

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122419\
 Data File : VX014246.D
 Acq On : 24 Dec 2019 15:38
 Operator : JC/SP
 Sample : VX1224WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1224WBSD01

Manual Integrations
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apatel
 12/26/2019 9:24:42 AM

Quant Time: Dec 25 07:19:03 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	504284	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	801945	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	709709	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	344582	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	298248	52.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.36%	
35) Dibromofluoromethane	5.49	113	243508	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	
50) Toluene-d8	8.71	98	953871	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	
62) 4-Bromofluorobenzene	11.13	95	337593	48.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.32%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	78007	17.291	ug/l 99
3) Chloromethane	1.32	50	111627	18.437	ug/l 98
4) Vinyl Chloride	1.40	62	115981	18.155	ug/l 98
5) Bromomethane	1.63	94	75584	16.669	ug/l 98
6) Chloroethane	1.72	64	75432	19.131	ug/l 97
7) Trichlorofluoromethane	1.92	101	147880	18.699	ug/l 96
8) Diethyl Ether	2.18	74	70595	19.020	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	89520	18.778	ug/l 99
10) Methyl Iodide	2.50	142	99100	17.558	ug/l 98
11) Tert butyl alcohol	3.03	59	126462	102.402	ug/l 98
12) 1,1-Dichloroethene	2.37	96	90718	18.701	ug/l 98
13) Acrolein	2.28	56	67116	94.940	ug/l 99
14) Allyl chloride	2.72	41	170385	19.672	ug/l 100
15) Acrylonitrile	3.13	53	301130	104.469	ug/l 99
16) Acetone	2.43	43	252821	68.137	ug/l 98
17) Carbon Disulfide	2.56	76	230862	17.636	ug/l 98
18) Methyl Acetate	2.76	43	159774	21.731	ug/l 98
19) Methyl tert-butyl Ether	3.18	73	320763	20.123	ug/l 98
20) Methylene Chloride	2.85	84	108385	18.549	ug/l 98
21) trans-1,2-Dichloroethene	3.16	96	100181	18.746	ug/l 98
22) Diisopropyl ether	3.84	45	354796	20.557	ug/l 95
23) Vinyl Acetate	3.80	43	1253210	88.977	ug/l 99
24) 1,1-Dichloroethane	3.69	63	188446	19.625	ug/l 99
25) 2-Butanone	4.65	43	419495	91.701	ug/l 99
26) 2,2-Dichloropropane	4.58	77	132621	17.788	ug/l 100
27) cis-1,2-Dichloroethene	4.58	96	117722	19.478	ug/l 99
28) Bromochloromethane	5.01	49	79851	21.880	ug/l 96
29) Tetrahydrofuran	5.11	42	274174	107.154	ug/l 99
30) Chloroform	5.20	83	179639	19.734	ug/l 95
31) Cyclohexane	5.57	56	166544	19.501	ug/l 95
32) 1,1,1-Trichloroethane	5.49	97	148190	19.101	ug/l 99
36) 1,1-Dichloropropene	5.79	75	133223	18.105	ug/l 100
37) Ethyl Acetate	4.82	43	164455	20.239	ug/l 100
38) Carbon Tetrachloride	5.78	117	123472	18.419	ug/l 97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	160084	17.619	ug/l	100
40) Benzene	6.14	78	425393	18.789	ug/l	100
41) Methacrylonitrile	5.03	41	89239	19.793	ug/l	99
42) 1,2-Dichloroethane	6.19	62	146592	19.101	ug/l	100
43) Isopropyl Acetate	6.44	43	266545	19.821	ug/l	100
44) Trichloroethene	7.20	130	116509	18.631	ug/l	97
45) 1,2-Dichloropropane	7.51	63	110922	19.115	ug/l	96
46) Dibromomethane	7.65	93	70641	18.412	ug/l	99
47) Bromodichloromethane	7.89	83	134585	18.626	ug/l	99
48) Methyl methacrylate	7.76	41	129189	19.619	ug/l	98
49) 1,4-Dioxane	7.73	88	52084	388.675	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	847145	100.310	ug/l	99
52) Toluene	8.78	92	265723	18.568	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	145235	18.331	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	166632	18.878	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	110426	19.253	ug/l	98
56) Ethyl methacrylate	9.17	69	171147	18.996	ug/l	99
57) 1,3-Dichloropropane	9.37	76	186143	19.290	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	341560	100.179	ug/l	100
59) 2-Hexanone	9.48	43	636722	93.657	ug/l	99
60) Dibromochloromethane	9.57	129	107394	18.837	ug/l	98
61) 1,2-Dibromoethane	9.67	107	113615	19.361	ug/l	98
64) Tetrachloroethene	9.33	164	153067	24.374	ug/l	97
65) Chlorobenzene	10.14	112	279992	18.555	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	103004	19.117	ug/l	99
67) Ethyl Benzene	10.25	91	494360	19.055	ug/l	100
68) m/p-Xylenes	10.36	106	377620	37.844	ug/l	99
69) o-Xylene	10.70	106	183917	18.794	ug/l	98
70) Styrene	10.71	104	310680	18.774	ug/l	100
71) Bromoform	10.85	173	78841	18.204	ug/l #	98
73) Isopropylbenzene	11.01	105	488203	20.123	ug/l	99
74) N-amyl acetate	10.89	43	224392	19.732	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	162135	19.276	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	138571m	18.524	ug/l	
77) Bromobenzene	11.25	156	127601	19.116	ug/l	97
78) n-propylbenzene	11.35	91	537817	19.763	ug/l	100
79) 2-Chlorotoluene	11.42	91	320695	19.386	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	401097	19.644	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	49088	18.521	ug/l	91
82) 4-Chlorotoluene	11.51	91	363914	18.965	ug/l	99
83) tert-Butylbenzene	11.76	119	350491	17.639	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	395118	19.323	ug/l	100
85) sec-Butylbenzene	11.94	105	458895	19.563	ug/l	100
86) p-Isopropyltoluene	12.06	119	414992	19.340	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	217980	18.633	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	217783	18.308	ug/l	99
89) n-Butylbenzene	12.39	91	344342	18.807	ug/l	99
90) Hexachloroethane	12.59	117	70748	18.356	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	218916	18.589	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	34480	18.524	ug/l	97

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Instrument :
MSVOA_X
ClientSampleId :
VX1224WBSD01

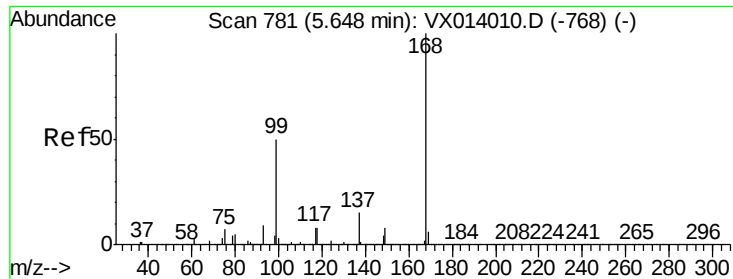
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	140303	18.330	ug/l	98
94) Hexachlorobutadiene	13.78	225	66351	18.036	ug/l	98
95) Naphthalene	13.83	128	449674	19.995	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	142654	18.879	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: VX014246.D

Acq: 24 Dec 2019 15:38

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBSD01

Tot Ion:168 Resp: 504284

Ion Ratio Lower Upper

168 100

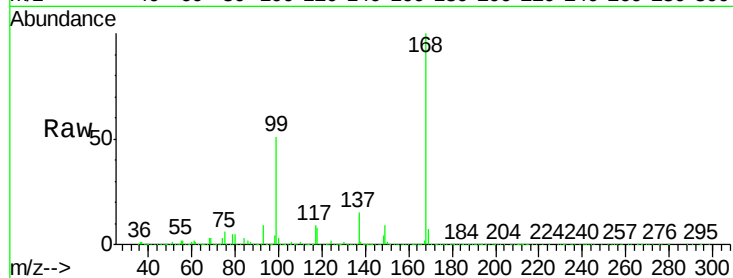
99 50.9 40.3 60.5

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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

200000

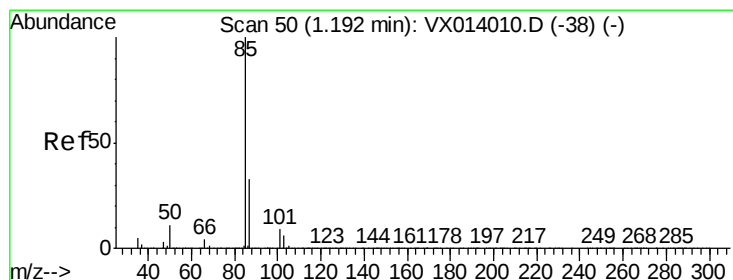
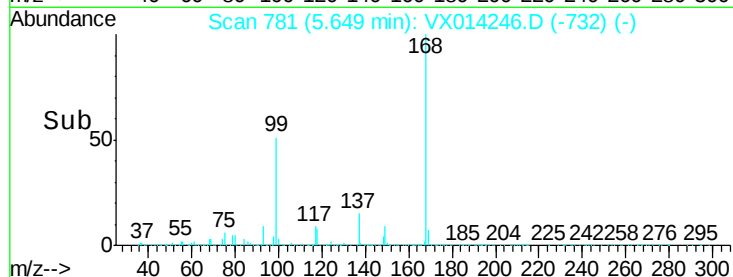
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100000

50000

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Time-->



#2

Dichlorodifluoromethane

Concen: 17.291 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014246.D

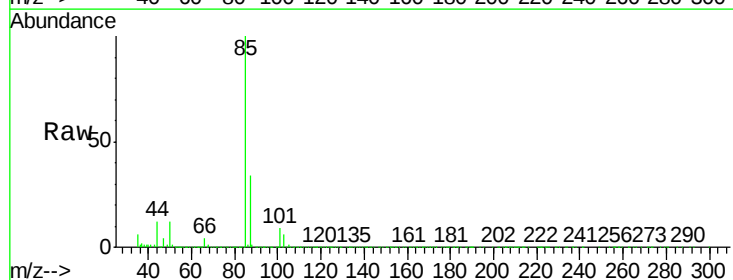
Acq: 24 Dec 2019 15:38

Tgt Ion: 85 Resp: 78007

Ion Ratio Lower Upper

85 100

87 33.4 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

80000

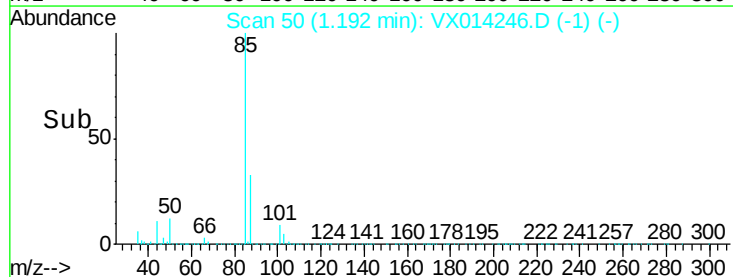
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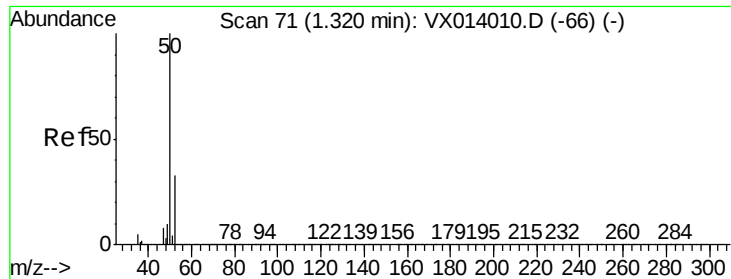
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20000

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Time-->





#3

Chloromethane

Concen: 18.437 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014246.D

Acq: 24 Dec 2019 15:38

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBSD01

Tot Ion: 50 Resp: 111627

Ion Ratio Lower Upper

50 100

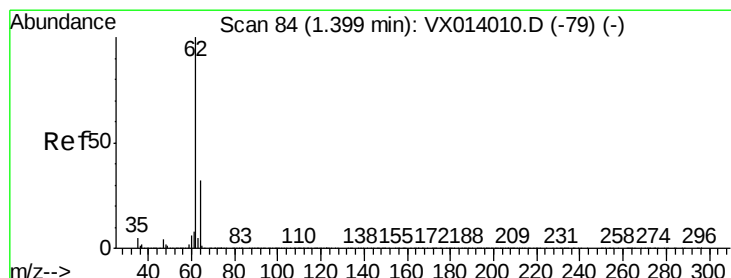
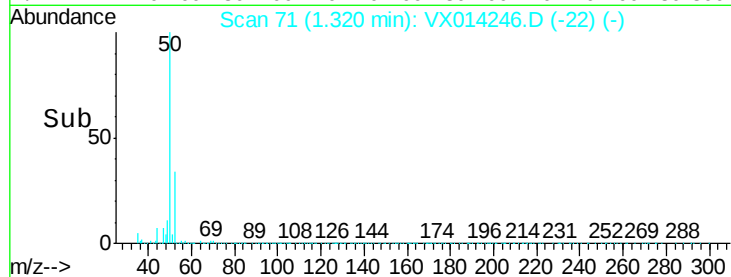
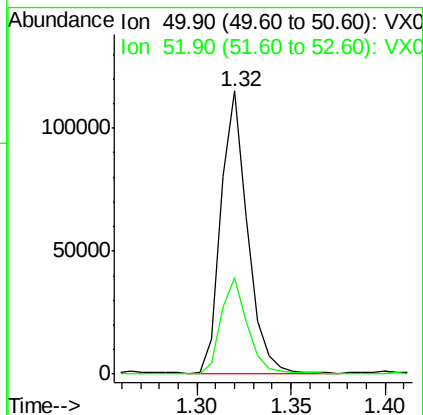
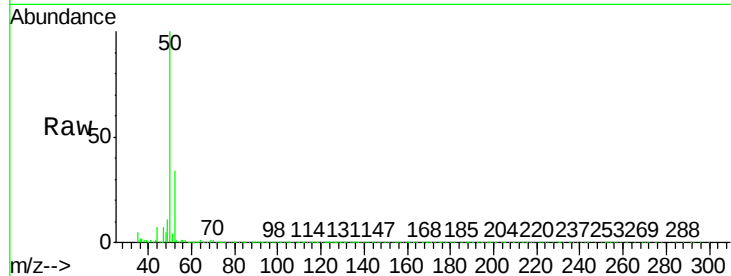
52 34.1 26.2 39.4

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#4

Vinyl Chloride

Concen: 18.155 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014246.D

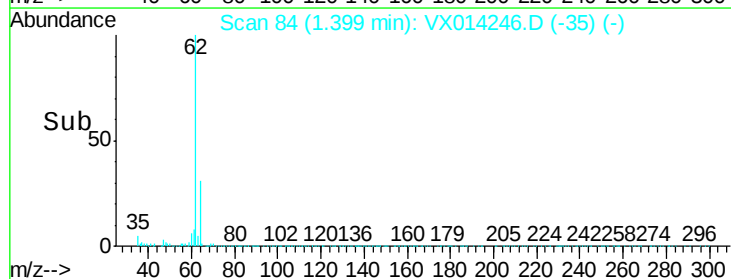
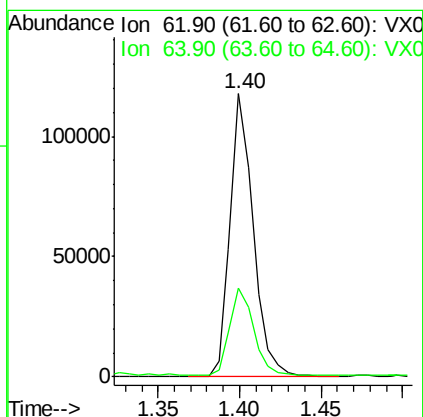
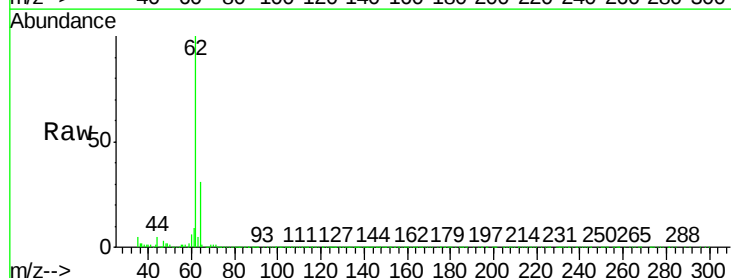
Acq: 24 Dec 2019 15:38

Tgt Ion: 62 Resp: 115981

Ion Ratio Lower Upper

62 100

64 30.9 25.7 38.5





#5

Bromomethane

Concen: 16.669 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014246.D

Acq: 24 Dec 2019 15:38

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBSD01

Tot Ion: 94 Resp: 75584

Ion Ratio Lower Upper

94 100

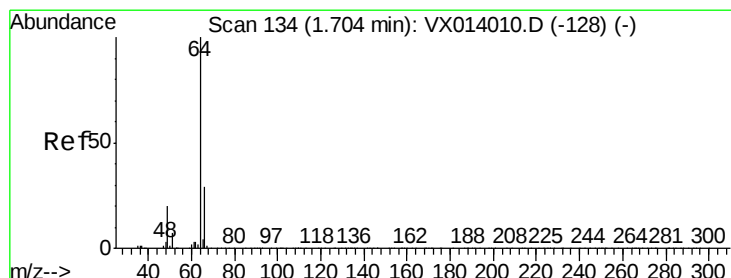
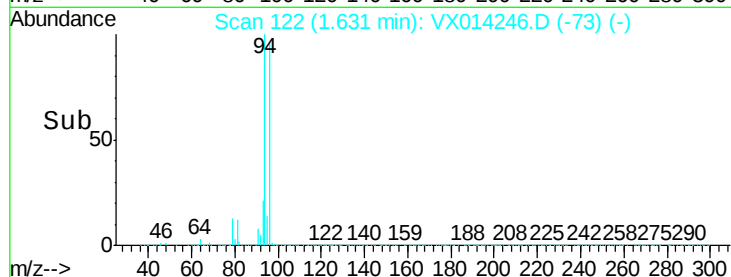
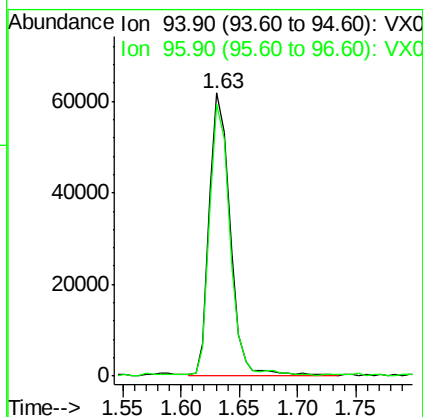
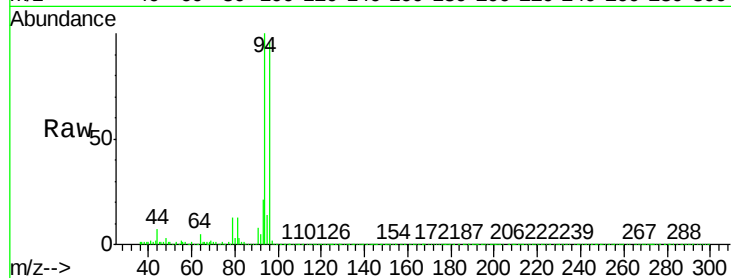
96 96.0 75.2 112.8

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#6

Chloroethane

Concen: 19.131 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014246.D

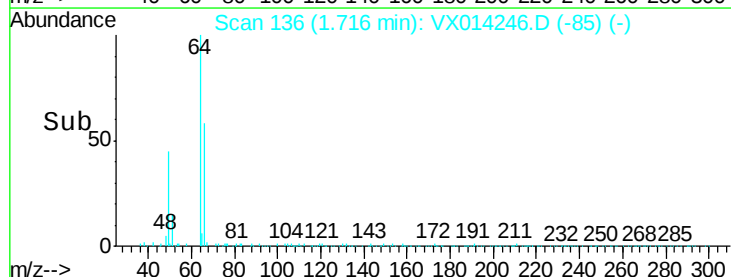
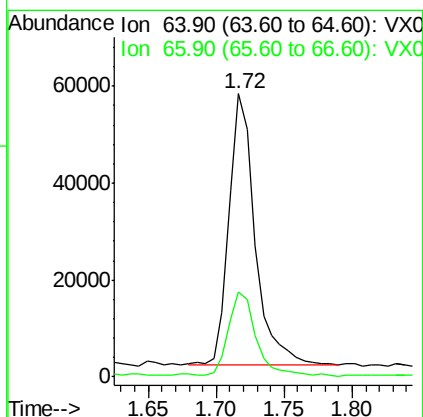
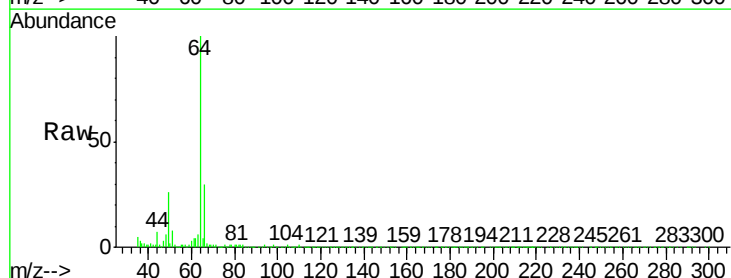
Acq: 24 Dec 2019 15:38

Tgt Ion: 64 Resp: 75432

Ion Ratio Lower Upper

64 100

66 30.8 23.4 35.2





#7

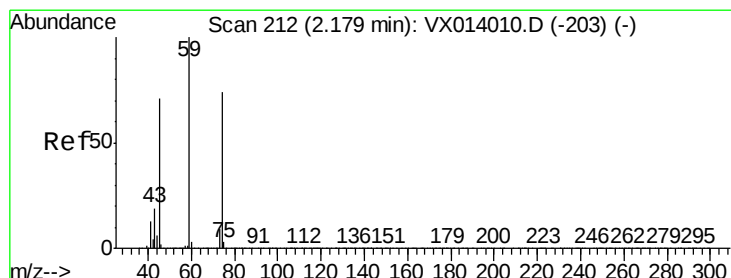
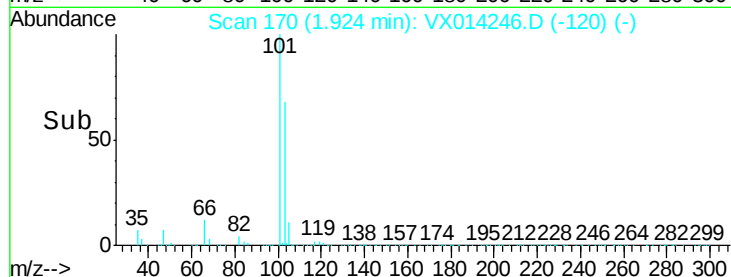
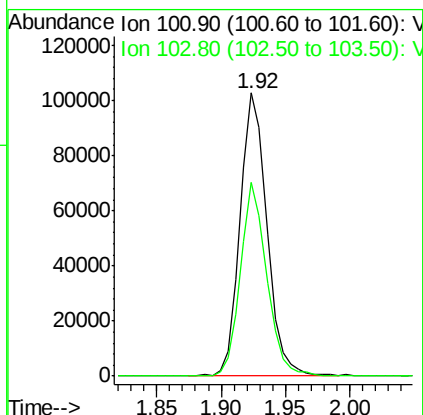
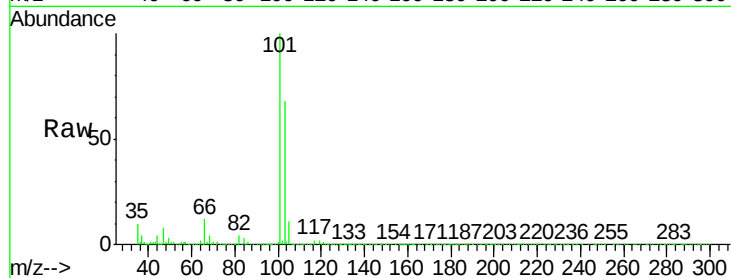
Trichlorofluoromethane
Concen: 18.699 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014246.D
Acq: 24 Dec 2019 15:38

Instrument :
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ClientSampleId :
VX1224WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	68.4	52.2	78.4

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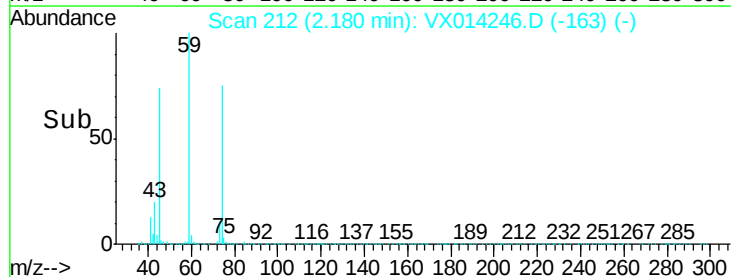
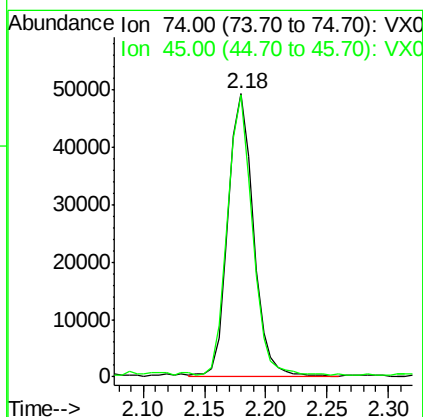
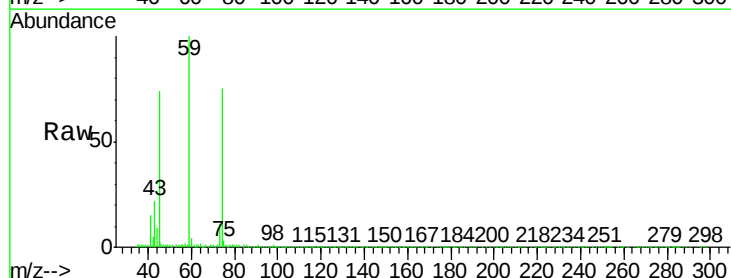
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#8

Diethyl Ether
Concen: 19.020 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014246.D
Acq: 24 Dec 2019 15:38

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.7	48.1	144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.778 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014246.D

Acq: 24 Dec 2019 15:38

Instrument :

MSVOA_X

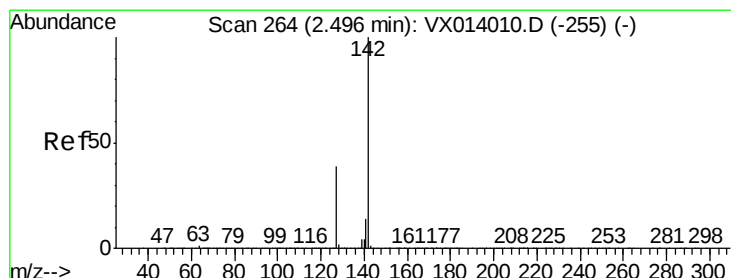
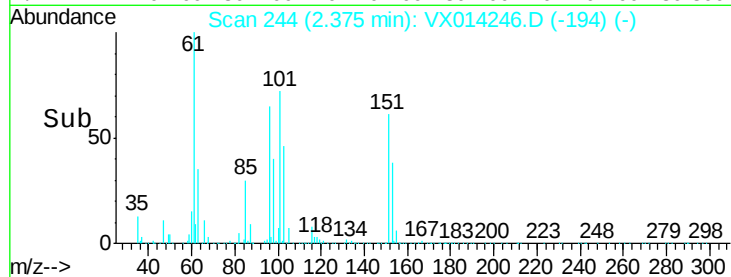
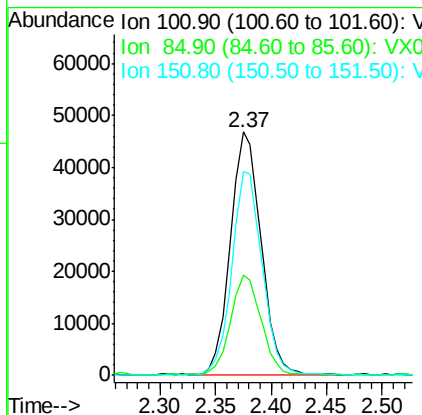
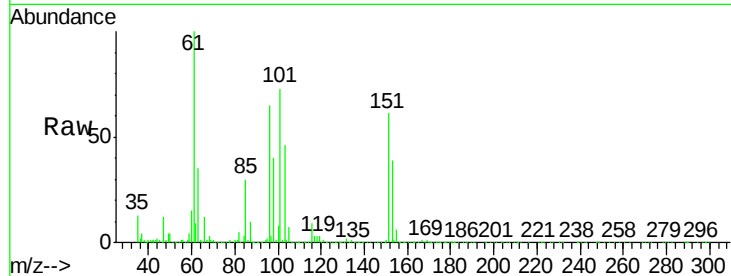
ClientSampleId :

VX1224WBSD01

Tot Ion:	101	Resp:	89520
Ion Ratio	Lower	Upper	
101	100		
85	41.7	33.7	50.5
151	82.3	64.5	96.7

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#10

Methyl Iodide

Concen: 17.558 ug/l

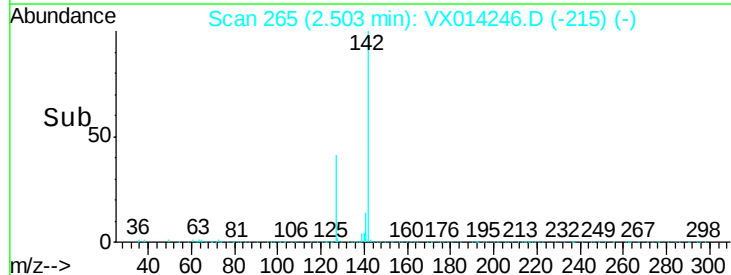
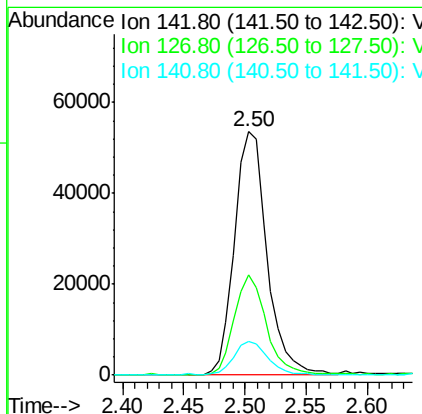
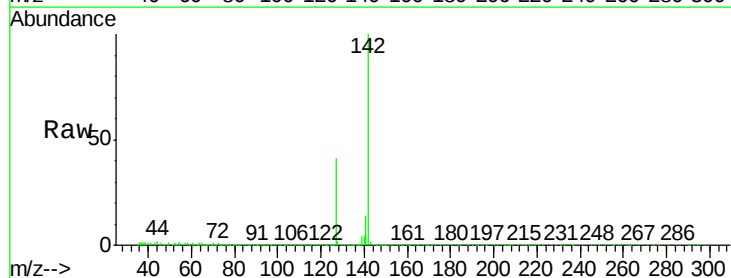
RT: 2.50 min Scan# 265

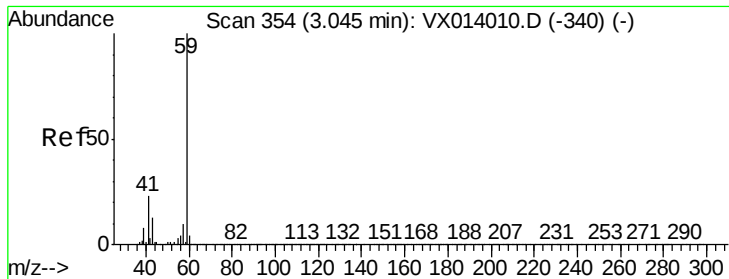
Delta R.T. 0.01 min

Lab File: VX014246.D

Acq: 24 Dec 2019 15:38

Tgt Ion:	142	Resp:	99100
Ion Ratio	Lower	Upper	
142	100		
127	41.1	31.6	47.4
141	14.2	11.6	17.4





