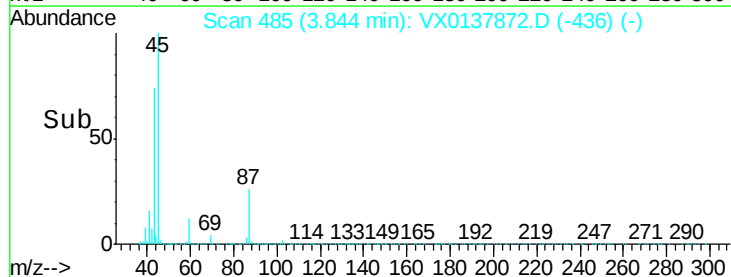
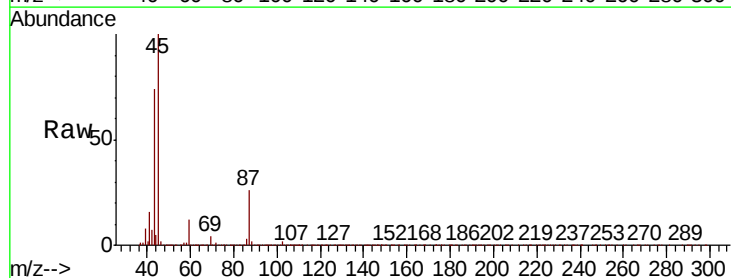
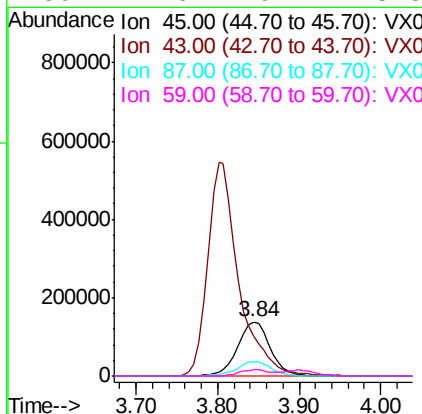
RT: 3.84 min Scan# 485

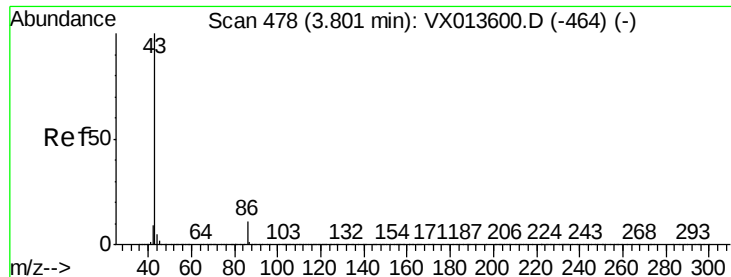
Delta R.T. -0.00 min

Lab File: VX0137872.D

Acq: 10 Dec 2019 00:20

Tgt Ion:	45	Resp:	382081
Ion	Ratio	Lower	Upper
45	100		
43	73.1	52.6	79.0
87	25.9	21.1	31.7
59	11.6	9.2	13.8





#23

Vinyl Acetate

Concen: 91.946 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX0137872.D

Acq: 10 Dec 2019 00:20

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 1452106

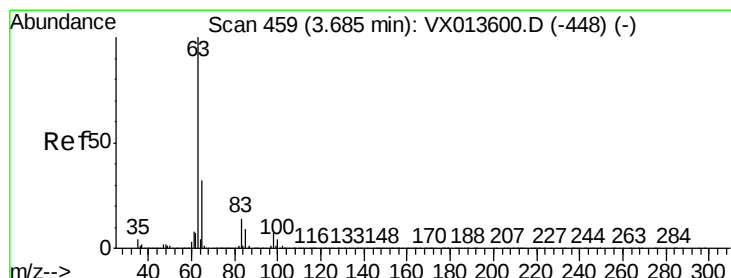
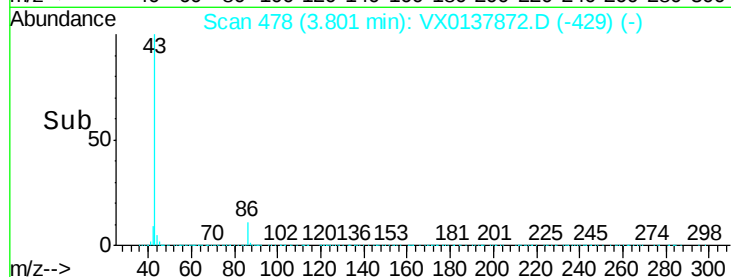
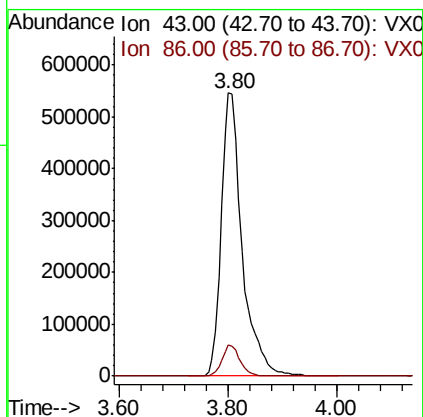
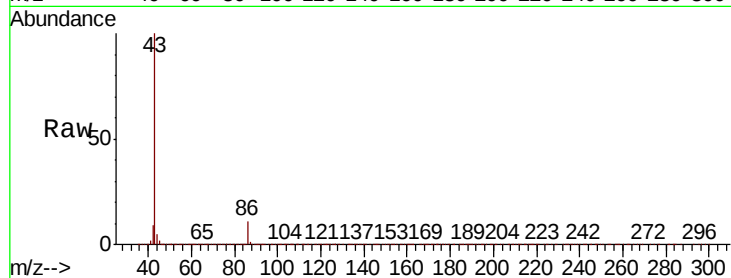
Ion Ratio Lower Upper

43 100

86 10.8 8.7 13.1

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#24

1,1-Dichloroethane

Concen: 19.838 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX0137872.D

Acq: 10 Dec 2019 00:20

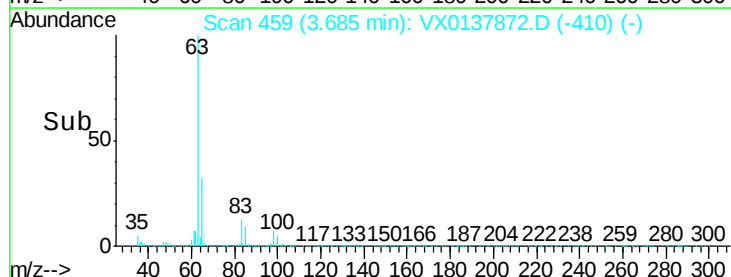
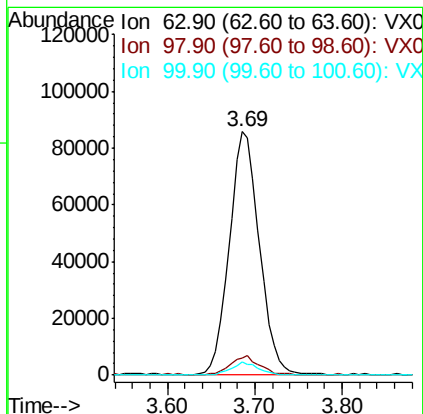
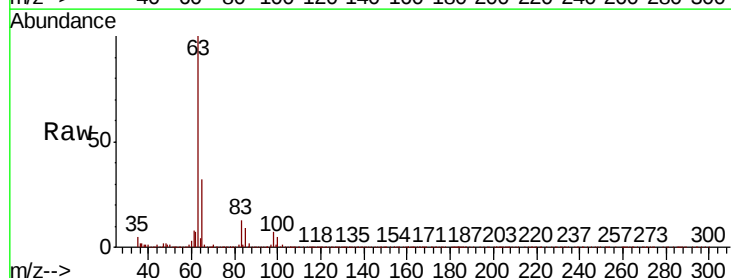
Tgt Ion: 63 Resp: 205877

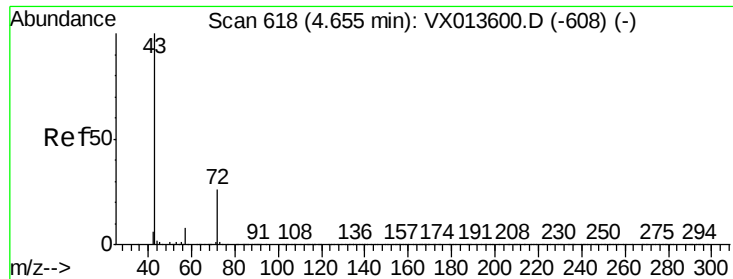
Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.4

100 5.1 2.1 6.3





#25

2-Butanone

Concen: 96.443 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX0137872.D

Acq: 10 Dec 2019 00:20

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 43 Resp: 468932

Ion Ratio Lower Upper

43 100

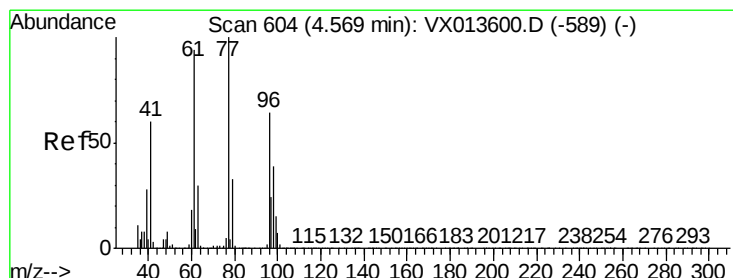
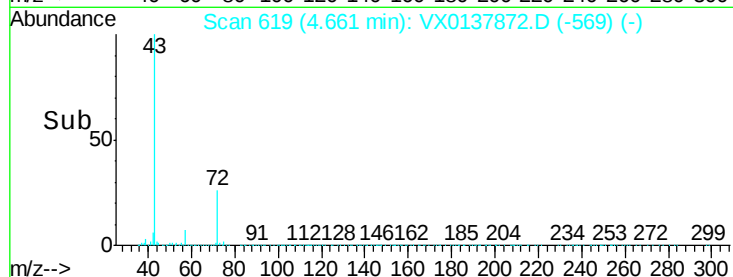
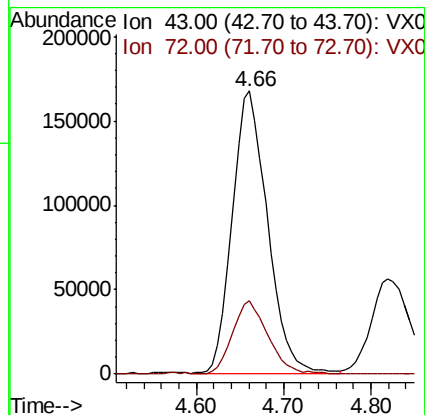
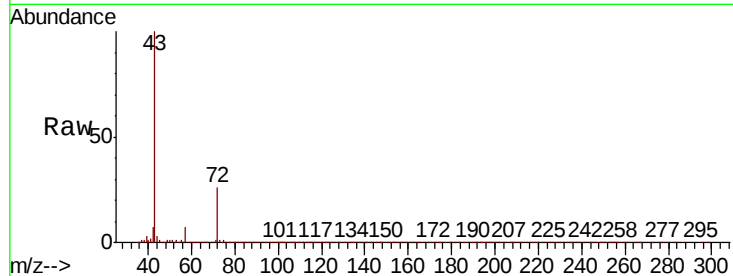
72 25.8 20.6 31.0

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#26

2,2-Dichloropropane

Concen: 15.338 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX0137872.D

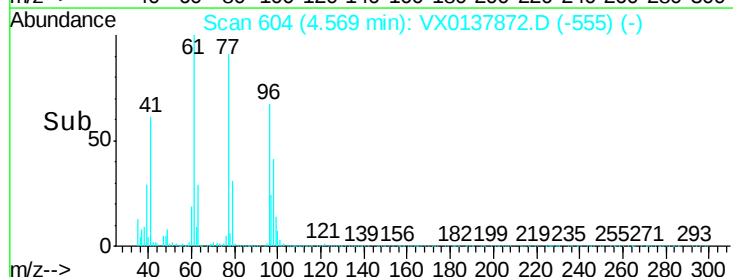
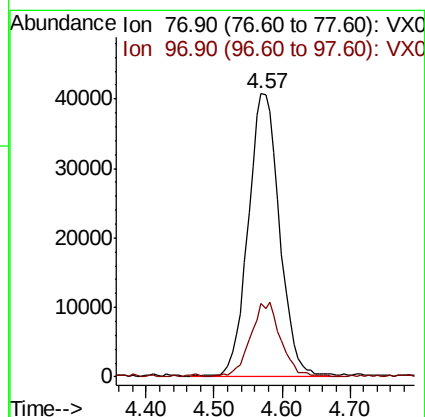
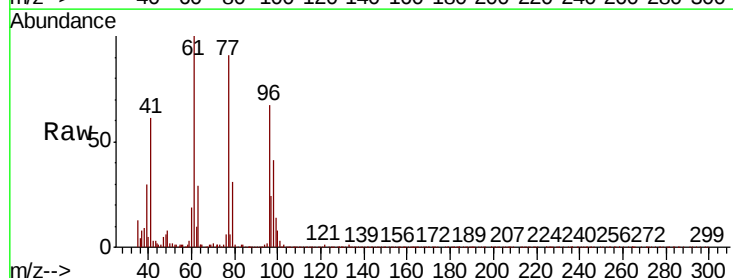
Acq: 10 Dec 2019 00:20

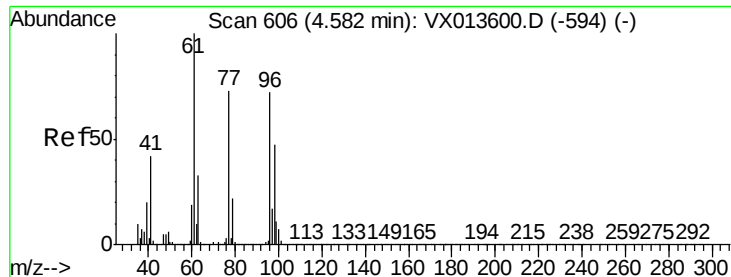
Tgt Ion: 77 Resp: 131698

Ion Ratio Lower Upper

77 100

97 25.2 12.0 36.1





#27

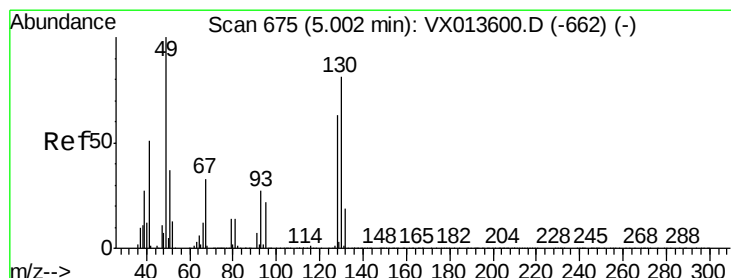
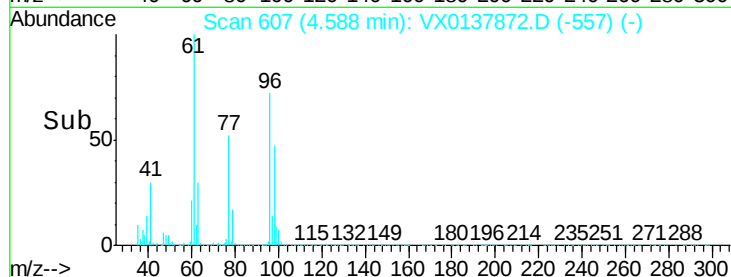
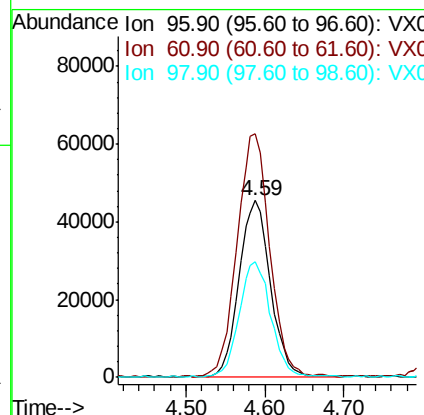
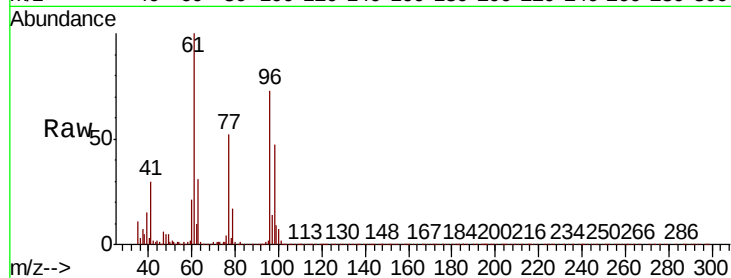
cis-1,2-Dichloroethene
Concen: 18.584 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX0137872.D
Acq: 10 Dec 2019 00:20

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Resp	Lower	Upper
96	100	126313		
61	141.7	0.0	286.4	
98	65.1	0.0	127.4	

Manual Integrations
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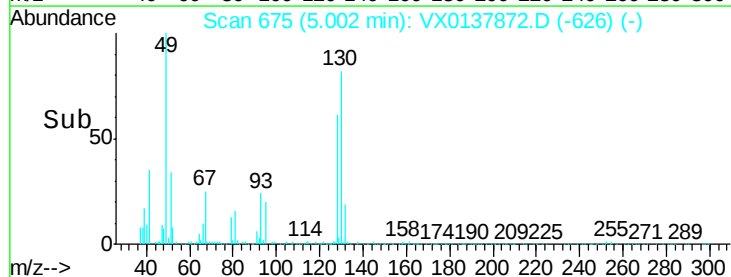
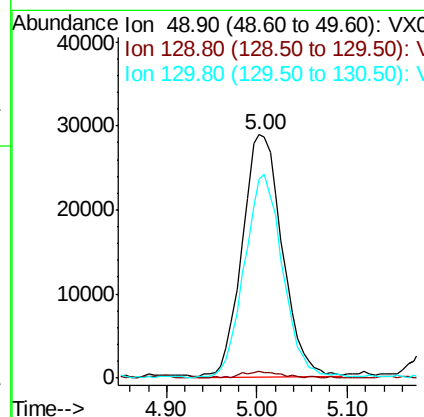
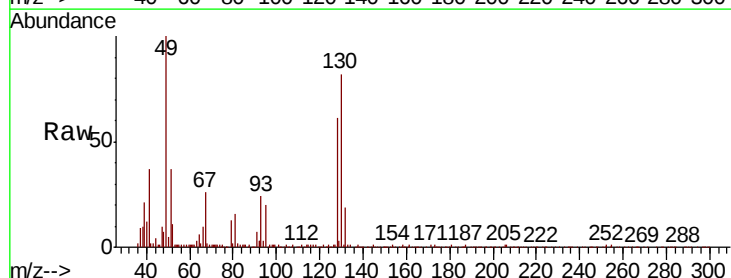
apatel
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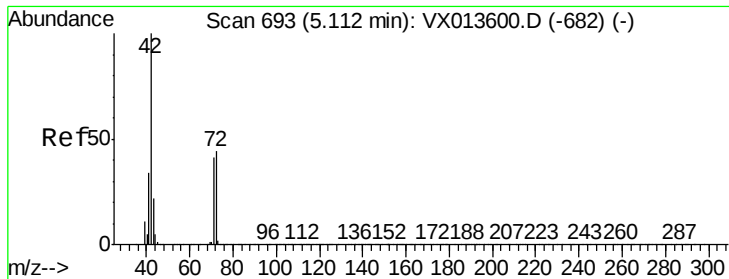


#28

Bromochloromethane
Concen: 21.567 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX0137872.D
Acq: 10 Dec 2019 00:20

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	88481		
129	2.6	0.0	5.0	
130	79.7	65.4	98.0	





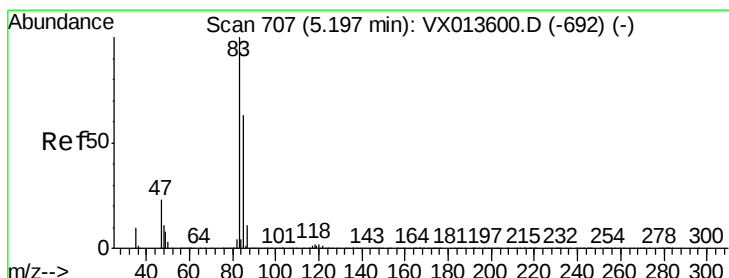
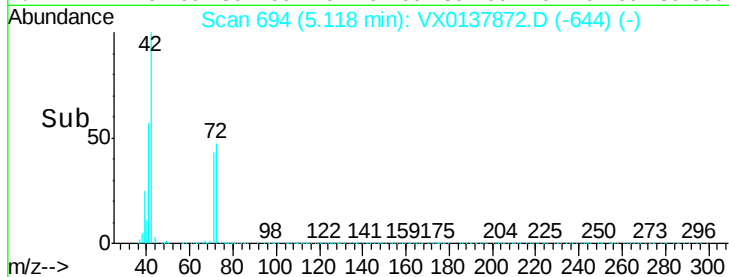
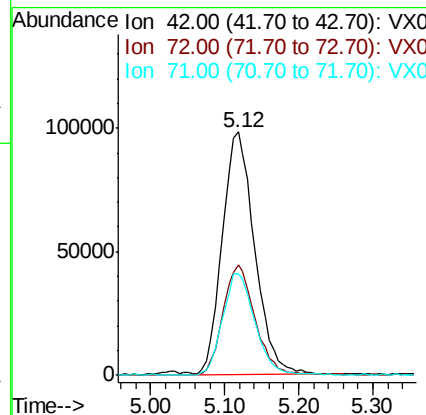
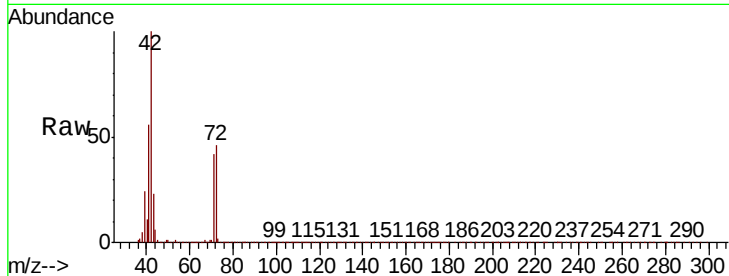
#29
Tetrahydrofuran
Concen: 98.837 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX0137872.D
Acq: 10 Dec 2019 00:20

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Resp Lower	Upper
42	100		
72	45.2	36.3	54.5
71	41.8	33.2	49.8

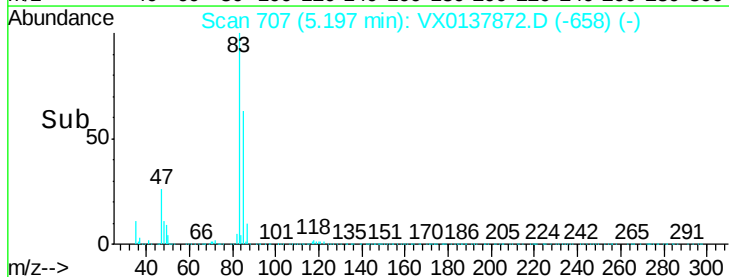
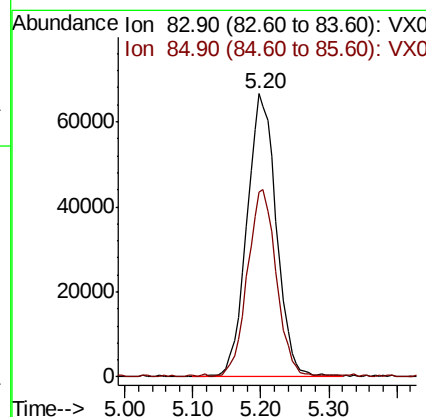
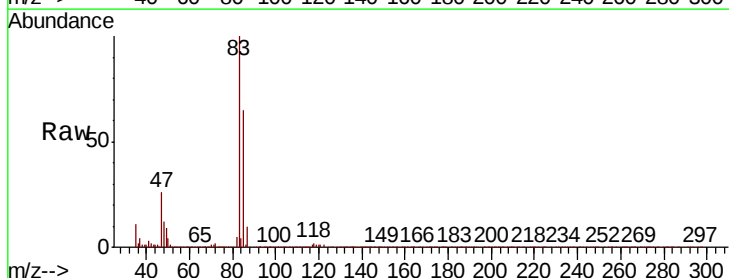
Manual Integrations
APPROVED

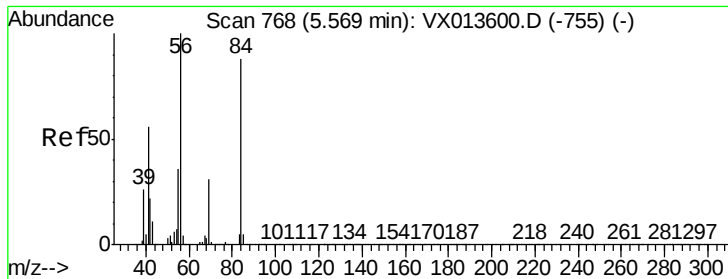
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#30
Chloroform
Concen: 18.966 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX0137872.D
Acq: 10 Dec 2019 00:20

