

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012420\
 Data File : VX014694.D
 Acq On : 24 Jan 2020 13:58
 Operator : JC/SP
 Sample : VX0124WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0124WBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/27/2020 10:35:26 AM

Quant Time: Jan 24 22:49:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X011520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jan 15 12:41:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	70881	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	382401	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	352671	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	155098	31.13	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	103.77%
60) 4-Bromofluorobenzene	11.13	95	170030	30.13	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	100.43%
63) Toluene-d8	8.71	98	482690	30.30	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	98880	20.186	ug/l 98
3) Chloromethane	1.32	50	107107	19.971	ug/l 96
4) Vinyl Chloride	1.40	62	118563	19.689	ug/l 100
5) Bromomethane	1.64	94	68326	18.183	ug/l 99
6) Chloroethane	1.72	64	68565	20.198	ug/l 98
7) Trichlorofluoromethane	1.92	101	131356	19.700	ug/l 99
8) Diethyl Ether	2.18	74	60090	20.632	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	79320	20.333	ug/l 99
10) 1,1-Dichloroethene	2.37	96	75204	19.166	ug/l 93
11) Methyl Iodide	2.50	142	102933	19.561	ug/l 98
12) Methyl Acetate	2.76	43	151773	21.412	ug/l 98
13) Acrolein	2.28	56	65966	88.600	ug/l 99
14) Acrylonitrile	3.13	53	246222	101.518	ug/l 99
15) Acetone	2.43	58	80706	99.256	ug/l 93
16) Carbon Disulfide	2.56	76	200858	18.638	ug/l 98
17) Allyl chloride	2.72	41	141261	19.453	ug/l 95
18) Methylene Chloride	2.85	84	92039	20.042	ug/l 98
19) trans-1,2-Dichloroethene	3.16	96	82924	19.632	ug/l 98
20) Diisopropyl ether	3.84	45	292623	20.367	ug/l 91
21) 1,1-Dichloroethane	3.69	63	156100	19.999	ug/l 99
22) cis-1,2-Dichloroethene	4.58	96	96792	19.941	ug/l 96
23) tert-Butyl Alcohol	3.02	59	102573	102.260	ug/l # 100
24) Methyl tert-Butyl Ether	3.18	73	268562	20.566	ug/l 100
25) Chloroform	5.20	83	150475	19.902	ug/l 96
26) Cyclohexane	5.57	56	140460	19.510	ug/l # 99
29) 1,1-Dichloropropene	5.79	75	113107	20.168	ug/l 99
30) 2-Butanone	4.65	43	368628	103.763	ug/l 100
31) 2,2-Dichloropropane	4.58	77	119740m	19.954	ug/l
32) 1,1,1-Trichloroethane	5.48	97	126193	20.339	ug/l 99
33) Carbon Tetrachloride	5.78	117	107375	20.158	ug/l 99
34) Benzene	6.13	78	351695	20.294	ug/l 98
35) Methacrylonitrile	5.03	41	71775	20.229	ug/l 99
36) 1,2-Dichloroethane	6.18	62	126309	20.944	ug/l 97
37) Trichloroethene	7.21	130	97293	20.504	ug/l 99
38) Methylcyclohexane	7.45	83	140464	20.116	ug/l 99
39) 1,2-Dichloropropane	7.51	63	92575	20.543	ug/l 94
40) Dibromomethane	7.65	93	60590	20.921	ug/l 100

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	115490	20.363	ug/l	97
42) Vinyl Acetate	3.80	43	1039935	94.973	ug/l	99
43) Ethyl Acetate	4.82	43	135372	21.050	ug/l	99
44) Isopropyl Acetate	6.43	43	214371	20.663	ug/l	99
45) 1,4-Dioxane	7.73	88	45688	440.249	ug/l	99
46) Methyl methacrylate	7.76	41	104888	20.559	ug/l	99
47) n-amyl Acetate	10.89	43	173966	20.012	ug/l	97
48) t-1,3-Dichloropropene	9.03	75	126536	20.436	ug/l	97
49) cis-1,3-Dichloropropene	8.43	75	142713	20.455	ug/l	97
50) 1,1,2-Trichloroethane	9.21	97	93650	21.251	ug/l	96
51) Ethyl methacrylate	9.17	69	139251	20.294	ug/l	97
52) 1,3-Dichloropropane	9.37	76	157384	21.078	ug/l	100
53) Dibromochloromethane	9.57	129	91909	20.390	ug/l	100
54) 1,2-Dibromoethane	9.67	107	96734	21.165	ug/l	97
55) 2-Chloroethyl vinyl ether	8.30	63	305390	96.842	ug/l	100
56) Bromoform	10.85	173	68706	19.788	ug/l	97
58) 4-Methyl-2-Pentanone	8.63	43	691518	104.123	ug/l	99
59) 2-Hexanone	9.48	43	532717	103.715	ug/l	99
61) Tetrachloroethene	9.33	164	123630	23.717	ug/l	97
62) Toluene	8.78	91	380154	20.317	ug/l	100
64) Chlorobenzene	10.14	112	235902	20.196	ug/l	97
65) 1,1,1,2-Tetrachloroethane	10.21	131	87764	20.344	ug/l	100
66) Ethyl Benzene	10.25	91	406071	19.925	ug/l	98
67) m/p-Xylenes	10.36	106	312992	40.094	ug/l	100
68) o-Xylene	10.69	106	150557	19.806	ug/l	98
69) Styrene	10.71	104	254509	19.760	ug/l	98
70) Isopropylbenzene	11.01	105	400727	20.122	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	134654	20.073	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	120982m	21.084	ug/l	
73) Bromobenzene	11.25	156	104180	19.734	ug/l	99
74) n-propylbenzene	11.35	91	462362	20.318	ug/l	99
75) 2-Chlorotoluene	11.42	91	278116	20.392	ug/l	99
76) 1,3,5-Trimethylbenzene	11.50	105	341116	20.556	ug/l	98
77) t-1,4-Dichloro-2-butene	11.07	75	42701	19.335	ug/l	99
78) 4-Chlorotoluene	11.51	91	314374	20.297	ug/l	99
79) tert-butylbenzene	11.76	119	299713	19.303	ug/l	95
80) 1,2,4-Trimethylbenzene	11.80	105	339466	20.510	ug/l	100
81) sec-Butylbenzene	11.94	105	387782	20.183	ug/l	99
82) p-Isopropyltoluene	12.06	119	356936	20.350	ug/l	100
83) 1,3-Dichlorobenzene	12.02	146	186392	20.221	ug/l	100
84) 1,4-Dichlorobenzene	12.09	146	185268	20.273	ug/l	99
85) n-Butylbenzene	12.39	91	300718	19.595	ug/l	99
86) Hexachloroethane	12.59	117	61296	19.488	ug/l	96
87) 1,2-Dichlorobenzene	12.39	146	188792	20.298	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	28144	19.640	ug/l	98
89) 1,2,4-Trichlorobenzene	13.64	180	123784	20.163	ug/l	98
90) Hexachlorobutadiene	13.78	225	62891	20.502	ug/l	99
91) Naphthalene	13.83	128	367378	19.825	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	125453	20.077	ug/l	99

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Misc : 5.0mL/MSVOA X/WATER
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Instrument :
MSVOA_X
ClientSampleId :
VX0124WBSD01

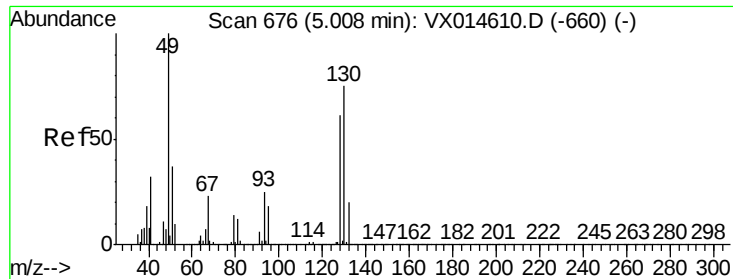
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

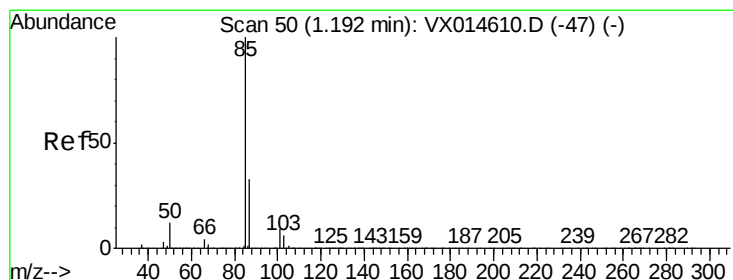
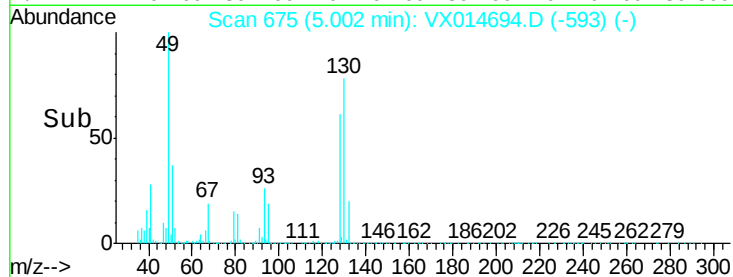
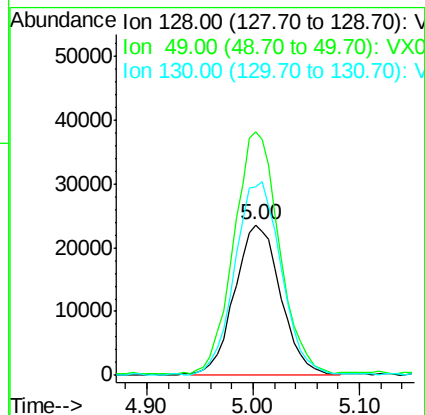
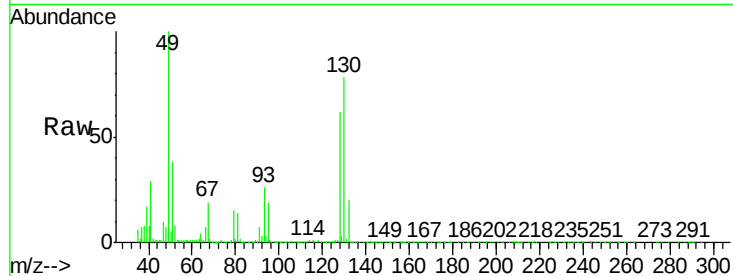
Bromochloromethane
 Concen: 30.000 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: VX014694.D
 Acq: 24 Jan 2020 13:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0124WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
49	157.8	0.0	405.0
130	130.8	0.0	321.5

Manual Integrations
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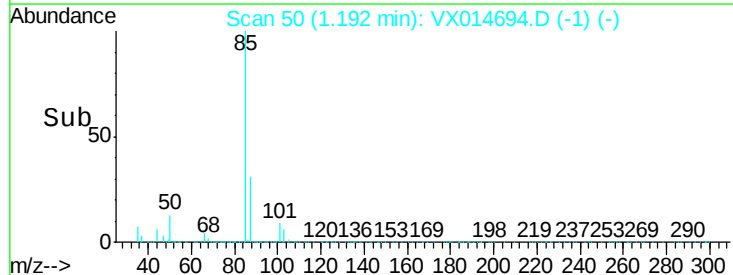
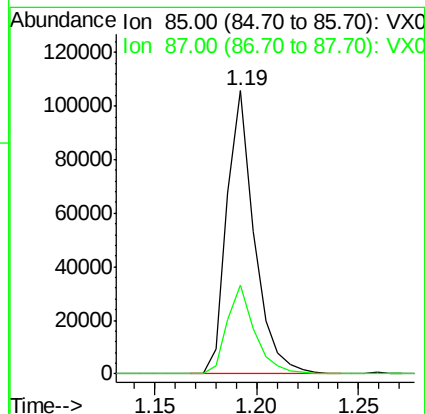
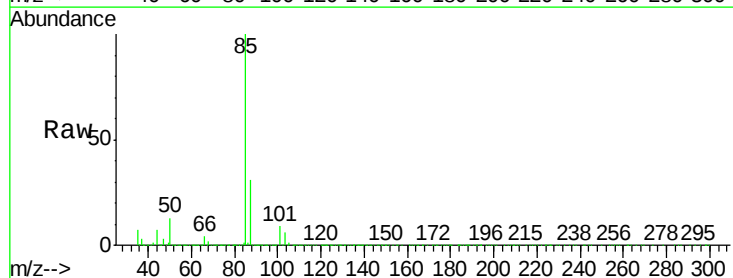
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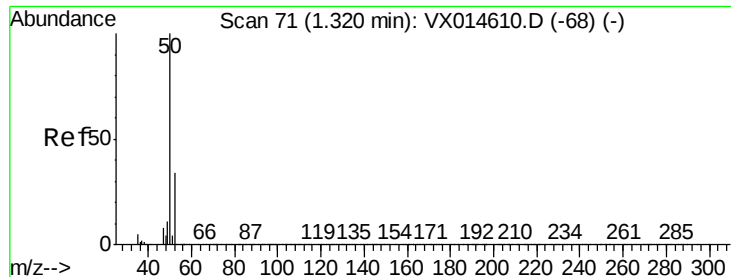


#2

Dichlorodifluoromethane
 Concen: 20.186 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.00 min
 Lab File: VX014694.D
 Acq: 24 Jan 2020 13:58

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.3	16.3	48.9





#3

Chloromethane

Concen: 19.971 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014694.D

Acq: 24 Jan 2020 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0124WBSD01

Tot Ion: 50 Resp: 107107

Ion Ratio Lower Upper

50 100

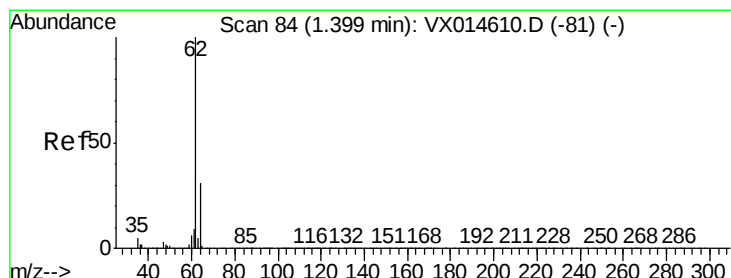
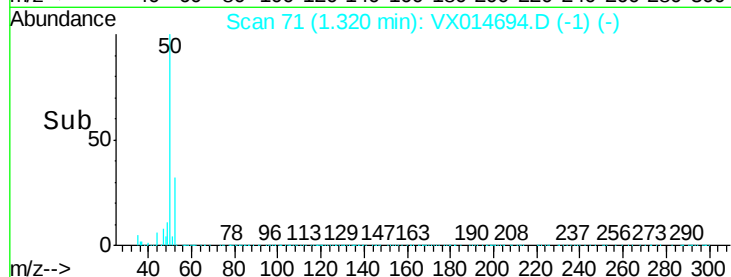
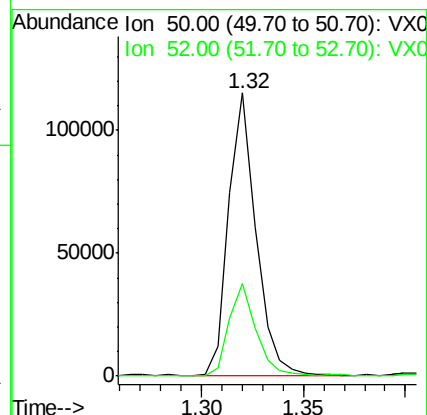
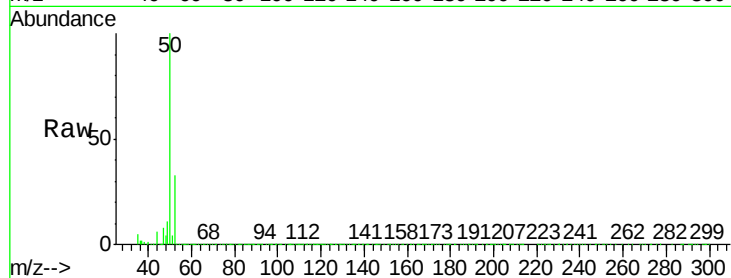
52 32.3 24.3 36.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.689 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014694.D

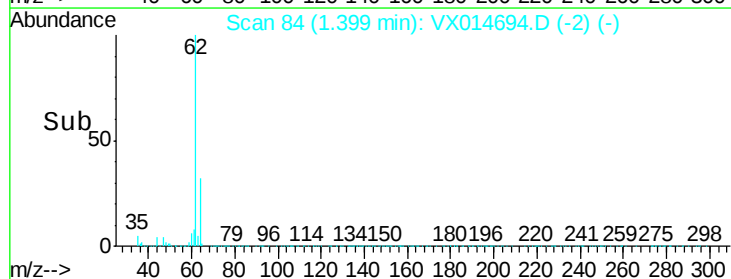
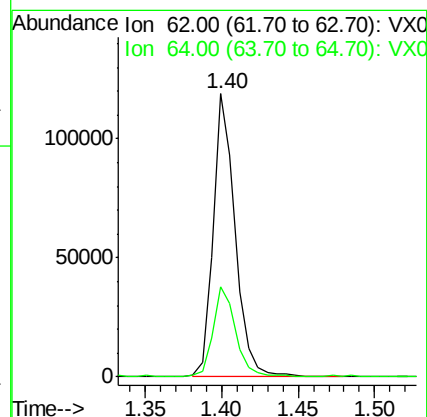
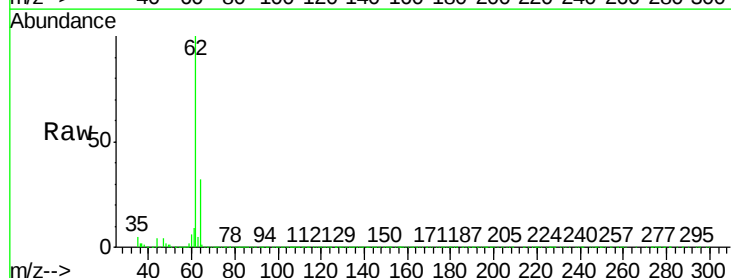
Acq: 24 Jan 2020 13:58

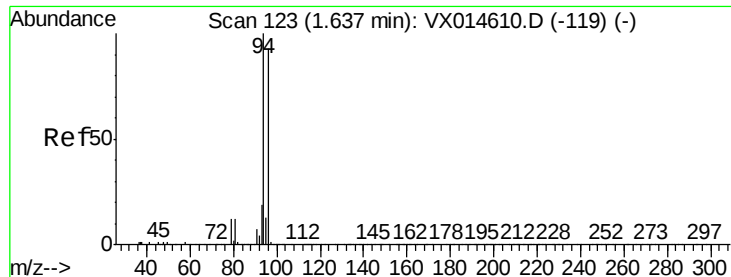
Tgt Ion: 62 Resp: 118563

Ion Ratio Lower Upper

62 100

64 31.5 25.2 37.8





#5

Bromomethane

Concen: 18.183 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX014694.D

Acq: 24 Jan 2020 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0124WBSD01

Tot Ion: 94 Resp: 68326

Ion Ratio Lower Upper

94 100

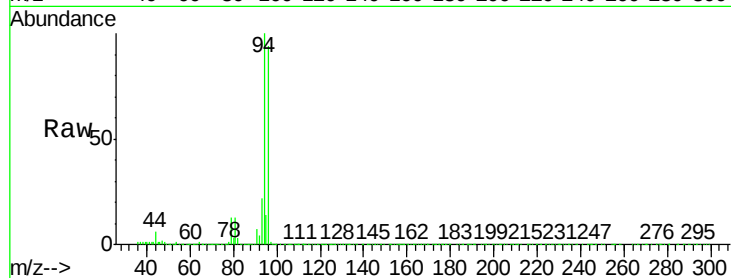
96 94.0 74.4 111.6

Manual Integrations

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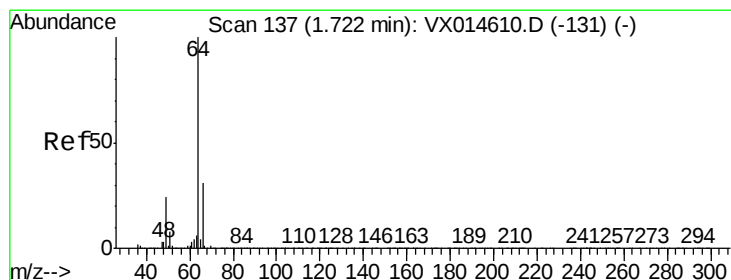
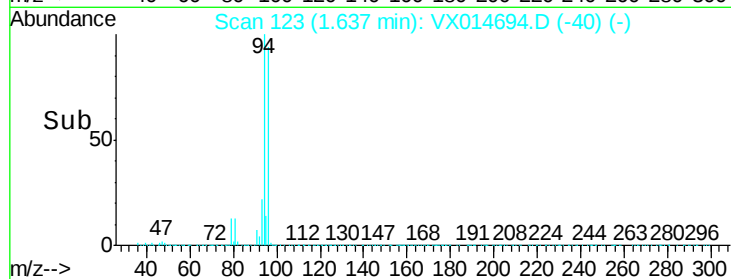
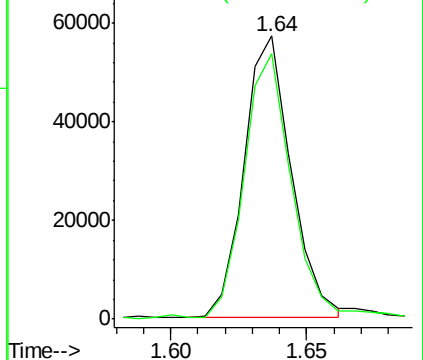
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Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 20.198 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014694.D

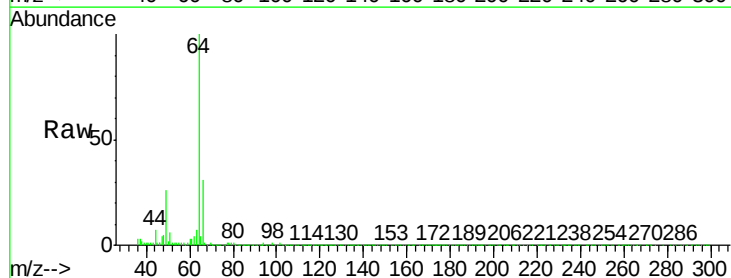
Acq: 24 Jan 2020 13:58

Tgt Ion: 64 Resp: 68565

Ion Ratio Lower Upper

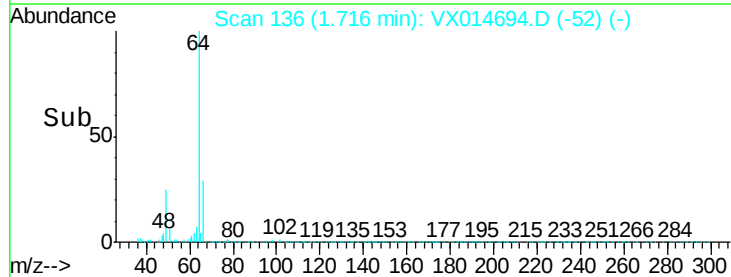
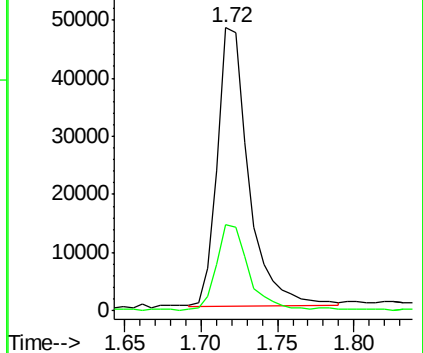
64 100

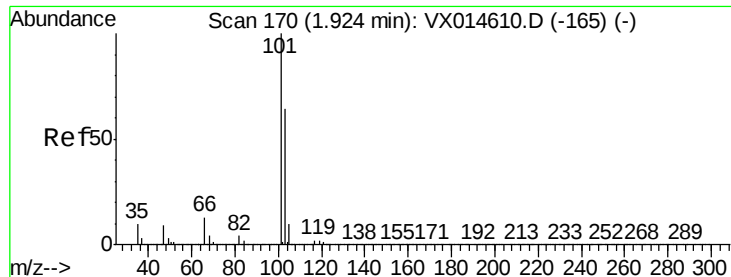
66 30.6 25.2 37.8



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0





#7

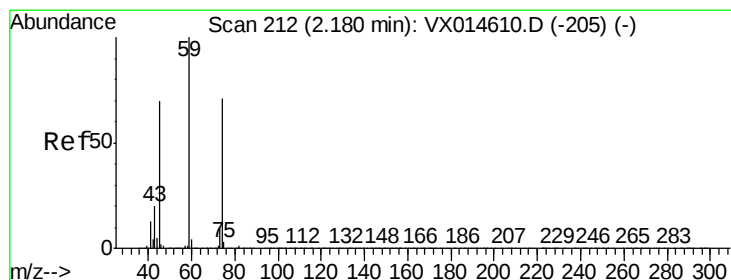
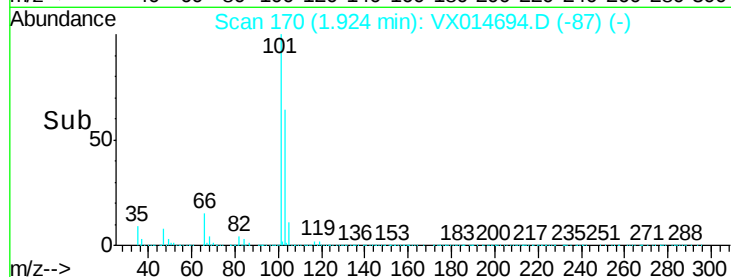
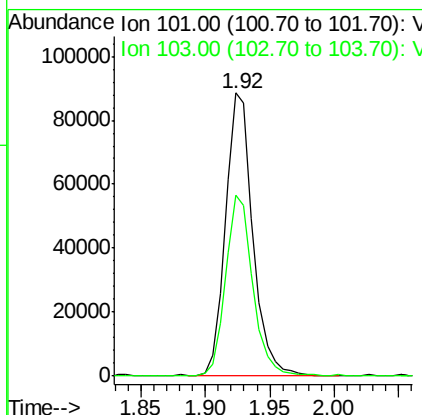
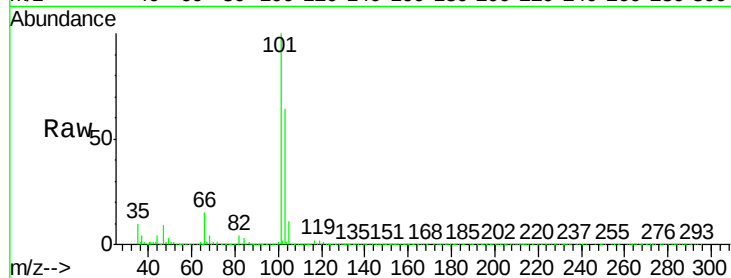
Trichlorofluoromethane
Concen: 19.700 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014694.D
Acq: 24 Jan 2020 13:58

Instrument :
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ClientSampleId :
VX0124WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.9	51.6	77.4

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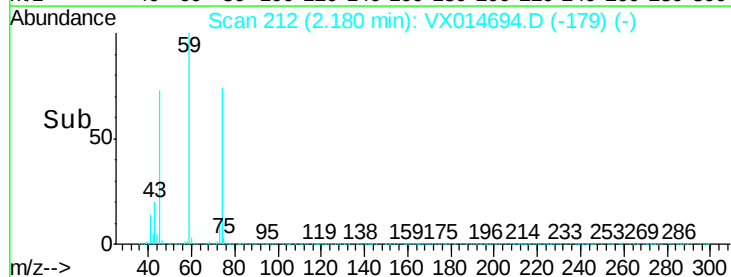
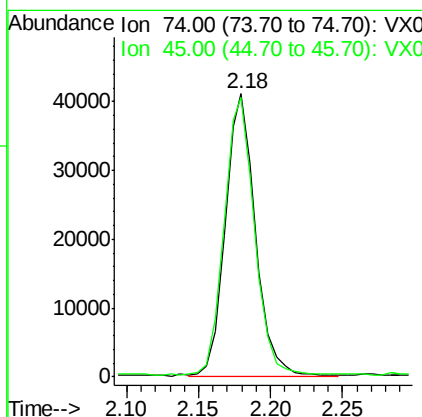
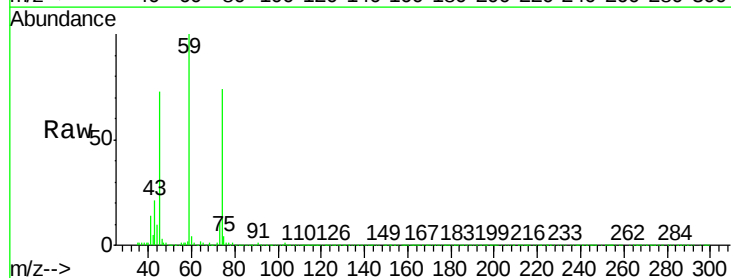
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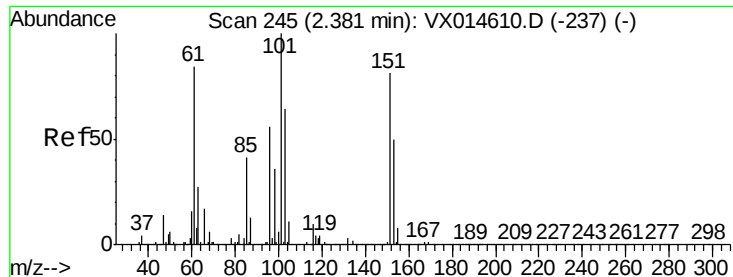


#8

Diethyl Ether
Concen: 20.632 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014694.D
Acq: 24 Jan 2020 13:58

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.1	20.6	185.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.333 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014694.D

Acq: 24 Jan 2020 13:58

Instrument :

MSVOA_X

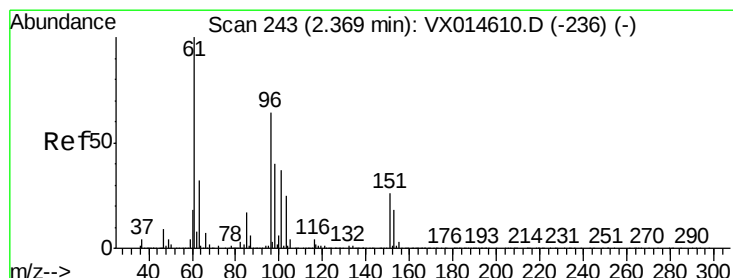
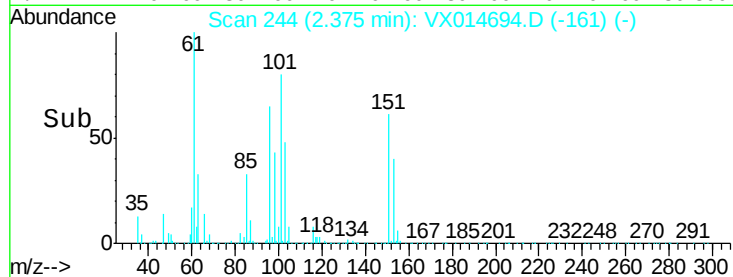
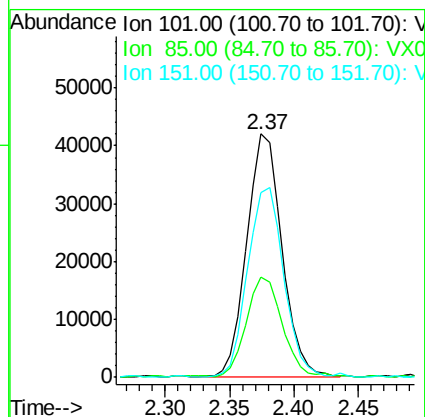
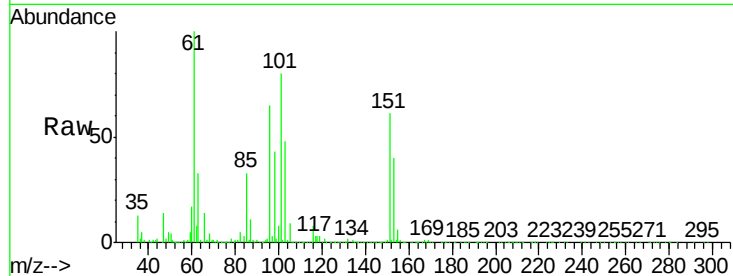
ClientSampleId :

VX0124WBSD01

Tot Ion:	101	Resp:	79320
Ion Ratio	Lower	Upper	
101	100		
85	41.4	0.0	85.6
151	79.7	0.0	159.4

