

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020320\
 Data File : VX014794.D
 Acq On : 03 Feb 2020 14:17
 Operator : JC/SP
 Sample : VX0203WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0203WBSD02

Manual Integrations
 APPROVED

MMDadoda
 2/4/2020 3:32:22 PM

Quant Time: Feb 03 16:40:29 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	66725	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	358876	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	329836	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.04	65	147888	31.53	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	105.10%
60) 4-Bromofluorobenzene	11.13	95	157785	29.89	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.63%
63) Toluene-d8	8.71	98	446162	29.95	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.83%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	94366	20.464	ug/l 98
3) Chloromethane	1.32	50	97450	19.302	ug/l 97
4) Vinyl Chloride	1.40	62	109420	19.302	ug/l 100
5) Bromomethane	1.64	94	66746	18.869	ug/l 98
6) Chloroethane	1.72	64	61485	19.240	ug/l 99
7) Trichlorofluoromethane	1.92	101	127175	20.261	ug/l 99
8) Diethyl Ether	2.18	74	57591	21.006	ug/l 93
9) 1,1,2-Trichlorotrifluoroet	2.38	101	76371	20.797	ug/l 98
10) 1,1-Dichloroethene	2.37	96	73207	19.819	ug/l 99
11) Methyl Iodide	2.50	142	102181	20.627	ug/l 97
12) Methyl Acetate	2.76	43	145888	21.863	ug/l 97
13) Acrolein	2.28	56	64278	91.710	ug/l 99
14) Acrylonitrile	3.12	53	228383	100.028	ug/l 100
15) Acetone	2.43	58	75988	99.274	ug/l 81
16) Carbon Disulfide	2.56	76	190335	18.762	ug/l 99
17) Allyl chloride	2.72	41	131206	19.193	ug/l 92
18) Methylene Chloride	2.84	84	89199	20.634	ug/l 99
19) trans-1,2-Dichloroethene	3.15	96	79807	20.071	ug/l 97
20) Diisopropyl ether	3.84	45	278771	20.611	ug/l 95
21) 1,1-Dichloroethane	3.69	63	147721	20.105	ug/l 97
22) cis-1,2-Dichloroethene	4.58	96	90970	19.909	ug/l 97
23) tert-Butyl Alcohol	3.02	59	99089	104.940	ug/l # 100
24) Methyl tert-Butyl Ether	3.18	73	255644	20.796	ug/l 97
25) Chloroform	5.19	83	143920	20.220	ug/l 96
26) Cyclohexane	5.57	56	129556	19.116	ug/l # 100
29) 1,1-Dichloropropene	5.79	75	104579	19.870	ug/l 99
30) 2-Butanone	4.65	43	344126	103.216	ug/l 100
31) 2,2-Dichloropropane	4.57	77	117891	20.934	ug/l 97
32) 1,1,1-Trichloroethane	5.48	97	121998	20.952	ug/l 98
33) Carbon Tetrachloride	5.78	117	102782	20.561	ug/l 98
34) Benzene	6.13	78	332914	20.470	ug/l 99
35) Methacrylonitrile	5.03	41	64743	19.443	ug/l 94
36) 1,2-Dichloroethane	6.18	62	118969	21.020	ug/l 99
37) Trichloroethene	7.20	130	91833	20.622	ug/l 95
38) Methylcyclohexane	7.45	83	131019	19.993	ug/l 99
39) 1,2-Dichloropropane	7.50	63	85745	20.275	ug/l 98
40) Dibromomethane	7.65	93	58582	21.554	ug/l 98

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Instrument :
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Manual Integrations
 APPROVED