Tgt Ion	Ratio	Resp Lower	Upper
83	100		
85	64.8	50.2	75.4





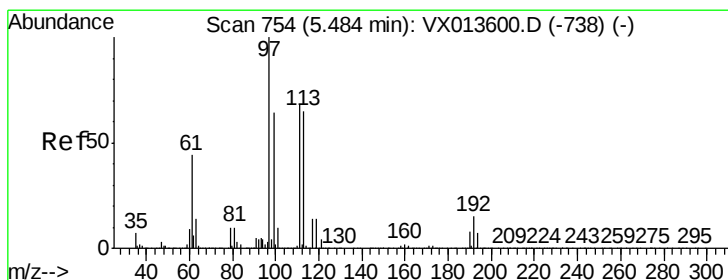
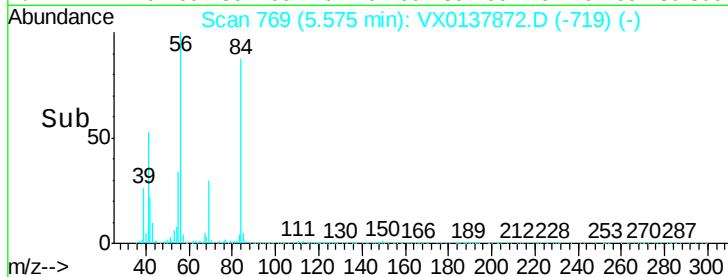
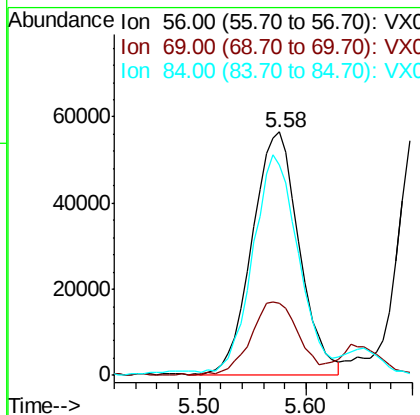
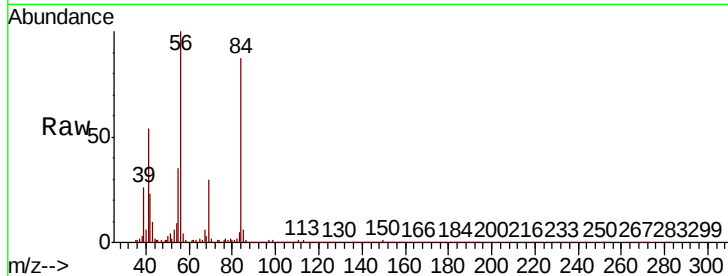
#31
Cyclohexane
Concen: 17.698 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.01 min
Lab File: VX0137872.D
Acq: 10 Dec 2019 00:20

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.7	24.6	36.8
84	85.1	70.0	105.0

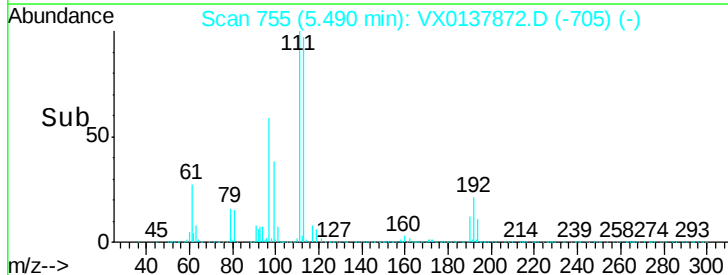
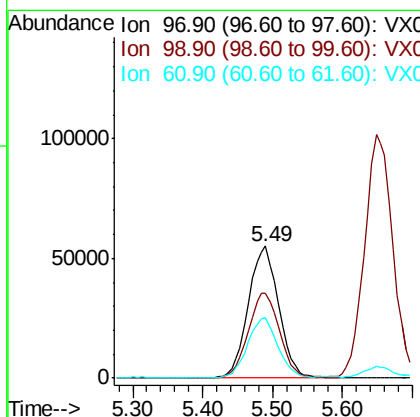
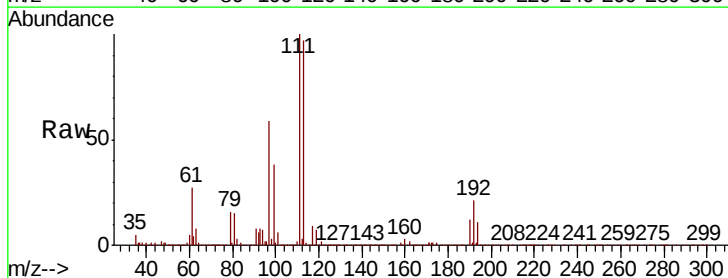
Manual Integrations
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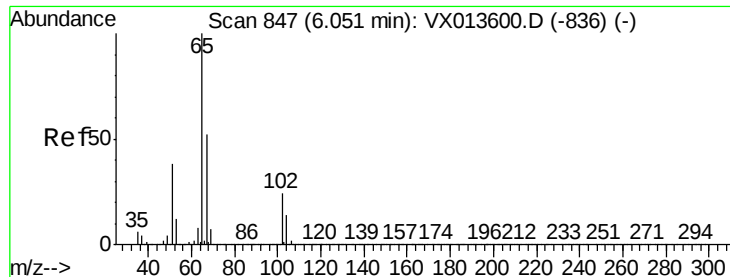
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#32
1,1,1-Trichloroethane
Concen: 18.936 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX0137872.D
Acq: 10 Dec 2019 00:20

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.9	51.6	77.4
61	44.1	36.1	54.1





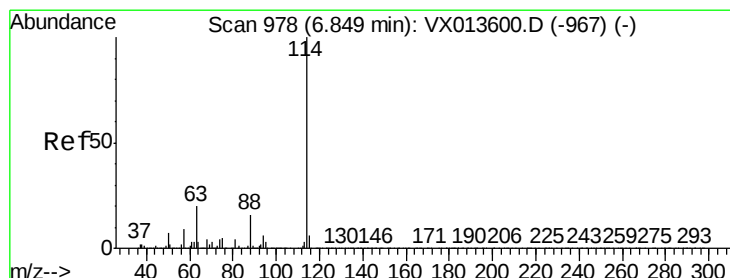
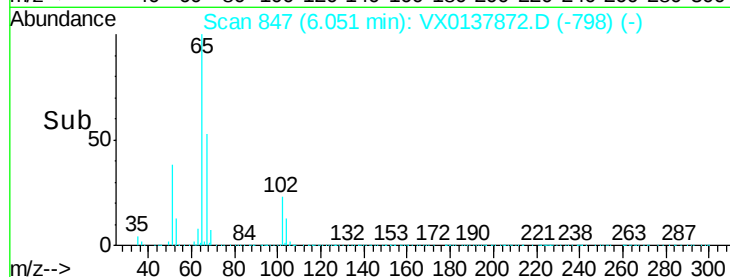
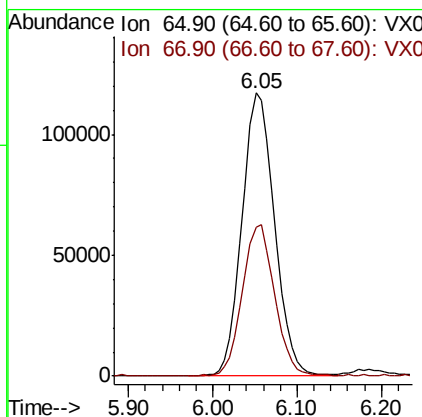
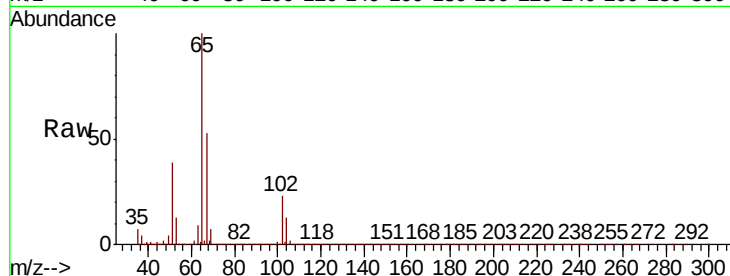
#33
 1,2-Dichloroethane-d4
 Concen: 46.090 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX0137872.D
 Acq: 10 Dec 2019 00:20

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Resp	Lower	Upper
65	100	305416		
67	52.9	0.0	104.4	

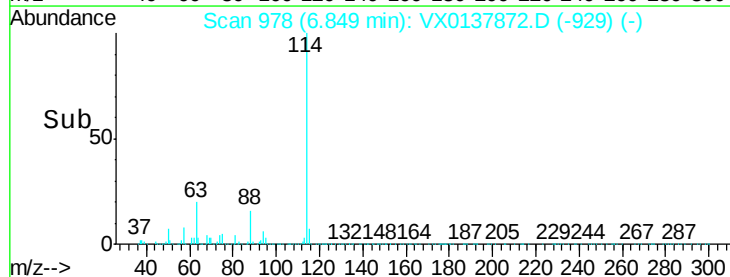
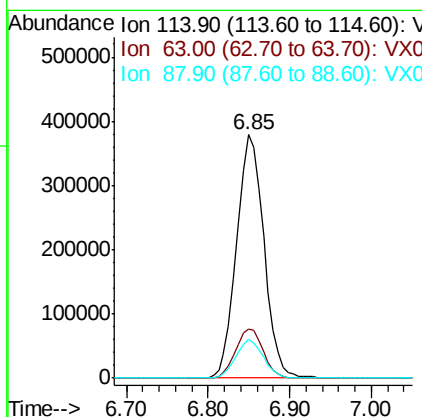
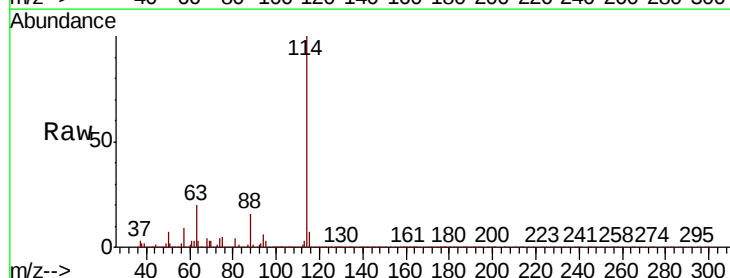
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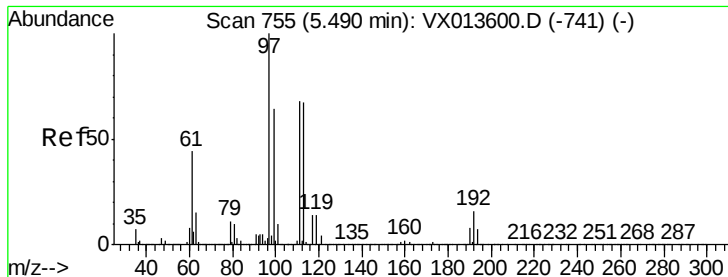
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX0137872.D
 Acq: 10 Dec 2019 00:20

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	878377		
63	19.8	0.0	39.6	
88	15.8	0.0	31.4	





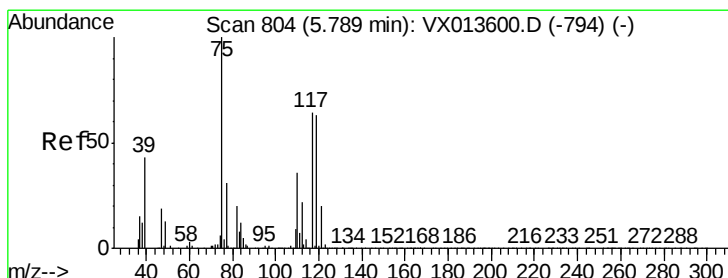
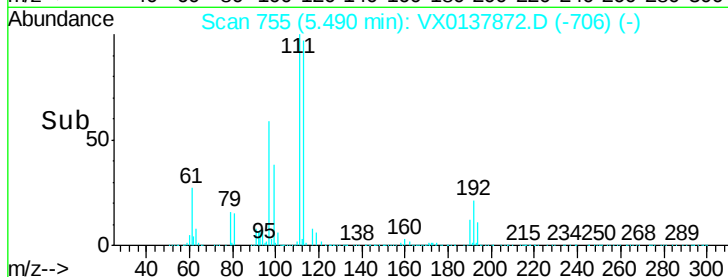
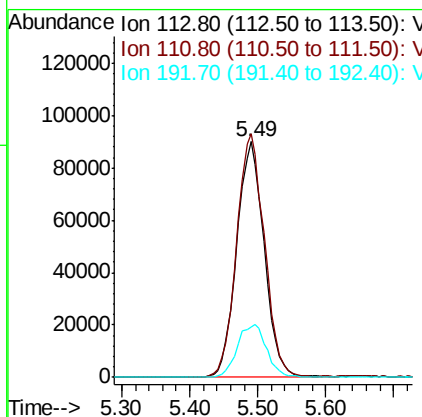
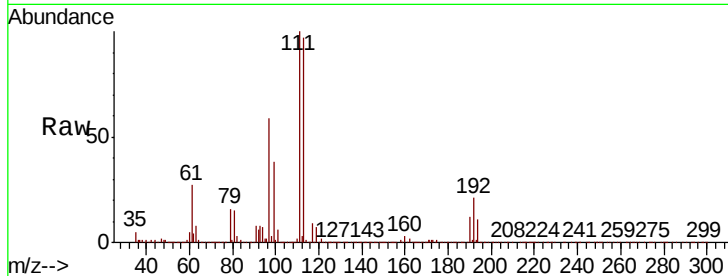
#35
 Dibromofluoromethane
 Concen: 46.554 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. -0.00 min
 Lab File: VX0137872.D
 Acq: 10 Dec 2019 00:20

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Resp	Lower	Upper
113	100	252800		
111	104.2	83.6	125.4	
192	23.5	19.2	28.8	

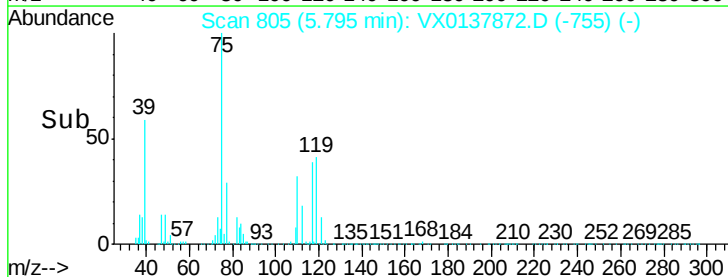
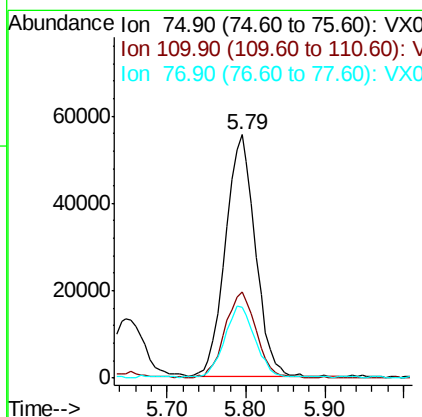
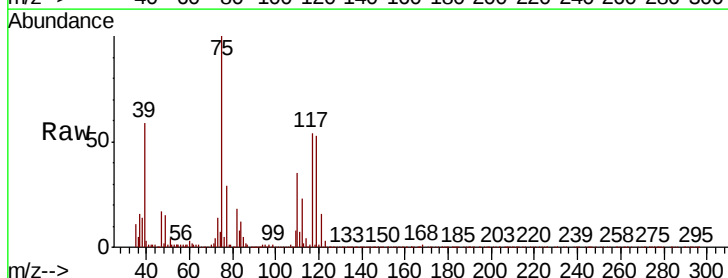
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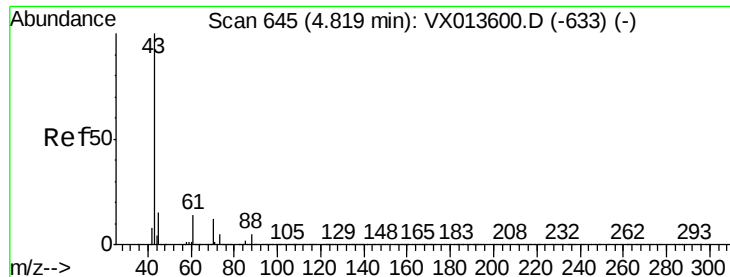
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#36
 1,1-Dichloropropene
 Concen: 18.382 ug/l
 RT: 5.79 min Scan# 805
 Delta R.T. 0.01 min
 Lab File: VX0137872.D
 Acq: 10 Dec 2019 00:20

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	146570		
110	36.5	18.1	54.1	
77	29.2	24.5	36.7	





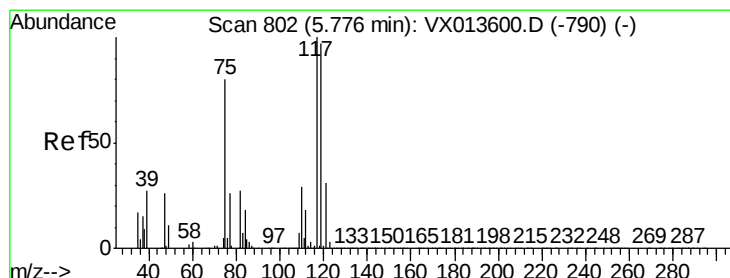
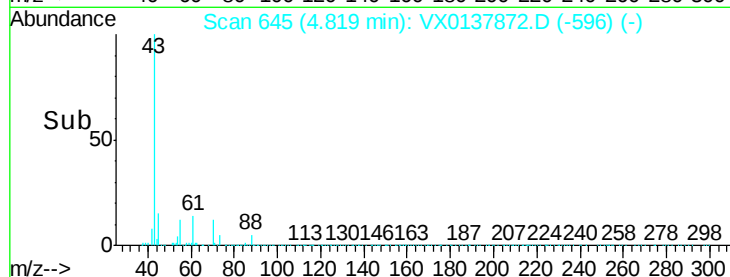
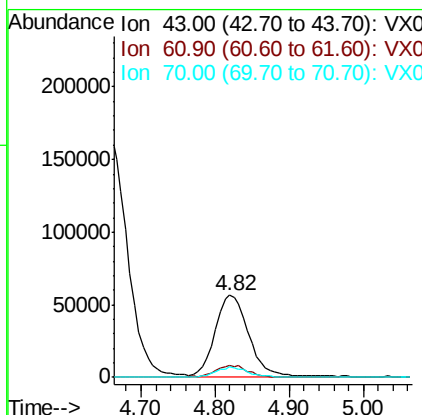
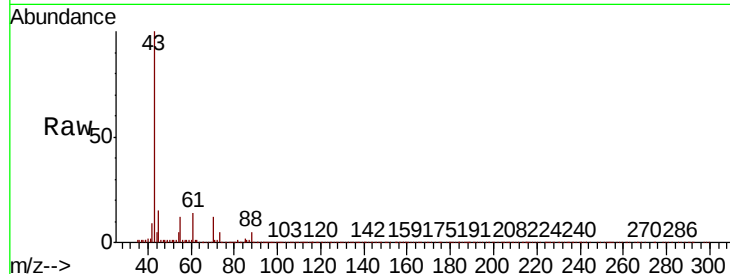
#37
Ethyl Acetate
Concen: 19.405 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX0137872.D
Acq: 10 Dec 2019 00:20

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.0	16.4
70	11.6	8.6	12.8

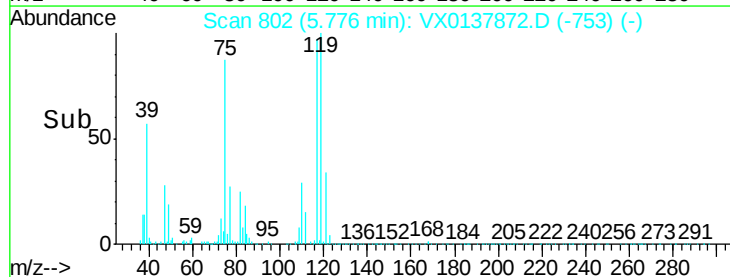
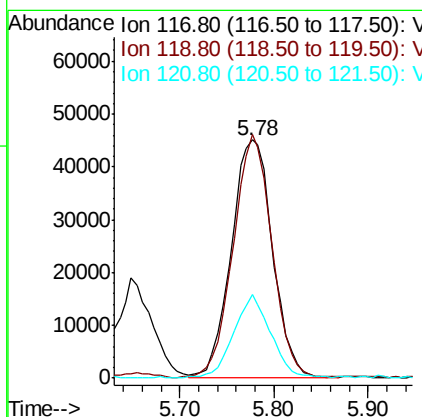
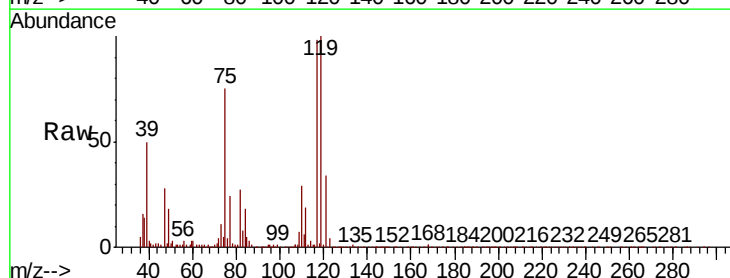
Manual Integrations
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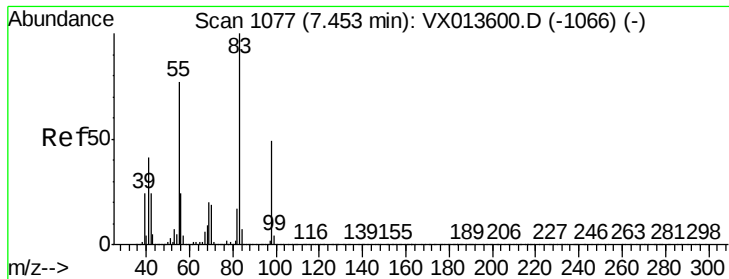
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#38
Carbon Tetrachloride
Concen: 18.664 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX0137872.D
Acq: 10 Dec 2019 00:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	102.1	77.5	116.3
121	34.7	25.0	37.6





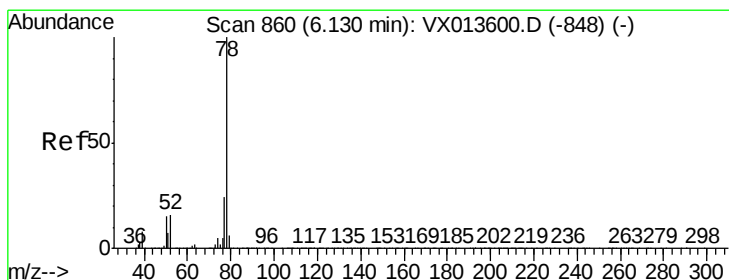
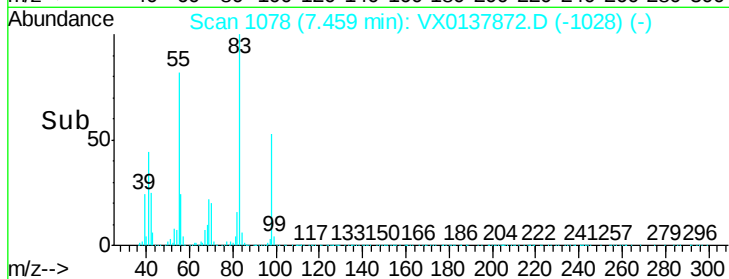
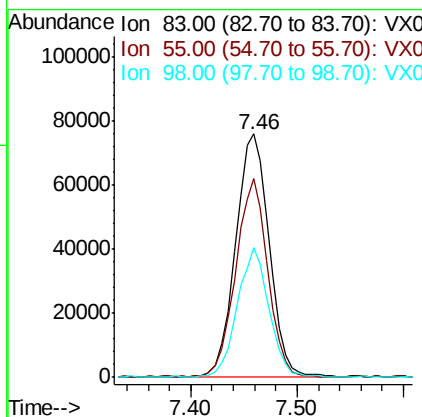
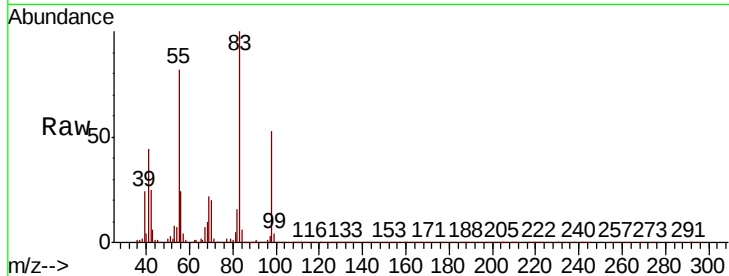
#39
Methvlcvclohexane
Concen: 16.949 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX0137872.D
Acq: 10 Dec 2019 00:20

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
83	100		
55	81.9	61.9	92.9
98	53.1	39.4	59.0

