

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121319\
 Data File : VX014013.D
 Acq On : 13 Dec 2019 18:00
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX121319

Manual Integrations
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 12/17/2019 2:48:46 PM

Quant Time: Dec 17 03:04:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	621092	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	932469	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	835490	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	417707	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	347593	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	
35) Dibromofluoromethane	5.48	113	290025	51.17	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	102.34%	
50) Toluene-d8	8.71	98	1129204	51.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.34%	
62) 4-Bromofluorobenzene	11.13	95	404114	50.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.18%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	291288	52.423	ug/l	98
3) Chloromethane	1.32	50	383848	51.476	ug/l	100
4) Vinyl Chloride	1.40	62	398794	50.683	ug/l	99
5) Bromomethane	1.63	94	269636	48.282	ug/l	98
6) Chloroethane	1.71	64	249654	51.409	ug/l	97
7) Trichlorofluoromethane	1.92	101	509734	52.333	ug/l	100
8) Diethyl Ether	2.18	74	225529	49.336	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	309754	52.756	ug/l	100
10) Methyl Iodide	2.50	142	396524	51.147	ug/l	98
11) Tert butyl alcohol	3.03	59	388856	255.656	ug/l	99
12) 1,1-Dichloroethene	2.36	96	305414	51.120	ug/l	98
13) Acrolein	2.28	56	268569	308.460	ug/l	98
14) Allyl chloride	2.72	41	559686	52.467	ug/l	99
15) Acrylonitrile	3.12	53	918662	258.767	ug/l	100
16) Acetone	2.43	43	939159	205.507	ug/l	100
17) Carbon Disulfide	2.56	76	862642	51.979	ug/l	99
18) Methyl Acetate	2.76	43	454751	50.218	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	1041263	53.038	ug/l	97
20) Methylene Chloride	2.84	84	348991	48.495	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	330319	50.185	ug/l	97
22) Diisopropyl ether	3.84	45	1110273	52.230	ug/l	98
23) Vinyl Acetate	3.80	43	4842976	279.180	ug/l	99
24) 1,1-Dichloroethane	3.69	63	597995	50.563	ug/l	99
25) 2-Butanone	4.65	43	1357662	240.967	ug/l	100
26) 2,2-Dichloropropane	4.57	77	499436	54.390	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	376663	50.600	ug/l	99
28) Bromochloromethane	5.00	49	231204	50.825	ug/l	100
29) Tetrahydrofuran	5.11	42	829161	263.112	ug/l	99
30) Chloroform	5.20	83	580896	51.813	ug/l	99
31) Cyclohexane	5.56	56	559555	53.196	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	498495	52.170	ug/l	99
36) 1,1-Dichloropropene	5.79	75	454000	53.063	ug/l	99
37) Ethyl Acetate	4.81	43	509182	53.892	ug/l	99
38) Carbon Tetrachloride	5.77	117	429343	55.084	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	570596	54.011	ug/l	98
40) Benzene	6.13	78	1360588	51.683	ug/l	100
41) Methacrylonitrile	5.02	41	283070	53.997	ug/l	98
42) 1,2-Dichloroethane	6.18	62	469125	52.570	ug/l	99
43) Isopropyl Acetate	6.43	43	850005	54.361	ug/l	99
44) Trichloroethene	7.20	130	371092	51.035	ug/l	97
45) 1,2-Dichloropropane	7.50	63	350152	51.894	ug/l	100
46) Dibromomethane	7.65	93	229903	51.535	ug/l	99
47) Bromodichloromethane	7.89	83	452971	53.914	ug/l	98
48) Methyl methacrylate	7.76	41	414594	54.148	ug/l	99
49) 1,4-Dioxane	7.73	88	163781	1051.128	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2580512	262.786	ug/l	99
52) Toluene	8.78	92	857143	51.512	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	516909	56.109	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	578598	56.374	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	342987	51.430	ug/l	98
56) Ethyl methacrylate	9.17	69	570730	54.481	ug/l	99
57) 1,3-Dichloropropane	9.36	76	586215	52.245	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	1007644	254.171	ug/l	100
59) 2-Hexanone	9.48	43	1995401	252.423	ug/l	99
60) Dibromochloromethane	9.57	129	366389	55.271	ug/l	100
61) 1,2-Dibromoethane	9.67	107	360865	52.886	ug/l	100
64) Tetrachloroethene	9.33	164	332078	44.918	ug/l	97
65) Chlorobenzene	10.14	112	917959	51.674	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	339861	53.581	ug/l	99
67) Ethyl Benzene	10.25	91	1643804	53.822	ug/l	100
68) m/p-Xylenes	10.36	106	1253248	106.690	ug/l	100
69) o-Xylene	10.70	106	605775	52.582	ug/l	98
70) Styrene	10.71	104	1037862	53.275	ug/l	99
71) Bromoform	10.85	173	286793	56.249	ug/l #	99
73) Isopropylbenzene	11.01	105	1615818	54.942	ug/l	100
74) N-amyl acetate	10.89	43	755178	54.780	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	539109	52.874	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	436974m	48.187	ug/l	
77) Bromobenzene	11.25	156	416657	51.492	ug/l	98
78) n-propylbenzene	11.35	91	1837796	55.711	ug/l	99
79) 2-Chlorotoluene	11.42	91	1079257	53.821	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1364671	55.135	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	187870	58.475	ug/l	98
82) 4-Chlorotoluene	11.51	91	1240522	53.332	ug/l	99
83) tert-Butylbenzene	11.76	119	1357085	56.340	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	1357384	54.762	ug/l	100
85) sec-Butylbenzene	11.94	105	1562765	54.958	ug/l	100
86) p-Isopropyltoluene	12.06	119	1449211	55.715	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	735116	51.836	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	721740	50.052	ug/l	99
89) n-Butylbenzene	12.39	91	1258596	56.708	ug/l	99
90) Hexachloroethane	12.59	117	260952	55.854	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	735232	51.501	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	118074	52.330	ug/l	99

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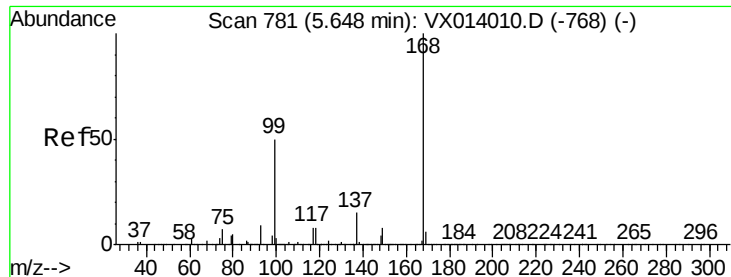
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	501922	54.093	ug/l	98
94) Hexachlorobutadiene	13.78	225	237371	53.230	ug/l	98
95) Naphthalene	13.83	128	1501462	55.076	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	494527	53.990	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX014013.D

Acq: 13 Dec 2019 18:00

Instrument :

MSVOA_X

ClientSampleId :

ICVVX121319

Tot Ion:168 Resp: 621092

Ion Ratio Lower Upper

168 100

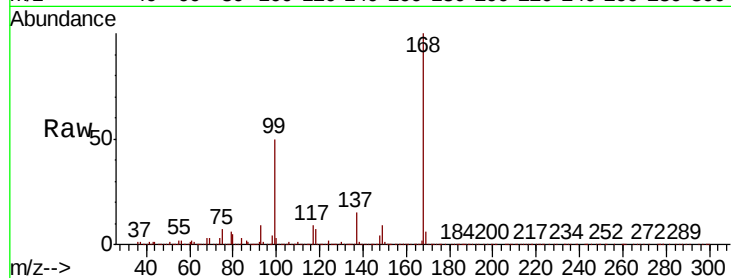
99 49.5 40.3 60.5

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

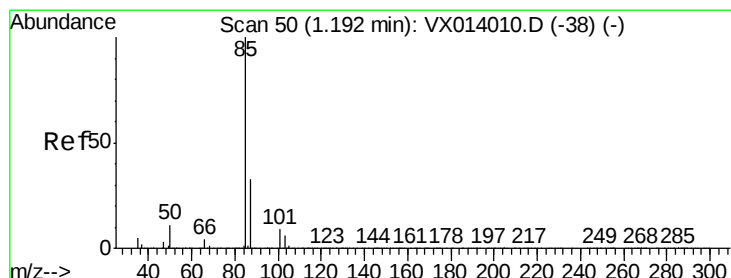
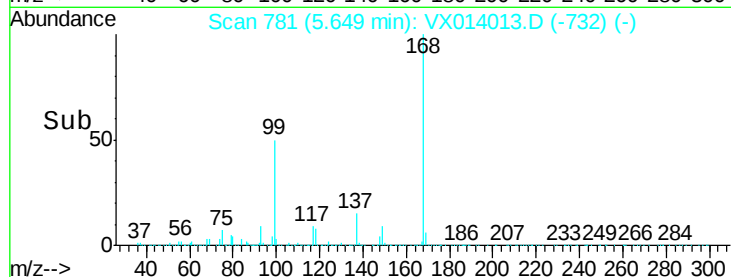
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 52.423 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014013.D

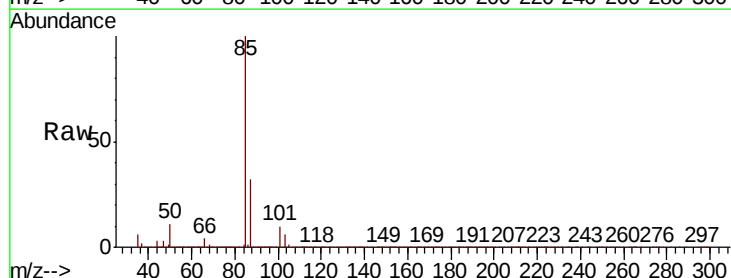
Acq: 13 Dec 2019 18:00

Tgt Ion: 85 Resp: 291288

Ion Ratio Lower Upper

85 100

87 31.9 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

300000

250000

200000

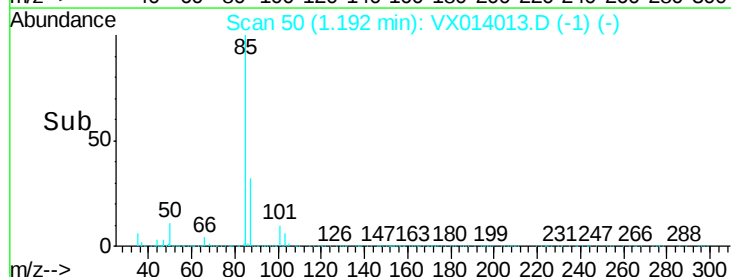
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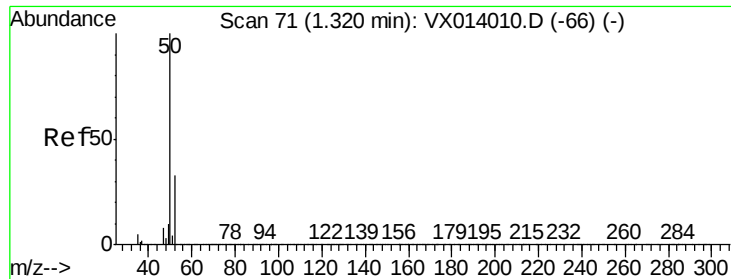
100000

50000

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Time-->





#3

Chloromethane

Concen: 51.476 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014013.D

Acq: 13 Dec 2019 18:00

Instrument :

MSVOA_X

ClientSampleId :

ICVVX121319

Tot Ion: 50 Resp: 383848

Ion Ratio Lower Upper

50 100

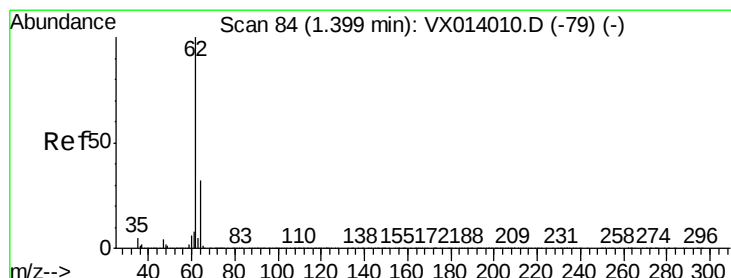
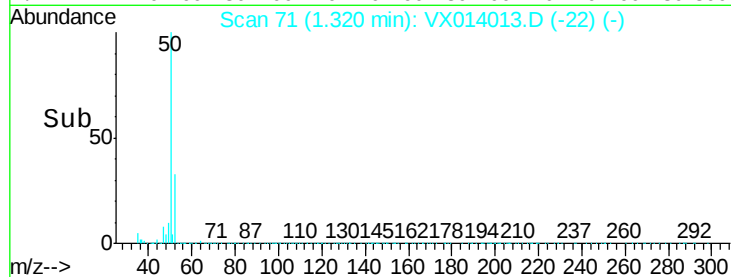
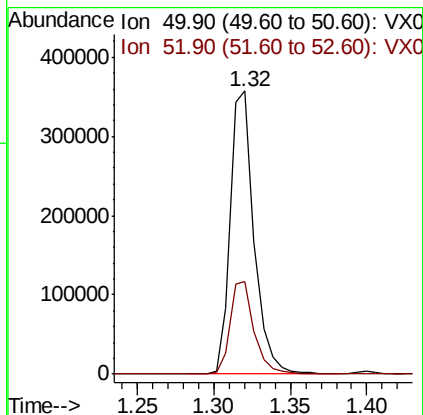
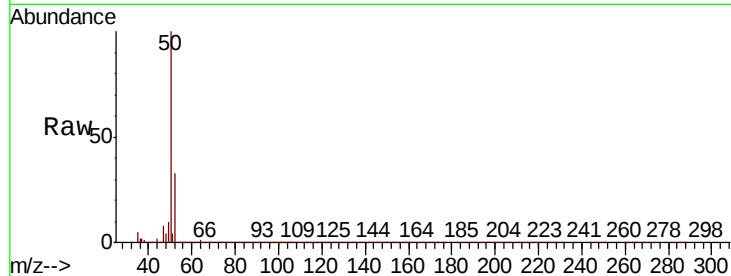
52 32.8 26.2 39.4

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#4

Vinyl Chloride

Concen: 50.683 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014013.D

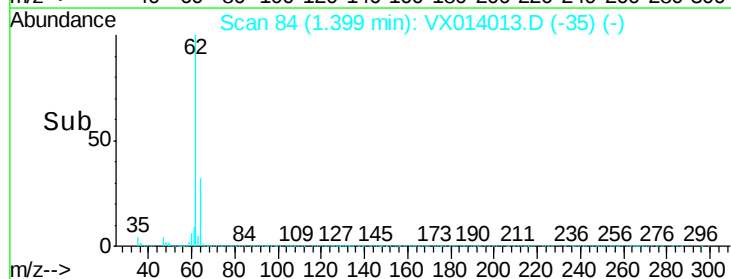
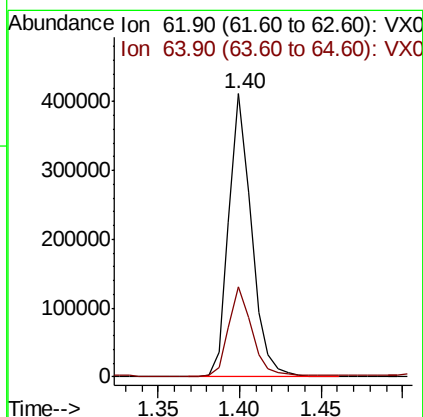
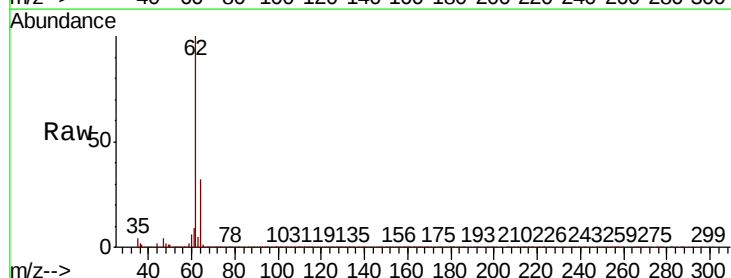
Acq: 13 Dec 2019 18:00

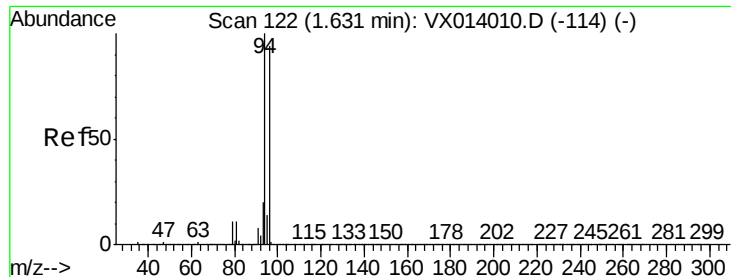
Tgt Ion: 62 Resp: 398794

Ion Ratio Lower Upper

62 100

64 31.6 25.7 38.5





#5

Bromomethane

Concen: 48.282 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014013.D

Acq: 13 Dec 2019 18:00

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 269636

Ion Ratio Lower Upper

94 100

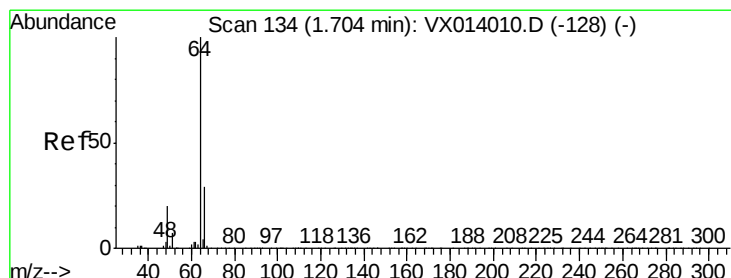
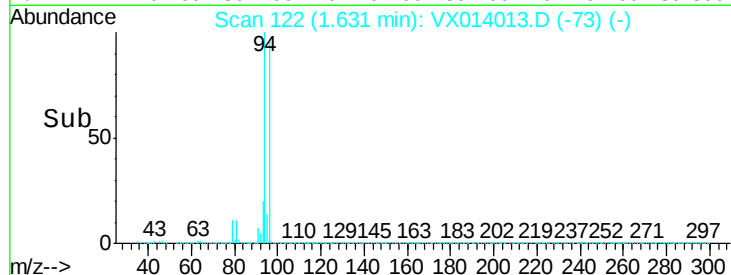
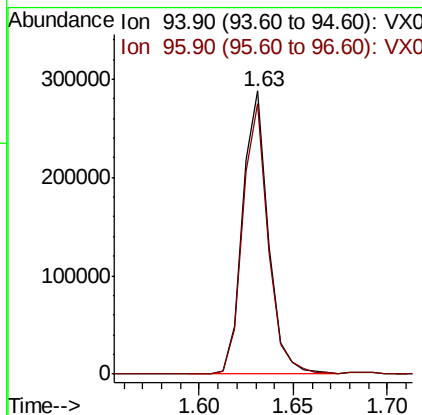
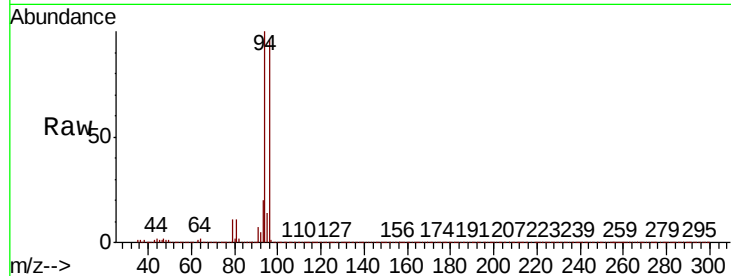
96 95.8 75.2 112.8

Manual Integrations

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#6

Chloroethane

Concen: 51.409 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX014013.D

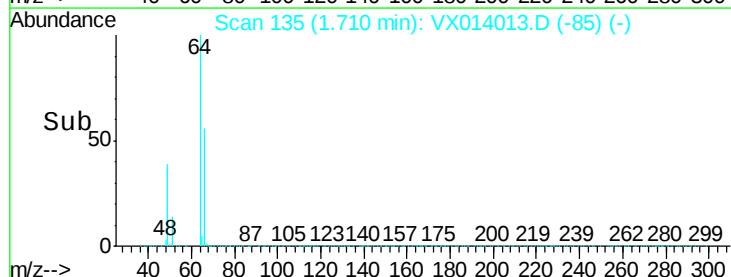
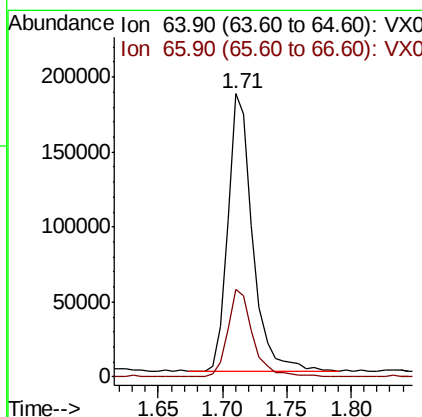
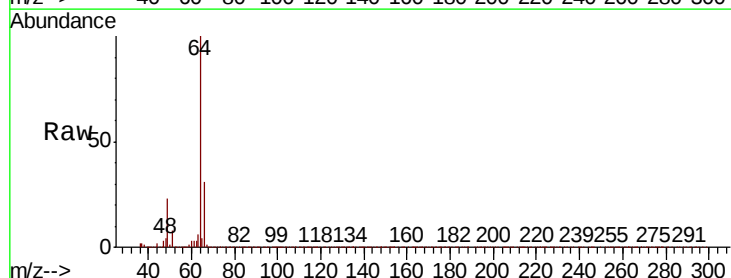
Acq: 13 Dec 2019 18:00

Tgt Ion: 64 Resp: 249654

Ion Ratio Lower Upper

64 100

66 31.1 23.4 35.2





#7

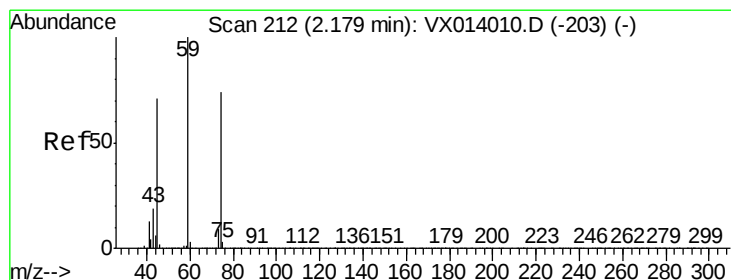
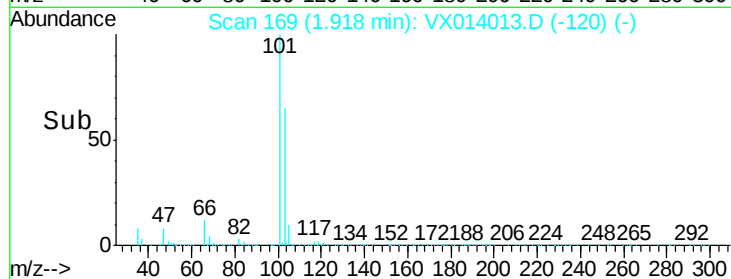
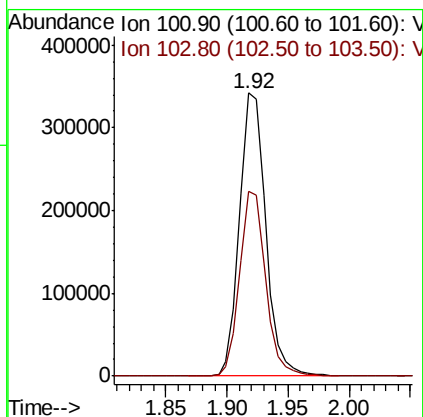
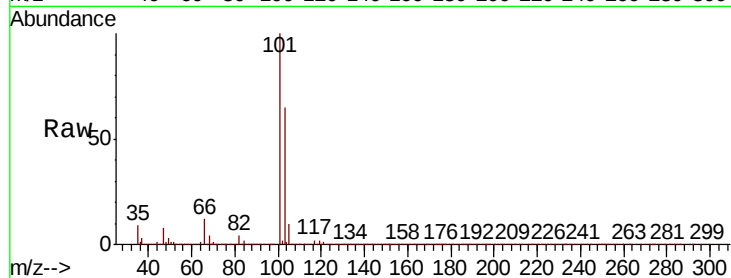
Trichlorofluoromethane
Concen: 52.333 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX014013.D
Acq: 13 Dec 2019 18:00

Instrument :
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ClientSampleId :
ICVVX121319

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.4	52.2	78.4

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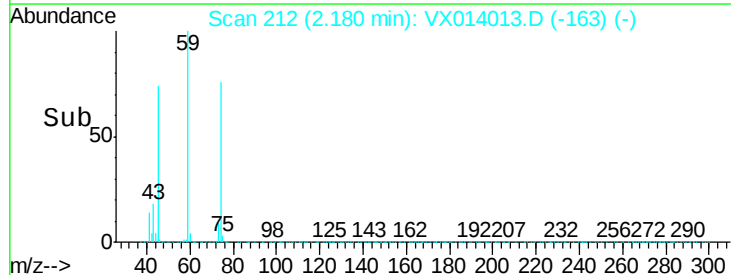
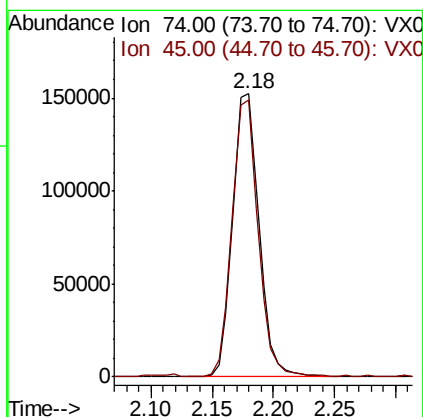
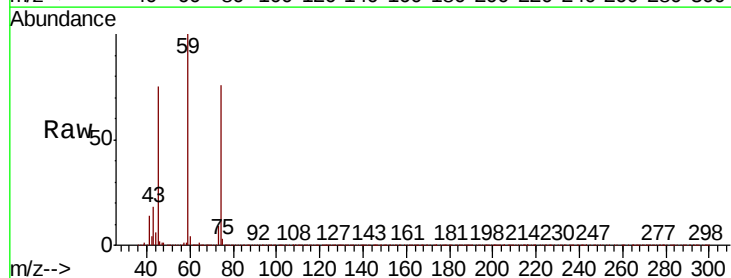
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#8

Diethyl Ether
Concen: 49.336 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014013.D
Acq: 13 Dec 2019 18:00

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.8	48.1	144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.756 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014013.D

Acq: 13 Dec 2019 18:00

Instrument :

MSVOA_X

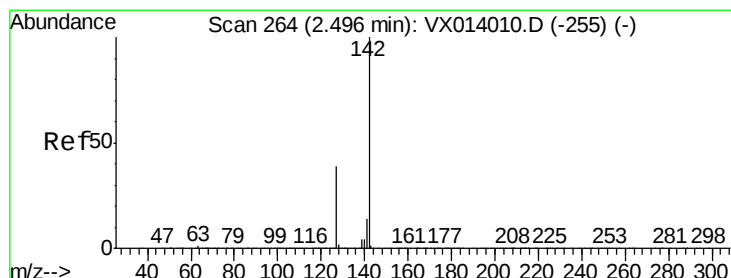
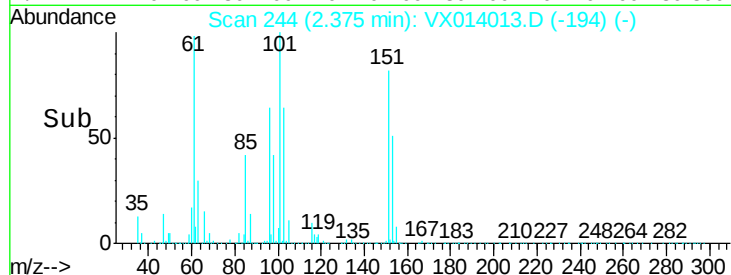
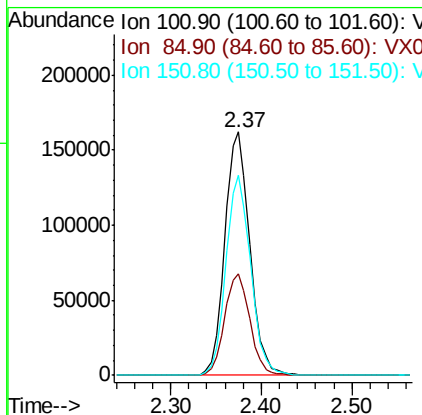
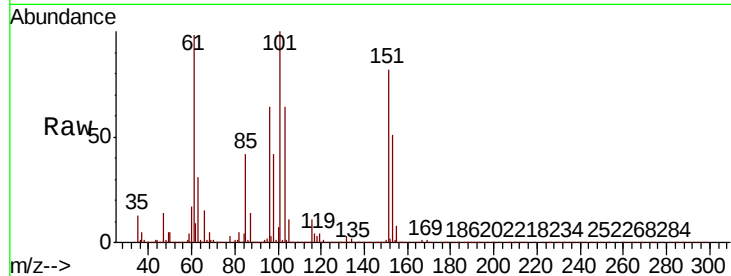
ClientSampleId :

ICVVX121319

Tot Ion:	101	Resp:	309754
Ion Ratio	Lower	Upper	
101	100		
85	42.0	33.7	50.5
151	81.2	64.5	96.7

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#10

Methyl Iodide

Concen: 51.147 ug/l

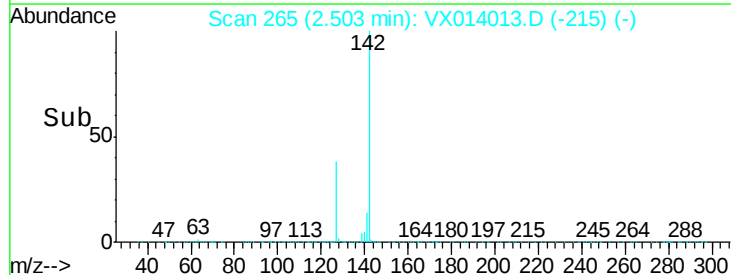
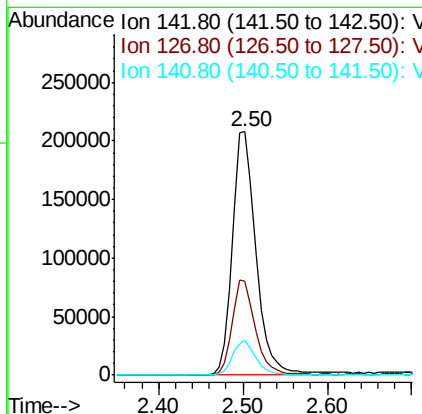
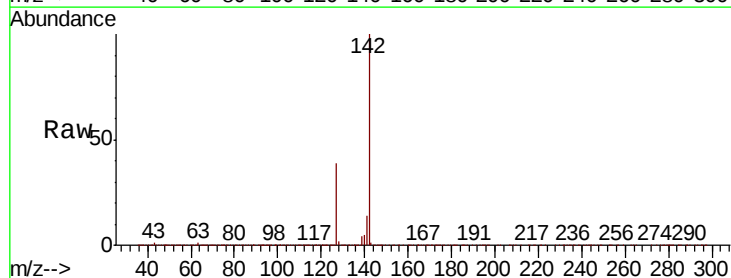
RT: 2.50 min Scan# 265

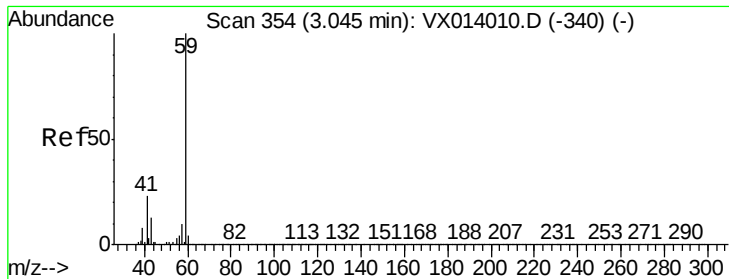
Delta R.T. 0.01 min

Lab File: VX014013.D

Acq: 13 Dec 2019 18:00

Tgt Ion:	142	Resp:	396524
Ion Ratio	Lower	Upper	
142	100		
127	38.3	31.6	47.4
141	14.1	11.6	17.4





