

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX120919\
 Data File : VX013866.D
 Acq On : 09 Dec 2019 21:14
 Operator : JC/SP
 Sample : K6185-08MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20191204MS

Manual Integrations
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 12/11/2019 8:54:36 AM

Quant Time: Dec 10 05:03:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	534985	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	842921	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	765925	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	373528	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	292807	47.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.30%	
35) Dibromofluoromethane	5.48	113	247112	47.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.84%	
50) Toluene-d8	8.71	98	919138	45.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.54%	
62) 4-Bromofluorobenzene	11.14	95	330717	45.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.34%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	282196	47.391	ug/l	97
3) Chloromethane	1.32	50	321063	48.052	ug/l	100
4) Vinyl Chloride	1.40	62	374935	49.856	ug/l	100
5) Bromomethane	1.63	94	222632	44.082	ug/l	97
6) Chloroethane	1.71	64	207931	48.589	ug/l	98
7) Trichlorofluoromethane	1.92	101	405965	48.615	ug/l	98
8) Diethyl Ether	2.18	74	195253	51.683	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	1282019	251.345	ug/l	99
10) Methyl Iodide	2.50	142	297227	48.173	ug/l	99
11) Tert butyl alcohol	3.04	59	407210	265.661	ug/l	99
12) 1,1-Dichloroethene	2.36	96	258645	50.802	ug/l	98
13) Acrolein	2.28	56	308246	299.479	ug/l	97
14) Allyl chloride	2.72	41	462311	50.037	ug/l	98
15) Acrylonitrile	3.13	53	848891	268.296	ug/l	99
16) Acetone	2.44	43	739046	241.050	ug/l	100
17) Carbon Disulfide	2.56	76	617226	42.527	ug/l	99
18) Methyl Acetate	2.76	43	456911	53.518	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	866604	51.381	ug/l	99
20) Methylene Chloride	2.84	84	291388	49.470	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	267685	48.263	ug/l	97
22) Diisopropyl ether	3.84	45	941280	52.908	ug/l	100
23) Vinyl Acetate	3.80	43	3636448	245.704	ug/l	100
24) 1,1-Dichloroethane	3.69	63	504206	51.843	ug/l	99
25) 2-Butanone	4.66	43	1210269	265.610	ug/l	100
26) 2,2-Dichloropropane	4.57	77	329706	40.974	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	346818	54.450	ug/l	98
28) Bromochloromethane	5.01	49	208315	54.202	ug/l	98
29) Tetrahydrofuran	5.11	42	779647	277.555	ug/l	99
30) Chloroform	5.20	83	497635	50.453	ug/l	99
31) Cyclohexane	5.57	56	432604	47.159	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	413108	50.120	ug/l	98
36) 1,1-Dichloropropene	5.79	75	359459	46.978	ug/l	99
37) Ethyl Acetate	4.82	43	430827	50.190	ug/l	99
38) Carbon Tetrachloride	5.78	117	345576	48.980	ug/l	97

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Quant Time: Dec 10 05:03:06 2019
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	415393	43.919	ug/l	98
40) Benzene	6.13	78	1141233	48.971	ug/l	99
41) Methacrylonitrile	5.03	41	253059	53.756	ug/l	99
42) 1,2-Dichloroethane	6.18	62	394593	49.649	ug/l	100
43) Isopropyl Acetate	6.43	43	691959	48.964	ug/l	100
44) Trichloroethene	7.21	130	1038120	162.313	ug/l	98
45) 1,2-Dichloropropane	7.51	63	299851	51.427	ug/l	97
46) Dibromomethane	7.65	93	195455	49.357	ug/l	99
47) Bromodichloromethane	7.89	83	384943	51.420	ug/l	98
48) Methyl methacrylate	7.76	41	359448	52.349	ug/l	100
49) 1,4-Dioxane	7.73	88	169274	1101.362	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	2363771	265.912	ug/l	100
52) Toluene	8.78	92	711089	49.117	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	405954	47.640	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	454322	48.801	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	300252	51.464	ug/l	99
56) Ethyl methacrylate	9.17	69	481076	51.288	ug/l	100
57) 1,3-Dichloropropane	9.37	76	507737	50.490	ug/l	99
59) 2-Hexanone	9.49	43	1852775	267.241	ug/l	98
60) Dibromochloromethane	9.57	129	310997	51.365	ug/l	100
61) 1,2-Dibromoethane	9.67	107	310728	49.867	ug/l	99
64) Tetrachloroethene	9.33	164	345733	60.530	ug/l	95
65) Chlorobenzene	10.14	112	768663	48.337	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	286812	50.227	ug/l	99
67) Ethyl Benzene	10.25	91	1337857	48.959	ug/l	99
68) m/p-Xylenes	10.35	106	1009309	96.474	ug/l	100
69) o-Xylene	10.70	106	499140	48.918	ug/l	98
70) Stvrene	10.71	104	848999	49.464	ug/l	99
71) Bromoform	10.85	173	238425	50.462	ug/l #	99
73) Isopropylbenzene	11.01	105	1305099	49.810	ug/l	99
74) N-amyl acetate	10.89	43	598163	49.836	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	489663	53.889	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	440926m	52.483	ug/l	
77) Bromobenzene	11.25	156	346115	48.897	ug/l	98
78) n-propylbenzene	11.35	91	1440490	49.249	ug/l	99
79) 2-Chlorotoluene	11.42	91	867829	49.461	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1070036	49.828	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	144991	47.215	ug/l	99
82) 4-Chlorotoluene	11.51	91	984167	48.429	ug/l	99
83) tert-Butylbenzene	11.77	119	1104931	50.628	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1086519	49.853	ug/l	100
85) sec-Butylbenzene	11.94	105	1233814	49.495	ug/l	99
86) p-Isopropyltoluene	12.06	119	1117846	48.202	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	589791	47.799	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	588693	46.841	ug/l	99
89) n-Butylbenzene	12.38	91	911464	46.082	ug/l	99
90) Hexachloroethane	12.59	117	207622	49.531	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	597452	49.006	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	102182	51.640	ug/l	98
93) 1,2,4-Trichlorobenzene	13.64	180	376193	44.277	ug/l	99

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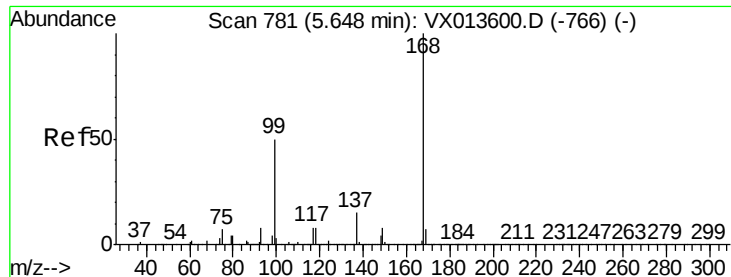
Manual Integrations
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Quant Time: Dec 10 05:03:06 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	173433	42.492	ug/l	99
95) Naphthalene	13.83	128	1216148	48.064	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	393689	46.798	ug/l	99

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



#1

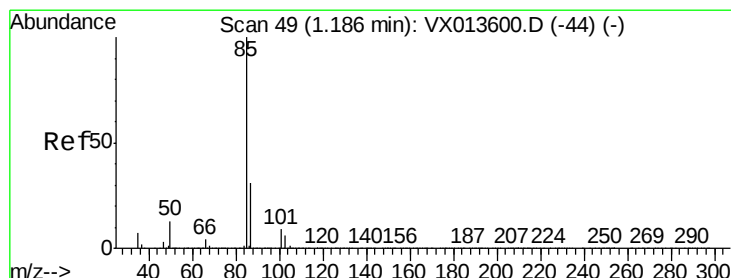
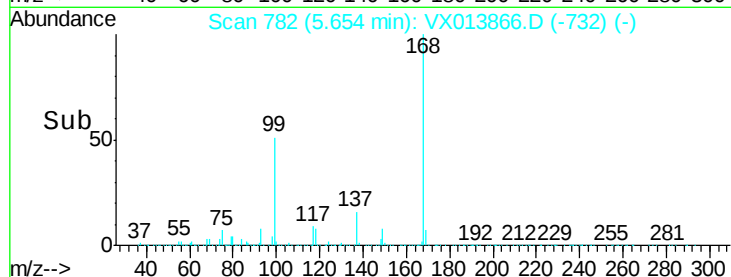
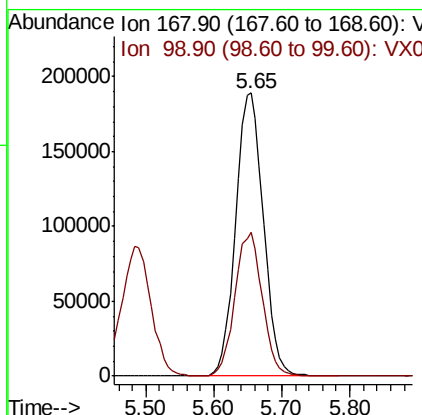
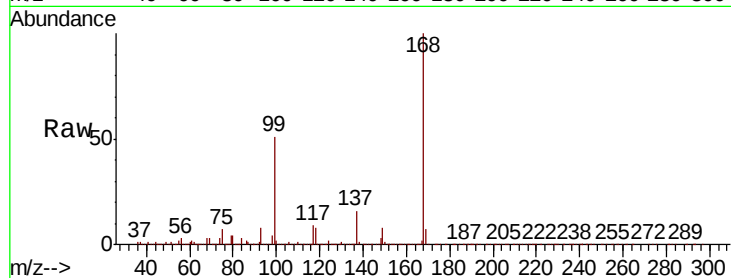
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. 0.01 min
 Lab File: VX013866.D
 Acq: 09 Dec 2019 21:14

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20191204MS

Tot Ion	Ratio	Lower	Upper
168	100		
99	50.6	39.8	59.8

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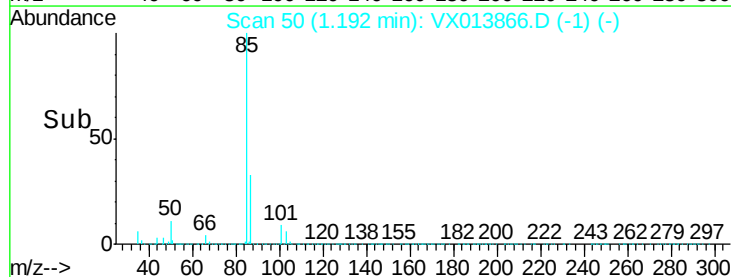
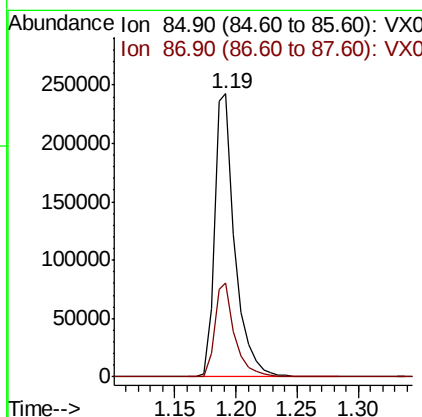
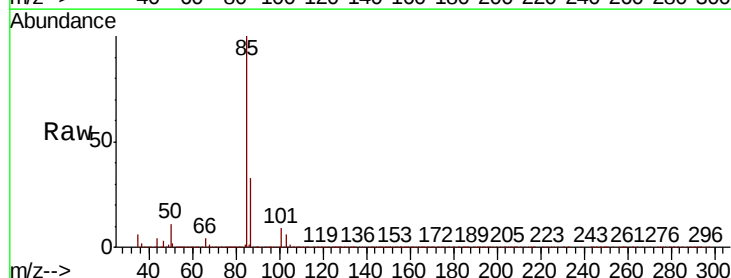
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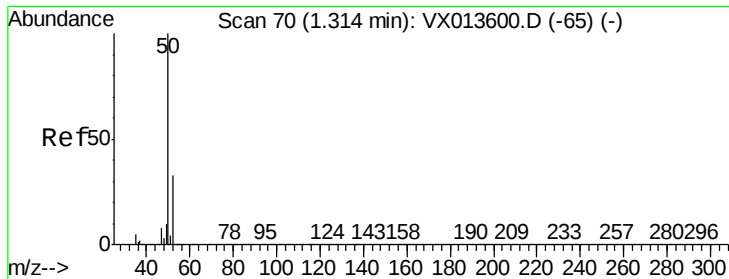


#2

Dichlorodifluoromethane
 Concen: 47.391 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.01 min
 Lab File: VX013866.D
 Acq: 09 Dec 2019 21:14

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.0	15.7	47.1





#3

Chloromethane

Concen: 48.052 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013866.D

Acq: 09 Dec 2019 21:14

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20191204MS

Tot Ion: 50 Resp: 321063

Ion Ratio Lower Upper

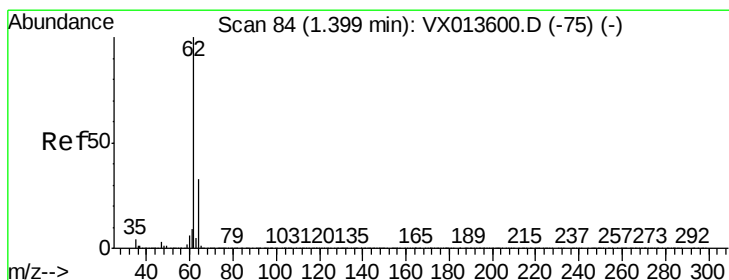
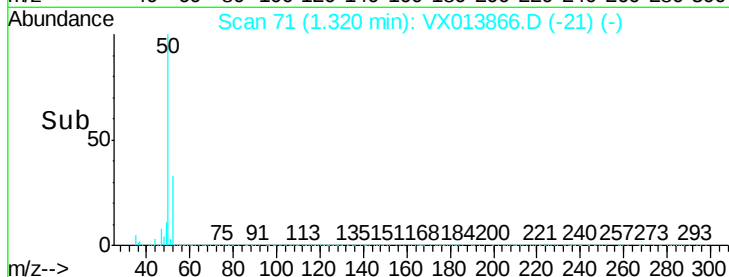
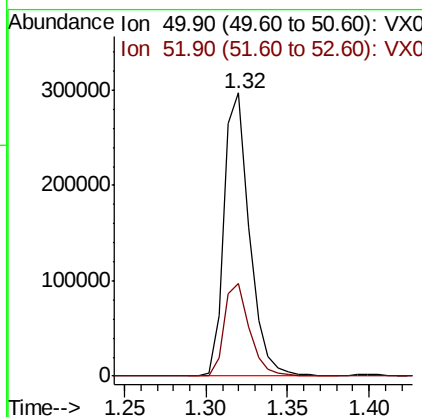
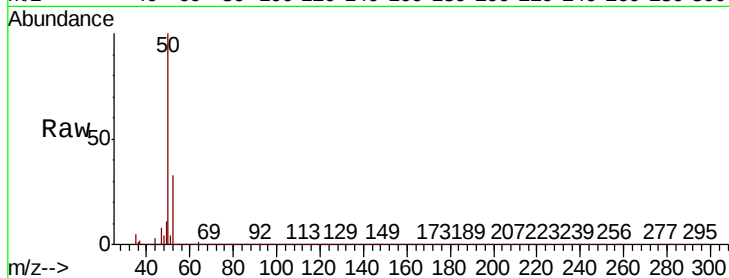
50 100

52 32.6 26.0 39.0

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#4

Vinyl Chloride

Concen: 49.856 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013866.D

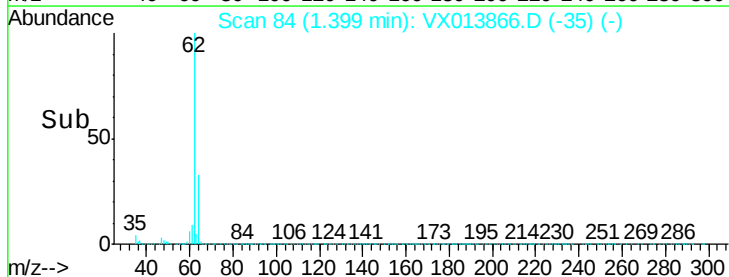
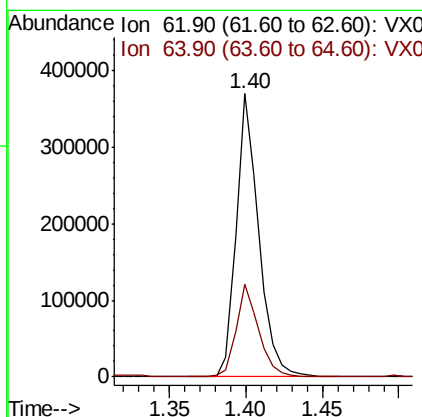
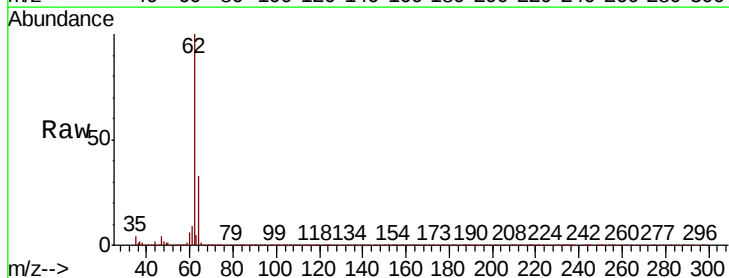
Acq: 09 Dec 2019 21:14

Tgt Ion: 62 Resp: 374935

Ion Ratio Lower Upper

62 100

64 32.5 26.0 39.0





#5

Bromomethane

Concen: 44.082 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013866.D

Acq: 09 Dec 2019 21:14

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20191204MS

Tot Ion: 94 Resp: 222632

Ion Ratio Lower Upper

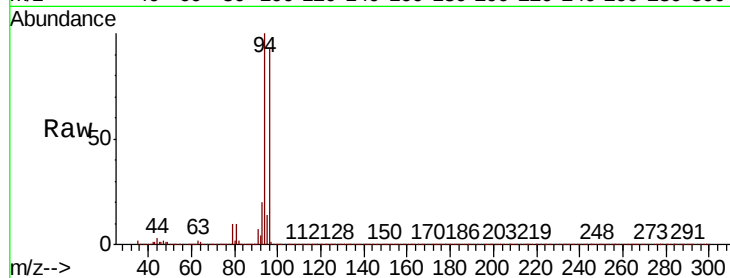
94 100

96 92.9 77.0 115.4

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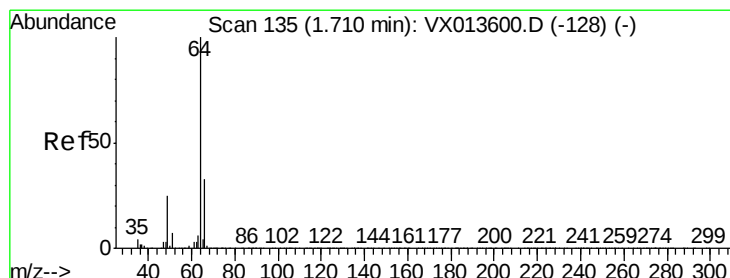
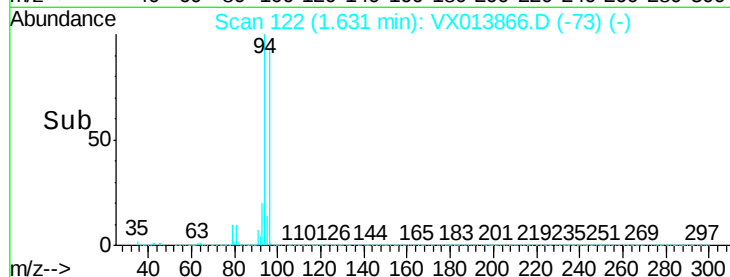
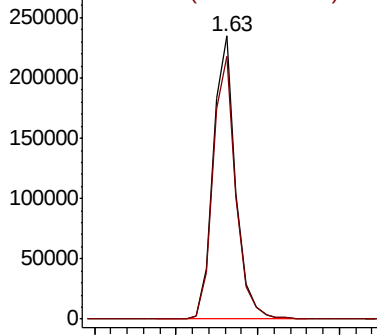
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 48.589 ug/l

RT: 1.71 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX013866.D

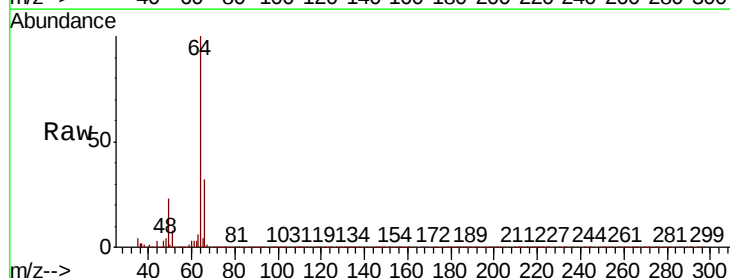
Acq: 09 Dec 2019 21:14

Tgt Ion: 64 Resp: 207931

Ion Ratio Lower Upper

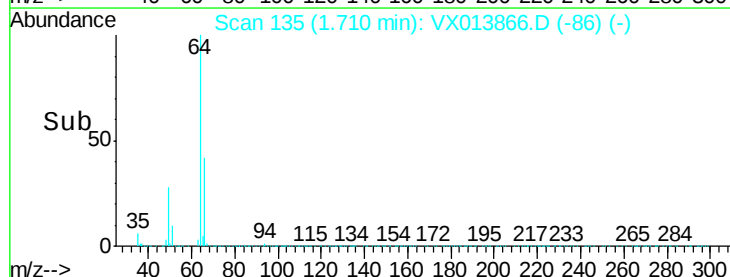
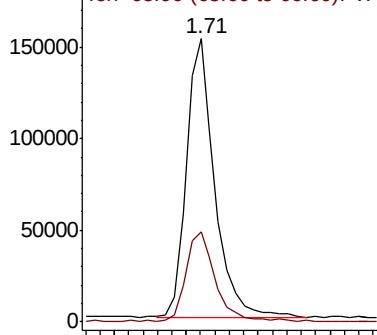
64 100

66 32.0 26.7 40.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

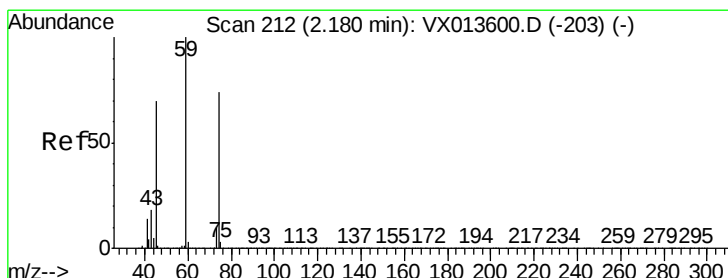
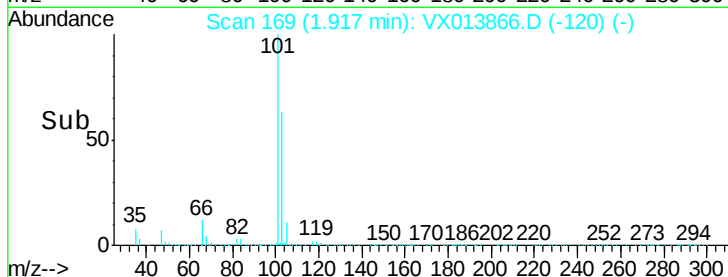
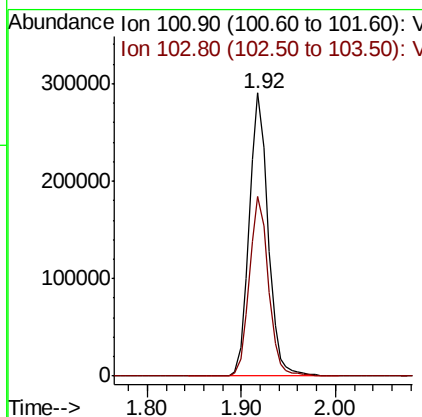
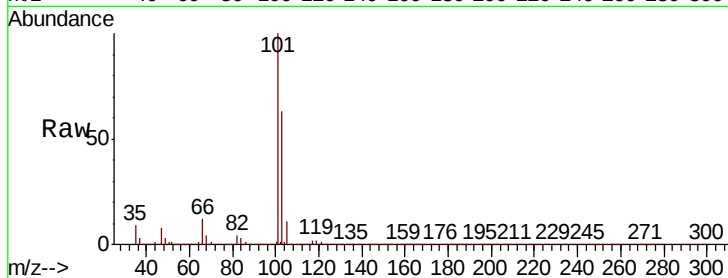
Trichlorofluoromethane
Concen: 48.615 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX013866.D
Acq: 09 Dec 2019 21:14

Instrument :
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ClientSampleId :
RE131D2-20191204MS

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.2	51.8	77.6

Manual Integrations
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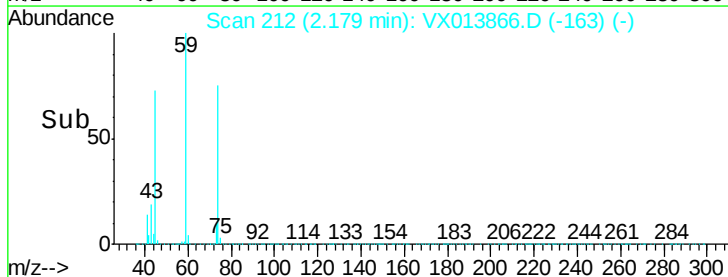
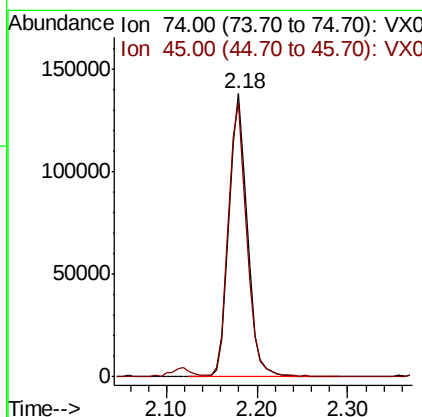
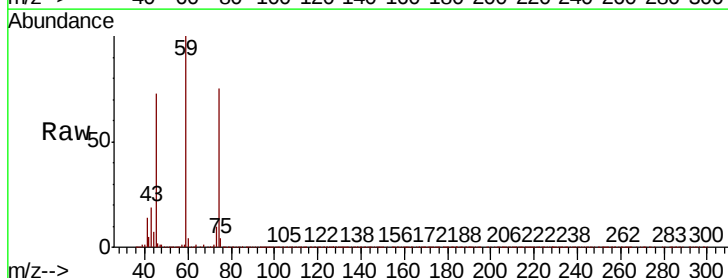
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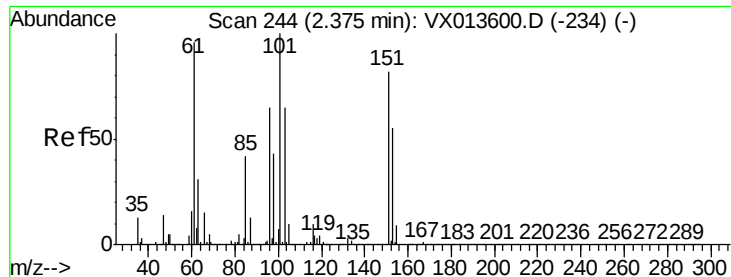


#8

Diethyl Ether
Concen: 51.683 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX013866.D
Acq: 09 Dec 2019 21:14

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.7	48.9	146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 251.345 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX013866.D

Acq: 09 Dec 2019 21:14

Instrument :

MSVOA_X

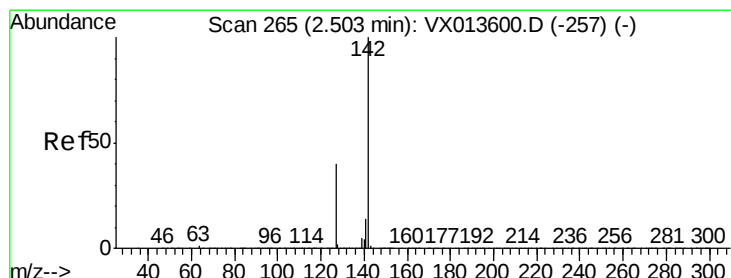
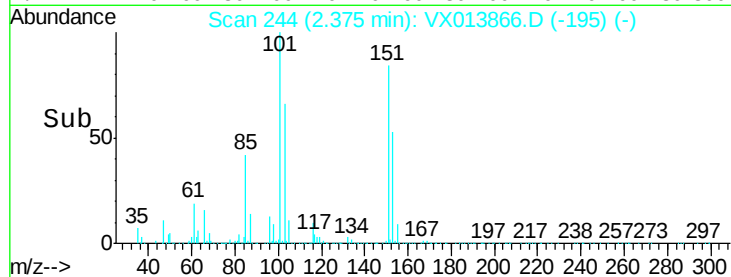
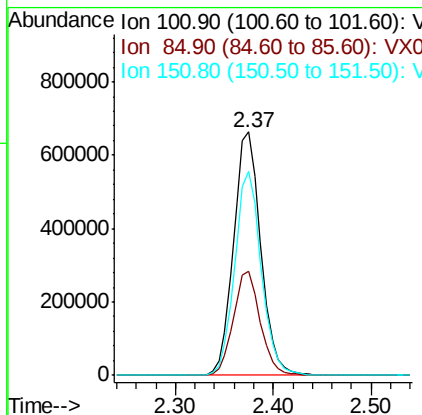
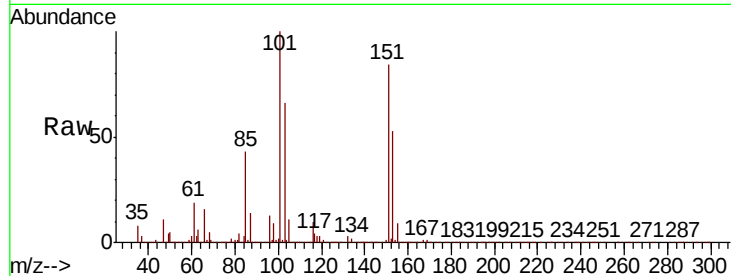
ClientSampleId :

RE131D2-20191204MS

Tot Ion:	101	Resp:	1282019
Ion	Ratio	Lower	Upper
101	100		
85	42.3	33.9	50.9
151	82.0	64.2	96.2

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#10

Methyl Iodide

Concen: 48.173 ug/l

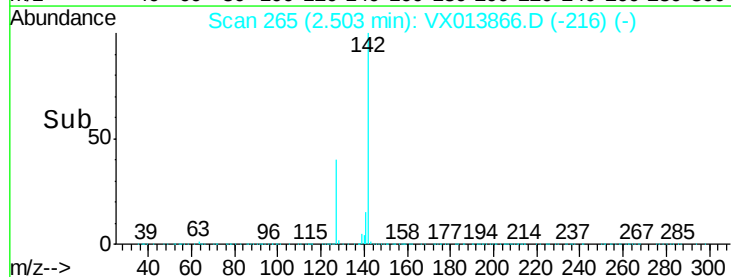
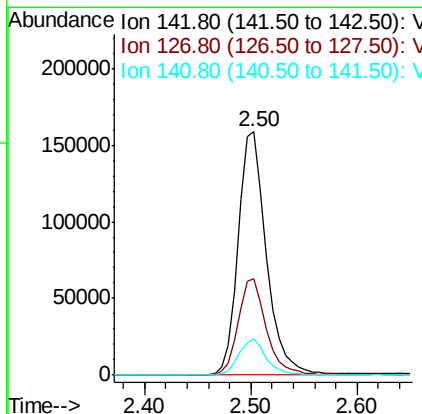
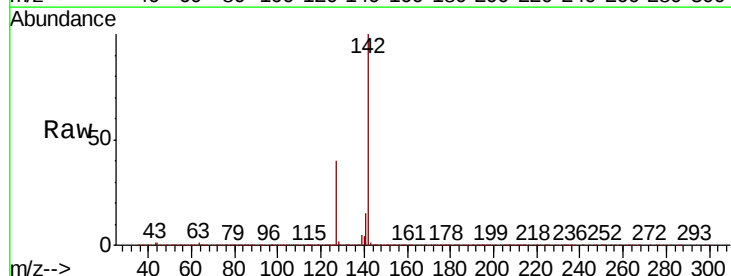
RT: 2.50 min Scan# 265

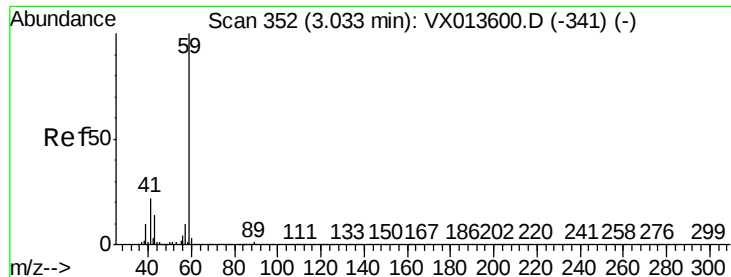
Delta R.T. -0.00 min

Lab File: VX013866.D

Acq: 09 Dec 2019 21:14

Tgt Ion:	142	Resp:	297227
Ion	Ratio	Lower	Upper
142	100		
127	39.6	31.0	46.4
141	14.6	11.6	17.4