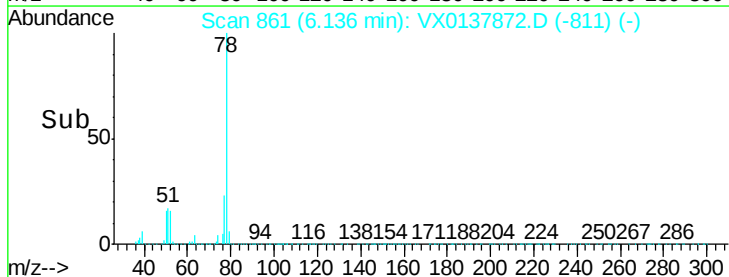
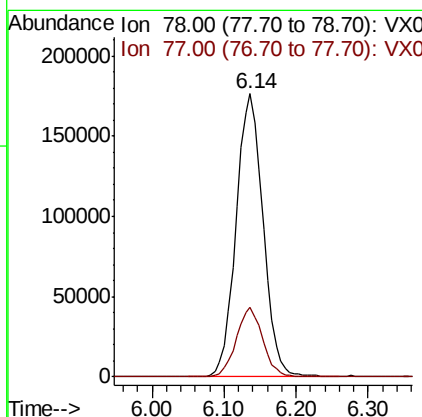
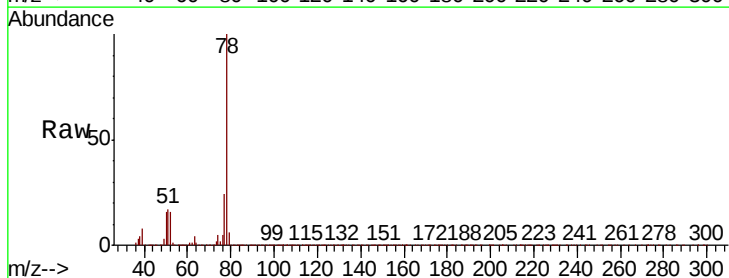
Manual Integrations
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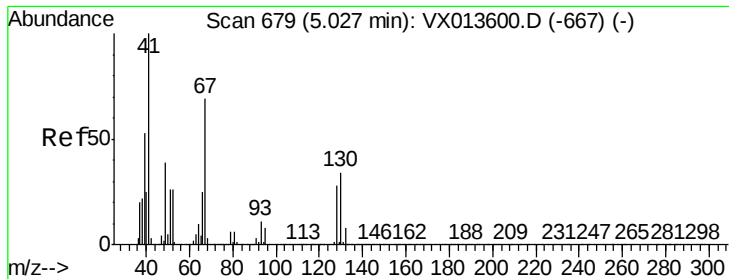
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#40
Benzene
Concen: 18.850 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX0137872.D
Acq: 10 Dec 2019 00:20

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.0	28.4





#41

Methacrylonitrile

Concen: 19.843 ug/l

RT: 5.03 min Scan# 680

Delta R.T. 0.01 min

Lab File: VX0137872.D

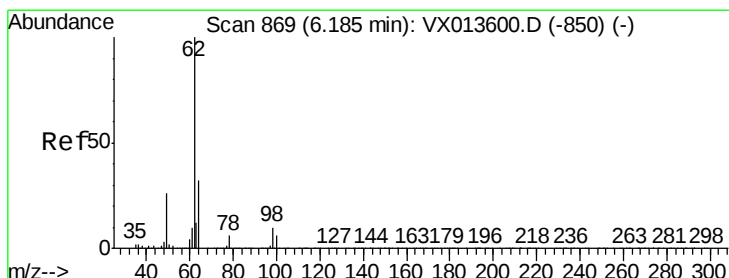
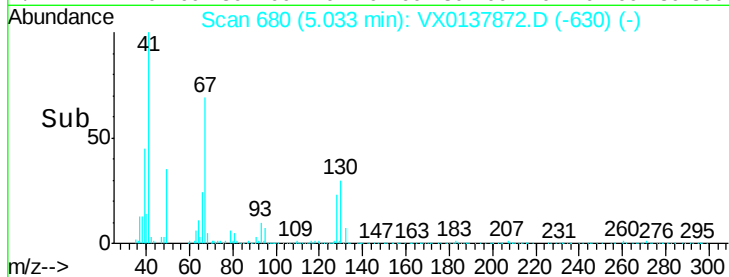
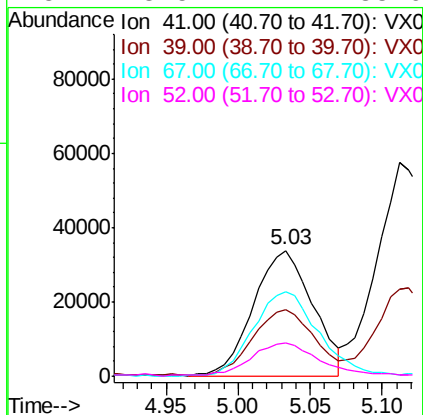
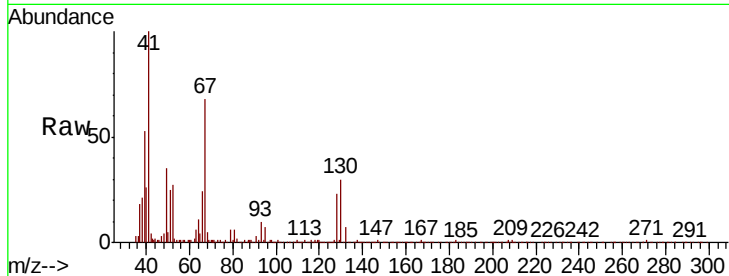
Acq: 10 Dec 2019 00:20

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.9	42.9	64.3	
67	74.0	57.4	86.0	
52	28.5	22.4	33.6	

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 19.544 ug/l

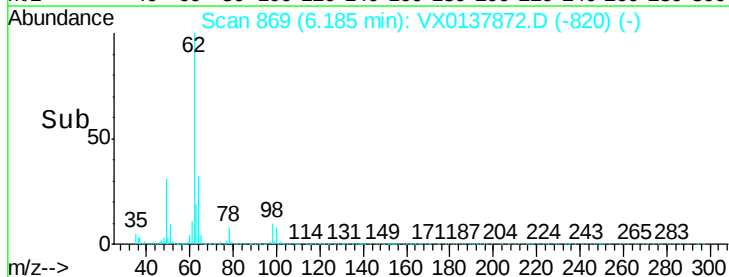
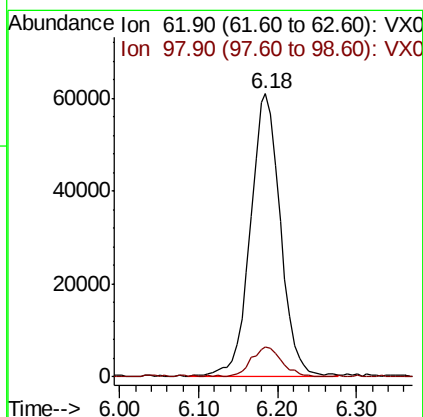
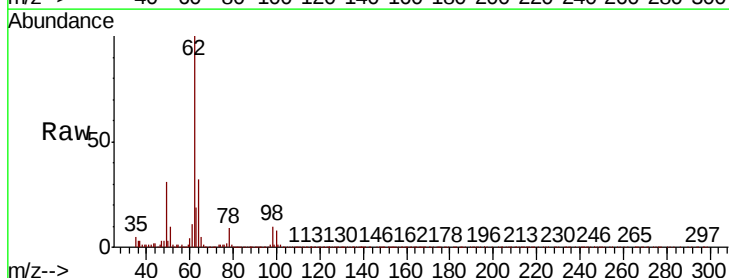
RT: 6.18 min Scan# 869

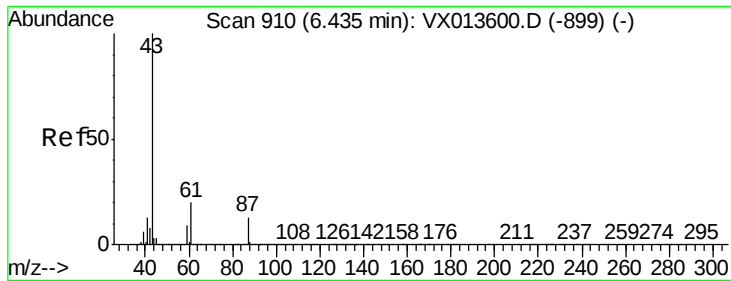
Delta R.T. -0.00 min

Lab File: VX0137872.D

Acq: 10 Dec 2019 00:20

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.1	0.0	20.8	





#43

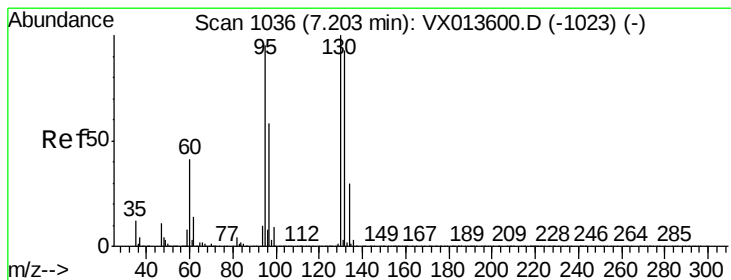
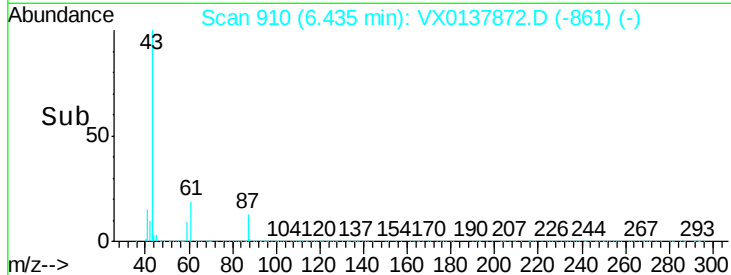
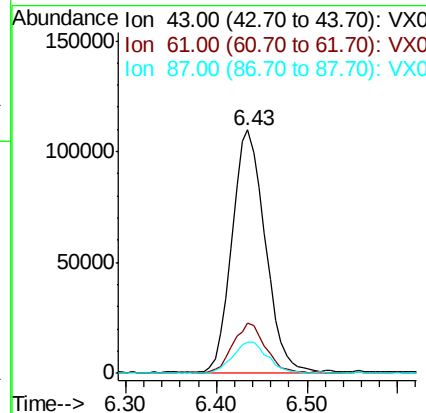
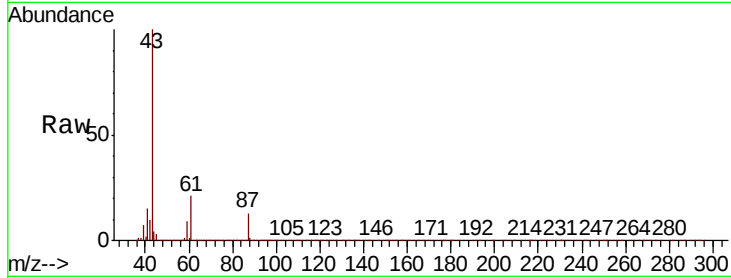
Isopropyl Acetate
 Concen: 18.940 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: VX0137872.D
 Acq: 10 Dec 2019 00:20

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.0	16.3	24.5
87	13.6	10.8	16.2

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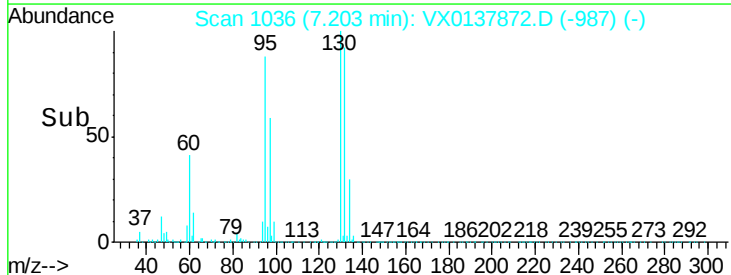
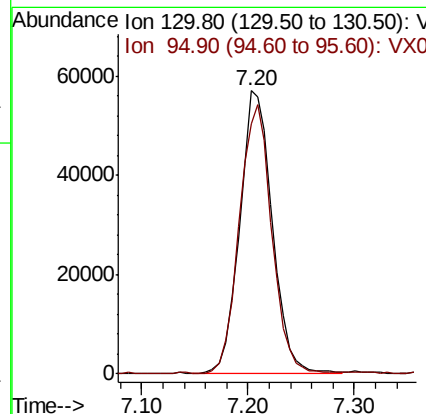
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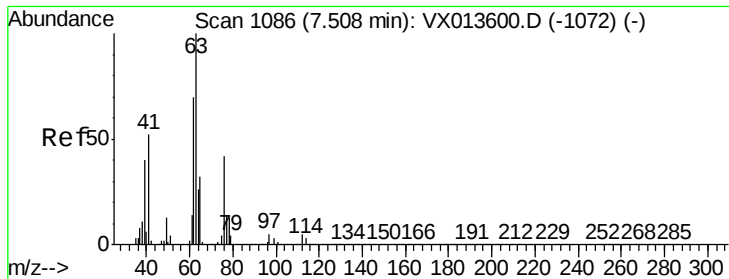


#44

Trichloroethene
 Concen: 18.443 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: VX0137872.D
 Acq: 10 Dec 2019 00:20

Tgt Ion	Ratio	Lower	Upper
130	100		
95	88.7	0.0	190.8





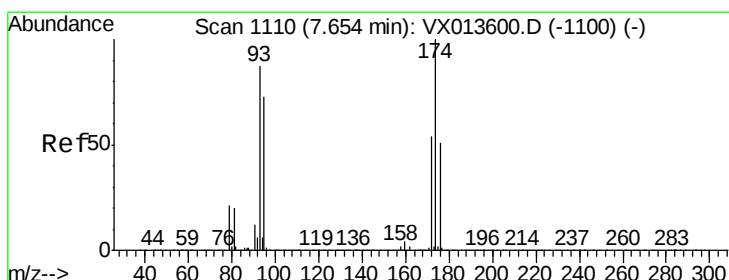
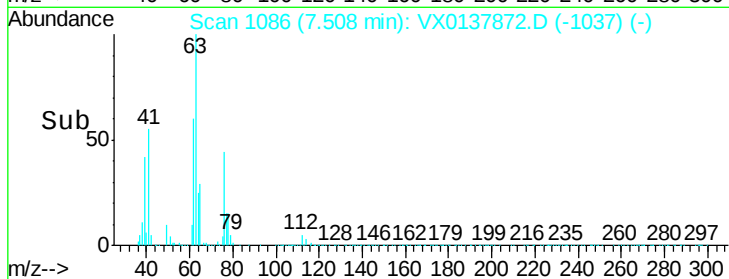
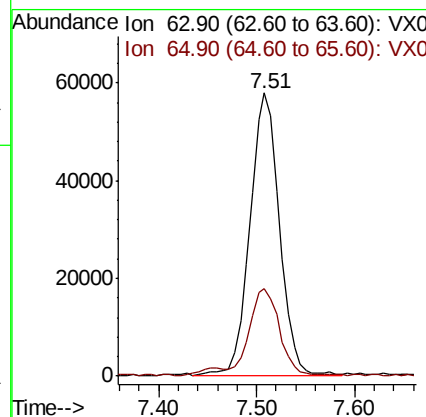
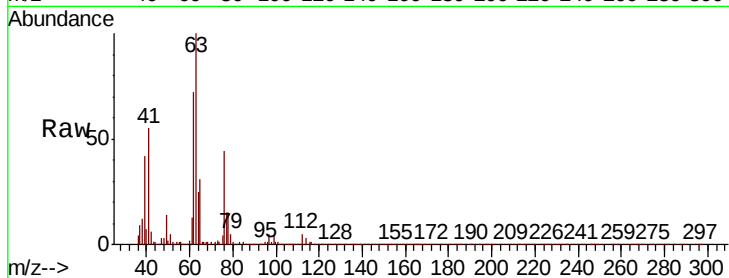
#45
 1,2-Dichloropropane
 Concen: 19.739 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX0137872.D
 Acq: 10 Dec 2019 00:20

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.6	25.5	38.3

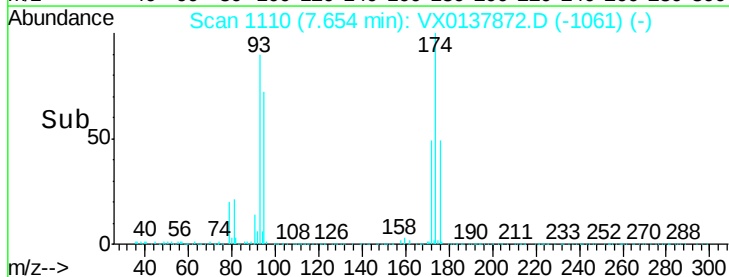
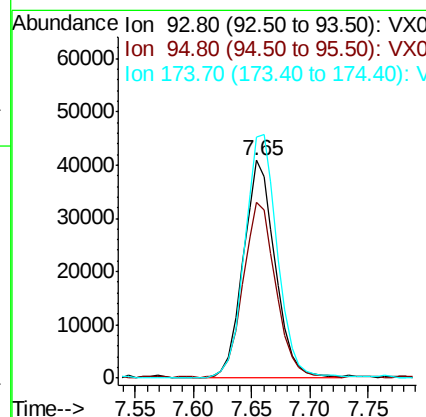
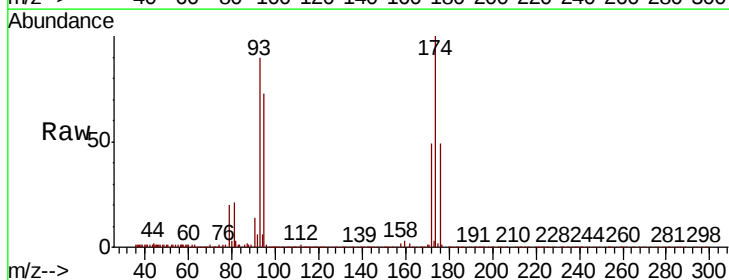
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#46
 Dibromomethane
 Concen: 18.903 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX0137872.D
 Acq: 10 Dec 2019 00:20

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.3	66.2	99.2
174	115.3	93.4	140.0





#47

Bromodichloromethane

Concen: 18.755 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX0137872.D

Acq: 10 Dec 2019 00:20

Instrument :

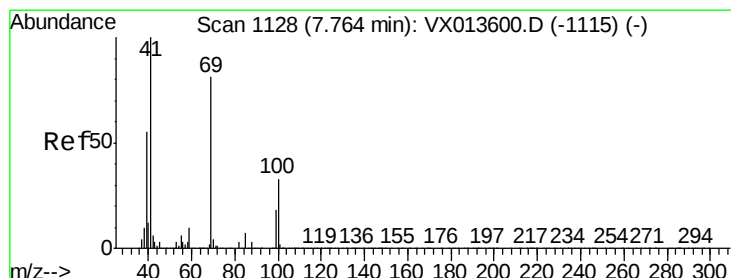
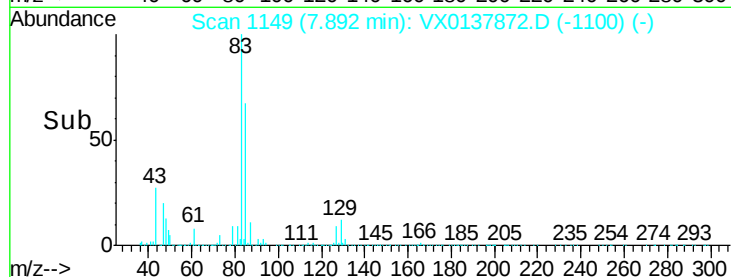
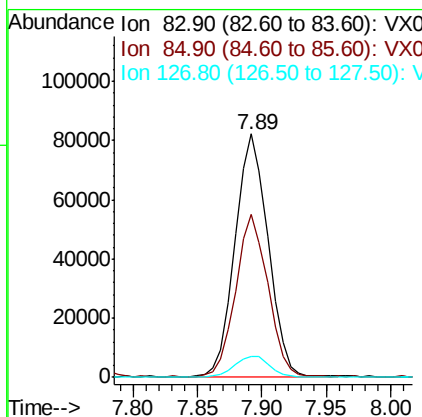
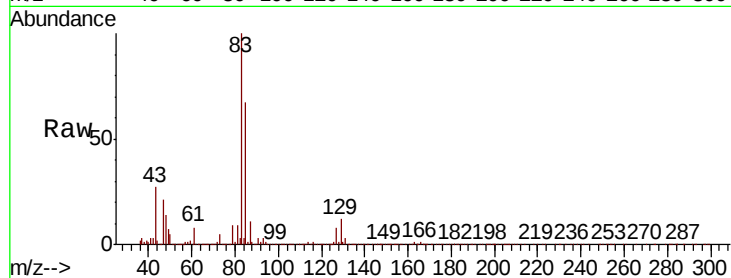
MSVOA_X

ClientSampled :

Tot Ion:	83	Resp:	146311
Ion Ratio	Lower	Upper	
83	100		
85	67.2	52.1	78.1
127	8.4	7.0	10.4

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#48

Methyl methacrylate

Concen: 19.112 ug/l

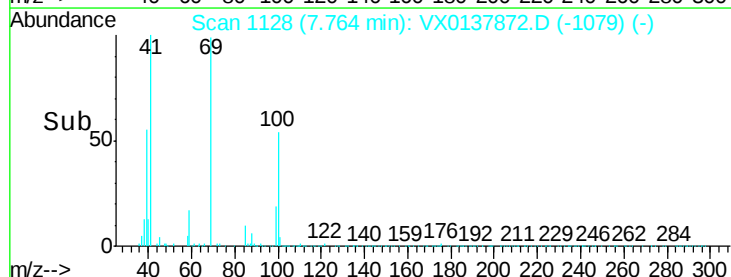
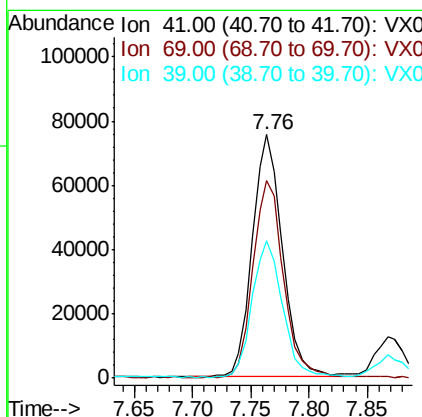
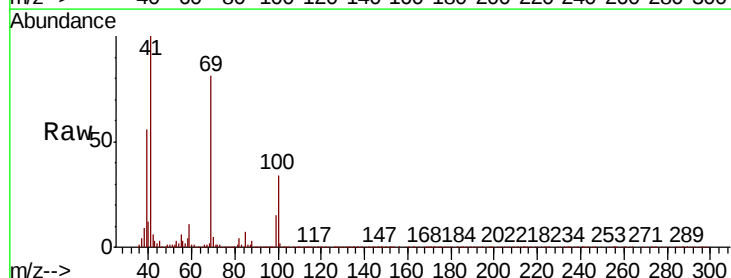
RT: 7.76 min Scan# 1128

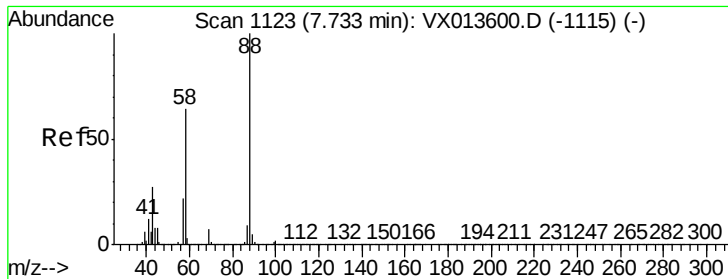
Delta R.T. -0.00 min

Lab File: VX0137872.D

Acq: 10 Dec 2019 00:20

Tgt Ion:	41	Resp:	136750
Ion Ratio	Lower	Upper	
41	100		
69	83.0	64.7	97.1
39	58.6	43.8	65.6





#49

1,4-Dioxane

Concen: 352.485 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VX0137872.D

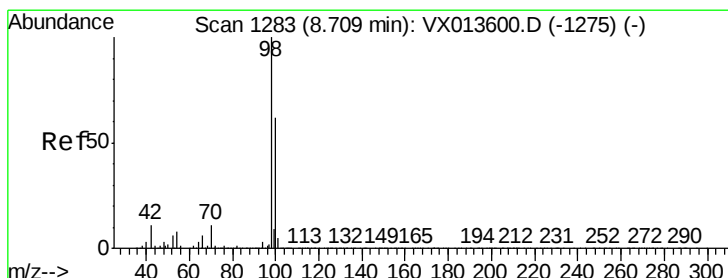
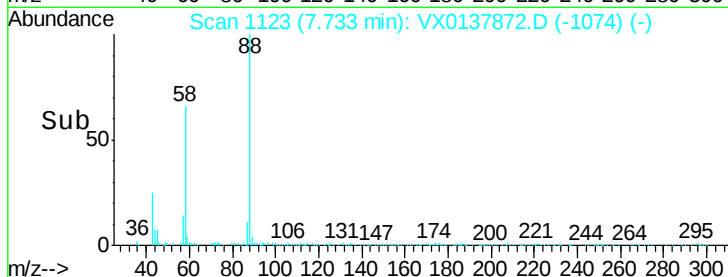
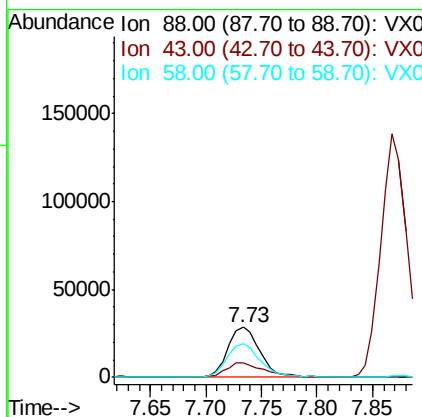
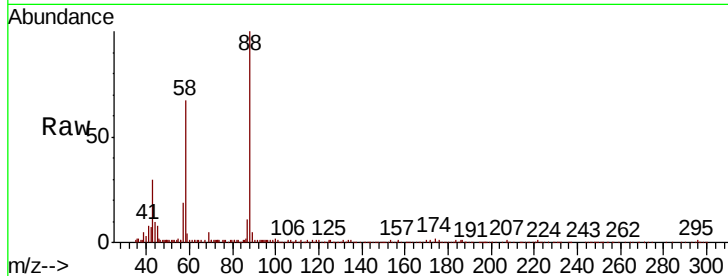
Acq: 10 Dec 2019 00:20

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	88	Resp:	56454
Ion	Ratio	Lower	Upper
88	100		
43	36.9	25.8	38.6
58	70.6	54.6	82.0