#11

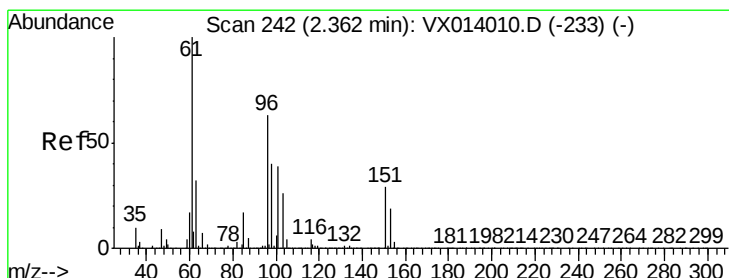
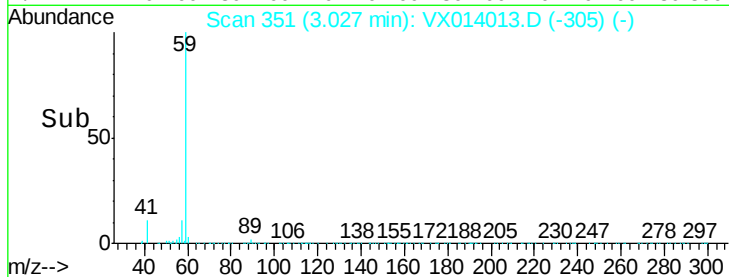
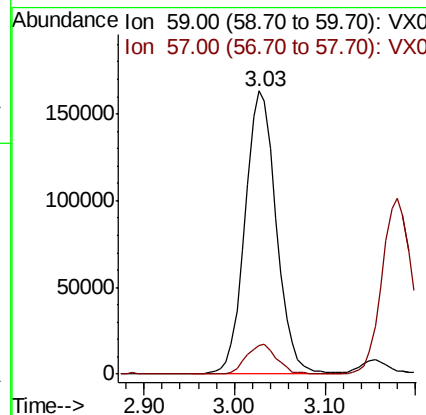
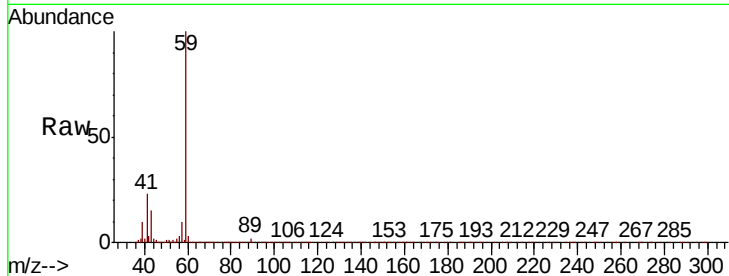
Tert butyl alcohol
Concen: 255.656 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.02 min
Lab File: VX014013.D
Acq: 13 Dec 2019 18:00

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121319

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.4	12.6

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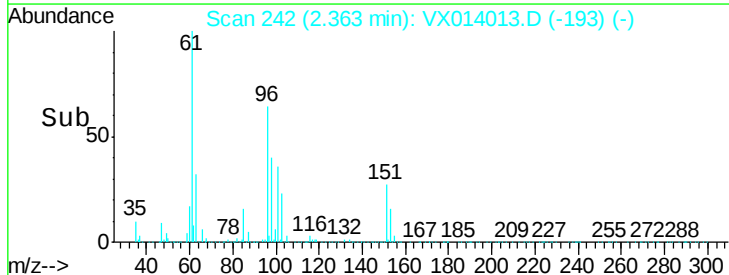
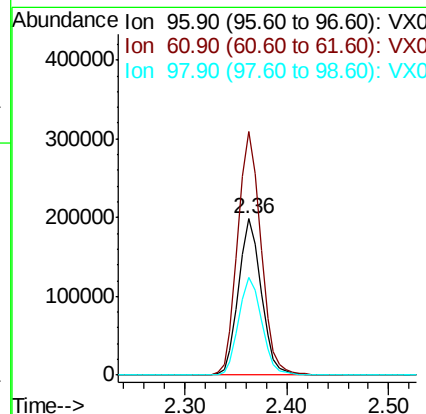
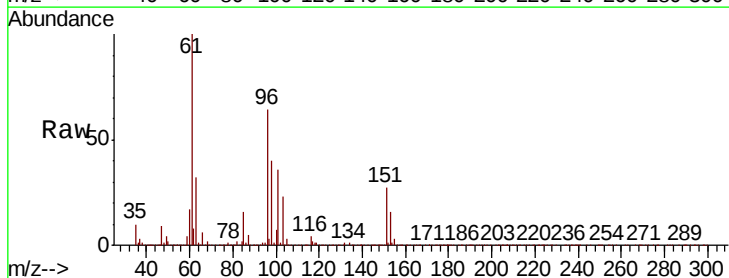
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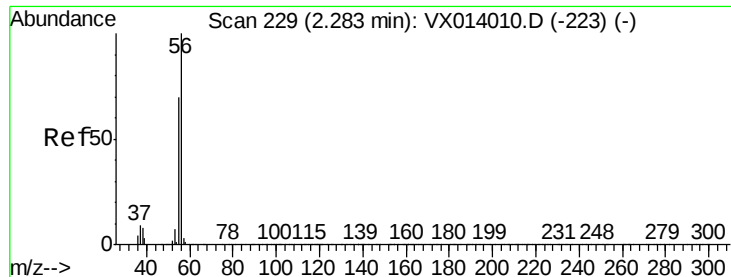


#12

1,1-Dichloroethene
Concen: 51.120 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX014013.D
Acq: 13 Dec 2019 18:00

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.1	127.9	191.9
98	62.3	50.5	75.7





#13

Acrolein

Concen: 308.460 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014013.D

Acq: 13 Dec 2019 18:00

Instrument :

MSVOA_X

ClientSampleId :

ICVVX121319

Tot Ion: 56 Resp: 268569

Ion Ratio Lower Upper

56 100

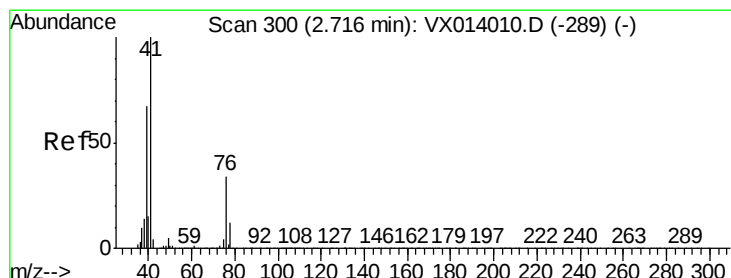
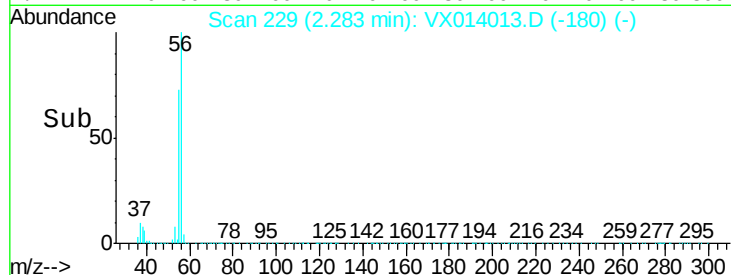
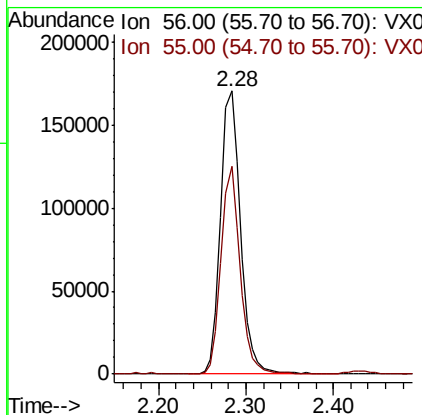
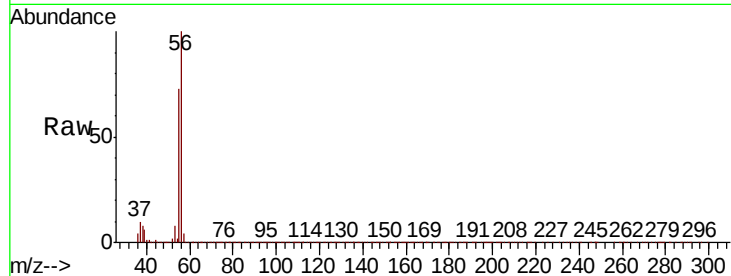
55 69.5 56.9 85.3

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#14

Allyl chloride

Concen: 52.467 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX014013.D

Acq: 13 Dec 2019 18:00

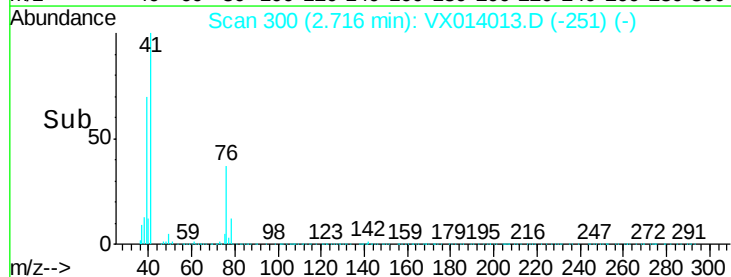
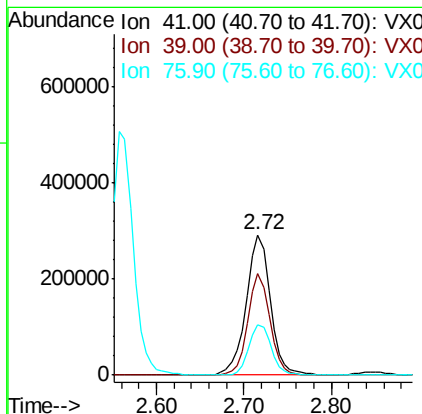
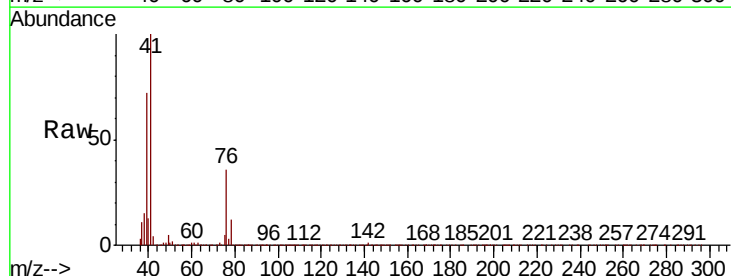
Tgt Ion: 41 Resp: 559686

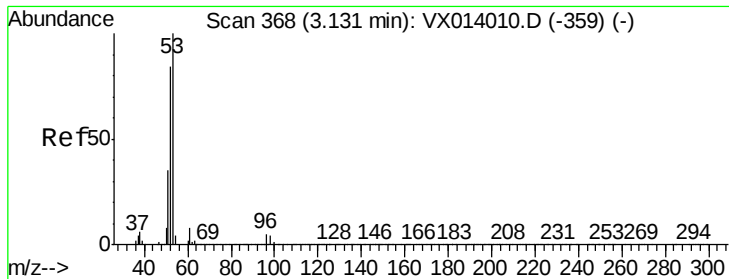
Ion Ratio Lower Upper

41 100

39 65.9 51.8 77.8

76 33.2 25.9 38.9





#15

Acrylonitrile

Concen: 258.767 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014013.D

Acq: 13 Dec 2019 18:00

Instrument :

MSVOA_X

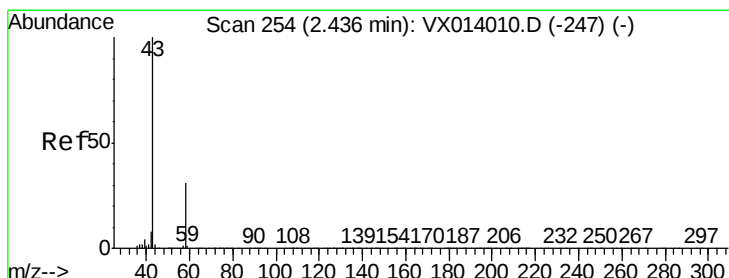
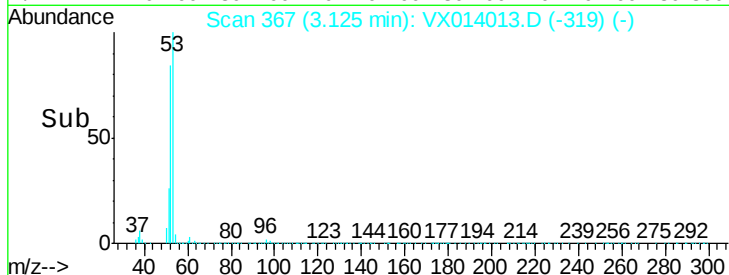
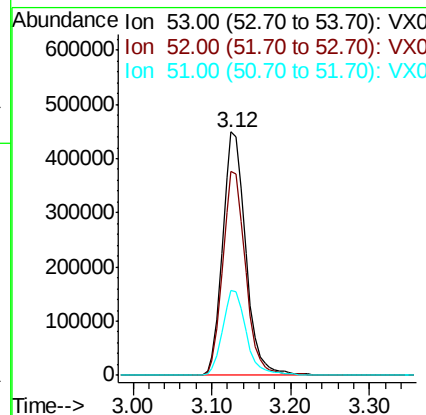
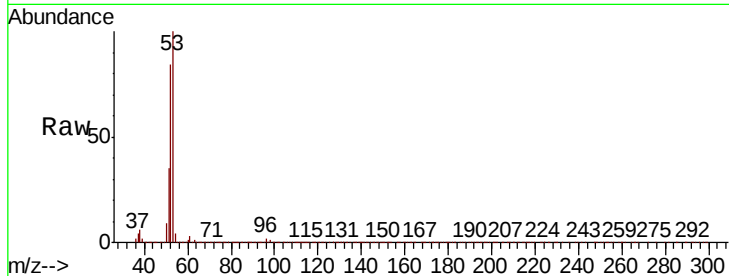
ClientSampleId :

ICVVX121319

Tot Ion:	53	Resp:	918662
Ion Ratio		Lower	Upper
53	100		
52	82.8	66.5	99.7
51	35.4	28.1	42.1

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#16

Acetone

Concen: 205.507 ug/l

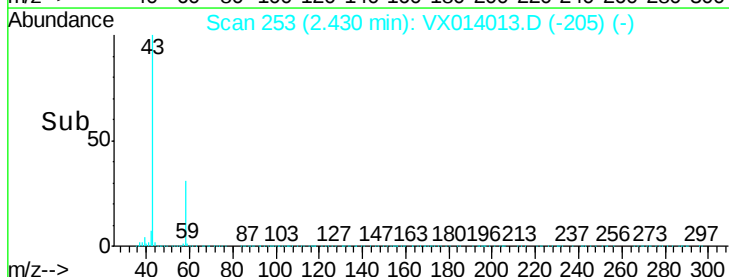
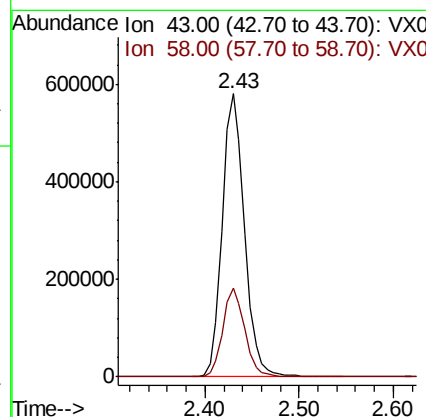
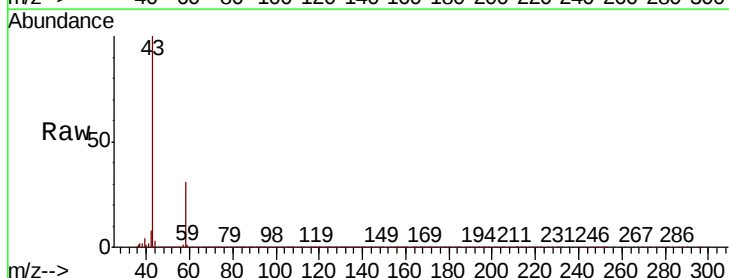
RT: 2.43 min Scan# 253

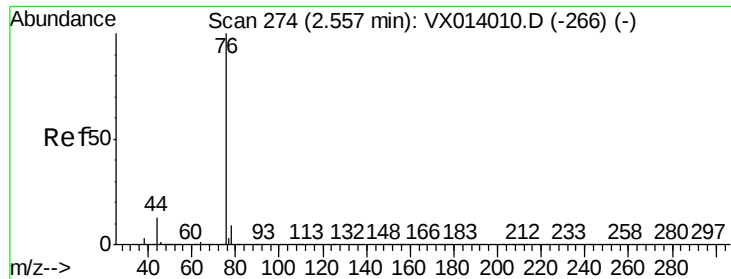
Delta R.T. -0.01 min

Lab File: VX014013.D

Acq: 13 Dec 2019 18:00

Tgt Ion:	43	Resp:	939159
Ion Ratio		Lower	Upper
43	100		
58	31.3	24.9	37.3





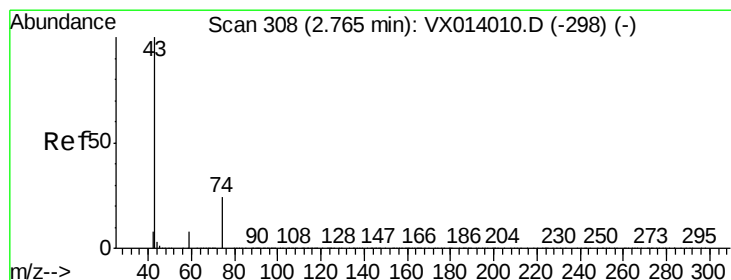
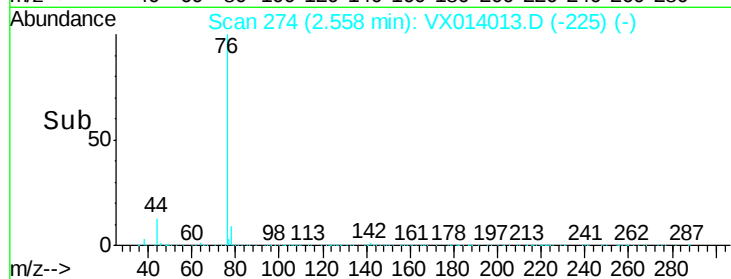
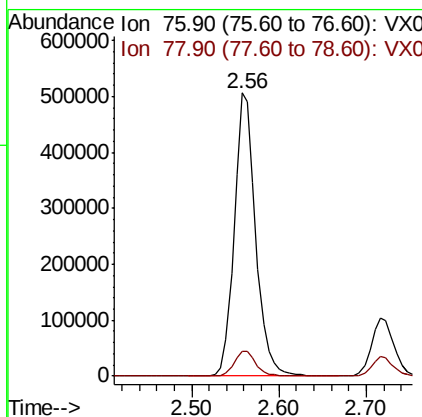
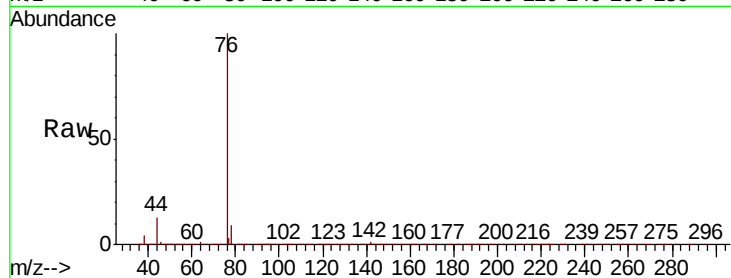
#17
Carbon Disulfide
Concen: 51.979 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX014013.D
Acq: 13 Dec 2019 18:00

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121319

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.2	10.8

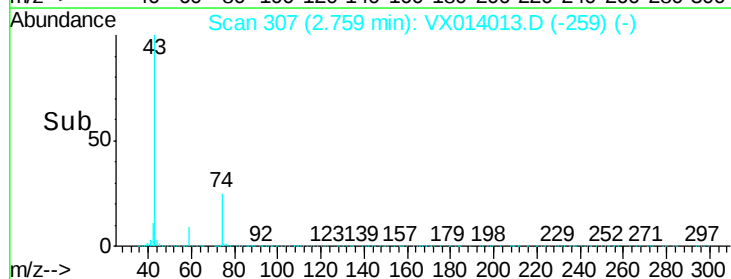
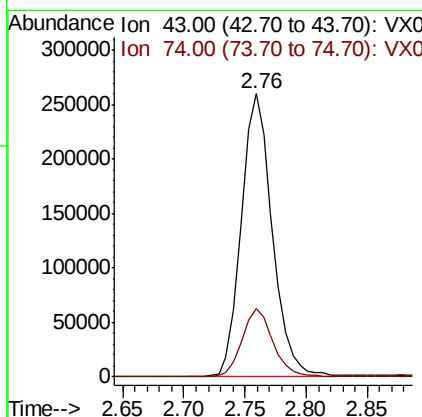
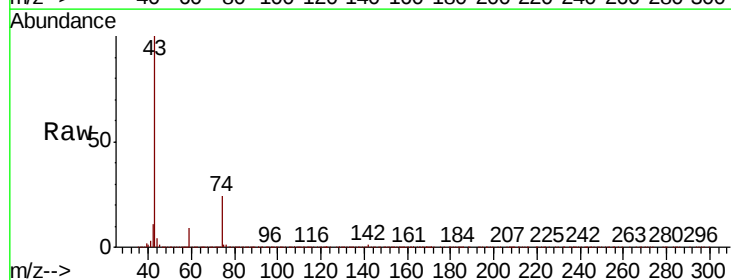
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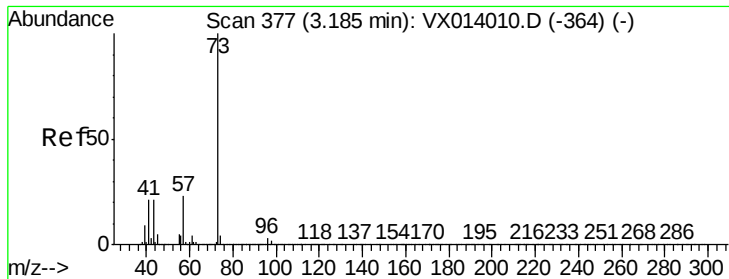
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#18
Methyl Acetate
Concen: 50.218 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014013.D
Acq: 13 Dec 2019 18:00

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.5	19.5	29.3





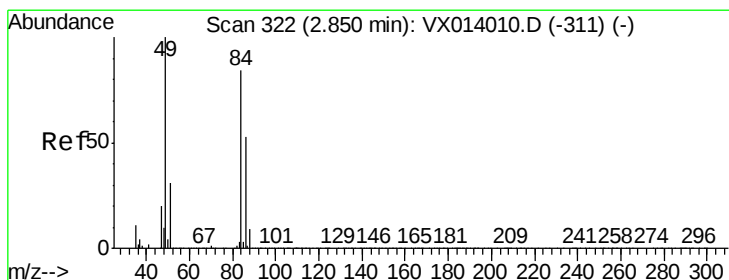
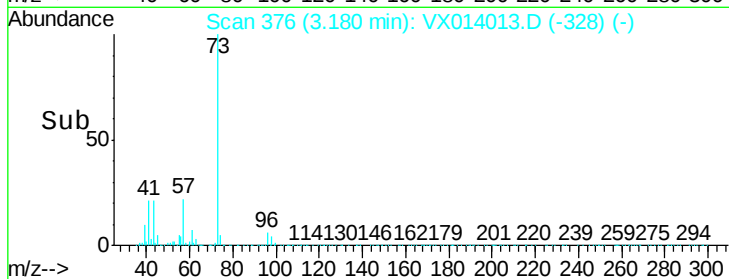
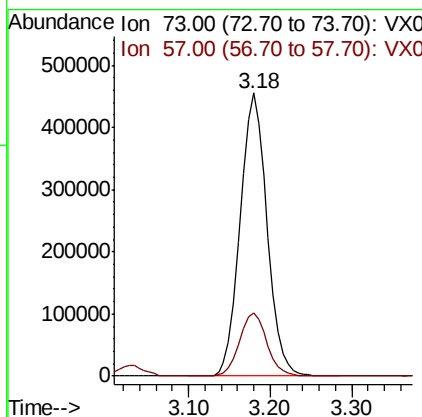
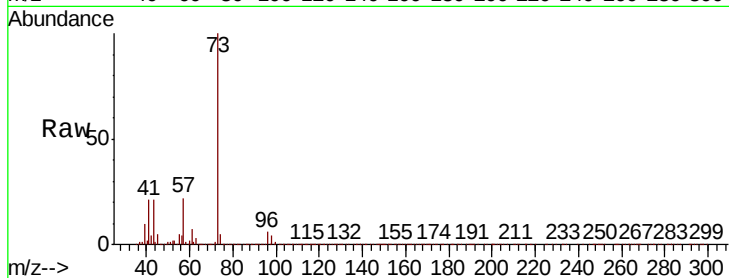
#19
Methvl tert-butvl Ether
Concen: 53.038 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014013.D
Acq: 13 Dec 2019 18:00

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121319

Tot Ion: 73 Resp: 1041263
Ion Ratio Lower Upper
73 100
57 22.2 18.8 28.2

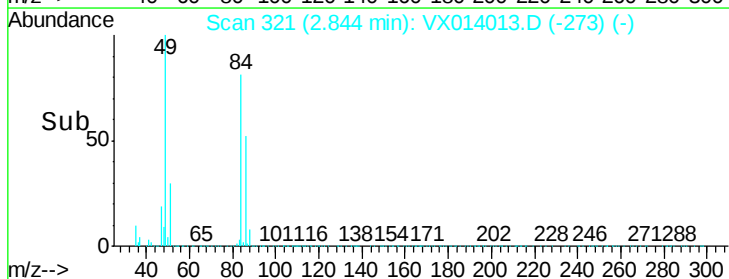
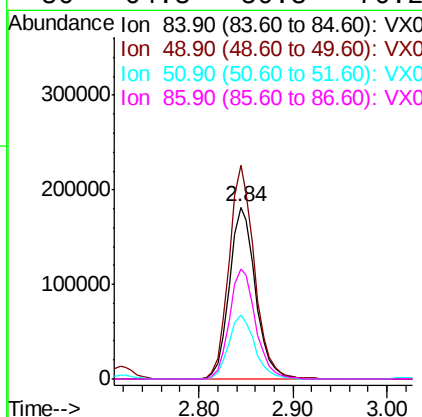
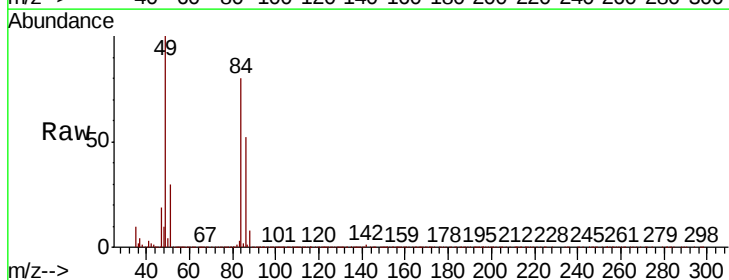
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#20
Methylene Chloride
Concen: 48.495 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014013.D
Acq: 13 Dec 2019 18:00

Tgt Ion: 84 Resp: 348991
Ion Ratio Lower Upper
84 100
49 124.0 95.8 143.6
51 36.9 29.8 44.8
86 64.3 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 50.185 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014013.D

Acq: 13 Dec 2019 18:00

Instrument :

MSVOA_X

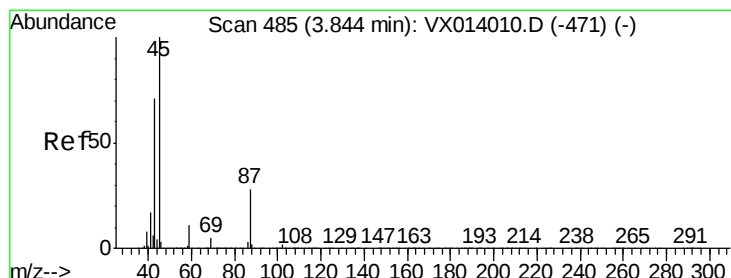
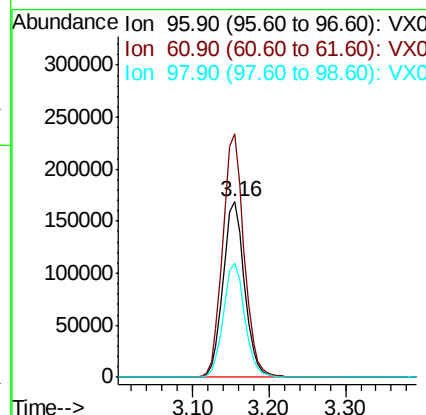
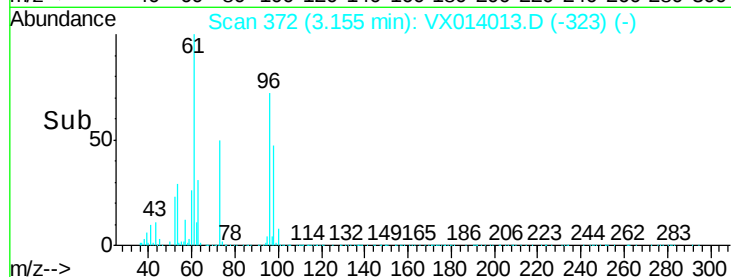
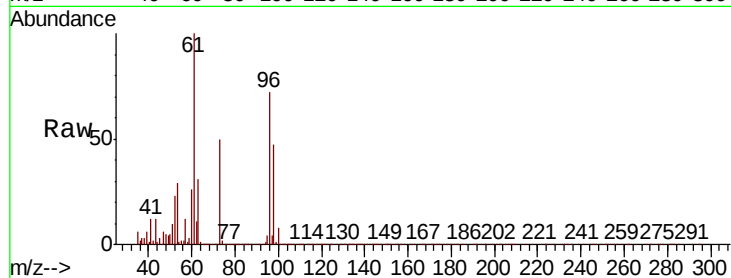
ClientSampleId :

ICVX121319

Tot Ion:	96	Resp:	330319
Ion	Ratio	Lower	Upper
96	100		
61	138.6	108.3	162.5
98	65.4	50.8	76.2

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#22

Diisopropyl ether

Concen: 52.230 ug/l

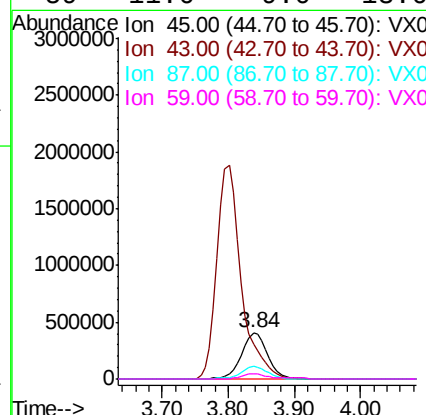
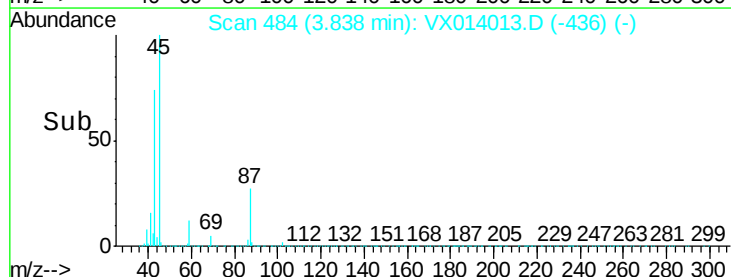
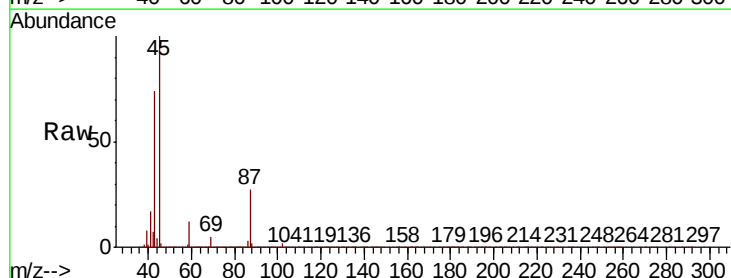
RT: 3.84 min Scan# 484

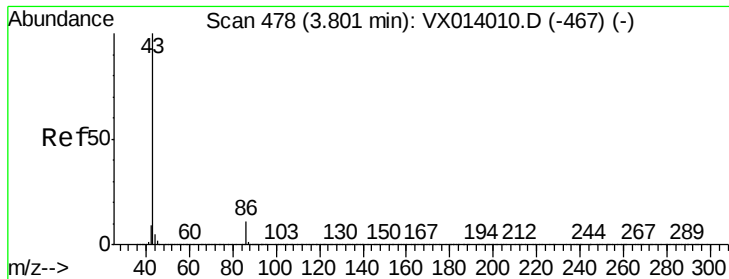
Delta R.T. -0.01 min

Lab File: VX014013.D

Acq: 13 Dec 2019 18:00

Tgt Ion:	45	Resp:	1110273
Ion	Ratio	Lower	Upper
45	100		
43	74.1	57.4	86.0
87	27.0	21.9	32.9
59	11.6	9.0	13.6





#23

Vinyl Acetate

Concen: 279.180 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014013.D

Acq: 13 Dec 2019 18:00

Instrument :

MSVOA_X

ClientSampleId :