#11

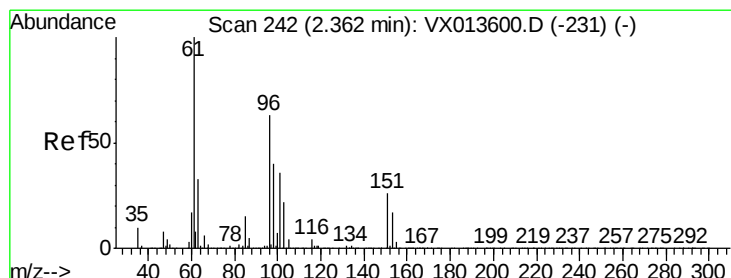
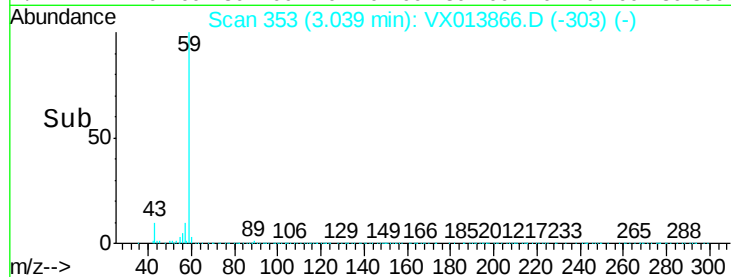
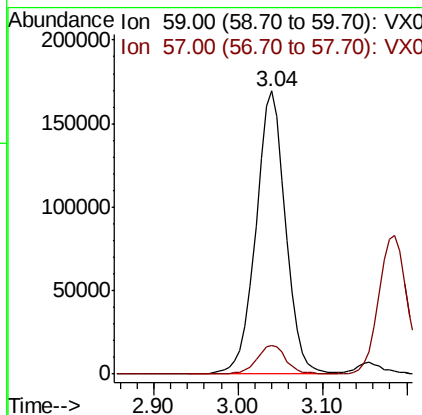
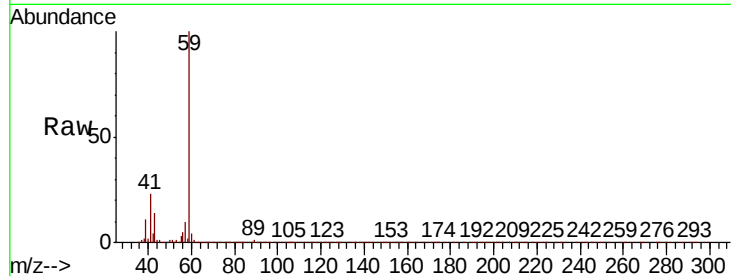
Tert butyl alcohol
Concen: 265.661 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.01 min
Lab File: VX013866.D
Acq: 09 Dec 2019 21:14

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191204MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	7.8	11.6

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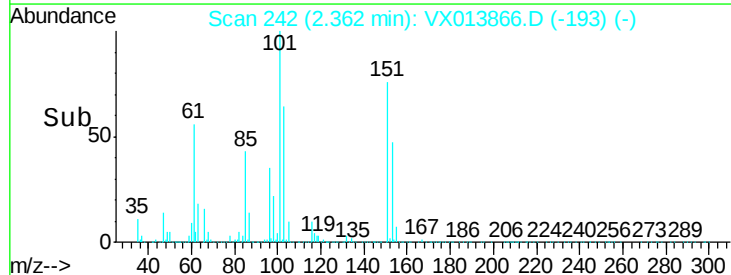
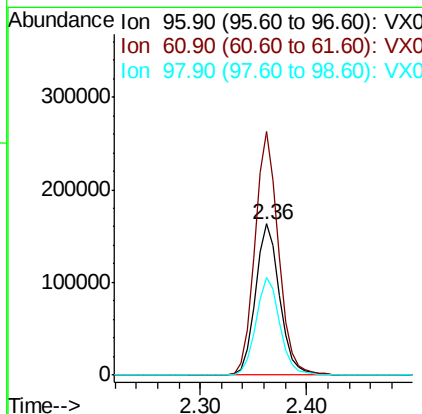
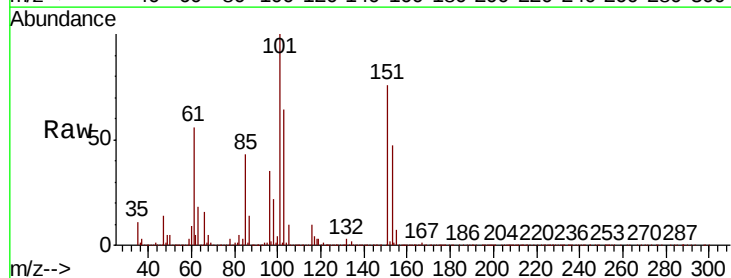
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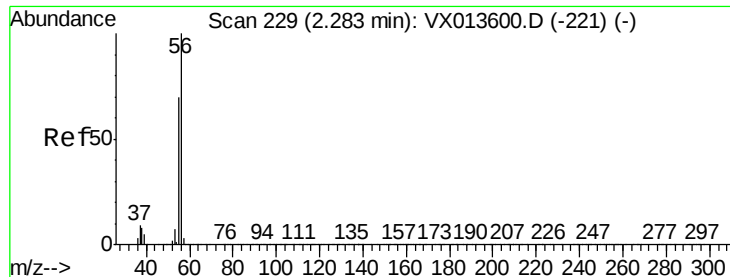


#12

1,1-Dichloroethene
Concen: 50.802 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013866.D
Acq: 09 Dec 2019 21:14

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.8	126.6	190.0
98	64.7	50.6	76.0





#13

Acrolein

Concen: 299.479 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013866.D

Acq: 09 Dec 2019 21:14

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20191204MS

Tot Ion: 56 Resp: 308246

Ion Ratio Lower Upper

56 100

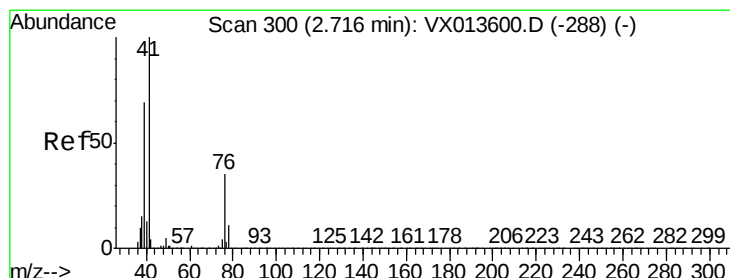
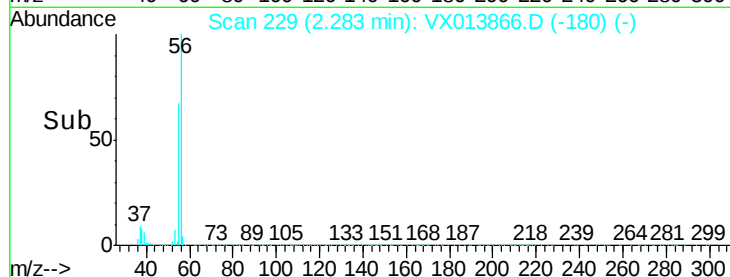
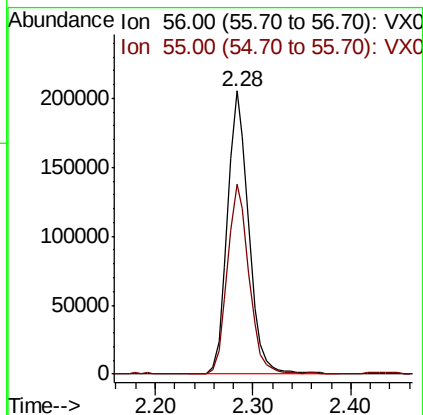
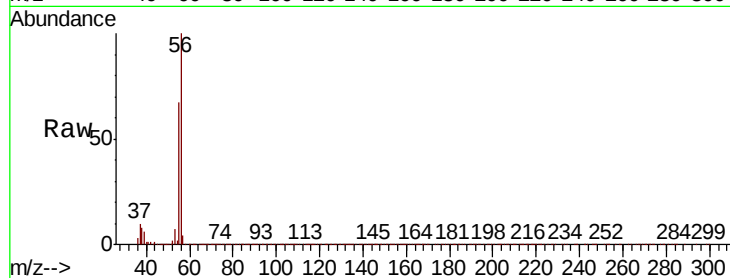
55 67.9 56.2 84.4

Manual Integrations

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#14

Allyl chloride

Concen: 50.037 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013866.D

Acq: 09 Dec 2019 21:14

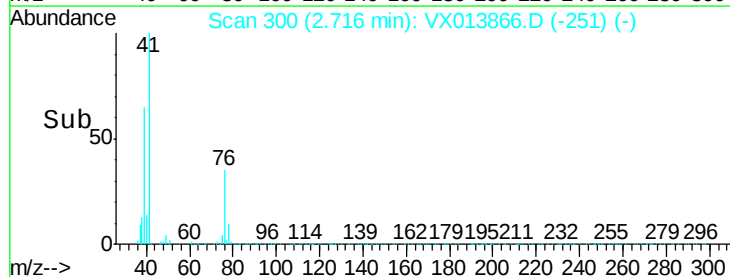
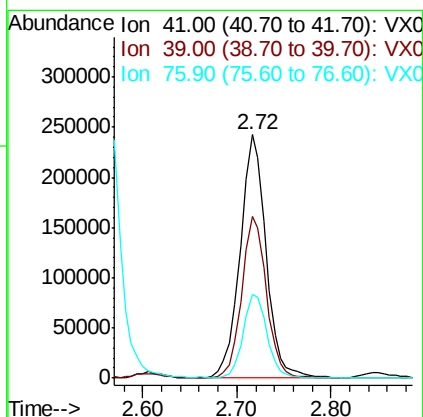
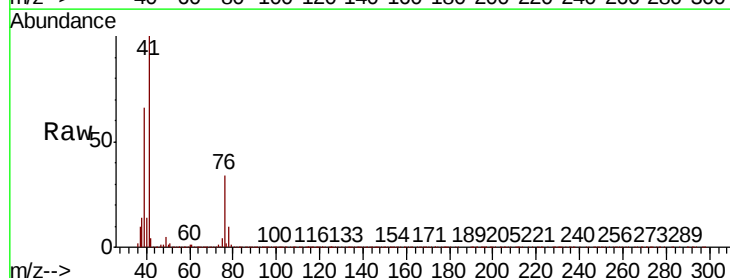
Tgt Ion: 41 Resp: 462311

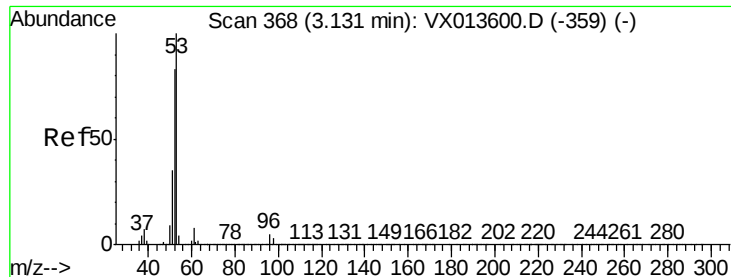
Ion Ratio Lower Upper

41 100

39 62.9 51.7 77.5

76 31.6 25.9 38.9





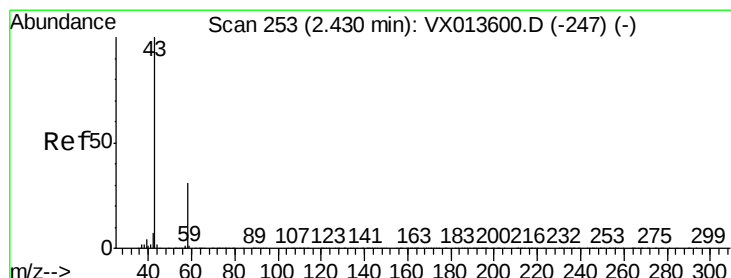
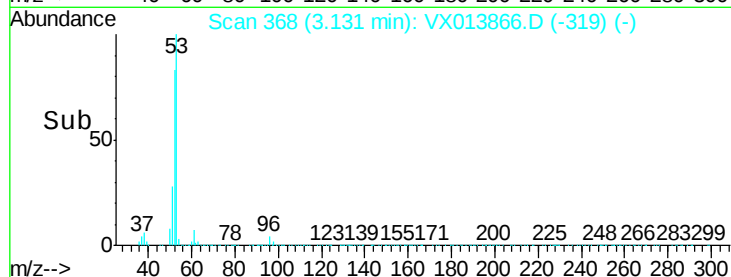
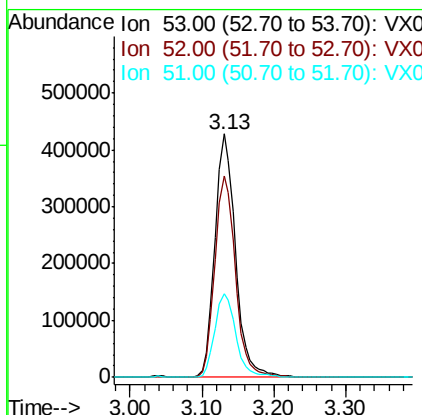
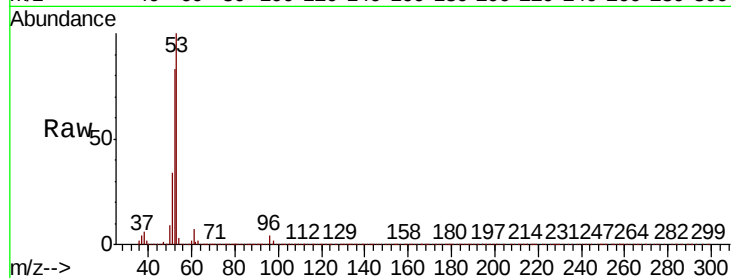
#15
 Acrylonitrile
 Concen: 268.296 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. -0.00 min
 Lab File: VX013866.D
 Acq: 09 Dec 2019 21:14

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20191204MS

Tot Ion:	53	Resp:	848891
Ion Ratio	Lower	Upper	
53	100		
52	83.0	66.2	99.2
51	35.3	29.0	43.6

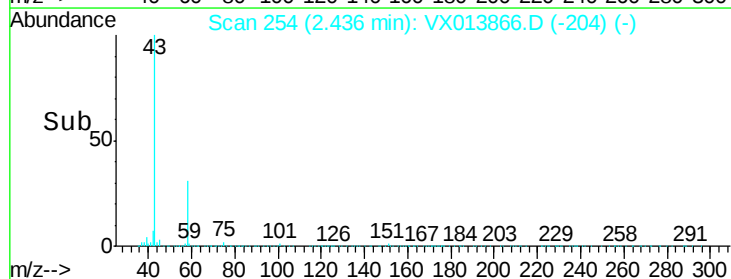
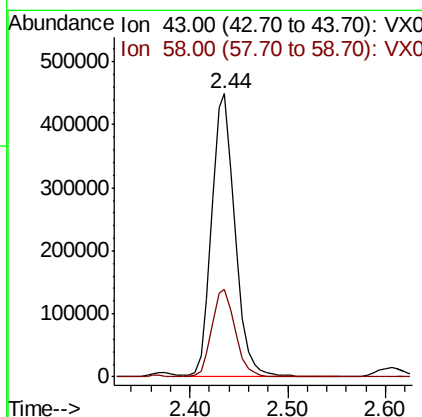
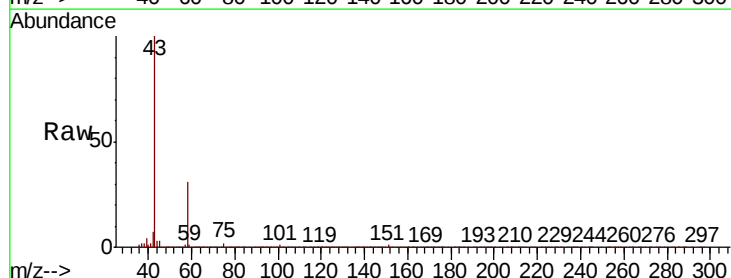
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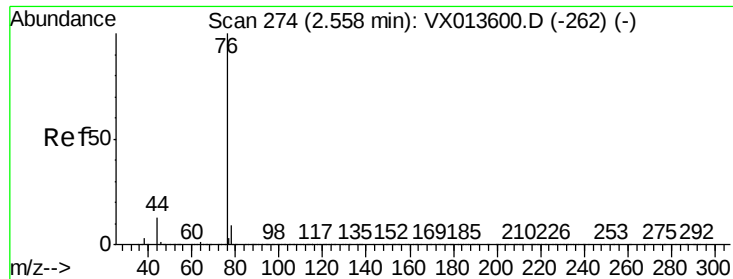
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#16
 Acetone
 Concen: 241.050 ug/l
 RT: 2.44 min Scan# 254
 Delta R.T. 0.01 min
 Lab File: VX013866.D
 Acq: 09 Dec 2019 21:14

Tgt Ion:	43	Resp:	739046
Ion Ratio	Lower	Upper	
43	100		
58	30.9	24.6	36.8





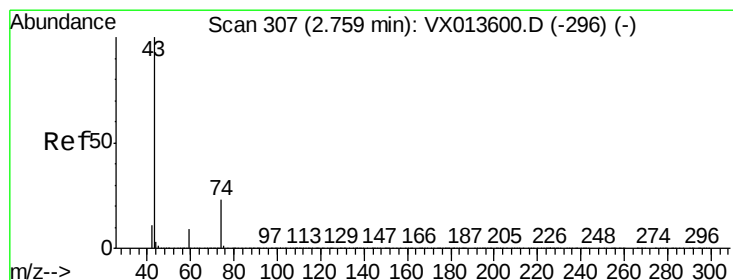
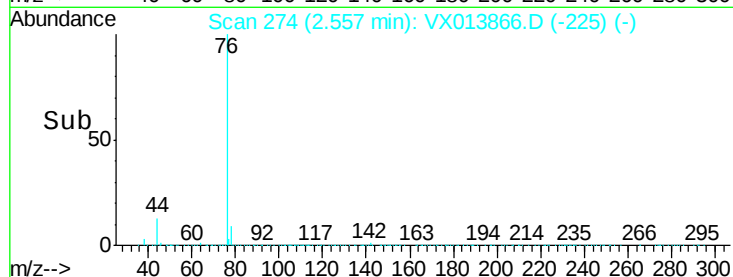
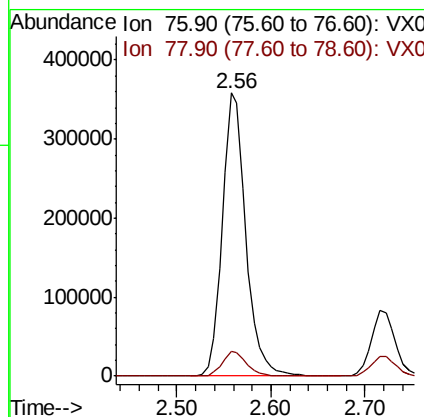
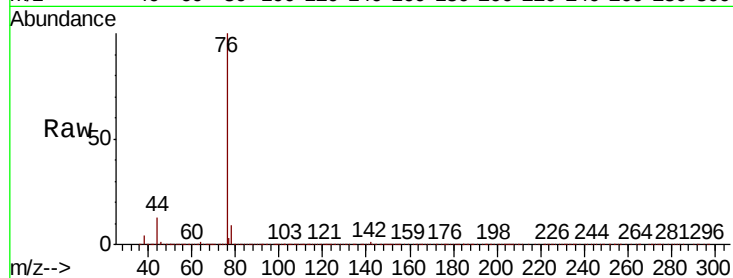
#17
Carbon Disulfide
Concen: 42.527 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.00 min
Lab File: VX013866.D
Acq: 09 Dec 2019 21:14

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191204MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.2	10.8

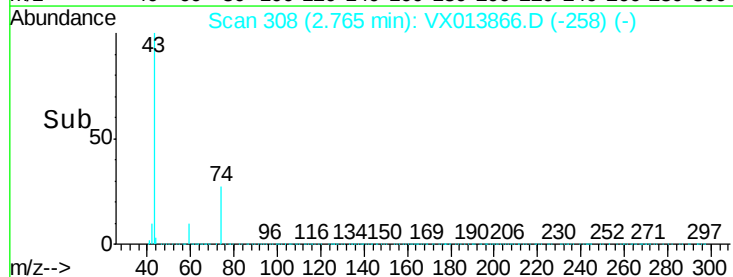
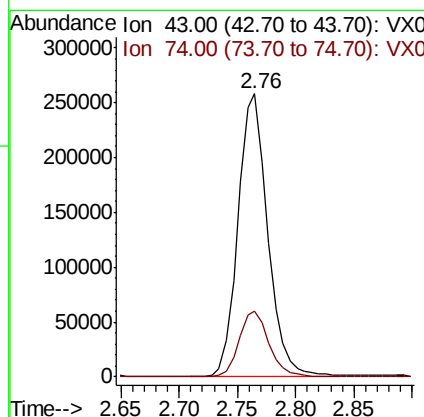
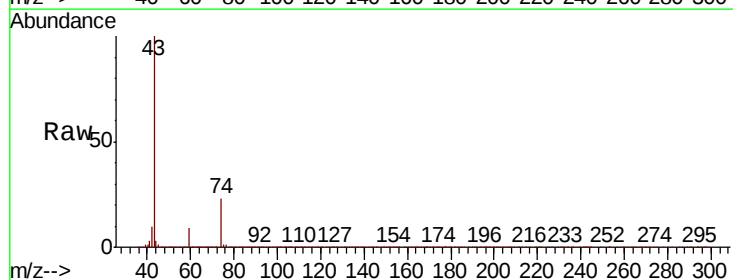
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#18
Methyl Acetate
Concen: 53.518 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.01 min
Lab File: VX013866.D
Acq: 09 Dec 2019 21:14

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.4	19.5	29.3





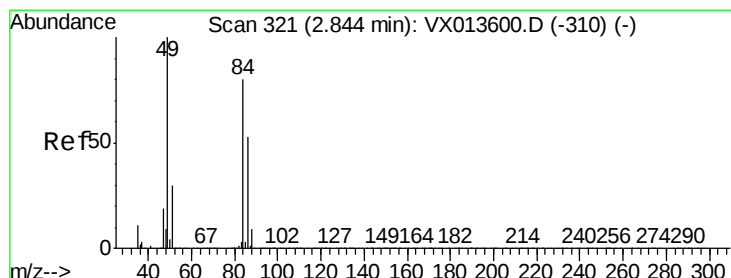
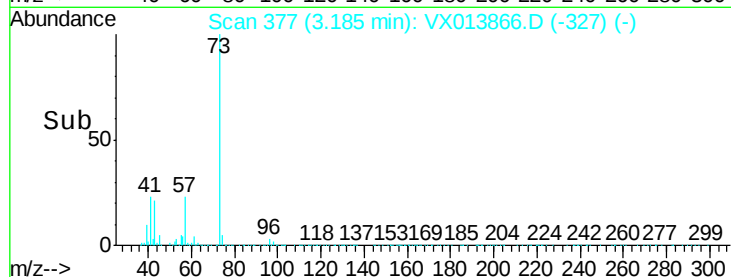
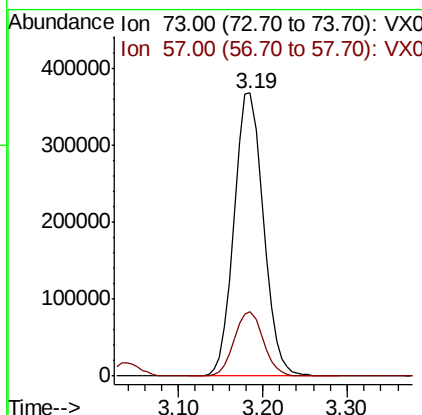
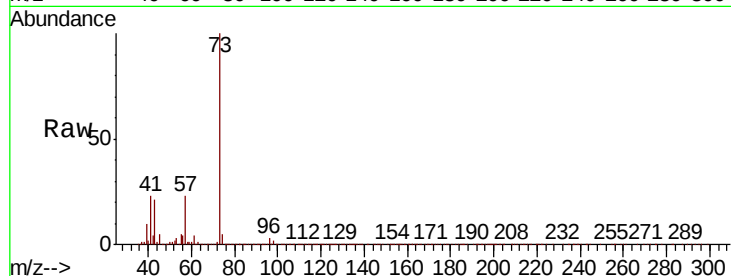
#19
Methvl tert-butvl Ether
Concen: 51.381 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.01 min
Lab File: VX013866.D
Acq: 09 Dec 2019 21:14

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191204MS

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.5	18.3	27.5

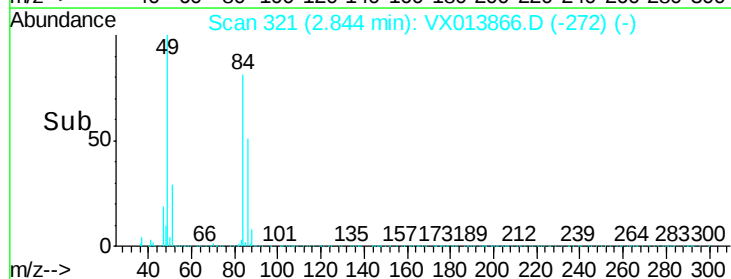
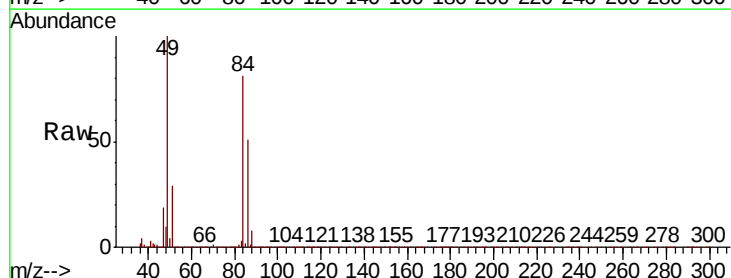
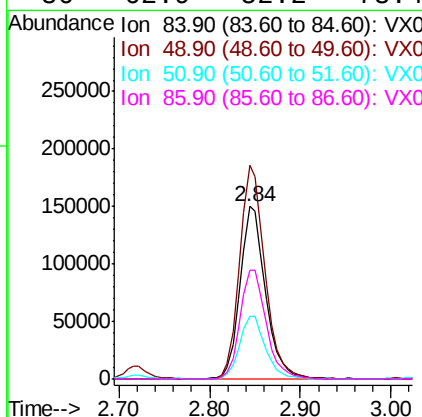
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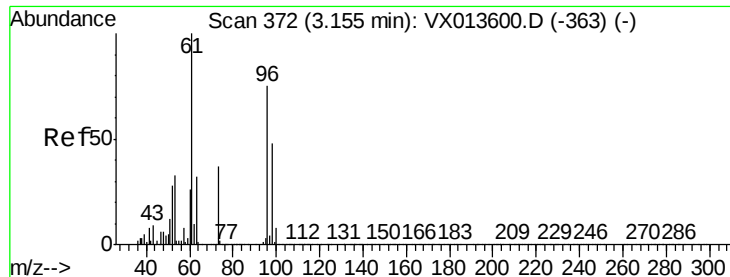
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#20
Methylene Chloride
Concen: 49.470 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX013866.D
Acq: 09 Dec 2019 21:14

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.6	99.7	149.5
51	36.2	29.9	44.9
86	62.9	52.2	78.4





#21

trans-1,2-Dichloroethene

Concen: 48.263 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013866.D

Acq: 09 Dec 2019 21:14

Instrument :

MSVOA_X

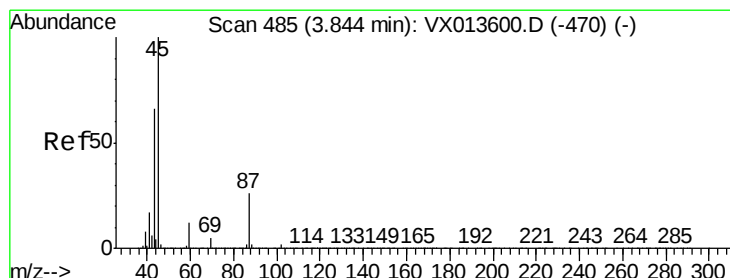
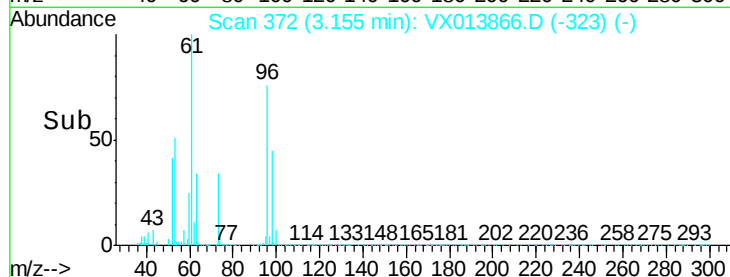
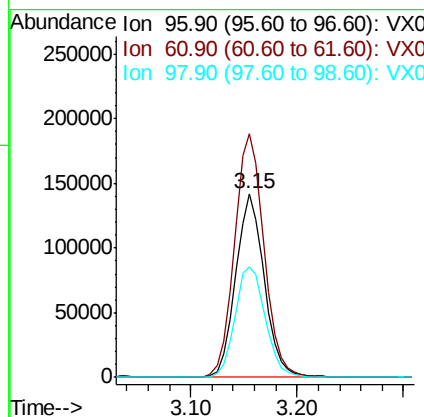
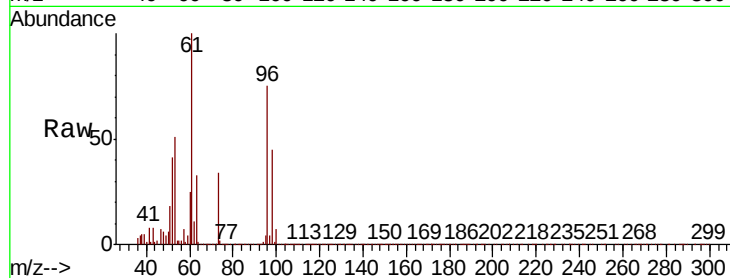
ClientSampleId :

RE131D2-20191204MS

Tot Ion:	96	Resp:	267685
Ion	Ratio	Lower	Upper
96	100		
61	132.4	107.2	160.8
98	60.2	51.4	77.0

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#22

Diisopropyl ether

Concen: 52.908 ug/l

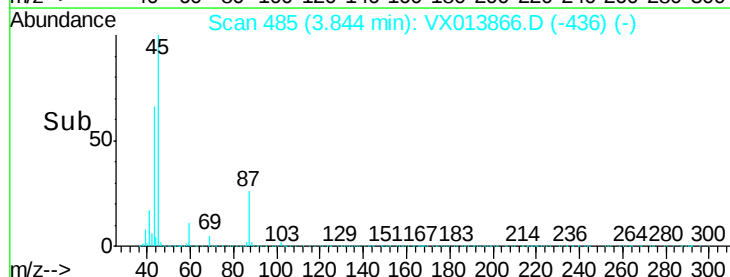
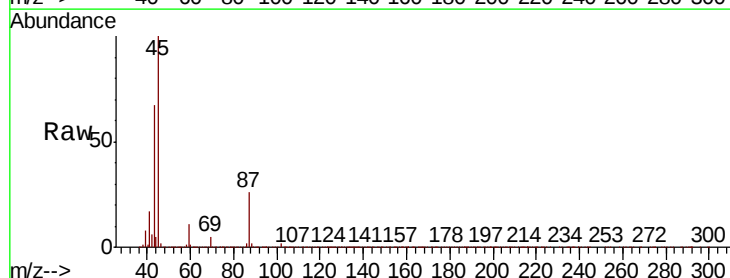
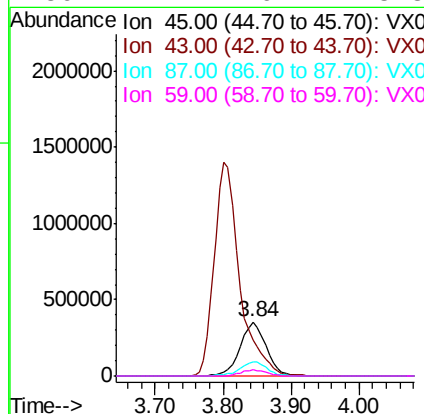
RT: 3.84 min Scan# 485

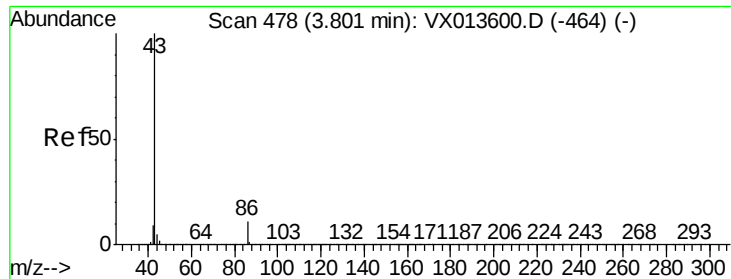
Delta R.T. -0.00 min

Lab File: VX013866.D

Acq: 09 Dec 2019 21:14

Tgt Ion:	45	Resp:	941280
Ion	Ratio	Lower	Upper
45	100		
43	66.1	52.6	79.0
87	26.2	21.1	31.7
59	11.4	9.2	13.8