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#50

Toluene-d8

Concen: 45.502 ug/l

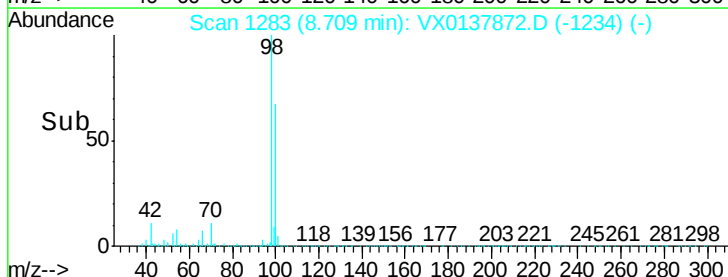
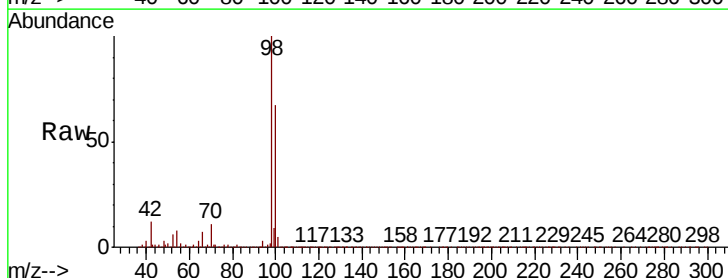
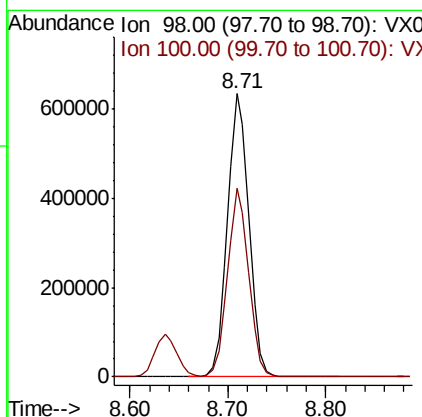
RT: 8.71 min Scan# 1283

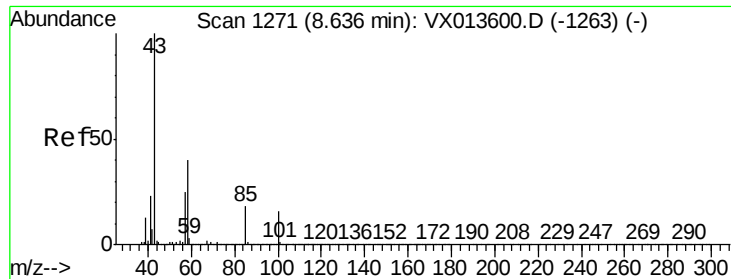
Delta R.T. -0.00 min

Lab File: VX0137872.D

Acq: 10 Dec 2019 00:20

Tgt Ion:	98	Resp:	962671
Ion	Ratio	Lower	Upper
98	100		
100	65.4	53.1	79.7





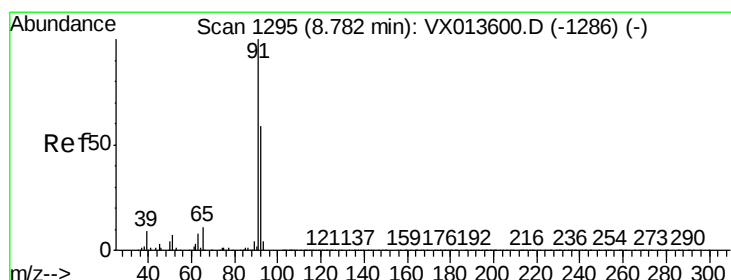
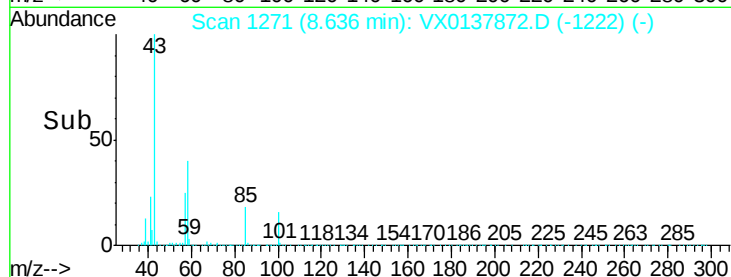
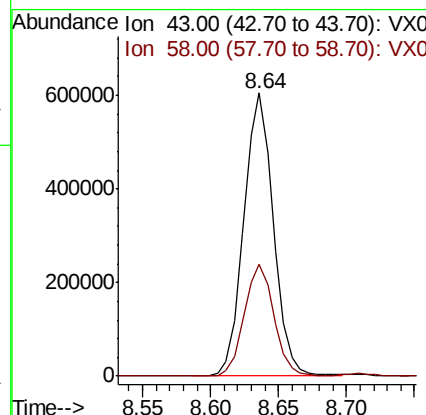
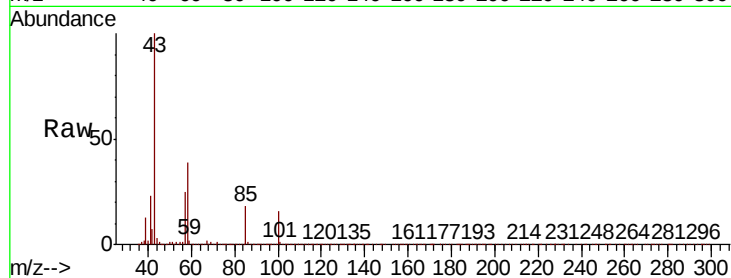
#51
4-Methyl-2-Pentanone
Concen: 98.883 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX0137872.D
Acq: 10 Dec 2019 00:20

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.7	32.1	48.1

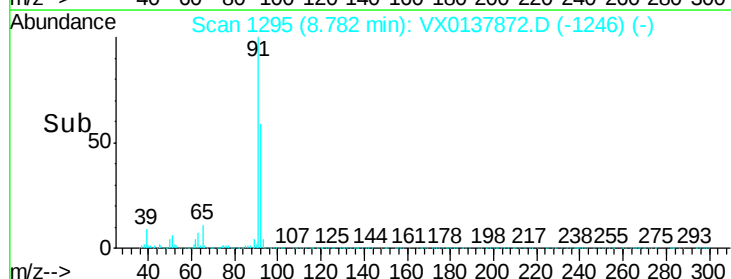
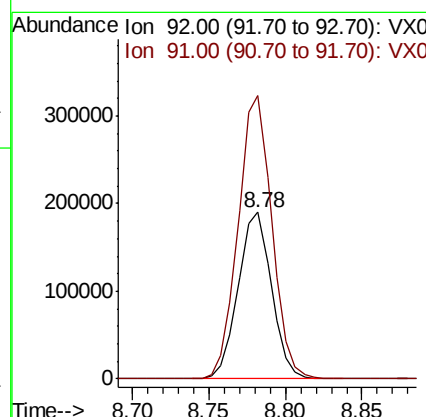
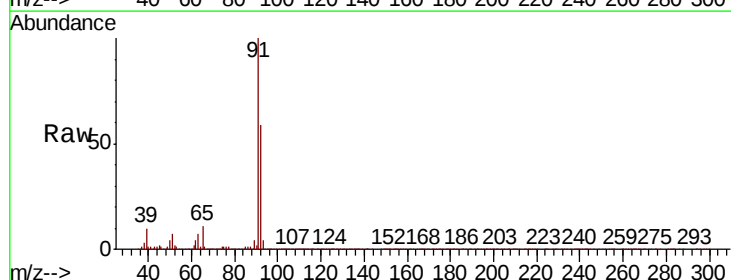
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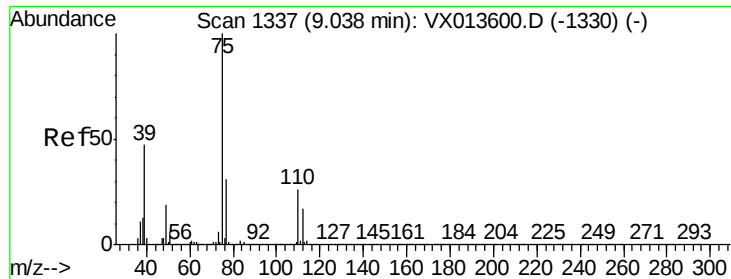
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#52
Toluene
Concen: 19.123 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. -0.00 min
Lab File: VX0137872.D
Acq: 10 Dec 2019 00:20

Tgt Ion	Ratio	Lower	Upper
92	100		
91	171.6	136.2	204.2





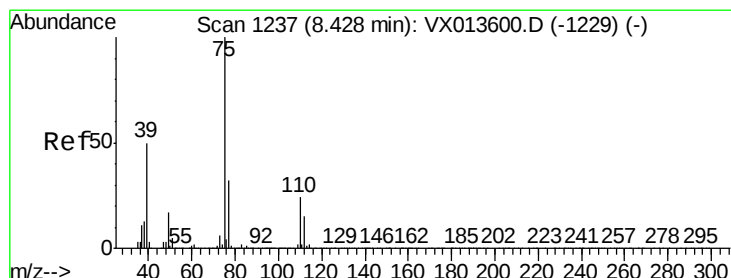
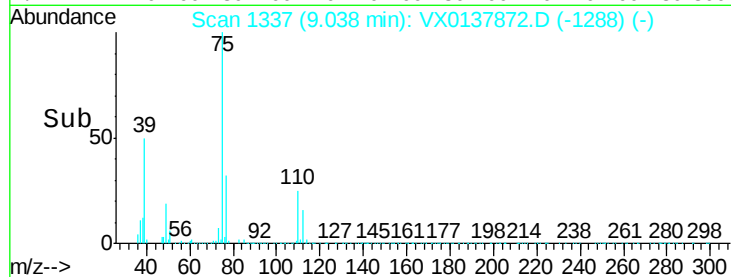
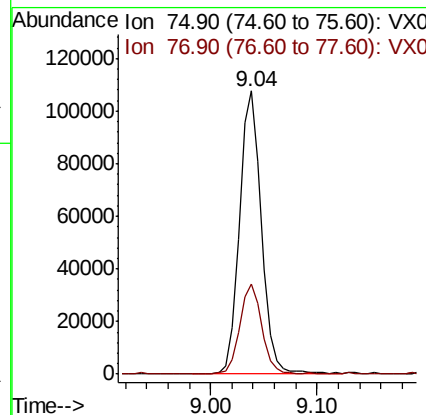
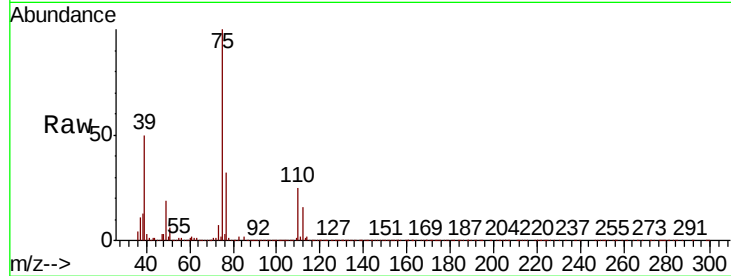
#53
t-1,3-Dichloropropene
Concen: 17.468 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX0137872.D
Acq: 10 Dec 2019 00:20

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.8	24.4	36.6

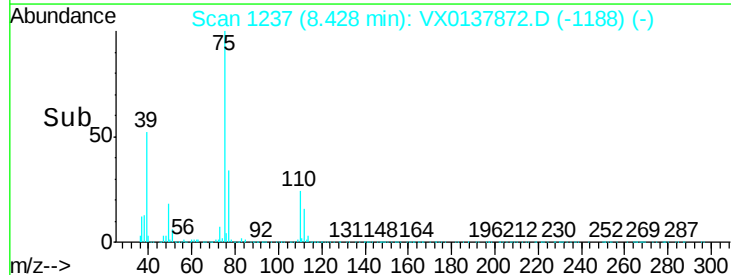
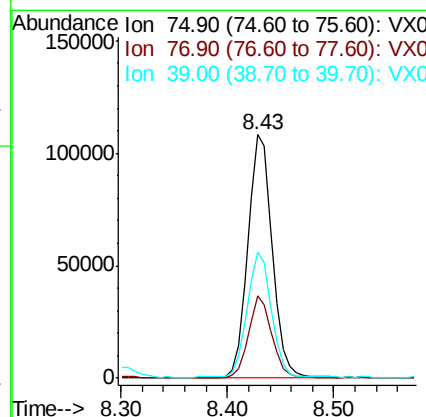
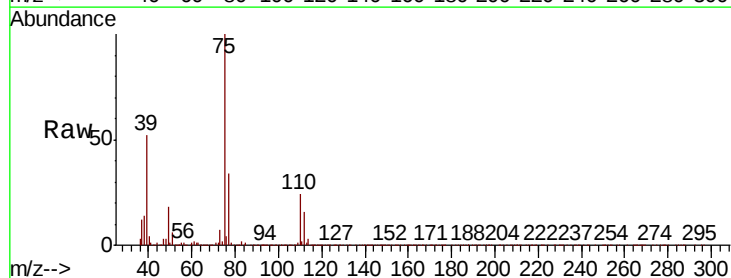
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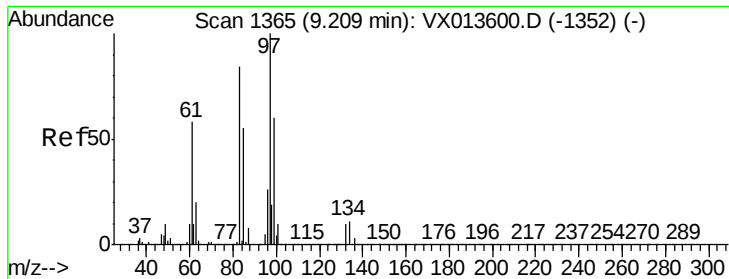
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#54
cis-1,3-Dichloropropene
Concen: 17.899 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX0137872.D
Acq: 10 Dec 2019 00:20

Tgt Ion	Ratio	Lower	Upper
75	100		
77	33.6	25.8	38.6
39	51.5	39.9	59.9





#55

1,1,2-Trichloroethane

Concen: 19.928 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX0137872.D

Acq: 10 Dec 2019 00:20

Instrument :

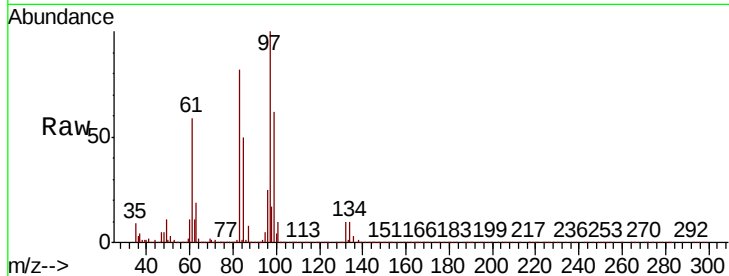
MSVOA_X

ClientSampled :

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		121155		
83	82.2	67.3	100.9		
85	49.8	43.6	65.4		
99	62.3	48.2	72.4		

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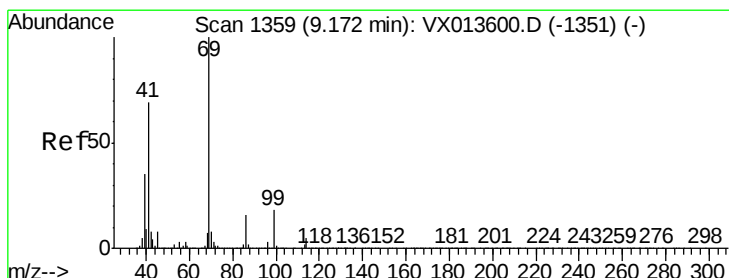
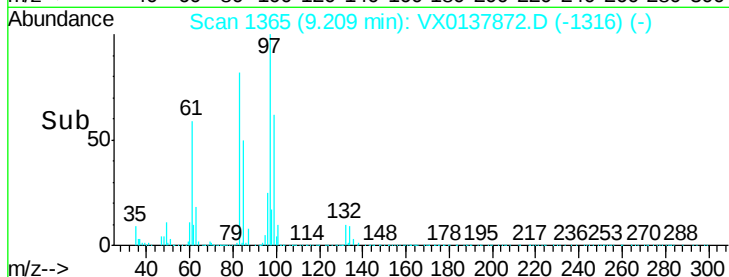
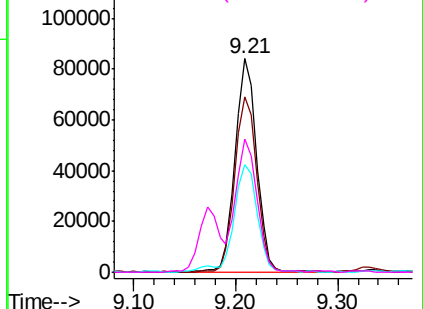
Abundance

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: 19.120 ug/l

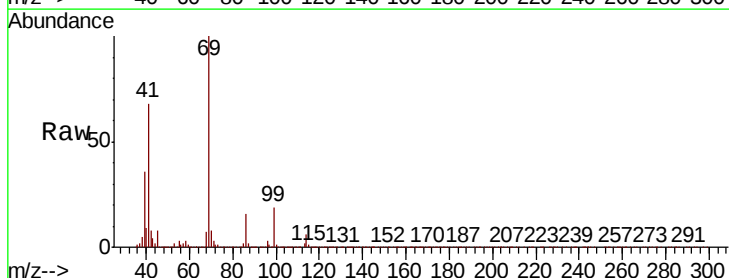
RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX0137872.D

Acq: 10 Dec 2019 00:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		186885		
41	67.2	55.0	82.4		
39	36.2	28.7	43.1		

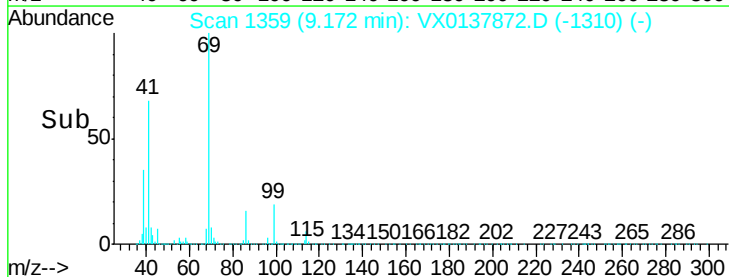
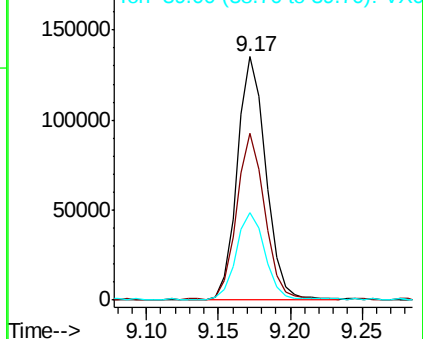


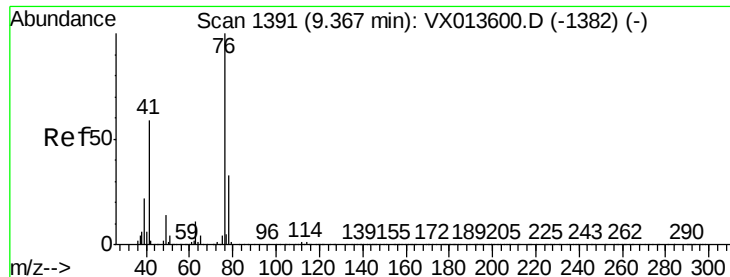
Abundance

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: 19.212 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX0137872.D

Acq: 10 Dec 2019 00:20

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 76 Resp: 201328

Ion Ratio Lower Upper

76 100

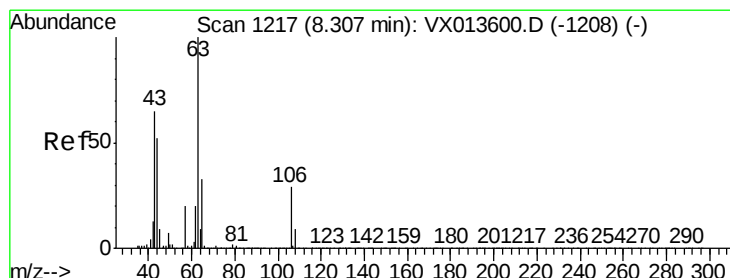
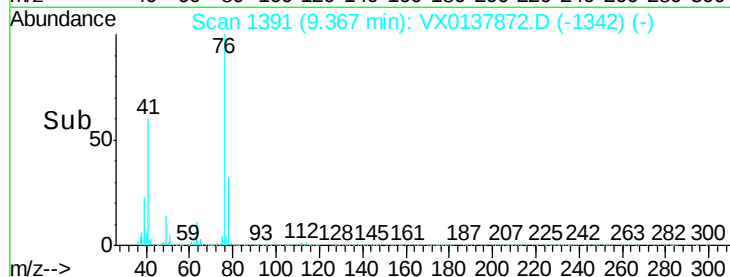
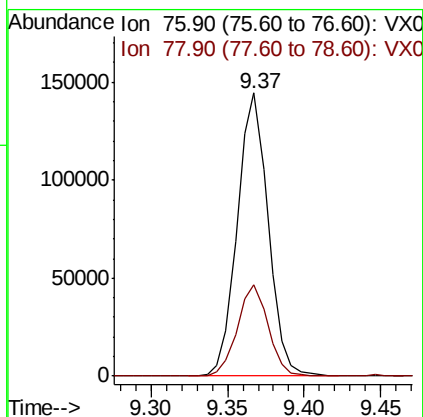
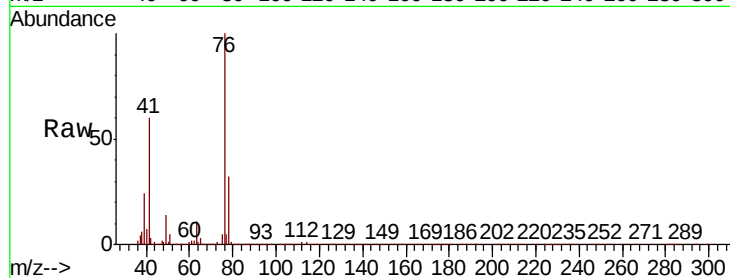
78 32.2 26.0 39.0

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#58

2-Chloroethyl Vinyl ether

Concen: 89.852 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX0137872.D

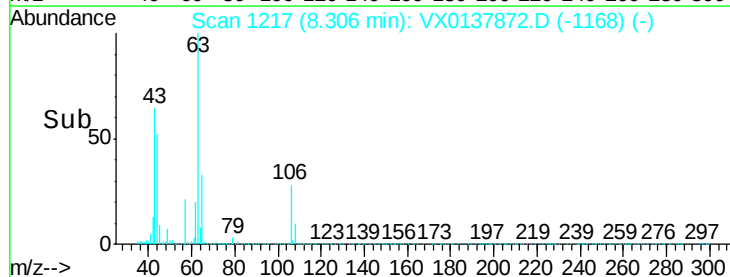
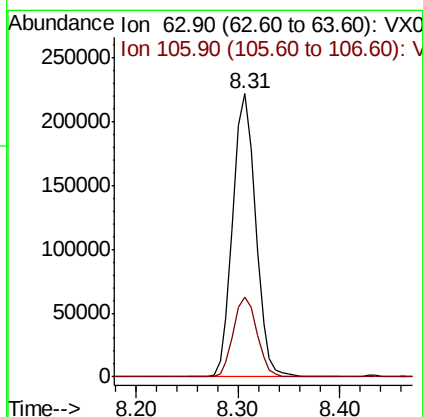
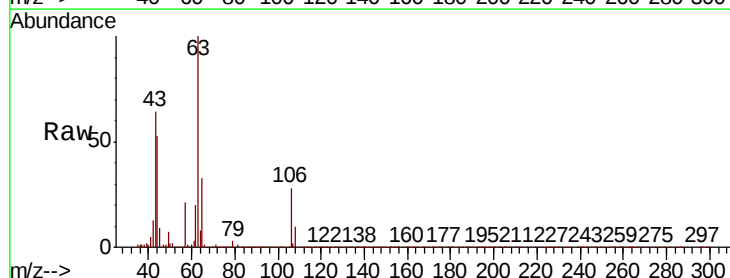
Acq: 10 Dec 2019 00:20

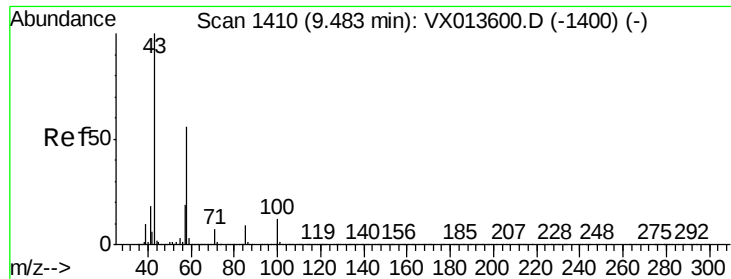
Tgt Ion: 63 Resp: 344339

Ion Ratio Lower Upper

63 100

106 29.0 23.4 35.0





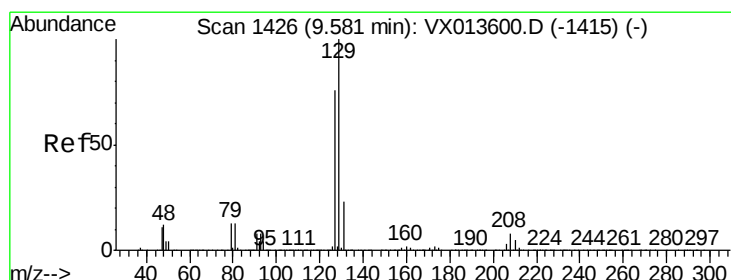
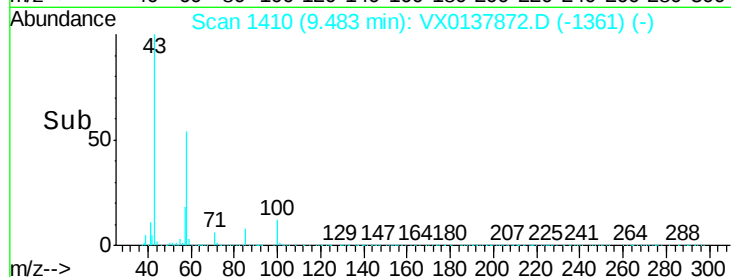
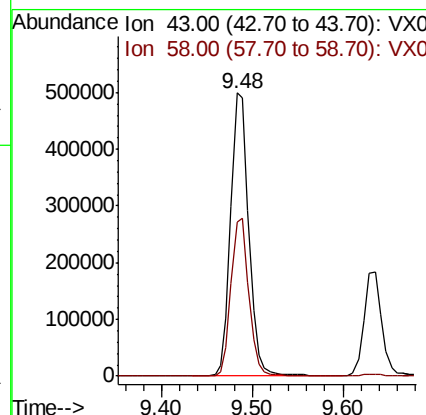
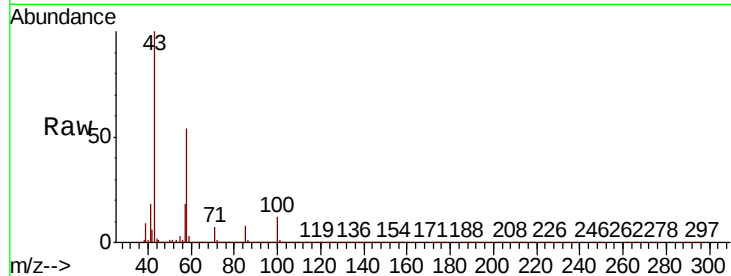
#59
2-Hexanone
Concen: 96.171 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX0137872.D
Acq: 10 Dec 2019 00:20