ICVVX121319

Tot Ion: 43 Resp: 4842976

Ion Ratio Lower Upper

43 100

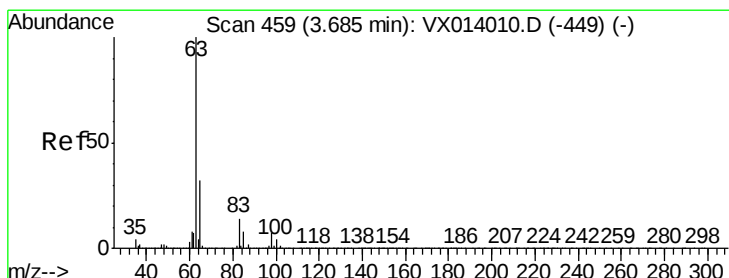
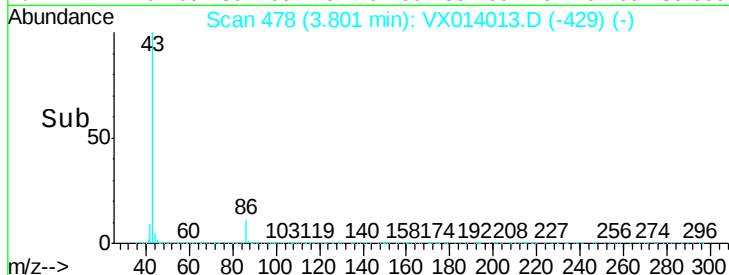
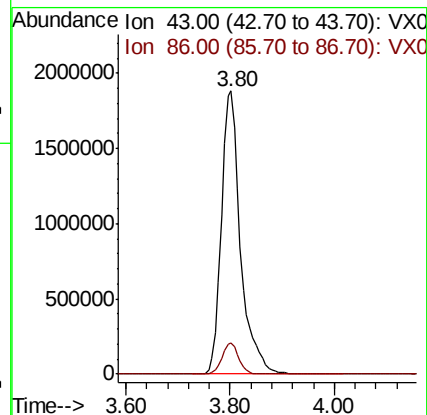
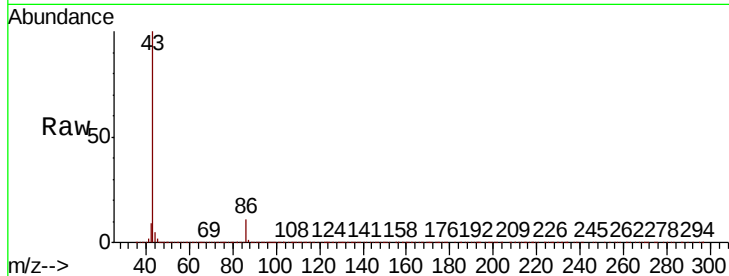
86 11.1 8.6 12.8

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#24

1,1-Dichloroethane

Concen: 50.563 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014013.D

Acq: 13 Dec 2019 18:00

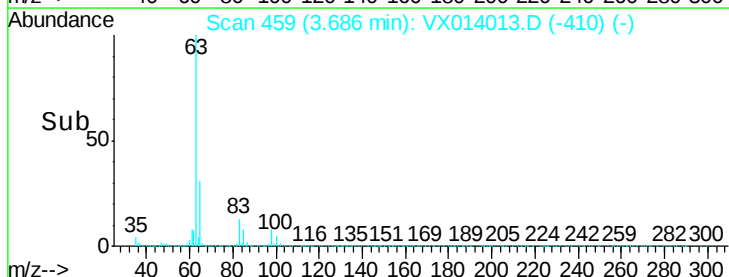
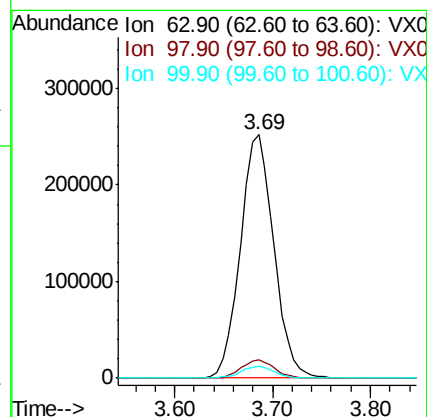
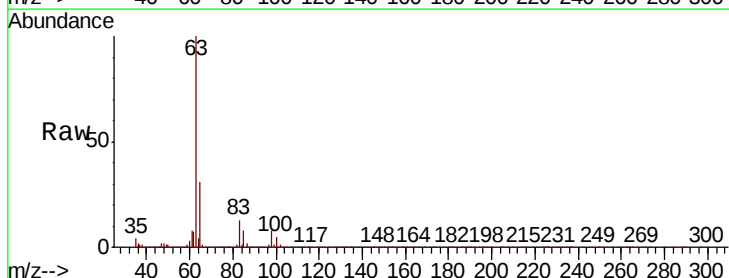
Tgt Ion: 63 Resp: 597995

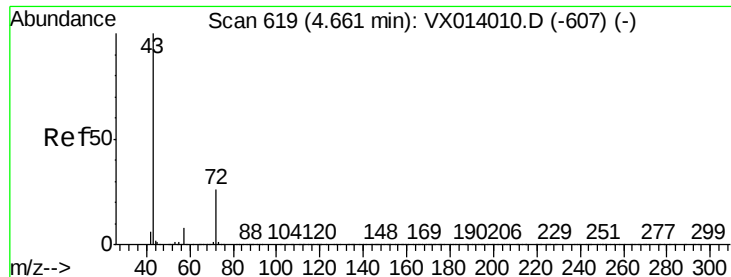
Ion Ratio Lower Upper

63 100

98 7.6 3.6 10.8

100 4.8 2.3 6.8





#25

2-Butanone

Concen: 240.967 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX014013.D

Acq: 13 Dec 2019 18:00

Tot Ion: 43 Resp: 1357662

Ion Ratio Lower Upper

43 100

72 26.2 21.0 31.4

Instrument :

MSVOA_X

ClientSampleId :

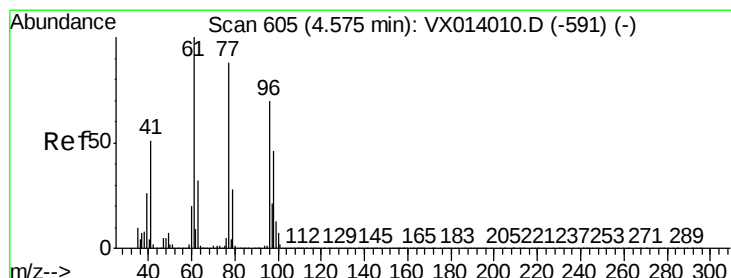
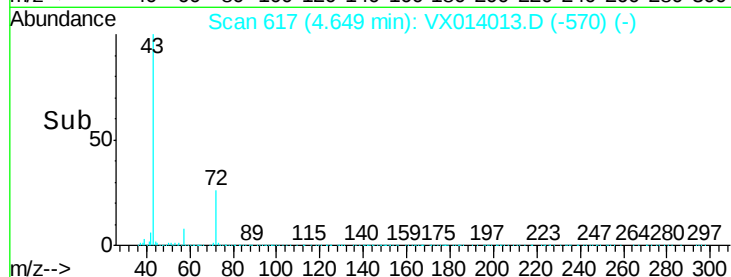
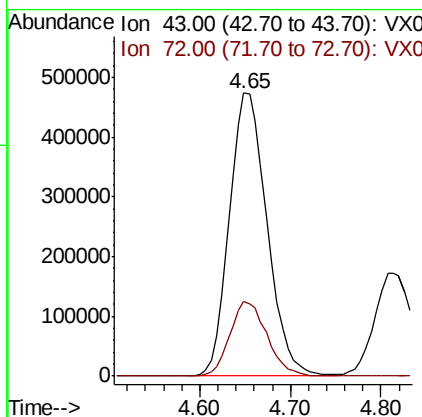
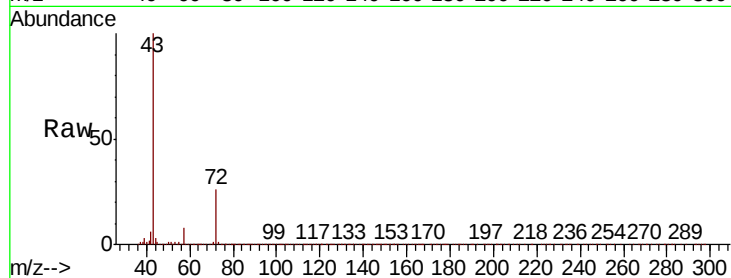
ICVVX121319

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#26

2,2-Dichloropropane

Concen: 54.390 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014013.D

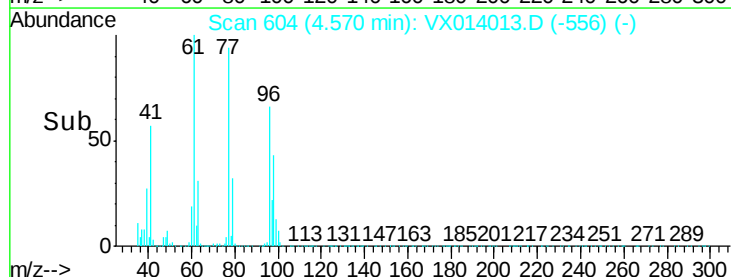
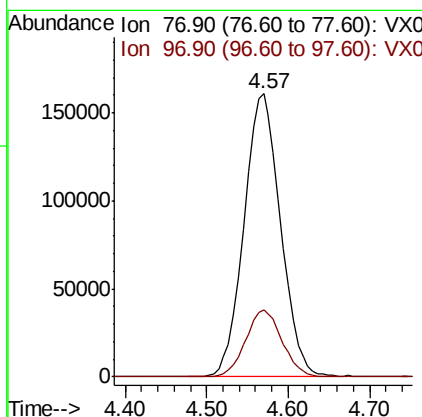
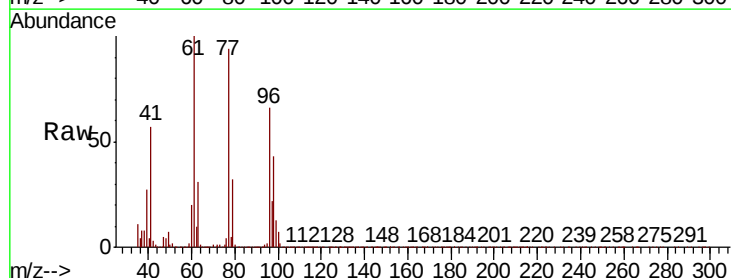
Acq: 13 Dec 2019 18:00

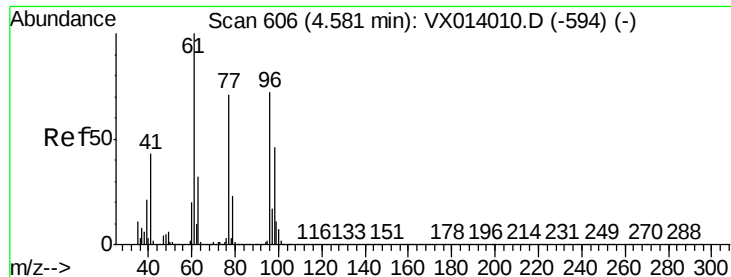
Tgt Ion: 77 Resp: 499436

Ion Ratio Lower Upper

77 100

97 23.9 11.9 35.9





#27

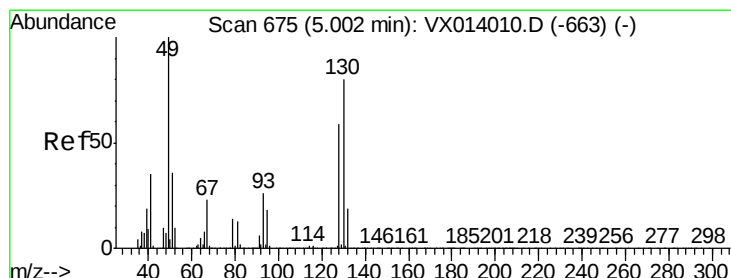
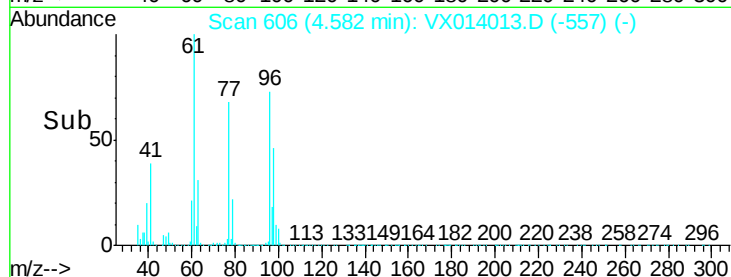
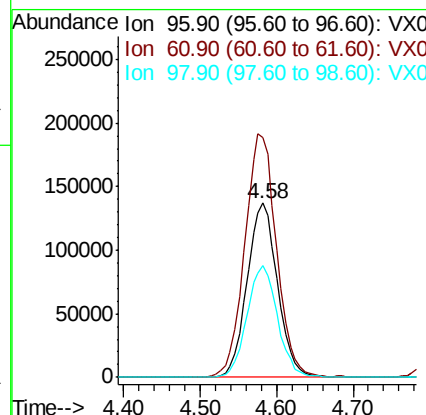
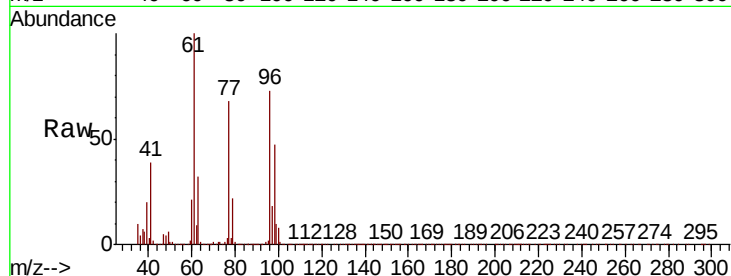
cis-1,2-Dichloroethene
Concen: 50.600 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX014013.D
Acq: 13 Dec 2019 18:00

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121319

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	145.2	0.0	288.4	
98	64.5	0.0	129.6	

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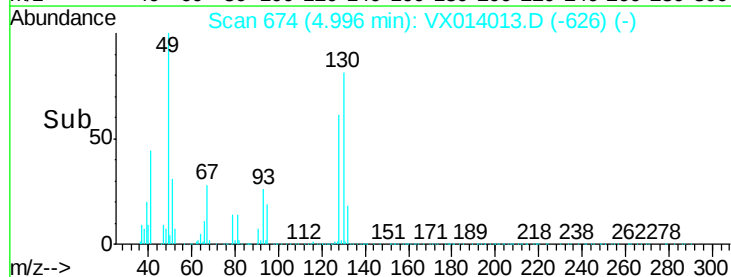
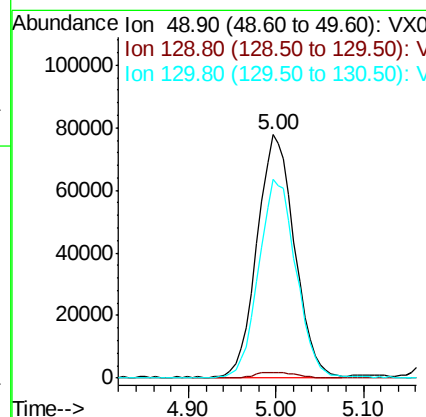
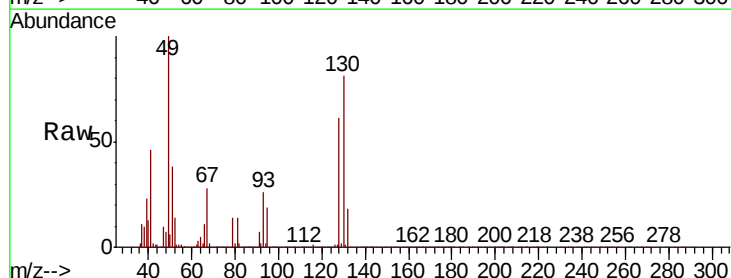
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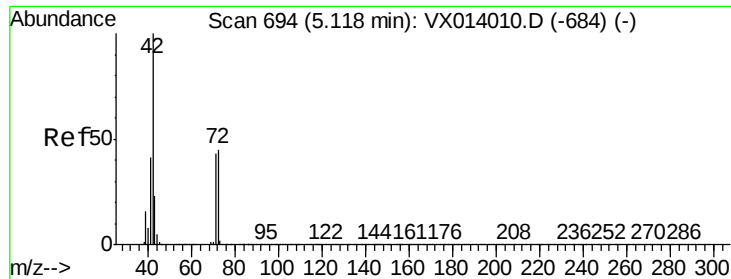


#28

Bromochloromethane
Concen: 50.825 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX014013.D
Acq: 13 Dec 2019 18:00

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.6	0.0	5.0	
130	81.2	64.6	97.0	





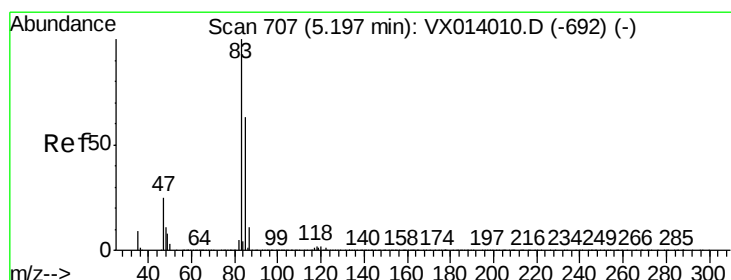
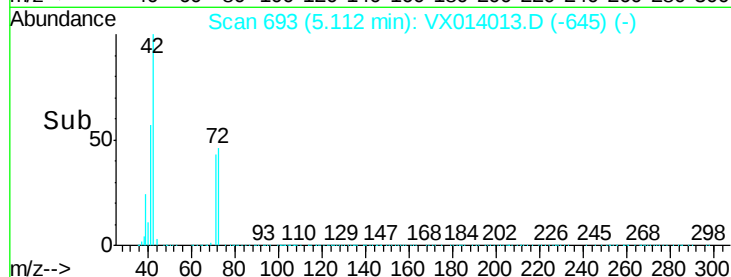
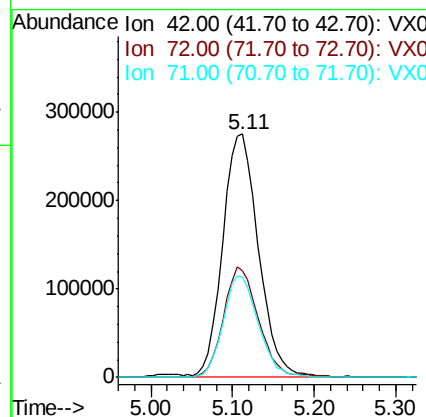
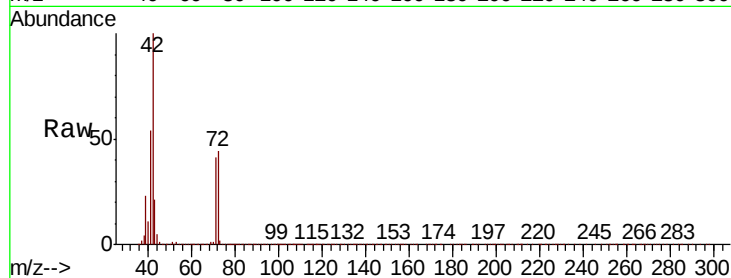
#29
Tetrahydrofuran
Concen: 263.112 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX014013.D
Acq: 13 Dec 2019 18:00

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121319

Tot Ion:	42	Resp:	829161
Ion Ratio		Lower	Upper
42	100		
72	45.0	35.8	53.8
71	41.4	33.6	50.4

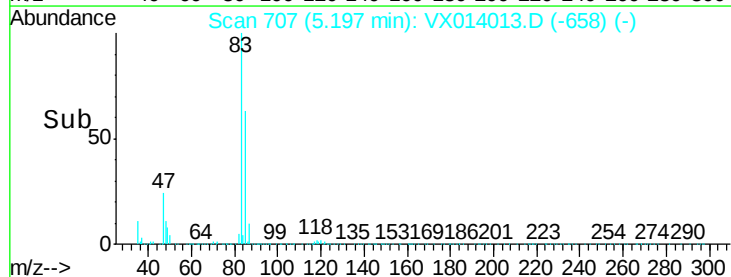
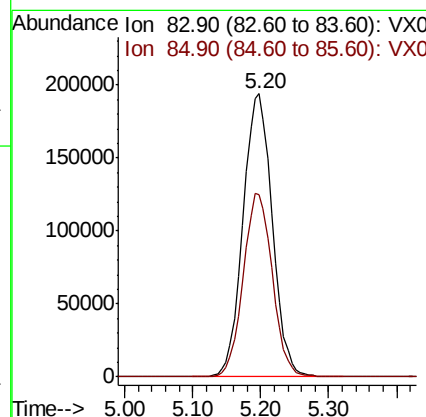
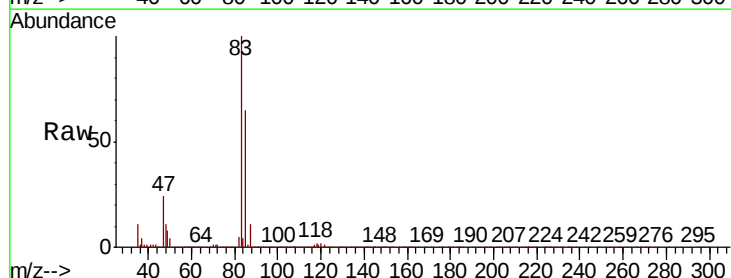
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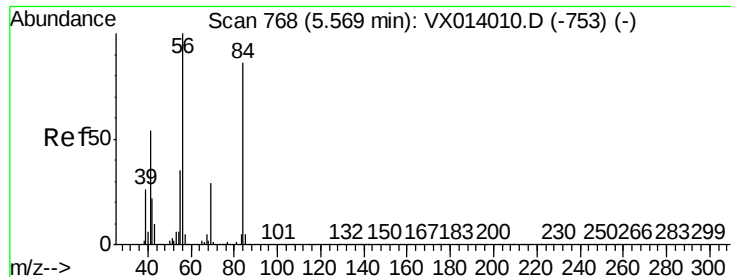
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#30
Chloroform
Concen: 51.813 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX014013.D
Acq: 13 Dec 2019 18:00

Tgt Ion:	83	Resp:	580896
Ion Ratio		Lower	Upper
83	100		
85	64.4	50.8	76.2





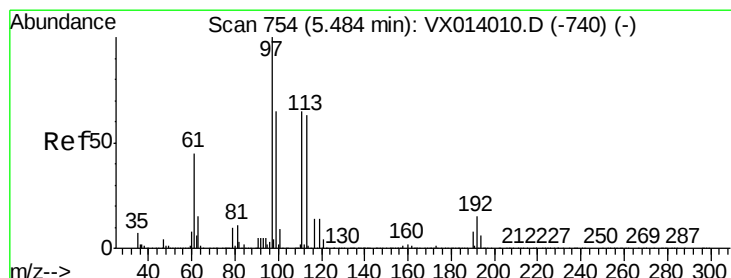
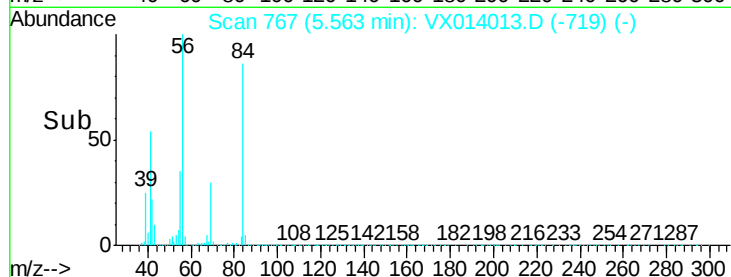
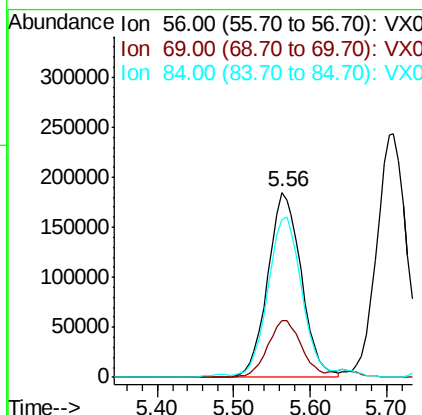
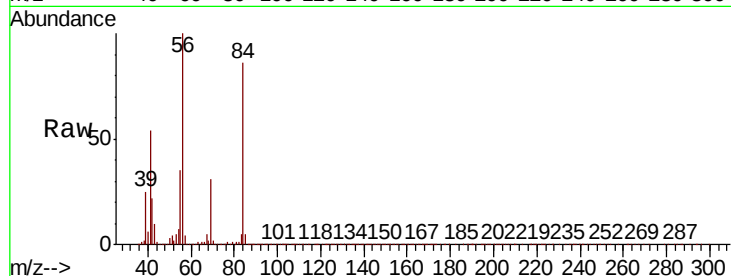
#31
Cyclohexane
Concen: 53.196 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX014013.D
Acq: 13 Dec 2019 18:00

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121319

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.3	23.2	34.8
84	85.5	69.2	103.8

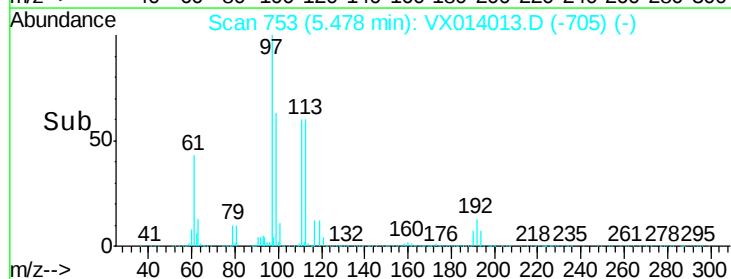
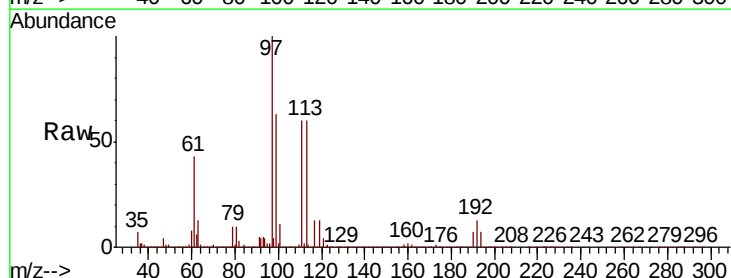
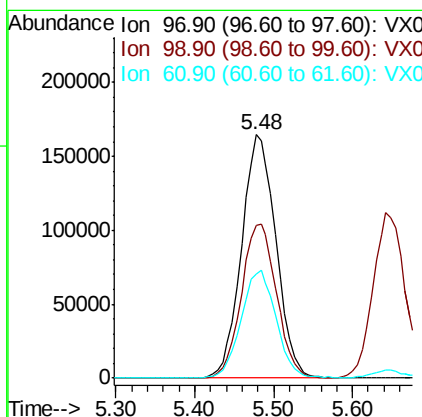
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#32
1,1,1-Trichloroethane
Concen: 52.170 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX014013.D
Acq: 13 Dec 2019 18:00

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	52.0	78.0
61	44.9	36.7	55.1





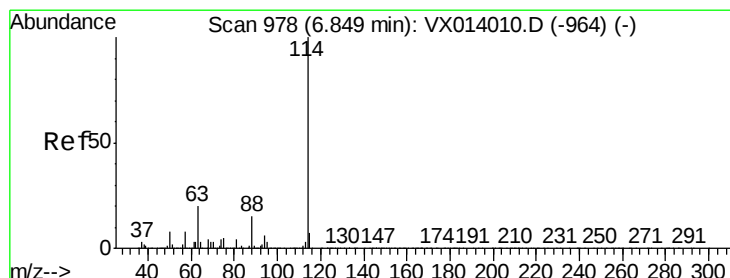
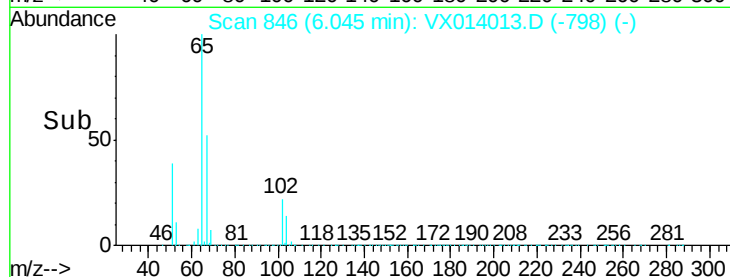
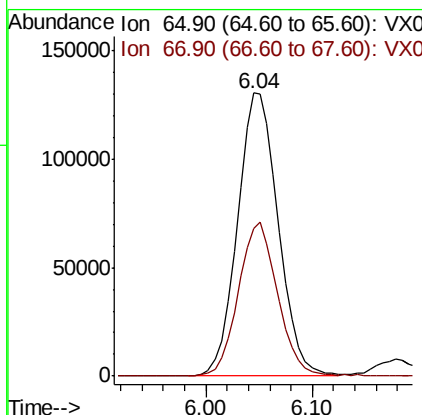
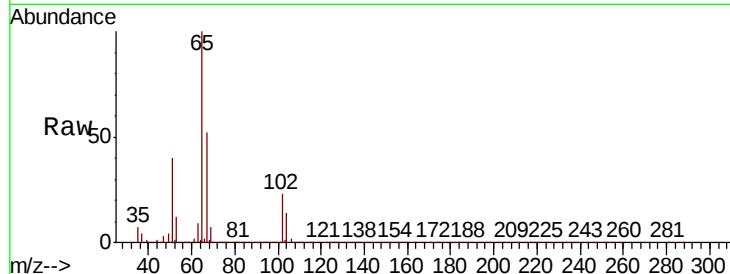
#33
 1,2-Dichloroethane-d4
 Concen: 49.379 ug/l
 RT: 6.04 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: VX014013.D
 Acq: 13 Dec 2019 18:00

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX121319

Tot Ion	Ratio	Resp	Lower	Upper
65	100	347593		
67	52.5	0.0	106.4	

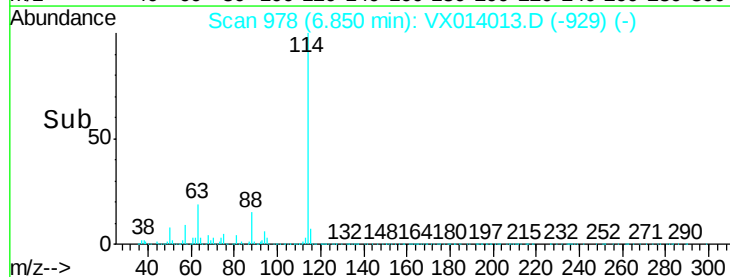
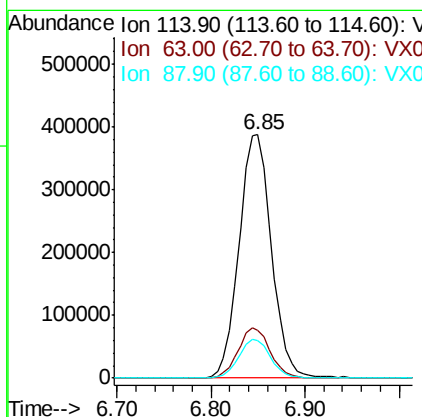
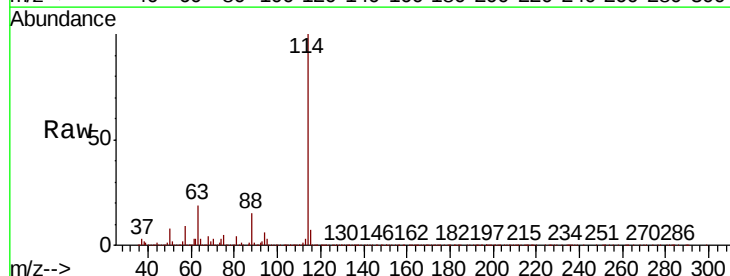
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014013.D
 Acq: 13 Dec 2019 18:00

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	932469		
63	19.4	0.0	40.8	
88	15.4	0.0	30.4	