#11

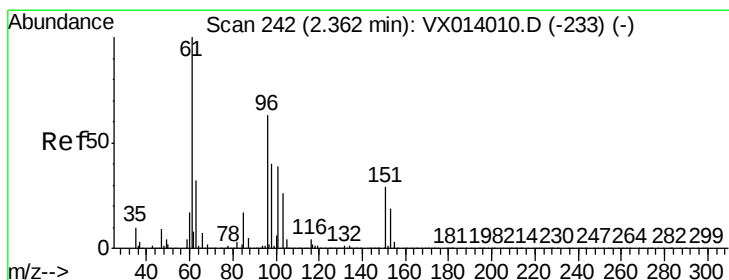
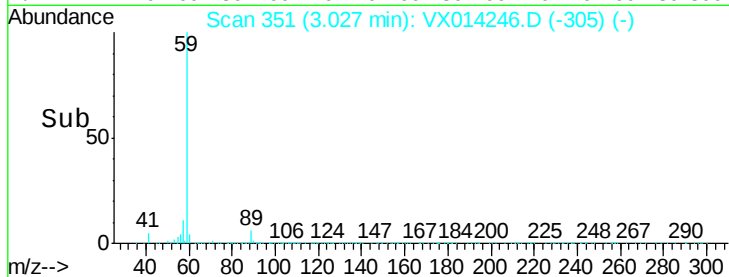
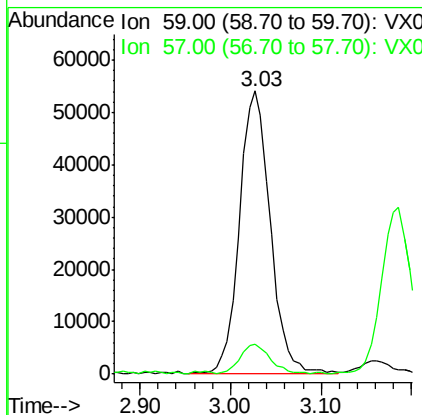
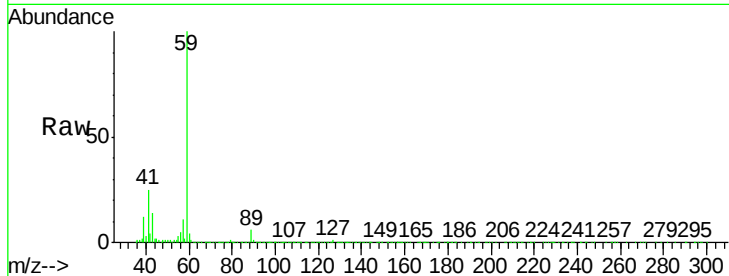
Tert butyl alcohol
Concen: 102.402 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.02 min
Lab File: VX014246.D
Acq: 24 Dec 2019 15:38

Instrument :
MSVOA_X
ClientSampleId :
VX1224WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.8	8.4	12.6

Manual Integrations
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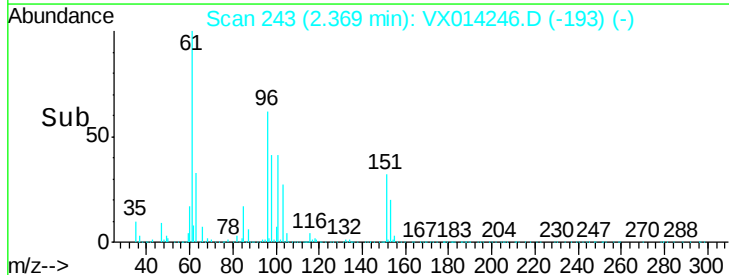
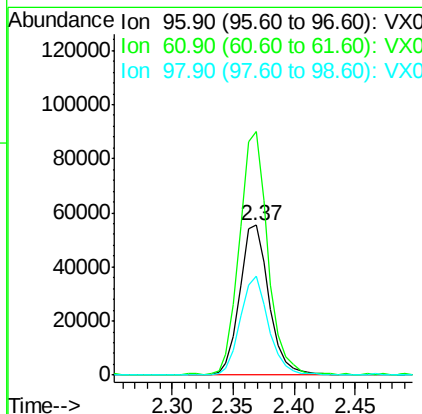
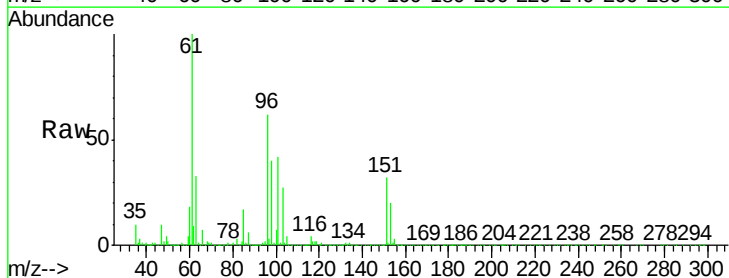
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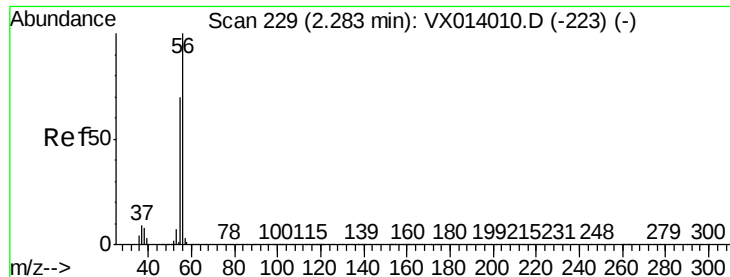


#12

1,1-Dichloroethene
Concen: 18.701 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX014246.D
Acq: 24 Dec 2019 15:38

Tgt Ion	Ratio	Lower	Upper
96	100		
61	162.1	127.9	191.9
98	65.7	50.5	75.7





#13

Acrolein

Concen: 94.940 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014246.D

Acq: 24 Dec 2019 15:38

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBSD01

Tot Ion: 56 Resp: 67116

Ion Ratio Lower Upper

56 100

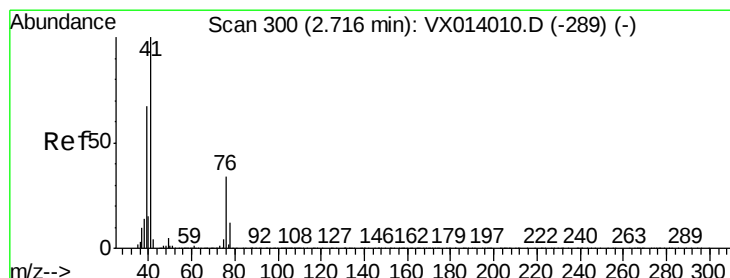
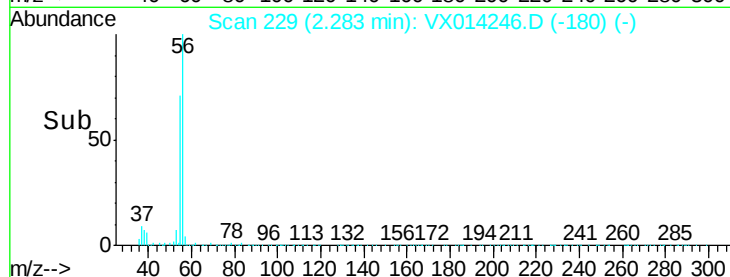
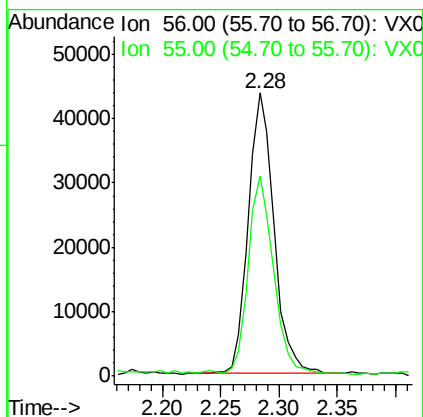
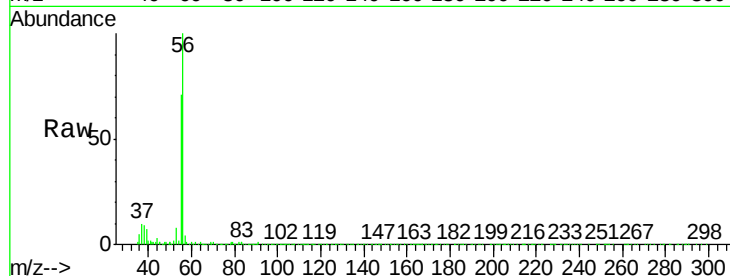
55 70.1 56.9 85.3

Manual Integrations

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#14

Allyl chloride

Concen: 19.672 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.01 min

Lab File: VX014246.D

Acq: 24 Dec 2019 15:38

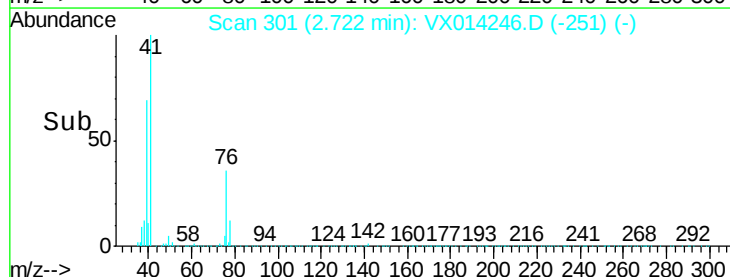
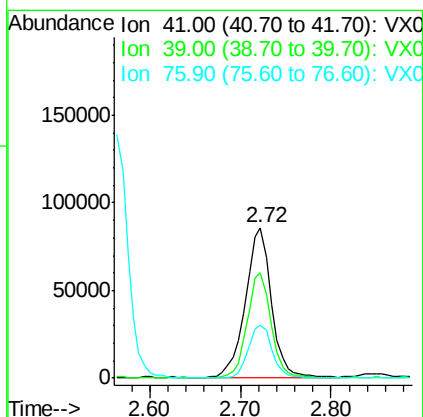
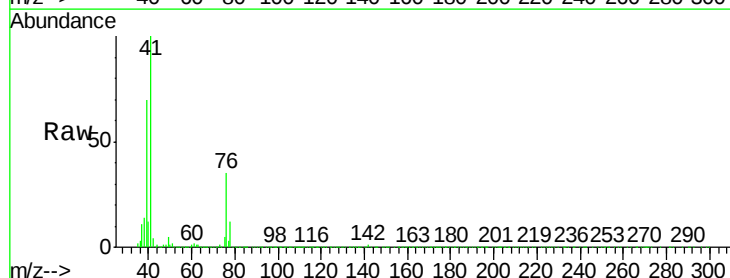
Tgt Ion: 41 Resp: 170385

Ion Ratio Lower Upper

41 100

39 64.5 51.8 77.8

76 32.3 25.9 38.9





#15

Acrylonitrile

Concen: 104.469 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014246.D

Acq: 24 Dec 2019 15:38

Instrument :

MSVOA_X

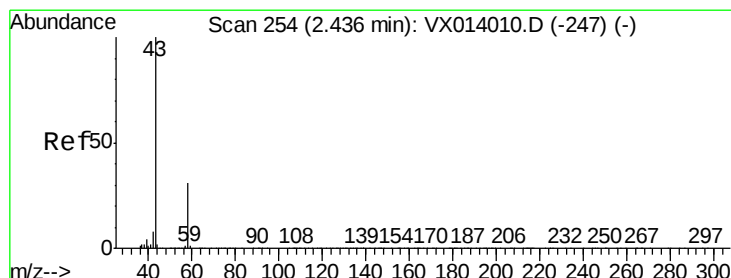
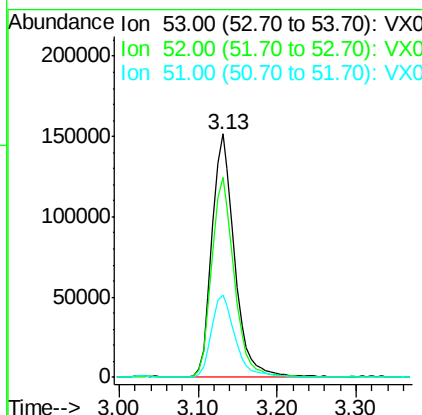
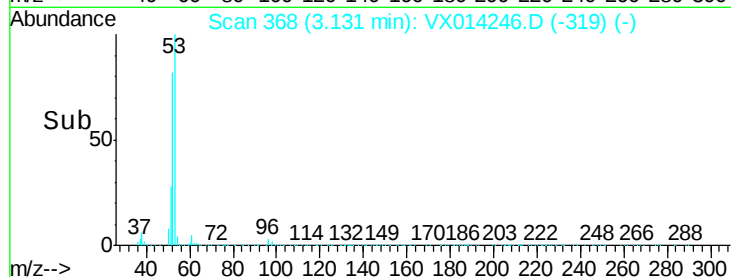
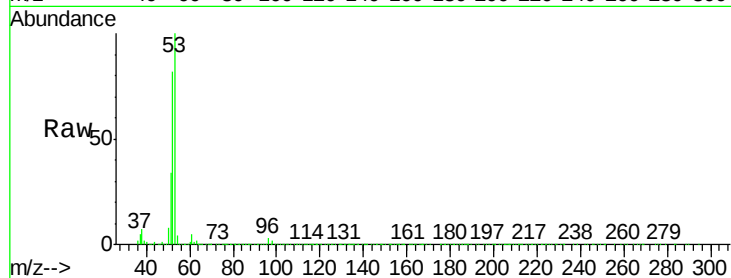
ClientSampleId :

VX1224WBSD01

Tot Ion:	53	Resp:	301130
Ion Ratio		Lower	Upper
53	100		
52	82.0	66.5	99.7
51	35.3	28.1	42.1

Manual Integrations
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#16

Acetone

Concen: 68.137 ug/l

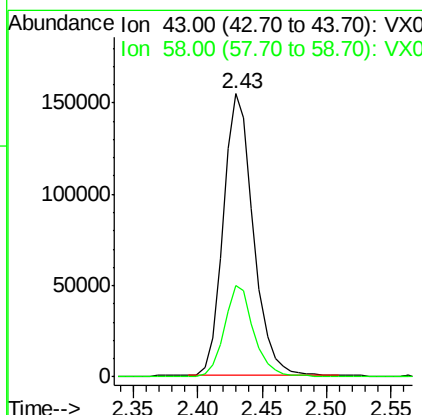
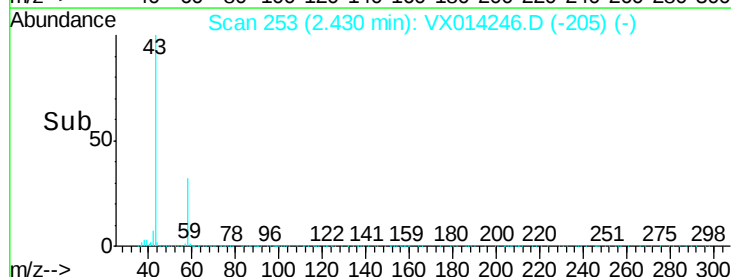
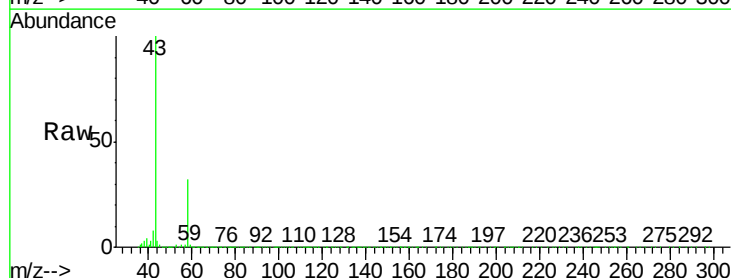
RT: 2.43 min Scan# 253

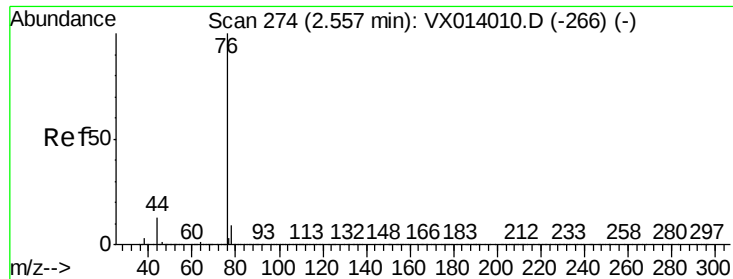
Delta R.T. -0.01 min

Lab File: VX014246.D

Acq: 24 Dec 2019 15:38

Tgt Ion:	43	Resp:	252821
Ion Ratio		Lower	Upper
43	100		
58	32.2	24.9	37.3





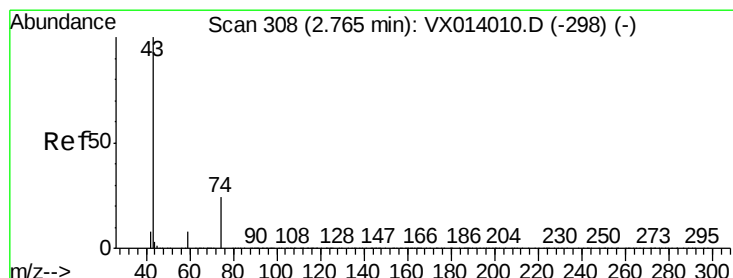
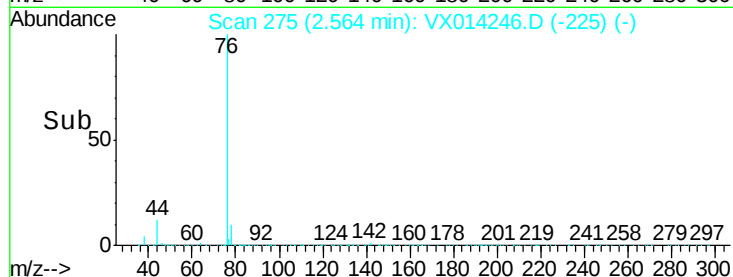
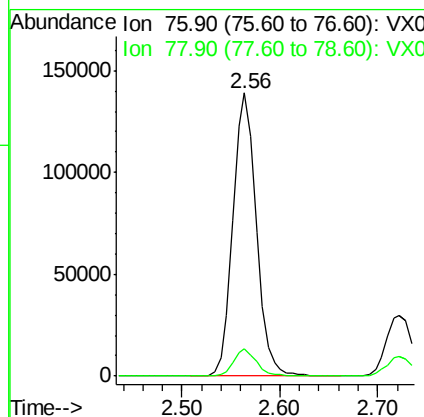
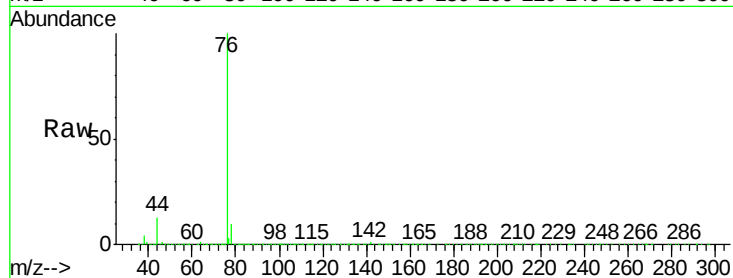
#17
Carbon Disulfide
Concen: 17.636 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX014246.D
Acq: 24 Dec 2019 15:38

Instrument :
MSVOA_X
ClientSampleId :
VX1224WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.8	7.2	10.8

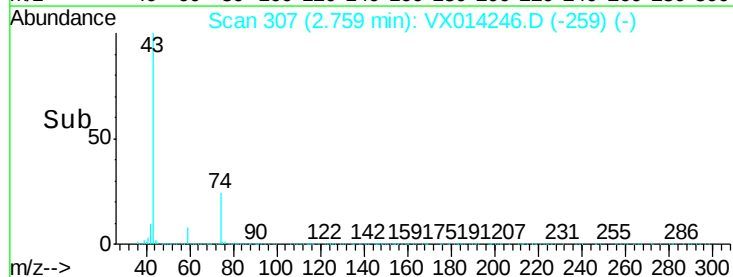
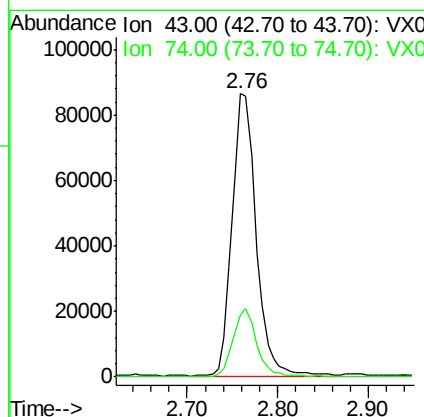
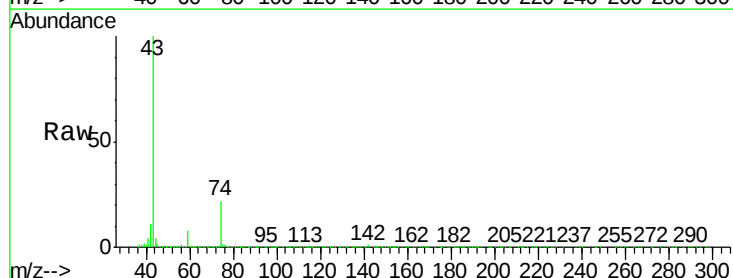
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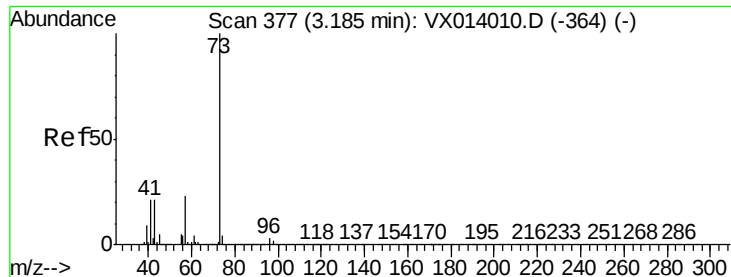
apatel
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#18
Methyl Acetate
Concen: 21.731 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014246.D
Acq: 24 Dec 2019 15:38

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.3	19.5	29.3





#19

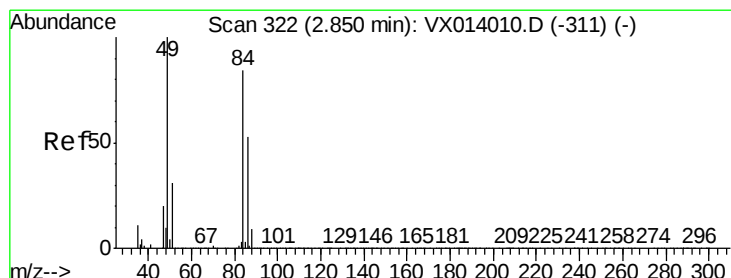
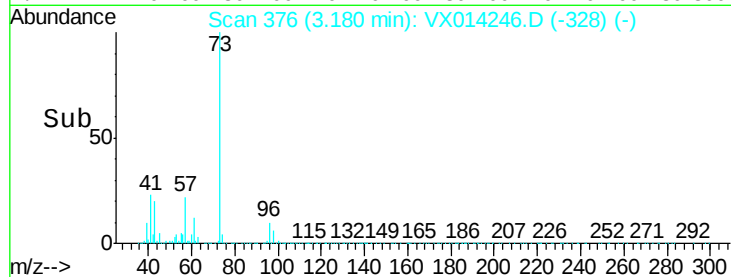
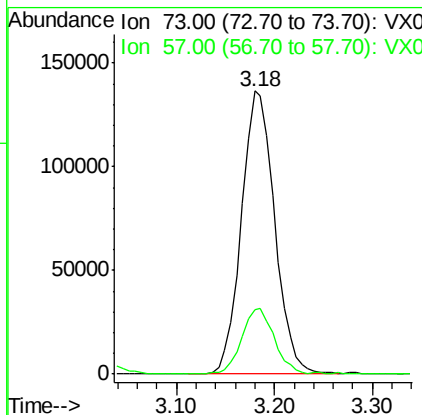
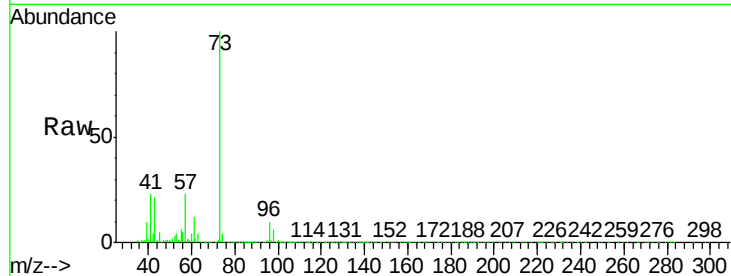
Methyl tert-butyl Ether
 Concen: 20.123 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX014246.D
 Acq: 24 Dec 2019 15:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1224WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.5	18.8	28.2

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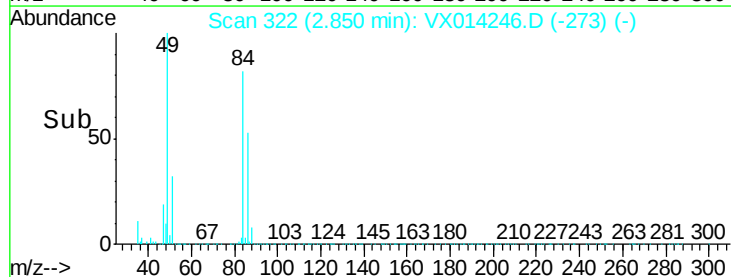
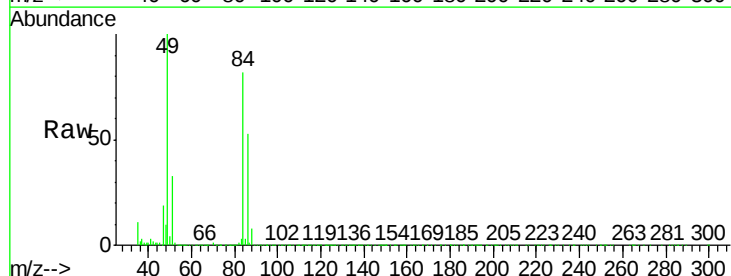
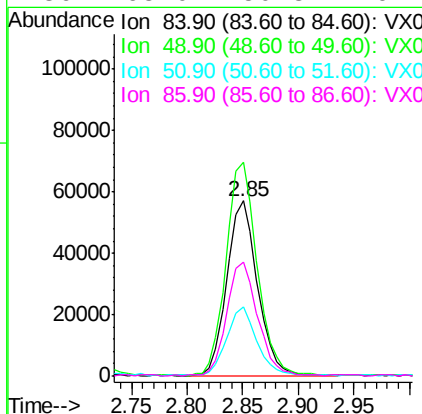
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#20

Methylene Chloride
 Concen: 18.549 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. 0.00 min
 Lab File: VX014246.D
 Acq: 24 Dec 2019 15:38

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.0	95.8	143.6
51	39.5	29.8	44.8
86	65.0	50.8	76.2





#21

trans-1,2-Dichloroethene

Concen: 18.746 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014246.D

Acq: 24 Dec 2019 15:38

Instrument :

MSVOA_X

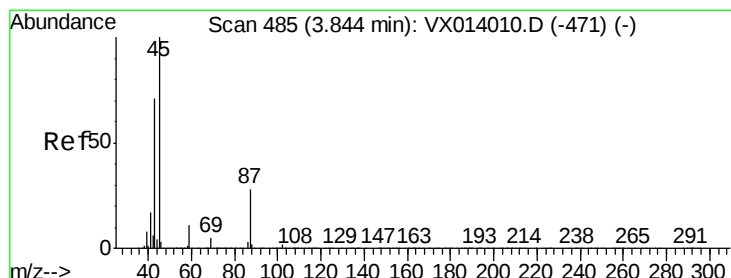
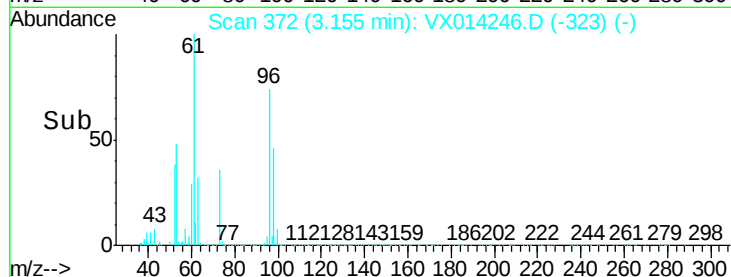
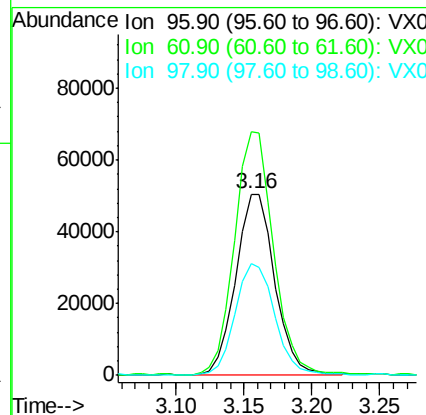
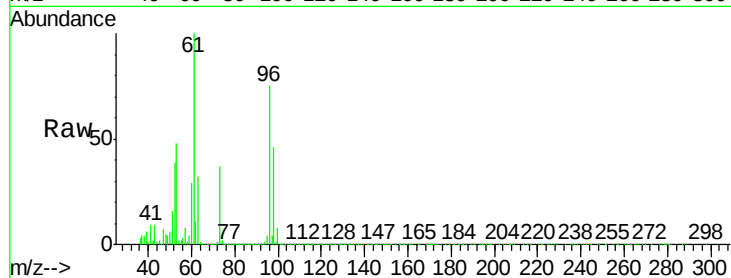
ClientSampleId :

VX1224WBSD01

Tot Ion:	96	Resp:	100181
Ion	Ratio	Lower	Upper
96	100		
61	133.9	108.3	162.5
98	61.5	50.8	76.2

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#22

Diisopropyl ether

Concen: 20.557 ug/l

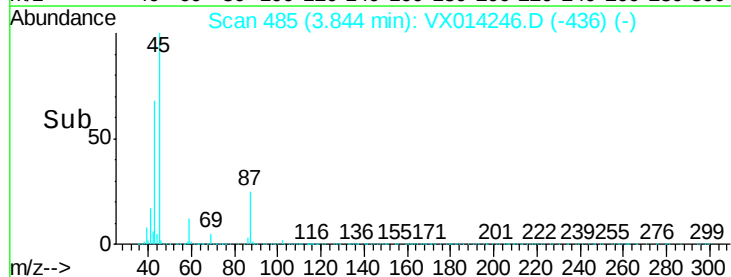
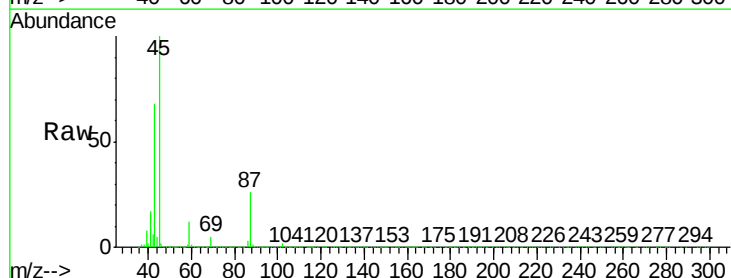
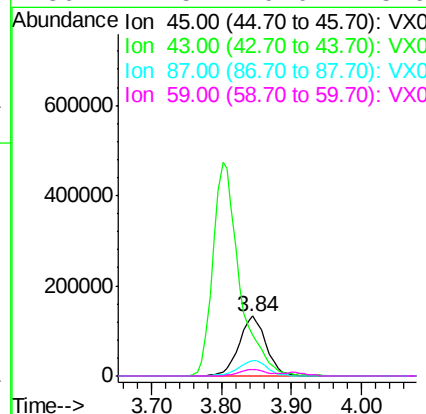
RT: 3.84 min Scan# 485

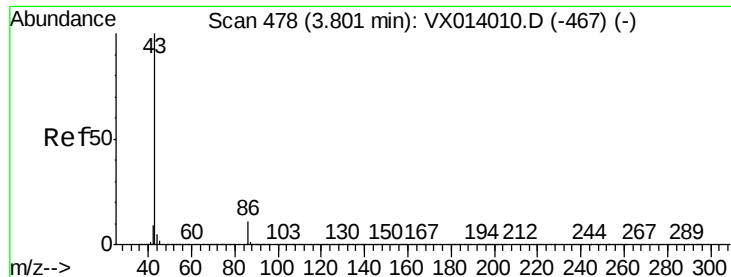
Delta R.T. 0.00 min

Lab File: VX014246.D

Acq: 24 Dec 2019 15:38

Tgt Ion:	45	Resp:	354796
Ion	Ratio	Lower	Upper
45	100		
43	67.1	57.4	86.0
87	25.5	21.9	32.9
59	11.5	9.0	13.6





#23

Vinyl Acetate

Concen: 88.977 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014246.D

Acq: 24 Dec 2019 15:38

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBSD01

Tot Ion: 43 Resp: 1253210

Ion Ratio Lower Upper

43 100

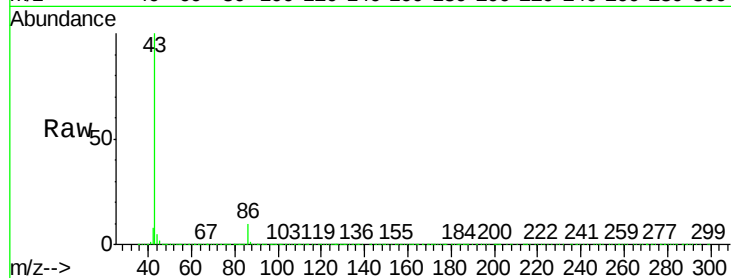
86 10.4 8.6 12.8

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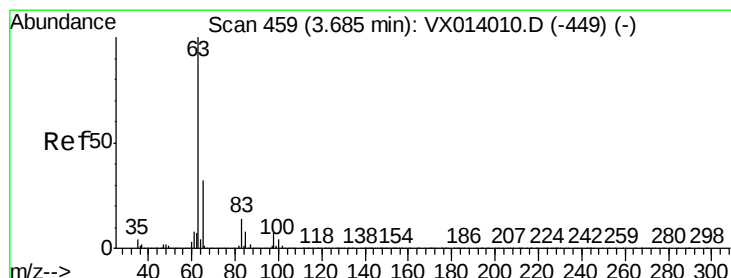
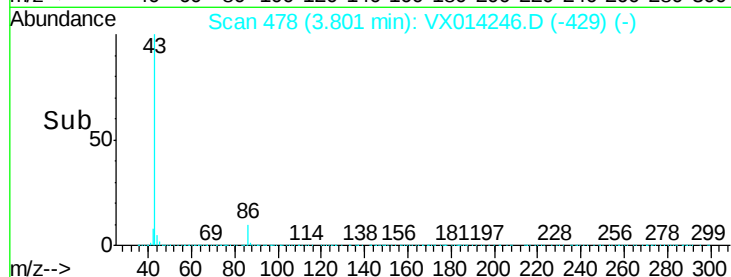
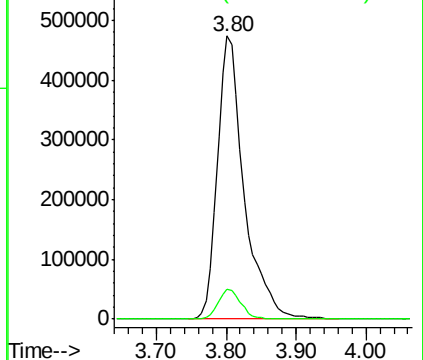
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.625 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014246.D

