

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122619\
 Data File : VX014263.D
 Acq On : 26 Dec 2019 12:51
 Operator : JC/SP
 Sample : VX1226MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1226MBS01

Manual Integrations
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 12/27/2019 12:03:10 PM

Quant Time: Dec 27 06:44:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	476776	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	718353	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	655331	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	319424	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	280086	51.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.66%	
35) Dibromofluoromethane	5.48	113	232482	53.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.48%	
50) Toluene-d8	8.71	98	886785	52.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.32%	
62) 4-Bromofluorobenzene	11.13	95	314394	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	74473	17.460	ug/l	99
3) Chloromethane	1.32	50	106517	18.608	ug/l	100
4) Vinyl Chloride	1.40	62	111097	18.393	ug/l	99
5) Bromomethane	1.63	94	70378	16.417	ug/l	98
6) Chloroethane	1.72	64	71724	19.240	ug/l	96
7) Trichlorofluoromethane	1.92	101	144082	19.270	ug/l	98
8) Diethyl Ether	2.18	74	68351	19.478	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	89192	19.789	ug/l	99
10) Methyl Iodide	2.50	142	102789	19.008	ug/l	98
11) Tert butyl alcohol	3.03	59	116888	100.110	ug/l	99
12) 1,1-Dichloroethene	2.37	96	85065	18.548	ug/l	95
13) Acrolein	2.28	56	62529	93.555	ug/l	97
14) Allyl chloride	2.72	41	164274	20.061	ug/l	100
15) Acrylonitrile	3.12	53	290675	106.660	ug/l	98
16) Acetone	2.43	43	258046	73.557	ug/l	99
17) Carbon Disulfide	2.56	76	216900	17.530	ug/l	99
18) Methyl Acetate	2.76	43	151867	21.847	ug/l	96
19) Methyl tert-butyl Ether	3.18	73	307755	20.421	ug/l	100
20) Methylene Chloride	2.84	84	107118	19.390	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	92996	18.405	ug/l	99
22) Diisopropyl ether	3.84	45	341940	20.955	ug/l	94
23) Vinyl Acetate	3.80	43	1454023	109.190	ug/l	99
24) 1,1-Dichloroethane	3.69	63	177766	19.581	ug/l	99
25) 2-Butanone	4.65	43	406442	93.974	ug/l	97
26) 2,2-Dichloropropane	4.57	77	137187	19.462	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	113107	19.794	ug/l	99
28) Bromochloromethane	5.00	49	79244	22.944	ug/l	99
29) Tetrahydrofuran	5.11	42	262623	108.561	ug/l	98
30) Chloroform	5.19	83	173625	20.174	ug/l	99
31) Cyclohexane	5.57	56	156758	19.414	ug/l	93
32) 1,1,1-Trichloroethane	5.48	97	141224	19.254	ug/l	99
36) 1,1-Dichloropropene	5.79	75	126010	19.118	ug/l	99
37) Ethyl Acetate	4.81	43	157359	21.619	ug/l	98
38) Carbon Tetrachloride	5.77	117	117692	19.600	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	156636	19.246	ug/l	97
40) Benzene	6.13	78	406760	20.057	ug/l	100
41) Methacrylonitrile	5.03	41	86582	21.439	ug/l	100
42) 1,2-Dichloroethane	6.18	62	141165	20.534	ug/l	100
43) Isopropyl Acetate	6.43	43	255204	21.186	ug/l	99
44) Trichloroethene	7.20	130	109382	19.527	ug/l	98
45) 1,2-Dichloropropane	7.50	63	107741	20.727	ug/l	96
46) Dibromomethane	7.65	93	69665	20.271	ug/l	98
47) Bromodichloromethane	7.89	83	130904	20.224	ug/l	100
48) Methyl methacrylate	7.76	41	121421	20.585	ug/l	99
49) 1,4-Dioxane	7.73	88	51190	426.456	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	803606	106.227	ug/l	99
52) Toluene	8.78	92	250779	19.563	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	144354	20.340	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	162406	20.540	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	105313	20.498	ug/l	98
56) Ethyl methacrylate	9.17	69	163890	20.308	ug/l	99
57) 1,3-Dichloropropane	9.36	76	176905	20.466	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	330084	108.078	ug/l	100
59) 2-Hexanone	9.48	43	601536	98.777	ug/l	99
60) Dibromochloromethane	9.57	129	105028	20.566	ug/l	99
61) 1,2-Dibromoethane	9.67	107	109377	20.808	ug/l	99
64) Tetrachloroethene	9.33	164	114320	19.714	ug/l	97
65) Chlorobenzene	10.13	112	271520	19.486	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	98975	19.894	ug/l	100
67) Ethyl Benzene	10.25	91	470637	19.646	ug/l	99
68) m/p-Xylenes	10.35	106	359743	39.044	ug/l	98
69) o-Xylene	10.70	106	174991	19.365	ug/l	99
70) Styrene	10.71	104	291991	19.109	ug/l	98
71) Bromoform	10.85	173	79642	19.914	ug/l #	98
73) Isopropylbenzene	11.01	105	462639	20.571	ug/l	99
74) N-amyl acetate	10.89	43	213696	20.271	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	159796	20.494	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	135671m	19.564	ug/l	
77) Bromobenzene	11.25	156	122470	19.792	ug/l	97
78) n-propylbenzene	11.35	91	521162	20.659	ug/l	99
79) 2-Chlorotoluene	11.42	91	313254	20.428	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	385492	20.367	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	48718	19.829	ug/l	94
82) 4-Chlorotoluene	11.51	91	356112	20.020	ug/l	100
83) tert-Butylbenzene	11.76	119	366995	19.924	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	386403	20.385	ug/l	100
85) sec-Butylbenzene	11.94	105	447217	20.567	ug/l	100
86) p-Isopropyltoluene	12.06	119	406973	20.460	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	215018	19.827	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	214058	19.412	ug/l	99
89) n-Butylbenzene	12.39	91	343873	20.261	ug/l	100
90) Hexachloroethane	12.59	117	70637	19.771	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	213581	19.564	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	33560	19.450	ug/l	97

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Instrument :
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ClientSampleId :
VX1226MBS01

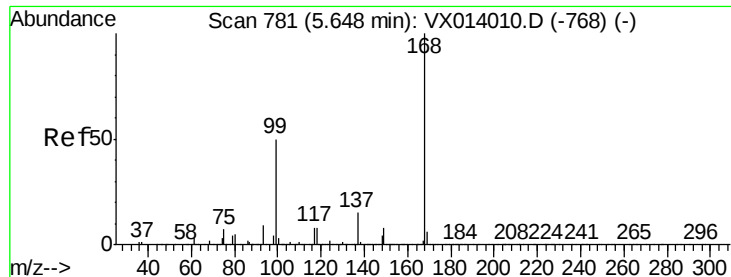
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	139471	19.656	ug/l	99
94) Hexachlorobutadiene	13.78	225	68835	20.185	ug/l	98
95) Naphthalene	13.83	128	415342	19.923	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	139807	19.960	ug/l	99

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



#1

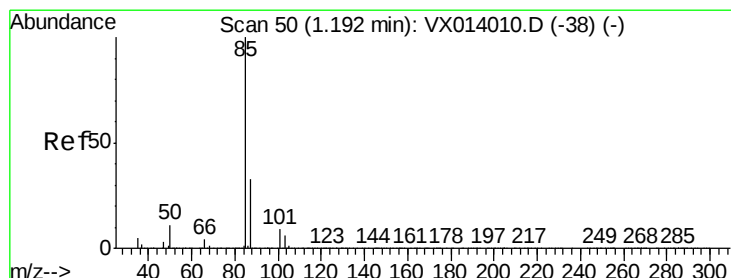
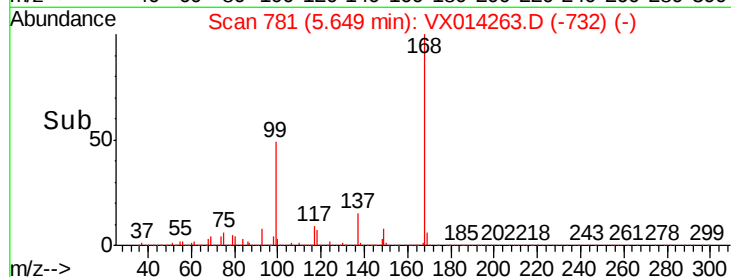
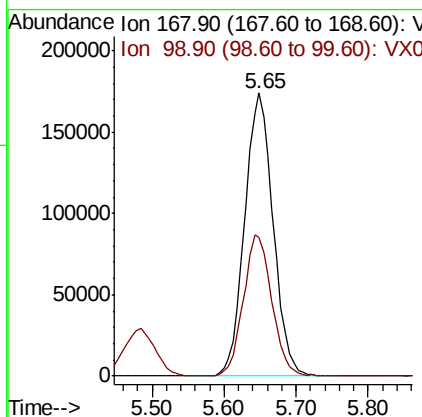
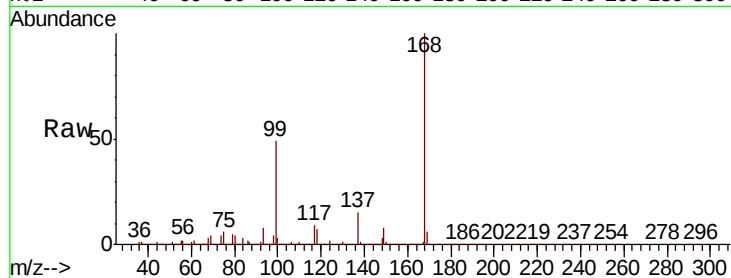
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. 0.00 min
 Lab File: VX014263.D
 Acq: 26 Dec 2019 12:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1226MBS01

Tot Ion	Ratio	Lower	Upper
168	100		
99	48.9	40.3	60.5

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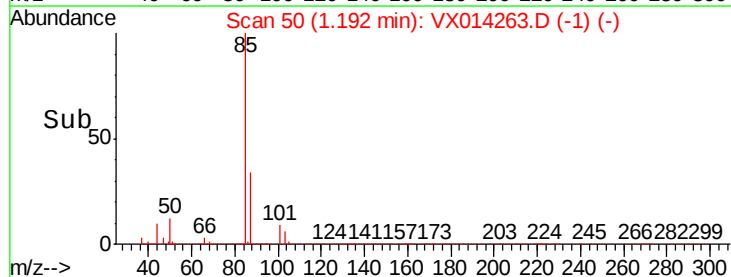
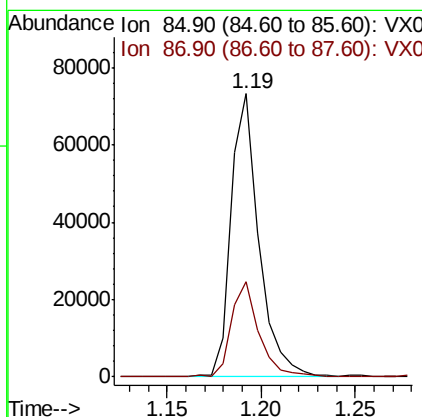
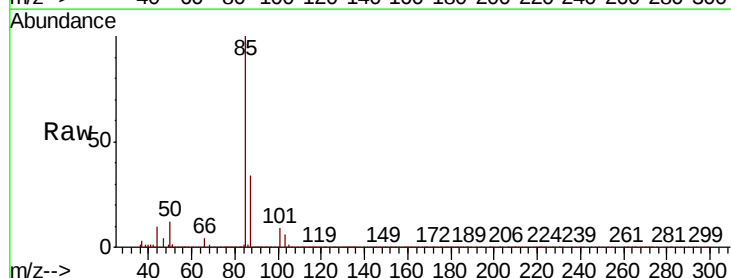
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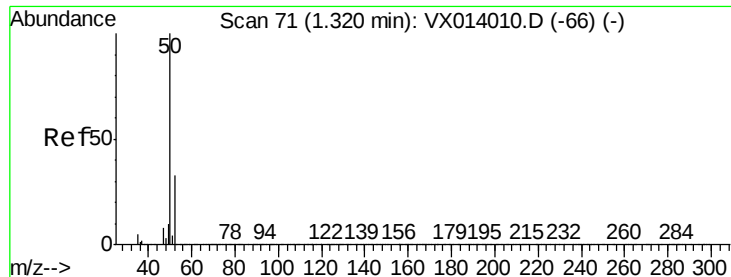


#2

Dichlorodifluoromethane
 Concen: 17.460 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.00 min
 Lab File: VX014263.D
 Acq: 26 Dec 2019 12:51

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.6	16.4	49.2





#3

Chloromethane

Concen: 18.608 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014263.D

Acq: 26 Dec 2019 12:51

Instrument :

MSVOA_X

ClientSampleId :

VX1226MBS01

Tot Ion: 50 Resp: 106517

Ion Ratio Lower Upper

50 100

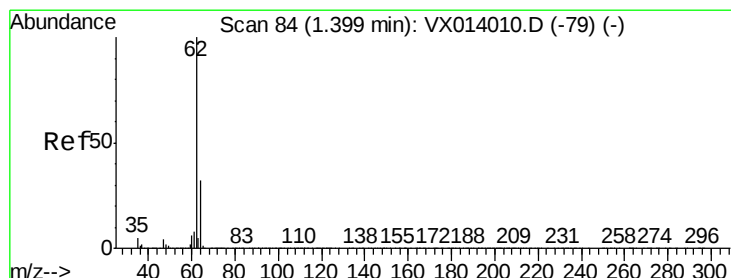
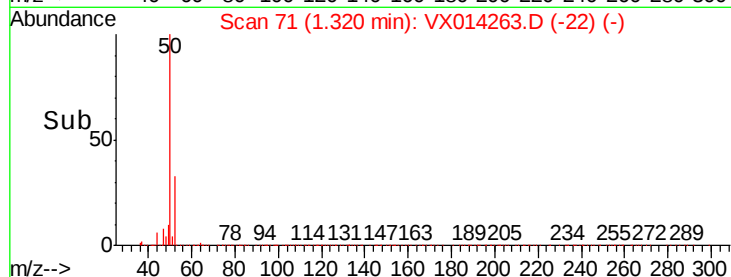
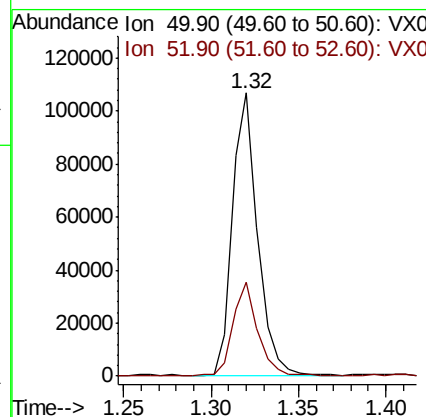
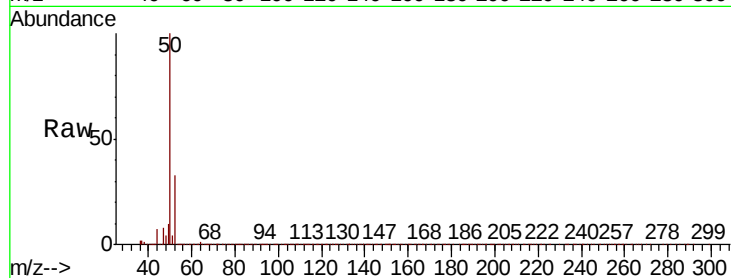
52 33.0 26.2 39.4

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#4

Vinyl Chloride

Concen: 18.393 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014263.D

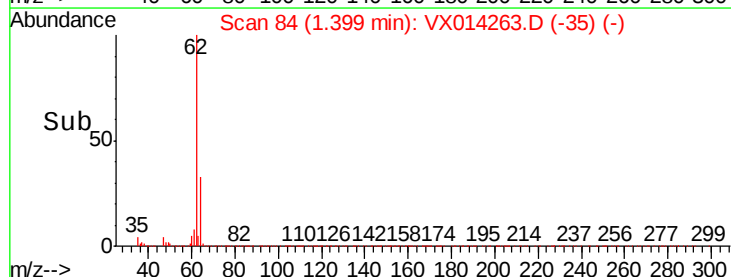
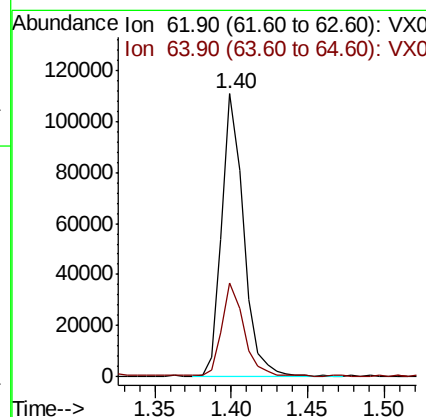
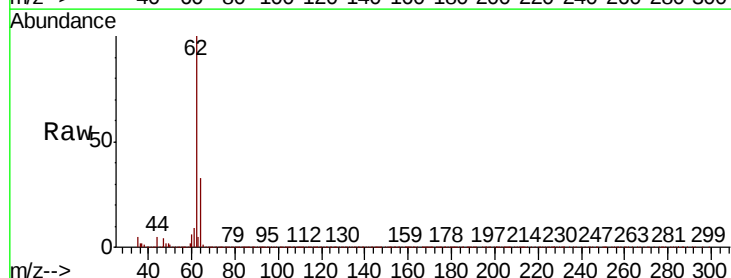
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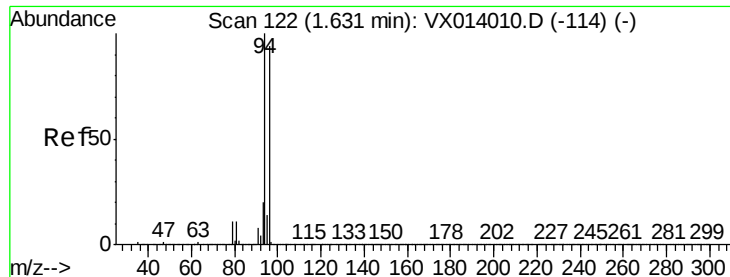
Tgt Ion: 62 Resp: 111097

Ion Ratio Lower Upper

62 100

64 32.6 25.7 38.5





#5

Bromomethane

Concen: 16.417 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014263.D

Acq: 26 Dec 2019 12:51

Instrument :

MSVOA_X

ClientSampleId :

VX1226MBS01

Tot Ion: 94 Resp: 70378

Ion Ratio Lower Upper

94 100

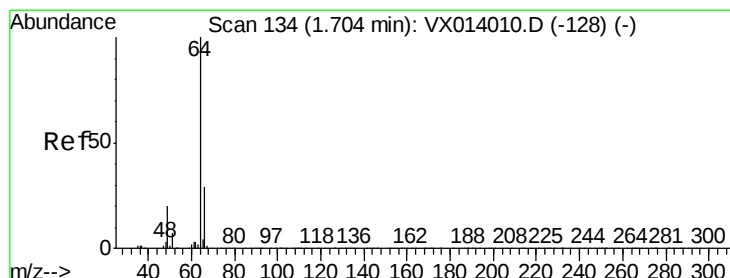
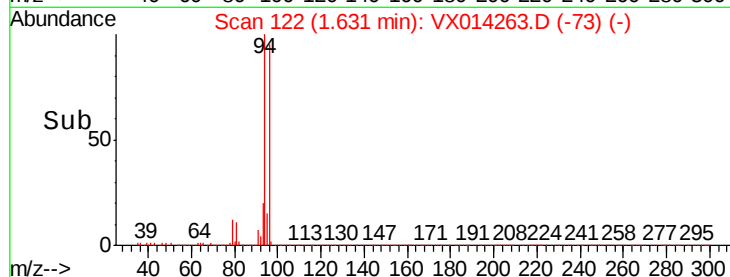
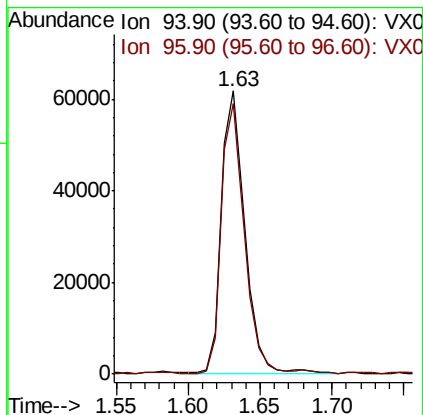
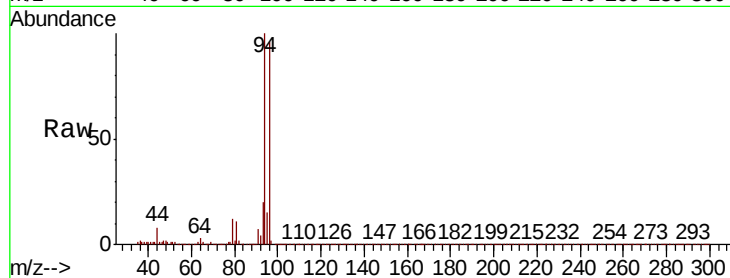
96 96.0 75.2 112.8

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#6

Chloroethane

Concen: 19.240 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014263.D

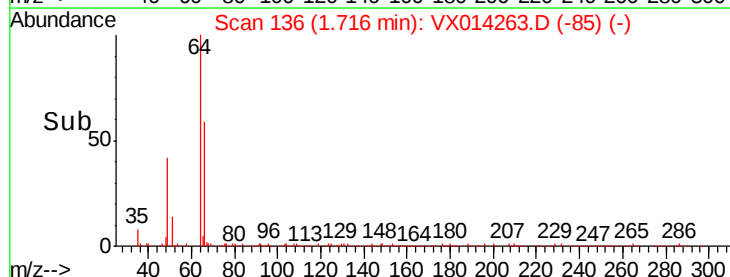
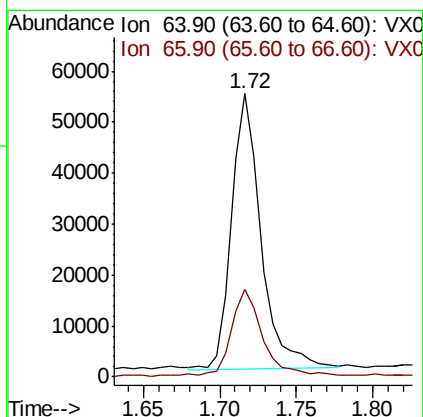
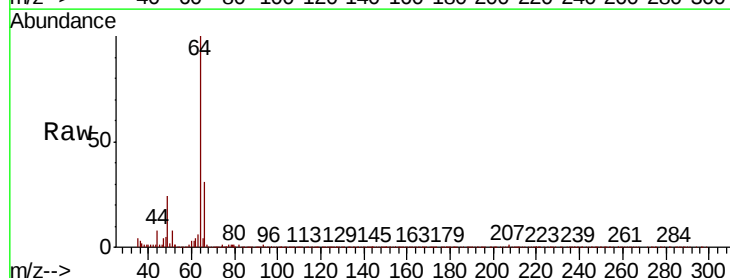
Acq: 26 Dec 2019 12:51

Tgt Ion: 64 Resp: 71724

Ion Ratio Lower Upper

64 100

66 31.3 23.4 35.2





#7

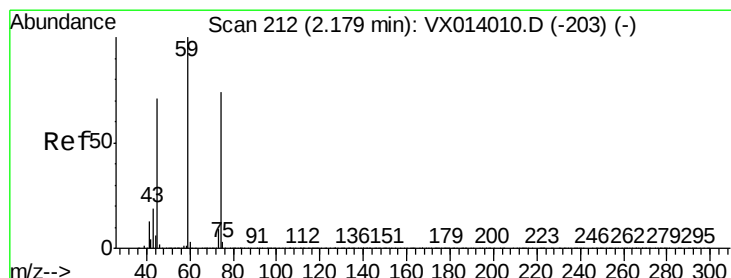
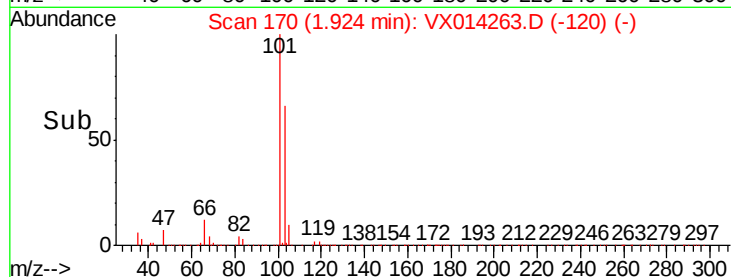
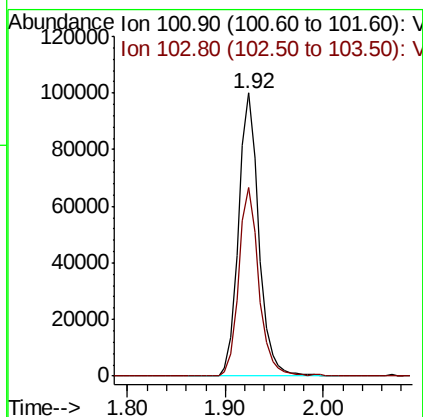
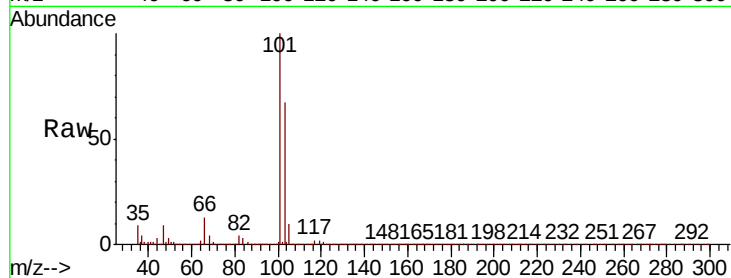
Trichlorofluoromethane
Concen: 19.270 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014263.D
Acq: 26 Dec 2019 12:51

Instrument :
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ClientSampleId :
VX1226MBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		144082		
103	66.8	52.2	78.4		

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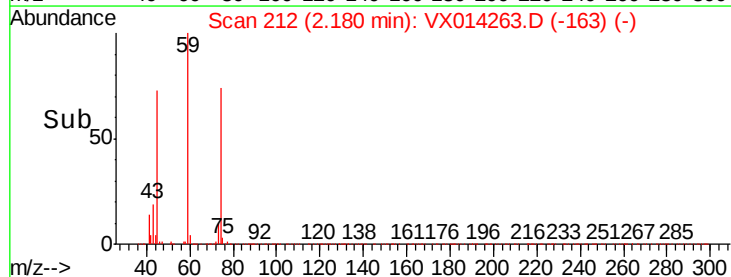
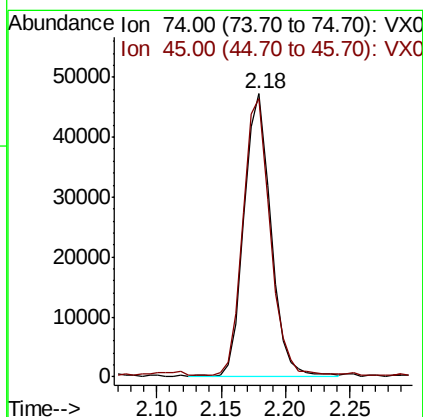
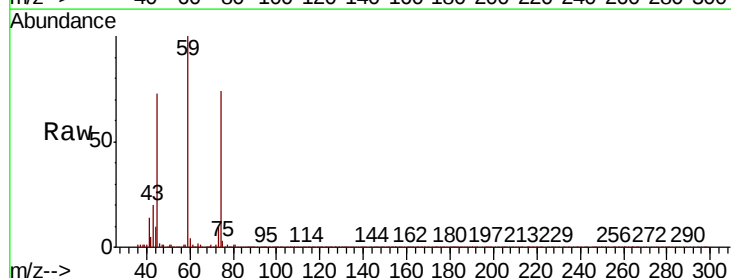
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#8

Diethyl Ether
Concen: 19.478 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014263.D
Acq: 26 Dec 2019 12:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		68351		
45	98.4	48.1	144.3		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.789 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014263.D

Acq: 26 Dec 2019 12:51

Instrument :

MSVOA_X

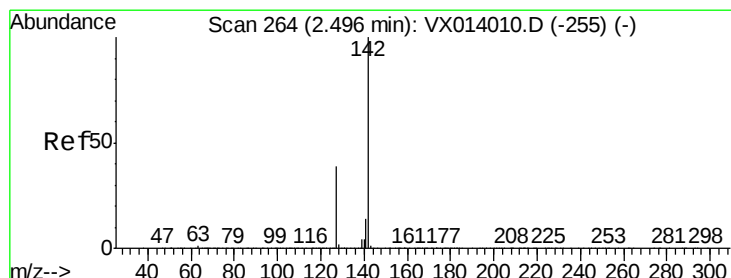
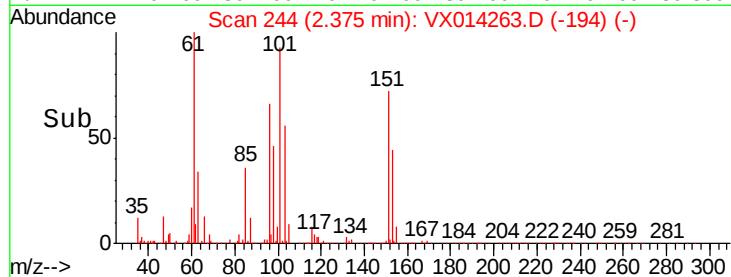
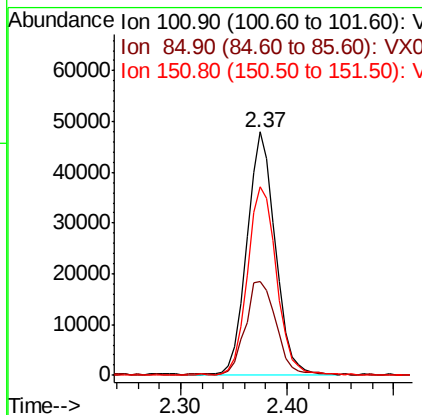
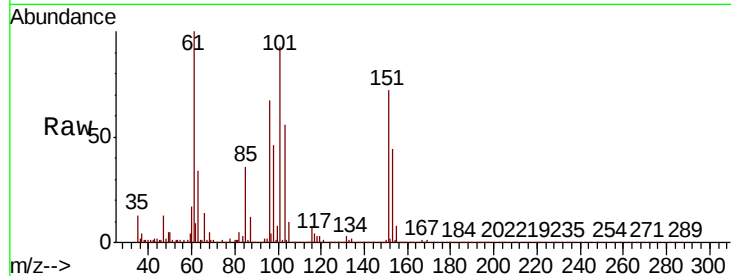
ClientSampleId :

VX1226MBS01

Tot Ion:	101	Resp:	89192
Ion Ratio	Lower	Upper	
101	100		
85	41.3	33.7	50.5
151	80.3	64.5	96.7

Manual Integrations
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#10

Methyl Iodide

Concen: 19.008 ug/l

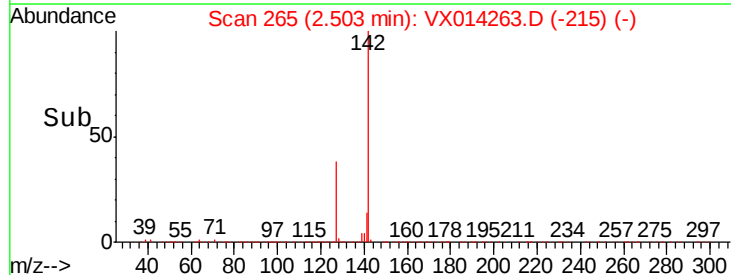
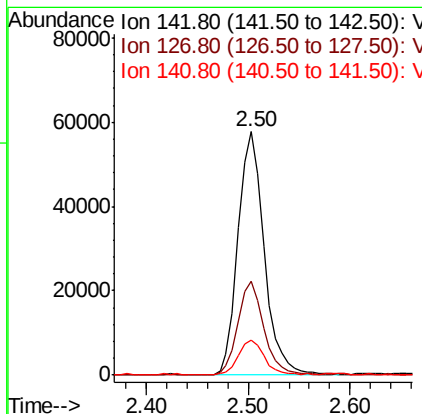
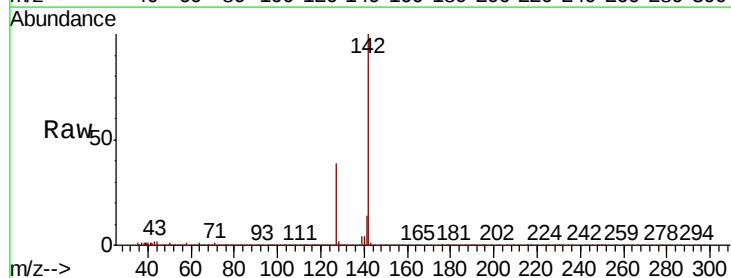
RT: 2.50 min Scan# 265