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#10

1,1-Dichloroethene

Concen: 19.166 ug/l

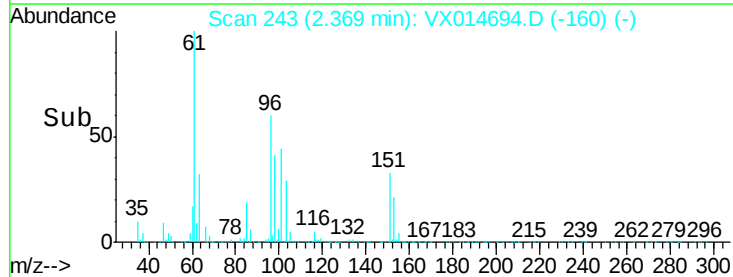
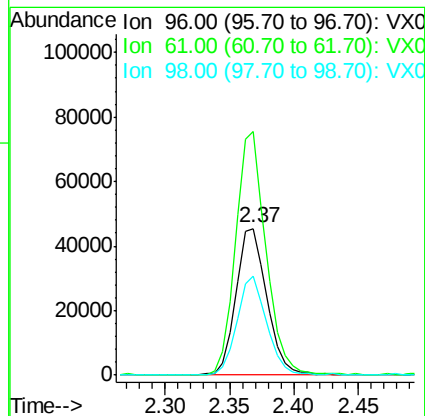
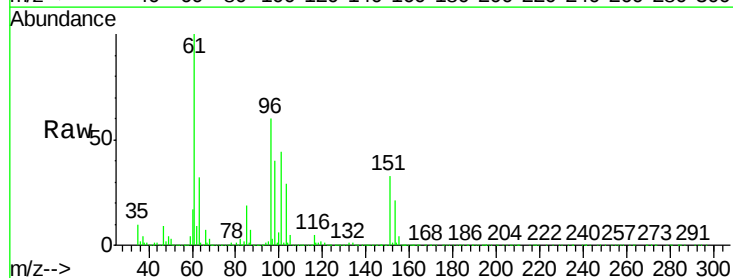
RT: 2.37 min Scan# 243

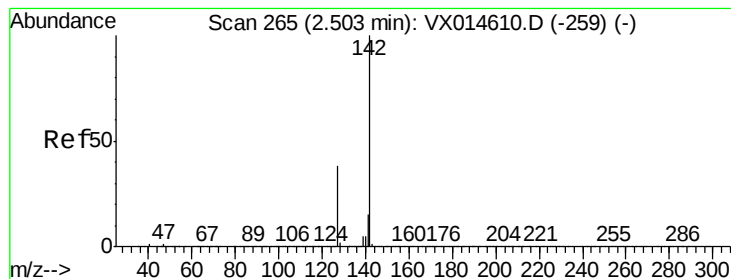
Delta R.T. 0.01 min

Lab File: VX014694.D

Acq: 24 Jan 2020 13:58

Tgt Ion:	96	Resp:	75204
Ion Ratio	Lower	Upper	
96	100		
61	165.7	123.0	184.6
98	66.8	51.4	77.0





#11

Methvl Iodide

Concen: 19.561 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX014694.D

Acq: 24 Jan 2020 13:58

Instrument :

MSVOA_X

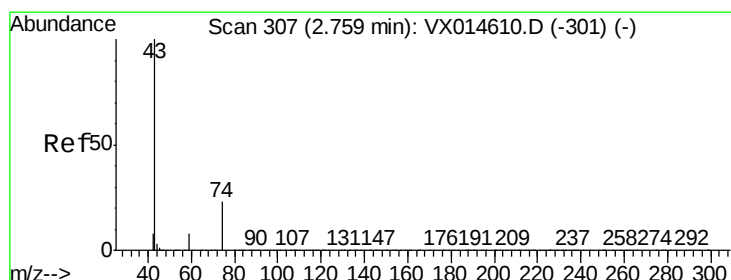
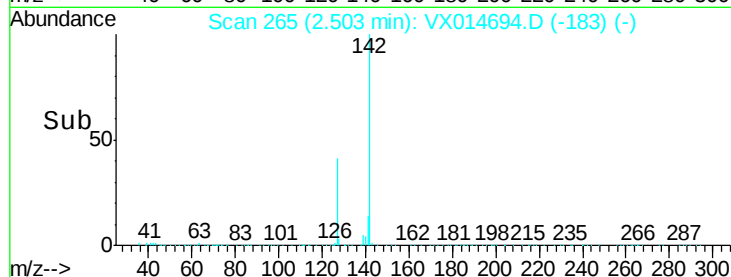
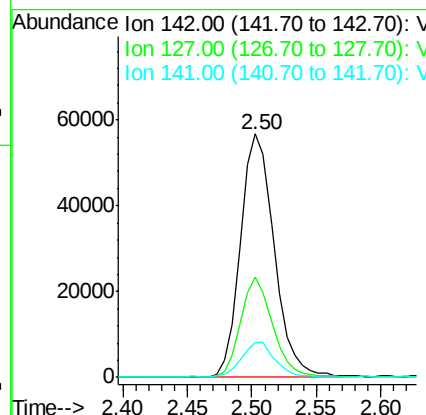
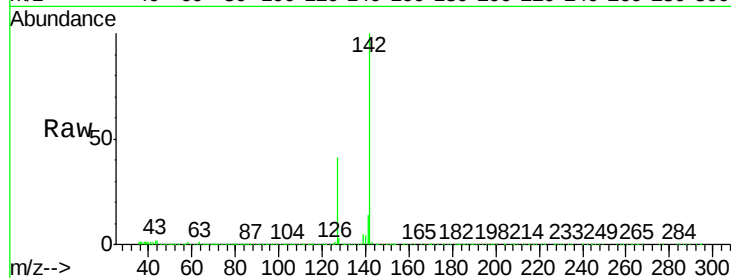
ClientSampleId :

VX0124WBSD01

Tot Ion:	142	Resp:	102933
Ion Ratio	Lower	Upper	
142	100		
127	41.0	19.5	58.5
141	13.9	7.0	20.9

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#12

Methyl Acetate

Concen: 21.412 ug/l

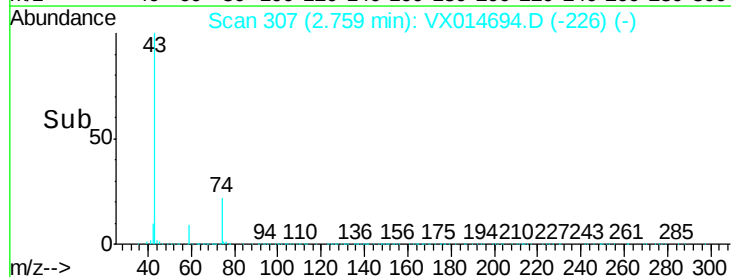
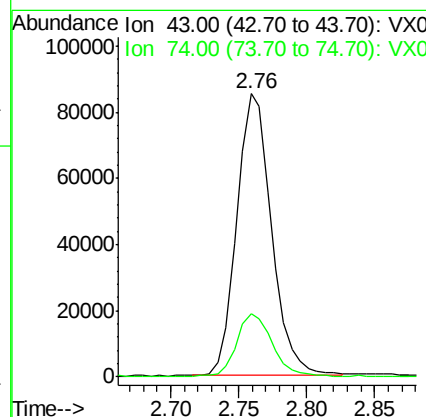
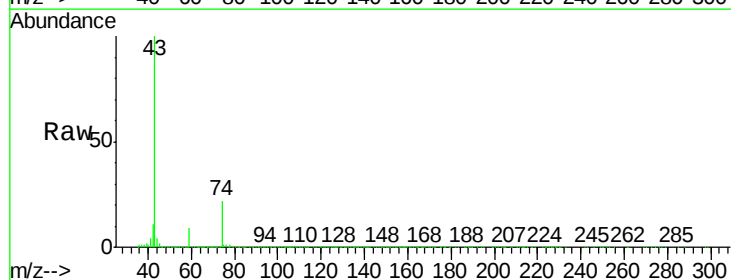
RT: 2.76 min Scan# 307

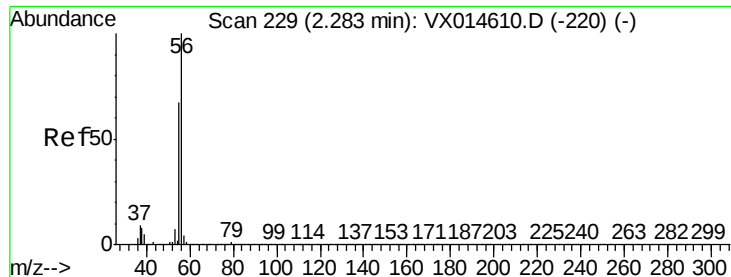
Delta R.T. -0.01 min

Lab File: VX014694.D

Acq: 24 Jan 2020 13:58

Tgt Ion:	43	Resp:	151773
Ion Ratio	Lower	Upper	
43	100		
74	22.2	18.5	27.7





#13

Acrolein

Concen: 88.600 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014694.D

Acq: 24 Jan 2020 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0124WBSD01

Tot Ion: 56 Resp: 65966

Ion Ratio Lower Upper

56 100

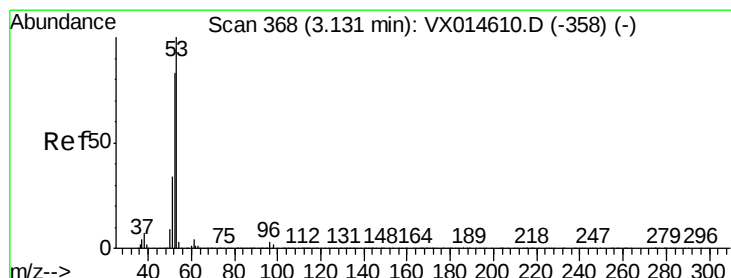
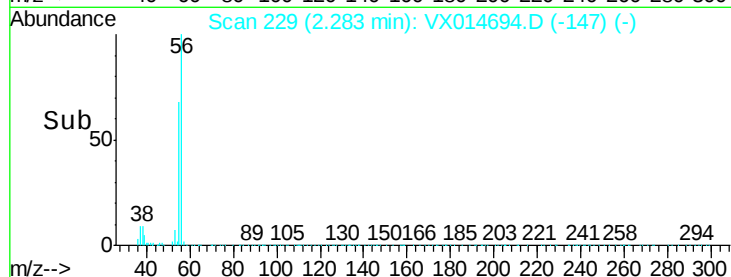
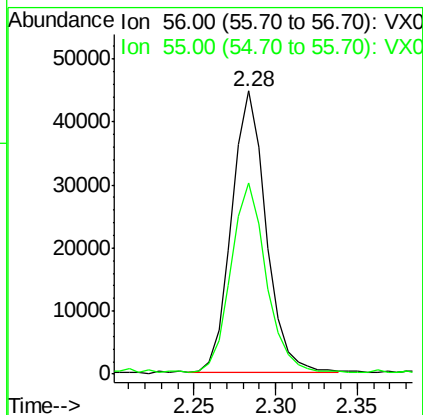
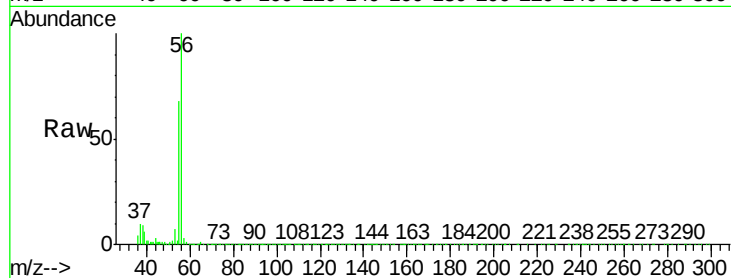
55 69.6 54.9 82.3

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#14

Acrylonitrile

Concen: 101.518 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014694.D

Acq: 24 Jan 2020 13:58

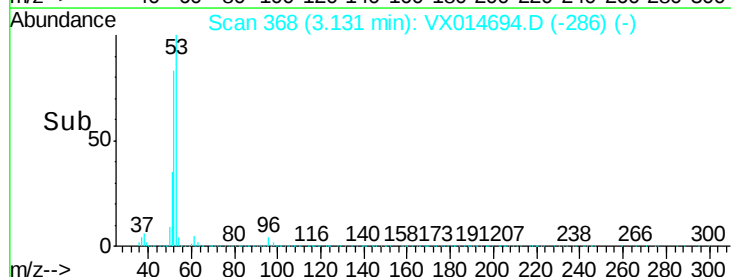
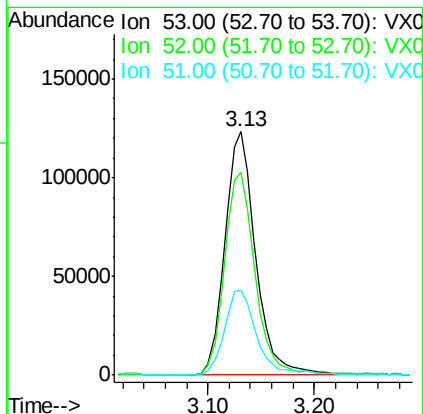
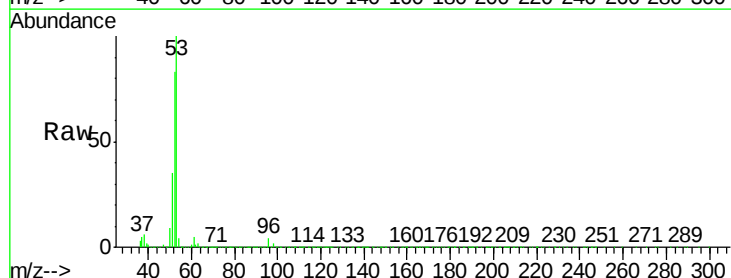
Tgt Ion: 53 Resp: 246222

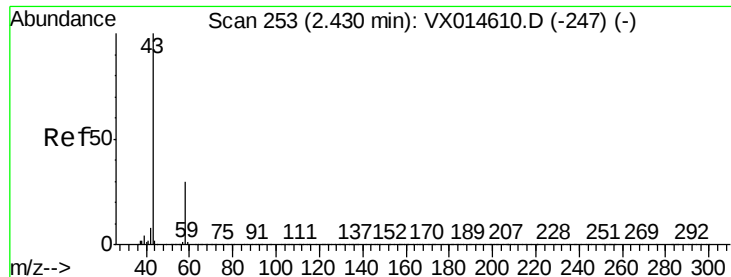
Ion Ratio Lower Upper

53 100

52 82.9 41.5 124.6

51 36.3 17.8 53.5





#15

Acetone

Concen: 99.256 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014694.D

Acq: 24 Jan 2020 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0124WBSD01

Tot Ion: 58 Resp: 80706

Ion Ratio Lower Upper

58 100

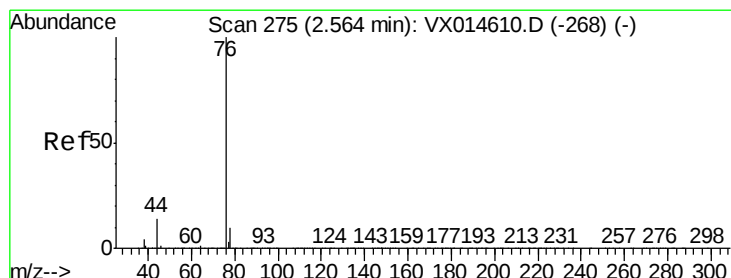
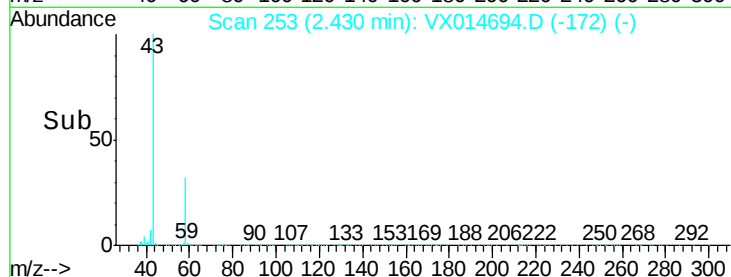
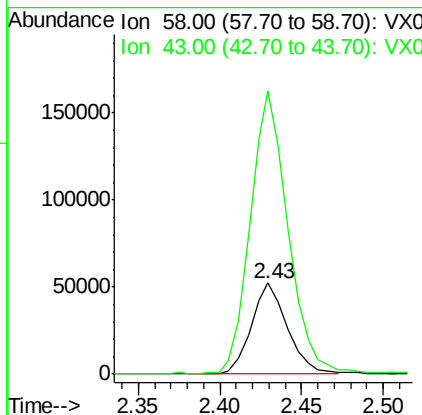
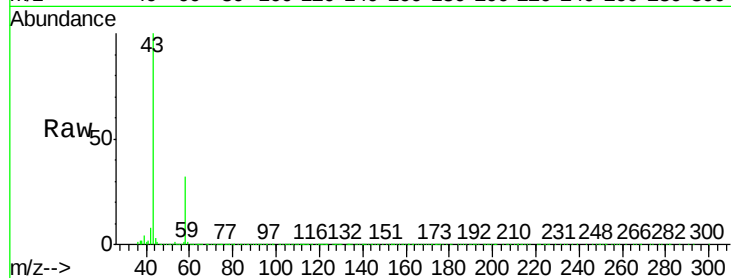
43 309.8 236.3 354.5

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#16

Carbon Disulfide

Concen: 18.638 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014694.D

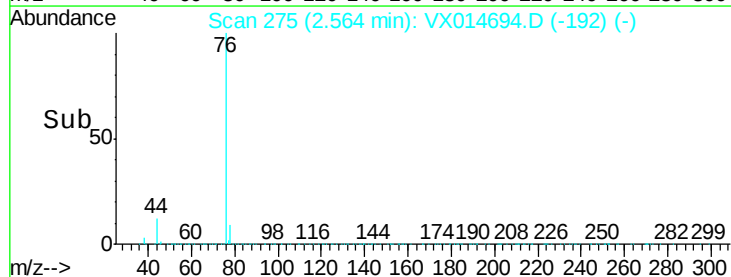
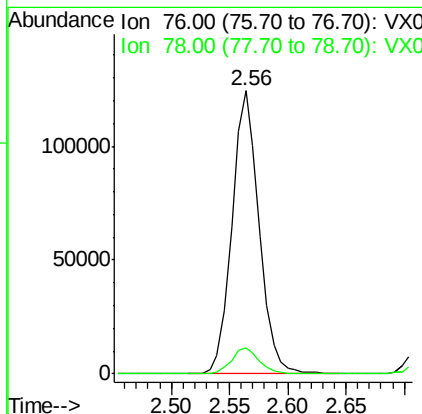
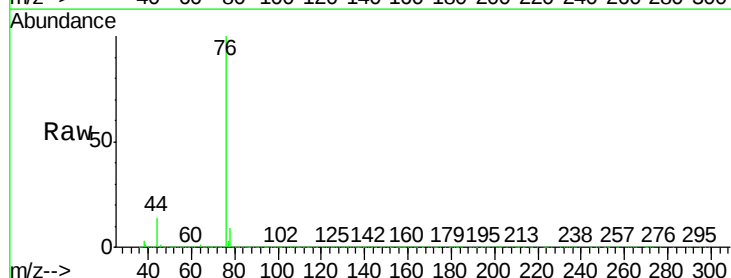
Acq: 24 Jan 2020 13:58

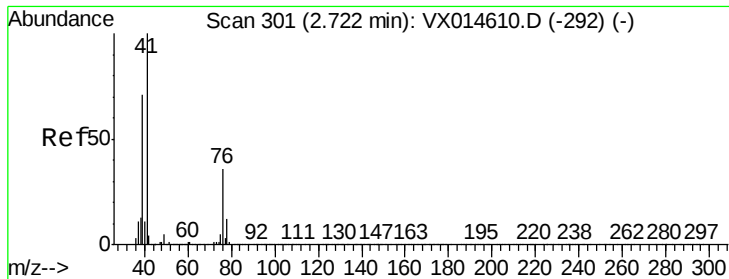
Tgt Ion: 76 Resp: 200858

Ion Ratio Lower Upper

76 100

78 9.1 7.8 11.8





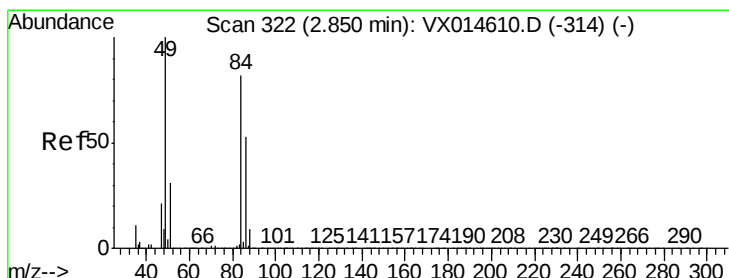
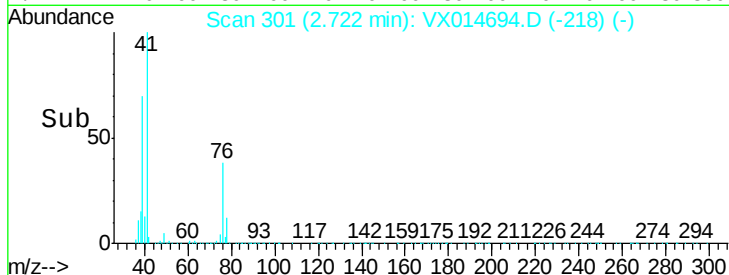
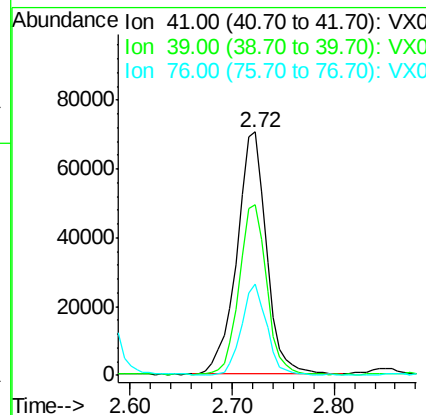
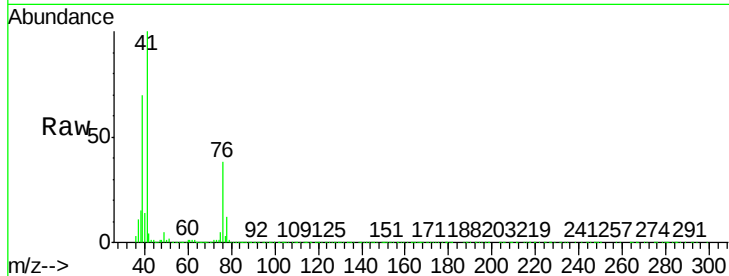
#17
Allvl chloride
Concen: 19.453 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.01 min
Lab File: VX014694.D
Acq: 24 Jan 2020 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0124WBSD01

Tot Ion	Ratio	Lower	Upper
41	100		
39	69.8	33.4	100.2
76	37.6	17.0	50.9

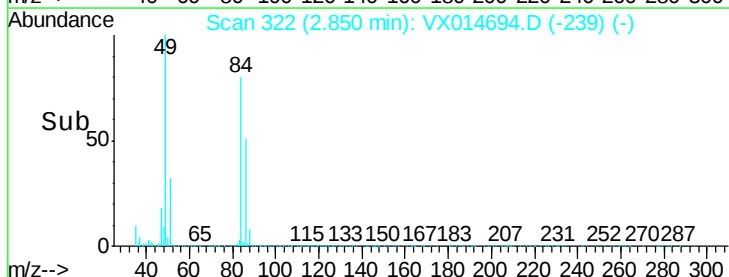
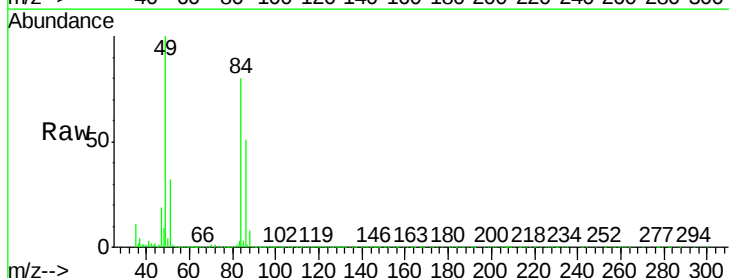
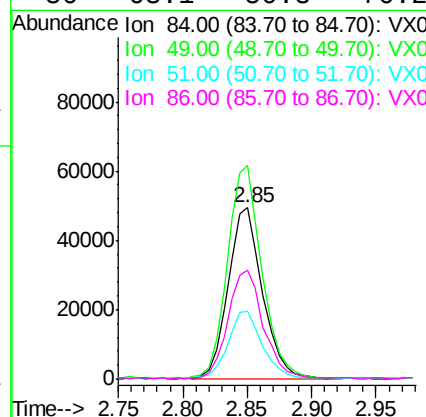
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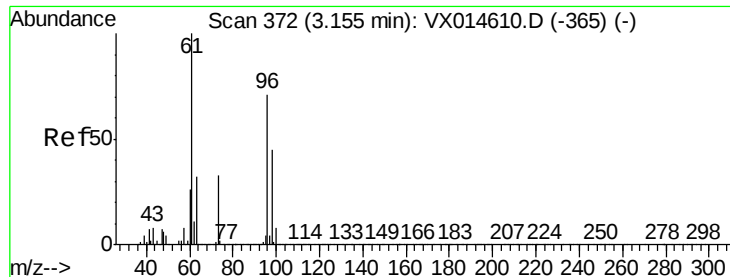
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#18
Methylene Chloride
Concen: 20.042 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX014694.D
Acq: 24 Jan 2020 13:58

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.3	102.2	153.2
51	39.4	31.4	47.0
86	63.1	50.8	76.2





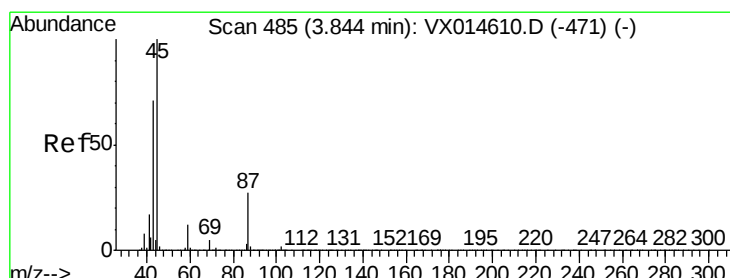
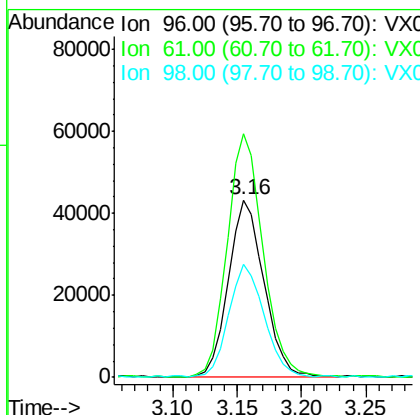
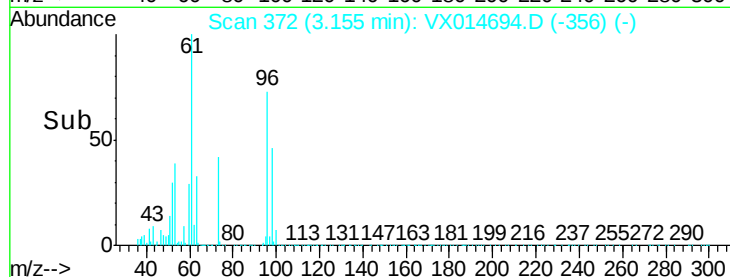
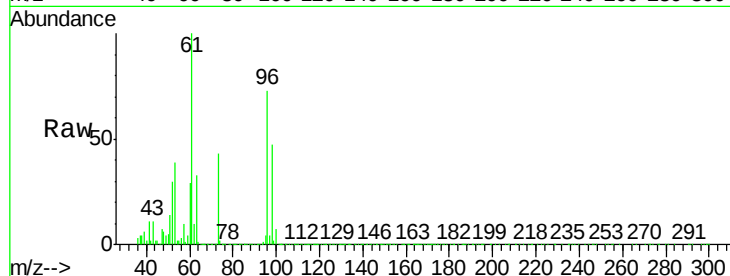
#19
trans-1,2-Dichloroethene
Concen: 19.632 ug/l
RT: 3.16 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX014694.D
Acq: 24 Jan 2020 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0124WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	137.0	106.6	159.8
98	63.8	51.6	77.4

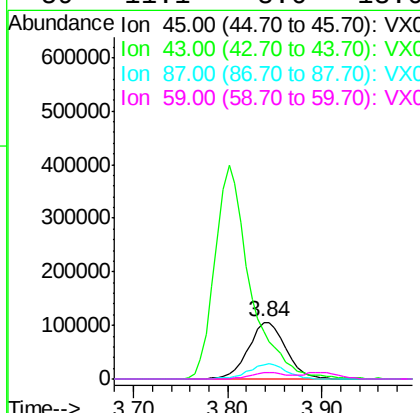
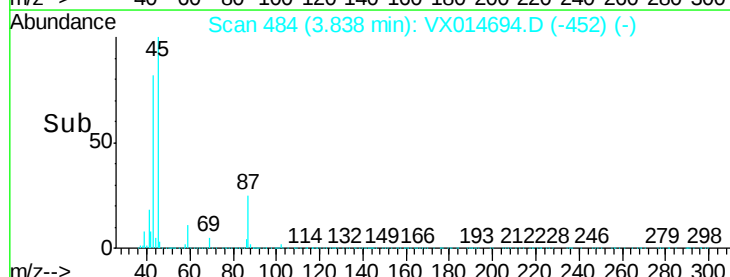
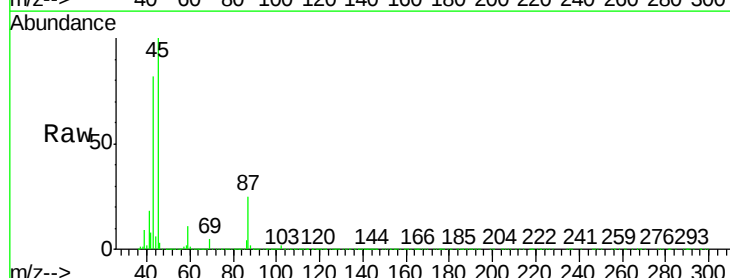
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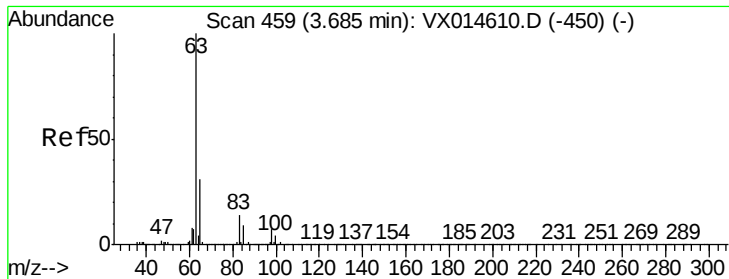
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#20
Diisopropyl ether
Concen: 20.367 ug/l
RT: 3.84 min Scan# 484
Delta R.T. -0.01 min
Lab File: VX014694.D
Acq: 24 Jan 2020 13:58

Tgt Ion	Ratio	Lower	Upper
45	100		
43	79.9	55.9	83.9
87	25.0	22.2	33.2
59	11.1	8.6	13.0





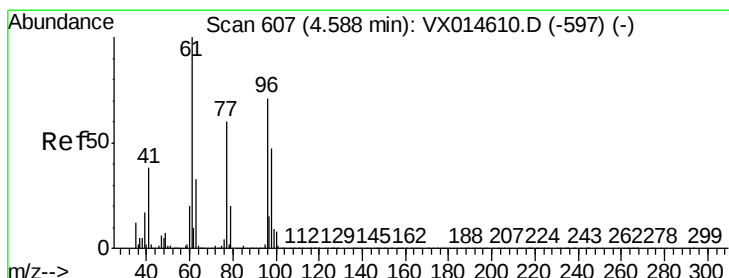
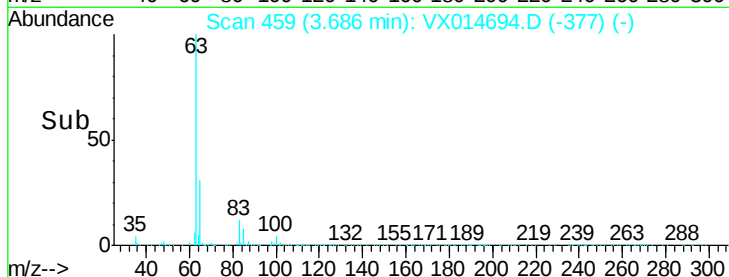
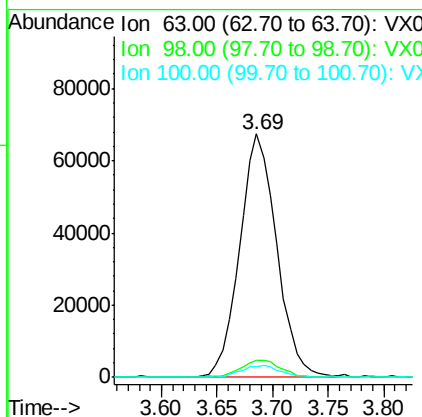
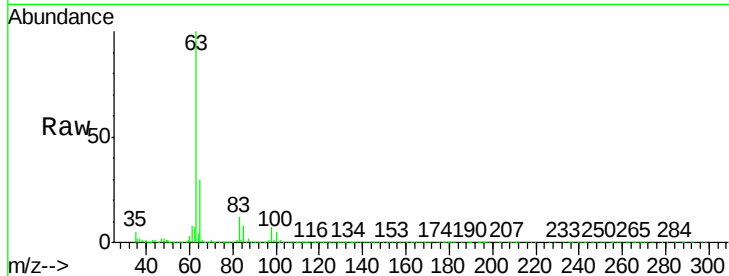
#21
1,1-Dichloroethane
Concen: 19.999 ug/l
RT: 3.69 min Scan# 459
Delta R.T. 0.00 min
Lab File: VX014694.D
Acq: 24 Jan 2020 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0124WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
63	100	156100		
98	7.0		3.4	10.1
100	4.4		2.5	7.4