#23

Vinyl Acetate

Concen: 245.704 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013866.D

Acq: 09 Dec 2019 21:14

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20191204MS

Tot Ion: 43 Resp: 3636448

Ion Ratio Lower Upper

43 100

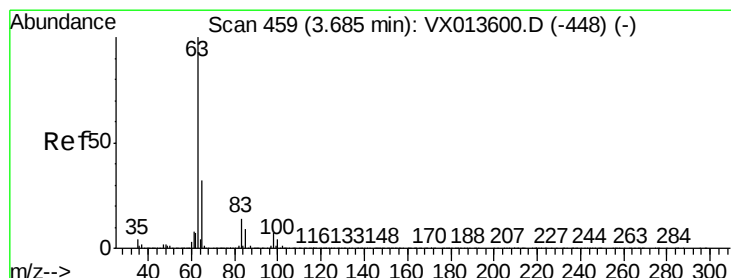
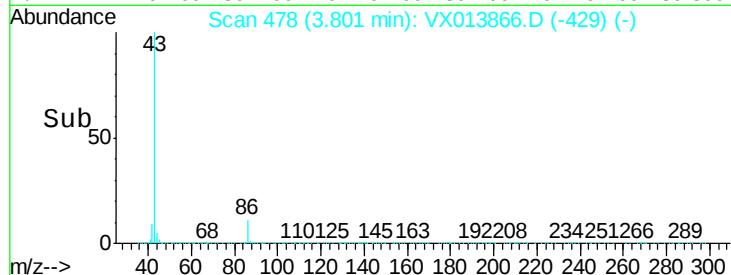
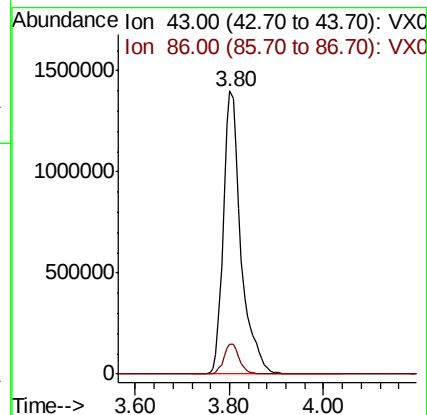
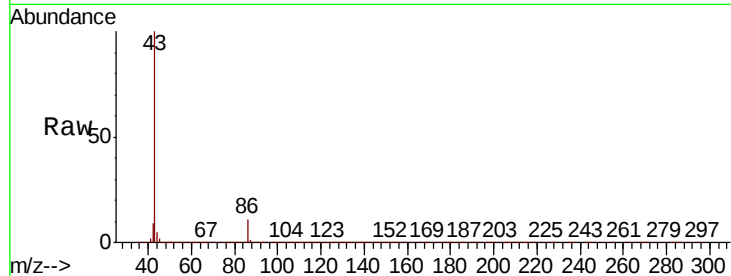
86 10.8 8.7 13.1

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#24

1,1-Dichloroethane

Concen: 51.843 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013866.D

Acq: 09 Dec 2019 21:14

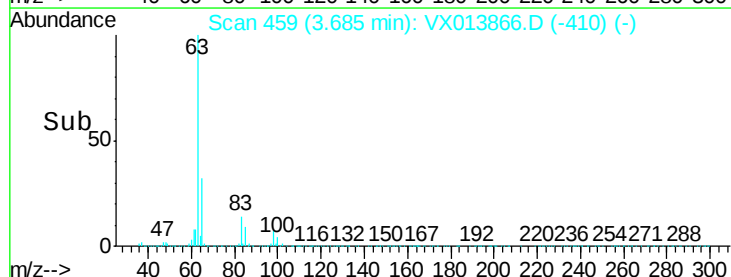
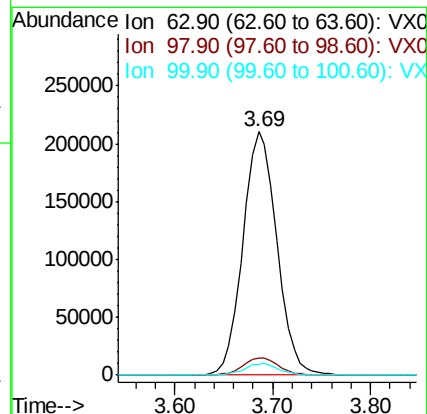
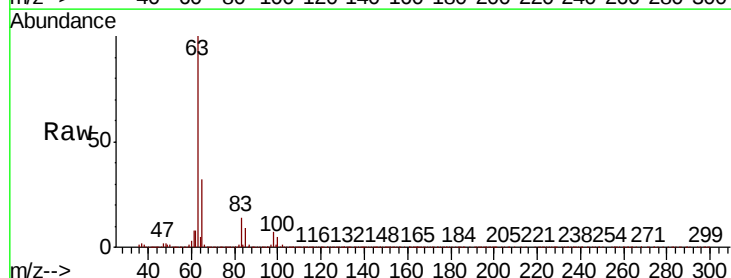
Tgt Ion: 63 Resp: 504206

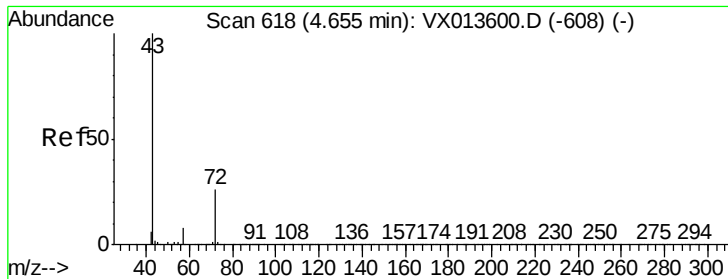
Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.4

100 4.5 2.1 6.3





#25

2-Butanone

Concen: 265.610 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX013866.D

Acq: 09 Dec 2019 21:14

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20191204MS

Tot Ion: 43 Resp: 1210269

Ion Ratio Lower Upper

43 100

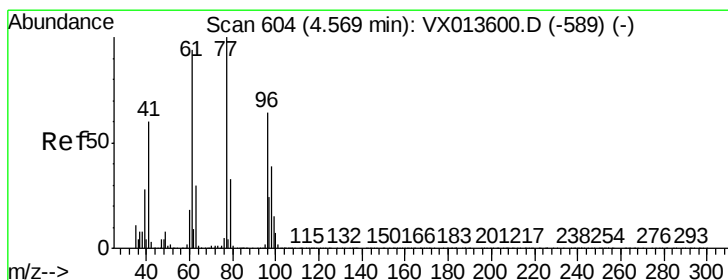
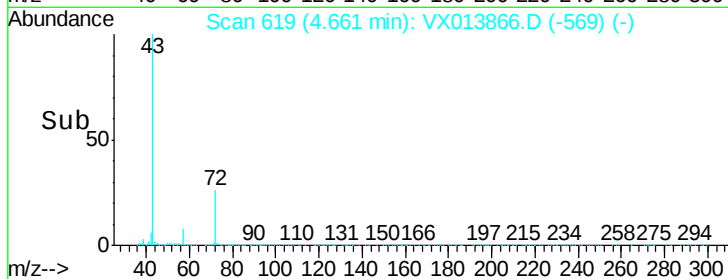
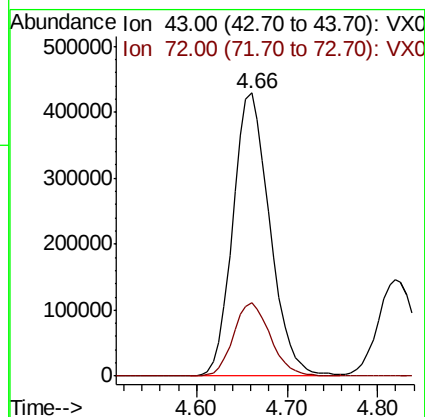
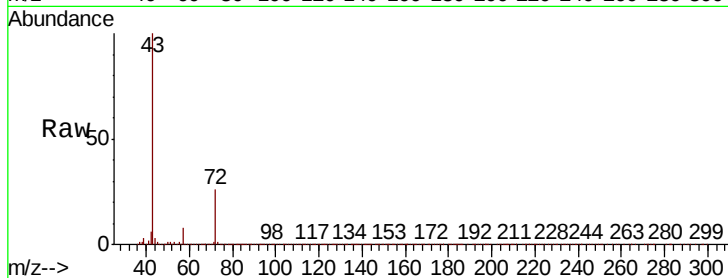
72 25.9 20.6 31.0

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#26

2,2-Dichloropropane

Concen: 40.974 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX013866.D

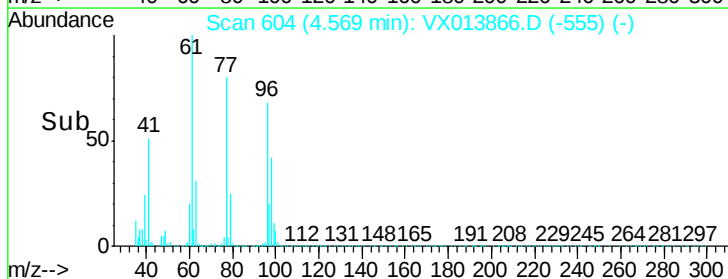
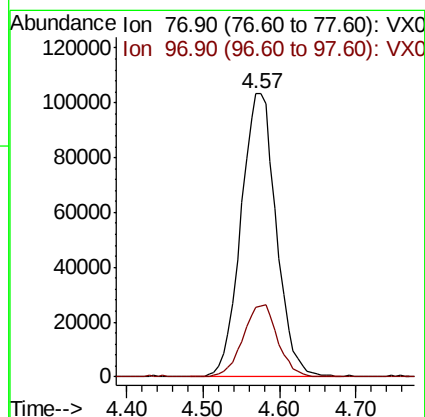
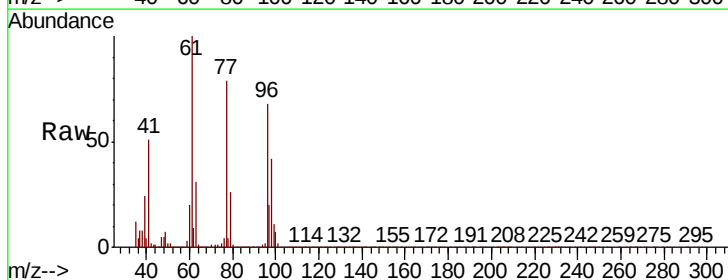
Acq: 09 Dec 2019 21:14

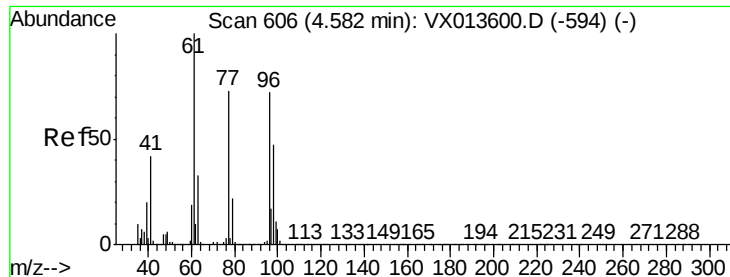
Tgt Ion: 77 Resp: 329706

Ion Ratio Lower Upper

77 100

97 25.0 12.0 36.1





#27

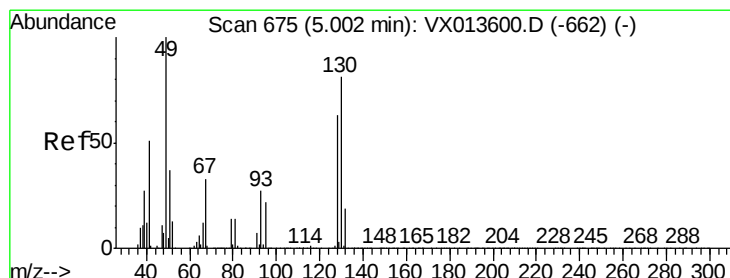
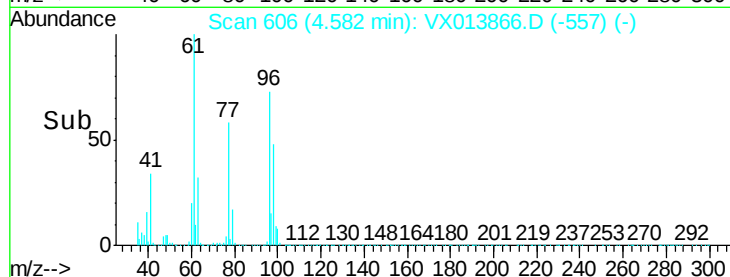
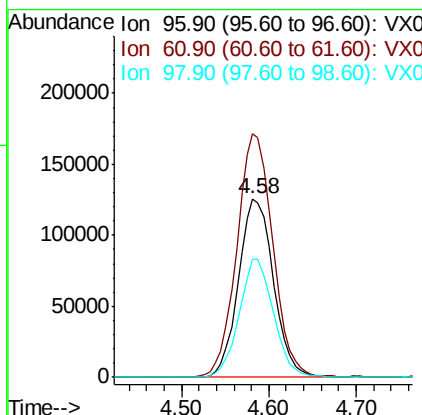
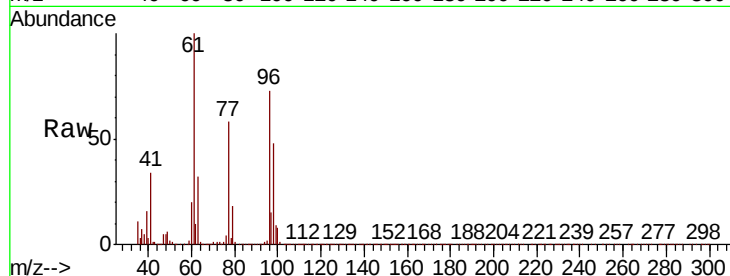
cis-1,2-Dichloroethene
Concen: 54.450 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX013866.D
Acq: 09 Dec 2019 21:14

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191204MS

Tot Ion	Ratio	Resp	Lower	Upper
96	100	346818		
61	141.0	0.0	286.4	
98	65.4	0.0	127.4	

Manual Integrations
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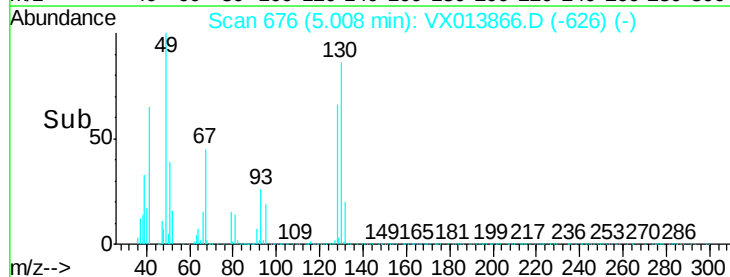
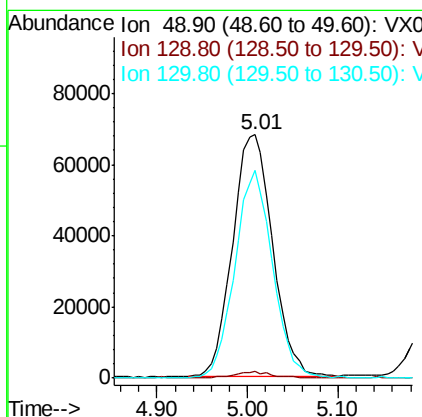
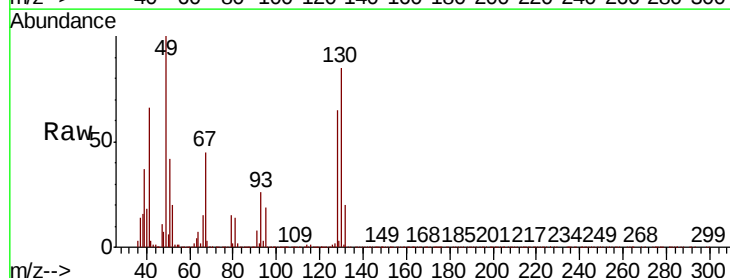
apatel
12/11/2019 8:54:36 AM

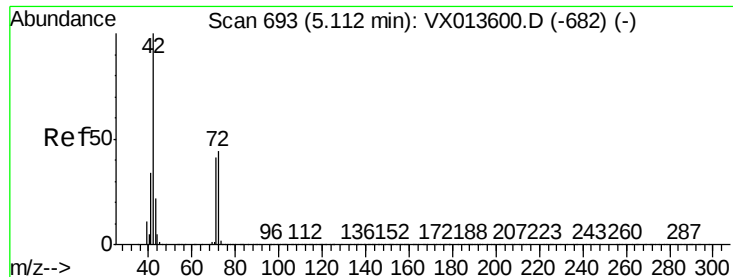


#28

Bromochloromethane
Concen: 54.202 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX013866.D
Acq: 09 Dec 2019 21:14

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	208315		
129	2.5	0.0	5.0	
130	80.3	65.4	98.0	





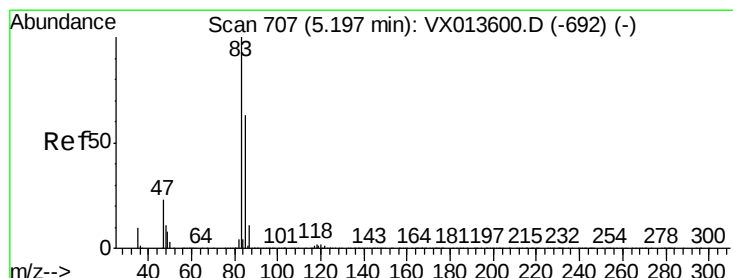
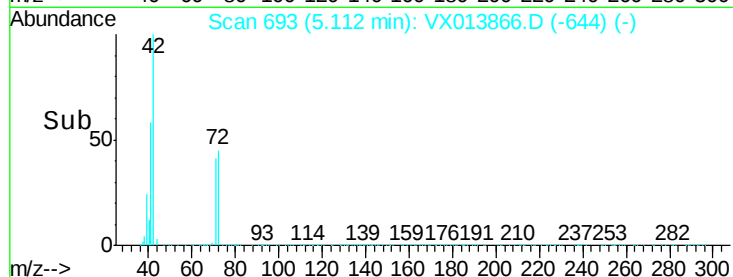
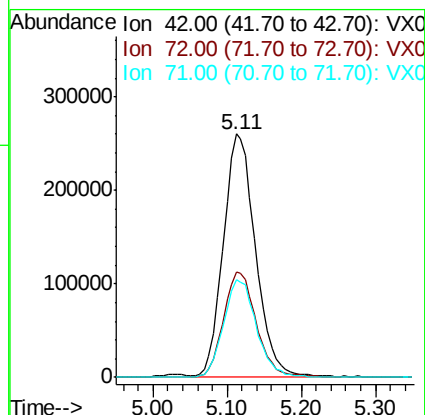
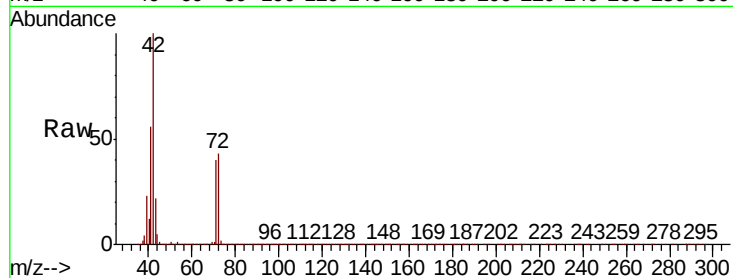
#29
Tetrahydrofuran
Concen: 277.555 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.00 min
Lab File: VX013866.D
Acq: 09 Dec 2019 21:14

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191204MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.2	36.3	54.5
71	41.0	33.2	49.8

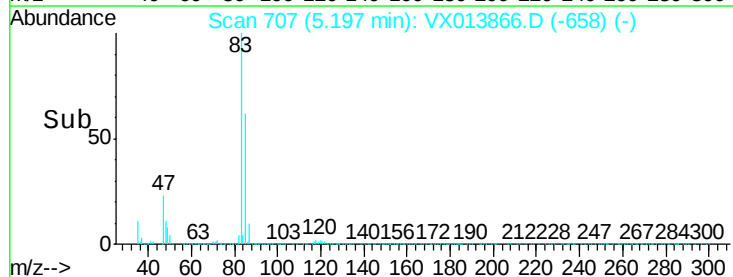
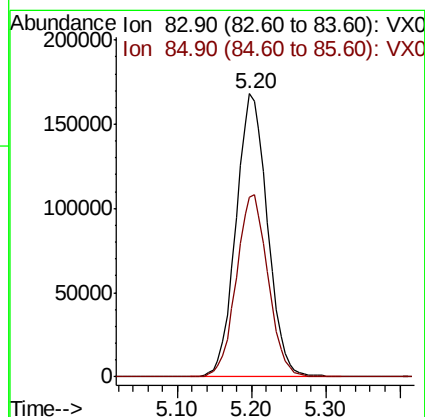
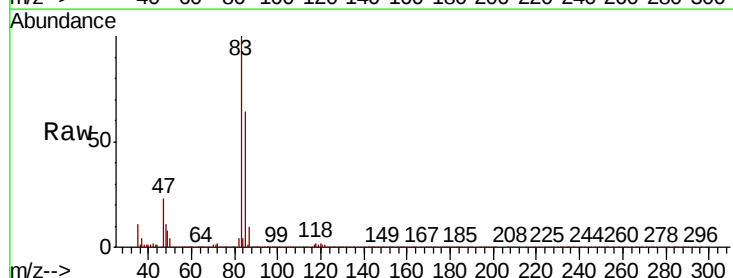
Manual Integrations
APPROVED

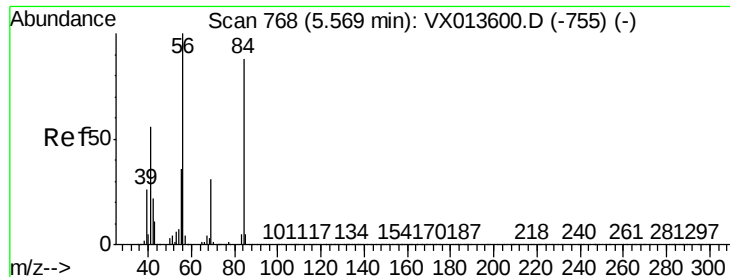
apatel
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#30
Chloroform
Concen: 50.453 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX013866.D
Acq: 09 Dec 2019 21:14

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.5	50.2	75.4





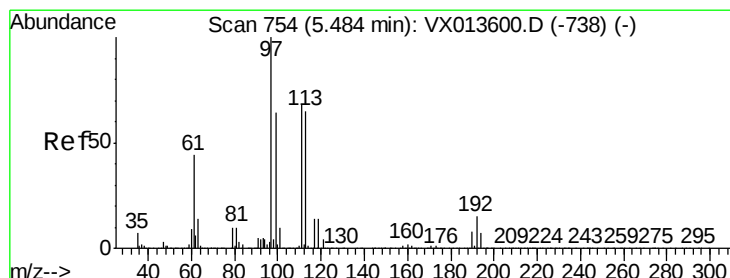
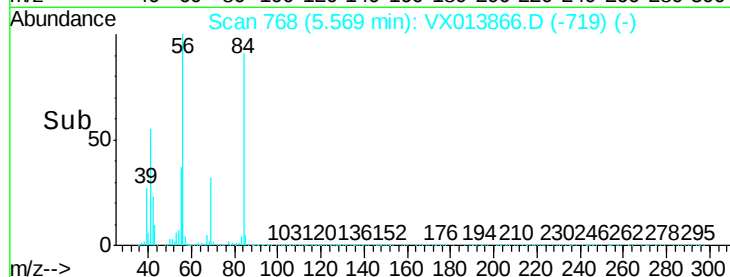
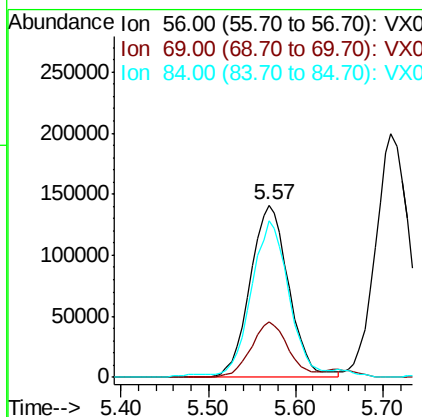
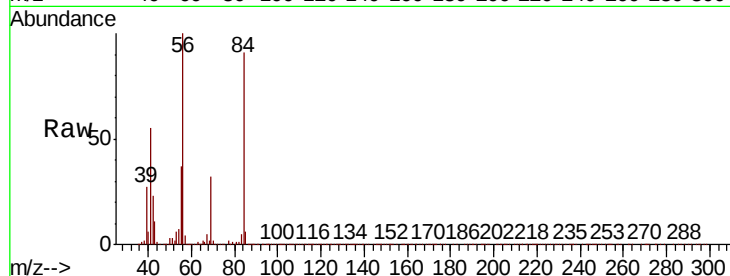
#31
Cyclohexane
Concen: 47.159 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX013866.D
Acq: 09 Dec 2019 21:14

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191204MS

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.9	24.6	36.8
84	89.4	70.0	105.0

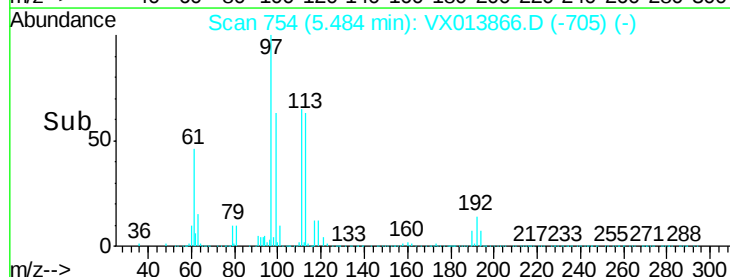
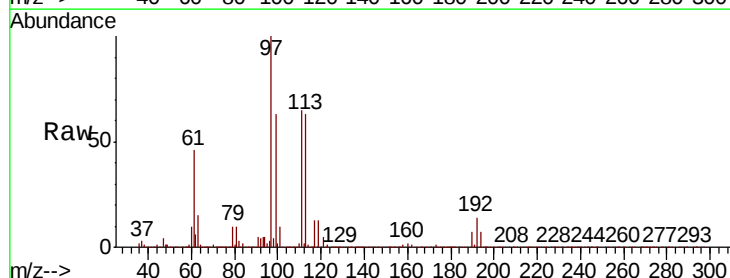
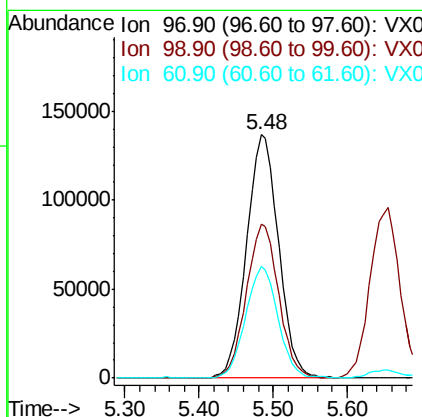
Manual Integrations
APPROVED

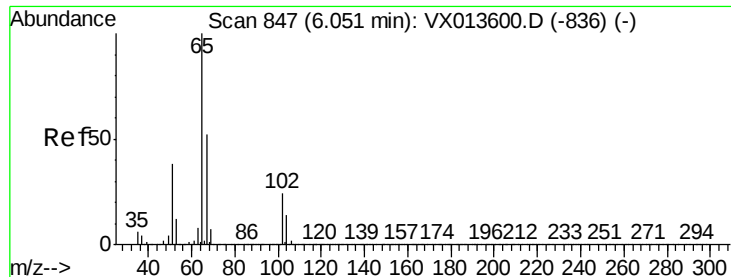
apatel
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#32
1,1,1-Trichloroethane
Concen: 50.120 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX013866.D
Acq: 09 Dec 2019 21:14

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.4	51.6	77.4
61	46.2	36.1	54.1





#33

1,2-Dichloroethane-d4

Concen: 47.151 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX013866.D

Acq: 09 Dec 2019 21:14

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20191204MS

Tot Ion: 65 Resp: 292807

Ion Ratio Lower Upper

65 100

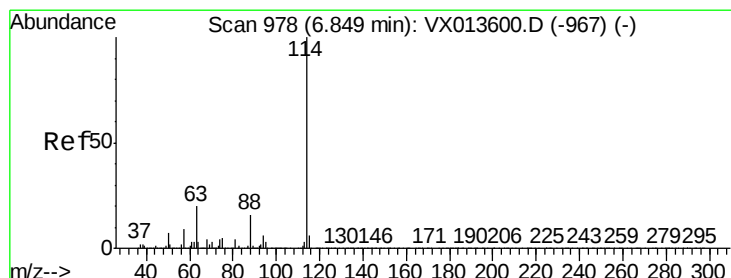
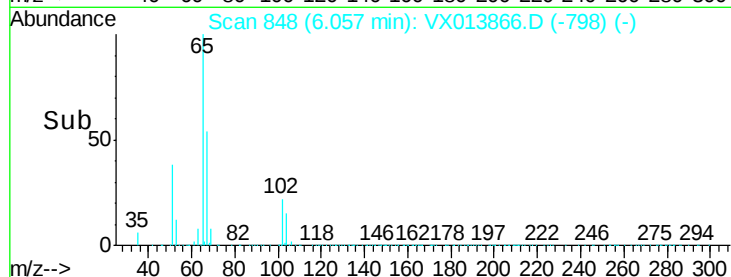
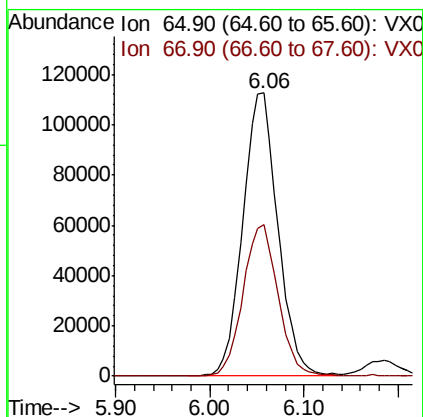
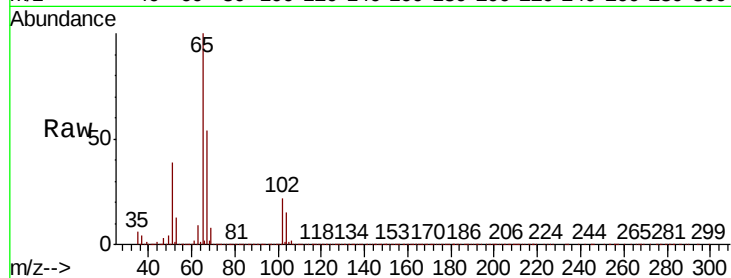
67 52.9 0.0 104.4

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013866.D

Acq: 09 Dec 2019 21:14

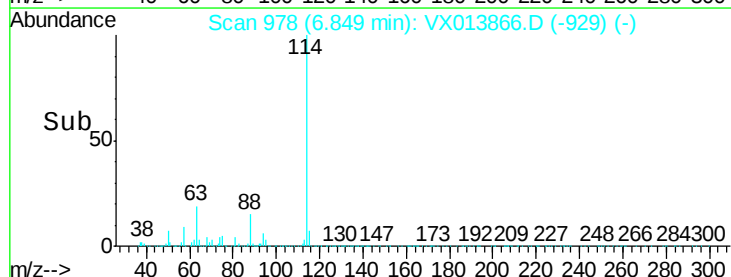
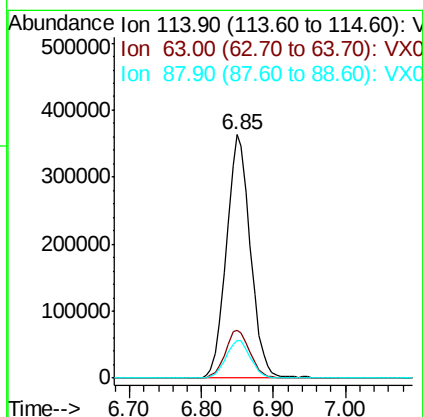
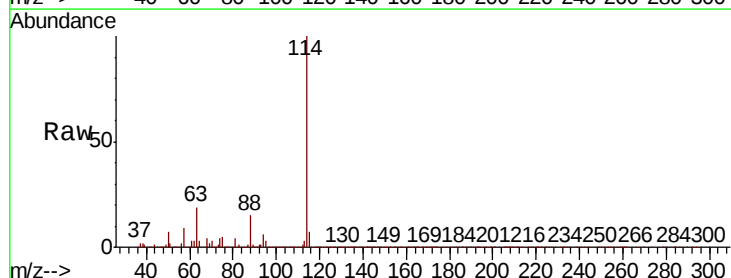
Tgt Ion: 114 Resp: 842921

Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.6

88 15.2 0.0 31.4





#35

Dibromofluoromethane

Concen: 47.421 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX013866.D

Acq: 09 Dec 2019 21:14

Instrument :

MSVOA_X

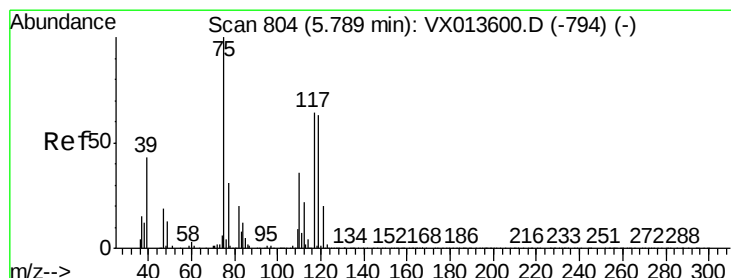
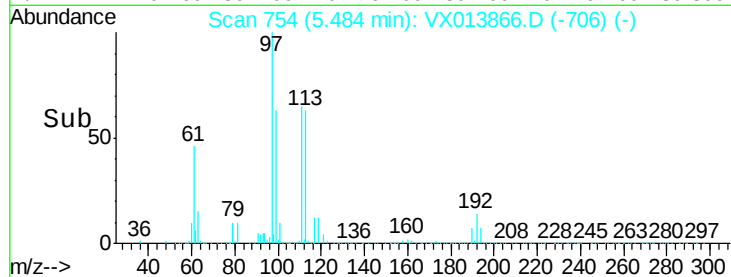
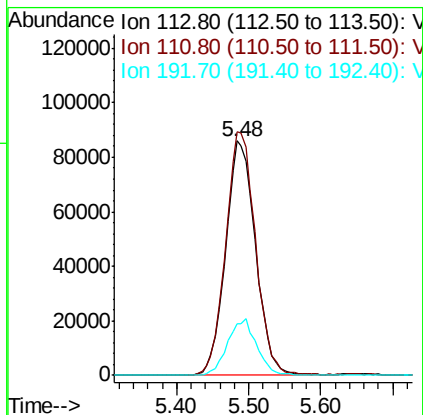
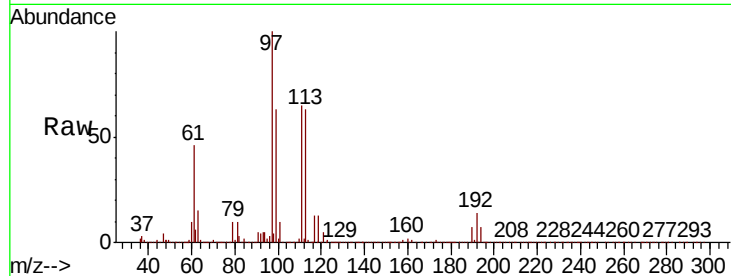
ClientSampleId :