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.9	28.1	84.4

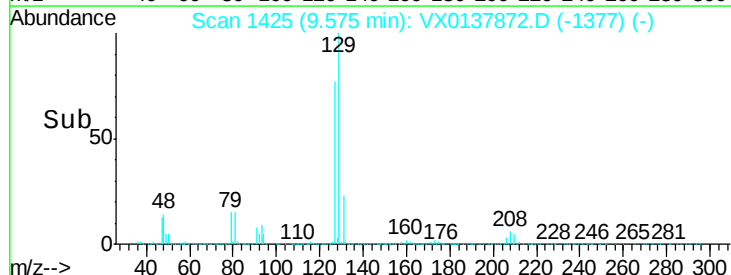
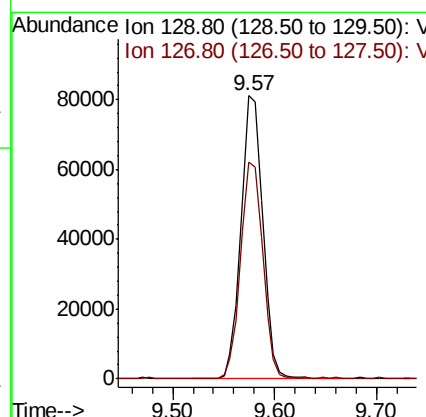
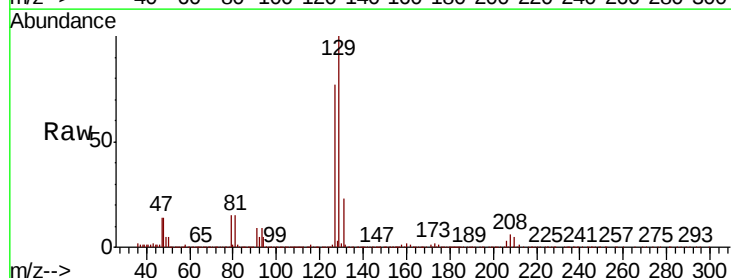
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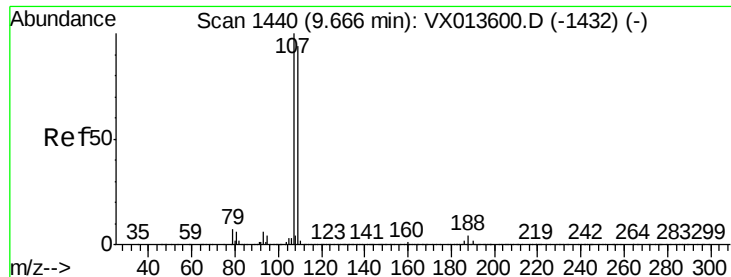
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#60
Dibromochloromethane
Concen: 18.904 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX0137872.D
Acq: 10 Dec 2019 00:20

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.2	38.5	115.5





#61

1,2-Dibromoethane

Concen: 19.042 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX0137872.D

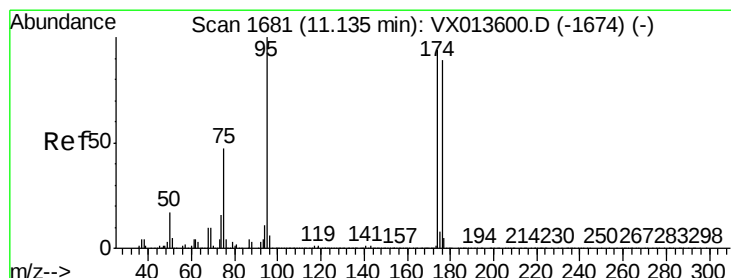
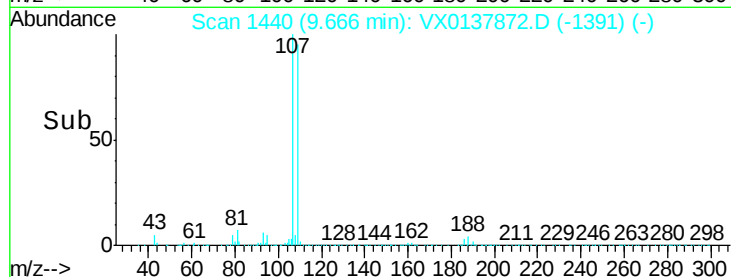
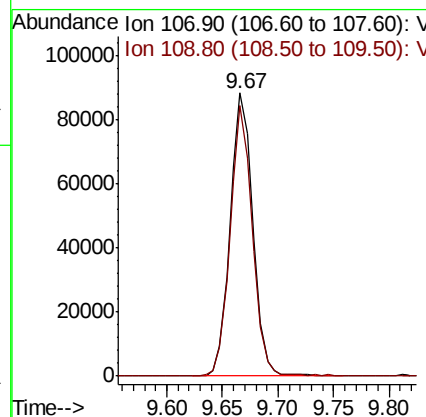
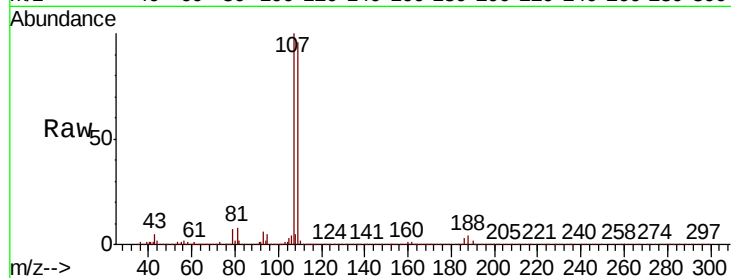
Acq: 10 Dec 2019 00:20

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Resp	Lower	Upper
107	100	123642		
109	93.7	76.1	114.1	

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#62

4-Bromofluorobenzene

Concen: 44.466 ug/l

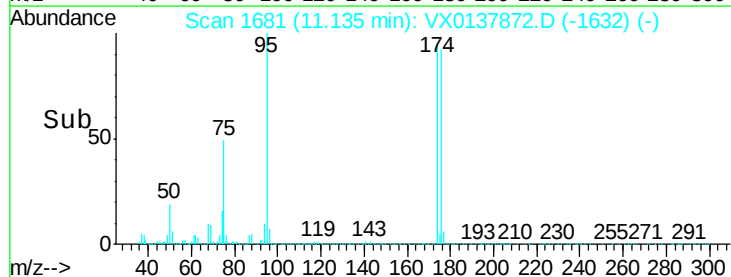
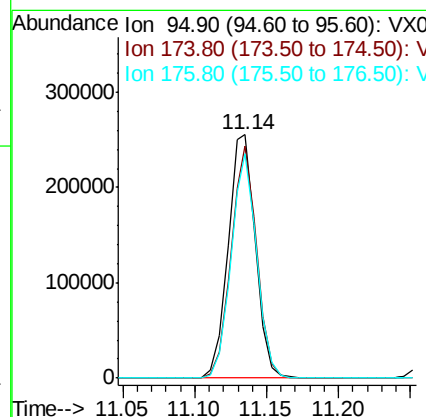
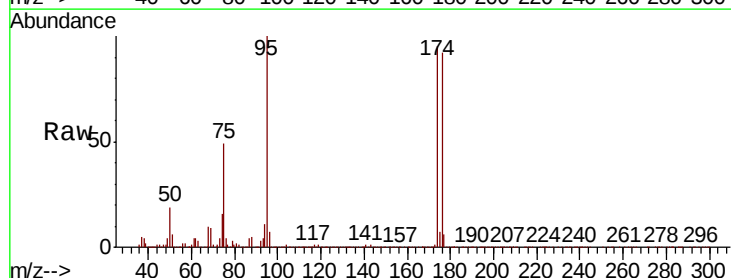
RT: 11.14 min Scan# 1681

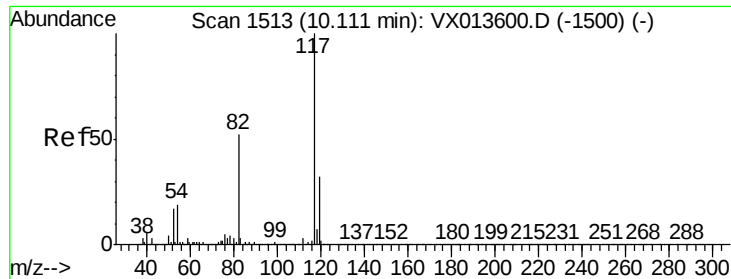
Delta R.T. -0.00 min

Lab File: VX0137872.D

Acq: 10 Dec 2019 00:20

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	339237		
174	89.9	0.0	180.0	
176	87.0	0.0	173.6	





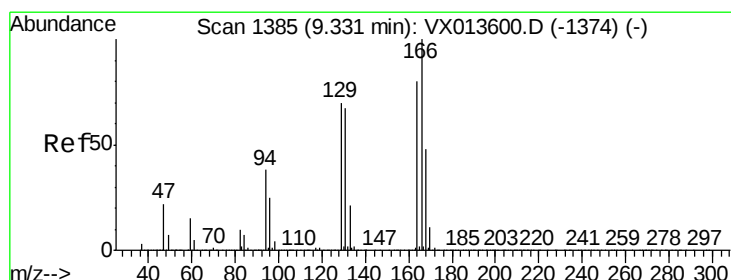
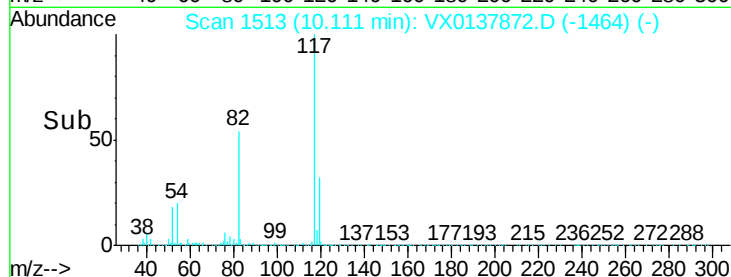
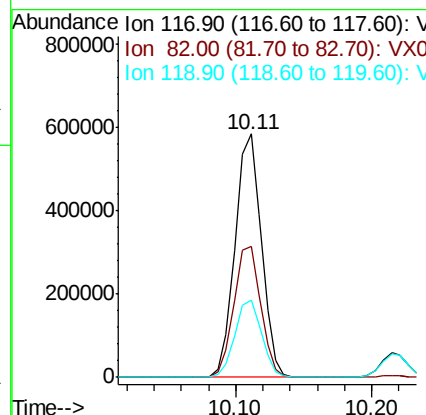
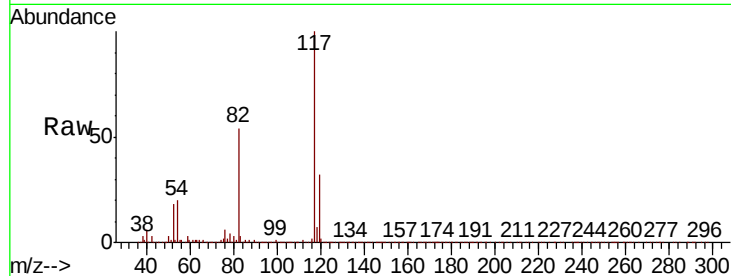
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX0137872.D
Acq: 10 Dec 2019 00:20

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Resp Lower	Upper
117	100		
82	53.6	41.8	62.8
119	31.9	25.8	38.8

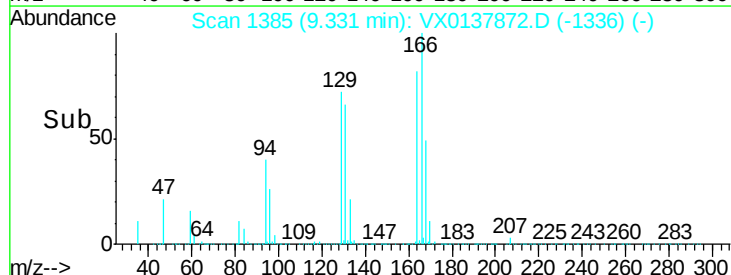
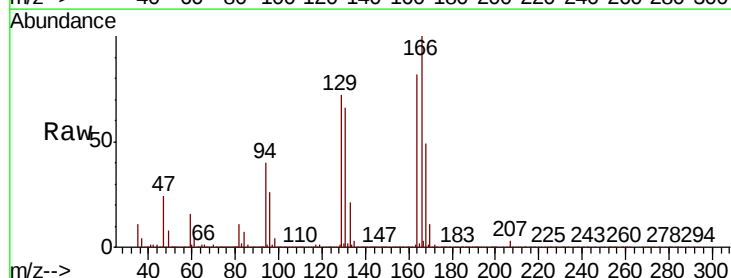
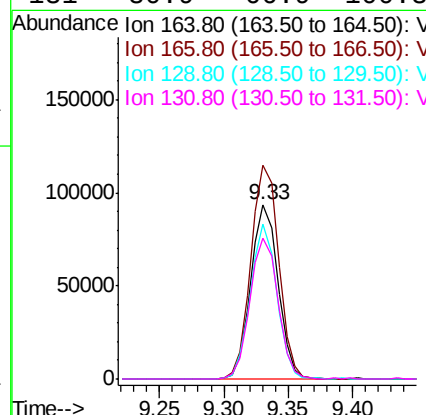
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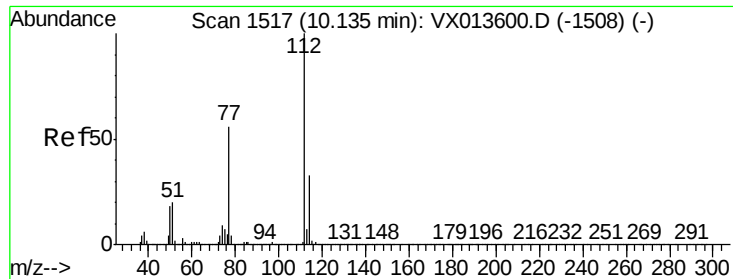
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#64
Tetrachloroethene
Concen: 23.150 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX0137872.D
Acq: 10 Dec 2019 00:20

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
166	122.3	99.7	149.5
129	88.3	70.1	105.1
131	80.9	66.9	100.3





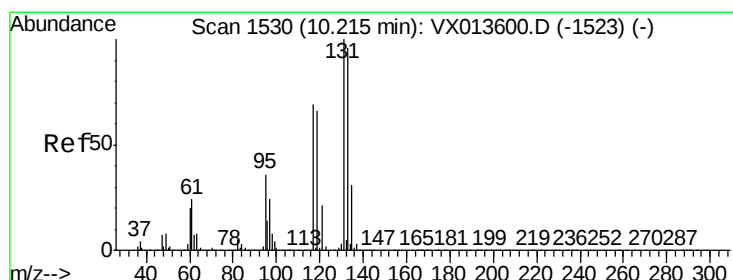
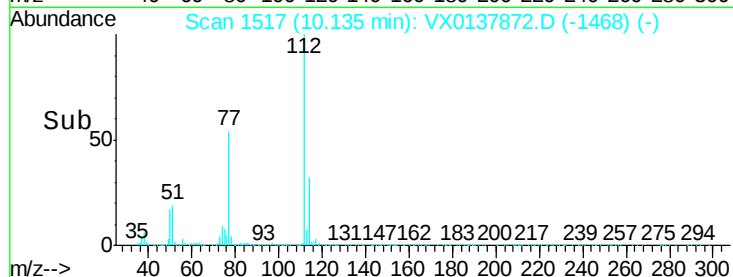
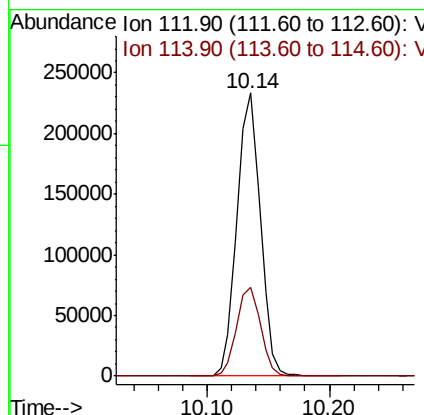
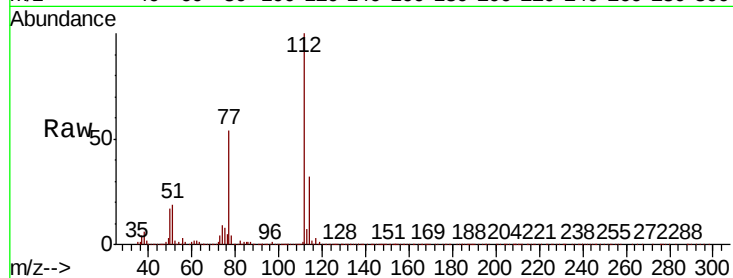
#65
Chlorobenzene
Concen: 18.772 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX0137872.D
Acq: 10 Dec 2019 00:20

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.6	26.1	39.1

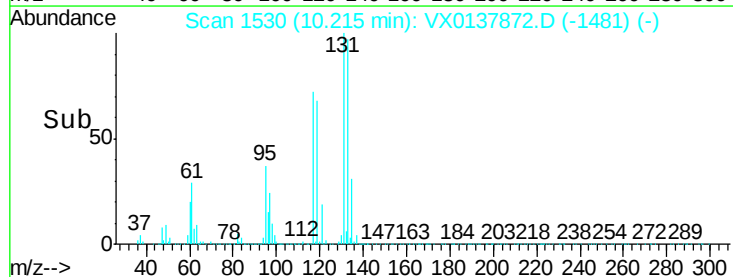
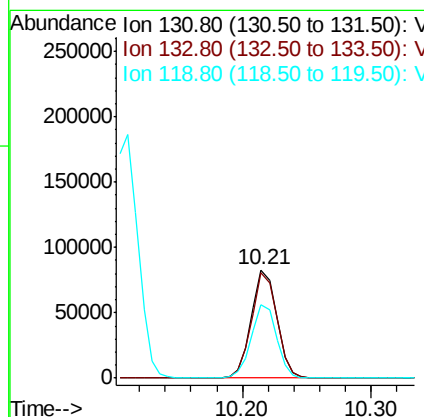
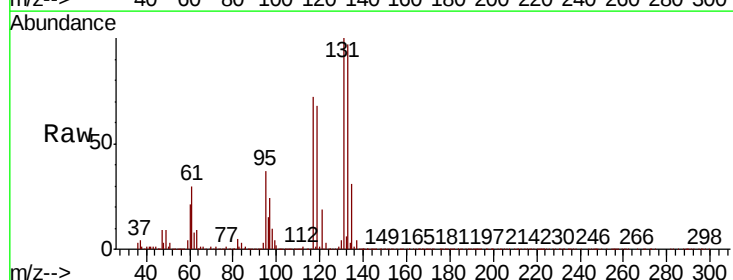
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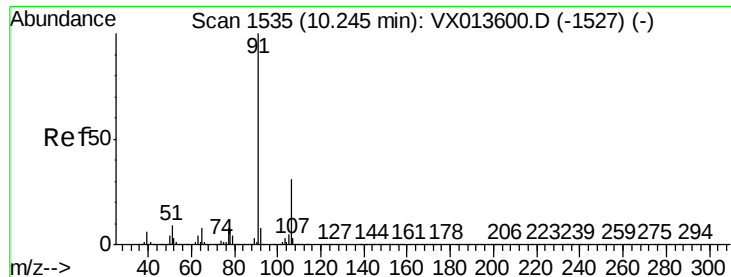
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.137 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX0137872.D
Acq: 10 Dec 2019 00:20

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.9	47.7	143.1
119	67.9	32.9	98.6





#67

Ethyl Benzene

Concen: 19.004 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX0137872.D

Acq: 10 Dec 2019 00:20

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 91 Resp: 534654

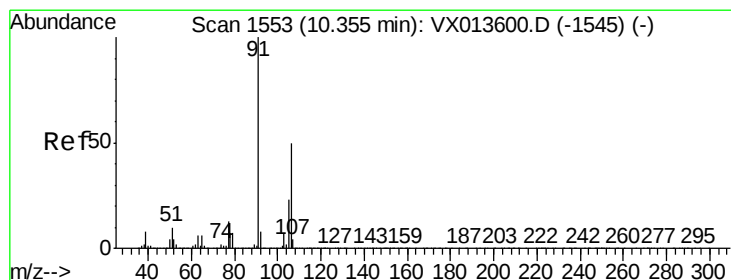
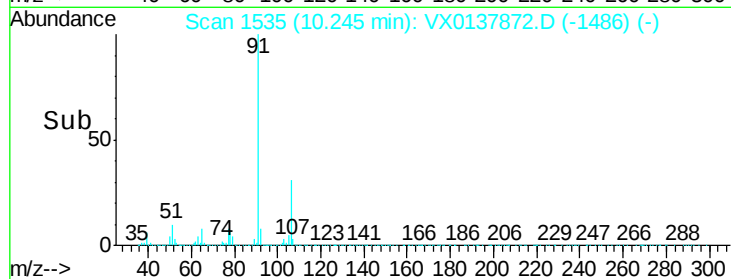
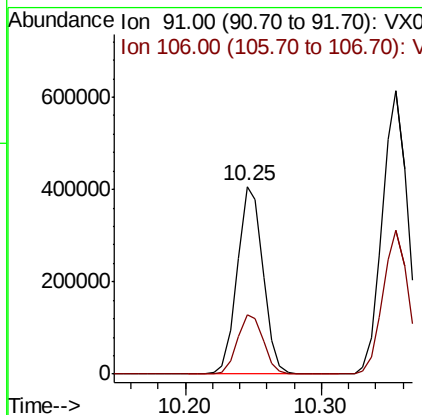
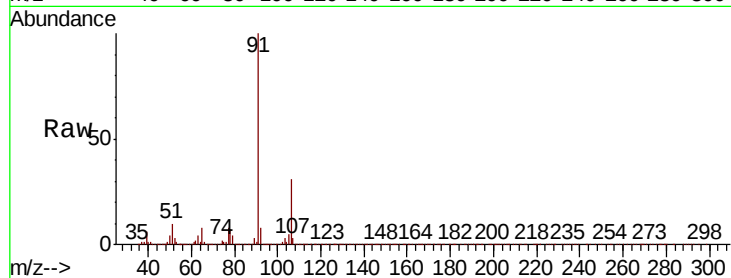
Ion Ratio Lower Upper

91 100

106 31.4 24.5 36.7

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#68

m/p-Xylenes

Concen: 37.673 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX0137872.D

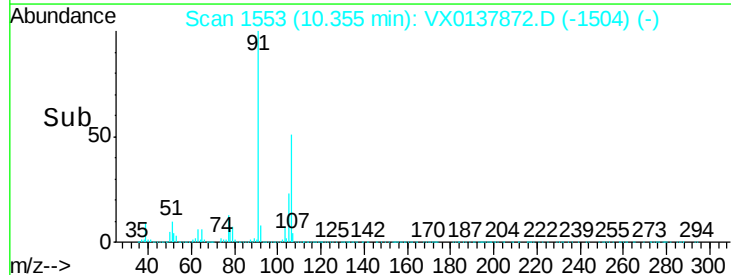
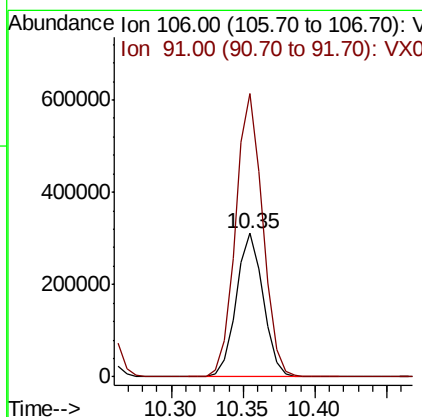
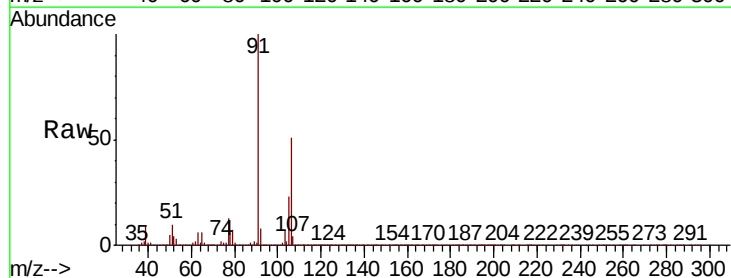
Acq: 10 Dec 2019 00:20