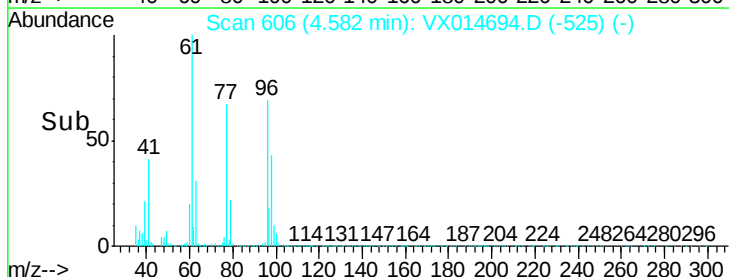
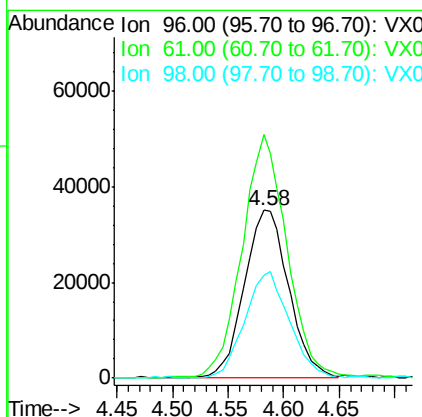
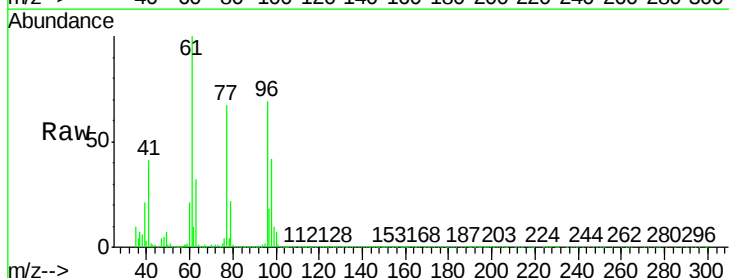
Manual Integrations
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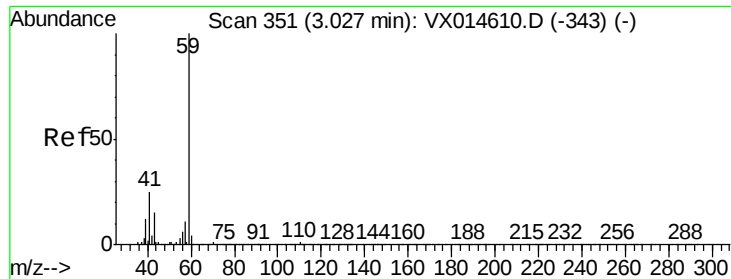
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#22
cis-1,2-Dichloroethene
Concen: 19.941 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014694.D
Acq: 24 Jan 2020 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	96792		
61	145.8		112.4	168.6
98	64.3		50.3	75.5





#23

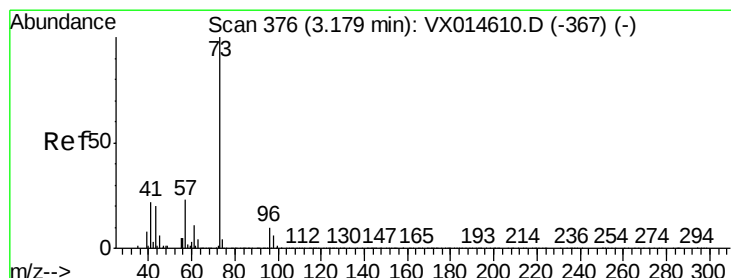
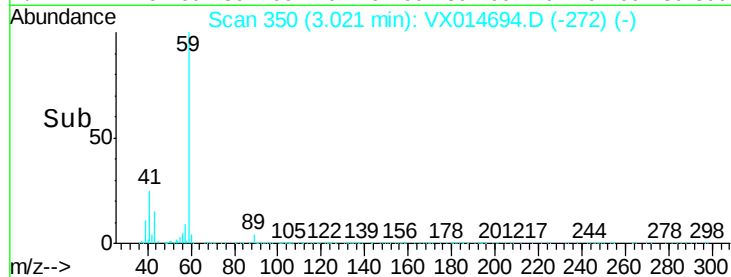
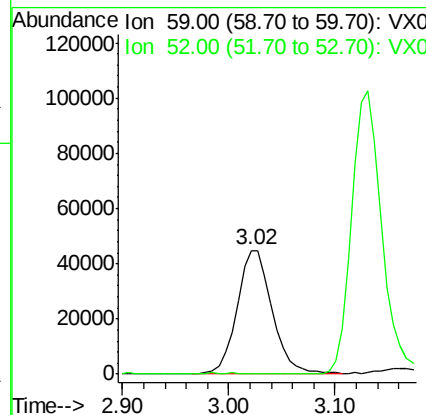
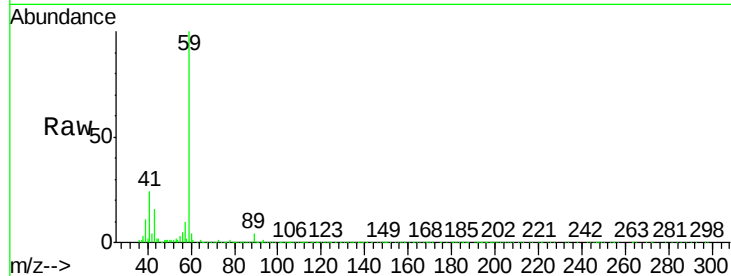
tert-Butyl Alcohol
 Concen: 102.260 ug/l
 RT: 3.02 min Scan# 350
 Delta R.T. -0.02 min
 Lab File: VX014694.D
 Acq: 24 Jan 2020 13:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0124WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.1	0.2	0.2#

Manual Integrations
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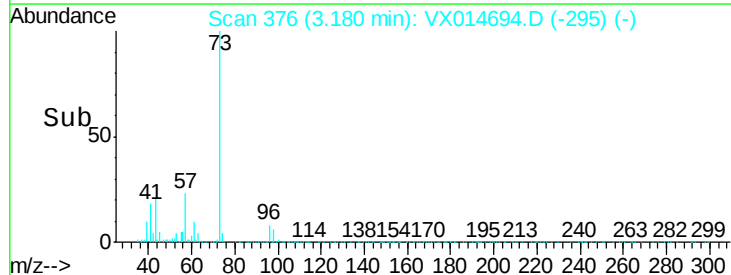
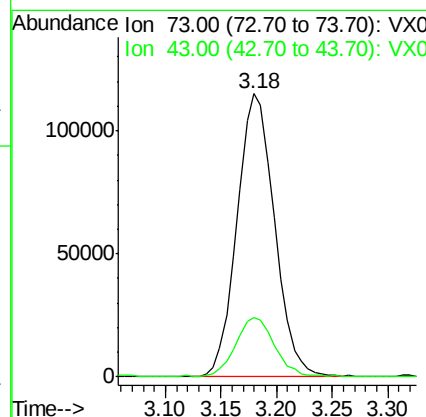
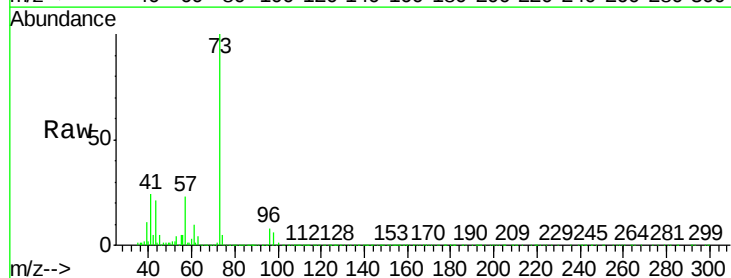
MMDadoda
 1/27/2020 10:35:26 AM

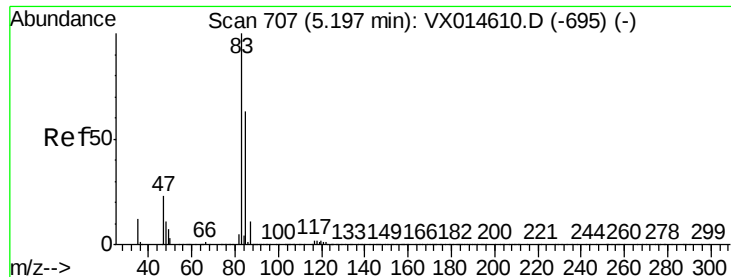


#24

Methyl tert-Butyl Ether
 Concen: 20.566 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX014694.D
 Acq: 24 Jan 2020 13:58

Tgt Ion	Ratio	Lower	Upper
73	100		
43	21.0	16.6	25.0





#25

Chloroform

Concen: 19.902 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX014694.D

Acq: 24 Jan 2020 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0124WBSD01

Tot Ion: 83 Resp: 150475

Ion Ratio Lower Upper

83 100

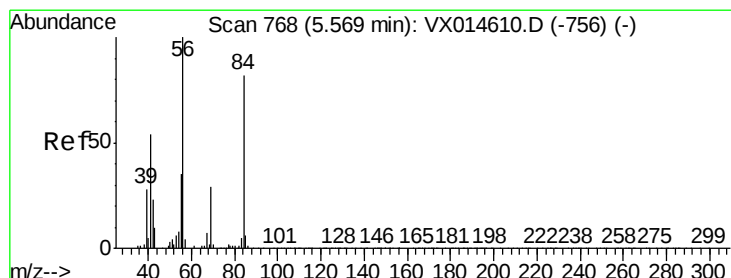
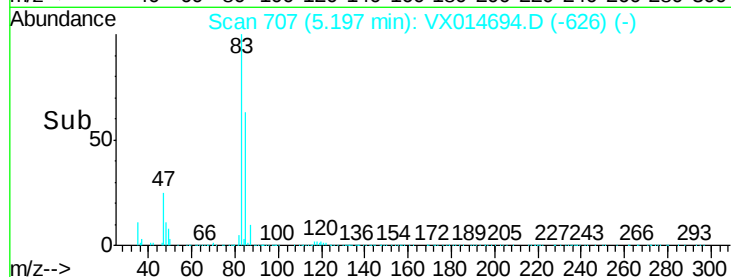
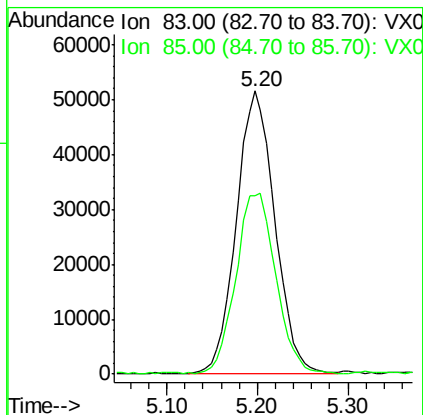
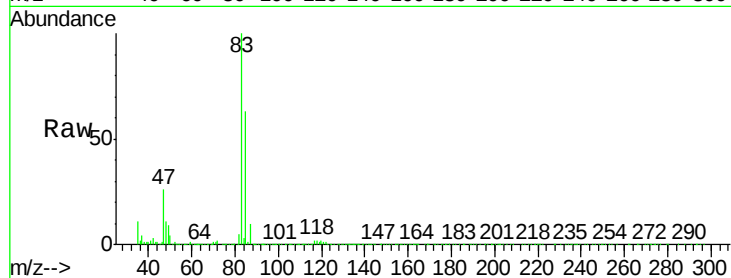
85 63.1 52.7 79.1

Manual Integrations

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#26

Cyclohexane

Concen: 19.510 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX014694.D

Acq: 24 Jan 2020 13:58

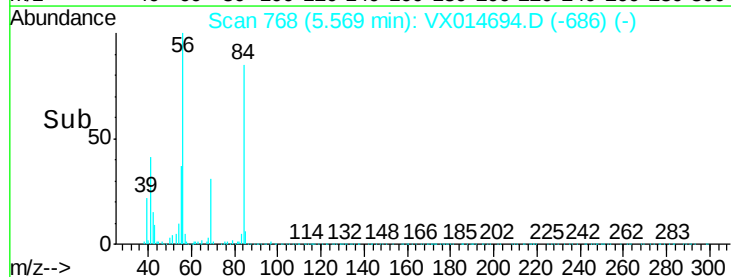
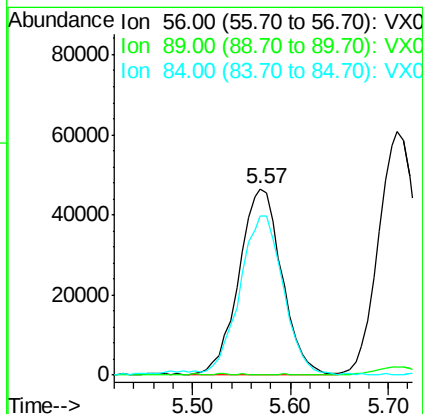
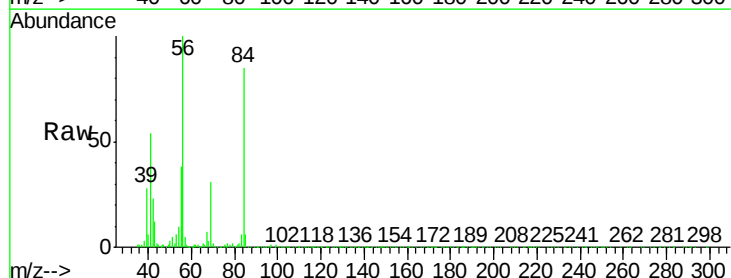
Tgt Ion: 56 Resp: 140460

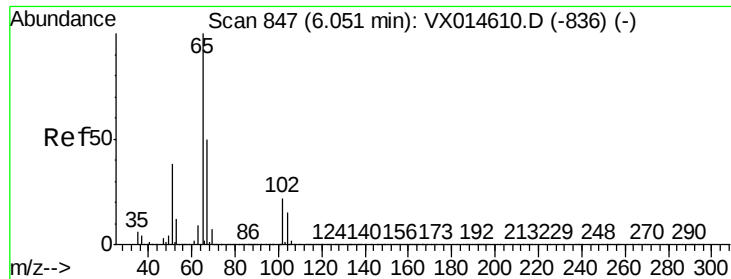
Ion Ratio Lower Upper

56 100

89 0.0 0.1 0.1#

84 87.3 70.8 106.2





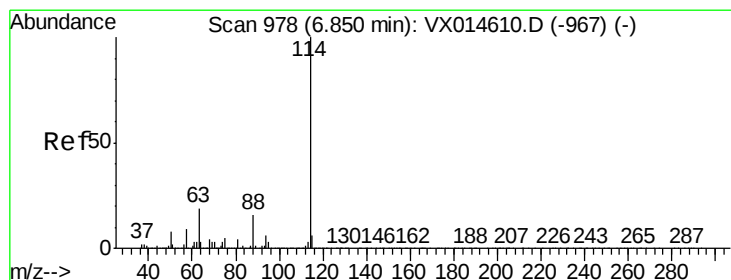
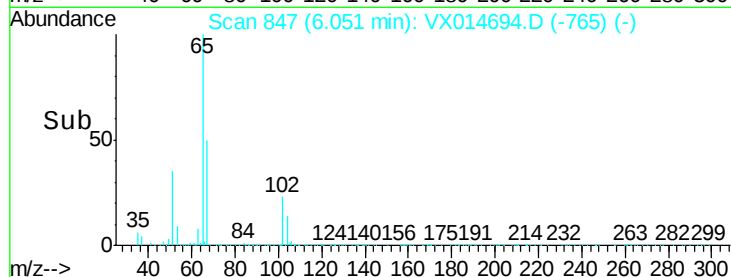
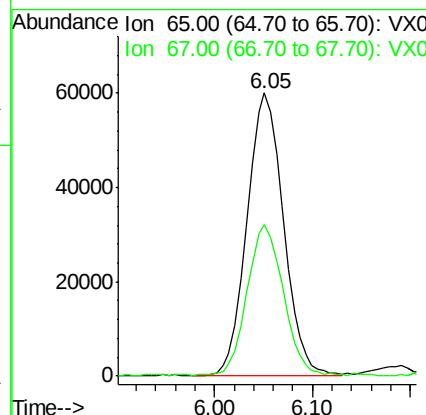
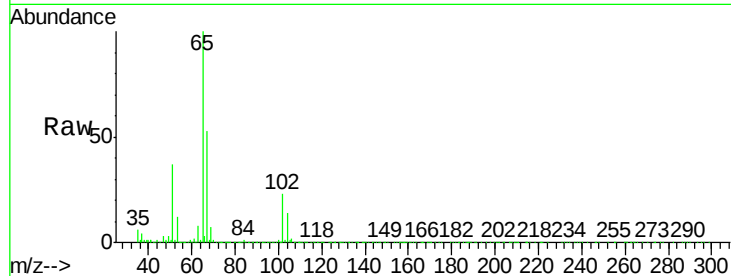
#27
 1,2-Dichloroethane-d4
 Concen: 31.131 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014694.D
 Acq: 24 Jan 2020 13:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0124WBSD01

Tot Ion: 65 Resp: 155098
 Ion Ratio Lower Upper
 65 100
 67 52.7 43.1 64.7

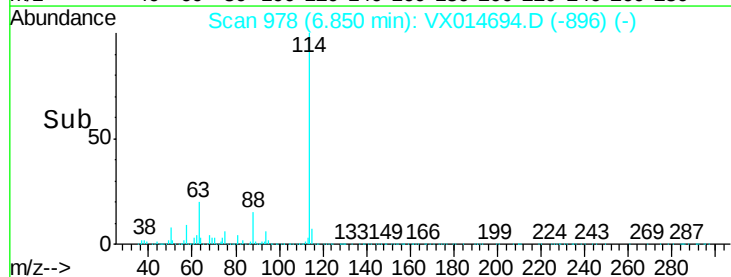
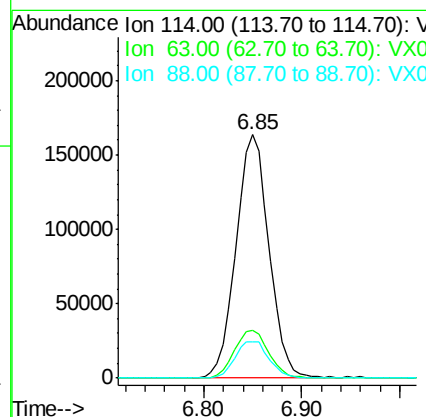
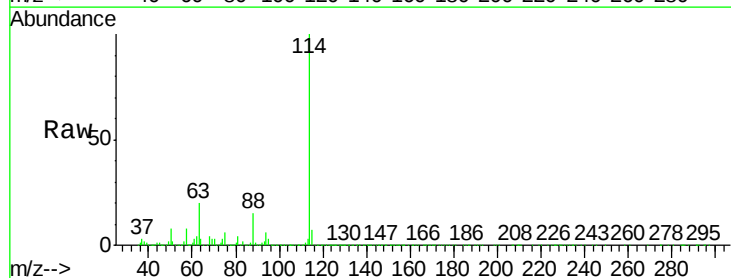
Manual Integrations
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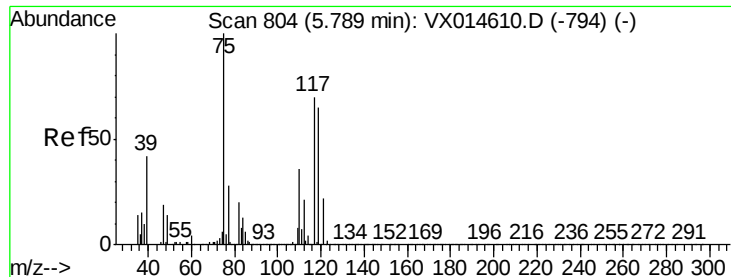
MMDadoda
 1/27/2020 10:35:26 AM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014694.D
 Acq: 24 Jan 2020 13:58

Tgt Ion: 114 Resp: 382401
 Ion Ratio Lower Upper
 114 100
 63 20.4 16.1 24.1
 88 15.1 12.5 18.7





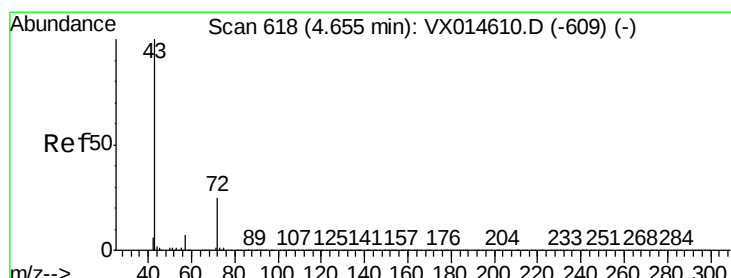
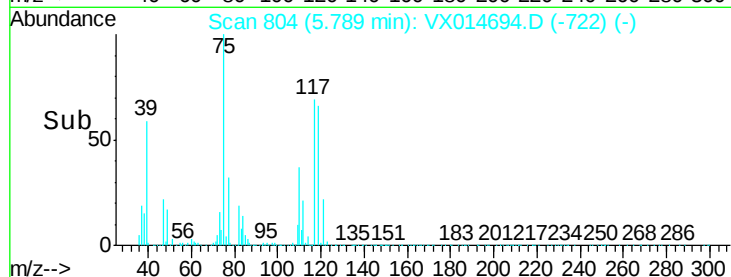
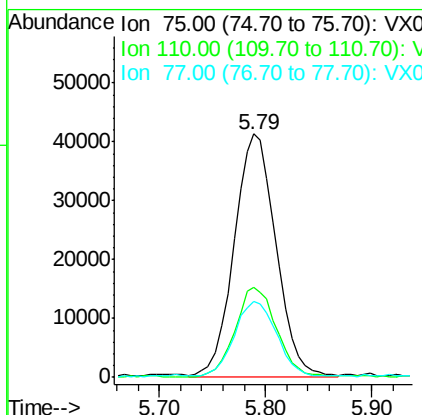
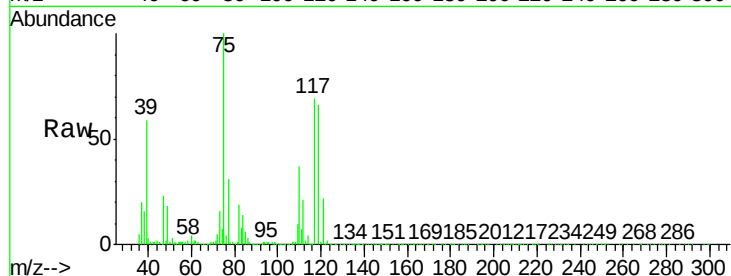
#29
 1,1-Dichloropropene
 Concen: 20.168 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX014694.D
 Acq: 24 Jan 2020 13:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0124WBSD01

Tot Ion	Ratio	Resp Lower	Upper
75	100		
110	36.4	0.0	73.8
77	31.5	0.0	62.4

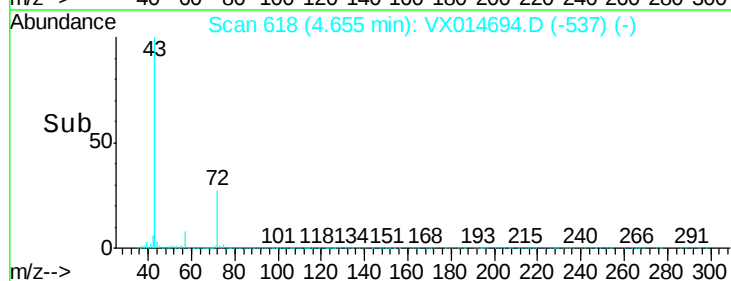
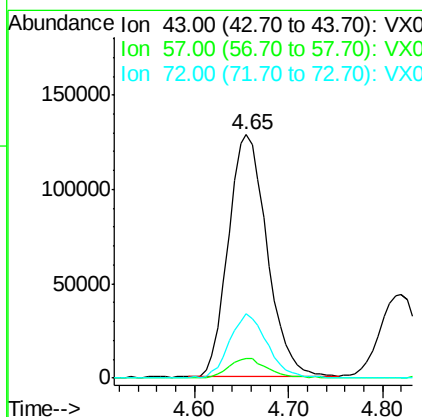
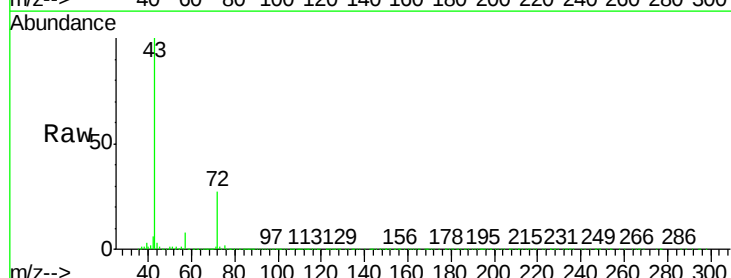
Manual Integrations
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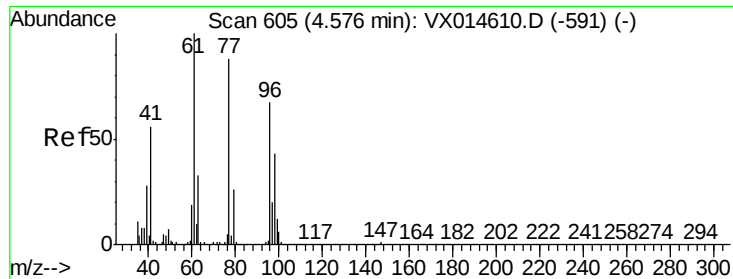
MMDadoda
 1/27/2020 10:35:26 AM



#30
 2-Butanone
 Concen: 103.763 ug/l
 RT: 4.65 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: VX014694.D
 Acq: 24 Jan 2020 13:58

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
57	7.9	6.2	9.2
72	25.2	20.3	30.5





#31

2,2-Dichloropropane

Concen: 19.954 ug/l m

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX014694.D

Acq: 24 Jan 2020 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0124WBSD01

Tot Ion: 77 Resp: 119740

Ion Ratio Lower Upper

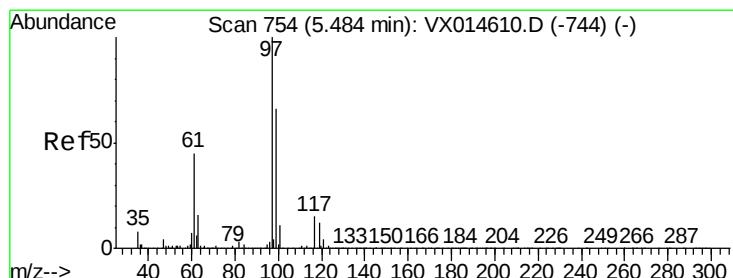
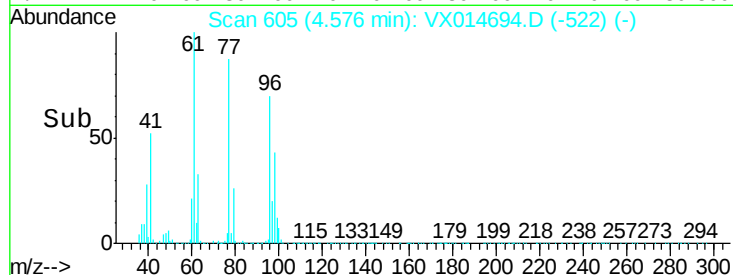
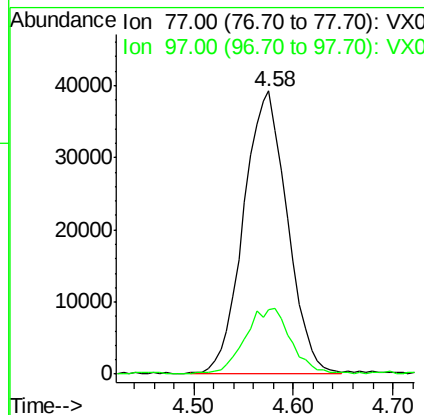
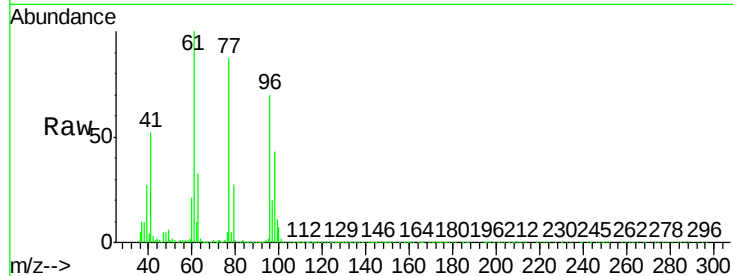
77 100

97 0.1 19.7 29.5#

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 20.339 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX014694.D

Acq: 24 Jan 2020 13:58

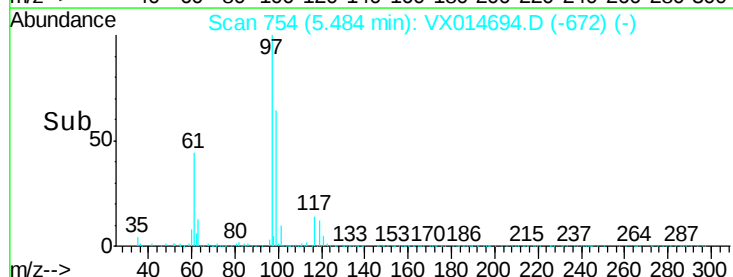
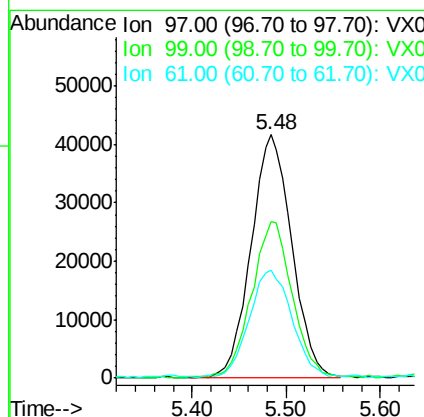
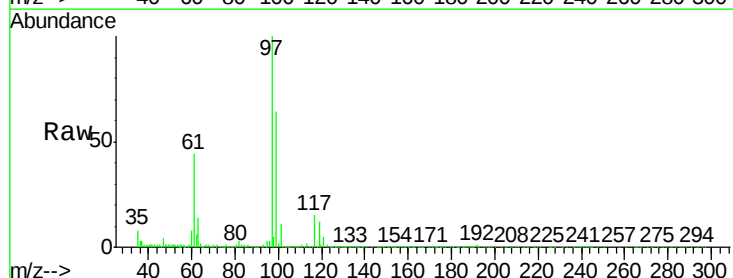
Tgt Ion: 97 Resp: 126193

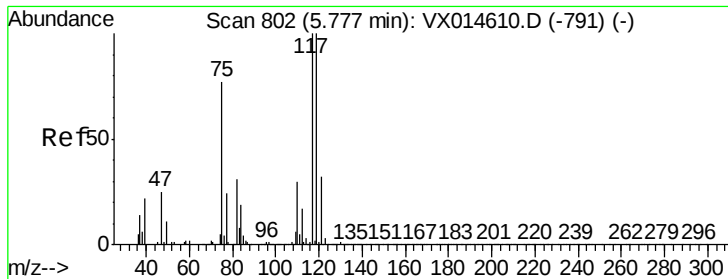
Ion Ratio Lower Upper

97 100

99 63.5 51.9 77.9

61 45.8 36.8 55.2





#33

Carbon Tetrachloride

Concen: 20.158 ug/l

RT: 5.78 min Scan# 802

Delta R.T. 0.00 min

Lab File: VX014694.D

Acq: 24 Jan 2020 13:58

Instrument :

MSVOA_X

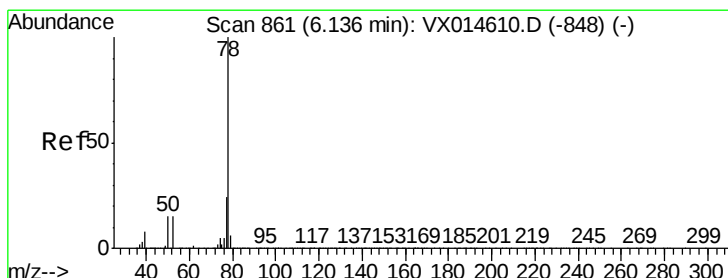
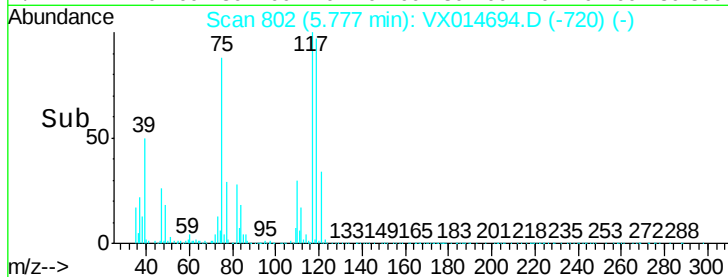
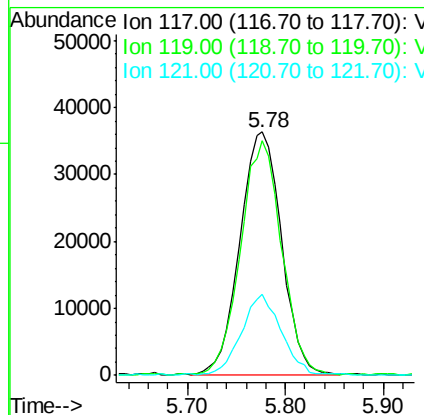
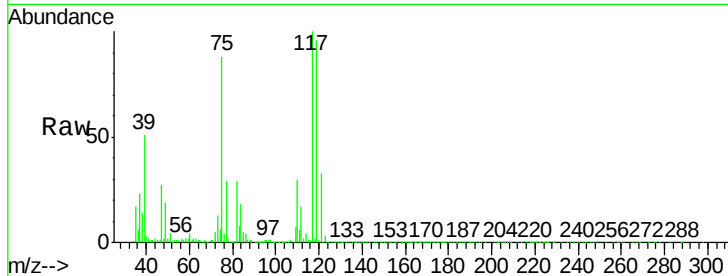
ClientSampleId :