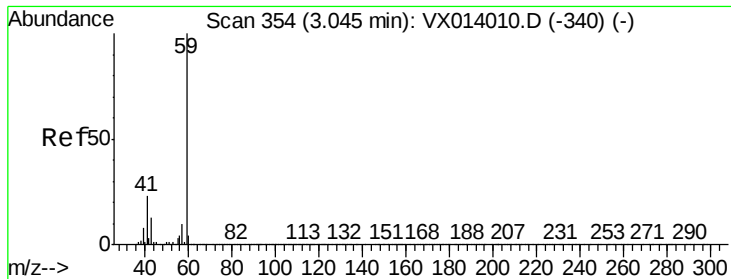
Delta R.T. 0.01 min

Lab File: VX014263.D

Acq: 26 Dec 2019 12:51

Tgt Ion:	142	Resp:	102789
Ion Ratio	Lower	Upper	
142	100		
127	37.9	31.6	47.4
141	14.7	11.6	17.4





#11

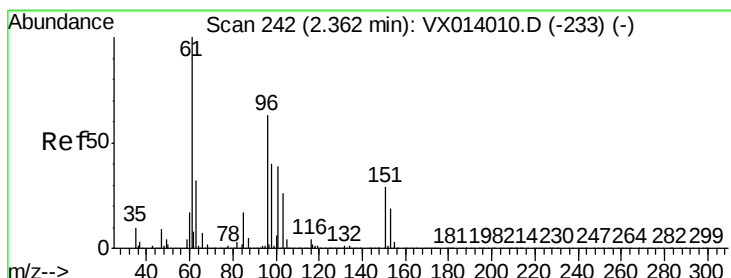
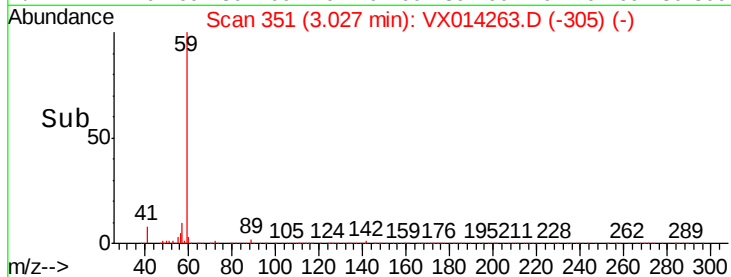
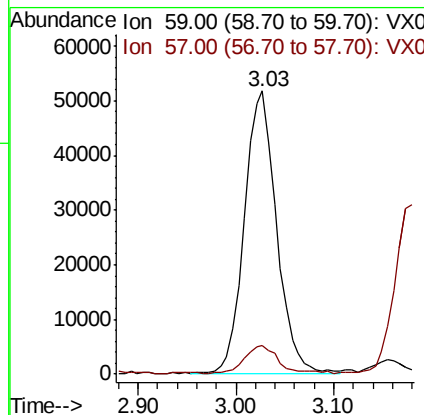
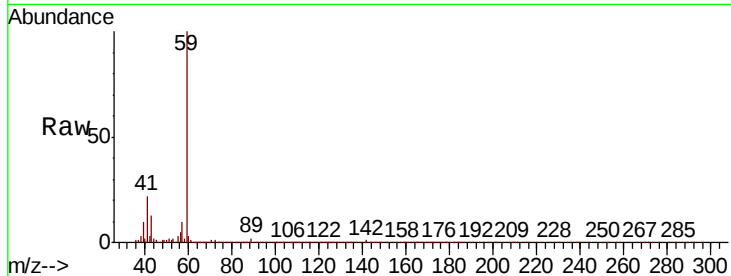
Tert butyl alcohol
Concen: 100.110 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.02 min
Lab File: VX014263.D
Acq: 26 Dec 2019 12:51

Instrument :
MSVOA_X
ClientSampleId :
VX1226MBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.4	12.6

Manual Integrations
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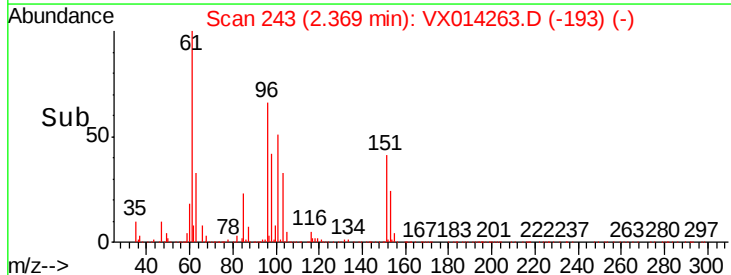
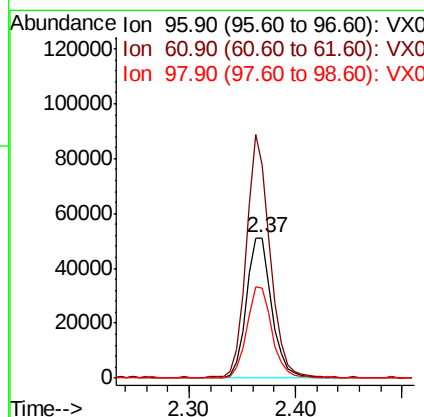
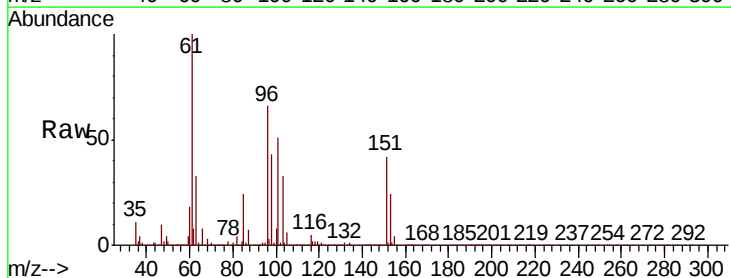
apatel
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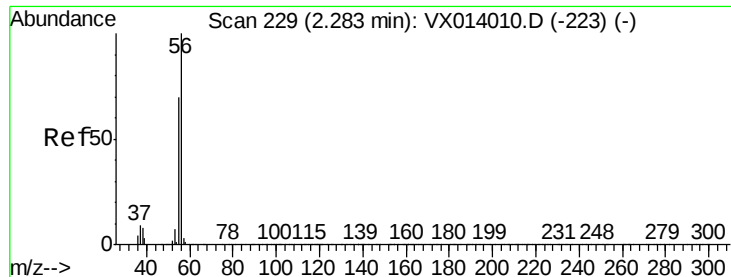


#12

1,1-Dichloroethene
Concen: 18.548 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX014263.D
Acq: 26 Dec 2019 12:51

Tgt Ion	Ratio	Lower	Upper
96	100		
61	151.9	127.9	191.9
98	64.5	50.5	75.7





#13

Acrolein

Concen: 93.555 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014263.D

Acq: 26 Dec 2019 12:51

Instrument :

MSVOA_X

ClientSampleId :

VX1226MBS01

Tot Ion: 56 Resp: 62529

Ion Ratio Lower Upper

56 100

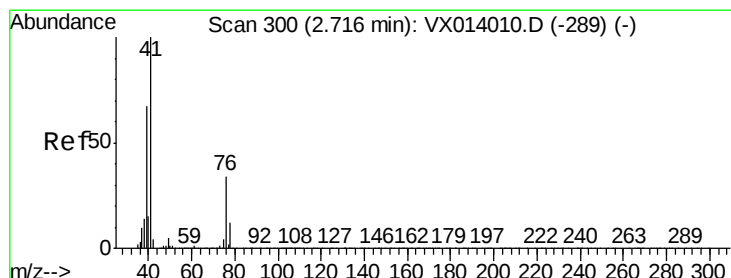
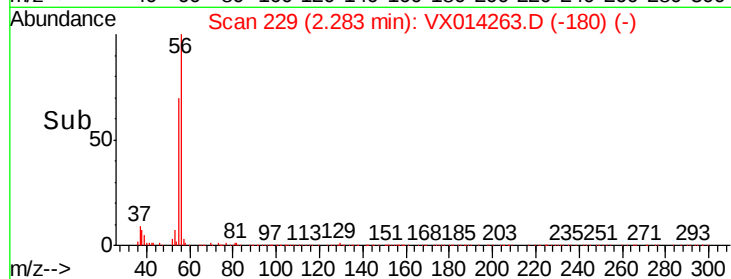
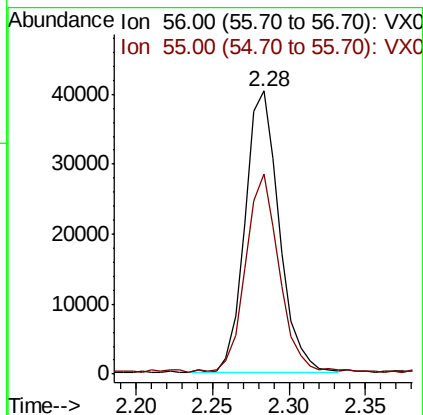
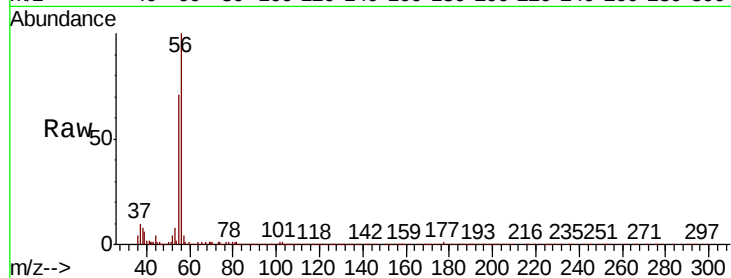
55 68.8 56.9 85.3

Manual Integrations

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#14

Allyl chloride

Concen: 20.061 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX014263.D

Acq: 26 Dec 2019 12:51

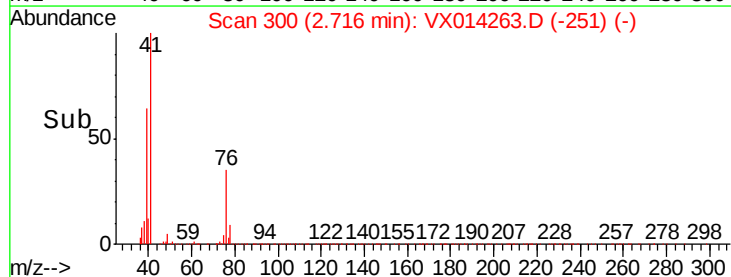
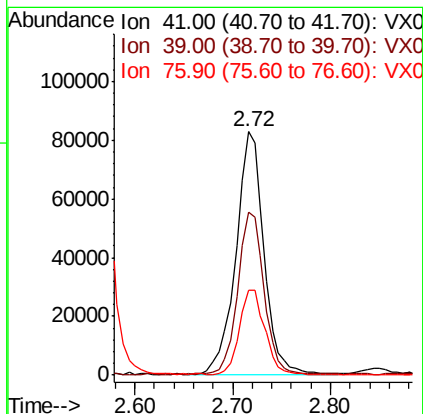
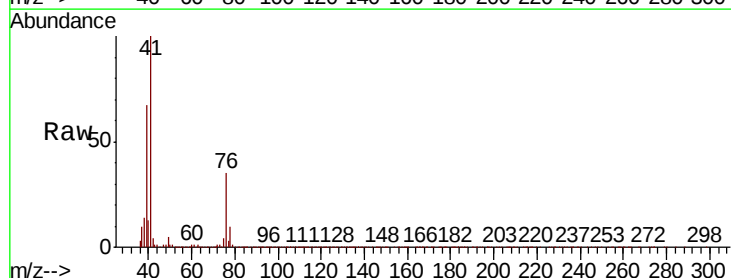
Tgt Ion: 41 Resp: 164274

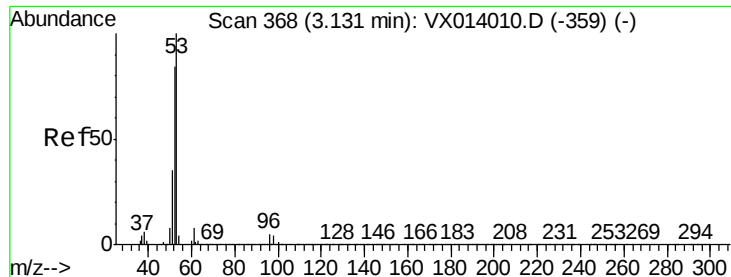
Ion Ratio Lower Upper

41 100

39 64.4 51.8 77.8

76 32.4 25.9 38.9





#15

Acrylonitrile

Concen: 106.660 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014263.D

Acq: 26 Dec 2019 12:51

Instrument :

MSVOA_X

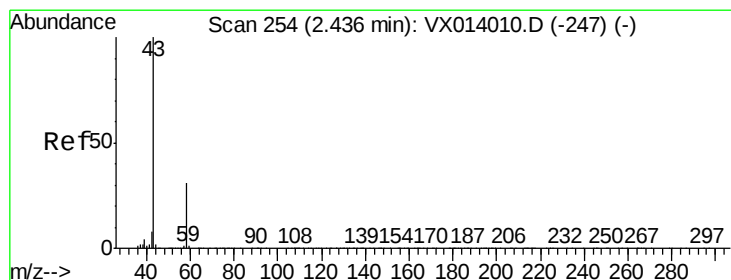
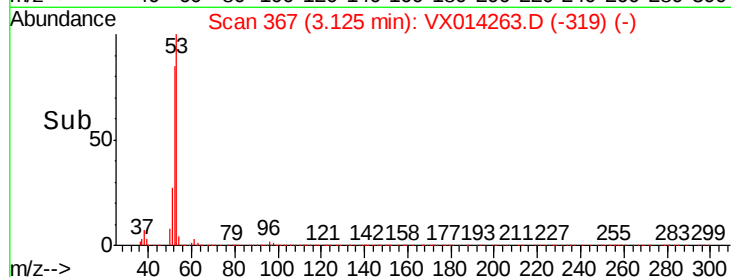
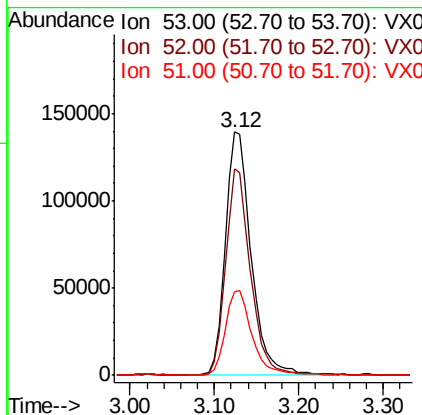
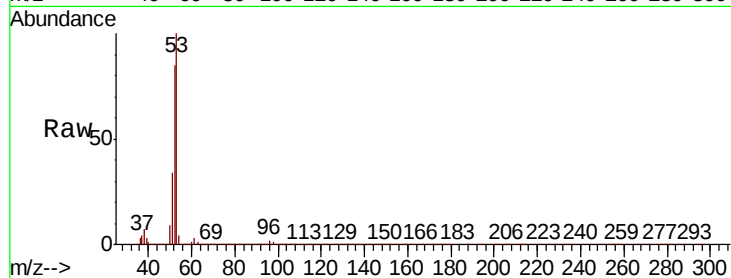
ClientSampleId :

VX1226MBS01

Tot Ion:	53	Resp:	290675
Ion Ratio	Lower	Upper	
53	100		
52	81.4	66.5	99.7
51	35.6	28.1	42.1

Manual Integrations
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#16

Acetone

Concen: 73.557 ug/l

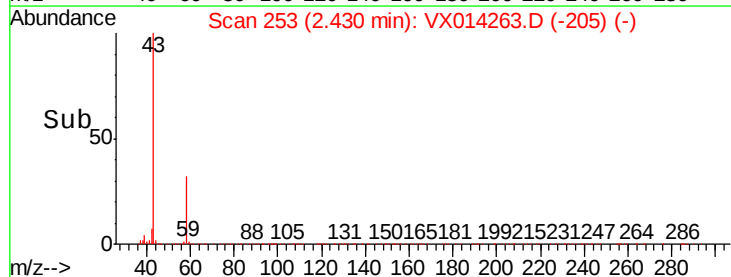
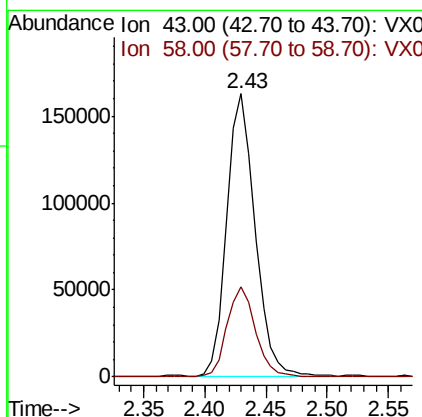
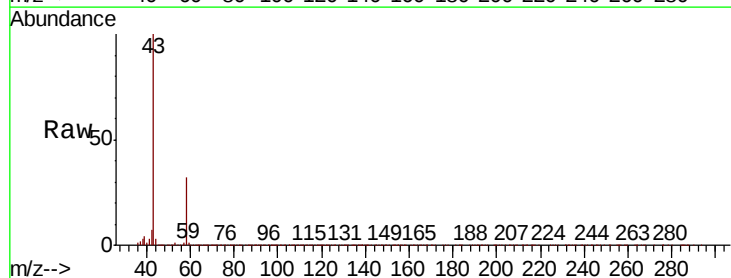
RT: 2.43 min Scan# 253

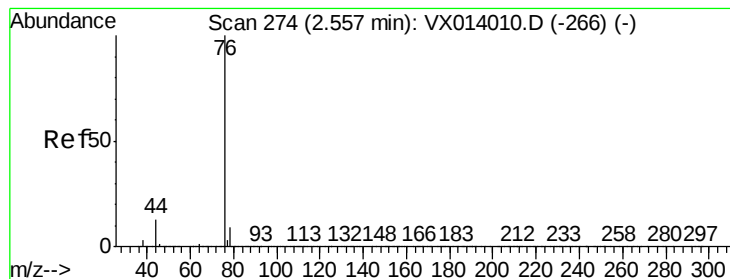
Delta R.T. -0.01 min

Lab File: VX014263.D

Acq: 26 Dec 2019 12:51

Tgt Ion:	43	Resp:	258046
Ion Ratio	Lower	Upper	
43	100		
58	31.7	24.9	37.3





#17

Carbon Disulfide

Concen: 17.530 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014263.D

Acq: 26 Dec 2019 12:51

Instrument :

MSVOA_X

ClientSampleId :

VX1226MBS01

Tot Ion: 76 Resp: 216900

Ion Ratio Lower Upper

76 100

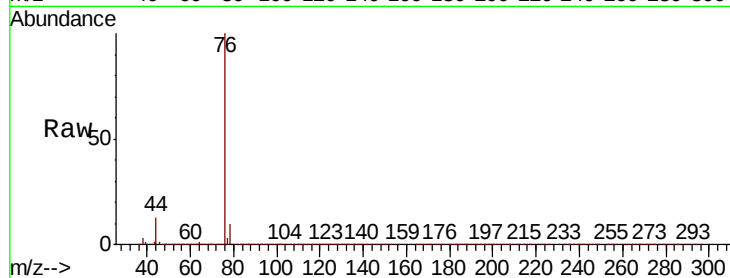
78 9.4 7.2 10.8

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

150000

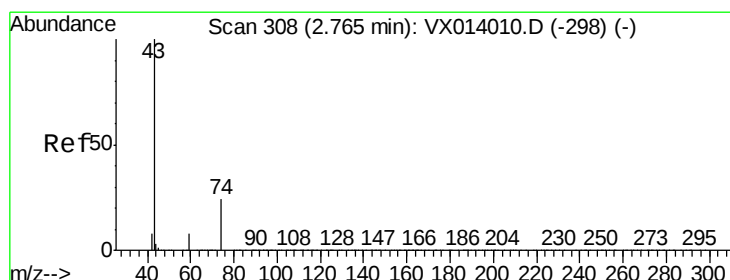
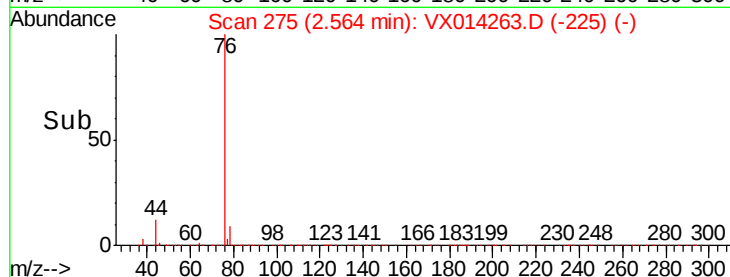
2.56

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 21.847 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014263.D

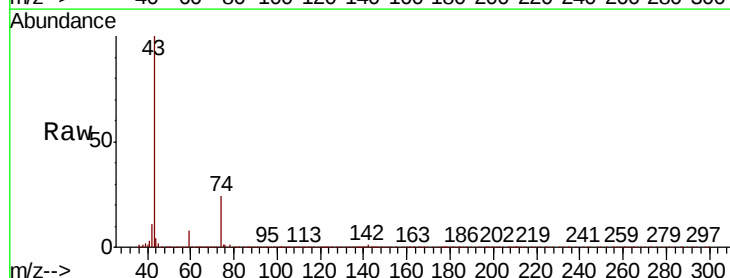
Acq: 26 Dec 2019 12:51

Tgt Ion: 43 Resp: 151867

Ion Ratio Lower Upper

43 100

74 22.6 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

100000

80000

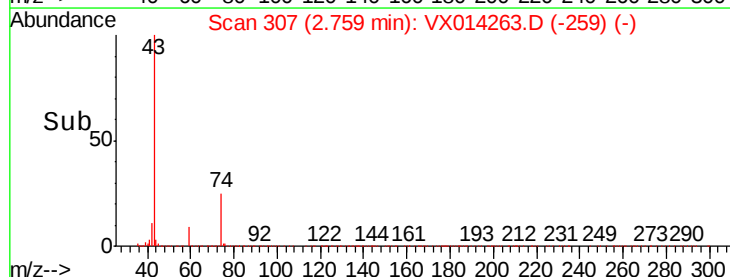
60000

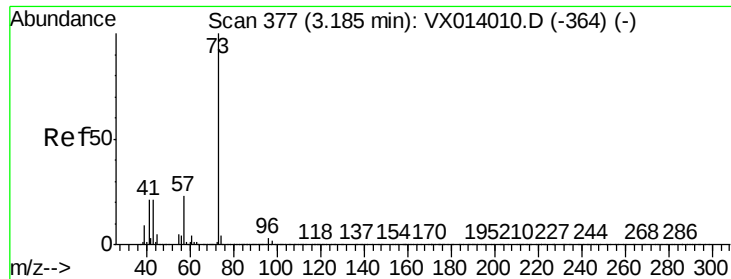
40000

20000

0

Time-->





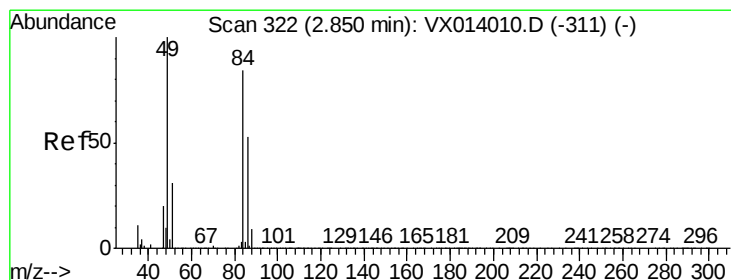
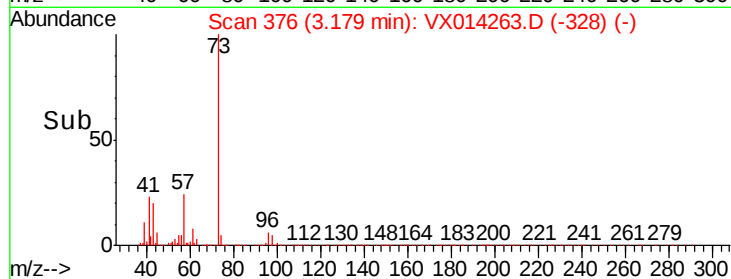
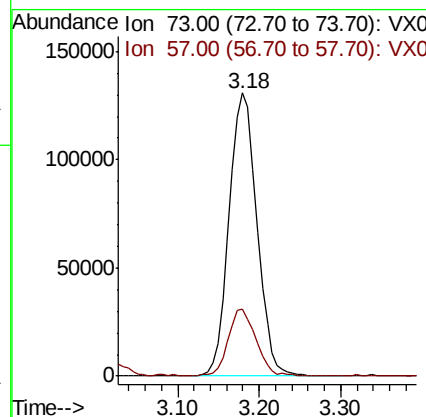
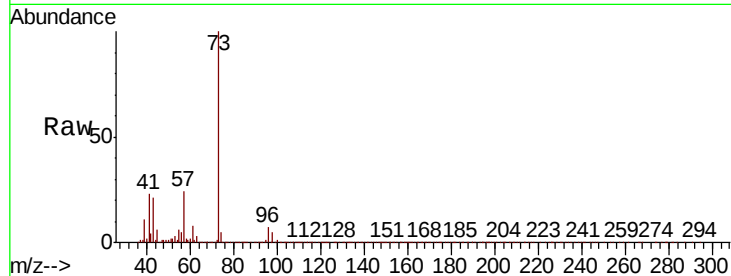
#19
Methvl tert-butvl Ether
Concen: 20.421 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014263.D
Acq: 26 Dec 2019 12:51

Instrument :
MSVOA_X
ClientSampleId :
VX1226MBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.5	18.8	28.2

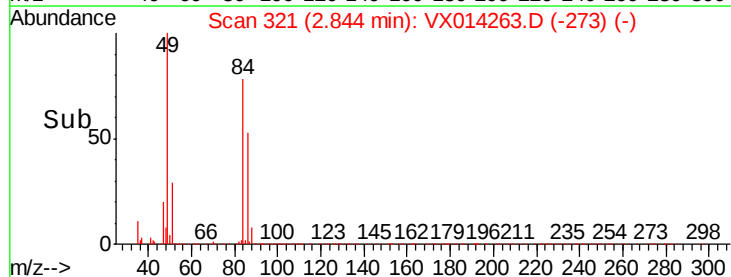
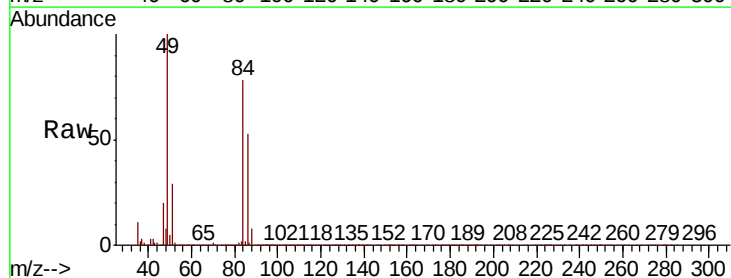
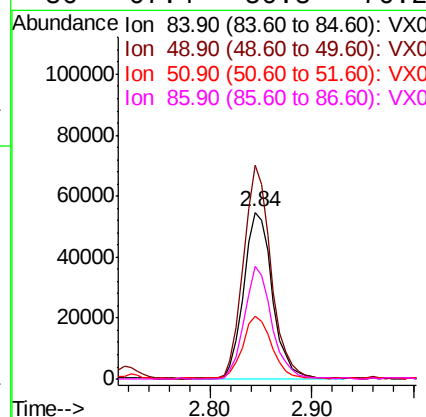
Manual Integrations
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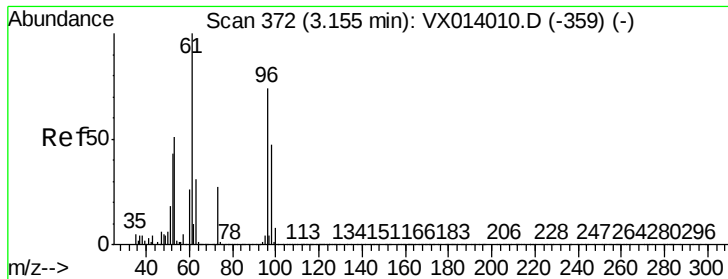
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#20
Methylene Chloride
Concen: 19.390 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014263.D
Acq: 26 Dec 2019 12:51

Tgt Ion	Ratio	Lower	Upper
84	100		
49	127.5	95.8	143.6
51	37.0	29.8	44.8
86	67.4	50.8	76.2





#21

trans-1,2-Dichloroethene

Concen: 18.405 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014263.D

Acq: 26 Dec 2019 12:51

Instrument :

MSVOA_X

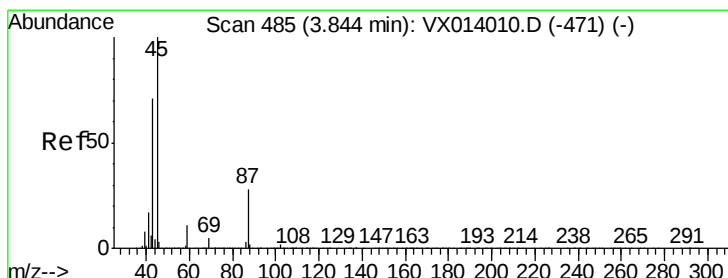
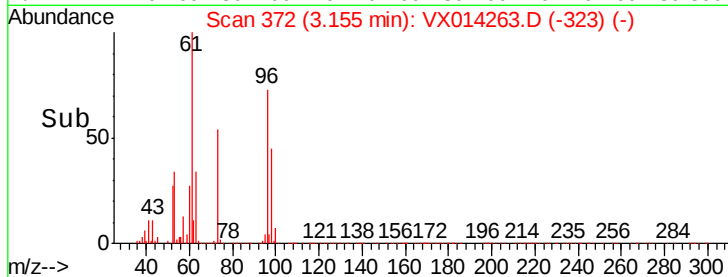
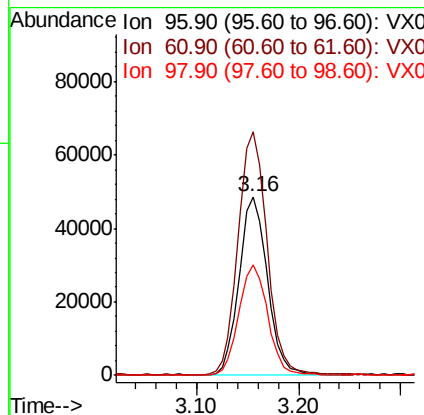
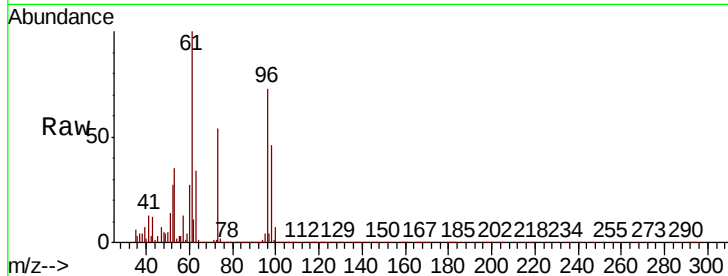
ClientSampleId :

VX1226MBS01

Tot Ion:	96	Resp:	92996
Ion	Ratio	Lower	Upper
96	100		
61	136.3	108.3	162.5
98	62.0	50.8	76.2

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#22

Diisopropyl ether

Concen: 20.955 ug/l

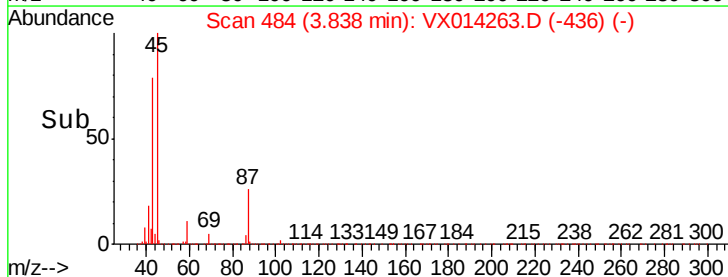
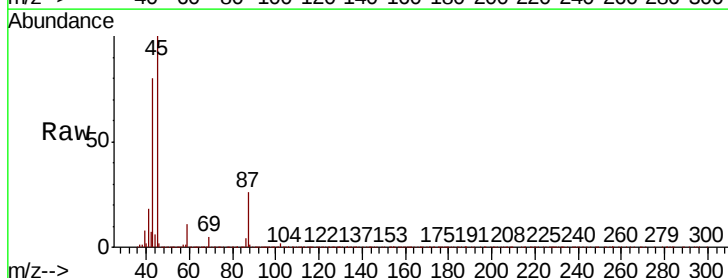
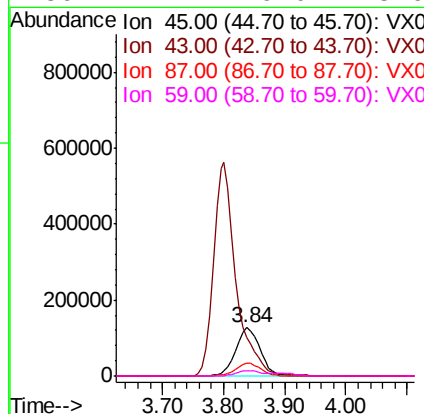
RT: 3.84 min Scan# 484