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 2/4/2020 3:32:22 PM

Quant Time: Feb 03 16:40:29 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)
41) Bromodichloromethane	7.89	83	110090	20.684	ug/l	98
42) Vinyl Acetate	3.80	43	1046802	101.867	ug/l	99
43) Ethyl Acetate	4.81	43	126399	20.943	ug/l	97
44) Isopropyl Acetate	6.43	43	199891	20.530	ug/l	99
45) 1,4-Dioxane	7.73	88	40886	419.803	ug/l	99
46) Methyl methacrylate	7.76	41	97789	20.424	ug/l	95
47) n-amyl Acetate	10.89	43	166759	20.441	ug/l	100
48) t-1,3-Dichloropropene	9.03	75	121289	20.872	ug/l	96
49) cis-1,3-Dichloropropene	8.43	75	134760	20.581	ug/l	99
50) 1,1,2-Trichloroethane	9.21	97	86055	20.807	ug/l	97
51) Ethyl methacrylate	9.17	69	130936	20.333	ug/l	99
52) 1,3-Dichloropropane	9.36	76	147491	21.048	ug/l	99
53) Dibromochloromethane	9.57	129	88243	20.860	ug/l	99
54) 1,2-Dibromoethane	9.67	107	92363	21.533	ug/l	97
55) 2-Chloroethyl vinyl ether	8.30	63	287012	96.980	ug/l	100
56) Bromoform	10.85	173	67858	20.825	ug/l	98
58) 4-Methyl-2-Pentanone	8.63	43	643161	103.546	ug/l	99
59) 2-Hexanone	9.48	43	496089	103.271	ug/l	100
61) Tetrachloroethene	9.33	164	110942	22.757	ug/l	96
62) Toluene	8.78	91	356358	20.364	ug/l	99
64) Chlorobenzene	10.13	112	227038	20.783	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.21	131	83812	20.773	ug/l	98
66) Ethyl Benzene	10.25	91	388055	20.359	ug/l	97
67) m/p-Xylenes	10.35	106	296306	40.584	ug/l	100
68) o-Xylene	10.70	106	141503	19.903	ug/l	99
69) Styrene	10.71	104	245207	20.356	ug/l	99
70) Isopropylbenzene	11.01	105	381536	20.485	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	126586	20.177	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	111833m	20.839	ug/l	
73) Bromobenzene	11.25	156	100420	20.339	ug/l	98
74) n-propylbenzene	11.35	91	436094	20.490	ug/l	99
75) 2-Chlorotoluene	11.42	91	260400	20.415	ug/l	99
76) 1,3,5-Trimethylbenzene	11.50	105	316500	20.393	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	41057	19.878	ug/l	94
78) 4-Chlorotoluene	11.51	91	292702	20.206	ug/l	98
79) tert-butylbenzene	11.76	119	288407	19.860	ug/l	96
80) 1,2,4-Trimethylbenzene	11.80	105	318742	20.591	ug/l	100
81) sec-Butylbenzene	11.94	105	366796	20.412	ug/l	98
82) p-Isopropyltoluene	12.06	119	335646	20.461	ug/l	100
83) 1,3-Dichlorobenzene	12.02	146	176044	20.421	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	176483	20.649	ug/l	100
85) n-Butylbenzene	12.38	91	279212	19.453	ug/l	100
86) Hexachloroethane	12.59	117	58603	19.921	ug/l	97
87) 1,2-Dichlorobenzene	12.38	146	177653	20.423	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	27381	20.431	ug/l	98
89) 1,2,4-Trichlorobenzene	13.64	180	115320	20.085	ug/l	98
90) Hexachlorobutadiene	13.77	225	60511	21.092	ug/l	97
91) Naphthalene	13.83	128	348650	20.117	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	121715	20.827	ug/l	98

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0203WBSD02

Manual Integrations
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Quant Time: Feb 03 16:40:29 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)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