VX0124WBSD01

Tot Ion:	117	Resp:	107375
Ion Ratio	Lower	Upper	
117	100		
119	96.3	77.2	115.8
121	33.1	24.8	37.2

Manual Integrations
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#34

Benzene

Concen: 20.294 ug/l

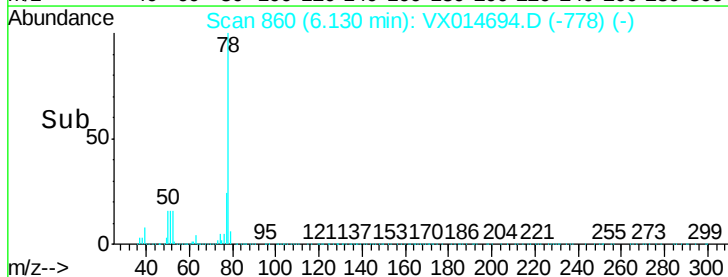
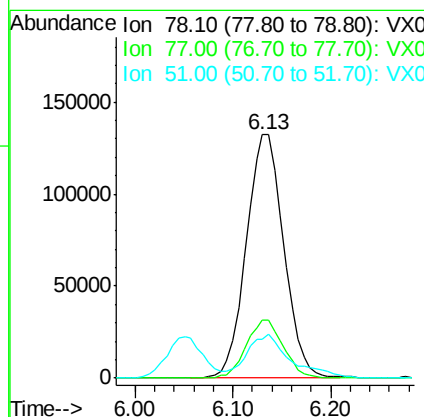
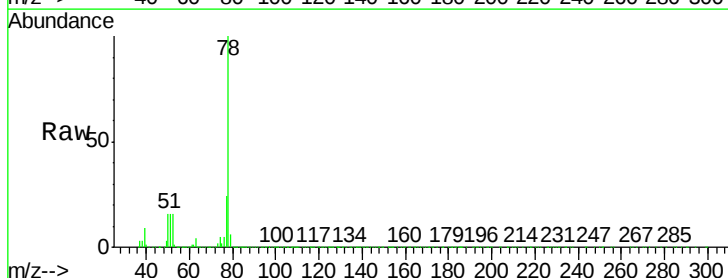
RT: 6.13 min Scan# 860

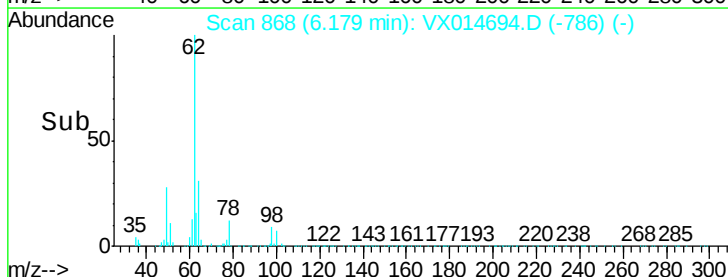
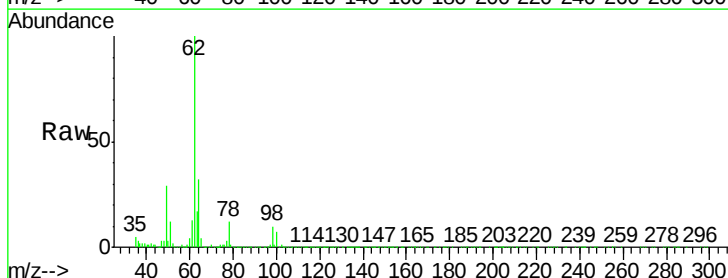
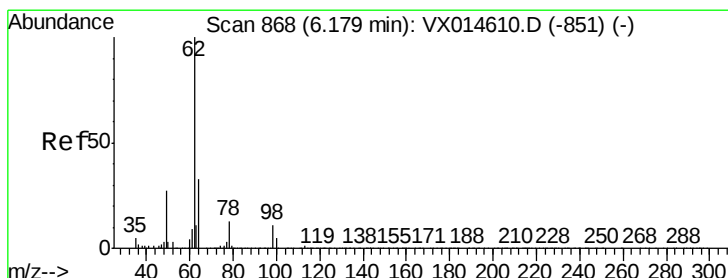
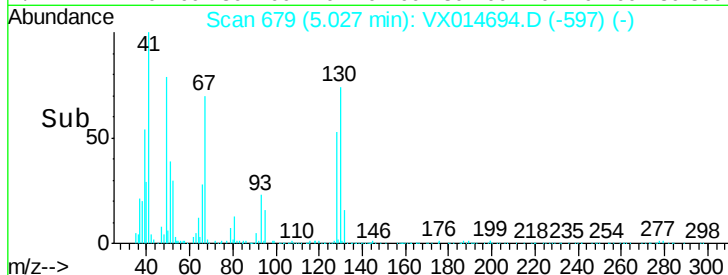
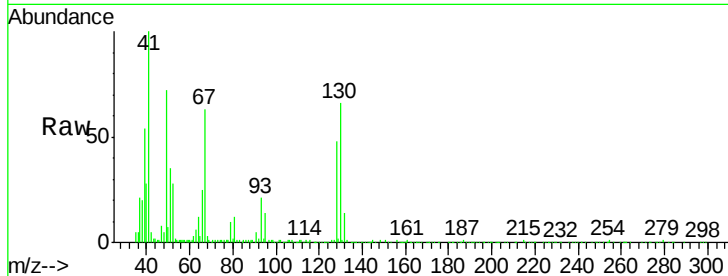
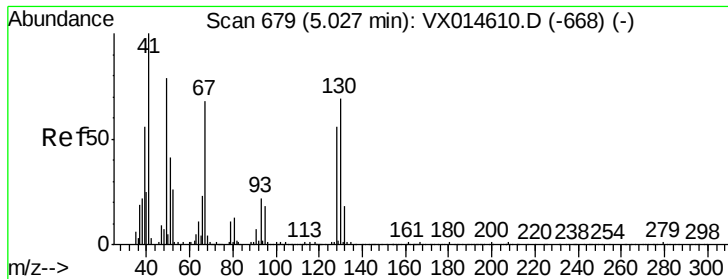
Delta R.T. 0.00 min

Lab File: VX014694.D

Acq: 24 Jan 2020 13:58

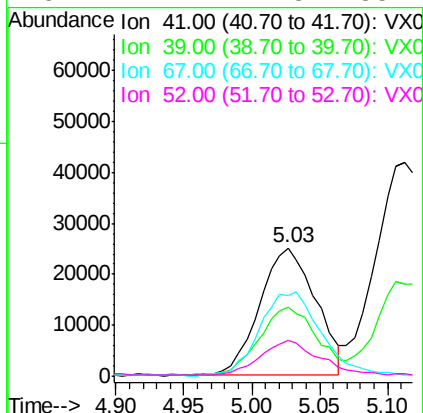
Tgt Ion:	78	Resp:	351695
Ion Ratio	Lower	Upper	
78	100		
77	23.9	18.2	27.2
51	15.1	12.4	18.6





#35
Methacrylonitrile
Concen: 20.229 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX014694.D
Acq: 24 Jan 2020 13:58

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.4	26.7	80.1	
67	63.4	31.5	94.5	
52	27.2	12.8	38.4	



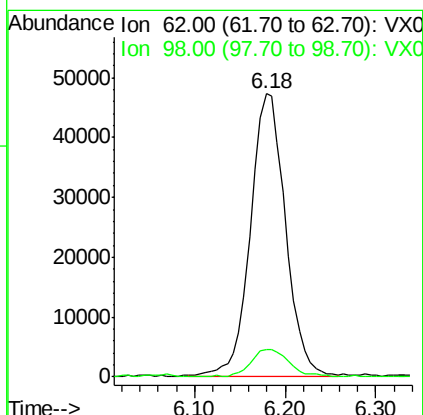
Instrument :
MSVOA_X
ClientSampleId :
VX0124WBSD01

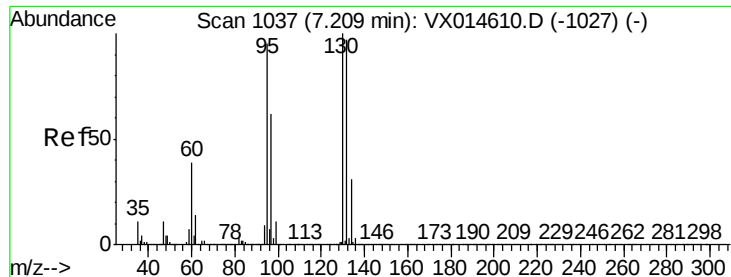
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#36
1,2-Dichloroethane
Concen: 20.944 ug/l
RT: 6.18 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX014694.D
Acq: 24 Jan 2020 13:58

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.5	8.4	12.6	





#37

Trichloroethene

Concen: 20.504 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX014694.D

Acq: 24 Jan 2020 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0124WBSD01

Tot Ion:130 Resp: 97293

Ion Ratio Lower Upper

130 100

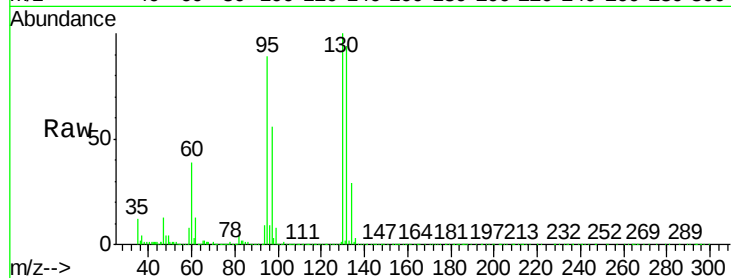
95 88.9 71.7 107.5

Manual Integrations

APPROVED

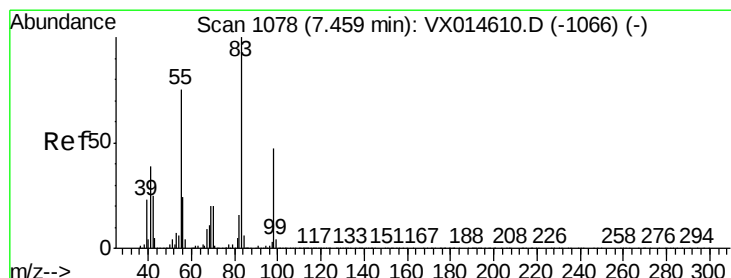
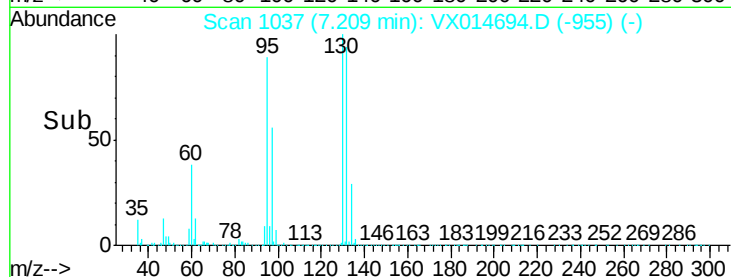
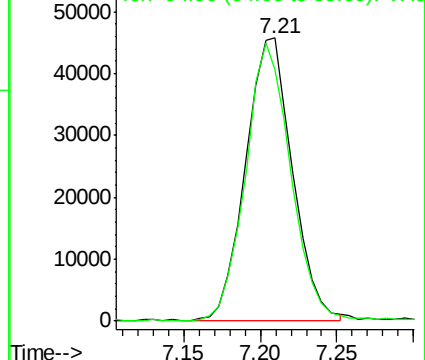
MMDadoda

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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 20.116 ug/l

RT: 7.45 min Scan# 1077

Delta R.T. -0.01 min

Lab File: VX014694.D

Acq: 24 Jan 2020 13:58

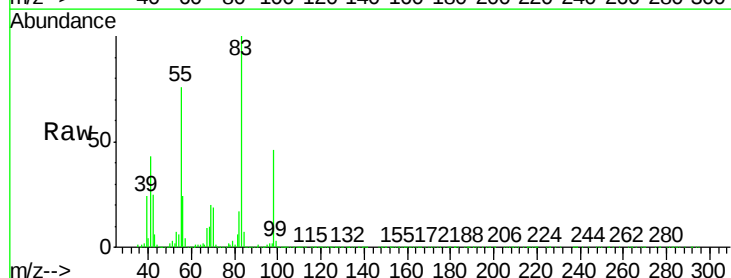
Tgt Ion: 83 Resp: 140464

Ion Ratio Lower Upper

83 100

55 77.3 39.4 118.1

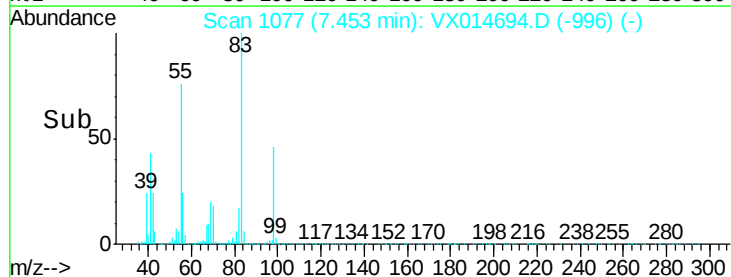
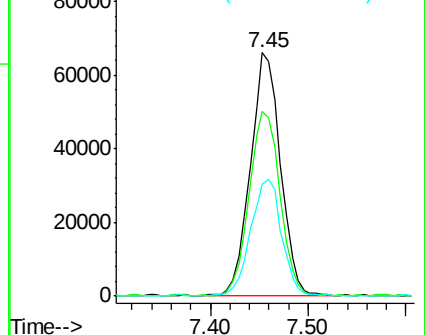
98 49.5 25.1 75.3

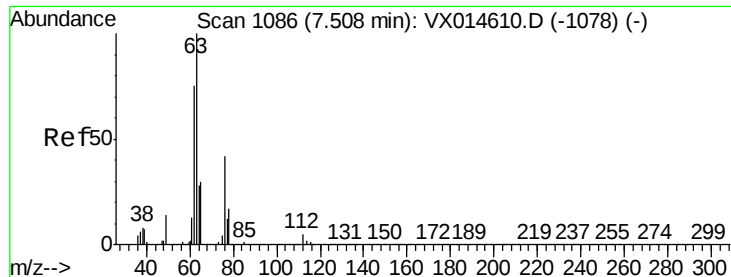


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





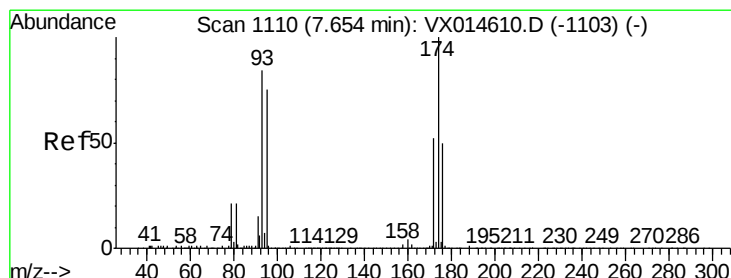
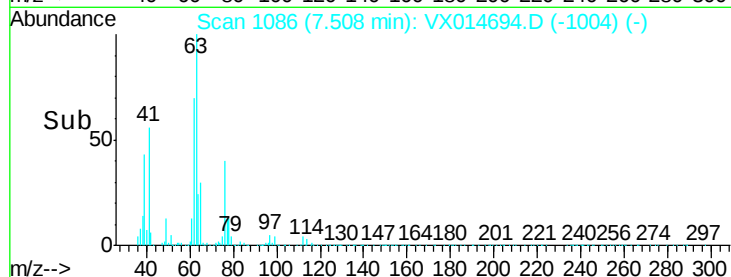
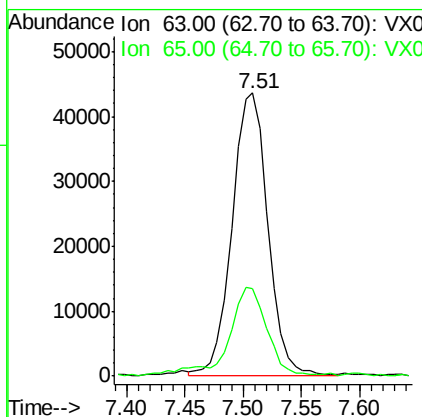
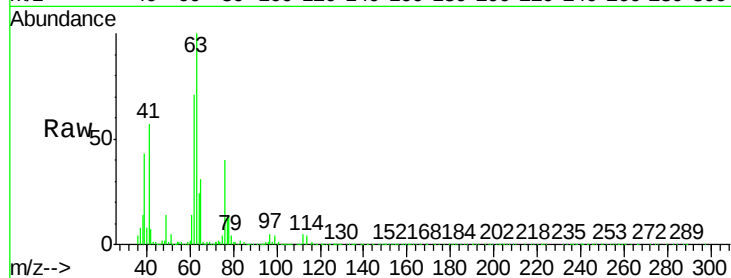
#39
 1,2-Dichloropropane
 Concen: 20.543 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX014694.D
 Acq: 24 Jan 2020 13:58

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0124WBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.6	22.1	33.1

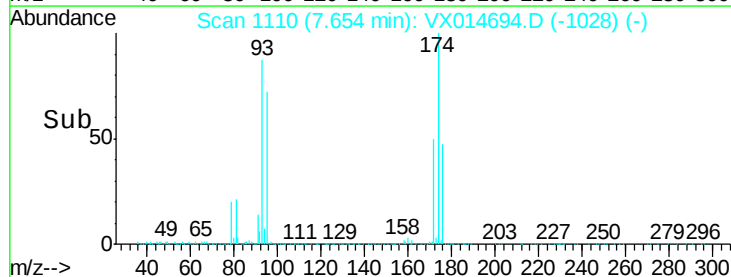
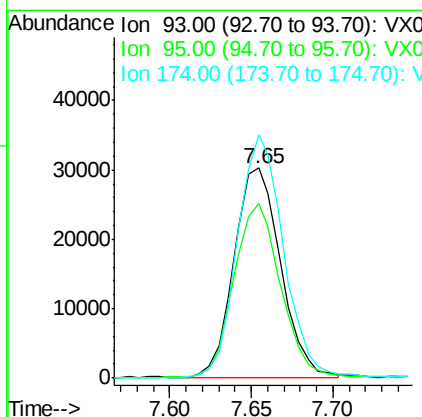
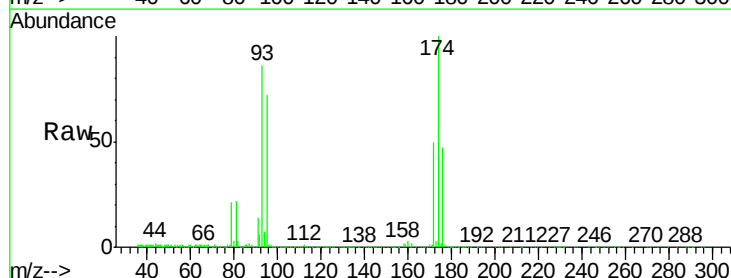
Manual Integrations
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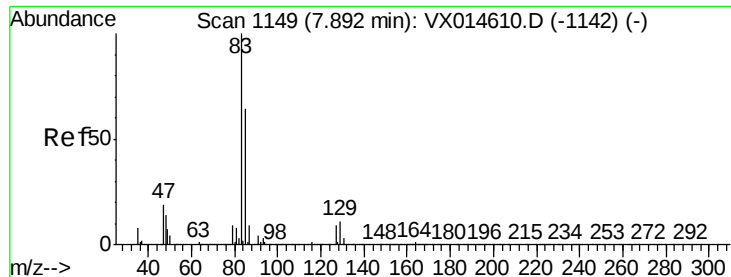
MMDadoda
 1/27/2020 10:35:26 AM



#40
 Dibromomethane
 Concen: 20.921 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014694.D
 Acq: 24 Jan 2020 13:58

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.9	0.0	164.4
174	113.8	0.0	228.8





#41

Bromodichloromethane

Concen: 20.363 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014694.D

Acq: 24 Jan 2020 13:58

Instrument :

MSVOA_X

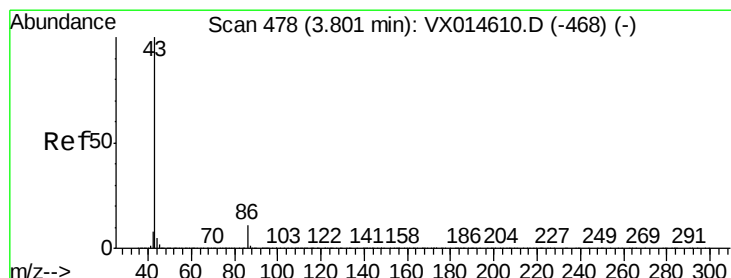
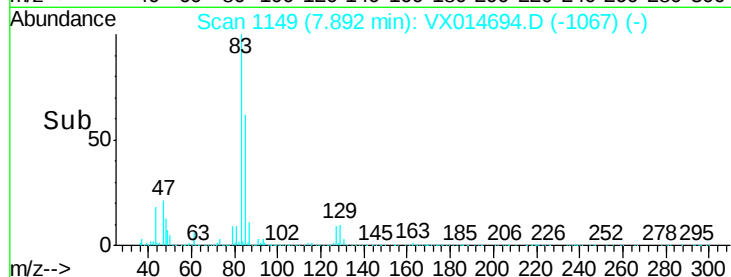
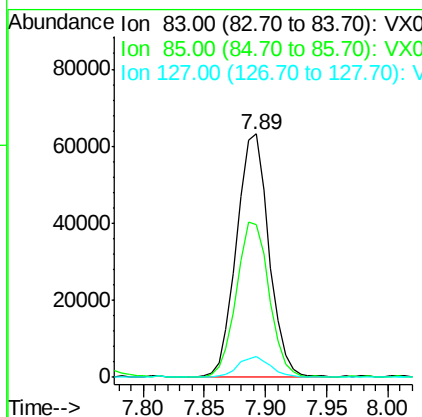
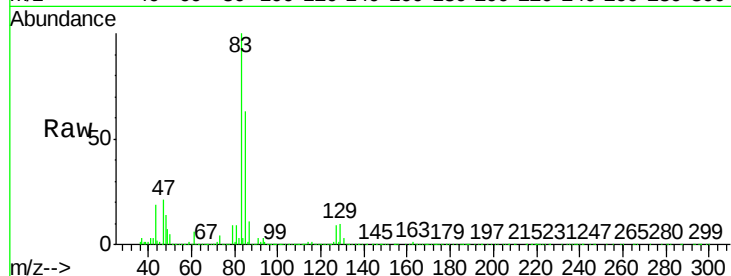
ClientSampleId :

VX0124WBSD01

Tot Ion:	83	Resp:	115490
Ion Ratio	Lower	Upper	
83	100		
85	62.4	51.6	77.4
127	8.7	6.0	9.0

Manual Integrations
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1/27/2020 10:35:26 AM



#42

Vinyl Acetate

Concen: 94.973 ug/l

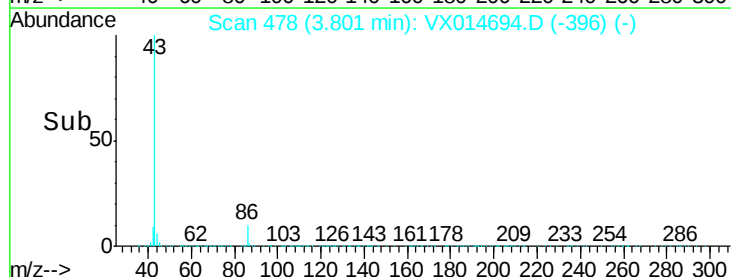
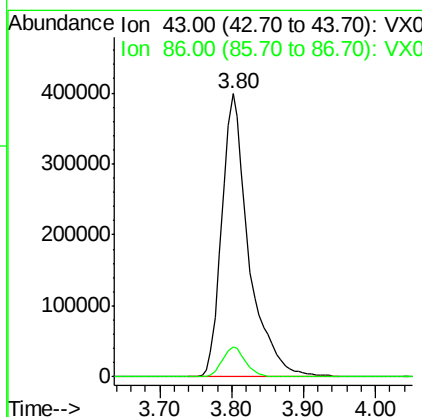
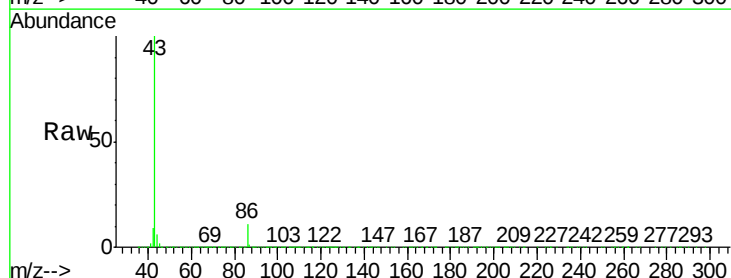
RT: 3.80 min Scan# 478

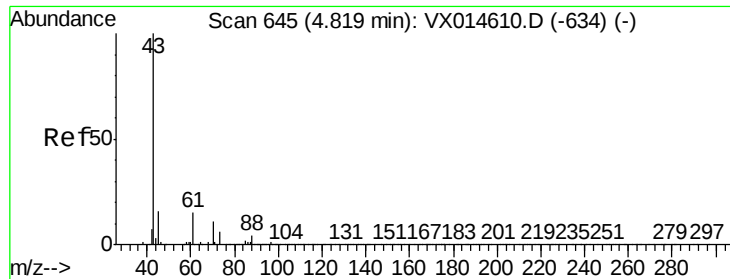
Delta R.T. 0.00 min

Lab File: VX014694.D

Acq: 24 Jan 2020 13:58

Tgt Ion:	43	Resp:	1039935
Ion Ratio	Lower	Upper	
43	100		
86	9.1	7.7	11.5





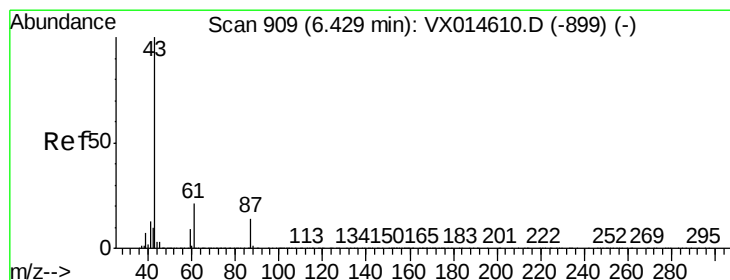
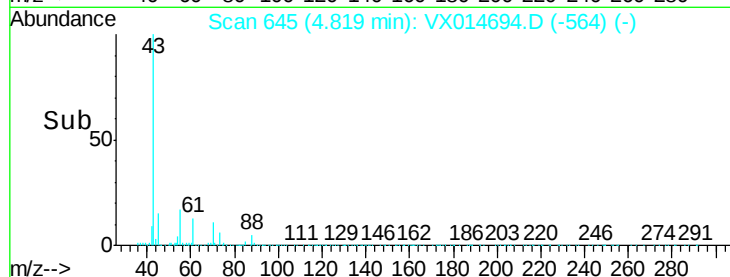
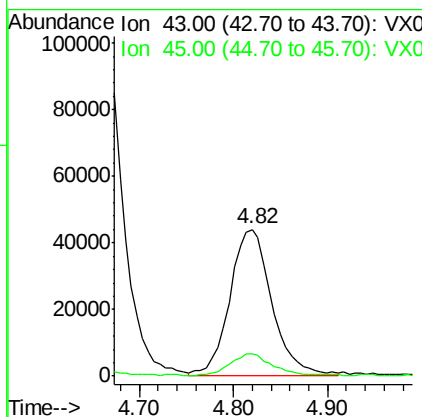
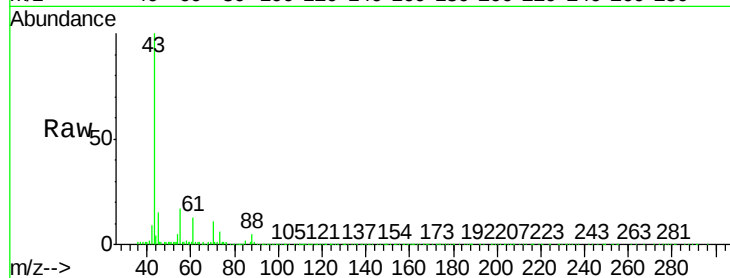
#43
Ethyl Acetate
Concen: 21.050 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.01 min
Lab File: VX014694.D
Acq: 24 Jan 2020 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0124WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
45	15.1	11.8	17.8

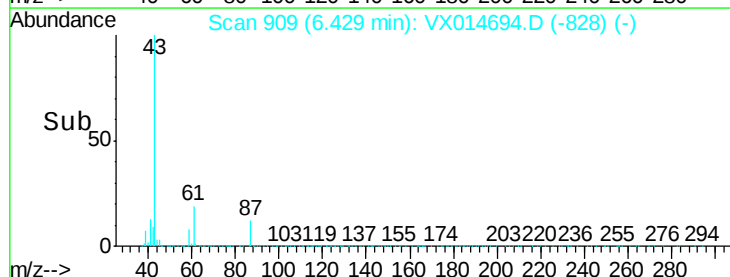
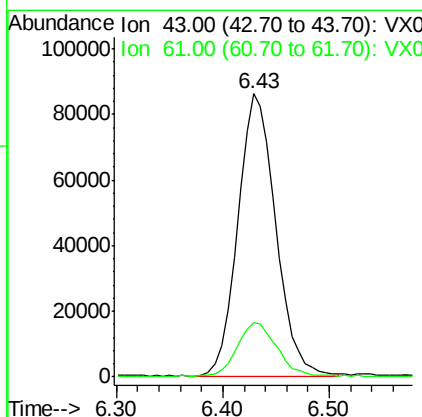
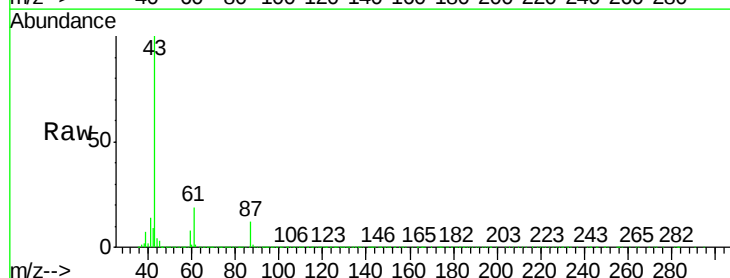
Manual Integrations
APPROVED

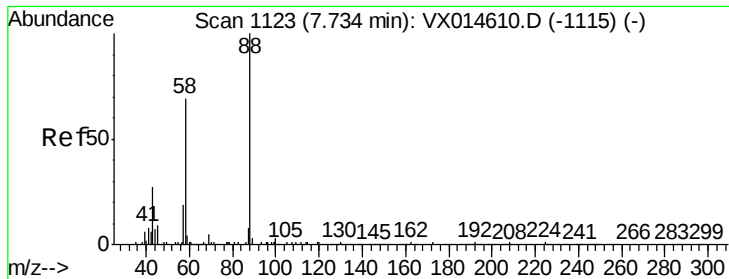
MMDadoda
1/27/2020 10:35:26 AM



#44
Isopropyl Acetate
Concen: 20.663 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: VX014694.D
Acq: 24 Jan 2020 13:58

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.4	15.9	23.9





#45

1,4-Dioxane

Concen: 440.249 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX014694.D

Acq: 24 Jan 2020 13:58

Instrument :

