

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120919\
 Data File : VX013873.D
 Acq On : 10 Dec 2019 00:44
 Operator : JC/SP
 Sample : VX1209WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1209WBSD02

Manual Integrations
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 12/11/2019 8:54:52 AM

Quant Time: Dec 10 05:44:47 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	561620	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	872535	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	782824	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	371334	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	294036	45.10	ug/l	0.00
Spiked Amount 50.000			Recovery =	90.20%		
35) Dibromofluoromethane	5.49	113	246104	45.62	ug/l	0.00
Spiked Amount 50.000			Recovery =	91.24%		
50) Toluene-d8	8.71	98	929283	44.22	ug/l	0.00
Spiked Amount 50.000			Recovery =	88.44%		
62) 4-Bromofluorobenzene	11.14	95	327424	43.20	ug/l	0.00
Spiked Amount 50.000			Recovery =	86.40%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	114054	18.245	ug/l	99
3) Chloromethane	1.32	50	132142	18.839	ug/l	100
4) Vinyl Chloride	1.40	62	151484	19.188	ug/l	100
5) Bromomethane	1.63	94	95918	18.091	ug/l	99
6) Chloroethane	1.72	64	84755	18.866	ug/l	99
7) Trichlorofluoromethane	1.92	101	165935	18.929	ug/l	98
8) Diethyl Ether	2.18	74	79268	19.987	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	100904	18.844	ug/l	99
10) Methyl Iodide	2.50	142	110279	17.026	ug/l	100
11) Tert butyl alcohol	3.03	59	152796	94.955	ug/l	99
12) 1,1-Dichloroethene	2.36	96	99396	18.597	ug/l	96
13) Acrolein	2.28	56	91334	88.837	ug/l	99
14) Allyl chloride	2.72	41	180760	18.636	ug/l	100
15) Acrylonitrile	3.13	53	328892	99.018	ug/l	99
16) Acetone	2.43	43	315544	98.038	ug/l	100
17) Carbon Disulfide	2.56	76	253841	16.660	ug/l	99
18) Methyl Acetate	2.76	43	188969	21.084	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	354169	20.003	ug/l	99
20) Methylene Chloride	2.85	84	122718	19.846	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	106462	18.284	ug/l	97
22) Diisopropyl ether	3.84	45	379857	20.339	ug/l	94
23) Vinyl Acetate	3.80	43	1440880	92.739	ug/l	98
24) 1,1-Dichloroethane	3.69	63	203776	19.959	ug/l	99
25) 2-Butanone	4.66	43	468325	97.906	ug/l	100
26) 2,2-Dichloropropane	4.58	77	124468	14.735	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	126918	18.981	ug/l	99
28) Bromochloromethane	5.01	49	81951	20.304	ug/l	98
29) Tetrahydrofuran	5.12	42	300219	101.809	ug/l	100
30) Chloroform	5.20	83	197663	19.090	ug/l	98
31) Cyclohexane	5.57	56	178783	18.565	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	165541	19.132	ug/l	99
36) 1,1-Dichloropropene	5.79	75	144404	18.232	ug/l	100
37) Ethyl Acetate	4.82	43	174369	19.624	ug/l	99
38) Carbon Tetrachloride	5.78	117	137023	18.762	ug/l	96

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 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)
39) Methylcyclohexane	7.46	83	170955	17.462	ug/l	100
40) Benzene	6.14	78	464697	19.264	ug/l	99
41) Methacrylonitrile	5.03	41	99474	20.413	ug/l	97
42) 1,2-Dichloroethane	6.18	62	162776	19.786	ug/l	100
43) Isopropyl Acetate	6.43	43	283001	19.346	ug/l	99
44) Trichloroethene	7.21	130	124397	18.790	ug/l	94
45) 1,2-Dichloropropane	7.51	63	121267	20.092	ug/l	100
46) Dibromomethane	7.65	93	76778	18.730	ug/l	100
47) Bromodichloromethane	7.89	83	147233	18.999	ug/l	99
48) Methyl methacrylate	7.76	41	140384	19.751	ug/l	100
49) 1,4-Dioxane	7.73	88	55522	348.987	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	915919	99.539	ug/l	99
52) Toluene	8.78	92	285064	19.022	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	151737	17.203	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	174345	18.092	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	119976	19.866	ug/l	99
56) Ethyl methacrylate	9.17	69	182390	18.785	ug/l	99
57) 1,3-Dichloropropane	9.37	76	204679	19.663	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	356367	93.613	ug/l	99
59) 2-Hexanone	9.49	43	691278	96.325	ug/l	99
60) Dibromochloromethane	9.58	129	120733	19.264	ug/l	99
61) 1,2-Dibromoethane	9.67	107	121482	18.834	ug/l	98
64) Tetrachloroethene	9.33	164	137158	23.495	ug/l	98
65) Chlorobenzene	10.14	112	305545	18.799	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	112748	19.318	ug/l	98
67) Ethyl Benzene	10.25	91	534874	19.151	ug/l	100
68) m/p-Xylenes	10.35	106	409700	38.316	ug/l	98
69) o-Xylene	10.70	106	200379	19.214	ug/l	99
70) Styrene	10.71	104	333742	19.025	ug/l	99
71) Bromoform	10.85	173	89125	18.456	ug/l #	100
73) Isopropylbenzene	11.01	105	524584	20.139	ug/l	99
74) N-amyl acetate	10.89	43	233932	19.605	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	184810	20.459	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	172328m	20.633	ug/l	
77) Bromobenzene	11.25	156	138668	19.706	ug/l	99
78) n-propylbenzene	11.35	91	578031	19.879	ug/l	100
79) 2-Chlorotoluene	11.42	91	347563	19.926	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	429330	20.111	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	49893	16.343	ug/l	91
82) 4-Chlorotoluene	11.51	91	397460	19.674	ug/l	100
83) tert-Butylbenzene	11.77	119	417051	19.222	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	438417	20.235	ug/l	100
85) sec-Butylbenzene	11.94	105	495737	20.004	ug/l	99
86) p-Isopropyltoluene	12.06	119	451772	19.596	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	233320	19.021	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	234489	18.768	ug/l	97
89) n-Butylbenzene	12.38	91	368941	18.763	ug/l	100
90) Hexachloroethane	12.59	117	80518	19.322	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	240807	19.869	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	38572	19.608	ug/l	98

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD02

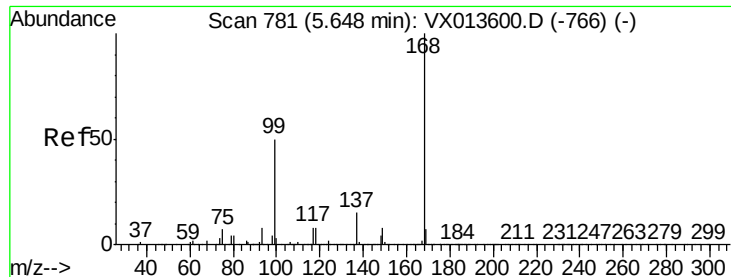
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	156136	18.485	ug/l	99
94) Hexachlorobutadiene	13.77	225	75575	18.626	ug/l	99
95) Naphthalene	13.83	128	482515	19.182	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	160573	19.200	ug/l	99

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



#1

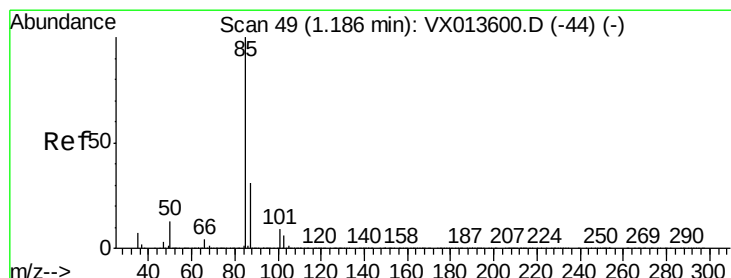
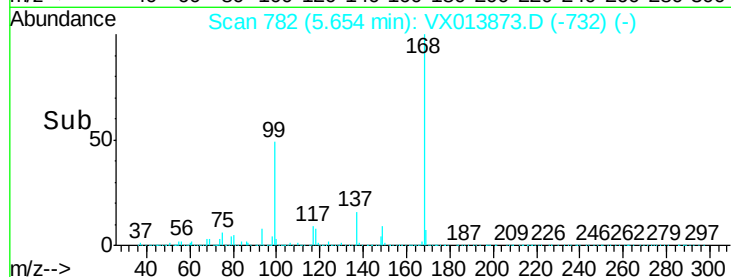
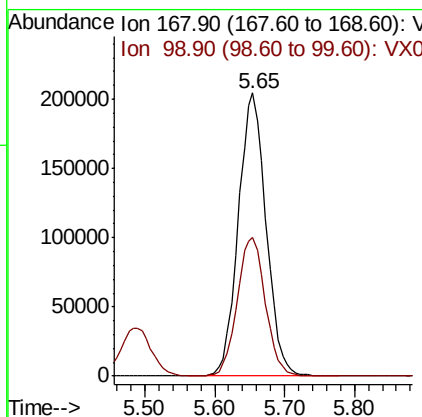
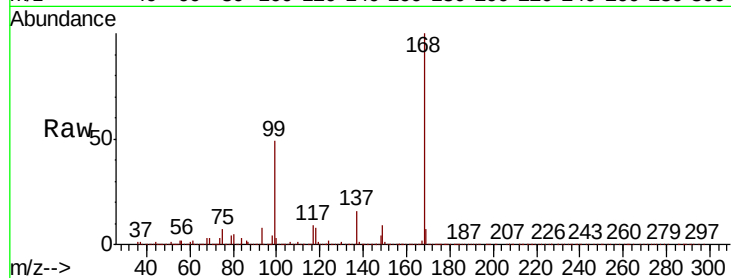
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. 0.01 min
 Lab File: VX013873.D
 Acq: 10 Dec 2019 00:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1209WBSD02

Tot Ion	Ratio	Lower	Upper
168	100		
99	49.0	39.8	59.8

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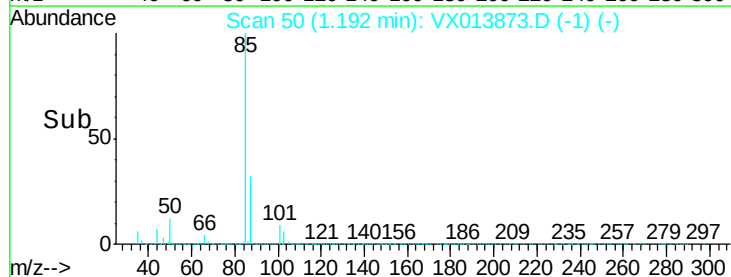
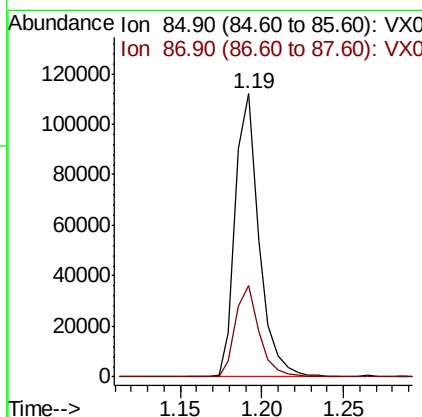
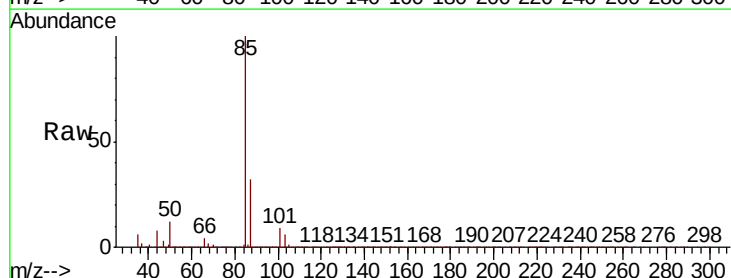
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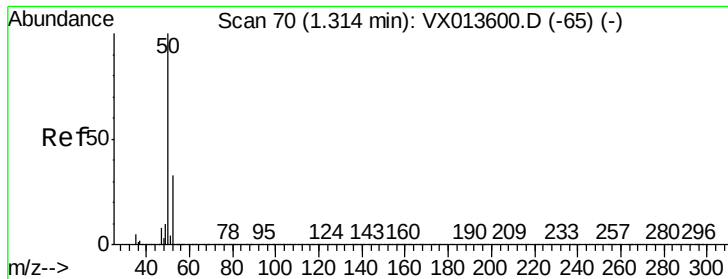


#2

Dichlorodifluoromethane
 Concen: 18.245 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.01 min
 Lab File: VX013873.D
 Acq: 10 Dec 2019 00:44

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.0	15.7	47.1





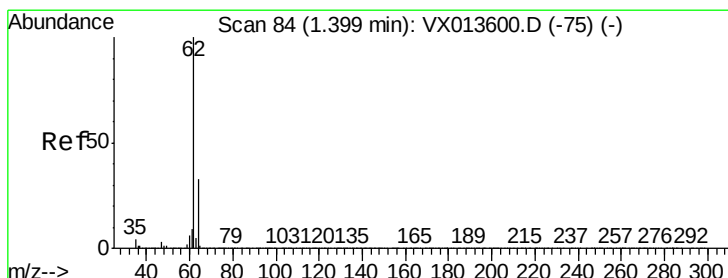
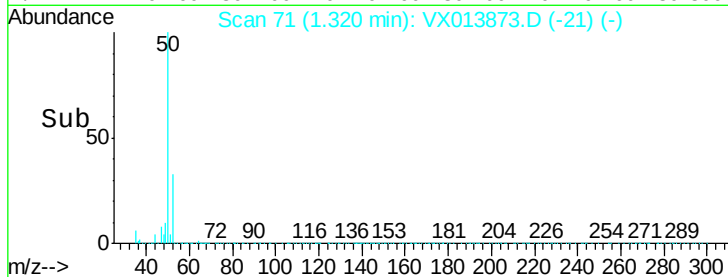
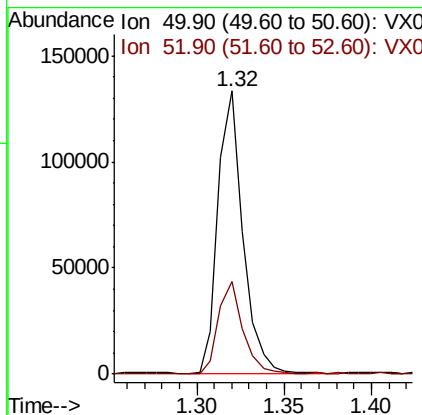
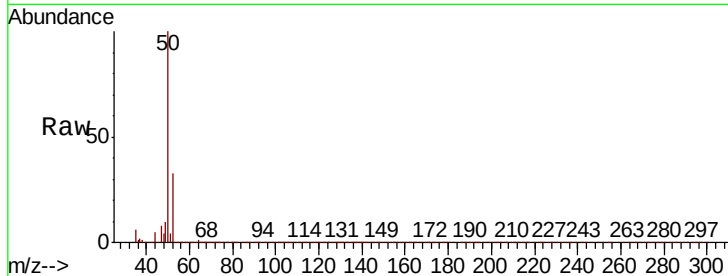
#3
Chloromethane
Concen: 18.839 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.01 min
Lab File: VX013873.D
Acq: 10 Dec 2019 00:44

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD02

Tot Ion	Ratio	Lower	Upper
50	100		
52	32.4	26.0	39.0

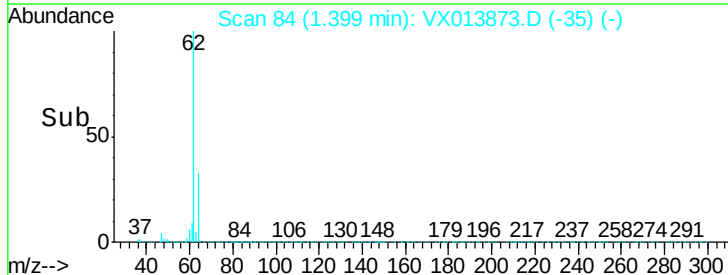
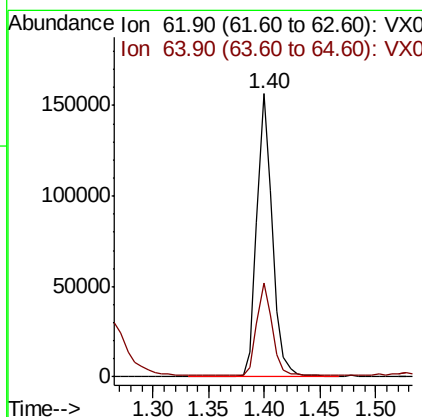
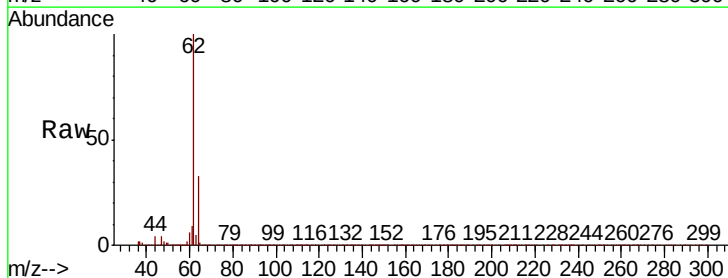
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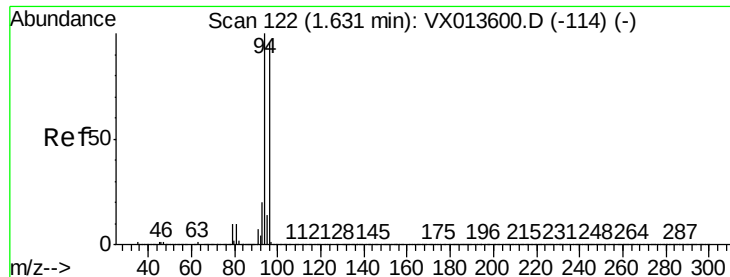
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#4
Vinyl Chloride
Concen: 19.188 ug/l
RT: 1.40 min Scan# 84
Delta R.T. -0.00 min
Lab File: VX013873.D
Acq: 10 Dec 2019 00:44

Tgt Ion	Ratio	Lower	Upper
62	100		
64	32.5	26.0	39.0





#5

Bromomethane

Concen: 18.091 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013873.D

Acq: 10 Dec 2019 00:44

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBSD02

Tot Ion: 94 Resp: 95918

Ion Ratio Lower Upper

94 100

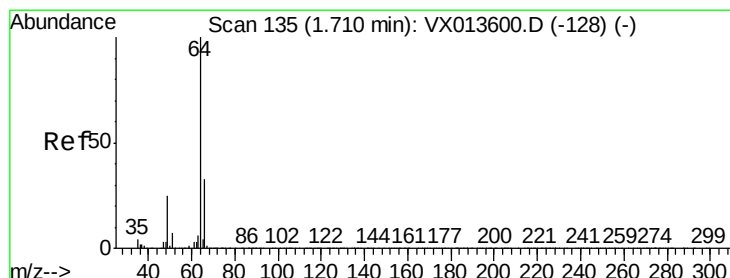
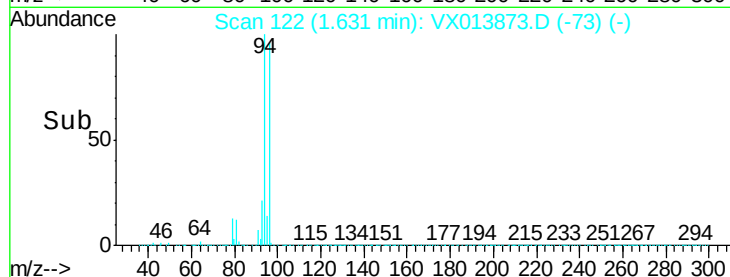
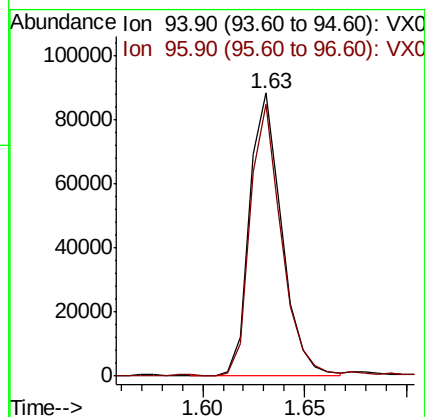
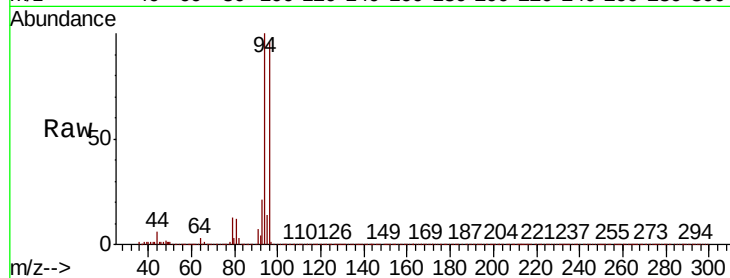
96 95.6 77.0 115.4

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#6

Chloroethane

Concen: 18.866 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013873.D

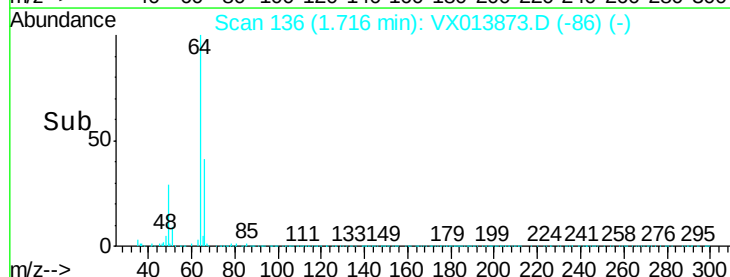
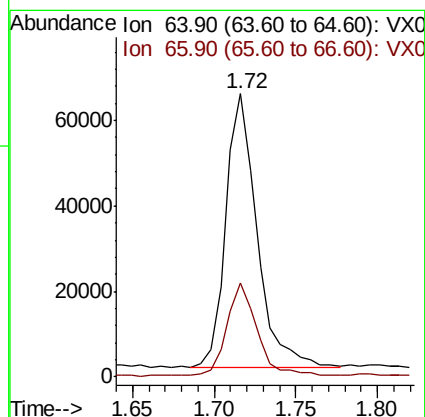
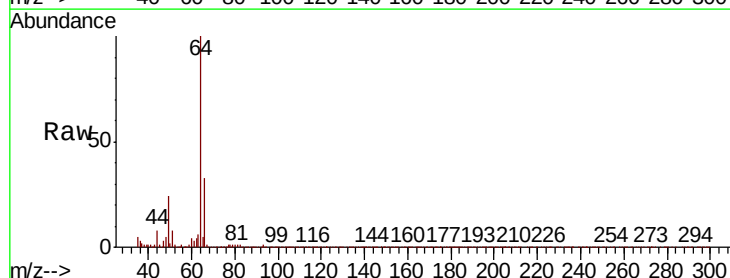
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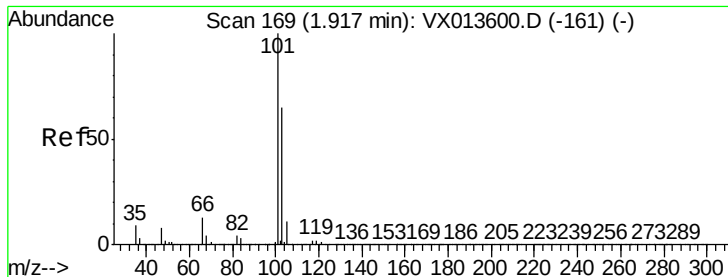
Tgt Ion: 64 Resp: 84755

Ion Ratio Lower Upper

64 100

66 34.0 26.7 40.1





#7

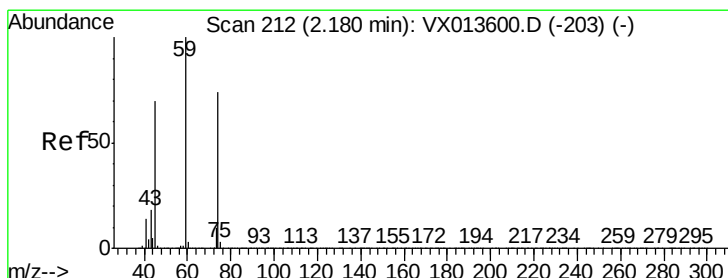
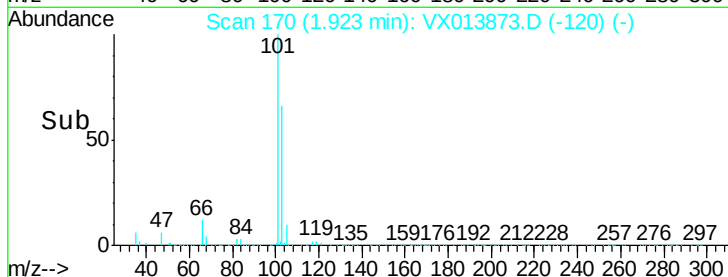
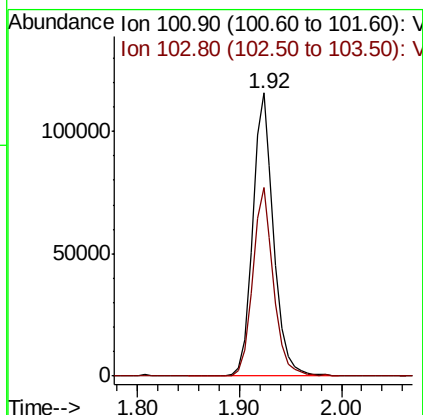
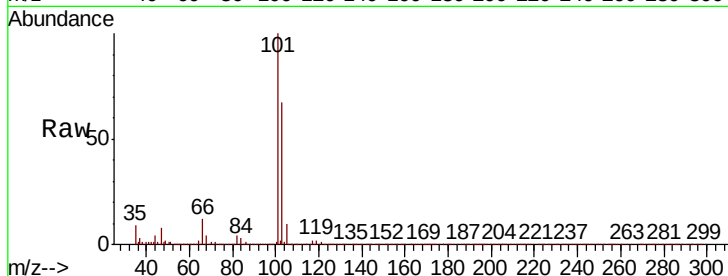
Trichlorofluoromethane
Concen: 18.929 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX013873.D
Acq: 10 Dec 2019 00:44

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD02

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.4	51.8	77.6

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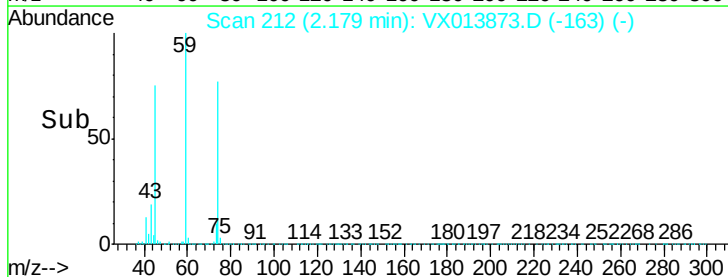
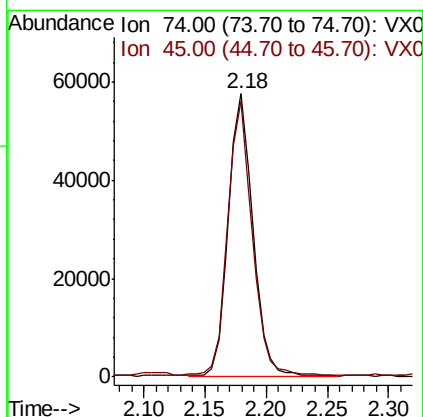
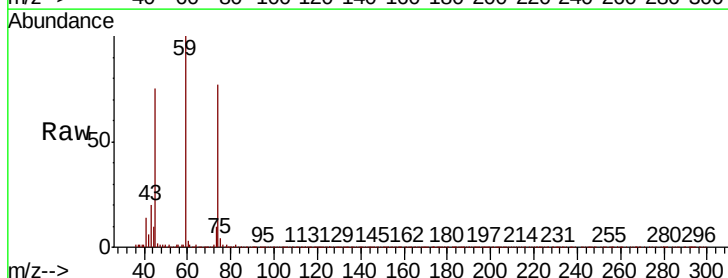
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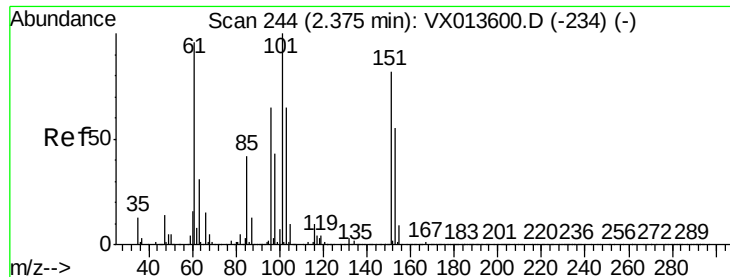


#8

Diethyl Ether
Concen: 19.987 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX013873.D
Acq: 10 Dec 2019 00:44

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.6	48.9	146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.844 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX013873.D

Acq: 10 Dec 2019 00:44

Instrument :

MSVOA_X

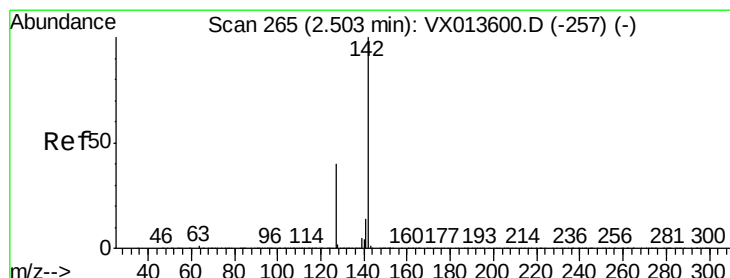
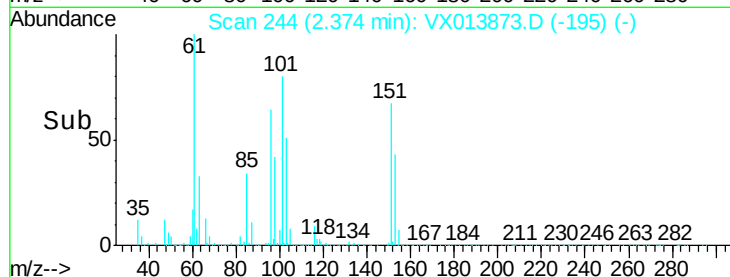
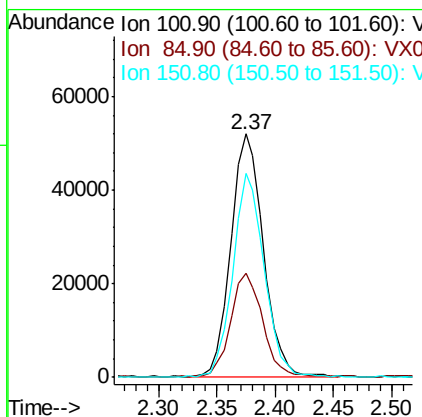
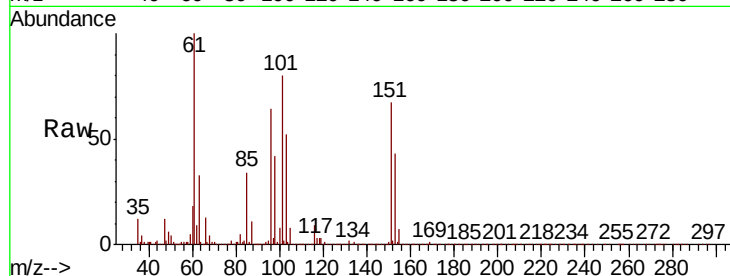
ClientSampleId :

VX1209WBSD02

Tot Ion:	101	Resp:	100904
Ion Ratio	Lower	Upper	
101	100		
85	42.4	33.9	50.9
151	81.6	64.2	96.2

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#10

Methyl Iodide

Concen: 17.026 ug/l

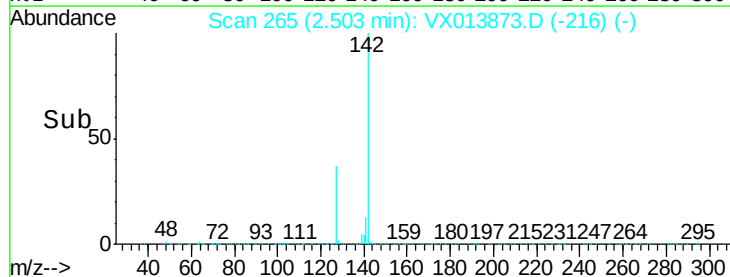
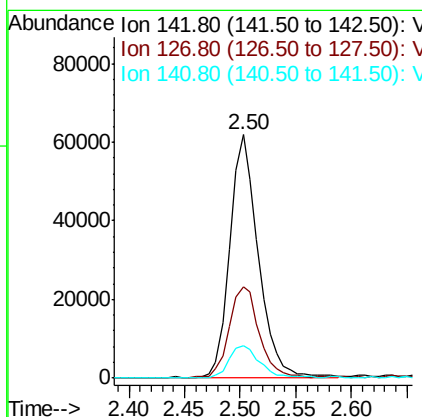
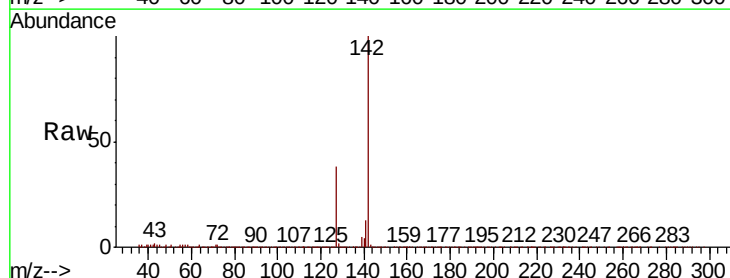
RT: 2.50 min Scan# 265