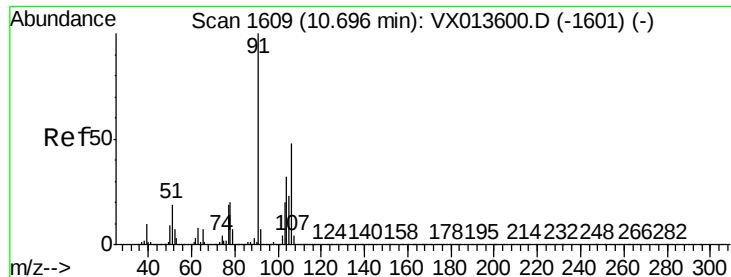
Tgt Ion: 106 Resp: 405786

Ion Ratio Lower Upper

106 100

91 198.6 159.0 238.4





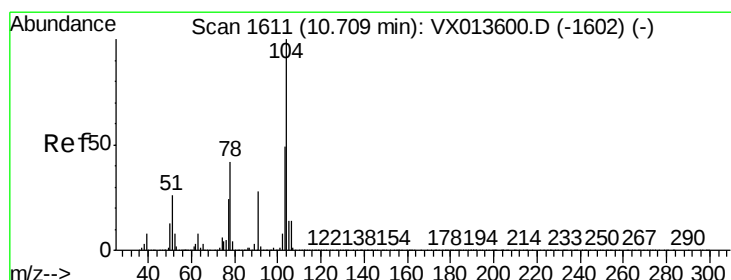
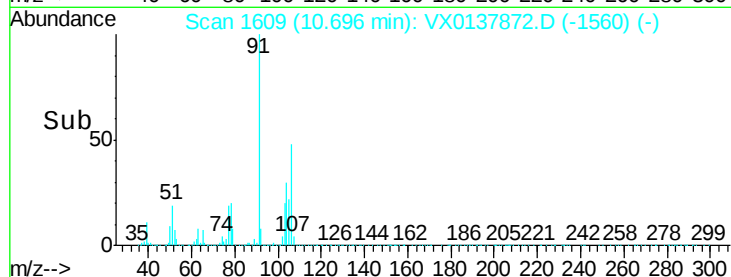
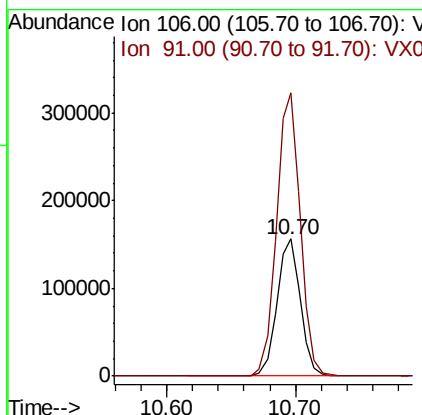
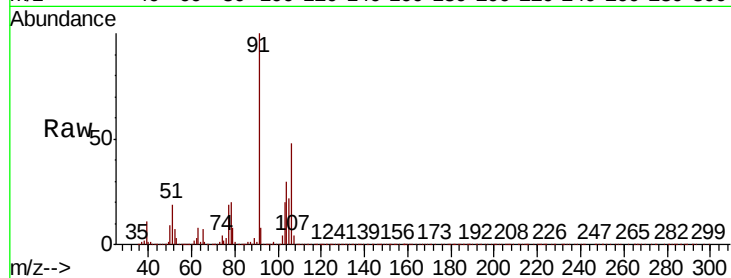
#69
o-Xylene
Concen: 18.958 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX0137872.D
Acq: 10 Dec 2019 00:20

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Resp	Lower	Upper
106	100	199156		
91	209.3	104.1	312.2	

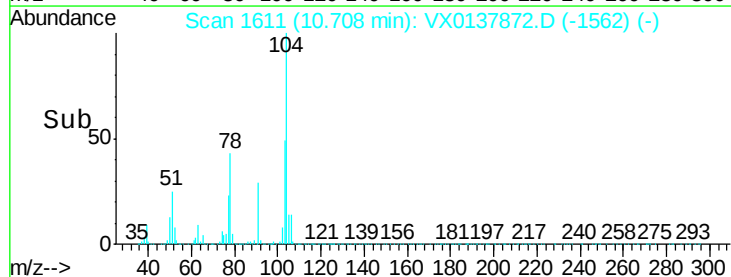
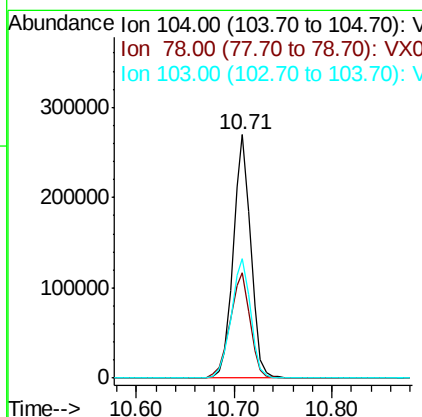
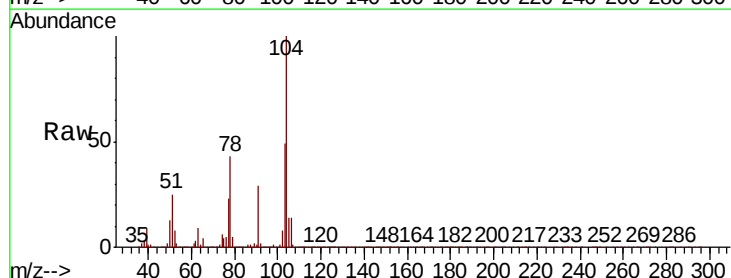
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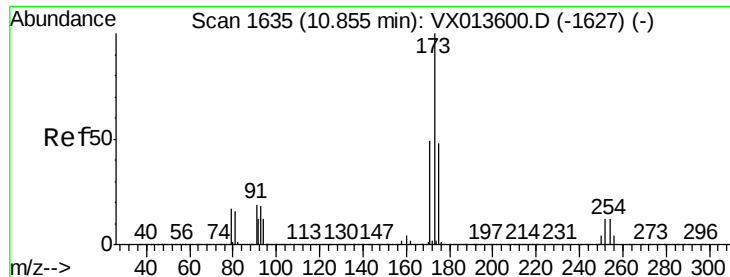
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#70
Styrene
Concen: 18.924 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX0137872.D
Acq: 10 Dec 2019 00:20

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	334422		
78	49.2	38.5	57.7	
103	54.4	43.7	65.5	





#71

Bromoform

Concen: 18.385 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX0137872.D

Acq: 10 Dec 2019 00:20

Instrument :

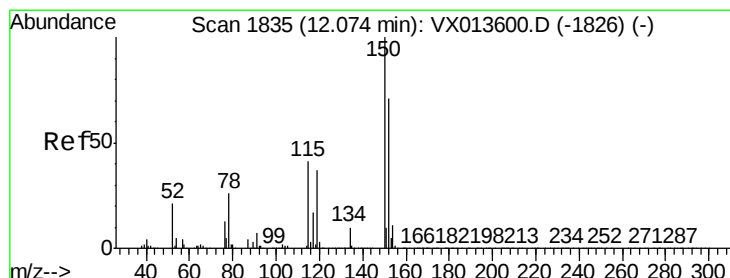
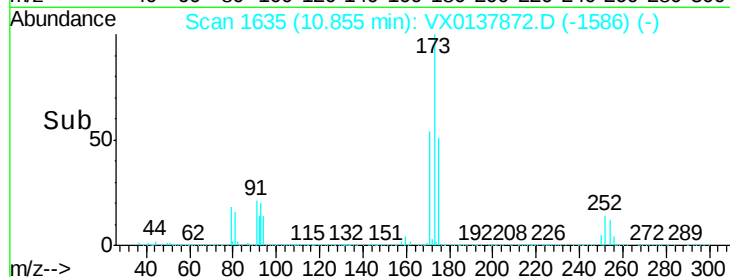
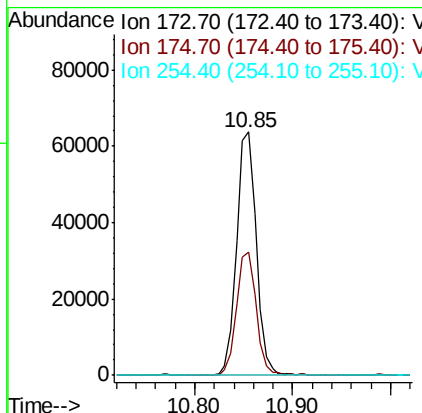
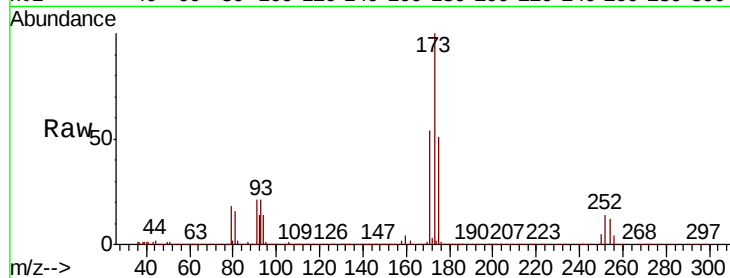
MSVOA_X

ClientSampled :

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.7	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

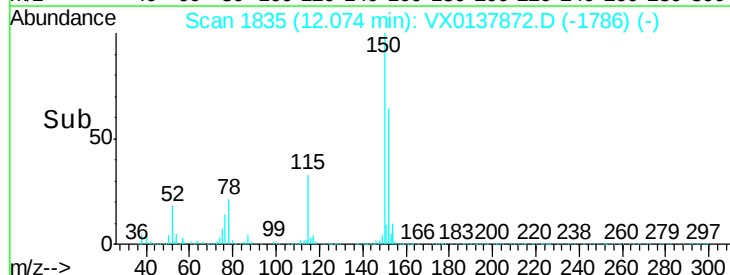
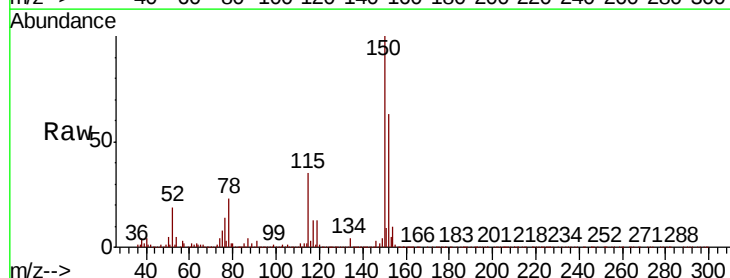
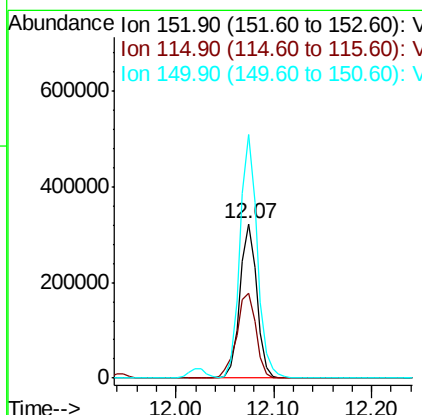
RT: 12.07 min Scan# 1835

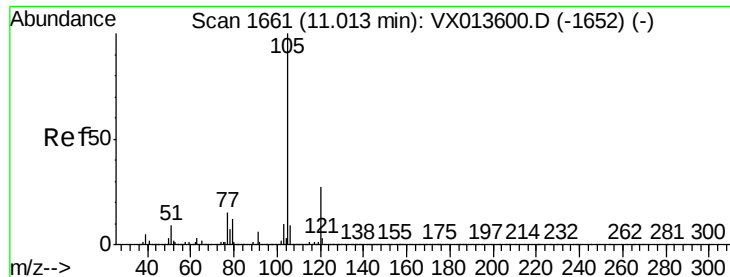
Delta R.T. -0.00 min

Lab File: VX0137872.D

Acq: 10 Dec 2019 00:20

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.5	38.4	115.1
150	162.6	0.0	346.8





#73

Isopropylbenzene

Concen: 19.629 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX0137872.D

Acq: 10 Dec 2019 00:20

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 105 Resp: 528574

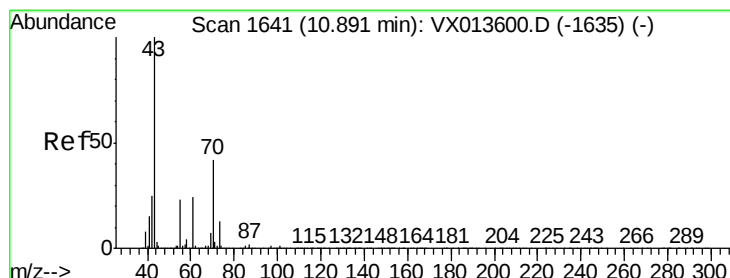
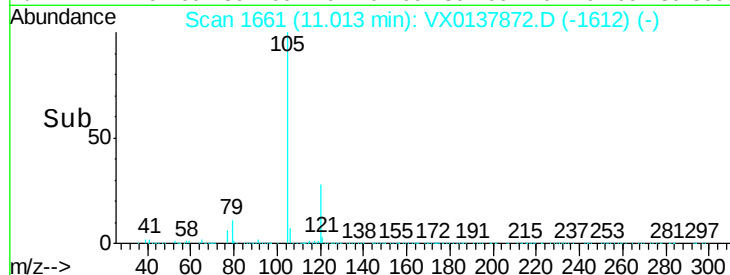
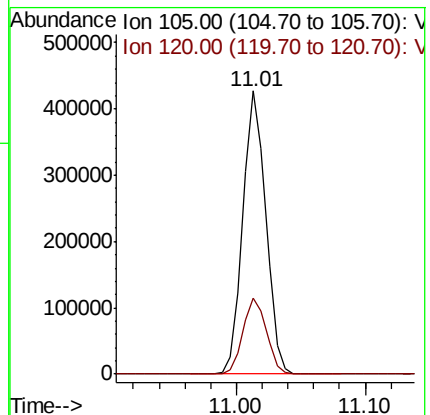
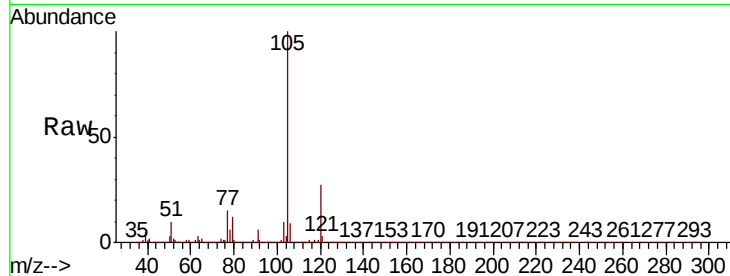
Ion Ratio Lower Upper

105 100

120 27.4 13.5 40.5

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#74

N-ethyl acetate

Concen: 18.975 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX0137872.D

Acq: 10 Dec 2019 00:20

Tgt Ion: 43 Resp: 234070

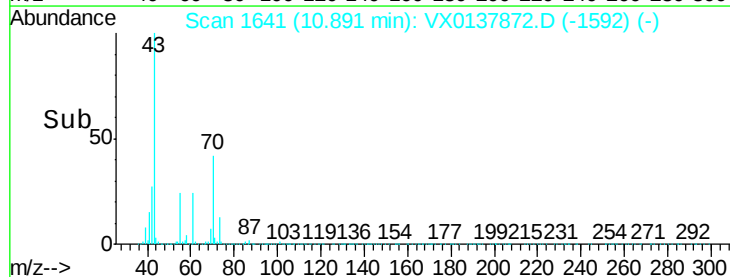
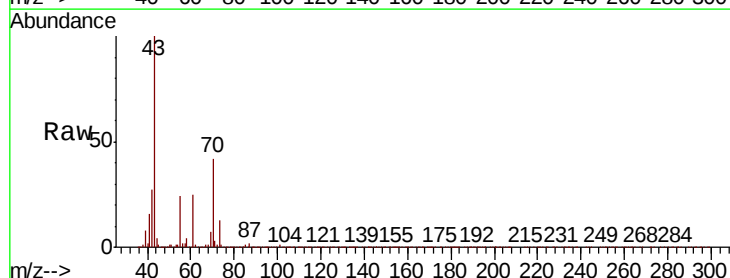
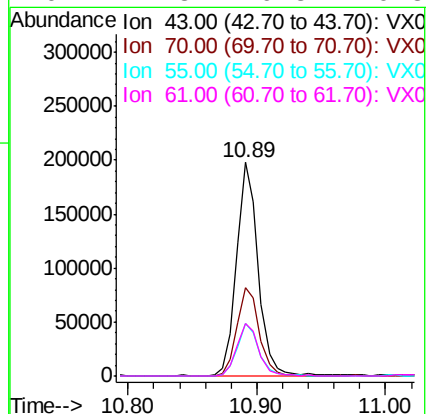
Ion Ratio Lower Upper

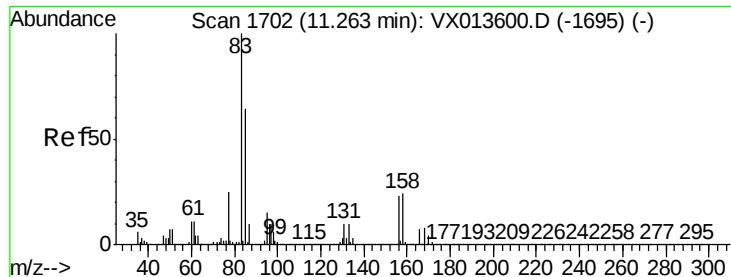
43 100

70 42.7 34.3 51.5

55 24.5 18.5 27.7

61 24.3 19.8 29.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.927 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX0137872.D

Acq: 10 Dec 2019 00:20

Instrument :

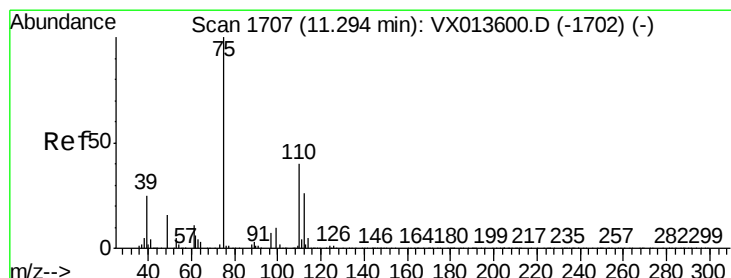
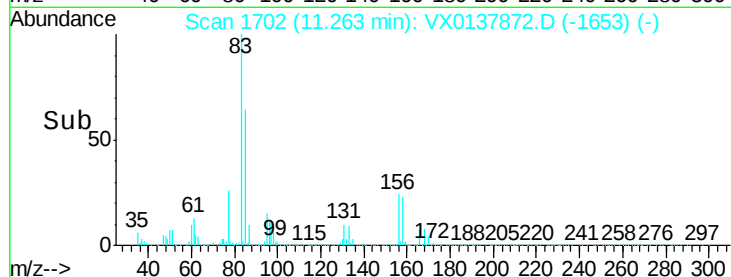
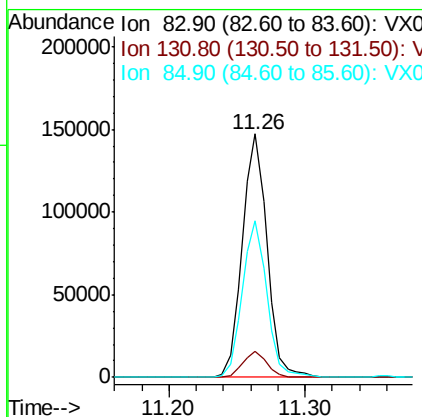
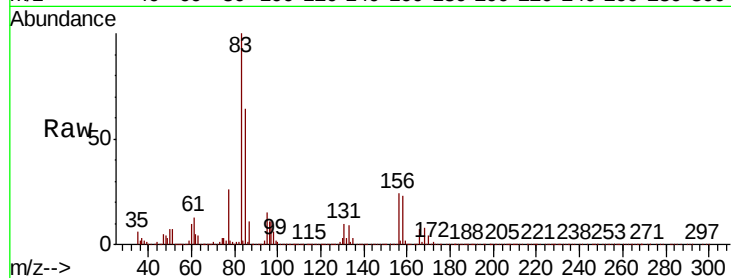
MSVOA_X

ClientSampleId :

Tot Ion:	83	Resp:	186096
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.1	15.3
85	64.3	31.8	95.3

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#76

1,2,3-Trichloropropane

Concen: 19.771 ug/l m

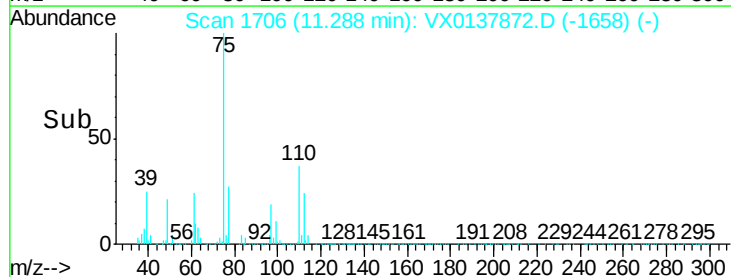
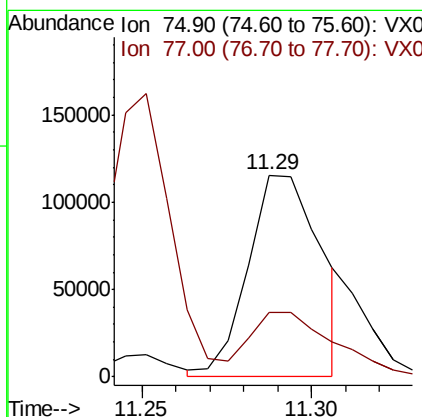
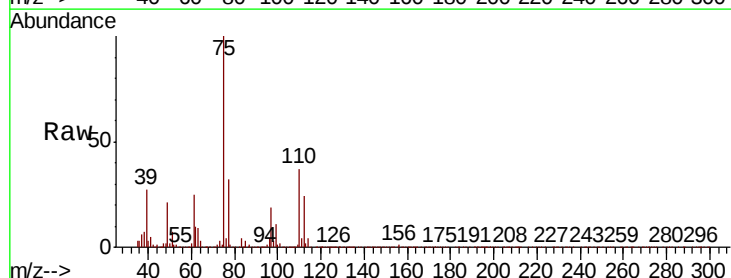
RT: 11.29 min Scan# 1706

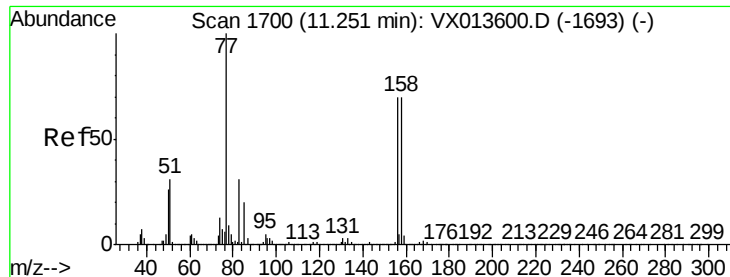
Delta R.T. -0.01 min

Lab File: VX0137872.D

Acq: 10 Dec 2019 00:20

Tgt Ion:	75	Resp:	170715
Ion Ratio	Lower	Upper	
75	100		
77	36.6	19.1	57.5





#77

Bromobenzene

Concen: 18.913 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX0137872.D

Acq: 10 Dec 2019 00:20

Instrument :

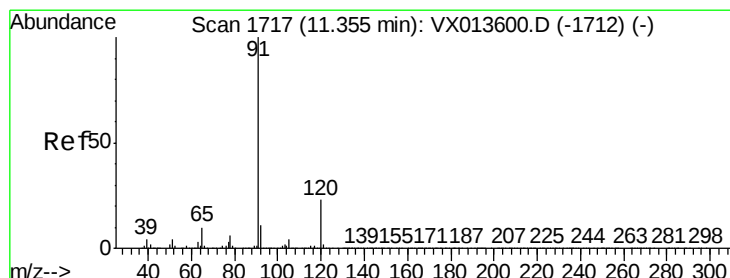
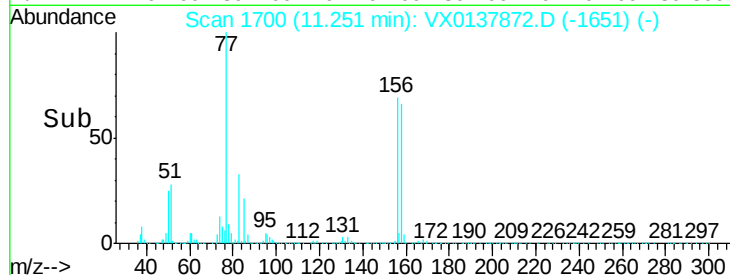
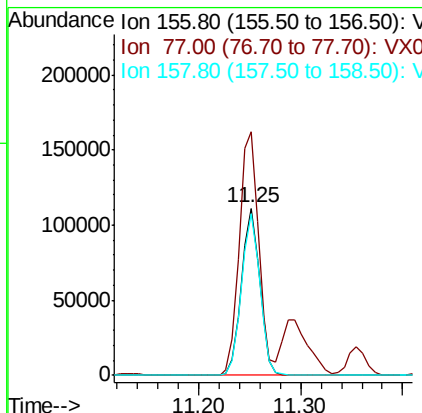
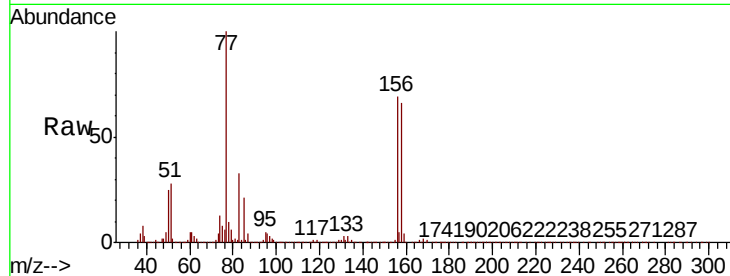
MSVOA_X