MSVOA_X

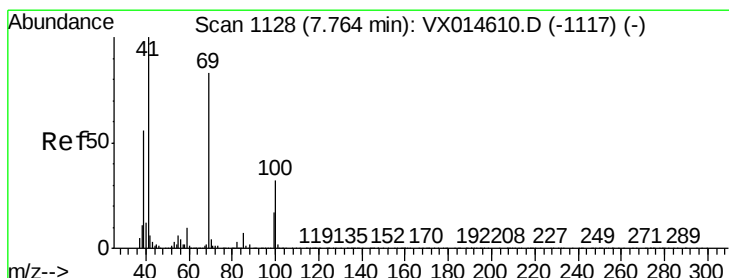
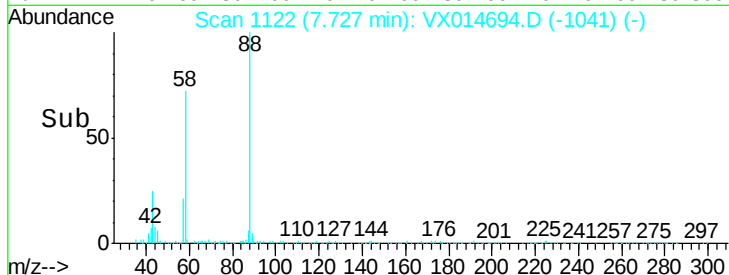
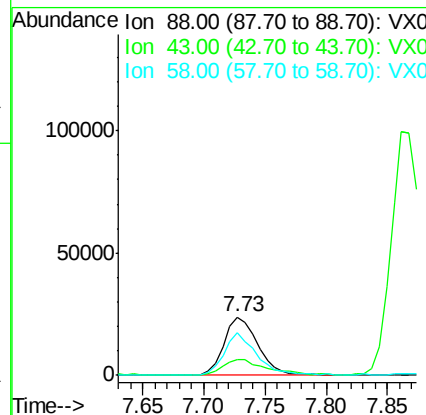
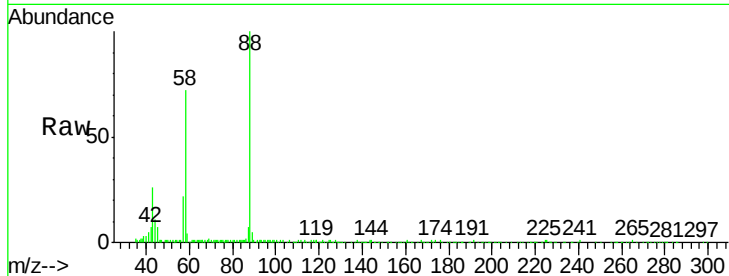
ClientSampleId :

VX0124WBSD01

Tot Ion:	88	Resp:	45688
Ion	Ratio	Lower	Upper
88	100		
43	32.9	25.4	38.2
58	71.2	56.5	84.7

Manual Integrations
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1/27/2020 10:35:26 AM



#46

Methyl methacrylate

Concen: 20.559 ug/l

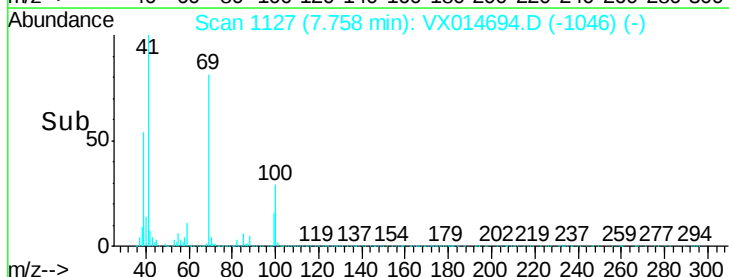
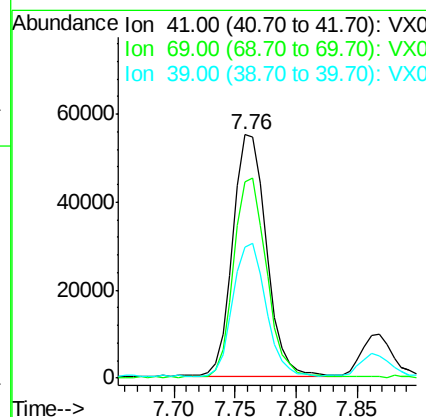
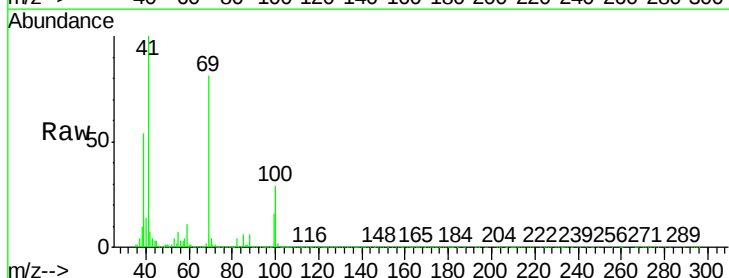
RT: 7.76 min Scan# 1127

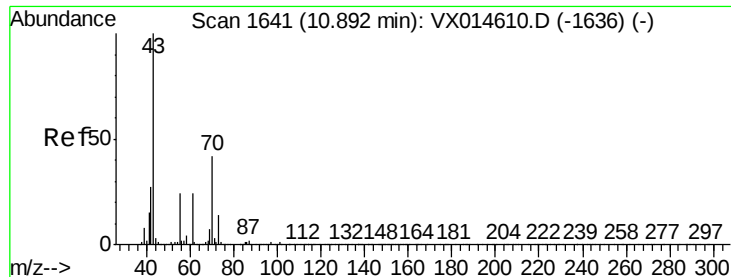
Delta R.T. -0.01 min

Lab File: VX014694.D

Acq: 24 Jan 2020 13:58

Tgt Ion:	41	Resp:	104888
Ion	Ratio	Lower	Upper
41	100		
69	81.0	40.6	122.0
39	53.4	27.8	83.3





#47

n-amvl Acetate

Concen: 20.012 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014694.D

Acq: 24 Jan 2020 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0124WBSD01

Tot Ion: 43 Resp: 173966

Ion Ratio Lower Upper

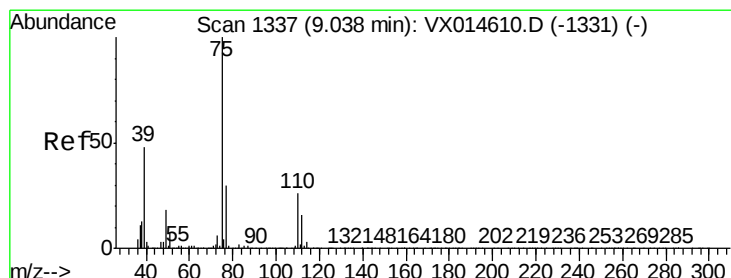
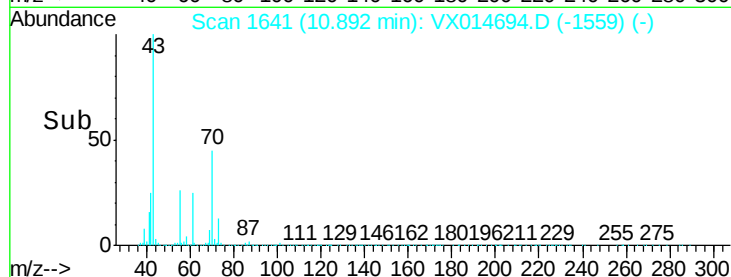
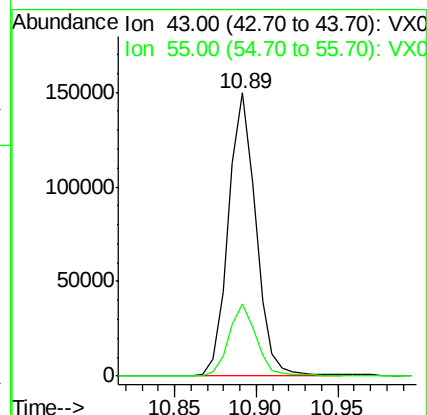
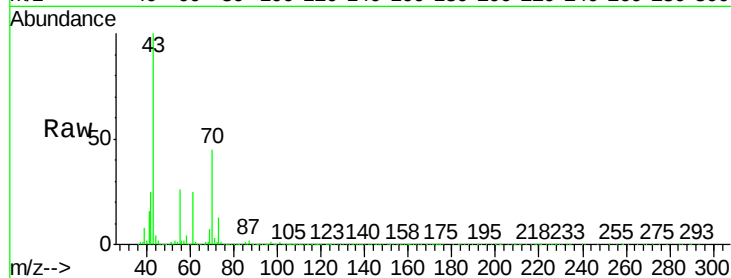
43 100

55 25.8 19.4 29.2

Manual Integrations
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MMDadoda

1/27/2020 10:35:26 AM



#48

t-1,3-Dichloropropene

Concen: 20.436 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014694.D

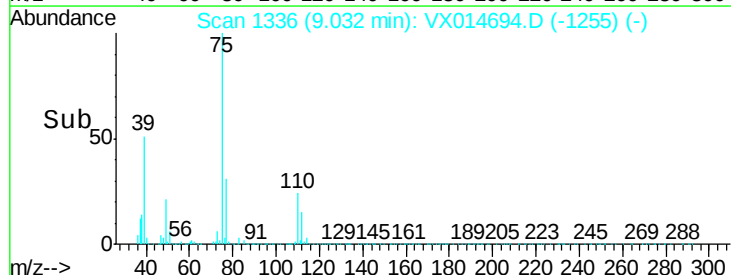
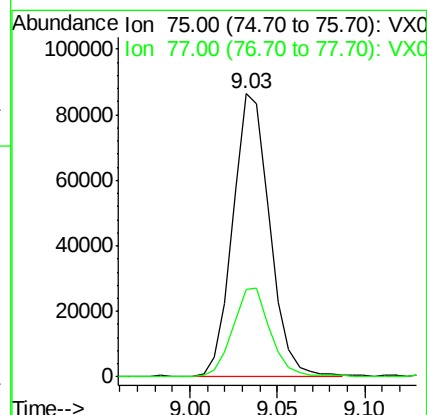
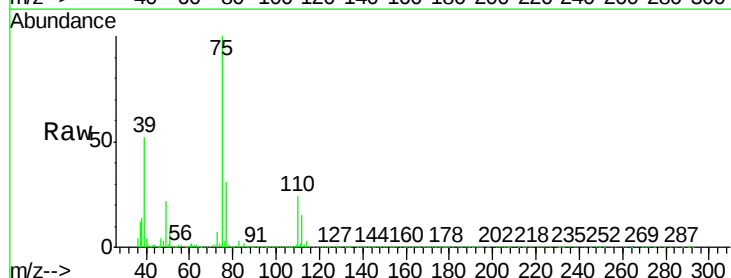
Acq: 24 Jan 2020 13:58

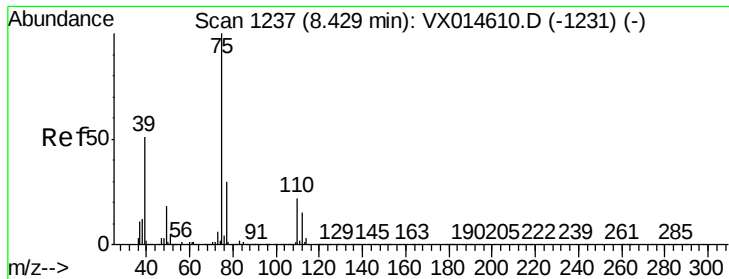
Tgt Ion: 75 Resp: 126536

Ion Ratio Lower Upper

75 100

77 30.9 26.0 39.0





#49

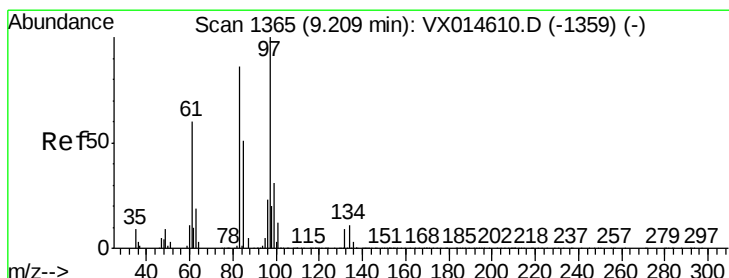
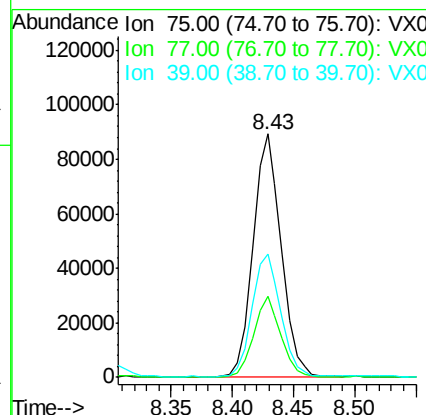
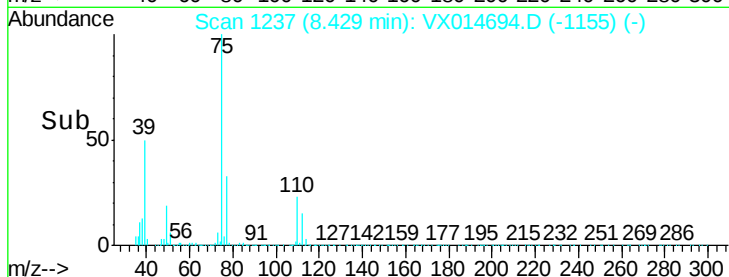
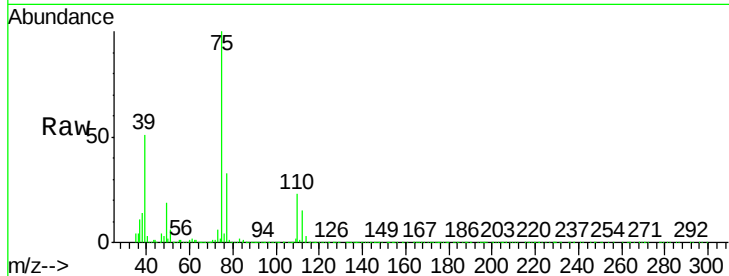
cis-1,3-Dichloropropene
Concen: 20.455 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014694.D
Acq: 24 Jan 2020 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0124WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	33.1	24.8	37.2
39	49.9	41.1	61.7

Manual Integrations
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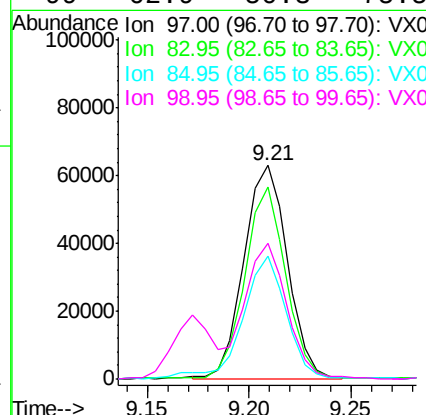
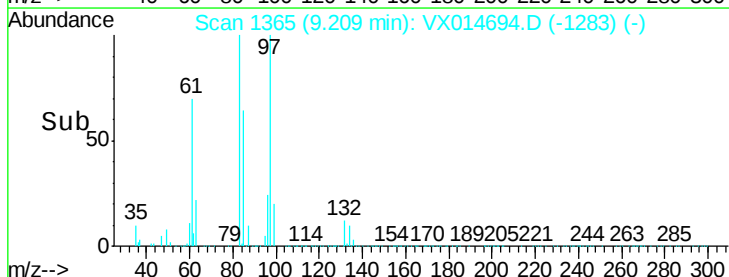
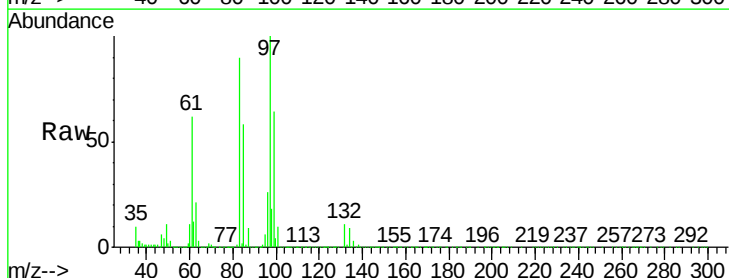
MMDadoda
1/27/2020 10:35:26 AM

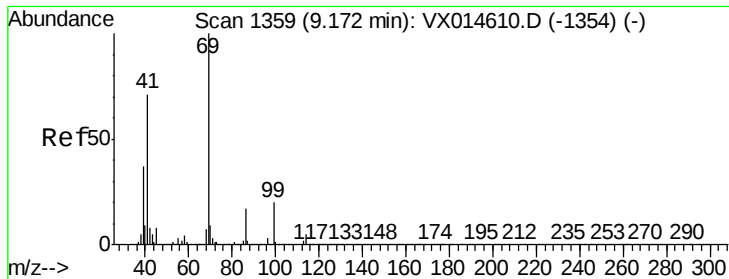


#50

1,1,2-Trichloroethane
Concen: 21.251 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. 0.00 min
Lab File: VX014694.D
Acq: 24 Jan 2020 13:58

Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.8	68.1	102.1
85	57.3	42.7	64.1
99	62.9	50.3	75.5





#51

Ethyl methacrylate

Concen: 20.294 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX014694.D

Acq: 24 Jan 2020 13:58

Instrument :

MSVOA_X

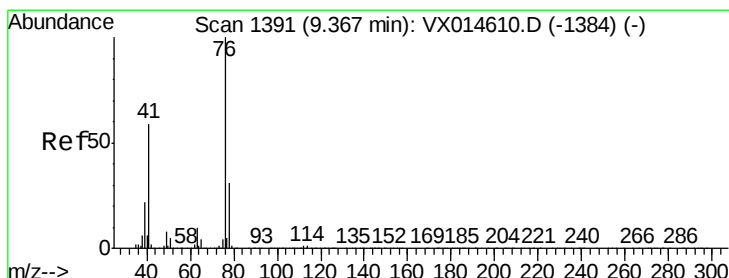
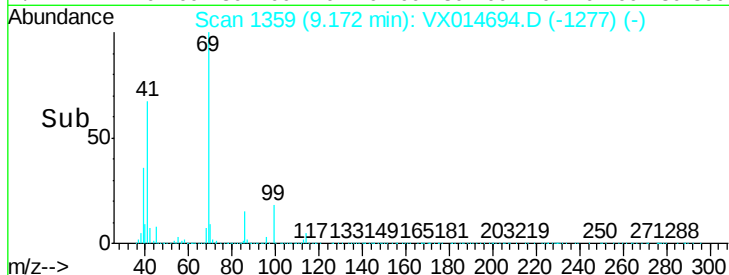
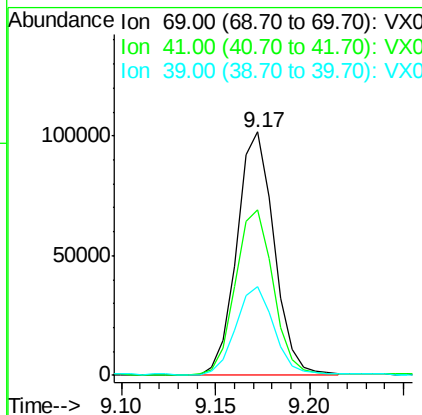
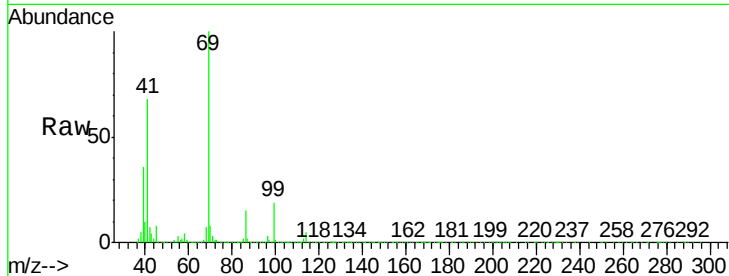
ClientSampled :

VX0124WBSD01

Tot Ion:	69	Resp:	139251
Ion Ratio	Lower	Upper	
69	100		
41	67.8	35.4	106.1
39	35.9	17.8	53.3

Manual Integrations
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1/27/2020 10:35:26 AM



#52

1,3-Dichloropropane

Concen: 21.078 ug/l

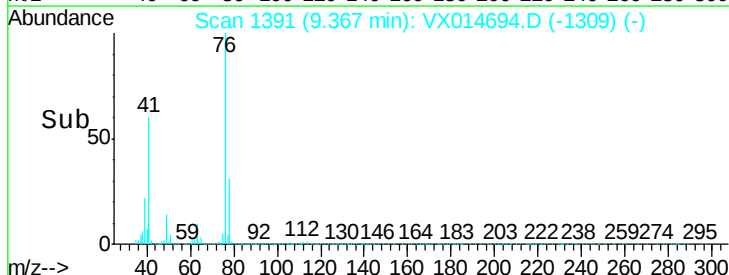
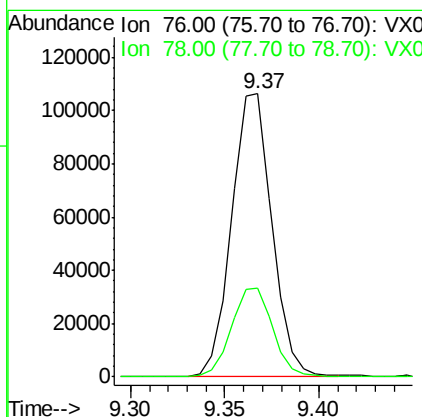
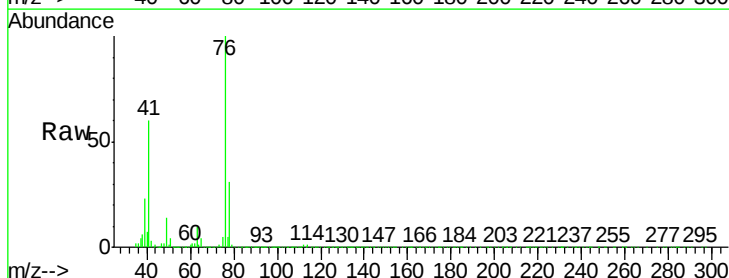
RT: 9.37 min Scan# 1391

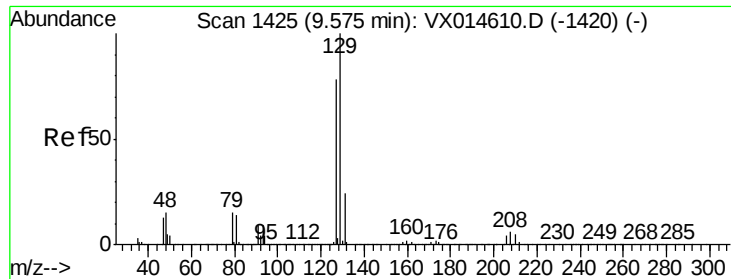
Delta R.T. 0.00 min

Lab File: VX014694.D

Acq: 24 Jan 2020 13:58

Tgt Ion:	76	Resp:	157384
Ion Ratio	Lower	Upper	
76	100		
78	31.8	0.0	63.4





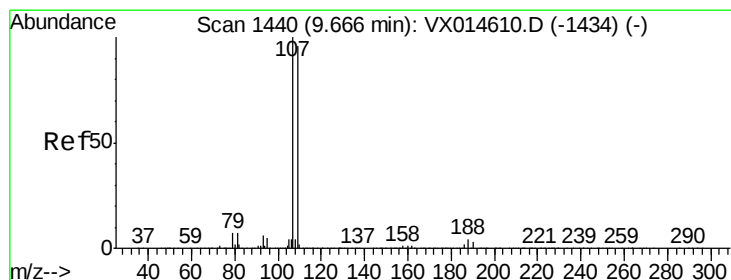
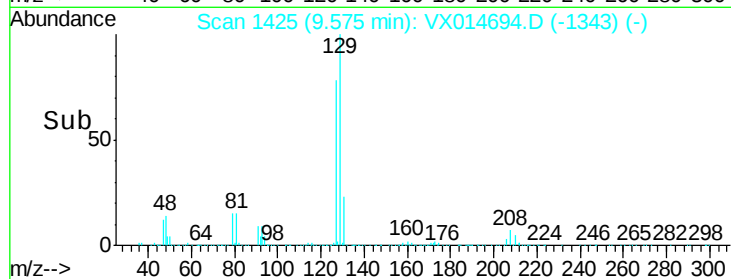
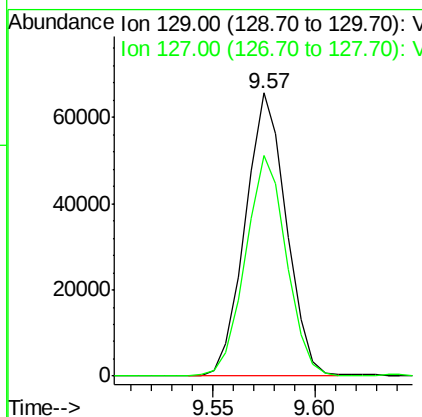
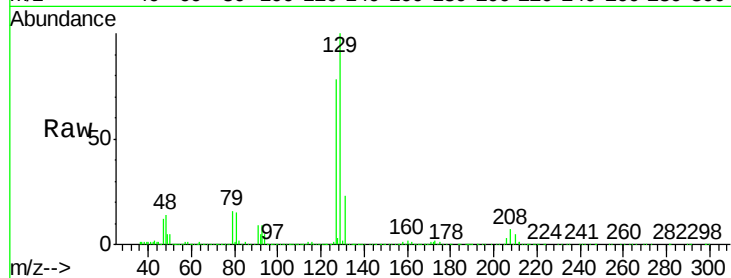
#53
Dibromochloromethane
Concen: 20.390 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX014694.D
Acq: 24 Jan 2020 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0124WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
129	100			
127	78.1	39.1	117.5	

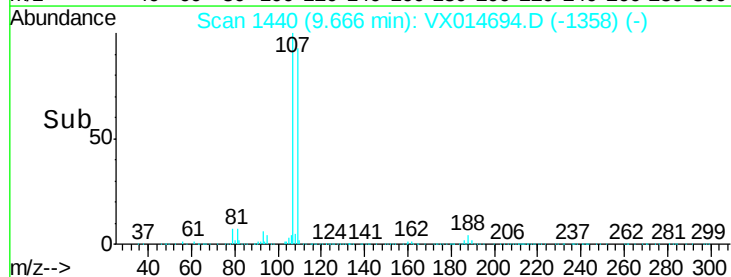
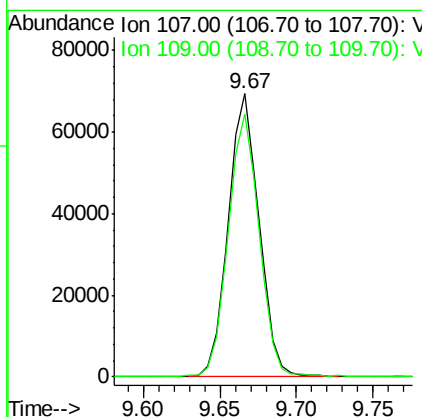
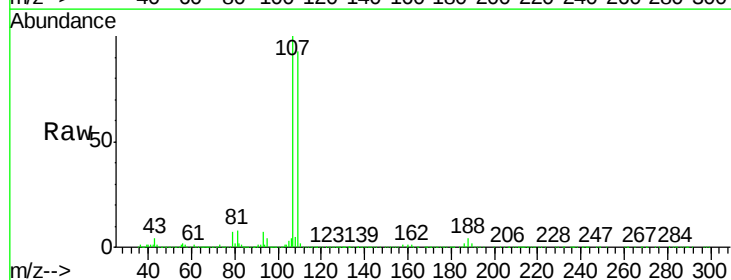
Manual Integrations
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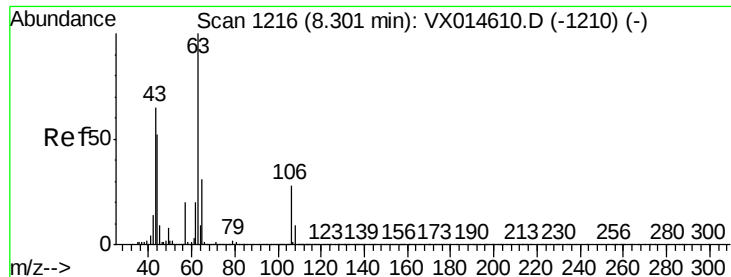
MMDadoda
1/27/2020 10:35:26 AM



#54
1,2-Dibromoethane
Concen: 21.165 ug/l
RT: 9.67 min Scan# 1440
Delta R.T. 0.00 min
Lab File: VX014694.D
Acq: 24 Jan 2020 13:58

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
109	93.4	77.2	115.8	





#55

2-Chloroethyl vinyl ether

Concen: 96.842 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014694.D

Acq: 24 Jan 2020 13:58

Instrument :

MSVOA_X

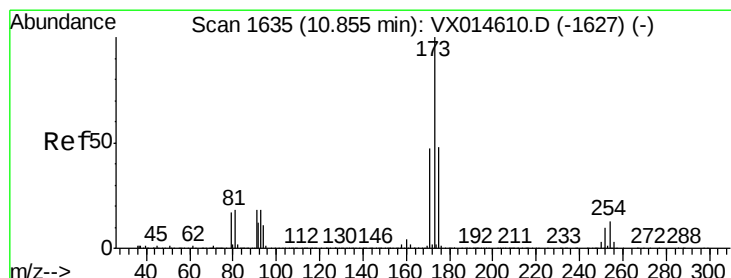
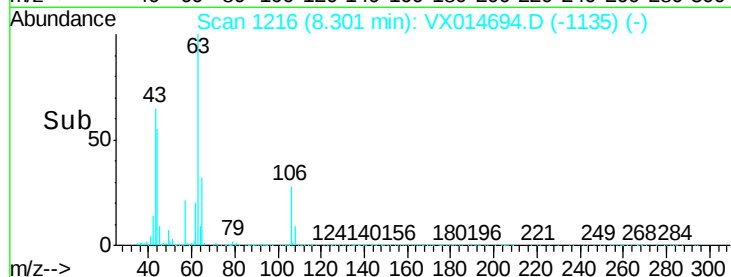
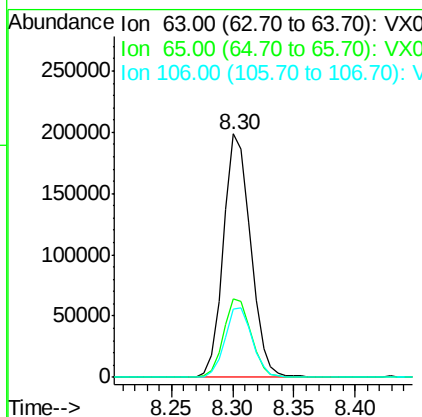
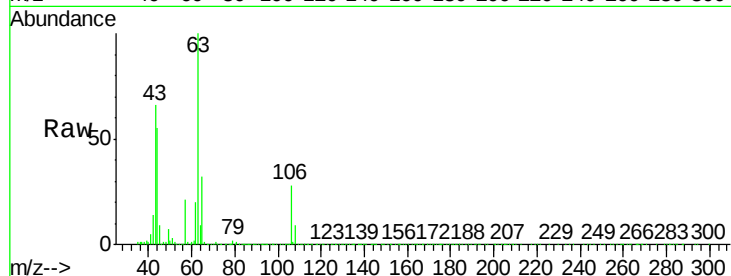
ClientSampleID :

VX0124WBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.4	25.8	38.6
106	28.9	22.9	34.3

Manual Integrations
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1/27/2020 10:35:26 AM



#56

Bromoform

Concen: 19.788 ug/l

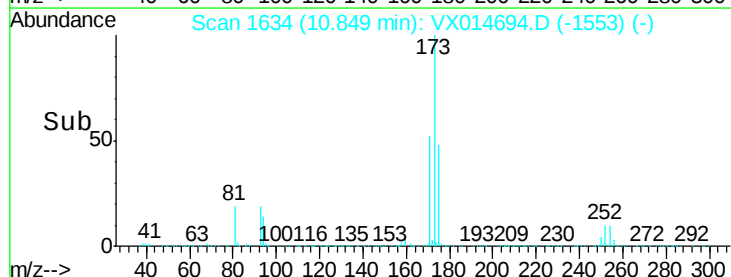
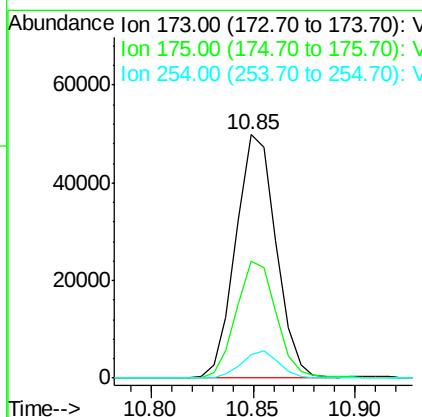
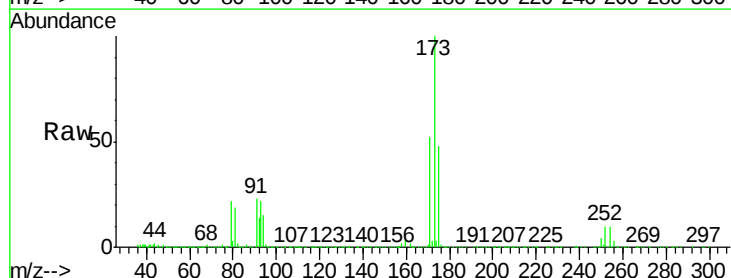
RT: 10.85 min Scan# 1634

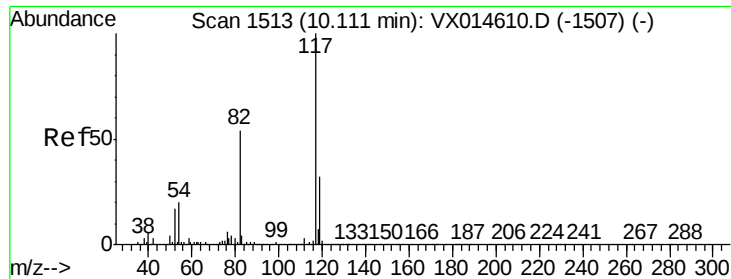
Delta R.T. -0.01 min

Lab File: VX014694.D

Acq: 24 Jan 2020 13:58

Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.2	39.5	59.3
254	10.3	8.2	12.4