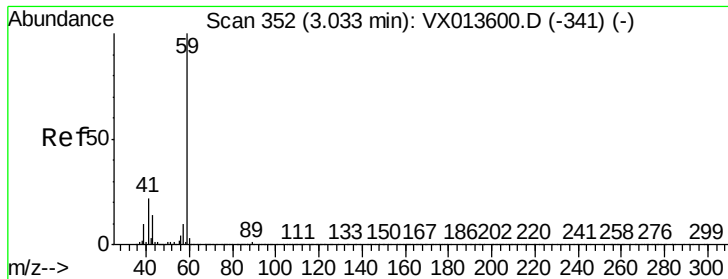
Delta R.T. -0.00 min

Lab File: VX013873.D

Acq: 10 Dec 2019 00:44

Tgt Ion:	142	Resp:	110279
Ion Ratio	Lower	Upper	
142	100		
127	38.7	31.0	46.4
141	14.1	11.6	17.4





#11

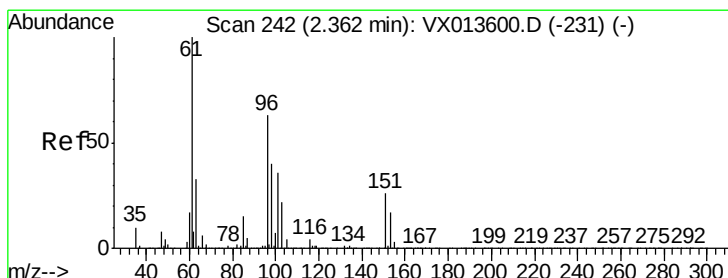
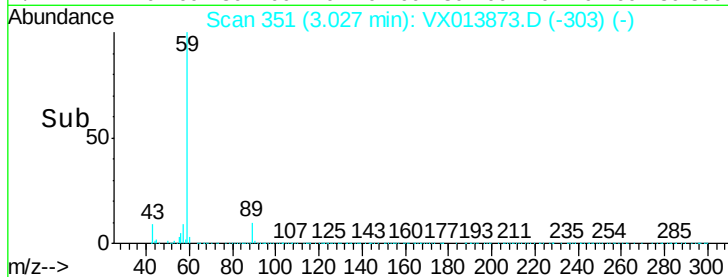
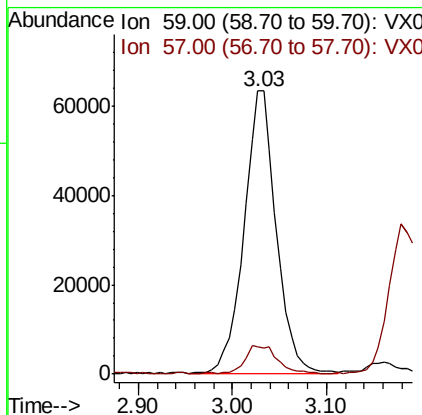
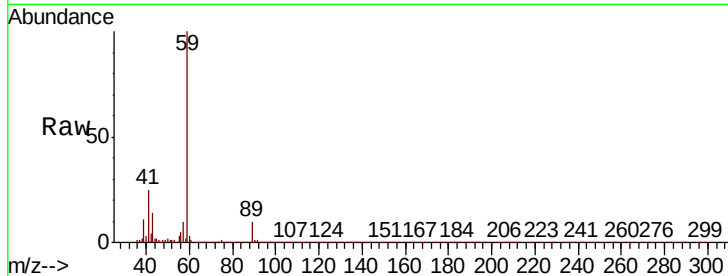
Tert butyl alcohol
Concen: 94.955 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX013873.D
Acq: 10 Dec 2019 00:44

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD02

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.3	7.8	11.6

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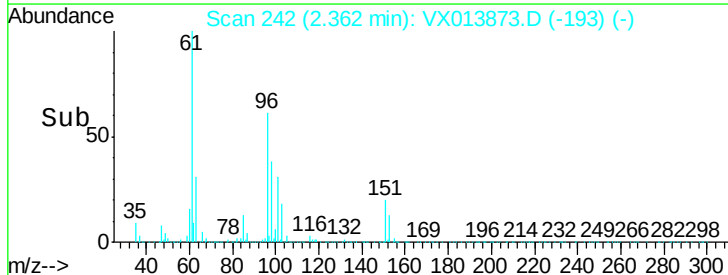
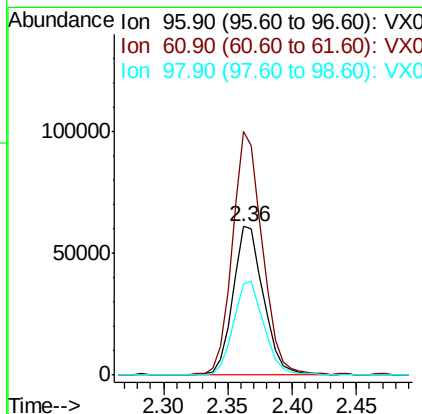
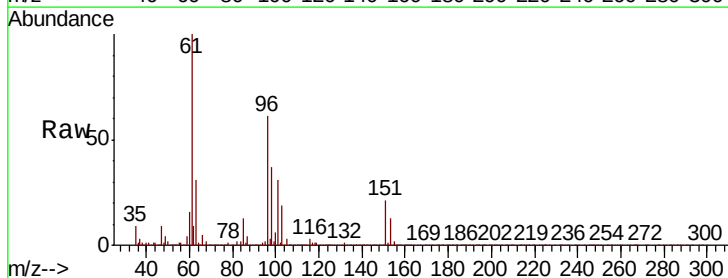
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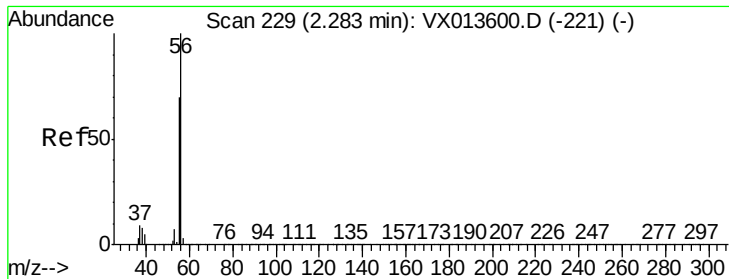


#12

1,1-Dichloroethene
Concen: 18.597 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013873.D
Acq: 10 Dec 2019 00:44

Tgt Ion	Ratio	Lower	Upper
96	100		
61	164.2	126.6	190.0
98	61.4	50.6	76.0





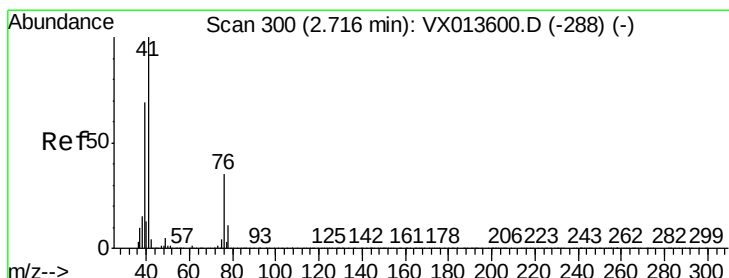
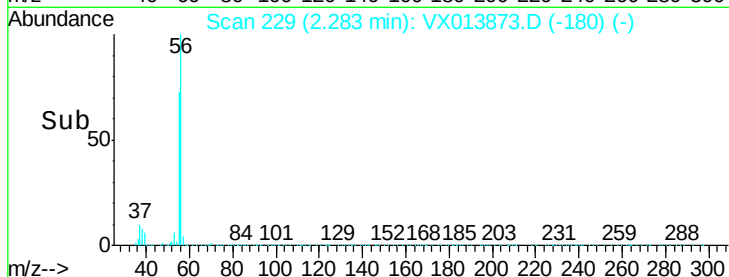
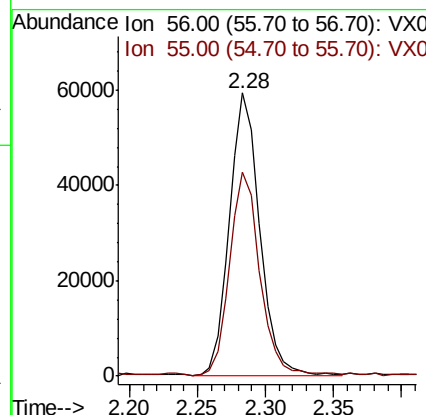
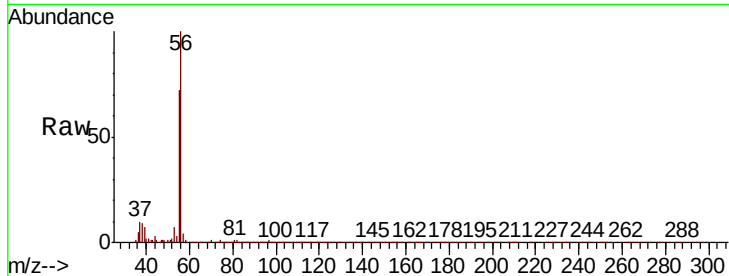
#13
Acrolein
Concen: 88.837 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX013873.D
Acq: 10 Dec 2019 00:44

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD02

Tot Ion	Ratio	Lower	Upper
56	100		
55	71.3	56.2	84.4

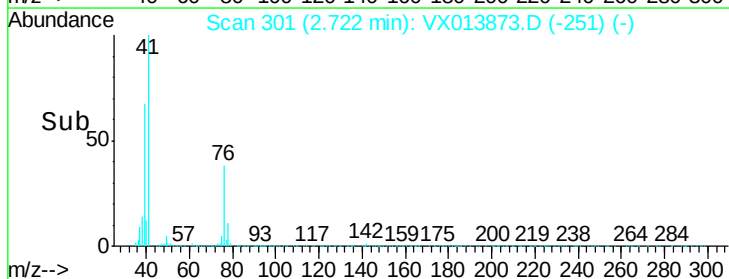
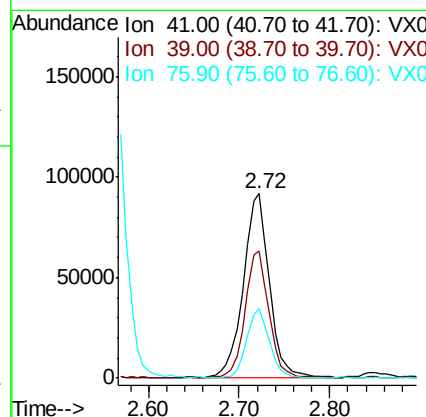
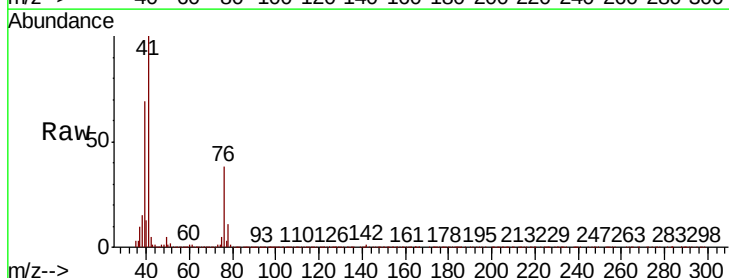
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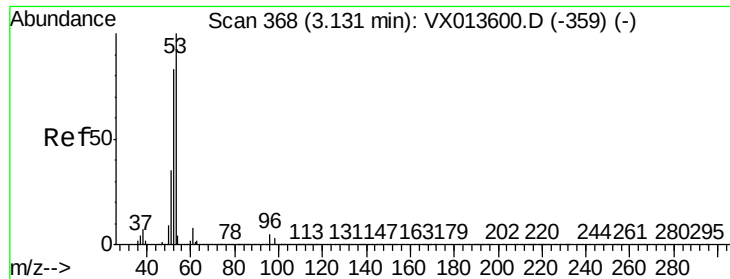
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#14
Allyl chloride
Concen: 18.636 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.01 min
Lab File: VX013873.D
Acq: 10 Dec 2019 00:44

Tgt Ion	Ratio	Lower	Upper
41	100		
39	64.4	51.7	77.5
76	32.7	25.9	38.9





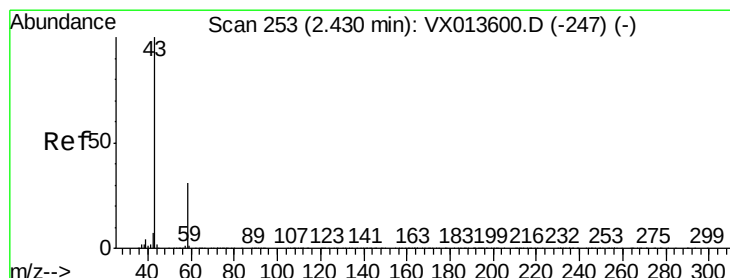
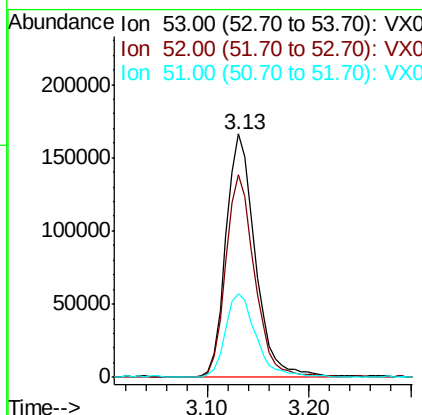
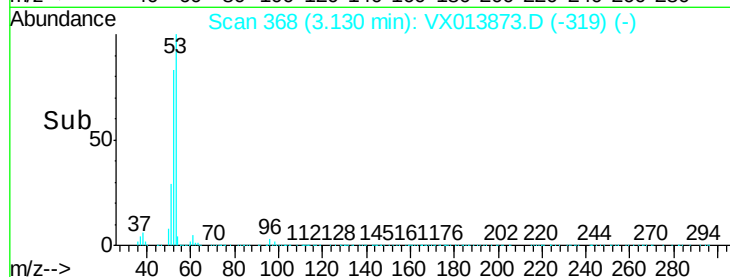
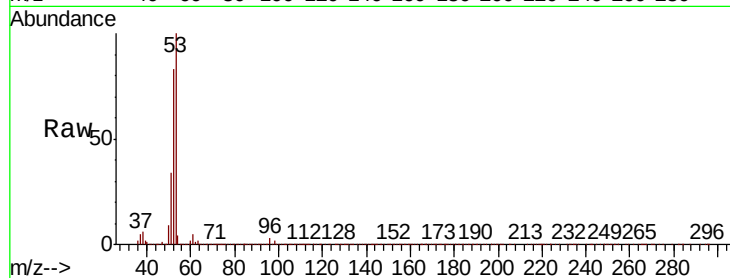
#15
Acrylonitrile
Concen: 99.018 ug/l
RT: 3.13 min Scan# 368
Delta R.T. -0.00 min
Lab File: VX013873.D
Acq: 10 Dec 2019 00:44

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD02

Tot Ion:	53	Resp:	328892
Ion	Ratio	Lower	Upper
53	100		
52	82.2	66.2	99.2
51	35.9	29.0	43.6

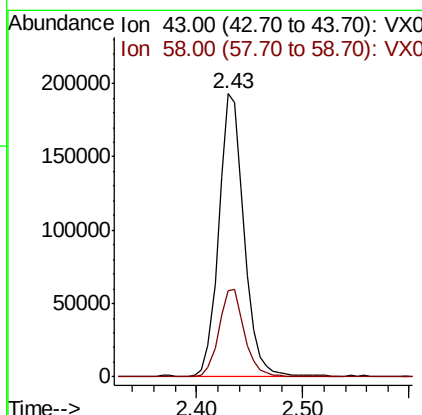
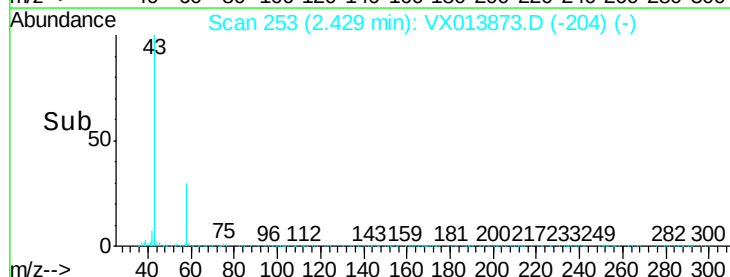
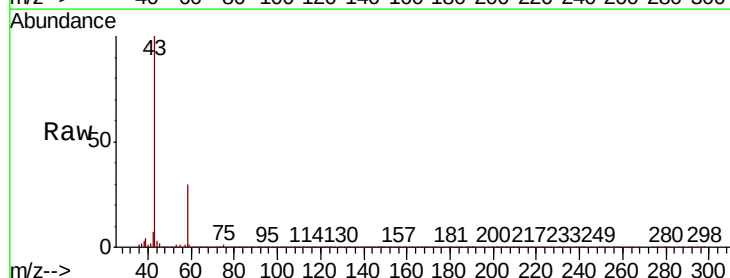
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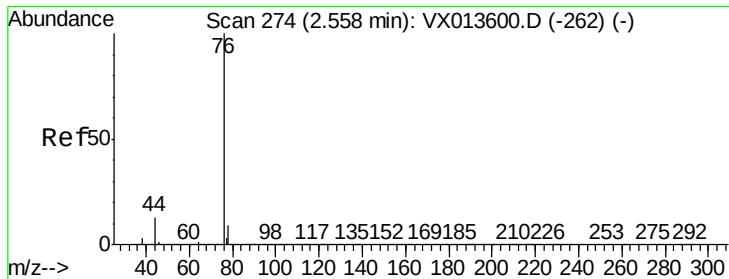
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#16
Acetone
Concen: 98.038 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.00 min
Lab File: VX013873.D
Acq: 10 Dec 2019 00:44

Tgt Ion:	43	Resp:	315544
Ion	Ratio	Lower	Upper
43	100		
58	30.5	24.6	36.8





#17

Carbon Disulfide

Concen: 16.660 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX013873.D

Acq: 10 Dec 2019 00:44

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBSD02

Tot Ion: 76 Resp: 253841

Ion Ratio Lower Upper

76 100

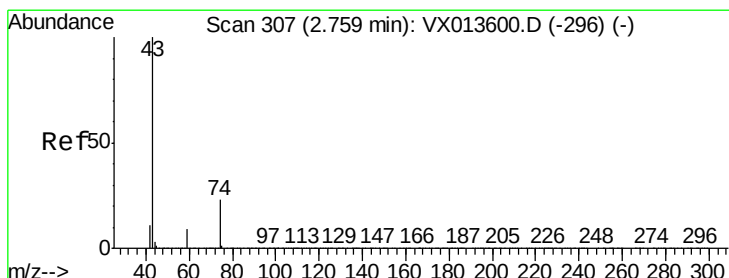
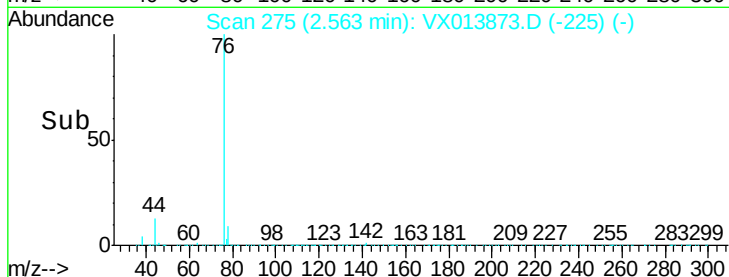
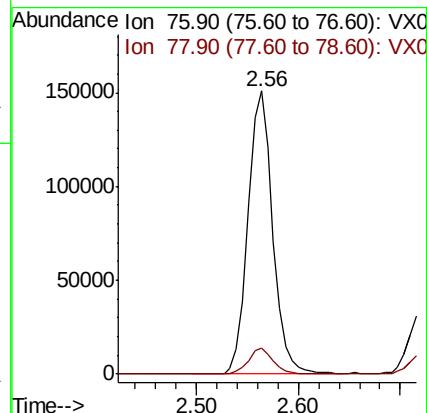
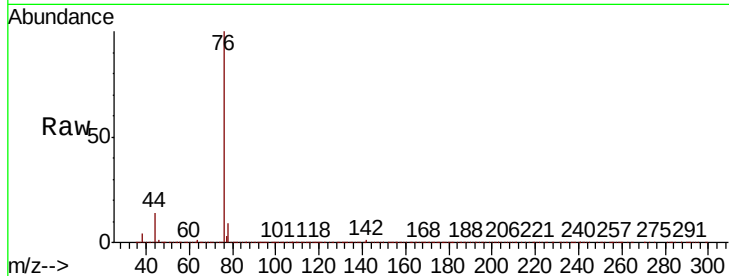
78 9.2 7.2 10.8

Manual Integrations

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#18

Methyl Acetate

Concen: 21.084 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.01 min

Lab File: VX013873.D

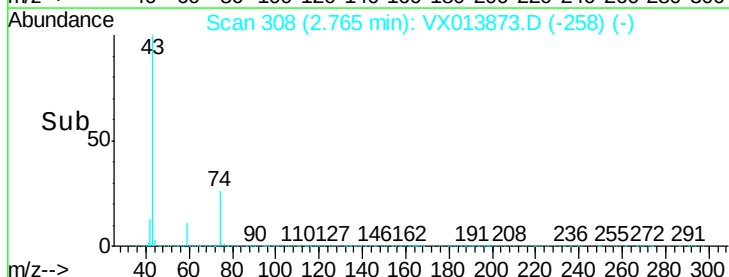
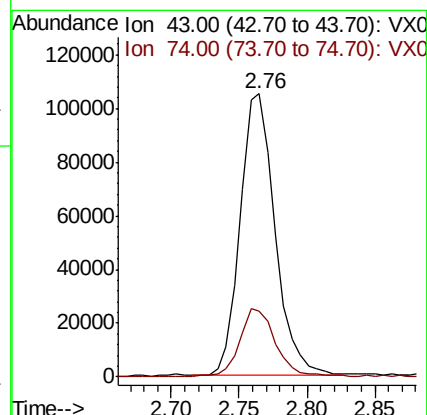
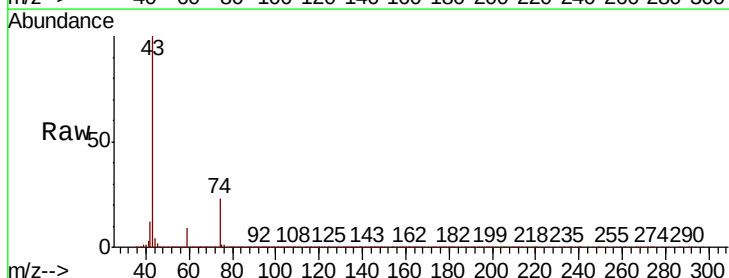
Acq: 10 Dec 2019 00:44

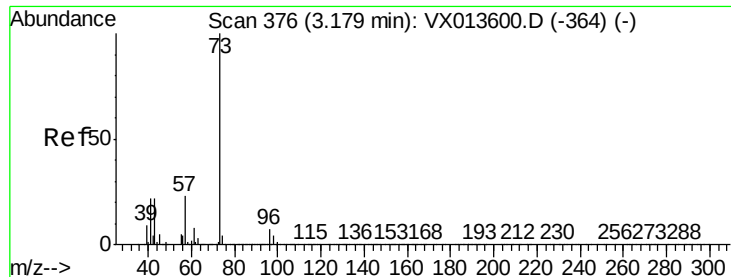
Tgt Ion: 43 Resp: 188969

Ion Ratio Lower Upper

43 100

74 24.4 19.5 29.3





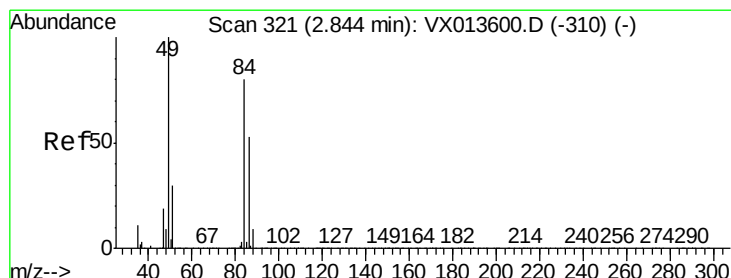
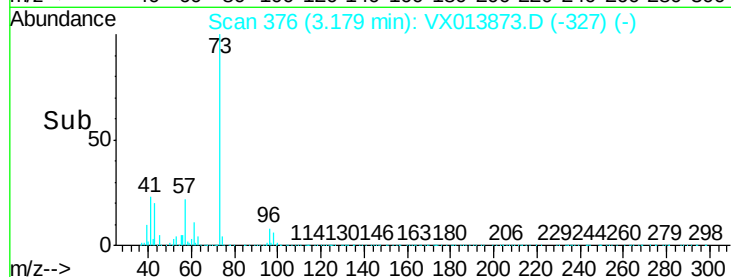
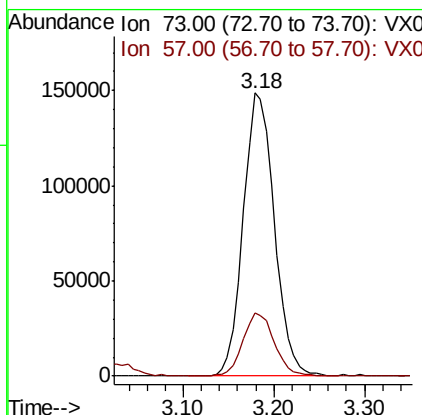
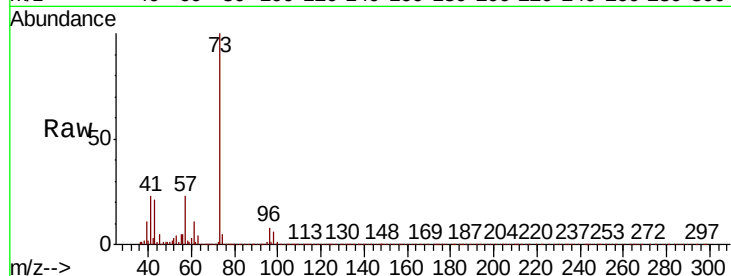
#19
Methyl tert-butyl Ether
Concen: 20.003 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX013873.D
Acq: 10 Dec 2019 00:44

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD02

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.4	18.3	27.5

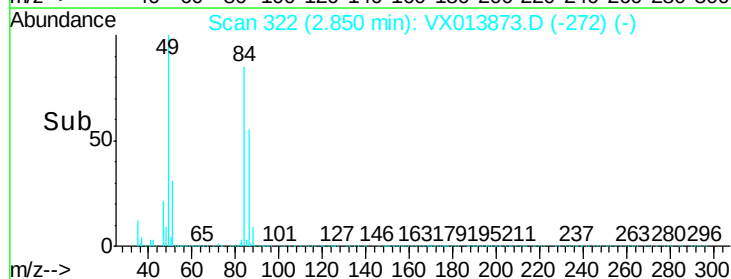
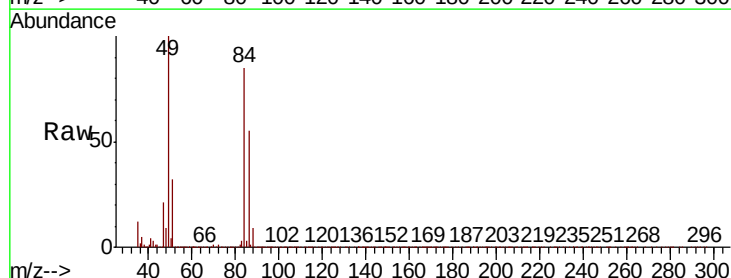
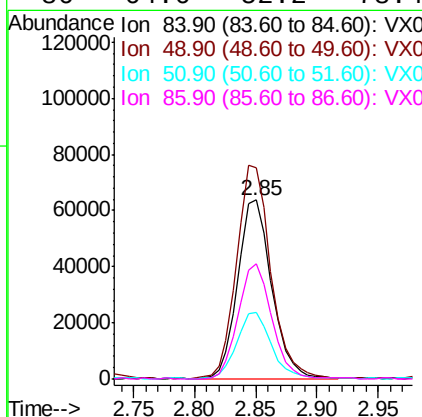
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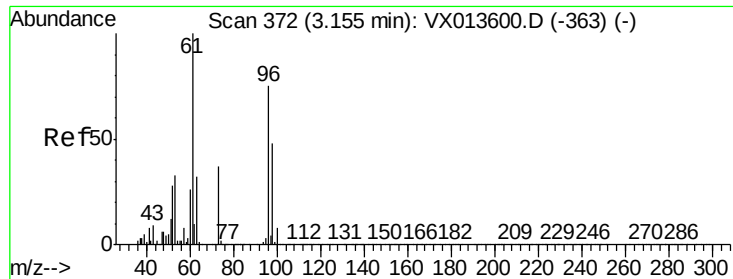
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#20
Methylene Chloride
Concen: 19.846 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013873.D
Acq: 10 Dec 2019 00:44

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.3	99.7	149.5
51	37.2	29.9	44.9
86	64.6	52.2	78.4





#21

trans-1,2-Dichloroethene

Concen: 18.284 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013873.D

Acq: 10 Dec 2019 00:44

Instrument :

MSVOA_X

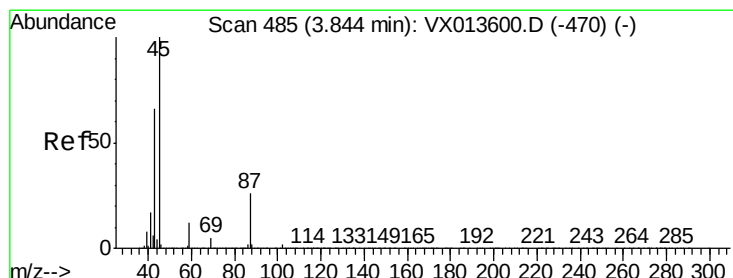
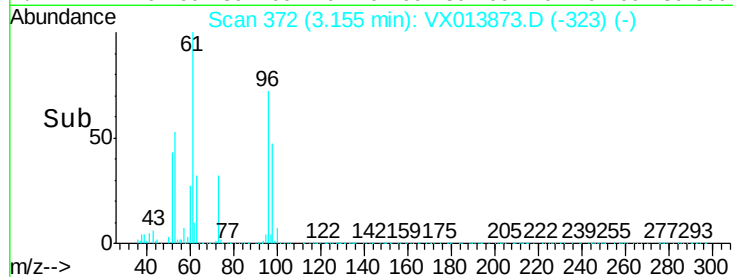
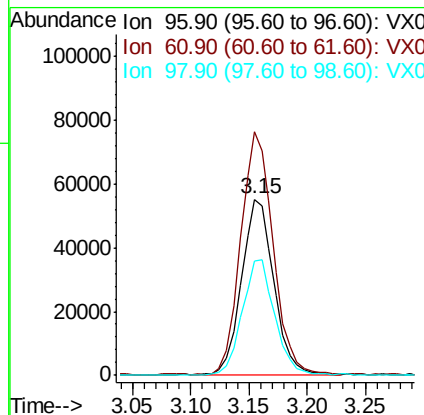
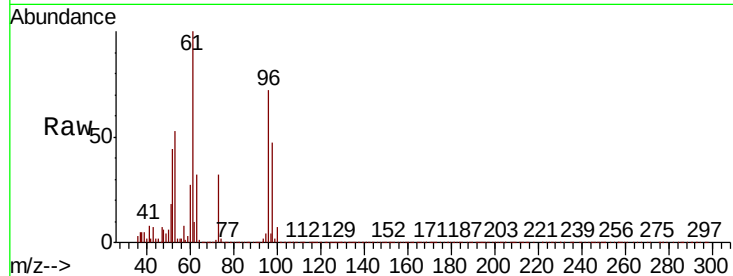
ClientSampleId :

VX1209WBSD02

Tot Ion:	96	Resp:	106462
Ion	Ratio	Lower	Upper
96	100		
61	138.8	107.2	160.8
98	64.7	51.4	77.0

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#22

Diisopropyl ether

Concen: 20.339 ug/l

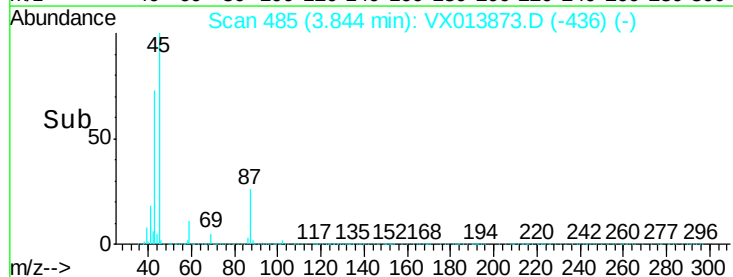
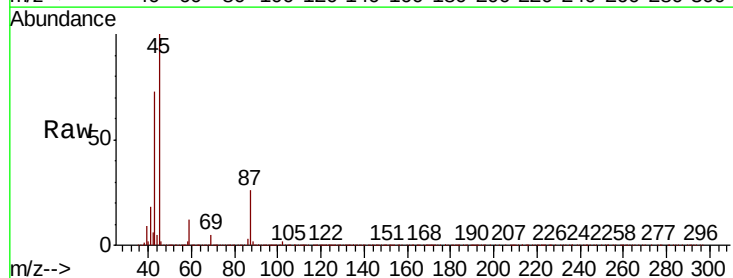
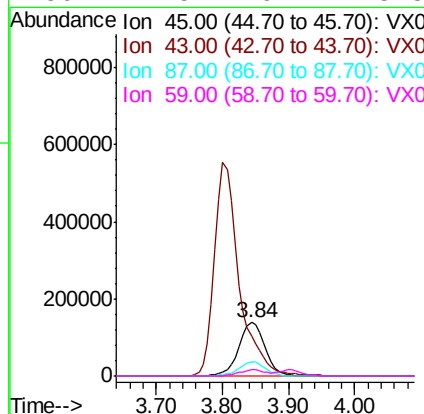
RT: 3.84 min Scan# 485