Acq: 24 Dec 2019 15:38

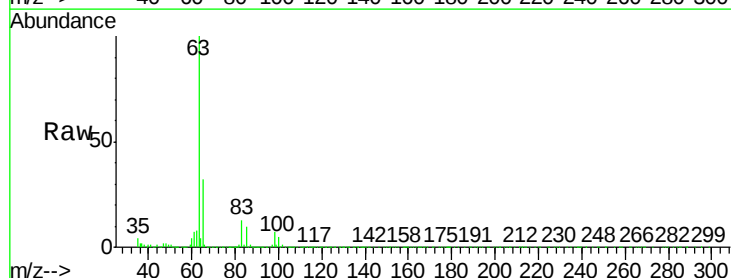
Tgt Ion: 63 Resp: 188446

Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.8

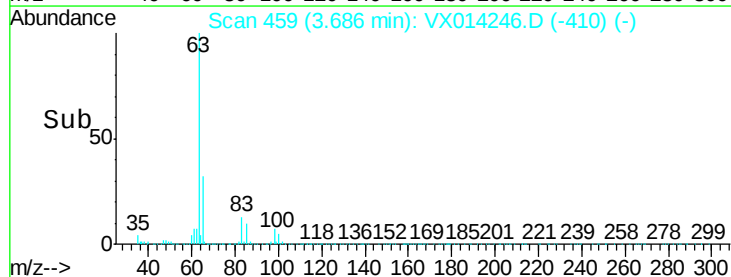
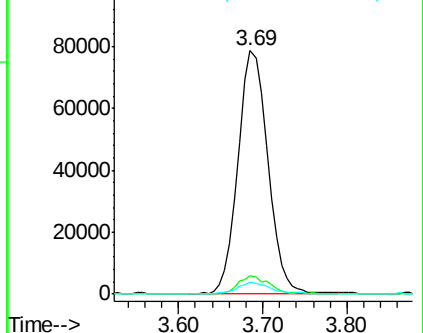
100 5.0 2.3 6.8

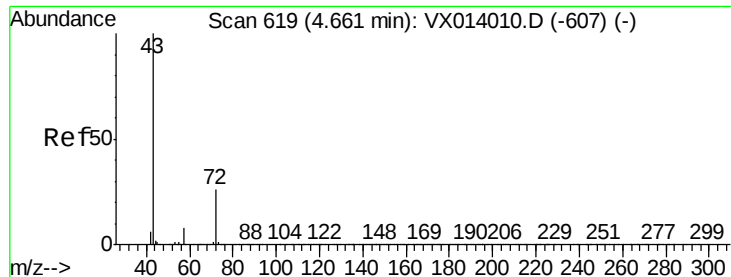


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 91.701 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX014246.D

Acq: 24 Dec 2019 15:38

Tot Ion: 43 Resp: 419495

Ion Ratio Lower Upper

43 100

72 26.6 21.0 31.4

Instrument :

MSVOA_X

ClientSampleId :

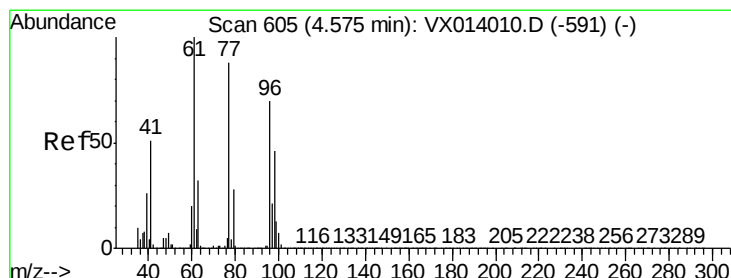
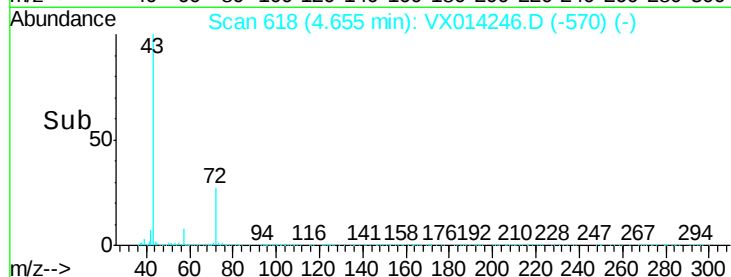
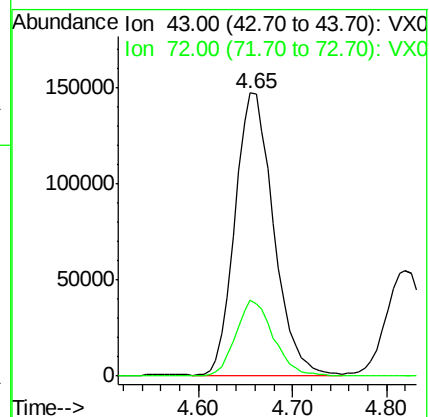
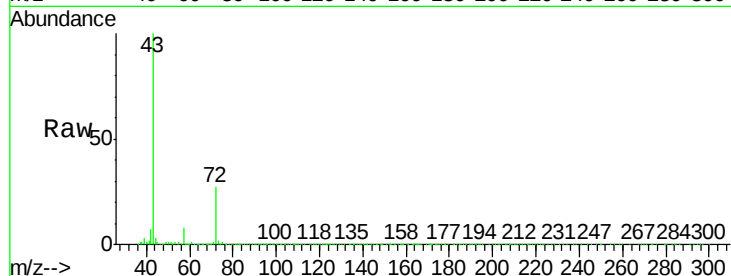
VX1224WBSD01

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#26

2,2-Dichloropropane

Concen: 17.788 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX014246.D

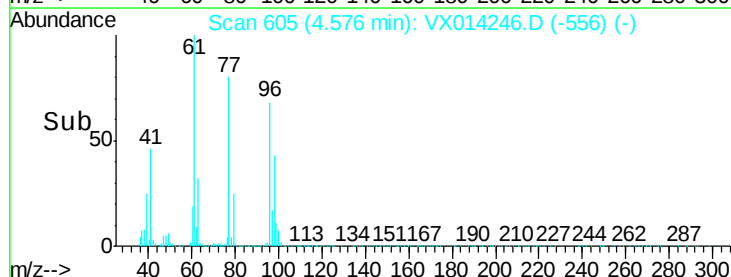
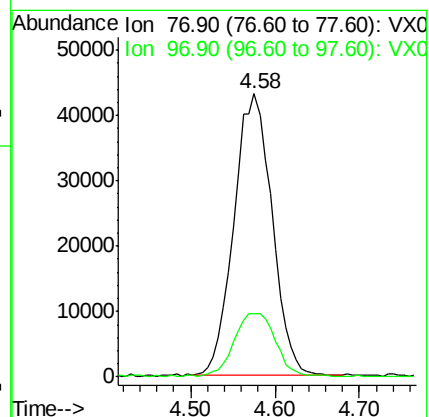
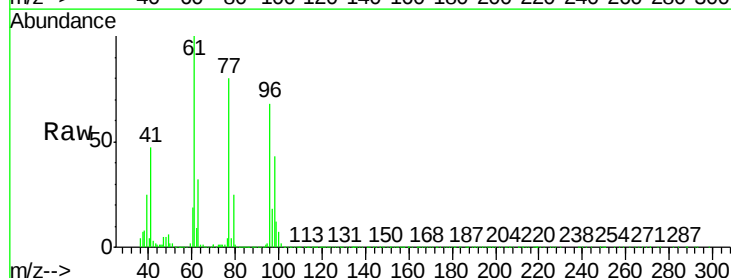
Acq: 24 Dec 2019 15:38

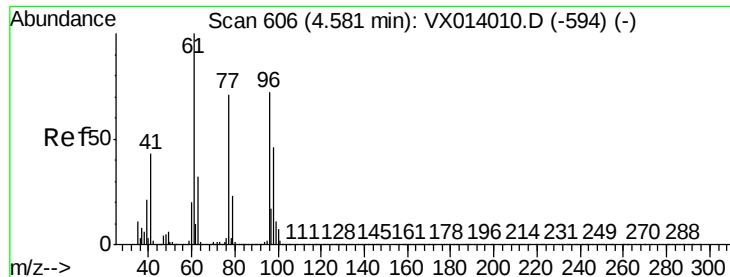
Tgt Ion: 77 Resp: 132621

Ion Ratio Lower Upper

77 100

97 23.9 11.9 35.9





#27

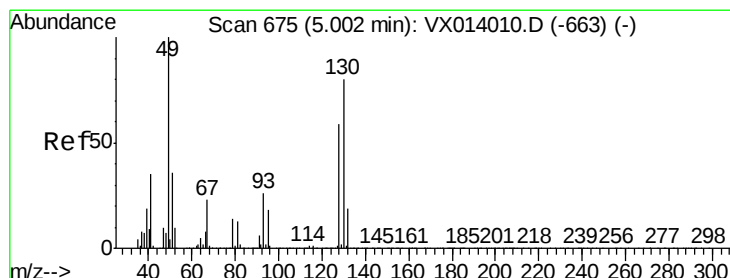
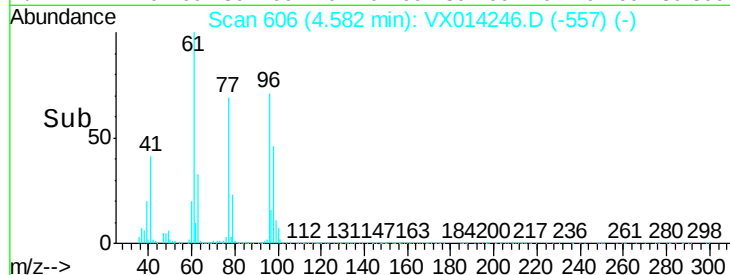
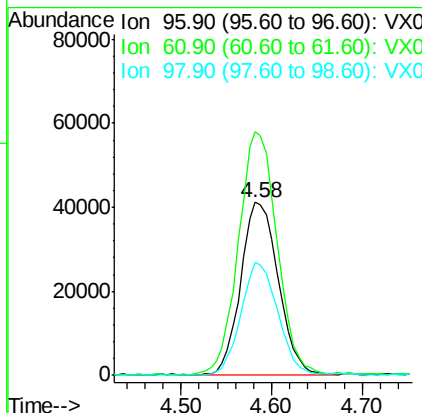
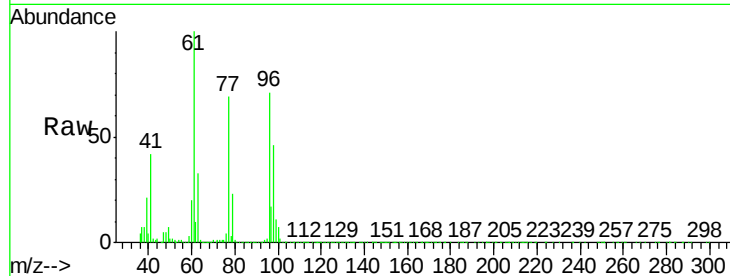
cis-1,2-Dichloroethene
Concen: 19.478 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX014246.D
Acq: 24 Dec 2019 15:38

Instrument :
MSVOA_X
ClientSampleId :
VX1224WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	117722		
61	144.6	0.0	288.4	
98	64.0	0.0	129.6	

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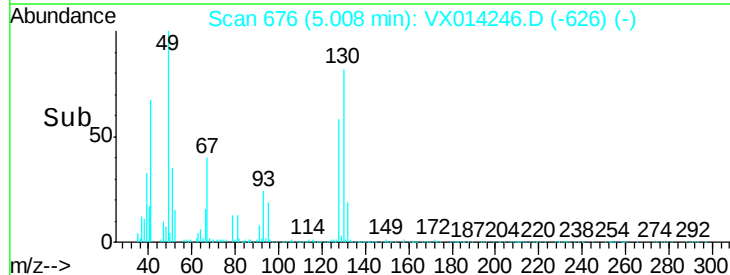
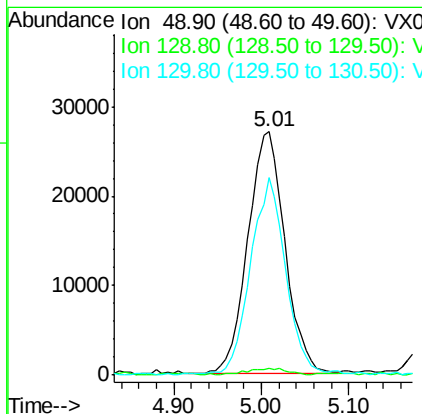
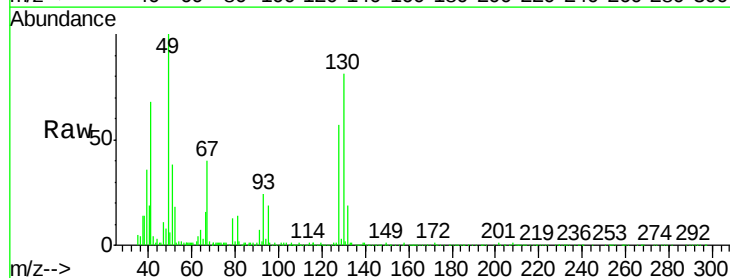
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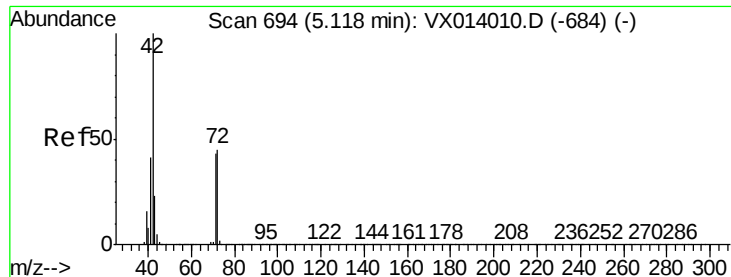


#28

Bromochloromethane
Concen: 21.880 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX014246.D
Acq: 24 Dec 2019 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	79851		
129	2.9	0.0	5.0	
130	77.5	64.6	97.0	





#29

Tetrahydrofuran

Concen: 107.154 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX014246.D

Acq: 24 Dec 2019 15:38

Instrument :

MSVOA_X

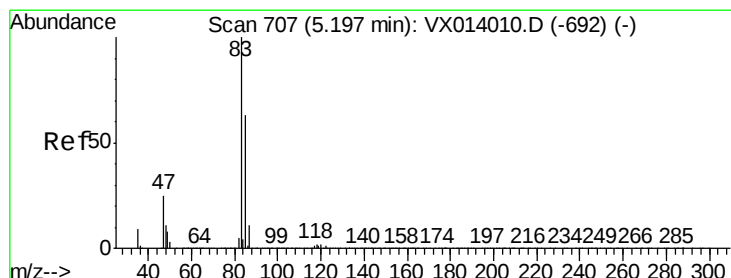
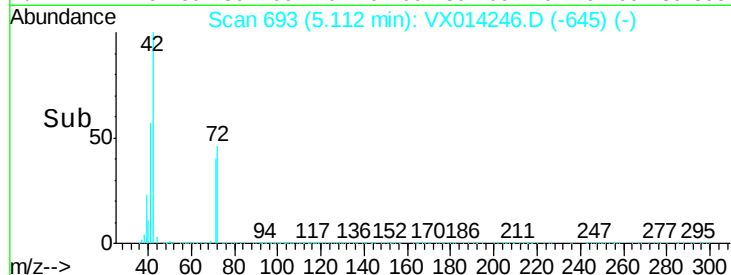
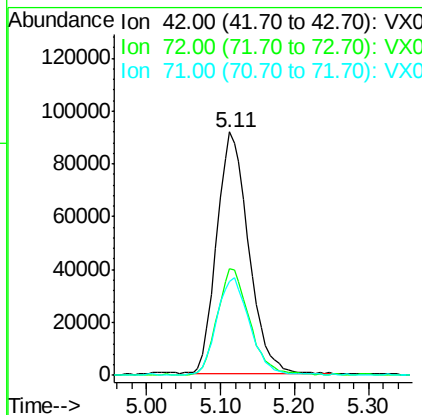
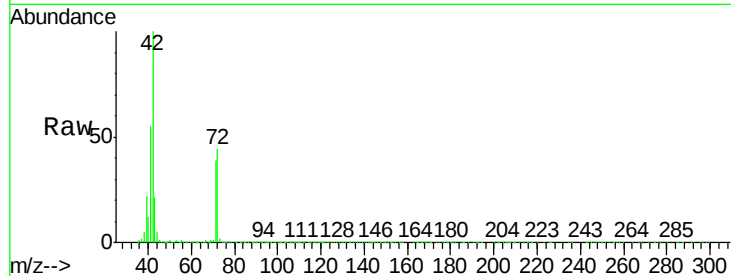
ClientSampleId :

VX1224WBSD01

Tot Ion:	42	Resp:	274174
Ion Ratio		Lower	Upper
42	100		
72	44.2	35.8	53.8
71	41.5	33.6	50.4

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#30

Chloroform

Concen: 19.734 ug/l

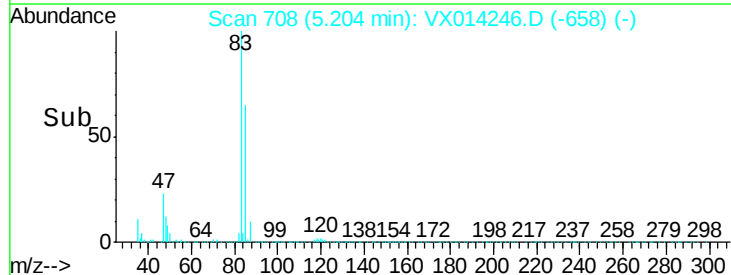
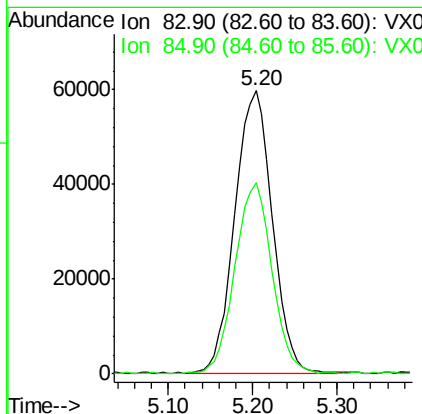
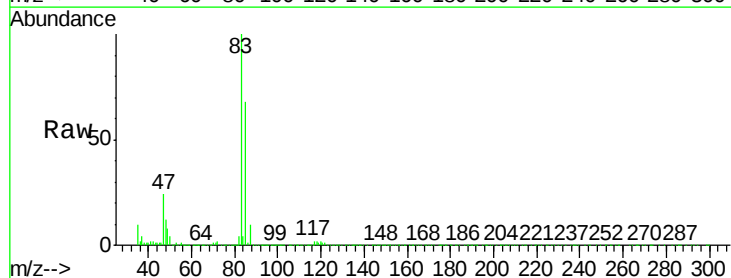
RT: 5.20 min Scan# 708

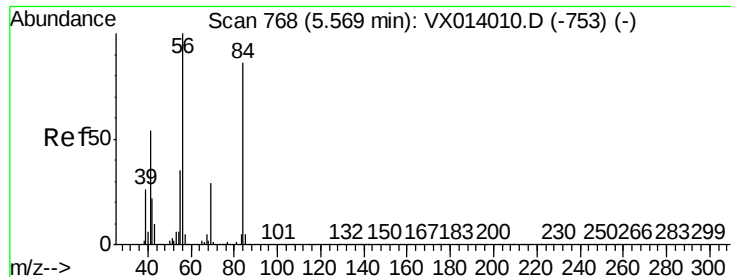
Delta R.T. 0.01 min

Lab File: VX014246.D

Acq: 24 Dec 2019 15:38

Tgt Ion:	83	Resp:	179639
Ion Ratio		Lower	Upper
83	100		
85	67.5	50.8	76.2





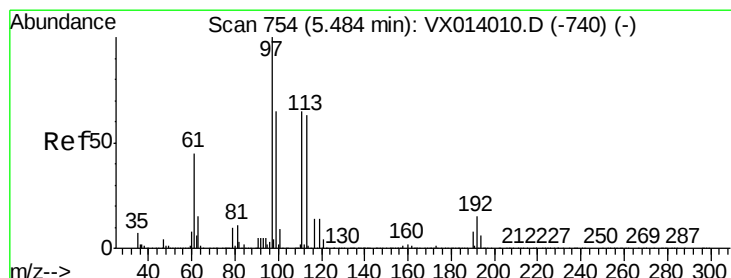
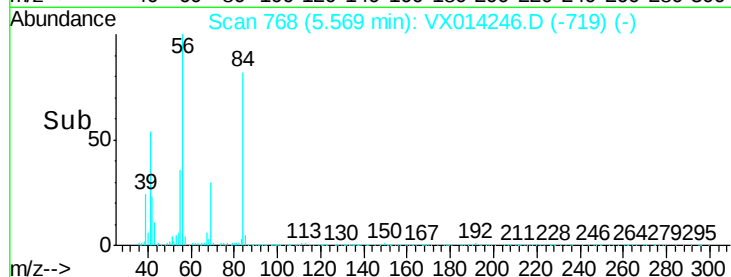
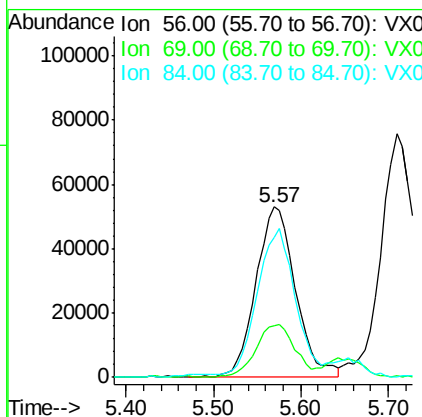
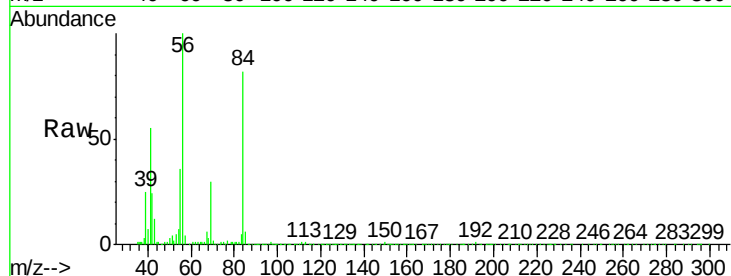
#31
Cyclohexane
Concen: 19.501 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014246.D
Acq: 24 Dec 2019 15:38

Instrument :
MSVOA_X
ClientSampleId :
VX1224WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.8	23.2	34.8
84	80.8	69.2	103.8

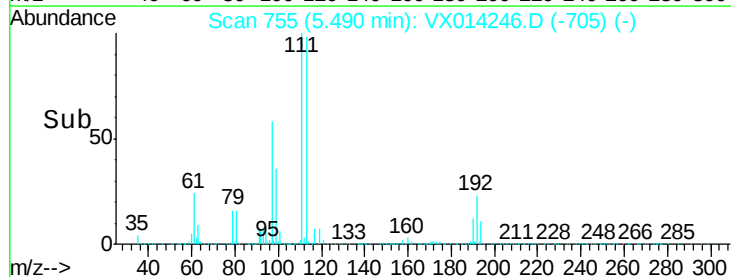
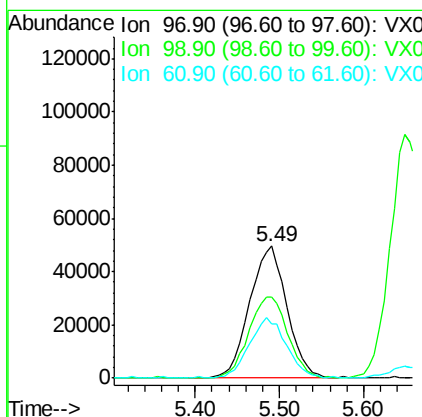
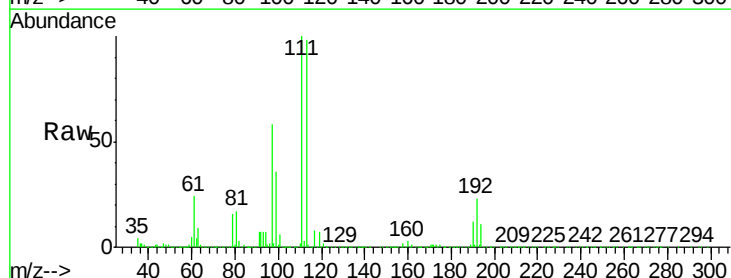
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#32
1,1,1-Trichloroethane
Concen: 19.101 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX014246.D
Acq: 24 Dec 2019 15:38

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	52.0	78.0
61	45.0	36.7	55.1





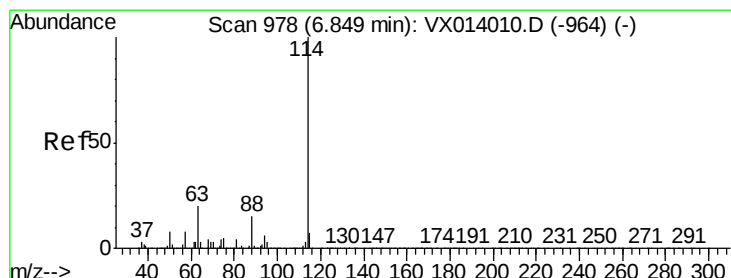
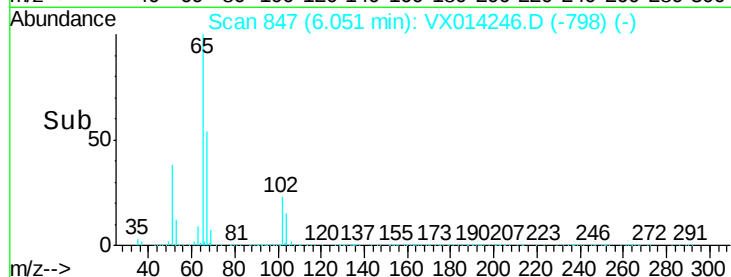
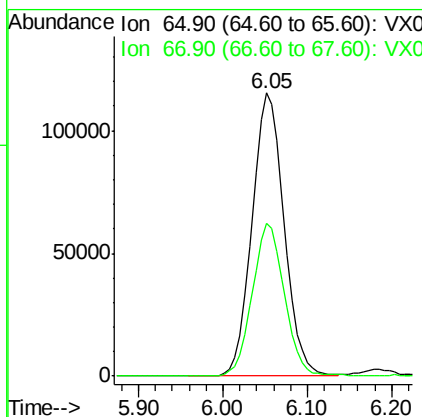
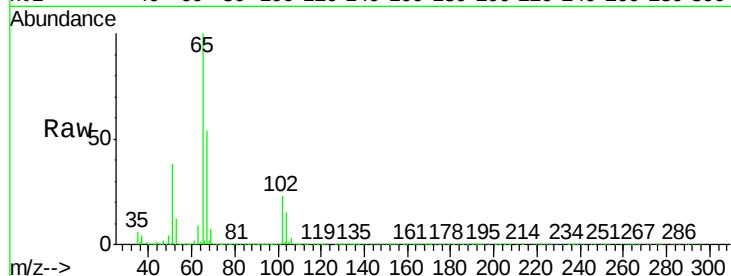
#33
 1,2-Dichloroethane-d4
 Concen: 52.184 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014246.D
 Acq: 24 Dec 2019 15:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1224WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	298248		
67	54.4	0.0	106.4	

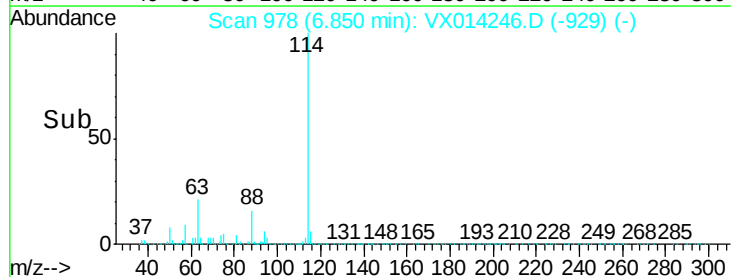
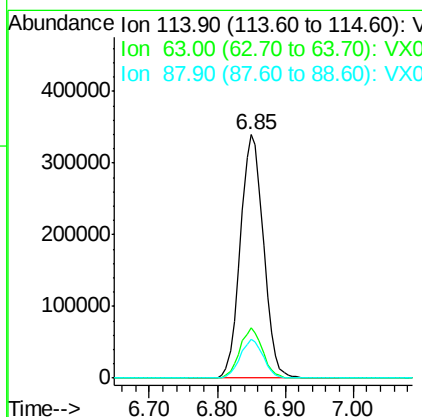
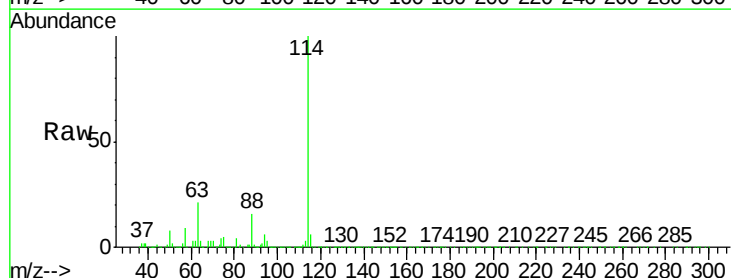
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014246.D
 Acq: 24 Dec 2019 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	801945		
63	20.7	0.0	40.8	
88	15.8	0.0	30.4	





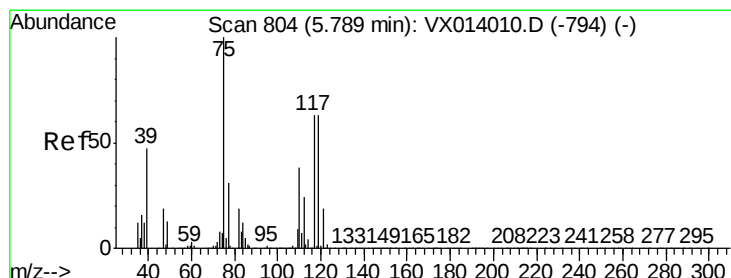
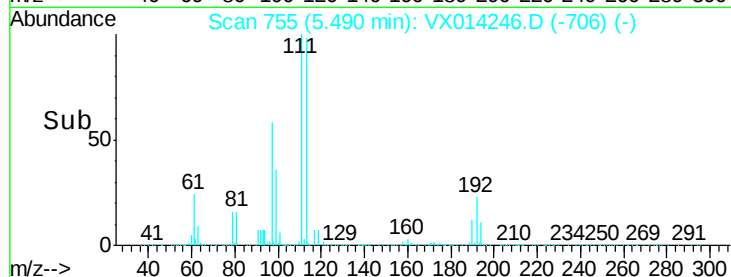
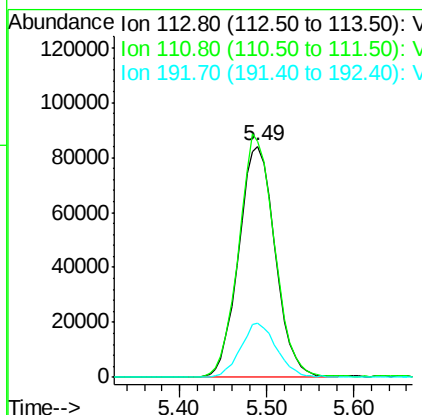
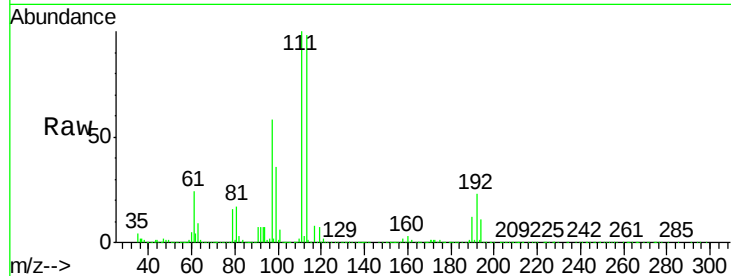
#35
 Dibromofluoromethane
 Concen: 49.951 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX014246.D
 Acq: 24 Dec 2019 15:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1224WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	243508		
111	103.2	82.0	123.0	
192	23.5	19.3	28.9	