RE131D2-20191204MS

Tot Ion:	113	Resp:	247112
Ion Ratio	Lower	Upper	
113	100		
111	104.5	83.6	125.4
192	23.7	19.2	28.8

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#36

1,1-Dichloropropene

Concen: 46.978 ug/l

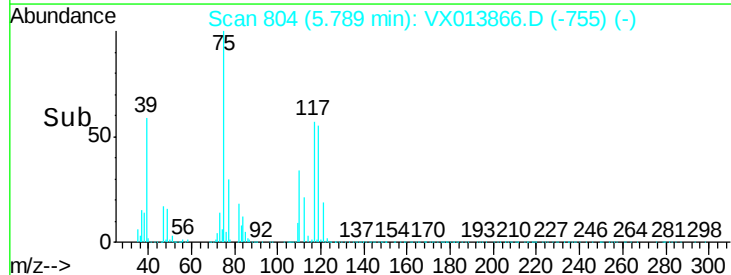
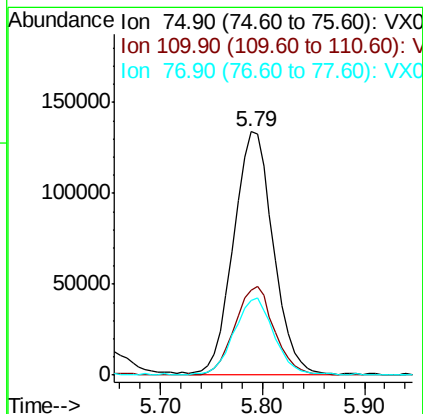
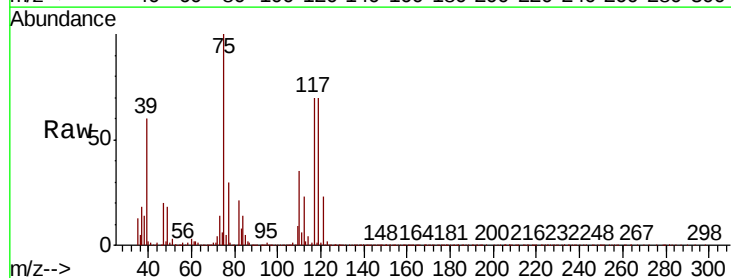
RT: 5.79 min Scan# 804

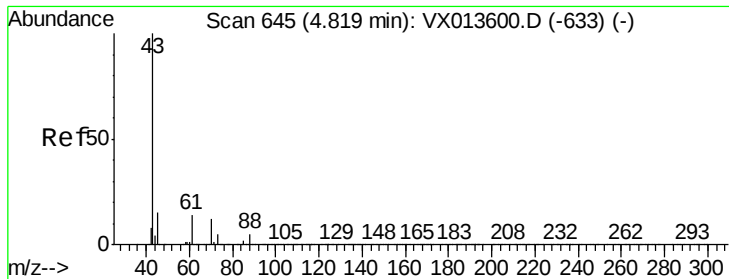
Delta R.T. -0.00 min

Lab File: VX013866.D

Acq: 09 Dec 2019 21:14

Tgt Ion:	75	Resp:	359459
Ion Ratio	Lower	Upper	
75	100		
110	36.3	18.1	54.1
77	31.5	24.5	36.7





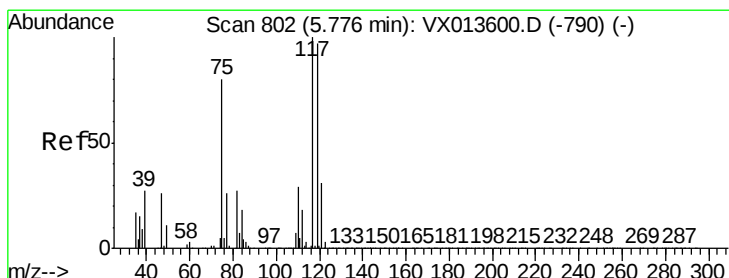
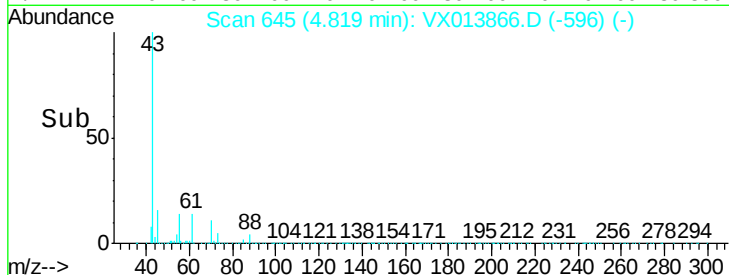
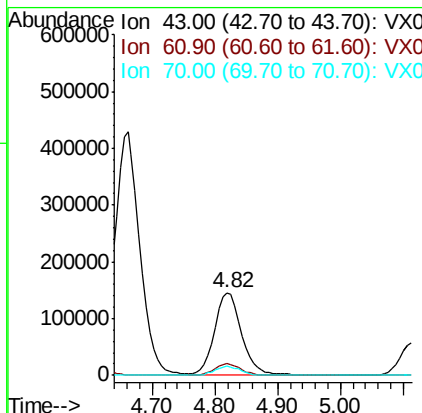
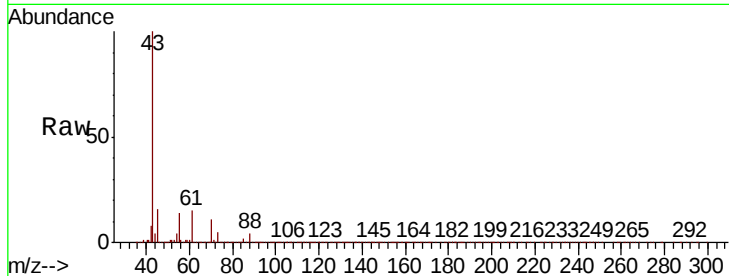
#37
Ethyl Acetate
Concen: 50.190 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013866.D
Acq: 09 Dec 2019 21:14

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191204MS

Tot Ion	43	Resp	430827
Ion Ratio	Lower	Upper	
43	100		
61	13.5	11.0	16.4
70	10.5	8.6	12.8

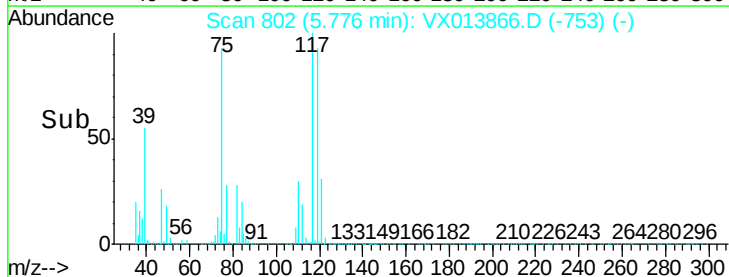
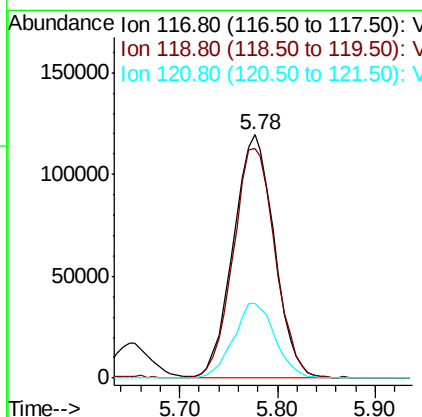
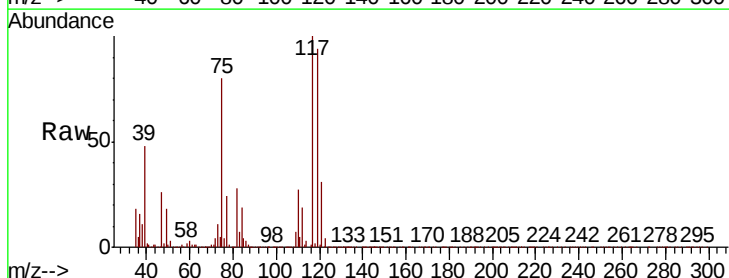
Manual Integrations
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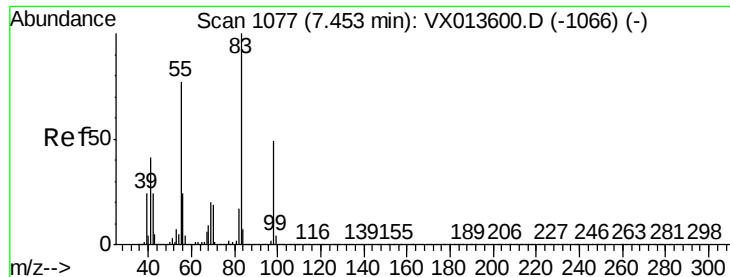
apatel
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#38
Carbon Tetrachloride
Concen: 48.980 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013866.D
Acq: 09 Dec 2019 21:14

Tgt Ion	117	Resp	345576
Ion Ratio	Lower	Upper	
117	100		
119	94.0	77.5	116.3
121	30.5	25.0	37.6





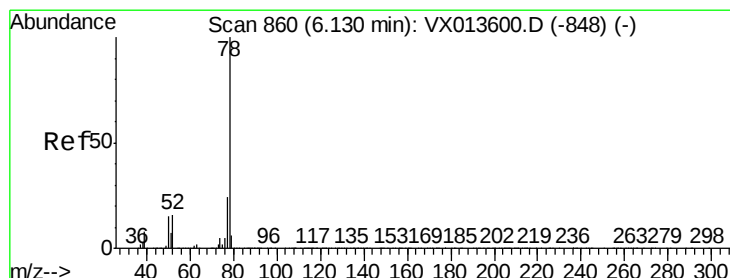
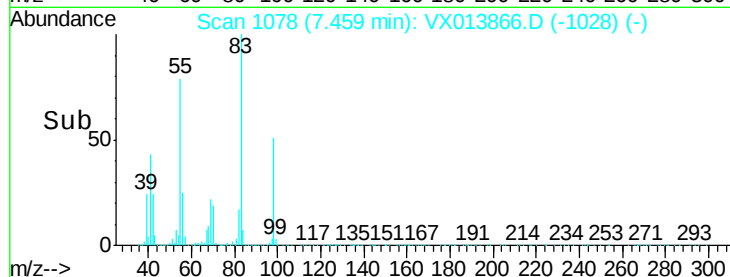
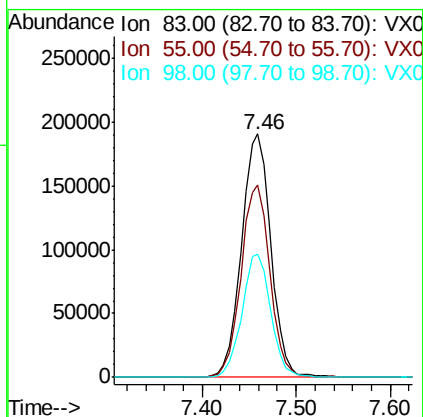
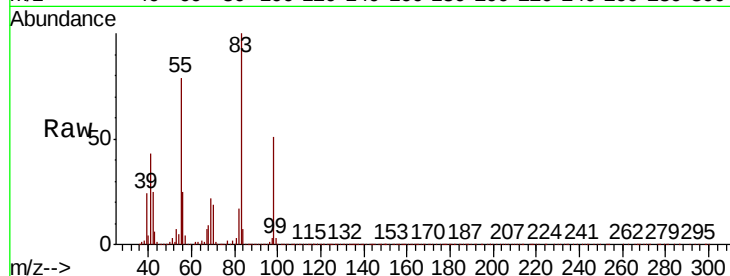
#39
Methvlcvclohexane
Concen: 43.919 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX013866.D
Acq: 09 Dec 2019 21:14

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191204MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.8	61.9	92.9
98	50.4	39.4	59.0

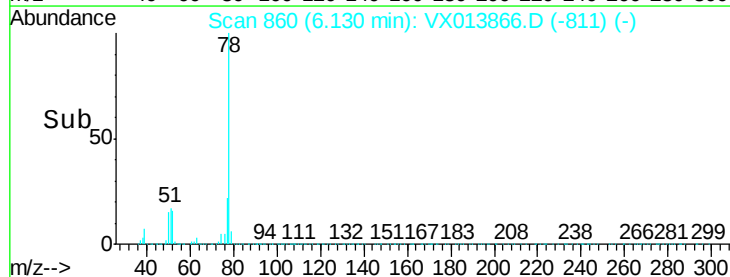
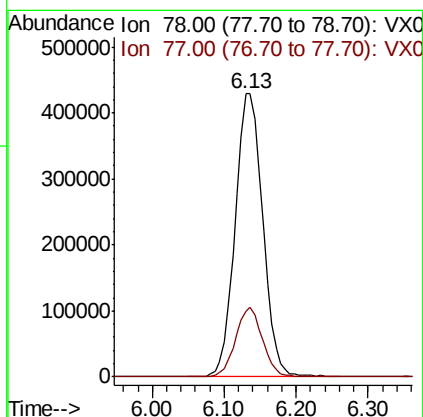
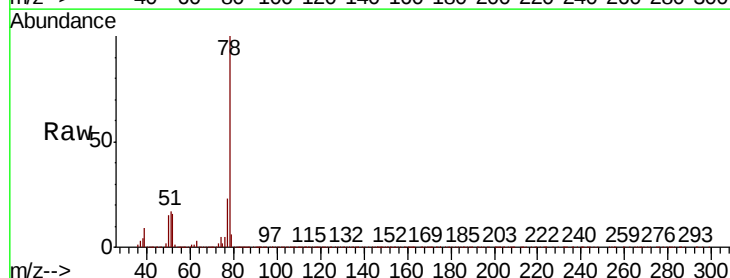
Manual Integrations
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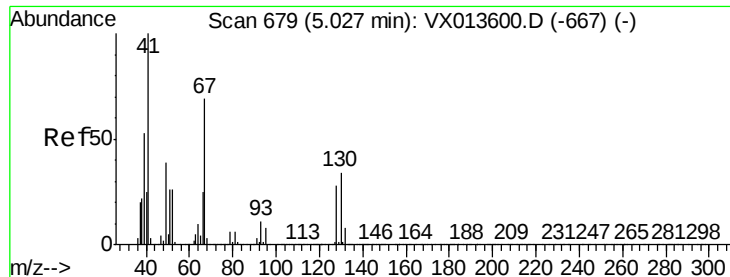
apatel
12/11/2019 8:54:36 AM



#40
Benzene
Concen: 48.971 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX013866.D
Acq: 09 Dec 2019 21:14

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	19.0	28.4





#41

Methacrylonitrile

Concen: 53.756 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.00 min

Lab File: VX013866.D

Acq: 09 Dec 2019 21:14

Instrument :

MSVOA_X

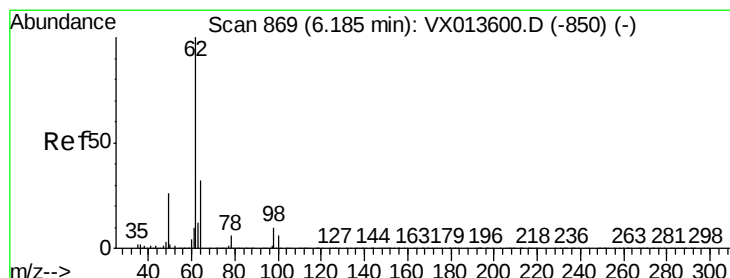
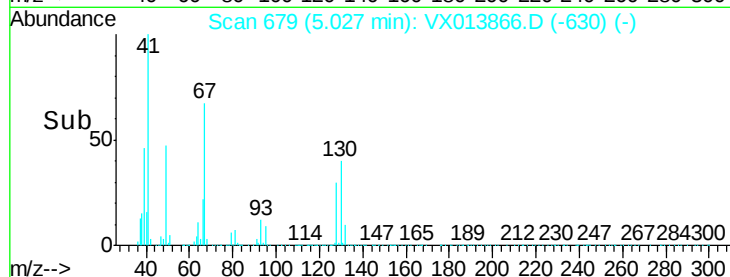
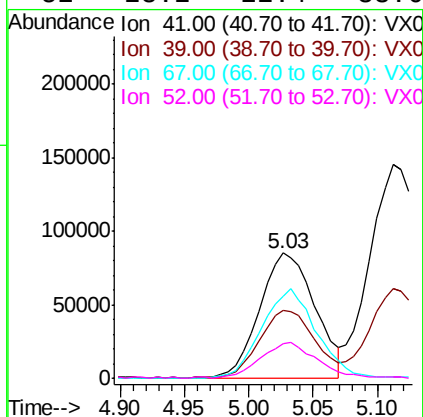
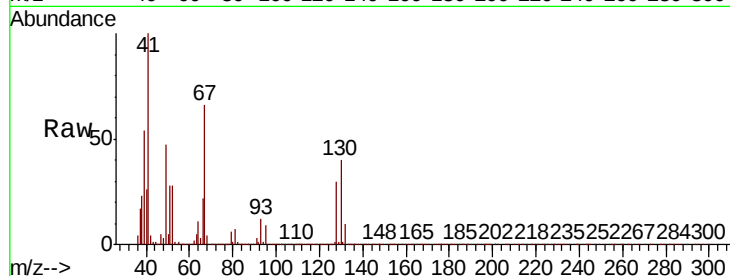
ClientSampleId :

RE131D2-20191204MS

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.0	42.9	64.3	
67	71.7	57.4	86.0	
52	28.2	22.4	33.6	

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 49.649 ug/l

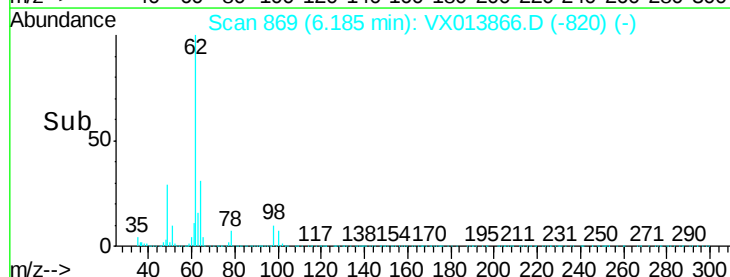
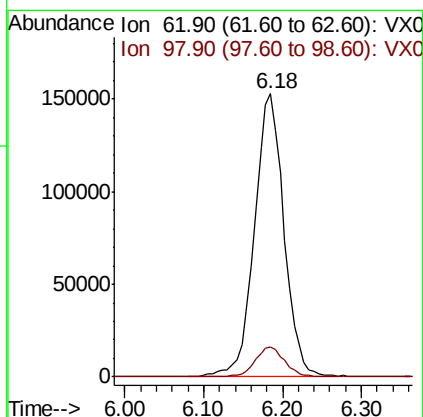
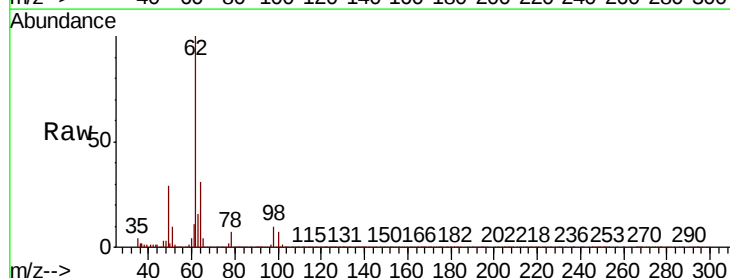
RT: 6.18 min Scan# 869

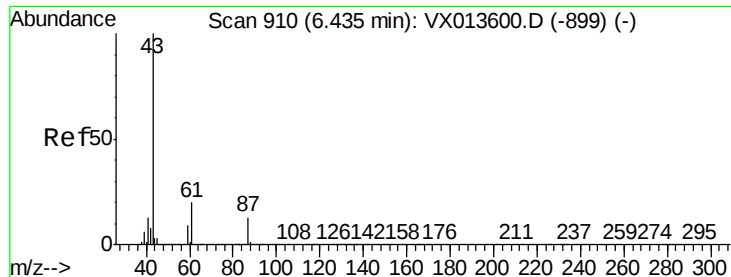
Delta R.T. -0.00 min

Lab File: VX013866.D

Acq: 09 Dec 2019 21:14

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.2	0.0	20.8	





#43

Isopropyl Acetate

Concen: 48.964 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX013866.D

Acq: 09 Dec 2019 21:14

Instrument :

MSVOA_X

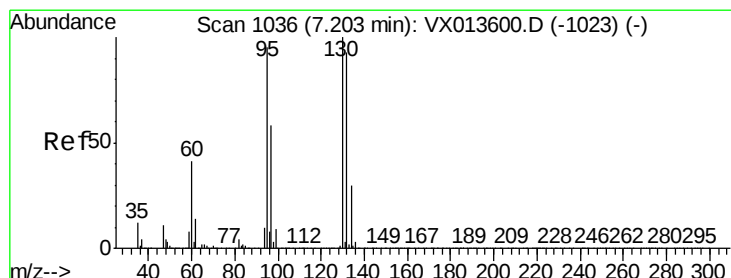
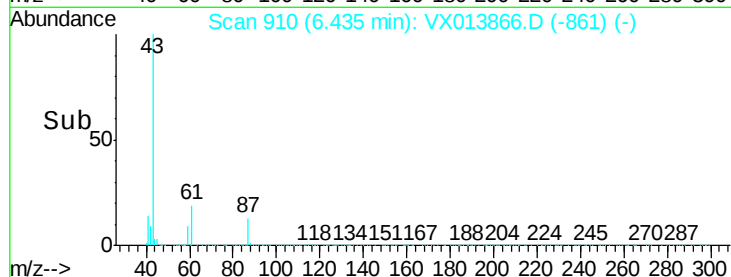
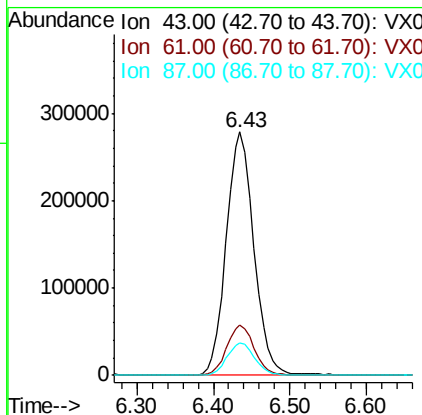
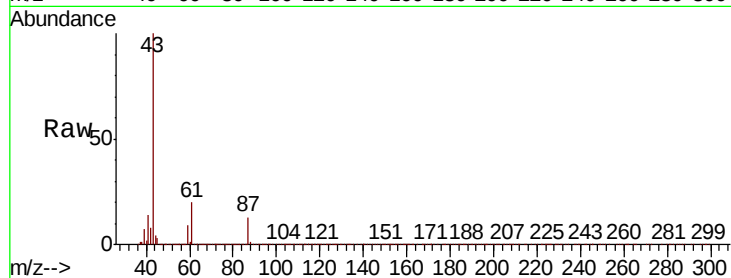
ClientSampleId :

RE131D2-20191204MS

Tot Ion:	43	Resp:	691959
Ion	Ratio	Lower	Upper
43	100		
61	20.3	16.3	24.5
87	13.4	10.8	16.2

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#44

Trichloroethene

Concen: 162.313 ug/l

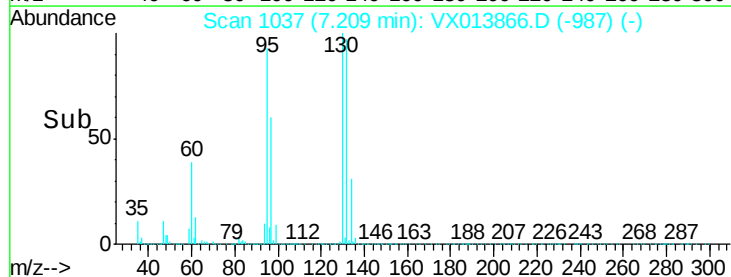
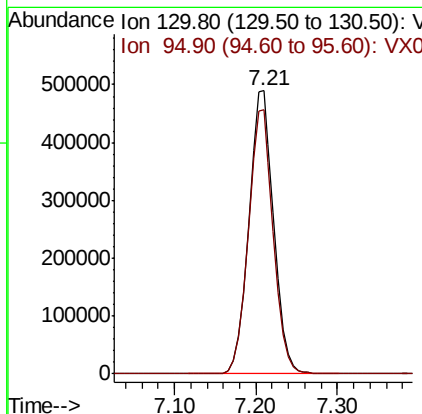
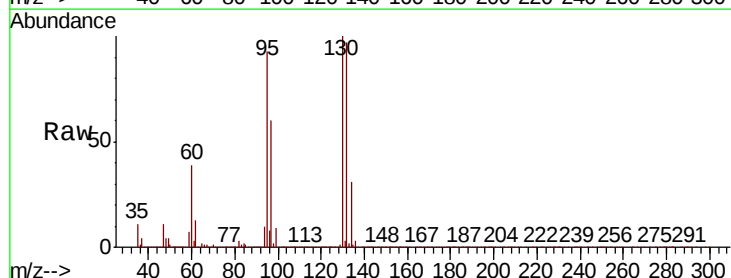
RT: 7.21 min Scan# 1037

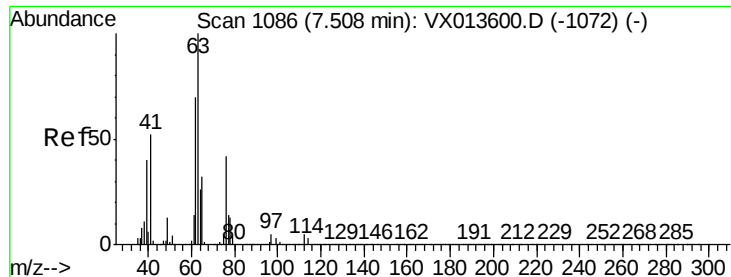
Delta R.T. 0.01 min

Lab File: VX013866.D

Acq: 09 Dec 2019 21:14

Tgt Ion:	130	Resp:	1038120
Ion	Ratio	Lower	Upper
130	100		
95	93.1	0.0	190.8





#45

1,2-Dichloropropane

Concen: 51.427 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX013866.D

Acq: 09 Dec 2019 21:14

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20191204MS

Tot Ion: 63 Resp: 299851

Ion Ratio Lower Upper

63 100

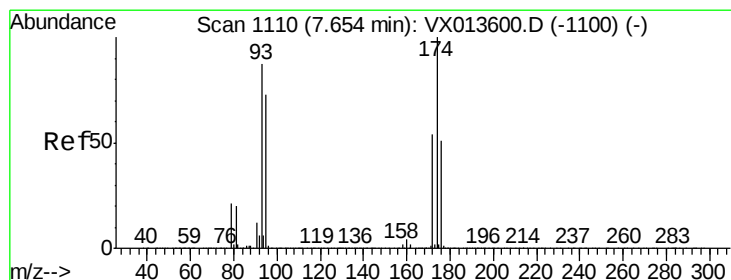
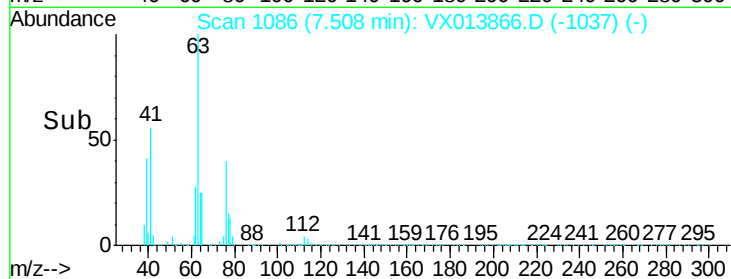
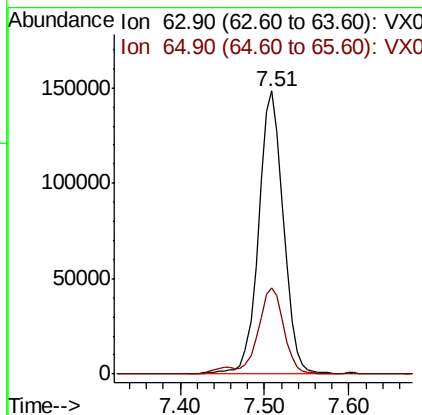
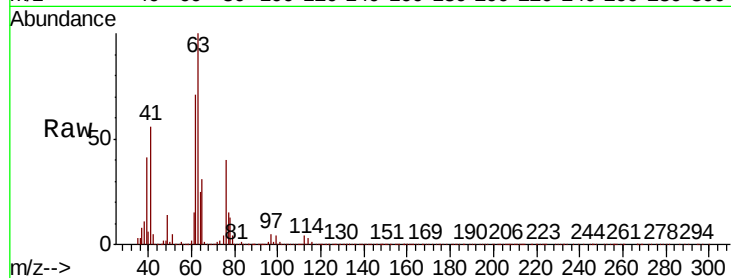
65 30.5 25.5 38.3

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#46

Dibromomethane

Concen: 49.357 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX013866.D

Acq: 09 Dec 2019 21:14

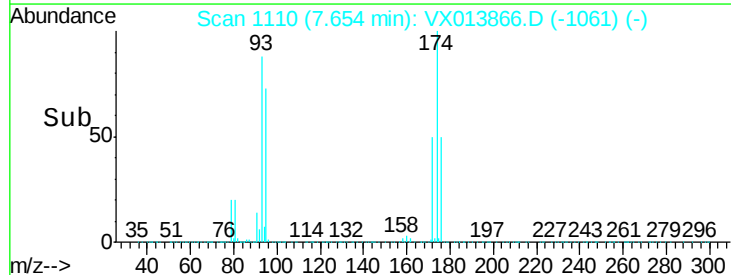
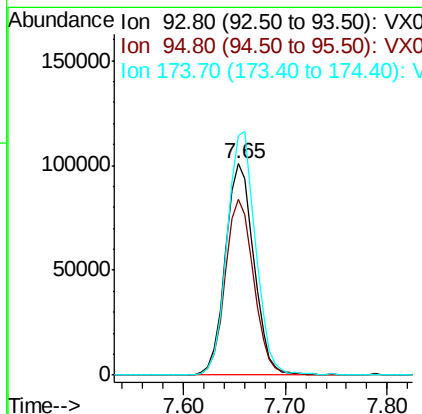
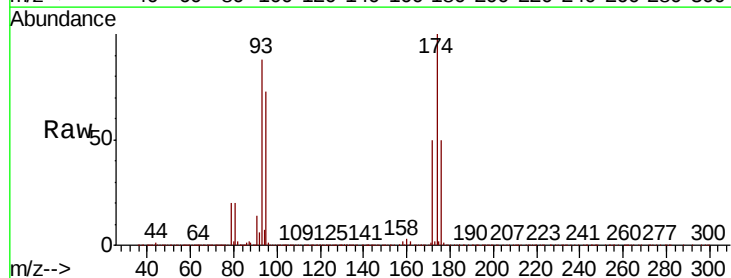
Tgt Ion: 93 Resp: 195455

Ion Ratio Lower Upper

93 100

95 82.5 66.2 99.2

174 114.1 93.4 140.0





#47

Bromodichloromethane

Concen: 51.420 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013866.D

Acq: 09 Dec 2019 21:14

Instrument :

MSVOA_X

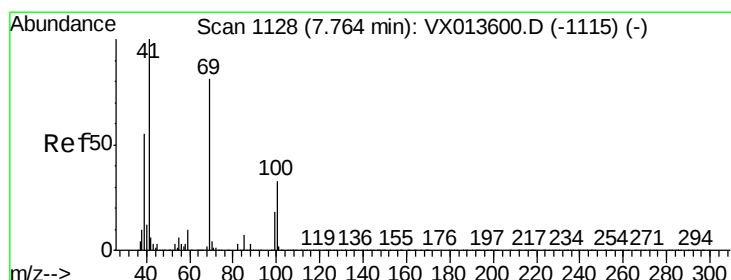
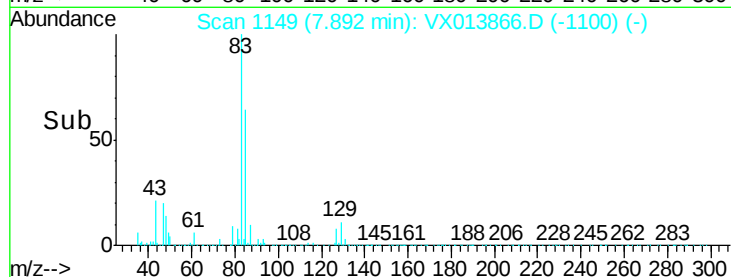
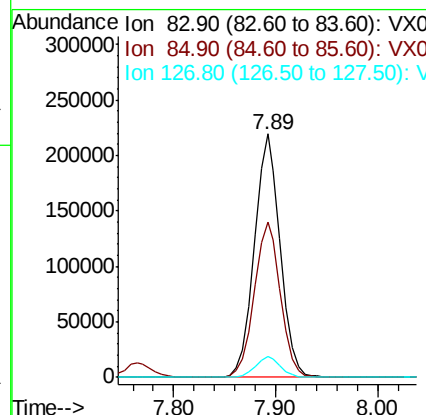
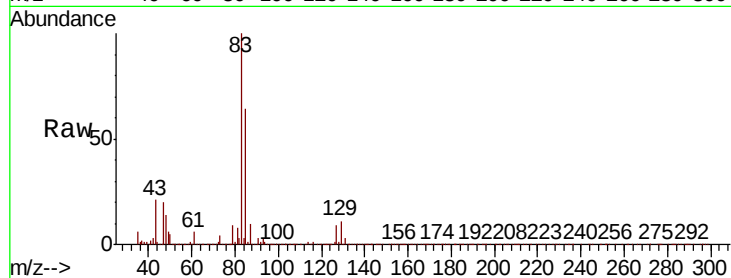
ClientSampleId :