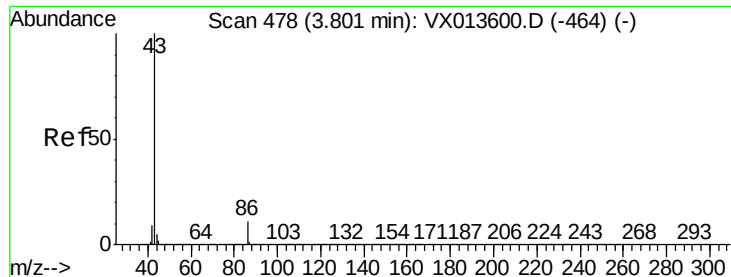
Delta R.T. -0.00 min

Lab File: VX013873.D

Acq: 10 Dec 2019 00:44

Tgt Ion:	45	Resp:	379857
Ion	Ratio	Lower	Upper
45	100		
43	72.5	52.6	79.0
87	26.1	21.1	31.7
59	11.5	9.2	13.8





#23

Vinyl Acetate

Concen: 92.739 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013873.D

Acq: 10 Dec 2019 00:44

Tot Ion: 43 Resp: 1440880

Ion Ratio Lower Upper

43 100

86 10.3 8.7 13.1

Instrument :

MSVOA_X

ClientSampleId :

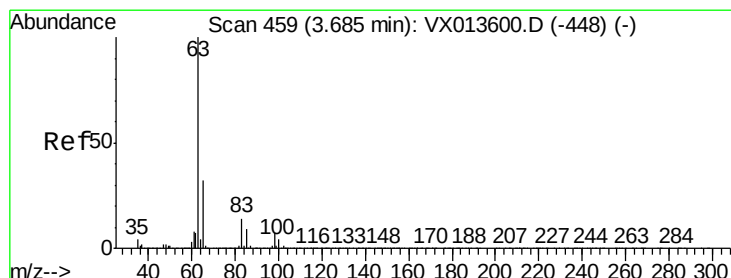
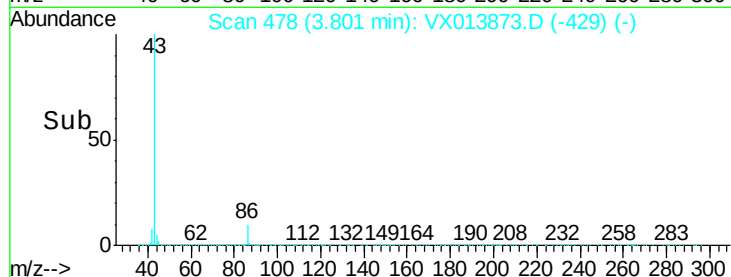
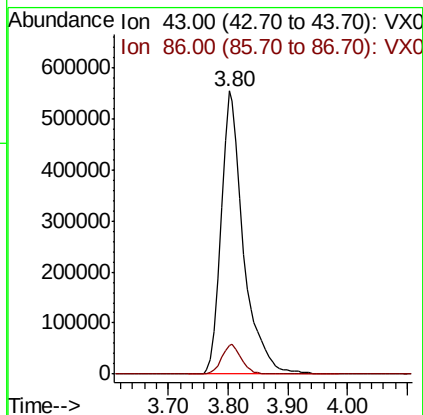
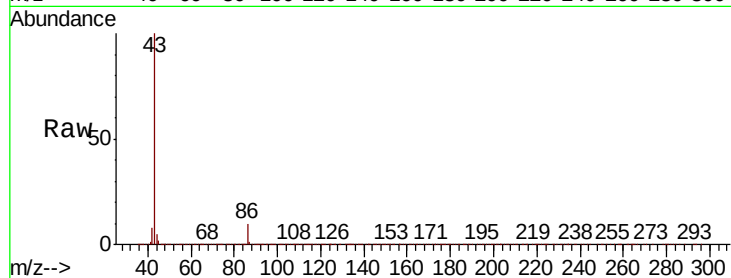
VX1209WBSD02

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#24

1,1-Dichloroethane

Concen: 19.959 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013873.D

Acq: 10 Dec 2019 00:44

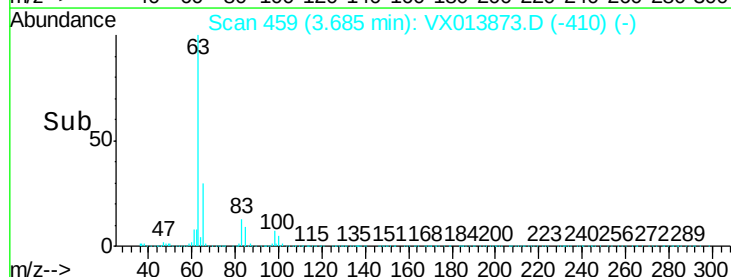
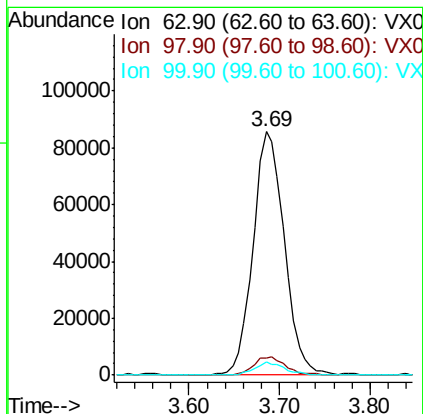
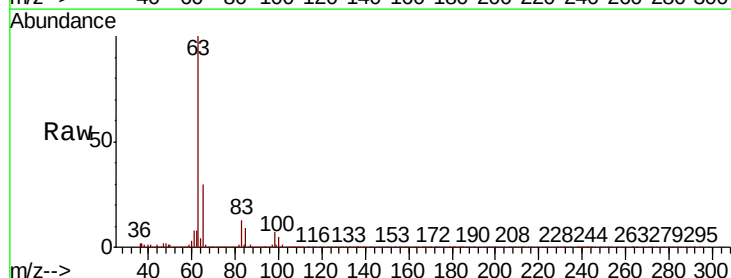
Tgt Ion: 63 Resp: 203776

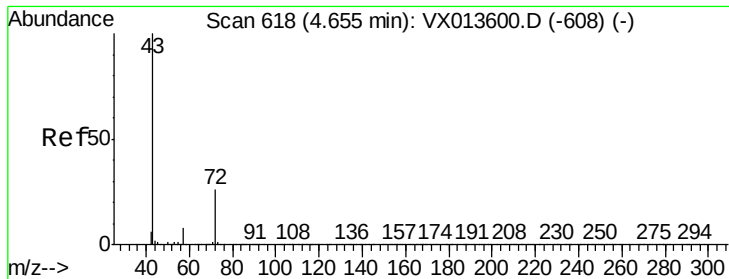
Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.4

100 4.9 2.1 6.3





#25

2-Butanone

Concen: 97.906 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX013873.D

Acq: 10 Dec 2019 00:44

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBSD02

Tot Ion: 43 Resp: 468325

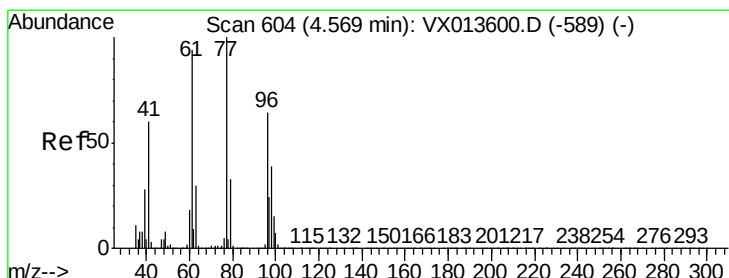
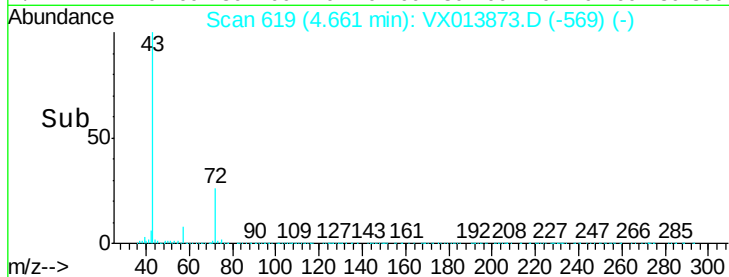
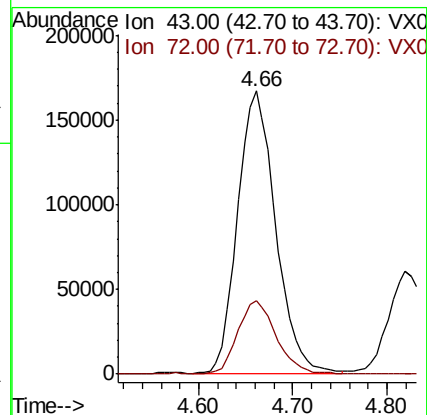
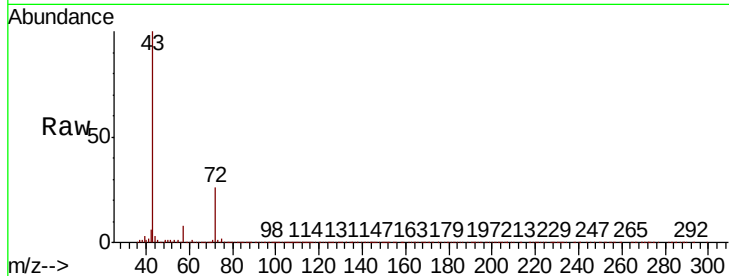
Ion Ratio Lower Upper

43 100

72 25.9 20.6 31.0

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#26

2,2-Dichloropropane

Concen: 14.735 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX013873.D

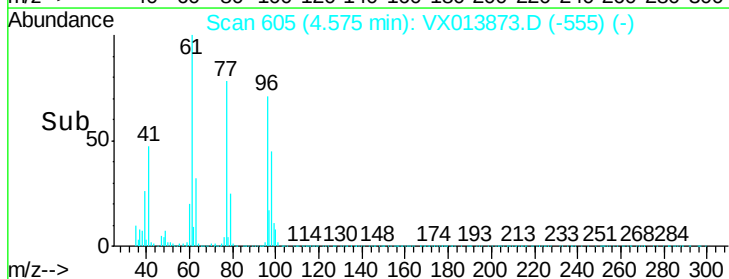
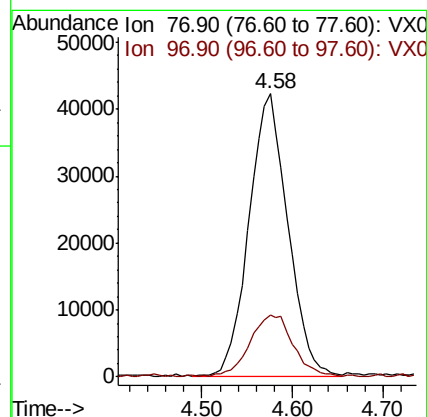
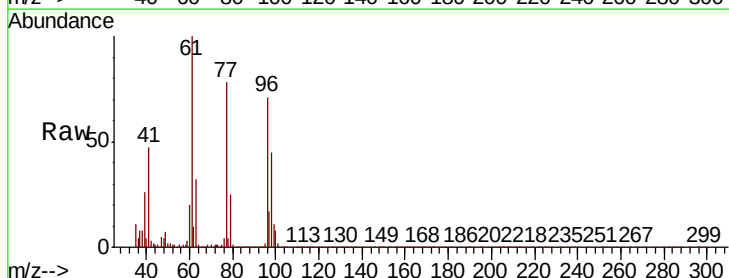
Acq: 10 Dec 2019 00:44

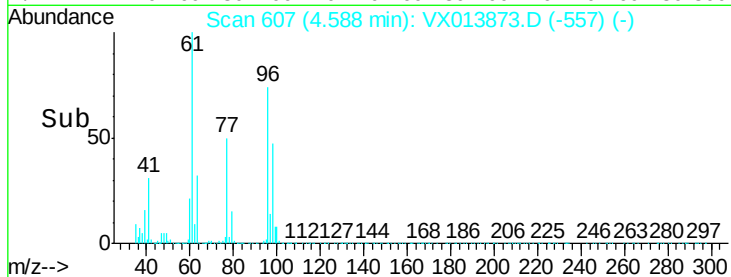
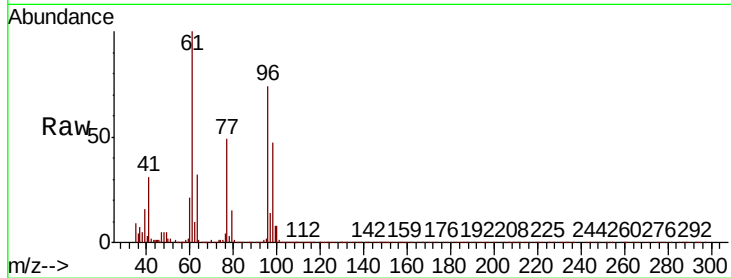
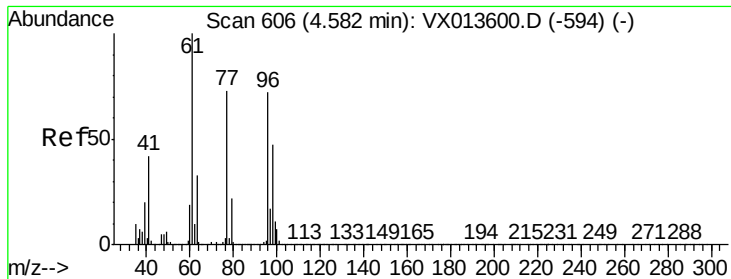
Tgt Ion: 77 Resp: 124468

Ion Ratio Lower Upper

77 100

97 24.7 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 18.981 ug/l

RT: 4.59 min Scan# 607

Delta R.T. 0.01 min

Lab File: VX013873.D

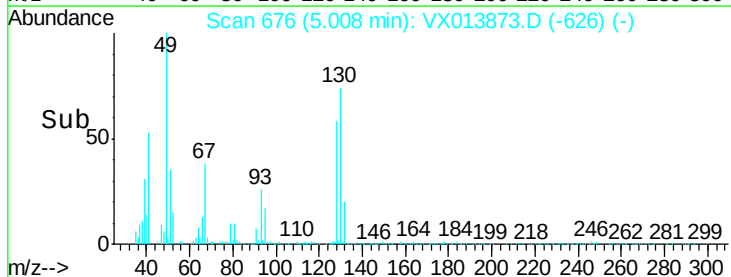
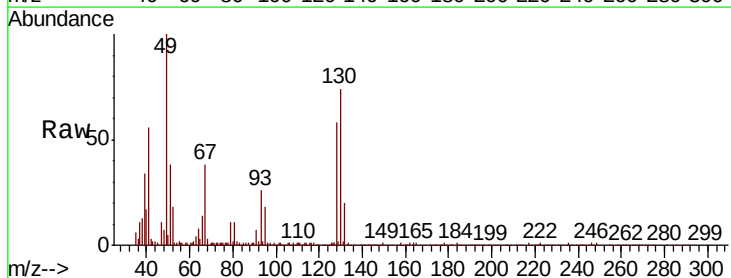
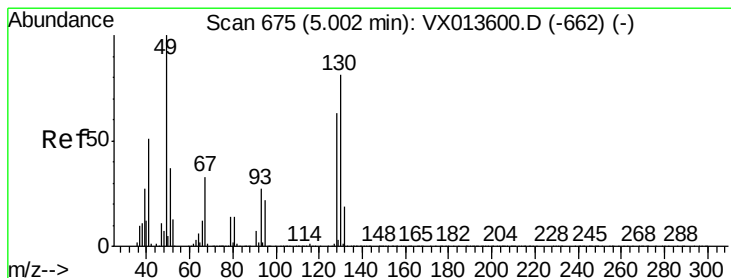
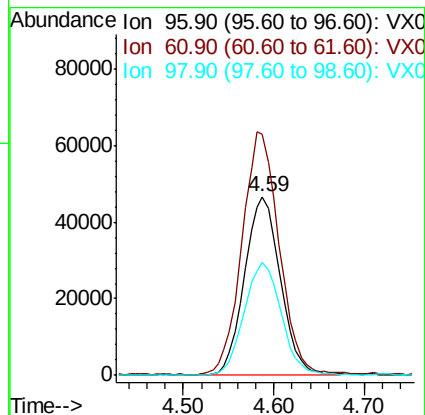
Acq: 10 Dec 2019 00:44

Tot Ion:	96	Resp:	126918
Ion Ratio	Lower	Upper	
96	100		
61	141.9	0.0	286.4
98	65.2	0.0	127.4

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD02

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#28

Bromochloromethane

Concen: 20.304 ug/l

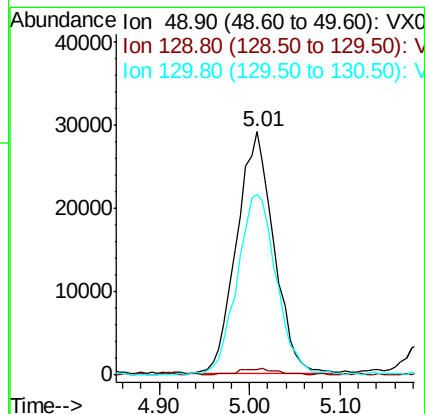
RT: 5.01 min Scan# 676

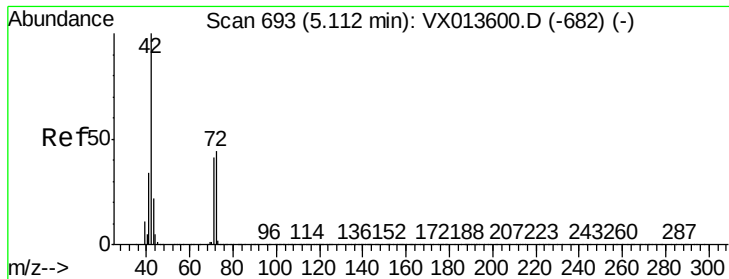
Delta R.T. 0.01 min

Lab File: VX013873.D

Acq: 10 Dec 2019 00:44

Tgt Ion:	49	Resp:	81951
Ion Ratio	Lower	Upper	
49	100		
129	3.1	0.0	5.0
130	79.5	65.4	98.0





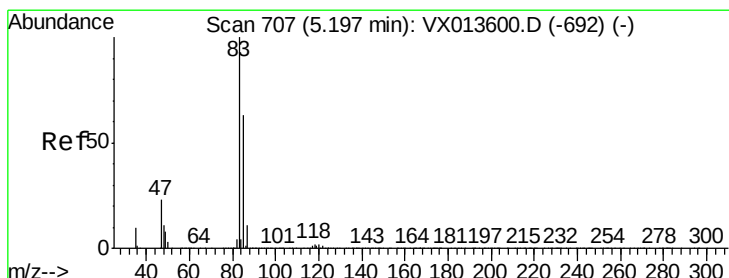
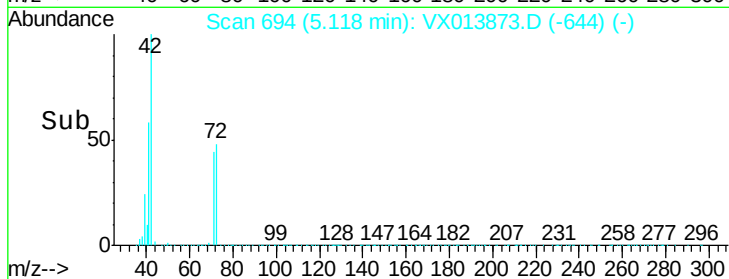
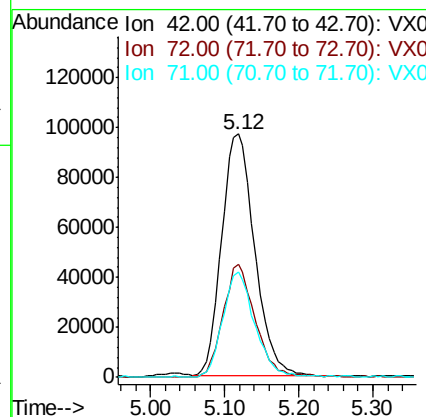
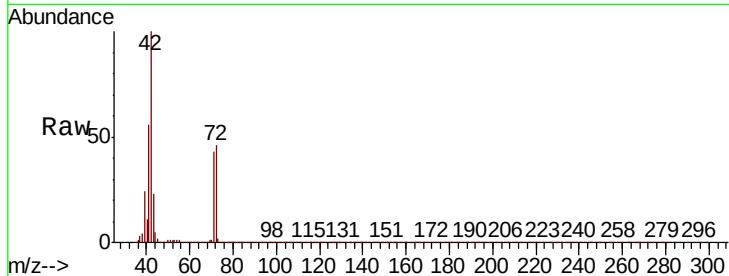
#29
Tetrahydrofuran
Concen: 101.809 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX013873.D
Acq: 10 Dec 2019 00:44

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD02

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.9	36.3	54.5
71	41.5	33.2	49.8

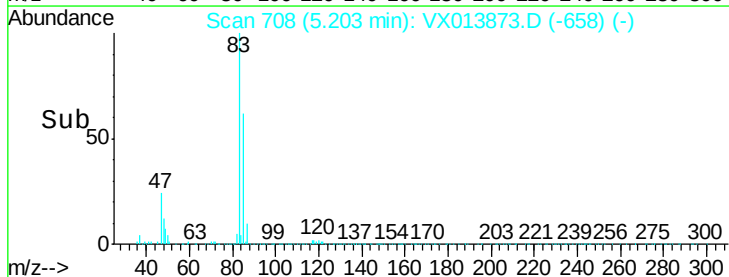
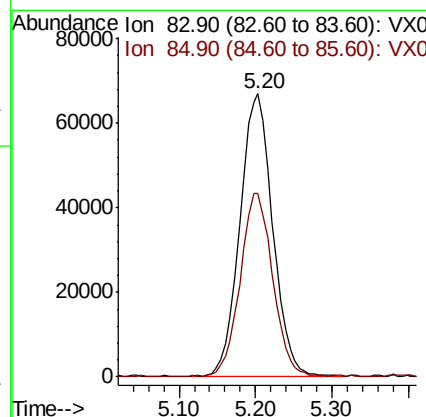
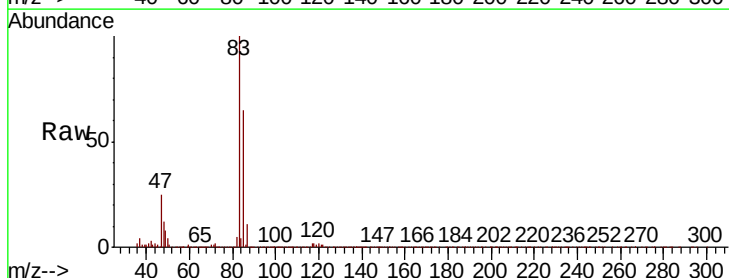
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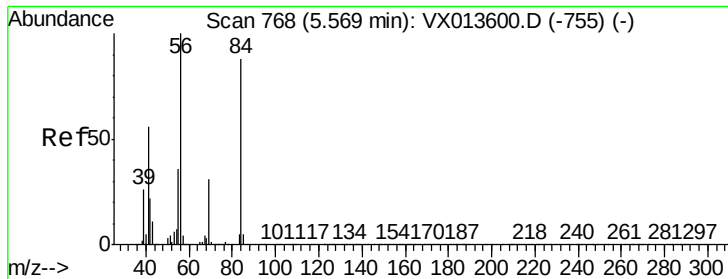
apatel
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#30
Chloroform
Concen: 19.090 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX013873.D
Acq: 10 Dec 2019 00:44

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	50.2	75.4





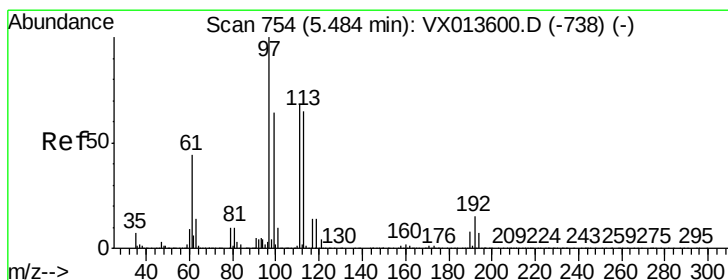
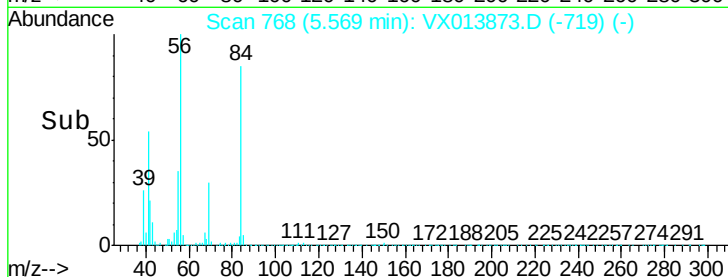
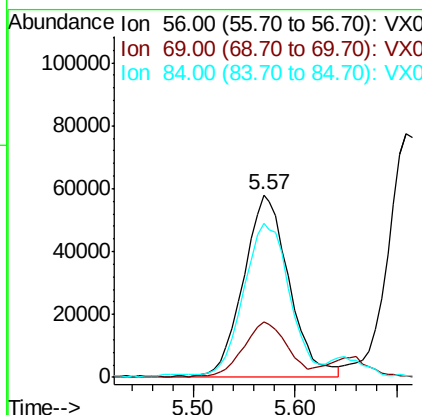
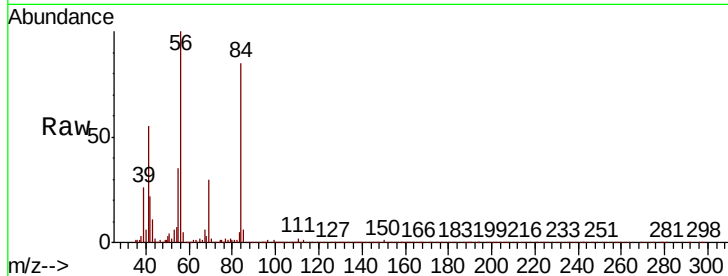
#31
Cyclohexane
Concen: 18.565 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX013873.D
Acq: 10 Dec 2019 00:44

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD02

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.9	24.6	36.8
84	83.3	70.0	105.0

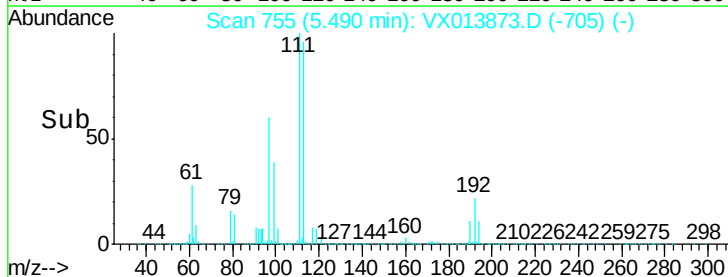
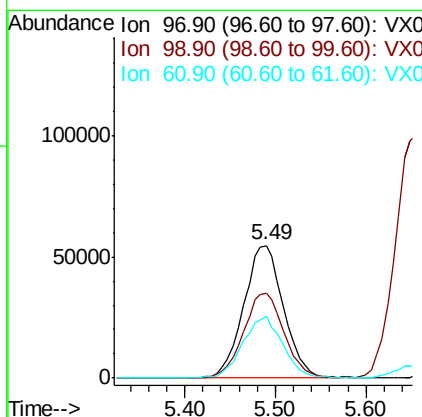
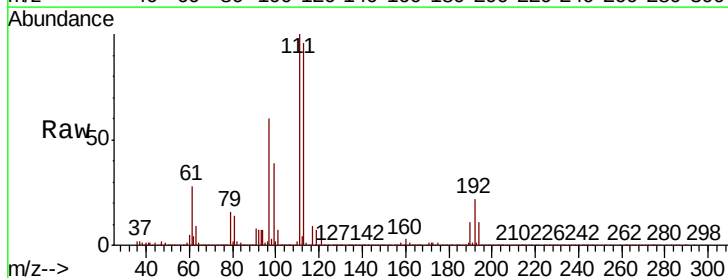
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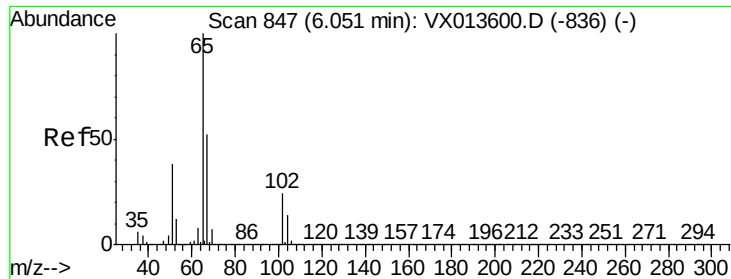
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#32
1,1,1-Trichloroethane
Concen: 19.132 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX013873.D
Acq: 10 Dec 2019 00:44

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.6	77.4
61	46.3	36.1	54.1





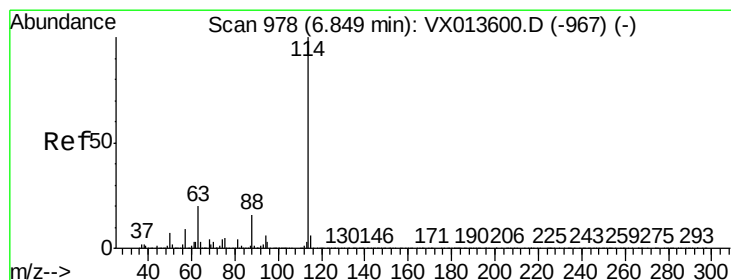
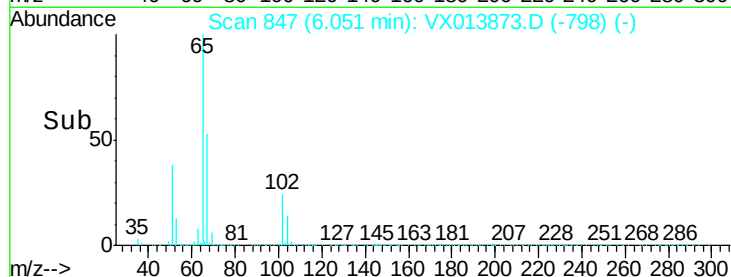
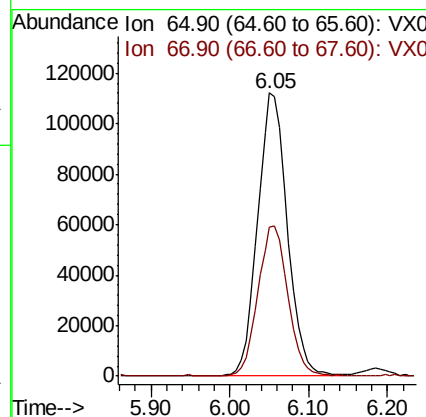
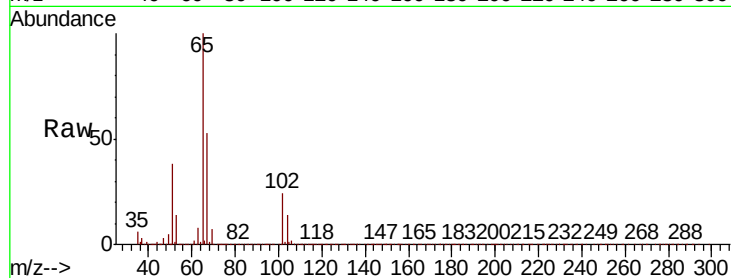
#33
 1,2-Dichloroethane-d4
 Concen: 45.104 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX013873.D
 Acq: 10 Dec 2019 00:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1209WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	294036		
67	53.3	0.0	104.4	

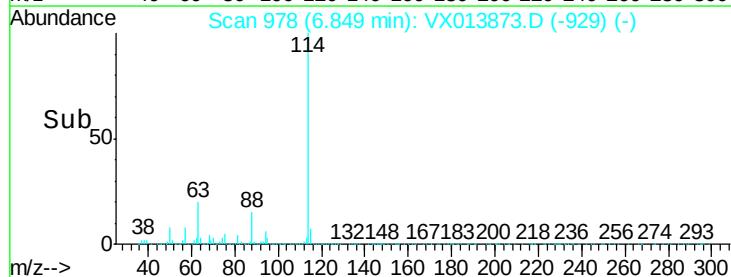
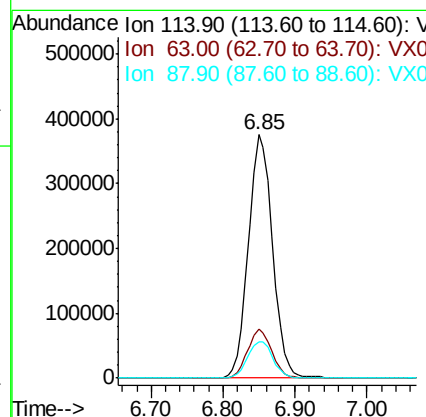
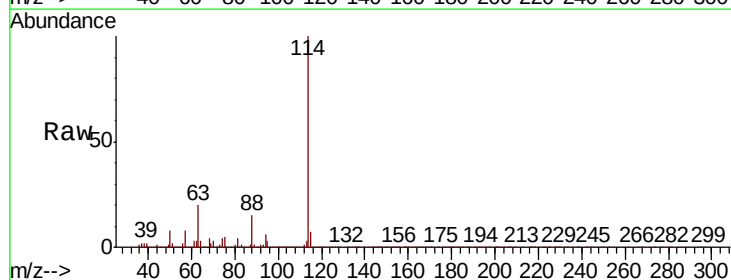
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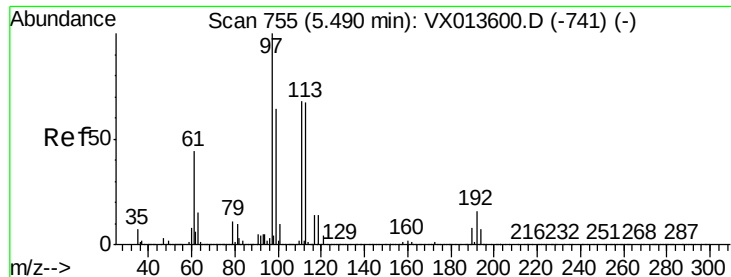
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013873.D
 Acq: 10 Dec 2019 00:44