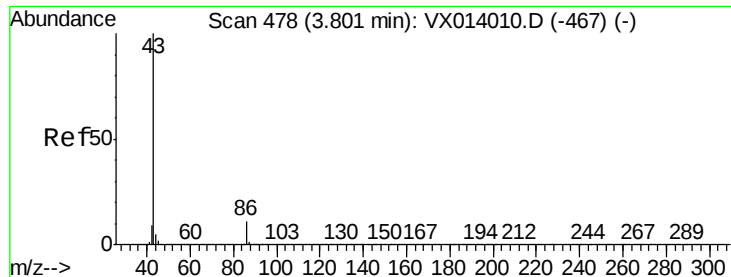
Delta R.T. -0.01 min

Lab File: VX014263.D

Acq: 26 Dec 2019 12:51

Tgt Ion:	45	Resp:	341940
Ion	Ratio	Lower	Upper
45	100		
43	79.3	57.4	86.0
87	26.4	21.9	32.9
59	11.1	9.0	13.6





#23

Vinyl Acetate

Concen: 109.190 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014263.D

Acq: 26 Dec 2019 12:51

Instrument :

MSVOA_X

ClientSampleId :

VX1226MBS01

Tot Ion: 43 Resp: 1454023

Ion Ratio Lower Upper

43 100

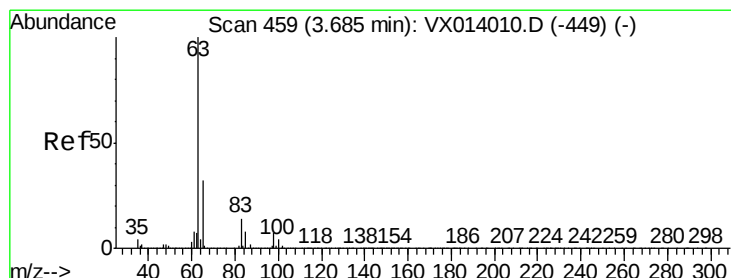
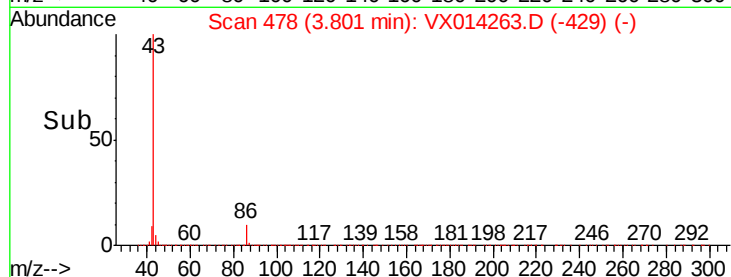
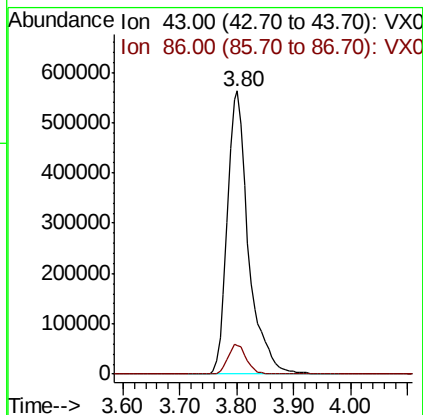
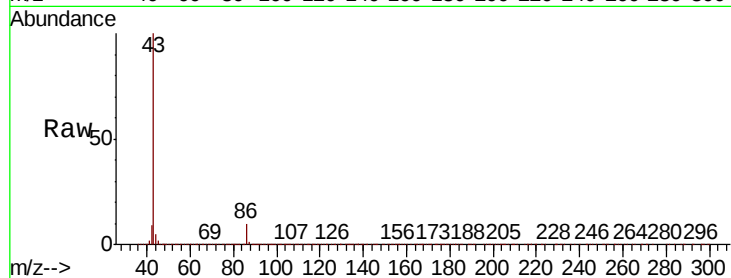
86 10.3 8.6 12.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 19.581 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014263.D

Acq: 26 Dec 2019 12:51

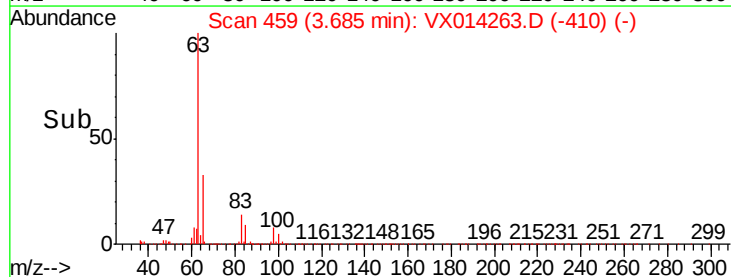
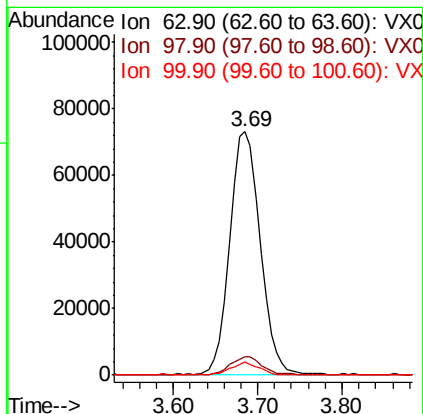
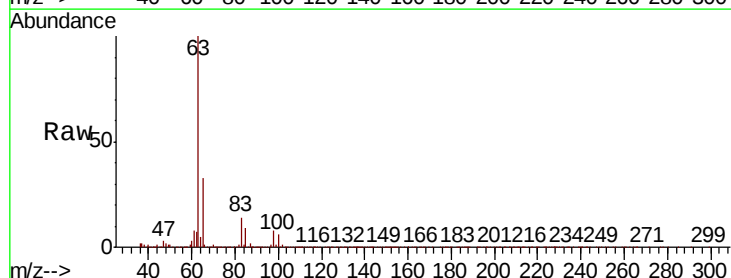
Tgt Ion: 63 Resp: 177766

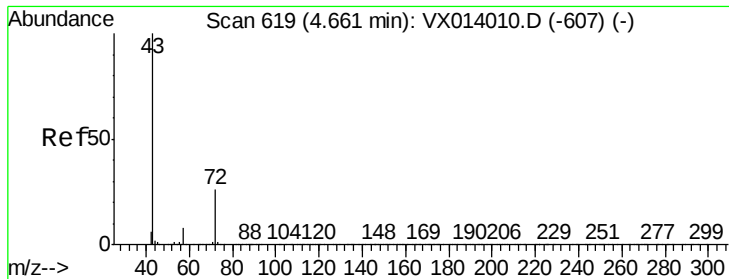
Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.8

100 5.5 2.3 6.8





#25

2-Butanone

Concen: 93.974 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX014263.D

Acq: 26 Dec 2019 12:51

Instrument :

MSVOA_X

ClientSampleId :

VX1226MBS01

Tot Ion: 43 Resp: 406442

Ion Ratio Lower Upper

43 100

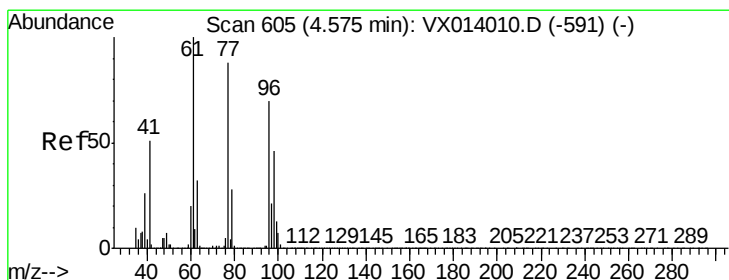
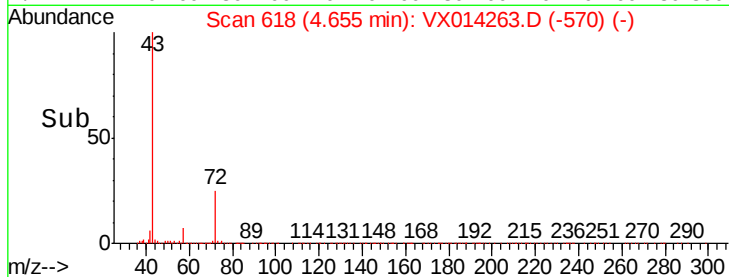
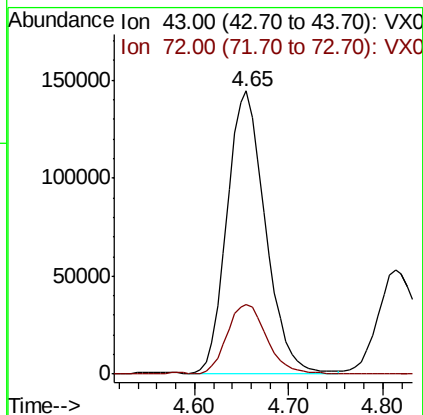
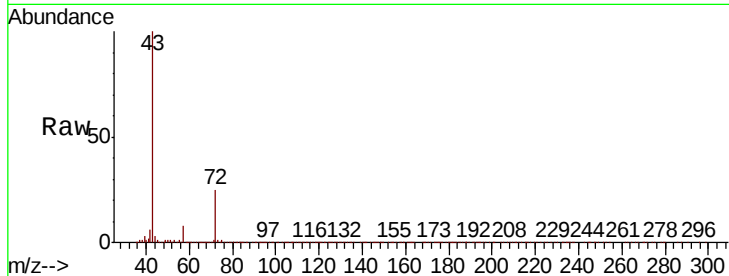
72 24.6 21.0 31.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 19.462 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014263.D

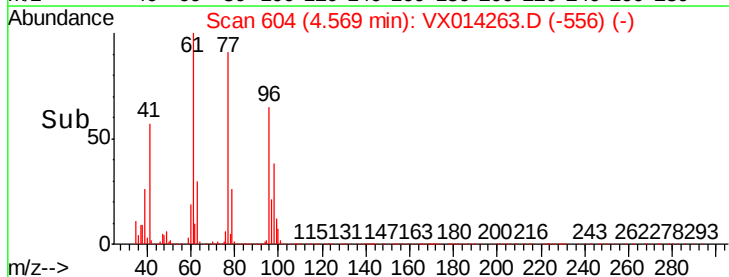
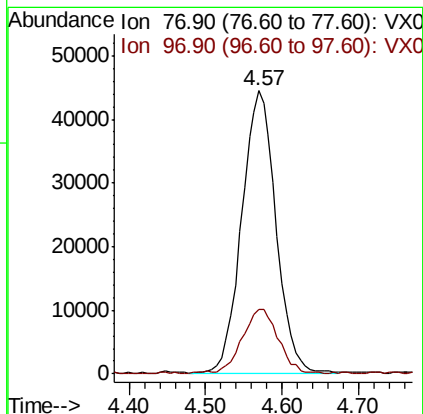
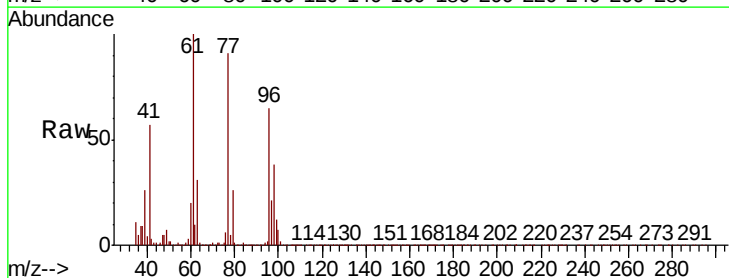
Acq: 26 Dec 2019 12:51

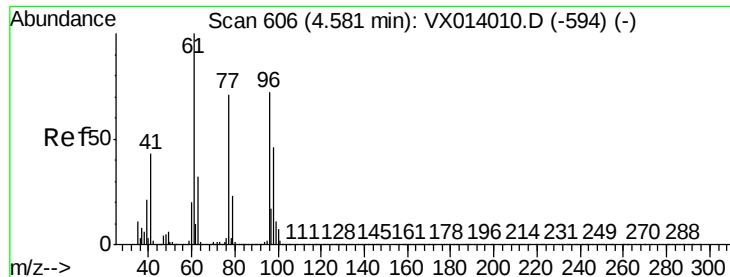
Tgt Ion: 77 Resp: 137187

Ion Ratio Lower Upper

77 100

97 24.4 11.9 35.9





#27

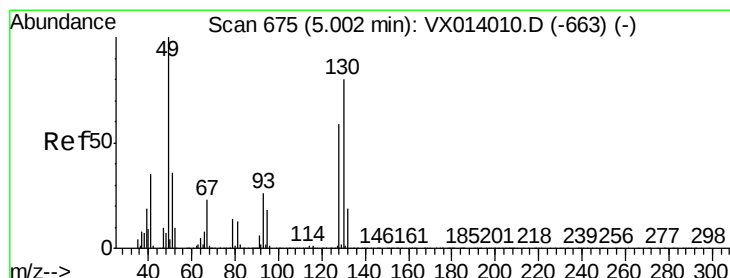
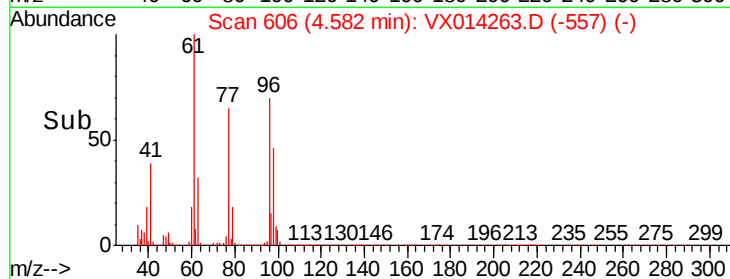
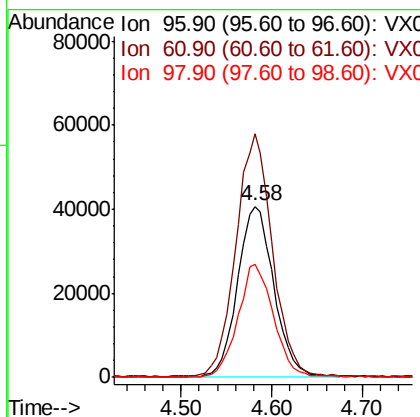
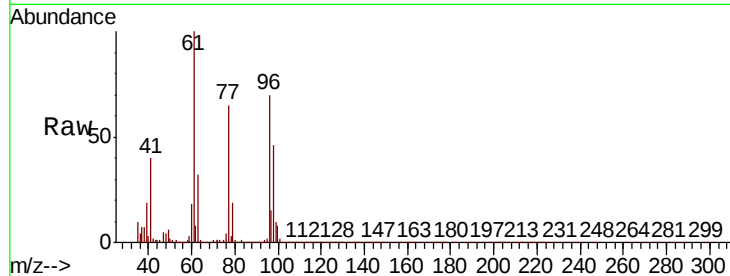
cis-1,2-Dichloroethene
Concen: 19.794 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX014263.D
Acq: 26 Dec 2019 12:51

Instrument :
MSVOA_X
ClientSampleId :
VX1226MBS01

Tot Ion:	96	Resp:	113107
Ion Ratio	Lower	Upper	
96	100		
61	143.1	0.0	288.4
98	63.8	0.0	129.6

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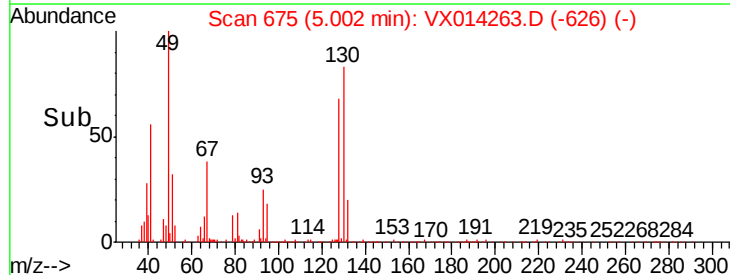
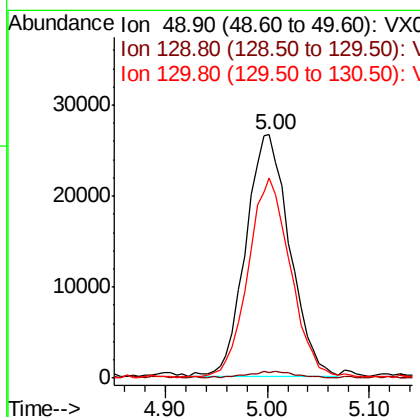
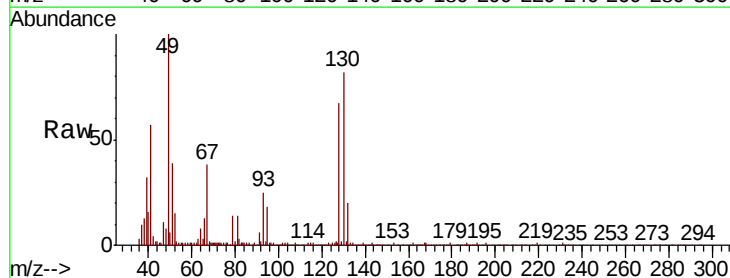
apatel
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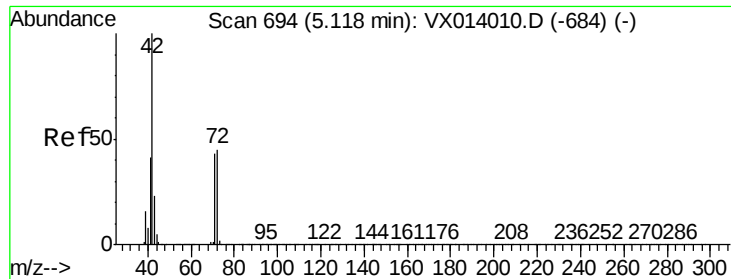


#28

Bromochloromethane
Concen: 22.944 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014263.D
Acq: 26 Dec 2019 12:51

Tgt Ion:	49	Resp:	79244
Ion Ratio	Lower	Upper	
49	100		
129	3.0	0.0	5.0
130	81.3	64.6	97.0





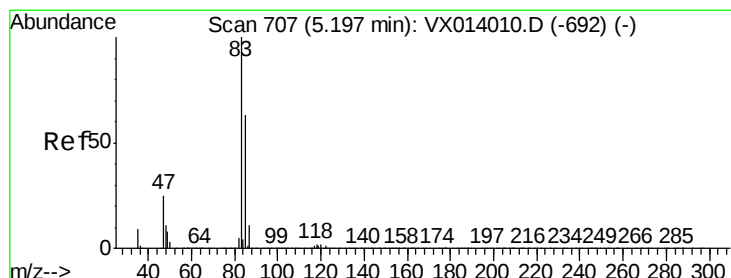
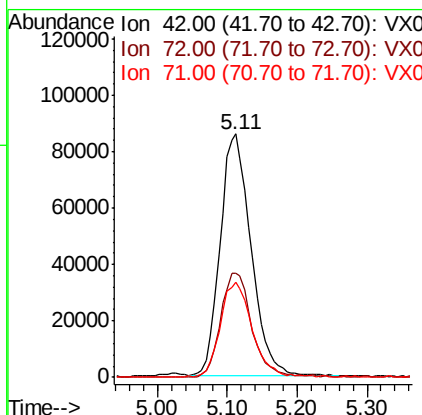
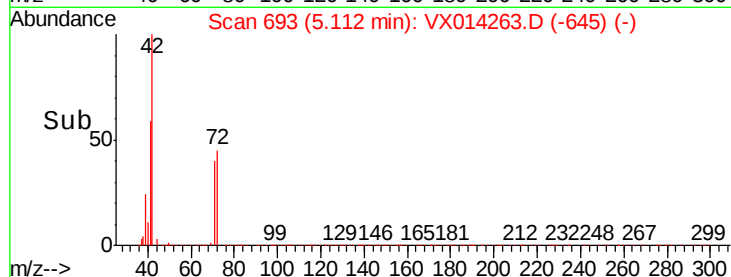
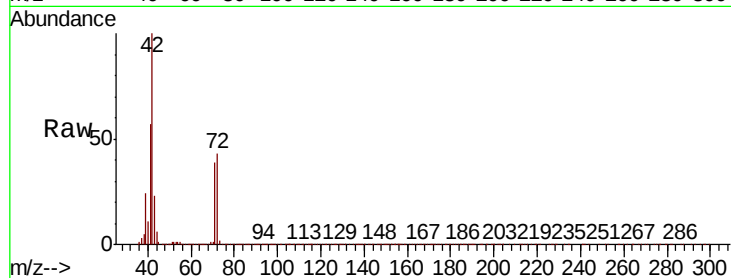
#29
Tetrahydrofuran
Concen: 108.561 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX014263.D
Acq: 26 Dec 2019 12:51

Instrument :
MSVOA_X
ClientSampleId :
VX1226MBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.1	35.8	53.8
71	40.7	33.6	50.4

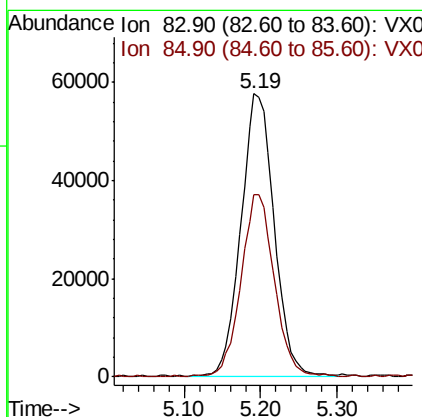
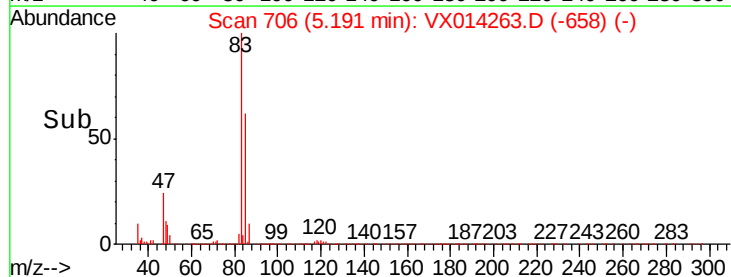
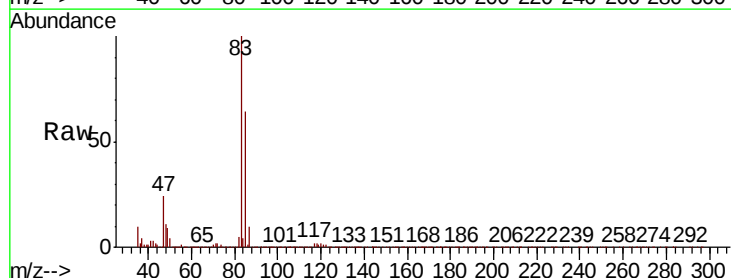
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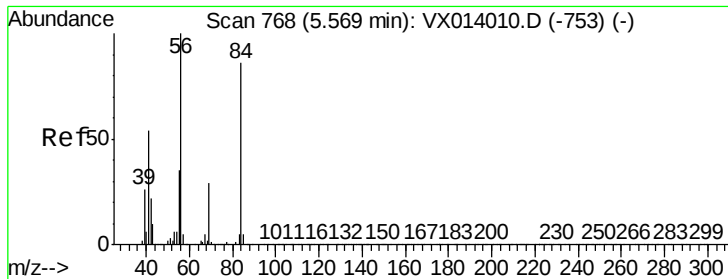
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#30
Chloroform
Concen: 20.174 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.01 min
Lab File: VX014263.D
Acq: 26 Dec 2019 12:51

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	50.8	76.2





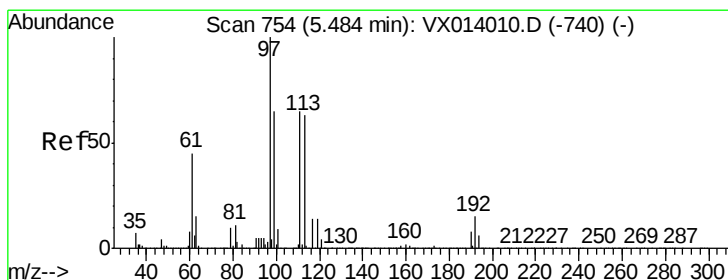
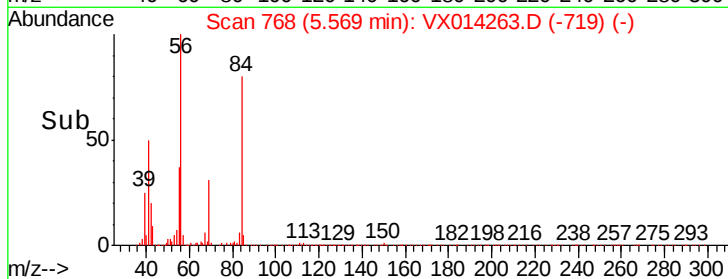
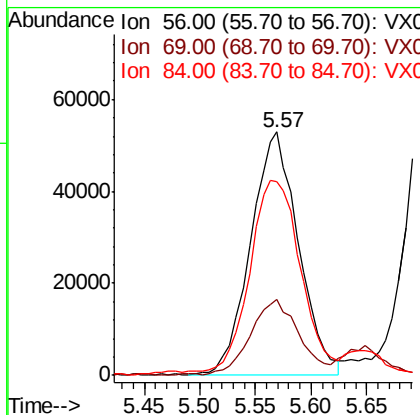
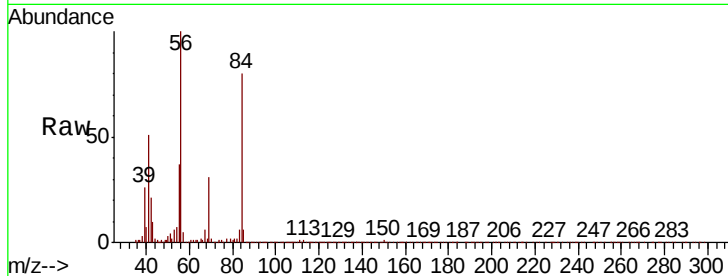
#31
Cyclohexane
Concen: 19.414 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014263.D
Acq: 26 Dec 2019 12:51

Instrument :
MSVOA_X
ClientSampleId :
VX1226MBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.7	23.2	34.8
84	78.3	69.2	103.8

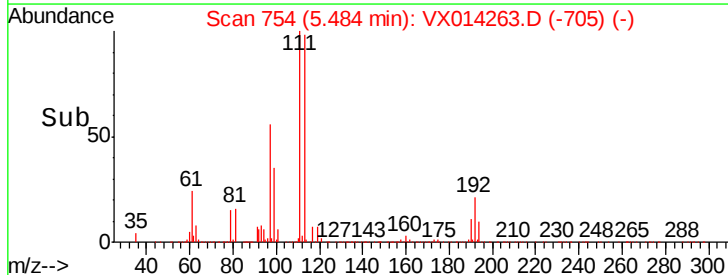
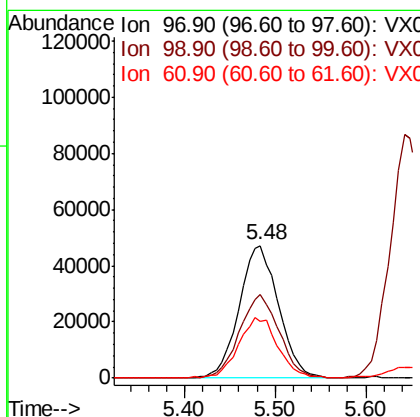
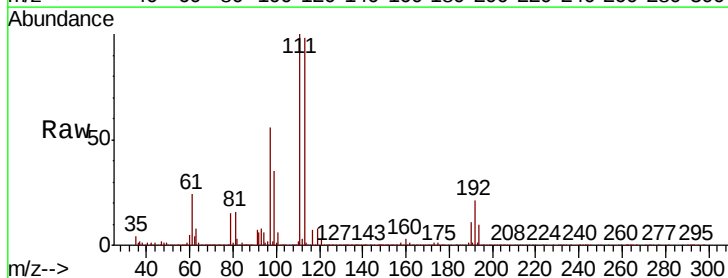
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#32
1,1,1-Trichloroethane
Concen: 19.254 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX014263.D
Acq: 26 Dec 2019 12:51

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	52.0	78.0
61	44.9	36.7	55.1





#33

1,2-Dichloroethane-d4

Concen: 51.833 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014263.D

Acq: 26 Dec 2019 12:51

Instrument :

MSVOA_X

ClientSampleId :

VX1226MBS01

Tot Ion: 65 Resp: 280086

Ion Ratio Lower Upper

65 100

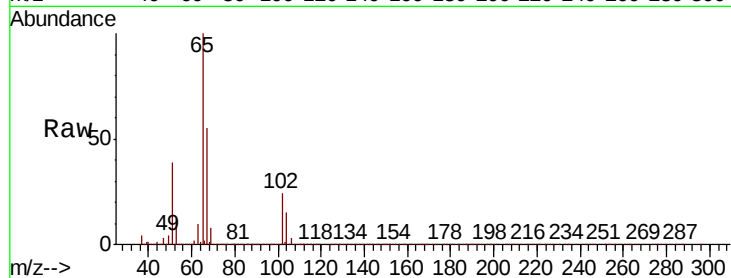
67 53.9 0.0 106.4

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

120000

100000

80000

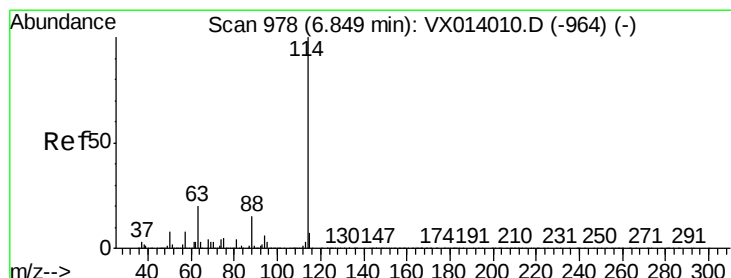
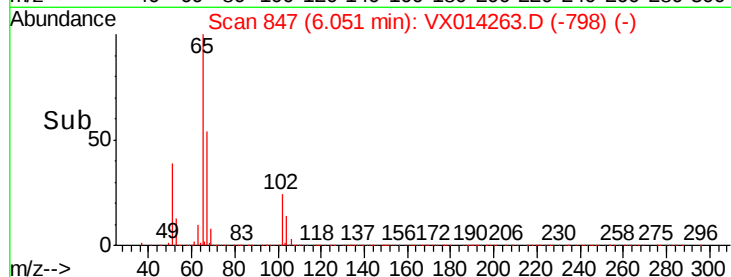
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014263.D

Acq: 26 Dec 2019 12:51

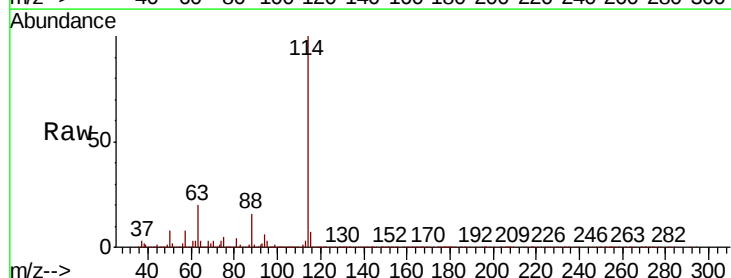
Tgt Ion: 114 Resp: 718353

Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.8

88 15.7 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

400000

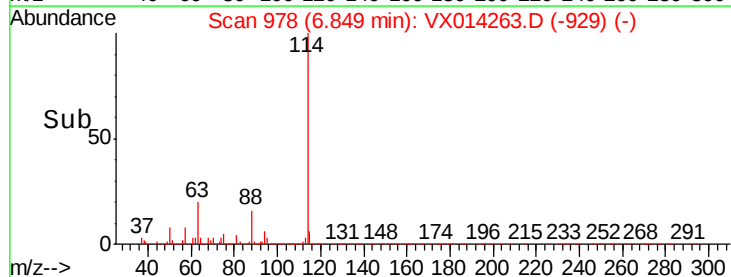
300000

200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 53.239 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014263.D

Acq: 26 Dec 2019 12:51

Instrument :