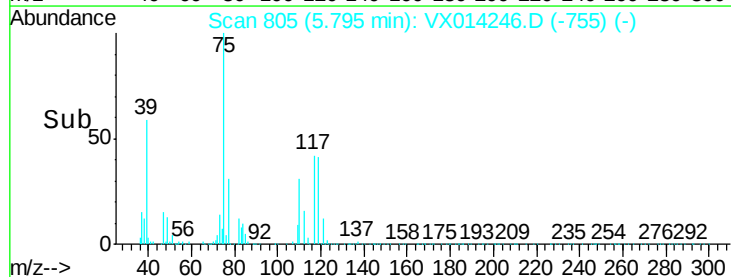
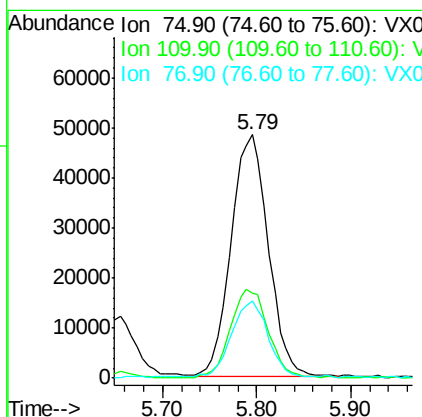
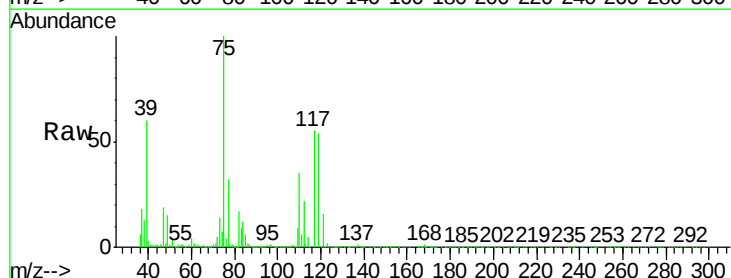
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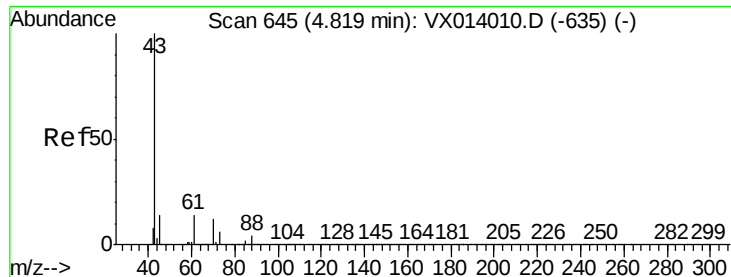
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#36
 1,1-Dichloropropene
 Concen: 18.105 ug/l
 RT: 5.79 min Scan# 805
 Delta R.T. 0.01 min
 Lab File: VX014246.D
 Acq: 24 Dec 2019 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	133223		
110	36.9	18.3	54.9	
77	30.9	24.8	37.2	





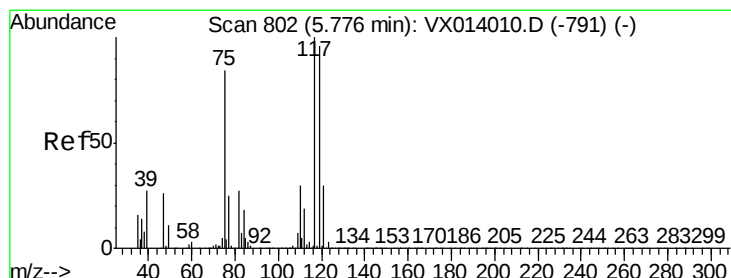
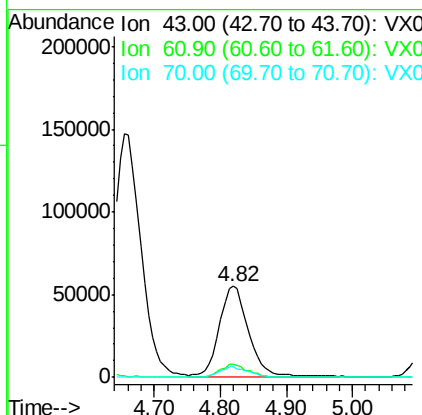
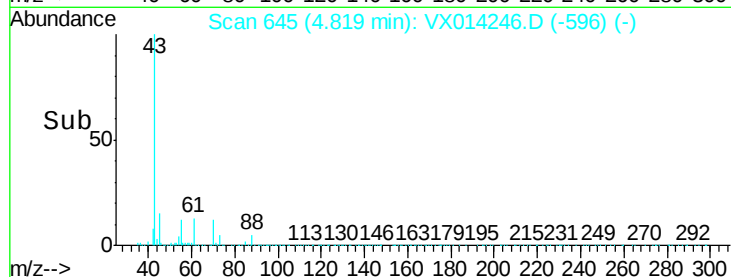
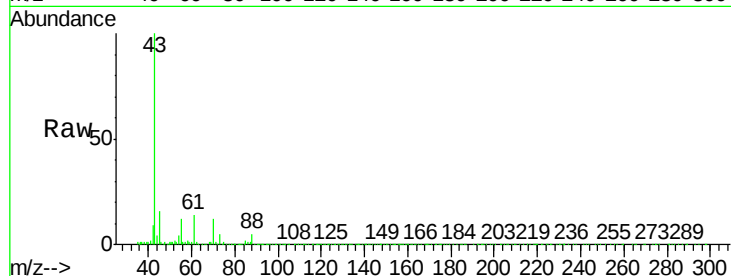
#37
Ethyl Acetate
Concen: 20.239 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014246.D
Acq: 24 Dec 2019 15:38

Instrument :
MSVOA_X
ClientSampleId :
VX1224WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.8	16.2
70	11.0	8.6	12.8

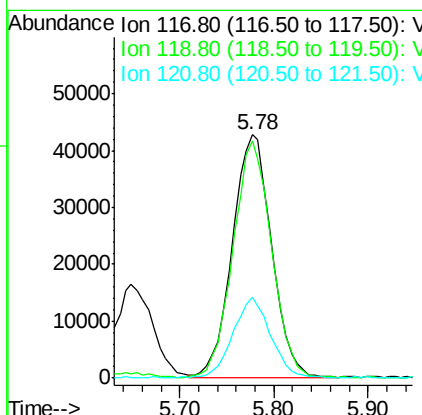
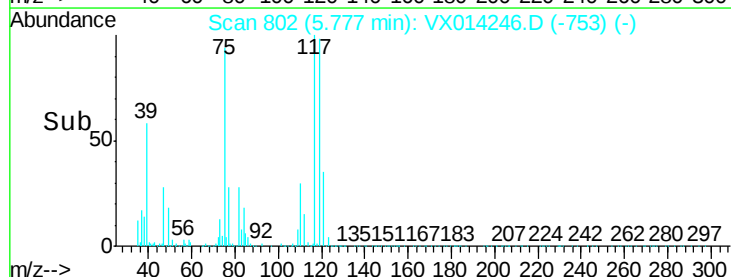
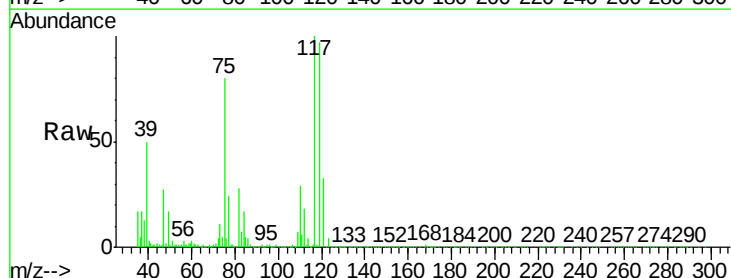
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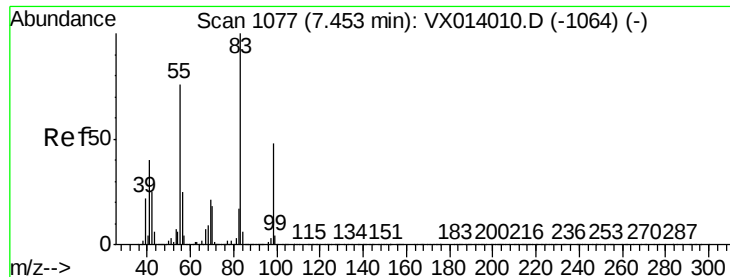
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#38
Carbon Tetrachloride
Concen: 18.419 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014246.D
Acq: 24 Dec 2019 15:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.3	76.2	114.4
121	33.2	23.6	35.4





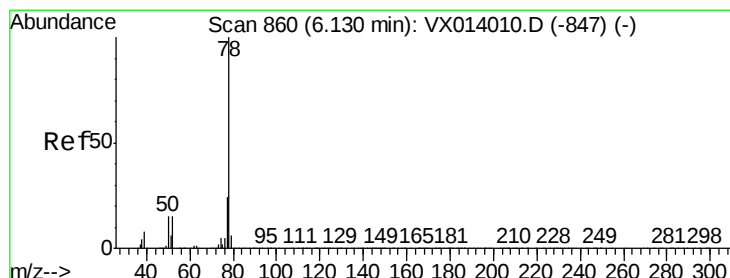
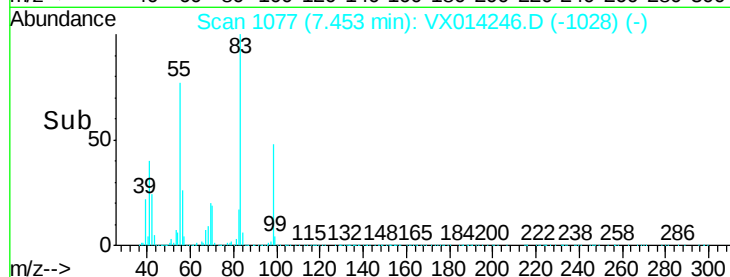
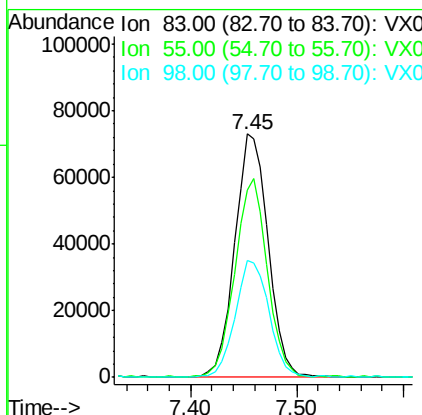
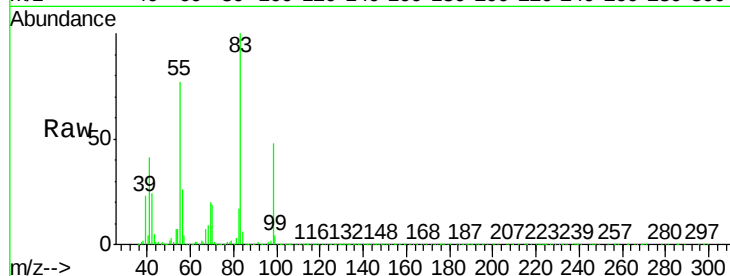
#39
Methvlcvclohexane
Concen: 17.619 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VX014246.D
Acq: 24 Dec 2019 15:38

Instrument :
MSVOA_X
ClientSampleId :
VX1224WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.8	61.0	91.6
98	48.1	38.6	57.8

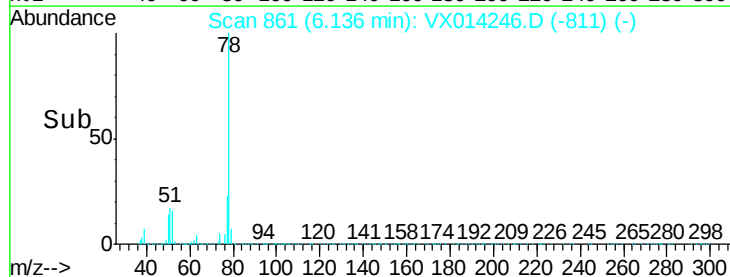
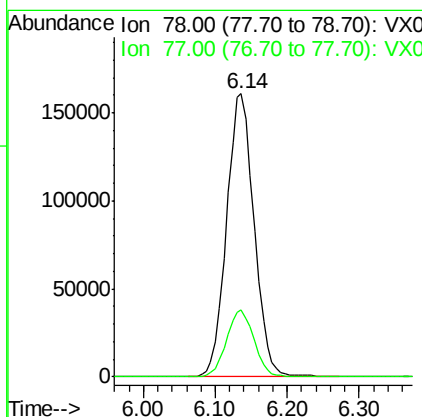
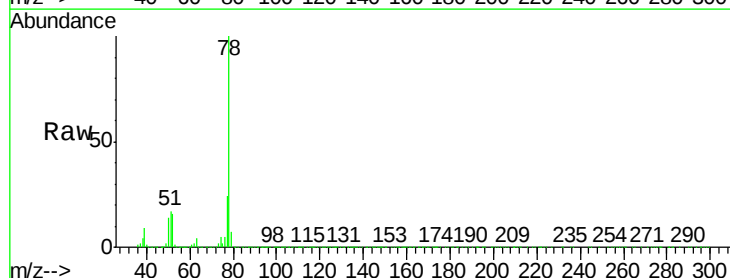
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#40
Benzene
Concen: 18.789 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX014246.D
Acq: 24 Dec 2019 15:38

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.8	28.2





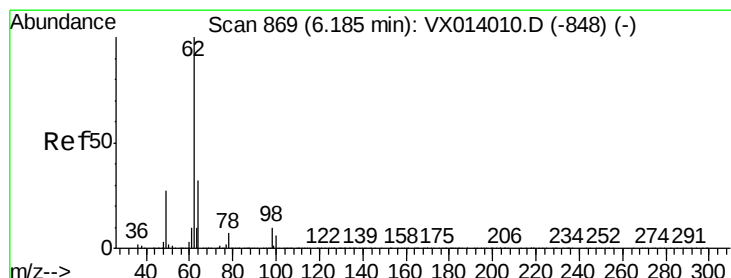
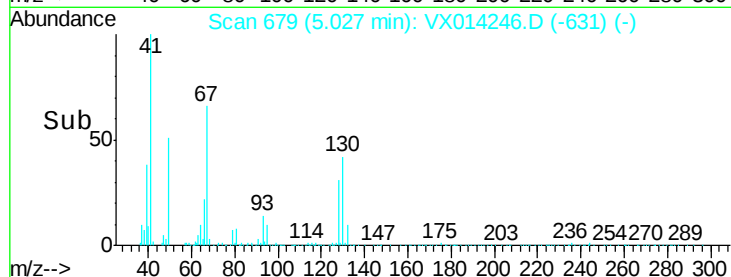
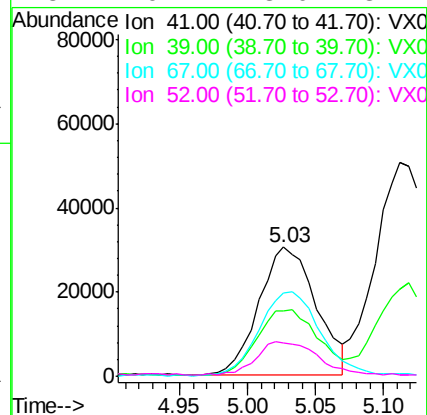
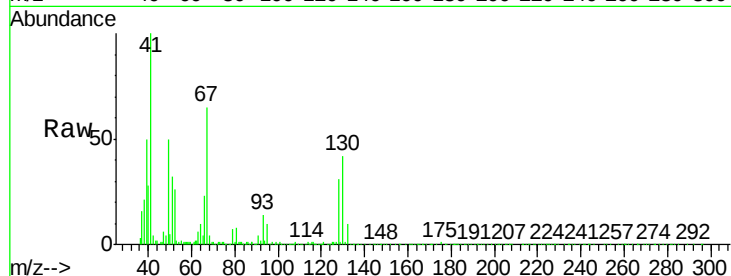
#41
Methacrylonitrile
Concen: 19.793 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX014246.D
Acq: 24 Dec 2019 15:38

Instrument :
MSVOA_X
ClientSampleId :
VX1224WBSD01

Tot Ion	Ratio	Lower	Upper
41	100		
39	54.9	44.5	66.7
67	72.2	57.4	86.0
52	29.1	23.0	34.4

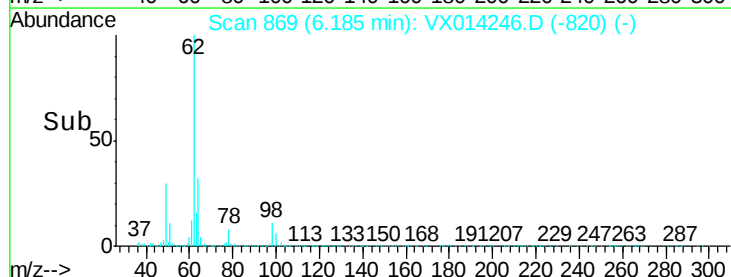
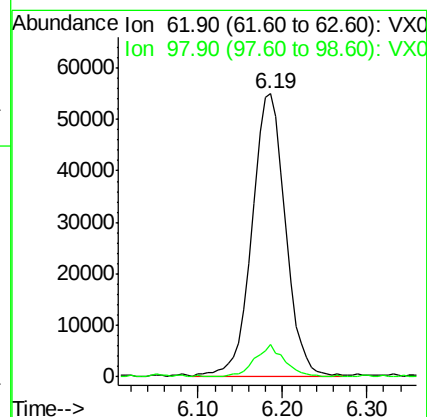
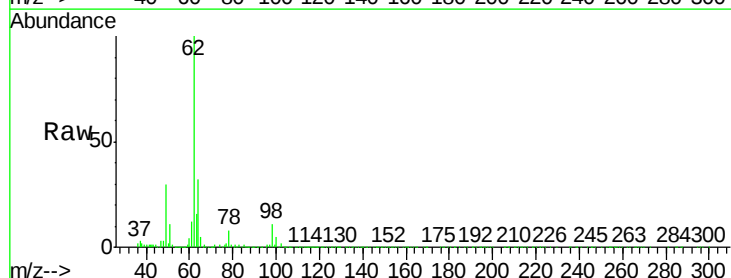
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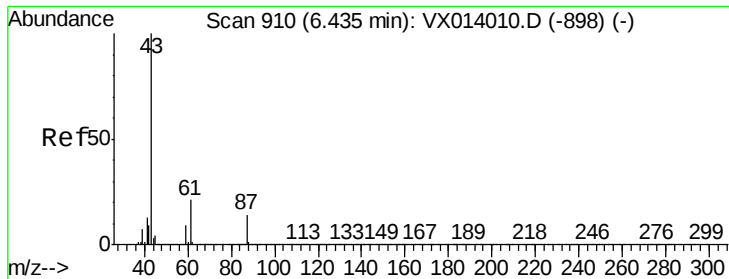
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#42
1,2-Dichloroethane
Concen: 19.101 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX014246.D
Acq: 24 Dec 2019 15:38

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	21.0





#43

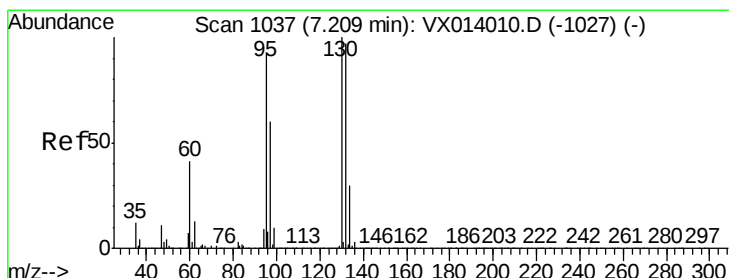
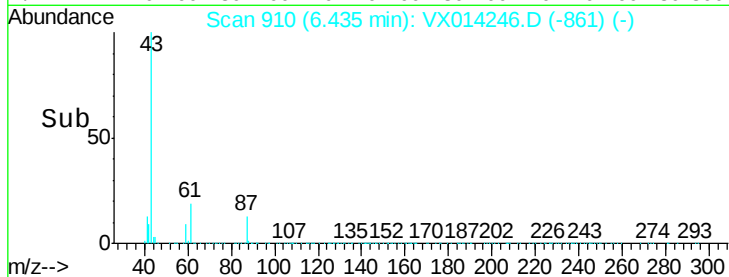
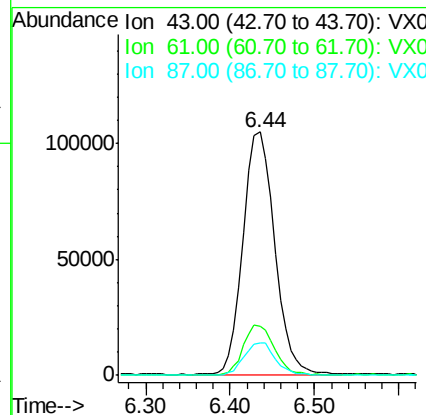
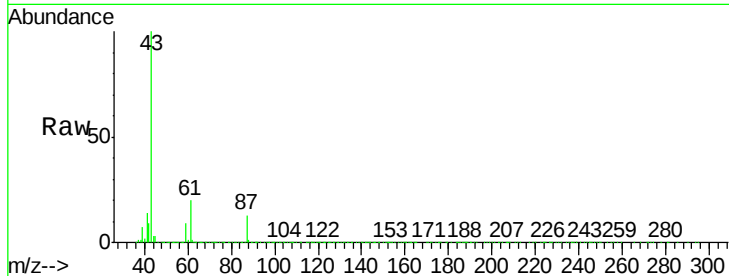
Isopropyl Acetate
 Concen: 19.821 ug/l
 RT: 6.44 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX014246.D
 Acq: 24 Dec 2019 15:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1224WBSD01

Tot Ion:	43	Resp:	266545
Ion Ratio		Lower	Upper
43	100		
61	20.6	16.4	24.6
87	13.4	10.7	16.1

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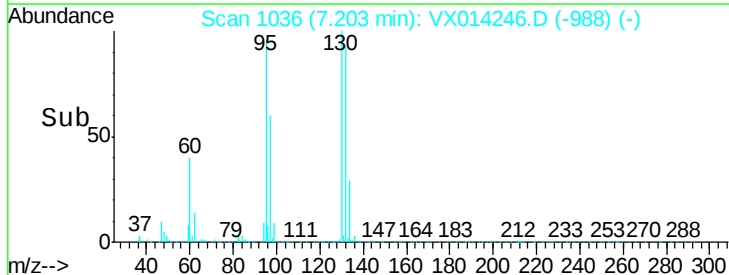
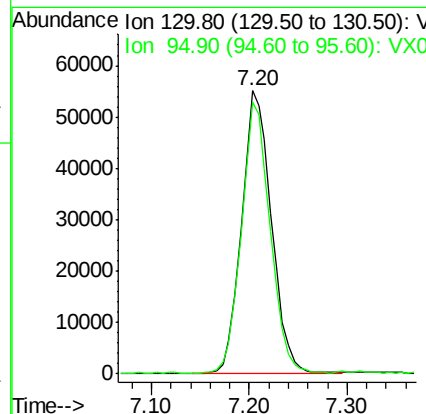
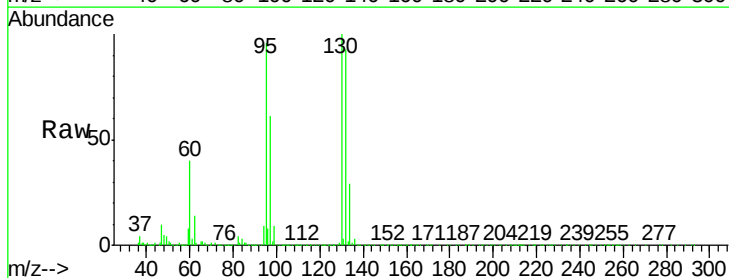
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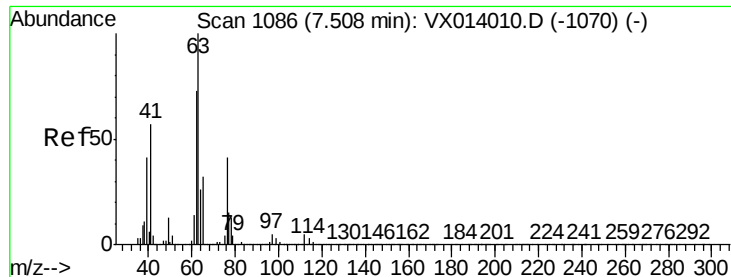


#44

Trichloroethene
 Concen: 18.631 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014246.D
 Acq: 24 Dec 2019 15:38

Tgt Ion:	130	Resp:	116509
Ion Ratio		Lower	Upper
130	100		
95	95.7	0.0	185.6





#45

1,2-Dichloropropane

Concen: 19.115 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX014246.D

Acq: 24 Dec 2019 15:38

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBSD01

Tot Ion: 63 Resp: 110922

Ion Ratio Lower Upper

63 100

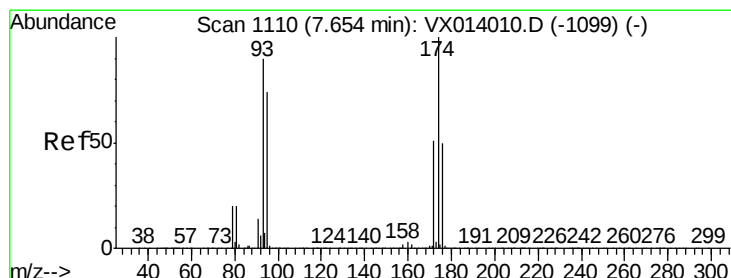
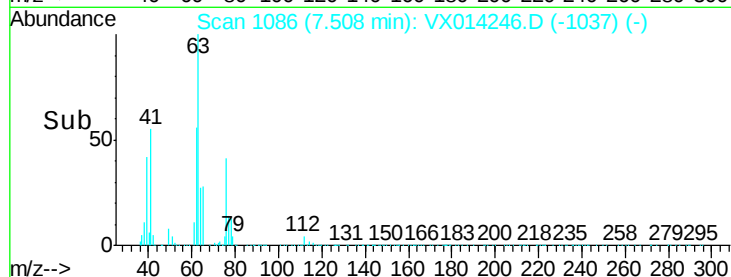
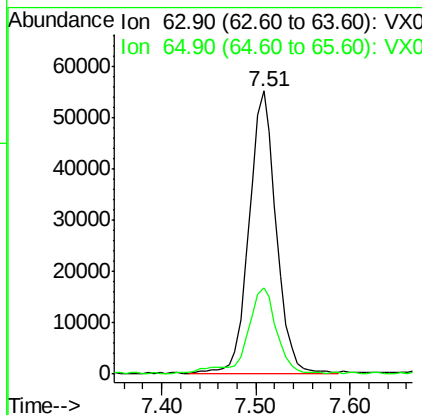
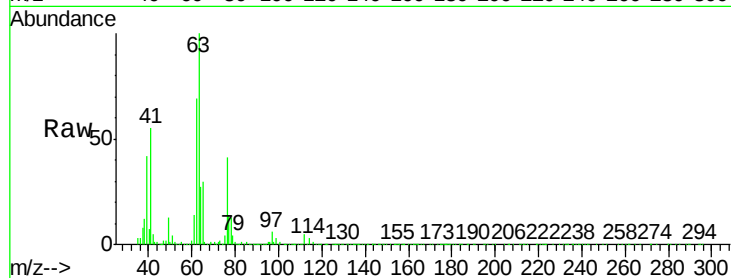
65 29.9 25.8 38.8

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#46

Dibromomethane

Concen: 18.412 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014246.D

Acq: 24 Dec 2019 15:38

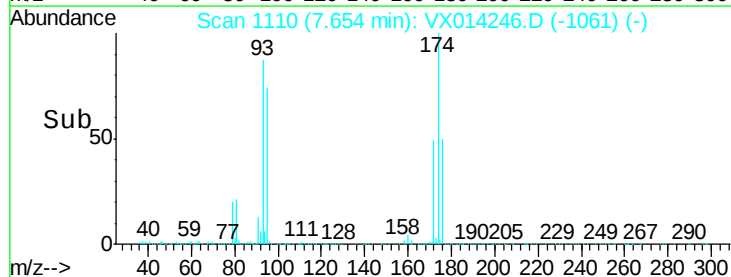
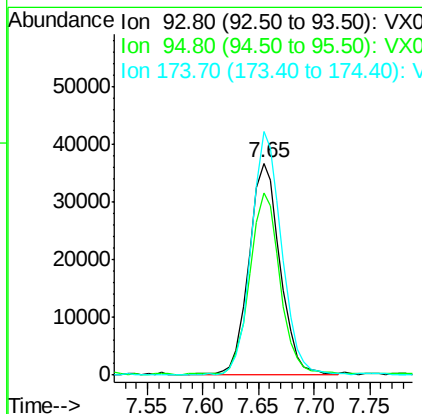
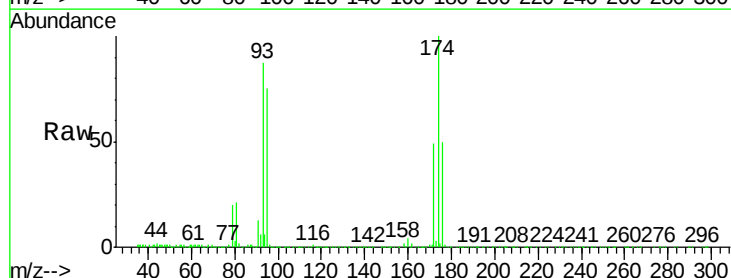
Tgt Ion: 93 Resp: 70641

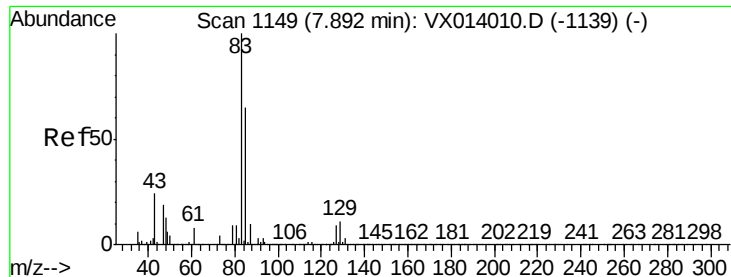
Ion Ratio Lower Upper

93 100

95 84.8 67.3 100.9

174 113.8 91.6 137.4





#47

Bromodichloromethane

Concen: 18.626 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014246.D

Acq: 24 Dec 2019 15:38

Instrument :

MSVOA_X

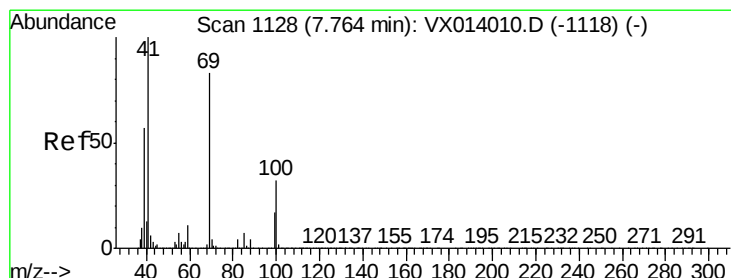
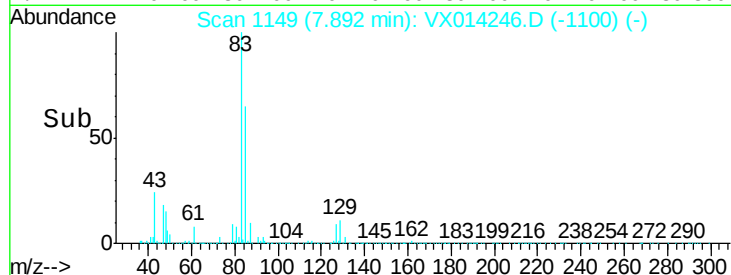
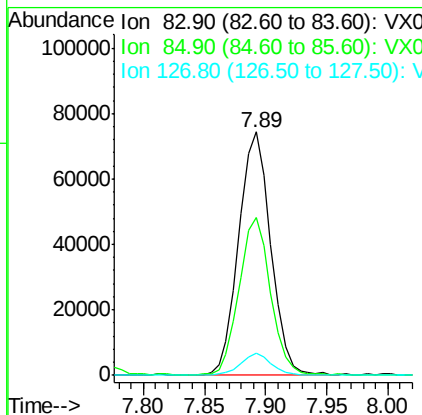
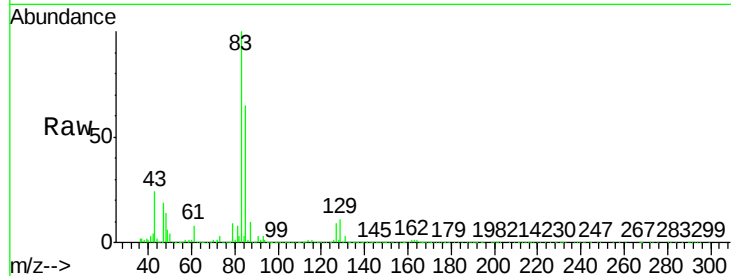
ClientSampleId :