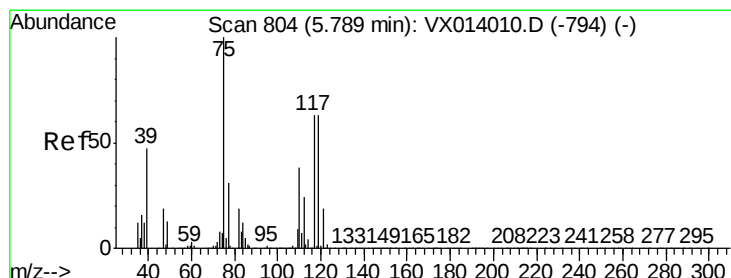
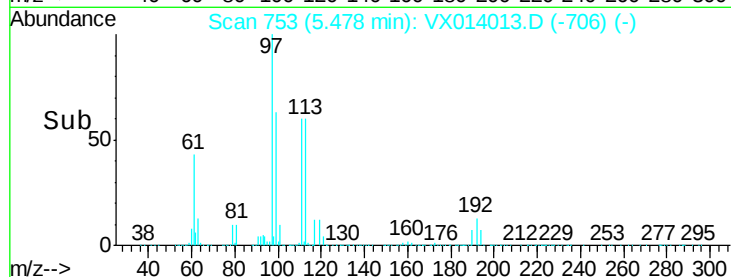
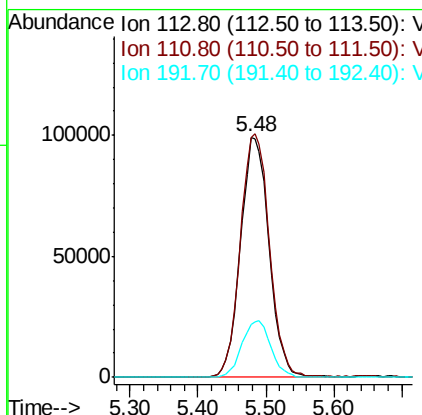
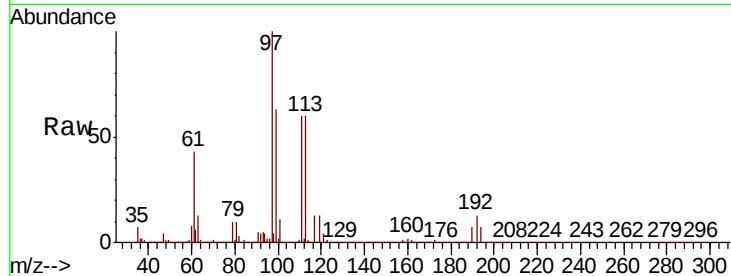
#35
Dibromofluoromethane
Concen: 51.165 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX014013.D
Acq: 13 Dec 2019 18:00

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121319

Tot Ion	Ratio	Resp	Lower	Upper
113	100	290025		
111	103.1	82.0	123.0	
192	23.6	19.3	28.9	

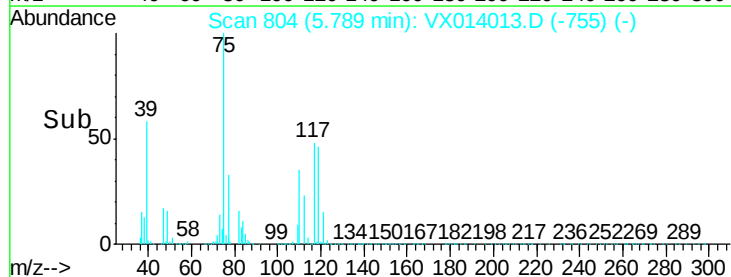
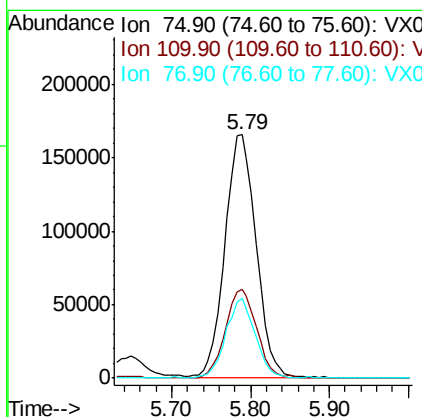
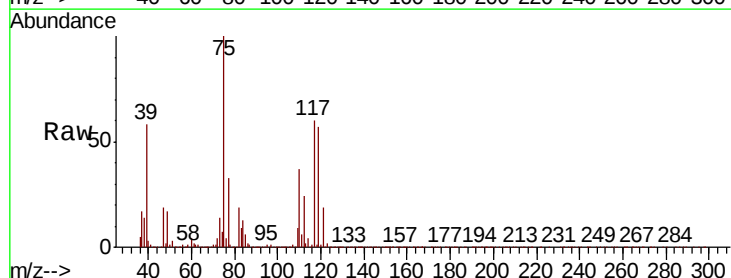
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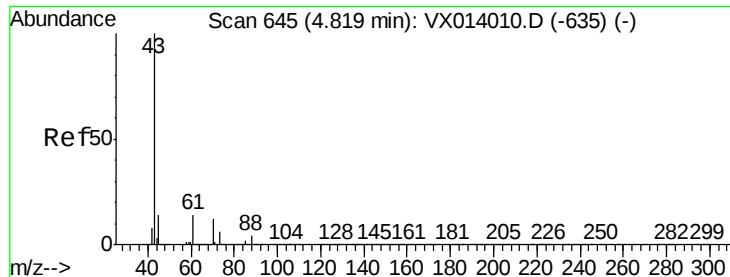
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#36
1,1-Dichloropropene
Concen: 53.063 ug/l
RT: 5.79 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX014013.D
Acq: 13 Dec 2019 18:00

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	454000		
110	36.5	18.3	54.9	
77	30.4	24.8	37.2	





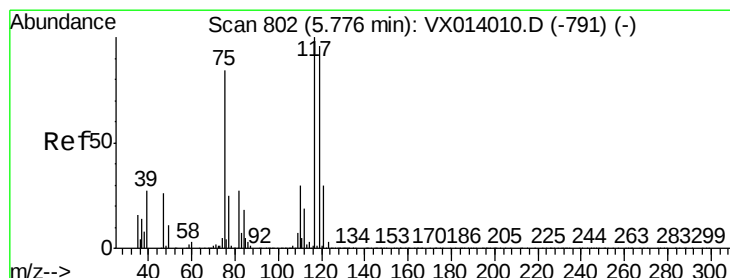
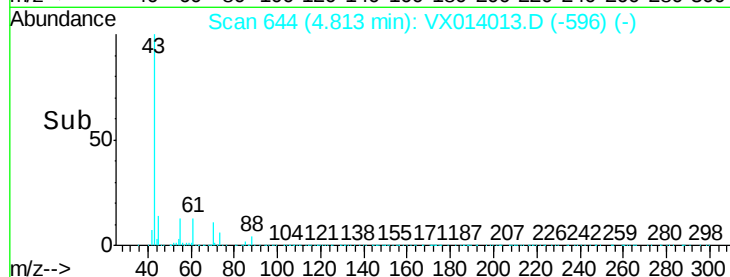
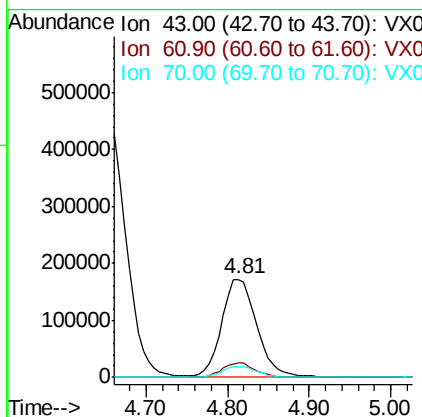
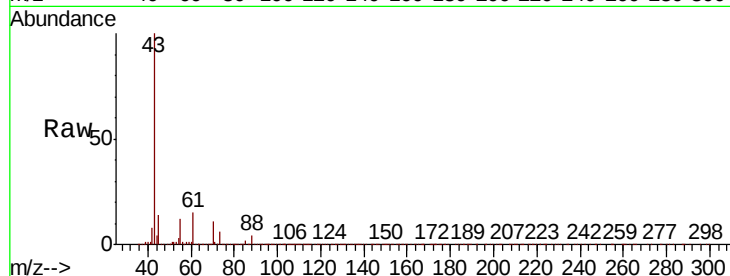
#37
Ethyl Acetate
Concen: 53.892 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014013.D
Acq: 13 Dec 2019 18:00

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121319

Tot Ion:	43	Resp:	509182
Ion	Ratio	Lower	Upper
43	100		
61	13.8	10.8	16.2
70	10.8	8.6	12.8

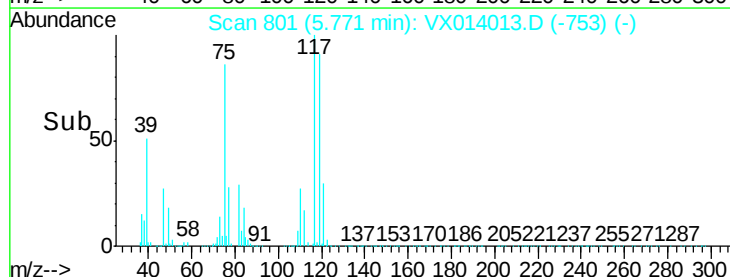
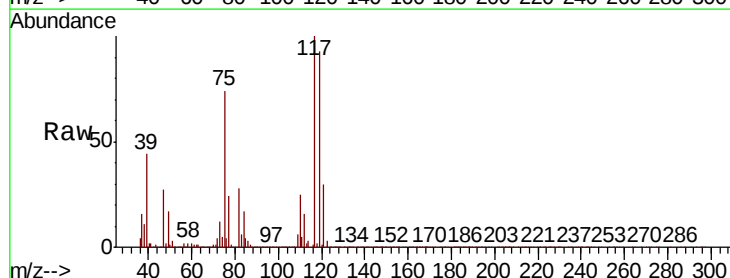
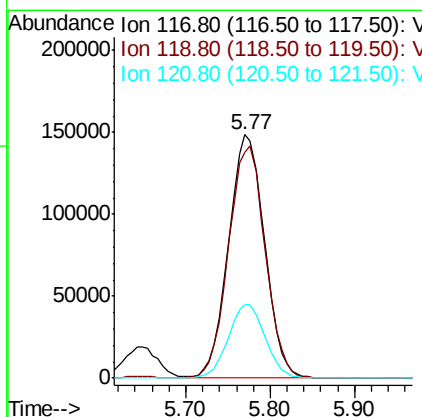
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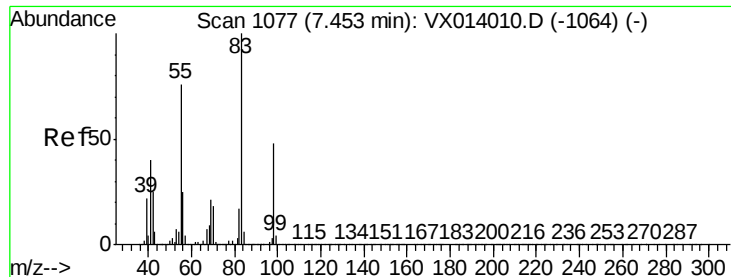
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#38
Carbon Tetrachloride
Concen: 55.084 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014013.D
Acq: 13 Dec 2019 18:00

Tgt Ion:	117	Resp:	429343
Ion	Ratio	Lower	Upper
117	100		
119	92.7	76.2	114.4
121	30.4	23.6	35.4





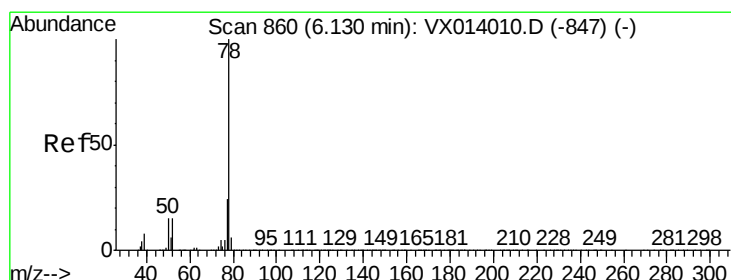
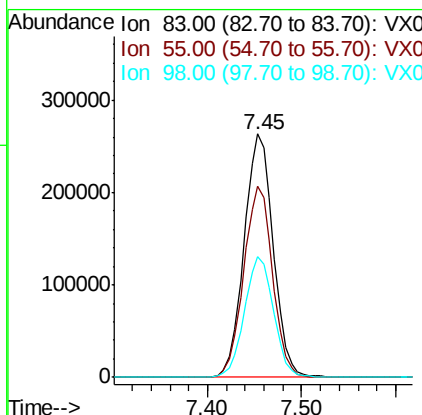
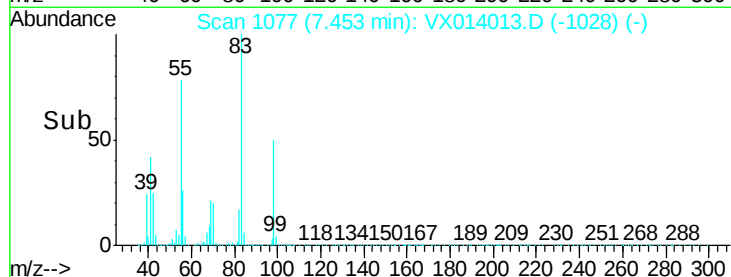
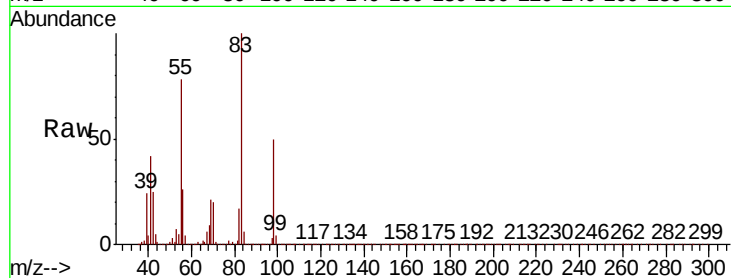
#39
Methvlcvclohexane
Concen: 54.011 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VX014013.D
Acq: 13 Dec 2019 18:00

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121319

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.2	61.0	91.6
98	49.6	38.6	57.8

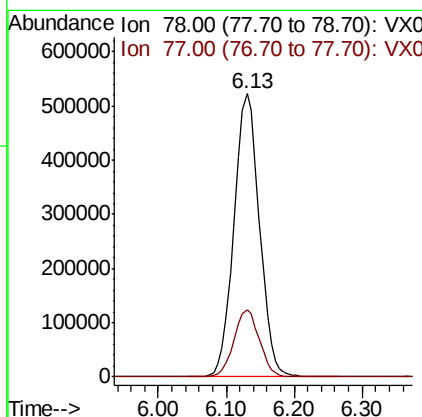
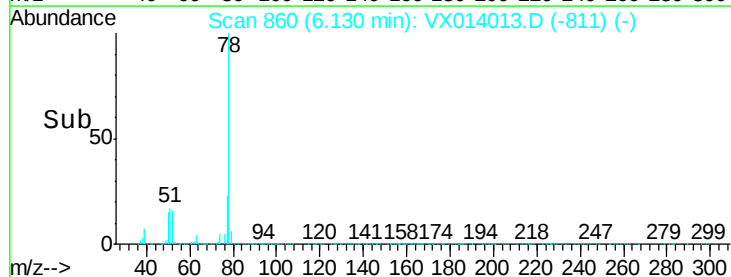
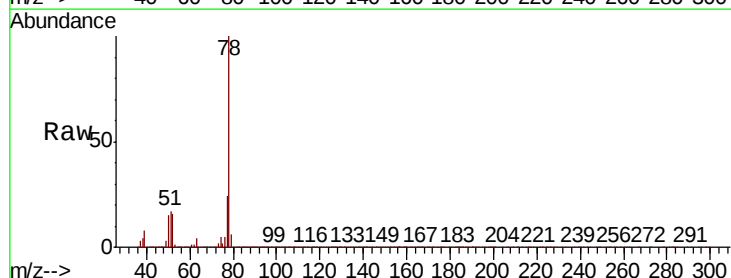
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#40
Benzene
Concen: 51.683 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX014013.D
Acq: 13 Dec 2019 18:00

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.8	28.2





#41

Methacrylonitrile

Concen: 53.997 ug/l

RT: 5.02 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX014013.D

Acq: 13 Dec 2019 18:00

Instrument :

MSVOA_X

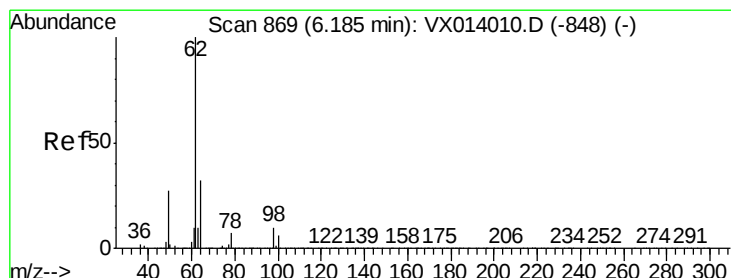
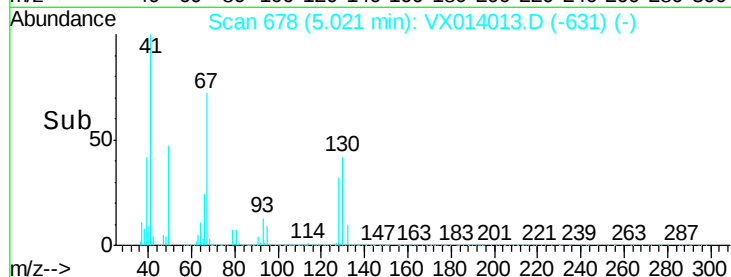
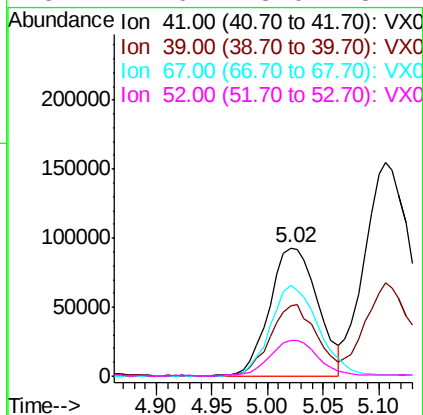
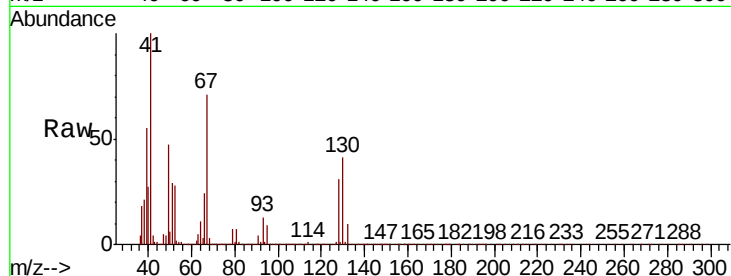
ClientSampleId :

ICVVX121319

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		283070		
39	52.9	44.5	66.7		
67	70.3	57.4	86.0		
52	27.6	23.0	34.4		

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#42

1,2-Dichloroethane

Concen: 52.570 ug/l

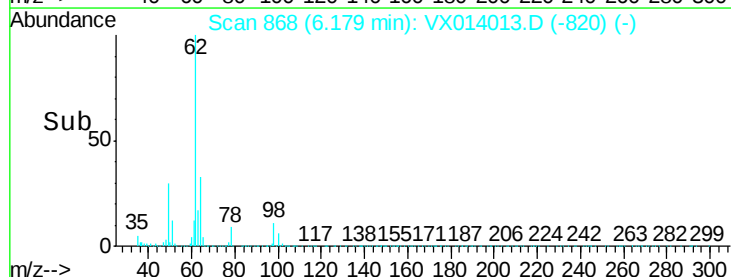
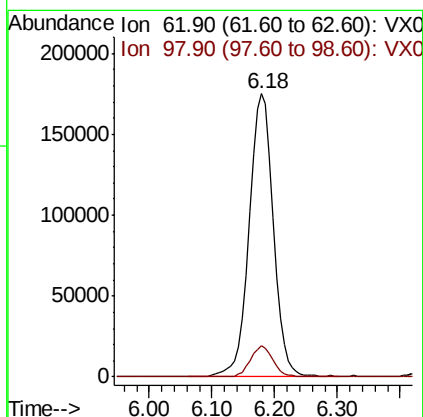
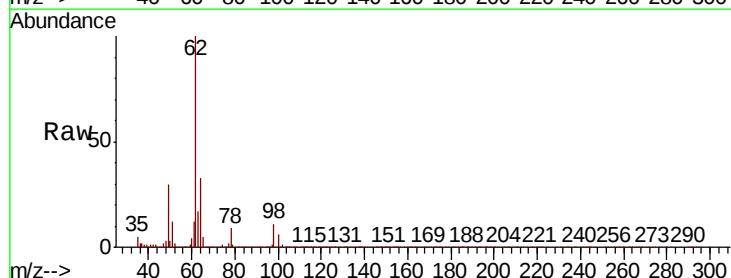
RT: 6.18 min Scan# 868

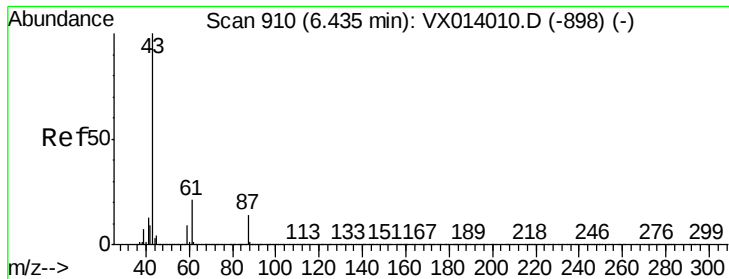
Delta R.T. -0.01 min

Lab File: VX014013.D

Acq: 13 Dec 2019 18:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		469125		
98	10.2	0.0	21.0		





#43

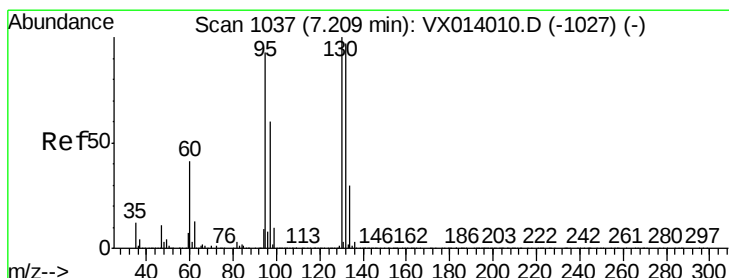
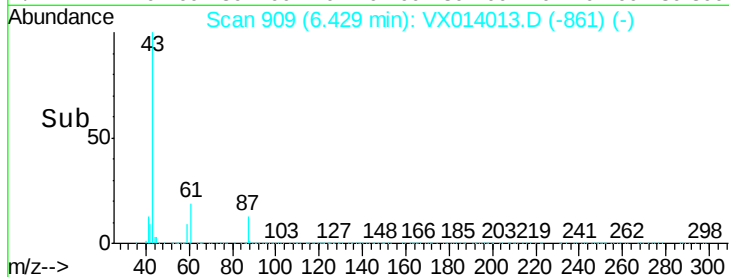
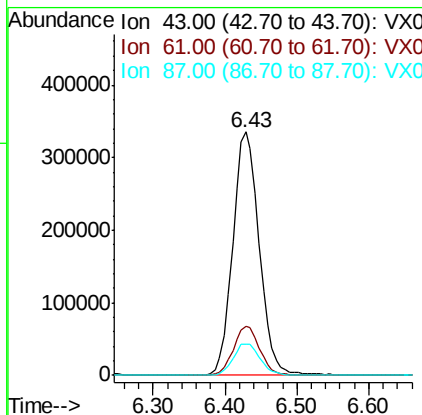
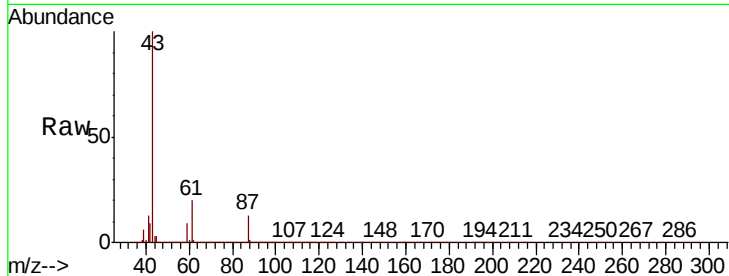
Isopropyl Acetate
 Concen: 54.361 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX014013.D
 Acq: 13 Dec 2019 18:00

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX121319

Tot Ion:	43	Resp:	850005
Ion	Ratio	Lower	Upper
43	100		
61	20.1	16.4	24.6
87	13.2	10.7	16.1

Manual Integrations
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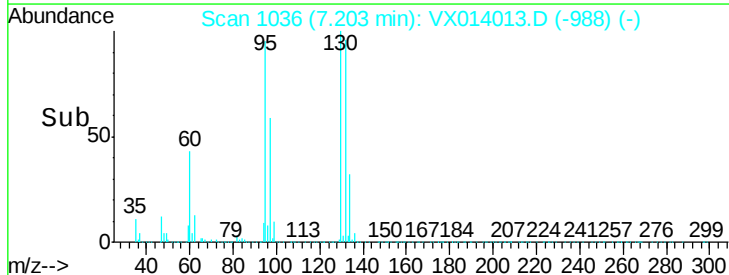
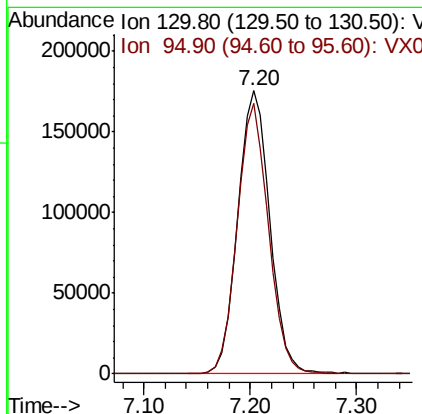
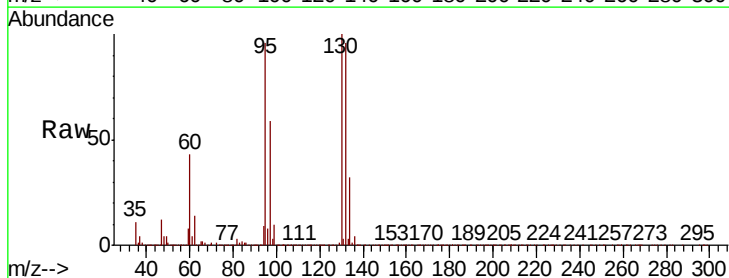
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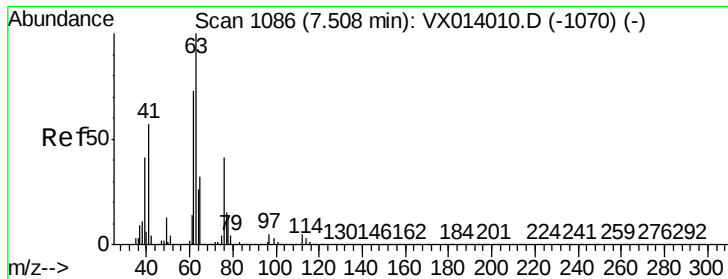


#44

Trichloroethene
 Concen: 51.035 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014013.D
 Acq: 13 Dec 2019 18:00

Tgt Ion:	130	Resp:	371092
Ion	Ratio	Lower	Upper
130	100		
95	95.5	0.0	185.6





#45

1,2-Dichloropropane

Concen: 51.894 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX014013.D

Acq: 13 Dec 2019 18:00

Instrument :

MSVOA_X

ClientSampleId :

ICVVX121319

Tot Ion: 63 Resp: 350152

Ion Ratio Lower Upper

63 100

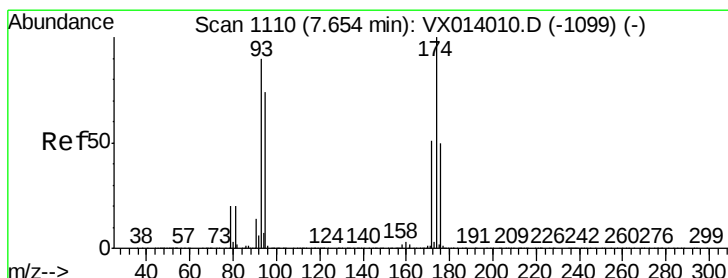
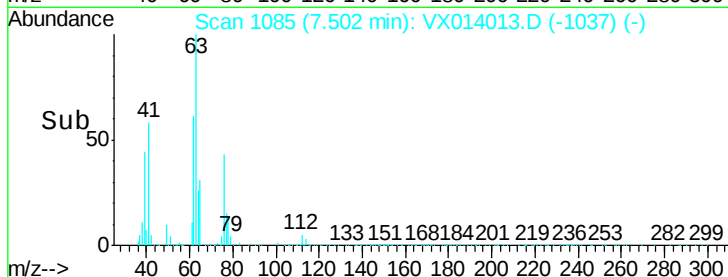
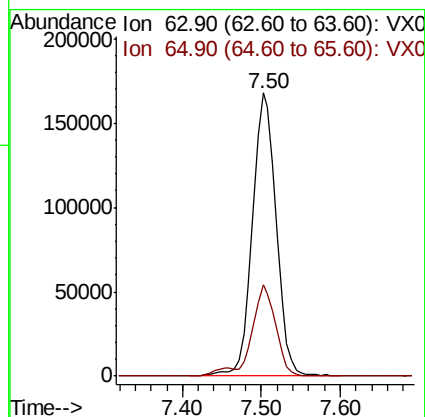
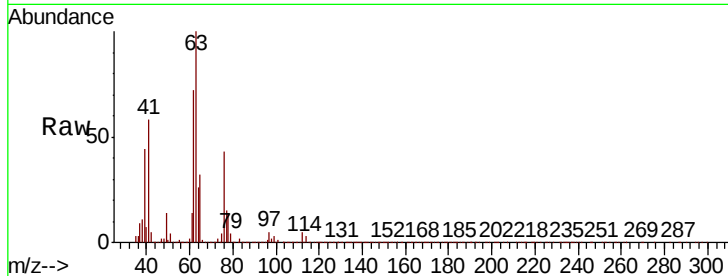
65 32.4 25.8 38.8

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#46

Dibromomethane

Concen: 51.535 ug/l

RT: 7.65 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VX014013.D

Acq: 13 Dec 2019 18:00

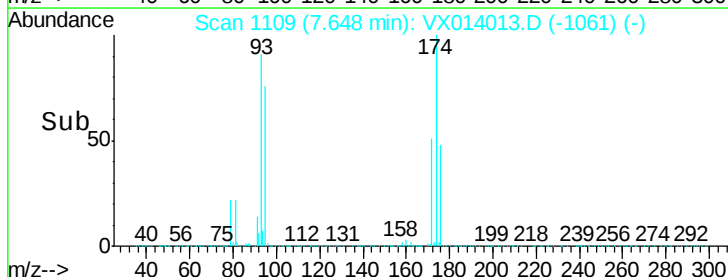
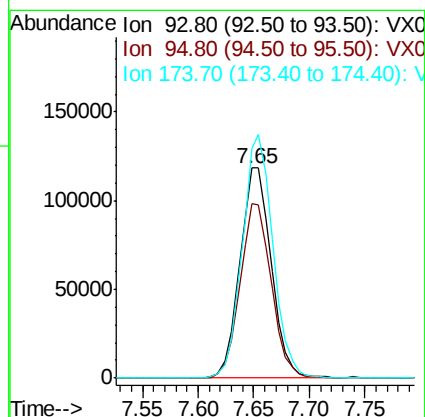
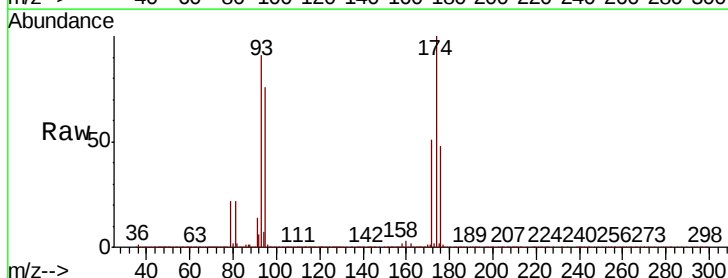
Tgt Ion: 93 Resp: 229903

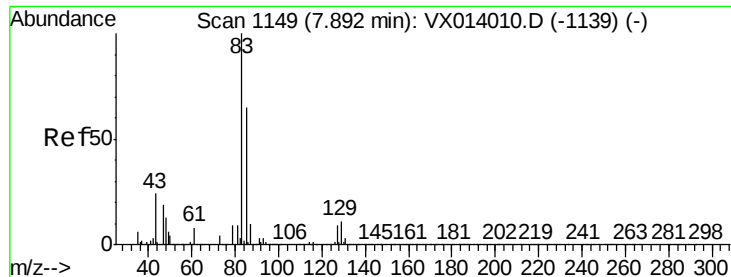
Ion Ratio Lower Upper

93 100

95 82.7 67.3 100.9

174 114.0 91.6 137.4





#47

Bromodichloromethane

Concen: 53.914 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014013.D

Acq: 13 Dec 2019 18:00

Instrument :