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	872535		
63	19.9	0.0	39.6	
88	15.0	0.0	31.4	





#35

Dibromofluoromethane

Concen: 45.625 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX013873.D

Acq: 10 Dec 2019 00:44

Instrument :

MSVOA_X

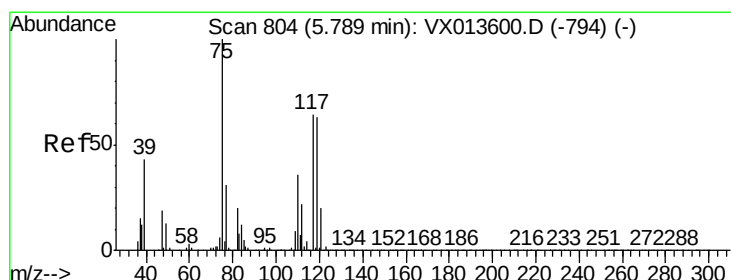
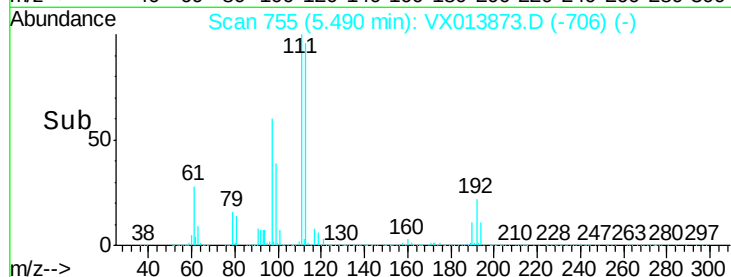
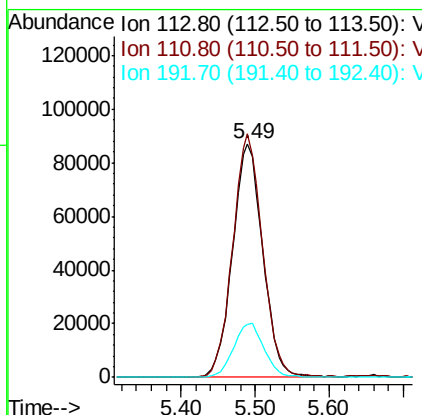
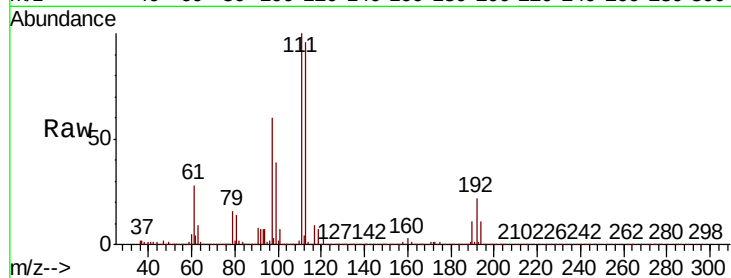
ClientSampleId :

VX1209WBSD02

Tot Ion:	113	Resp:	246104
Ion Ratio	Lower	Upper	
113	100		
111	103.7	83.6	125.4
192	23.6	19.2	28.8

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 18.232 ug/l

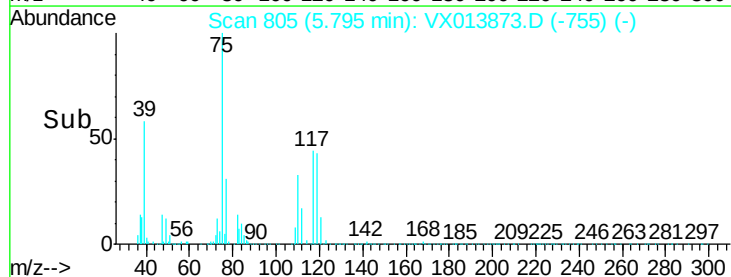
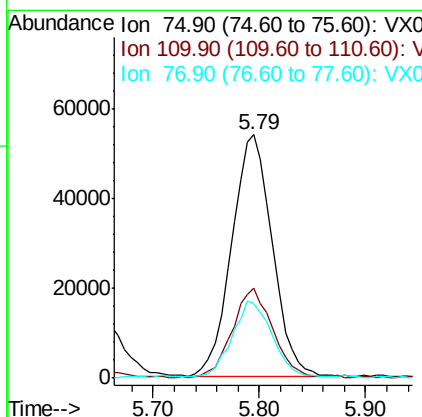
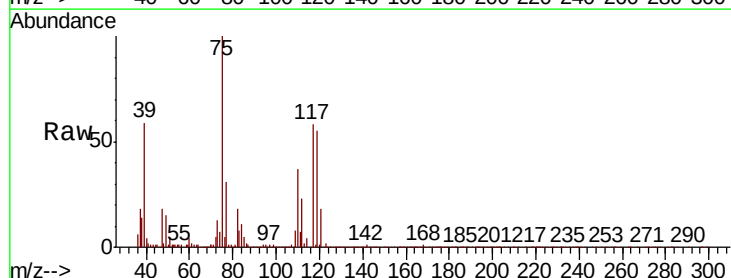
RT: 5.79 min Scan# 805

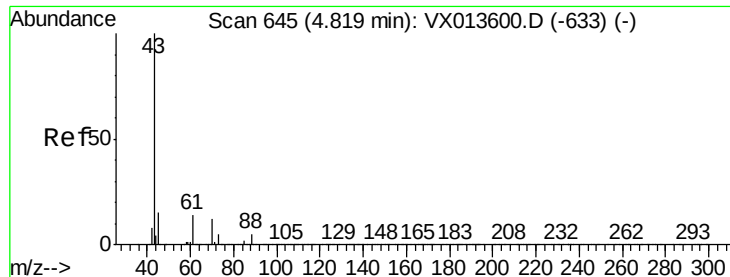
Delta R.T. 0.01 min

Lab File: VX013873.D

Acq: 10 Dec 2019 00:44

Tgt Ion:	75	Resp:	144404
Ion Ratio	Lower	Upper	
75	100		
110	36.2	18.1	54.1
77	30.7	24.5	36.7





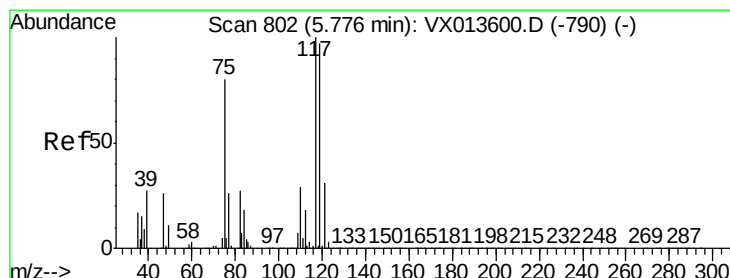
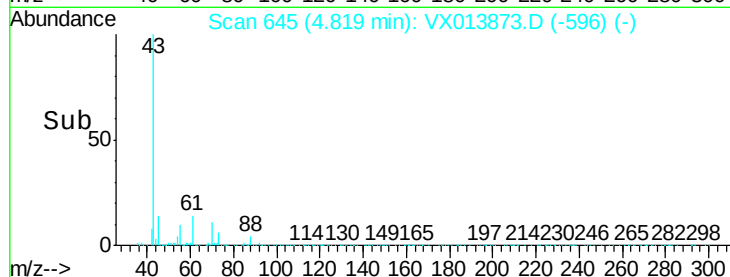
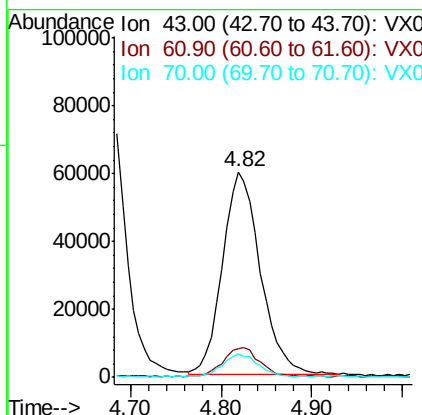
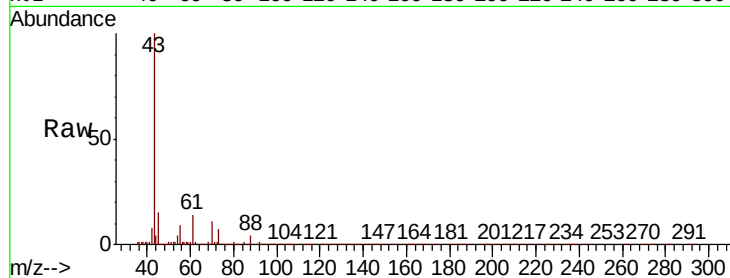
#37
Ethyl Acetate
Concen: 19.624 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013873.D
Acq: 10 Dec 2019 00:44

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD02

Tot Ion	43	Resp	174369
Ion Ratio	Lower	Upper	
43	100		
61	14.1	11.0	16.4
70	10.6	8.6	12.8

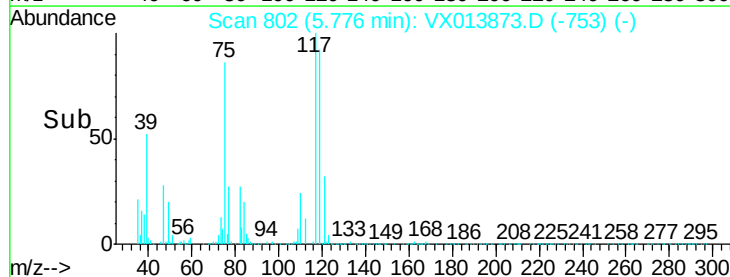
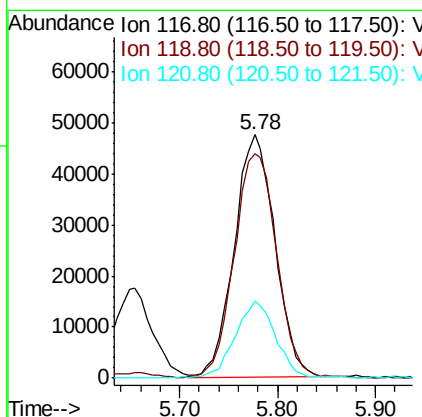
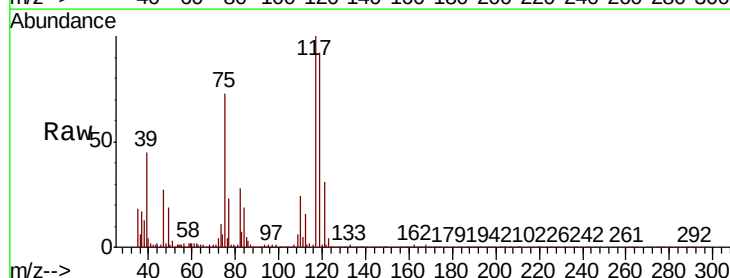
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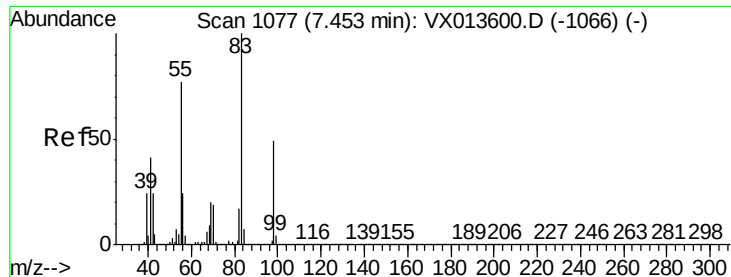
apatel
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#38
Carbon Tetrachloride
Concen: 18.762 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013873.D
Acq: 10 Dec 2019 00:44

Tgt Ion	117	Resp	137023
Ion Ratio	Lower	Upper	
117	100		
119	92.0	77.5	116.3
121	31.3	25.0	37.6





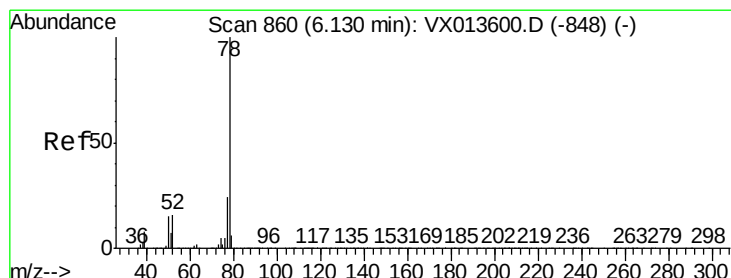
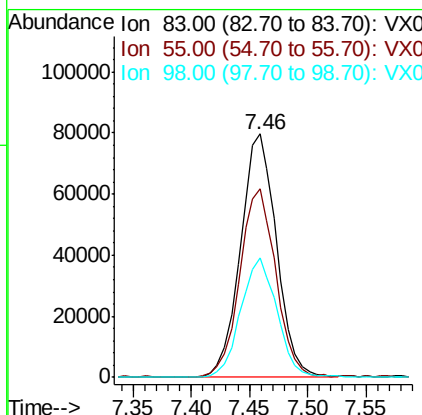
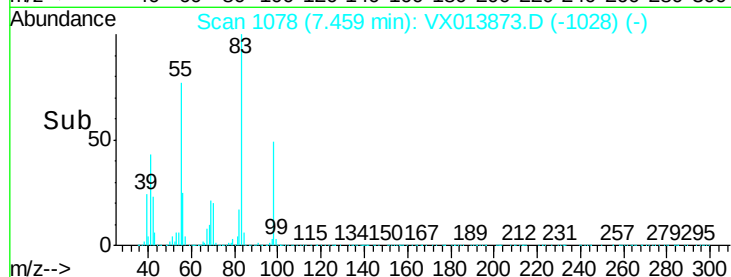
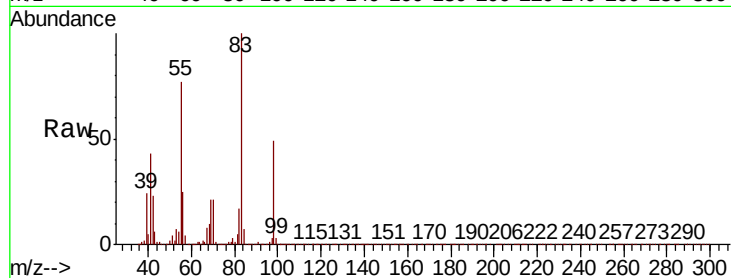
#39
Methylvlcyclohexane
Concen: 17.462 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX013873.D
Acq: 10 Dec 2019 00:44

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
83	100	170955		
55	77.2	61.9	92.9	
98	48.9	39.4	59.0	

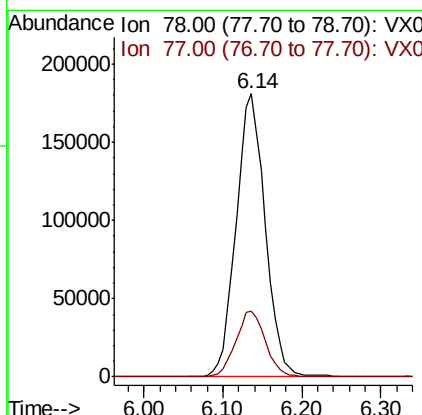
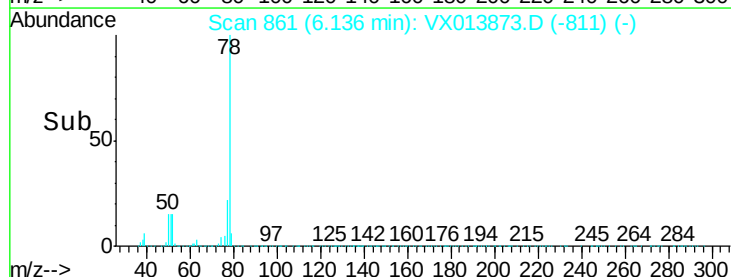
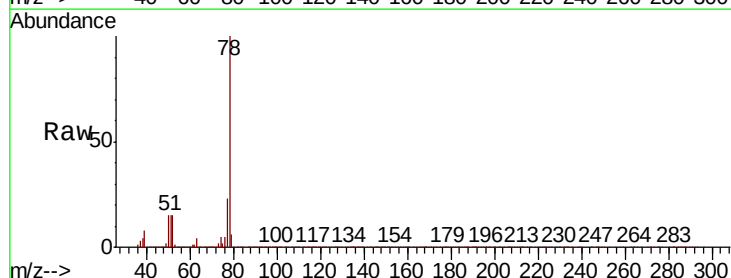
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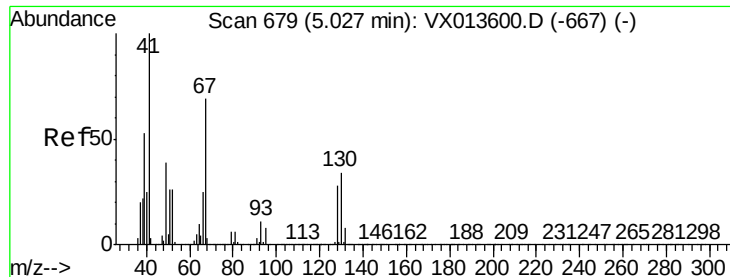
apatel
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#40
Benzene
Concen: 19.264 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013873.D
Acq: 10 Dec 2019 00:44

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	464697		
77	23.3	19.0	28.4	





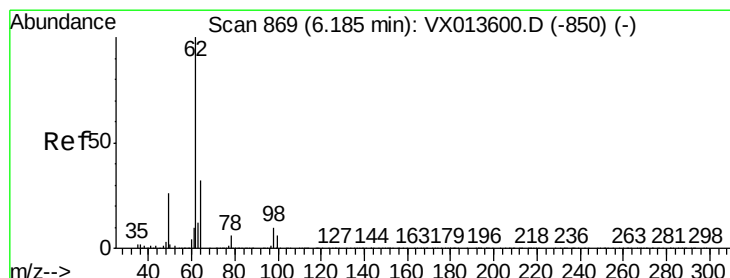
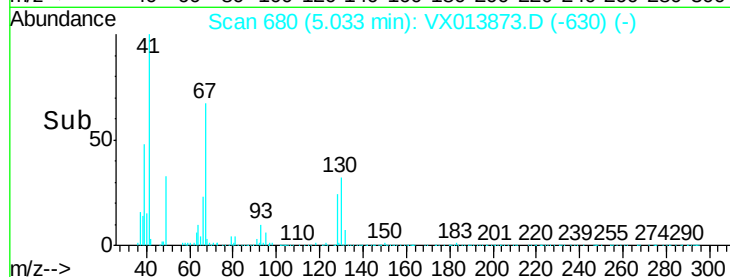
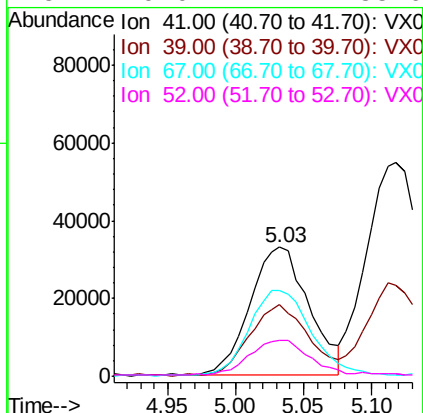
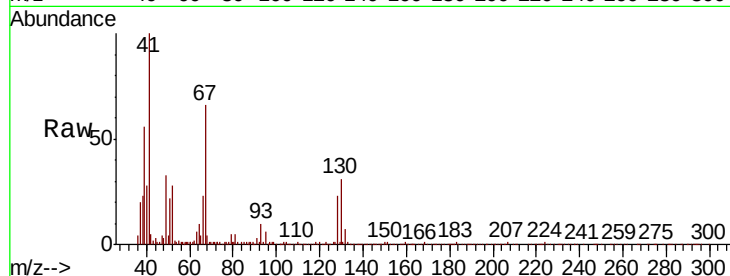
#41
Methacrylonitrile
Concen: 20.413 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX013873.D
Acq: 10 Dec 2019 00:44

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD02

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.7	42.9	64.3	
67	70.0	57.4	86.0	
52	29.0	22.4	33.6	

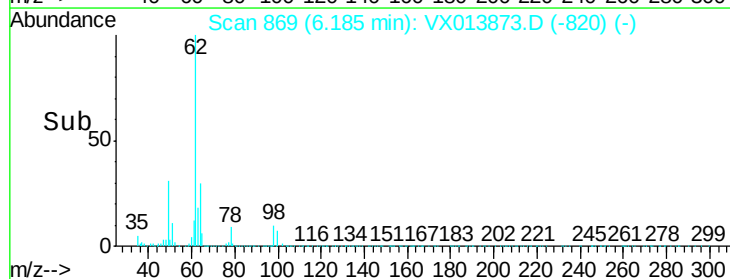
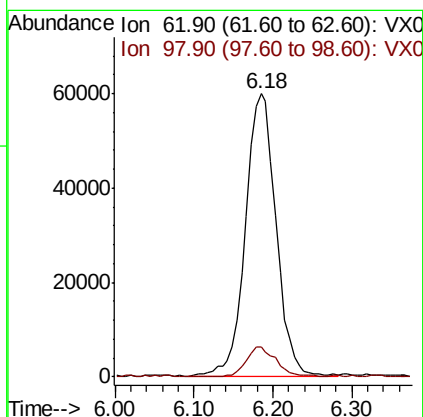
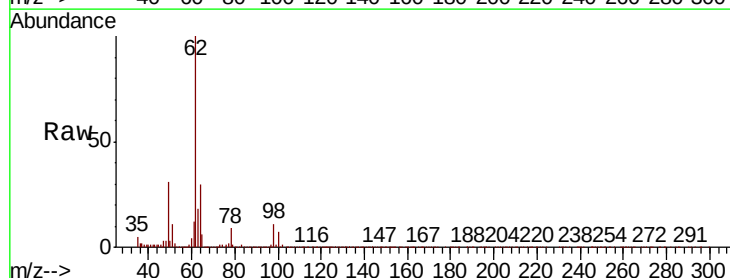
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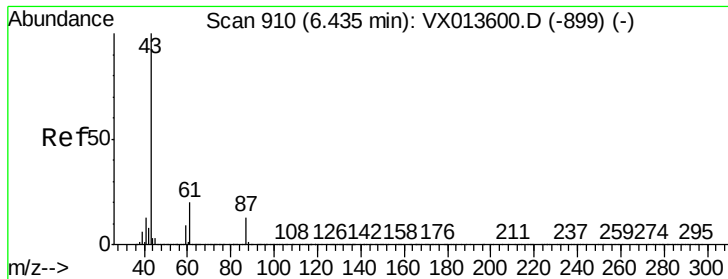
apatel
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#42
1,2-Dichloroethane
Concen: 19.786 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.00 min
Lab File: VX013873.D
Acq: 10 Dec 2019 00:44

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.3	0.0	20.8	





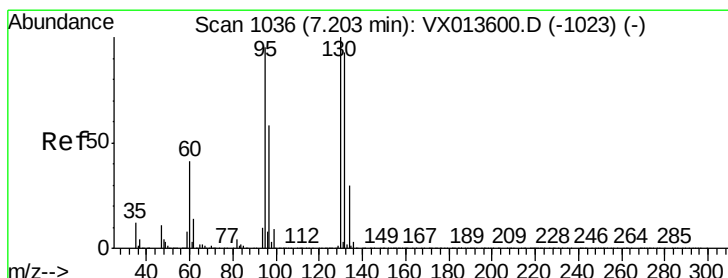
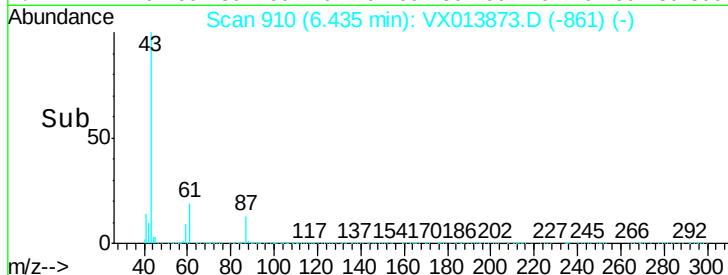
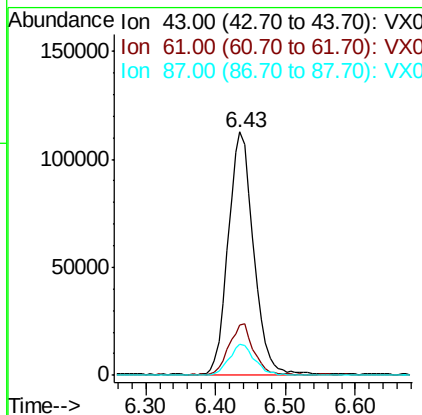
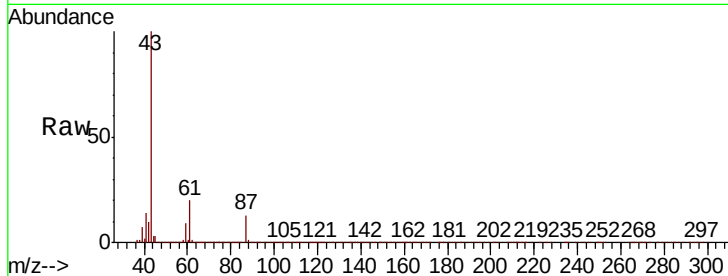
#43
Isopropyl Acetate
Concen: 19.346 ug/l
RT: 6.43 min Scan# 910
Delta R.T. -0.00 min
Lab File: VX013873.D
Acq: 10 Dec 2019 00:44

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.3	16.3	24.5
87	13.0	10.8	16.2

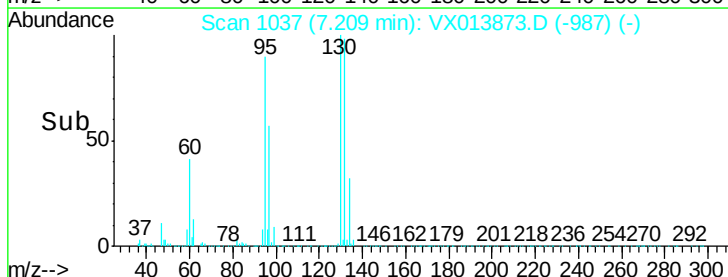
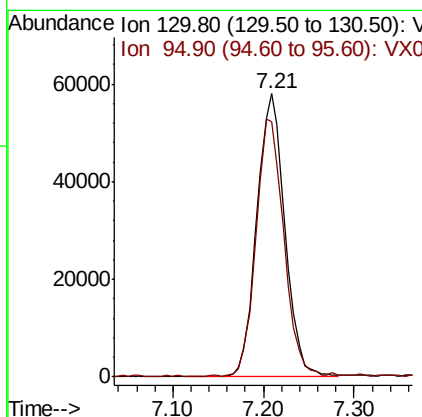
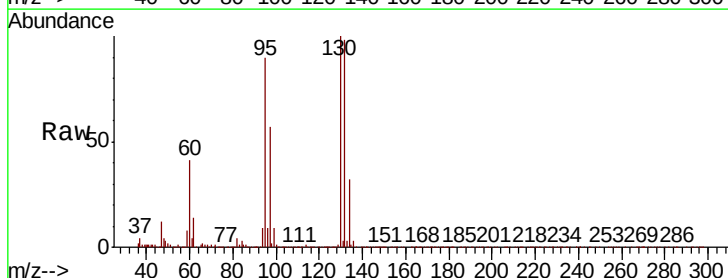
Manual Integrations
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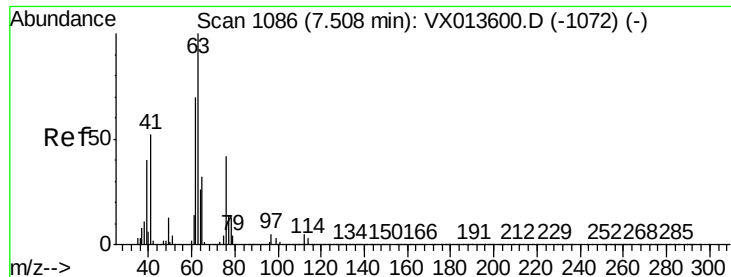
apatel
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#44
Trichloroethene
Concen: 18.790 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VX013873.D
Acq: 10 Dec 2019 00:44

Tgt Ion	Ratio	Lower	Upper
130	100		
95	89.9	0.0	190.8





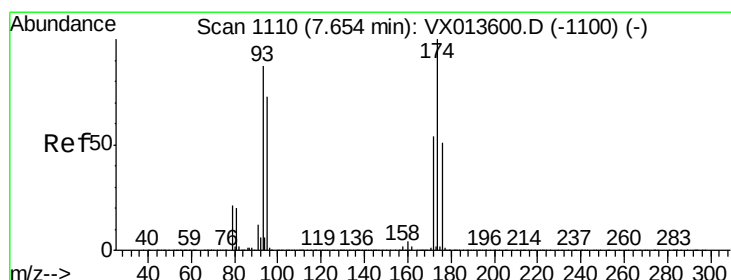
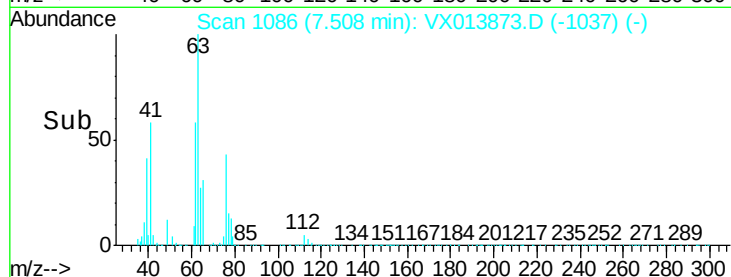
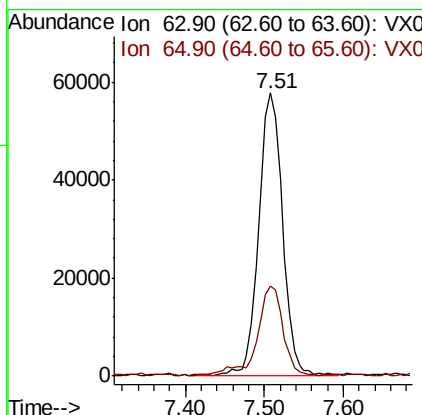
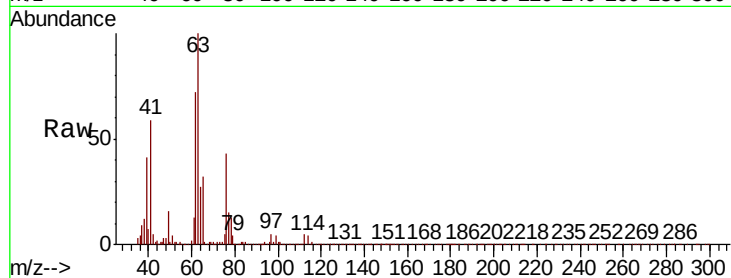
#45
 1,2-Dichloropropane
 Concen: 20.092 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX013873.D
 Acq: 10 Dec 2019 00:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1209WBSD02

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.7	25.5	38.3

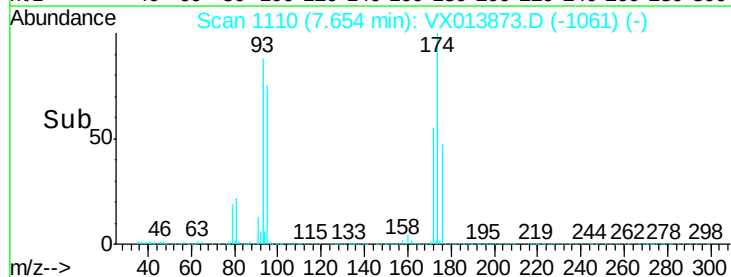
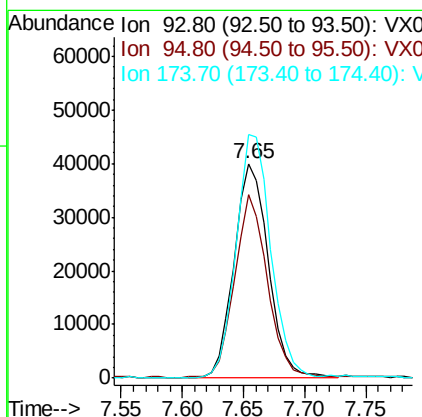
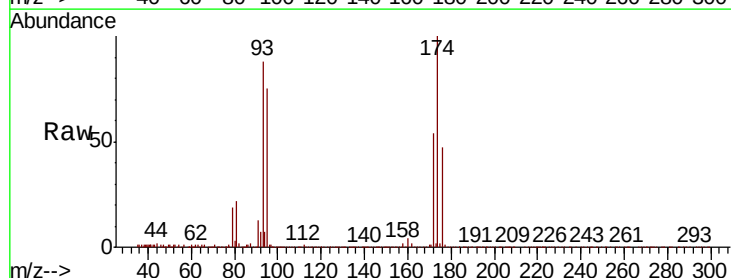
Manual Integrations
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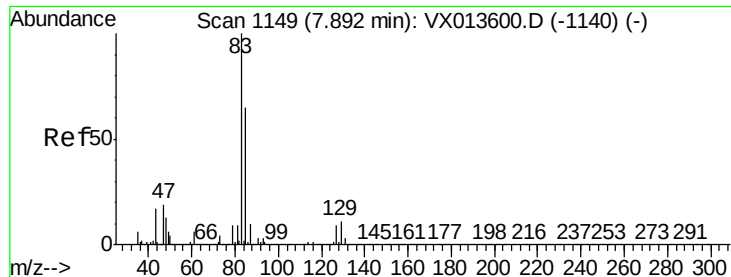
apatel
 12/11/2019 8:54:52 AM