ClientSampleId :

Tot Ion:	156	Resp:	137591
Ion Ratio	Lower	Upper	
156	100		
77	153.9	74.4	223.1
158	97.0	48.9	146.6

Manual Integrations
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#78

n-propylbenzene

Concen: 19.069 ug/l

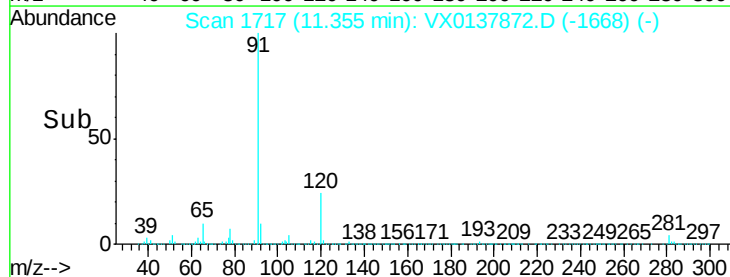
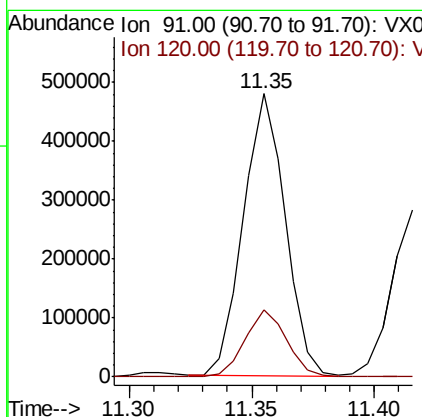
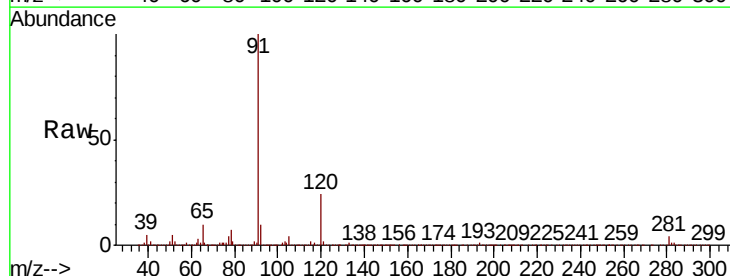
RT: 11.35 min Scan# 1717

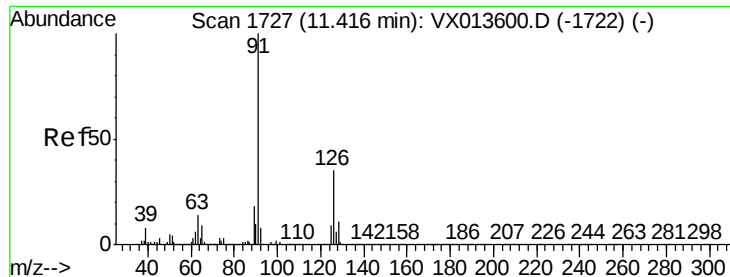
Delta R.T. -0.00 min

Lab File: VX0137872.D

Acq: 10 Dec 2019 00:20

Tgt Ion:	91	Resp:	573229
Ion Ratio	Lower	Upper	
91	100		
120	23.8	11.8	35.3





#79

2-Chlorotoluene

Concen: 19.349 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX0137872.D

Acq: 10 Dec 2019 00:20

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 91 Resp: 348921

Ion Ratio Lower Upper

91 100

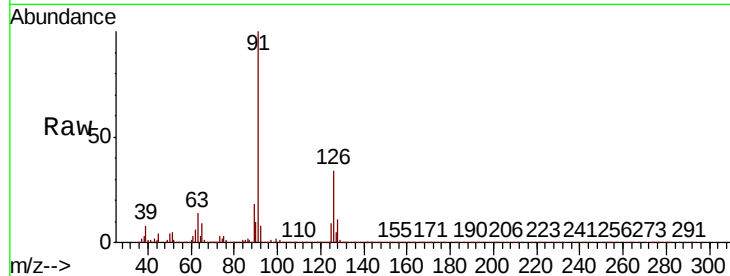
126 34.7 17.5 52.5

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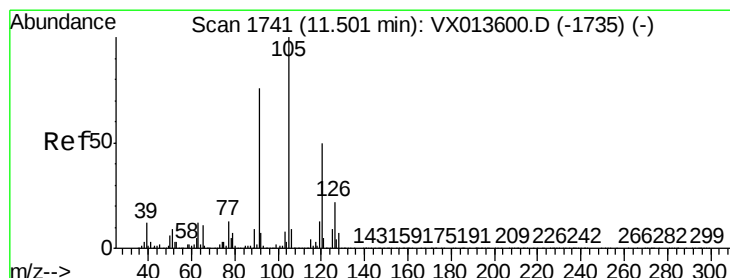
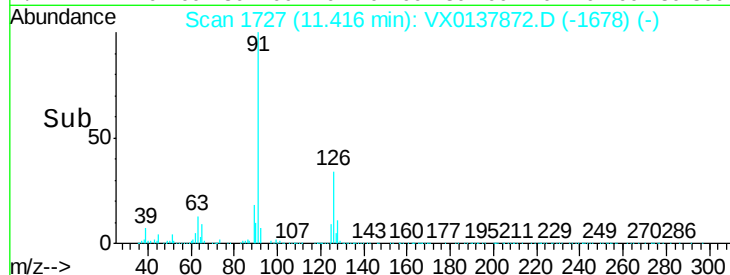
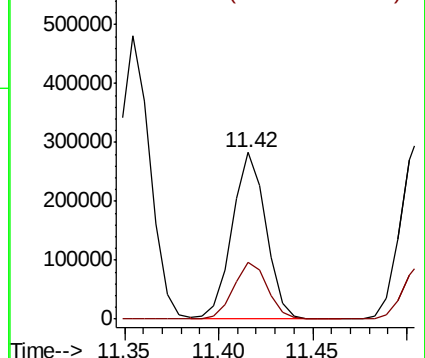
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.464 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX0137872.D

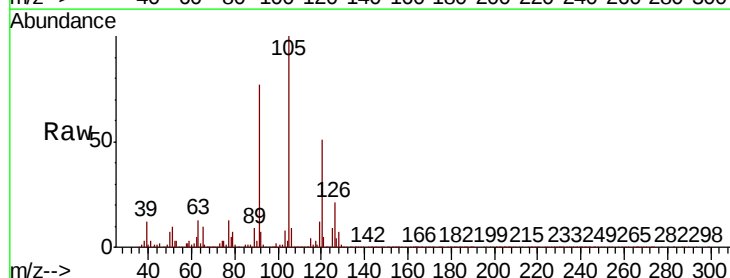
Acq: 10 Dec 2019 00:20

Tgt Ion: 105 Resp: 429579

Ion Ratio Lower Upper

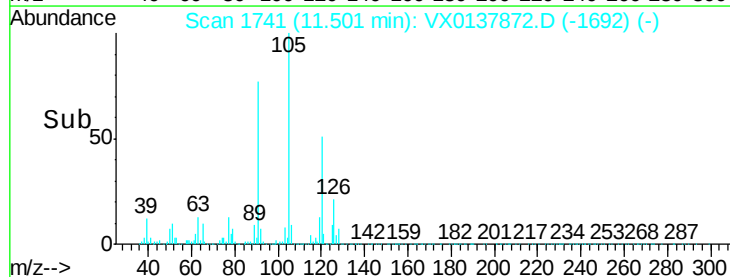
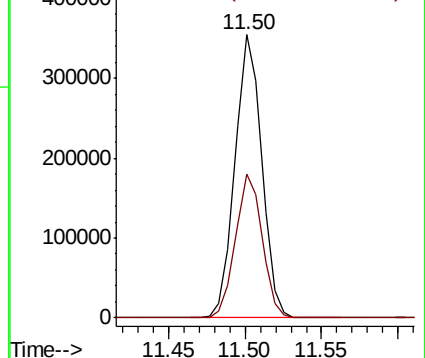
105 100

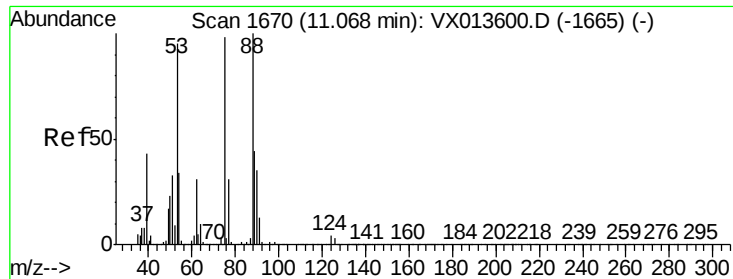
120 50.7 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





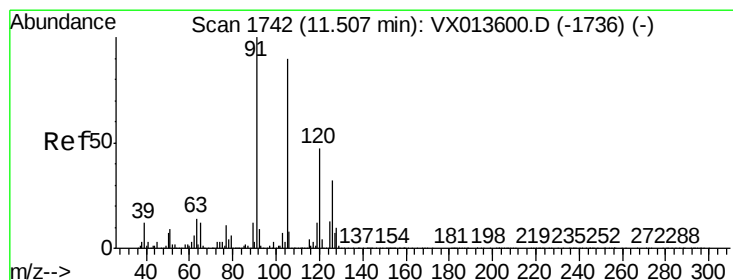
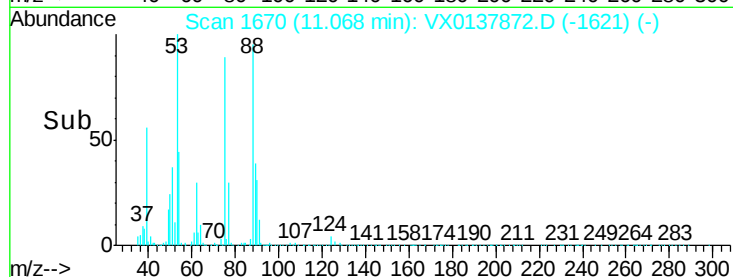
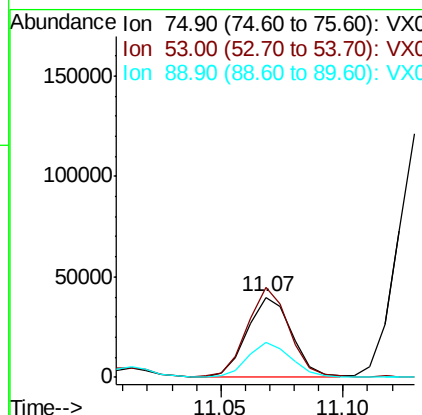
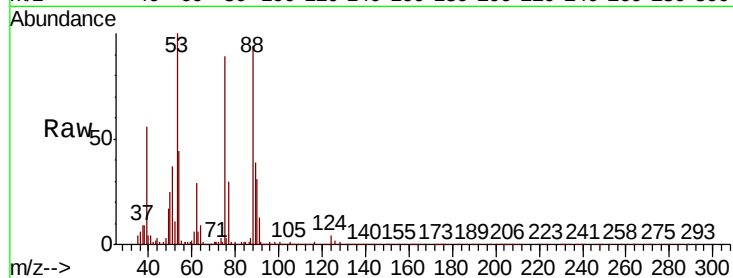
#81
trans-1,4-Dichloro-2-butene
Concen: 15.985 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX0137872.D
Acq: 10 Dec 2019 00:20

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
75	100		
53	107.2	78.2	117.2
89	43.6	35.4	53.2

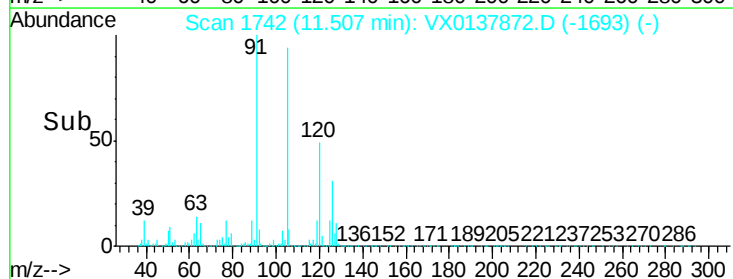
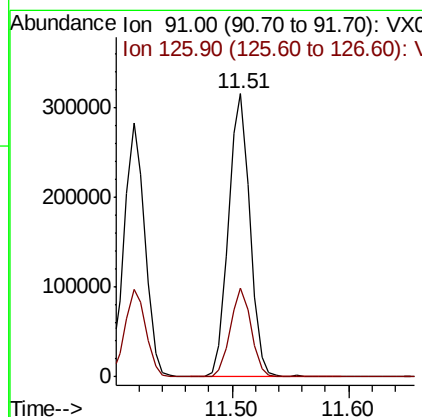
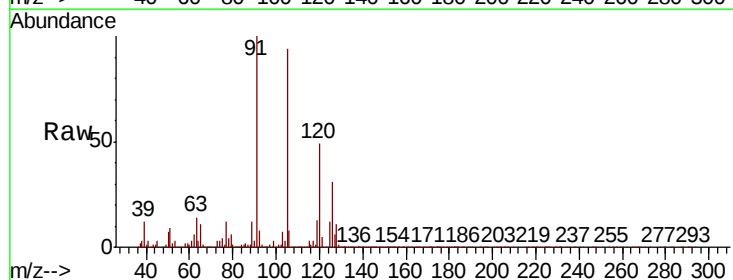
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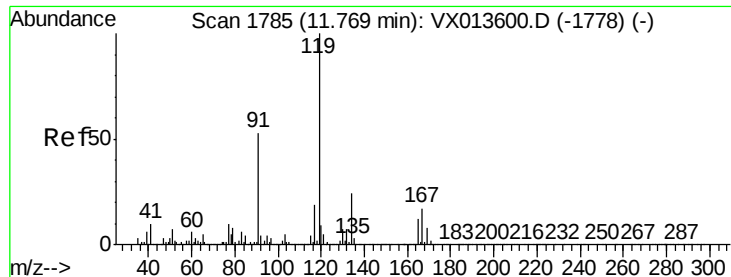
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#82
4-Chlorotoluene
Concen: 19.219 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX0137872.D
Acq: 10 Dec 2019 00:20

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.2	15.7	47.0





#83

tert-Butylbenzene

Concen: 18.871 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VX0137872.D

Acq: 10 Dec 2019 00:20

Instrument :

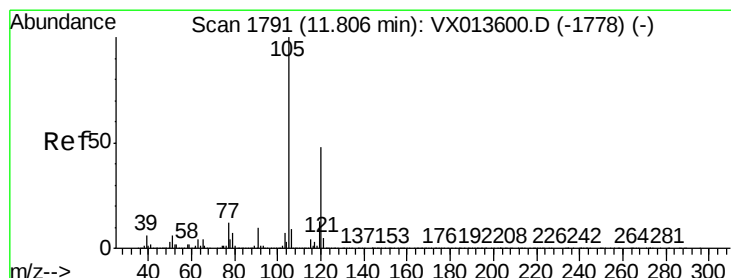
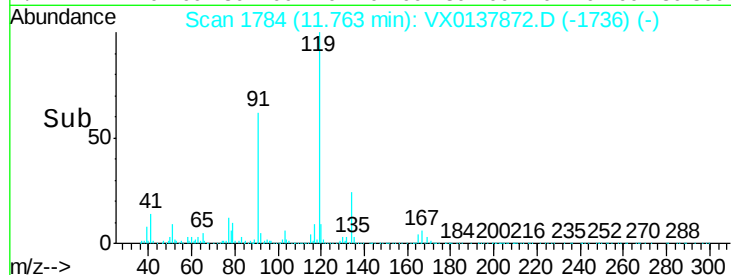
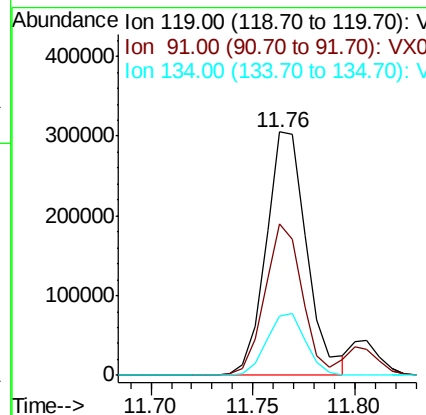
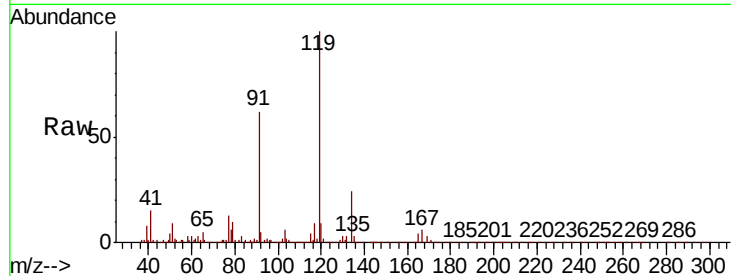
MSVOA_X

ClientSampleId :

Tot Ion:	119	Resp:	423271
Ion Ratio	Lower	Upper	
119	100		
91	56.9	27.2	81.6
134	24.6	11.7	35.1

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#84

1,2,4-Trimethylbenzene

Concen: 19.304 ug/l

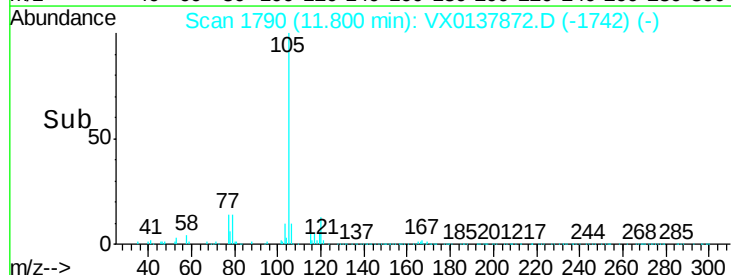
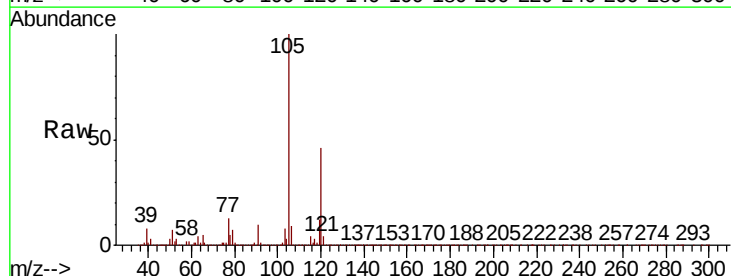
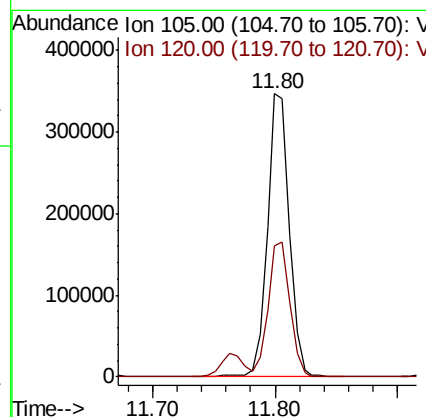
RT: 11.80 min Scan# 1790

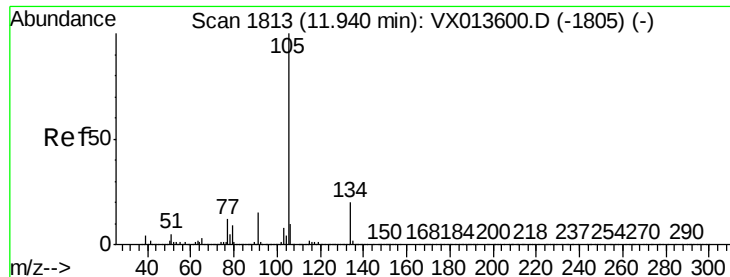
Delta R.T. -0.01 min

Lab File: VX0137872.D

Acq: 10 Dec 2019 00:20

Tgt Ion:	105	Resp:	432409
Ion Ratio	Lower	Upper	
105	100		
120	47.1	23.1	69.3





#85

sec-Butylbenzene

Concen: 19.401 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX0137872.D

Acq: 10 Dec 2019 00:20

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:105 Resp: 497057

Ion Ratio Lower Upper

105 100

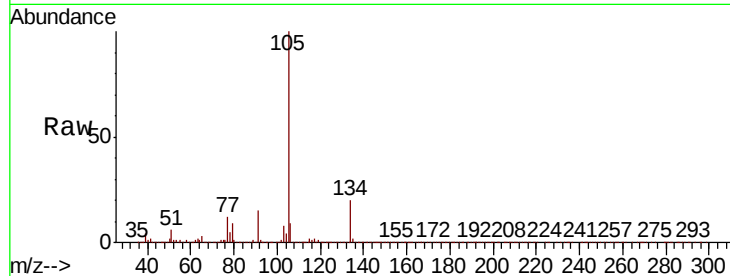
134 20.8 10.4 31.2

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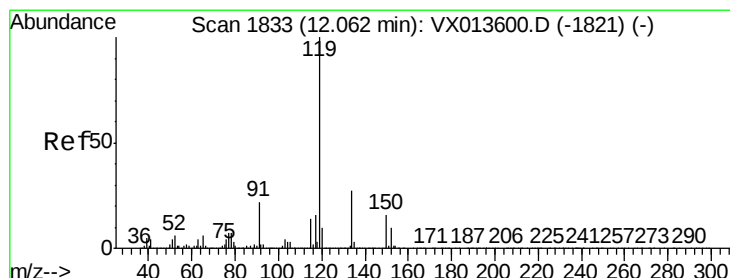
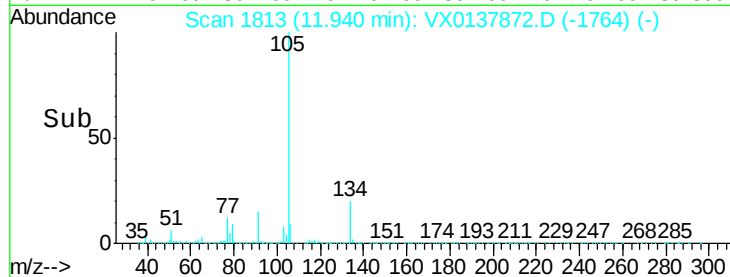
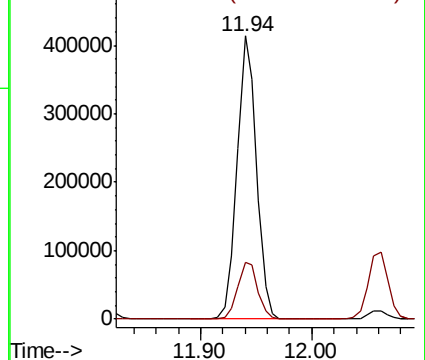
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.922 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX0137872.D

Acq: 10 Dec 2019 00:20

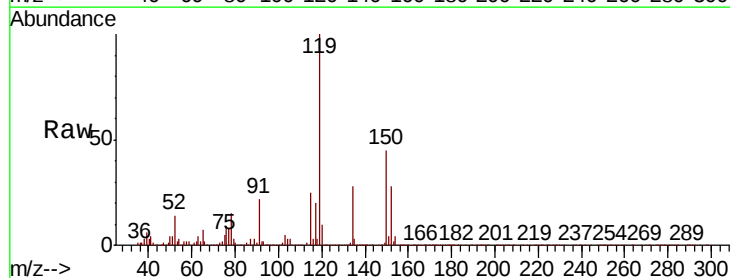
Tgt Ion:119 Resp: 450984

Ion Ratio Lower Upper

119 100

134 27.1 13.3 39.9

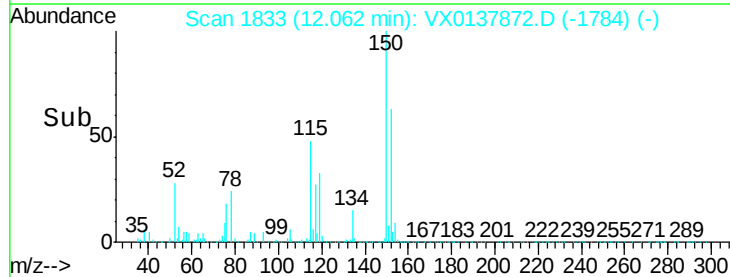
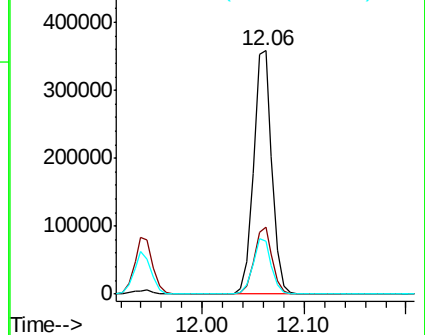
91 22.5 11.3 33.8

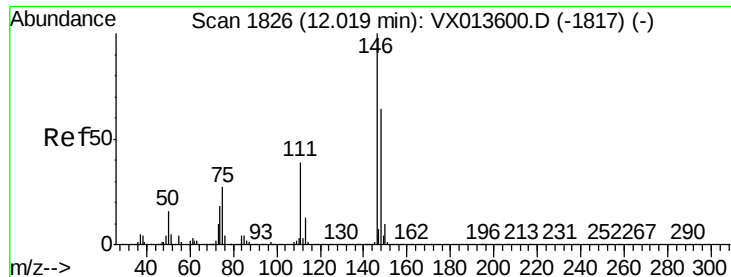


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 18.492 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX0137872.D