RE131D2-20191204MS

Tot Ion:	83	Resp:	384943
Ion Ratio	Lower	Upper	
83	100		
85	63.6	52.1	78.1
127	8.5	7.0	10.4

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#48

Methyl methacrylate

Concen: 52.349 ug/l

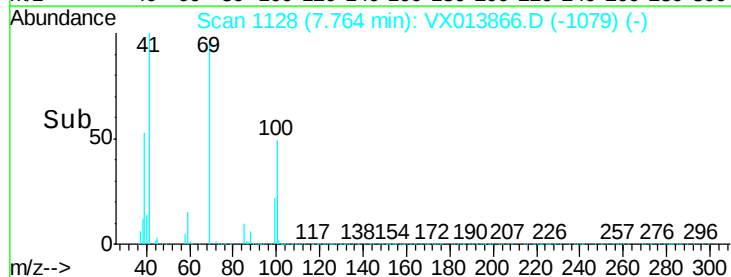
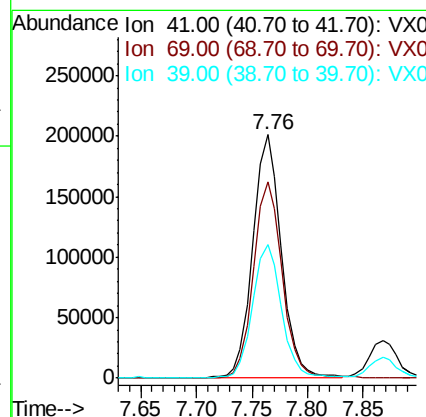
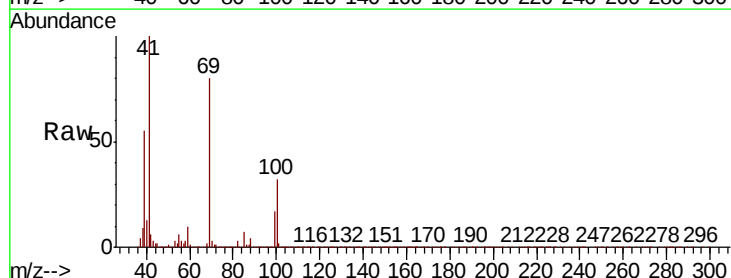
RT: 7.76 min Scan# 1128

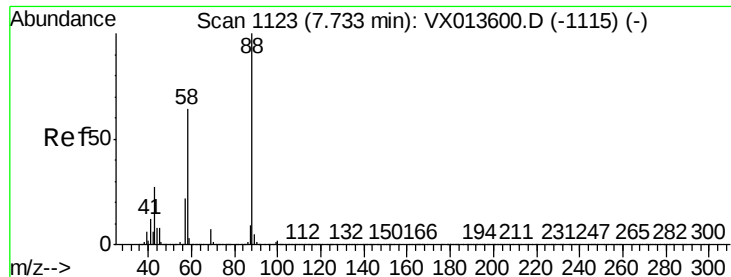
Delta R.T. -0.00 min

Lab File: VX013866.D

Acq: 09 Dec 2019 21:14

Tgt Ion:	41	Resp:	359448
Ion Ratio	Lower	Upper	
41	100		
69	80.8	64.7	97.1
39	55.2	43.8	65.6





#49

1,4-Dioxane

Concen: 1101.362 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VX013866.D

Acq: 09 Dec 2019 21:14

Instrument :

MSVOA_X

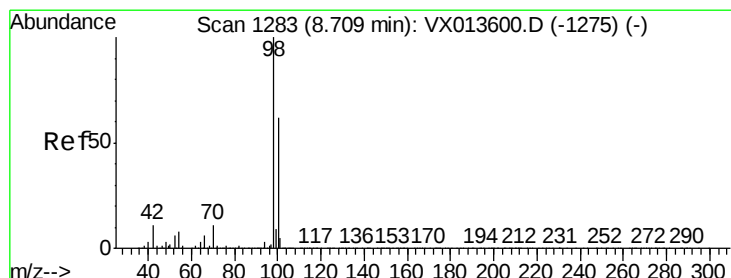
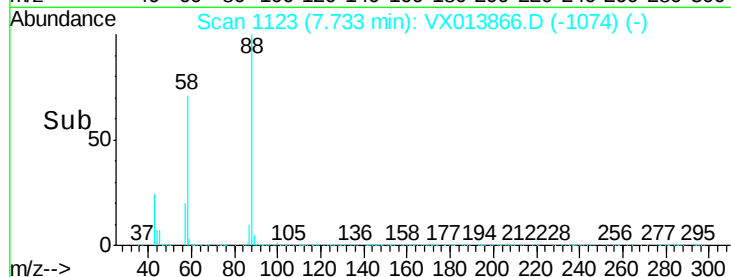
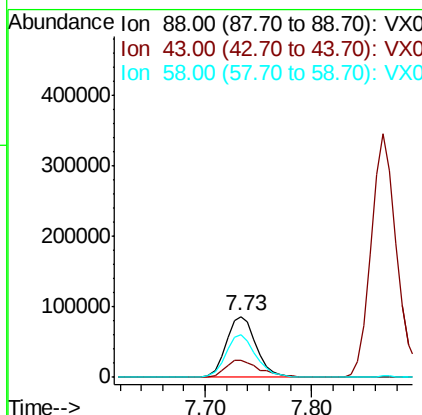
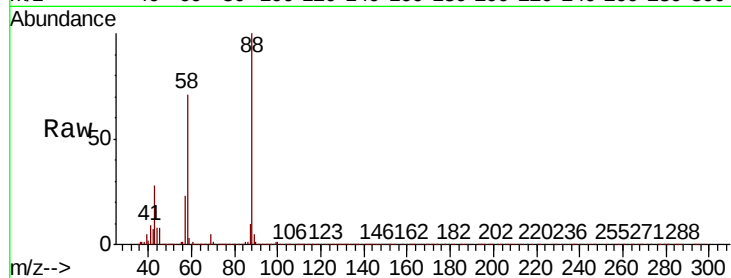
ClientSampleId :

RE131D2-20191204MS

Tot Ion:	88	Resp:	169274
Ion Ratio	Lower	Upper	
88	100		
43	34.0	25.8	38.6
58	71.8	54.6	82.0

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#50

Toluene-d8

Concen: 45.271 ug/l

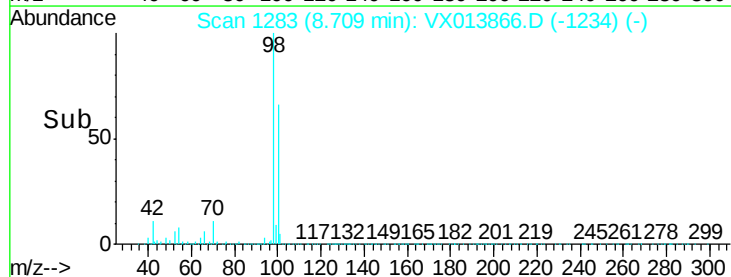
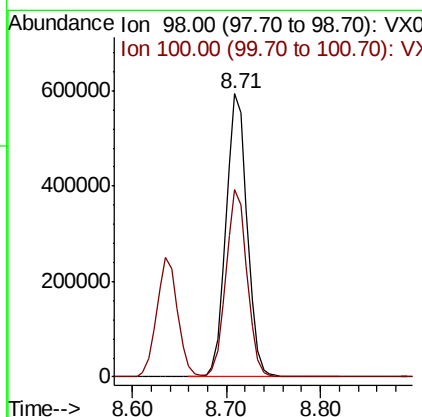
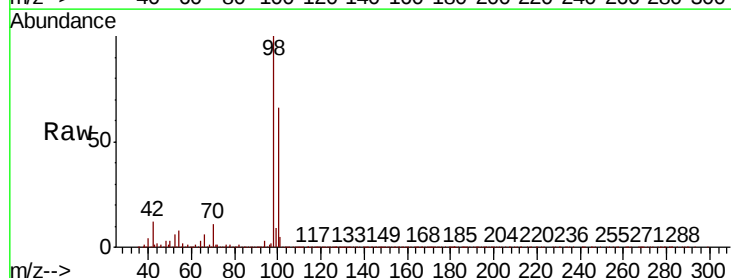
RT: 8.71 min Scan# 1283

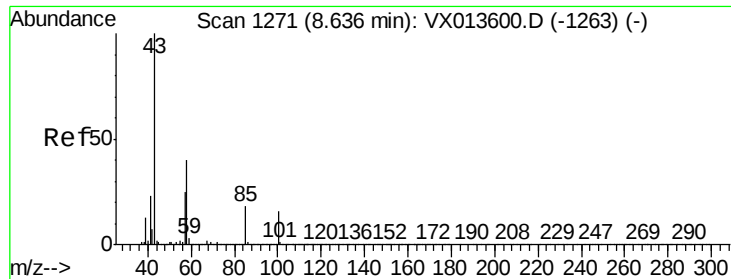
Delta R.T. -0.00 min

Lab File: VX013866.D

Acq: 09 Dec 2019 21:14

Tgt Ion:	98	Resp:	919138
Ion Ratio	Lower	Upper	
98	100		
100	66.2	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 265.912 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013866.D

Acq: 09 Dec 2019 21:14

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20191204MS

Tot Ion: 43 Resp: 2363771

Ion Ratio Lower Upper

43 100

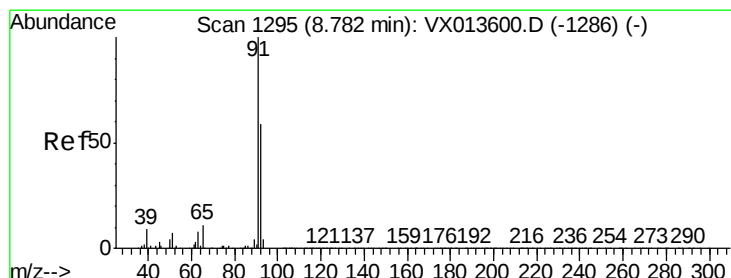
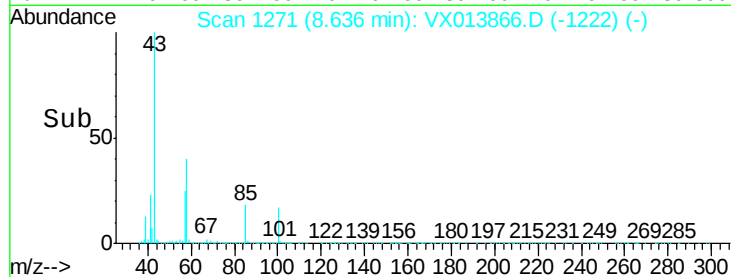
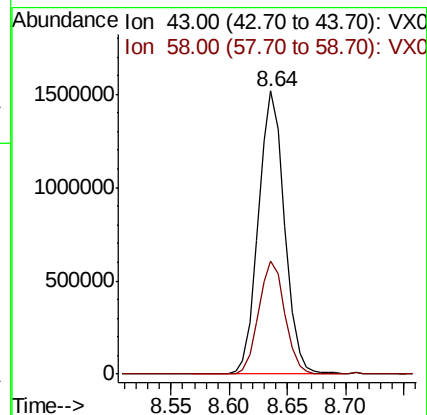
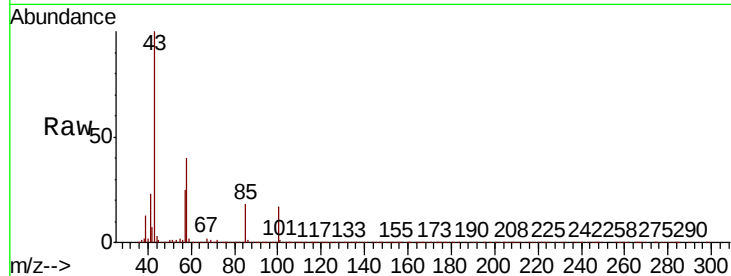
58 40.1 32.1 48.1

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#52

Toluene

Concen: 49.117 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX013866.D

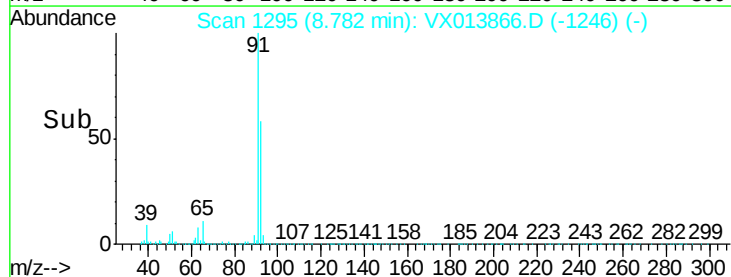
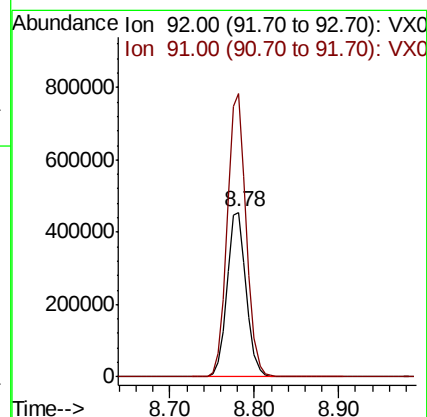
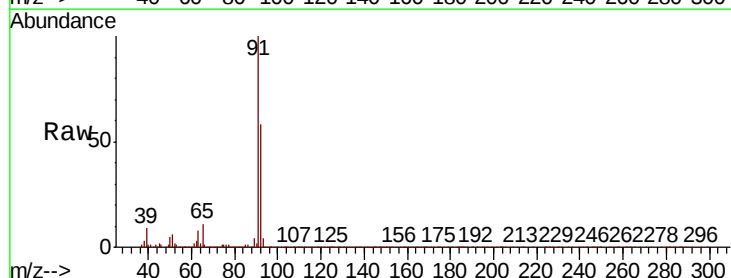
Acq: 09 Dec 2019 21:14

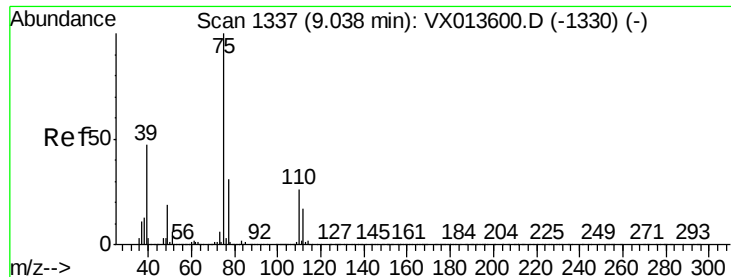
Tgt Ion: 92 Resp: 711089

Ion Ratio Lower Upper

92 100

91 170.8 136.2 204.2





#53

t-1,3-Dichloropropene

Concen: 47.640 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX013866.D

Acq: 09 Dec 2019 21:14

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20191204MS

Tot Ion: 75 Resp: 405954

Ion Ratio Lower Upper

75 100

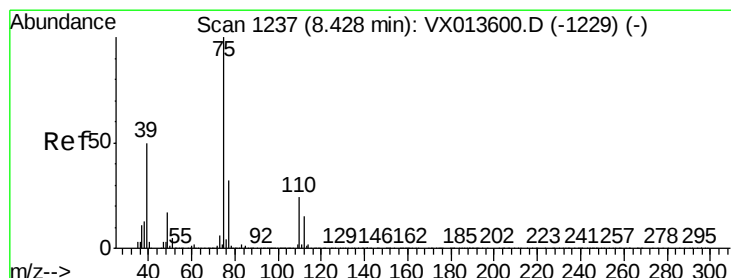
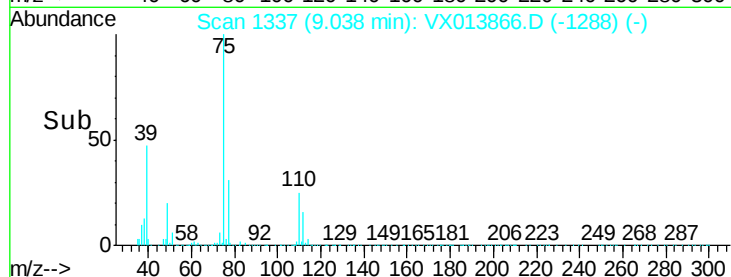
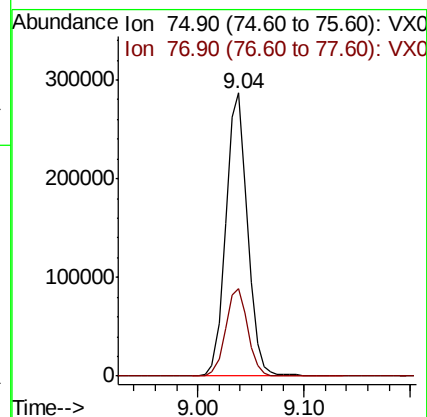
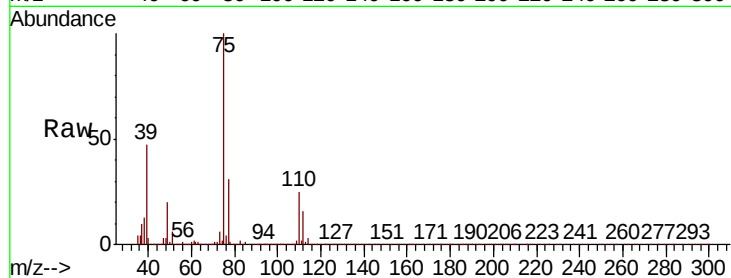
77 30.8 24.4 36.6

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#54

cis-1,3-Dichloropropene

Concen: 48.801 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX013866.D

Acq: 09 Dec 2019 21:14

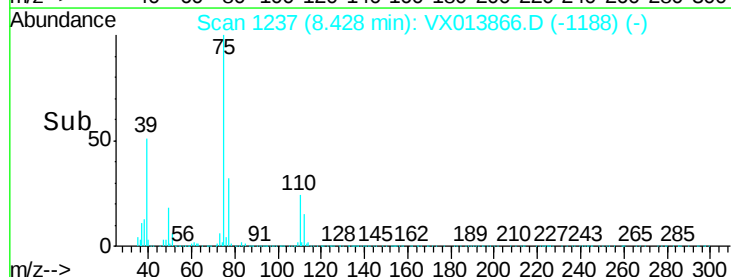
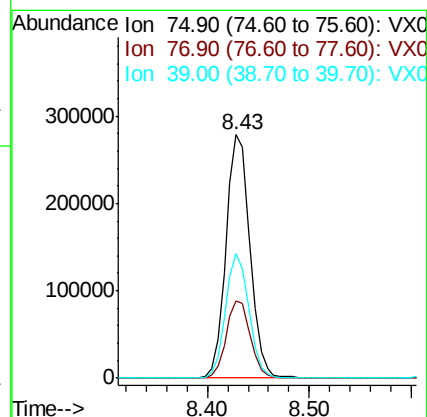
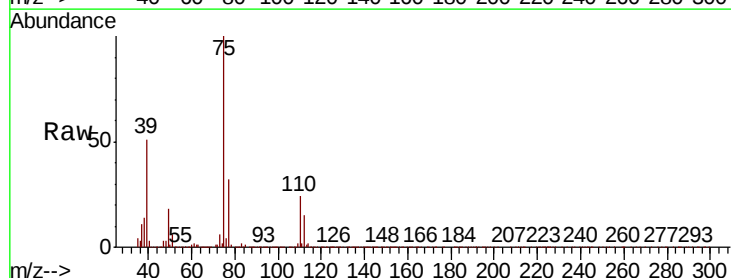
Tgt Ion: 75 Resp: 454322

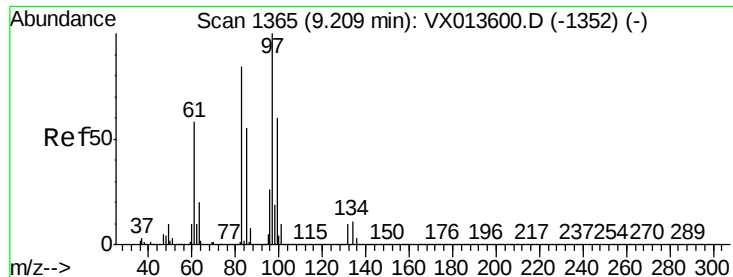
Ion Ratio Lower Upper

75 100

77 31.7 25.8 38.6

39 51.1 39.9 59.9





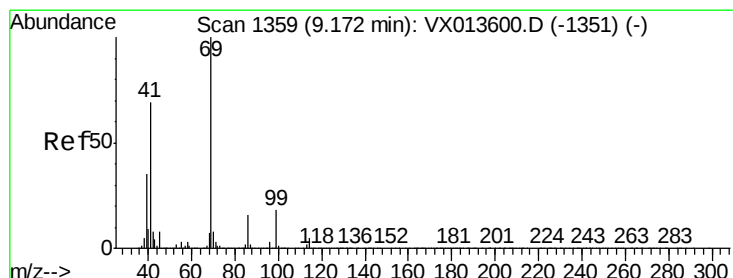
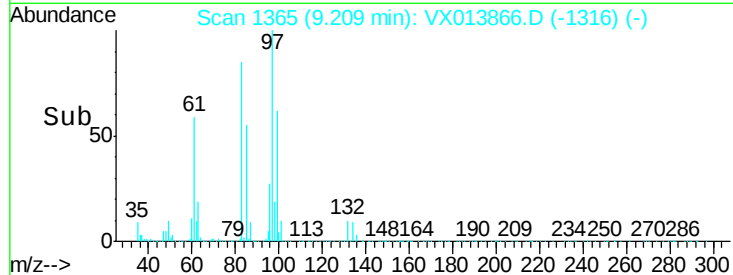
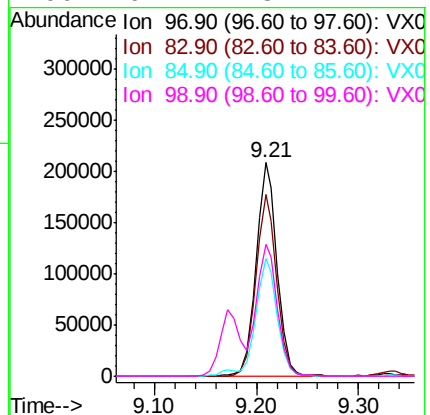
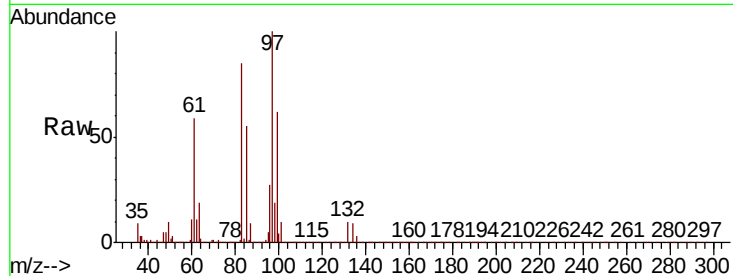
#55
 1,1,2-Trichloroethane
 Concen: 51.464 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013866.D
 Acq: 09 Dec 2019 21:14

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20191204MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		300252		
83	85.1	67.3	100.9		
85	55.0	43.6	65.4		
99	61.7	48.2	72.4		

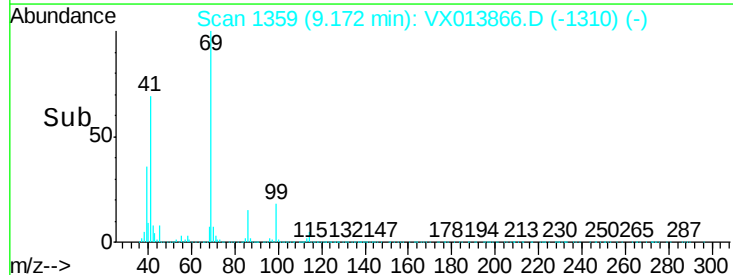
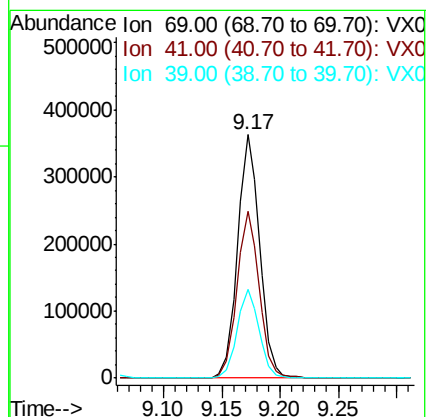
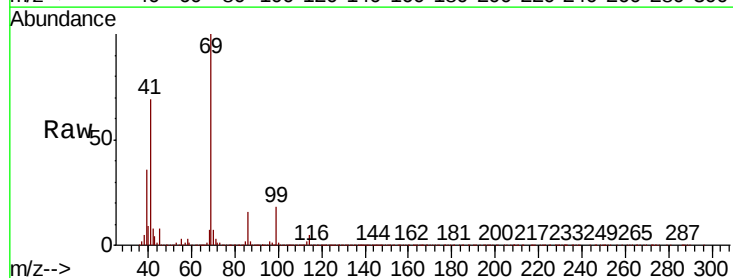
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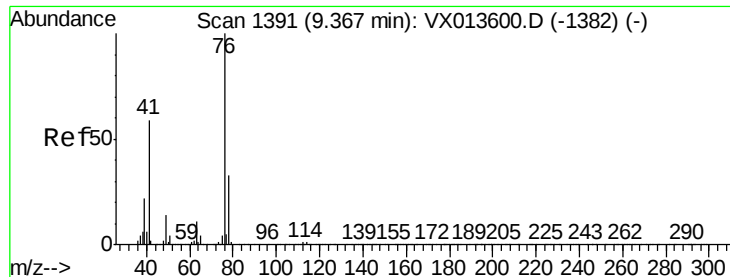
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#56
 Ethyl methacrylate
 Concen: 51.288 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX013866.D
 Acq: 09 Dec 2019 21:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		481076		
41	68.4	55.0	82.4		
39	35.9	28.7	43.1		





#57

1,3-Dichloropropane

Concen: 50.490 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013866.D

Acq: 09 Dec 2019 21:14

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20191204MS

Tot Ion: 76 Resp: 507737

Ion Ratio Lower Upper

76 100

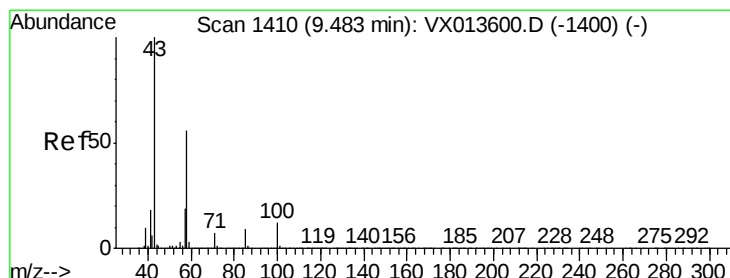
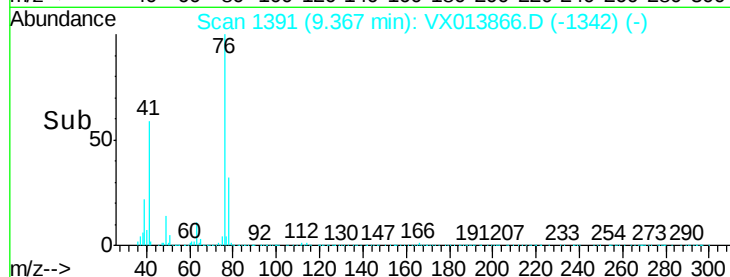
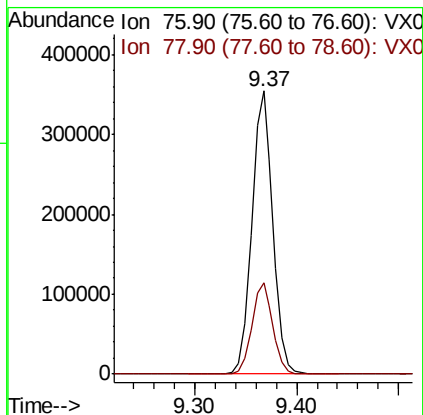
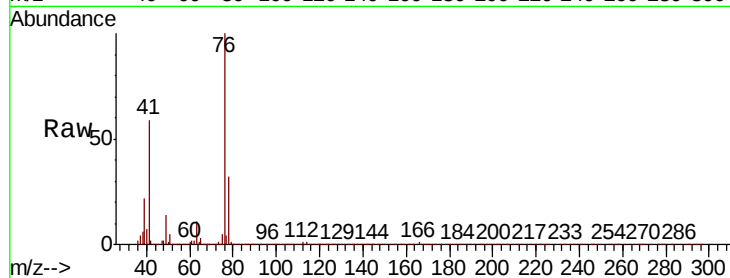
78 31.9 26.0 39.0

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#59

2-Hexanone

Concen: 267.241 ug/l

RT: 9.49 min Scan# 1411

Delta R.T. 0.01 min

Lab File: VX013866.D

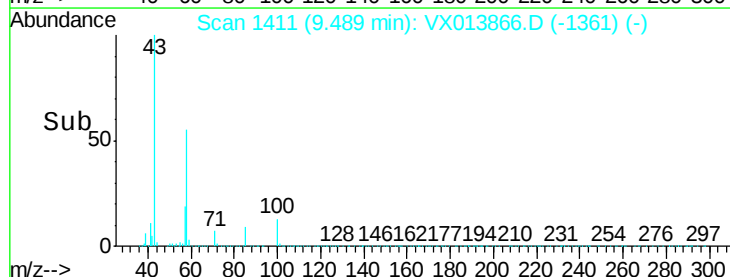
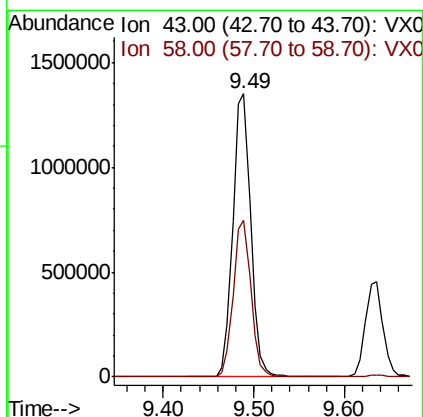
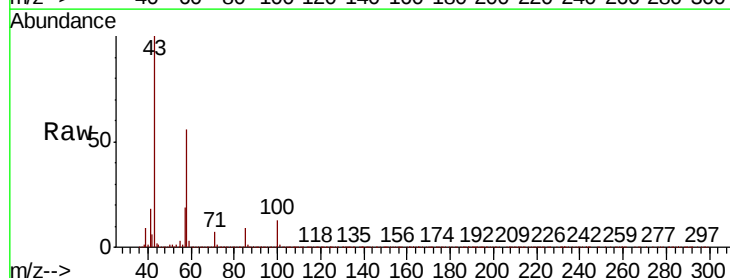
Acq: 09 Dec 2019 21:14

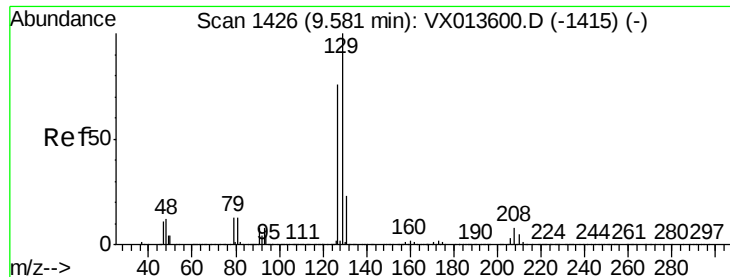
Tgt Ion: 43 Resp: 1852775

Ion Ratio Lower Upper

43 100

58 55.0 28.1 84.4





#60

Dibromochloromethane

Concen: 51.365 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.01 min

Lab File: VX013866.D

Acq: 09 Dec 2019 21:14

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20191204MS

Tot Ion:129 Resp: 310997

Ion Ratio Lower Upper

129 100

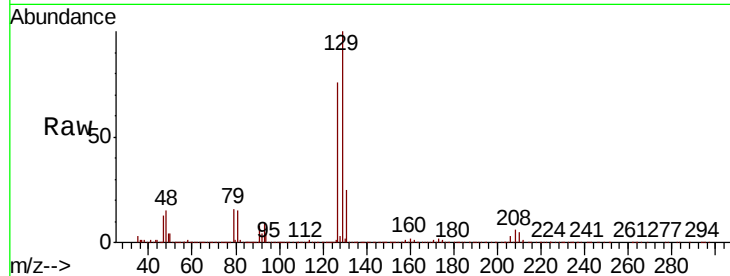
127 76.6 38.5 115.5

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.57

200000

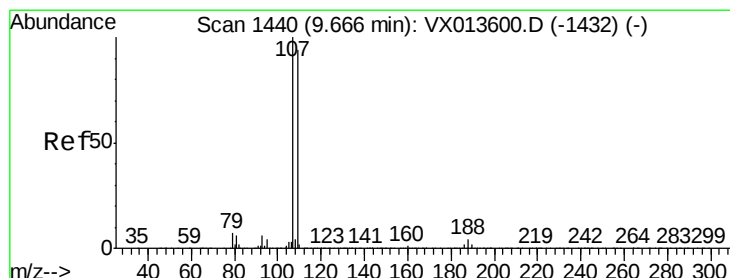
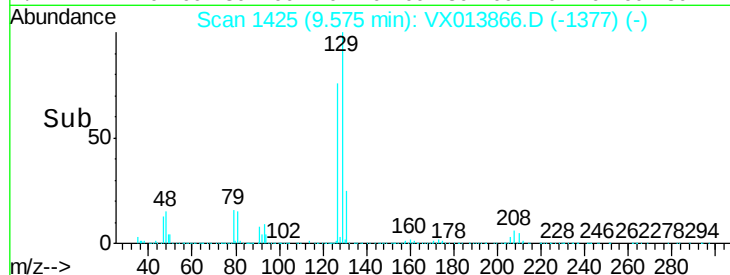
150000