#46
 Dibromomethane
 Concen: 18.730 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX013873.D
 Acq: 10 Dec 2019 00:44

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.6	66.2	99.2
174	117.1	93.4	140.0





#47

Bromodichloromethane

Concen: 18.999 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013873.D

Acq: 10 Dec 2019 00:44

Instrument :

MSVOA_X

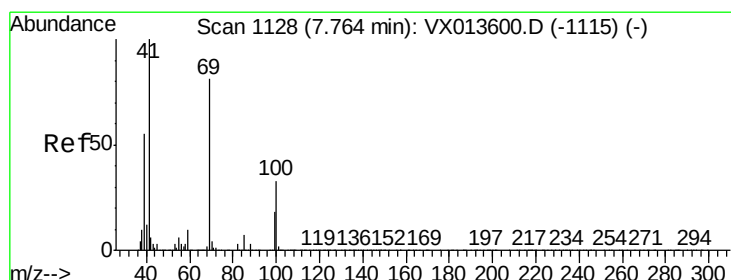
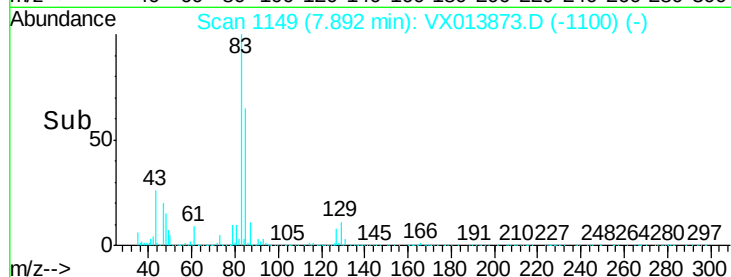
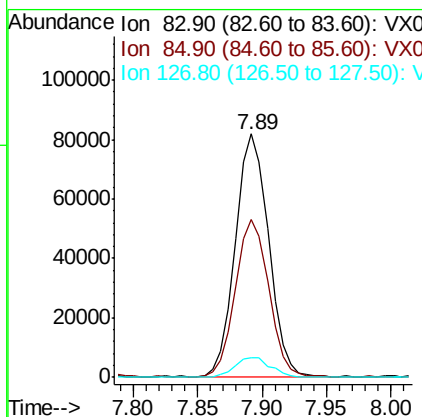
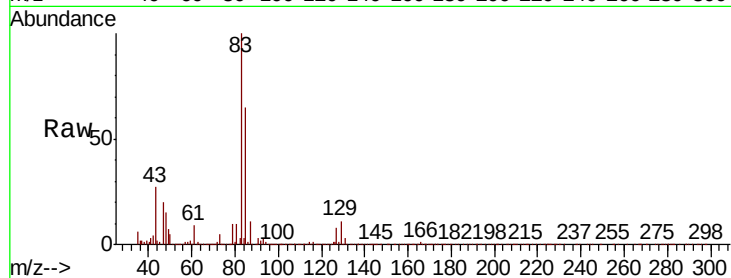
ClientSampleId :

VX1209WBSD02

Tot Ion:	83	Resp:	147233
Ion	Ratio	Lower	Upper
83	100		
85	64.8	52.1	78.1
127	7.6	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.751 ug/l

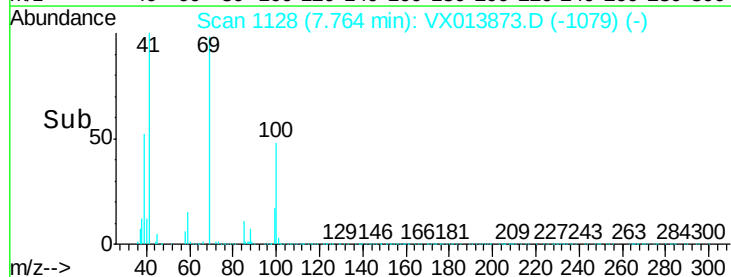
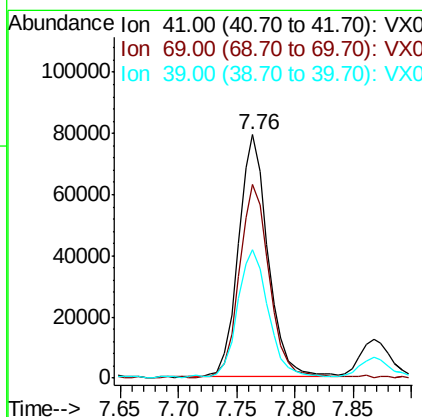
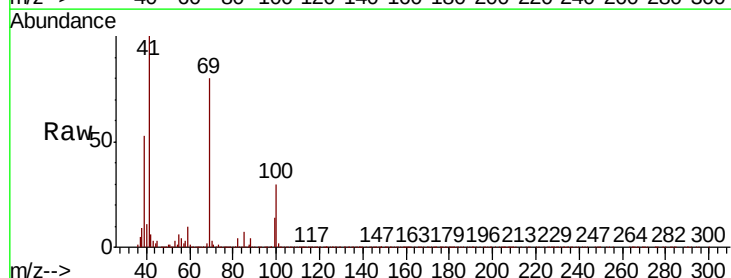
RT: 7.76 min Scan# 1128

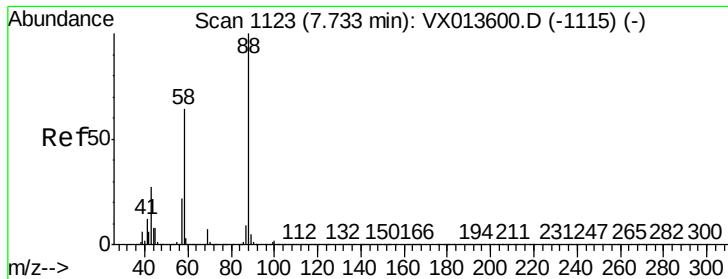
Delta R.T. -0.00 min

Lab File: VX013873.D

Acq: 10 Dec 2019 00:44

Tgt Ion:	41	Resp:	140384
Ion	Ratio	Lower	Upper
41	100		
69	80.9	64.7	97.1
39	54.5	43.8	65.6





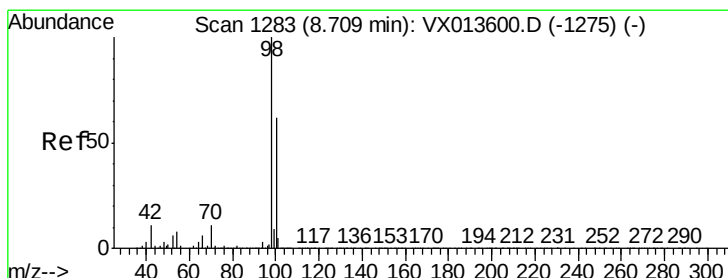
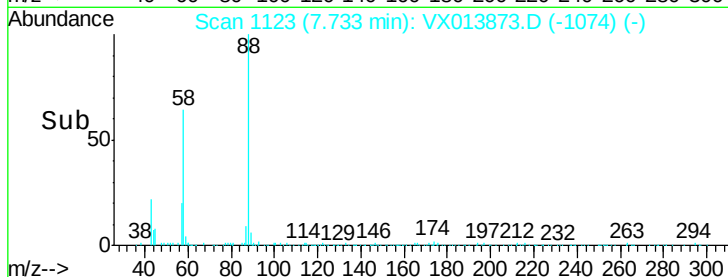
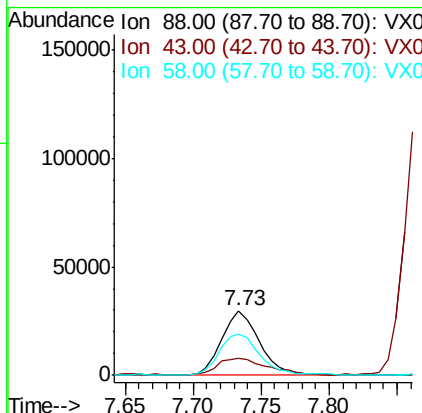
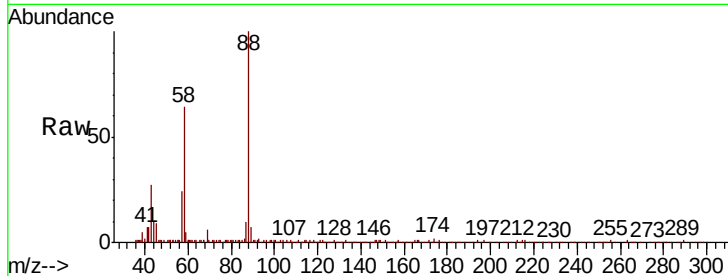
#49
1,4-Dioxane
Concen: 348.987 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX013873.D
Acq: 10 Dec 2019 00:44

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD02

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.7	25.8	38.6
58	71.7	54.6	82.0

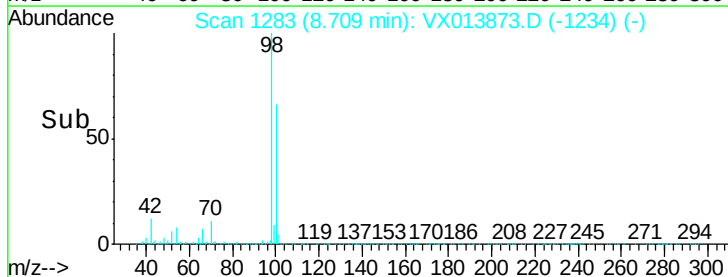
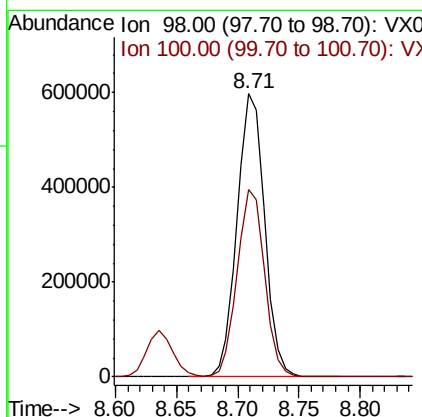
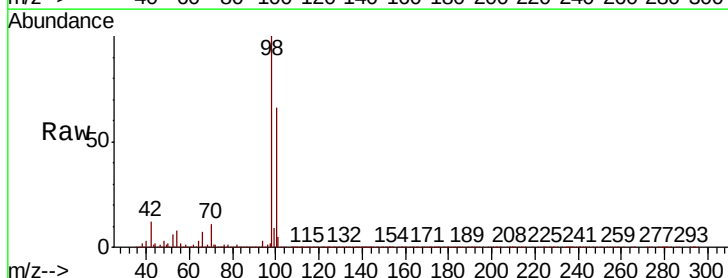
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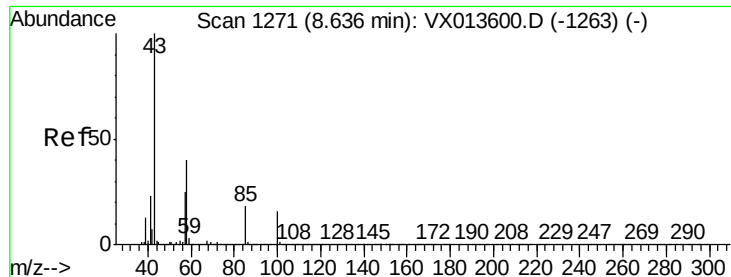
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#50
Toluene-d8
Concen: 44.218 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013873.D
Acq: 10 Dec 2019 00:44

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 99.539 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013873.D

Acq: 10 Dec 2019 00:44

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBSD02

Tot Ion: 43 Resp: 915919

Ion Ratio Lower Upper

43 100

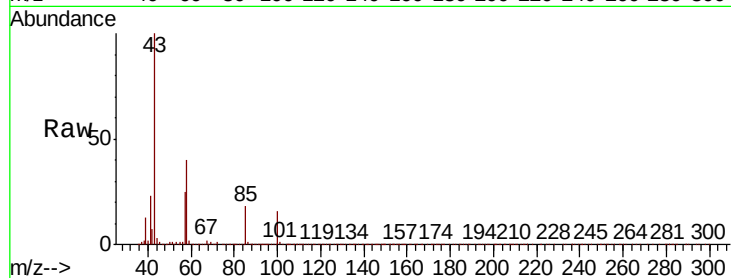
58 39.7 32.1 48.1

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

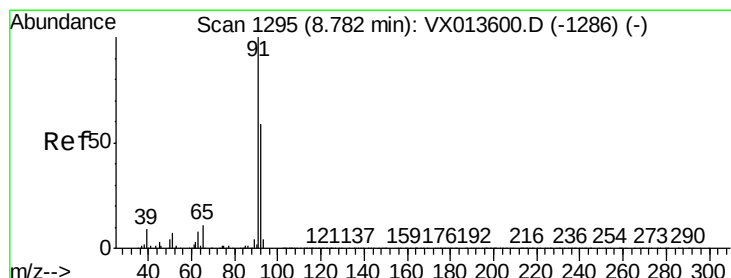
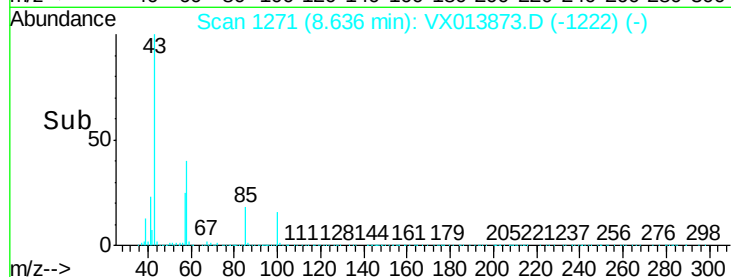
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 19.022 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX013873.D

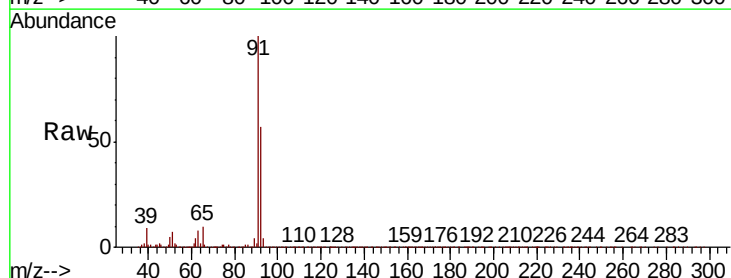
Acq: 10 Dec 2019 00:44

Tgt Ion: 92 Resp: 285064

Ion Ratio Lower Upper

92 100

91 172.7 136.2 204.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

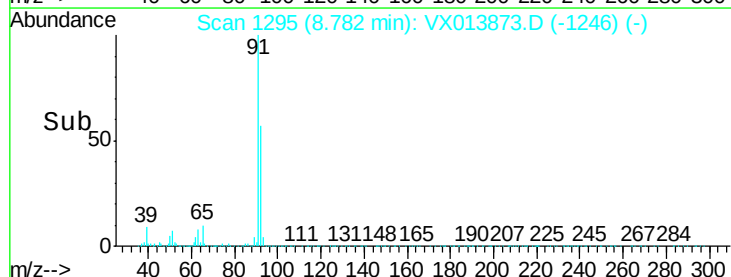
300000

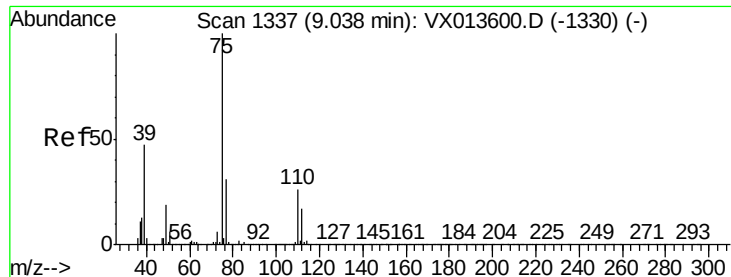
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 17.203 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX013873.D

Acq: 10 Dec 2019 00:44

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBSD02

Tot Ion: 75 Resp: 151737

Ion Ratio Lower Upper

75 100

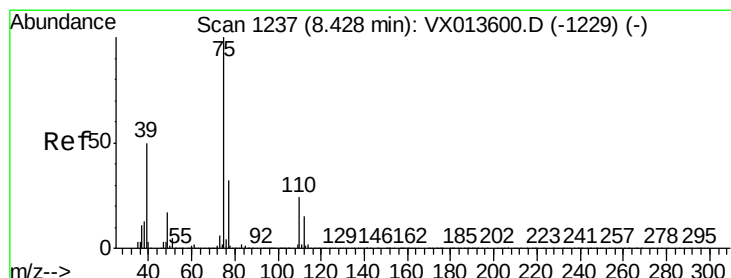
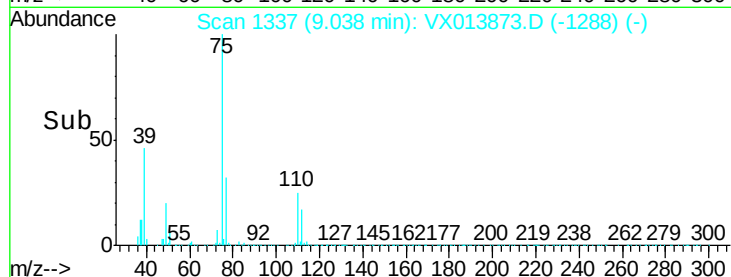
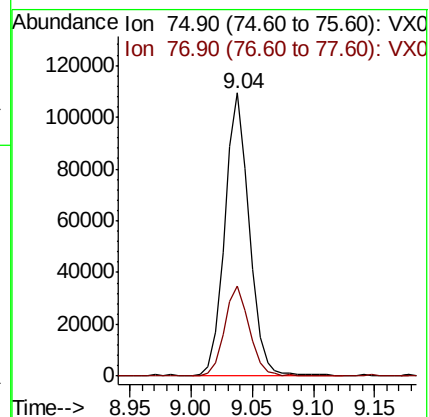
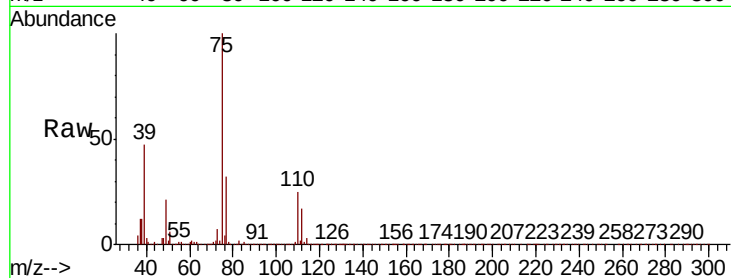
77 31.6 24.4 36.6

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#54

cis-1,3-Dichloropropene

Concen: 18.092 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX013873.D

Acq: 10 Dec 2019 00:44

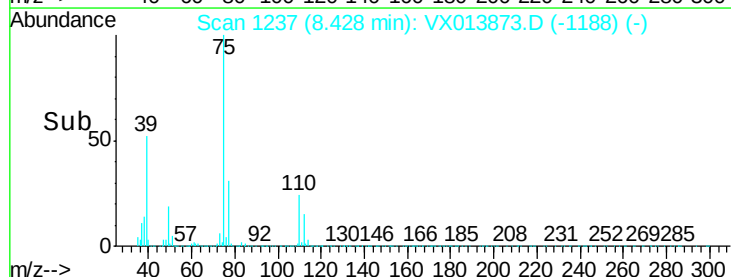
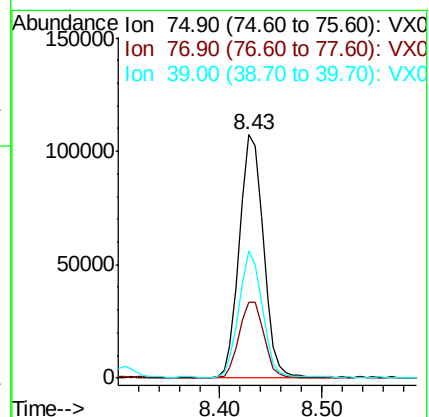
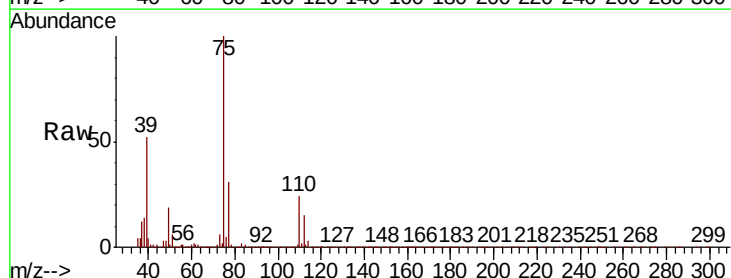
Tgt Ion: 75 Resp: 174345

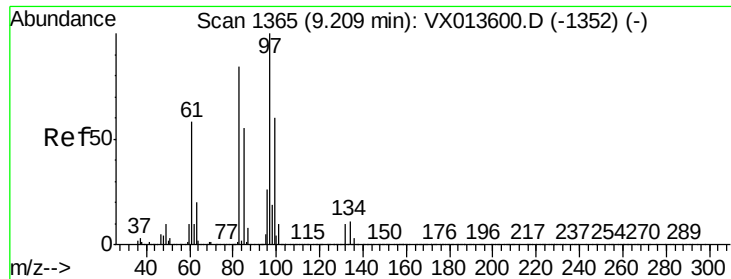
Ion Ratio Lower Upper

75 100

77 30.9 25.8 38.6

39 52.0 39.9 59.9





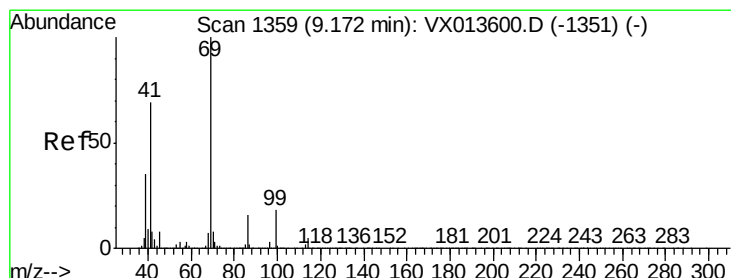
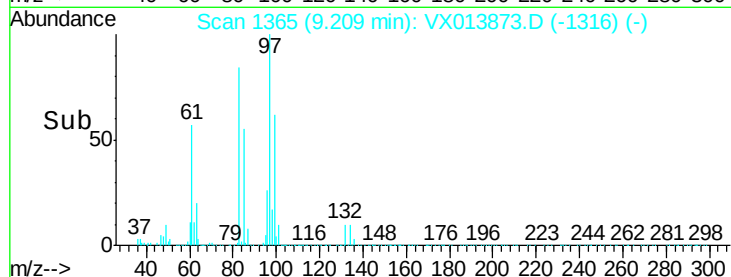
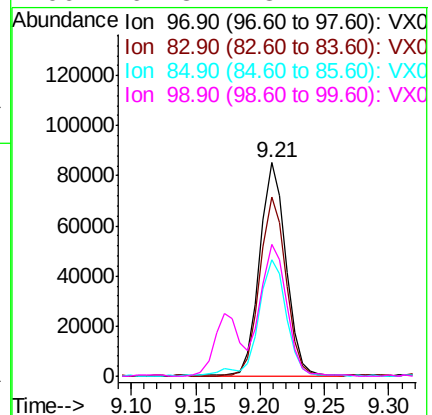
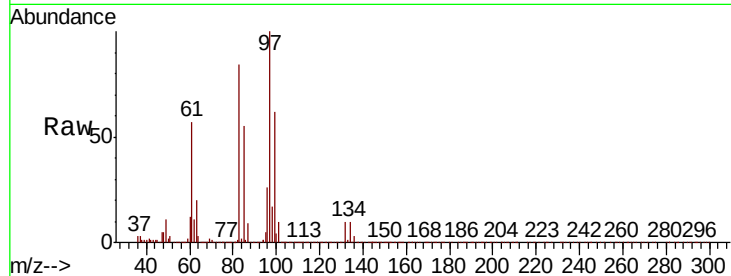
#55
 1,1,2-Trichloroethane
 Concen: 19.866 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013873.D
 Acq: 10 Dec 2019 00:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1209WBSD02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		119976		
83	84.0	67.3	100.9		
85	54.4	43.6	65.4		
99	61.3	48.2	72.4		

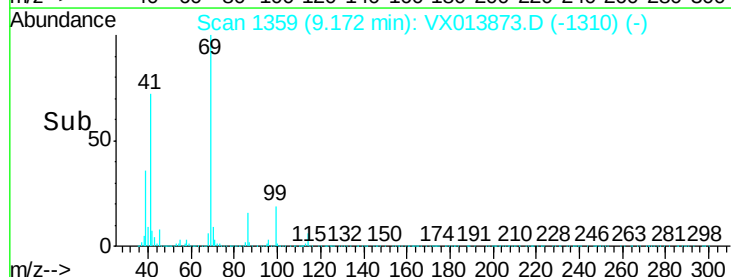
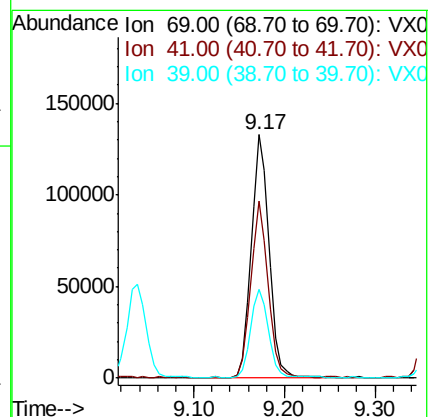
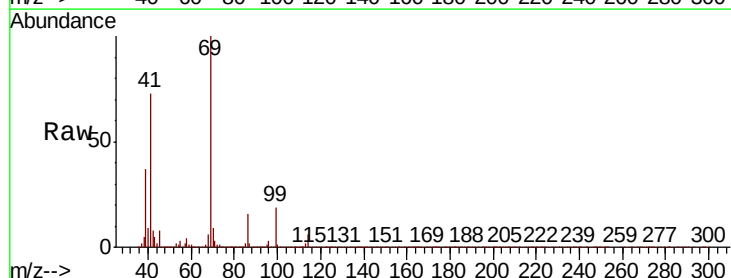
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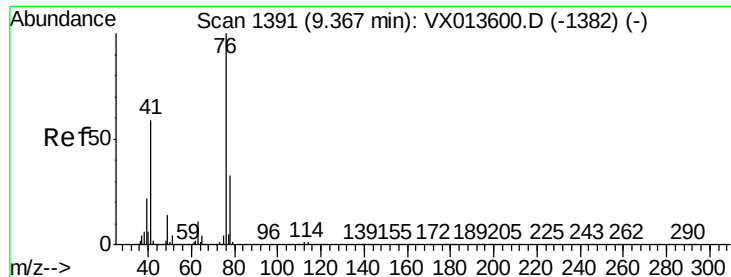
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#56
 Ethyl methacrylate
 Concen: 18.785 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX013873.D
 Acq: 10 Dec 2019 00:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		182390		
41	69.4	55.0	82.4		
39	36.1	28.7	43.1		





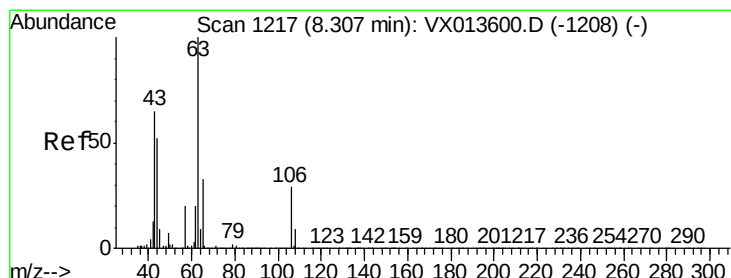
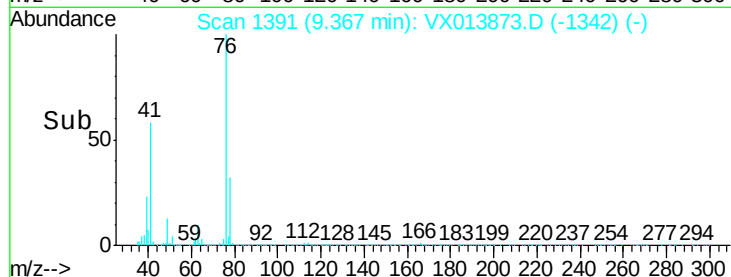
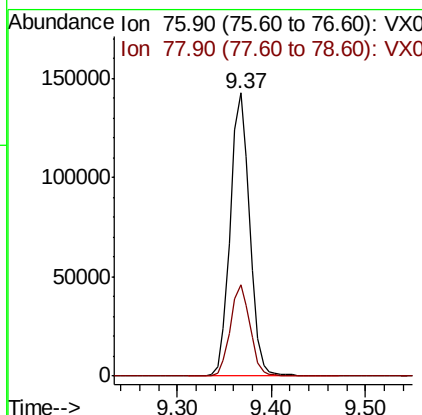
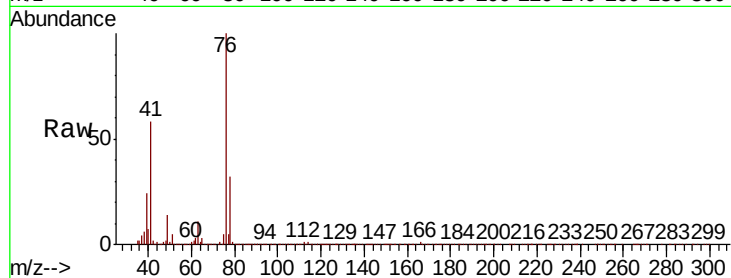
#57
 1,3-Dichloropropane
 Concen: 19.663 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX013873.D
 Acq: 10 Dec 2019 00:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1209WBSD02

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.6	26.0	39.0

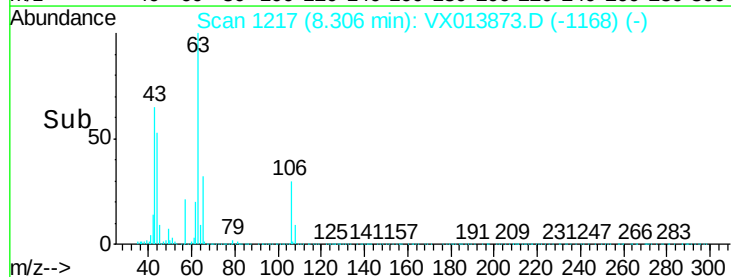
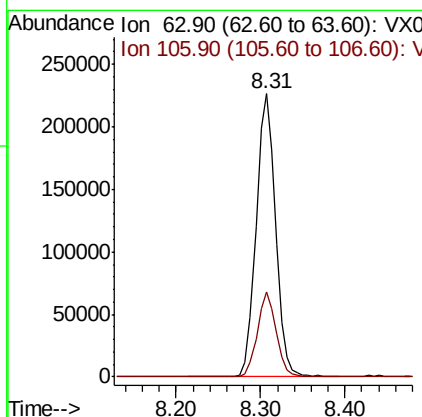
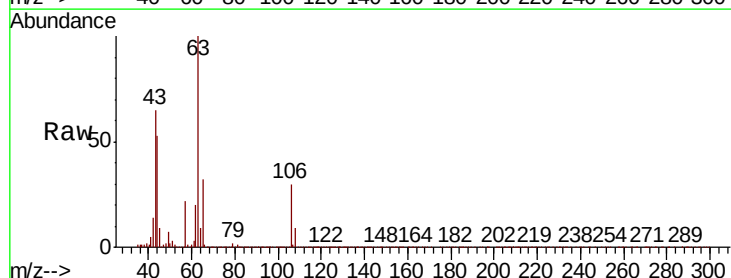
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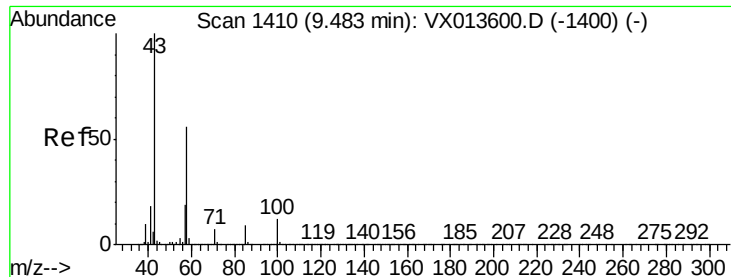
apatel
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#58
 2-Chloroethyl Vinyl ether
 Concen: 93.613 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VX013873.D
 Acq: 10 Dec 2019 00:44