MSVOA_X

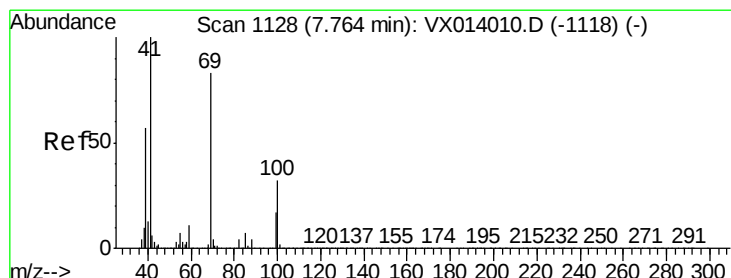
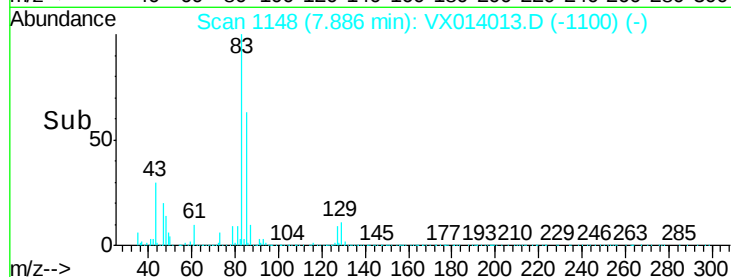
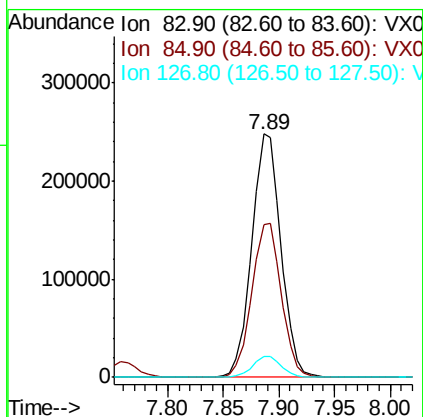
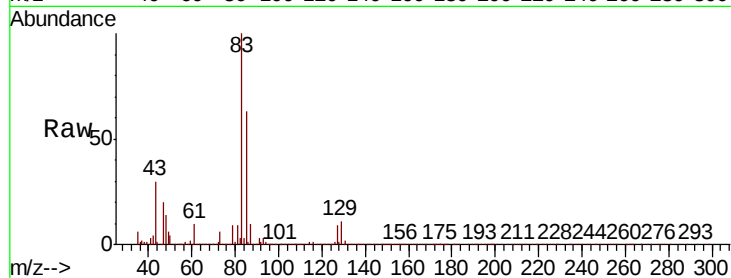
ClientSampleId :

ICVVX121319

Tot Ion:	83	Resp:	452971
Ion Ratio	Lower	Upper	
83	100		
85	62.8	51.8	77.8
127	8.4	7.0	10.4

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#48

Methyl methacrylate

Concen: 54.148 ug/l

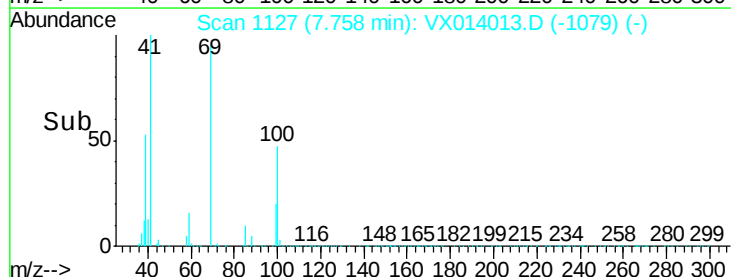
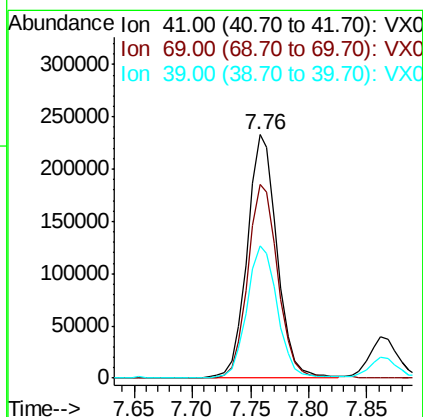
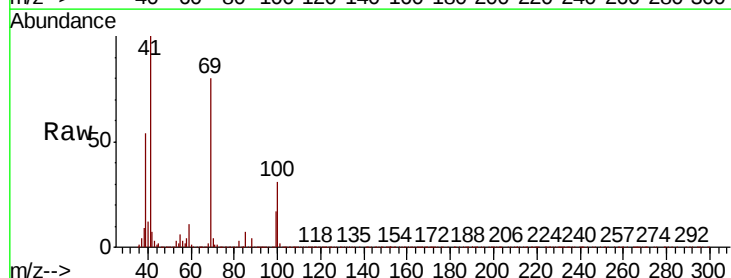
RT: 7.76 min Scan# 1127

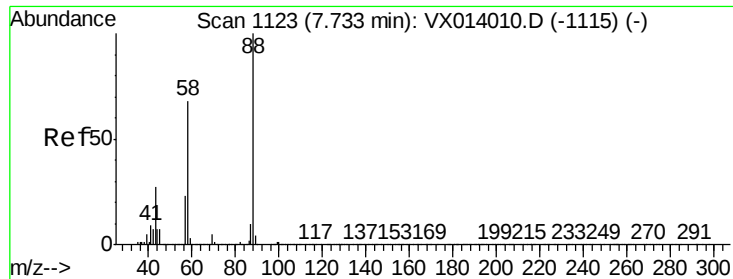
Delta R.T. -0.01 min

Lab File: VX014013.D

Acq: 13 Dec 2019 18:00

Tgt Ion:	41	Resp:	414594
Ion Ratio	Lower	Upper	
41	100		
69	80.9	65.8	98.6
39	55.6	44.6	67.0





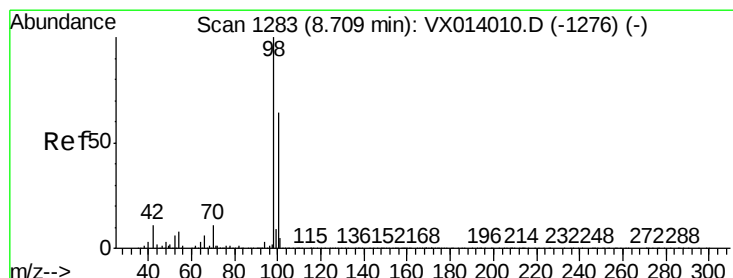
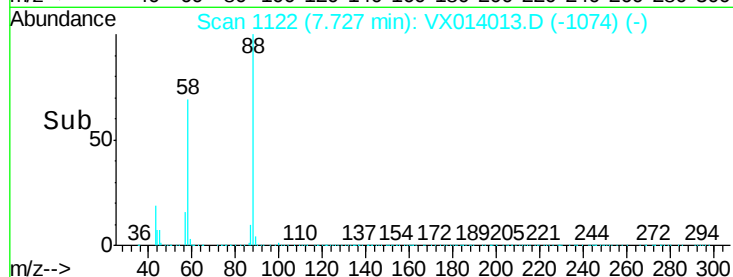
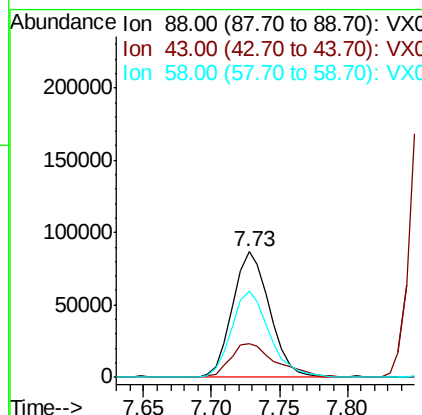
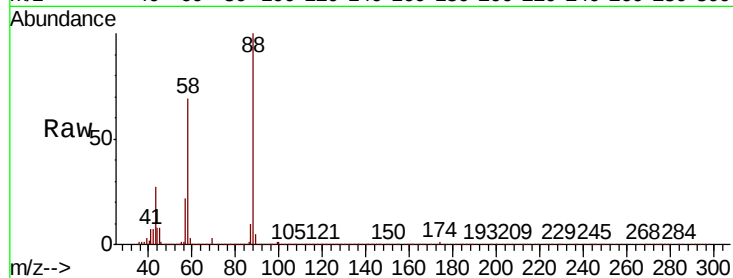
#49
1,4-Dioxane
Concen: 1051.128 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX014013.D
Acq: 13 Dec 2019 18:00

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121319

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.3	26.5	39.7
58	71.6	56.8	85.2

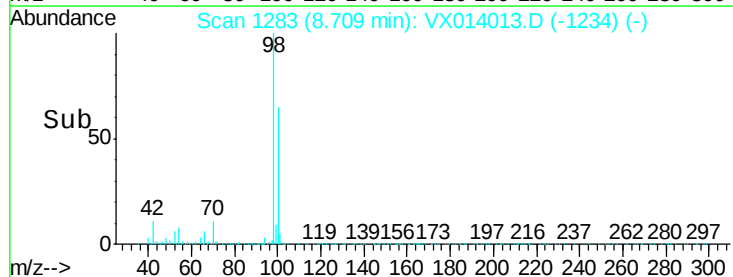
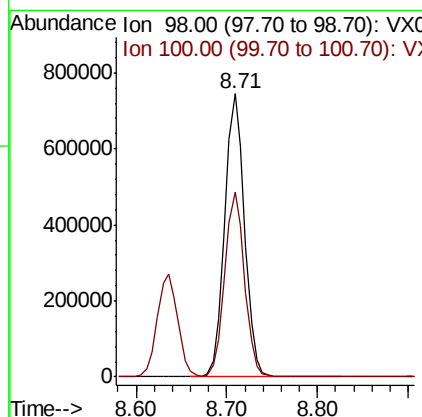
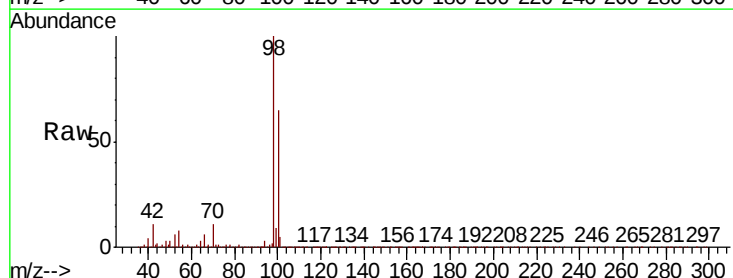
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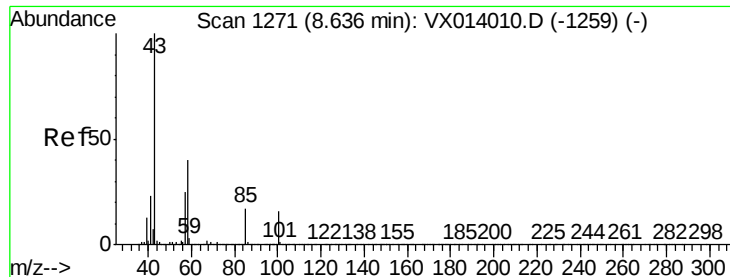
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#50
Toluene-d8
Concen: 51.168 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014013.D
Acq: 13 Dec 2019 18:00

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 262.786 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX014013.D

Acq: 13 Dec 2019 18:00

Instrument :

MSVOA_X

ClientSampleId :

ICVVX121319

Tot Ion: 43 Resp: 2580512

Ion Ratio Lower Upper

43 100

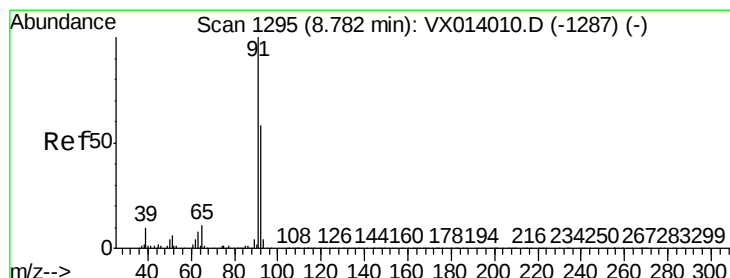
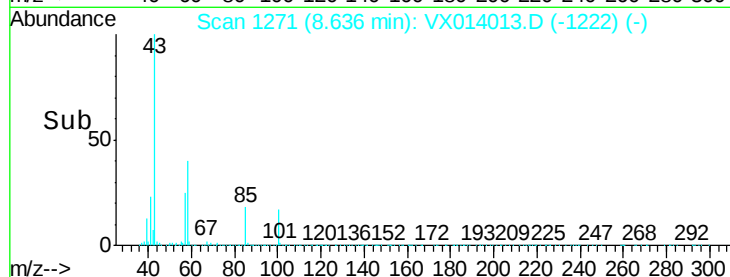
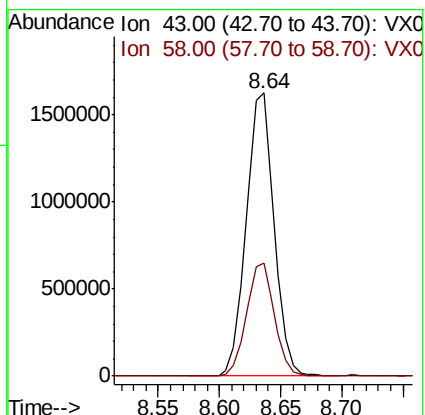
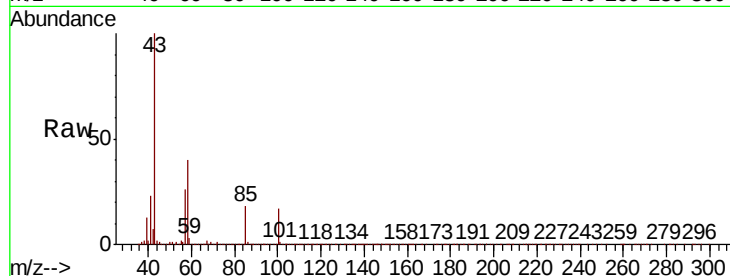
58 39.9 32.2 48.2

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#52

Toluene

Concen: 51.512 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014013.D

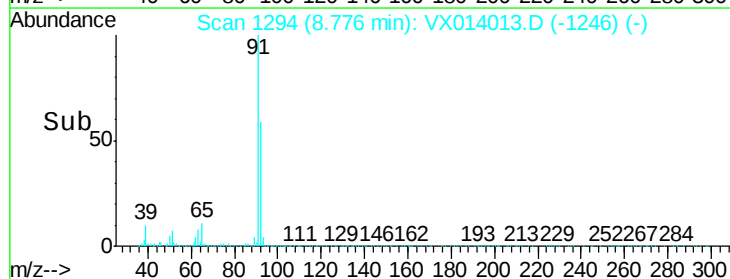
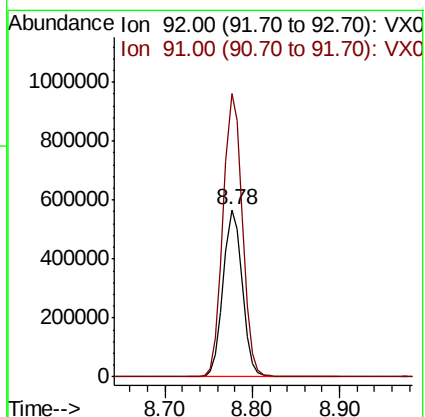
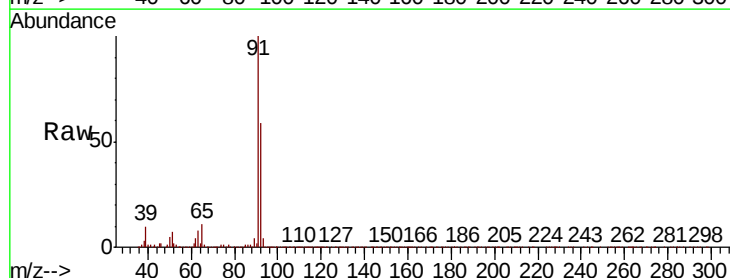
Acq: 13 Dec 2019 18:00

Tgt Ion: 92 Resp: 857143

Ion Ratio Lower Upper

92 100

91 171.4 136.2 204.4





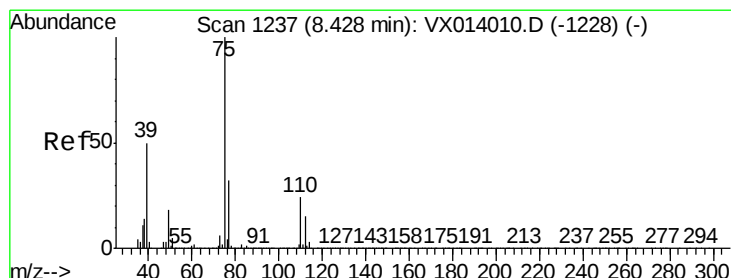
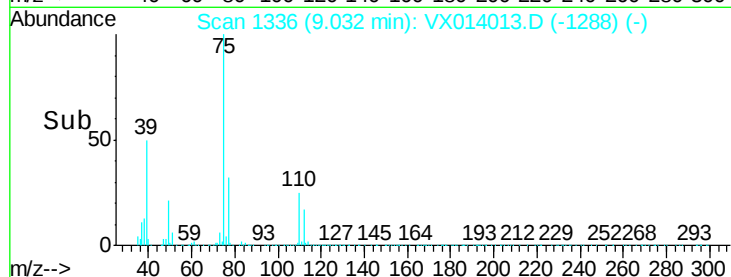
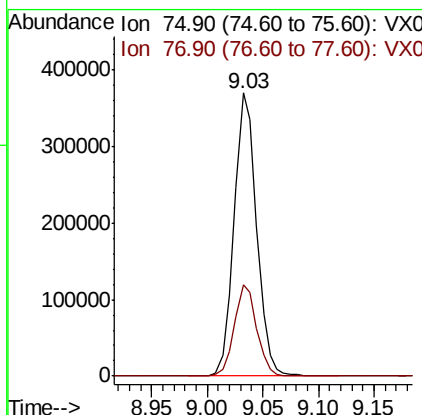
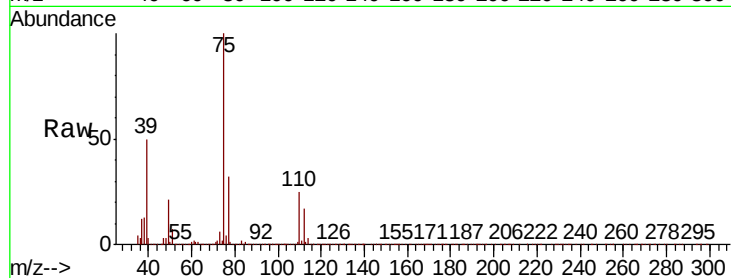
#53
t-1,3-Dichloropropene
Concen: 56.109 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX014013.D
Acq: 13 Dec 2019 18:00

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121319

Tot Ion: 75 Resp: 516909
Ion Ratio Lower Upper
75 100
77 32.1 25.1 37.7

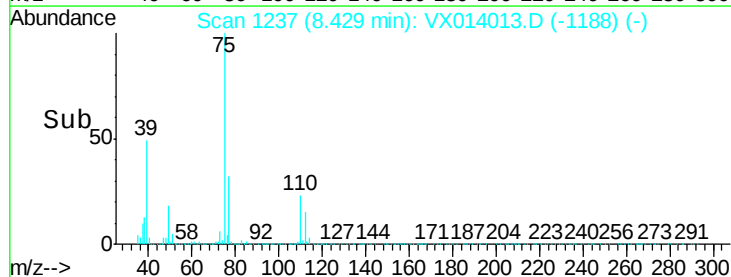
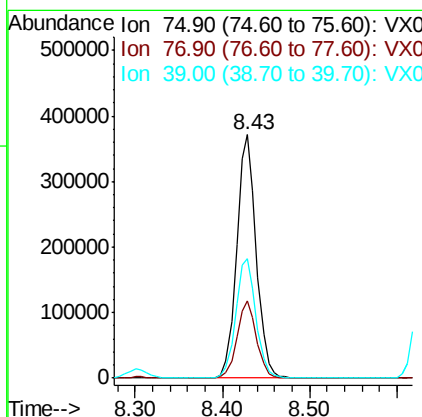
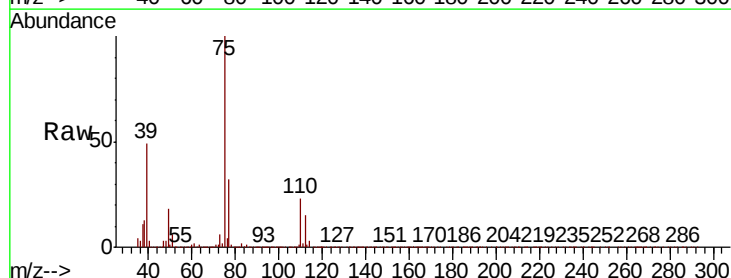
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#54
cis-1,3-Dichloropropene
Concen: 56.374 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014013.D
Acq: 13 Dec 2019 18:00

Tgt Ion: 75 Resp: 578598
Ion Ratio Lower Upper
75 100
77 31.9 25.3 37.9
39 49.1 39.9 59.9





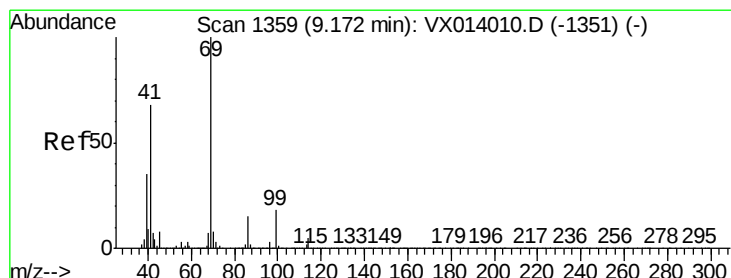
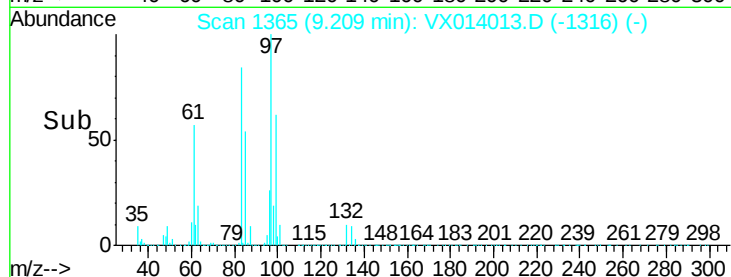
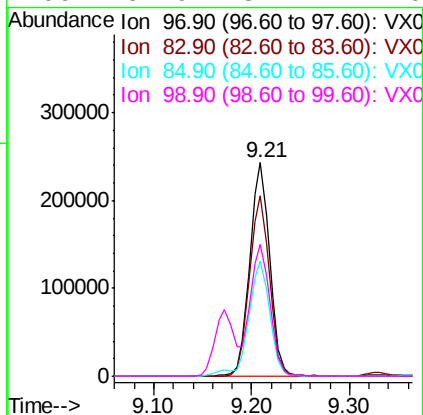
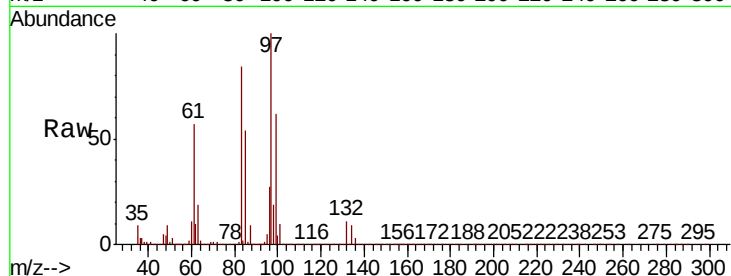
#55
 1,1,2-Trichloroethane
 Concen: 51.430 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014013.D
 Acq: 13 Dec 2019 18:00

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX121319

Tot Ion:	97	Resp:	342987
Ion Ratio	Lower	Upper	
97	100		
83	84.3	68.2	102.4
85	53.8	44.6	66.8
99	61.9	51.4	77.0

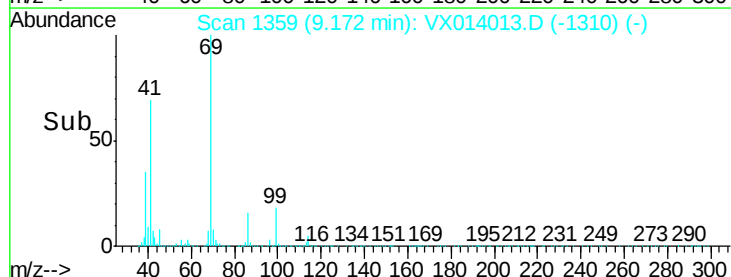
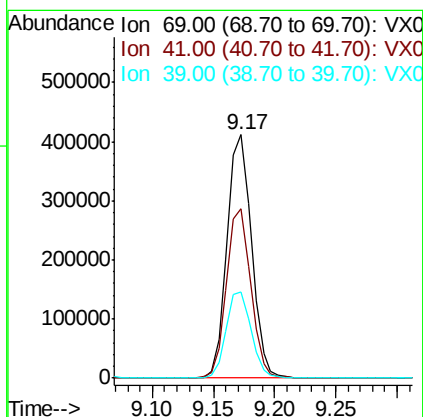
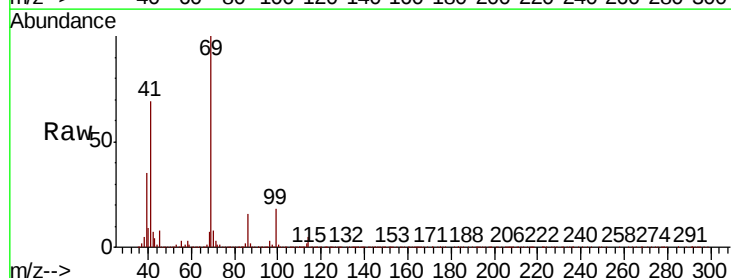
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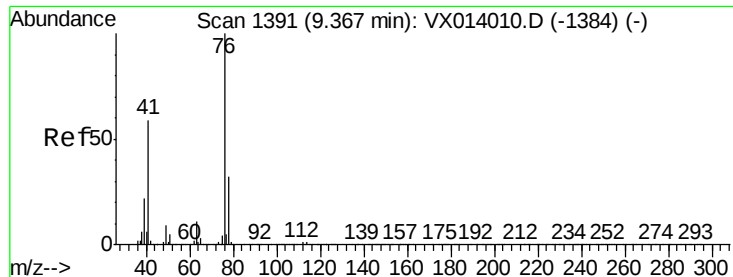
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#56
 Ethyl methacrylate
 Concen: 54.481 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014013.D
 Acq: 13 Dec 2019 18:00

Tgt Ion:	69	Resp:	570730
Ion Ratio	Lower	Upper	
69	100		
41	68.6	54.8	82.2
39	36.2	28.3	42.5





#57

1,3-Dichloropropane

Concen: 52.245 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014013.D

Acq: 13 Dec 2019 18:00

Instrument :

MSVOA_X

ClientSampleId :

ICVVX121319

Tot Ion: 76 Resp: 586215

Ion Ratio Lower Upper

76 100

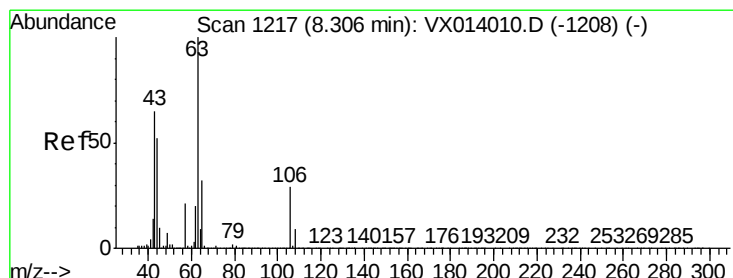
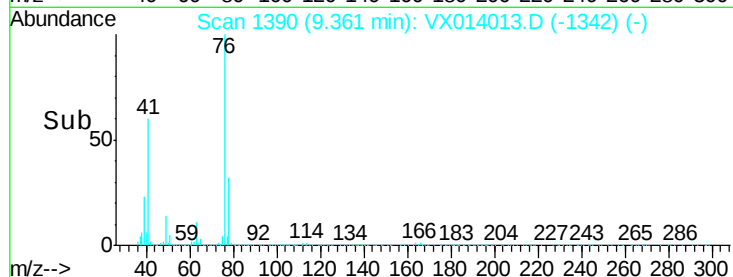
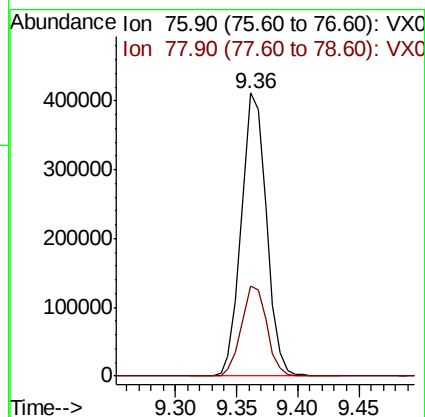
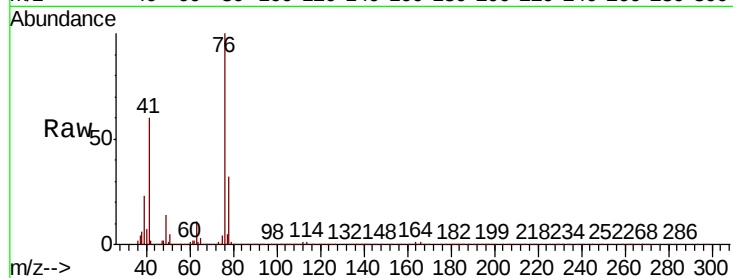
78 32.2 25.8 38.6

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#58

2-Chloroethyl Vinyl ether

Concen: 254.171 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014013.D

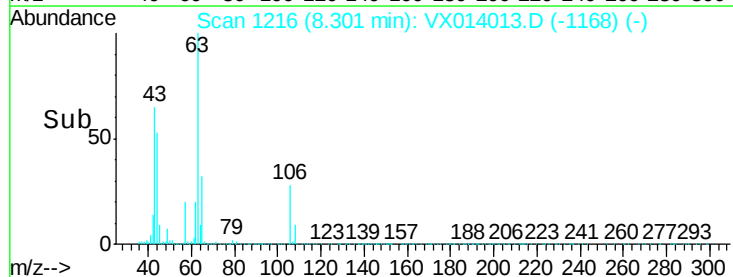
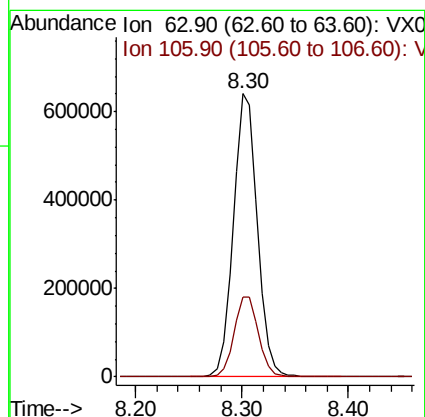
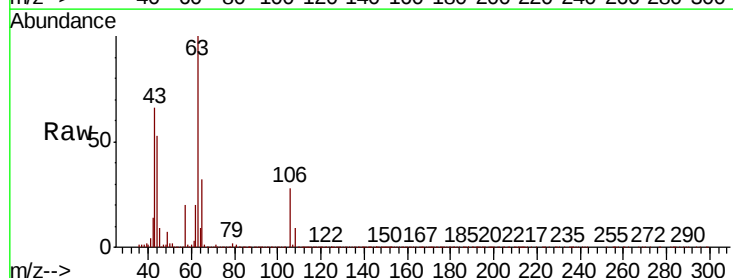
Acq: 13 Dec 2019 18:00

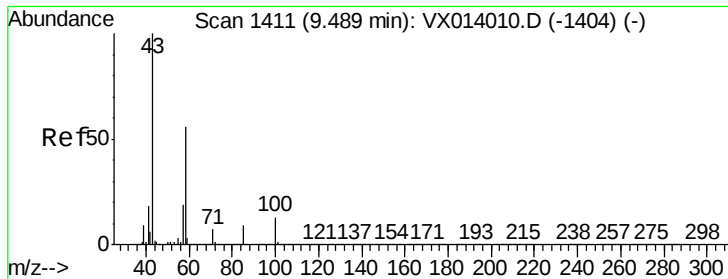
Tgt Ion: 63 Resp: 1007644

Ion Ratio Lower Upper

63 100

106 28.8 23.0 34.6





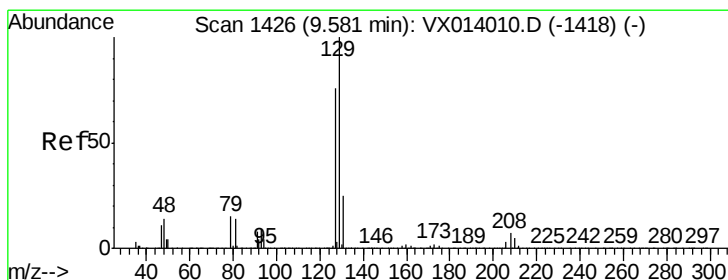
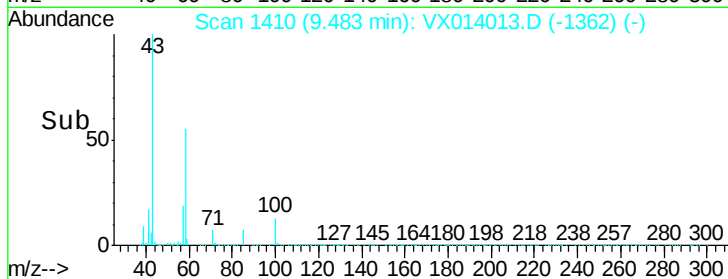
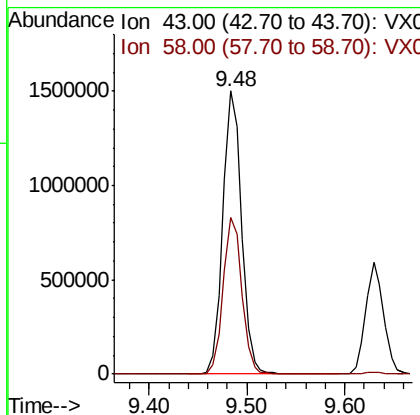
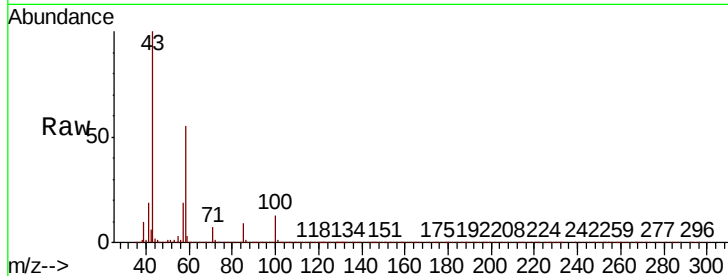
#59
2-Hexanone
Concen: 252.423 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014013.D
Acq: 13 Dec 2019 18:00