100000

50000

0

Time-->



#61

1,2-Dibromoethane

Concen: 49.867 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013866.D

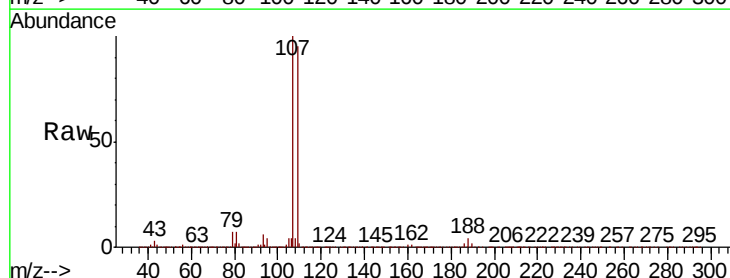
Acq: 09 Dec 2019 21:14

Tgt Ion:107 Resp: 310728

Ion Ratio Lower Upper

107 100

109 94.1 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

250000

200000

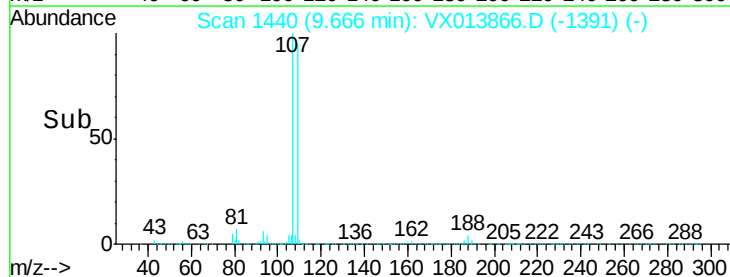
150000

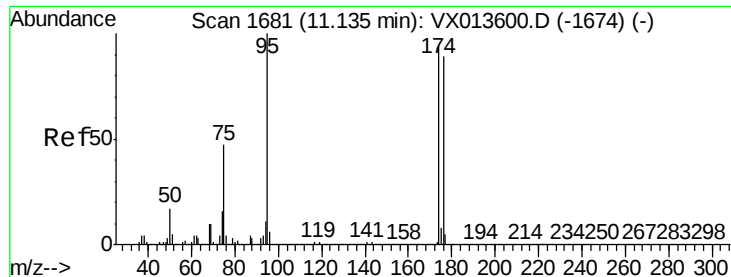
100000

50000

0

Time-->





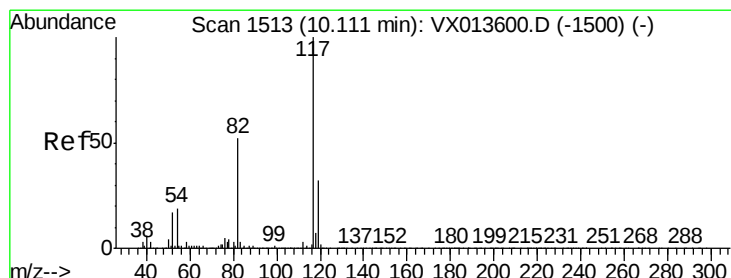
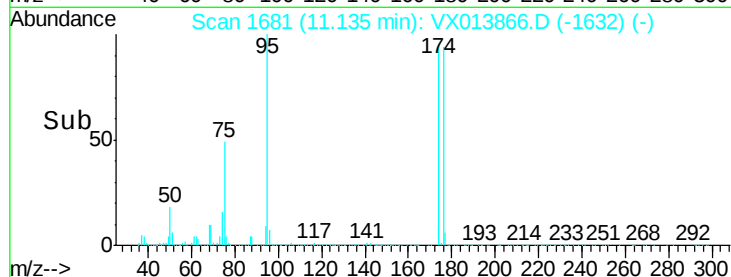
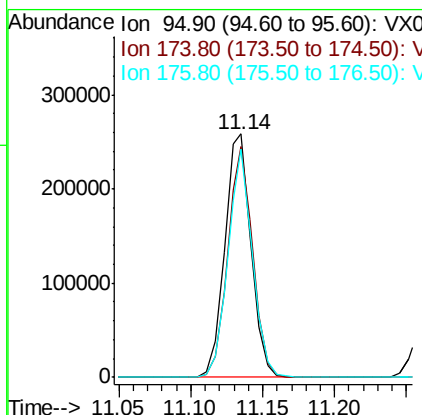
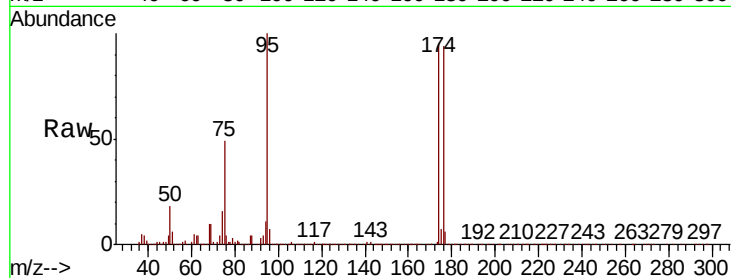
#62
4-Bromofluorobenzene
Concen: 45.172 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX013866.D
Acq: 09 Dec 2019 21:14

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191204MS

Tot Ion	Ratio	Resp	Lower	Upper
95	100	330717		
174	90.3	0.0	180.0	
176	87.0	0.0	173.6	

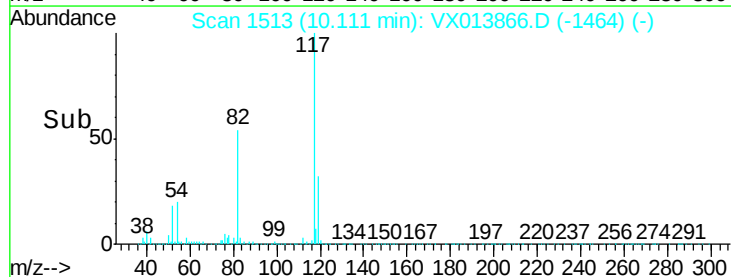
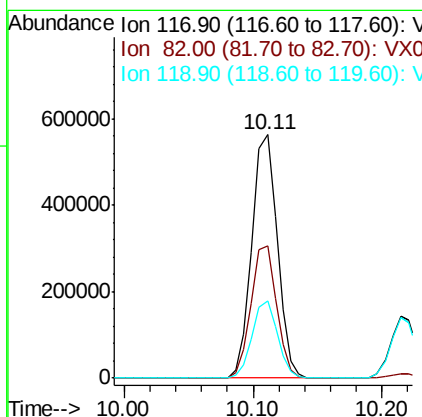
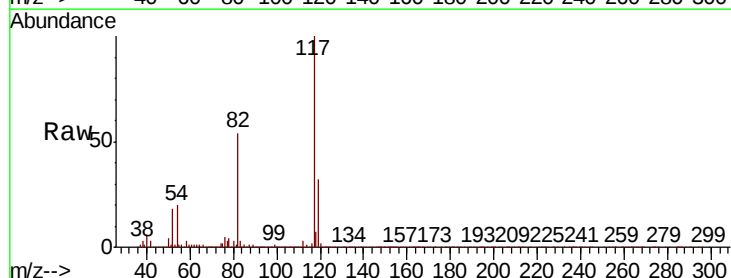
Manual Integrations
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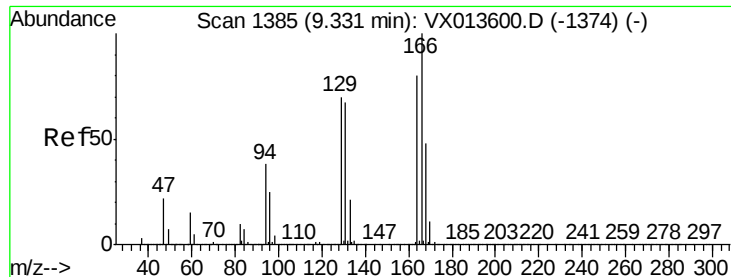
apatel
12/11/2019 8:54:36 AM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013866.D
Acq: 09 Dec 2019 21:14

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	765925		
82	54.2	41.8	62.8	
119	31.7	25.8	38.8	





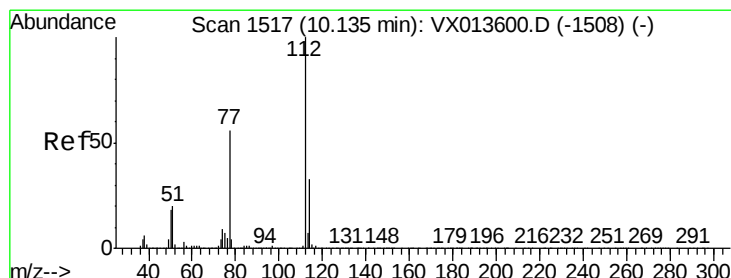
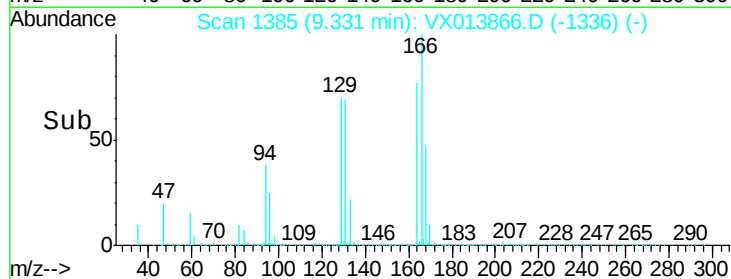
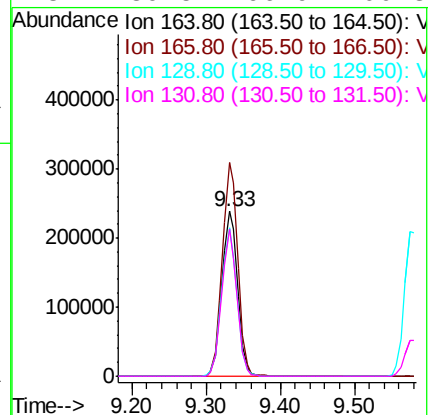
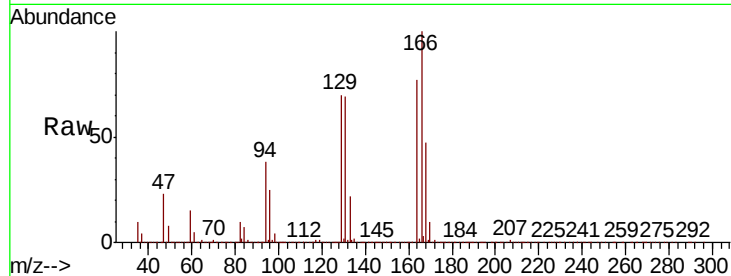
#64
Tetrachloroethene
Concen: 60.530 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013866.D
Acq: 09 Dec 2019 21:14

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191204MS

Tot Ion	Ratio	Lower	Upper
164	100		
166	129.8	99.7	149.5
129	90.4	70.1	105.1
131	89.5	66.9	100.3

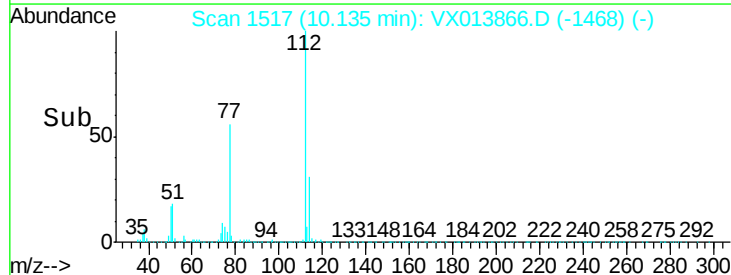
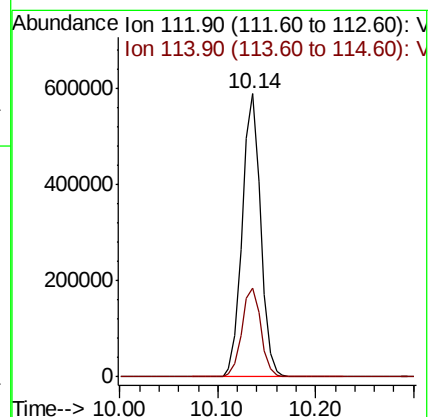
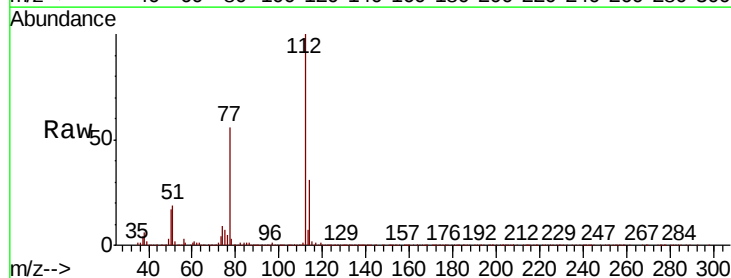
Manual Integrations
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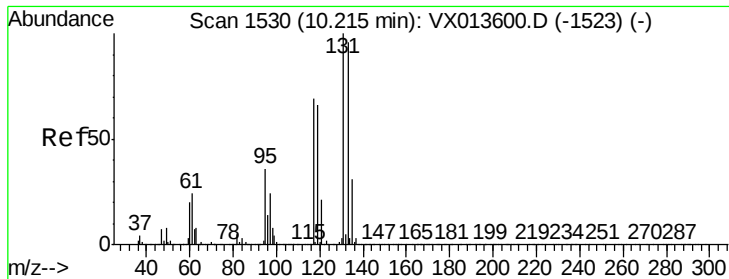
apatel
12/11/2019 8:54:36 AM



#65
Chlorobenzene
Concen: 48.337 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013866.D
Acq: 09 Dec 2019 21:14

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.5	26.1	39.1





#66

1,1,1,2-Tetrachloroethane

Concen: 50.227 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX013866.D

Acq: 09 Dec 2019 21:14

Instrument :

MSVOA_X

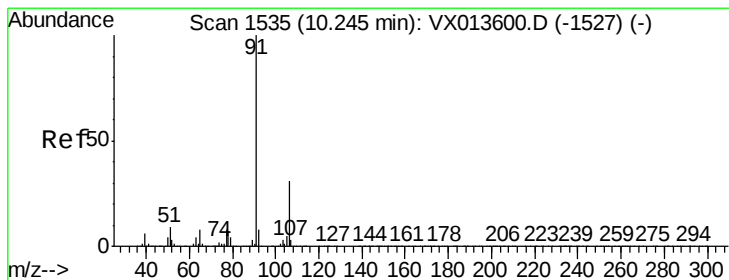
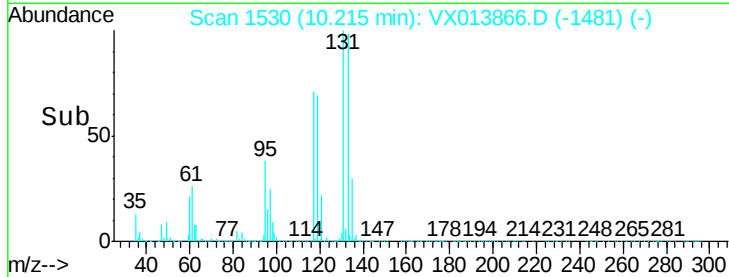
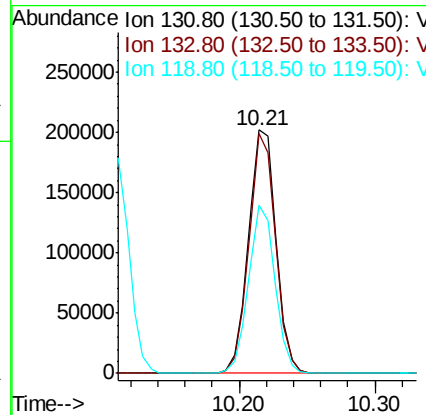
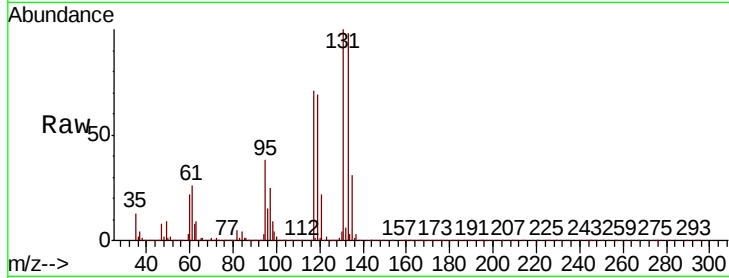
ClientSampleId :

RE131D2-20191204MS

Tot Ion:	131	Resp:	286812
Ion Ratio	Lower	Upper	
131	100		
133	95.0	47.7	143.1
119	66.3	32.9	98.6

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#67

Ethyl Benzene

Concen: 48.959 ug/l

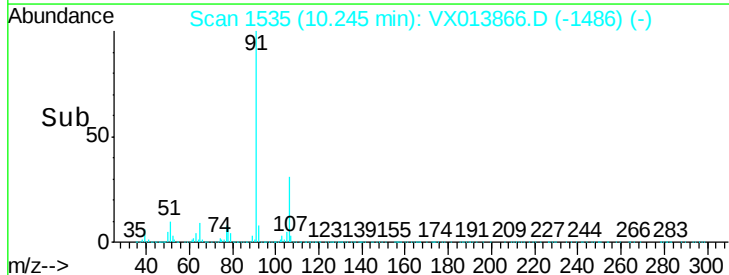
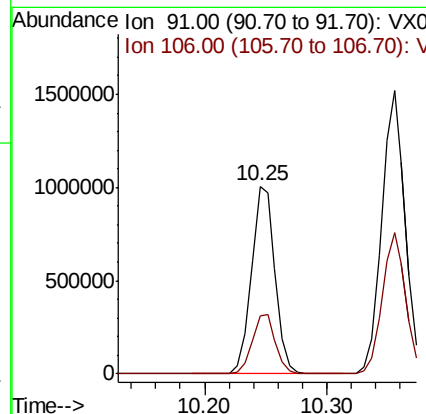
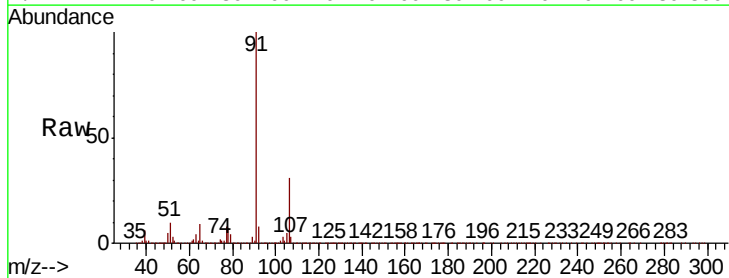
RT: 10.25 min Scan# 1535

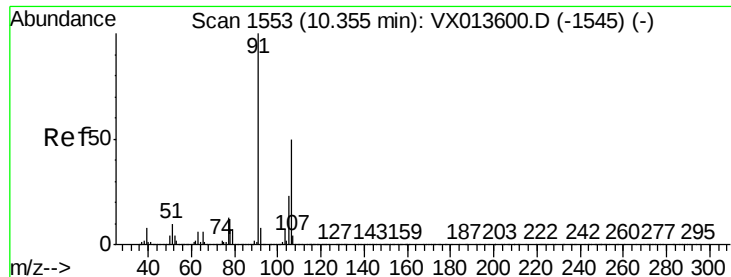
Delta R.T. -0.00 min

Lab File: VX013866.D

Acq: 09 Dec 2019 21:14

Tgt Ion:	91	Resp:	1337857
Ion Ratio	Lower	Upper	
91	100		
106	31.1	24.5	36.7





#68

m/p-Xvlenes

Concen: 96.474 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013866.D

Acq: 09 Dec 2019 21:14

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20191204MS

Tot Ion:106 Resp: 1009309

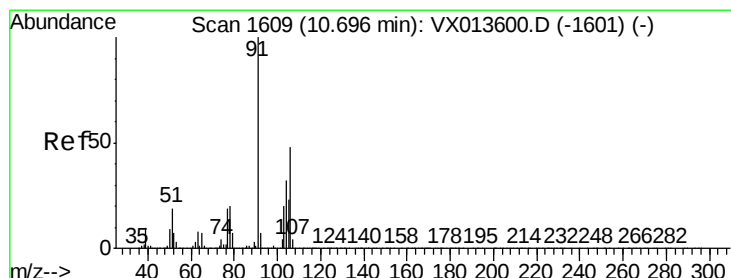
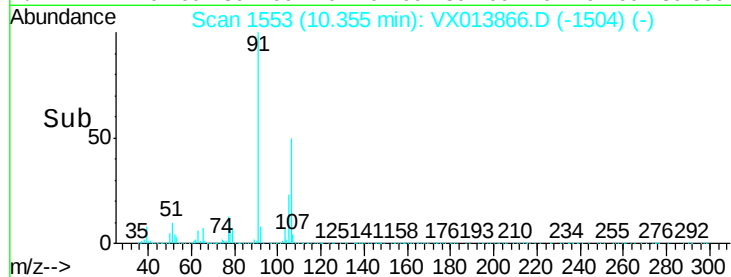
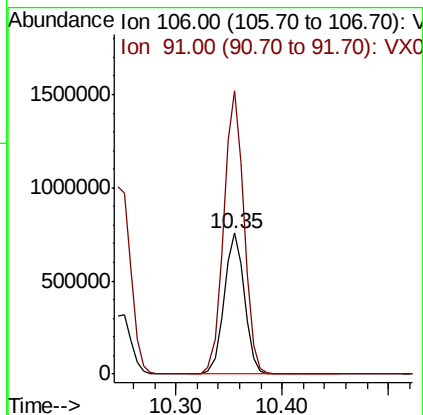
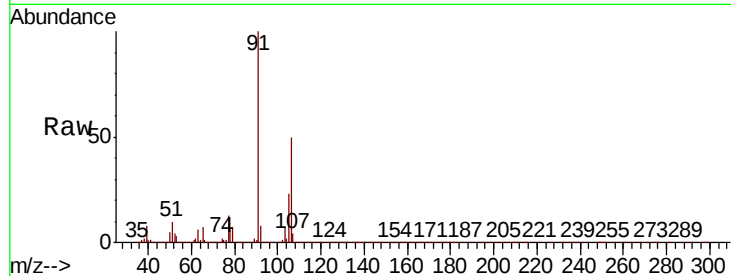
Ion Ratio Lower Upper

106 100

91 199.3 159.0 238.4

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#69

o-Xylene

Concen: 48.918 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. -0.00 min

Lab File: VX013866.D

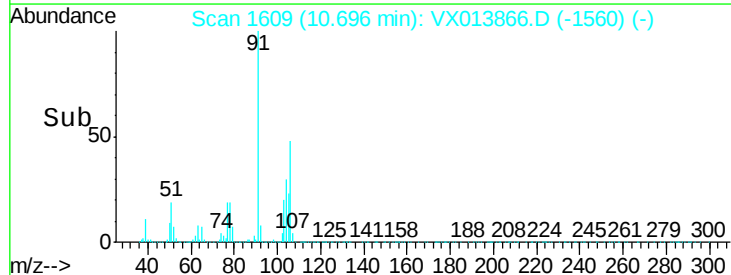
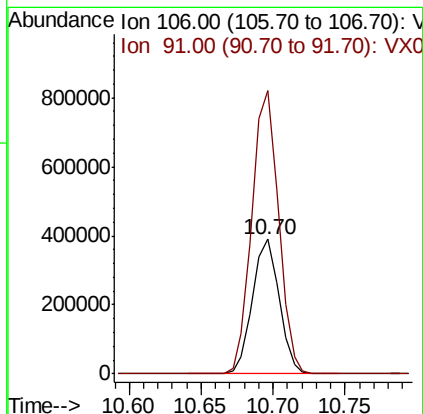
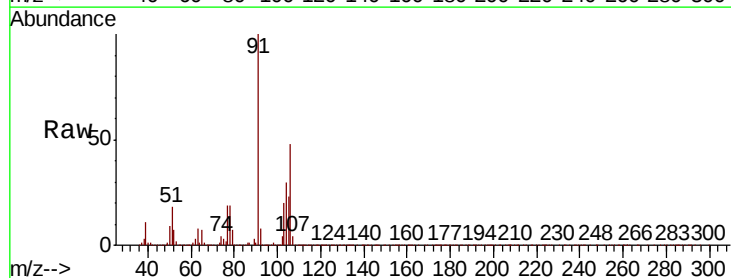
Acq: 09 Dec 2019 21:14

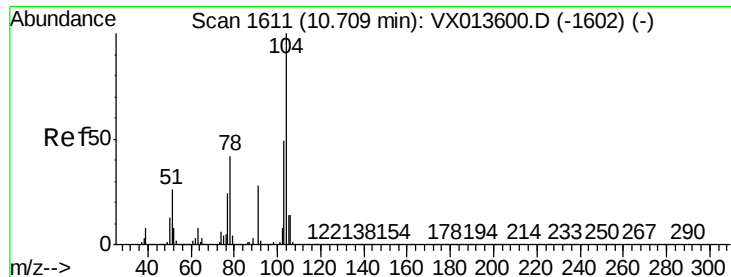
Tgt Ion:106 Resp: 499140

Ion Ratio Lower Upper

106 100

91 210.5 104.1 312.2





#70

Stvrene

Concen: 49.464 ug/l

RT: 10.71 min Scan# 1611

Delta R.T. -0.00 min

Lab File: VX013866.D

Acq: 09 Dec 2019 21:14

Instrument :

MSVOA_X

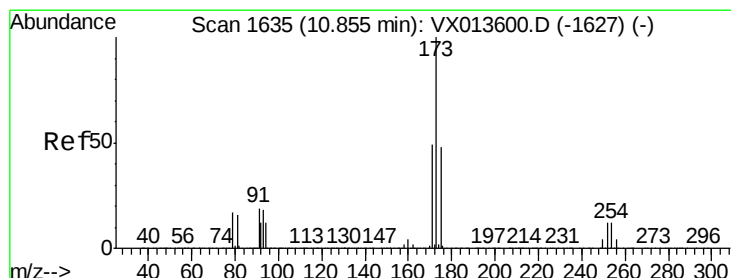
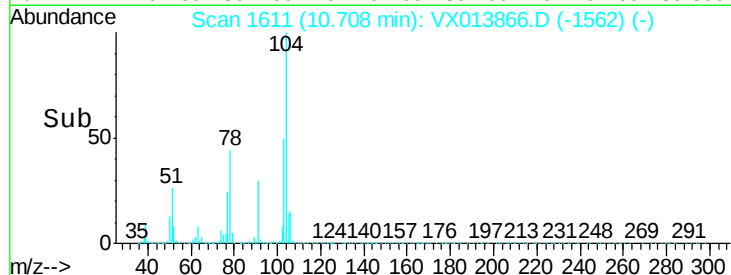
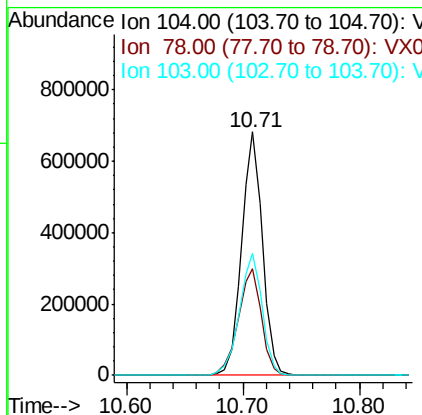
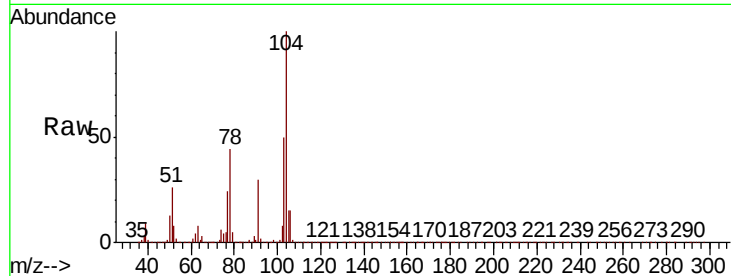
ClientSampleId :

RE131D2-20191204MS

Tot Ion:	104	Resp:	848999
Ion Ratio	Lower	Upper	
104	100		
78	49.0	38.5	57.7
103	54.7	43.7	65.5

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#71

Bromoform

Concen: 50.462 ug/l

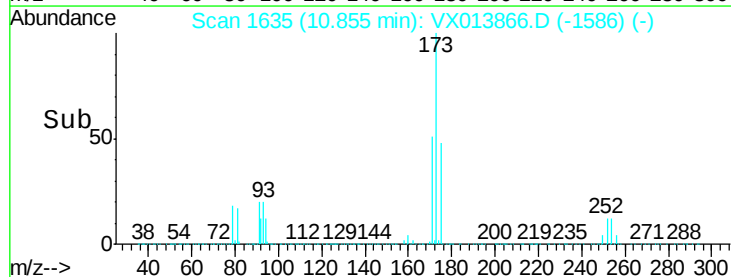
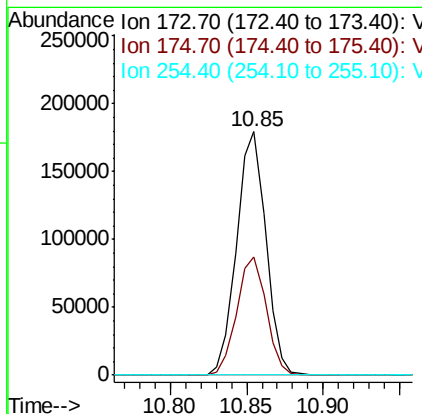
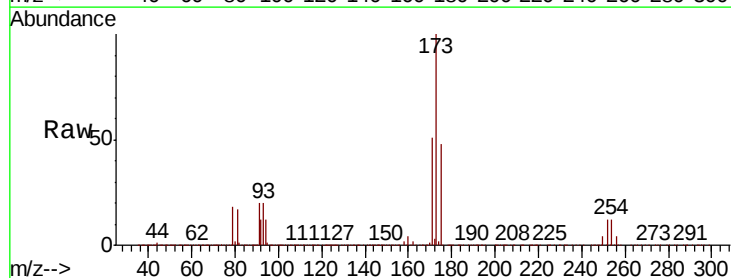
RT: 10.85 min Scan# 1635

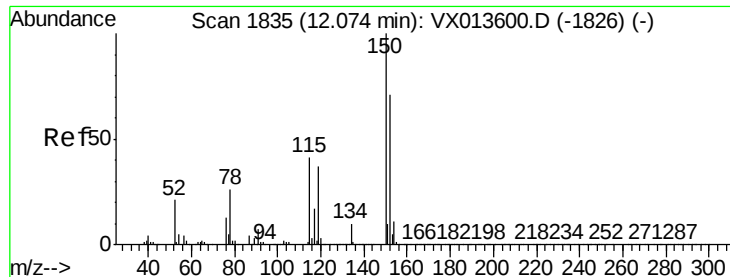
Delta R.T. -0.00 min

Lab File: VX013866.D

Acq: 09 Dec 2019 21:14

Tgt Ion:	173	Resp:	238425
Ion Ratio	Lower	Upper	
173	100		
175	49.1	24.3	72.8
254	0.2	0.2	0.4#