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.8	23.4	35.0





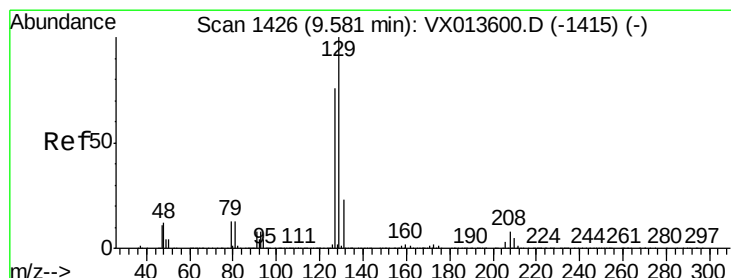
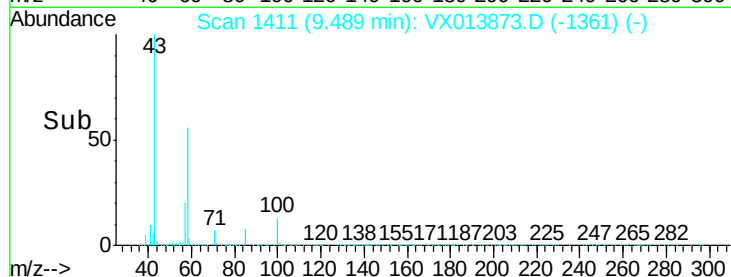
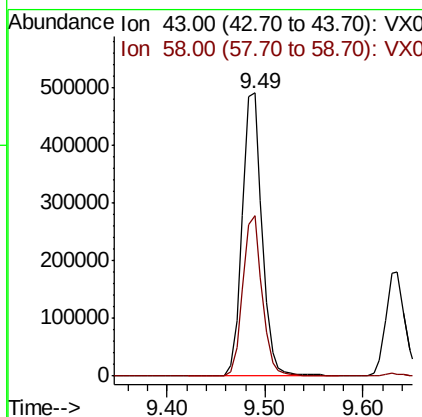
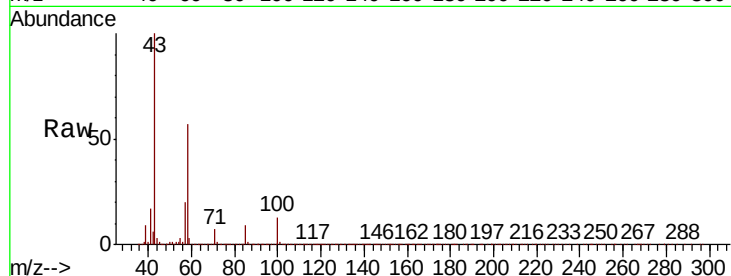
#59
2-Hexanone
Concen: 96.325 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX013873.D
Acq: 10 Dec 2019 00:44

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD02

Tot Ion: 43 Resp: 691278
Ion Ratio Lower Upper
43 100
58 55.5 28.1 84.4

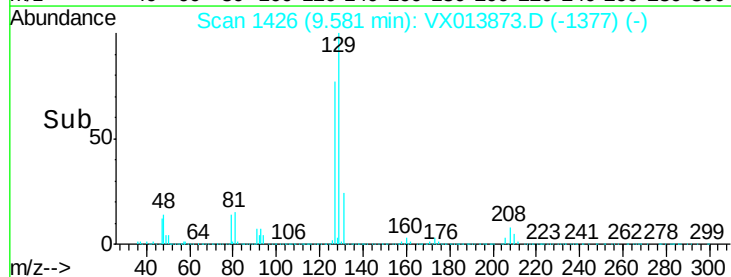
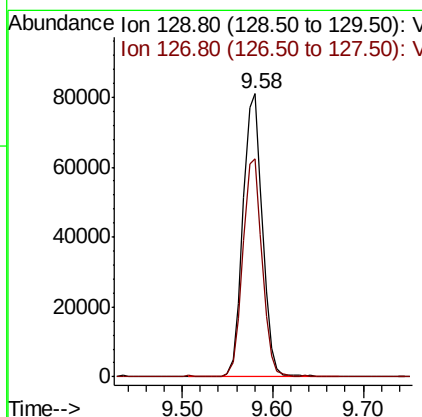
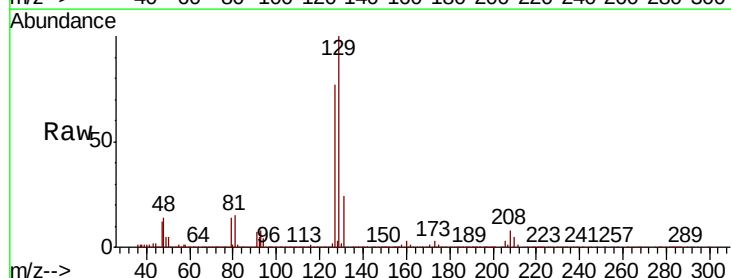
Manual Integrations
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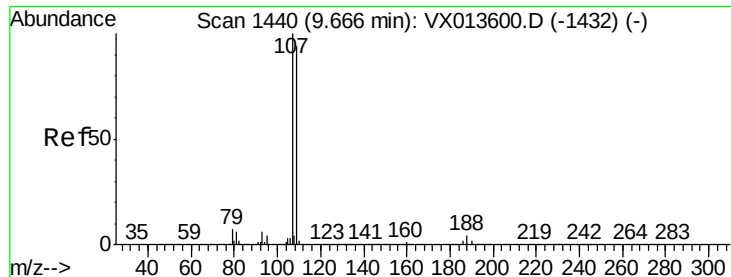
apatel
12/11/2019 8:54:52 AM



#60
Dibromochloromethane
Concen: 19.264 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. -0.00 min
Lab File: VX013873.D
Acq: 10 Dec 2019 00:44

Tgt Ion: 129 Resp: 120733
Ion Ratio Lower Upper
129 100
127 75.8 38.5 115.5





#61

1,2-Dibromoethane

Concen: 18.834 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013873.D

Acq: 10 Dec 2019 00:44

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBSD02

Tot Ion:107 Resp: 121482

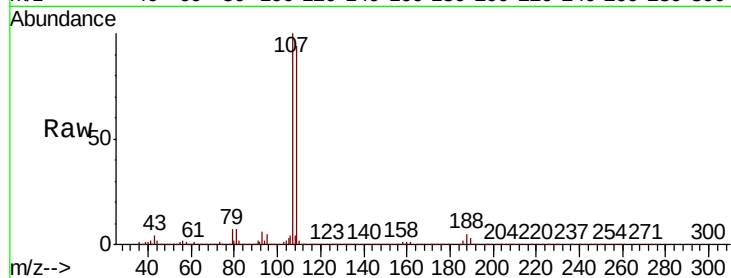
Ion Ratio Lower Upper

107 100

109 96.6 76.1 114.1

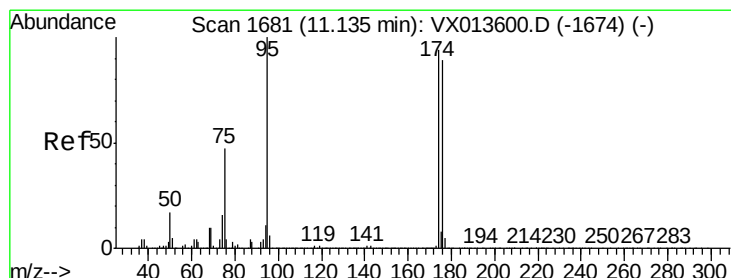
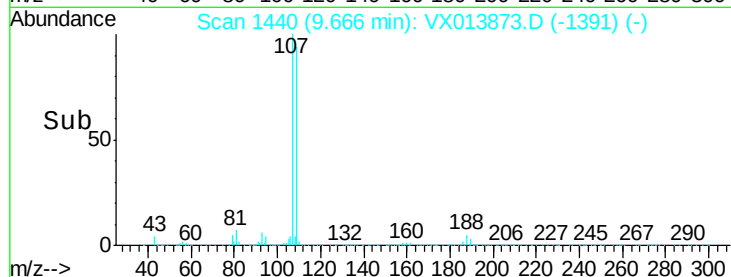
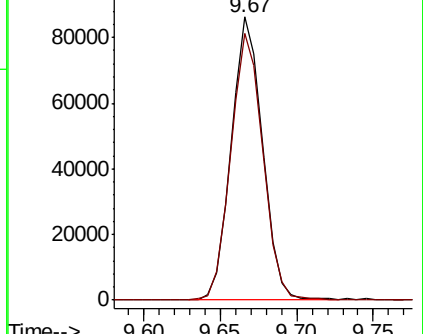
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 43.205 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX013873.D

Acq: 10 Dec 2019 00:44

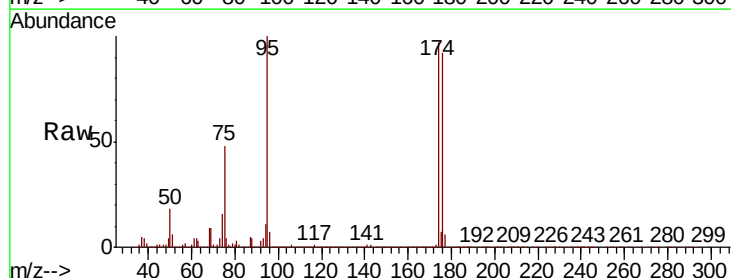
Tgt Ion: 95 Resp: 327424

Ion Ratio Lower Upper

95 100

174 91.7 0.0 180.0

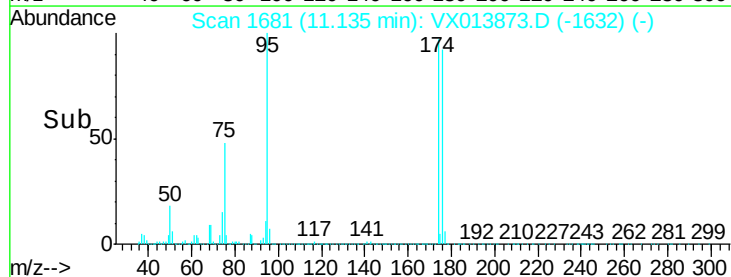
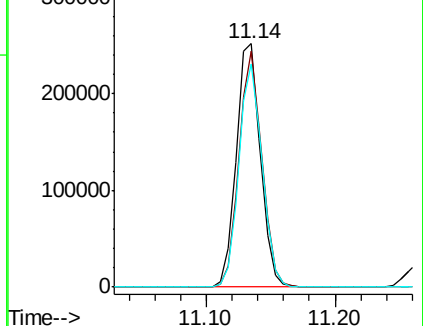
176 88.0 0.0 173.6

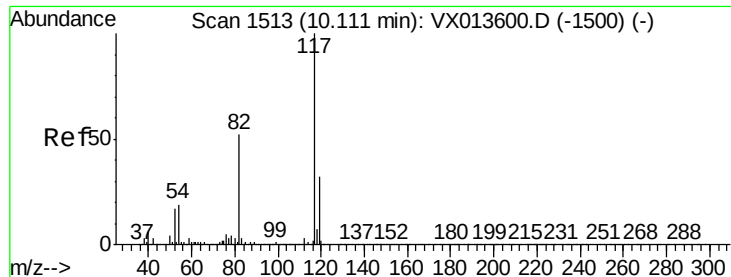


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





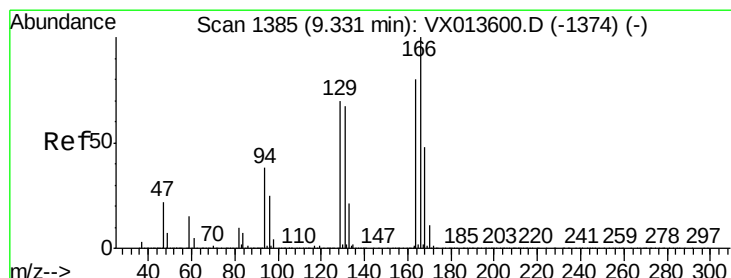
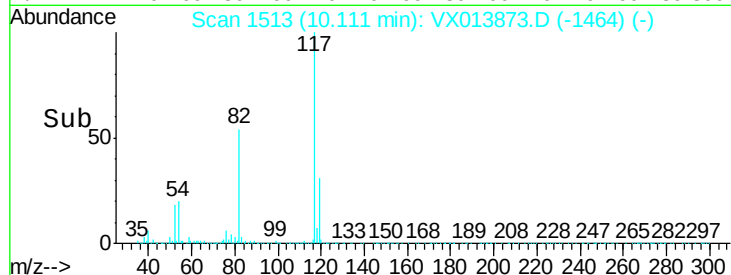
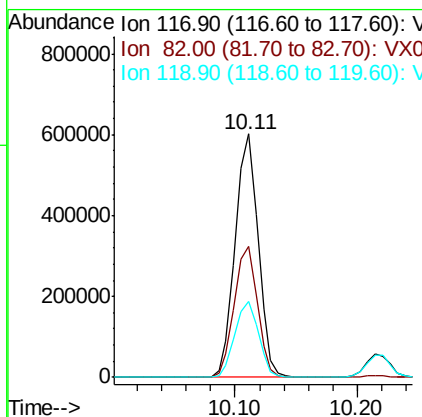
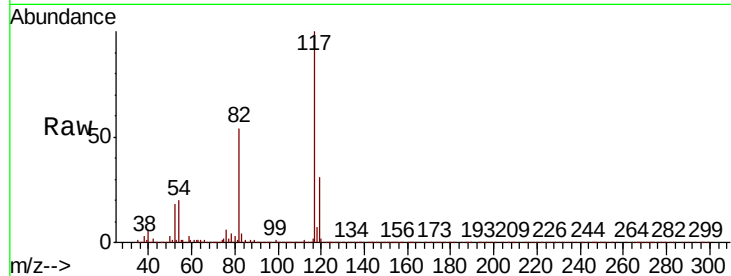
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013873.D
Acq: 10 Dec 2019 00:44

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD02

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.5	41.8	62.8
119	31.3	25.8	38.8

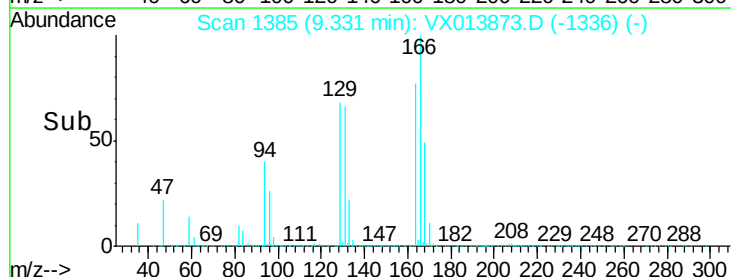
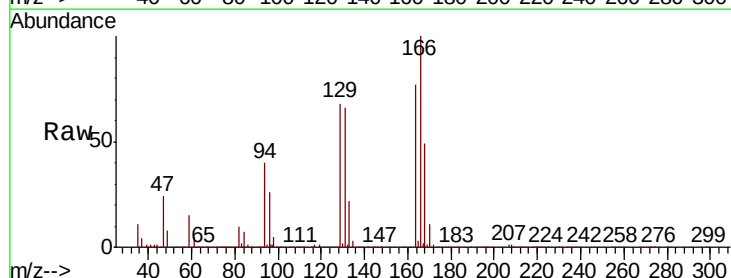
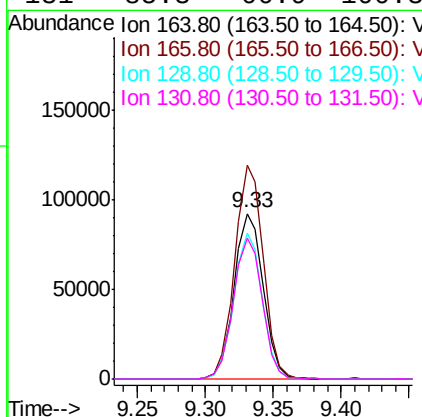
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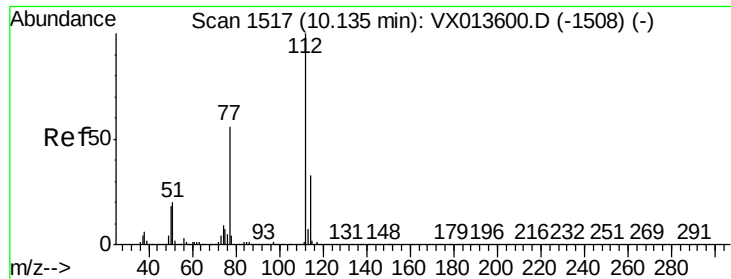
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#64
Tetrachloroethene
Concen: 23.495 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013873.D
Acq: 10 Dec 2019 00:44

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.4	99.7	149.5
129	88.1	70.1	105.1
131	85.3	66.9	100.3





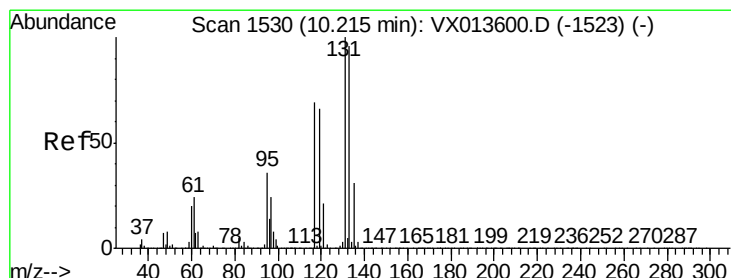
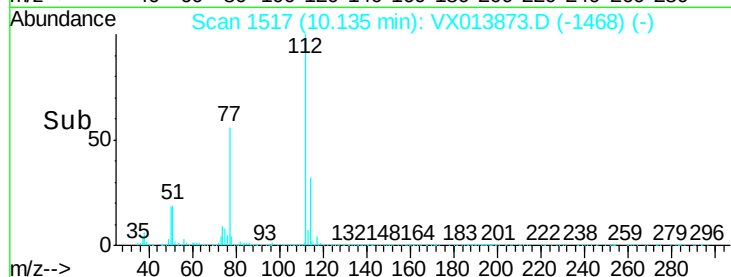
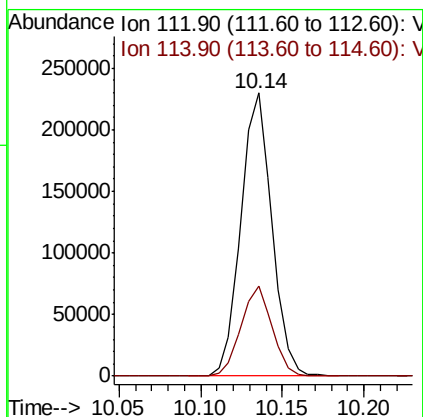
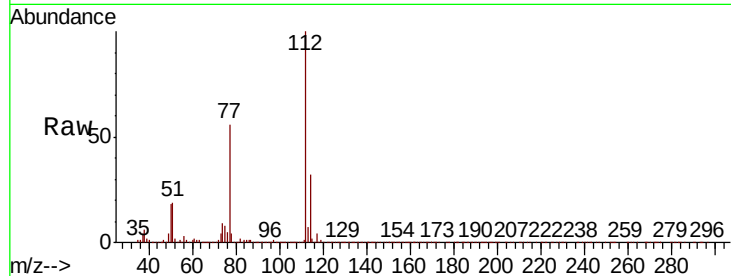
#65
Chlorobenzene
Concen: 18.799 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013873.D
Acq: 10 Dec 2019 00:44

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD02

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.6	26.1	39.1

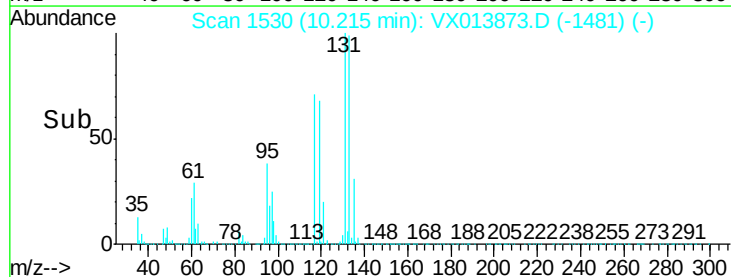
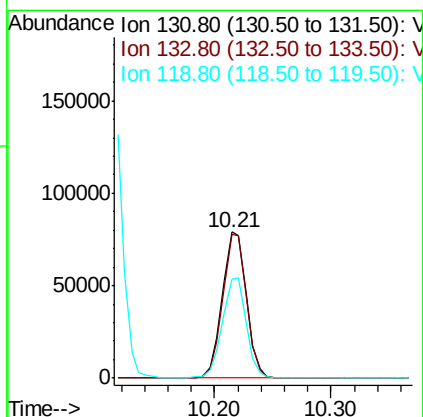
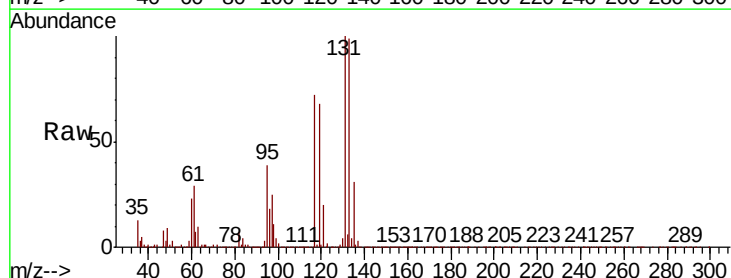
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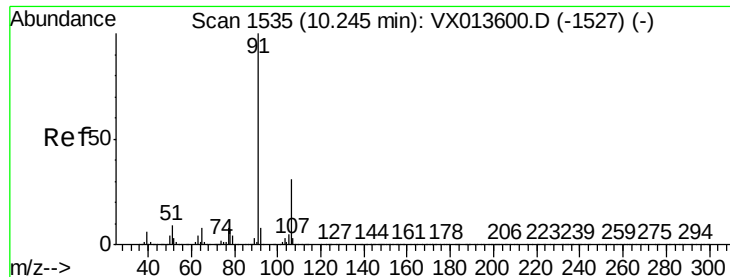
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.318 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX013873.D
Acq: 10 Dec 2019 00:44

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.9	47.7	143.1
119	67.4	32.9	98.6





#67

Ethyl Benzene

Concen: 19.151 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX013873.D

Acq: 10 Dec 2019 00:44

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBSD02

Tot Ion: 91 Resp: 534874

Ion Ratio Lower Upper

91 100

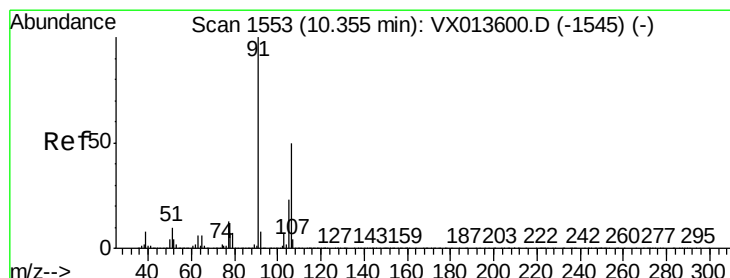
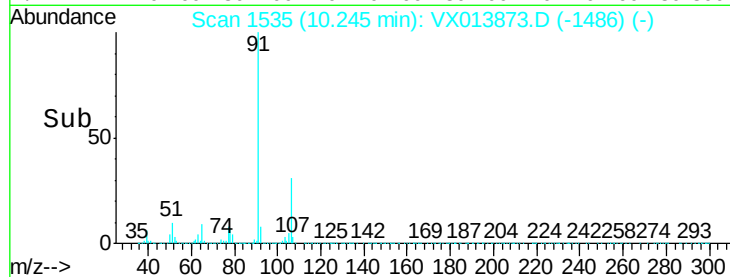
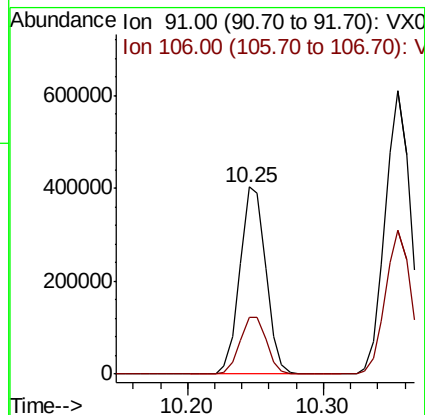
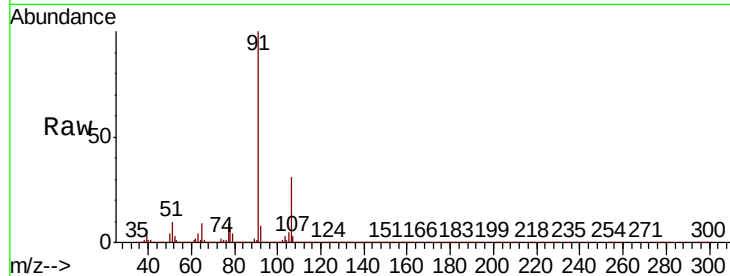
106 30.6 24.5 36.7

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#68

m/p-Xylenes

Concen: 38.316 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013873.D

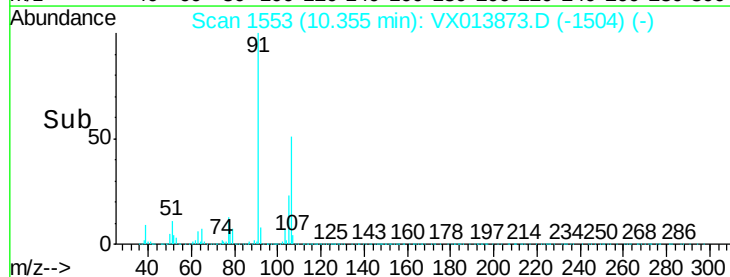
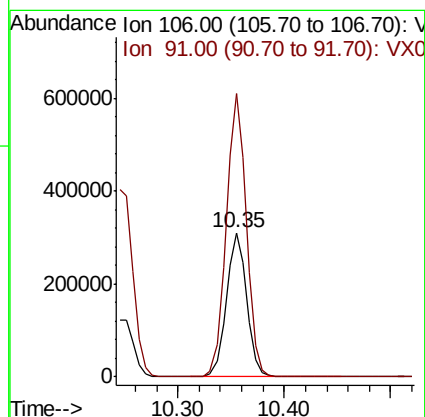
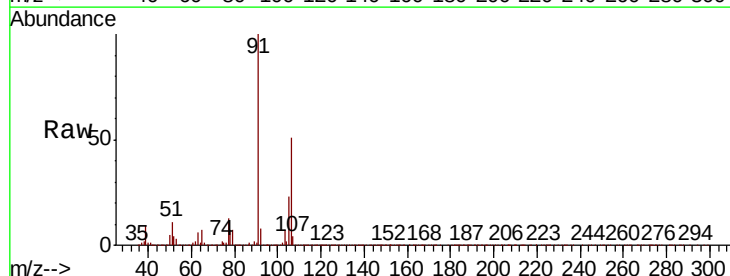
Acq: 10 Dec 2019 00:44

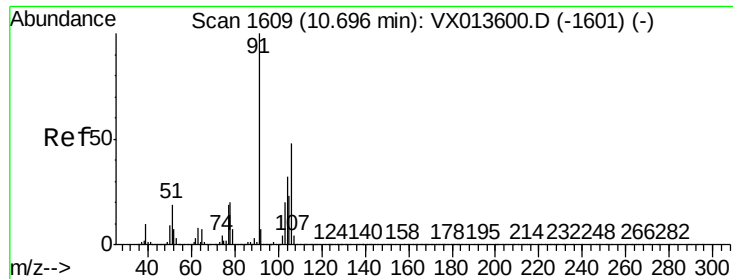
Tgt Ion: 106 Resp: 409700

Ion Ratio Lower Upper

106 100

91 195.8 159.0 238.4





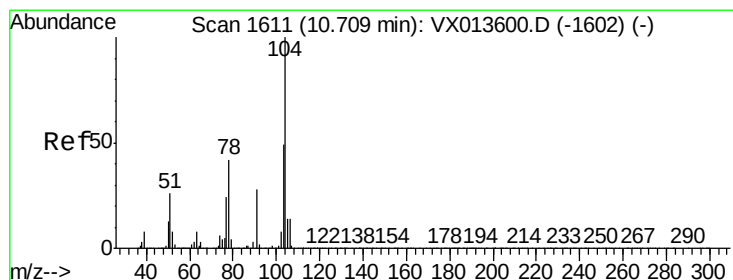
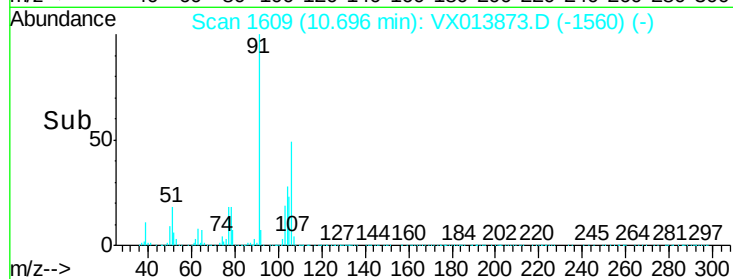
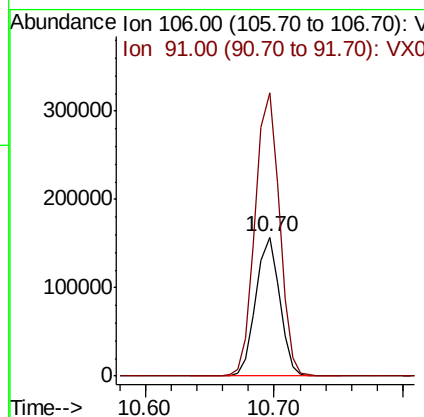
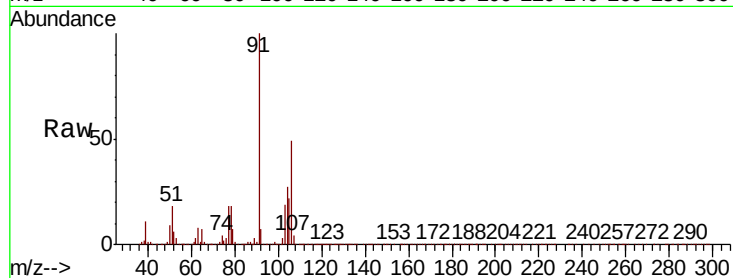
#69
o-Xylene
Concen: 19.214 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013873.D
Acq: 10 Dec 2019 00:44

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD02

Tot Ion	Ratio	Lower	Upper
106	100		
91	207.2	104.1	312.2

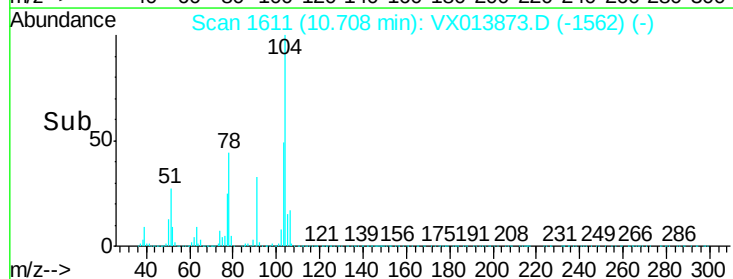
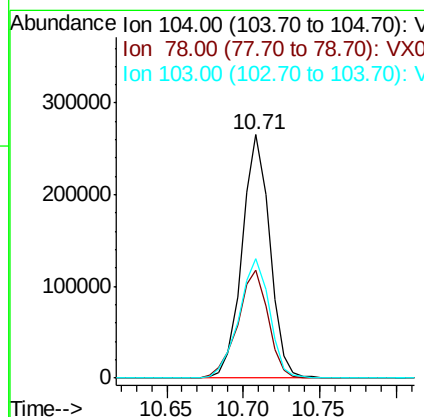
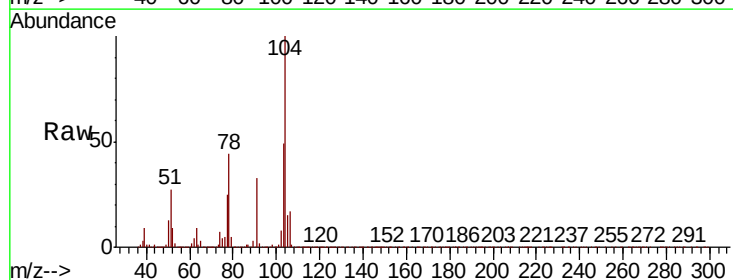
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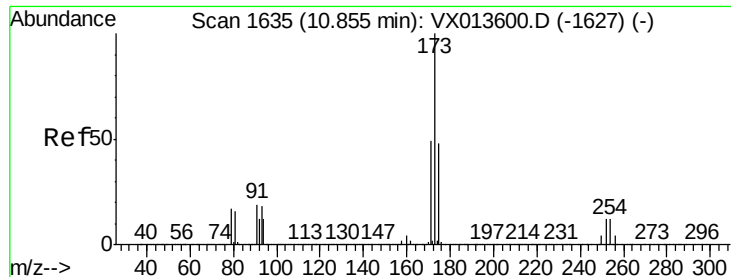
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#70
Styrene
Concen: 19.025 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013873.D
Acq: 10 Dec 2019 00:44

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.7	38.5	57.7
103	54.1	43.7	65.5





#71

Bromoform

Concen: 18.456 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX013873.D

Acq: 10 Dec 2019 00:44

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBSD02

Tot Ion:173 Resp: 89125

Ion Ratio Lower Upper

173 100

175 48.6 24.3 72.8

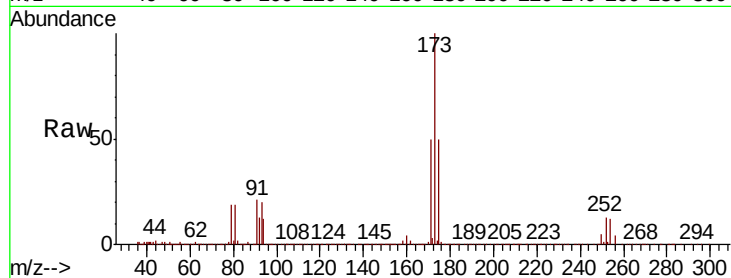
254 0.1 0.2 0.4#

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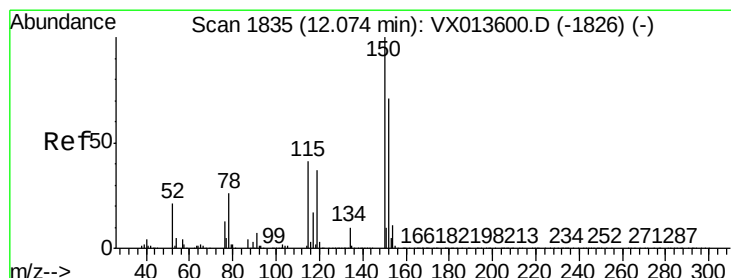
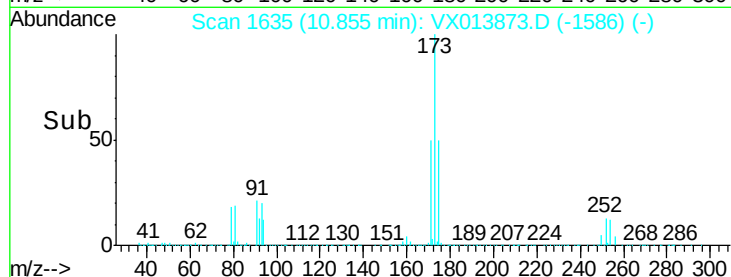
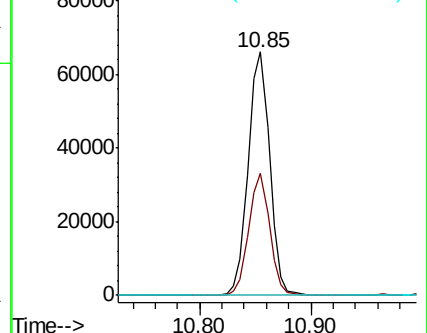
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013873.D