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121319

Tot Ion: 43 Resp: 1995401
Ion Ratio Lower Upper
43 100
58 55.6 28.0 84.0

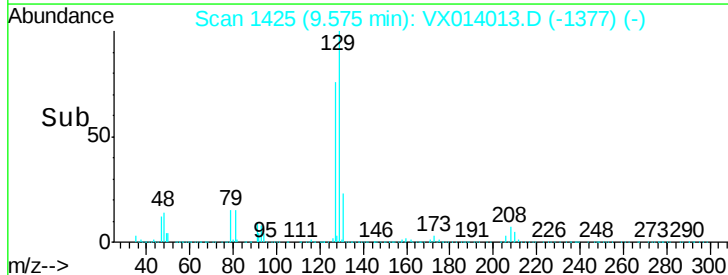
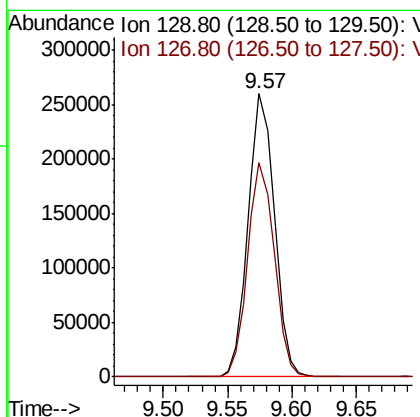
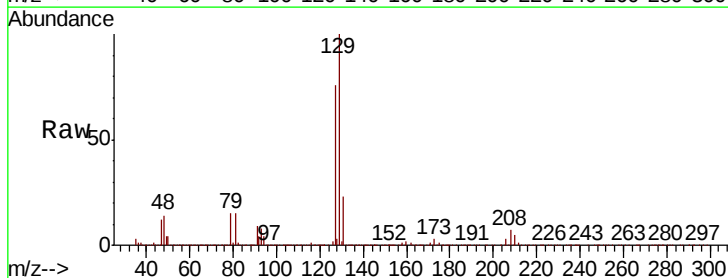
Manual Integrations
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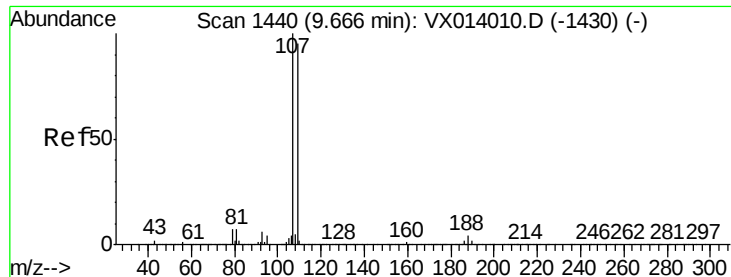
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#60
Dibromochloromethane
Concen: 55.271 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014013.D
Acq: 13 Dec 2019 18:00

Tgt Ion: 129 Resp: 366389
Ion Ratio Lower Upper
129 100
127 76.6 38.4 115.2





#61

1,2-Dibromoethane

Concen: 52.886 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014013.D

Acq: 13 Dec 2019 18:00

Instrument :

MSVOA_X

ClientSampleId :

ICVVX121319

Tot Ion: 107 Resp: 360865

Ion Ratio Lower Upper

107 100

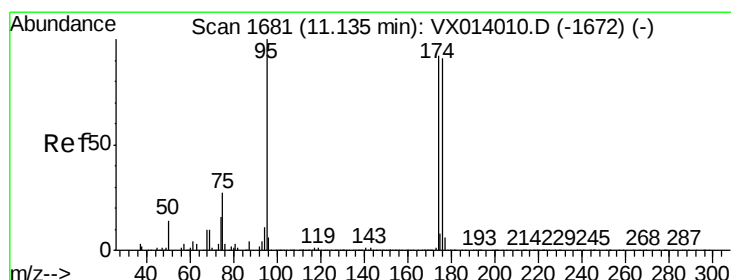
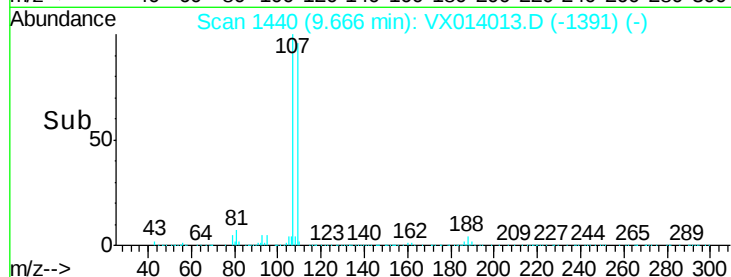
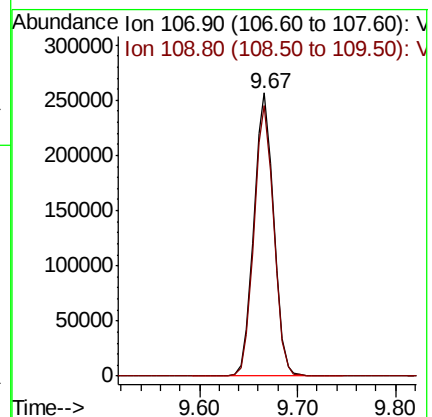
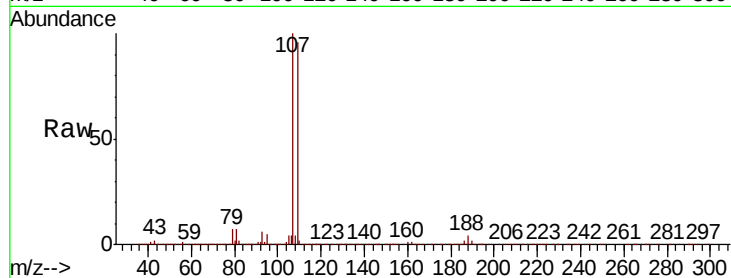
109 95.0 75.7 113.5

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#62

4-Bromofluorobenzene

Concen: 50.095 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014013.D

Acq: 13 Dec 2019 18:00

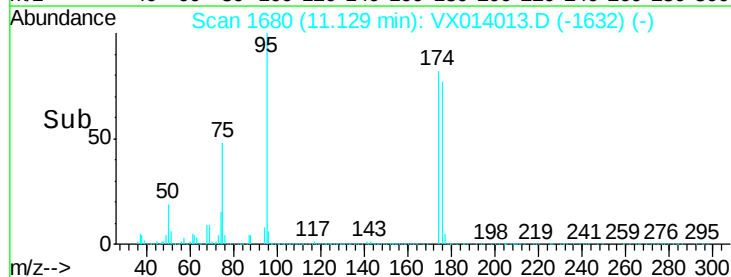
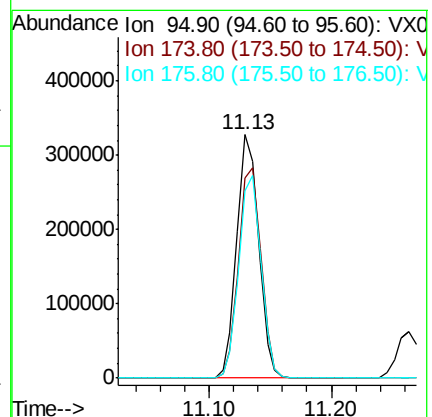
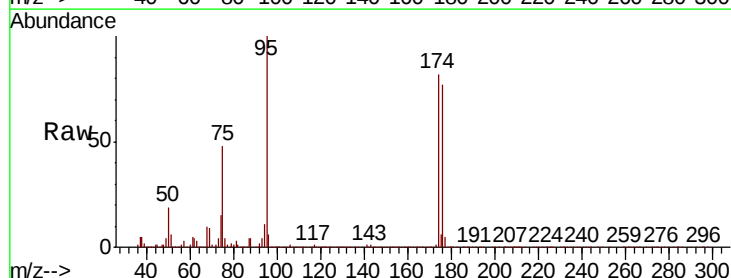
Tgt Ion: 95 Resp: 404114

Ion Ratio Lower Upper

95 100

174 89.2 0.0 175.8

176 84.7 0.0 173.0





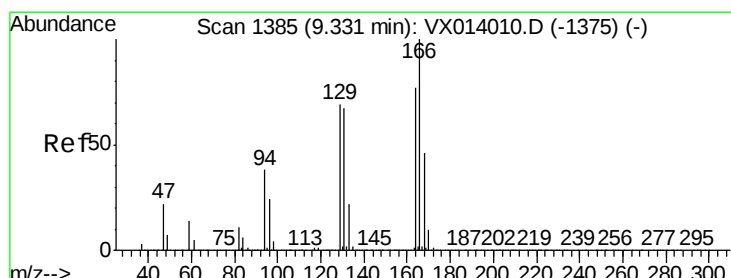
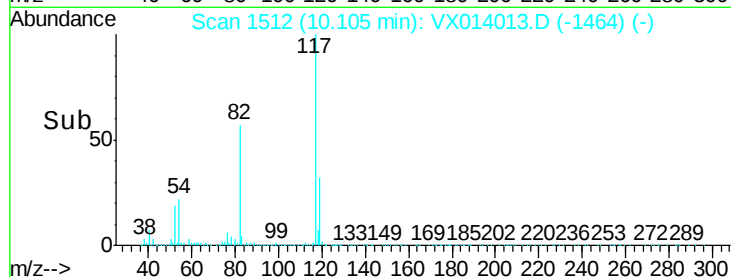
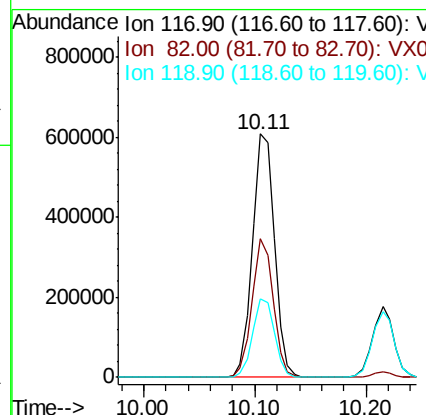
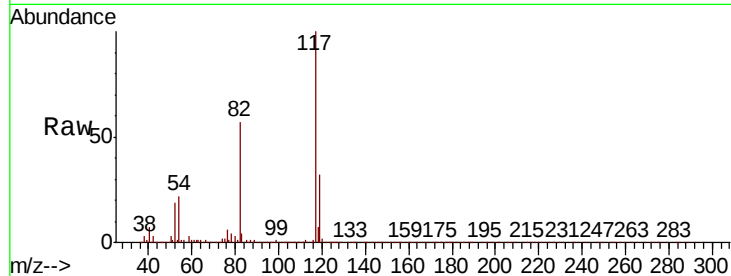
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014013.D
Acq: 13 Dec 2019 18:00

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121319

Tot Ion	Ratio	Resp	Lower	Upper
117	100	835490		
82	56.7		42.2	63.4
119	32.0		25.1	37.7

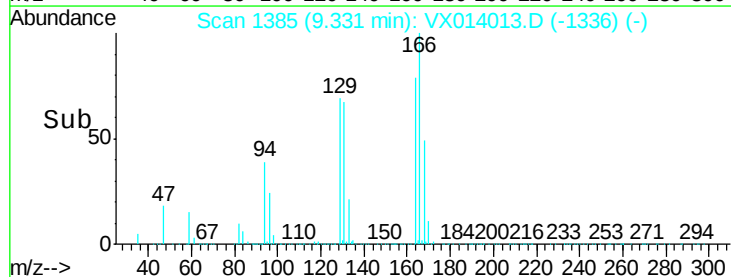
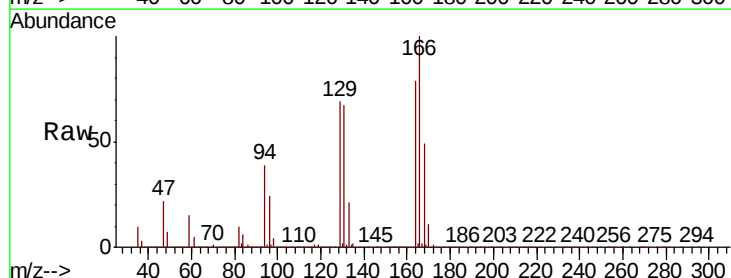
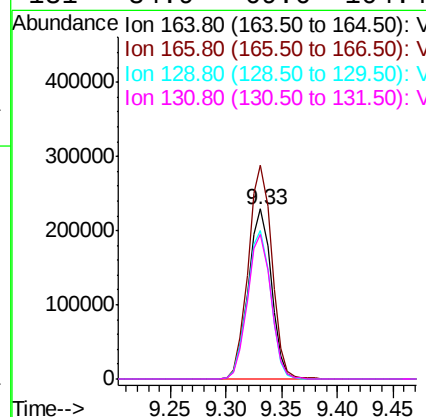
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#64
Tetrachloroethene
Concen: 44.918 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014013.D
Acq: 13 Dec 2019 18:00

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	332078		
166	125.8		104.0	156.0
129	87.0		72.2	108.4
131	84.9		69.6	104.4





#65

Chlorobenzene

Concen: 51.674 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014013.D

Acq: 13 Dec 2019 18:00

Instrument :

MSVOA_X

ClientSampleId :

ICVX121319

Tot Ion:112 Resp: 917959

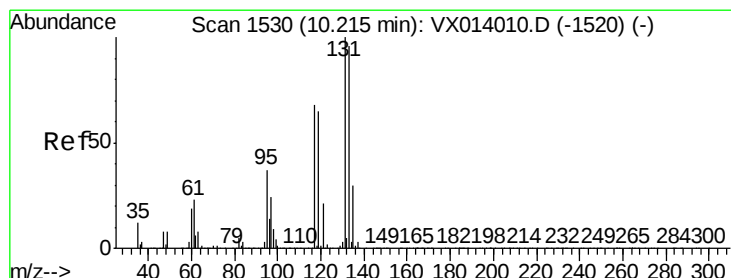
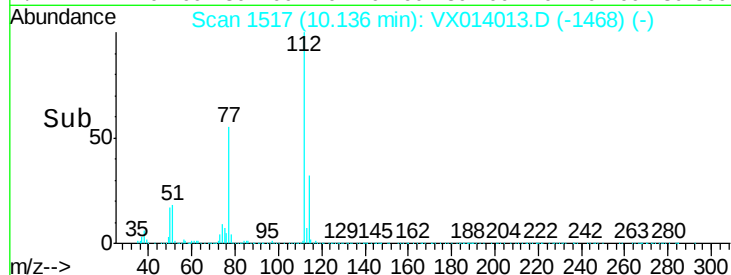
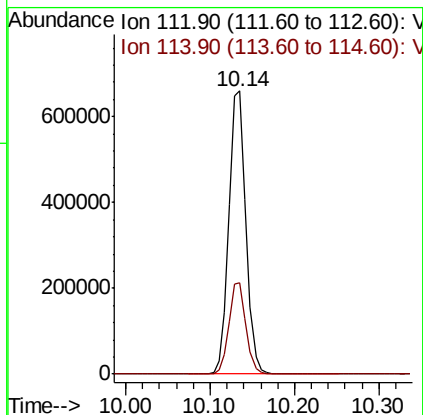
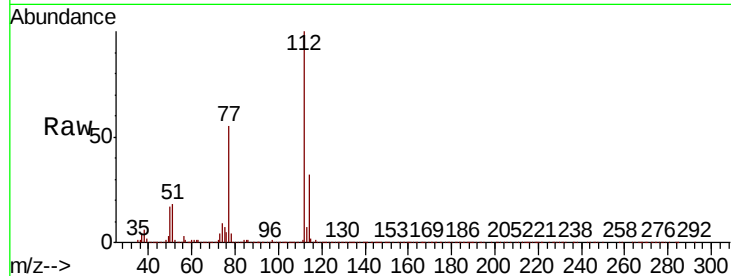
Ion Ratio Lower Upper

112 100

114 32.2 24.9 37.3

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#66

1,1,1,2-Tetrachloroethane

Concen: 53.581 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014013.D

Acq: 13 Dec 2019 18:00

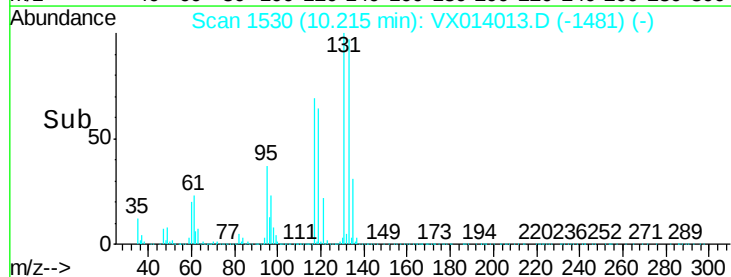
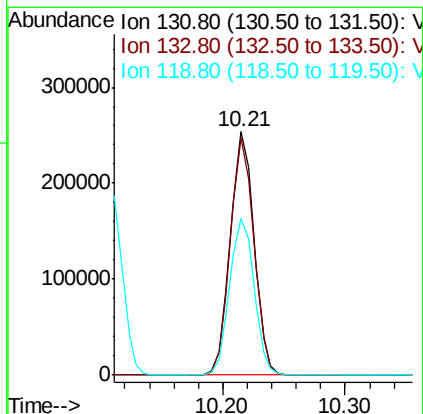
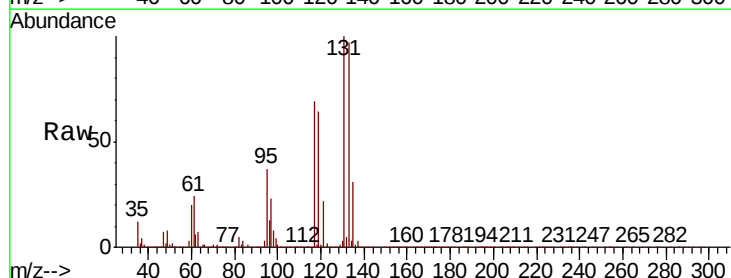
Tgt Ion:131 Resp: 339861

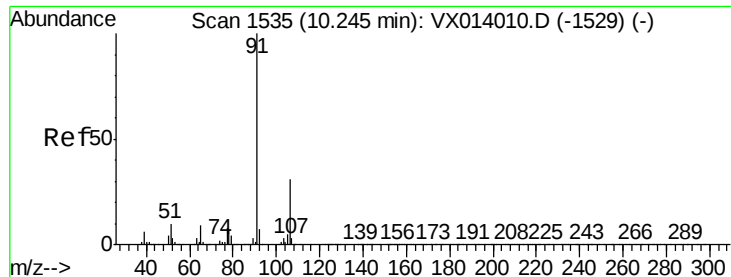
Ion Ratio Lower Upper

131 100

133 96.8 48.0 144.0

119 66.2 33.4 100.2





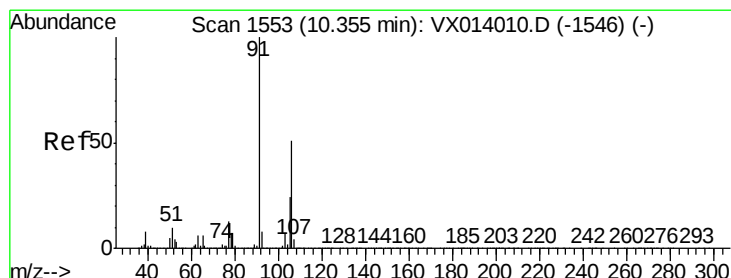
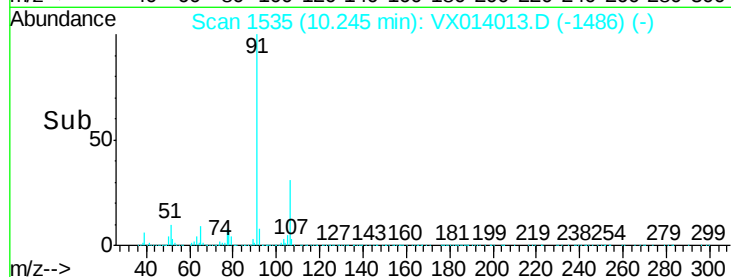
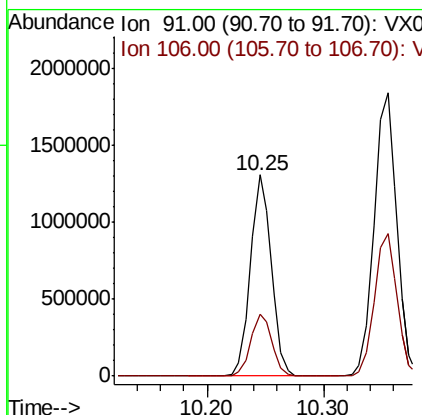
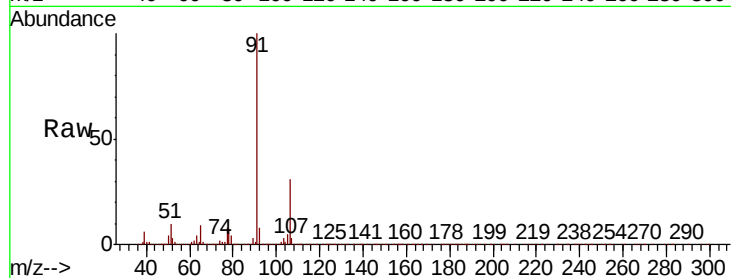
#67
Ethyl Benzene
Concen: 53.822 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014013.D
Acq: 13 Dec 2019 18:00

Instrument :
MSVOA_X
ClientSampleId :
ICVX121319

Tot Ion: 91 Resp: 1643804
Ion Ratio Lower Upper
91 100
106 31.0 25.0 37.6

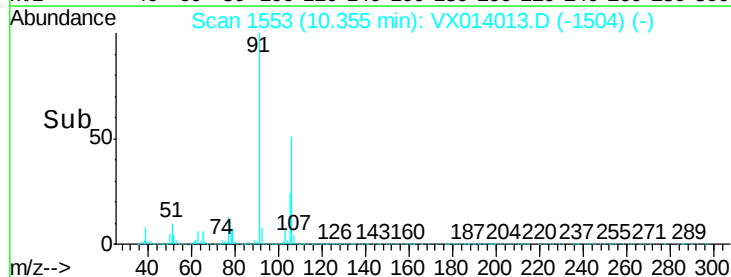
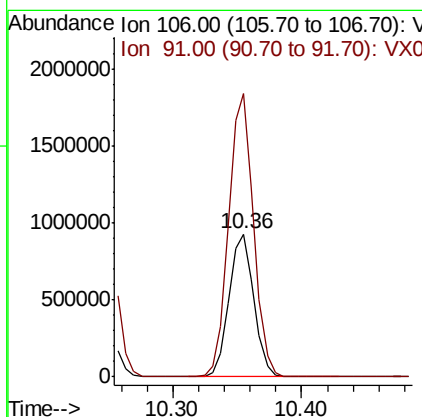
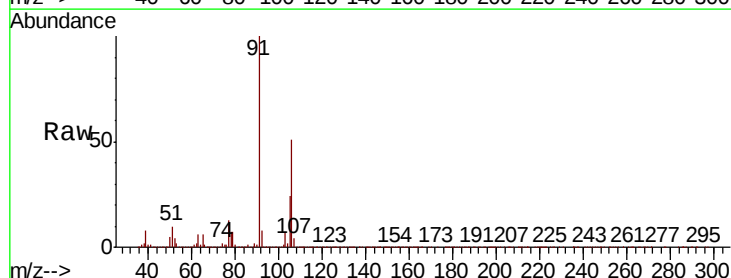
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#68
m/p-Xylenes
Concen: 106.690 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014013.D
Acq: 13 Dec 2019 18:00

Tgt Ion: 106 Resp: 1253248
Ion Ratio Lower Upper
106 100
91 198.4 158.6 238.0





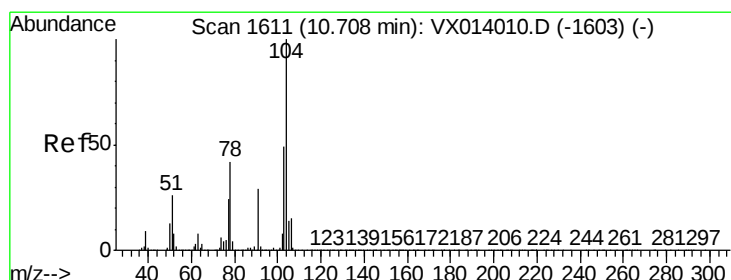
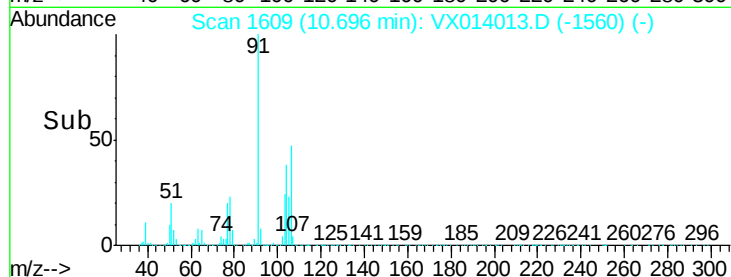
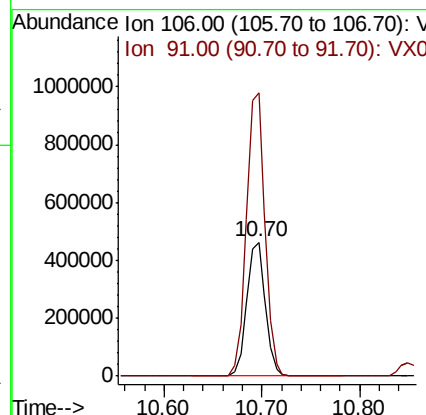
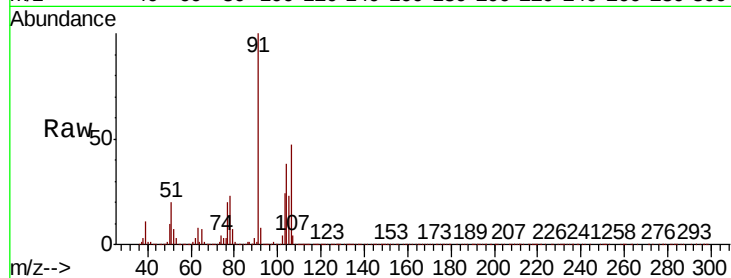
#69
o-Xylene
Concen: 52.582 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014013.D
Acq: 13 Dec 2019 18:00

Instrument :
MSVOA_X
ClientSampleId :
ICVX121319

Tot Ion	Ratio	Lower	Upper
106	100		
91	211.8	104.2	312.6

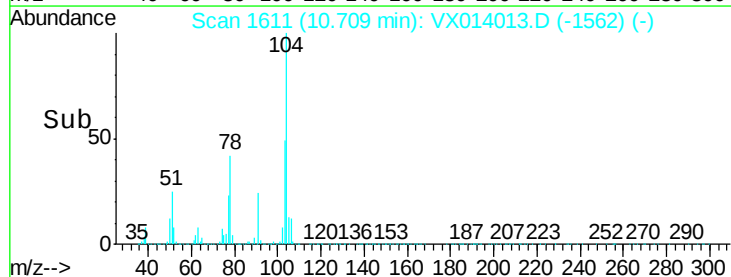
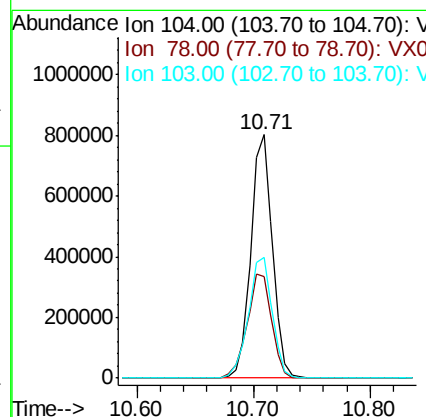
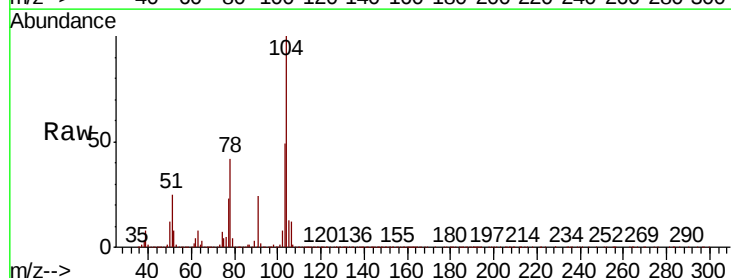
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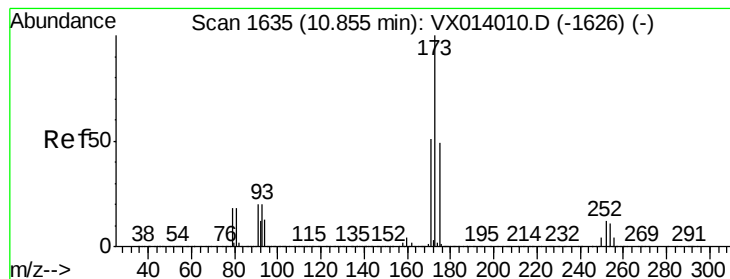
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#70
Styrene
Concen: 53.275 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014013.D
Acq: 13 Dec 2019 18:00

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.8	38.5	57.7
103	54.9	42.9	64.3





#71

Bromoform

Concen: 56.249 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX014013.D

Acq: 13 Dec 2019 18:00

Instrument :

MSVOA_X

ClientSampleId :

ICVVX121319

Tot Ion:173 Resp: 286793

Ion Ratio Lower Upper

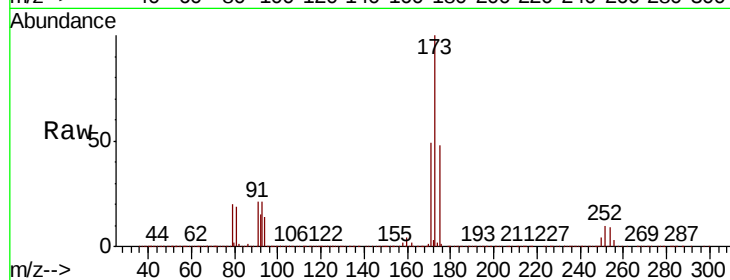
173 100

175 48.2 24.4 73.4

254 0.1 0.2 0.2#

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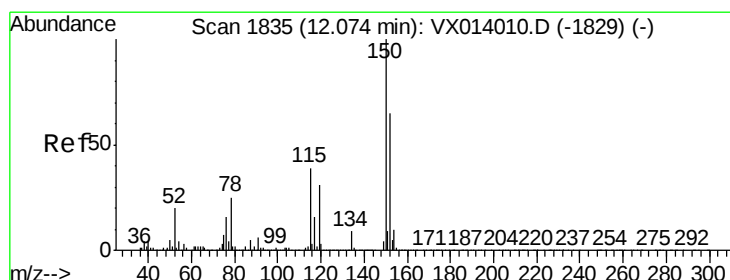
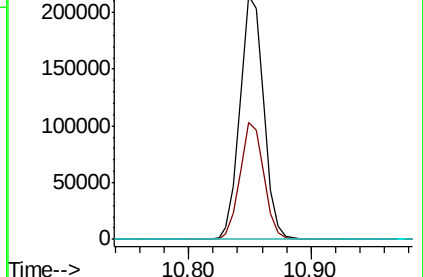
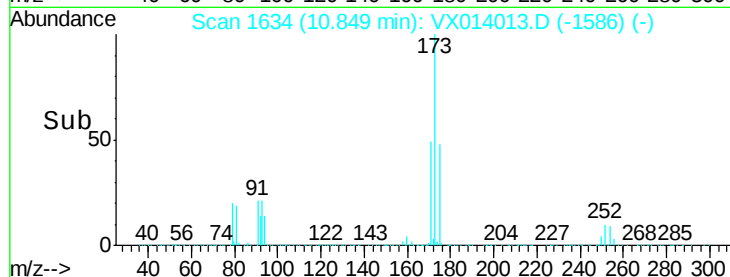
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014013.D