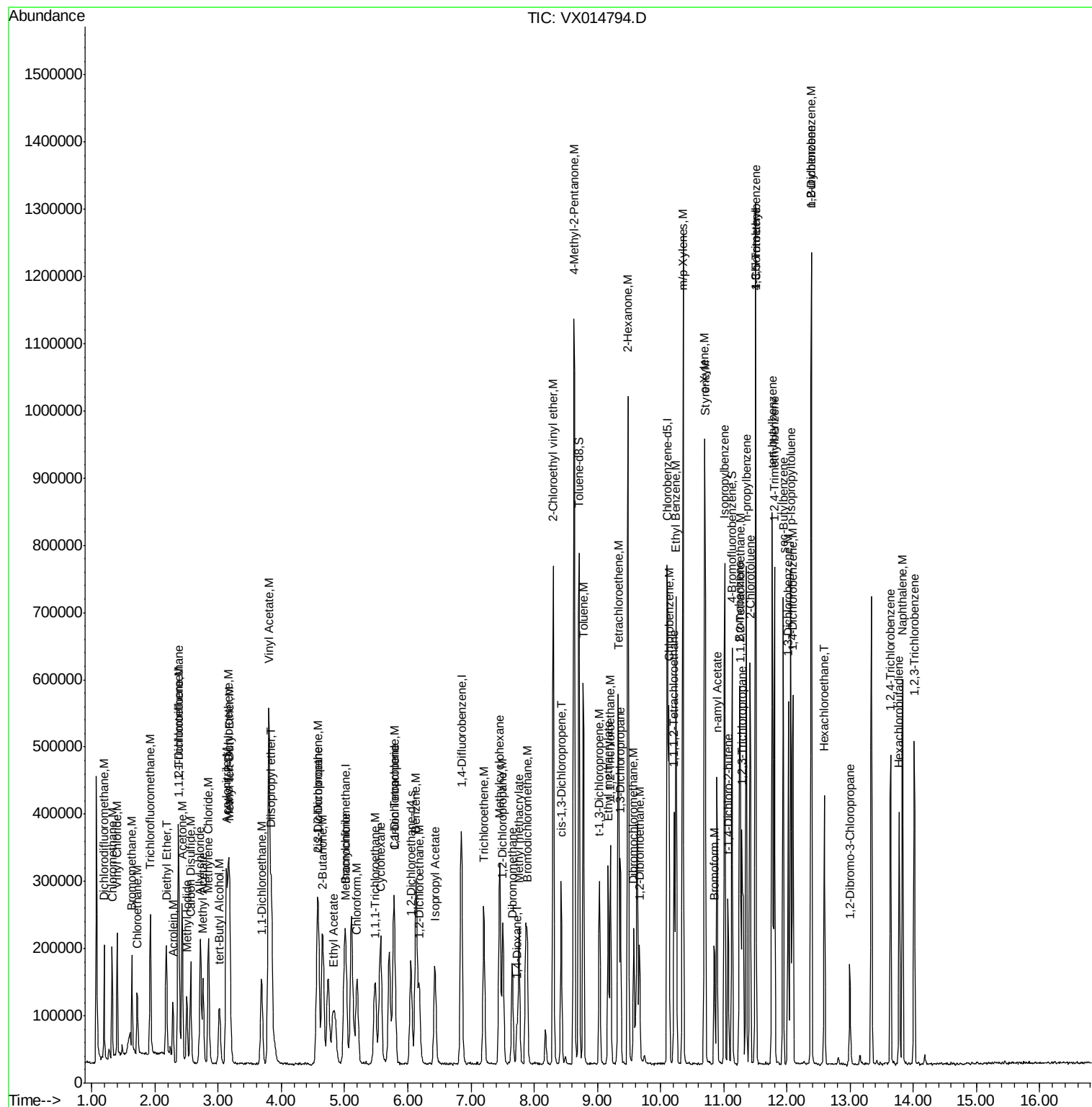
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX020320\
Data File : VX014794.D
Acq On : 03 Feb 2020 14:17
Operator : JC/SP
Sample : VX0203WBSD02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