Acq: 10 Dec 2019 00:44

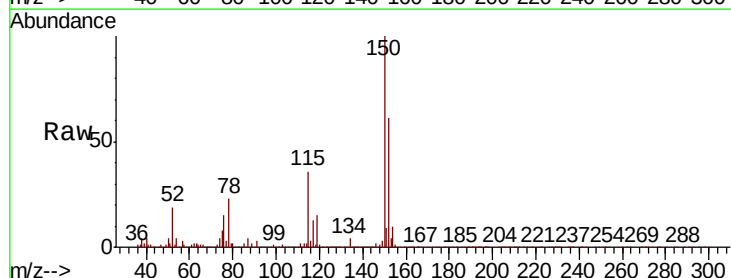
Tgt Ion:152 Resp: 371334

Ion Ratio Lower Upper

152 100

115 64.4 38.4 115.1

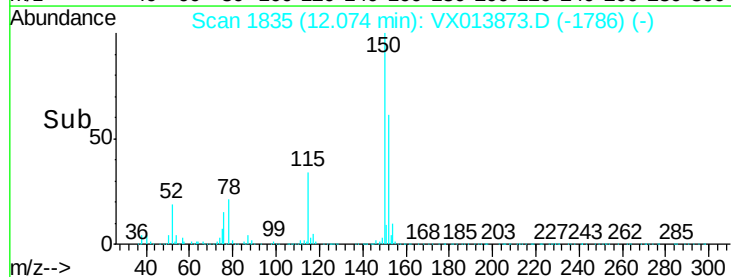
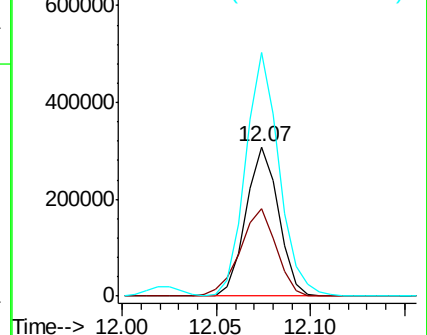
150 167.2 0.0 346.8

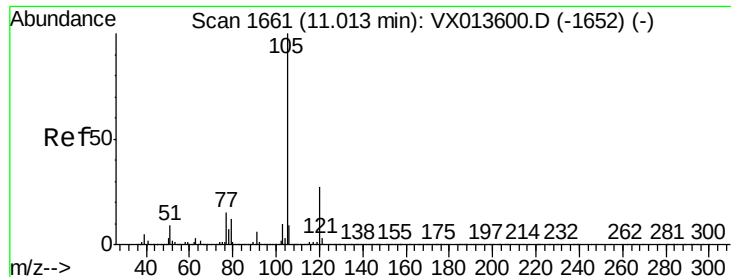


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.139 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013873.D

Acq: 10 Dec 2019 00:44

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBSD02

Tot Ion:105 Resp: 524584

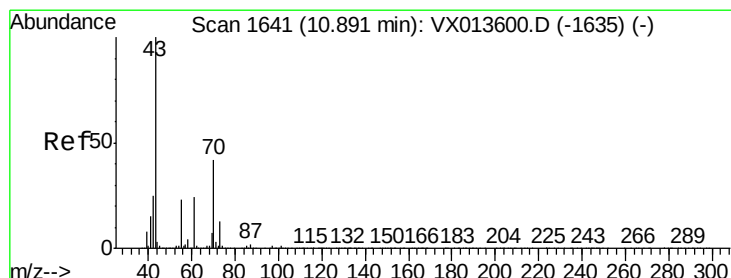
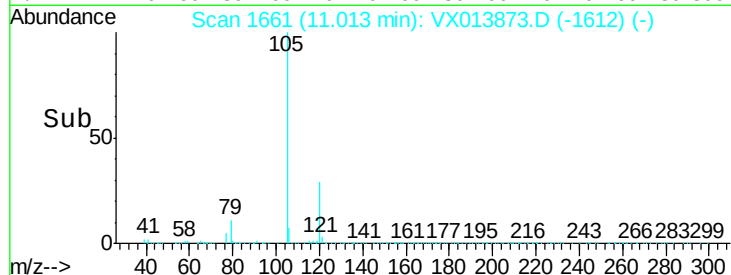
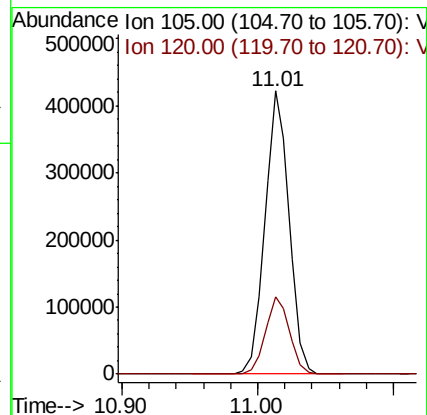
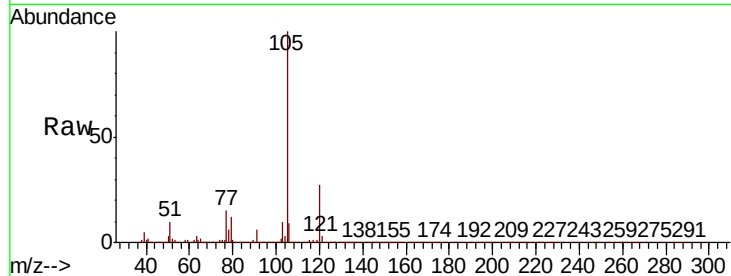
Ion Ratio Lower Upper

105 100

120 27.4 13.5 40.5

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#74

N-ethyl acetate

Concen: 19.605 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013873.D

Acq: 10 Dec 2019 00:44

Tgt Ion: 43 Resp: 233932

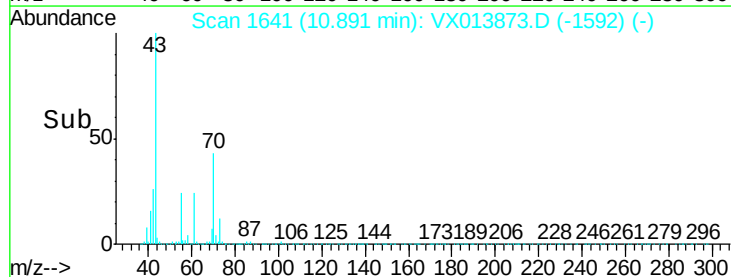
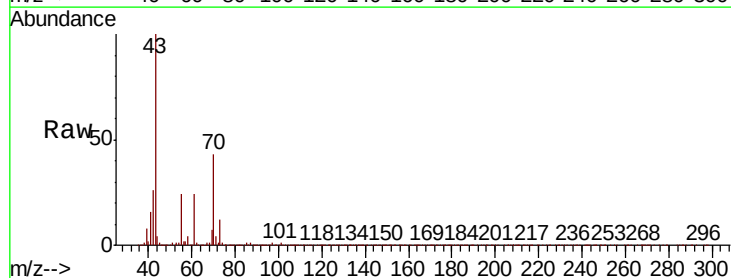
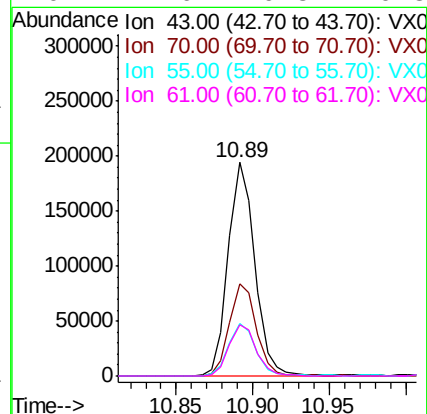
Ion Ratio Lower Upper

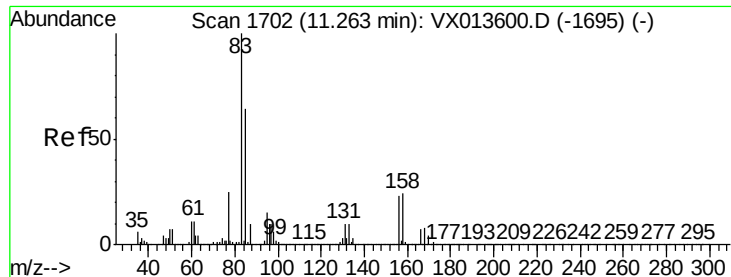
43 100

70 43.8 34.3 51.5

55 25.0 18.5 27.7

61 24.6 19.8 29.8





#75

1,1,2,2-Tetrachloroethane

Concen: 20.459 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013873.D

Acq: 10 Dec 2019 00:44

Instrument :

MSVOA_X

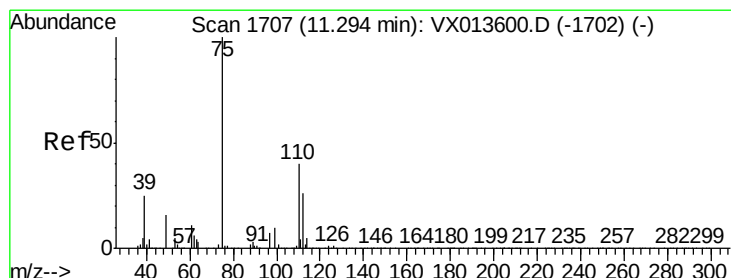
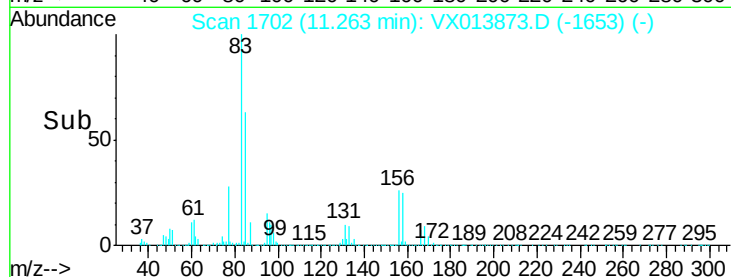
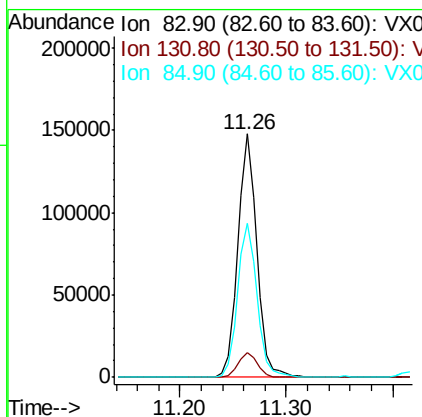
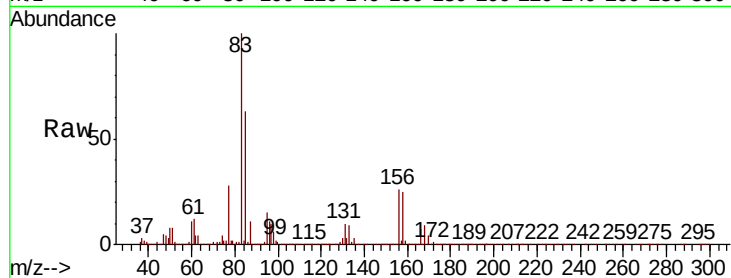
ClientSampleId :

VX1209WBSD02

Tot Ion:	83	Resp:	184810
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.1	15.3
85	65.0	31.8	95.3

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#76

1,2,3-Trichloropropane

Concen: 20.633 ug/l m

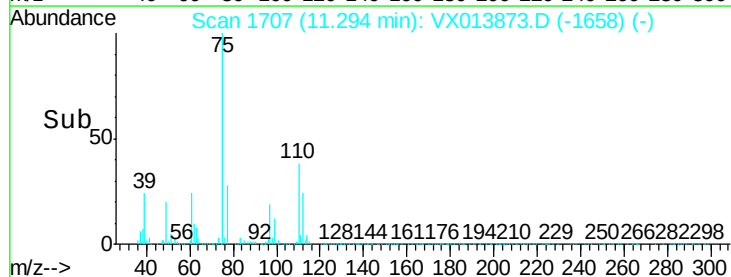
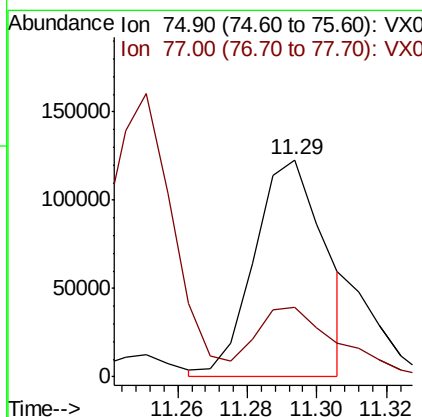
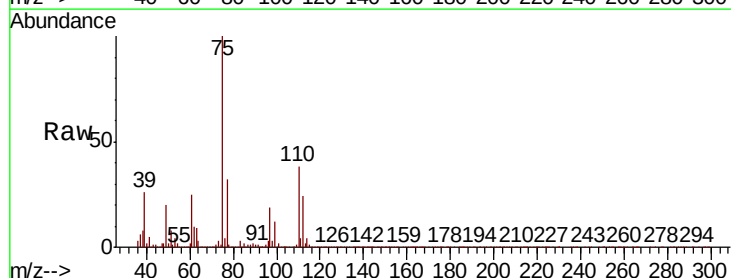
RT: 11.29 min Scan# 1707

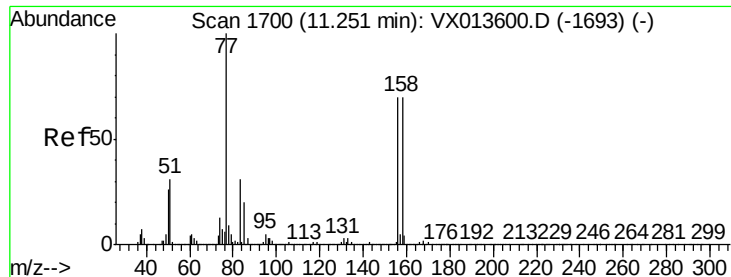
Delta R.T. -0.00 min

Lab File: VX013873.D

Acq: 10 Dec 2019 00:44

Tgt Ion:	75	Resp:	172328
Ion Ratio	Lower	Upper	
75	100		
77	37.6	19.1	57.5





#77

Bromobenzene

Concen: 19.706 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013873.D

Acq: 10 Dec 2019 00:44

Instrument :

MSVOA_X

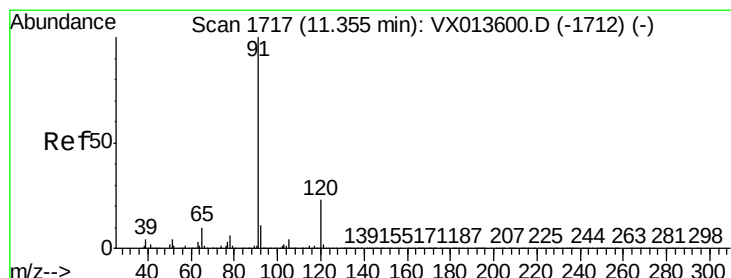
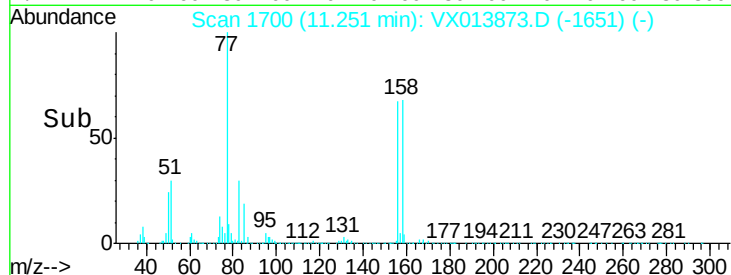
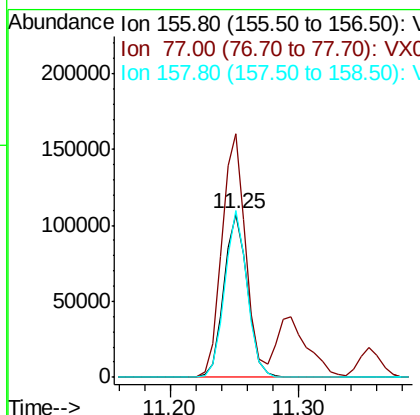
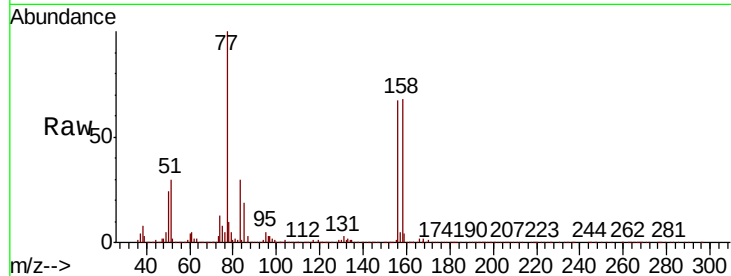
ClientSampleId :

VX1209WBSD02

Tot Ion:	156	Resp:	138668
Ion Ratio	Lower	Upper	
156	100		
77	150.3	74.4	223.1
158	97.8	48.9	146.6

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#78

n-propylbenzene

Concen: 19.879 ug/l

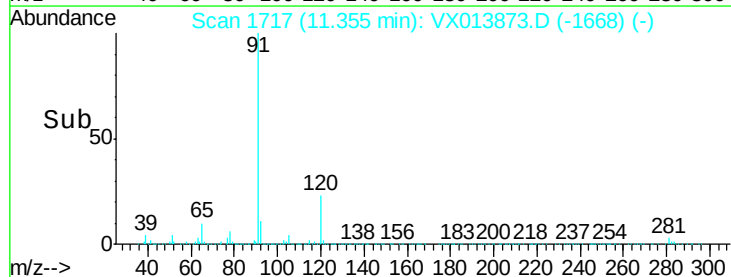
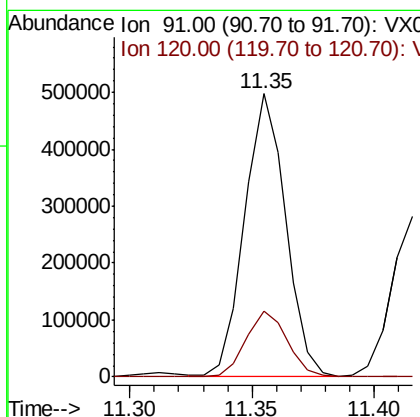
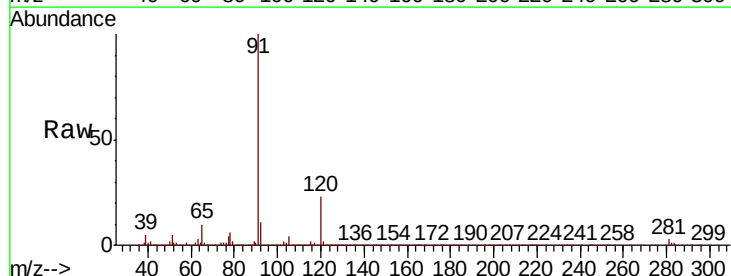
RT: 11.35 min Scan# 1717

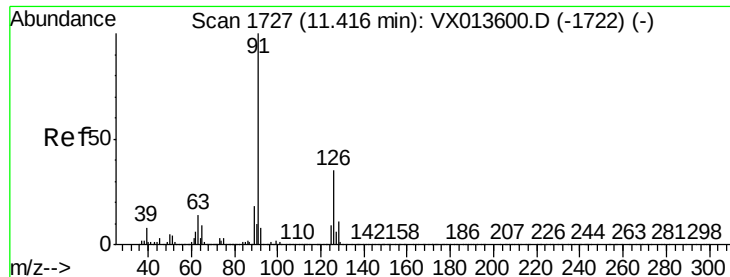
Delta R.T. -0.00 min

Lab File: VX013873.D

Acq: 10 Dec 2019 00:44

Tgt Ion:	91	Resp:	578031
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.8	35.3





#79

2-Chlorotoluene

Concen: 19.926 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013873.D

Acq: 10 Dec 2019 00:44

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBSD02

Tot Ion: 91 Resp: 347563

Ion Ratio Lower Upper

91 100

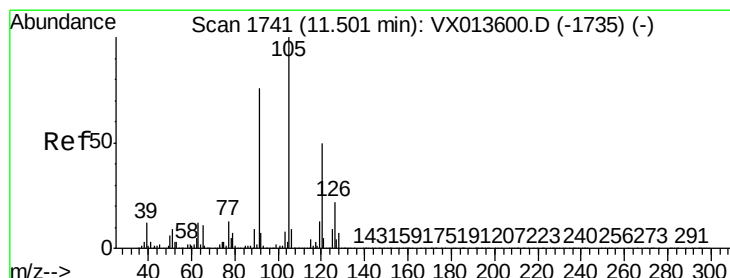
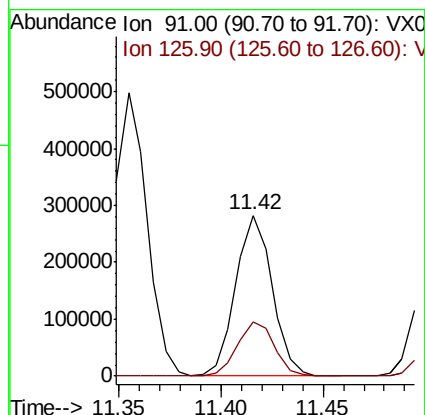
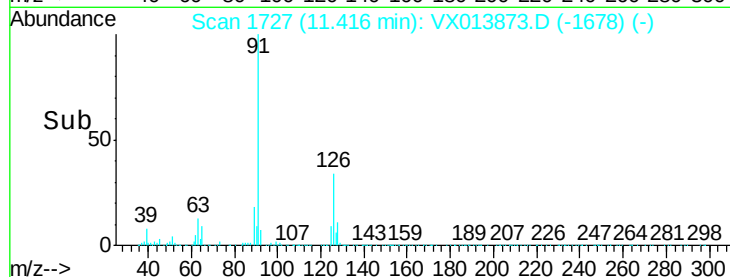
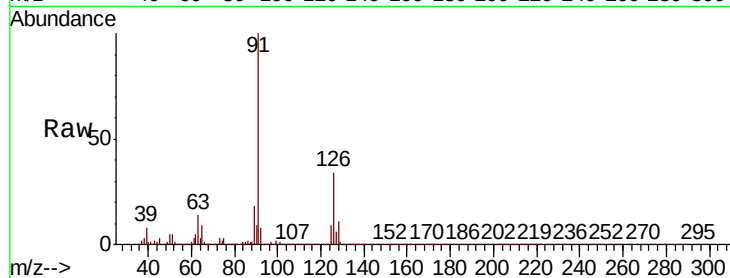
126 34.6 17.5 52.5

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#80

1,3,5-Trimethylbenzene

Concen: 20.111 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013873.D

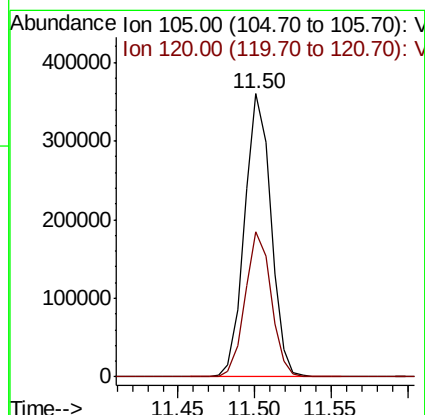
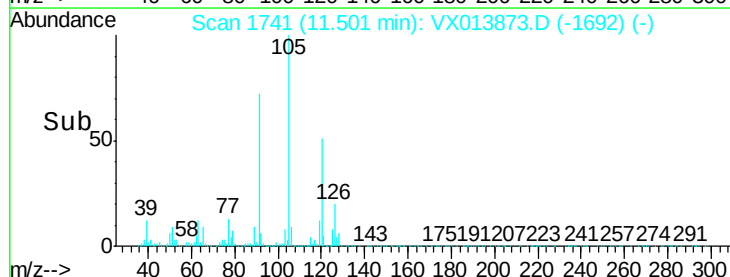
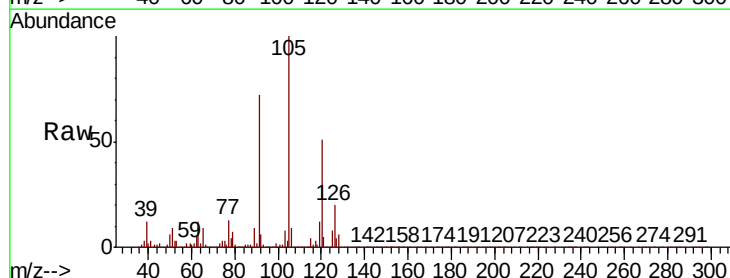
Acq: 10 Dec 2019 00:44

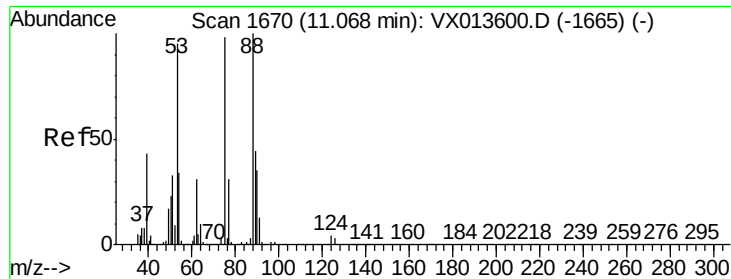
Tgt Ion: 105 Resp: 429330

Ion Ratio Lower Upper

105 100

120 50.9 25.3 75.9





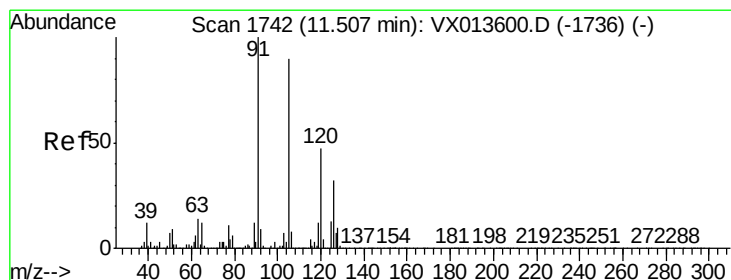
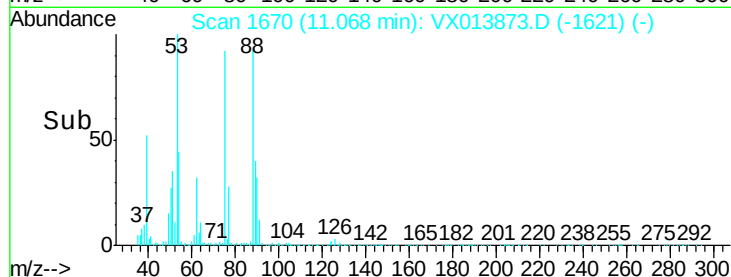
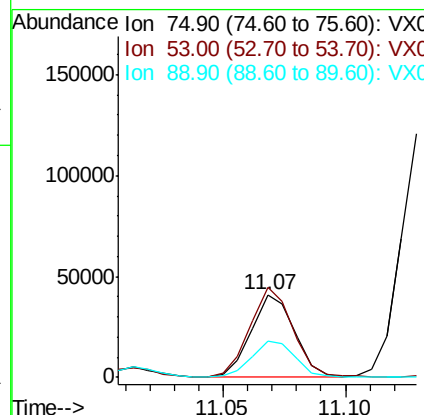
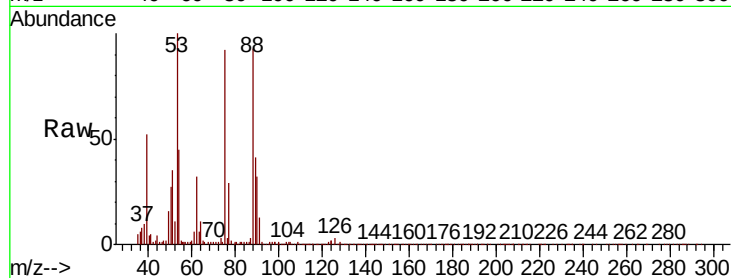
#81
trans-1,4-Dichloro-2-butene
Concen: 16.343 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX013873.D
Acq: 10 Dec 2019 00:44

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD02

Tot Ion	Ratio	Lower	Upper
75	100		
53	109.1	78.2	117.2
89	46.7	35.4	53.2

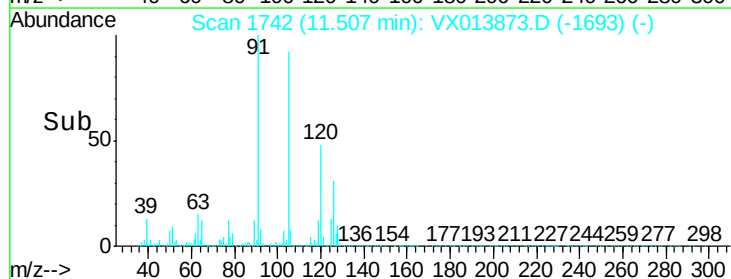
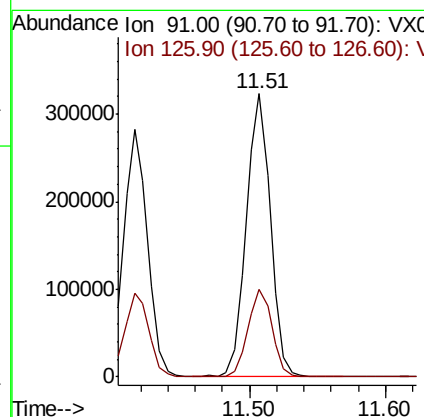
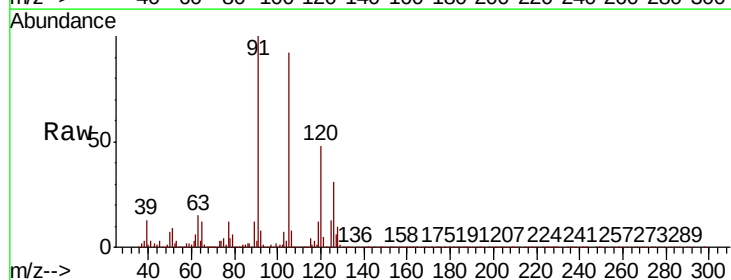
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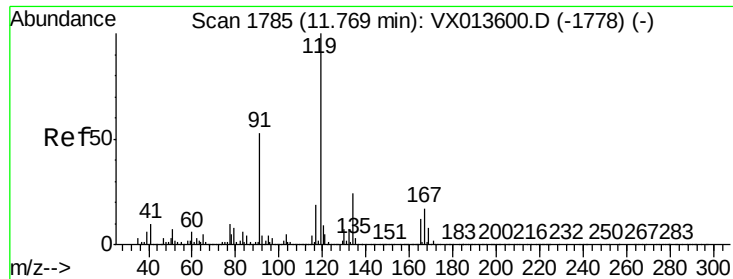
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#82
4-Chlorotoluene
Concen: 19.674 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX013873.D
Acq: 10 Dec 2019 00:44

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.1	15.7	47.0





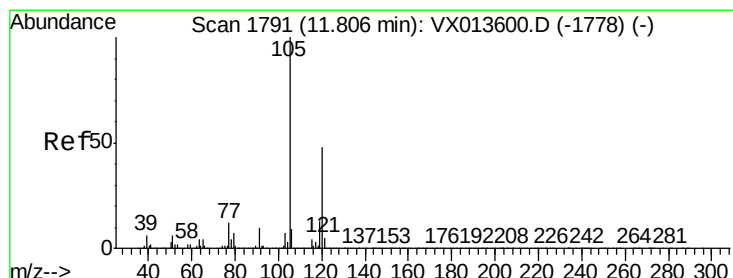
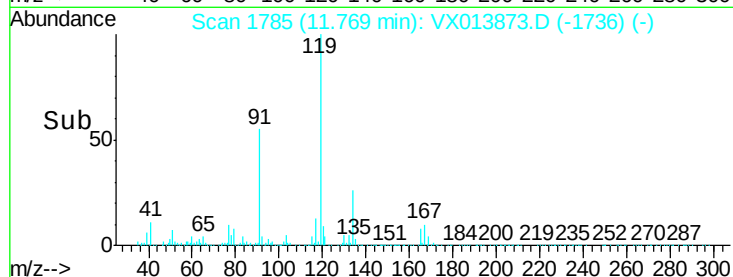
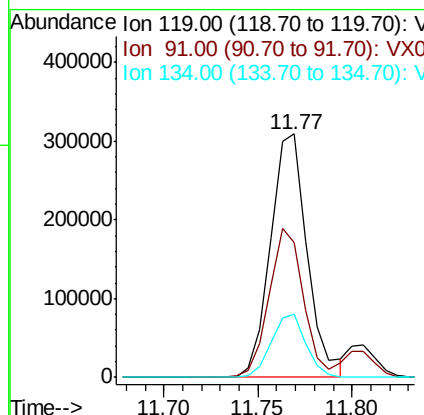
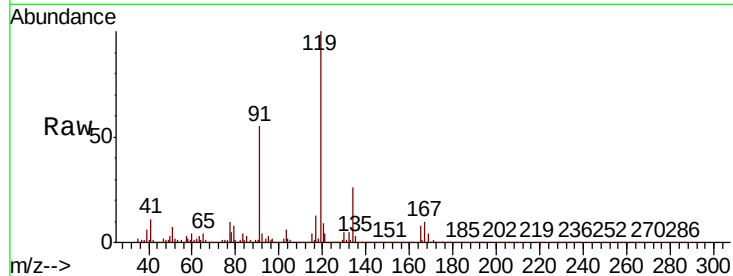
#83
tert-Butylbenzene
Concen: 19.222 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. -0.00 min
Lab File: VX013873.D
Acq: 10 Dec 2019 00:44