VX1224WBSD01

Tot Ion	83	Resp	134585
Ion Ratio	Lower	Upper	
83	100		
85	64.5	51.8	77.8
127	9.2	7.0	10.4

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#48

Methyl methacrylate

Concen: 19.619 ug/l

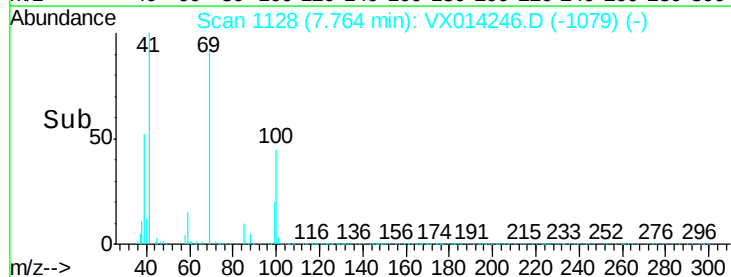
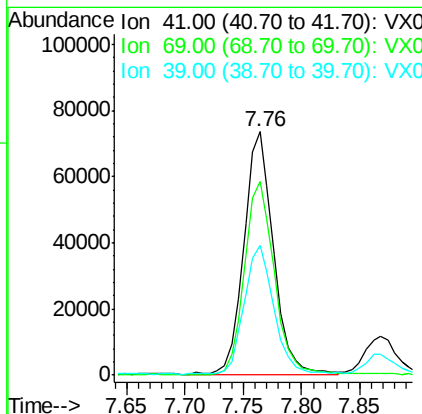
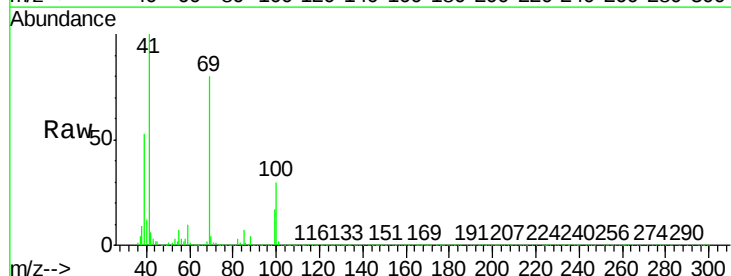
RT: 7.76 min Scan# 1128

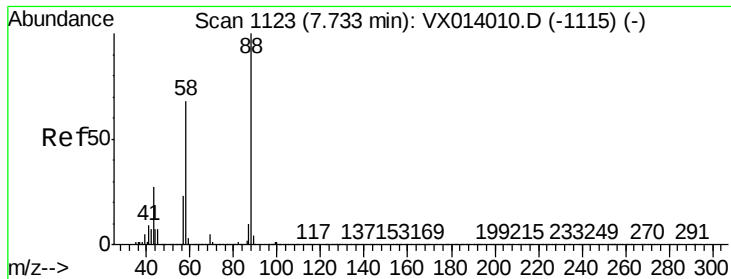
Delta R.T. 0.00 min

Lab File: VX014246.D

Acq: 24 Dec 2019 15:38

Tgt Ion	41	Resp	129189
Ion Ratio	Lower	Upper	
41	100		
69	80.7	65.8	98.6
39	53.5	44.6	67.0





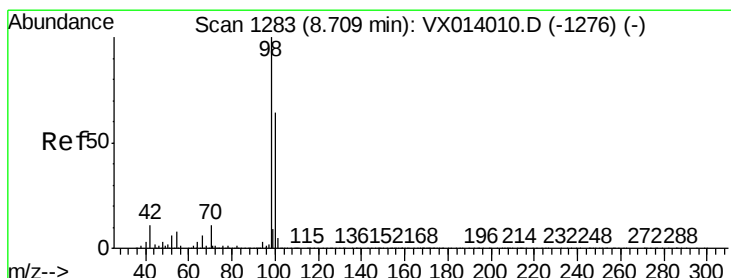
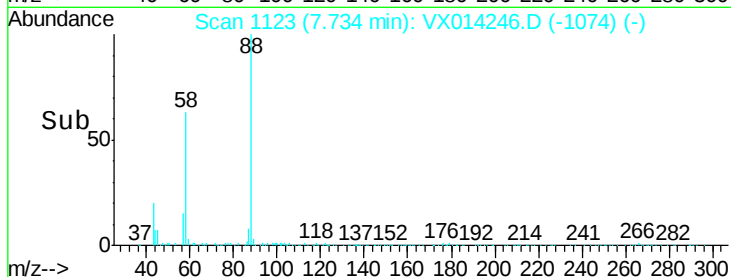
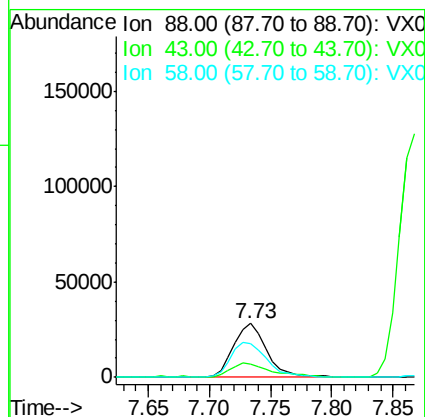
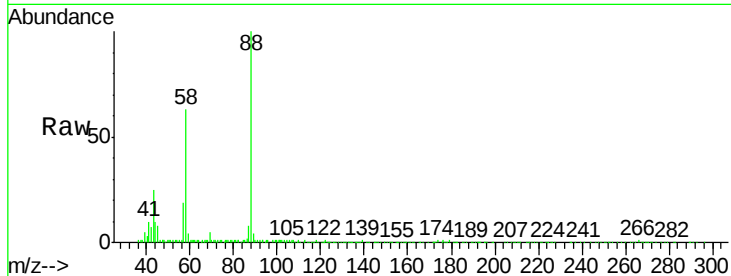
#49
1,4-Dioxane
Concen: 388.675 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX014246.D
Acq: 24 Dec 2019 15:38

Instrument :
MSVOA_X
ClientSampleId :
VX1224WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.7	26.5	39.7
58	69.5	56.8	85.2

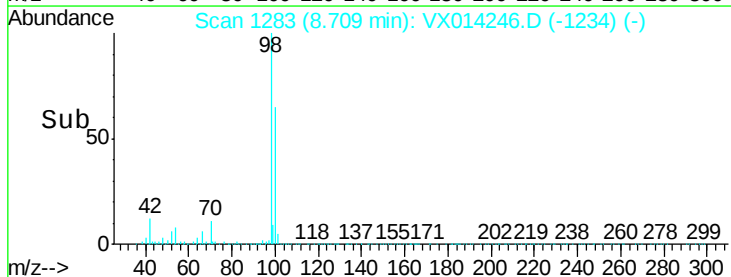
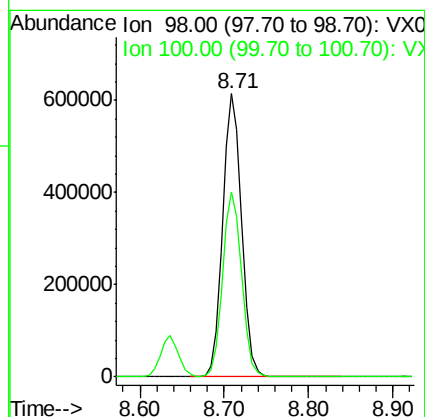
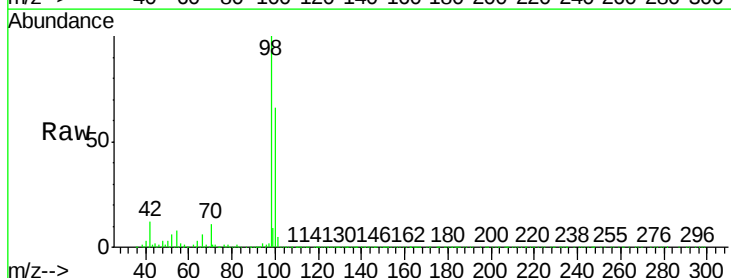
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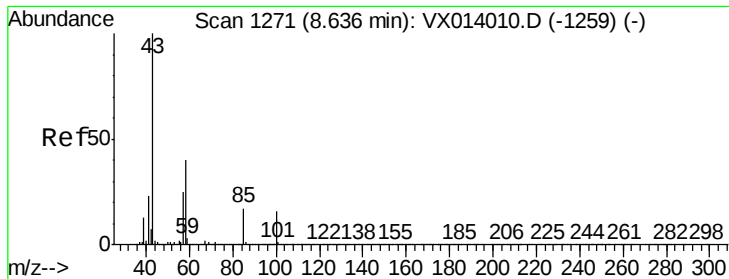
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#50
Toluene-d8
Concen: 50.258 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014246.D
Acq: 24 Dec 2019 15:38

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 100.310 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX014246.D

Acq: 24 Dec 2019 15:38

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBSD01

Tot Ion: 43 Resp: 847145

Ion Ratio Lower Upper

43 100

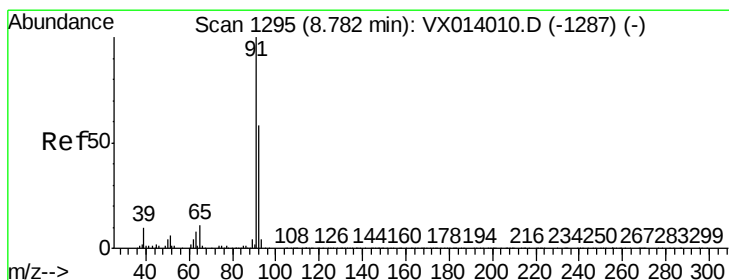
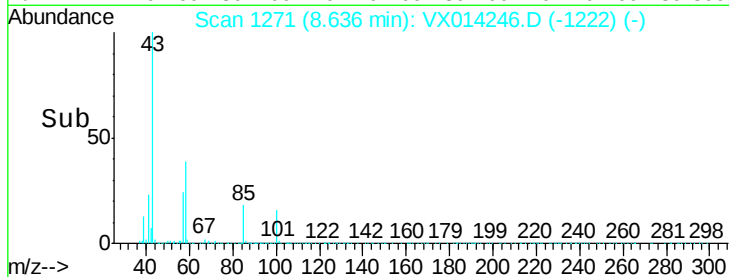
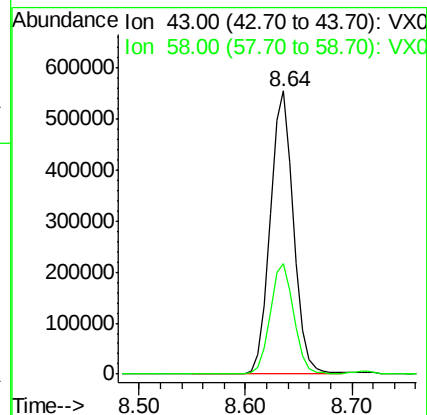
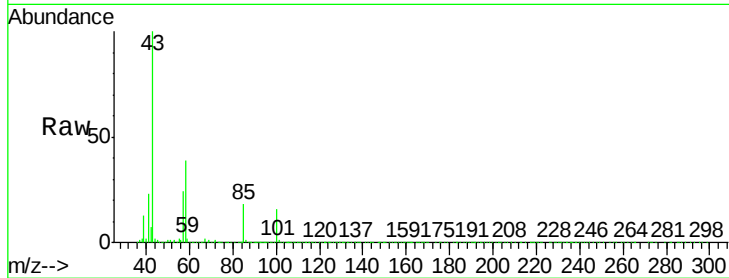
58 39.6 32.2 48.2

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#52

Toluene

Concen: 18.568 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014246.D

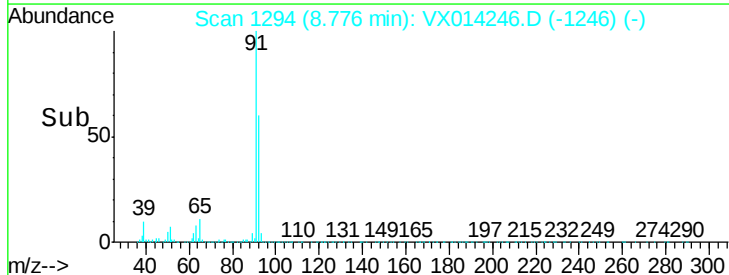
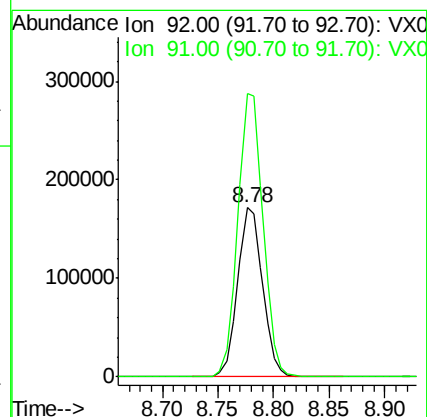
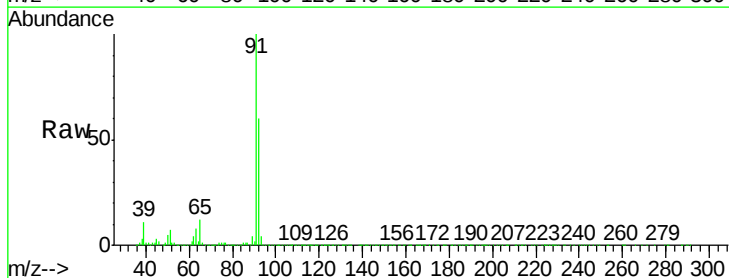
Acq: 24 Dec 2019 15:38

Tgt Ion: 92 Resp: 265723

Ion Ratio Lower Upper

92 100

91 169.9 136.2 204.4





#53

t-1,3-Dichloropropene

Concen: 18.331 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX014246.D

Acq: 24 Dec 2019 15:38

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBSD01

Tot Ion: 75 Resp: 145235

Ion Ratio Lower Upper

75 100

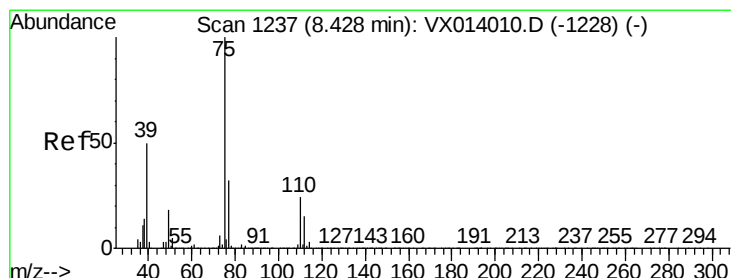
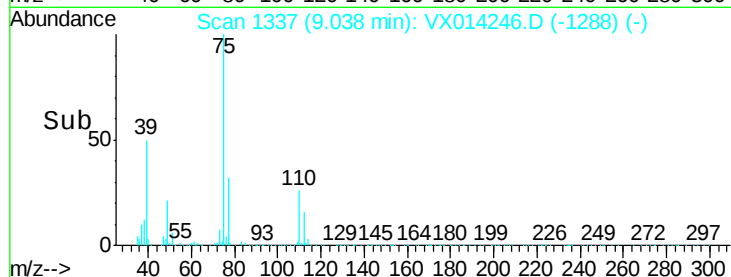
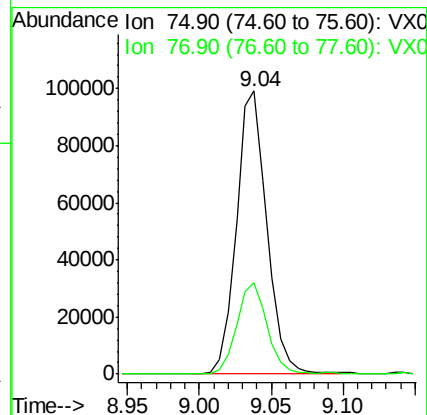
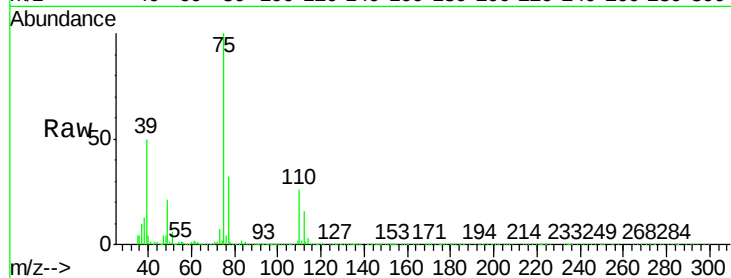
77 31.9 25.1 37.7

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#54

cis-1,3-Dichloropropene

Concen: 18.878 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014246.D

Acq: 24 Dec 2019 15:38

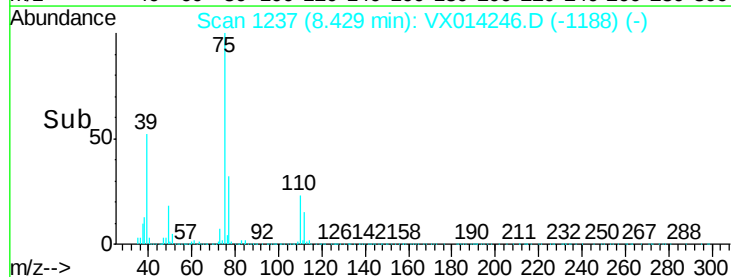
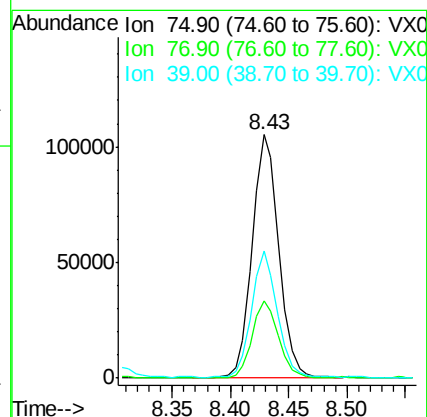
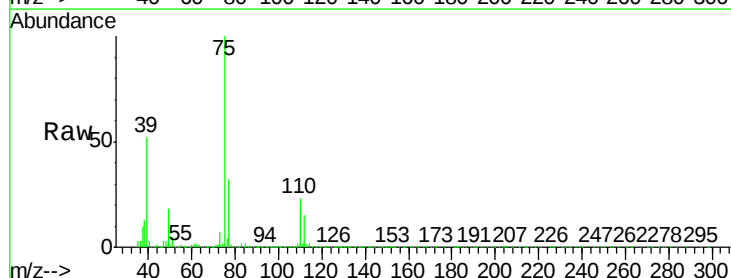
Tgt Ion: 75 Resp: 166632

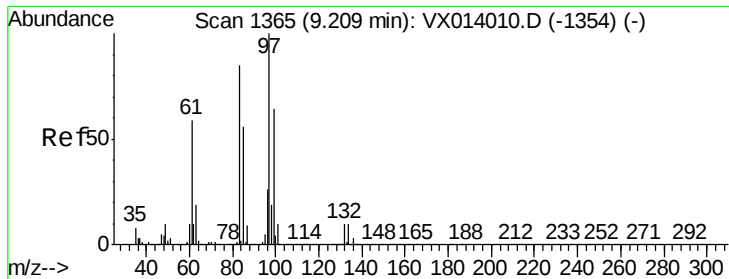
Ion Ratio Lower Upper

75 100

77 31.5 25.3 37.9

39 51.7 39.9 59.9





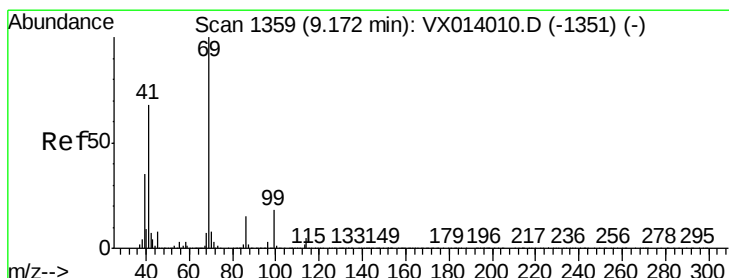
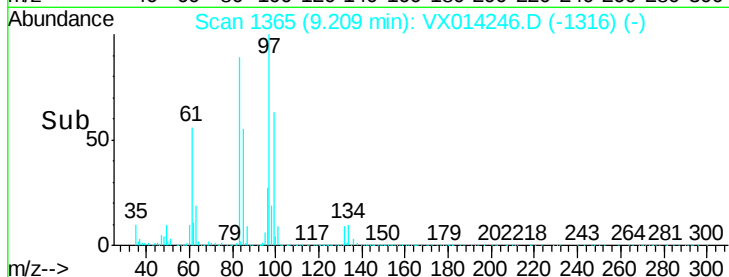
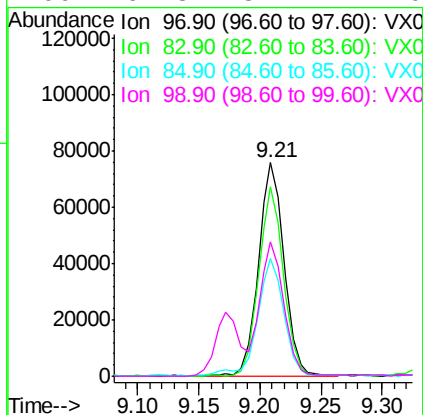
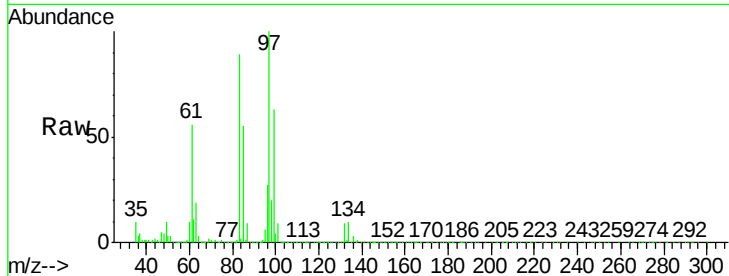
#55
 1,1,2-Trichloroethane
 Concen: 19.253 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014246.D
 Acq: 24 Dec 2019 15:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1224WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		110426		
83	88.5	68.2	102.4		
85	55.0	44.6	66.8		
99	62.8	51.4	77.0		

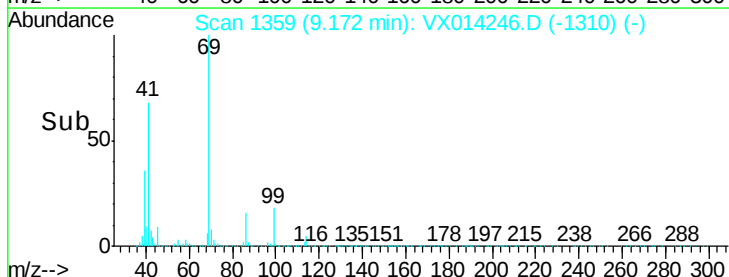
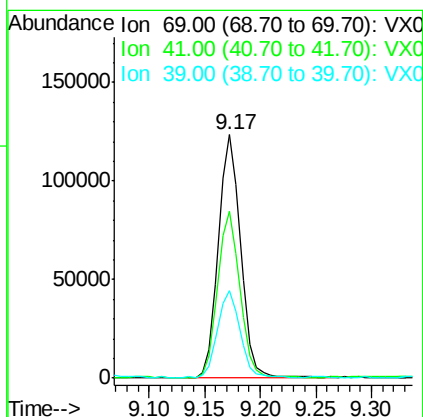
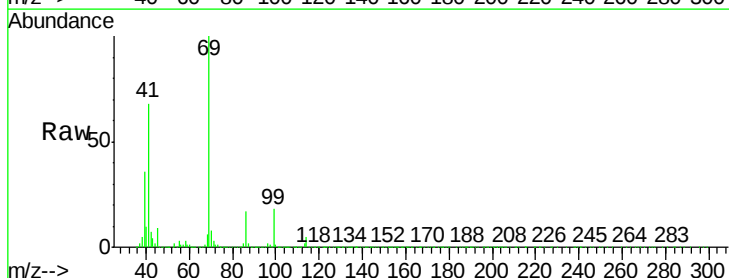
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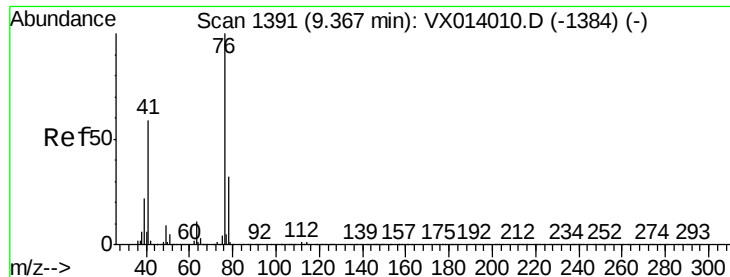
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#56
 Ethyl methacrylate
 Concen: 18.996 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014246.D
 Acq: 24 Dec 2019 15:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		171147		
41	67.8	54.8	82.2		
39	35.7	28.3	42.5		





#57

1,3-Dichloropropane

Concen: 19.290 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014246.D

Acq: 24 Dec 2019 15:38

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBSD01

Tot Ion: 76 Resp: 186143

Ion Ratio Lower Upper

76 100

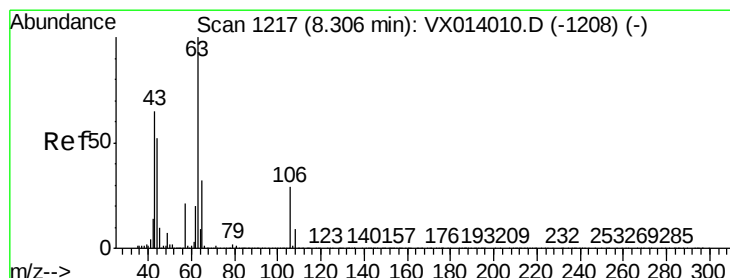
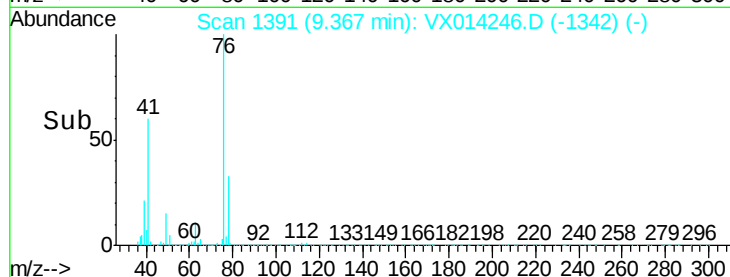
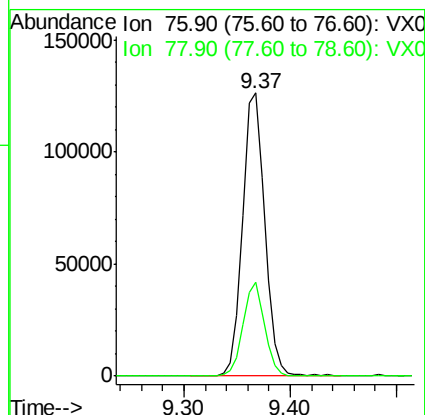
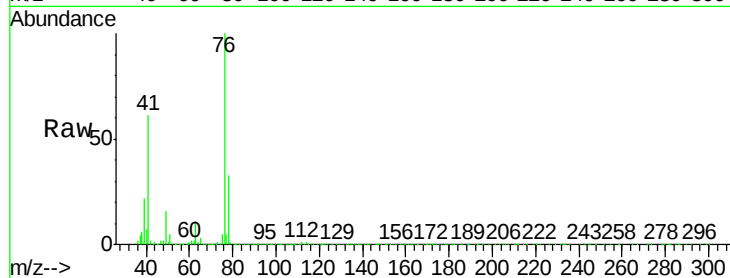
78 31.7 25.8 38.6

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#58

2-Chloroethyl Vinyl ether

Concen: 100.179 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX014246.D

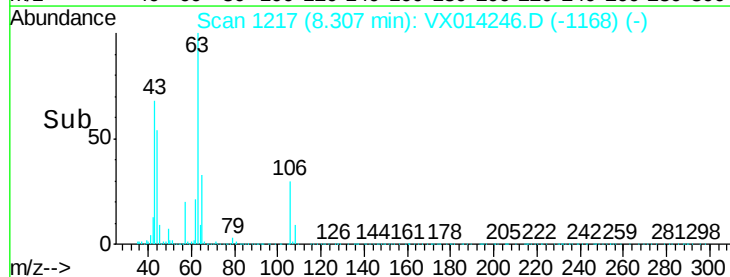
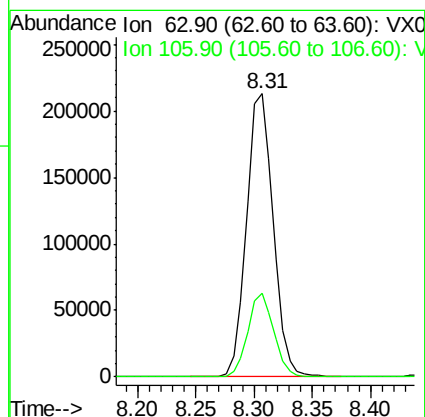
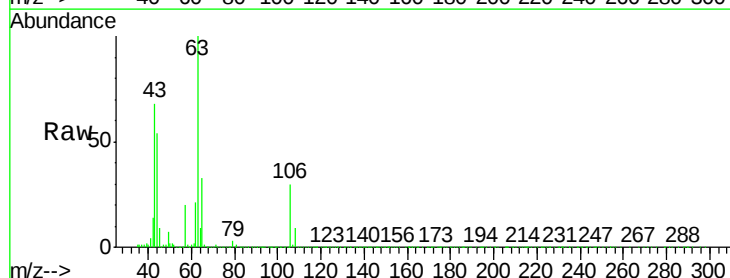
Acq: 24 Dec 2019 15:38

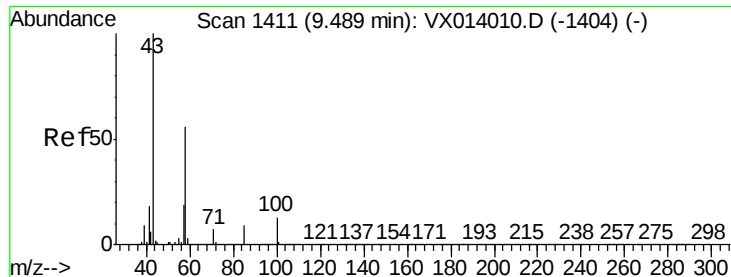
Tgt Ion: 63 Resp: 341560

Ion Ratio Lower Upper

63 100

106 29.0 23.0 34.6





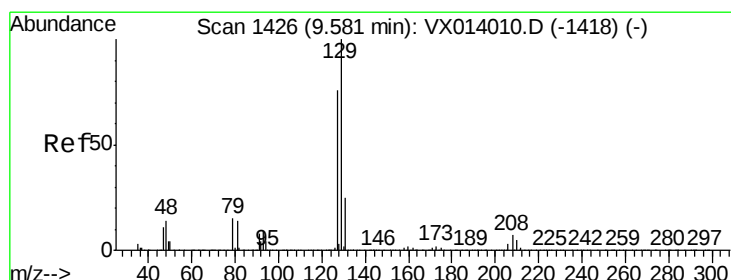
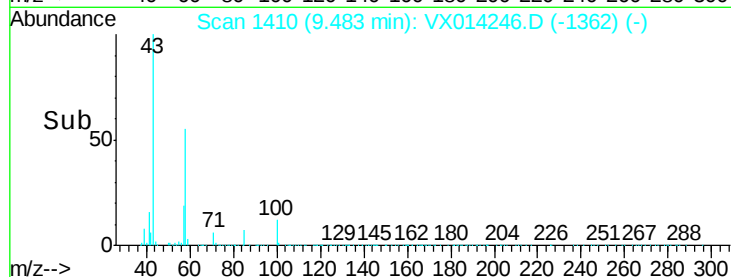
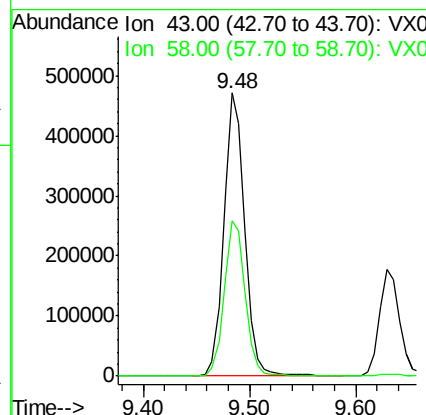
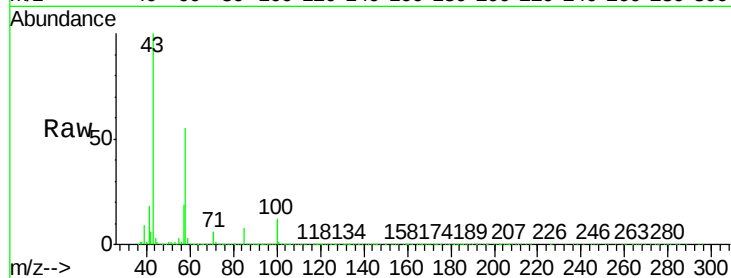
#59
2-Hexanone
Concen: 93.657 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014246.D
Acq: 24 Dec 2019 15:38