Acq: 13 Dec 2019 18:00

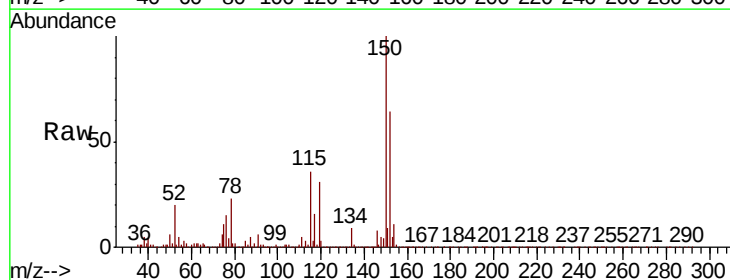
Tgt Ion:152 Resp: 417707

Ion Ratio Lower Upper

152 100

115 79.6 38.3 114.9

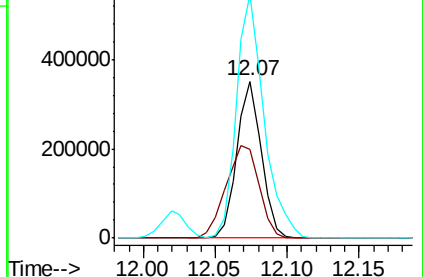
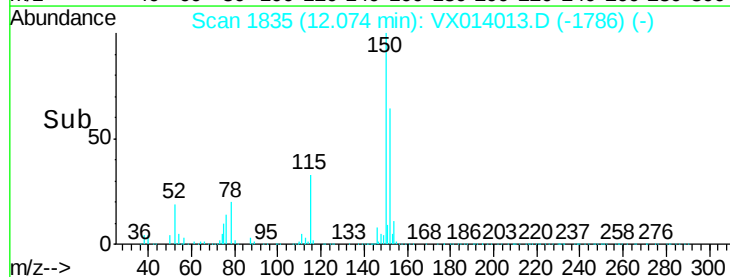
150 173.7 0.0 345.4

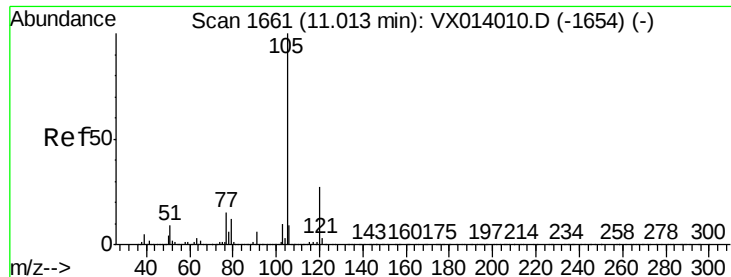


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 54.942 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014013.D

Acq: 13 Dec 2019 18:00

Instrument :

MSVOA_X

ClientSampleId :

ICVX121319

Tot Ion:105 Resp: 1615818

Ion Ratio Lower Upper

105 100

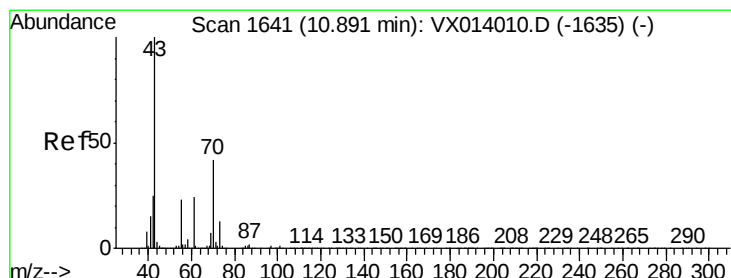
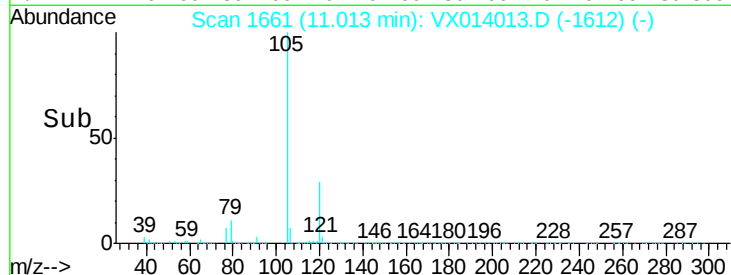
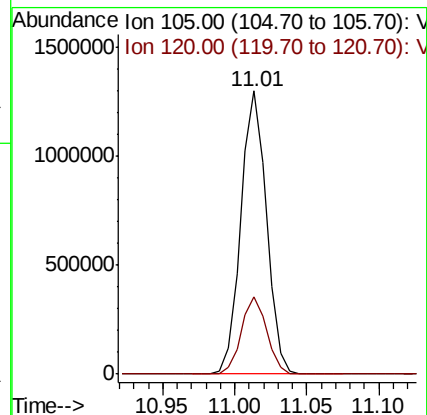
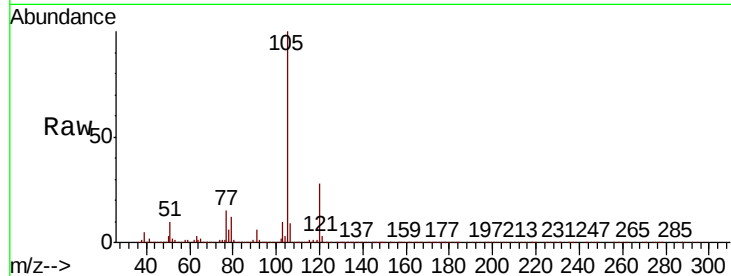
120 27.1 13.5 40.4

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#74

N-ethyl acetate

Concen: 54.780 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014013.D

Acq: 13 Dec 2019 18:00

Tgt Ion: 43 Resp: 755178

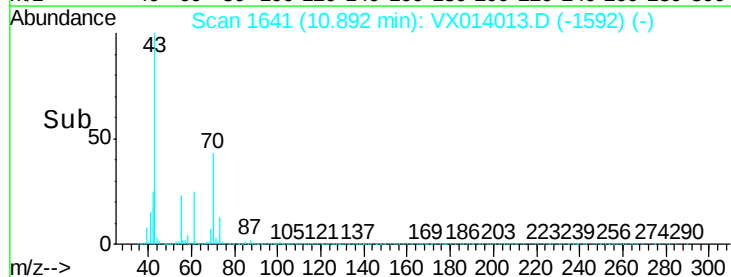
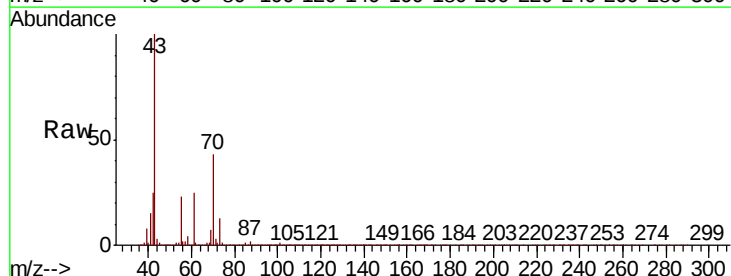
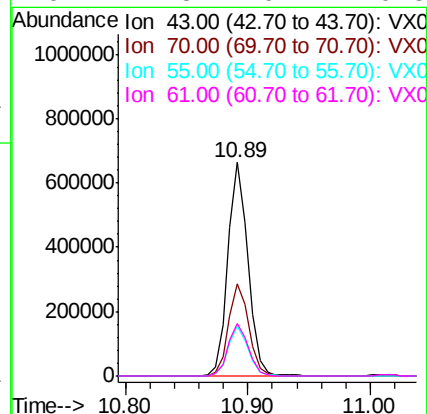
Ion Ratio Lower Upper

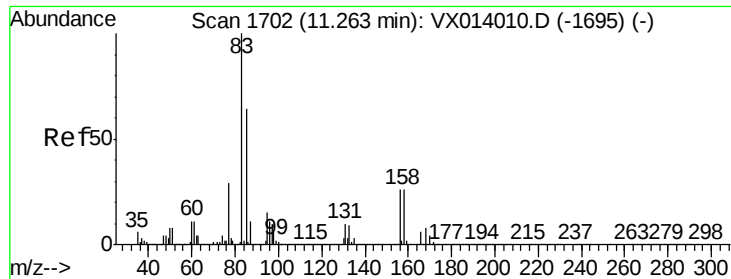
43 100

70 43.6 34.4 51.6

55 23.4 19.1 28.7

61 24.8 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 52.874 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014013.D

Acq: 13 Dec 2019 18:00

Instrument :

MSVOA_X

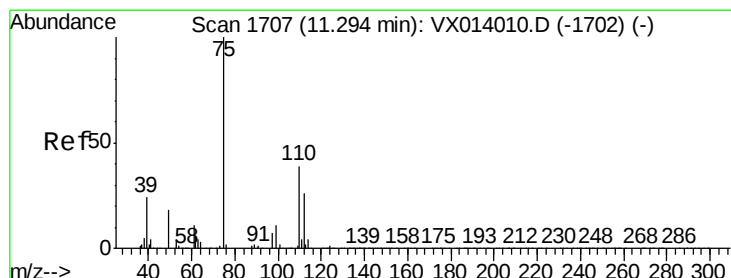
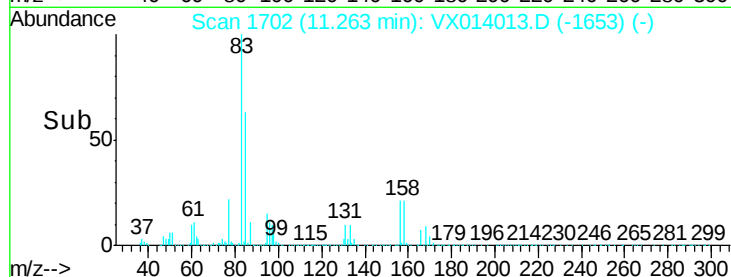
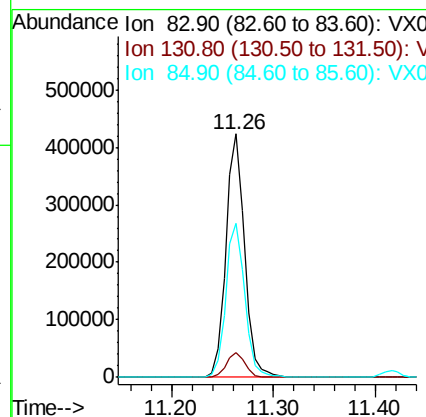
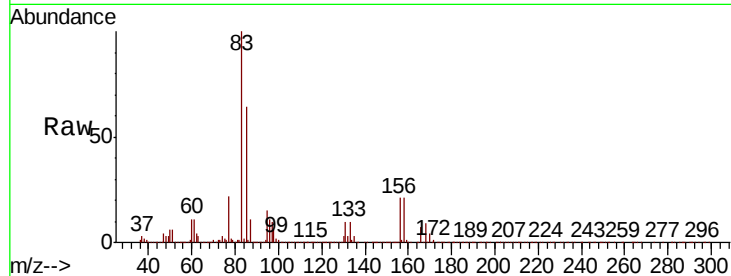
ClientSampleId :

ICVVX121319

Tot Ion:	83	Resp:	539109
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.1	15.2
85	64.4	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 48.187 ug/l m

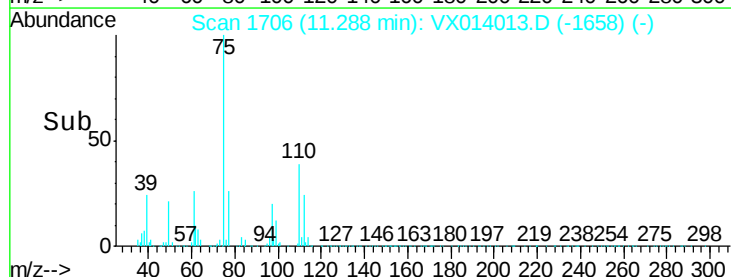
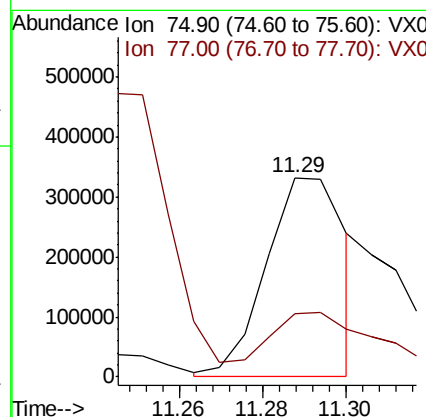
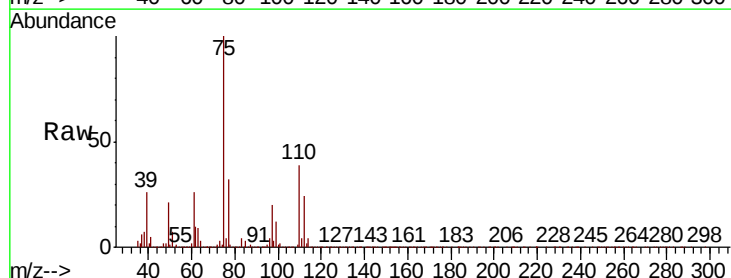
RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014013.D

Acq: 13 Dec 2019 18:00

Tgt Ion:	75	Resp:	436974
Ion Ratio	Lower	Upper	
75	100		
77	46.0	19.3	57.8





#77

Bromobenzene

Concen: 51.492 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014013.D

Acq: 13 Dec 2019 18:00

Instrument :

MSVOA_X

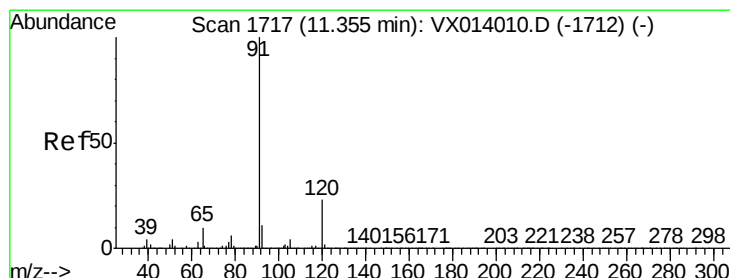
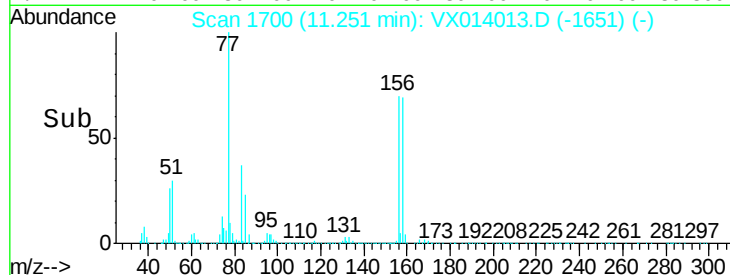
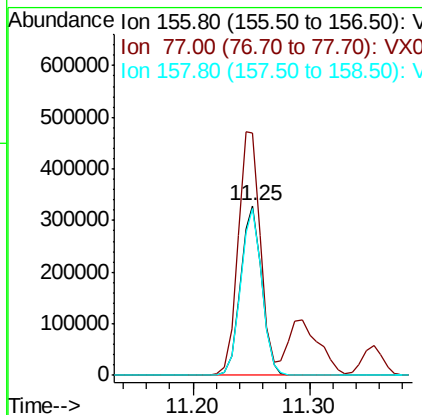
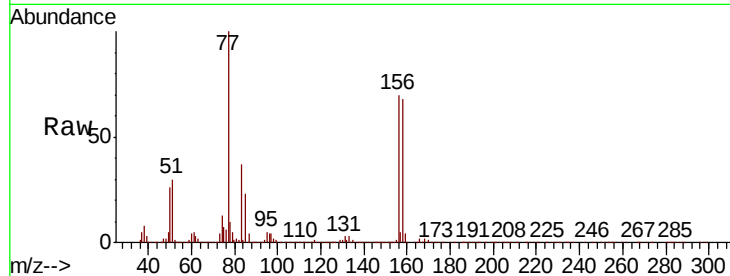
ClientSampleId :

ICVVX121319

Tot Ion:	156	Resp:	416657
Ion Ratio	Lower	Upper	
156	100		
77	150.0	76.5	229.5
158	97.8	49.3	147.9

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#78

n-propylbenzene

Concen: 55.711 ug/l

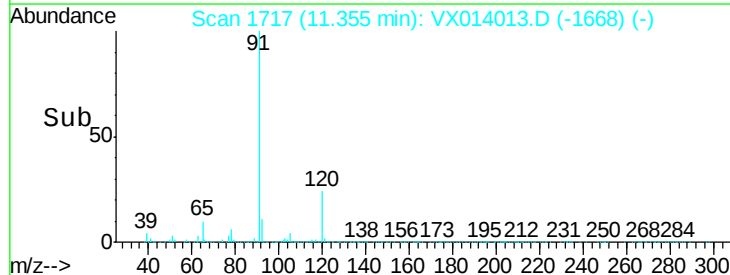
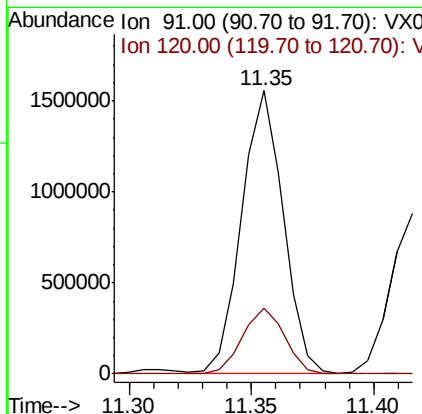
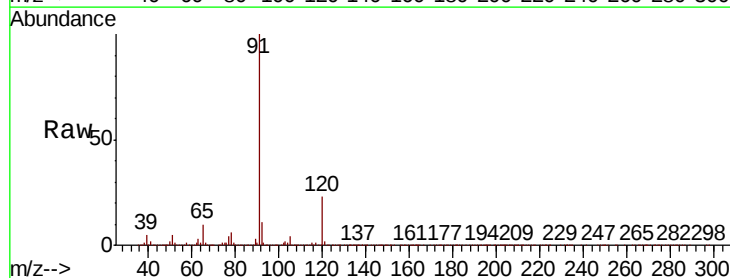
RT: 11.35 min Scan# 1717

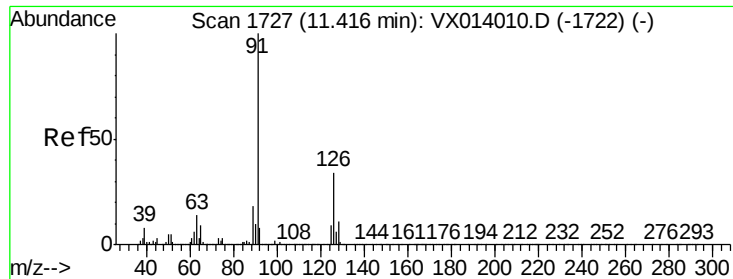
Delta R.T. 0.00 min

Lab File: VX014013.D

Acq: 13 Dec 2019 18:00

Tgt Ion:	91	Resp:	1837796
Ion Ratio	Lower	Upper	
91	100		
120	23.7	11.7	35.0





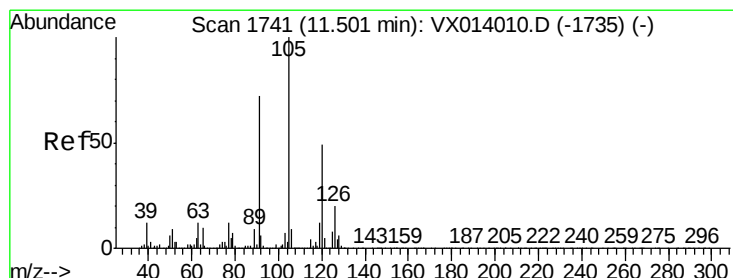
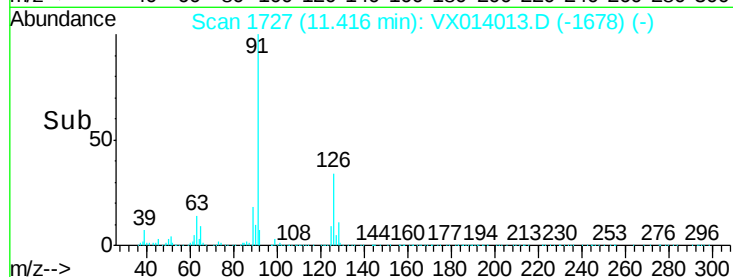
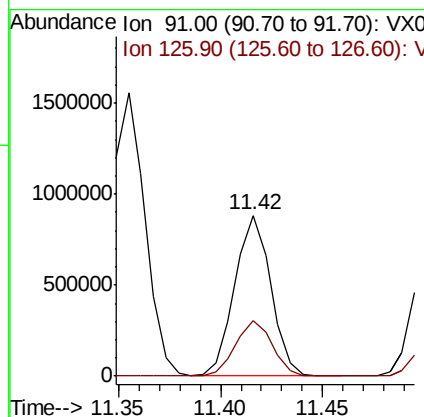
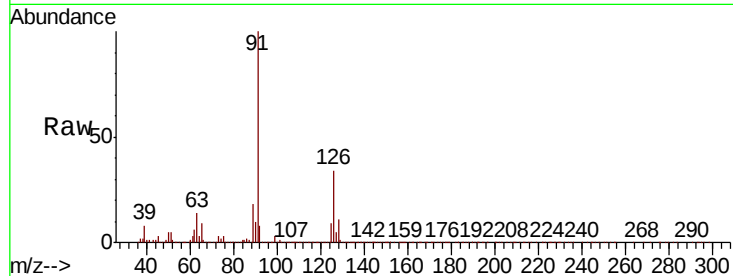
#79
2-Chlorotoluene
Concen: 53.821 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX014013.D
Acq: 13 Dec 2019 18:00

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121319

Tot Ion: 91 Resp: 1079257
Ion Ratio Lower Upper
91 100
126 34.7 17.2 51.6

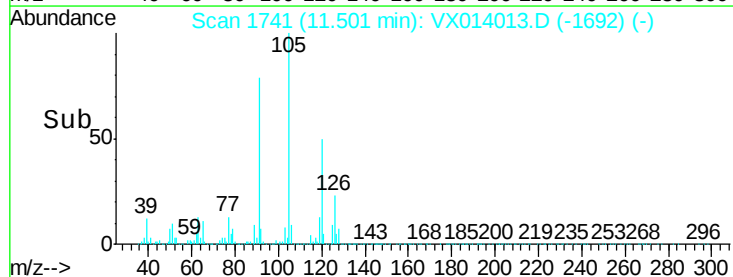
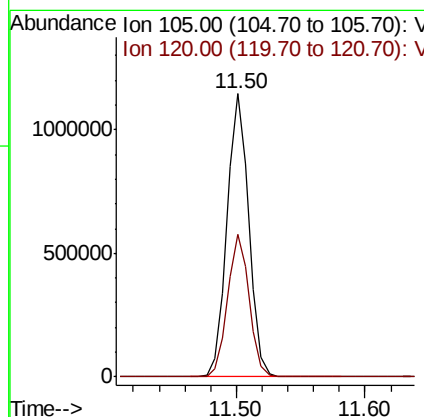
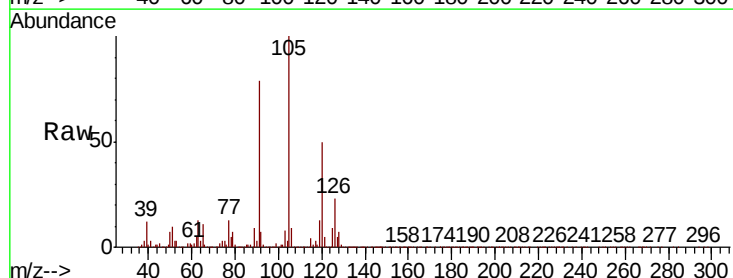
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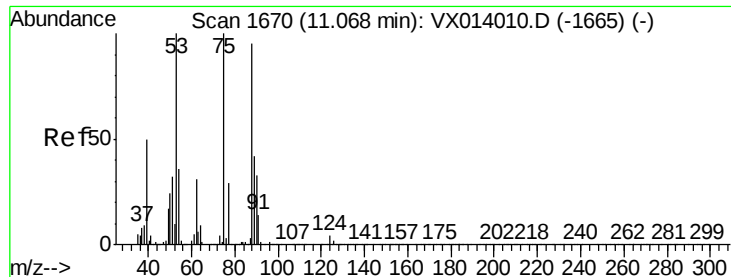
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#80
1,3,5-Trimethylbenzene
Concen: 55.135 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX014013.D
Acq: 13 Dec 2019 18:00

Tgt Ion: 105 Resp: 1364671
Ion Ratio Lower Upper
105 100
120 49.7 25.3 75.8





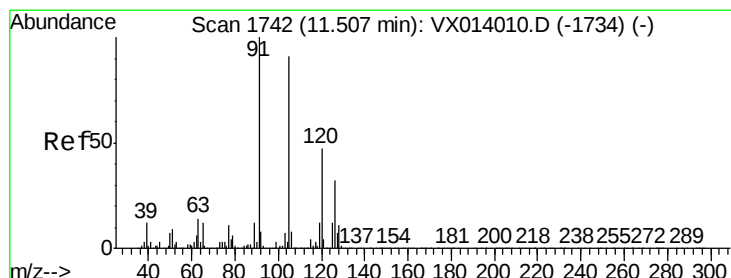
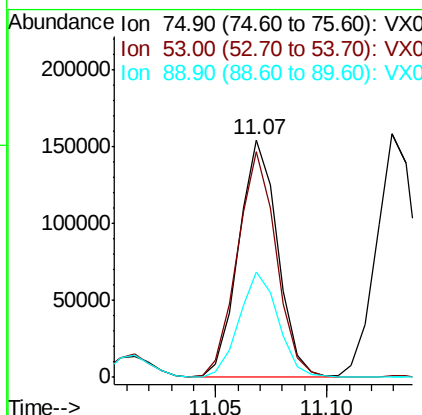
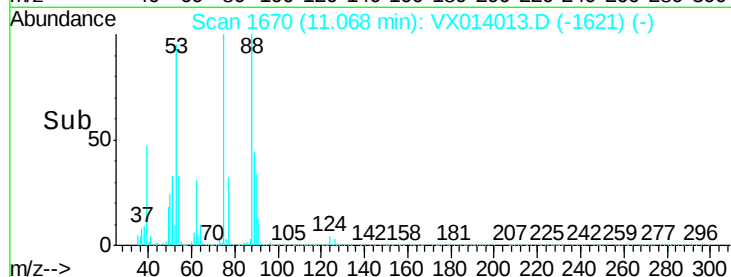
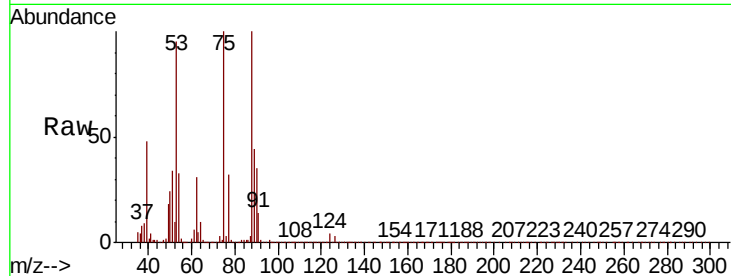
#81
trans-1,4-Dichloro-2-butene
Concen: 58.475 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014013.D
Acq: 13 Dec 2019 18:00

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121319

Tot Ion	Ratio	Lower	Upper
75	100		
53	94.5	76.7	115.1
89	44.5	34.6	51.8

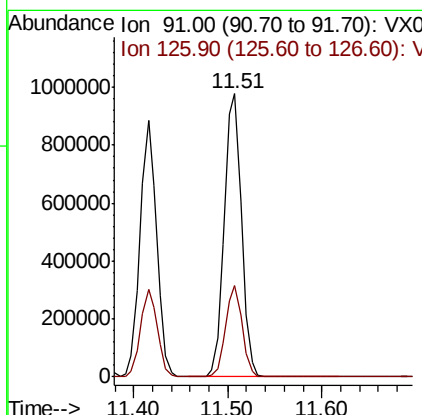
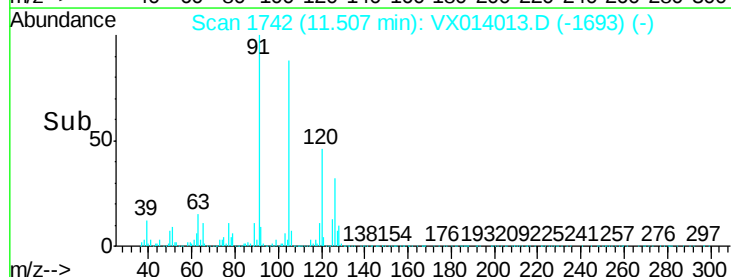
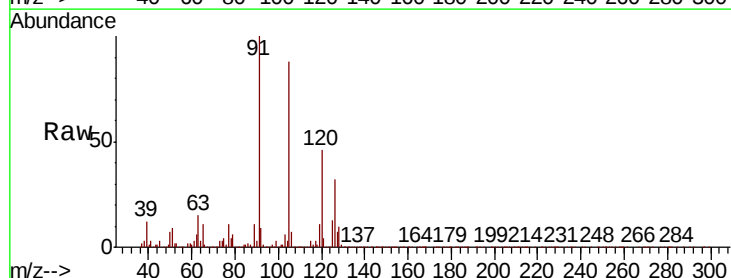
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#82
4-Chlorotoluene
Concen: 53.332 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014013.D
Acq: 13 Dec 2019 18:00

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.9	15.6	46.8





#83

tert-Butylbenzene

Concen: 56.340 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX014013.D

Acq: 13 Dec 2019 18:00

Instrument :

MSVOA_X

ClientSampleId :

ICVX121319

Tot Ion:119 Resp: 1357085

Ion Ratio Lower Upper

119 100

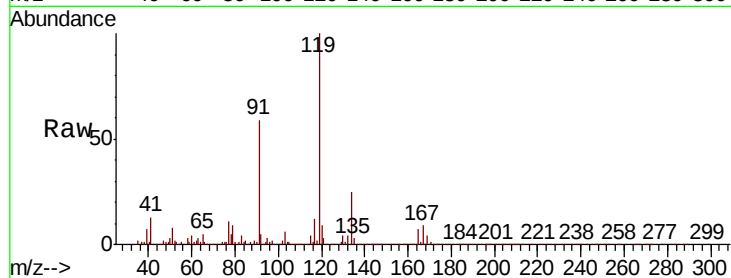
91 54.2 28.5 85.6

134 23.7 12.2 36.6

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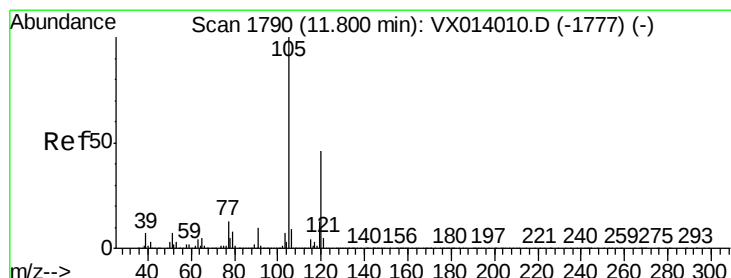
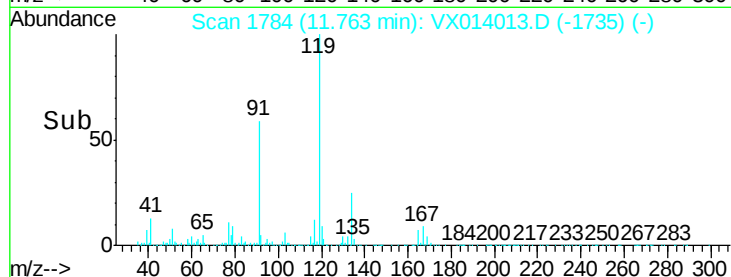
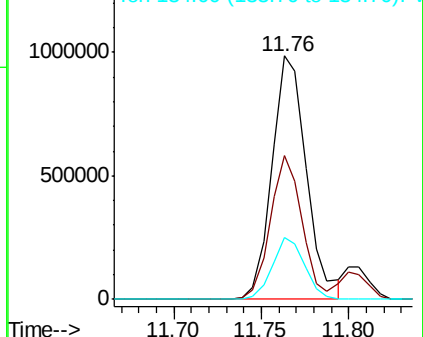
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Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 54.762 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX014013.D