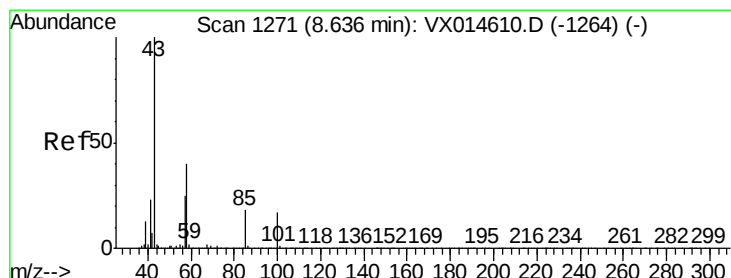
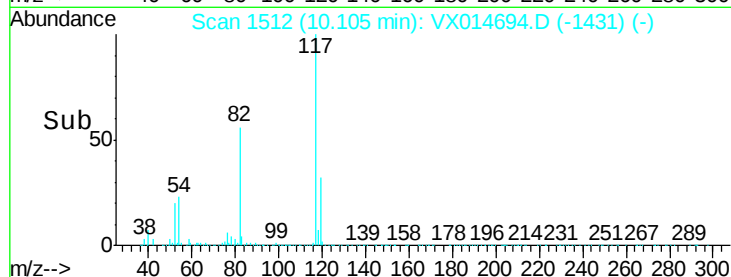
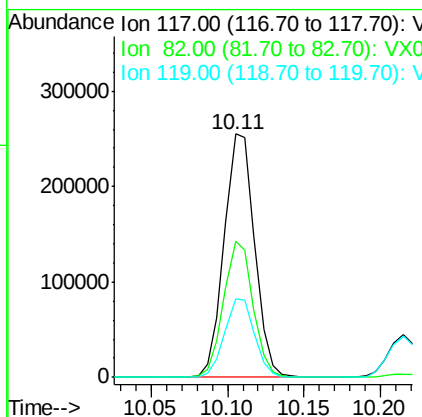
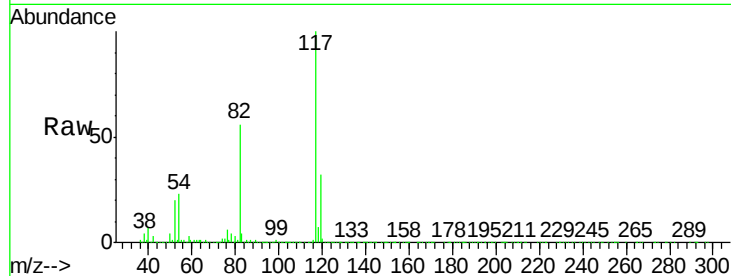
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014694.D
Acq: 24 Jan 2020 13:58

Instrument :
MSVOA_X
ClientSampled :
VX0124WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.1	43.8	65.6
119	31.6	25.8	38.6

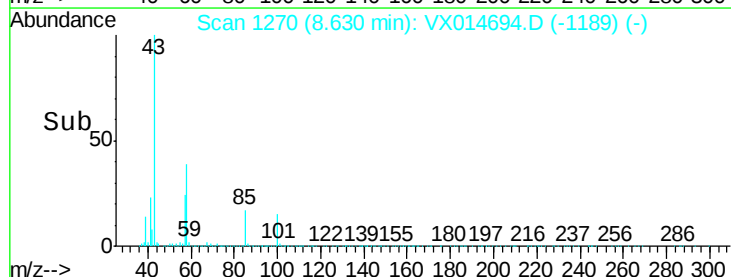
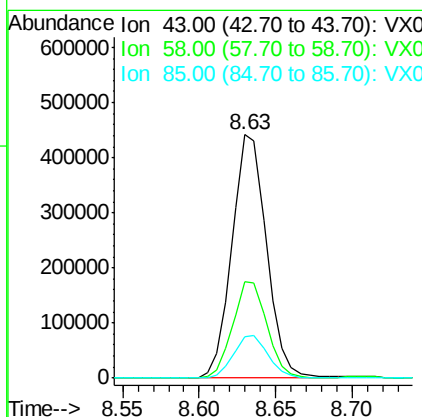
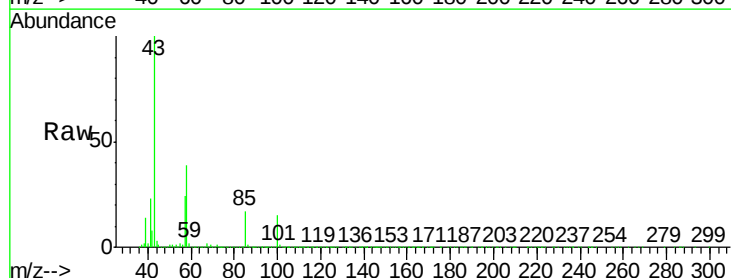
Manual Integrations
APPROVED

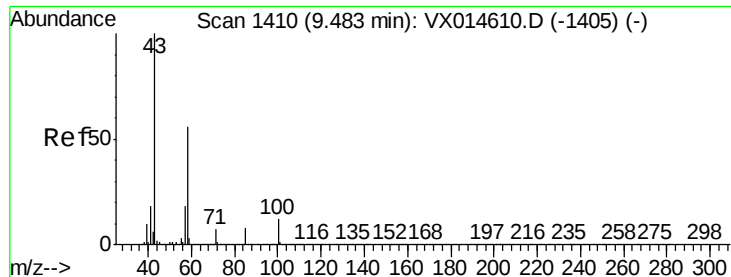
MMDadoda
1/27/2020 10:35:26 AM



#58
4-Methyl-2-Pentanone
Concen: 104.123 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX014694.D
Acq: 24 Jan 2020 13:58

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.6	31.2	46.8
85	17.5	14.2	21.2





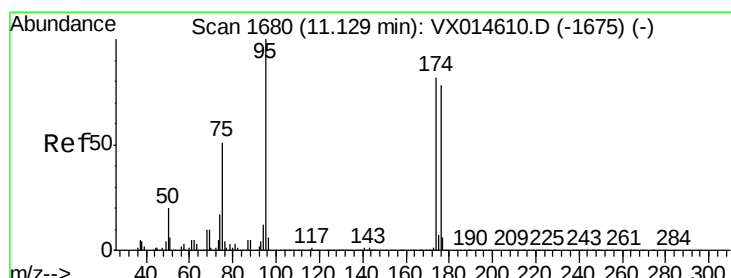
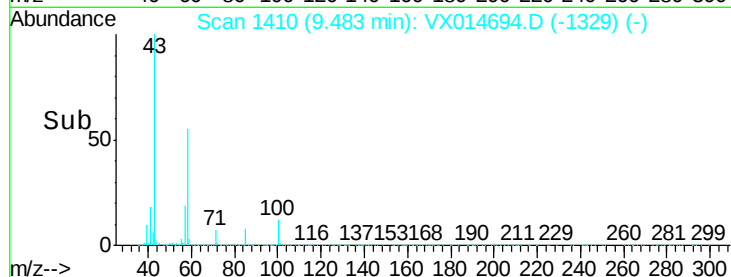
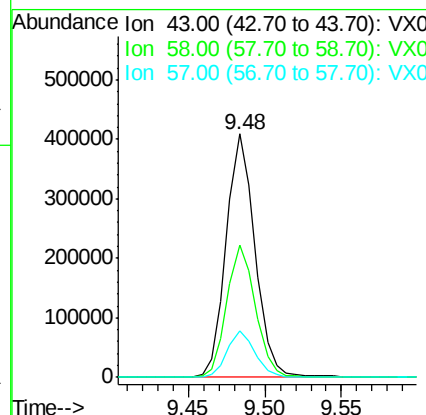
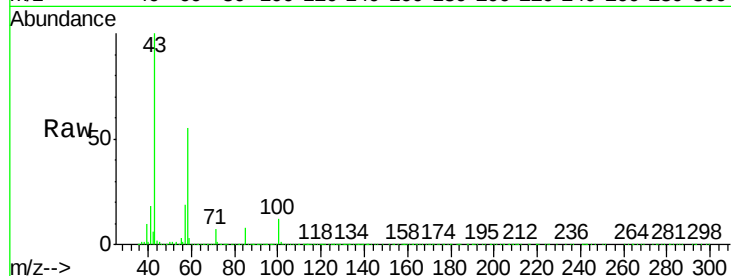
#59
2-Hexanone
Concen: 103.715 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014694.D
Acq: 24 Jan 2020 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0124WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.4	43.8	65.6
57	18.5	15.4	23.0

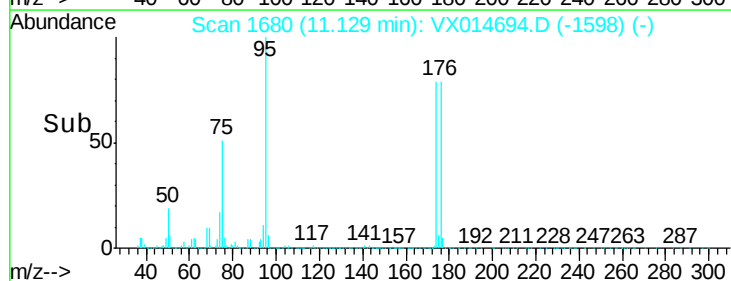
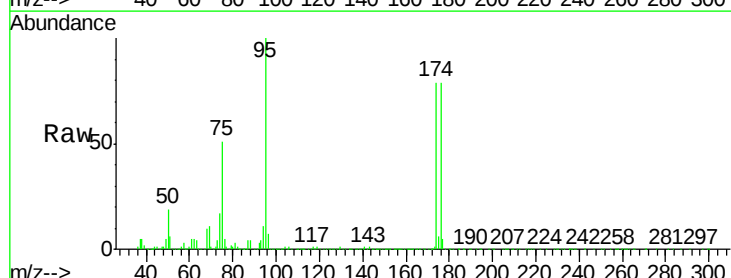
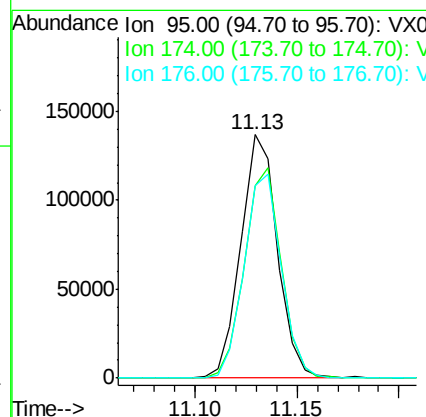
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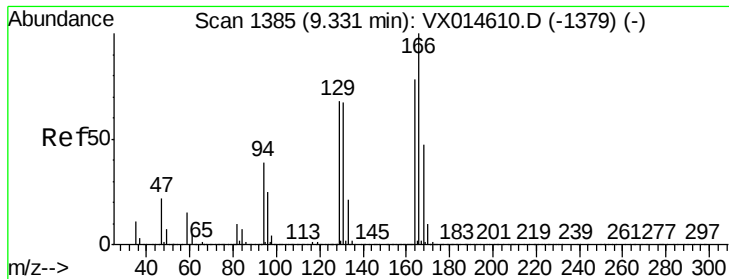
MMDadoda
1/27/2020 10:35:26 AM



#60
4-Bromofluorobenzene
Concen: 30.129 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX014694.D
Acq: 24 Jan 2020 13:58

Tgt Ion	Ratio	Lower	Upper
95	100		
174	87.2	70.2	105.2
176	85.2	68.3	102.5





#61

Tetrachloroethene

Concen: 23.717 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX014694.D

Acq: 24 Jan 2020 13:58

Instrument :

MSVOA_X

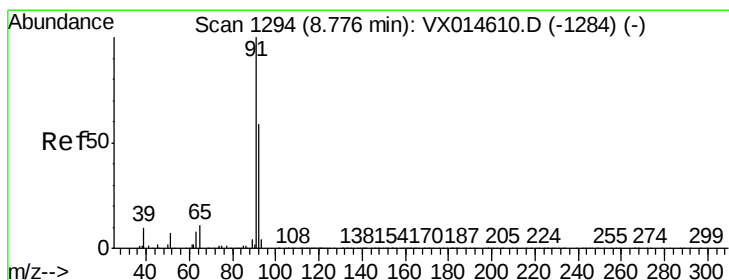
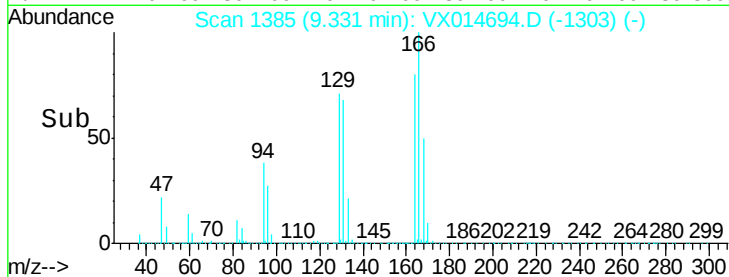
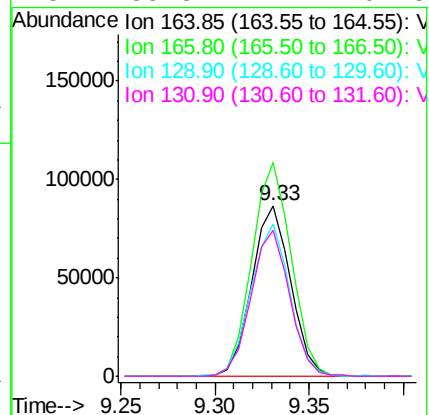
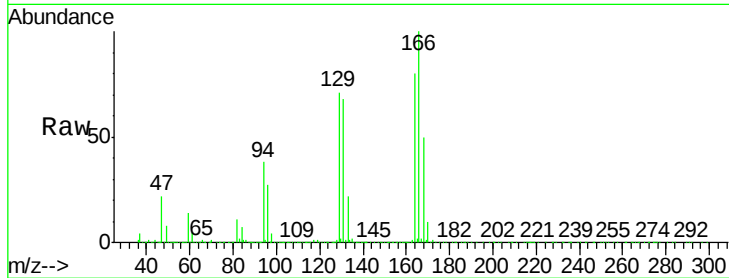
ClientSampleId :

VX0124WBSD01

Tot Ion:	164	Resp:	123630
Ion Ratio	Lower	Upper	
164	100		
166	125.0	104.2	156.2
129	89.2	71.6	107.4
131	85.3	71.7	107.5

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#62

Toluene

Concen: 20.317 ug/l

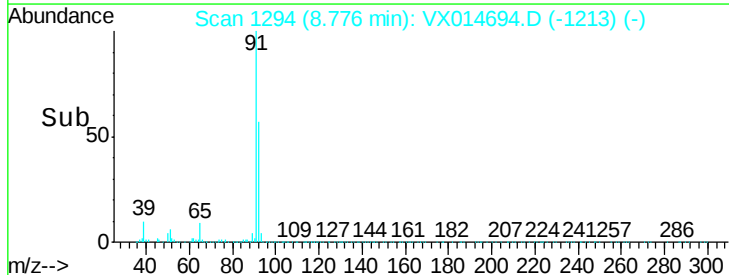
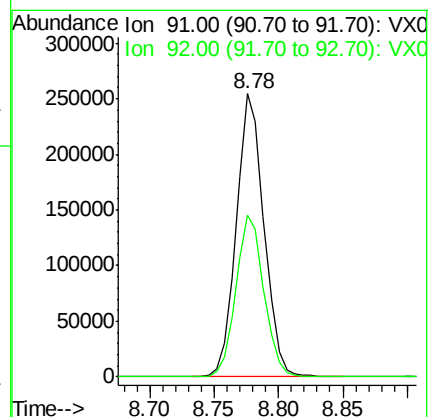
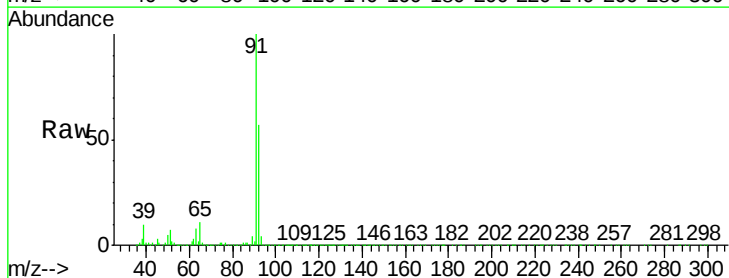
RT: 8.78 min Scan# 1294

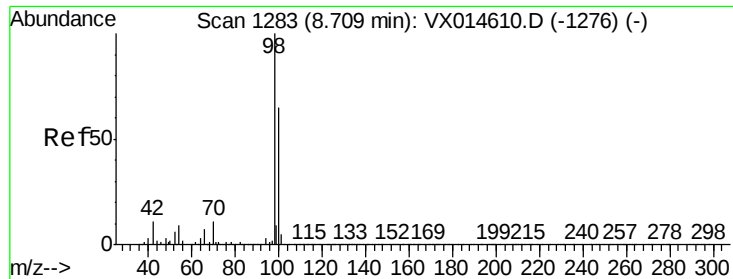
Delta R.T. -0.01 min

Lab File: VX014694.D

Acq: 24 Jan 2020 13:58

Tgt Ion:	91	Resp:	380154
Ion Ratio	Lower	Upper	
91	100		
92	57.8	46.4	69.6





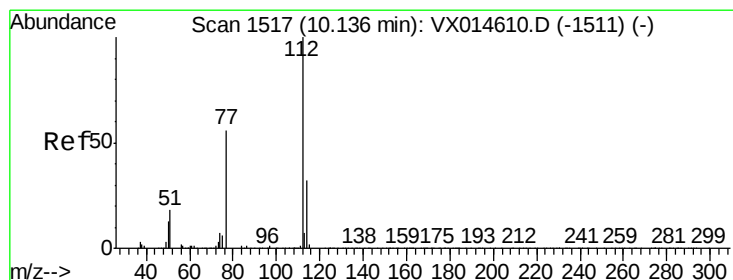
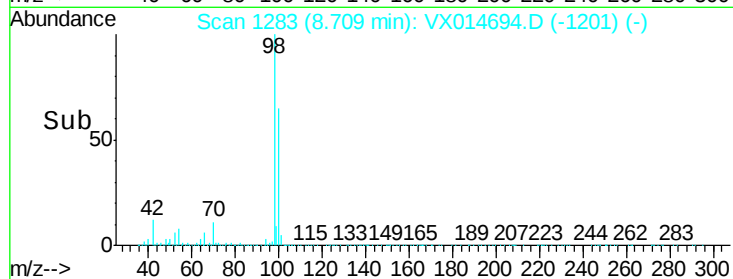
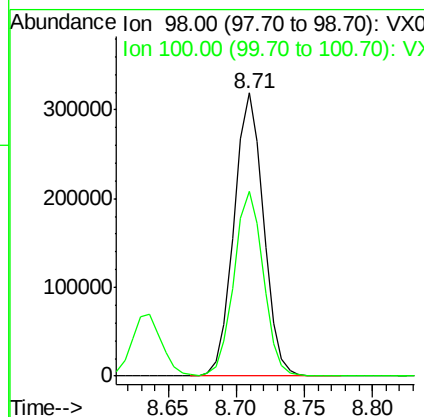
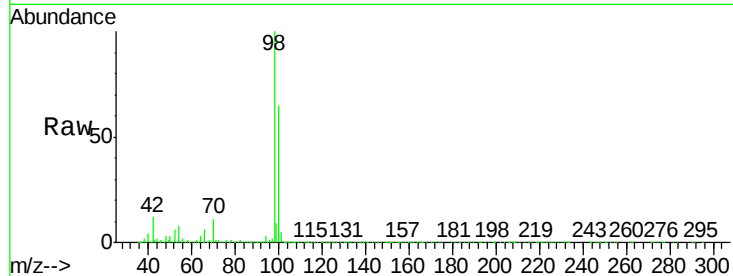
#63
Toluene-d8
Concen: 30.301 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014694.D
Acq: 24 Jan 2020 13:58

Instrument :
MSVOA_X
ClientSampled :
VX0124WBSD01

Tot Ion: 98 Resp: 482690
Ion Ratio Lower Upper
98 100
100 64.7 52.2 78.2

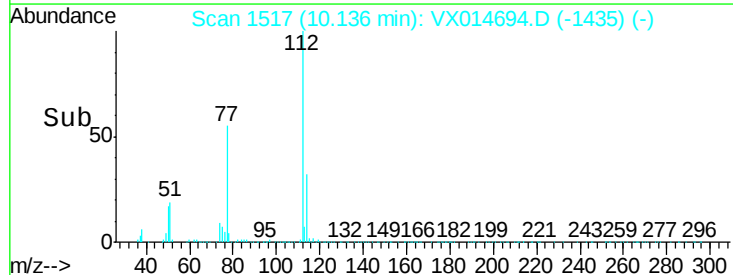
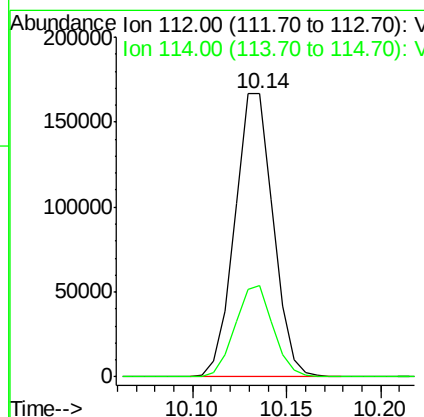
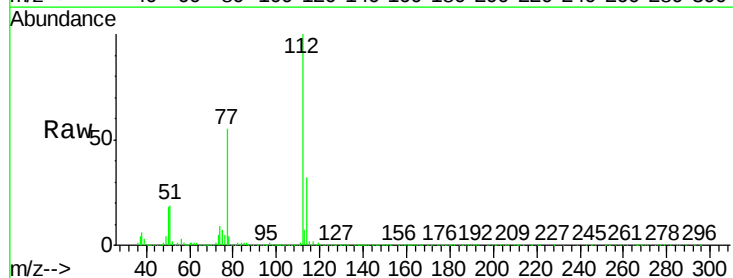
Manual Integrations
APPROVED

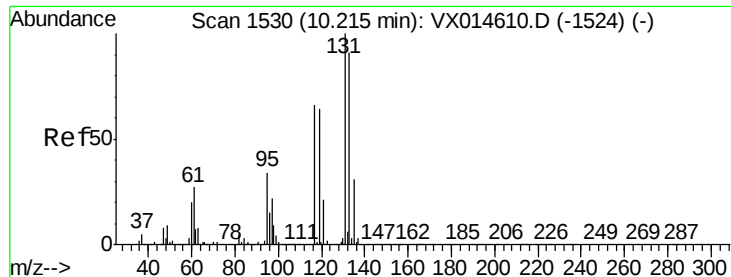
MMDadoda
1/27/2020 10:35:26 AM



#64
Chlorobenzene
Concen: 20.196 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX014694.D
Acq: 24 Jan 2020 13:58

Tgt Ion: 112 Resp: 235902
Ion Ratio Lower Upper
112 100
114 32.3 24.4 36.6





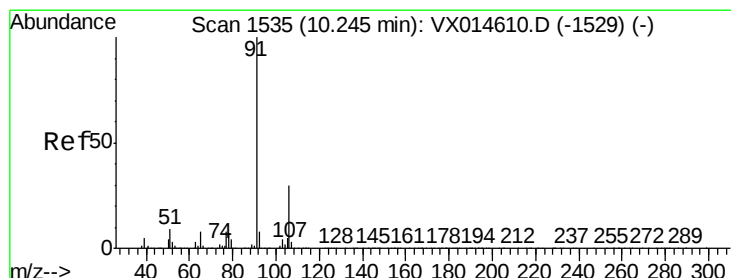
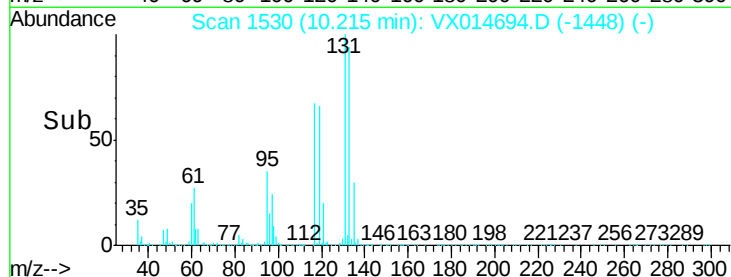
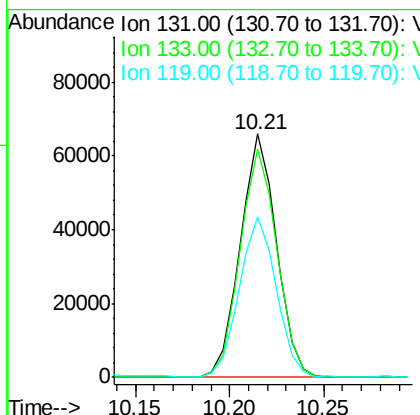
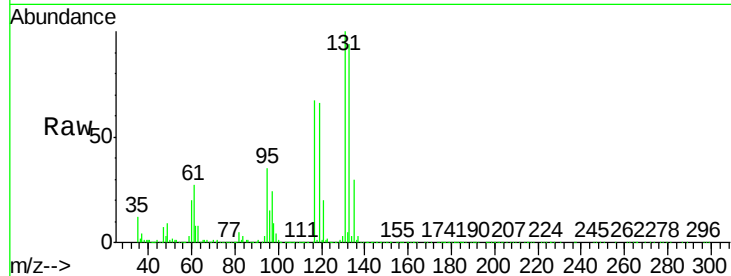
#65
 1,1,1,2-Tetrachloroethane
 Concen: 20.344 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VX014694.D
 Acq: 24 Jan 2020 13:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0124WBSD01

Tot Ion	Ratio	Lower	Upper
131	100		
133	95.1	0.0	189.8
119	66.7	0.0	132.2

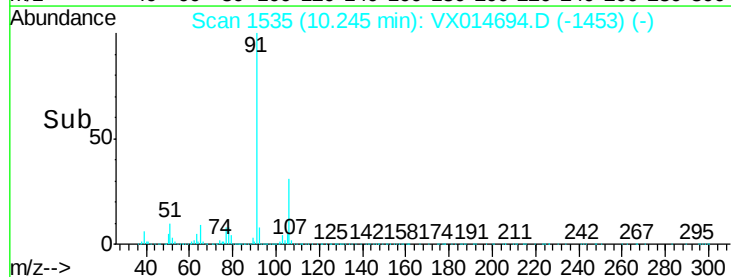
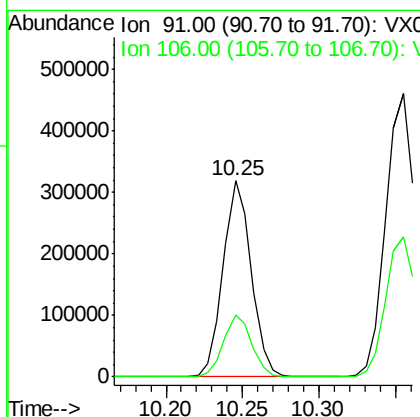
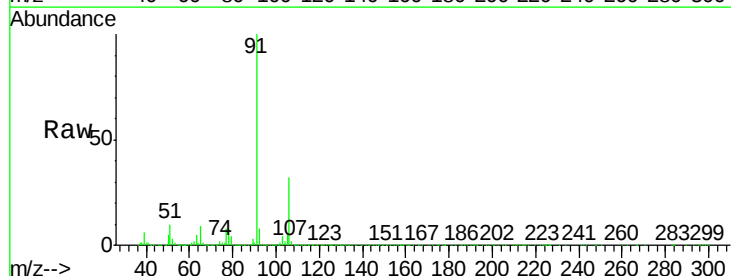
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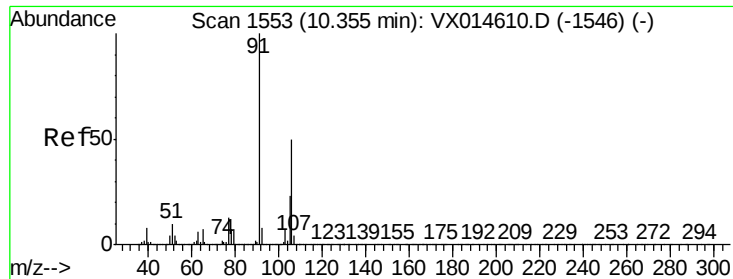
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#66
 Ethyl Benzene
 Concen: 19.925 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VX014694.D
 Acq: 24 Jan 2020 13:58

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.4	24.2	36.2





#67

m/p-Xylenes

Concen: 40.094 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014694.D

Acq: 24 Jan 2020 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0124WBSD01

Tot Ion:106 Resp: 312992

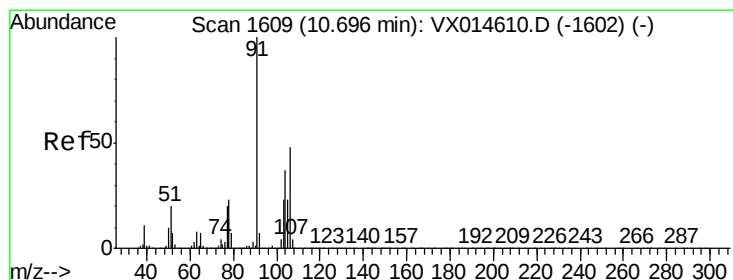
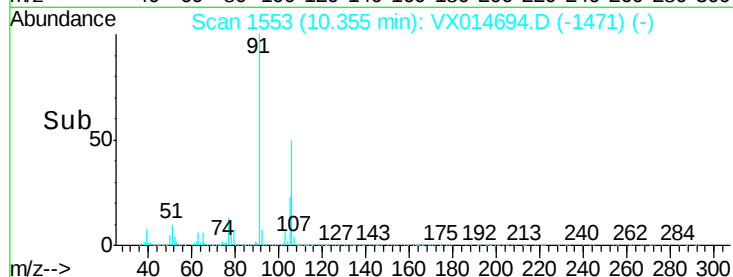
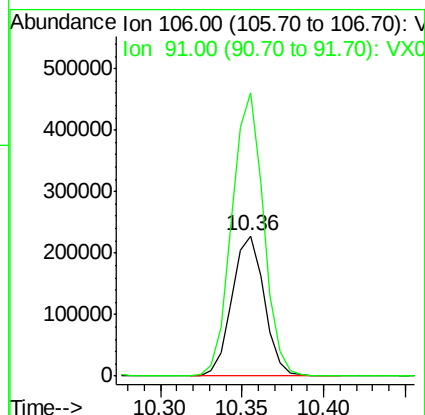
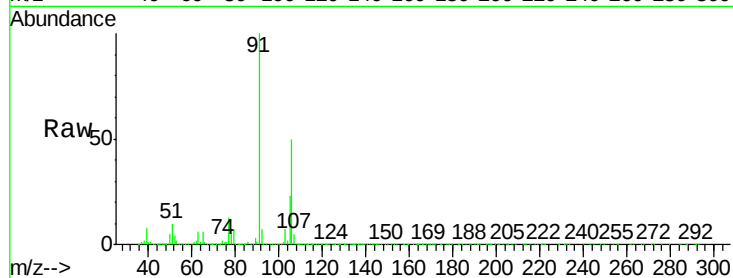
Ion Ratio Lower Upper

106 100

91 199.0 159.3 238.9

Manual Integrations
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#68

o-Xylene

Concen: 19.806 ug/l

RT: 10.69 min Scan# 1608

Delta R.T. -0.01 min

Lab File: VX014694.D

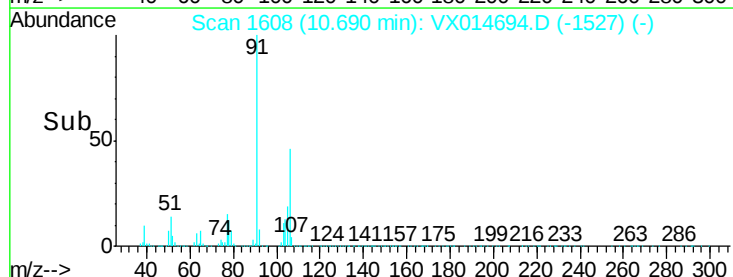
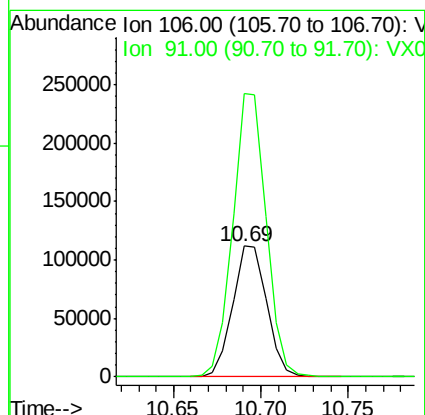
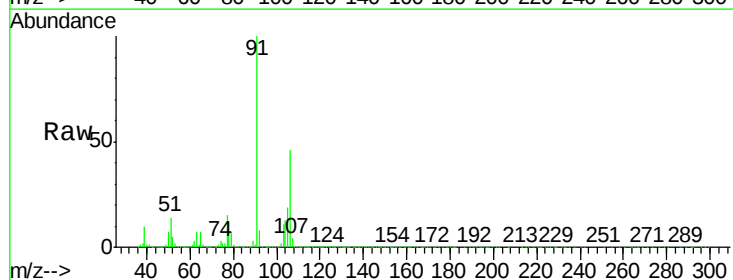
Acq: 24 Jan 2020 13:58