#72

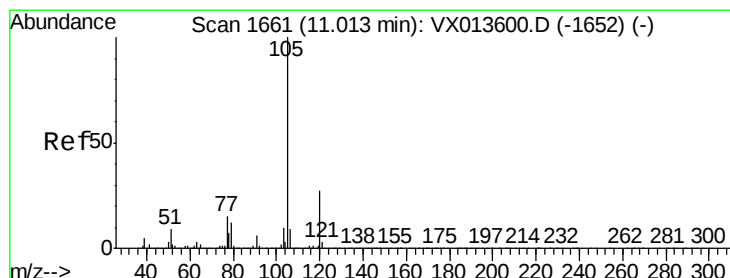
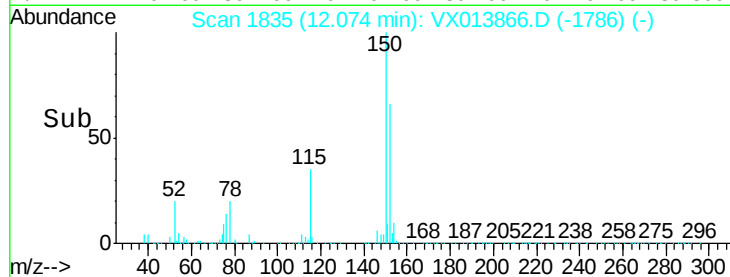
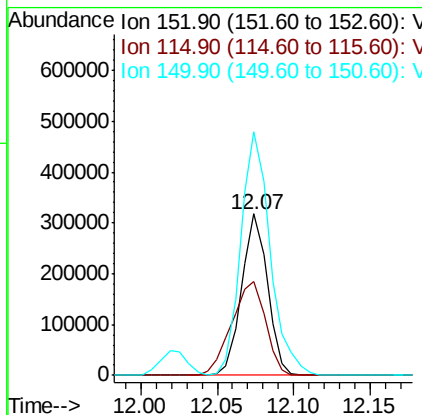
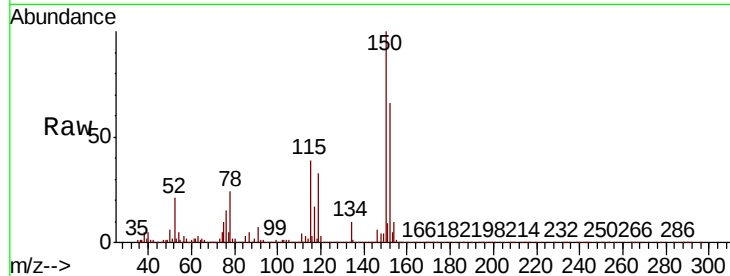
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013866.D
Acq: 09 Dec 2019 21:14

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191204MS

Tot Ion	Ratio	Lower	Upper
152	100		
115	76.2	38.4	115.1
150	171.0	0.0	346.8

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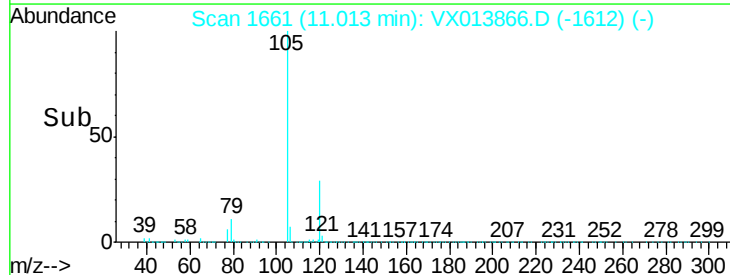
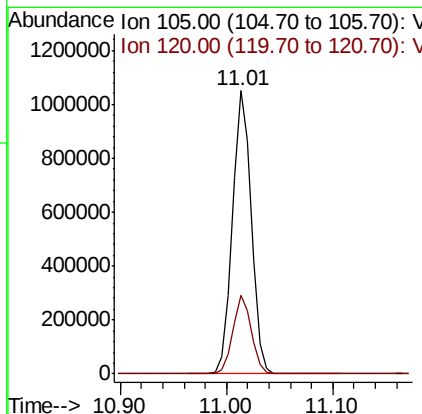
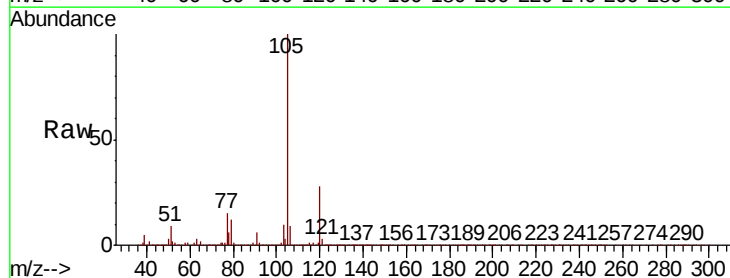
apatel
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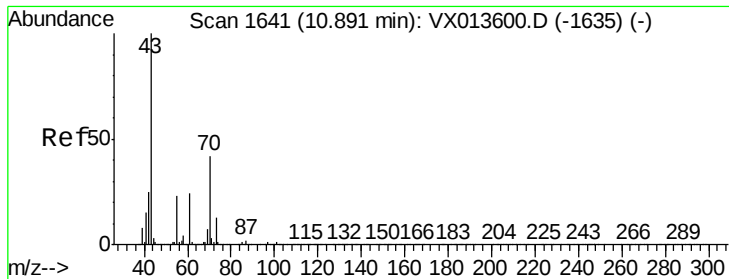


#73

Isopropylbenzene
Concen: 49.810 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX013866.D
Acq: 09 Dec 2019 21:14

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.3	13.5	40.5





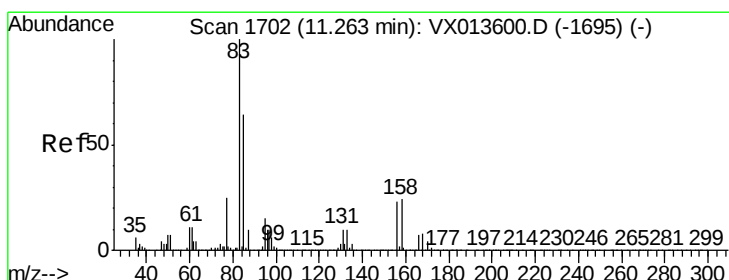
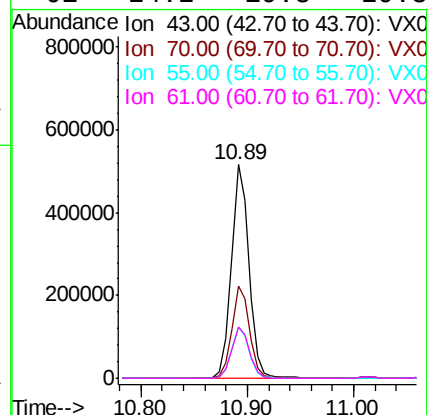
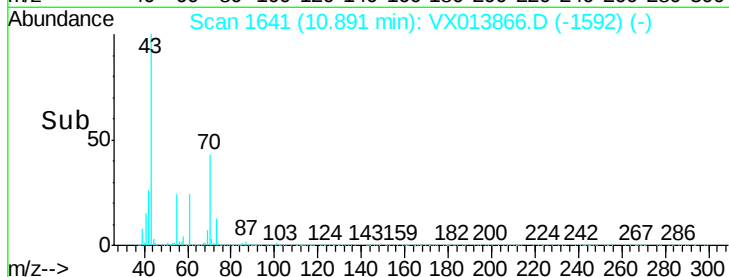
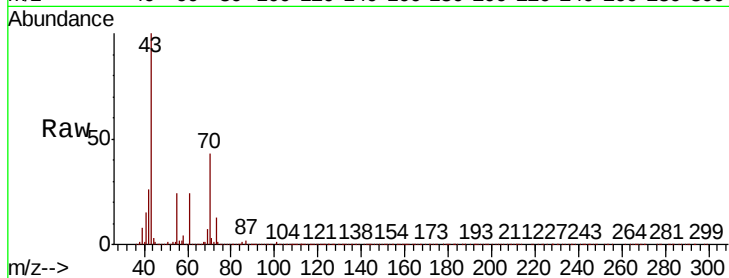
#74
N-amvl acetate
Concen: 49.836 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. -0.00 min
Lab File: VX013866.D
Acq: 09 Dec 2019 21:14

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191204MS

Tot Ion	Ratio	Resp	Lower	Upper
43	100	598163		
70	43.3		34.3	51.5
55	24.4		18.5	27.7
61	24.2		19.8	29.8

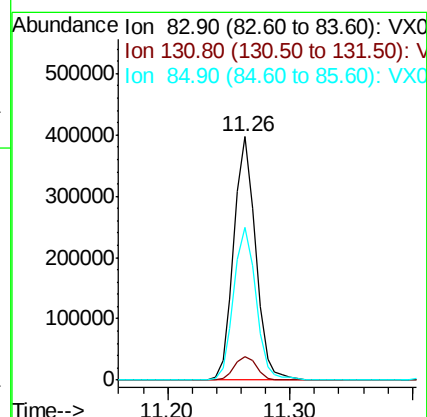
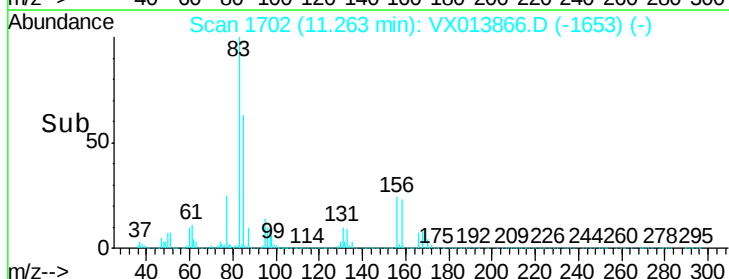
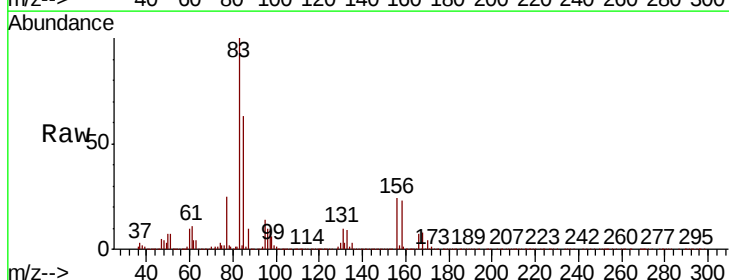
Manual Integrations
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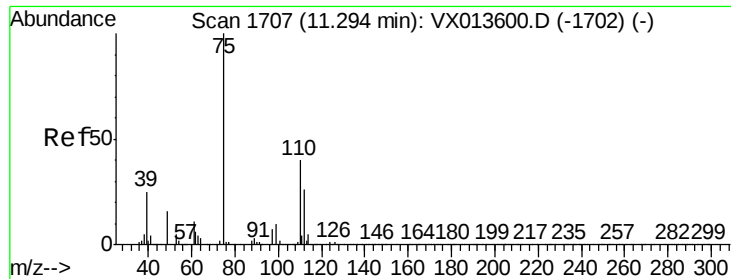
apatel
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#75
1,1,2,2-Tetrachloroethane
Concen: 53.889 ug/l
RT: 11.26 min Scan# 1702
Delta R.T. -0.00 min
Lab File: VX013866.D
Acq: 09 Dec 2019 21:14

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	489663		
131	10.0		5.1	15.3
85	64.1		31.8	95.3





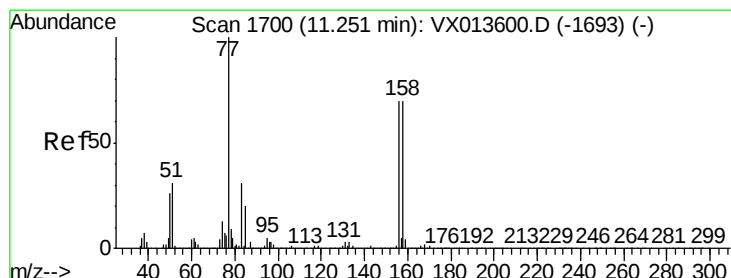
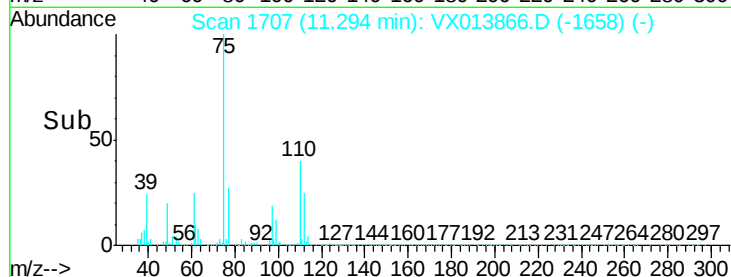
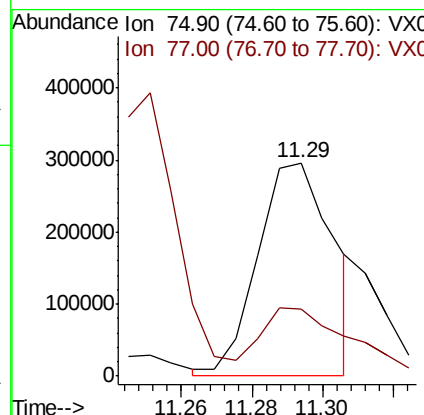
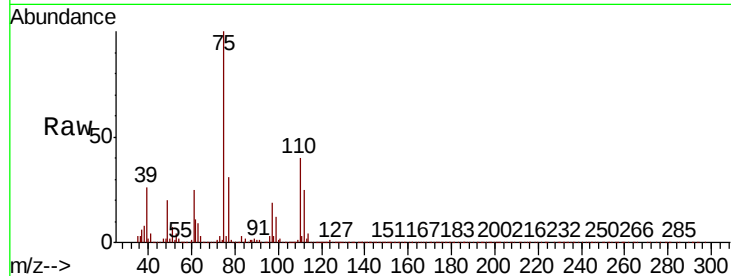
#76
 1,2,3-Trichloropropane
 Concen: 52.483 ug/l m
 RT: 11.29 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX013866.D
 Acq: 09 Dec 2019 21:14

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20191204MS

Tot Ion: 75 Resp: 440926
 Ion Ratio Lower Upper
 75 100
 77 37.7 19.1 57.5

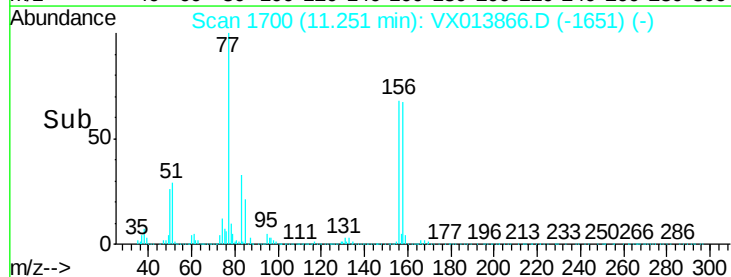
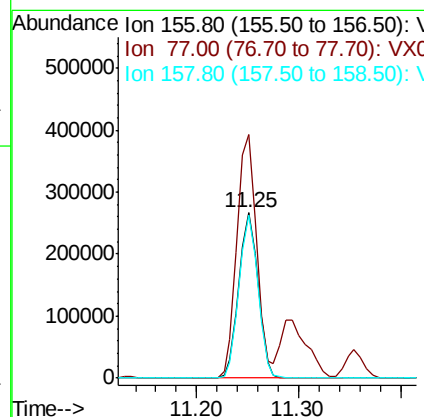
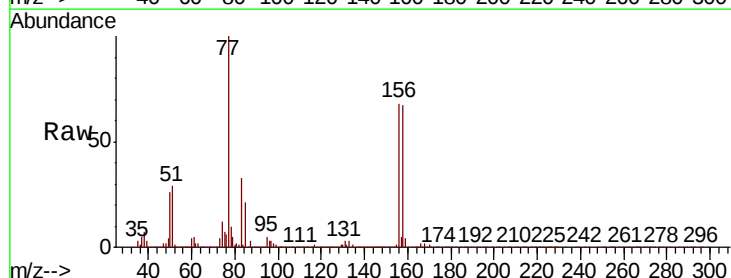
Manual Integrations
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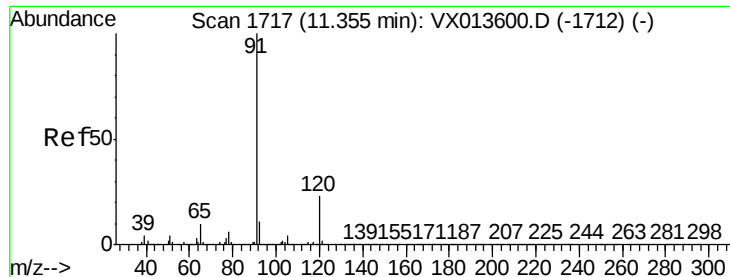
apatel
 12/11/2019 8:54:36 AM



#77
 Bromobenzene
 Concen: 48.897 ug/l
 RT: 11.25 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: VX013866.D
 Acq: 09 Dec 2019 21:14

Tgt Ion: 156 Resp: 346115
 Ion Ratio Lower Upper
 156 100
 77 151.9 74.4 223.1
 158 96.9 48.9 146.6





#78

n-propylbenzene

Concen: 49.249 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013866.D

Acq: 09 Dec 2019 21:14

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20191204MS

Tot Ion: 91 Resp: 1440490

Ion Ratio Lower Upper

91 100

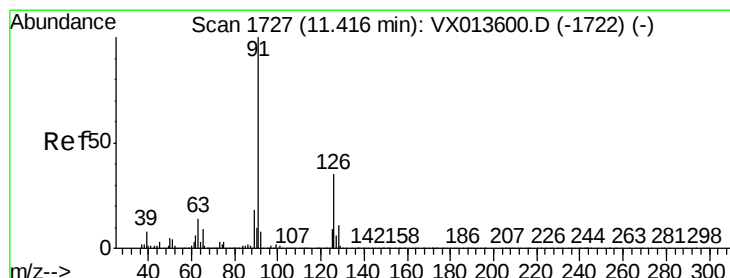
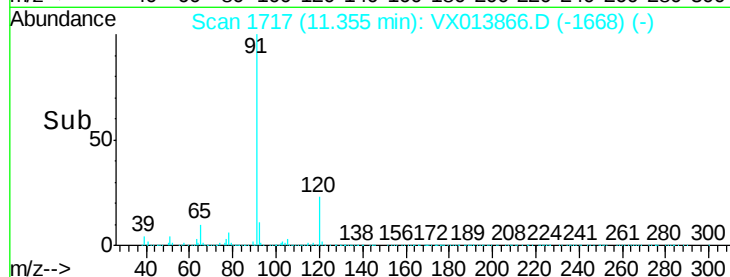
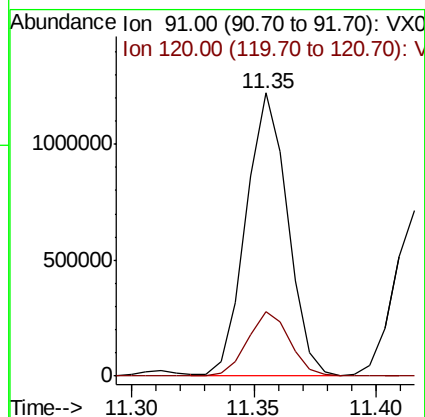
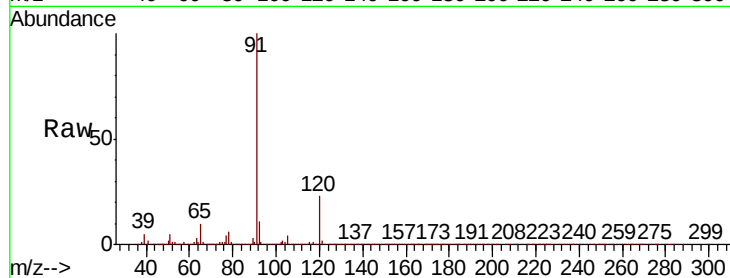
120 23.2 11.8 35.3

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#79

2-Chlorotoluene

Concen: 49.461 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013866.D

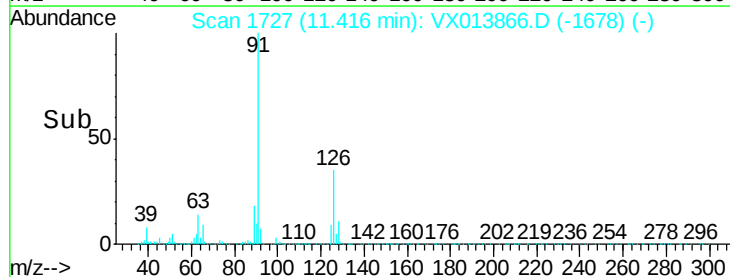
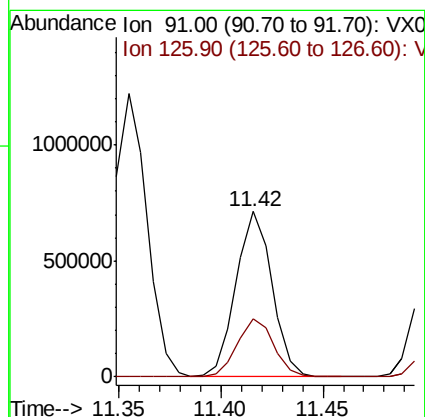
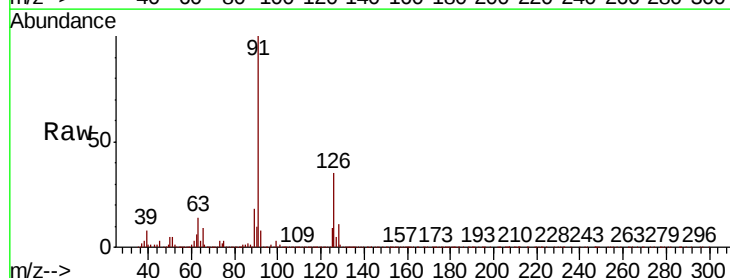
Acq: 09 Dec 2019 21:14

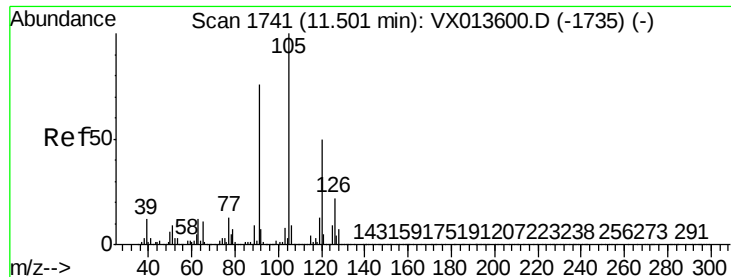
Tgt Ion: 91 Resp: 867829

Ion Ratio Lower Upper

91 100

126 35.6 17.5 52.5





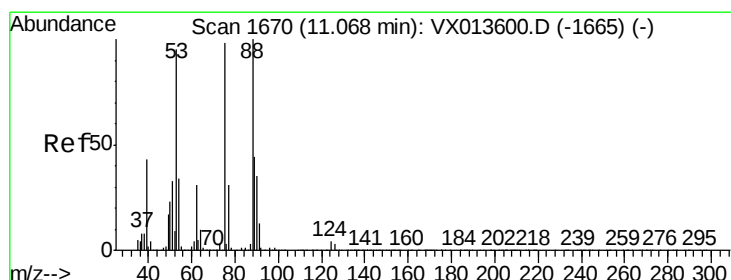
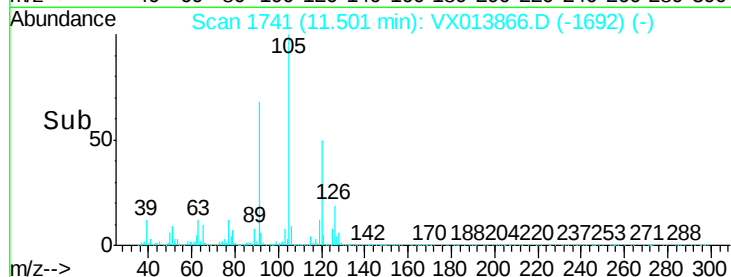
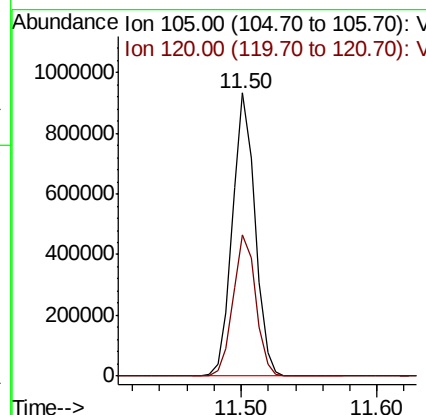
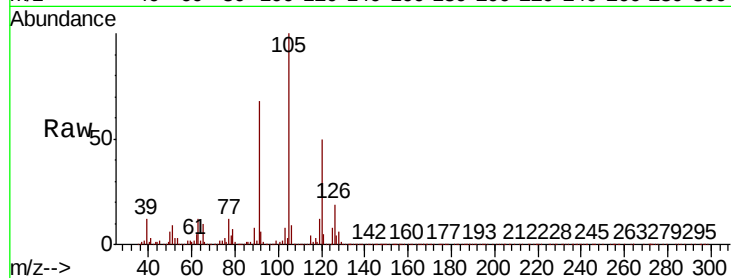
#80
 1,3,5-Trimethylbenzene
 Concen: 49.828 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX013866.D
 Acq: 09 Dec 2019 21:14

Instrument :
 MSVOA_X
 ClientSampled :
 RE131D2-20191204MS

Tot Ion:105 Resp: 1070036
 Ion Ratio Lower Upper
 105 100
 120 50.3 25.3 75.9

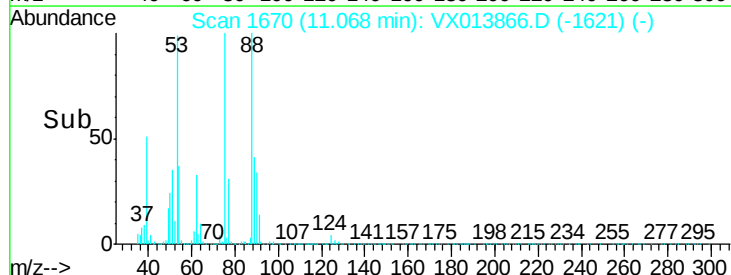
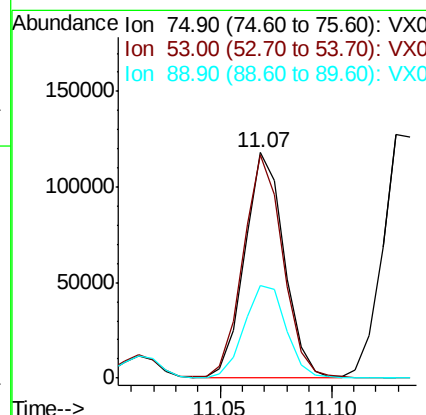
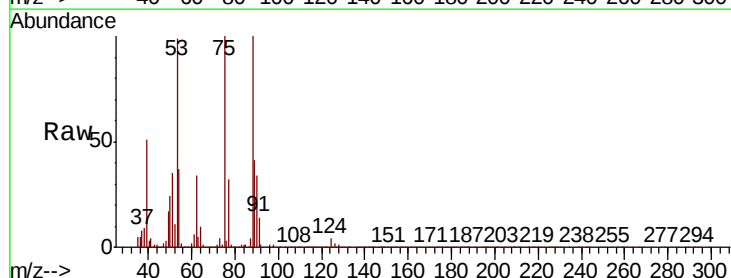
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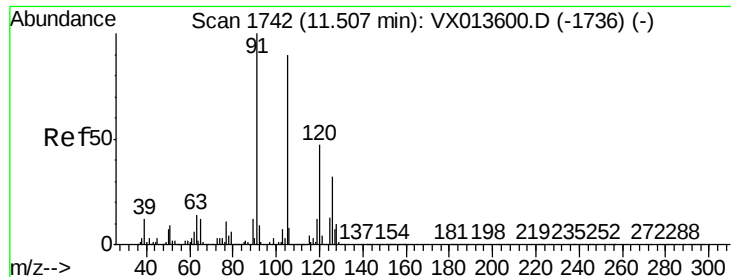
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 47.215 ug/l
 RT: 11.07 min Scan# 1670
 Delta R.T. -0.00 min
 Lab File: VX013866.D
 Acq: 09 Dec 2019 21:14

Tgt Ion: 75 Resp: 144991
 Ion Ratio Lower Upper
 75 100
 53 99.1 78.2 117.2
 89 44.4 35.4 53.2





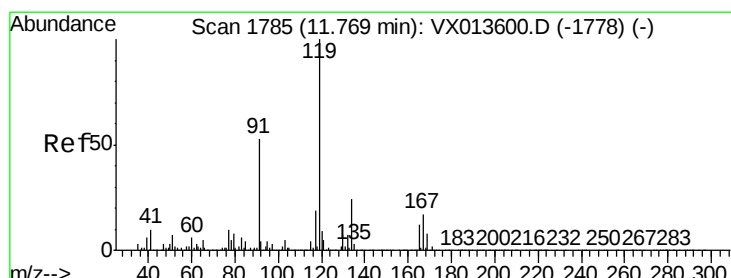
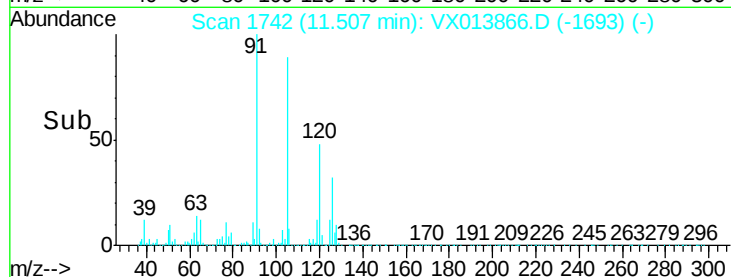
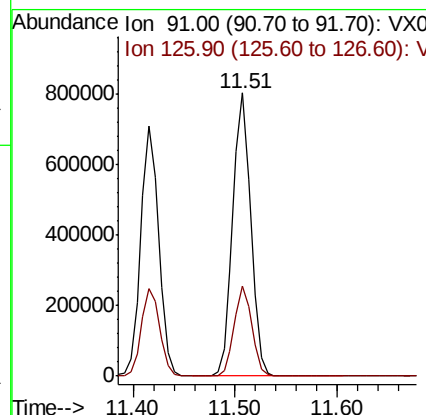
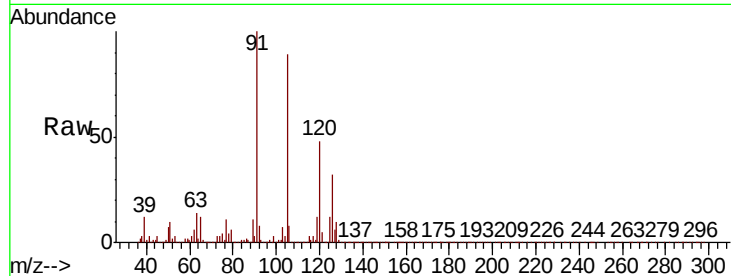
#82
4-Chlorotoluene
Concen: 48.429 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX013866.D
Acq: 09 Dec 2019 21:14

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191204MS

Tot Ion: 91 Resp: 984167
Ion Ratio Lower Upper
91 100
126 31.0 15.7 47.0

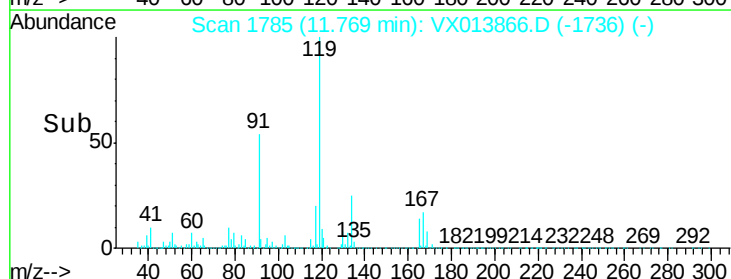
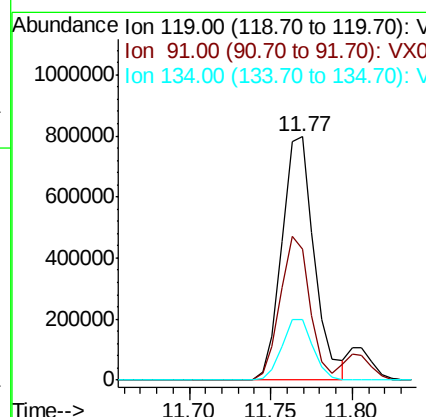
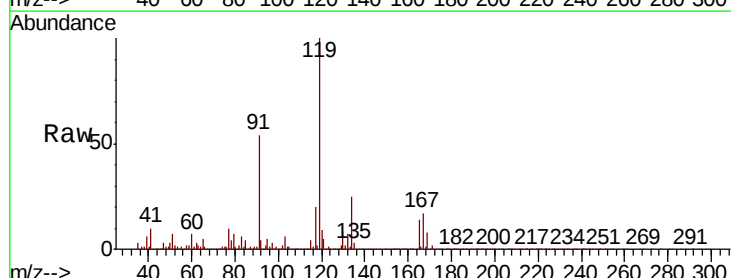
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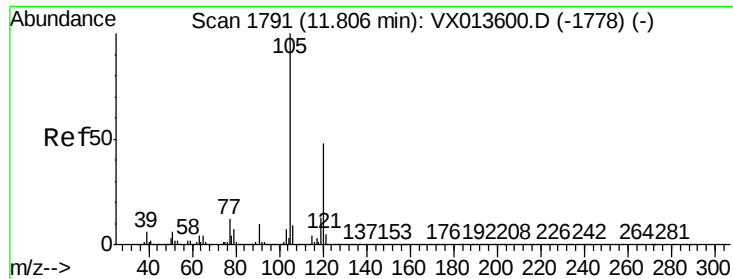
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#83
tert-Butylbenzene
Concen: 50.628 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. -0.00 min
Lab File: VX013866.D
Acq: 09 Dec 2019 21:14

Tgt Ion: 119 Resp: 1104931
Ion Ratio Lower Upper
119 100
91 54.0 27.2 81.6
134 23.8 11.7 35.1