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD02

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

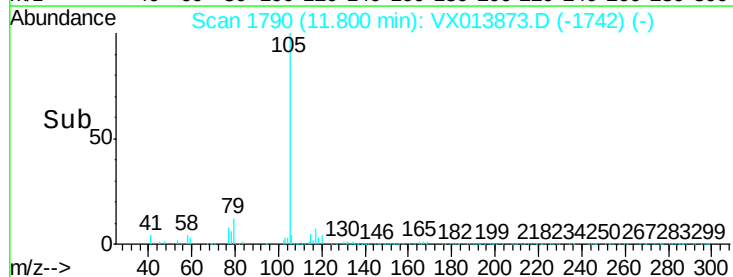
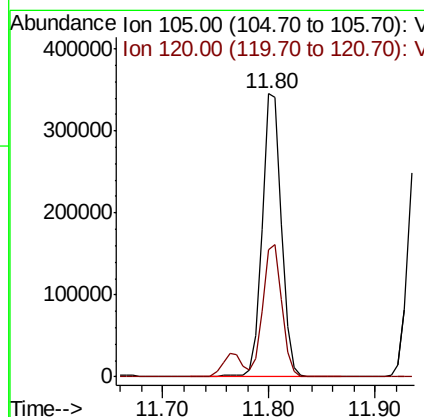
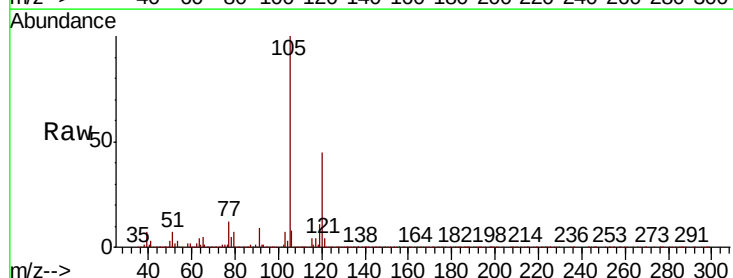
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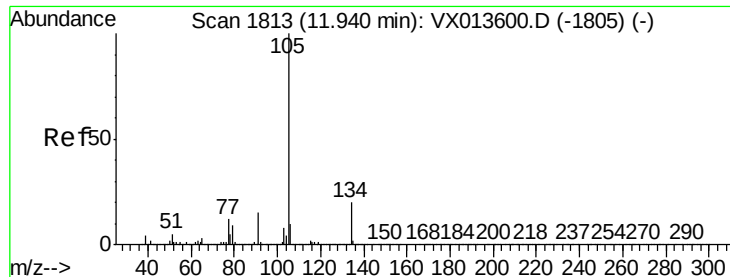
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#84
1,2,4-Trimethylbenzene
Concen: 20.235 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX013873.D
Acq: 10 Dec 2019 00:44

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.9	23.1	69.3





#85

sec-Butylbenzene

Concen: 20.004 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013873.D

Acq: 10 Dec 2019 00:44

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBSD02

Tot Ion:105 Resp: 495737

Ion Ratio Lower Upper

105 100

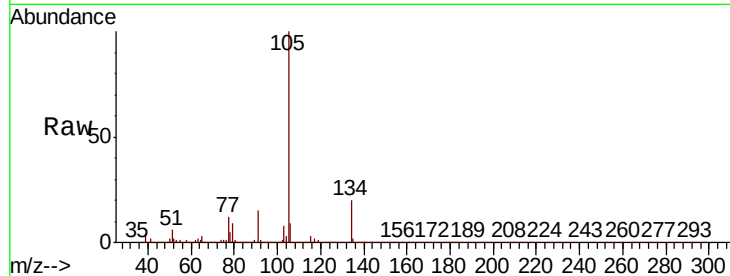
134 20.4 10.4 31.2

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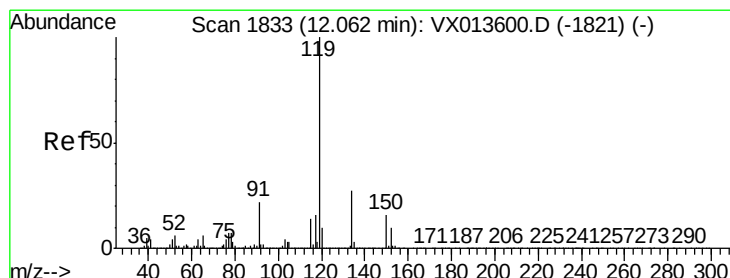
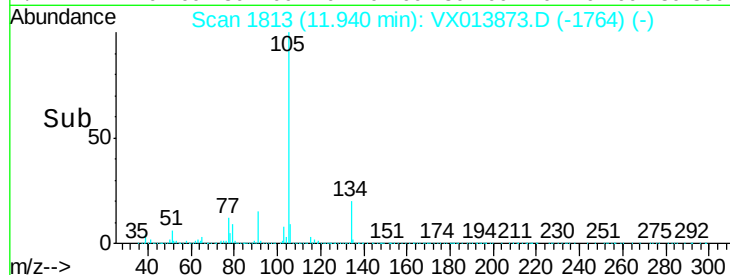
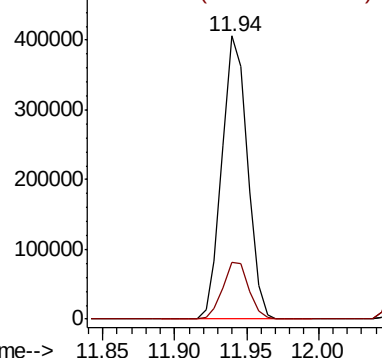
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.596 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013873.D

Acq: 10 Dec 2019 00:44

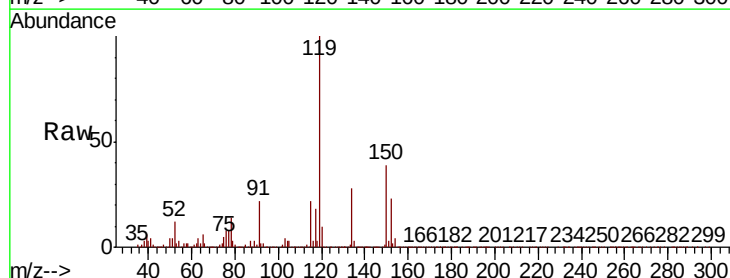
Tgt Ion:119 Resp: 451772

Ion Ratio Lower Upper

119 100

134 27.2 13.3 39.9

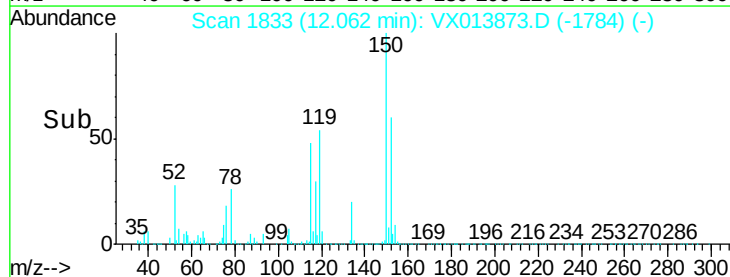
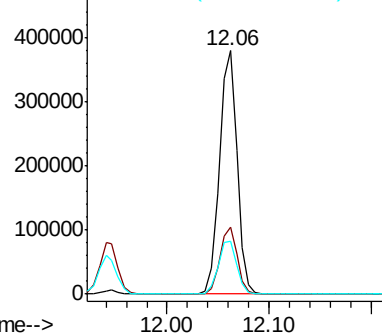
91 22.8 11.3 33.8

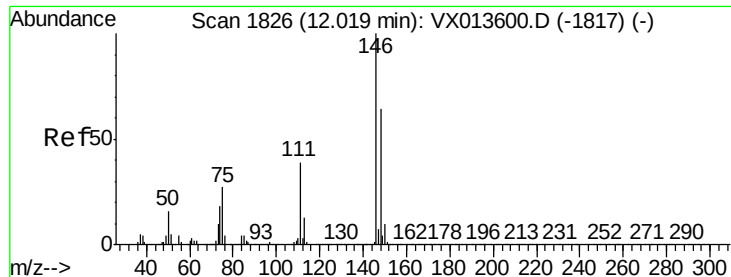


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





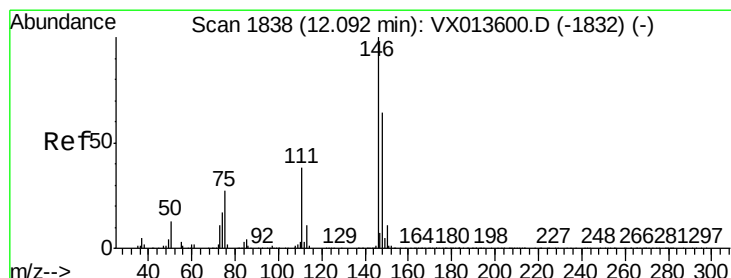
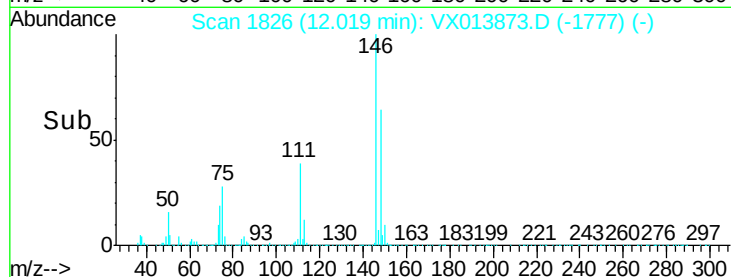
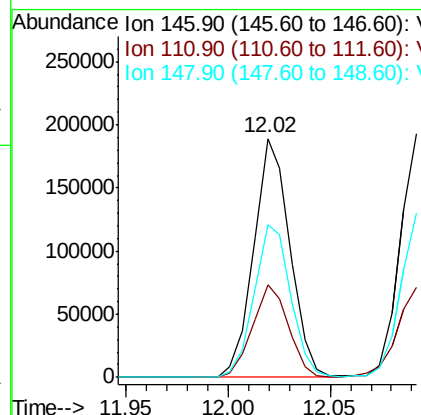
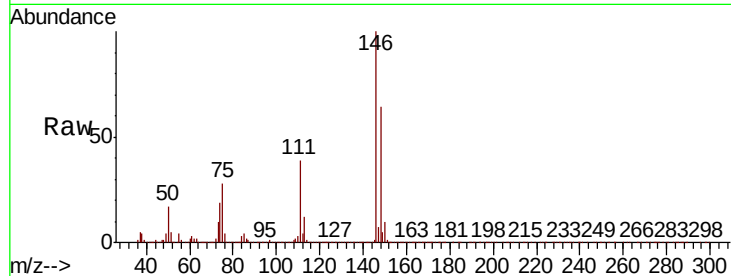
#87
 1,3-Dichlorobenzene
 Concen: 19.021 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013873.D
 Acq: 10 Dec 2019 00:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1209WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.0	57.0
148	64.8	31.8	95.4

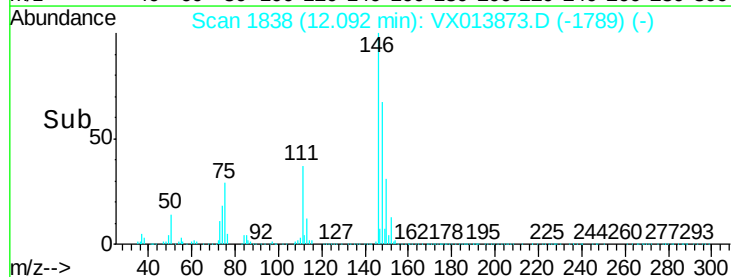
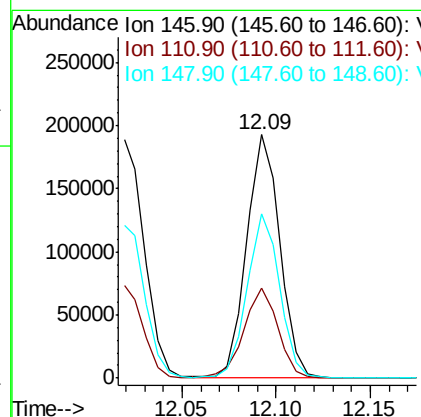
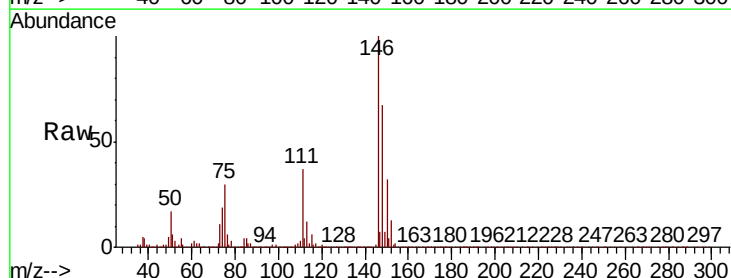
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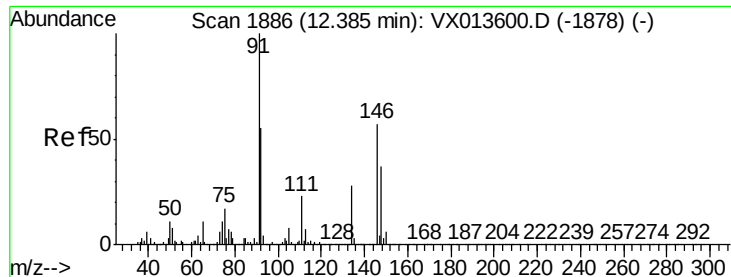
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#88
 1,4-Dichlorobenzene
 Concen: 18.768 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013873.D
 Acq: 10 Dec 2019 00:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.9	56.9
148	66.7	31.9	95.5





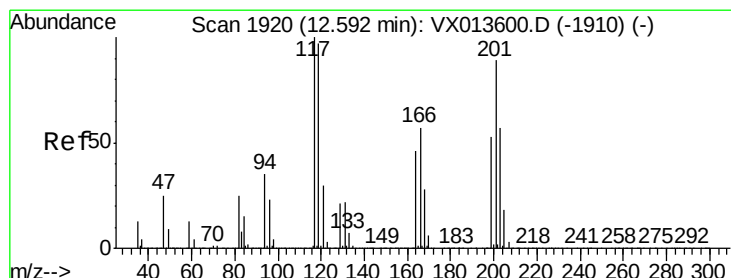
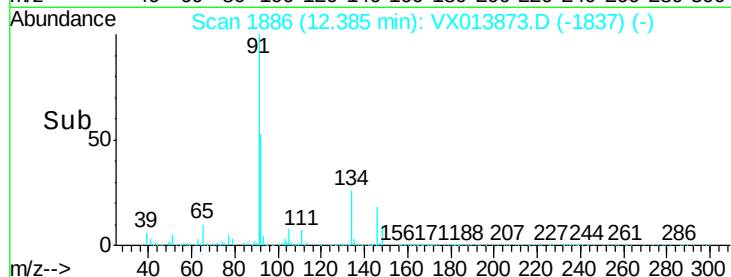
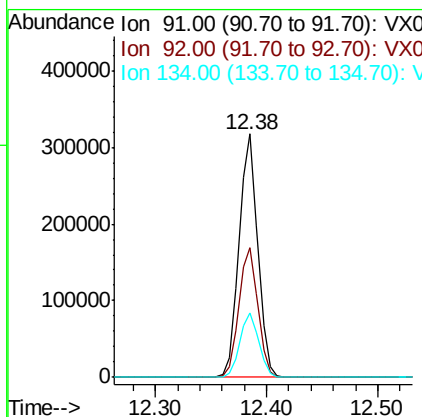
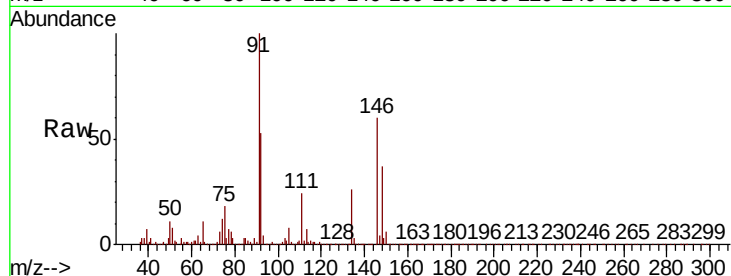
#89
n-Butylbenzene
Concen: 18.763 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013873.D
Acq: 10 Dec 2019 00:44

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD02

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.4	82.2
134	26.7	13.5	40.4

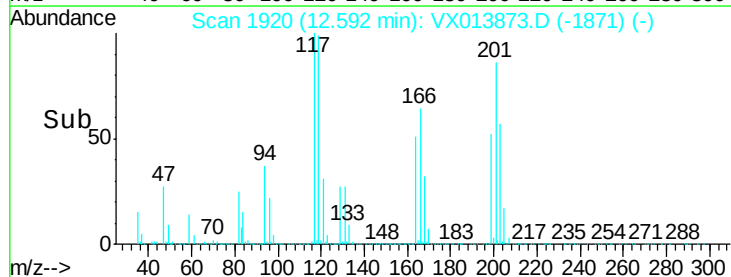
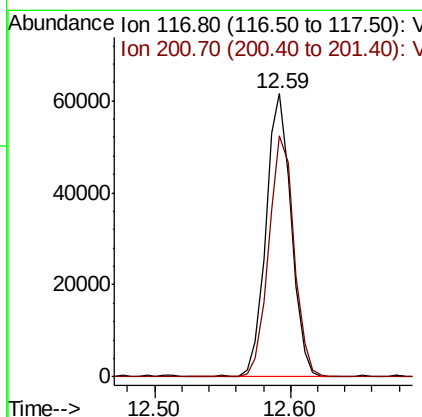
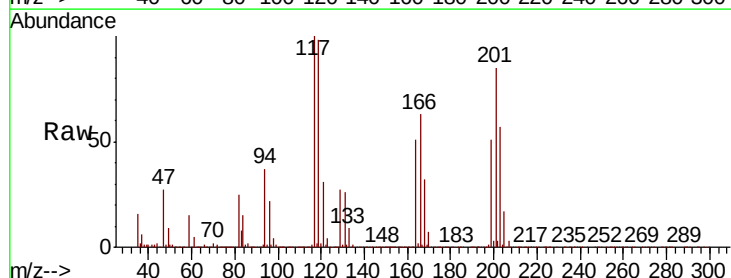
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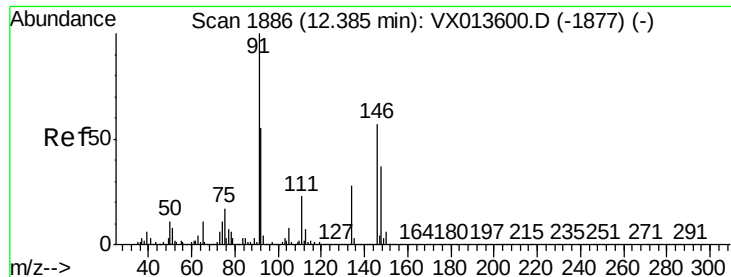
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#90
Hexachloroethane
Concen: 19.322 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013873.D
Acq: 10 Dec 2019 00:44

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.4	44.1	132.4





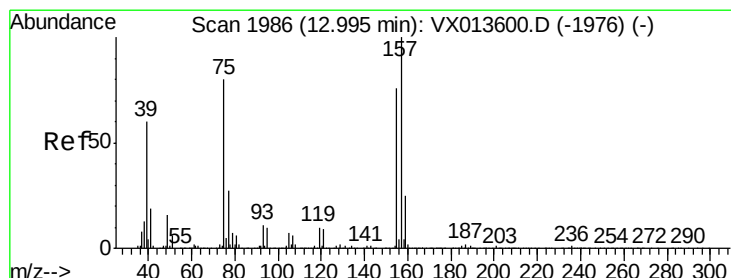
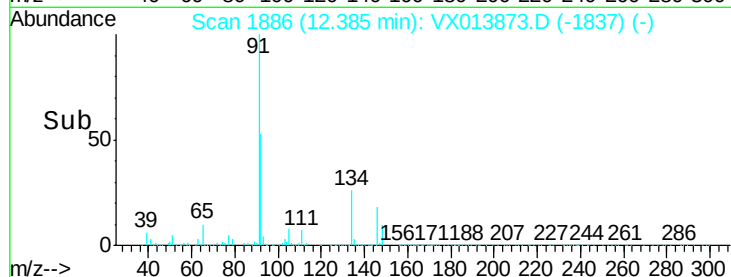
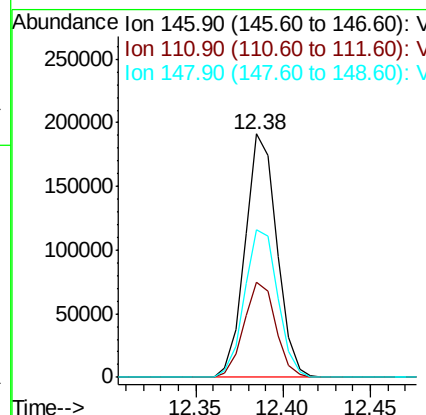
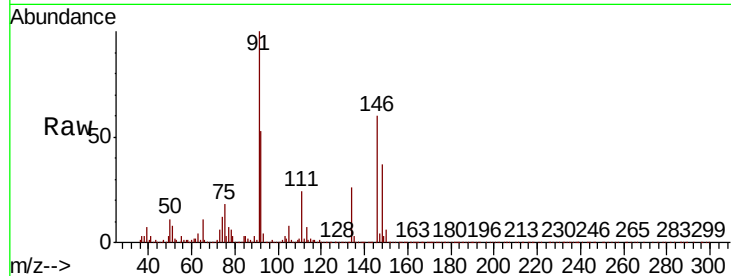
#91
 1,2-Dichlorobenzene
 Concen: 19.869 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013873.D
 Acq: 10 Dec 2019 00:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1209WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.6	58.7
148	63.5	31.9	95.7

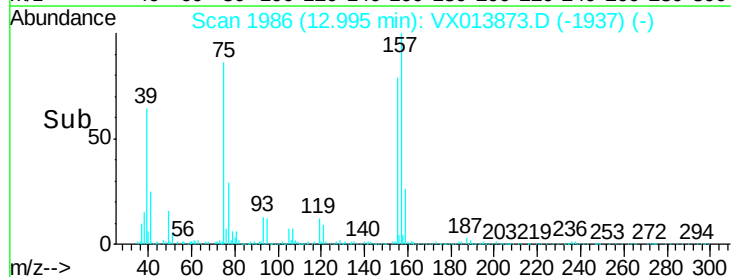
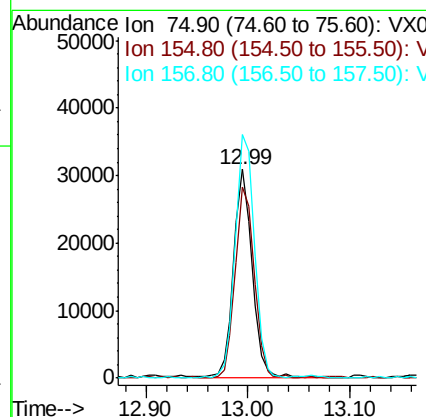
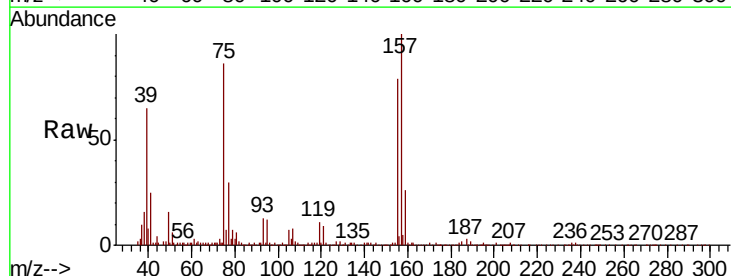
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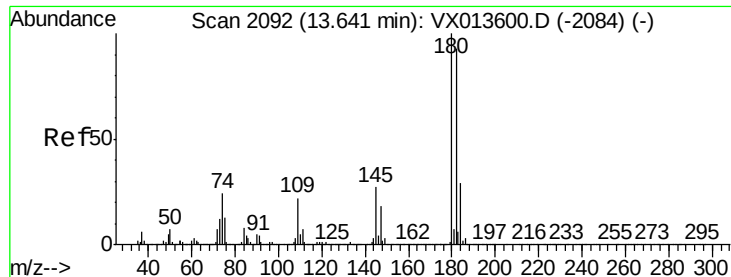
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.608 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX013873.D
 Acq: 10 Dec 2019 00:44

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.6	47.6	142.8
157	121.3	62.1	186.2





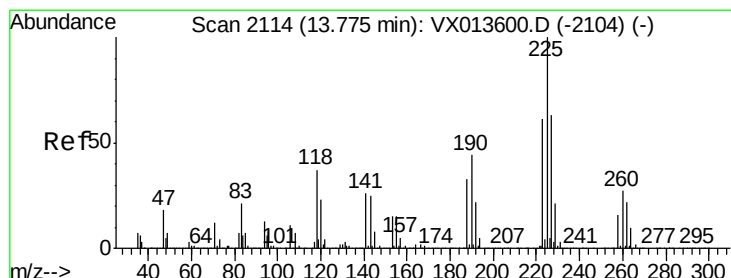
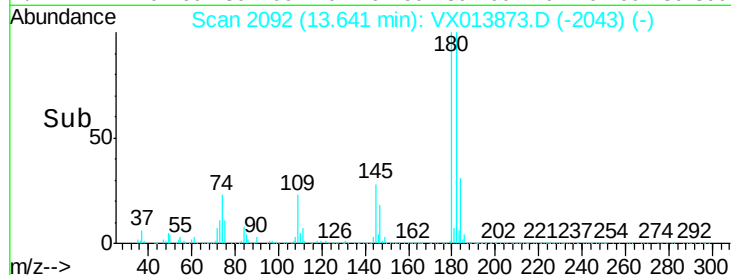
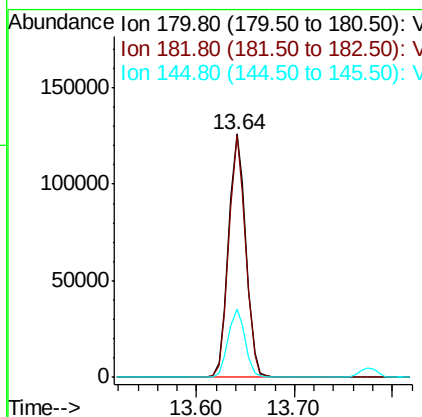
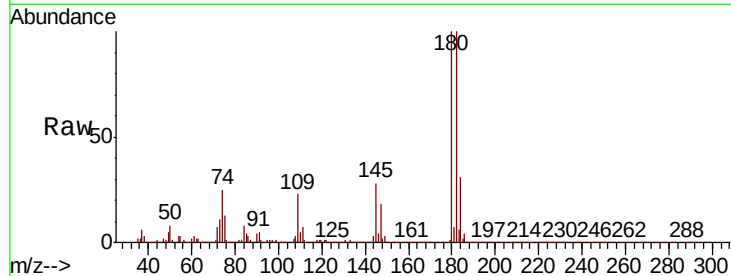
#93
1,2,4-Trichlorobenzene
Concen: 18.485 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. -0.00 min
Lab File: VX013873.D
Acq: 10 Dec 2019 00:44

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	156136		
182	96.1	47.2	141.6	
145	27.5	13.8	41.4	

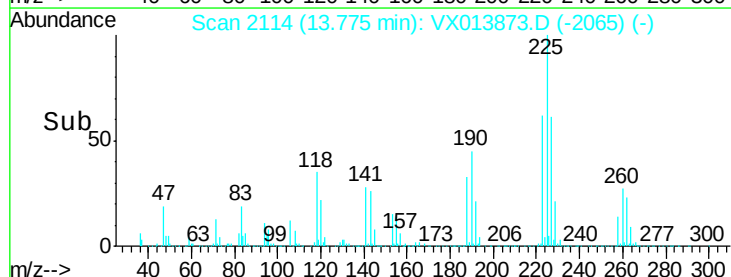
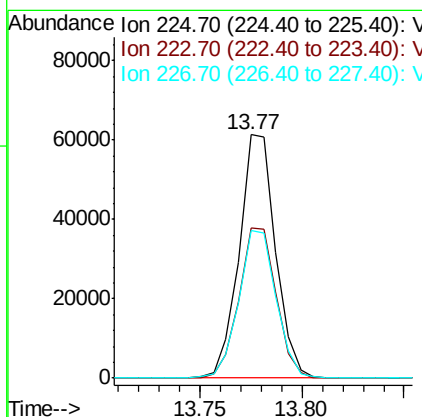
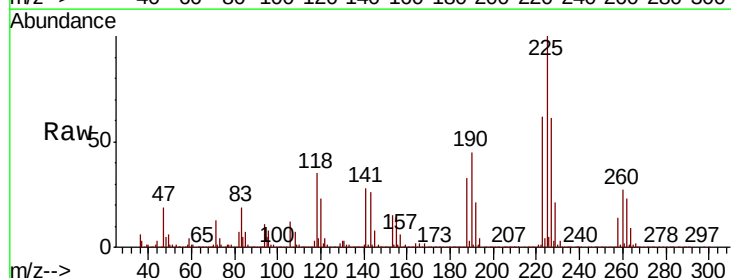
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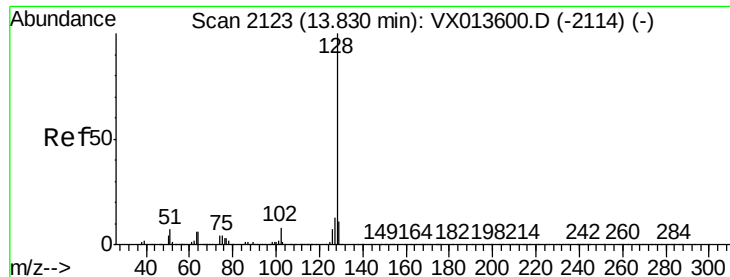
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#94
Hexachlorobutadiene
Concen: 18.626 ug/l
RT: 13.77 min Scan# 2114
Delta R.T. -0.00 min
Lab File: VX013873.D
Acq: 10 Dec 2019 00:44

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	75575		
223	63.8	31.9	95.5	
227	63.1	32.1	96.3	





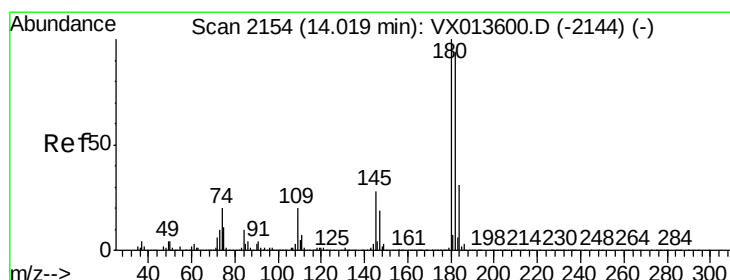
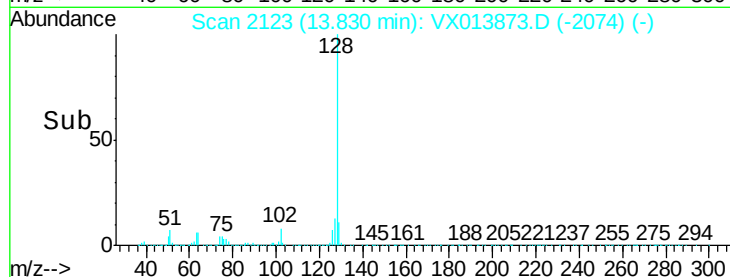
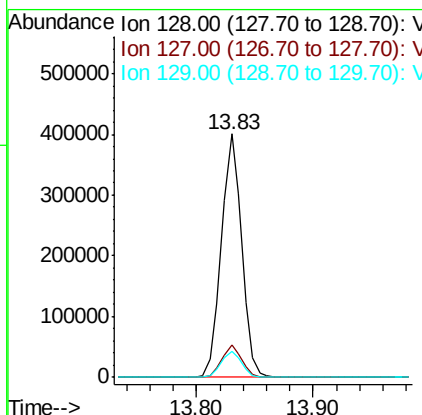
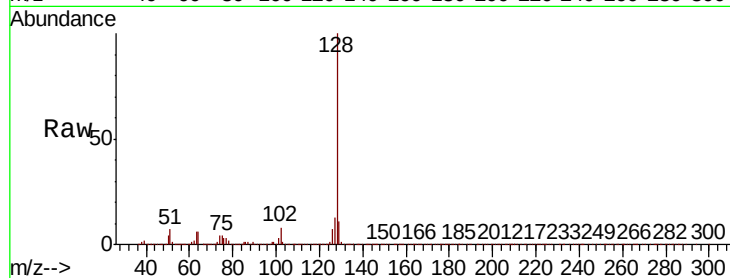
#95
Naphthalene
Concen: 19.182 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013873.D
Acq: 10 Dec 2019 00:44

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD02

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	10.6	8.7	13.1

Manual Integrations
APPROVED

apatel
12/11/2019 8:54:52 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.200 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. -0.00 min
Lab File: VX013873.D
Acq: 10 Dec 2019 00:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.6	142.8
145	29.8	15.0	45.0