MSVOA_X

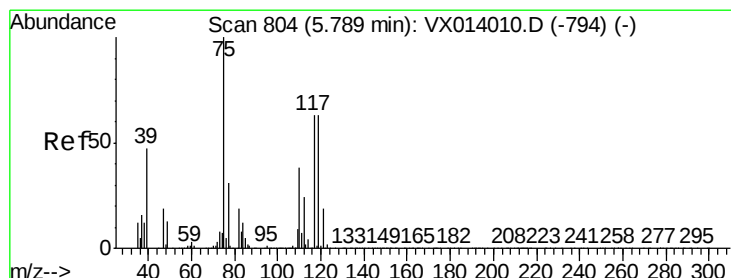
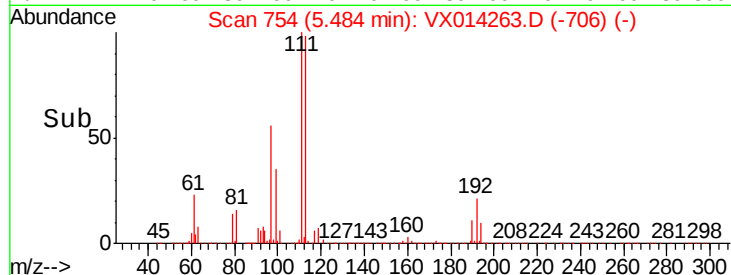
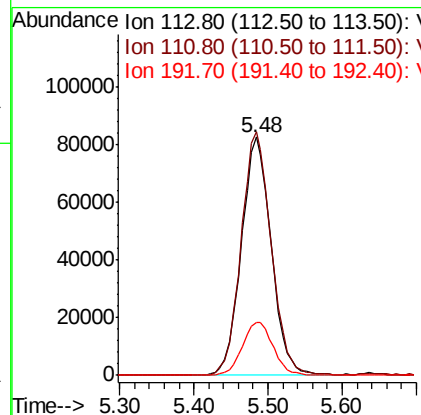
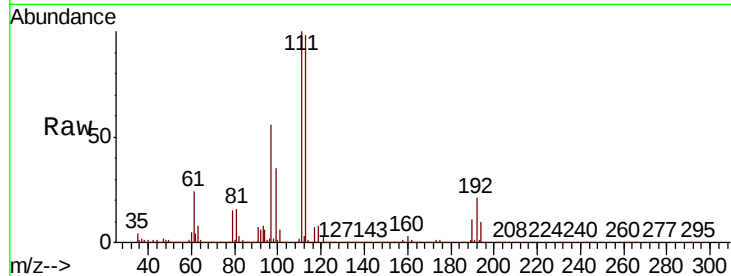
ClientSampleId :

VX1226MBS01

Tot Ion:	113	Resp:	232482
Ion Ratio	Lower	Upper	
113	100		
111	103.2	82.0	123.0
192	23.0	19.3	28.9

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#36

1,1-Dichloropropene

Concen: 19.118 ug/l

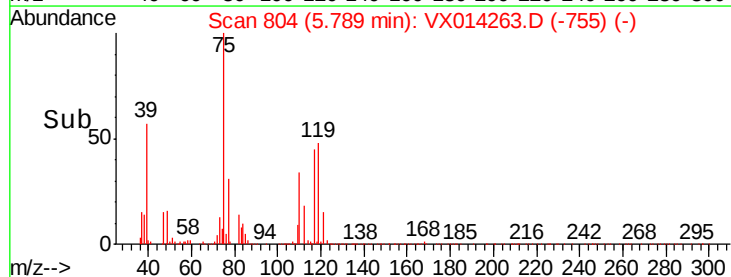
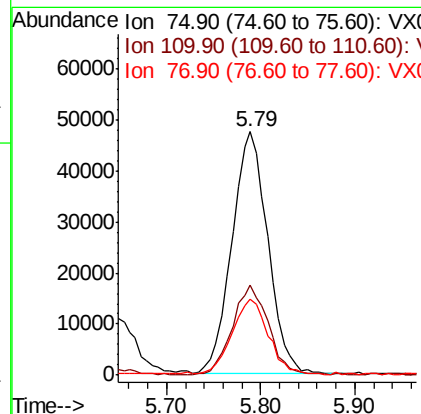
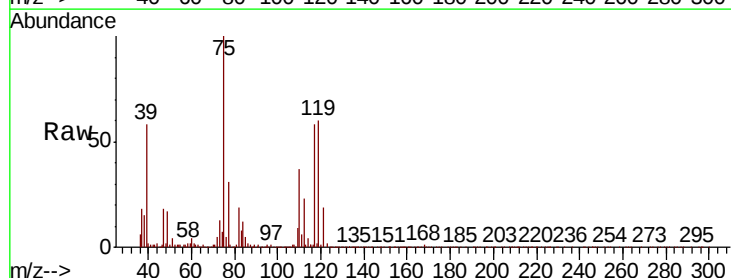
RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX014263.D

Acq: 26 Dec 2019 12:51

Tgt Ion:	75	Resp:	126010
Ion Ratio	Lower	Upper	
75	100		
110	37.5	18.3	54.9
77	31.0	24.8	37.2





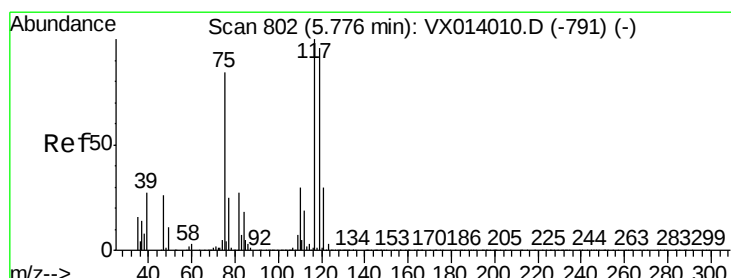
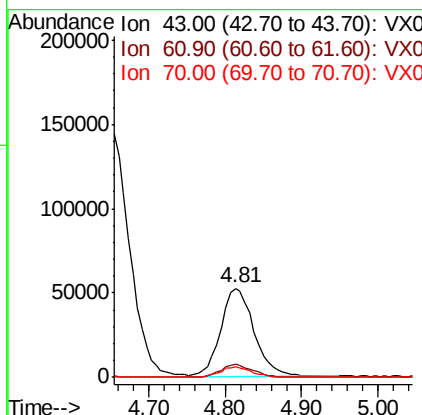
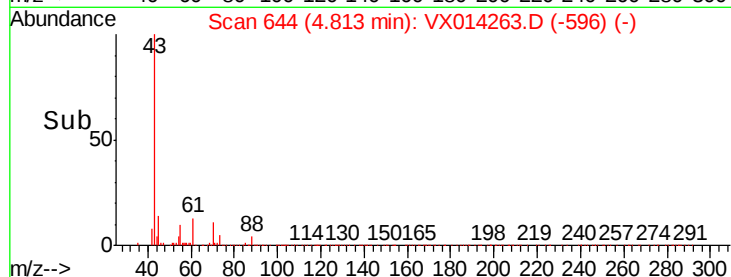
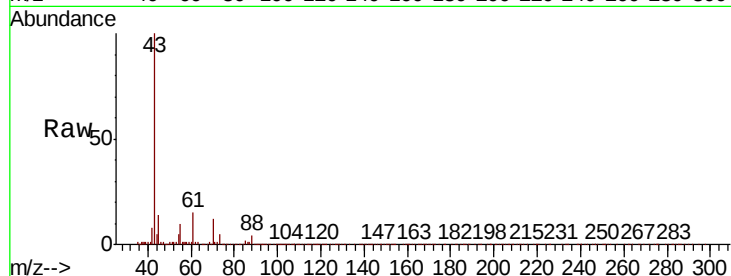
#37
Ethyl Acetate
Concen: 21.619 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014263.D
Acq: 26 Dec 2019 12:51

Instrument :
MSVOA_X
ClientSampleId :
VX1226MBS01

Tot Ion	43	Resp	157359
Ion Ratio	Lower	Upper	
43	100		
61	14.9	10.8	16.2
70	10.6	8.6	12.8

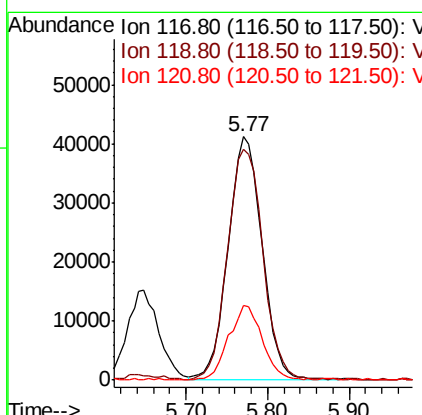
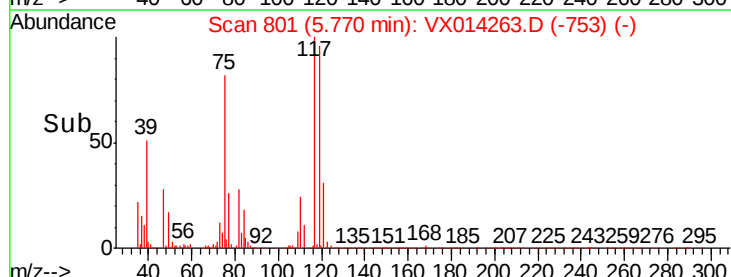
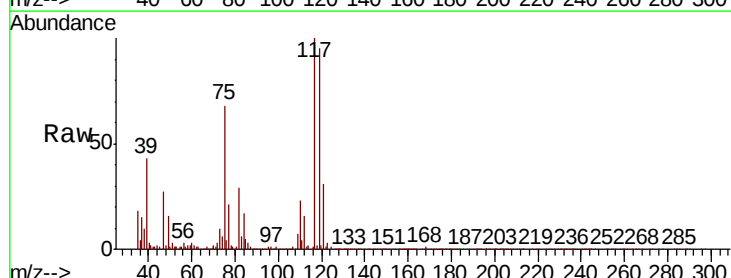
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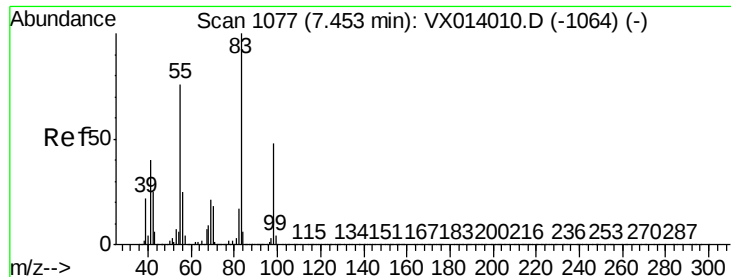
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#38
Carbon Tetrachloride
Concen: 19.600 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014263.D
Acq: 26 Dec 2019 12:51

Tgt Ion	117	Resp	117692
Ion Ratio	Lower	Upper	
117	100		
119	94.7	76.2	114.4
121	30.6	23.6	35.4





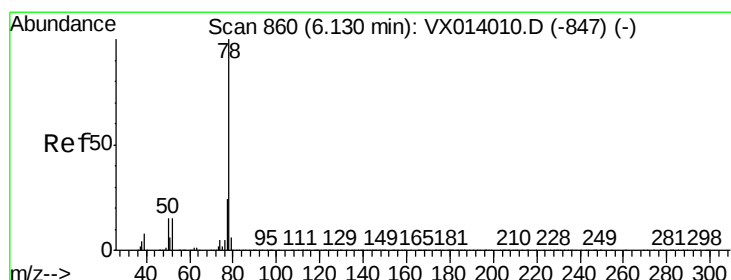
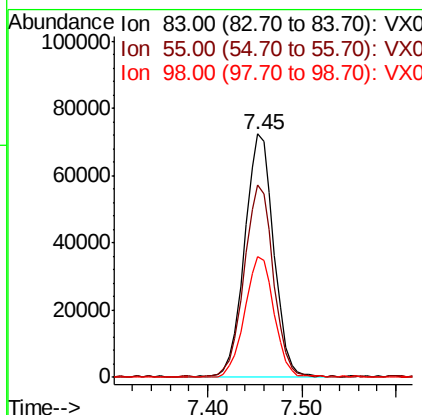
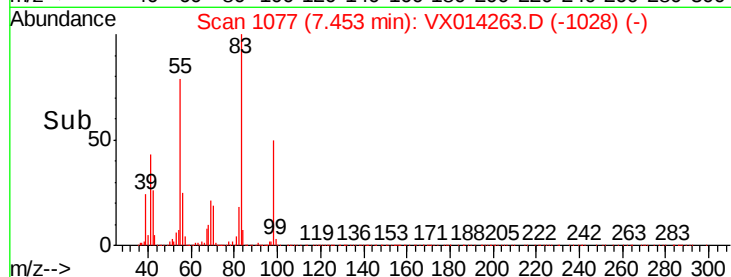
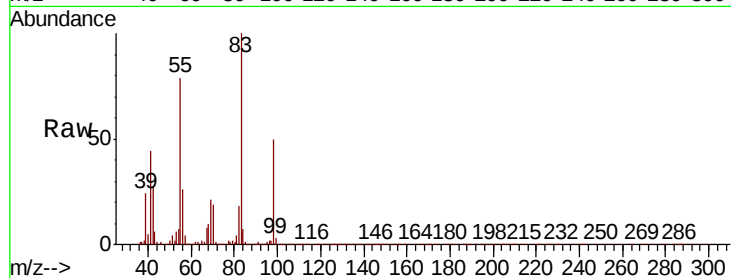
#39
Methvlcvclohexane
Concen: 19.246 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VX014263.D
Acq: 26 Dec 2019 12:51

Instrument :
MSVOA_X
ClientSampleId :
VX1226MBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.9	61.0	91.6
98	49.6	38.6	57.8

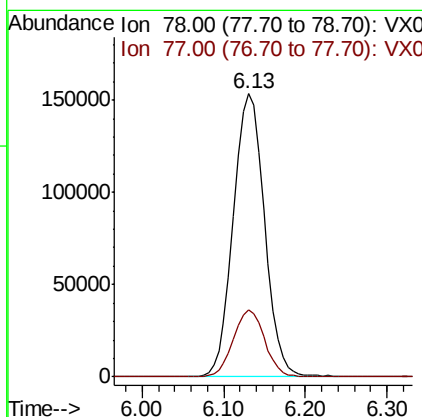
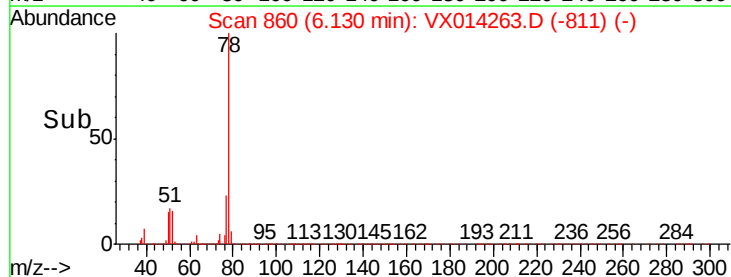
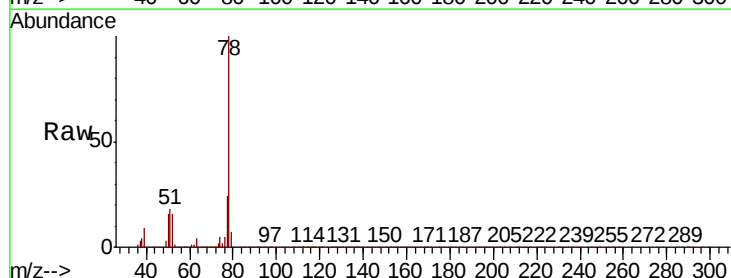
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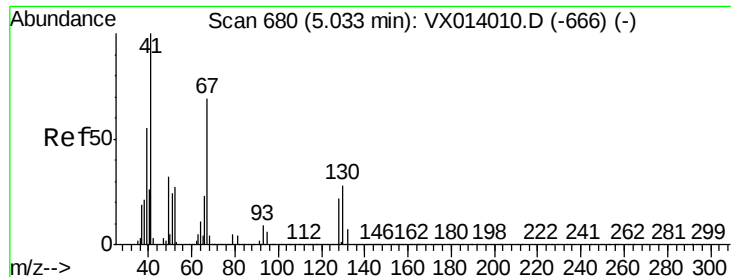
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#40
Benzene
Concen: 20.057 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX014263.D
Acq: 26 Dec 2019 12:51

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.8	28.2





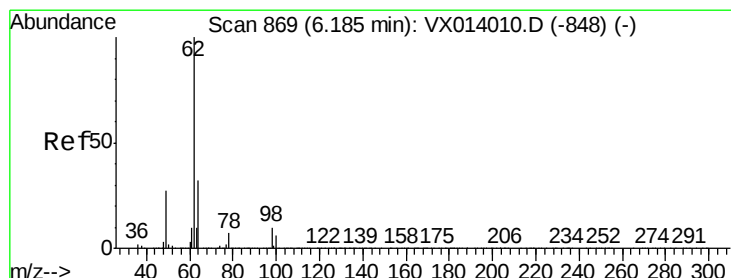
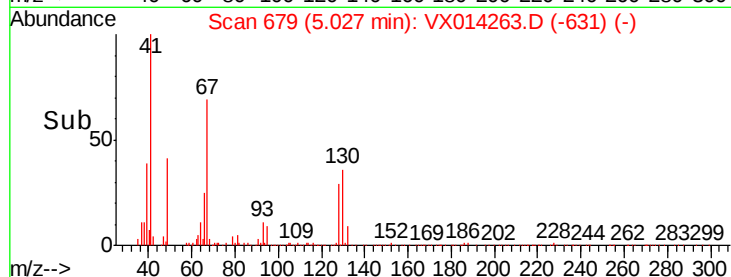
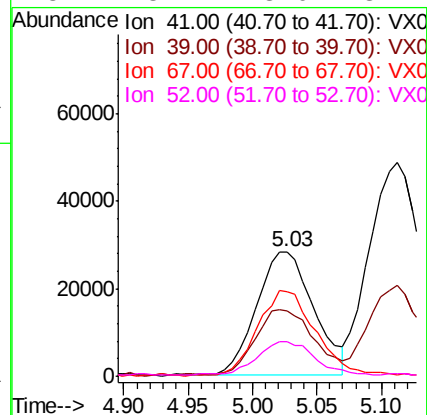
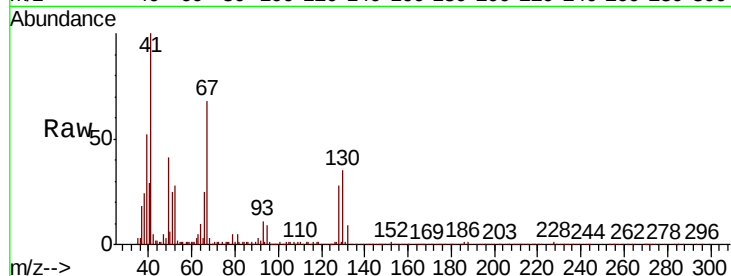
#41
Methacrylonitrile
Concen: 21.439 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX014263.D
Acq: 26 Dec 2019 12:51

Instrument :
MSVOA_X
ClientSampleId :
VX1226MBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		86582		
39	55.0	44.5	66.7		
67	71.8	57.4	86.0		
52	28.4	23.0	34.4		

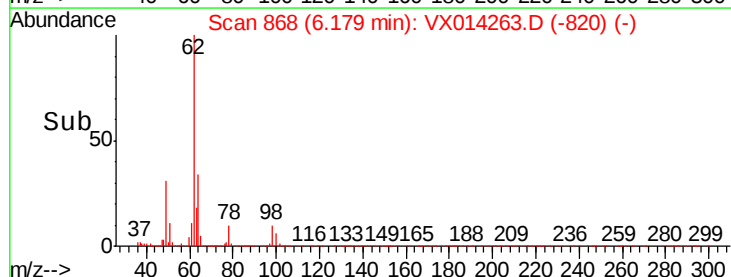
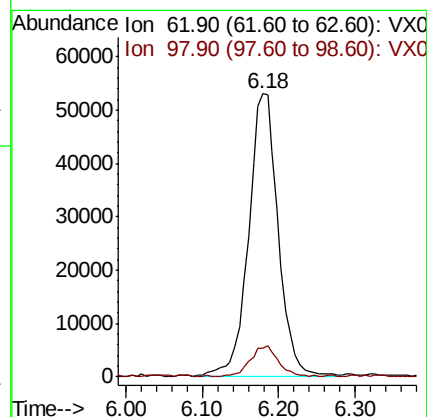
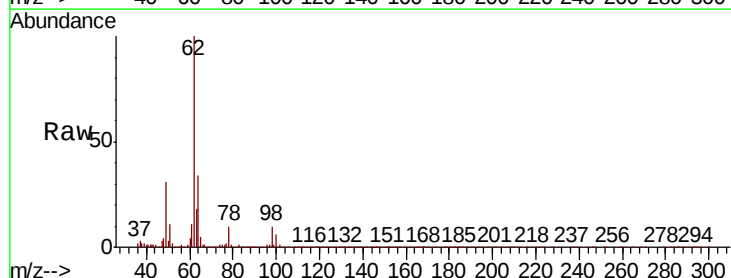
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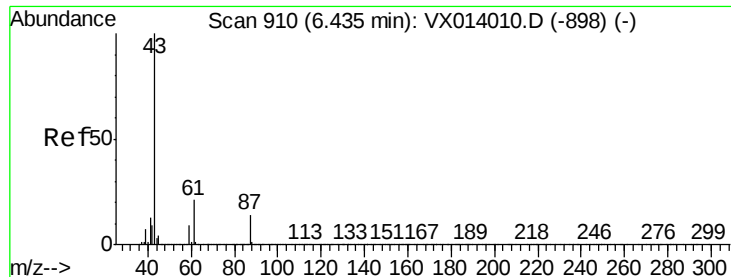
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#42
1,2-Dichloroethane
Concen: 20.534 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014263.D
Acq: 26 Dec 2019 12:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		141165		
98	10.3	0.0	21.0		





#43

Isopropyl Acetate

Concen: 21.186 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014263.D

Acq: 26 Dec 2019 12:51

Instrument :

MSVOA_X

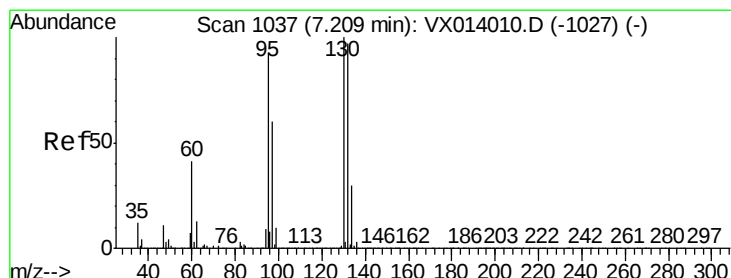
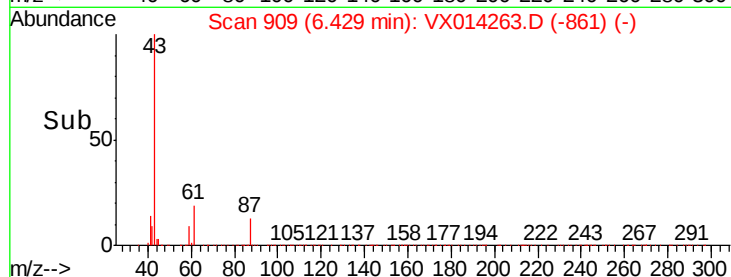
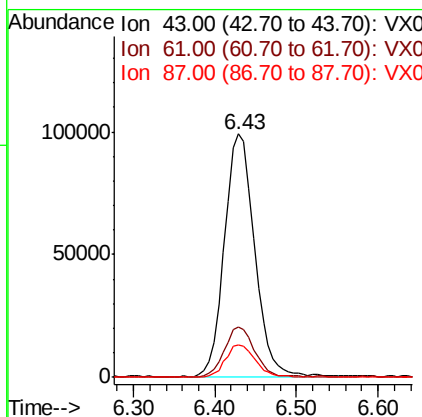
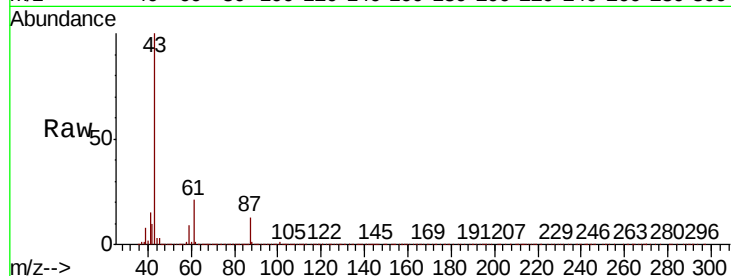
ClientSampleId :

VX1226MBS01

Tot Ion	43	Resp	255204
Ion Ratio	Lower	Upper	
43	100		
61	20.8	16.4	24.6
87	12.8	10.7	16.1

Manual Integrations
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#44

Trichloroethene

Concen: 19.527 ug/l

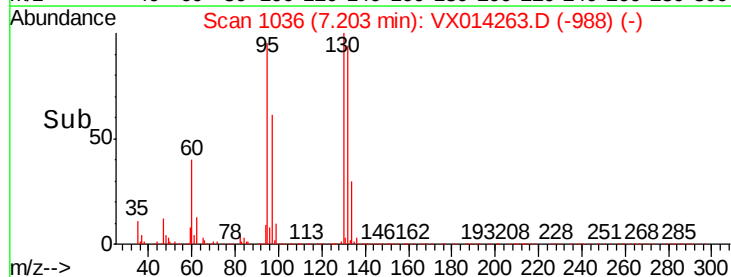
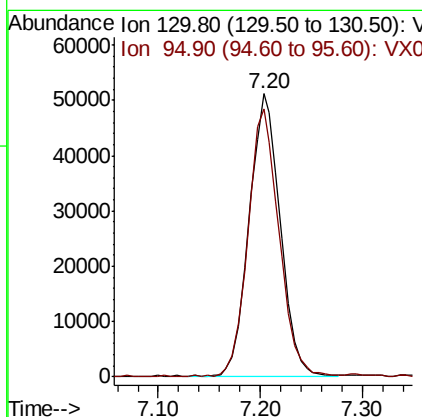
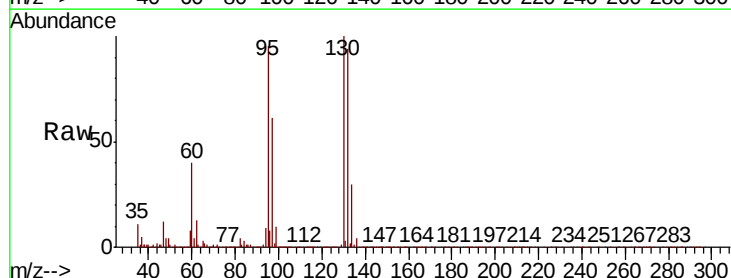
RT: 7.20 min Scan# 1036

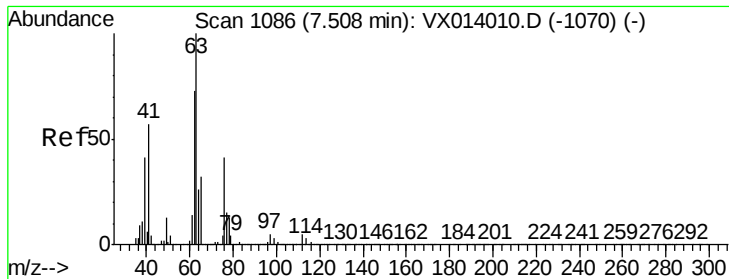
Delta R.T. -0.01 min

Lab File: VX014263.D

Acq: 26 Dec 2019 12:51

Tgt Ion	130	Resp	109382
Ion Ratio	Lower	Upper	
130	100		
95	94.6	0.0	185.6





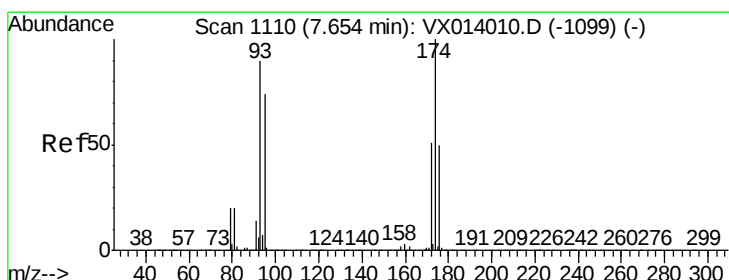
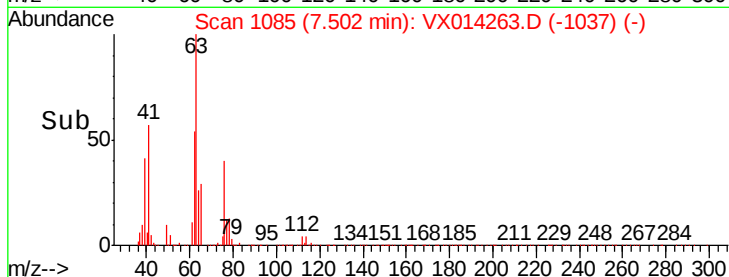
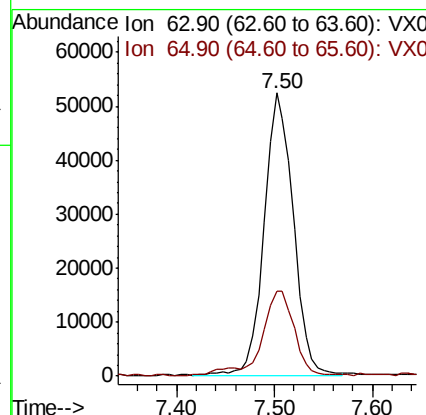
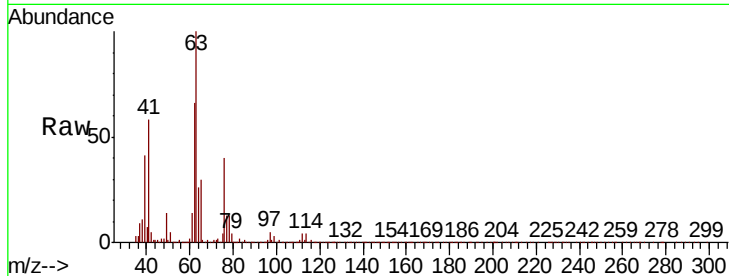
#45
 1,2-Dichloropropane
 Concen: 20.727 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014263.D
 Acq: 26 Dec 2019 12:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1226MBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.0	25.8	38.8

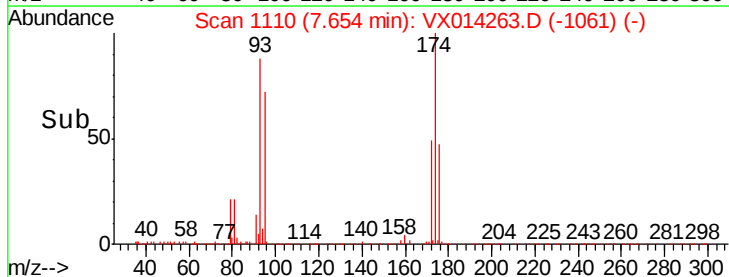
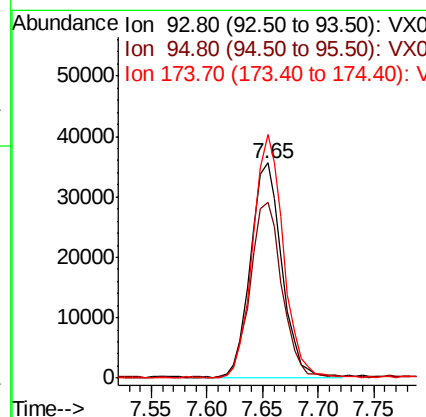
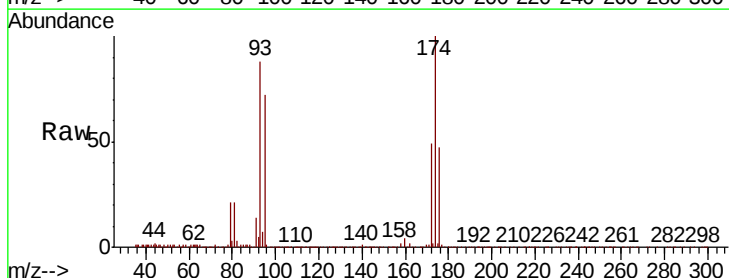
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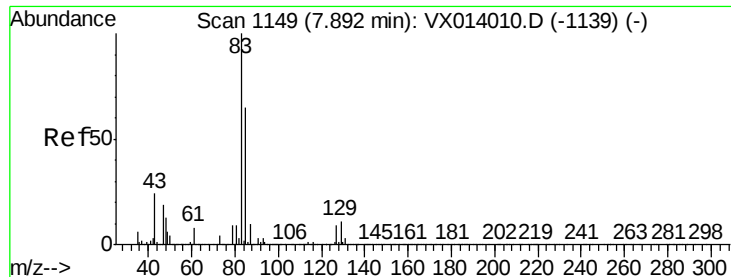
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#46
 Dibromomethane
 Concen: 20.271 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014263.D
 Acq: 26 Dec 2019 12:51

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.5	67.3	100.9
174	111.8	91.6	137.4





#47

Bromodichloromethane

Concen: 20.224 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014263.D

Acq: 26 Dec 2019 12:51

Instrument :