Instrument :
MSVOA_X
ClientSampleId :
VX1224WBSD01

Tot Ion: 43 Resp: 636722
Ion Ratio Lower Upper
43 100
58 55.3 28.0 84.0

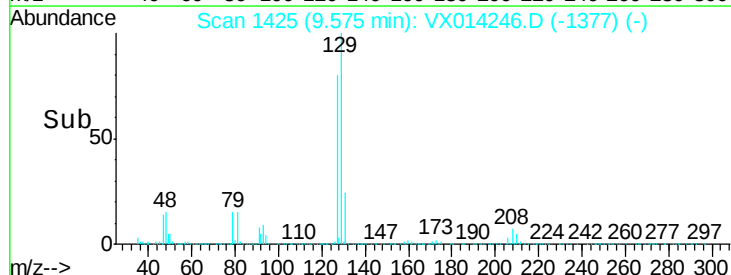
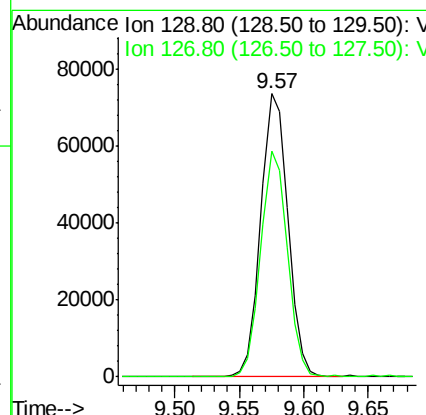
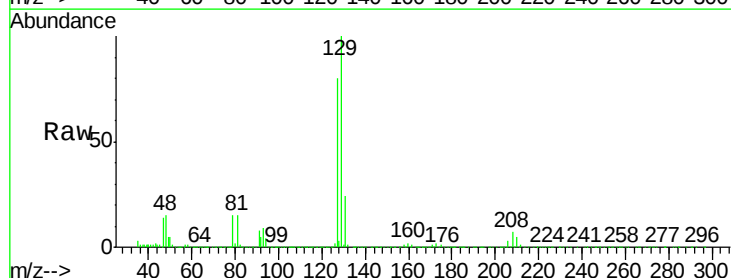
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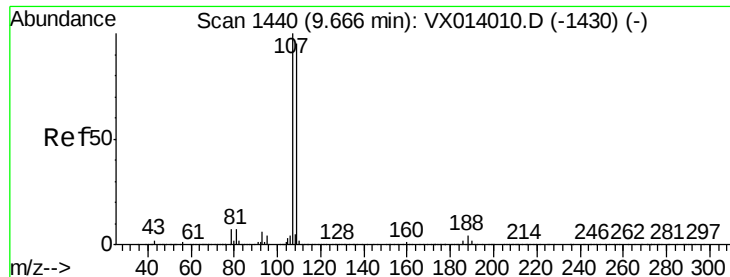
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#60
Dibromochloromethane
Concen: 18.837 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014246.D
Acq: 24 Dec 2019 15:38

Tgt Ion: 129 Resp: 107394
Ion Ratio Lower Upper
129 100
127 78.8 38.4 115.2





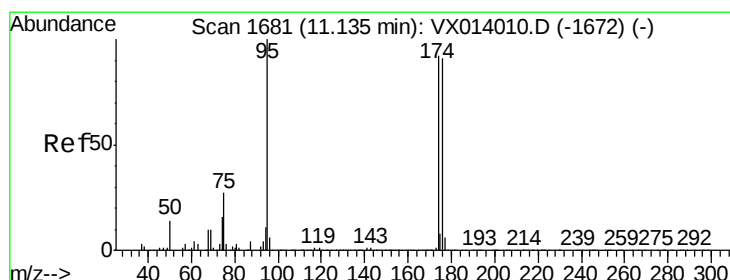
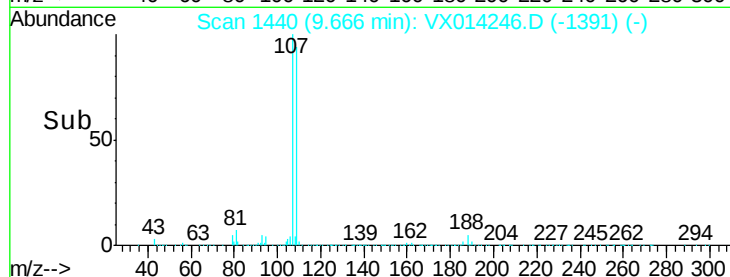
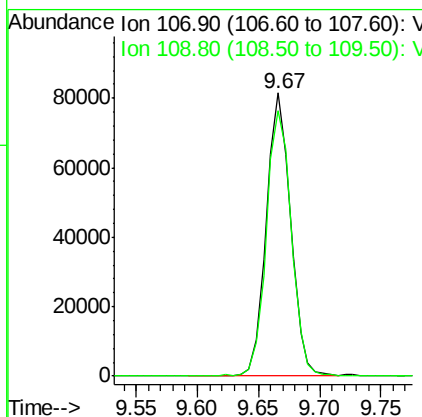
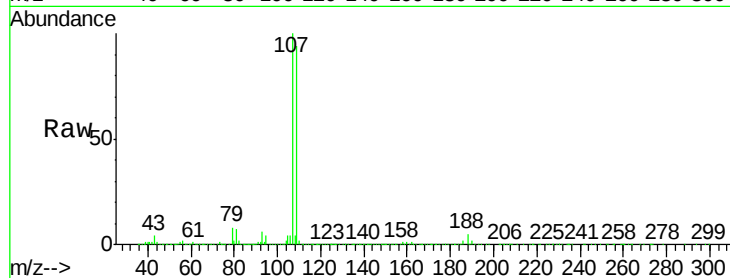
#61
 1,2-Dibromoethane
 Concen: 19.361 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX014246.D
 Acq: 24 Dec 2019 15:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1224WBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	96.3	75.7	113.5

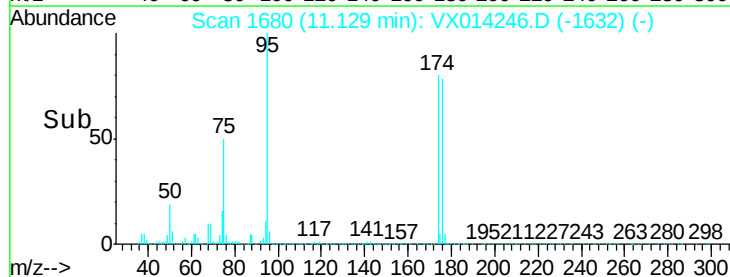
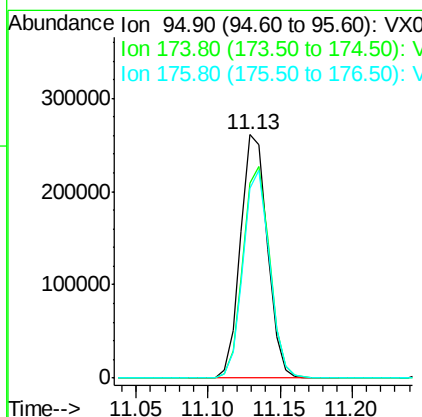
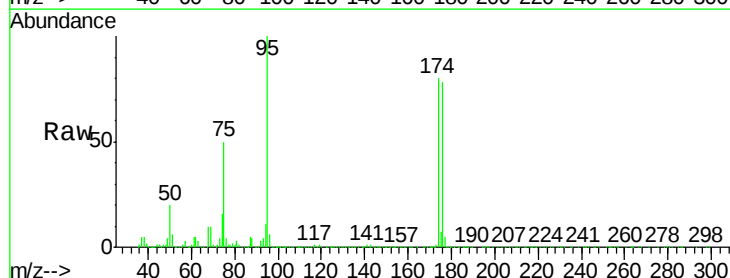
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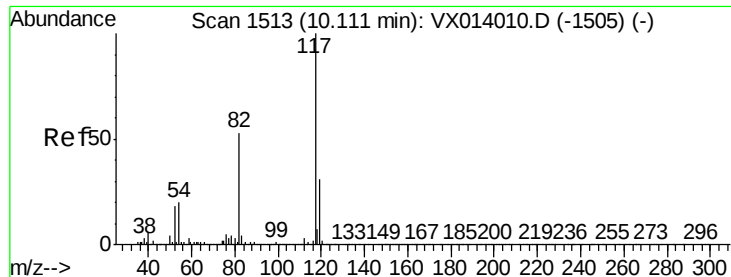
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#62
 4-Bromofluorobenzene
 Concen: 48.660 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: VX014246.D
 Acq: 24 Dec 2019 15:38

Tgt Ion	Ratio	Lower	Upper
95	100		
174	86.6	0.0	175.8
176	84.3	0.0	173.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX014246.D

Acq: 24 Dec 2019 15:38

Instrument :

MSVOA_X

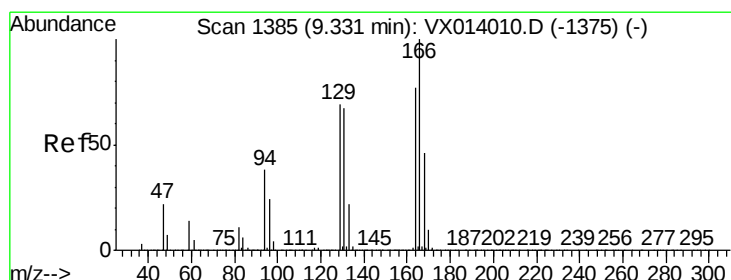
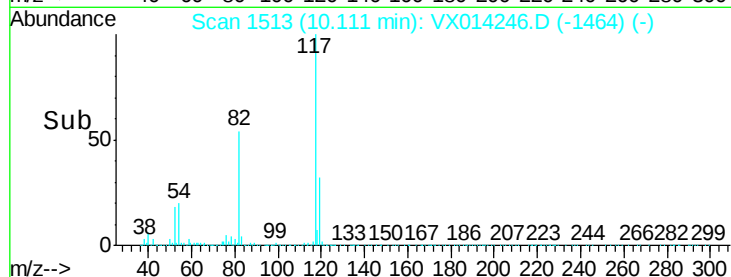
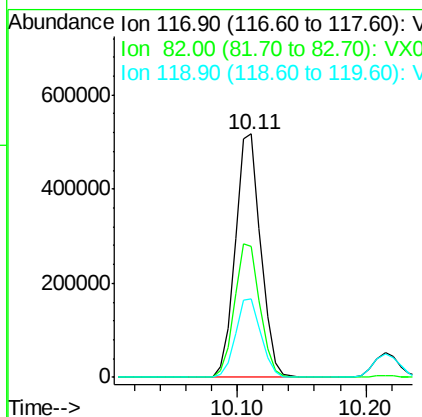
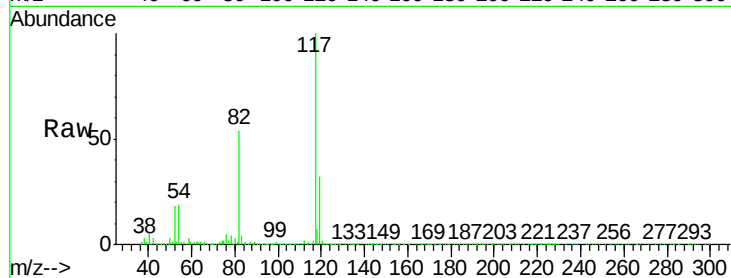
ClientSampleId :

VX1224WBSD01

Tot Ion:	117	Resp:	709709
Ion Ratio	Lower	Upper	
117	100		
82	54.0	42.2	63.4
119	32.0	25.1	37.7

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#64

Tetrachloroethene

Concen: 24.374 ug/l

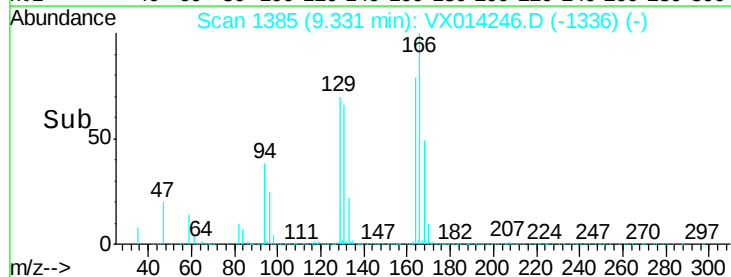
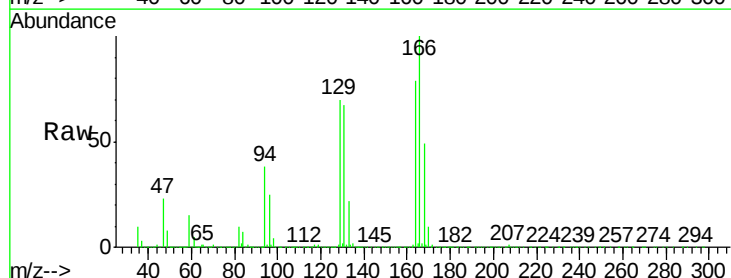
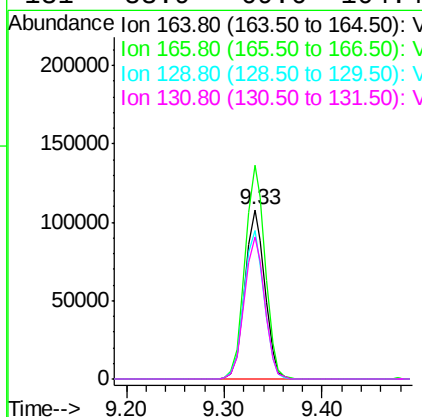
RT: 9.33 min Scan# 1385

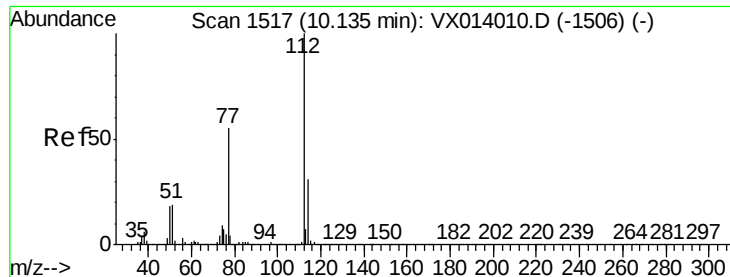
Delta R.T. 0.00 min

Lab File: VX014246.D

Acq: 24 Dec 2019 15:38

Tgt Ion:	164	Resp:	153067
Ion Ratio	Lower	Upper	
164	100		
166	126.0	104.0	156.0
129	87.5	72.2	108.4
131	83.9	69.6	104.4





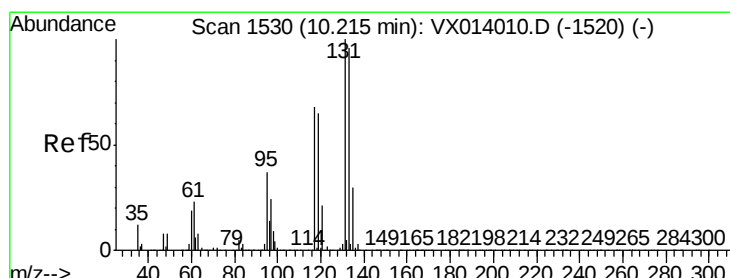
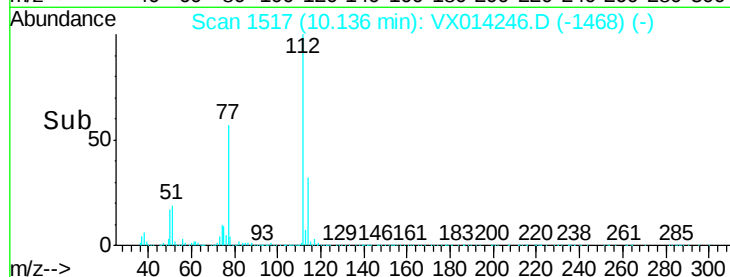
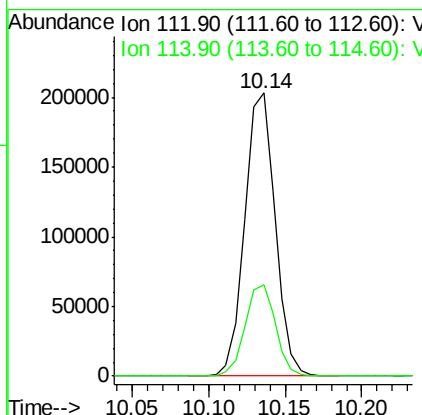
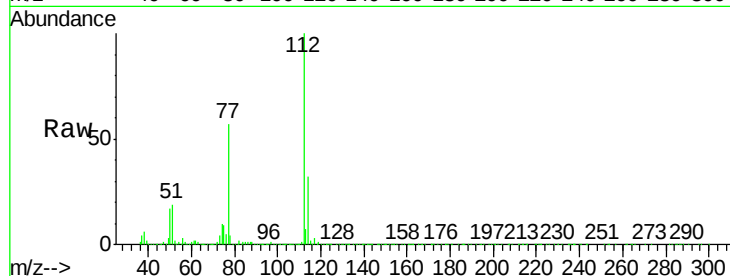
#65
Chlorobenzene
Concen: 18.555 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX014246.D
Acq: 24 Dec 2019 15:38

Instrument :
MSVOA_X
ClientSampleId :
VX1224WBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.4	24.9	37.3

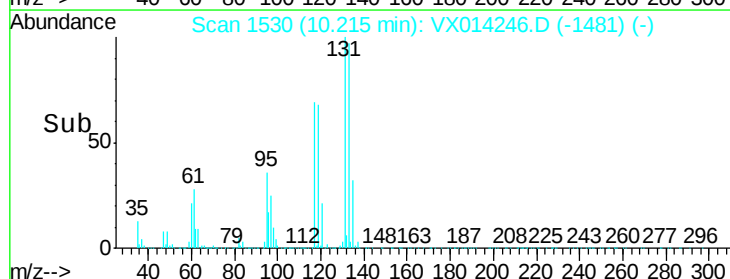
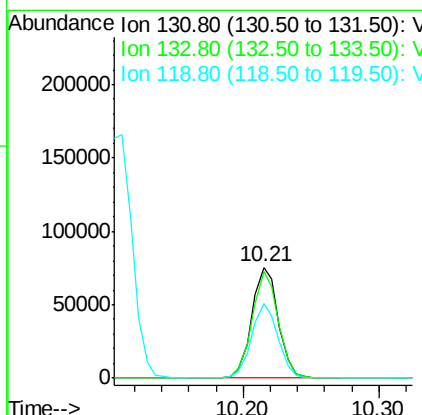
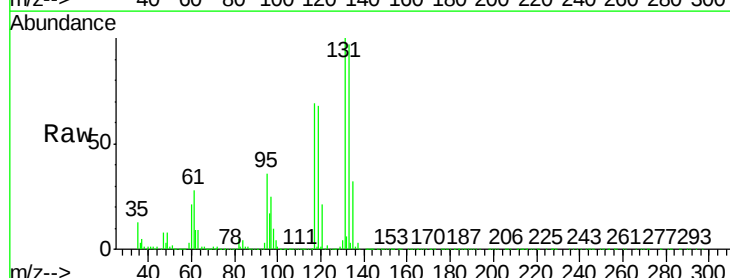
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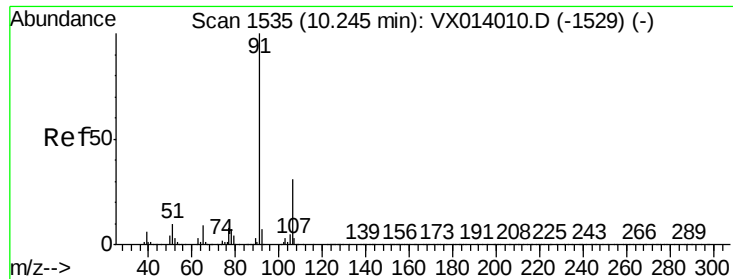
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.117 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014246.D
Acq: 24 Dec 2019 15:38

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.3	48.0	144.0
119	67.6	33.4	100.2





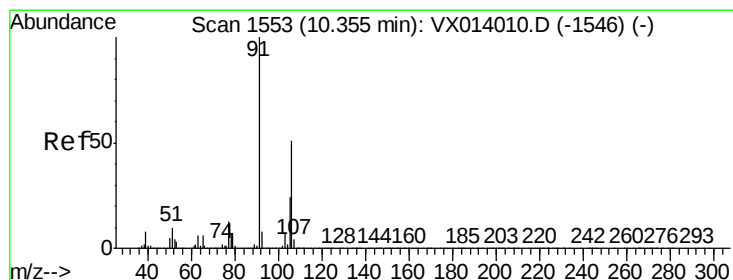
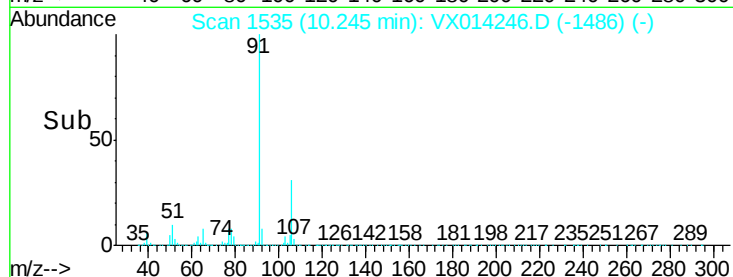
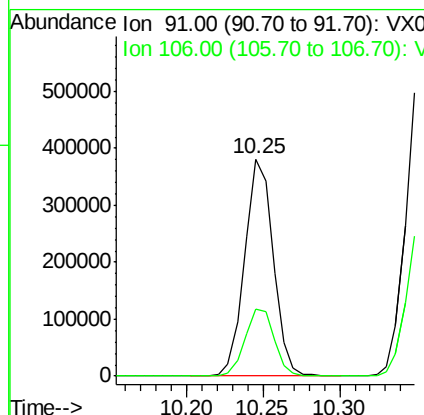
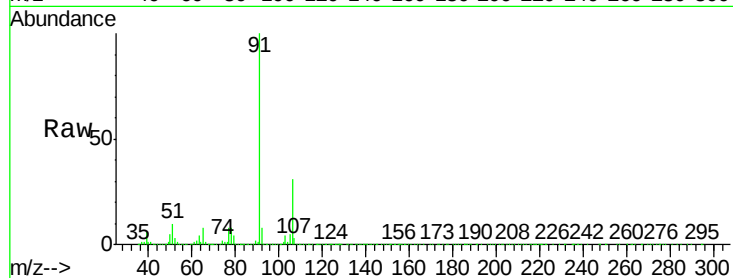
#67
Ethyl Benzene
Concen: 19.055 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014246.D
Acq: 24 Dec 2019 15:38

Instrument :
MSVOA_X
ClientSampleId :
VX1224WBSD01

Tot Ion	91	Resp	494360
Ion Ratio	100	Lower	Upper
106	31.1	25.0	37.6

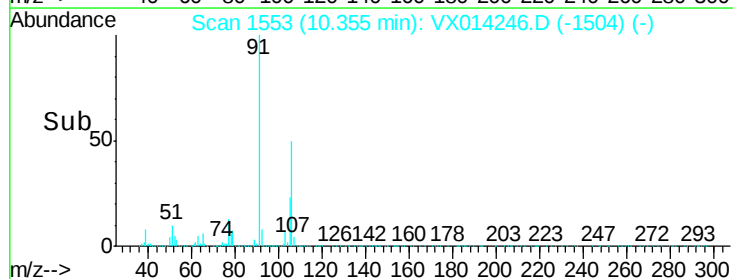
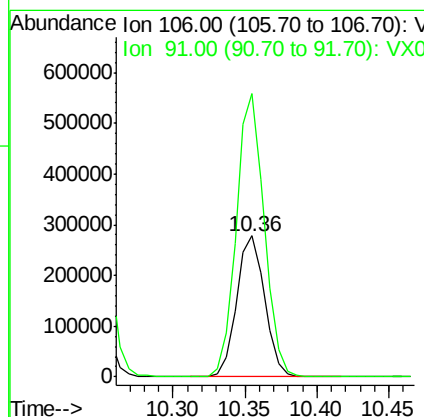
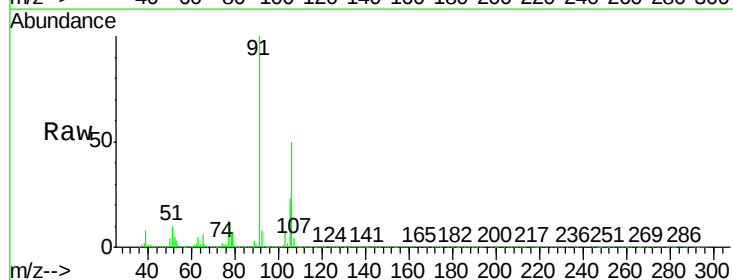
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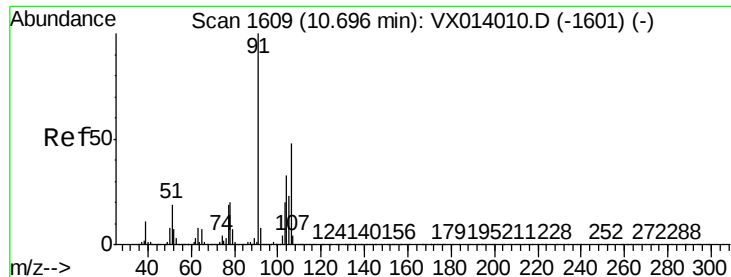
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#68
m/p-Xylenes
Concen: 37.844 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014246.D
Acq: 24 Dec 2019 15:38

Tgt Ion	106	Resp	377620
Ion Ratio	100	Lower	Upper
91	199.8	158.6	238.0





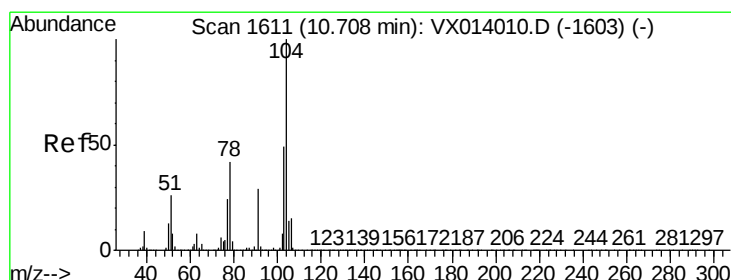
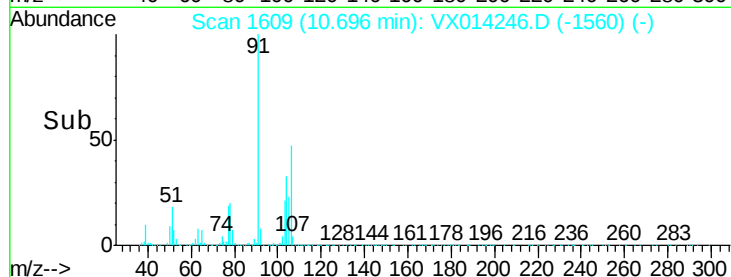
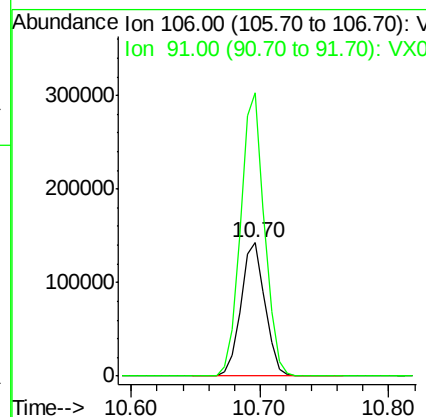
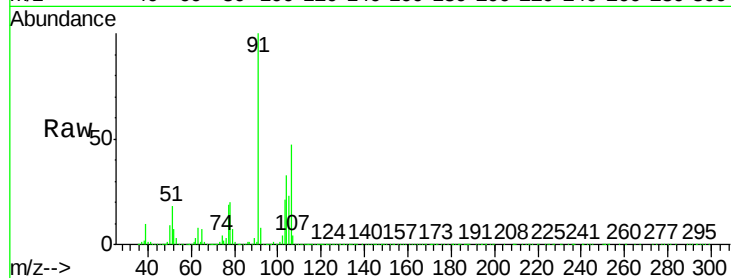
#69
o-Xylene
Concen: 18.794 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014246.D
Acq: 24 Dec 2019 15:38

Instrument :
MSVOA_X
ClientSampleId :
VX1224WBSD01

Tot Ion	Ratio	Lower	Upper
106	100		
91	211.1	104.2	312.6

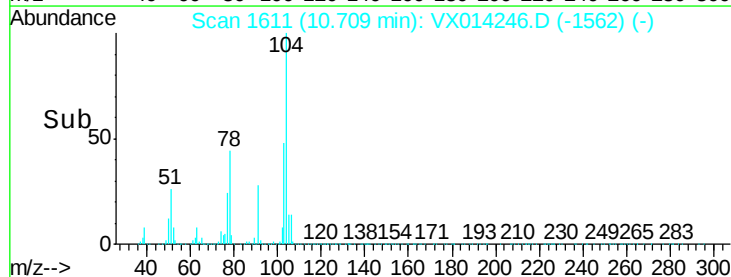
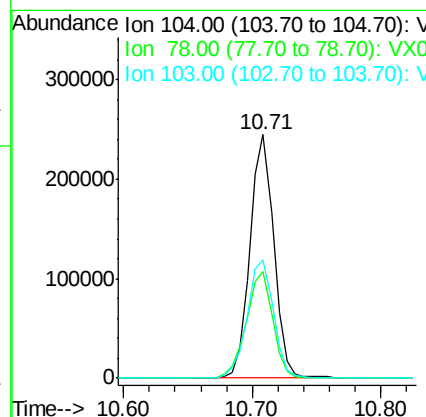
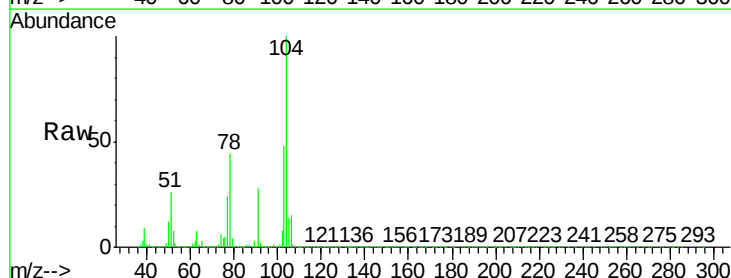
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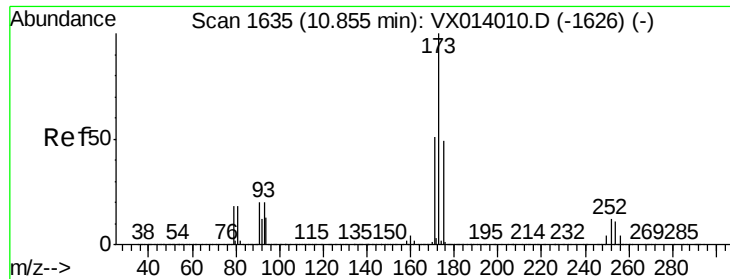
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#70
Styrene
Concen: 18.774 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014246.D
Acq: 24 Dec 2019 15:38

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.5	38.5	57.7
103	53.8	42.9	64.3





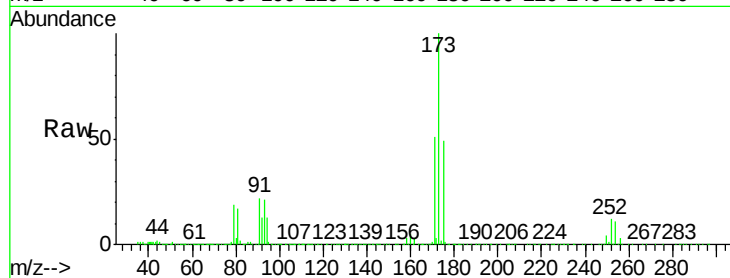
#71
Bromoform
Concen: 18.204 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX014246.D
Acq: 24 Dec 2019 15:38

Instrument :
MSVOA_X
ClientSampleId :
VX1224WBSD01

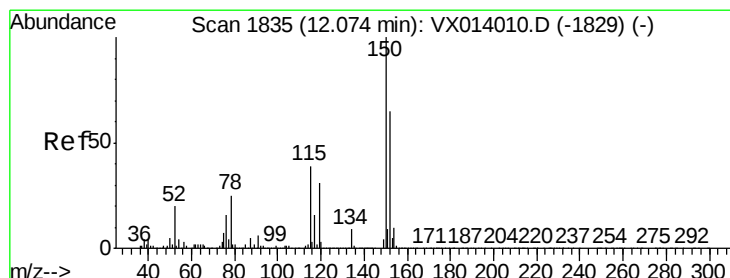
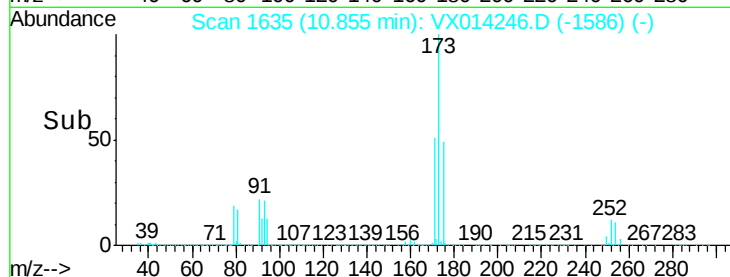
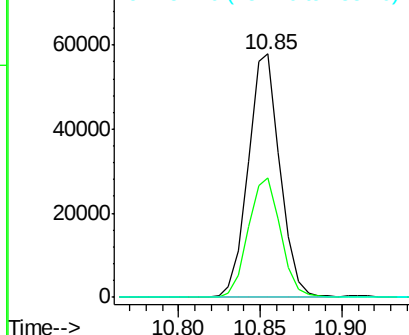
Tot Ion	Ratio	Lower	Upper
173	100		
175	50.0	24.4	73.4
254	0.3	0.2	0.2#