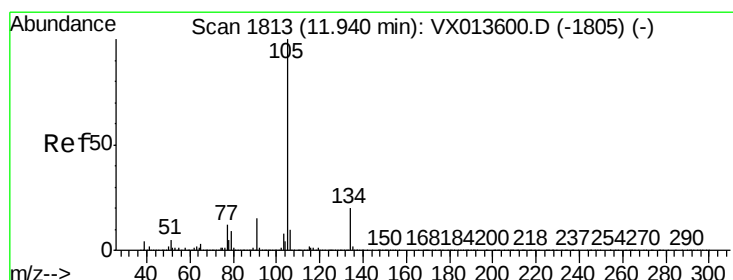
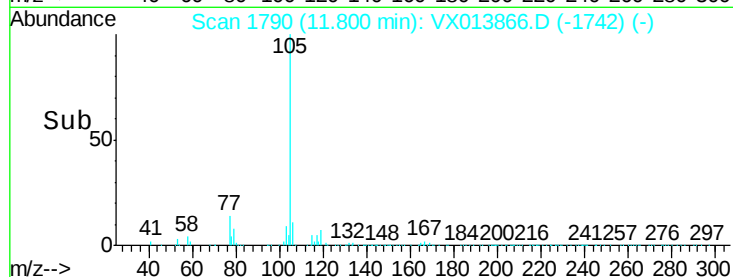
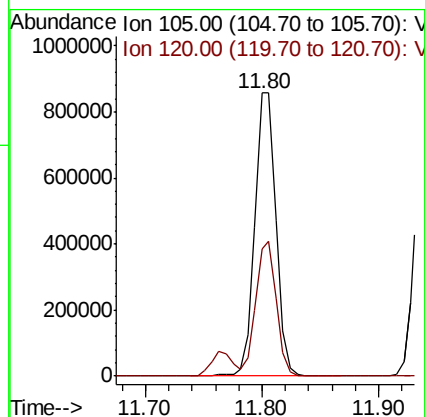
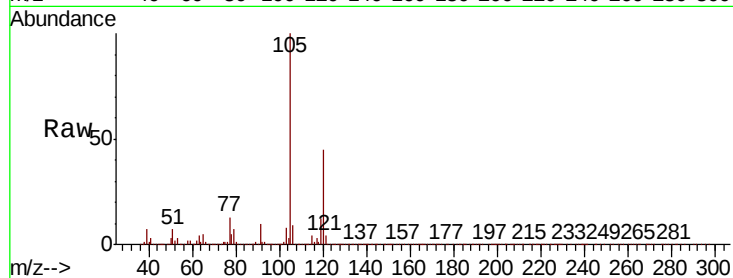
#84
 1,2,4-Trimethylbenzene
 Concen: 49.853 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX013866.D
 Acq: 09 Dec 2019 21:14

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20191204MS

Tot Ion:105 Resp: 1086519
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.1 69.3

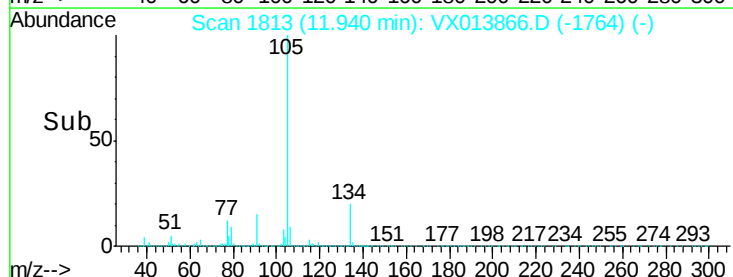
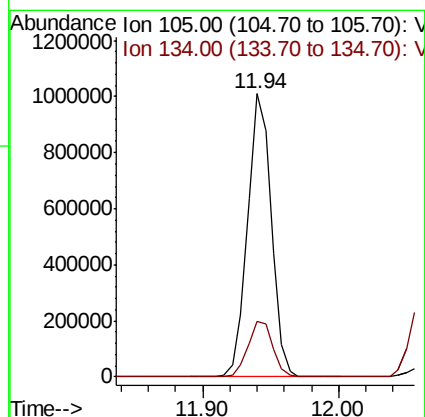
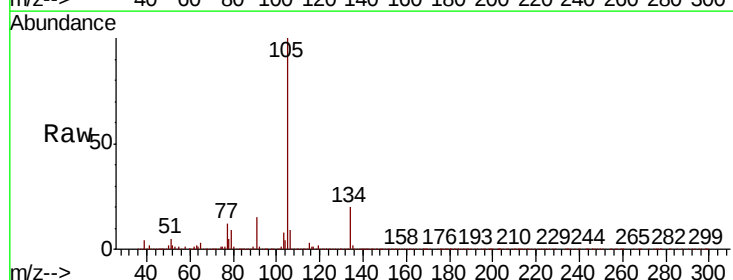
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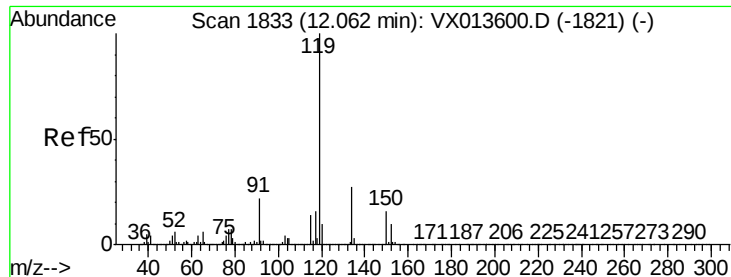
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#85
 sec-Butylbenzene
 Concen: 49.495 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX013866.D
 Acq: 09 Dec 2019 21:14

Tgt Ion:105 Resp: 1233814
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.4 31.2





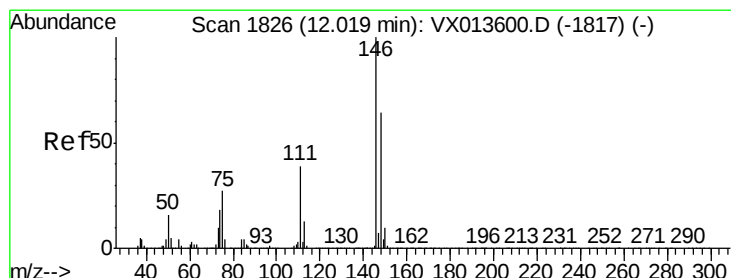
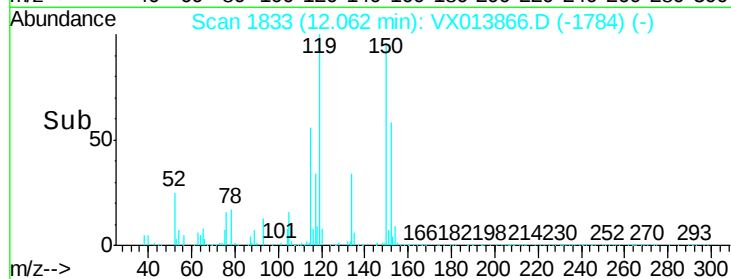
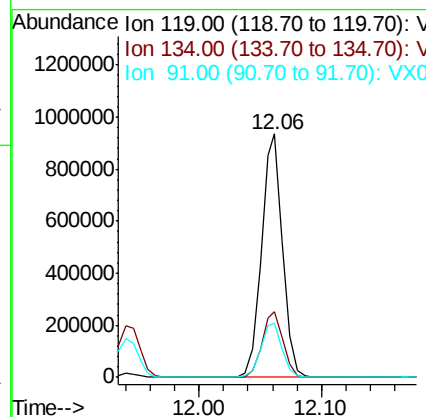
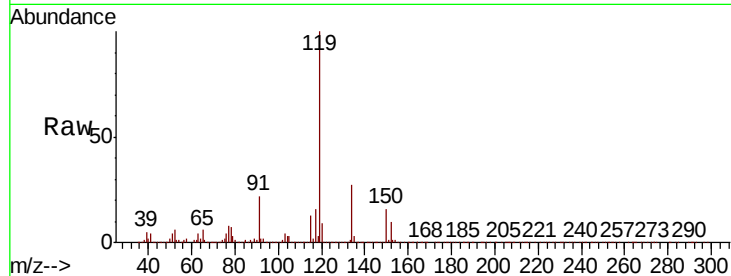
#86
p-Isopropyltoluene
Concen: 48.202 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VX013866.D
Acq: 09 Dec 2019 21:14

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191204MS

Tot Ion	Ratio	Lower	Upper
119	100		
134	27.1	13.3	39.9
91	22.7	11.3	33.8

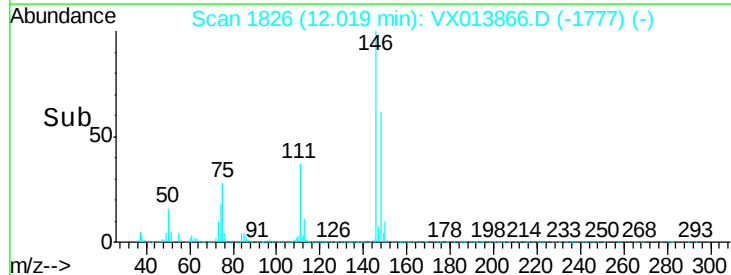
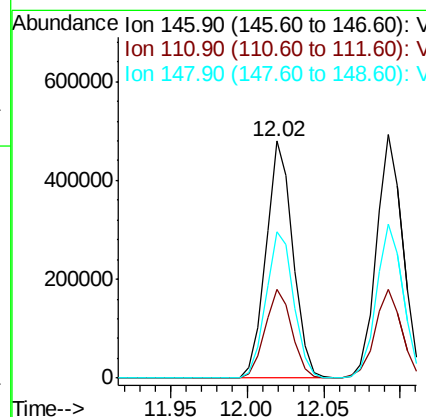
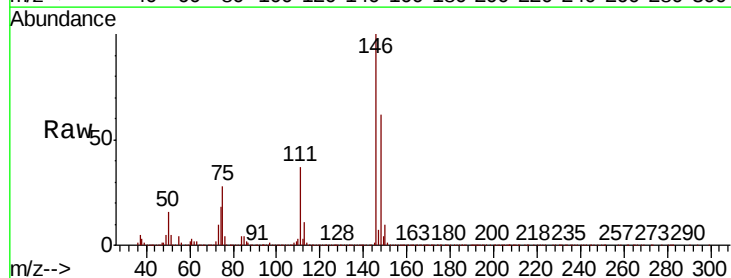
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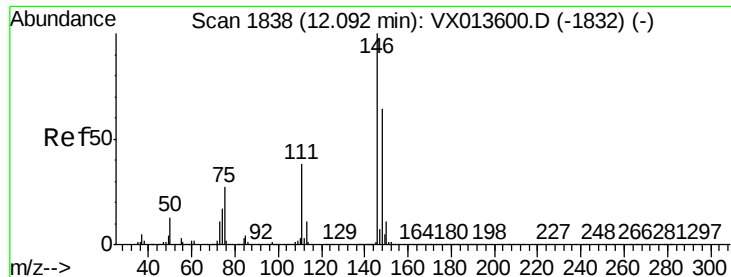
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#87
1,3-Dichlorobenzene
Concen: 47.799 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. -0.00 min
Lab File: VX013866.D
Acq: 09 Dec 2019 21:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	19.0	57.0
148	63.3	31.8	95.4





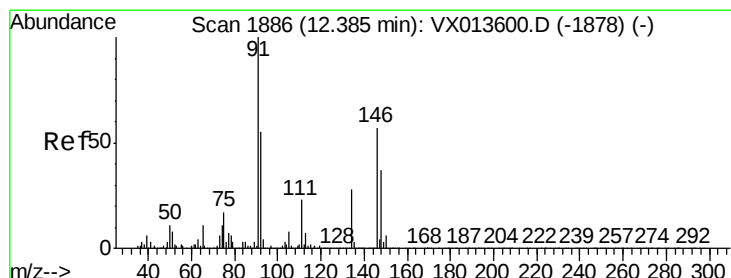
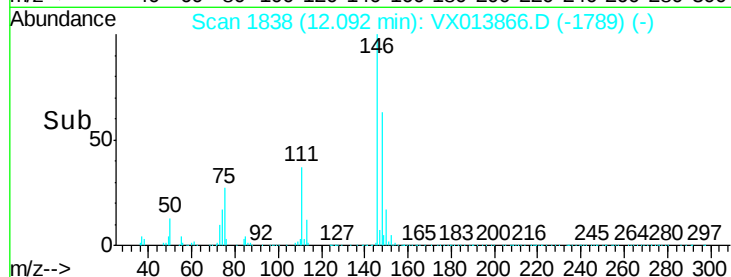
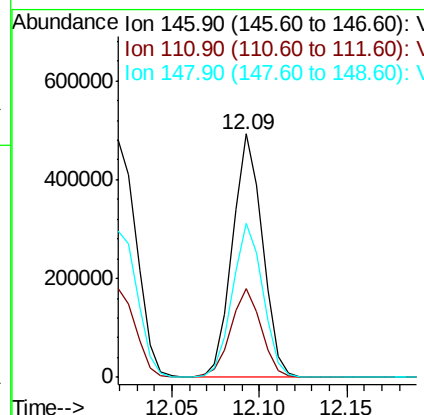
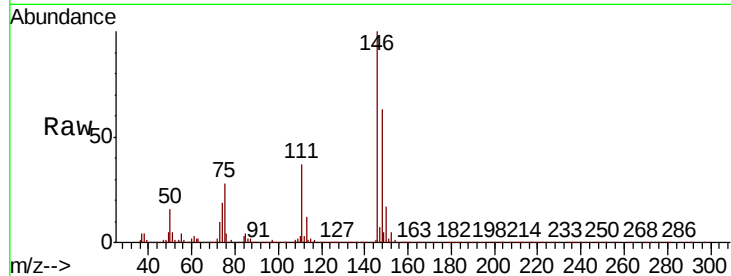
#88
 1,4-Dichlorobenzene
 Concen: 46.841 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013866.D
 Acq: 09 Dec 2019 21:14

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20191204MS

Tot Ion	Ratio	Resp	Lower	Upper
146	100	588693		
111	37.1	18.9	56.9	
148	64.0	31.9	95.5	

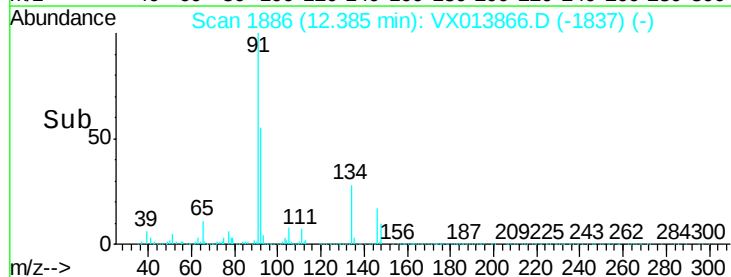
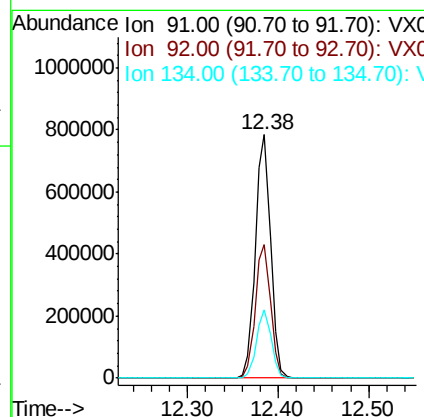
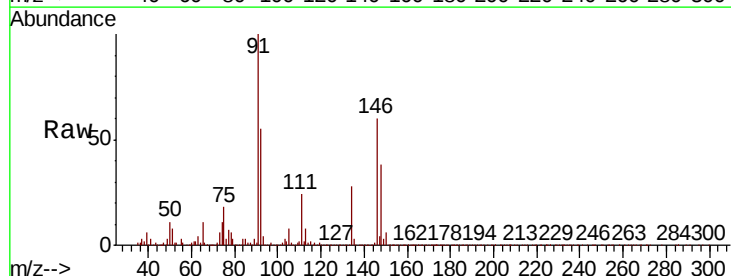
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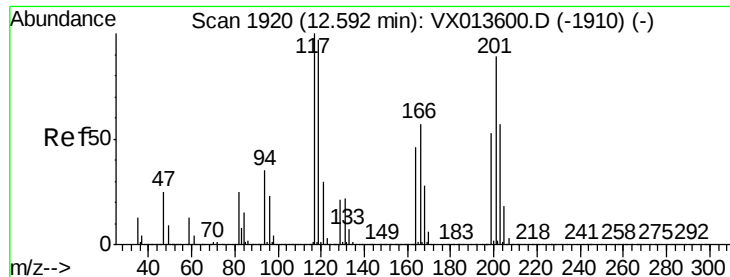
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#89
 n-Butylbenzene
 Concen: 46.082 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013866.D
 Acq: 09 Dec 2019 21:14

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	911464		
92	55.0	27.4	82.2	
134	27.4	13.5	40.4	





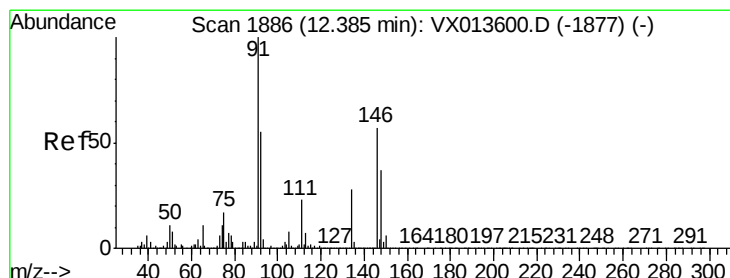
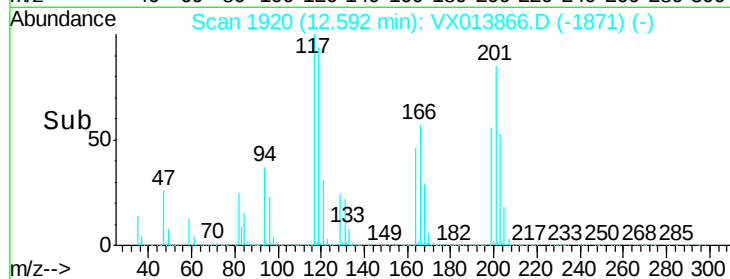
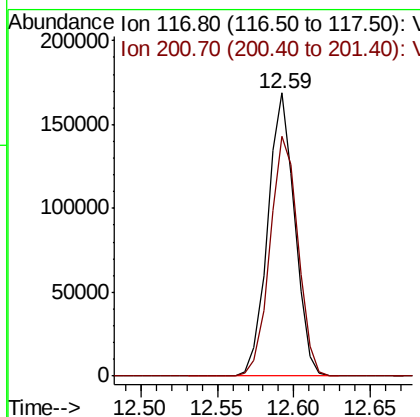
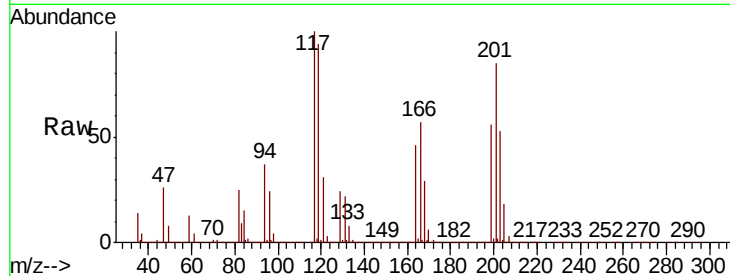
#90
Hexachloroethane
Concen: 49.531 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013866.D
Acq: 09 Dec 2019 21:14

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191204MS

Tot Ion	Ratio	Lower	Upper
117	100		
201	87.9	44.1	132.4

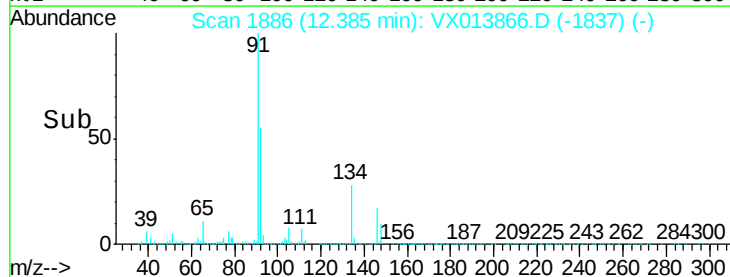
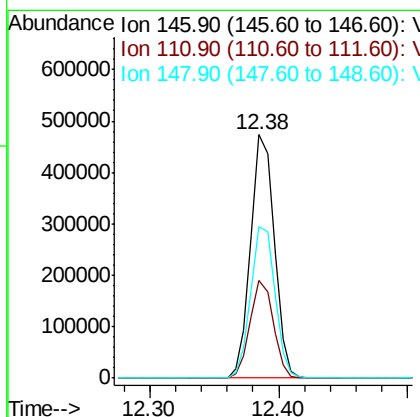
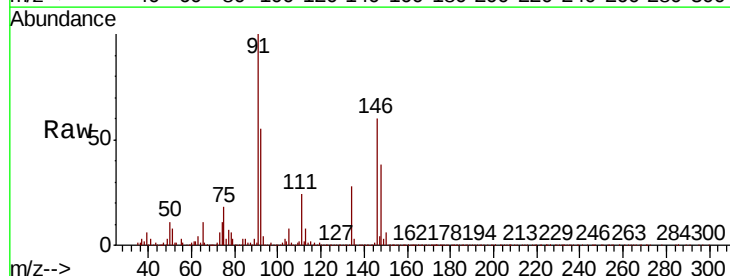
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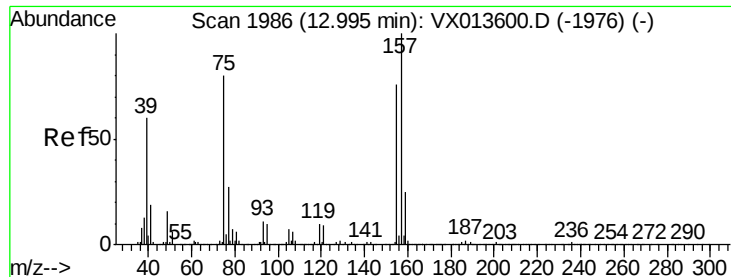
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#91
1,2-Dichlorobenzene
Concen: 49.006 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013866.D
Acq: 09 Dec 2019 21:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.6	58.7
148	63.9	31.9	95.7





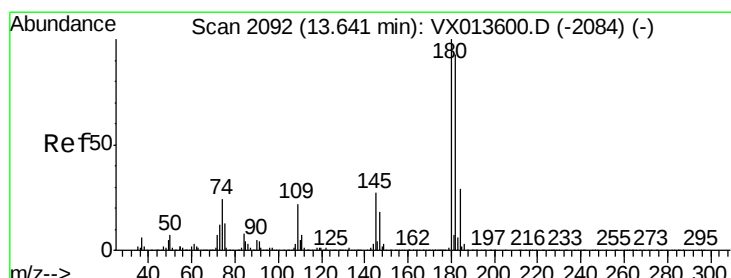
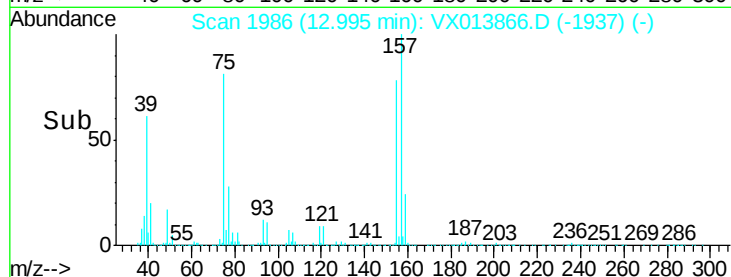
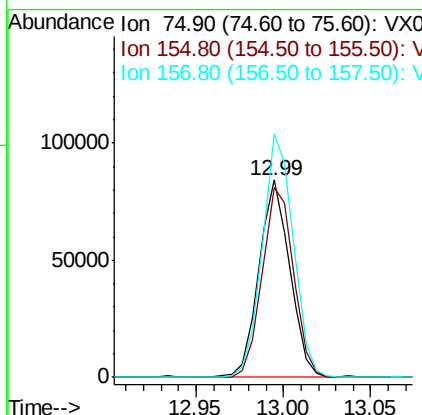
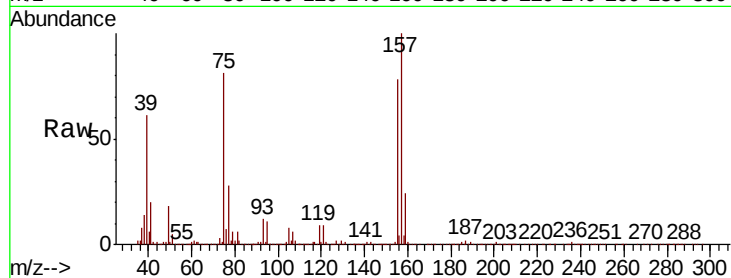
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.640 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX013866.D
 Acq: 09 Dec 2019 21:14

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20191204MS

Tot Ion	Ratio	Lower	Upper
75	100		
155	98.8	47.6	142.8
157	125.8	62.1	186.2

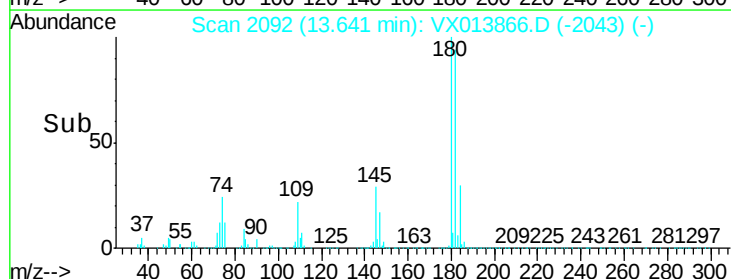
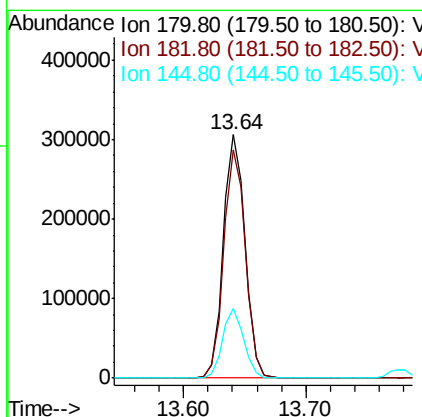
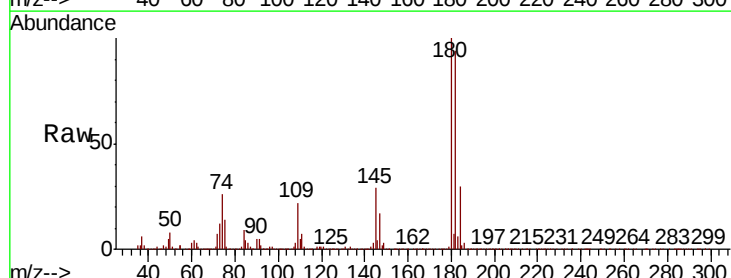
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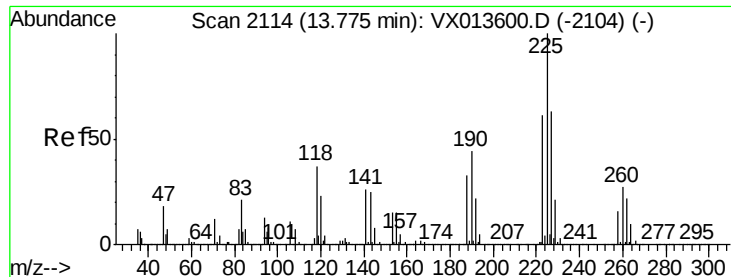
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#93
 1,2,4-Trichlorobenzene
 Concen: 44.277 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013866.D
 Acq: 09 Dec 2019 21:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.4	47.2	141.6
145	27.9	13.8	41.4





#94

Hexachlorobutadiene

Concen: 42.492 ug/l

RT: 13.78 min Scan# 2115

Delta R.T. 0.01 min

Lab File: VX013866.D

Acq: 09 Dec 2019 21:14

Instrument :

MSVOA_X

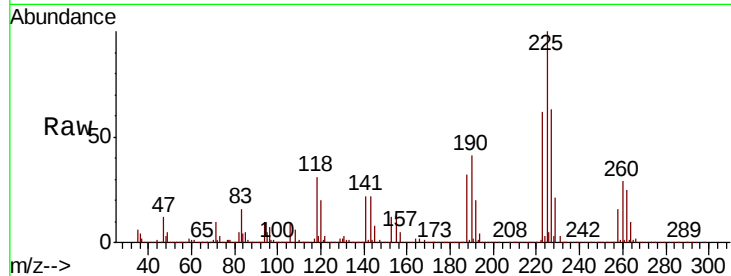
ClientSampleId :

RE131D2-20191204MS

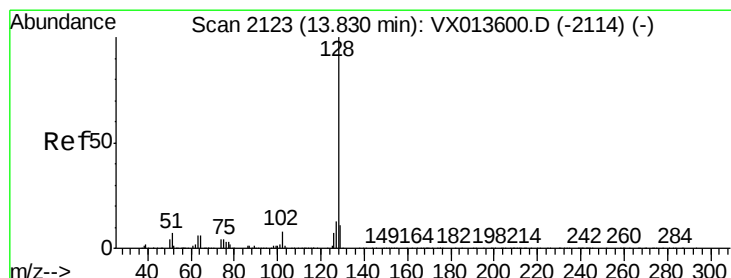
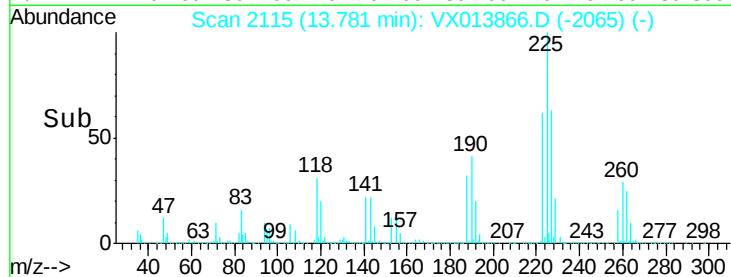
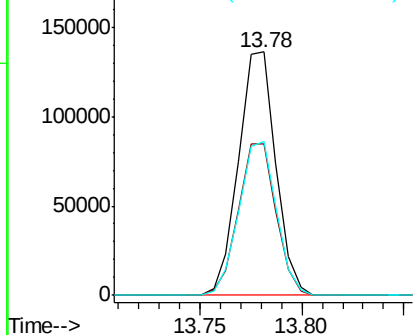
Tot Ion:	225	Resp:	173433
Ion Ratio		Lower	Upper
225	100		
223	63.1	31.9	95.5
227	63.8	32.1	96.3

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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: 48.064 ug/l

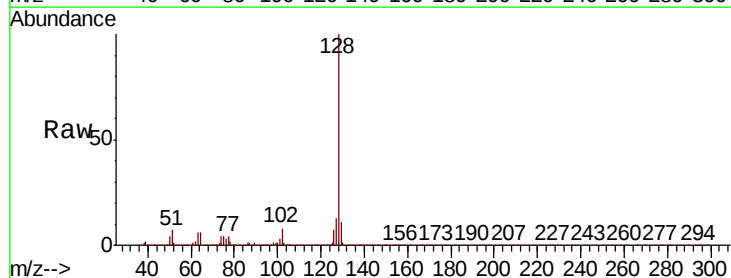
RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

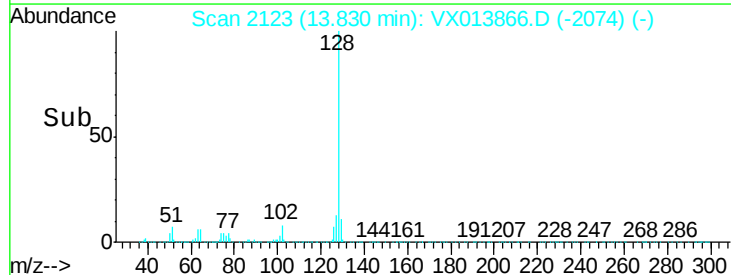
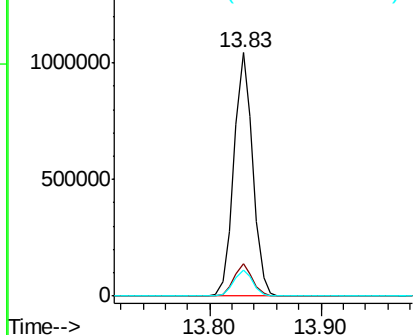
Lab File: VX013866.D

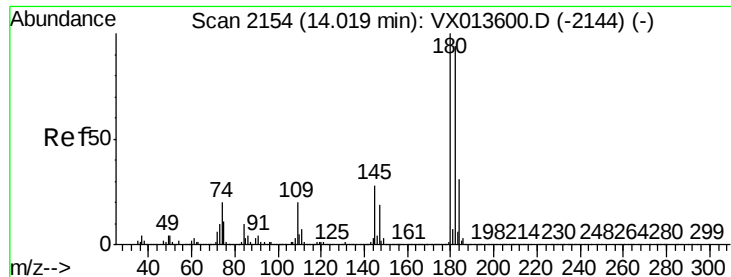
Acq: 09 Dec 2019 21:14

Tgt Ion:	128	Resp:	1216148
Ion Ratio		Lower	Upper
128	100		
127	13.0	10.3	15.5
129	10.9	8.7	13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 46.798 ug/l
 RT: 14.02 min Scan# 2154
 Delta R.T. -0.00 min
 Lab File: VX013866.D
 Acq: 09 Dec 2019 21:14

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20191204MS

Tot Ion	Ratio	Resp	Lower	Upper
180	100	393689		
182	93.9	47.6	142.8	
145	29.9	15.0	45.0	

Manual Integrations
 APPROVED

apatel
 12/11/2019 8:54:36 AM