MSVOA_X

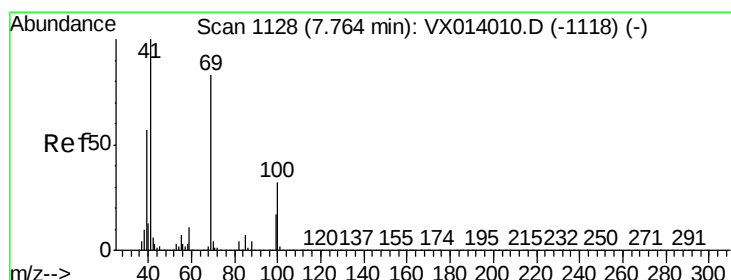
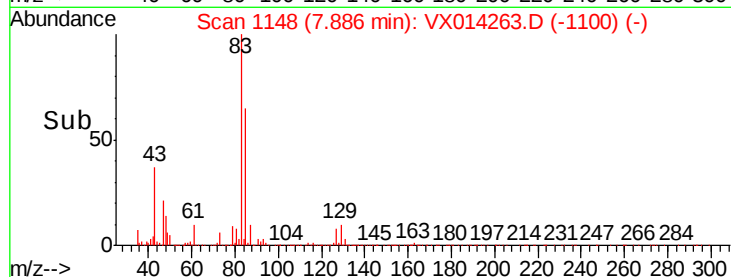
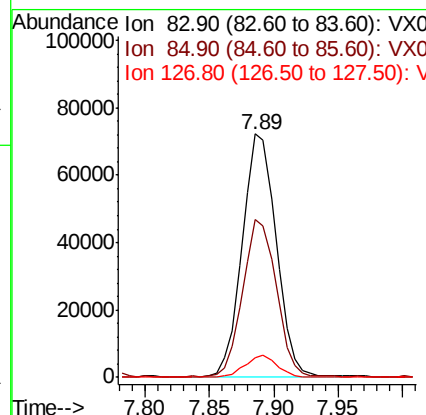
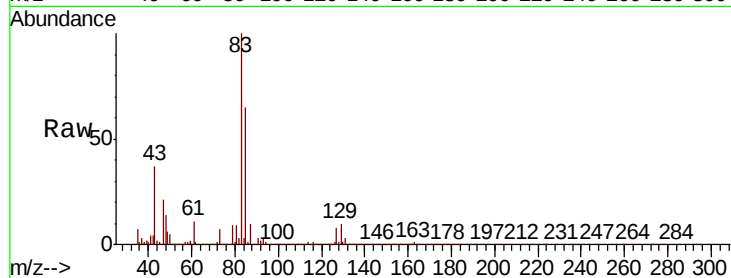
ClientSampleId :

VX1226MBS01

Tot Ion:	83	Resp:	130904
Ion Ratio	Lower	Upper	
83	100		
85	64.8	51.8	77.8
127	7.9	7.0	10.4

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#48

Methyl methacrylate

Concen: 20.585 ug/l

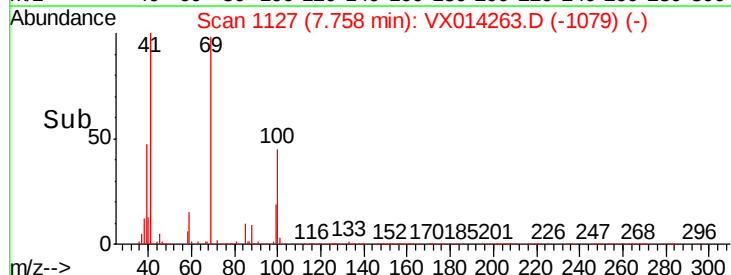
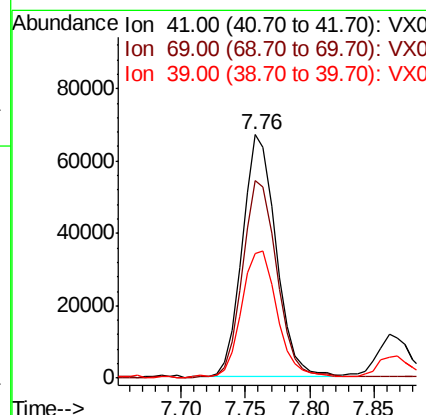
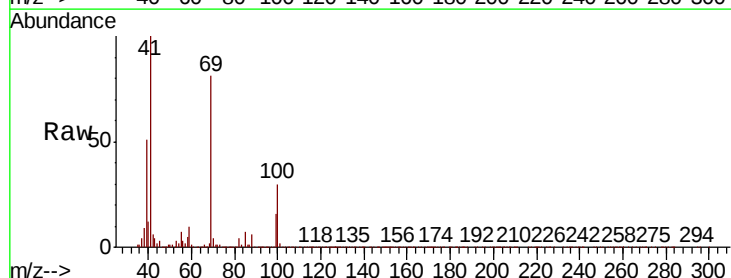
RT: 7.76 min Scan# 1127

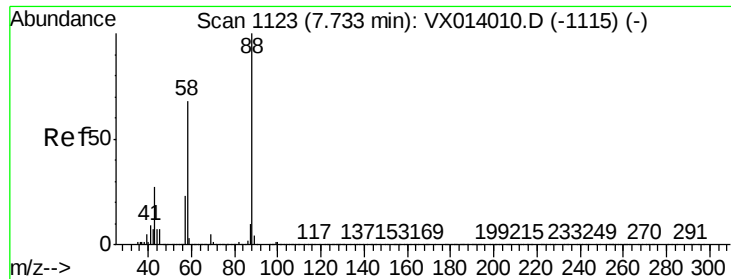
Delta R.T. -0.01 min

Lab File: VX014263.D

Acq: 26 Dec 2019 12:51

Tgt Ion:	41	Resp:	121421
Ion Ratio	Lower	Upper	
41	100		
69	83.2	65.8	98.6
39	55.1	44.6	67.0





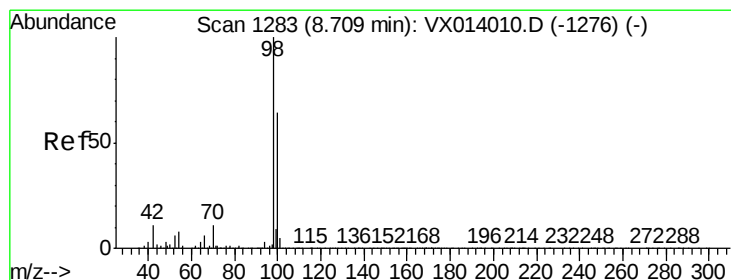
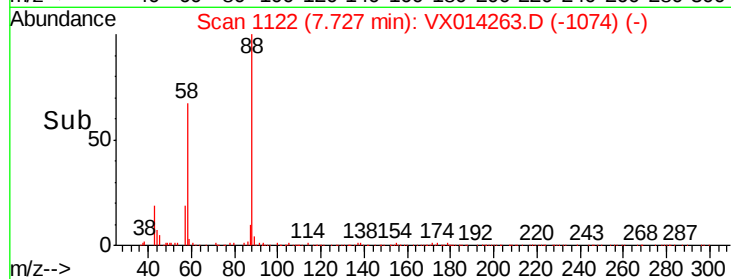
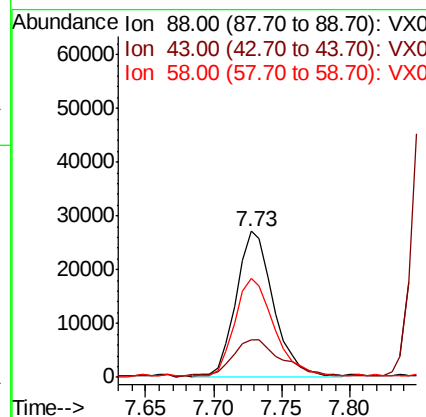
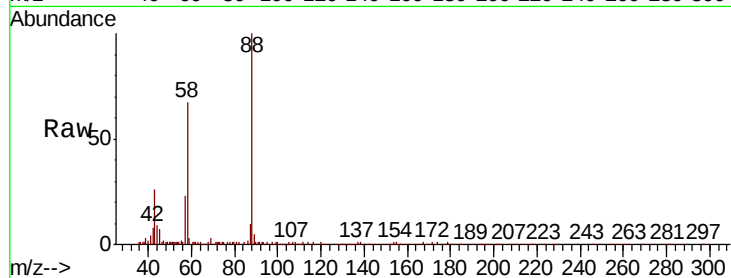
#49
1,4-Dioxane
Concen: 426.456 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX014263.D
Acq: 26 Dec 2019 12:51

Instrument :
MSVOA_X
ClientSampleId :
VX1226MBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.1	26.5	39.7
58	71.0	56.8	85.2

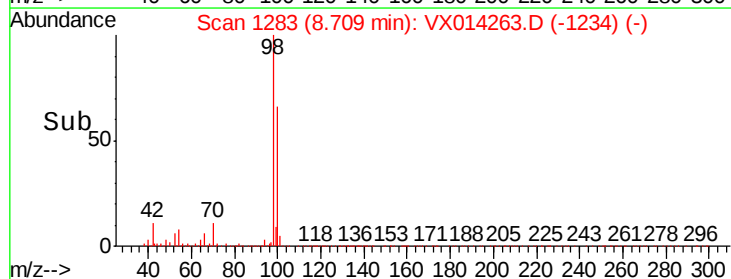
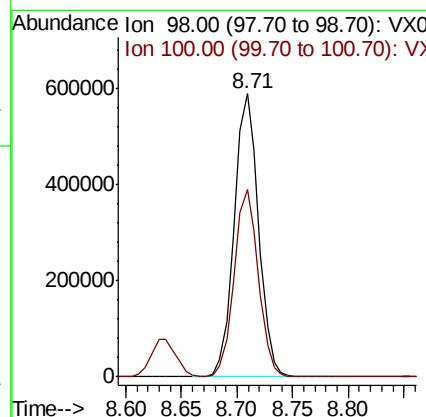
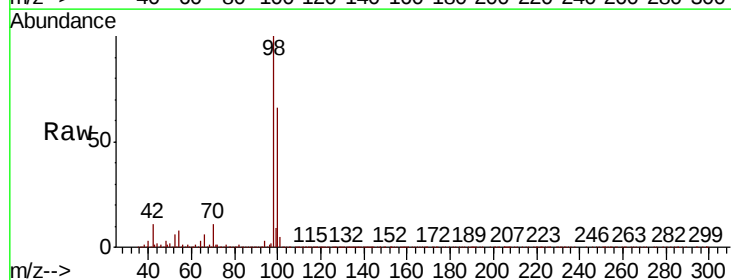
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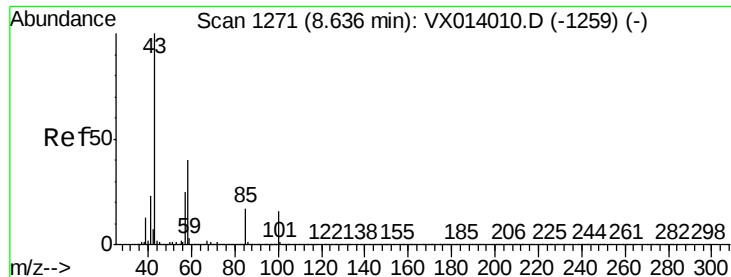
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#50
Toluene-d8
Concen: 52.161 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014263.D
Acq: 26 Dec 2019 12:51

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 106.227 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014263.D

Acq: 26 Dec 2019 12:51

Instrument :

MSVOA_X

ClientSampleId :

VX1226MBS01

Tot Ion: 43 Resp: 803606

Ion Ratio Lower Upper

43 100

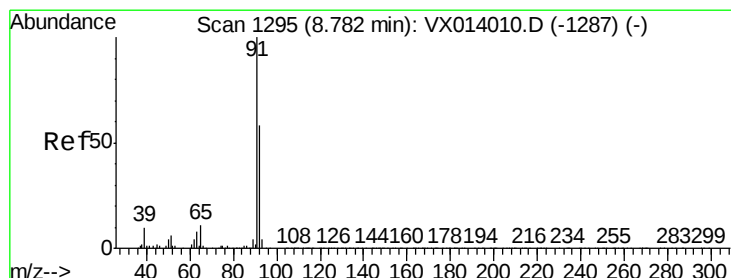
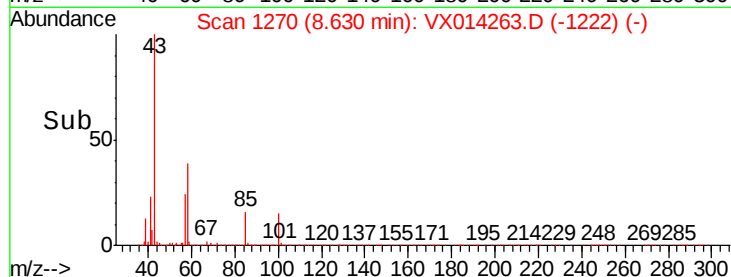
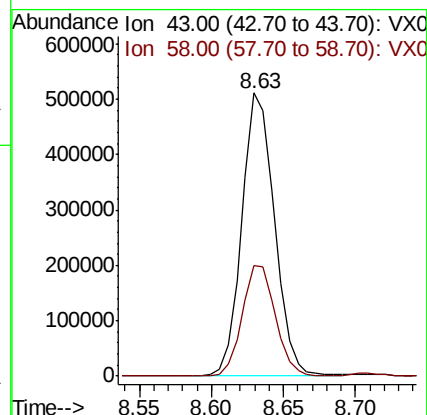
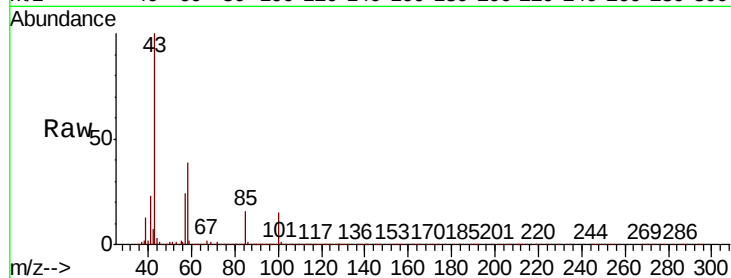
58 39.7 32.2 48.2

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#52

Toluene

Concen: 19.563 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014263.D

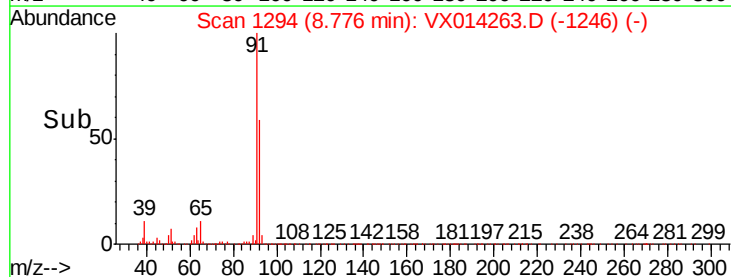
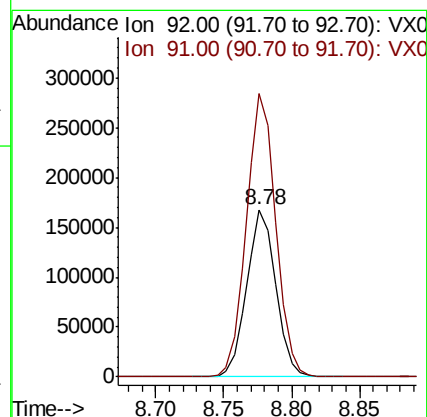
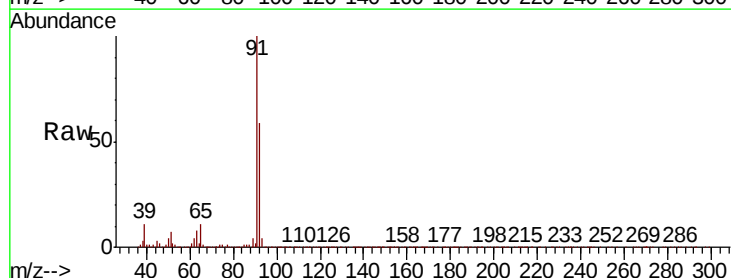
Acq: 26 Dec 2019 12:51

Tgt Ion: 92 Resp: 250779

Ion Ratio Lower Upper

92 100

91 171.6 136.2 204.4





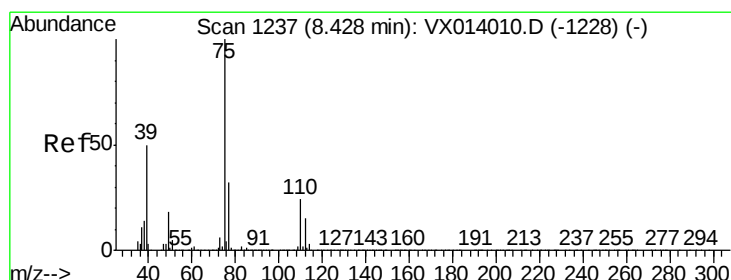
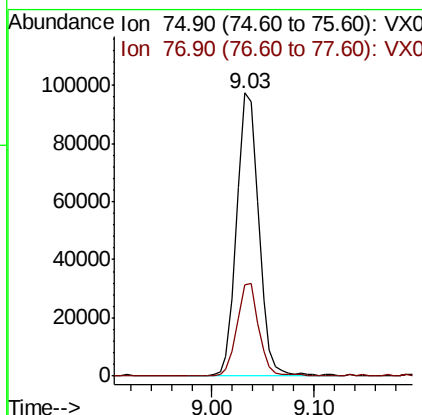
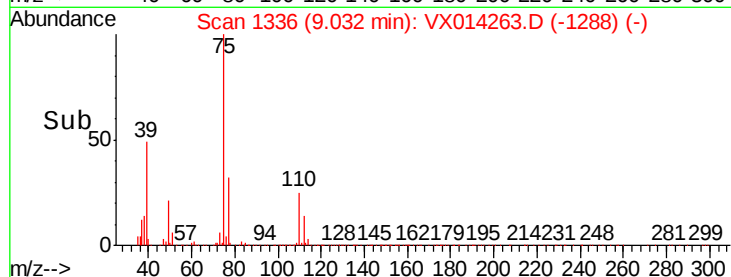
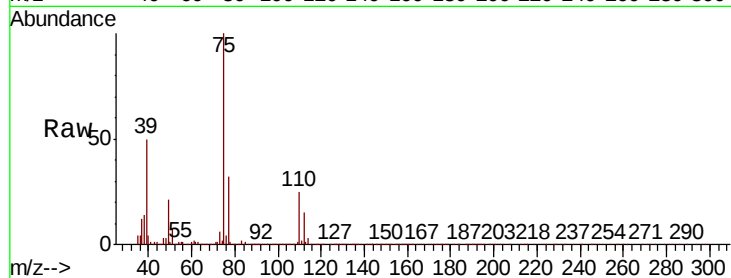
#53
t-1,3-Dichloropropene
Concen: 20.340 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX014263.D
Acq: 26 Dec 2019 12:51

Instrument :
MSVOA_X
ClientSampleId :
VX1226MBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.1	37.7

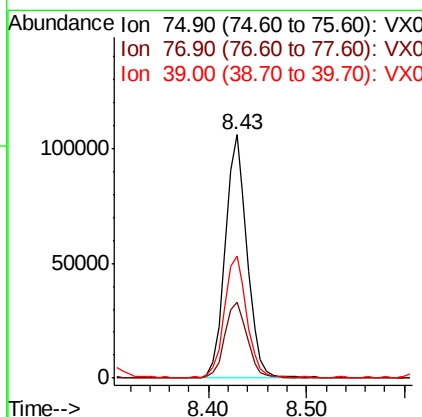
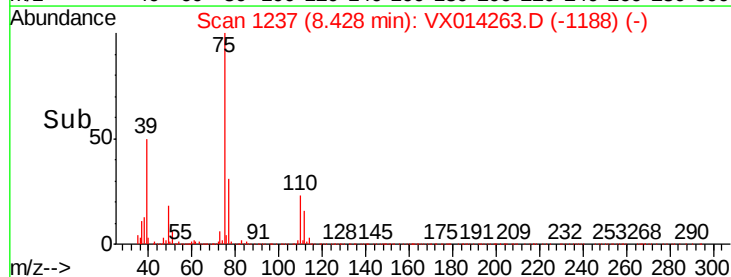
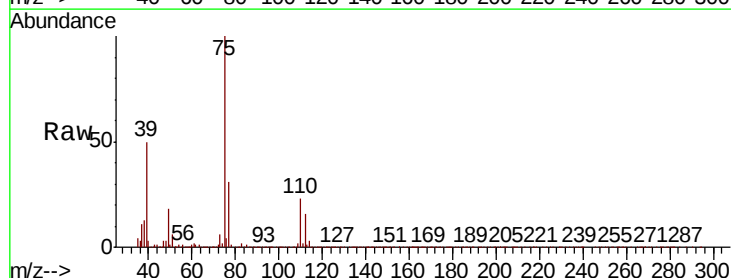
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#54
cis-1,3-Dichloropropene
Concen: 20.540 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014263.D
Acq: 26 Dec 2019 12:51

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.0	25.3	37.9
39	49.8	39.9	59.9





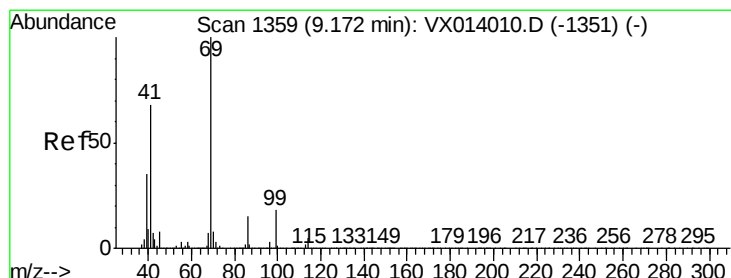
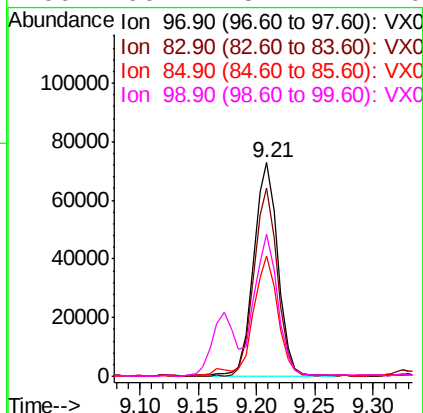
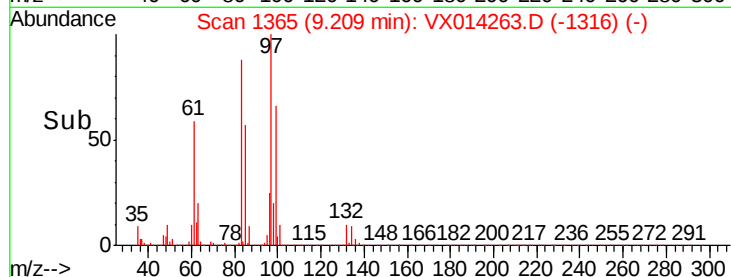
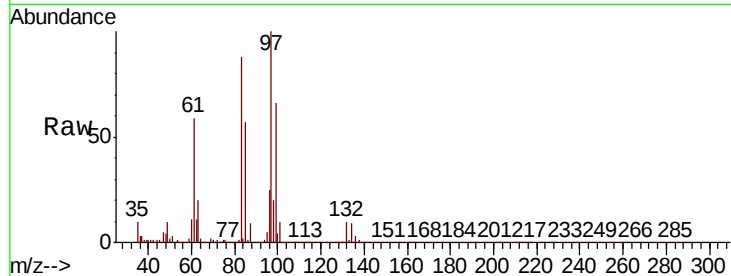
#55
 1,1,2-Trichloroethane
 Concen: 20.498 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014263.D
 Acq: 26 Dec 2019 12:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1226MBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		105313		
83	88.3	68.2	102.4		
85	56.2	44.6	66.8		
99	66.2	51.4	77.0		

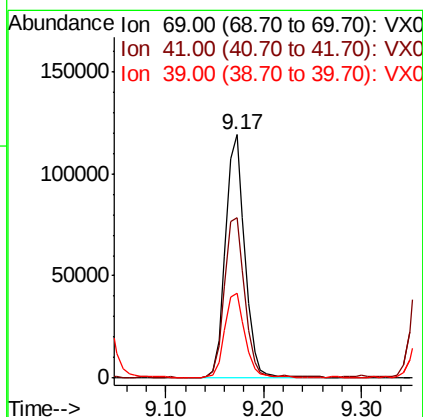
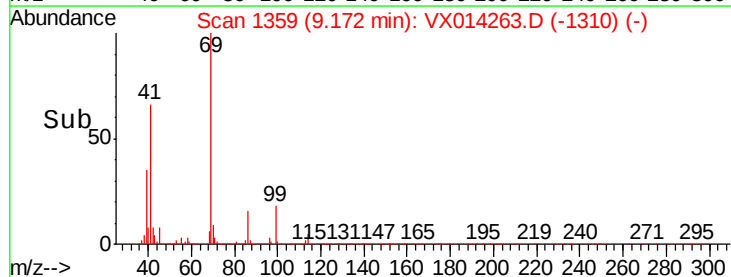
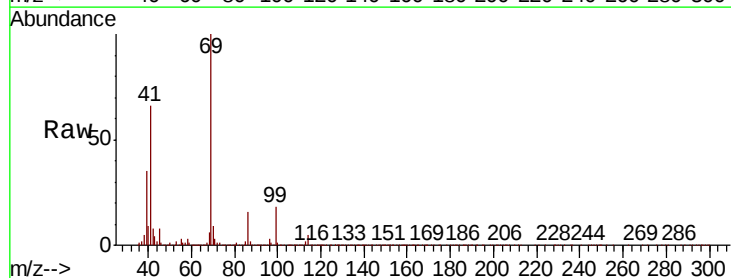
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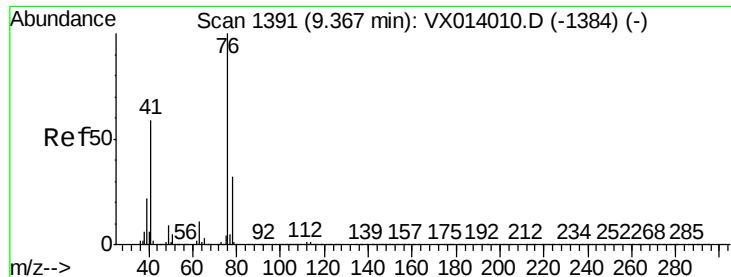
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#56
 Ethyl methacrylate
 Concen: 20.308 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014263.D
 Acq: 26 Dec 2019 12:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		163890		
41	67.9	54.8	82.2		
39	35.8	28.3	42.5		





#57

1,3-Dichloropropane

Concen: 20.466 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014263.D

Acq: 26 Dec 2019 12:51

Instrument :

MSVOA_X

ClientSampleId :

VX1226MBS01

Tot Ion: 76 Resp: 176905

Ion Ratio Lower Upper

76 100

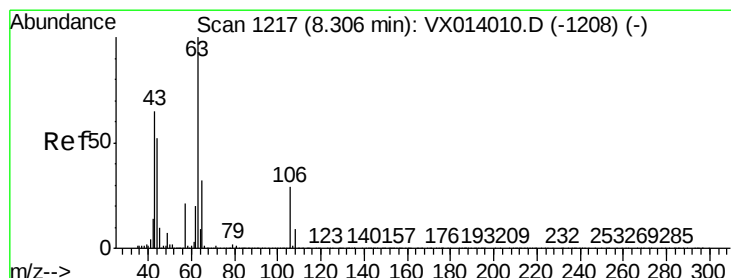
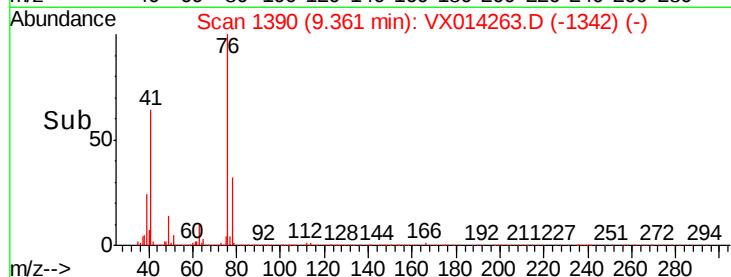
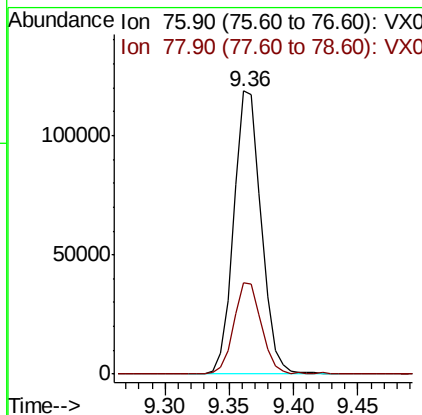
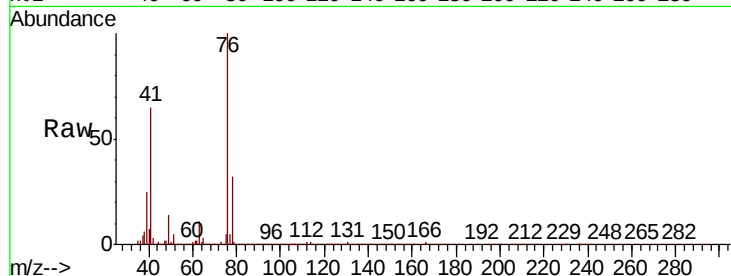
78 32.6 25.8 38.6

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#58

2-Chloroethyl Vinyl ether

Concen: 108.078 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014263.D

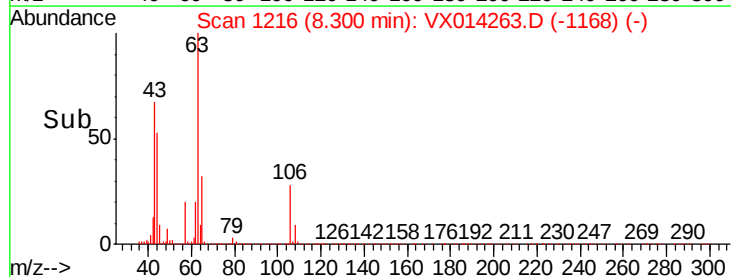
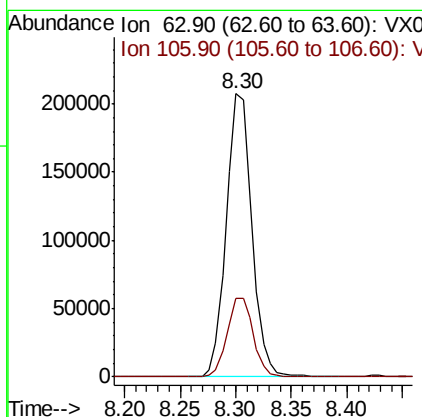
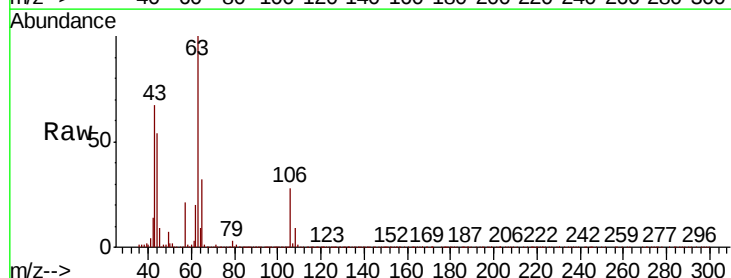
Acq: 26 Dec 2019 12:51