Acq: 10 Dec 2019 00:20

Instrument :

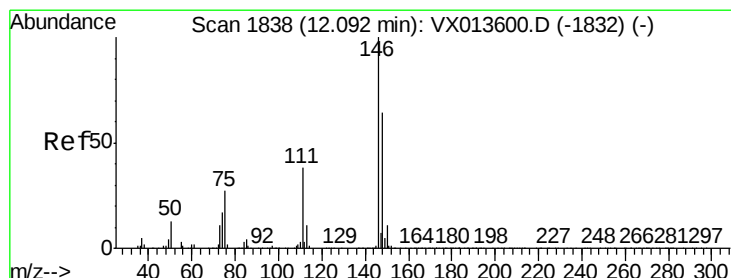
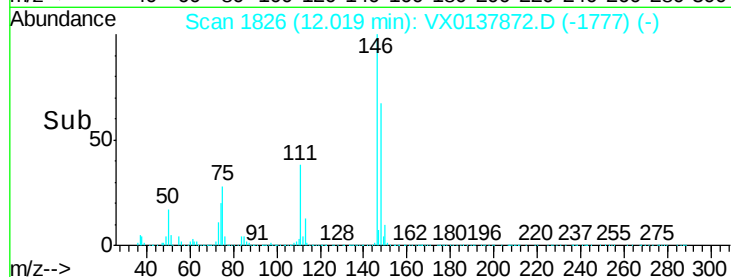
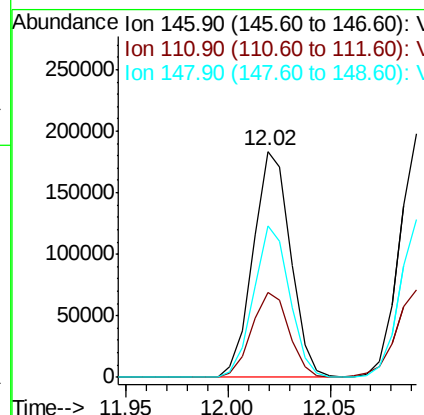
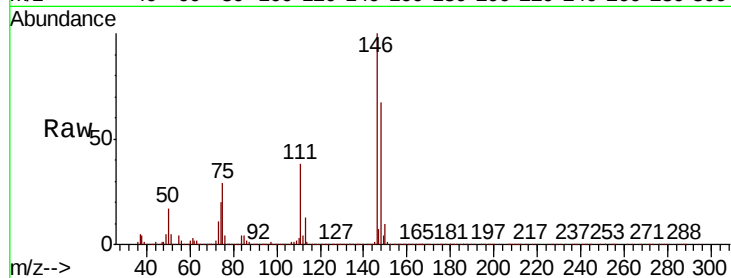
MSVOA_X

ClientSampled :

Tot Ion:	146	Resp:	234502
Ion Ratio	Lower	Upper	
146	100		
111	37.7	19.0	57.0
148	64.5	31.8	95.4

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#88

1,4-Dichlorobenzene

Concen: 18.154 ug/l

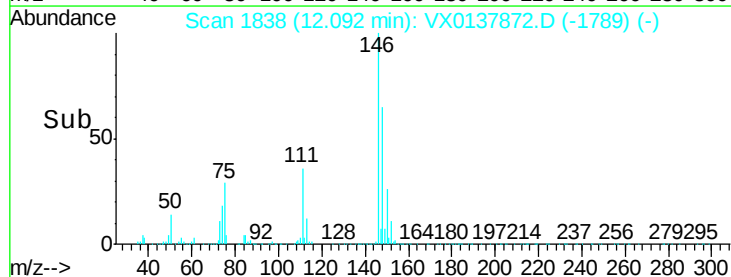
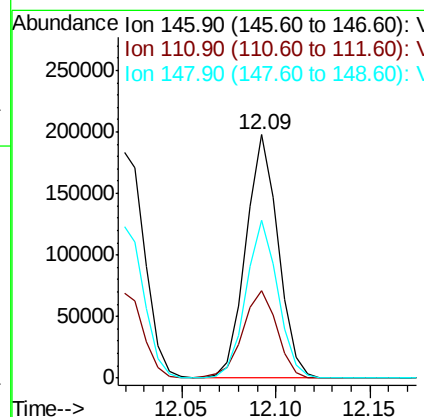
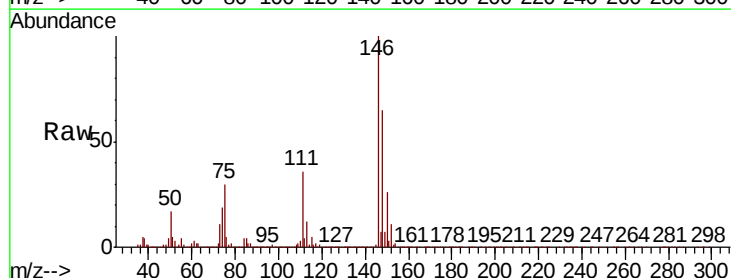
RT: 12.09 min Scan# 1838

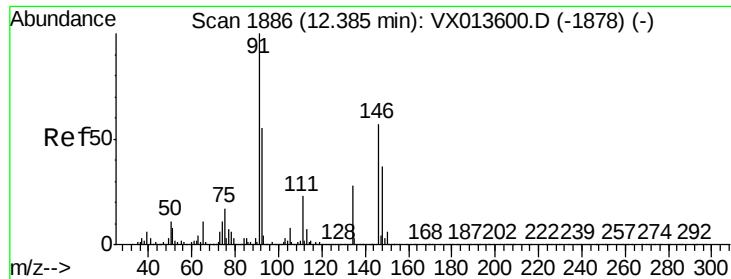
Delta R.T. -0.00 min

Lab File: VX0137872.D

Acq: 10 Dec 2019 00:20

Tgt Ion:	146	Resp:	234496
Ion Ratio	Lower	Upper	
146	100		
111	38.3	18.9	56.9
148	64.3	31.9	95.5





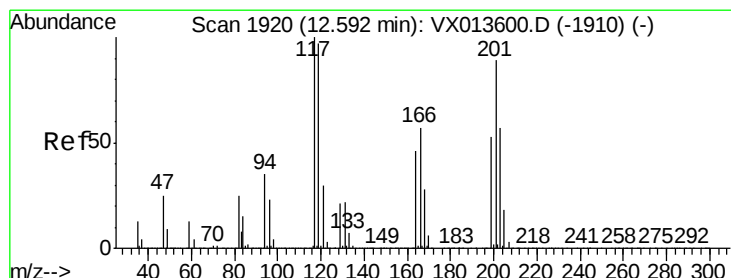
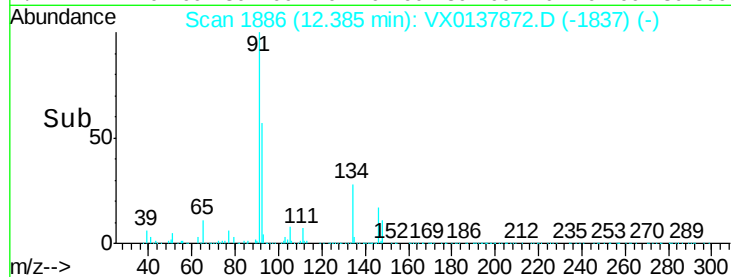
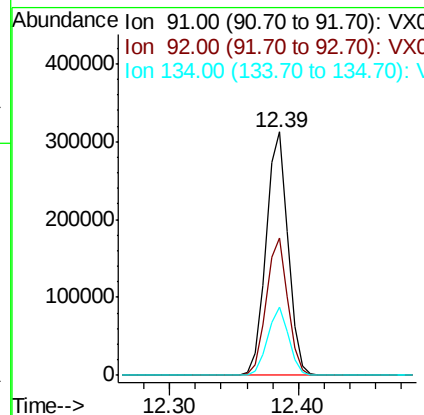
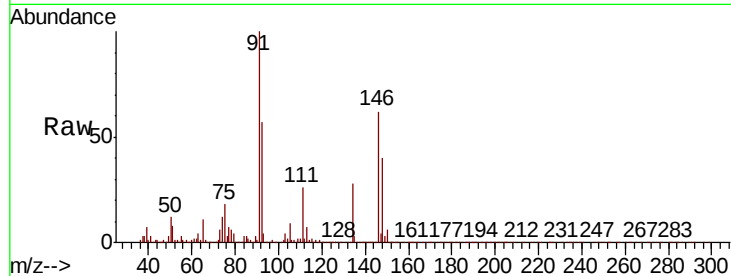
#89
n-Butylbenzene
Concen: 17.952 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX0137872.D
Acq: 10 Dec 2019 00:20

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.5	27.4	82.2
134	27.2	13.5	40.4

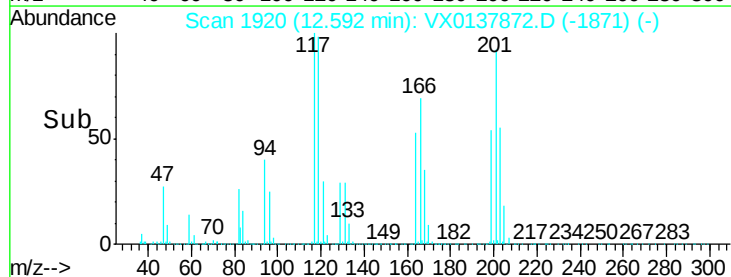
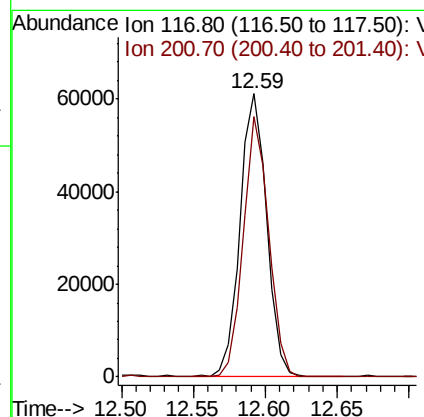
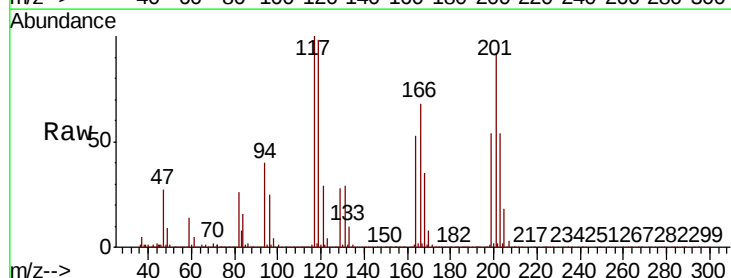
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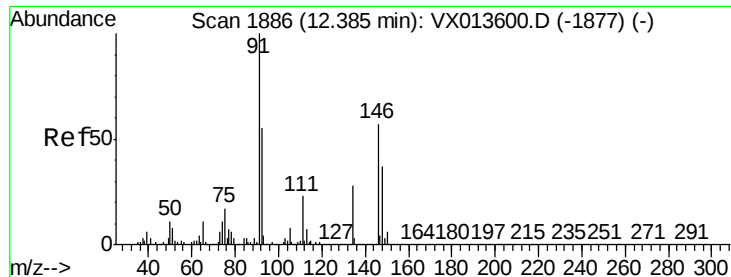
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#90
Hexachloroethane
Concen: 18.237 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX0137872.D
Acq: 10 Dec 2019 00:20

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.8	44.1	132.4





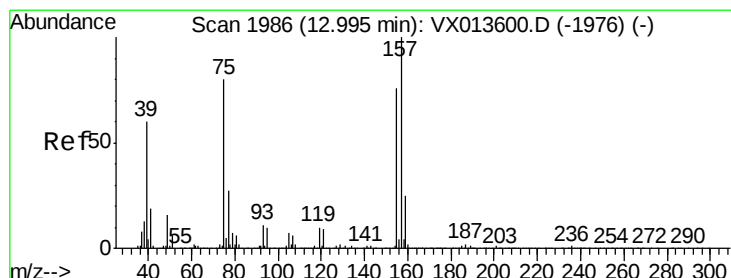
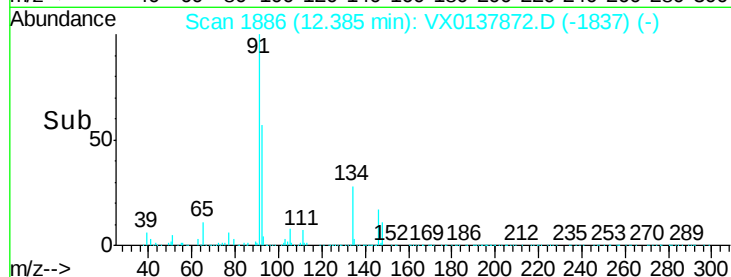
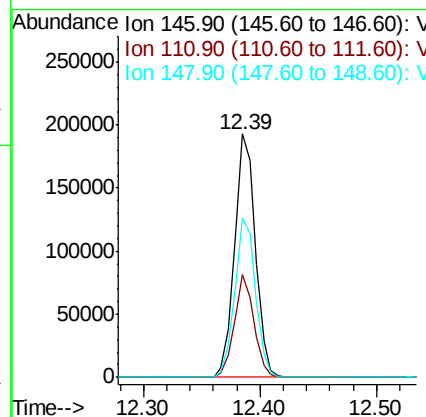
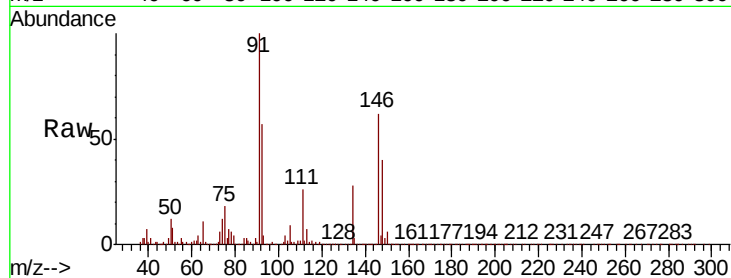
#91
 1,2-Dichlorobenzene
 Concen: 19.226 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX0137872.D
 Acq: 10 Dec 2019 00:20

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Resp	Lower	Upper
146	100	240892		
111	39.4	19.6	58.7	
148	65.4	31.9	95.7	

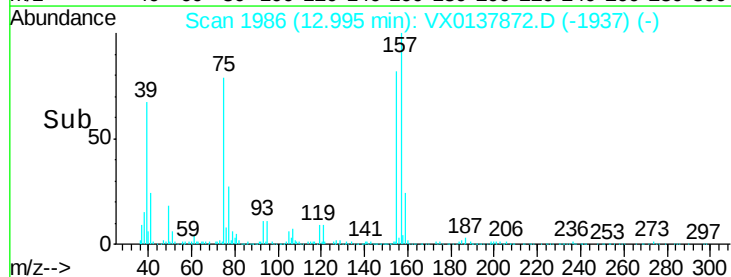
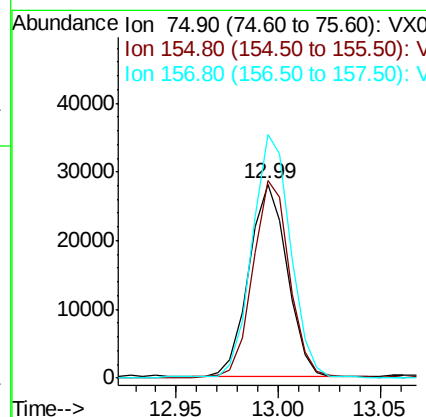
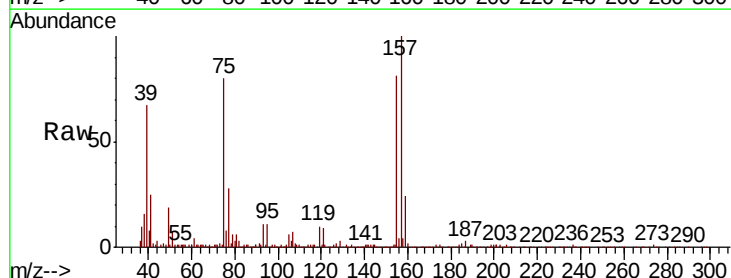
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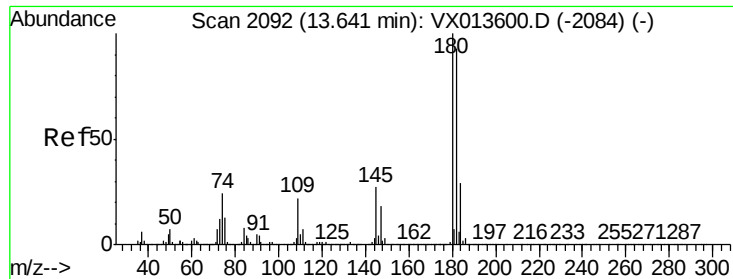
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.873 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX0137872.D
 Acq: 10 Dec 2019 00:20

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	36348		
155	100.3	47.6	142.8	
157	129.5	62.1	186.2	





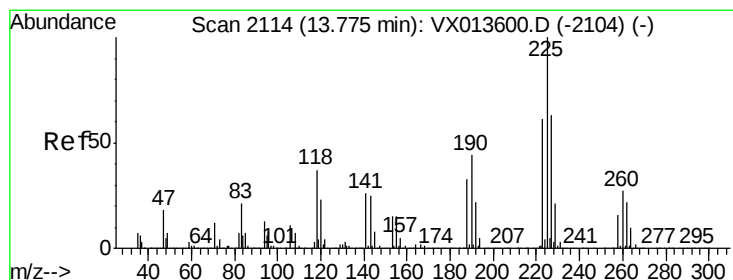
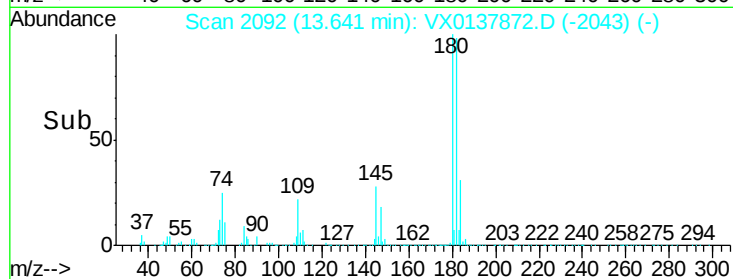
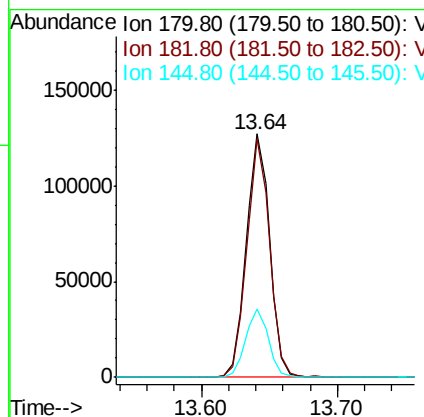
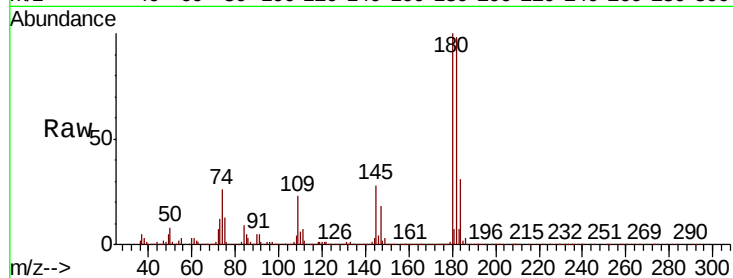
#93
1,2,4-Trichlorobenzene
Concen: 17.463 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. -0.00 min
Lab File: VX0137872.D
Acq: 10 Dec 2019 00:20

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Resp	Lower	Upper
180	100	152495		
182	95.9	47.2	141.6	
145	27.5	13.8	41.4	

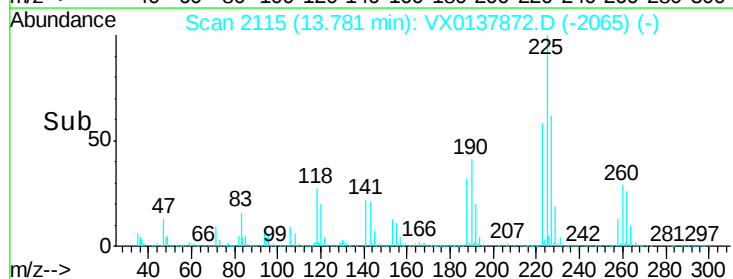
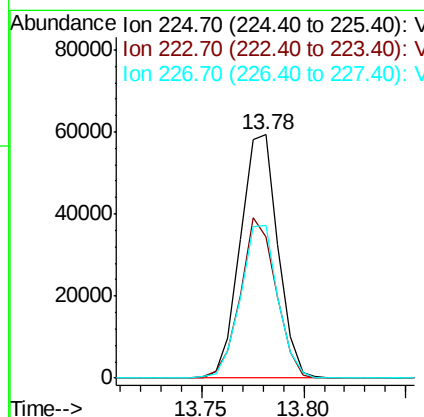
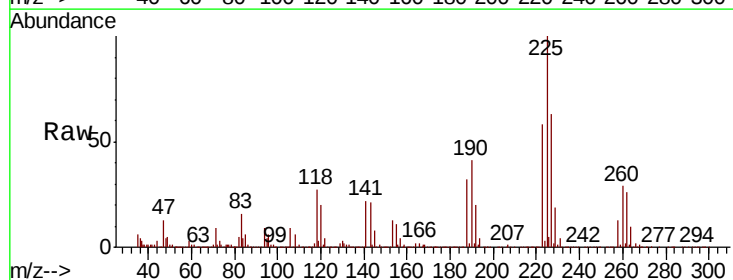
Manual Integrations
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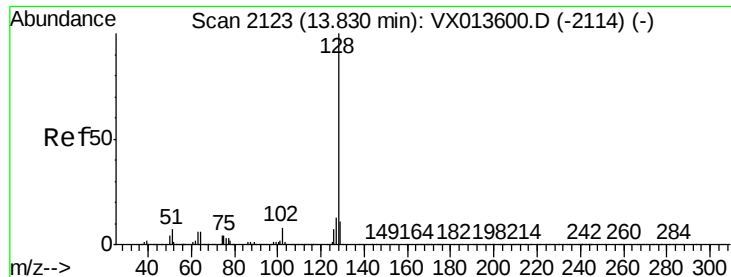
apatel
12/10/2019 11:20:46 AM



#94
Hexachlorobutadiene
Concen: 18.123 ug/l
RT: 13.78 min Scan# 2115
Delta R.T. 0.01 min
Lab File: VX0137872.D
Acq: 10 Dec 2019 00:20

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	76024		
223	62.6	31.9	95.5	
227	62.0	32.1	96.3	





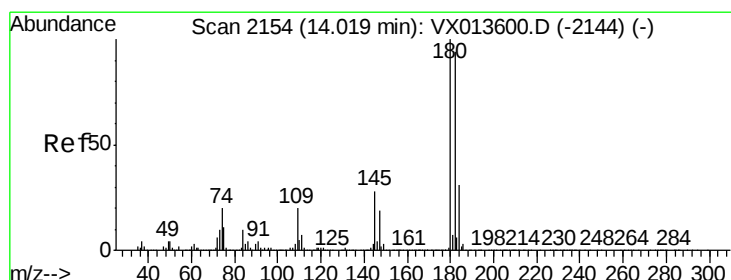
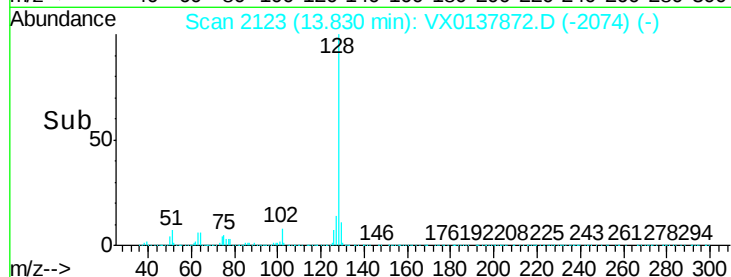
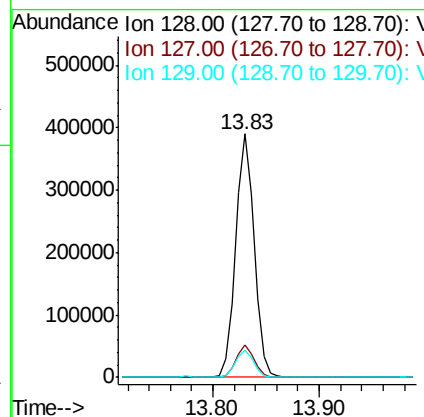
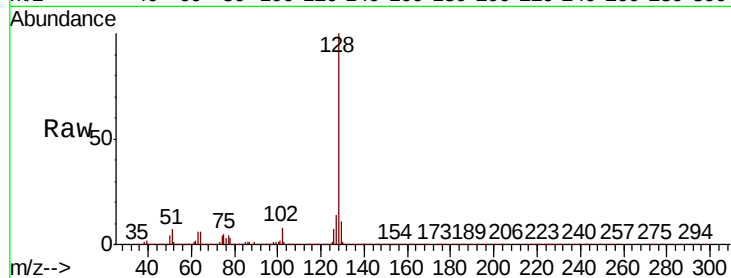
#95
Naphthalene
Concen: 18.315 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX0137872.D
Acq: 10 Dec 2019 00:20

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Resp	Lower	Upper
128	100	476273		
127	13.0		10.3	15.5
129	10.9		8.7	13.1

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 18.318 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.01 min
Lab File: VX0137872.D
Acq: 10 Dec 2019 00:20

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	158373		
182	94.5		47.6	142.8
145	30.4		15.0	45.0