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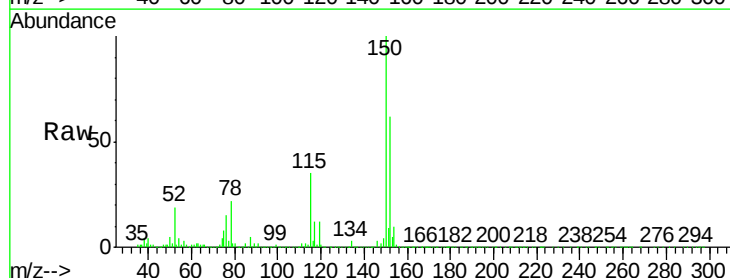


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

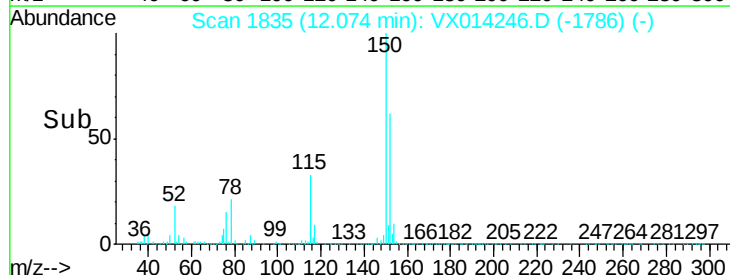
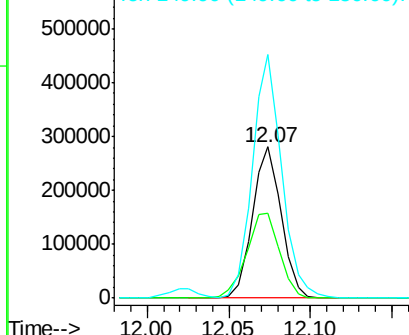


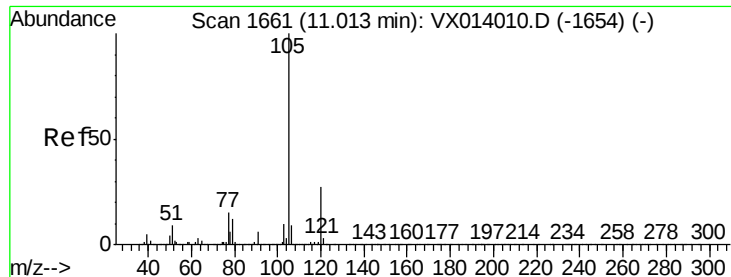
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014246.D
Acq: 24 Dec 2019 15:38

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.3	38.3	114.9
150	163.7	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: 20.123 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014246.D

Acq: 24 Dec 2019 15:38

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBSD01

Tot Ion: 105 Resp: 488203

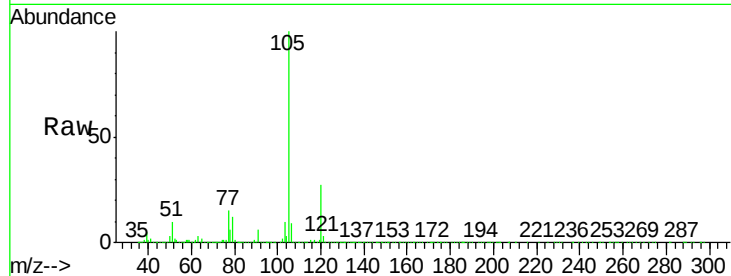
Ion Ratio Lower Upper

105 100

120 27.3 13.5 40.4

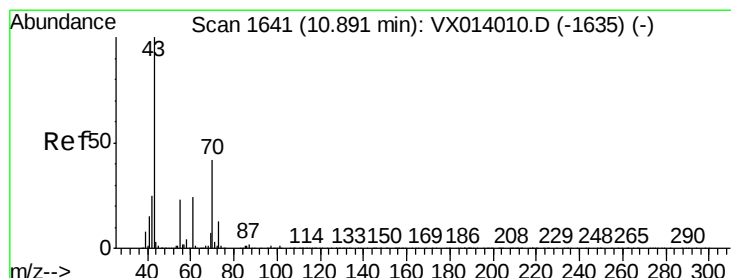
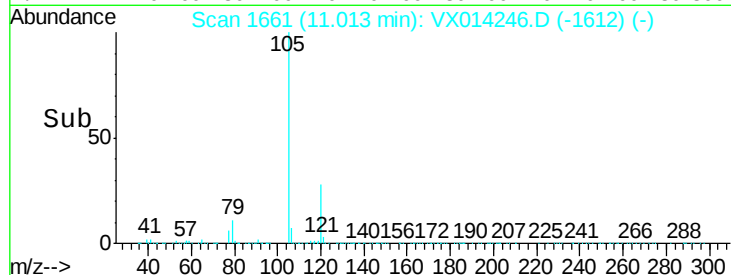
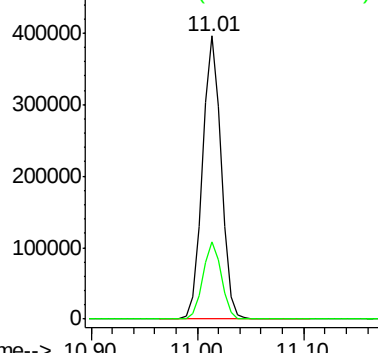
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.732 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014246.D

Acq: 24 Dec 2019 15:38

Tgt Ion: 43 Resp: 224392

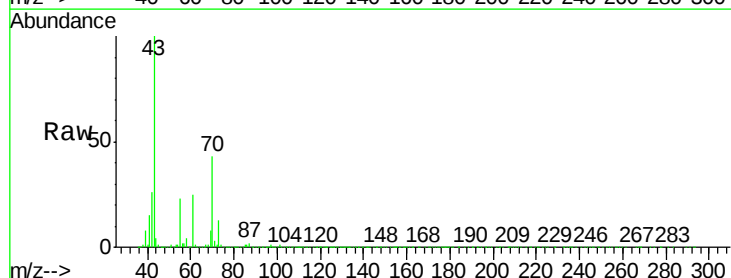
Ion Ratio Lower Upper

43 100

70 42.9 34.4 51.6

55 23.9 19.1 28.7

61 25.0 19.7 29.5

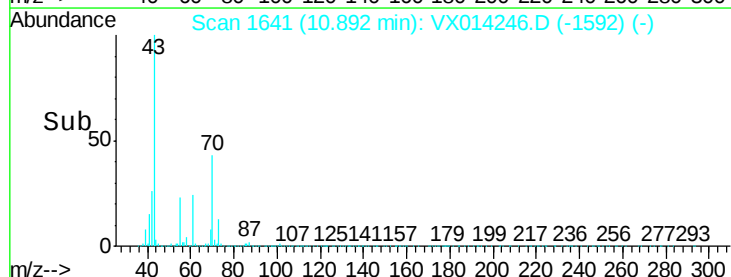
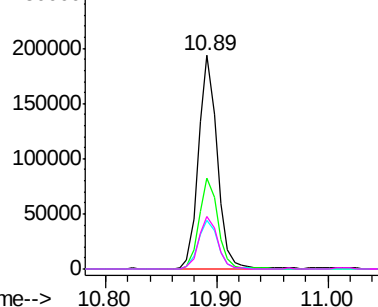


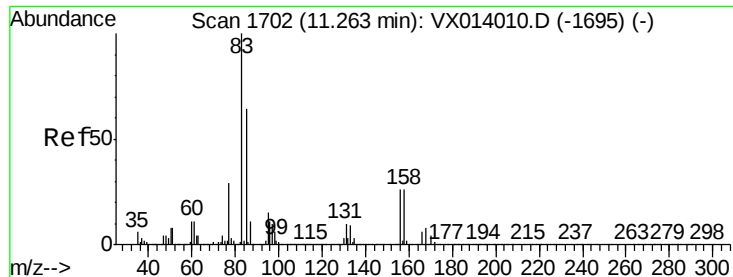
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.276 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014246.D

Acq: 24 Dec 2019 15:38

Instrument :

MSVOA_X

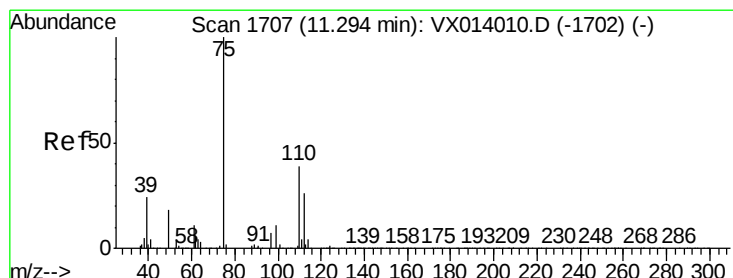
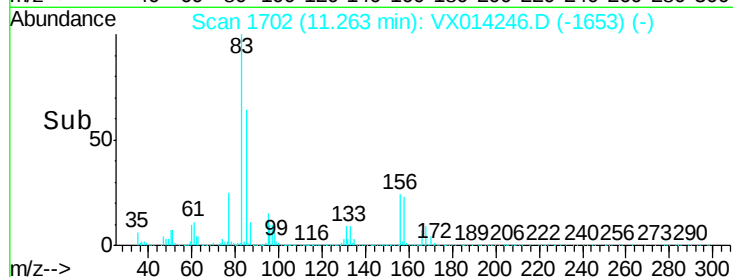
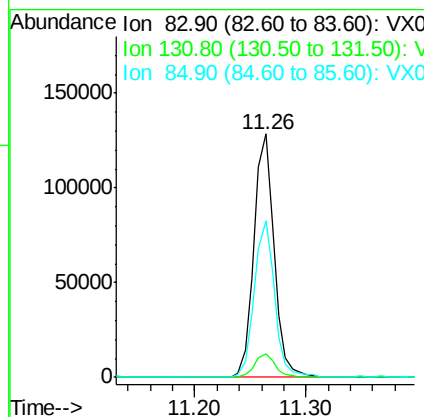
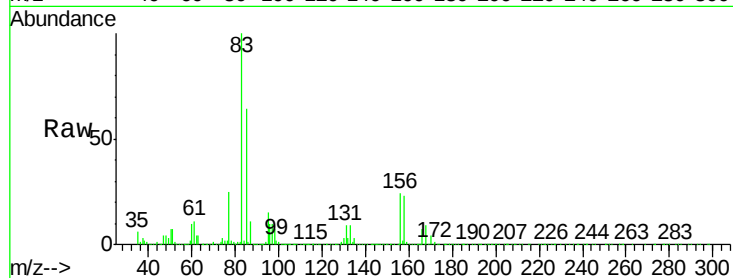
ClientSampleId :

VX1224WBSD01

Tot Ion:	83	Resp:	162135
Ion Ratio		Lower	Upper
83	100		
131	10.1	5.1	15.2
85	65.3	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 18.524 ug/l m

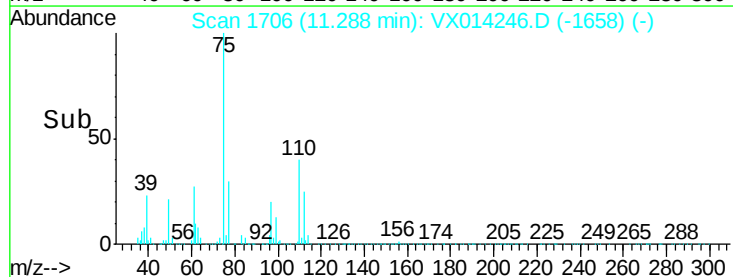
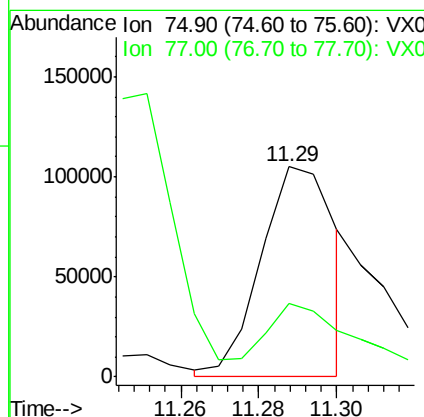
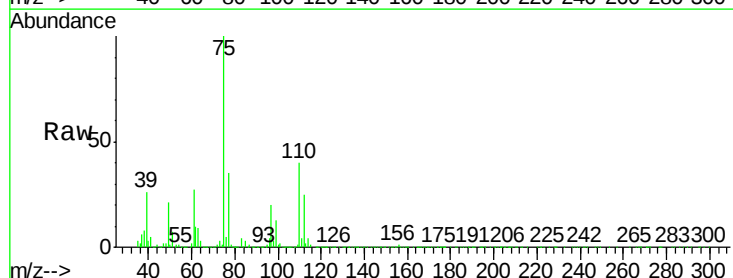
RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014246.D

Acq: 24 Dec 2019 15:38

Tgt Ion:	75	Resp:	138571
Ion Ratio		Lower	Upper
75	100		
77	44.6	19.3	57.8





#77

Bromobenzene

Concen: 19.116 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014246.D

Acq: 24 Dec 2019 15:38

Instrument :

MSVOA_X

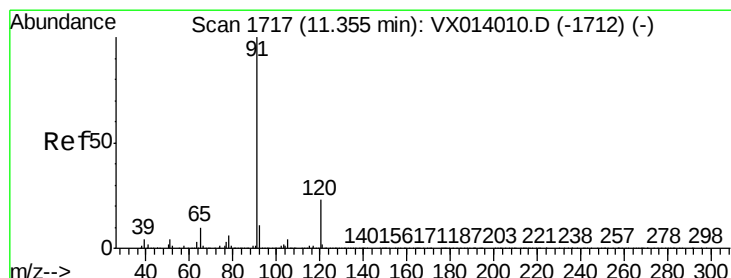
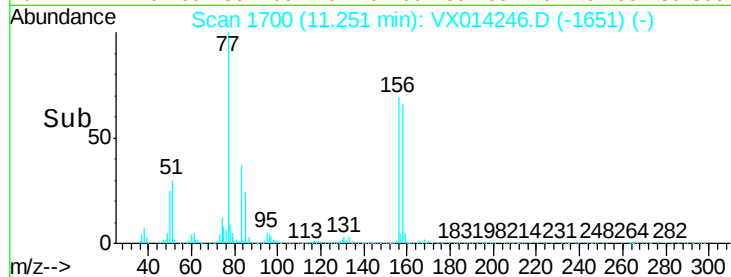
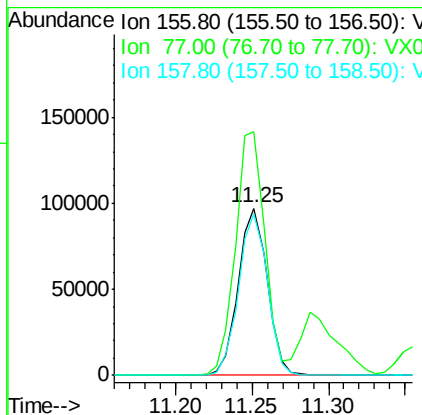
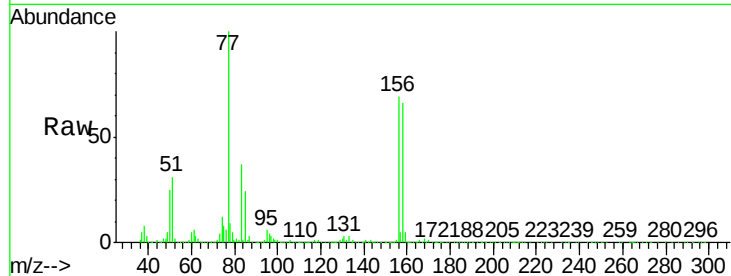
ClientSampleId :

VX1224WBSD01

Tot Ion:	156	Resp:	127601
Ion Ratio	Lower	Upper	
156	100		
77	147.7	76.5	229.5
158	96.5	49.3	147.9

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#78

n-propylbenzene

Concen: 19.763 ug/l

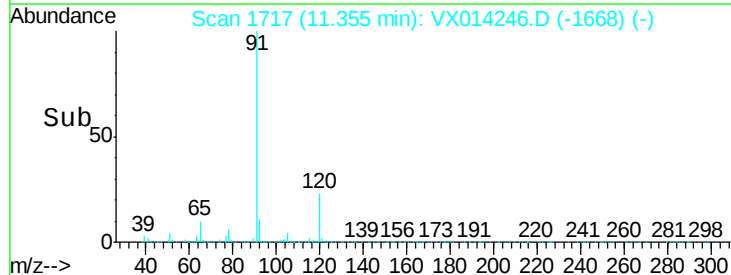
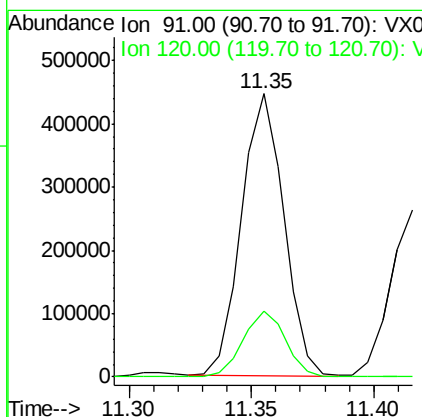
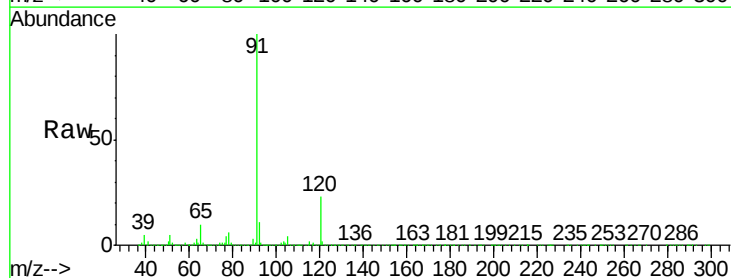
RT: 11.35 min Scan# 1717

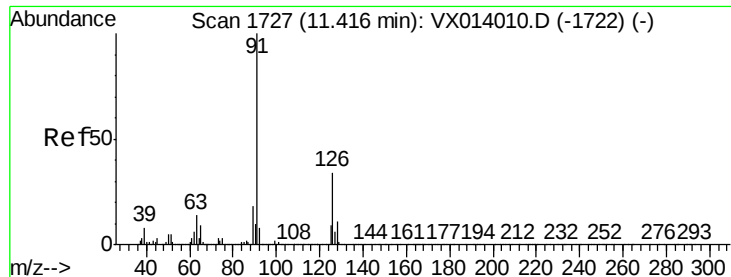
Delta R.T. 0.00 min

Lab File: VX014246.D

Acq: 24 Dec 2019 15:38

Tgt Ion:	91	Resp:	537817
Ion Ratio	Lower	Upper	
91	100		
120	23.5	11.7	35.0





#79

2-Chlorotoluene

Concen: 19.386 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014246.D

Acq: 24 Dec 2019 15:38

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBSD01

Tot Ion: 91 Resp: 320695

Ion Ratio Lower Upper

91 100

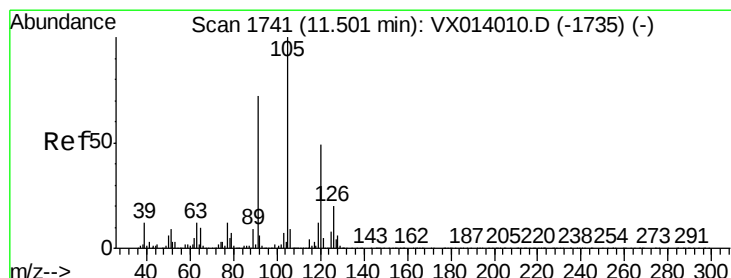
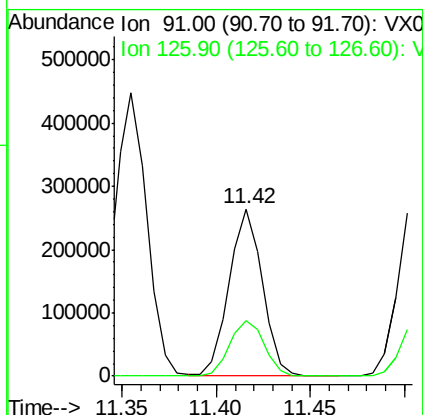
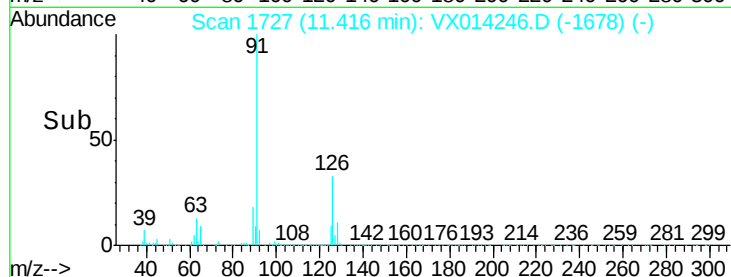
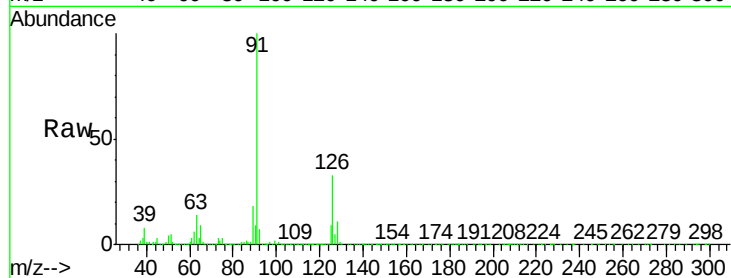
126 35.0 17.2 51.6

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 19.644 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014246.D

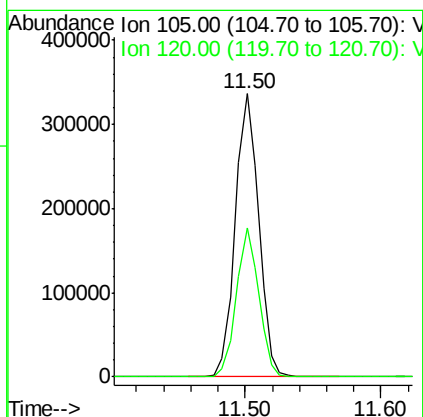
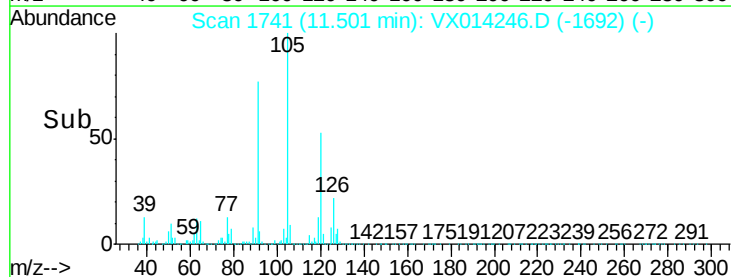
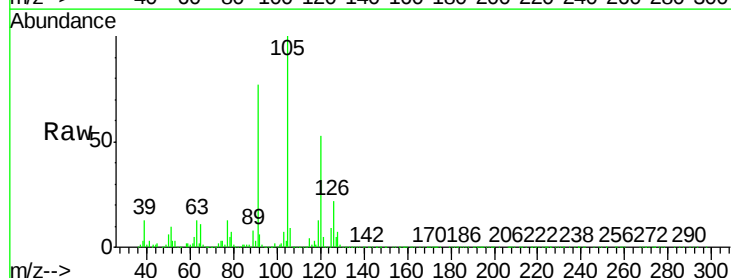
Acq: 24 Dec 2019 15:38

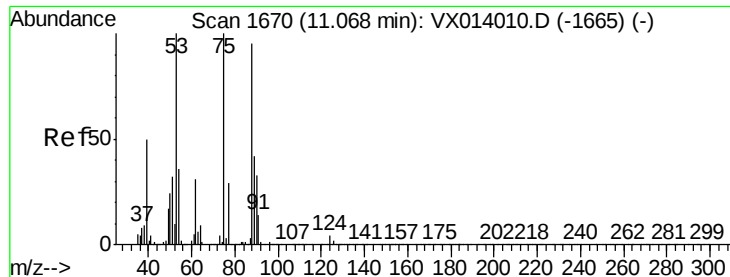
Tgt Ion: 105 Resp: 401097

Ion Ratio Lower Upper

105 100

120 50.5 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 18.521 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014246.D

Acq: 24 Dec 2019 15:38

Instrument :

MSVOA_X

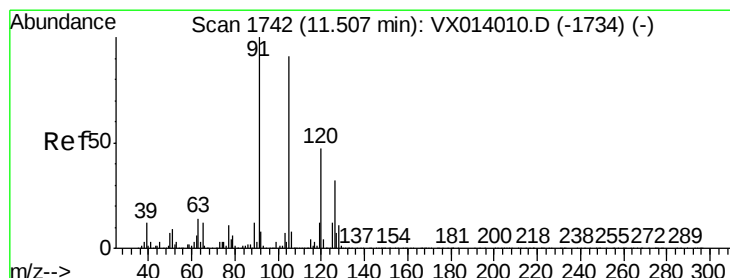
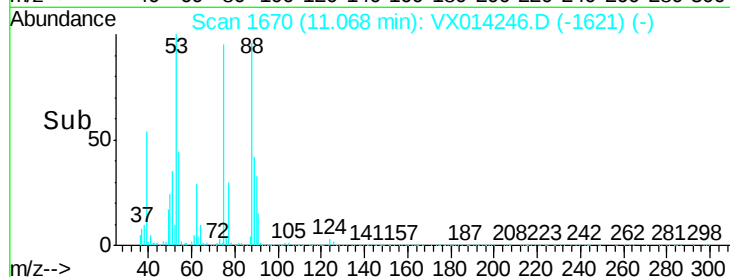
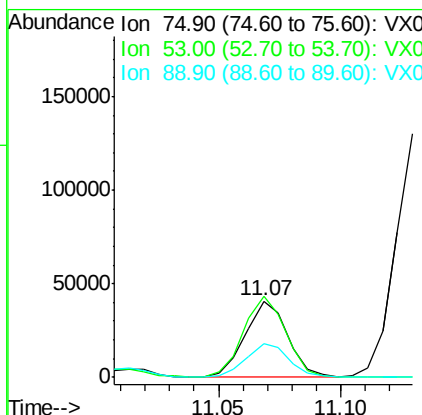
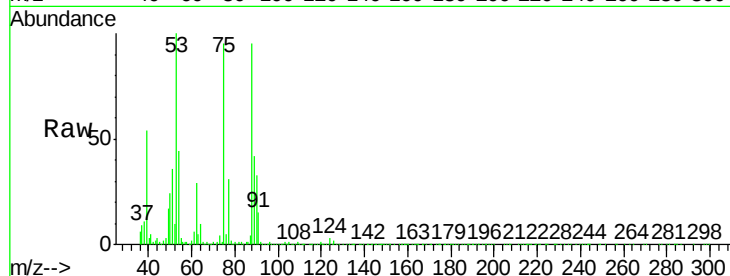
ClientSampleId :

VX1224WBSD01

Tot Ion:	75	Resp:	49088
Ion Ratio	Lower	Upper	
75	100		
53	106.6	76.7	115.1
89	46.0	34.6	51.8

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#82

4-Chlorotoluene

Concen: 18.965 ug/l

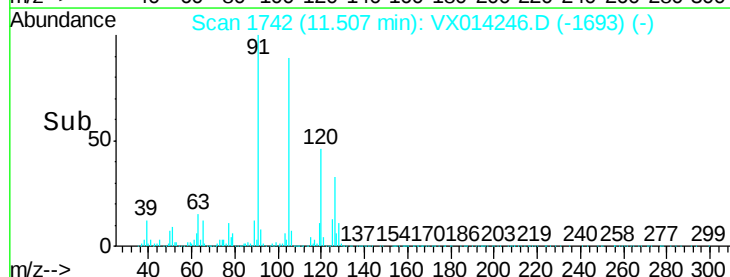
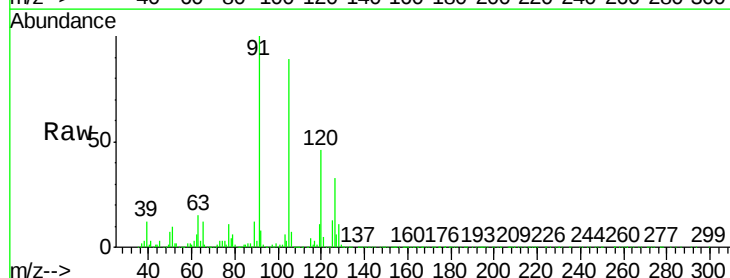
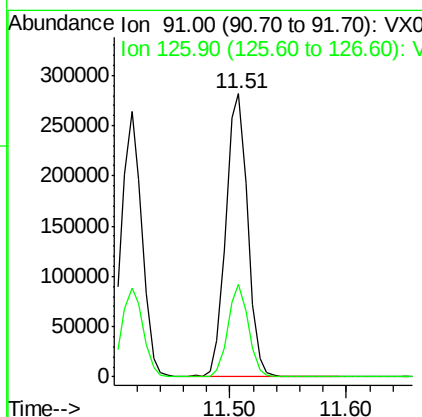
RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014246.D

Acq: 24 Dec 2019 15:38

Tgt Ion:	91	Resp:	363914
Ion Ratio	Lower	Upper	
91	100		
126	30.6	15.6	46.8





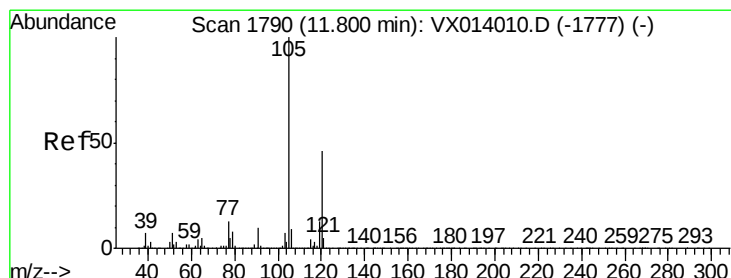
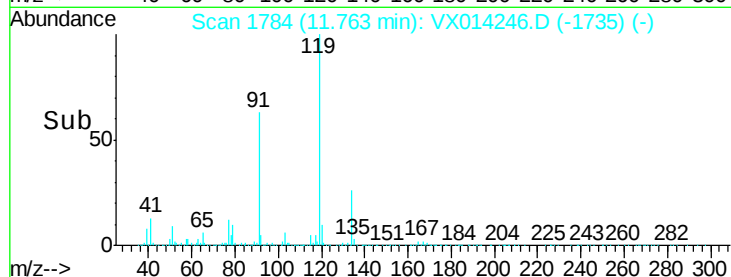
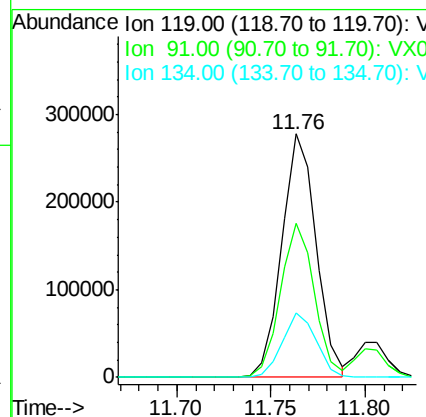
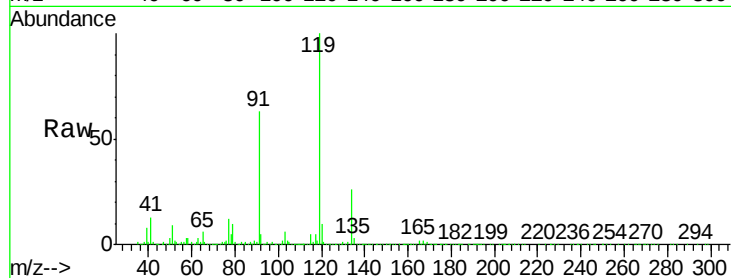
#83
tert-Butylbenzene
Concen: 17.639 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014246.D
Acq: 24 Dec 2019 15:38

Instrument :
MSVOA_X
ClientSampleId :
VX1224WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	350491		
91	62.5	28.5	85.6	
134	26.1	12.2	36.6	