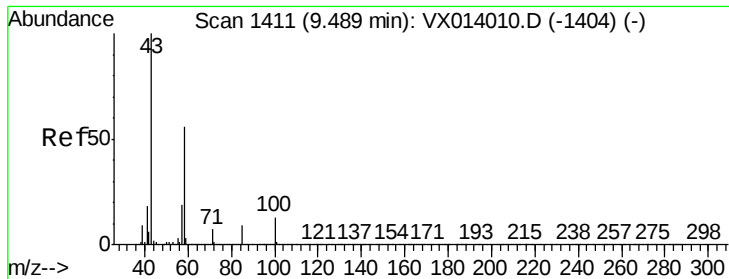
Tgt Ion: 63 Resp: 330084

Ion Ratio Lower Upper

63 100

106 28.6 23.0 34.6





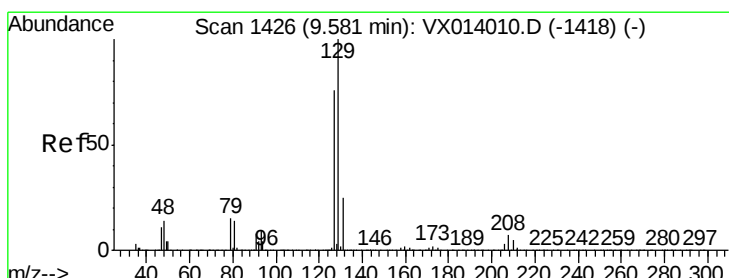
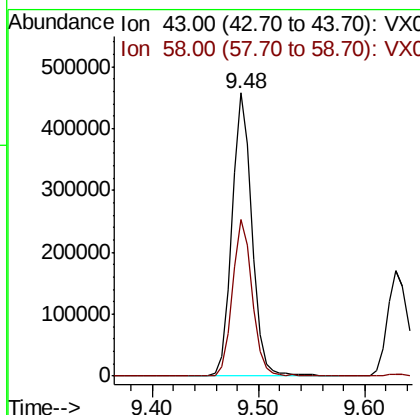
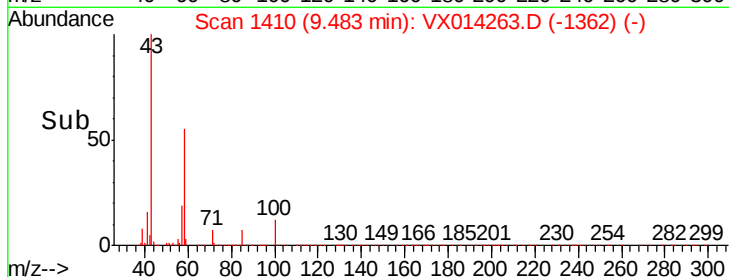
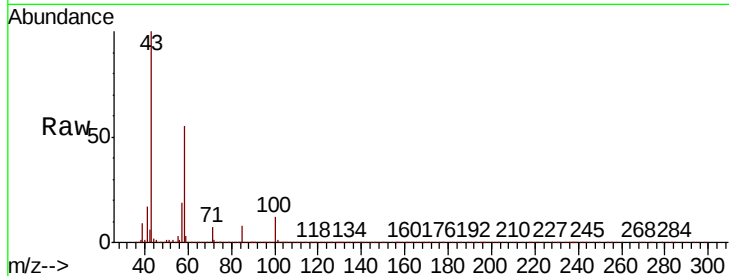
#59
2-Hexanone
Concen: 98.777 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014263.D
Acq: 26 Dec 2019 12:51

Instrument :
MSVOA_X
ClientSampleId :
VX1226MBS01

Tot Ion: 43 Resp: 601536
Ion Ratio Lower Upper
43 100
58 55.1 28.0 84.0

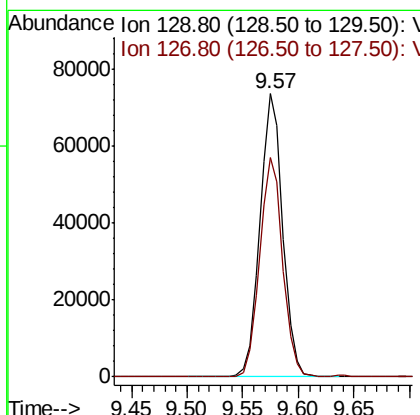
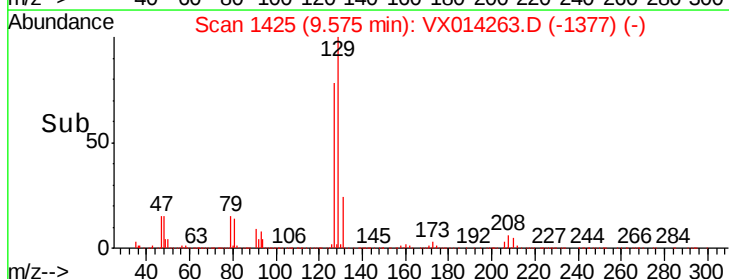
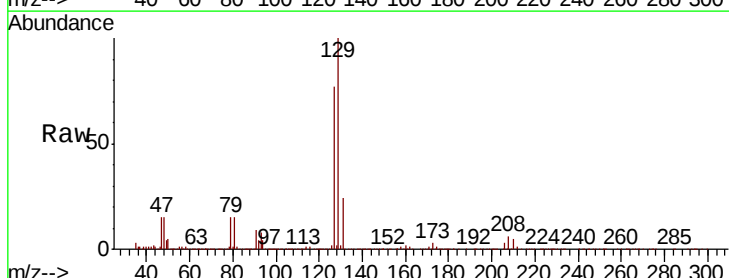
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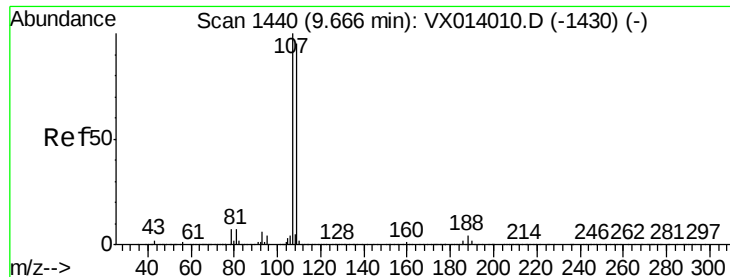
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#60
Dibromochloromethane
Concen: 20.566 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014263.D
Acq: 26 Dec 2019 12:51

Tgt Ion: 129 Resp: 105028
Ion Ratio Lower Upper
129 100
127 77.8 38.4 115.2





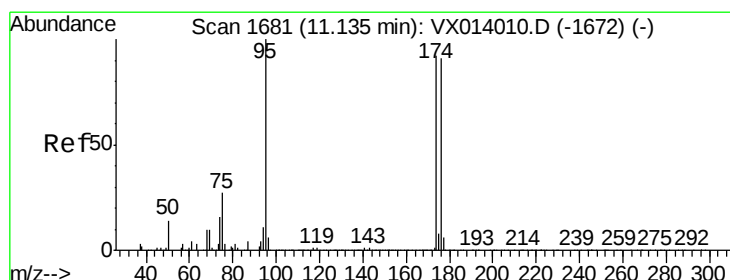
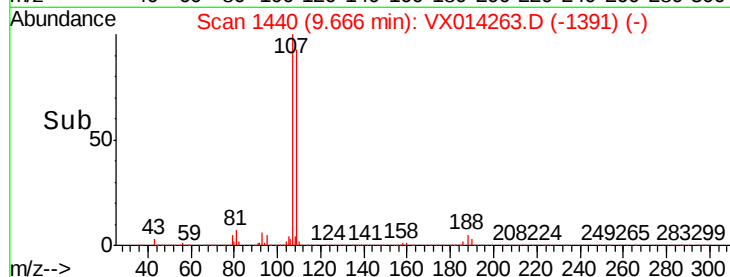
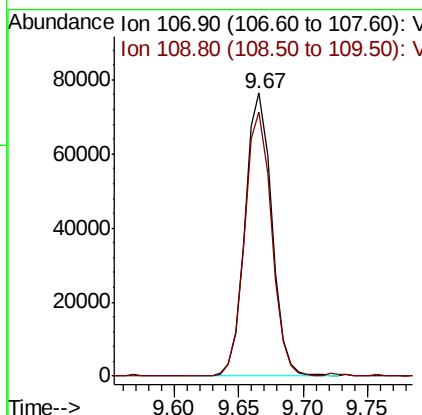
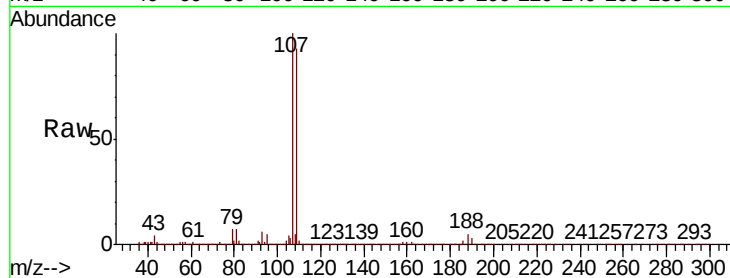
#61
 1,2-Dibromoethane
 Concen: 20.808 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX014263.D
 Acq: 26 Dec 2019 12:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1226MBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.4	75.7	113.5

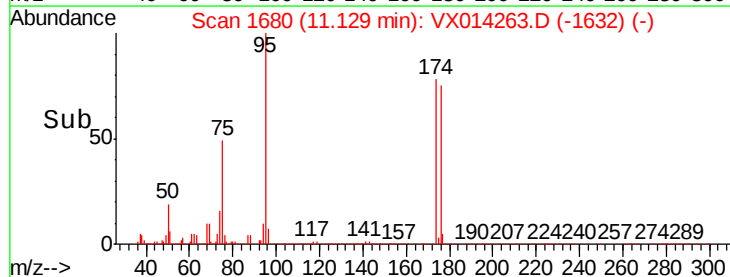
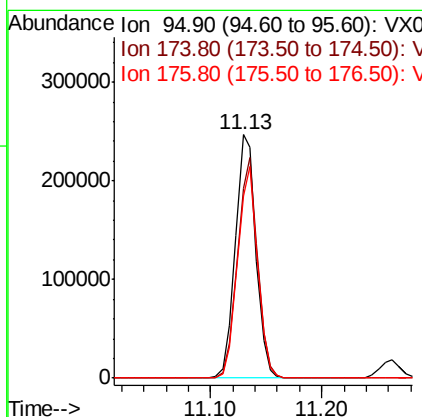
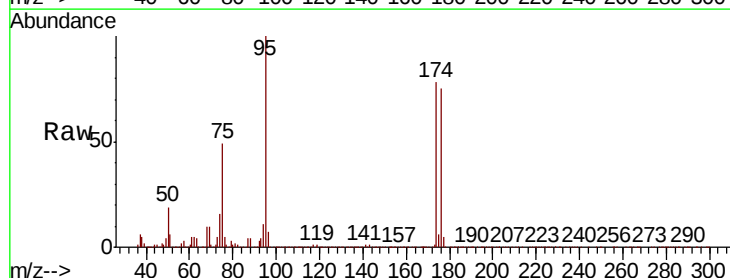
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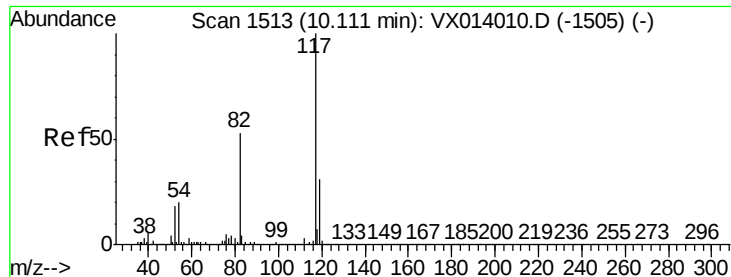
apatel
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#62
 4-Bromofluorobenzene
 Concen: 50.589 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: VX014263.D
 Acq: 26 Dec 2019 12:51

Tgt Ion	Ratio	Lower	Upper
95	100		
174	88.8	0.0	175.8
176	85.1	0.0	173.0





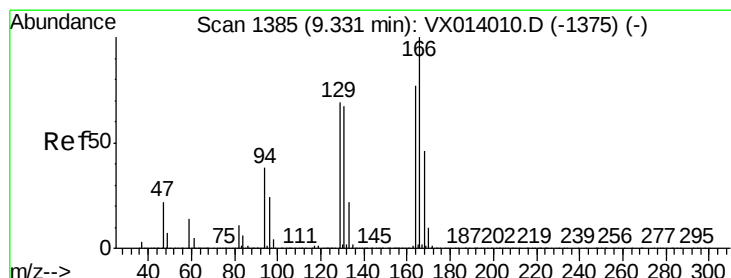
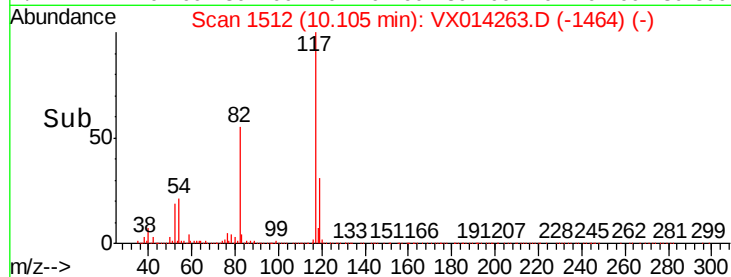
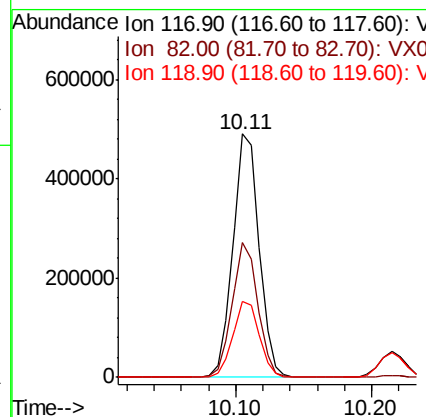
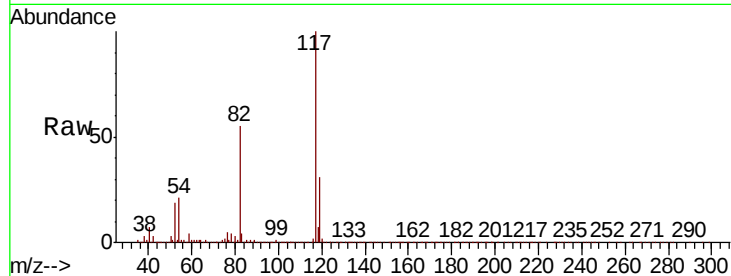
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014263.D
Acq: 26 Dec 2019 12:51

Instrument :
MSVOA_X
ClientSampleId :
VX1226MBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	655331		
82	55.2		42.2	63.4
119	31.3		25.1	37.7

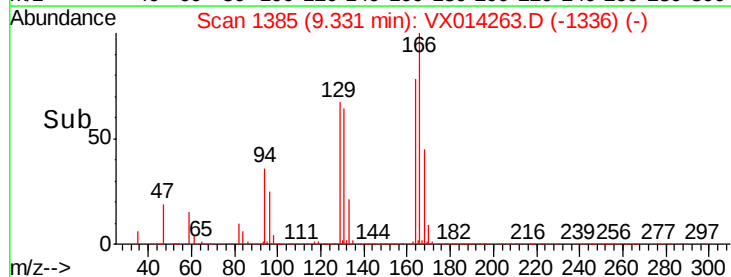
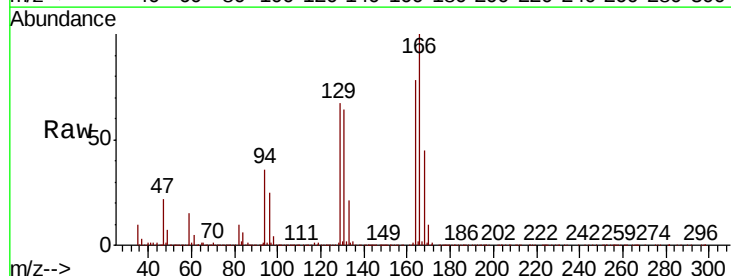
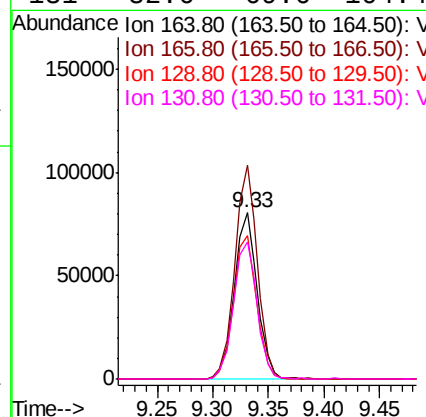
Manual Integrations
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#64
Tetrachloroethene
Concen: 19.714 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014263.D
Acq: 26 Dec 2019 12:51

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	114320		
166	128.4		104.0	156.0
129	85.7		72.2	108.4
131	82.6		69.6	104.4





#65

Chlorobenzene

Concen: 19.486 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014263.D

Acq: 26 Dec 2019 12:51

Instrument :

MSVOA_X

ClientSampleId :

VX1226MBS01

Tot Ion:112 Resp: 271520

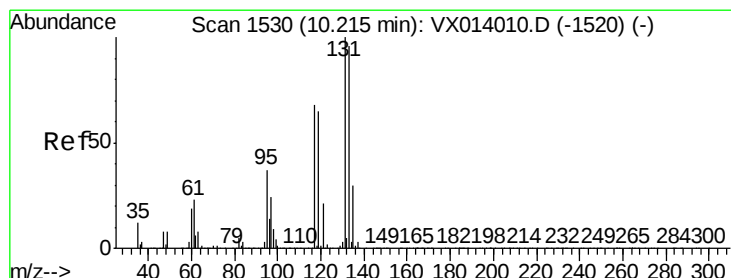
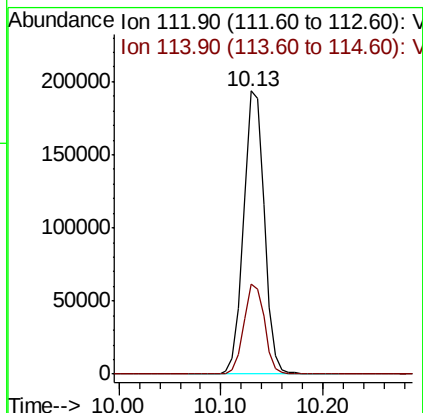
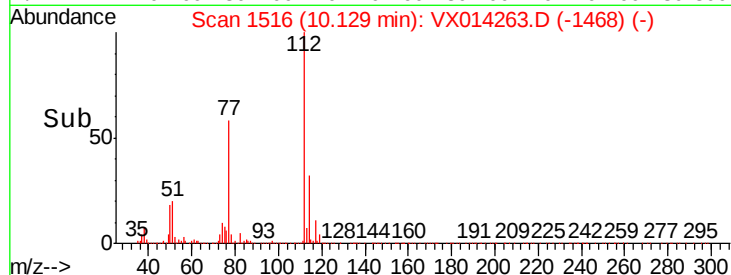
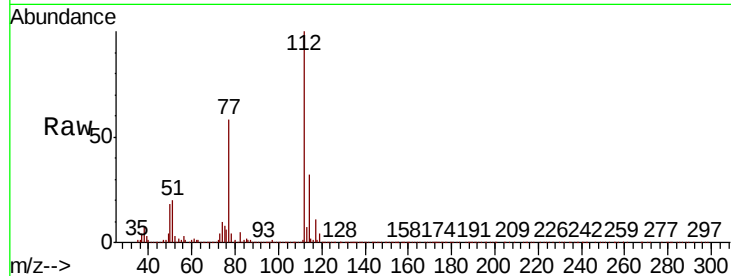
Ion Ratio Lower Upper

112 100

114 31.7 24.9 37.3

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#66

1,1,1,2-Tetrachloroethane

Concen: 19.894 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014263.D

Acq: 26 Dec 2019 12:51

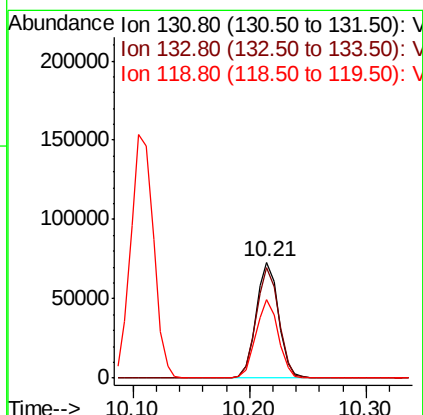
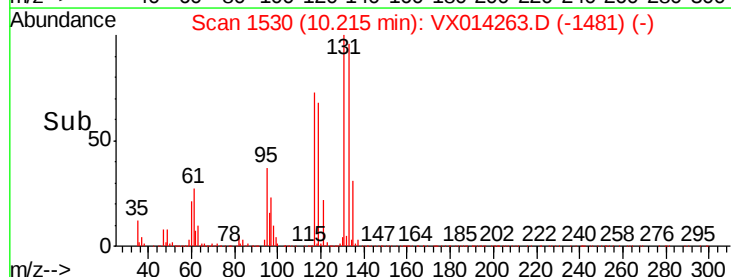
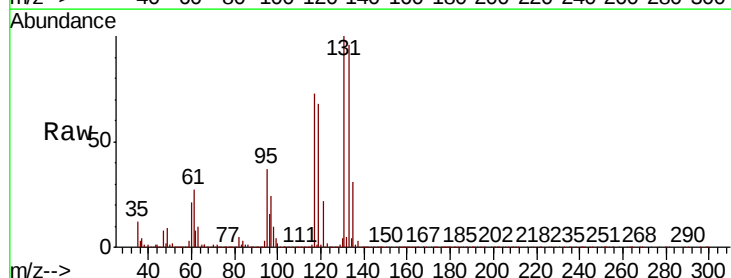
Tgt Ion:131 Resp: 98975

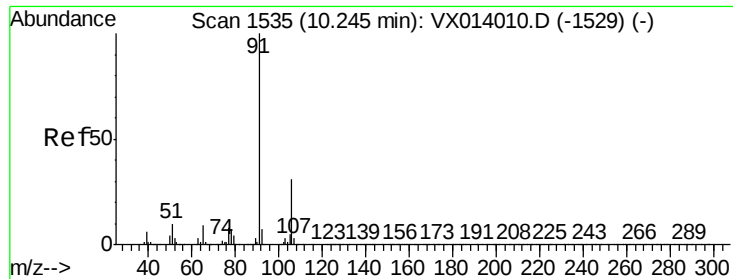
Ion Ratio Lower Upper

131 100

133 96.3 48.0 144.0

119 67.1 33.4 100.2





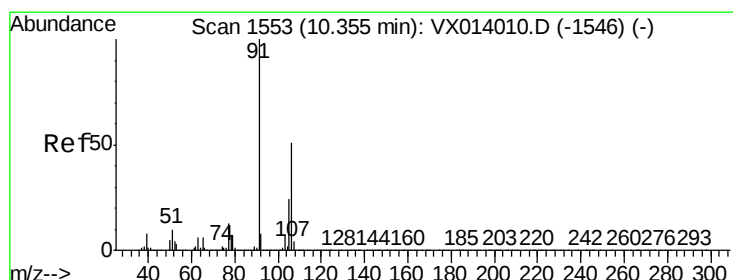
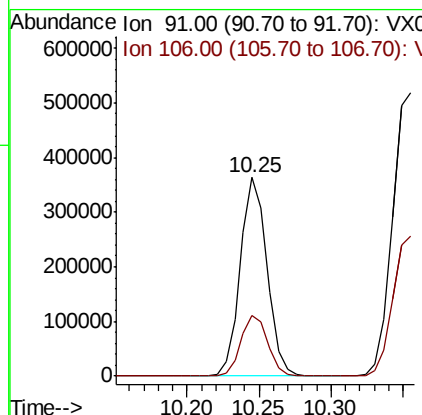
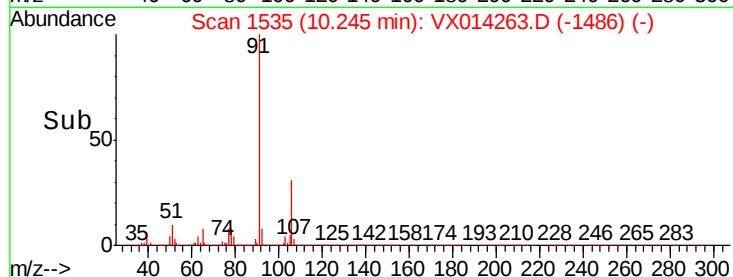
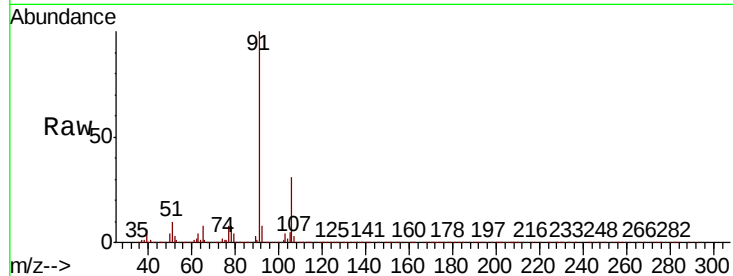
#67
Ethyl Benzene
Concen: 19.646 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014263.D
Acq: 26 Dec 2019 12:51

Instrument :
MSVOA_X
ClientSampleId :
VX1226MBS01

Tot Ion: 91 Resp: 470637
Ion Ratio Lower Upper
91 100
106 30.7 25.0 37.6

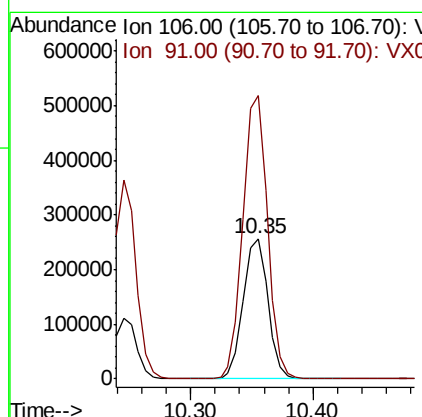
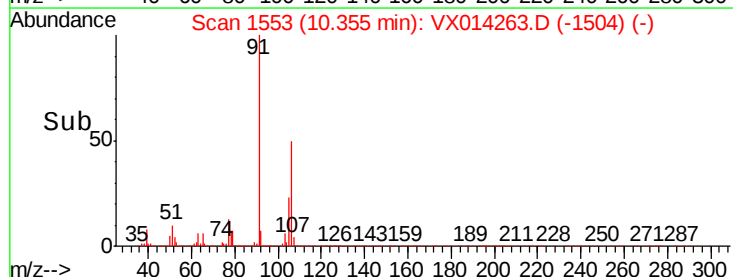
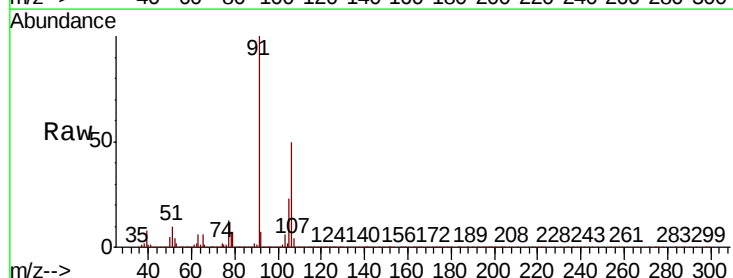
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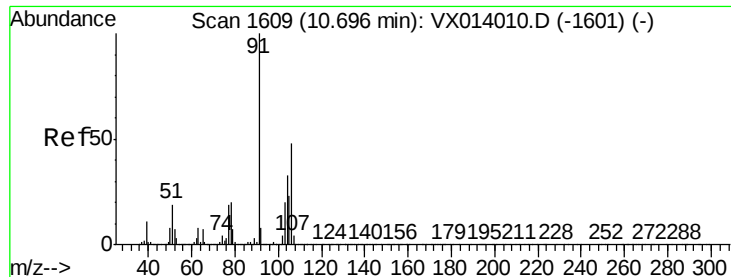
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#68
m/p-Xylenes
Concen: 39.044 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014263.D
Acq: 26 Dec 2019 12:51

Tgt Ion: 106 Resp: 359743
Ion Ratio Lower Upper
106 100
91 200.8 158.6 238.0





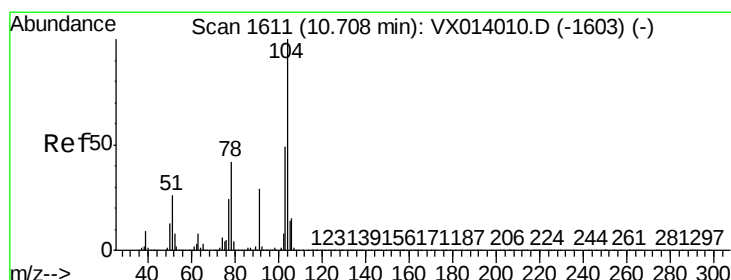
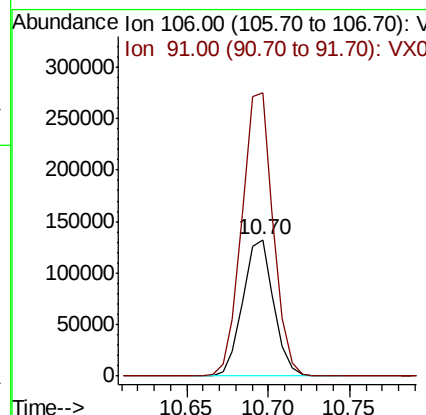
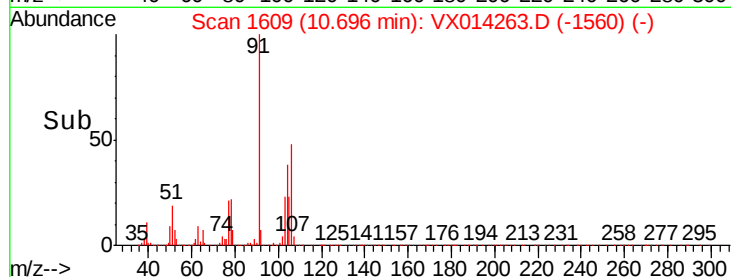
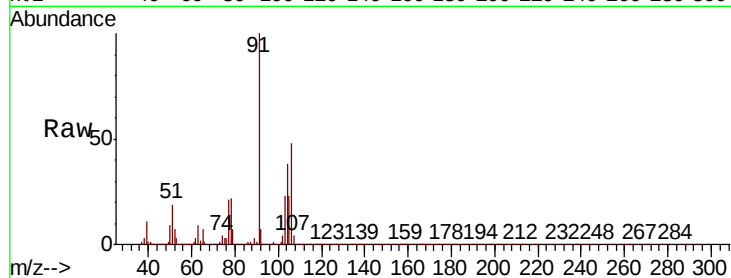
#69
o-Xylene
Concen: 19.365 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014263.D
Acq: 26 Dec 2019 12:51

Instrument :
MSVOA_X
ClientSampleId :
VX1226MBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	209.7	104.2	312.6

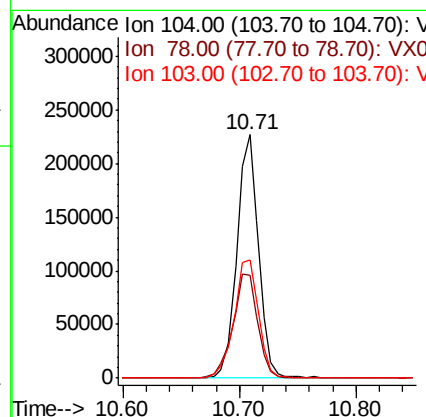
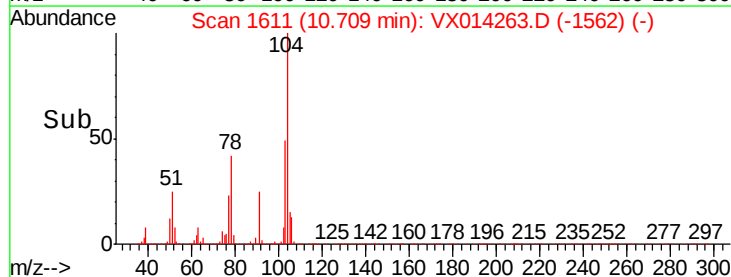
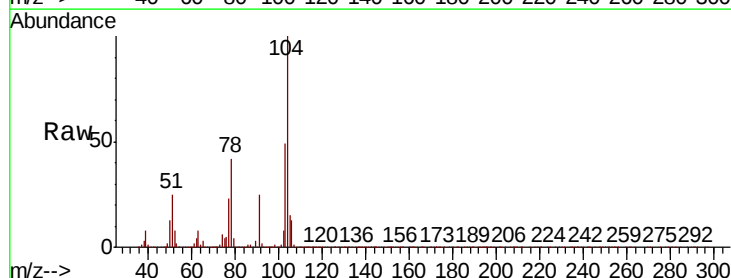
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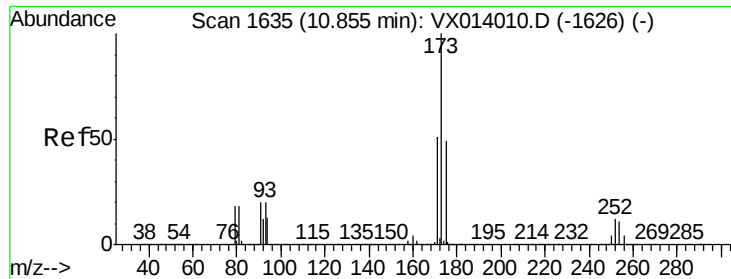
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#70
Styrene
Concen: 19.109 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014263.D
Acq: 26 Dec 2019 12:51

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.3	38.5	57.7
103	55.1	42.9	64.3





#71

Bromoform

Concen: 19.914 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX014263.D

Acq: 26 Dec 2019 12:51

Instrument :

MSVOA_X

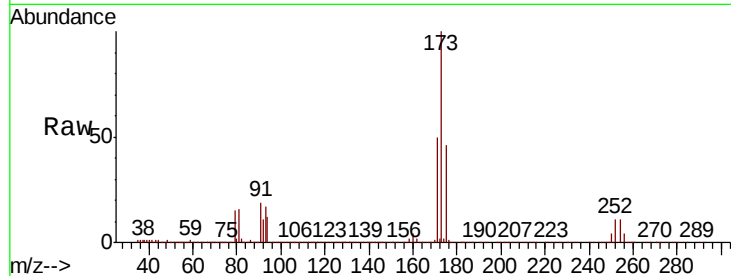
ClientSampleId :