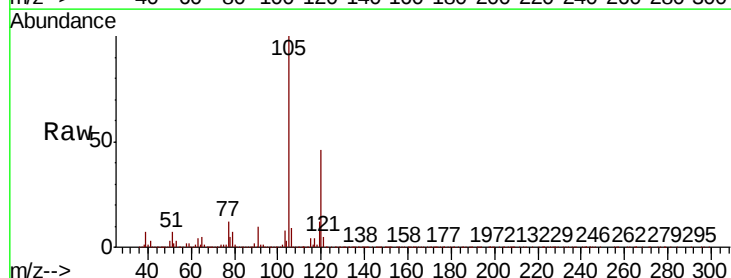
Acq: 13 Dec 2019 18:00

Tgt Ion:105 Resp: 1357384

Ion Ratio Lower Upper

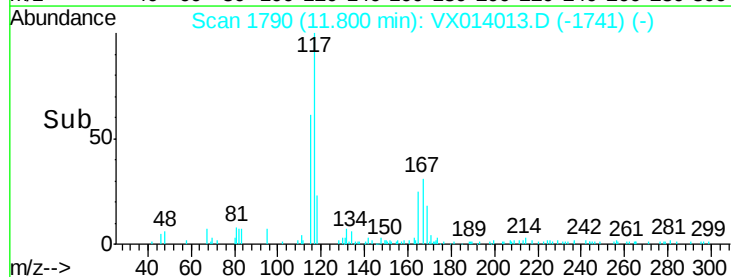
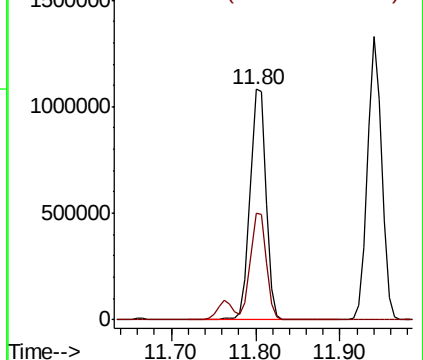
105 100

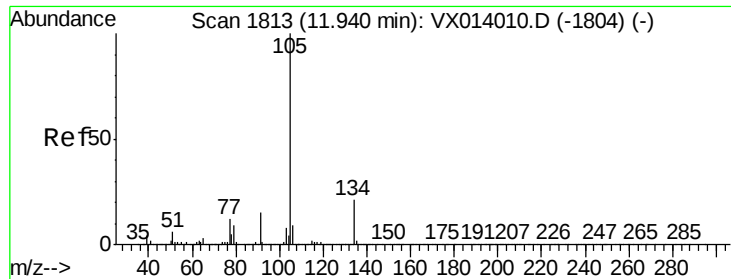
120 45.9 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 54.958 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014013.D

Acq: 13 Dec 2019 18:00

Instrument :

MSVOA_X

ClientSampleId :

ICVVX121319

Tot Ion:105 Resp: 1562765

Ion Ratio Lower Upper

105 100

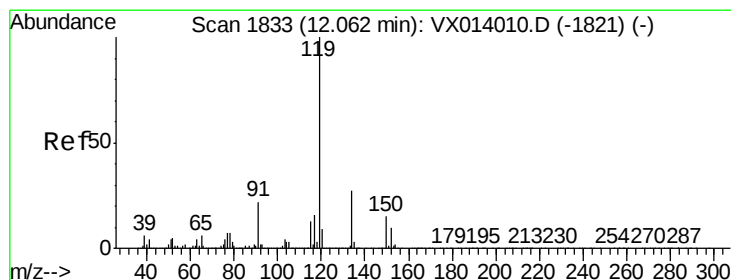
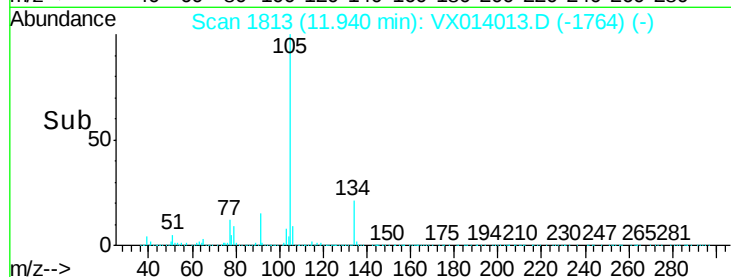
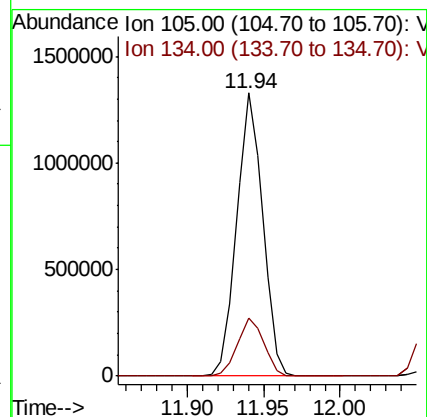
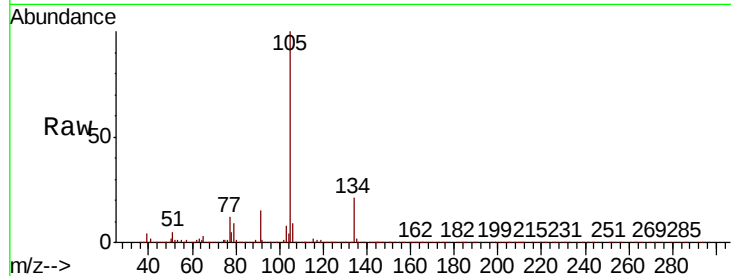
134 20.9 10.4 31.1

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#86

p-Isopropyltoluene

Concen: 55.715 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014013.D

Acq: 13 Dec 2019 18:00

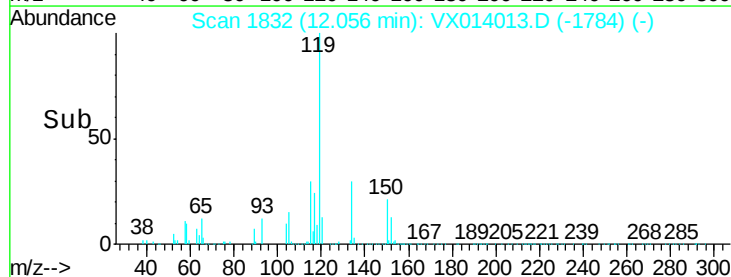
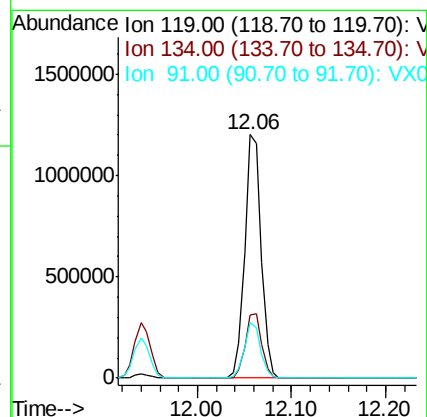
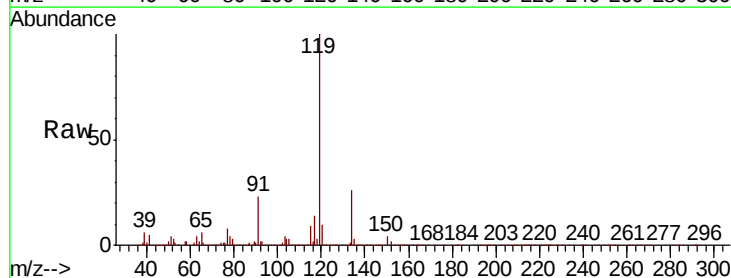
Tgt Ion:119 Resp: 1449211

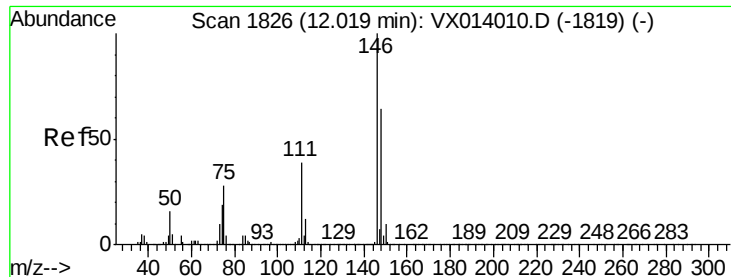
Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.1

91 22.5 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 51.836 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX014013.D

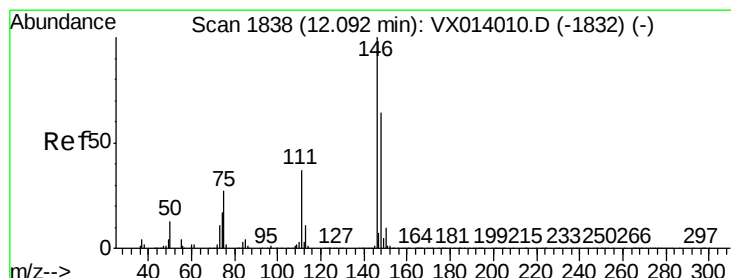
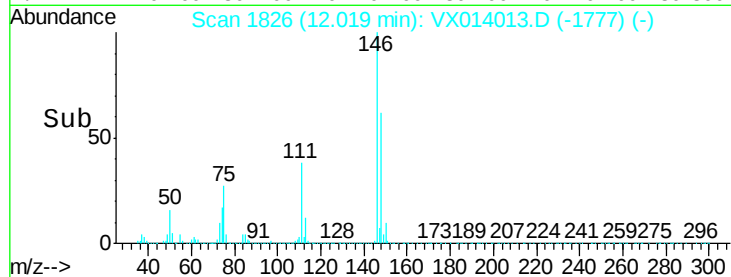
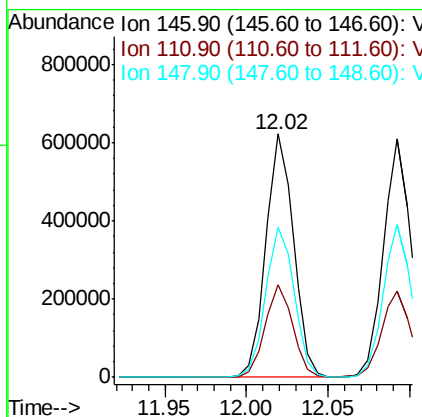
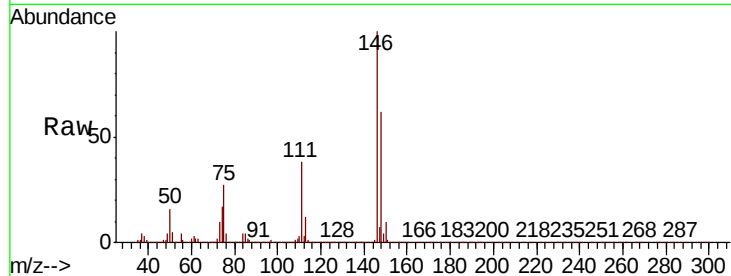
Acq: 13 Dec 2019 18:00

Instrument :
MSVOA_X
ClientSampleId :
ICVX121319

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	19.1	57.1
148	63.2	32.3	96.9

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#88

1,4-Dichlorobenzene

Concen: 50.052 ug/l

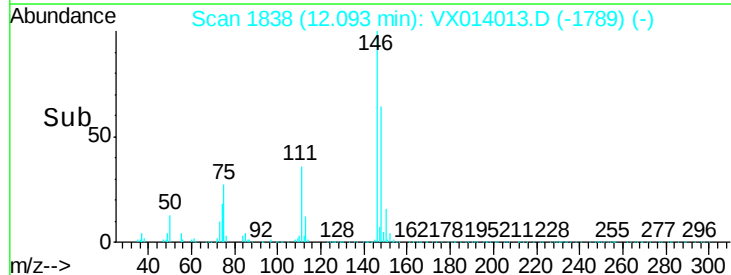
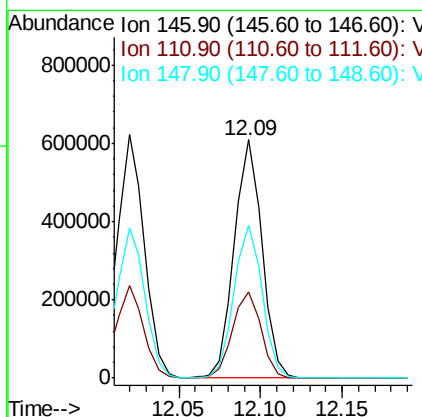
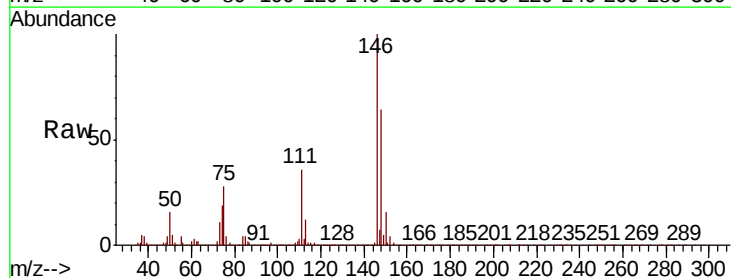
RT: 12.09 min Scan# 1838

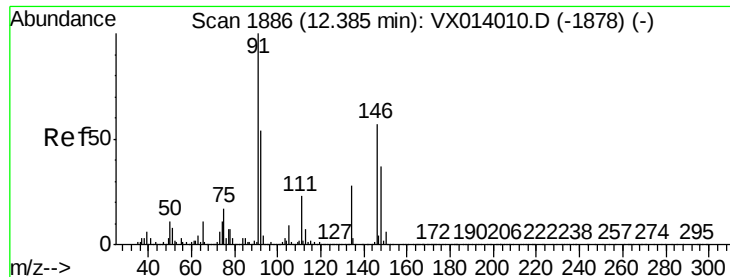
Delta R.T. 0.00 min

Lab File: VX014013.D

Acq: 13 Dec 2019 18:00

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.7	56.1
148	65.2	31.9	95.9





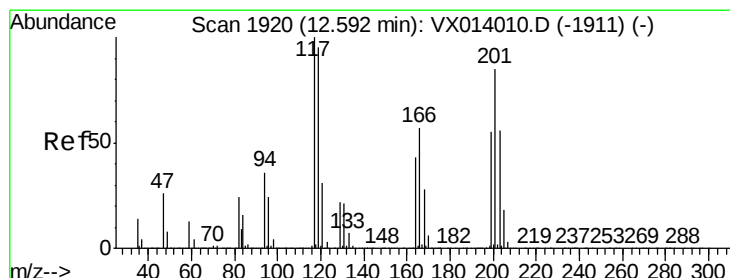
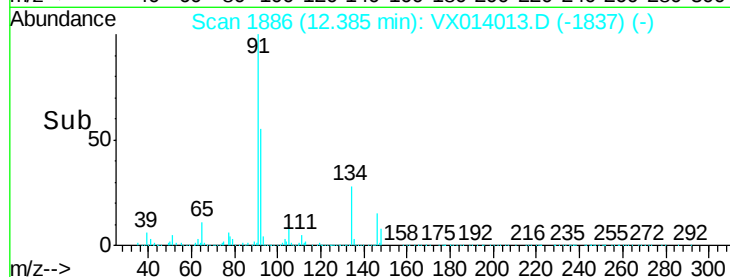
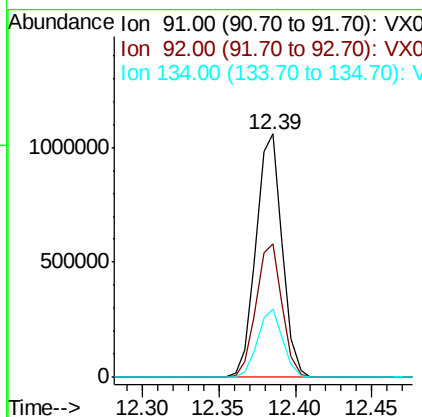
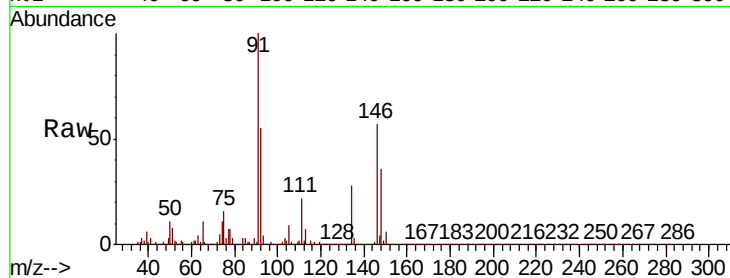
#89
n-Butylbenzene
Concen: 56.708 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014013.D
Acq: 13 Dec 2019 18:00

Instrument :
MSVOA_X
ClientSampleId :
ICVX121319

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.9	27.2	81.6
134	27.1	13.4	40.1

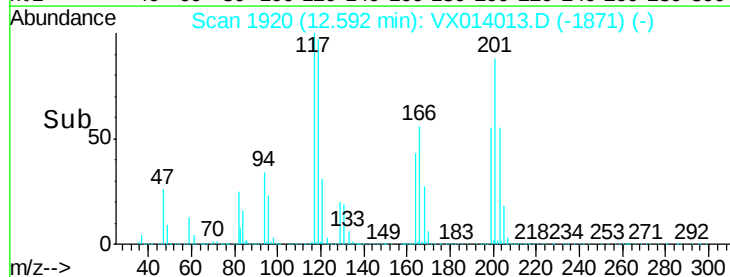
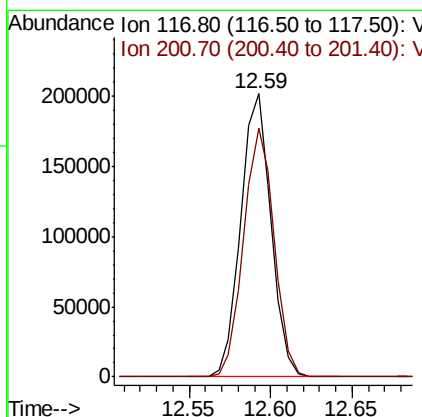
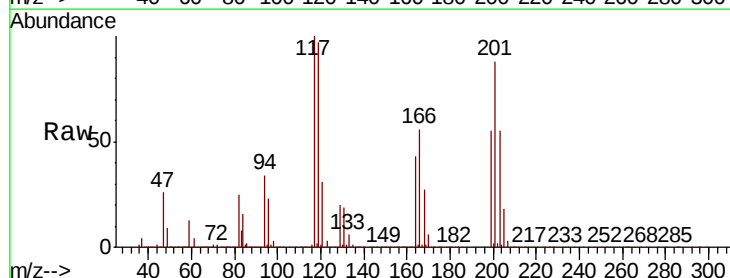
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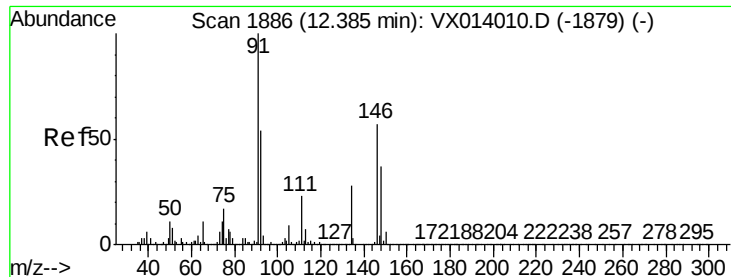
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#90
Hexachloroethane
Concen: 55.854 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014013.D
Acq: 13 Dec 2019 18:00

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.8	43.1	129.3





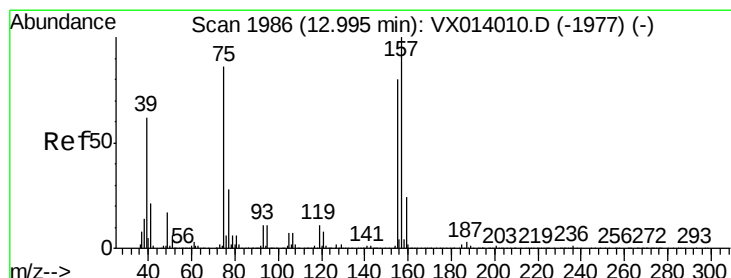
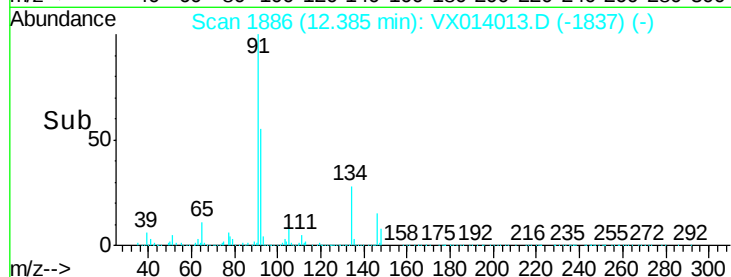
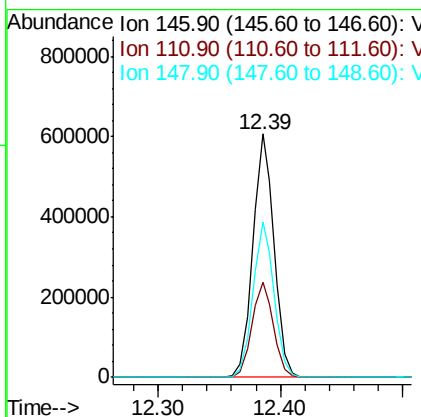
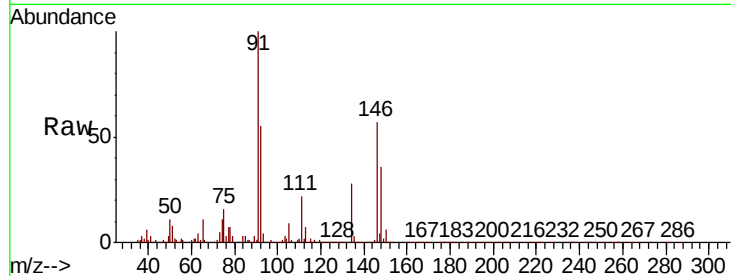
#91
 1,2-Dichlorobenzene
 Concen: 51.501 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014013.D
 Acq: 13 Dec 2019 18:00

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX121319

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.7	59.1
148	63.4	32.1	96.5

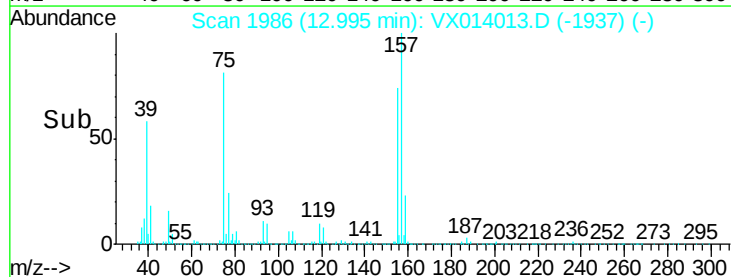
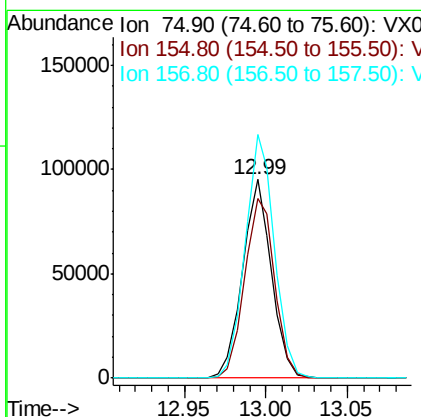
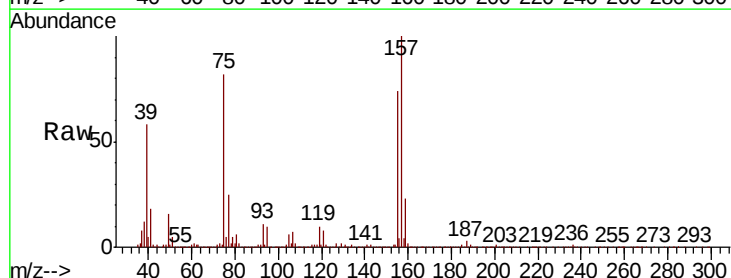
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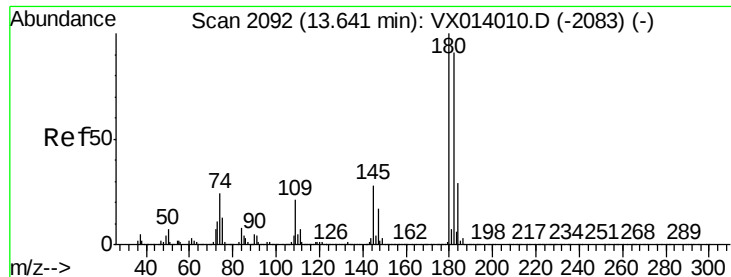
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.330 ug/l
 RT: 12.99 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014013.D
 Acq: 13 Dec 2019 18:00

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.7	46.9	140.6
157	123.1	60.8	182.4





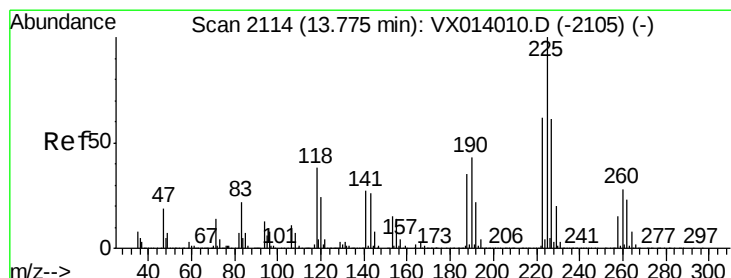
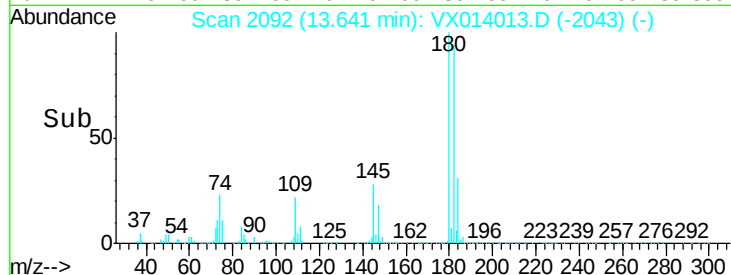
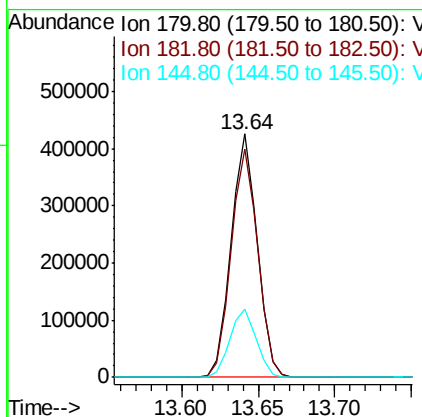
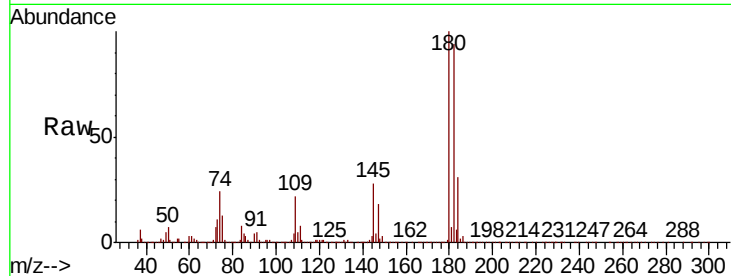
#93
 1,2,4-Trichlorobenzene
 Concen: 54.093 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014013.D
 Acq: 13 Dec 2019 18:00

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX121319

Tot Ion	Ratio	Resp	Lower	Upper
180	100	501922		
182	95.3	46.6	139.8	
145	28.4	14.2	42.6	

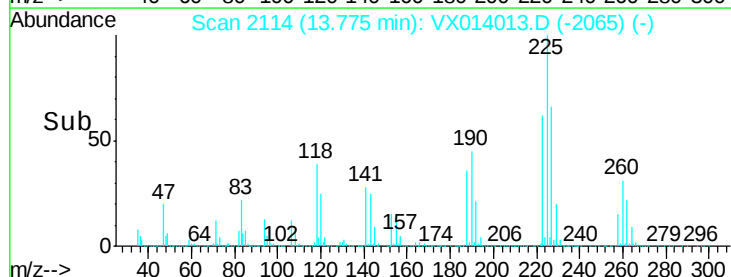
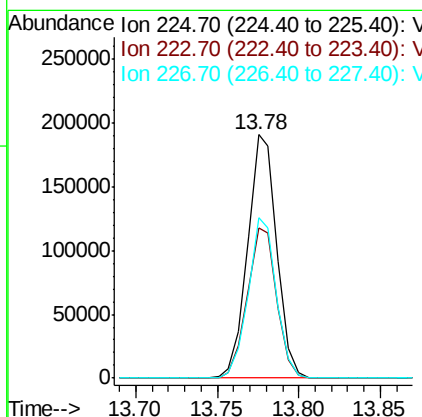
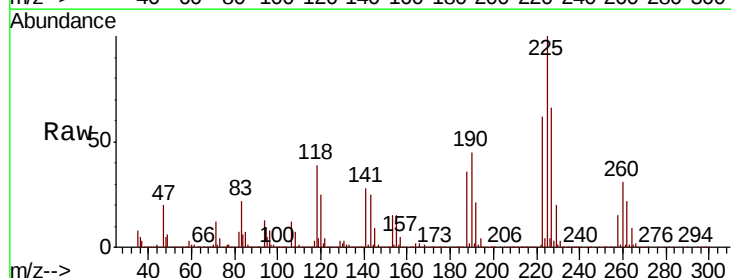
Manual Integrations
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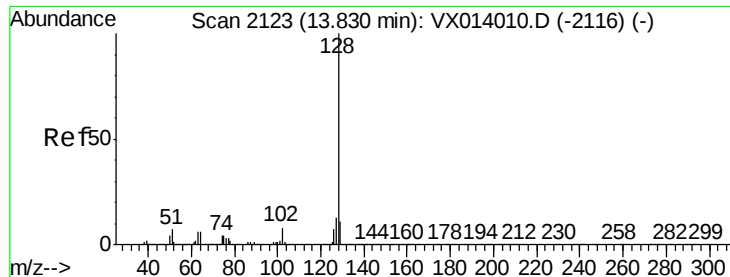
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#94
 Hexachlorobutadiene
 Concen: 53.230 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014013.D
 Acq: 13 Dec 2019 18:00

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	237371		
223	62.7	30.9	92.5	
227	64.0	30.9	92.7	





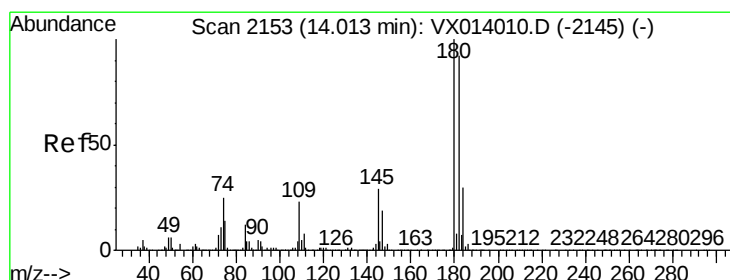
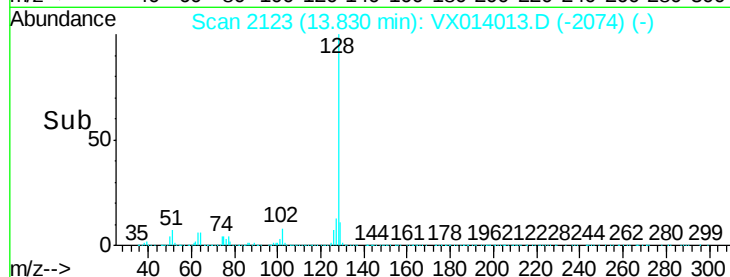
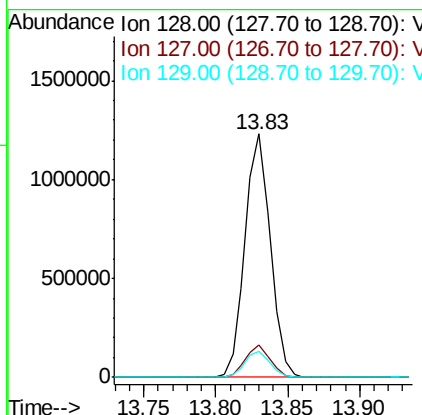
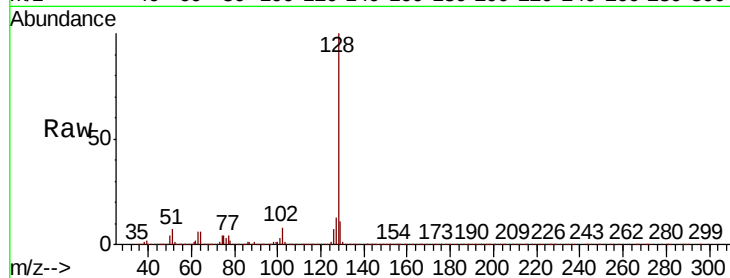
#95
Naphthalene
Concen: 55.076 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014013.D
Acq: 13 Dec 2019 18:00

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121319

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.4
129	11.0	8.7	13.1

Manual Integrations
APPROVED

apatel
12/17/2019 2:48:46 PM



#96
1,2,3-Trichlorobenzene
Concen: 53.990 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014013.D
Acq: 13 Dec 2019 18:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	46.8	140.3
145	29.9	14.8	44.4