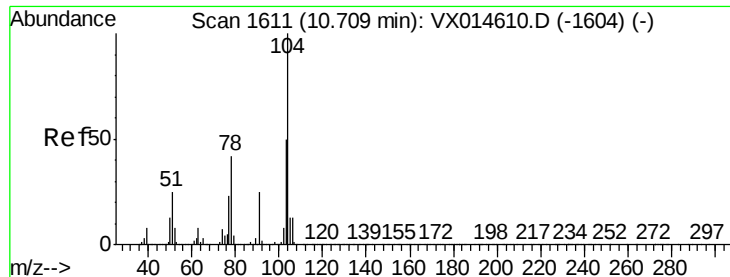
Tgt Ion:106 Resp: 150557

Ion Ratio Lower Upper

106 100

91 213.2 104.8 314.6





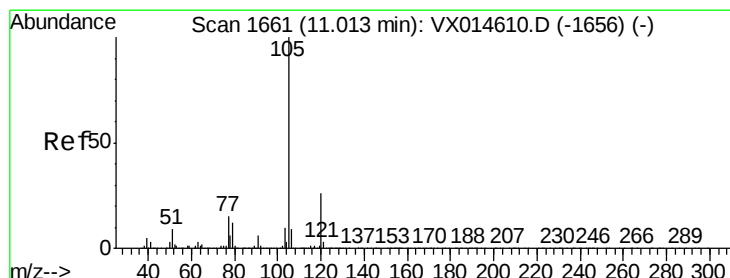
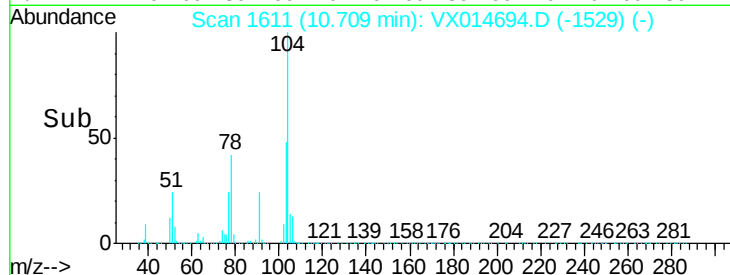
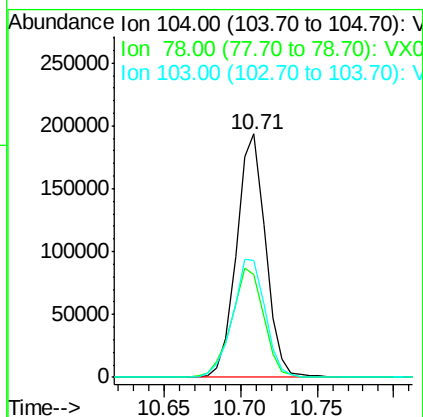
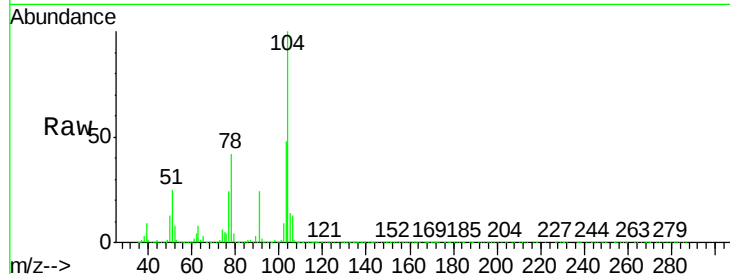
#69
Stvrene
Concen: 19.760 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014694.D
Acq: 24 Jan 2020 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0124WBSD01

Tot Ion	Ratio	Lower	Upper
104	100		
78	50.0	38.9	58.3
103	54.3	44.2	66.2

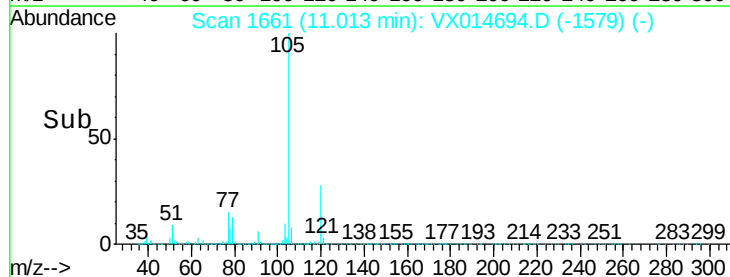
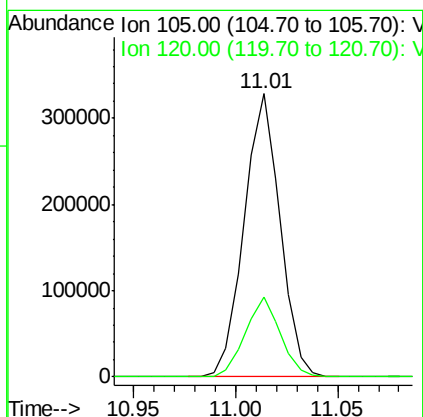
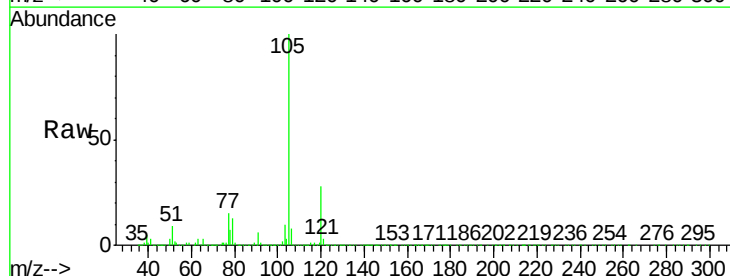
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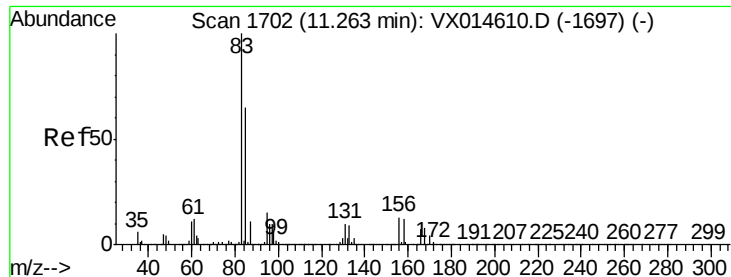
MMDadoda
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#70
Isopropylbenzene
Concen: 20.122 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX014694.D
Acq: 24 Jan 2020 13:58

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.5	19.1	35.5





#71

1,1,2,2-Tetrachloroethane

Concen: 20.073 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014694.D

Acq: 24 Jan 2020 13:58

Instrument :

MSVOA_X

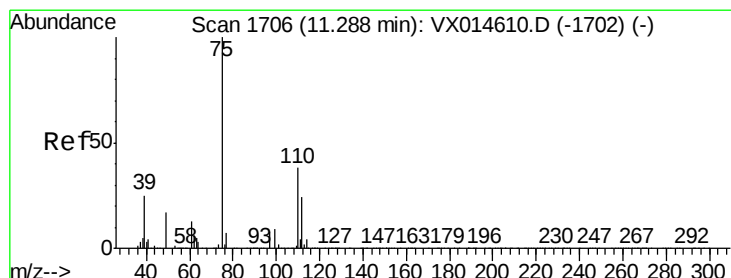
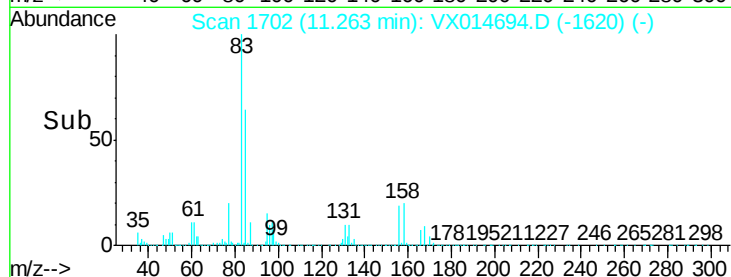
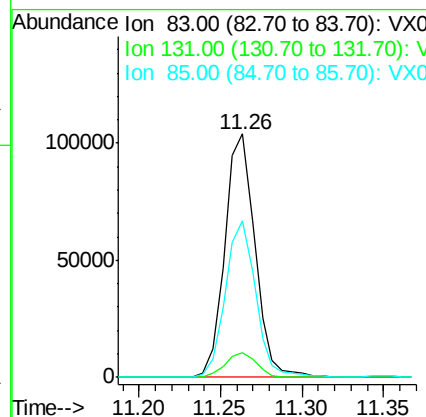
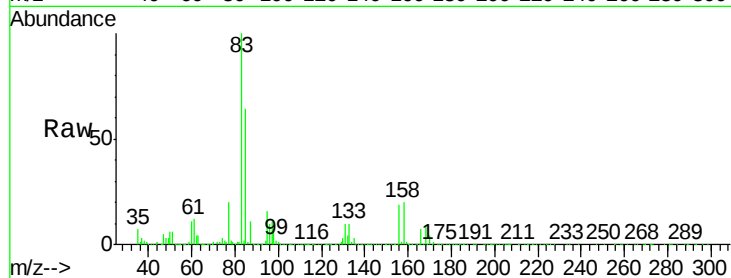
ClientSampleId :

VX0124WBSD01

Tot Ion:	83	Resp:	134654
Ion Ratio	Lower	Upper	
83	100		
131	10.6	4.9	14.7
85	64.1	31.6	94.7

Manual Integrations
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#72

1,2,3-Trichloropropane

Concen: 21.084 ug/l m

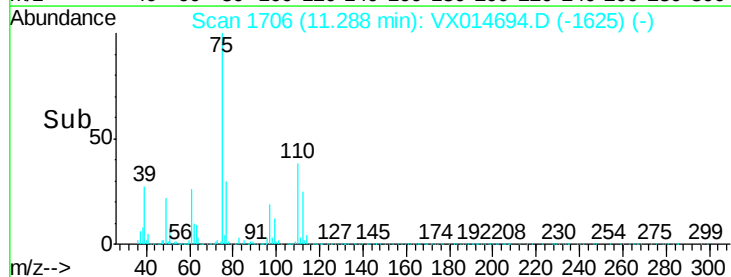
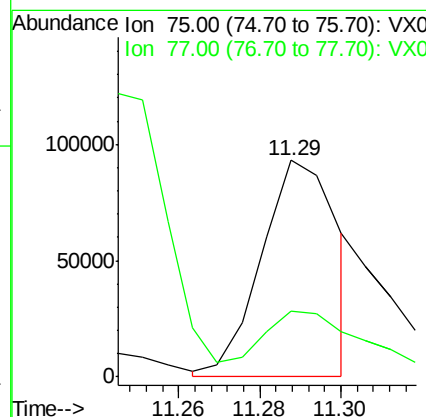
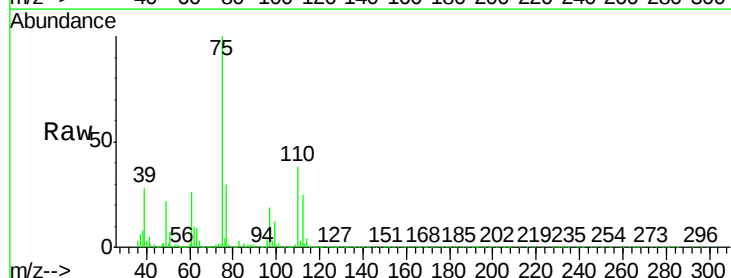
RT: 11.29 min Scan# 1706

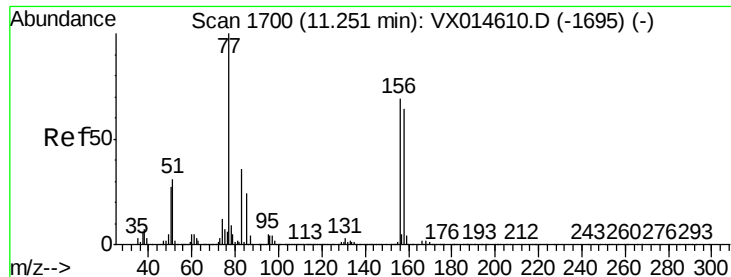
Delta R.T. -0.01 min

Lab File: VX014694.D

Acq: 24 Jan 2020 13:58

Tgt Ion:	75	Resp:	120982
Ion Ratio	Lower	Upper	
75	100		
77	39.8	0.0	68.4





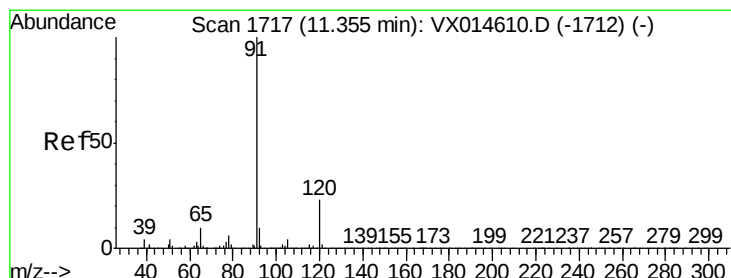
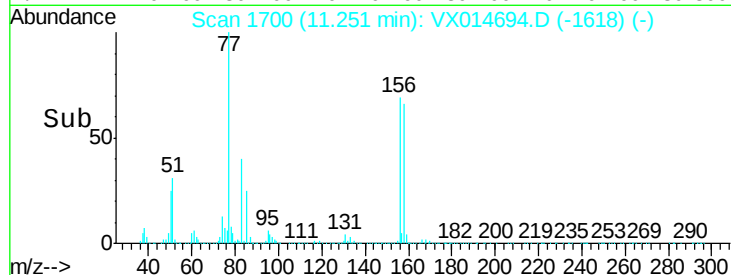
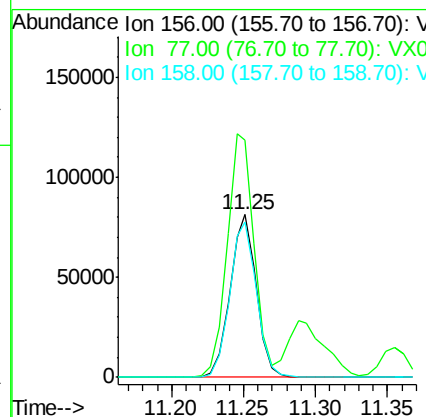
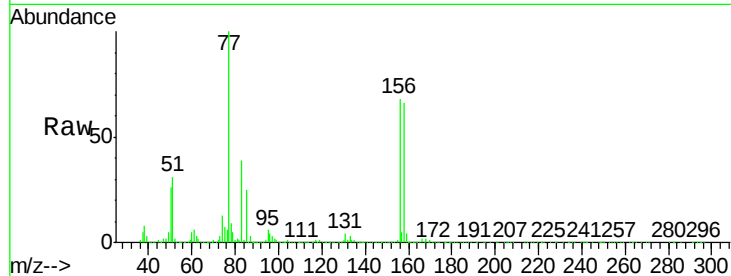
#73
Bromobenzene
Concen: 19.734 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. 0.00 min
Lab File: VX014694.D
Acq: 24 Jan 2020 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0124WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
156	100	104180		
77	153.9	0.0	304.6	
158	97.8	0.0	195.2	

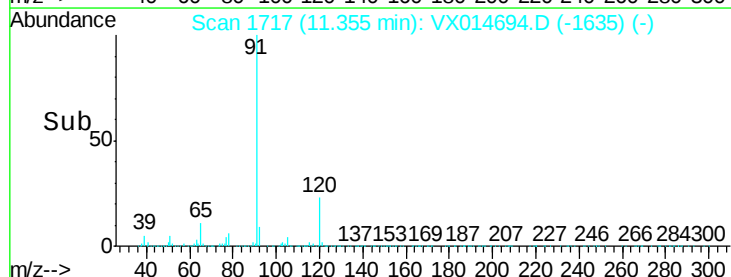
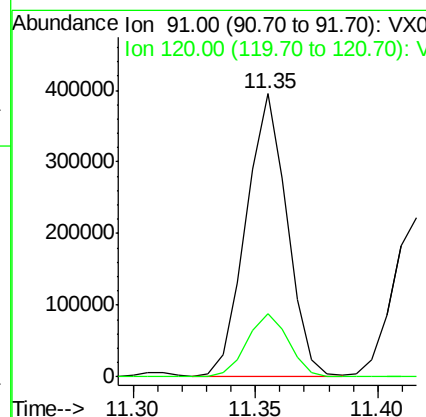
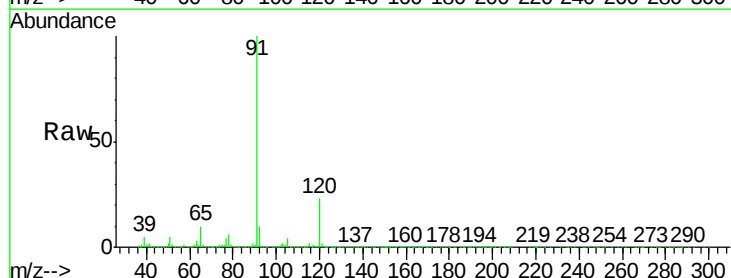
Manual Integrations
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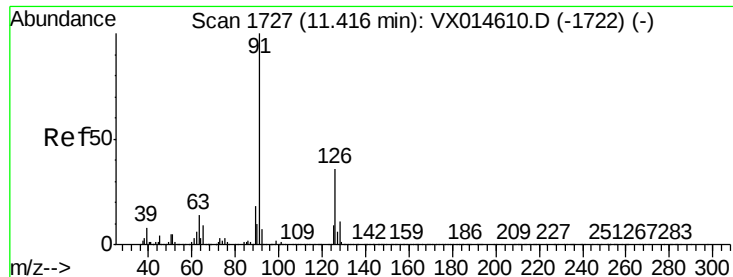
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#74
n-propylbenzene
Concen: 20.318 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VX014694.D
Acq: 24 Jan 2020 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	462362		
120	22.8	0.0	44.8	





#75

2-Chlorotoluene

Concen: 20.392 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014694.D

Acq: 24 Jan 2020 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0124WBSD01

Tot Ion: 91 Resp: 278116

Ion Ratio Lower Upper

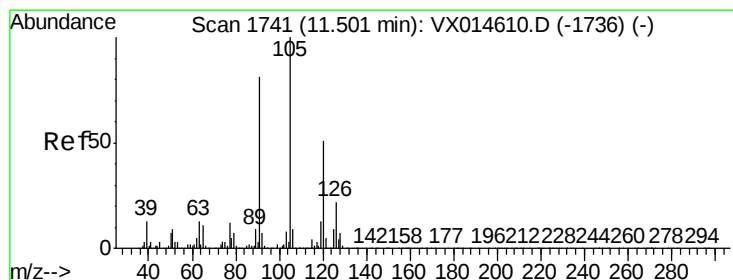
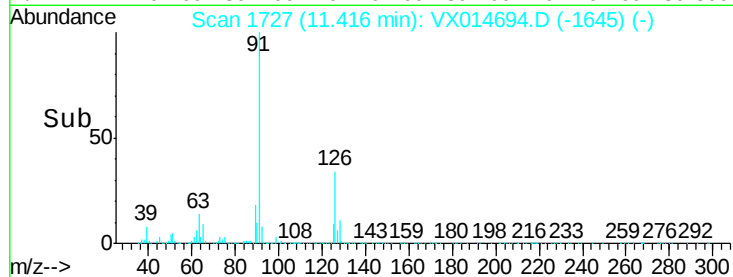
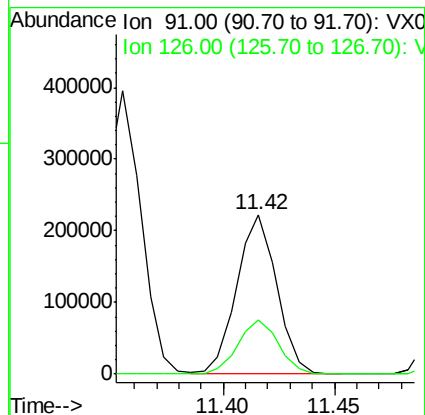
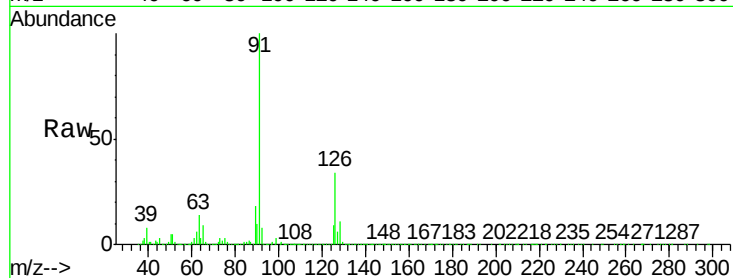
91 100

126 34.7 0.0 70.8

Manual Integrations
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#76

1,3,5-Trimethylbenzene

Concen: 20.556 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014694.D

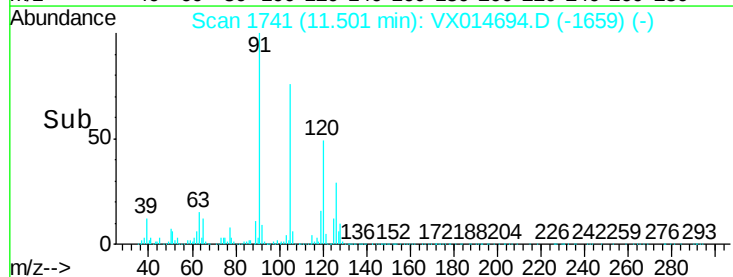
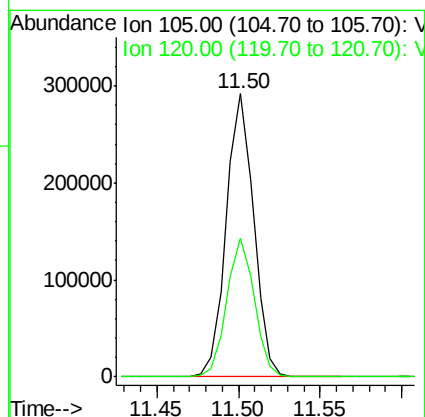
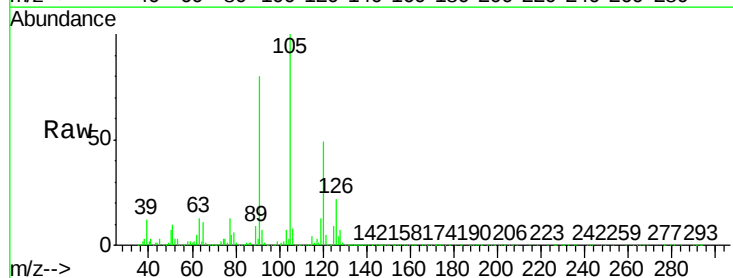
Acq: 24 Jan 2020 13:58

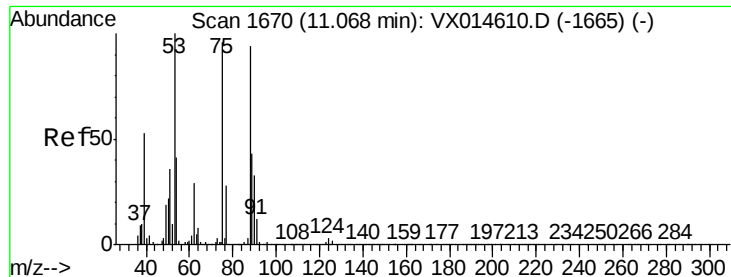
Tgt Ion: 105 Resp: 341116

Ion Ratio Lower Upper

105 100

120 49.2 0.0 100.6





#77

t-1,4-Dichloro-2-butene

Concen: 19.335 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014694.D

Acq: 24 Jan 2020 13:58

Instrument :

MSVOA_X

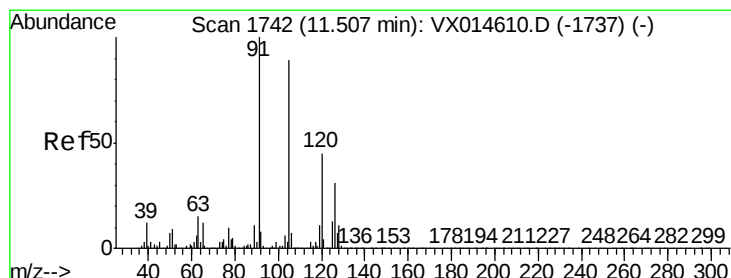
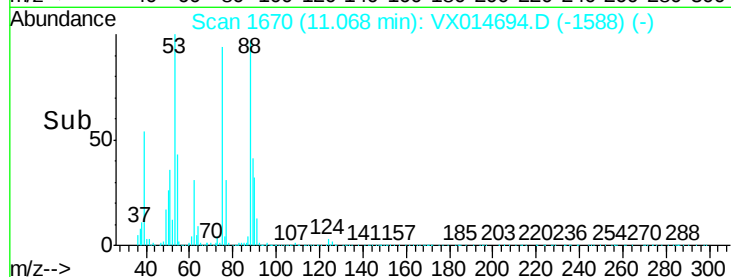
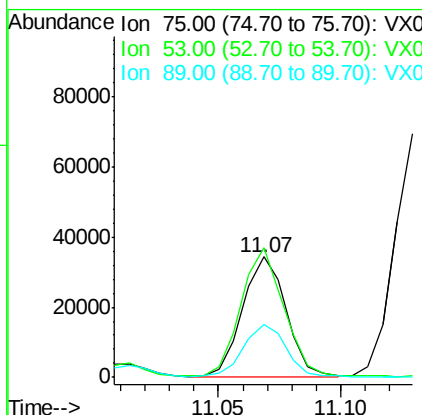
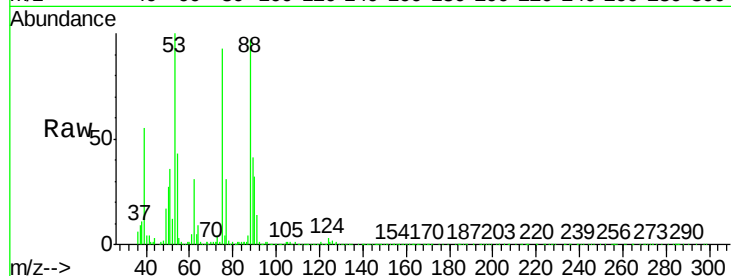
ClientSampleId :

VX0124WBSD01

Tot Ion:	75	Resp:	42701
Ion	Ratio	Lower	Upper
75	100		
53	106.8	54.4	163.1
89	43.8	21.9	65.5

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#78

4-Chlorotoluene

Concen: 20.297 ug/l

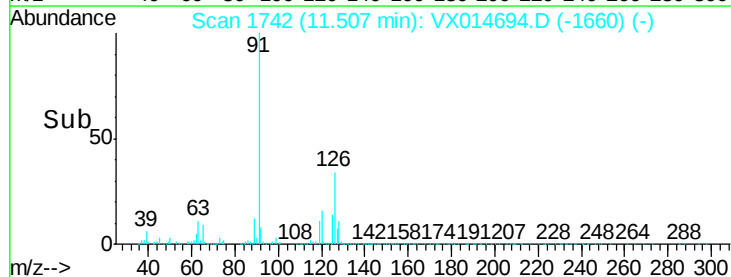
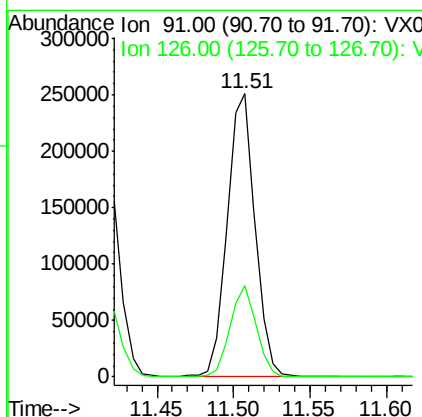
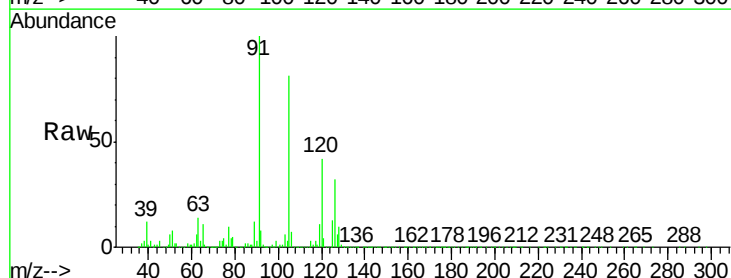
RT: 11.51 min Scan# 1742

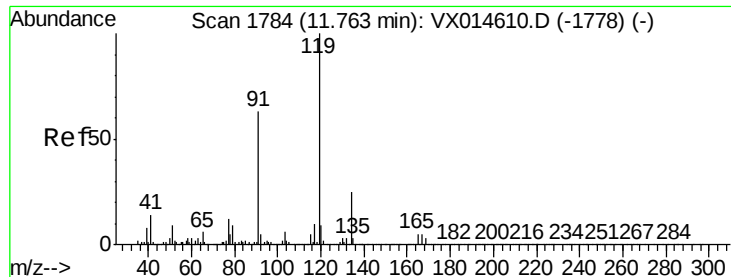
Delta R.T. 0.00 min

Lab File: VX014694.D

Acq: 24 Jan 2020 13:58

Tgt Ion:	91	Resp:	314374
Ion	Ratio	Lower	Upper
91	100		
126	30.5	0.0	59.6





#79

tert-butylbenzene

Concen: 19.303 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX014694.D

Acq: 24 Jan 2020 13:58

Instrument :

MSVOA_X

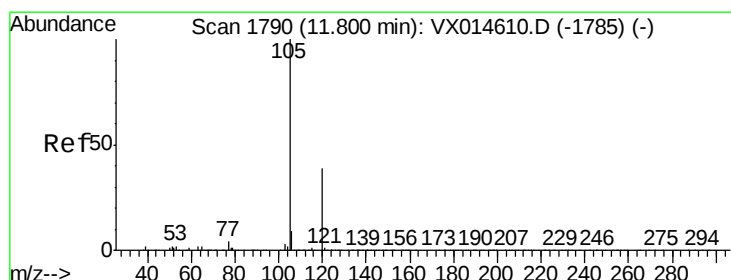
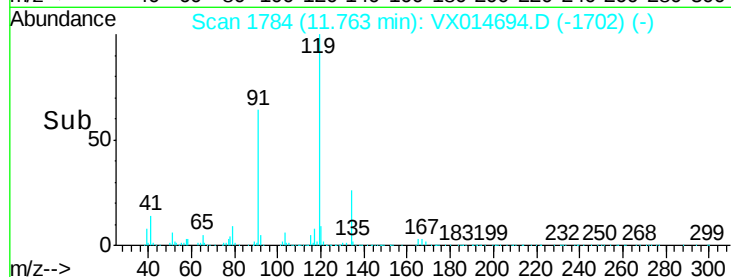
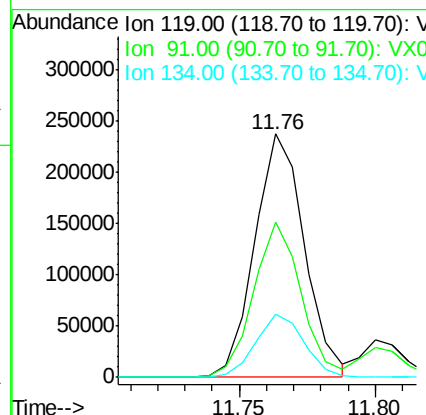
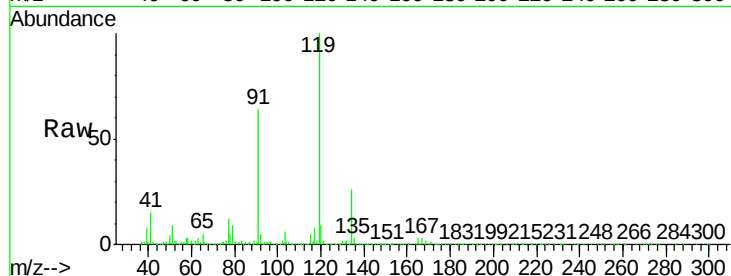
ClientSampleId :

VX0124WBSD01

Tot Ion:	119	Resp:	299713
Ion Ratio	Lower	Upper	
119	100		
91	60.9	0.0	112.6
134	25.4	0.0	49.8