VX1226MBS01

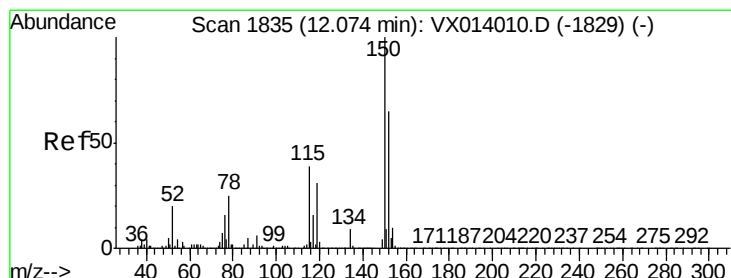
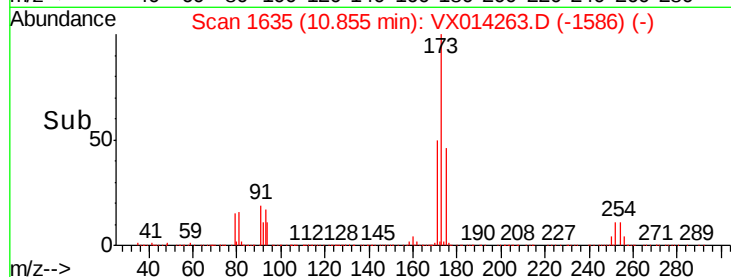
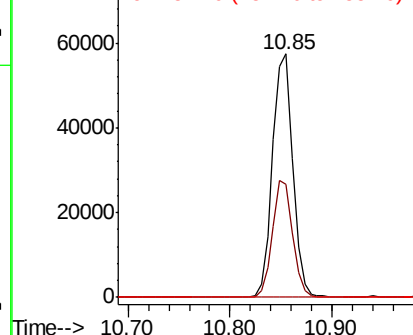
Tot Ion:	173	Resp:	79642
Ion Ratio	Lower	Upper	
173	100		
175	47.4	24.4	73.4
254	0.2	0.2	0.2

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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

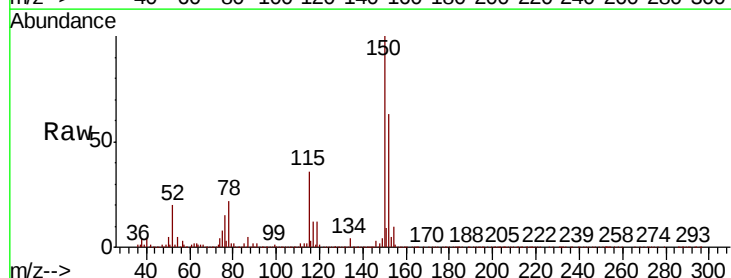
RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

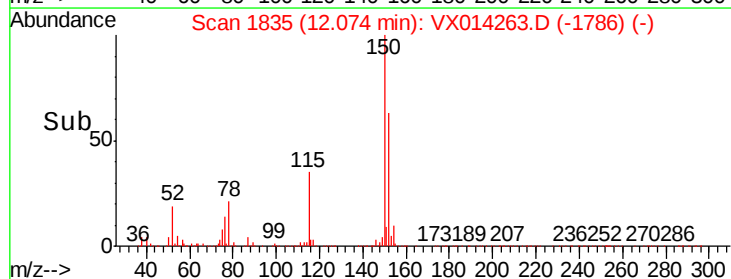
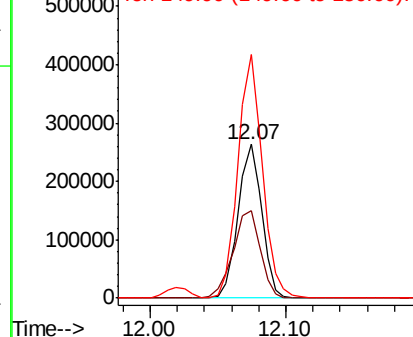
Lab File: VX014263.D

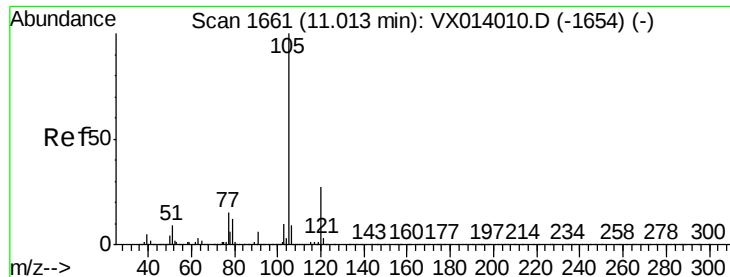
Acq: 26 Dec 2019 12:51

Tgt Ion:	152	Resp:	319424
Ion Ratio	Lower	Upper	
152	100		
115	65.4	38.3	114.9
150	163.4	0.0	345.4



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: 20.571 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014263.D

Acq: 26 Dec 2019 12:51

Instrument :

MSVOA_X

ClientSampleId :

VX1226MBS01

Tot Ion:105 Resp: 462639

Ion Ratio Lower Upper

105 100

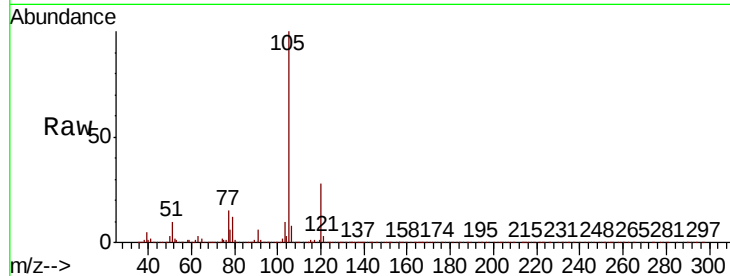
120 27.3 13.5 40.4

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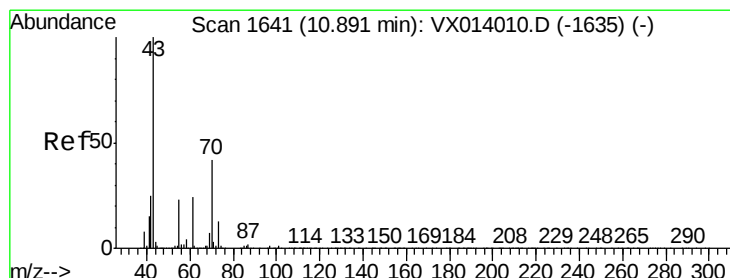
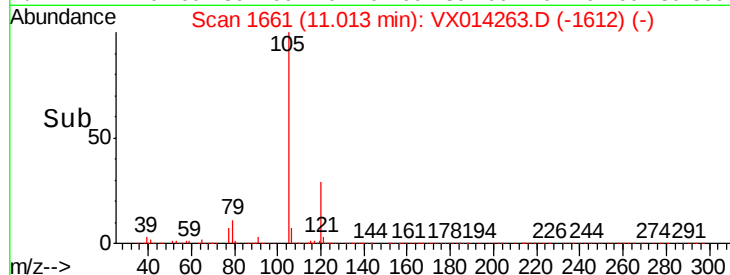
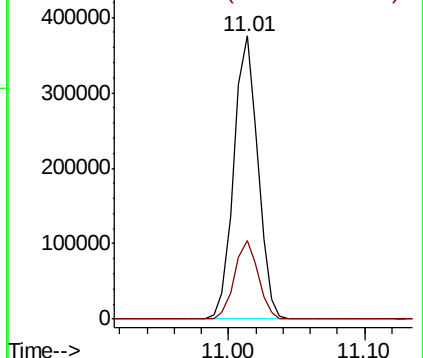
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.271 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014263.D

Acq: 26 Dec 2019 12:51

Tgt Ion: 43 Resp: 213696

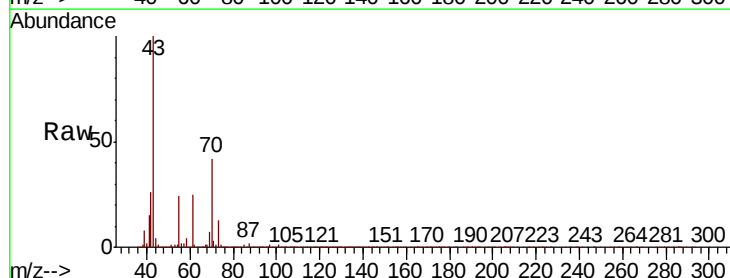
Ion Ratio Lower Upper

43 100

70 42.7 34.4 51.6

55 24.0 19.1 28.7

61 24.0 19.7 29.5

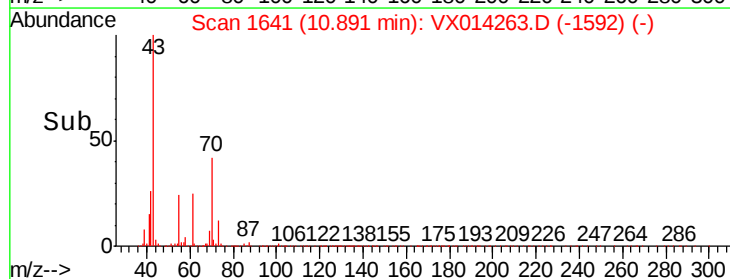
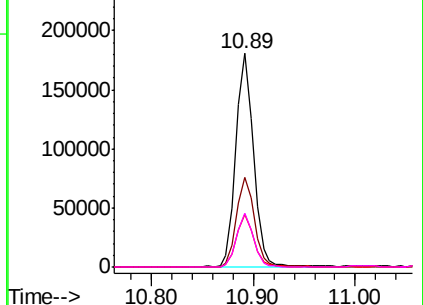


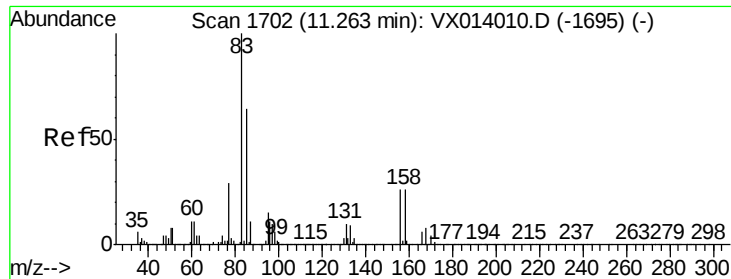
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.494 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014263.D

Acq: 26 Dec 2019 12:51

Instrument :

MSVOA_X

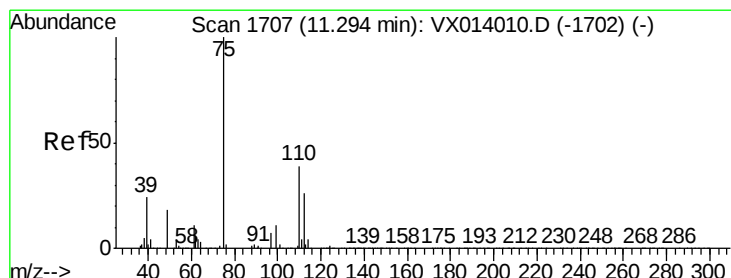
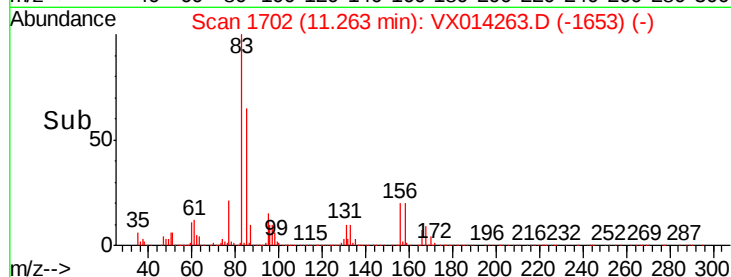
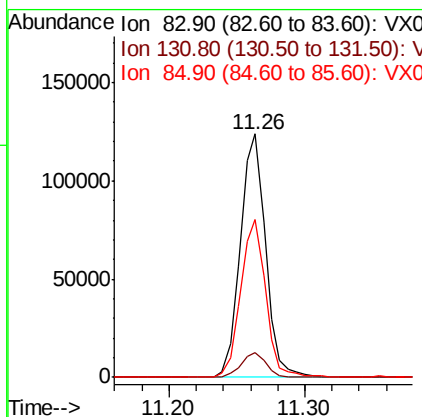
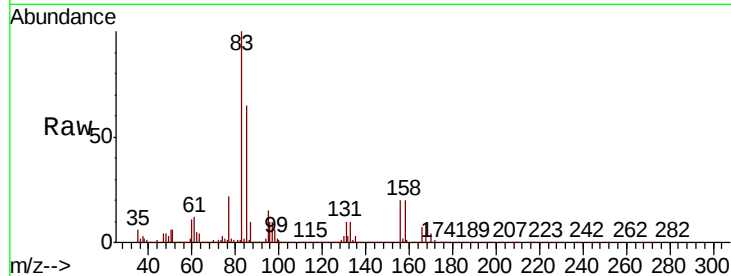
ClientSampleId :

VX1226MBS01

Tot Ion:	83	Resp:	159796
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.1	15.2
85	64.9	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 19.564 ug/l m

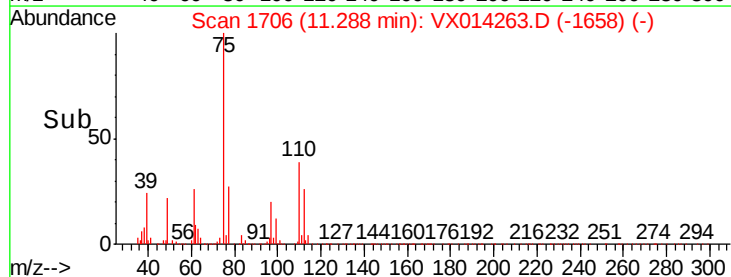
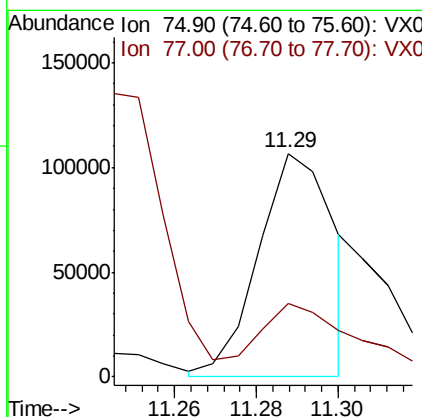
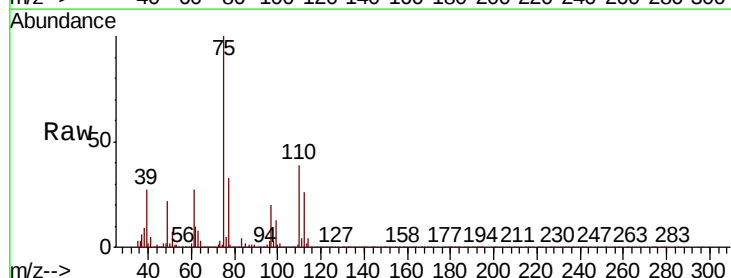
RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014263.D

Acq: 26 Dec 2019 12:51

Tgt Ion:	75	Resp:	135671
Ion Ratio	Lower	Upper	
75	100		
77	43.8	19.3	57.8





#77

Bromobenzene

Concen: 19.792 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014263.D

Acq: 26 Dec 2019 12:51

Instrument :

MSVOA_X

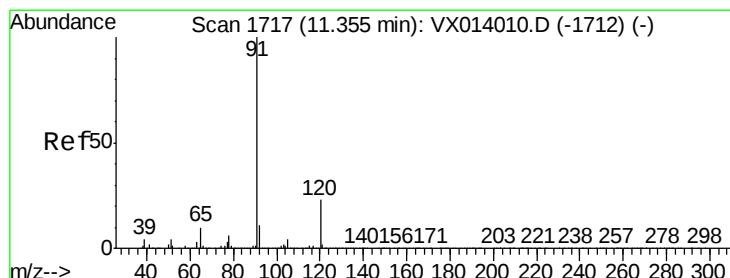
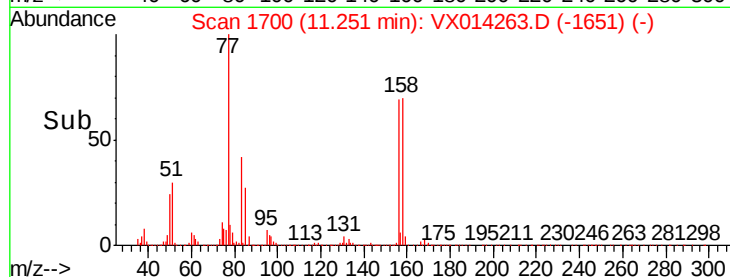
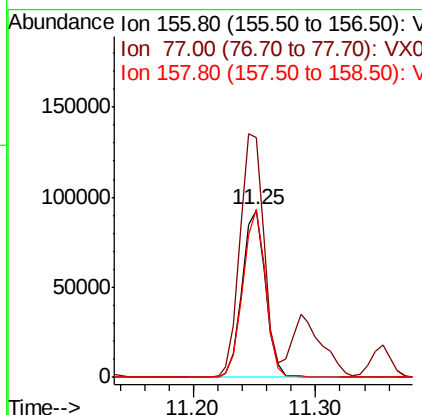
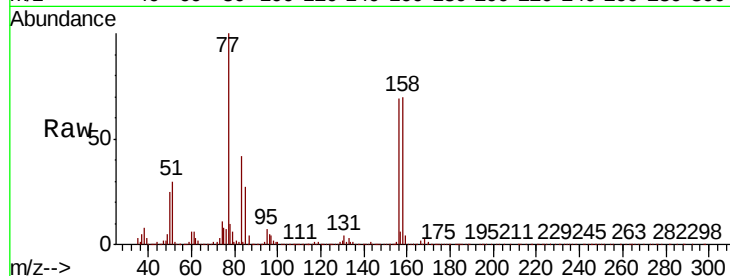
ClientSampleId :

VX1226MBS01

Tot Ion:	156	Resp:	122470
Ion Ratio	Lower	Upper	
156	100		
77	149.1	76.5	229.5
158	96.9	49.3	147.9

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#78

n-propylbenzene

Concen: 20.659 ug/l

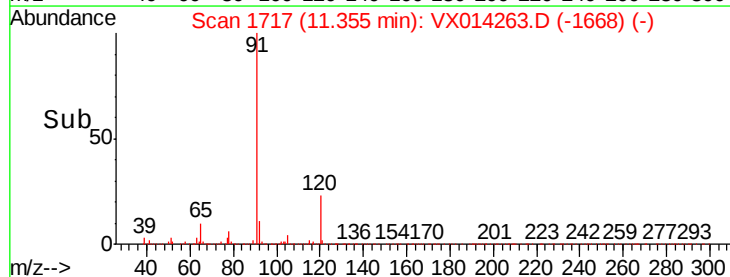
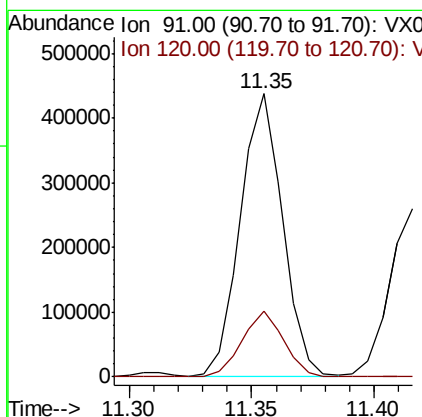
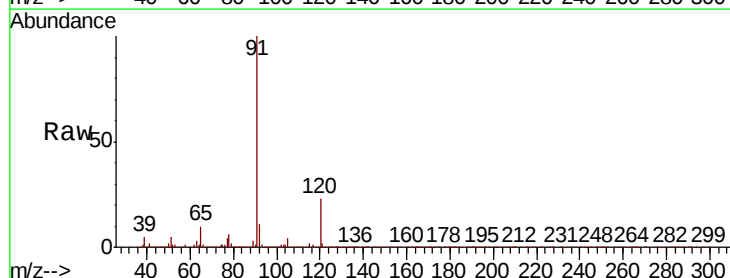
RT: 11.35 min Scan# 1717

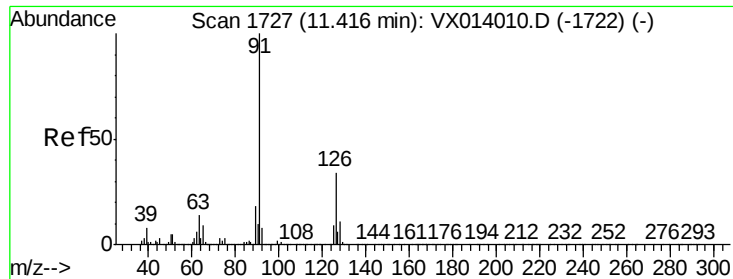
Delta R.T. 0.00 min

Lab File: VX014263.D

Acq: 26 Dec 2019 12:51

Tgt Ion:	91	Resp:	521162
Ion Ratio	Lower	Upper	
91	100		
120	22.9	11.7	35.0





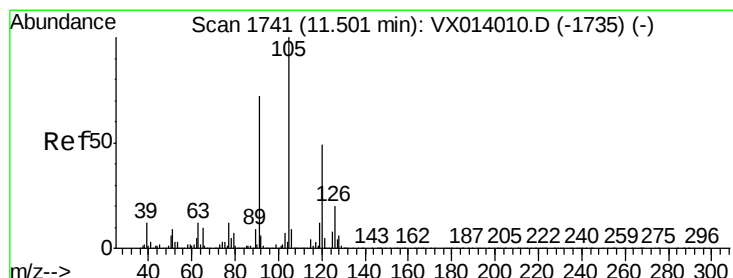
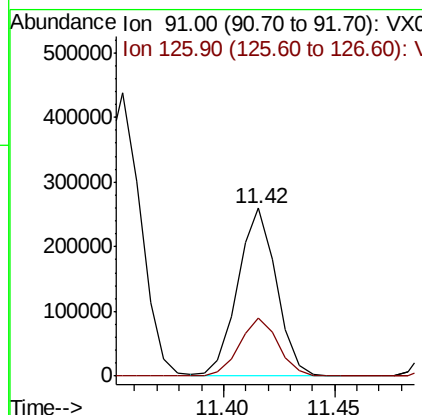
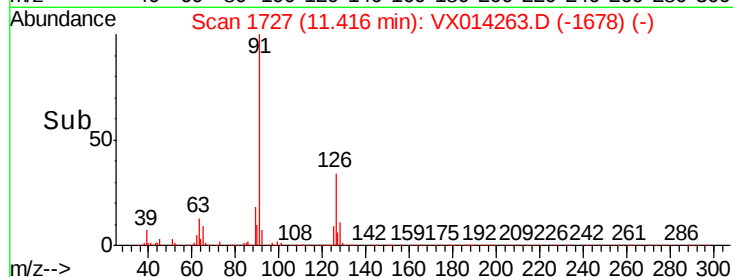
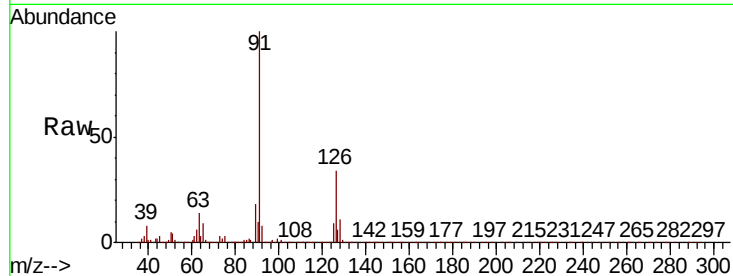
#79
 2-Chlorotoluene
 Concen: 20.428 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX014263.D
 Acq: 26 Dec 2019 12:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1226MBS01

Tot Ion: 91 Resp: 313254
 Ion Ratio Lower Upper
 91 100
 126 34.6 17.2 51.6

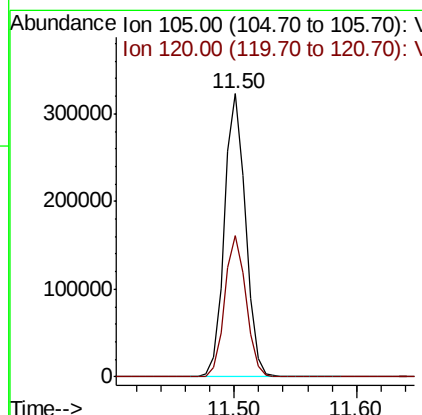
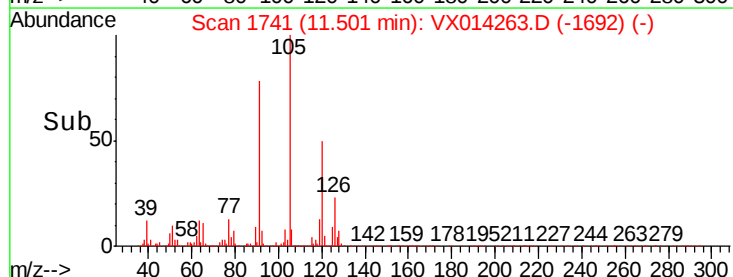
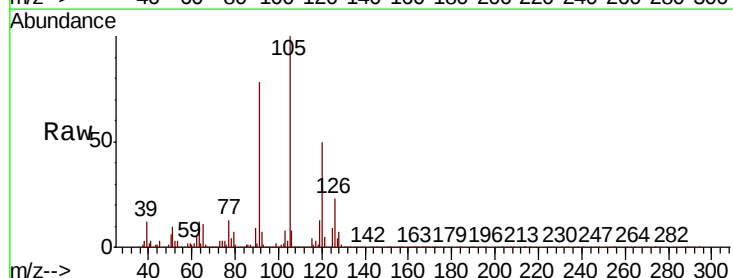
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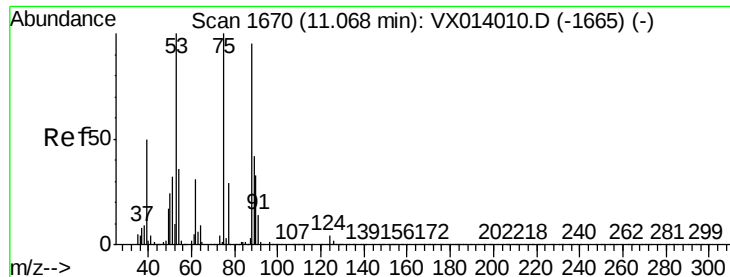
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#80
 1,3,5-Trimethylbenzene
 Concen: 20.367 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX014263.D
 Acq: 26 Dec 2019 12:51

Tgt Ion: 105 Resp: 385492
 Ion Ratio Lower Upper
 105 100
 120 50.3 25.3 75.8





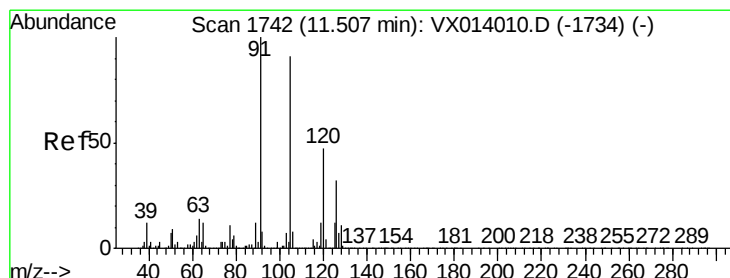
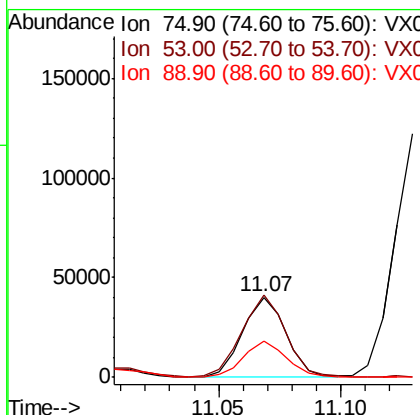
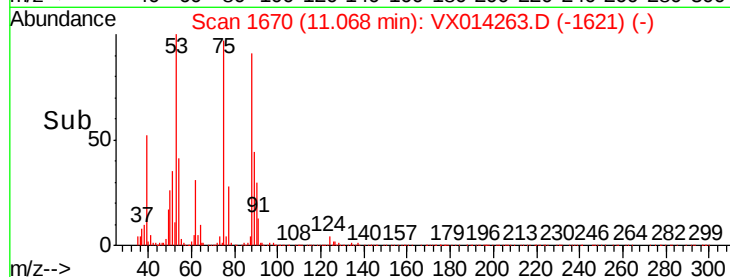
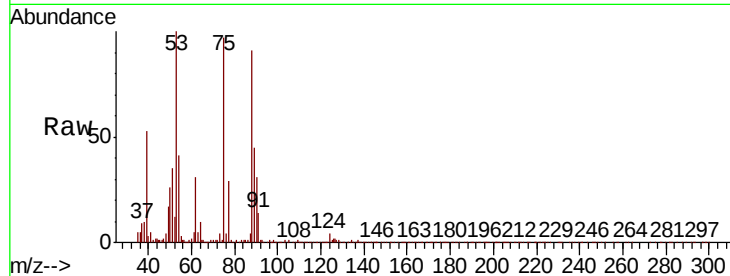
#81
trans-1,4-Dichloro-2-butene
Concen: 19.829 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014263.D
Acq: 26 Dec 2019 12:51

Instrument :
MSVOA_X
ClientSampleId :
VX1226MBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	103.4	76.7	115.1
89	44.2	34.6	51.8

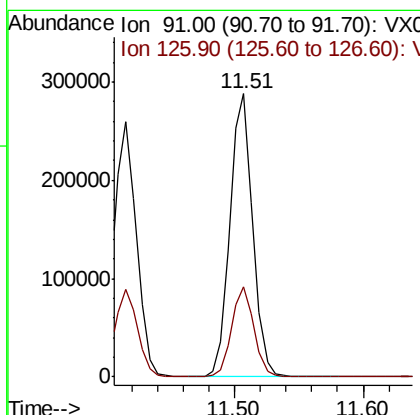
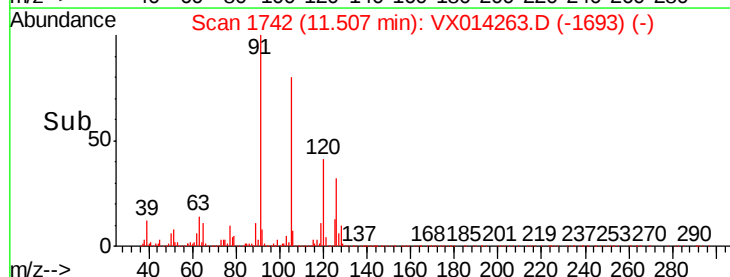
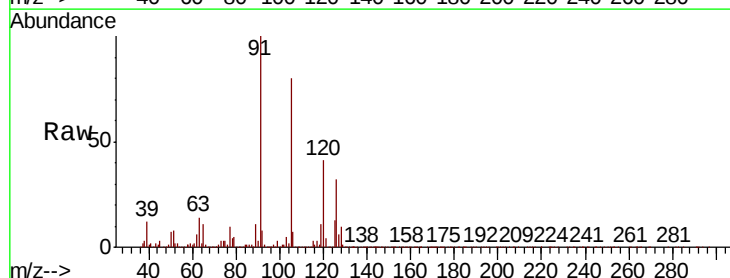
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#82
4-Chlorotoluene
Concen: 20.020 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014263.D
Acq: 26 Dec 2019 12:51

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.1	15.6	46.8





#83

tert-Butylbenzene

Concen: 19.924 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX014263.D

Acq: 26 Dec 2019 12:51

Instrument :