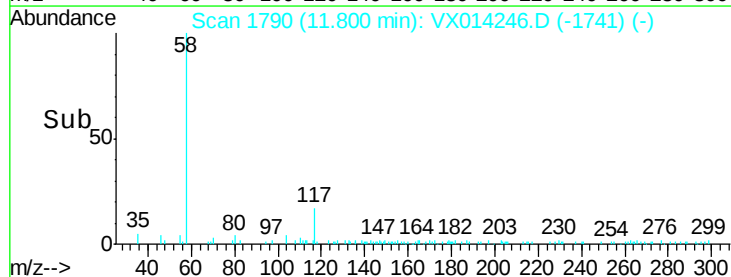
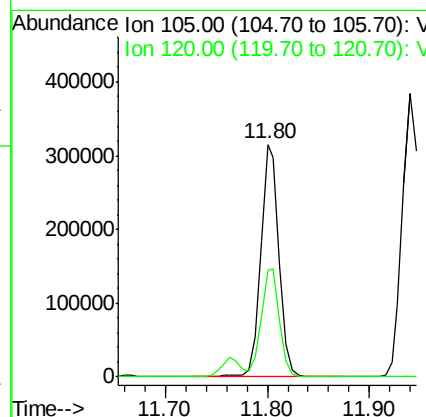
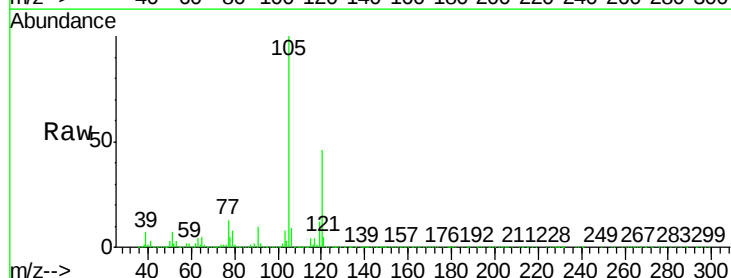
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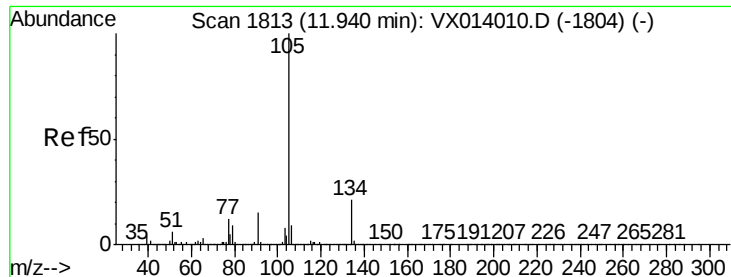
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#84
1,2,4-Trimethylbenzene
Concen: 19.323 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX014246.D
Acq: 24 Dec 2019 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	395118		
120	46.3	23.1	69.2	





#85

sec-Butylbenzene

Concen: 19.563 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014246.D

Acq: 24 Dec 2019 15:38

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBSD01

Tot Ion:105 Resp: 458895

Ion Ratio Lower Upper

105 100

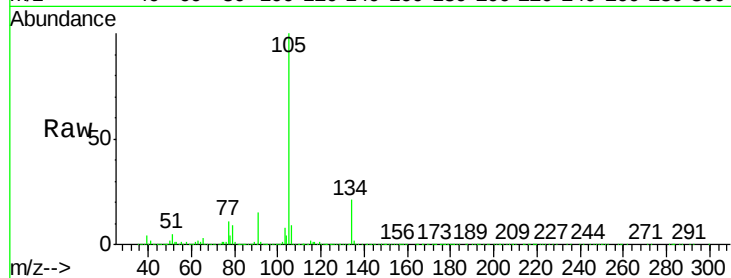
134 20.8 10.4 31.1

Manual Integrations

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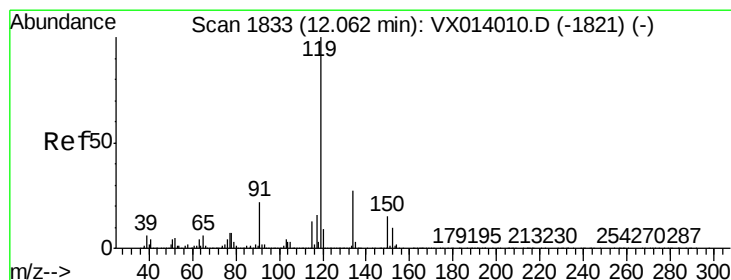
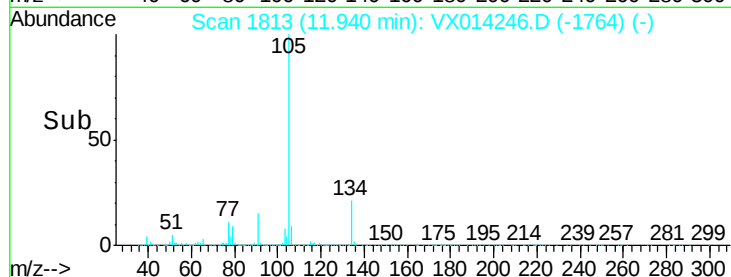
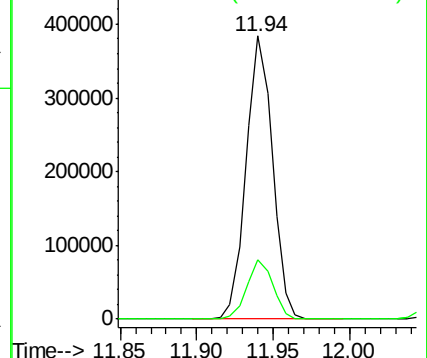
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.340 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014246.D

Acq: 24 Dec 2019 15:38

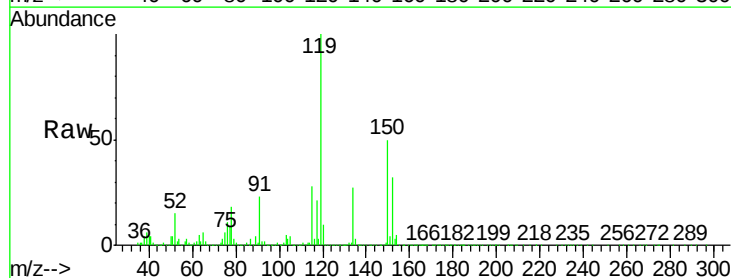
Tgt Ion:119 Resp: 414992

Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.1

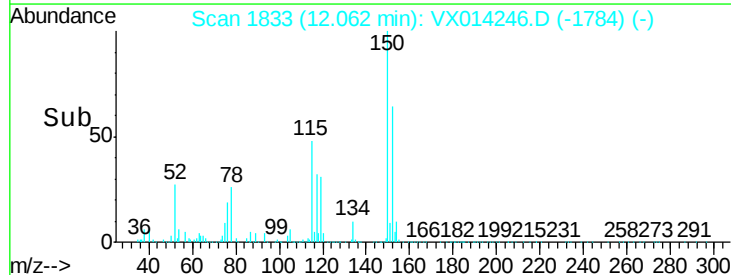
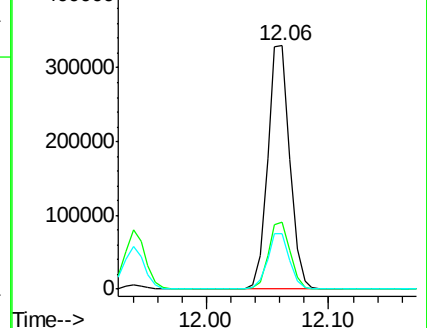
91 22.8 11.4 34.1

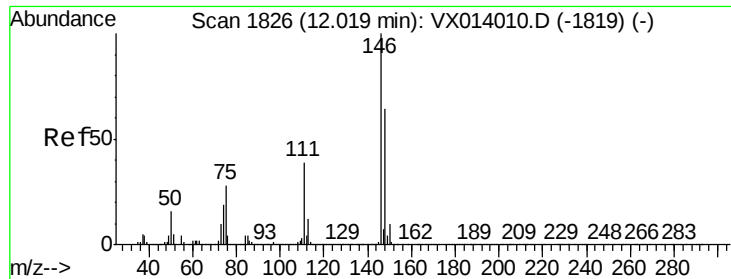


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





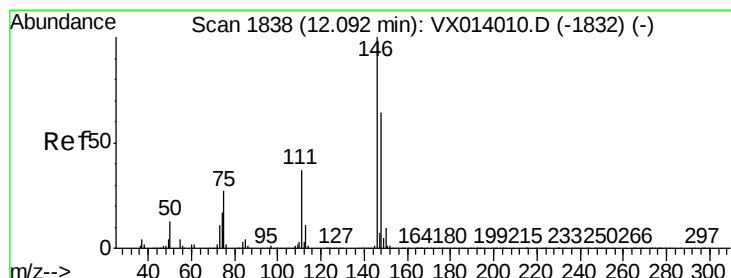
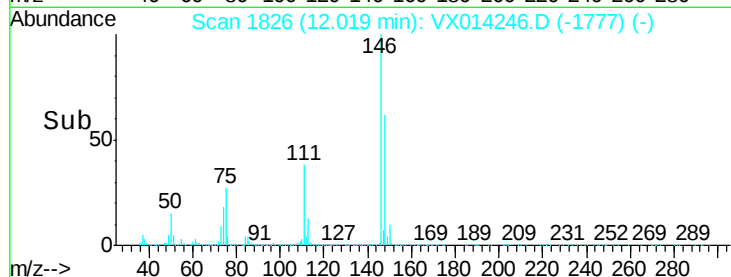
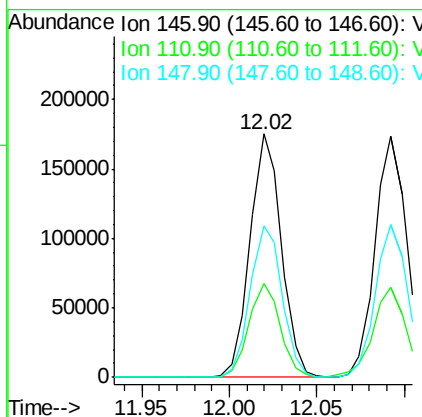
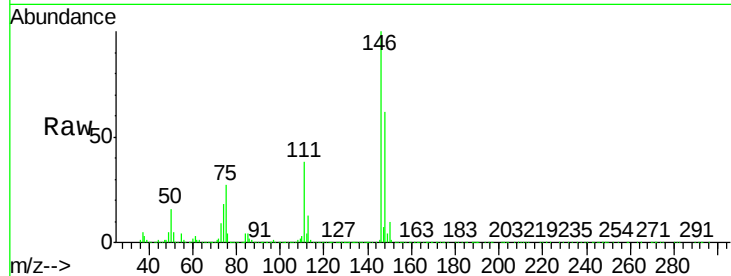
#87
 1,3-Dichlorobenzene
 Concen: 18.633 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014246.D
 Acq: 24 Dec 2019 15:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1224WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.1	57.1
148	63.6	32.3	96.9

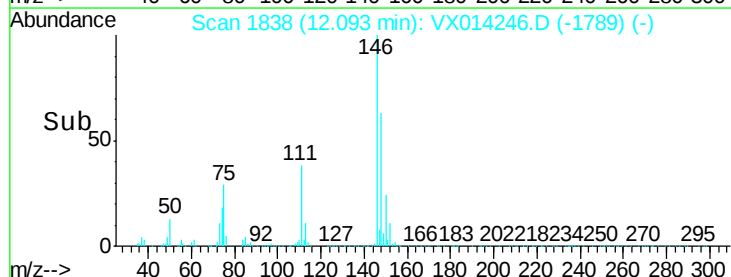
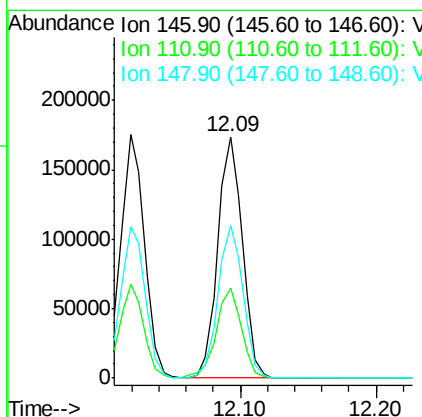
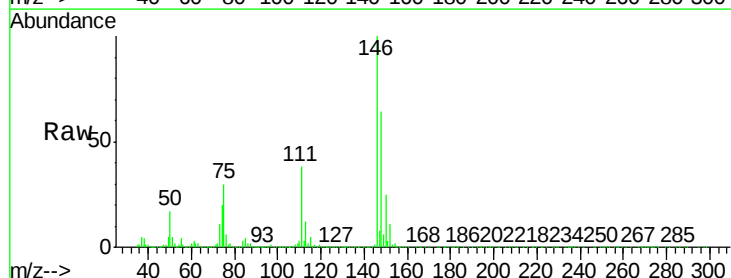
Manual Integrations
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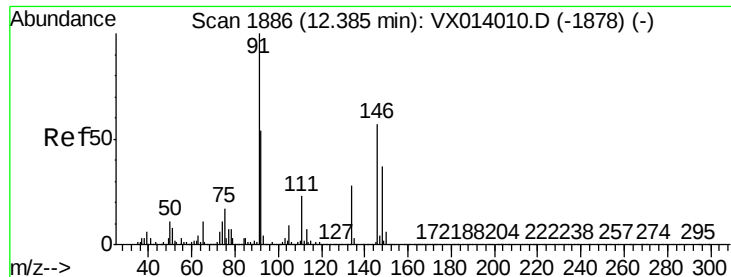
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#88
 1,4-Dichlorobenzene
 Concen: 18.308 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014246.D
 Acq: 24 Dec 2019 15:38

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	18.7	56.1
148	64.1	31.9	95.9





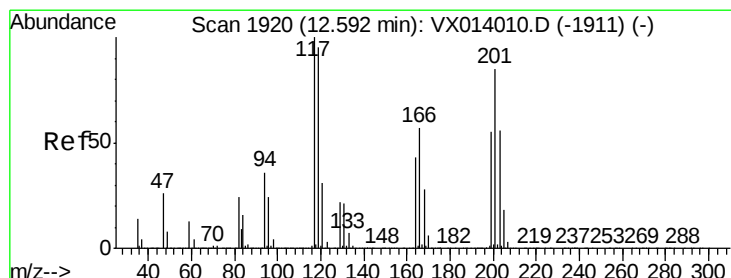
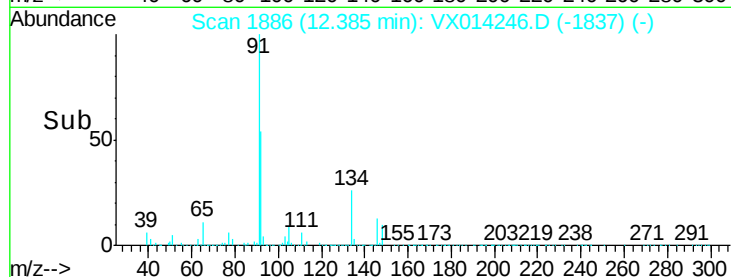
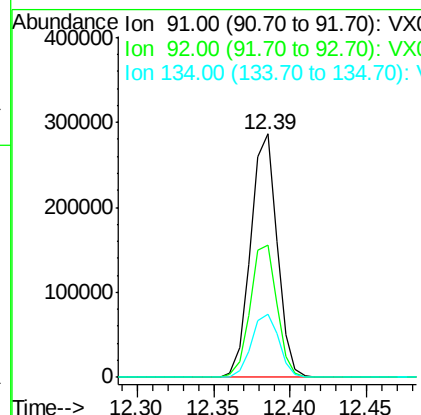
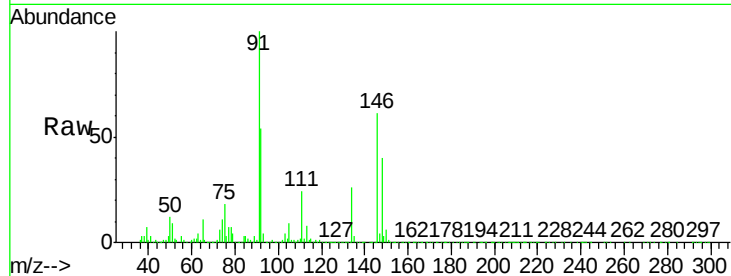
#89
n-Butylbenzene
Concen: 18.807 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014246.D
Acq: 24 Dec 2019 15:38

Instrument :
MSVOA_X
ClientSampleId :
VX1224WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.8	27.2	81.6
134	27.0	13.4	40.1

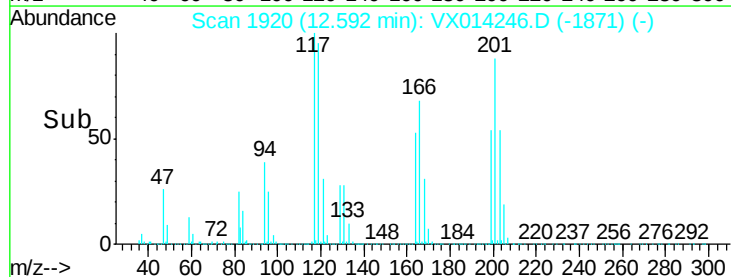
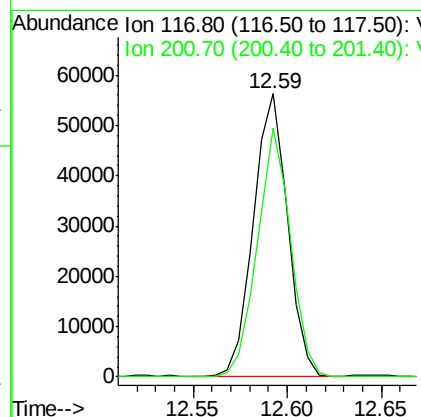
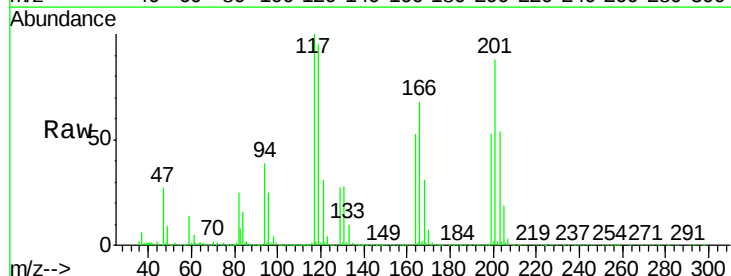
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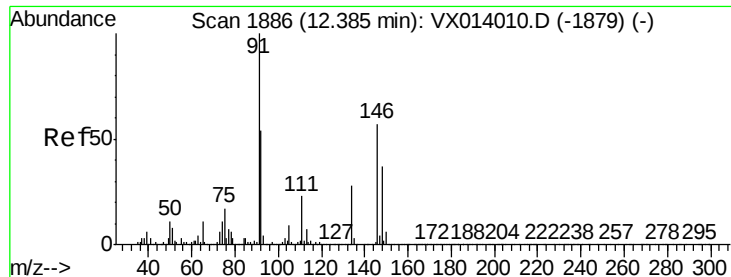
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#90
Hexachloroethane
Concen: 18.356 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014246.D
Acq: 24 Dec 2019 15:38

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.8	43.1	129.3





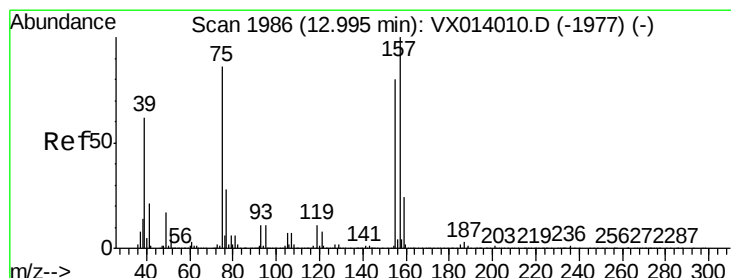
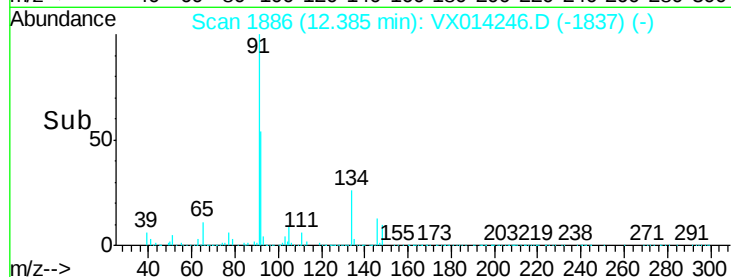
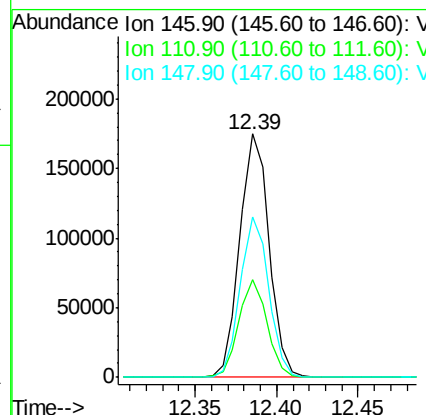
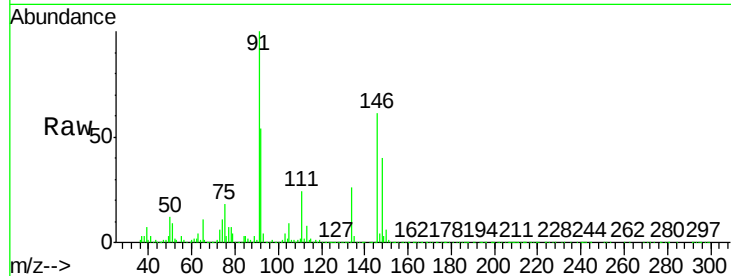
#91
 1,2-Dichlorobenzene
 Concen: 18.589 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014246.D
 Acq: 24 Dec 2019 15:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1224WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	218916		
111	38.9	19.7	59.1	
148	64.4	32.1	96.5	

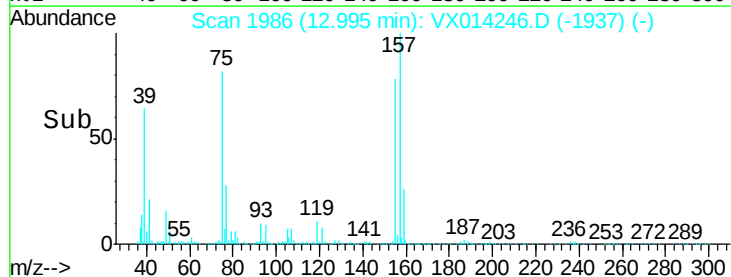
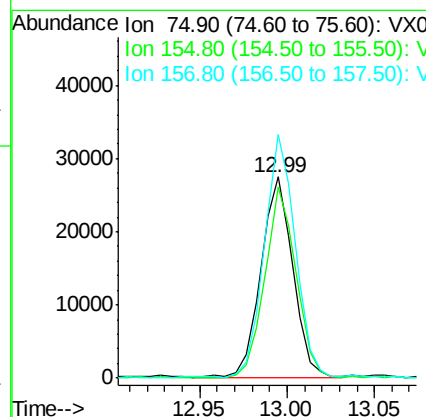
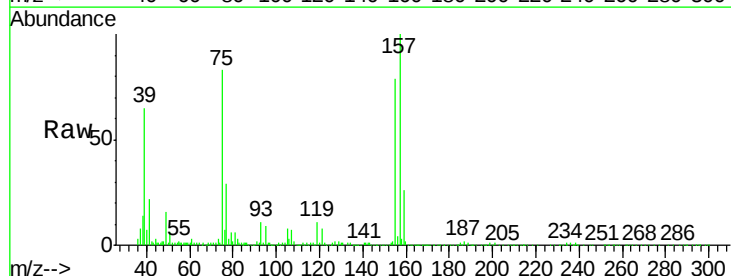
Manual Integrations
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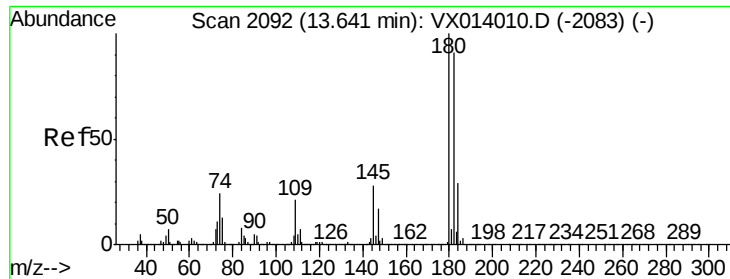
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.524 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014246.D
 Acq: 24 Dec 2019 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	34480		
155	94.7	46.9	140.6	
157	117.0	60.8	182.4	





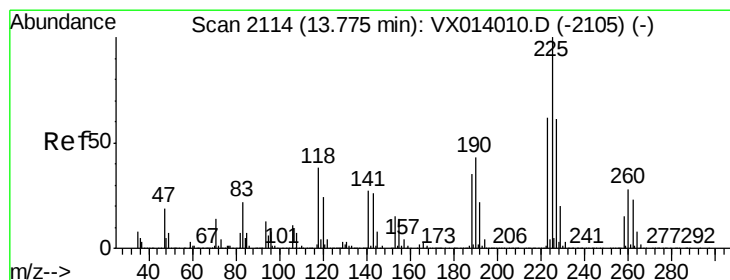
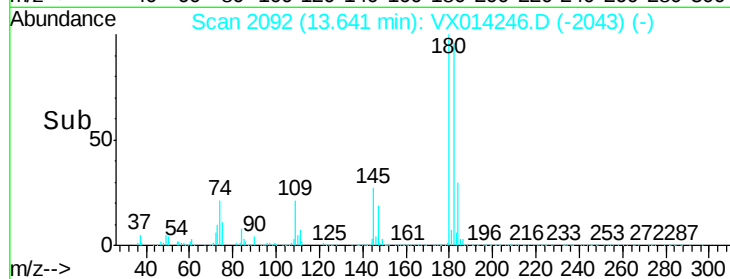
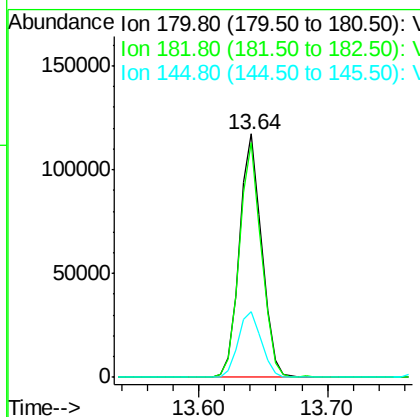
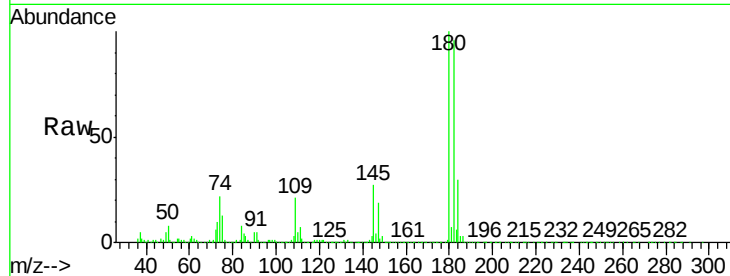
#93
 1,2,4-Trichlorobenzene
 Concen: 18.330 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014246.D
 Acq: 24 Dec 2019 15:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1224WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	140303		
182	95.0	46.6	139.8	
145	28.1	14.2	42.6	

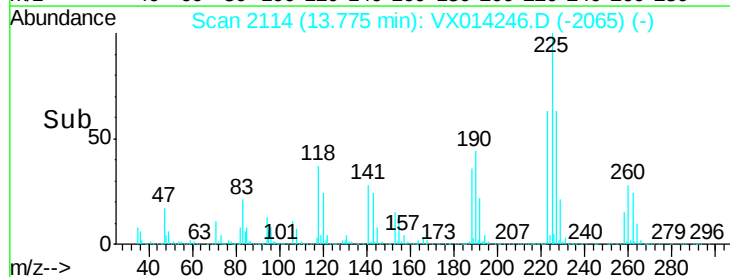
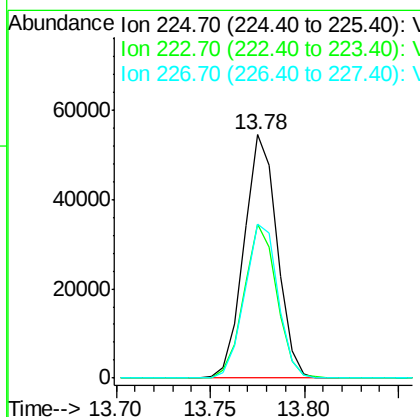
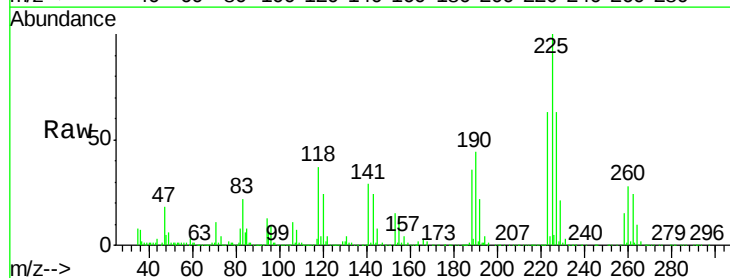
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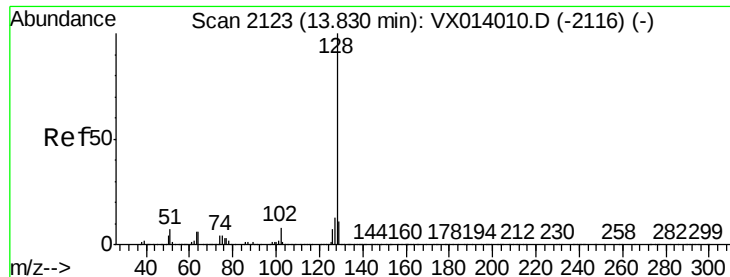
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#94
 Hexachlorobutadiene
 Concen: 18.036 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014246.D
 Acq: 24 Dec 2019 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	66351		
223	63.1	30.9	92.5	
227	64.2	30.9	92.7	





#95

Naphthalene

Concen: 19.995 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX014246.D

Acq: 24 Dec 2019 15:38

Instrument :

MSVOA_X

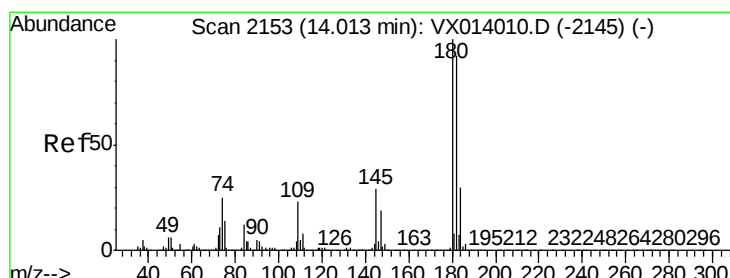
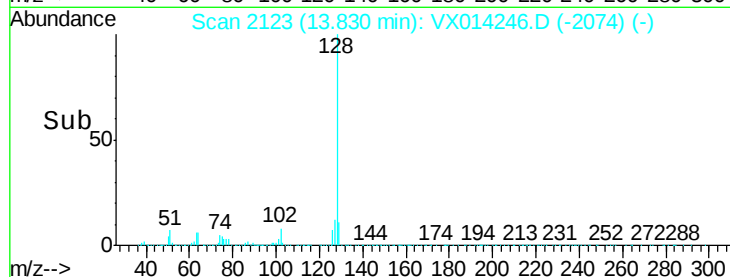
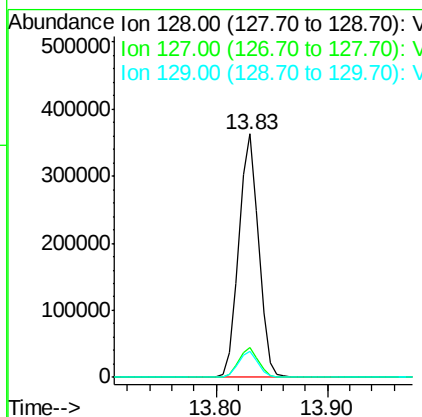
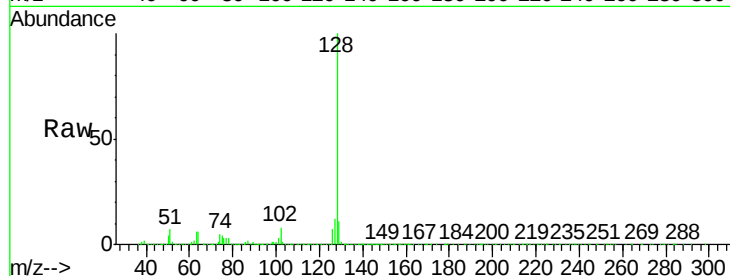
ClientSampleId :

VX1224WBSD01

Tot Ion:	128	Resp:	449674
Ion Ratio		Lower	Upper
128	100		
127	12.4	10.2	15.4
129	10.7	8.7	13.1

Manual Integrations
APPROVED

apatel
12/26/2019 9:24:42 AM



#96

1,2,3-Trichlorobenzene

Concen: 18.879 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX014246.D

Acq: 24 Dec 2019 15:38

Tgt Ion:	180	Resp:	142654
Ion Ratio		Lower	Upper
180	100		
182	95.6	46.8	140.3
145	29.2	14.8	44.4