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#80

1,2,4-Trimethylbenzene

Concen: 20.510 ug/l

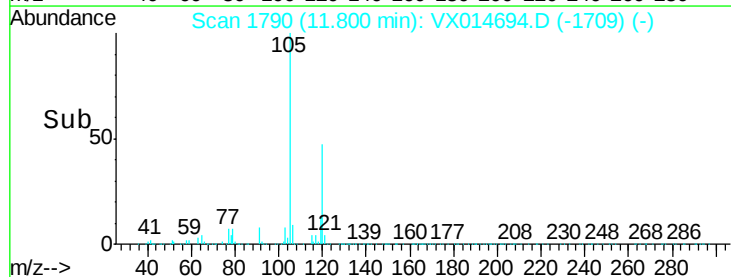
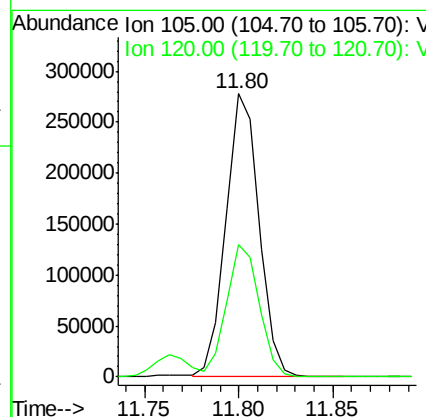
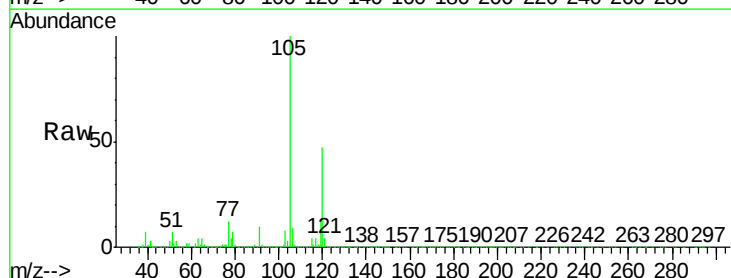
RT: 11.80 min Scan# 1790

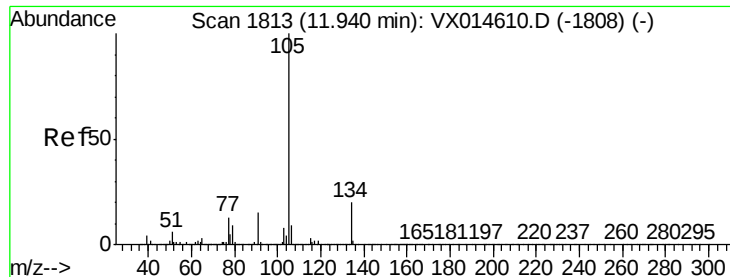
Delta R.T. -0.01 min

Lab File: VX014694.D

Acq: 24 Jan 2020 13:58

Tgt Ion:	105	Resp:	339466
Ion Ratio	Lower	Upper	
105	100		
120	46.0	0.0	92.0





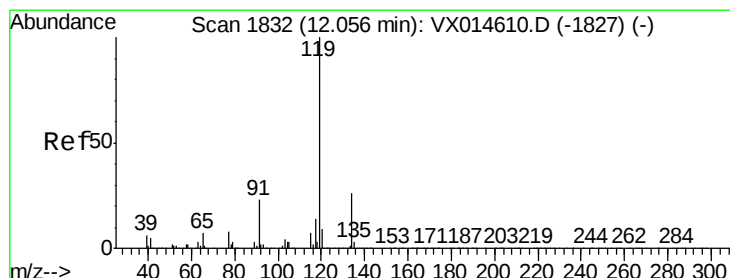
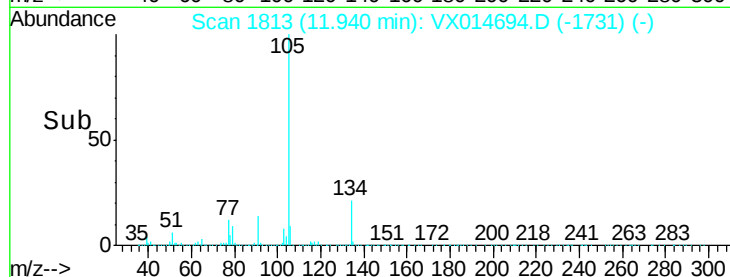
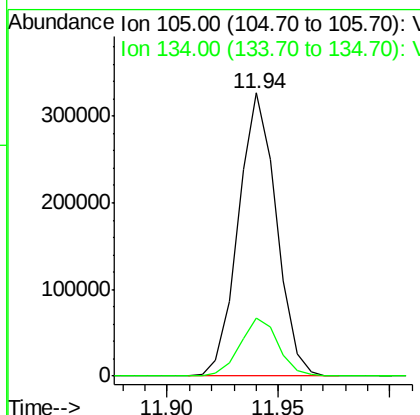
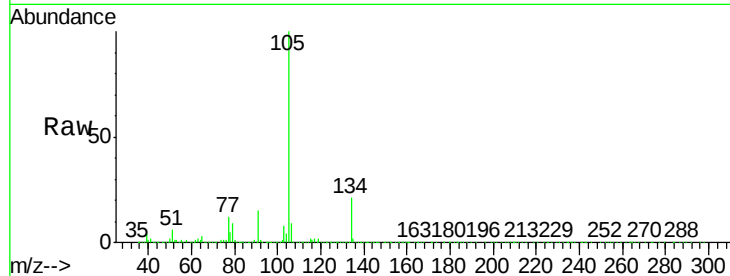
#81
 sec-Butylbenzene
 Concen: 20.183 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014694.D
 Acq: 24 Jan 2020 13:58

Instrument :
 MSVOA_X
 ClientSampled :
 VX0124WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	387782		
134	20.6	0.0	40.2	

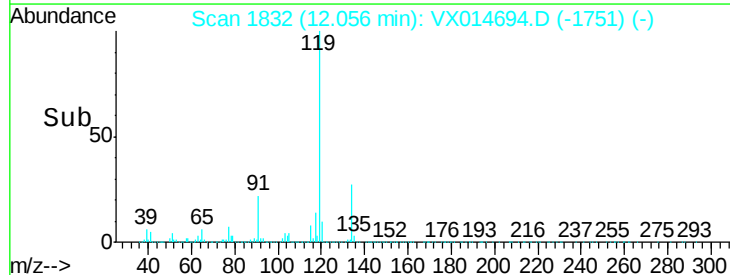
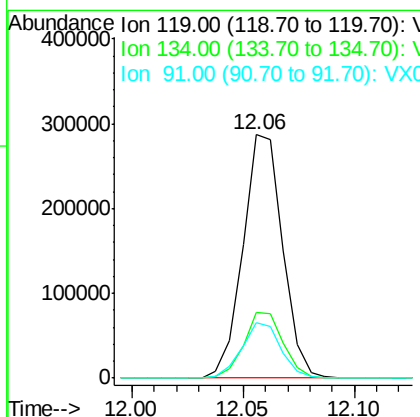
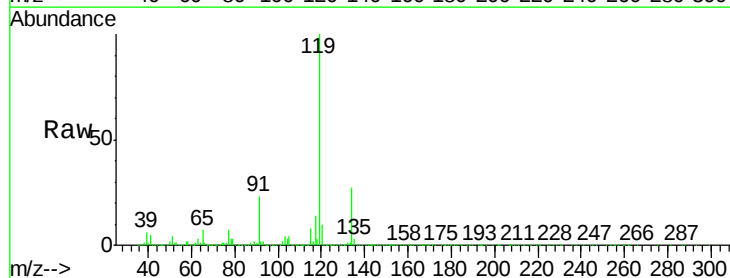
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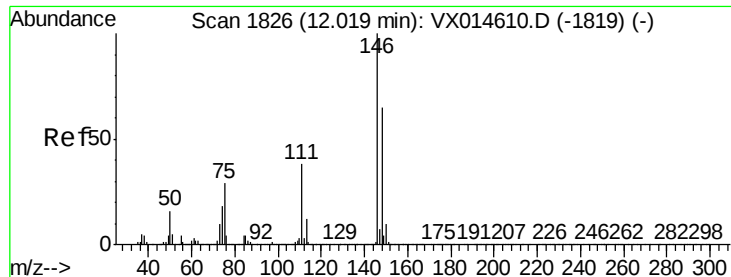
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#82
 p-Isopropyltoluene
 Concen: 20.350 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. -0.01 min
 Lab File: VX014694.D
 Acq: 24 Jan 2020 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	356936		
134	26.8	0.0	53.8	
91	22.2	0.0	45.0	





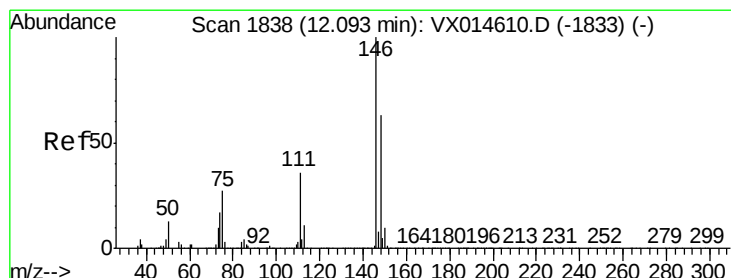
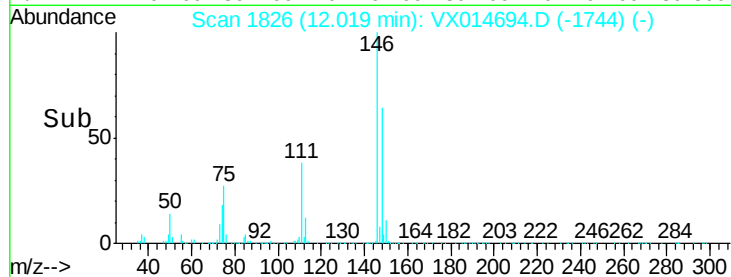
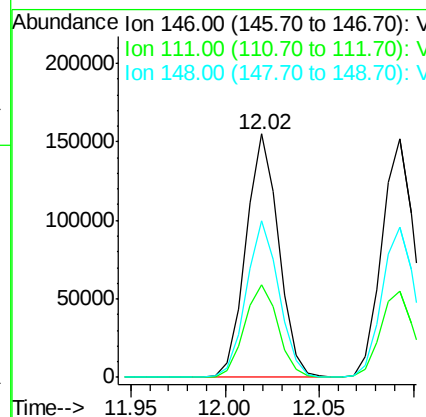
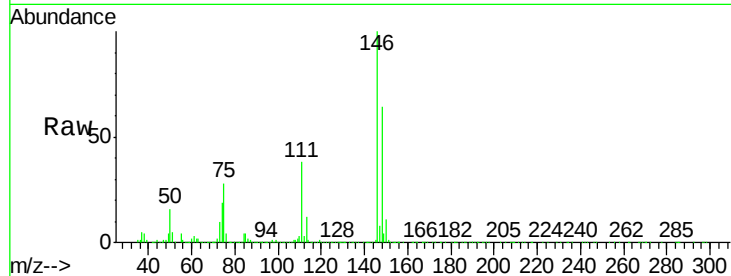
#83
 1,3-Dichlorobenzene
 Concen: 20.221 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014694.D
 Acq: 24 Jan 2020 13:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0124WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.3	57.9
148	64.2	32.2	96.6

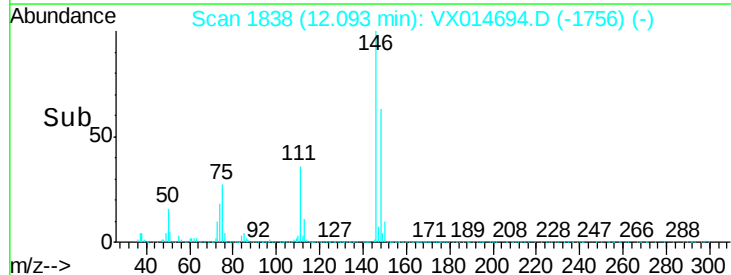
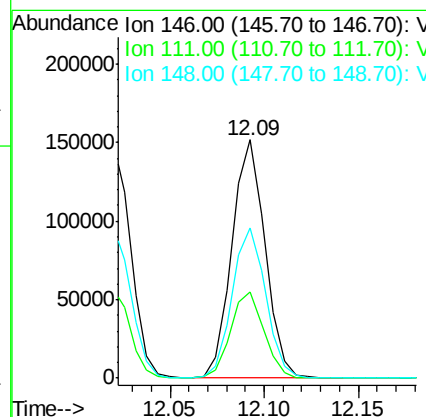
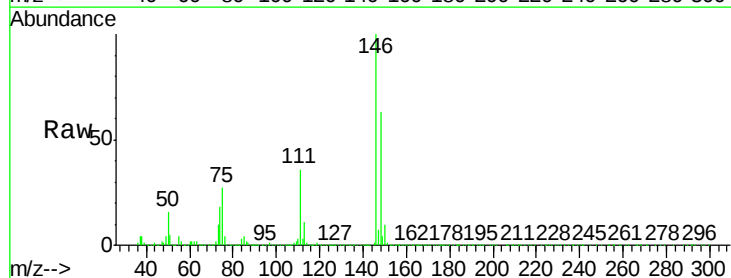
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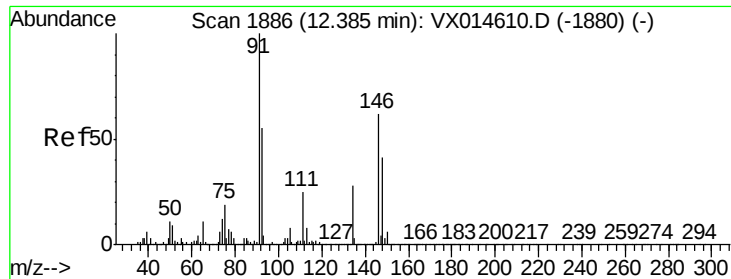
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#84
 1,4-Dichlorobenzene
 Concen: 20.273 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014694.D
 Acq: 24 Jan 2020 13:58

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.4	18.4	55.4
148	63.5	32.0	96.0





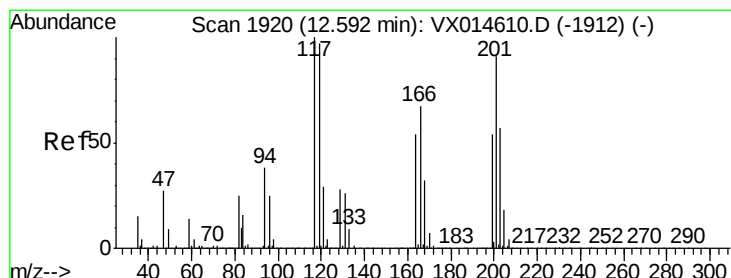
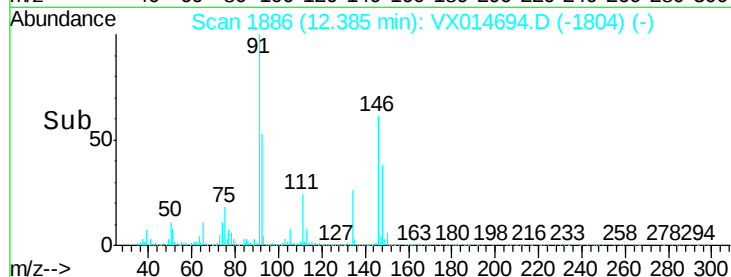
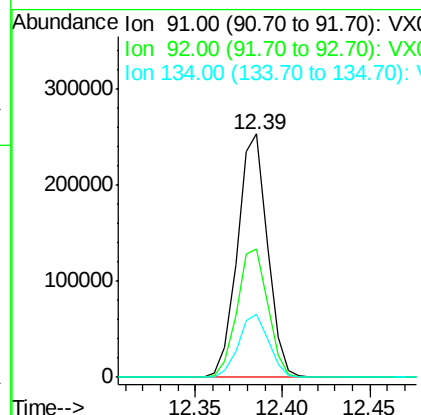
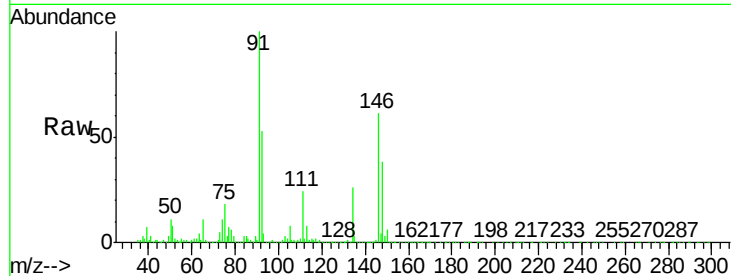
#85
n-Butylbenzene
Concen: 19.595 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014694.D
Acq: 24 Jan 2020 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0124WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	300718		
92	54.3	0.0	109.0	
134	26.1	0.0	54.0	

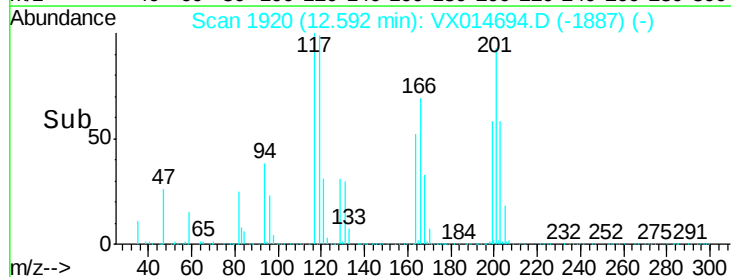
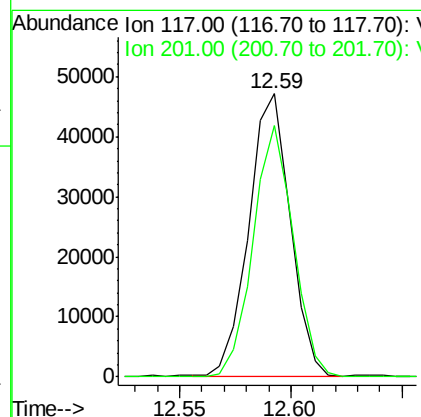
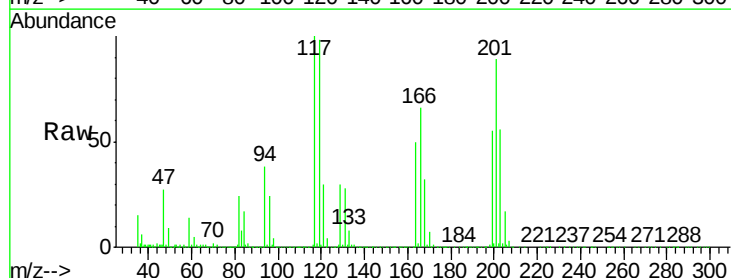
Manual Integrations
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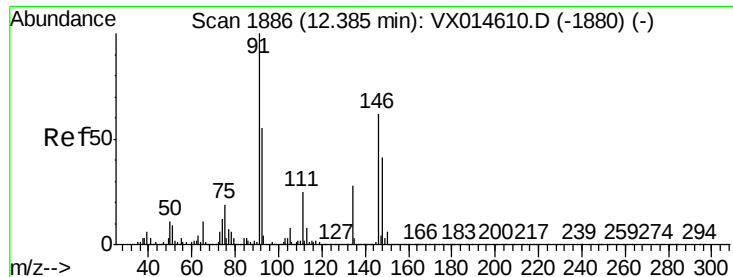
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#86
Hexachloroethane
Concen: 19.488 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014694.D
Acq: 24 Jan 2020 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	61296		
201	86.0	44.8	134.3	





#87

1,2-Dichlorobenzene

Concen: 20.298 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014694.D

Acq: 24 Jan 2020 13:58

Instrument :

MSVOA_X

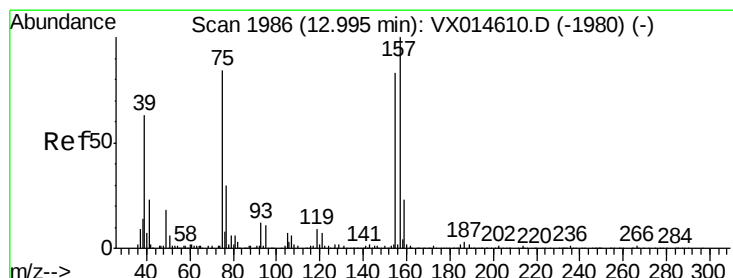
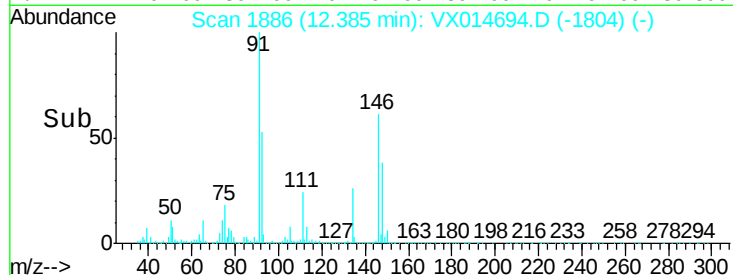
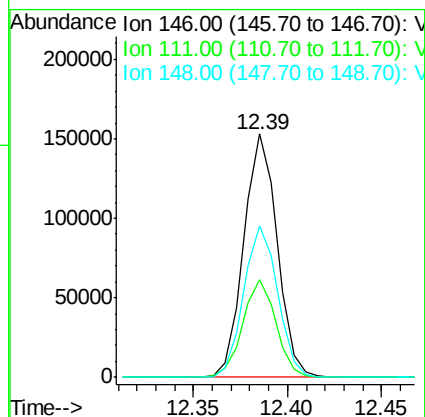
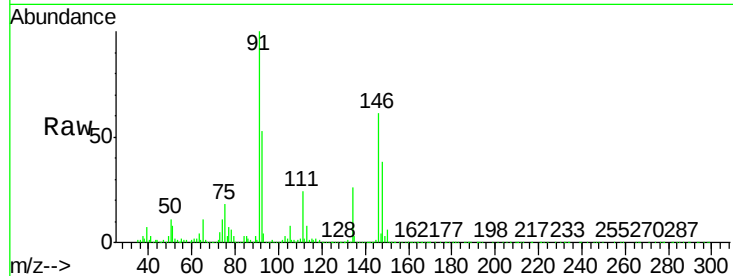
ClientSampleId :

VX0124WBSD01

Tot Ion:	146	Resp:	188792
Ion Ratio	Lower	Upper	
146	100		
111	39.3	20.1	60.2
148	63.0	32.0	96.2

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#88

1,2-Dibromo-3-Chloropropane

Concen: 19.640 ug/l

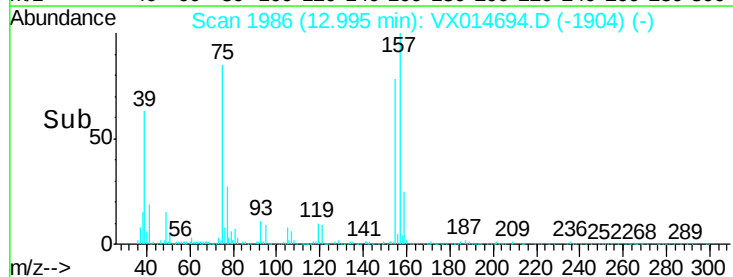
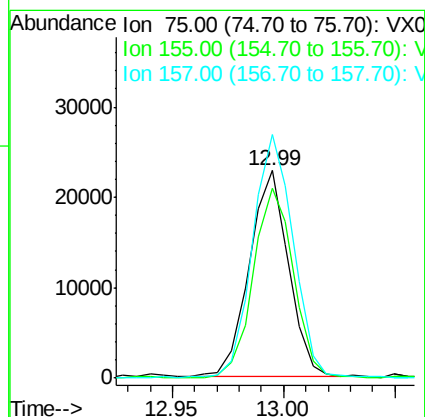
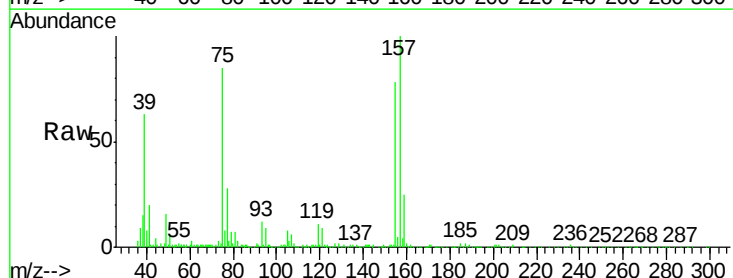
RT: 12.99 min Scan# 1986

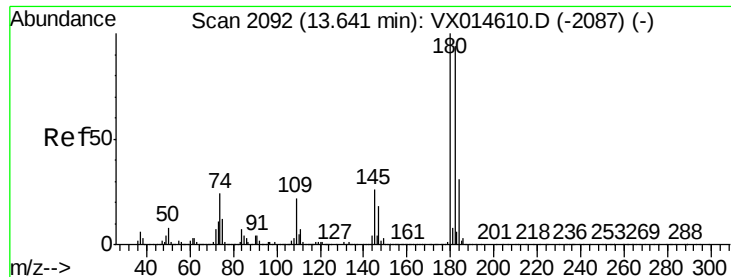
Delta R.T. 0.00 min

Lab File: VX014694.D

Acq: 24 Jan 2020 13:58

Tgt Ion:	75	Resp:	28144
Ion Ratio	Lower	Upper	
75	100		
155	94.5	73.8	110.6
157	120.4	95.0	142.4





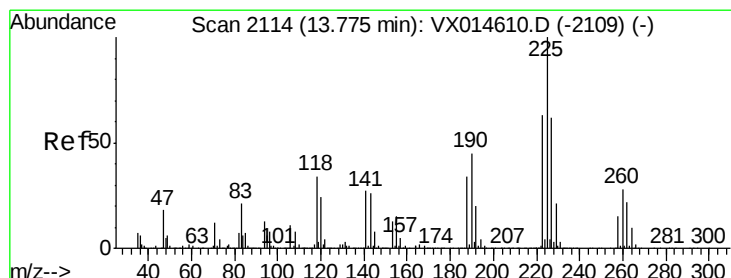
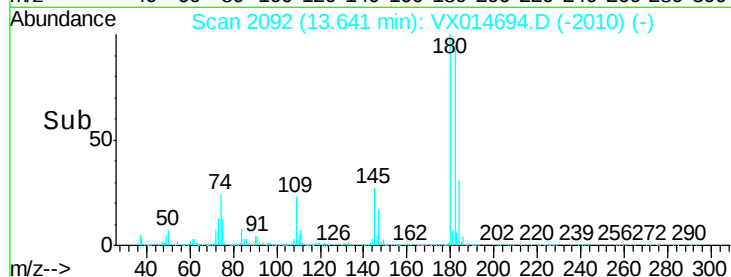
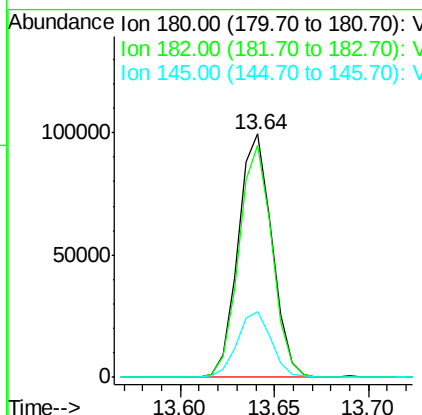
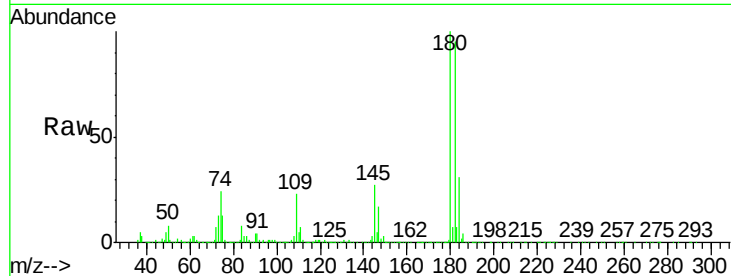
#89
 1,2,4-Trichlorobenzene
 Concen: 20.163 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014694.D
 Acq: 24 Jan 2020 13:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0124WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	123784		
182	93.1	76.4	114.6	
145	26.8	21.9	32.9	

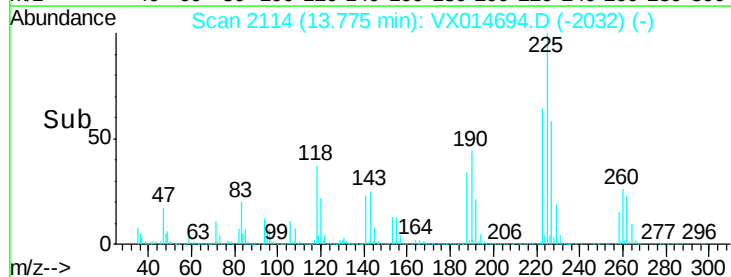
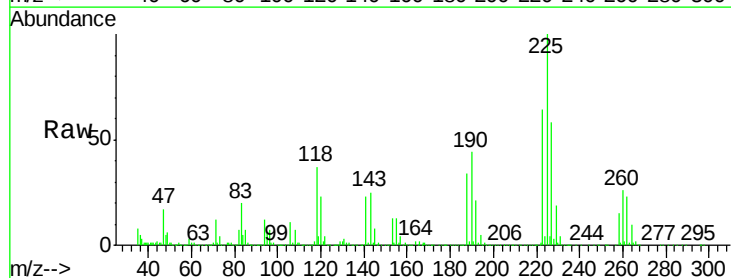
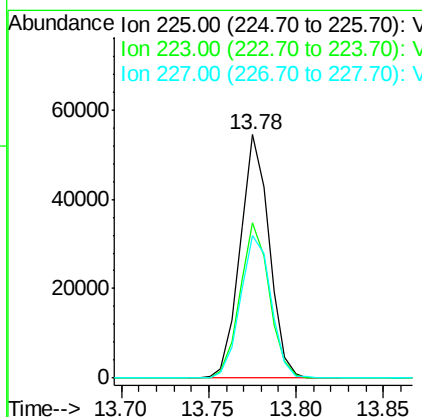
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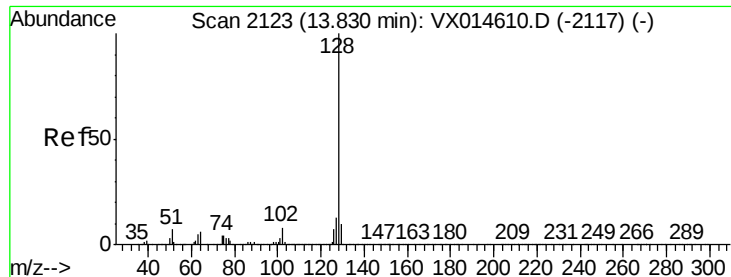
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#90
 Hexachlorobutadiene
 Concen: 20.502 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014694.D
 Acq: 24 Jan 2020 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	62891		
223	64.5	0.0	127.4	
227	61.3	0.0	122.8	





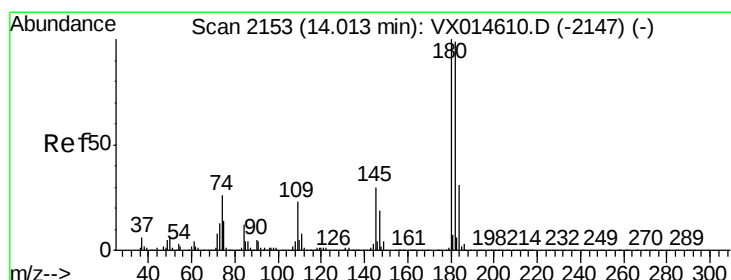
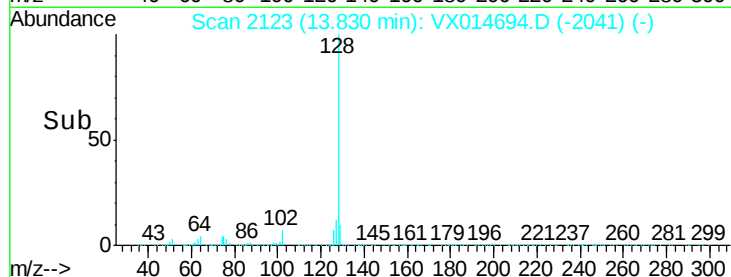
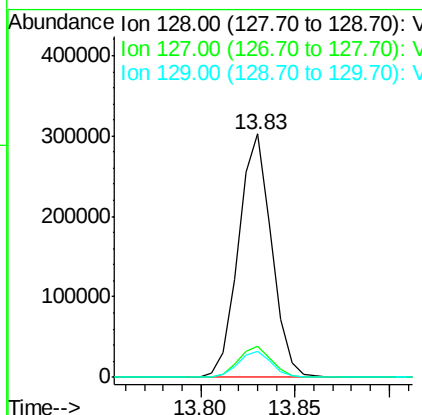
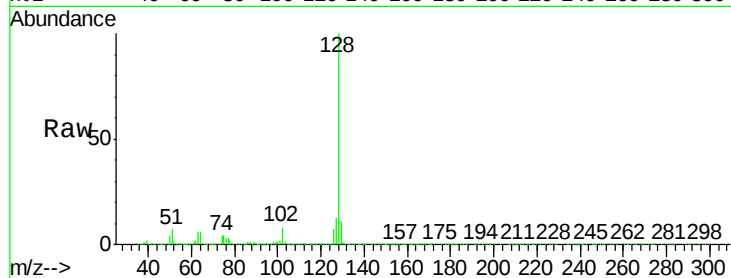
#91
Naphthalene
Concen: 19.825 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014694.D
Acq: 24 Jan 2020 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0124WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	10.9	8.9	13.3

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#92
1,2,3-Trichlorobenzene
Concen: 20.077 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014694.D
Acq: 24 Jan 2020 13:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	0.0	192.8
145	30.5	0.0	60.0