MSVOA_X

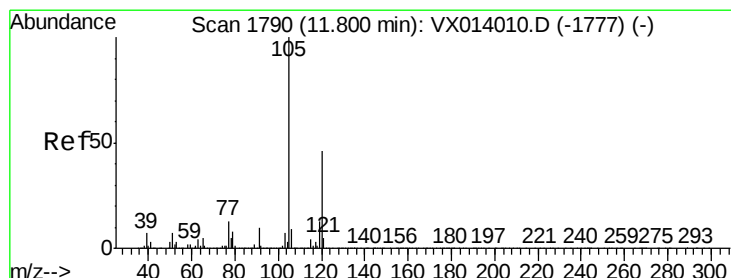
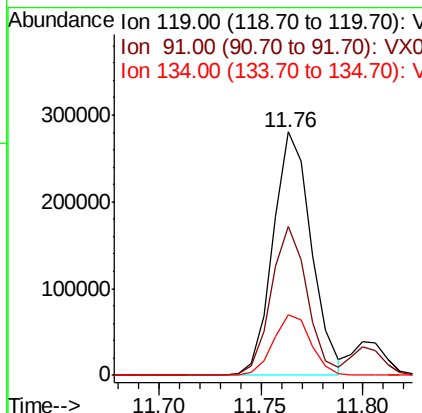
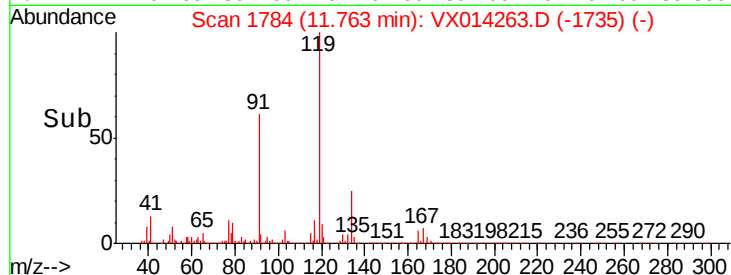
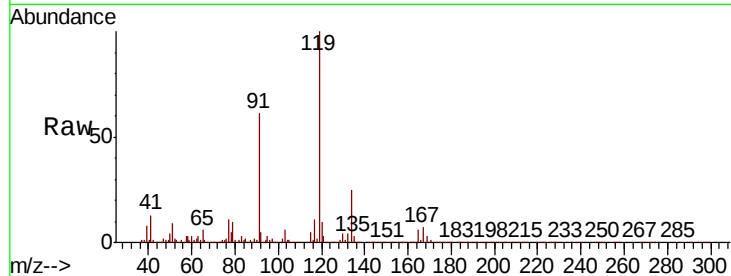
ClientSampleId :

VX1226MBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
119	100		366995		
91	57.8	28.5	85.6		
134	24.6	12.2	36.6		

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#84

1,2,4-Trimethylbenzene

Concen: 20.385 ug/l

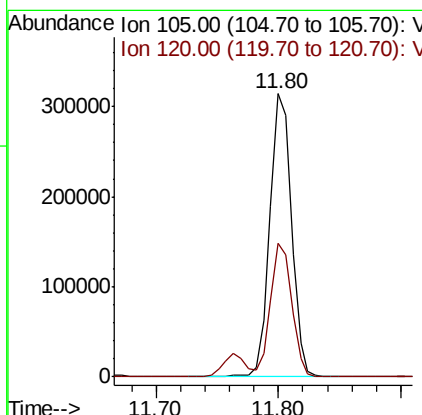
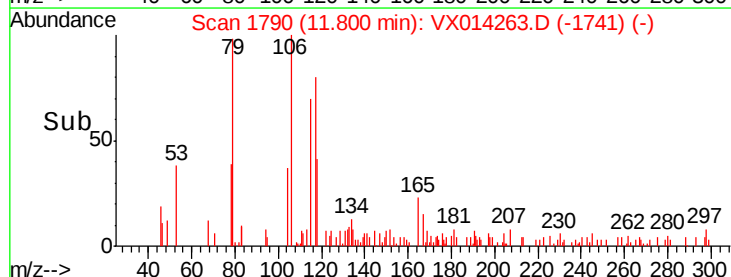
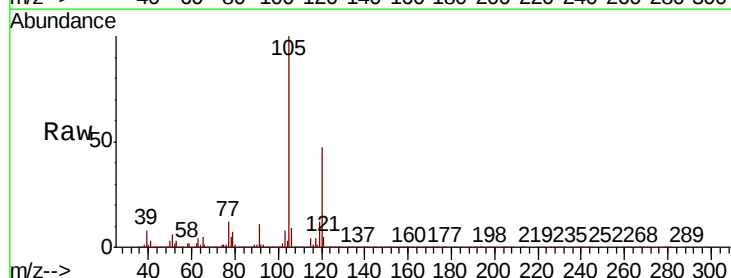
RT: 11.80 min Scan# 1790

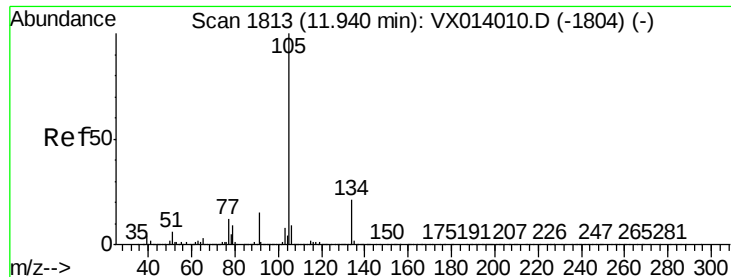
Delta R.T. 0.00 min

Lab File: VX014263.D

Acq: 26 Dec 2019 12:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		386403		
120	46.1	23.1	69.2		





#85

sec-Butylbenzene

Concen: 20.567 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014263.D

Acq: 26 Dec 2019 12:51

Instrument :

MSVOA_X

ClientSampleId :

VX1226MBS01

Tot Ion:105 Resp: 447217

Ion Ratio Lower Upper

105 100

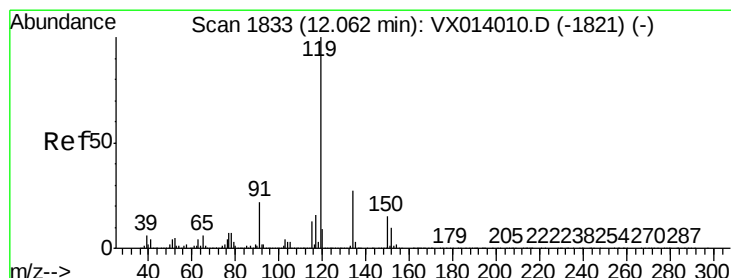
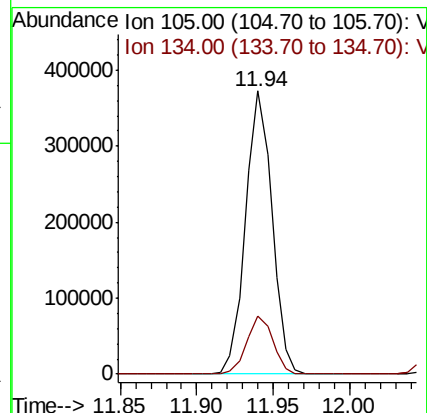
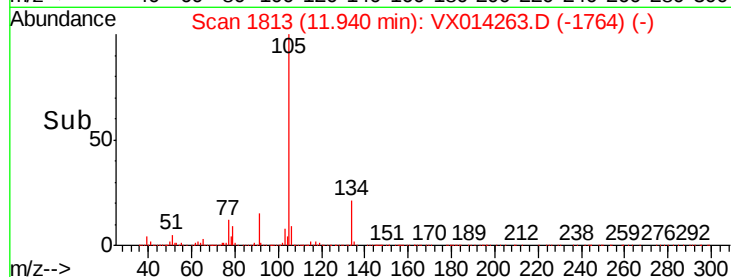
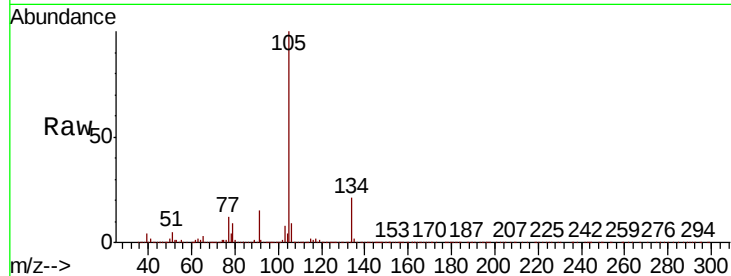
134 20.5 10.4 31.1

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#86

p-Isopropyltoluene

Concen: 20.460 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014263.D

Acq: 26 Dec 2019 12:51

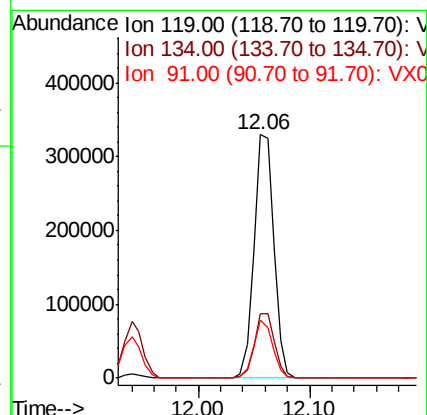
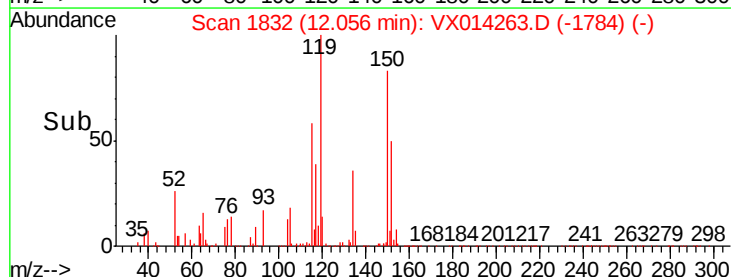
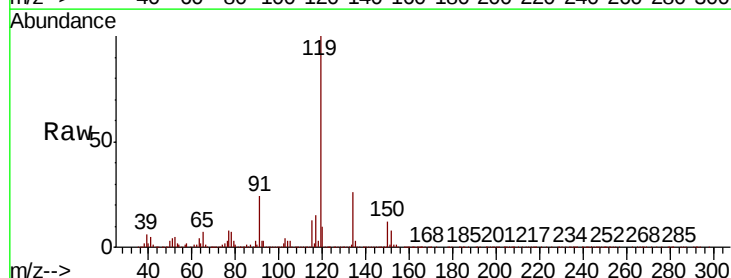
Tgt Ion:119 Resp: 406973

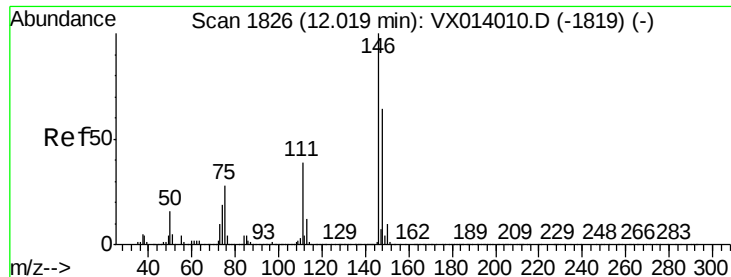
Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.1

91 22.7 11.4 34.1





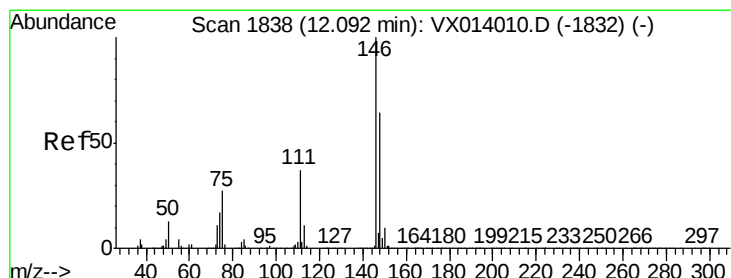
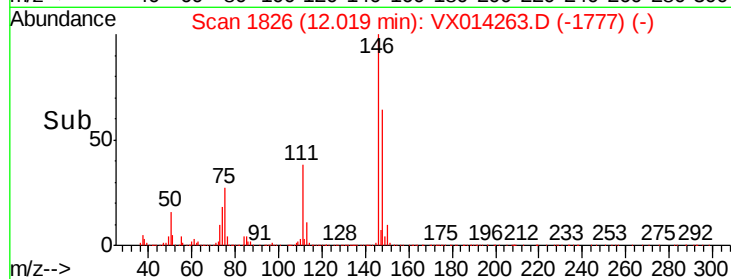
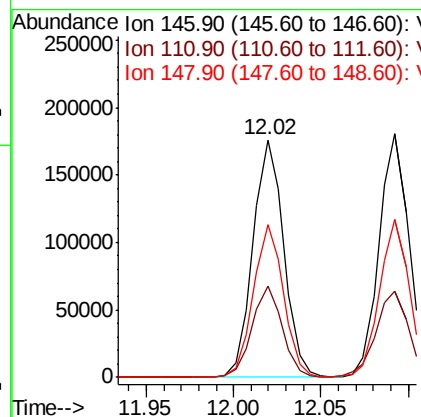
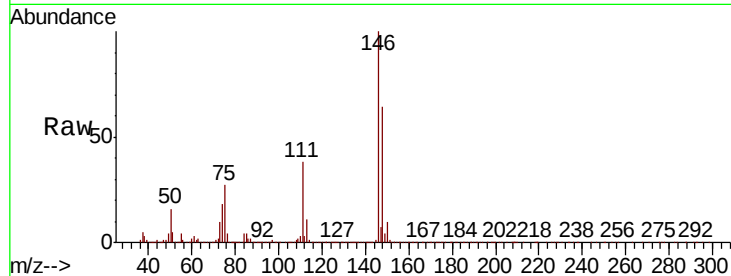
#87
 1,3-Dichlorobenzene
 Concen: 19.827 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014263.D
 Acq: 26 Dec 2019 12:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1226MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.5	19.1	57.1
148	63.1	32.3	96.9

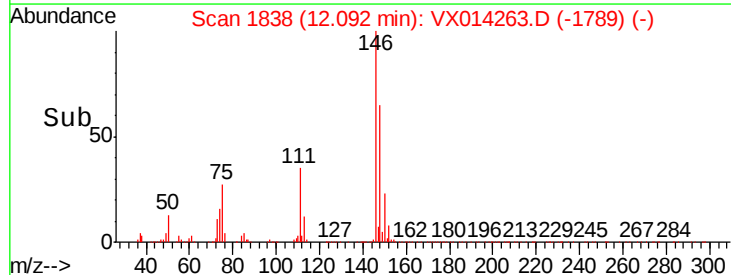
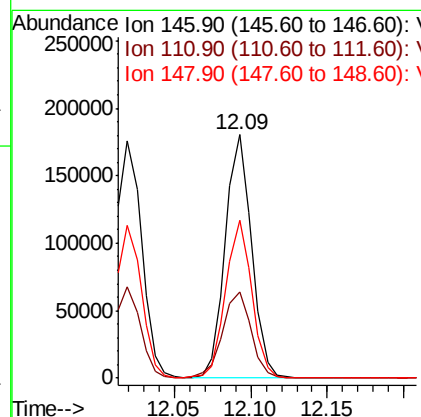
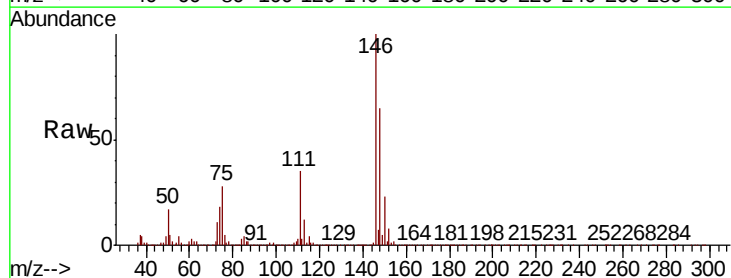
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#88
 1,4-Dichlorobenzene
 Concen: 19.412 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014263.D
 Acq: 26 Dec 2019 12:51

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.7	56.1
148	64.6	31.9	95.9





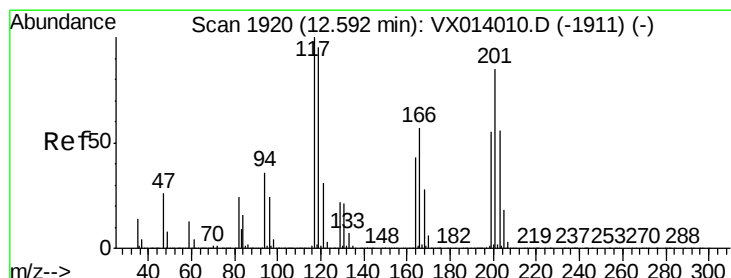
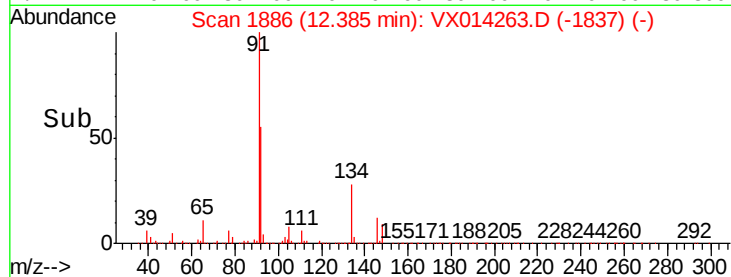
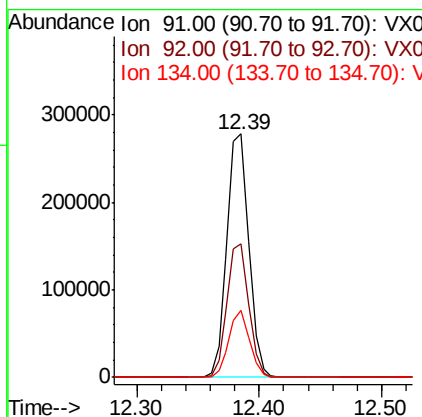
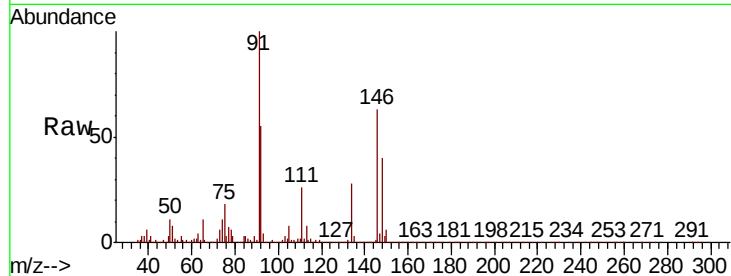
#89
n-Butylbenzene
Concen: 20.261 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014263.D
Acq: 26 Dec 2019 12:51

Instrument :
MSVOA_X
ClientSampleId :
VX1226MBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	343873		
92	54.4	27.2	81.6	
134	26.0	13.4	40.1	

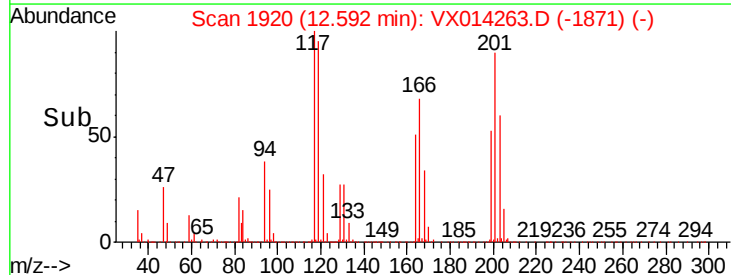
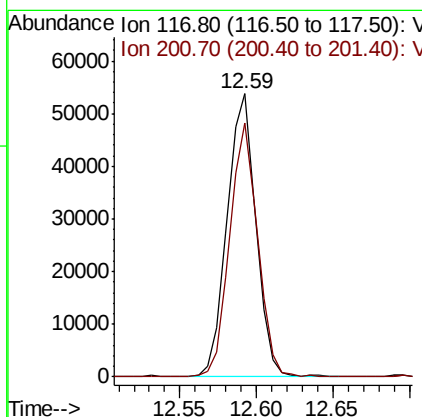
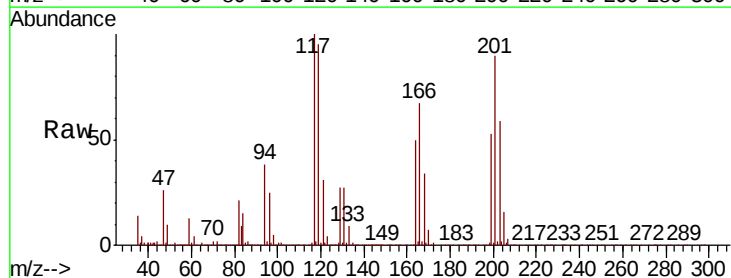
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#90
Hexachloroethane
Concen: 19.771 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014263.D
Acq: 26 Dec 2019 12:51

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	70637		
201	86.6	43.1	129.3	





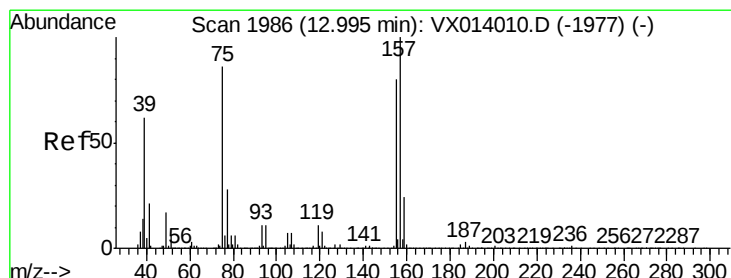
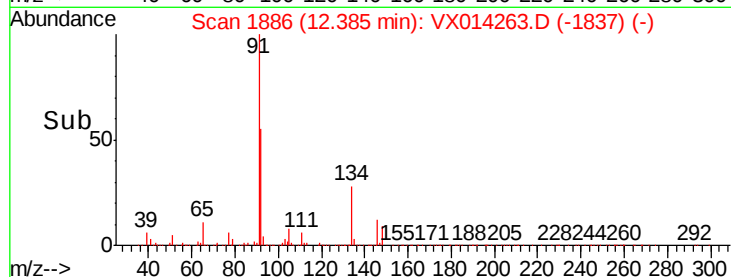
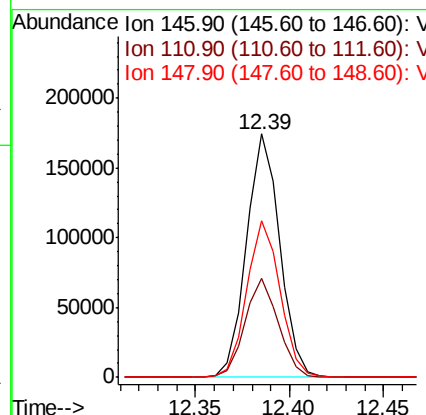
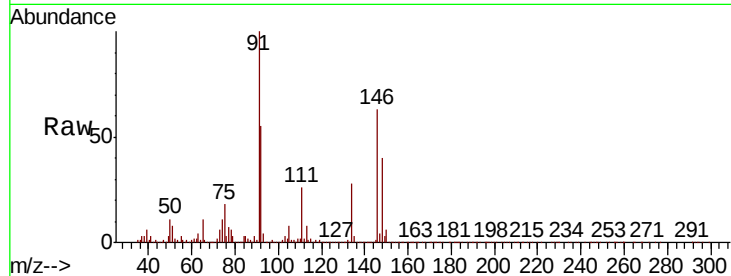
#91
 1,2-Dichlorobenzene
 Concen: 19.564 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014263.D
 Acq: 26 Dec 2019 12:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1226MBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	213581		
111	40.8	19.7	59.1	
148	64.5	32.1	96.5	

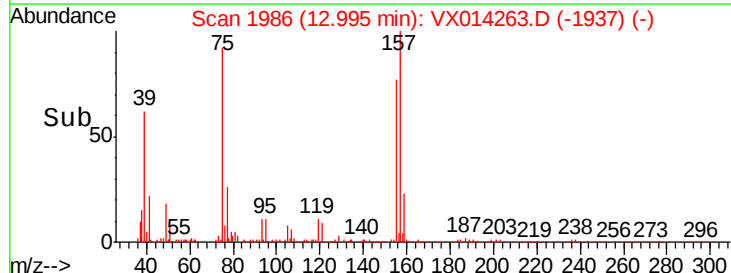
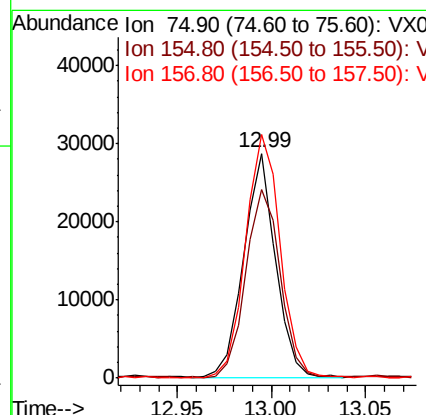
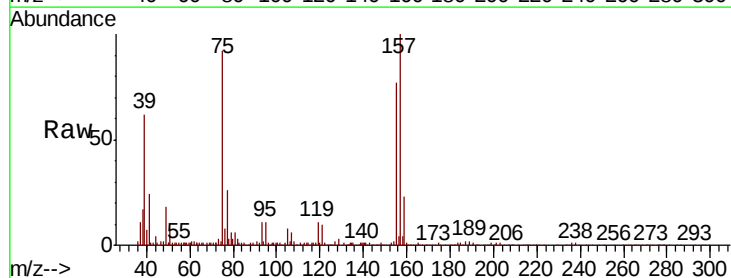
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.450 ug/l
 RT: 12.99 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014263.D
 Acq: 26 Dec 2019 12:51

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	33560		
155	91.0	46.9	140.6	
157	119.0	60.8	182.4	





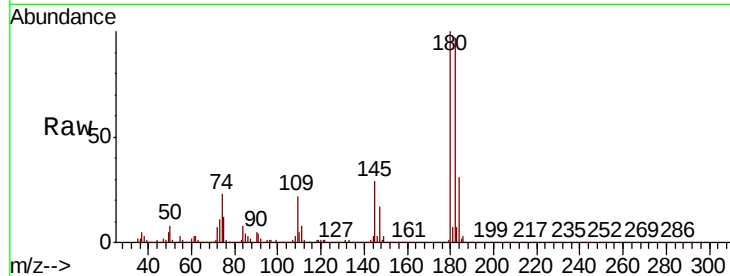
#93
 1,2,4-Trichlorobenzene
 Concen: 19.656 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014263.D
 Acq: 26 Dec 2019 12:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1226MBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	139471		
182	94.2	46.6	139.8	
145	29.1	14.2	42.6	

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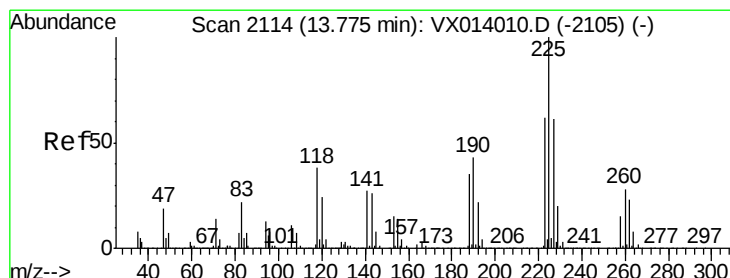
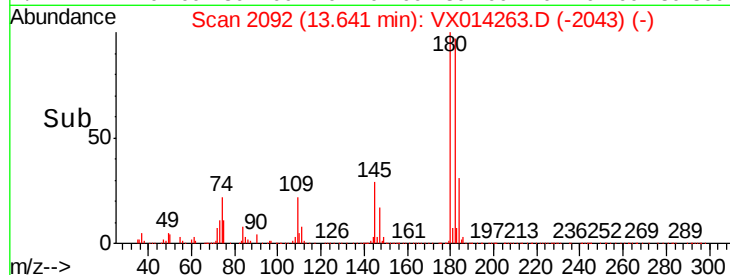
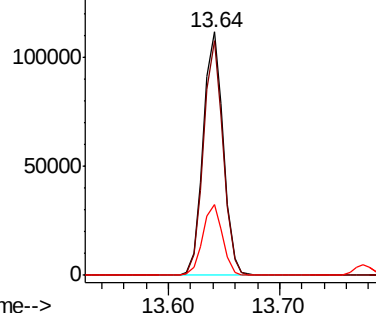


Abundance

Ion 179.80 (179.50 to 180.50): V

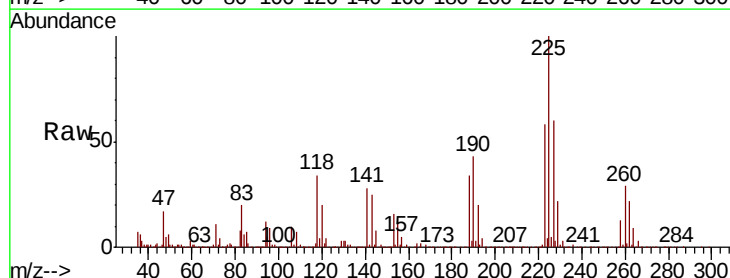
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 20.185 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014263.D
 Acq: 26 Dec 2019 12:51

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	68835		
223	59.5	30.9	92.5	
227	62.7	30.9	92.7	

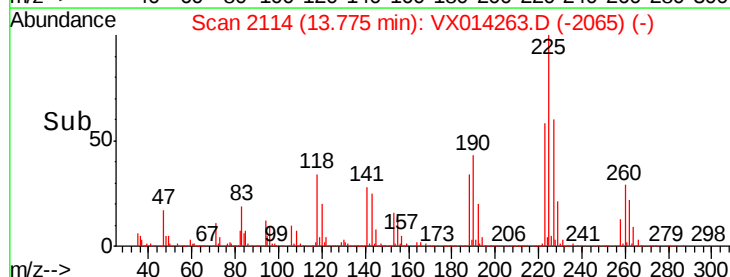
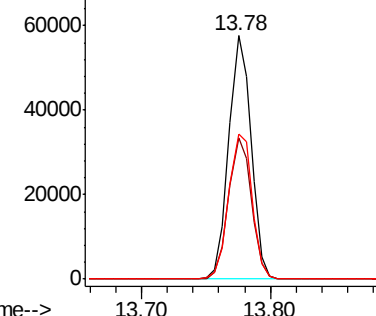


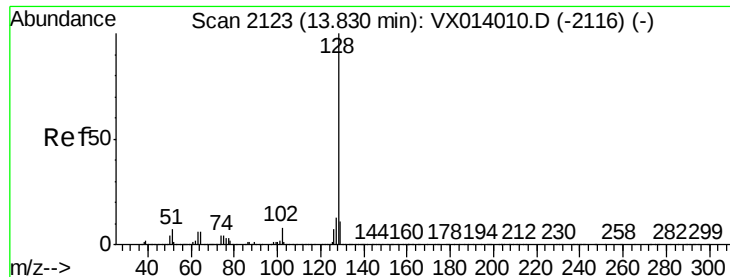
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





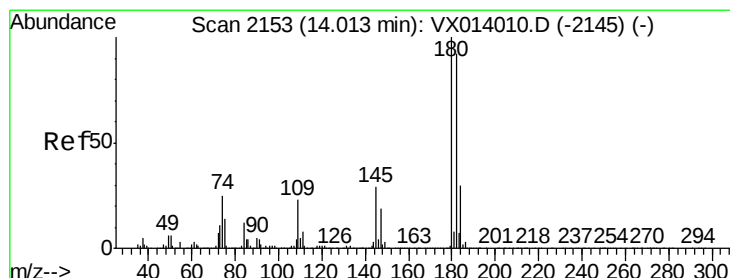
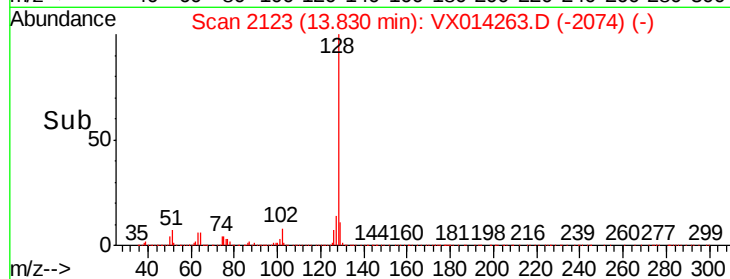
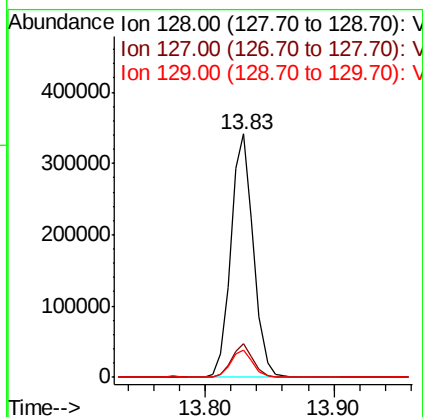
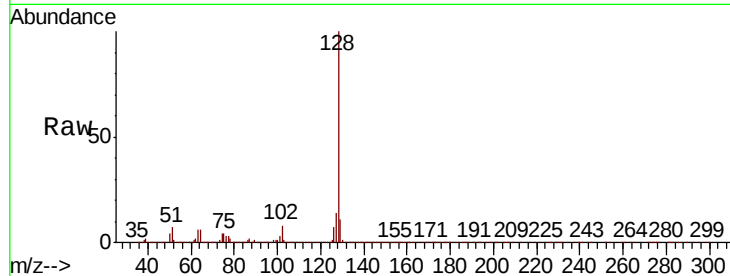
#95
Naphthalene
Concen: 19.923 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014263.D
Acq: 26 Dec 2019 12:51

Instrument :
MSVOA_X
ClientSampleId :
VX1226MBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.4
129	10.9	8.7	13.1

Manual Integrations
APPROVED

apatel
12/27/2019 12:03:10 PM



#96
1,2,3-Trichlorobenzene
Concen: 19.960 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014263.D
Acq: 26 Dec 2019 12:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	46.8	140.3
145	30.1	14.8	44.4