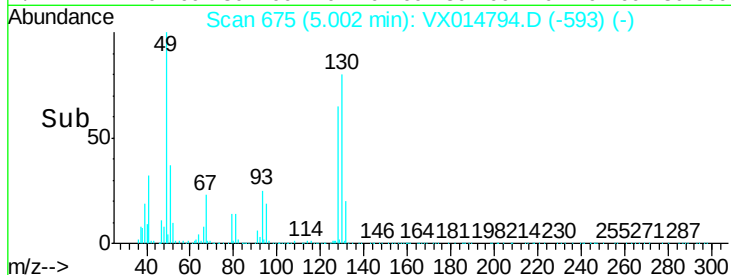
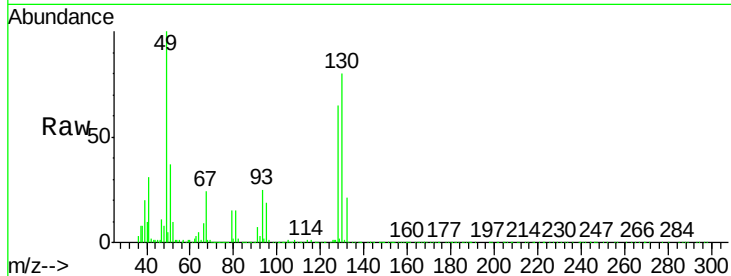
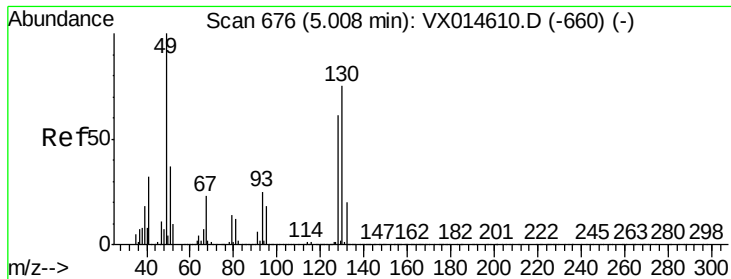
Instrument :
MSVOA_X
ClientSampled :
VX0203WBSD02

Manual Integrations
APPROVED

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2/4/2020 3:32:22 PM

Quant Time: Feb 03 16:40:29 2020
Quant Method : Z:\V0ASRV\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





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.00 min Scan# 675

Delta R.T. -0.00 min

Lab File: VX014794.D

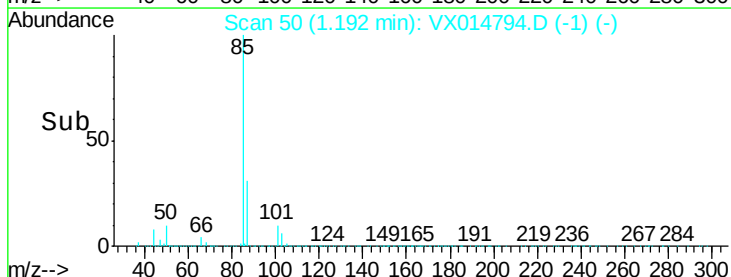
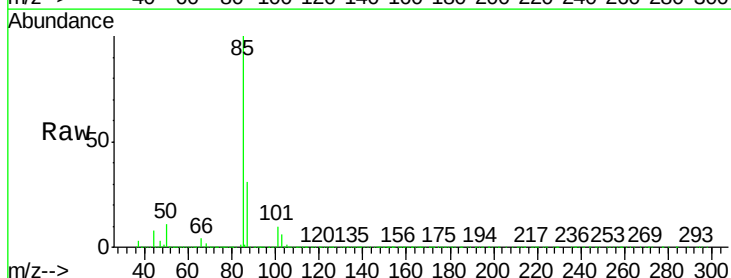
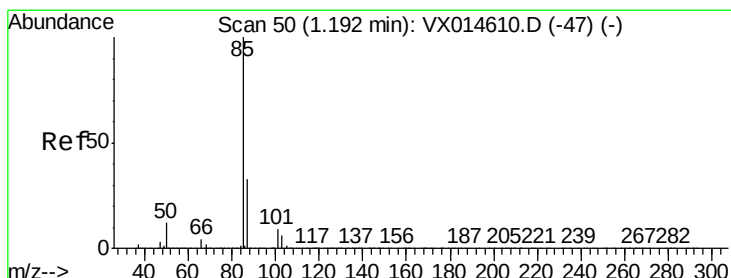
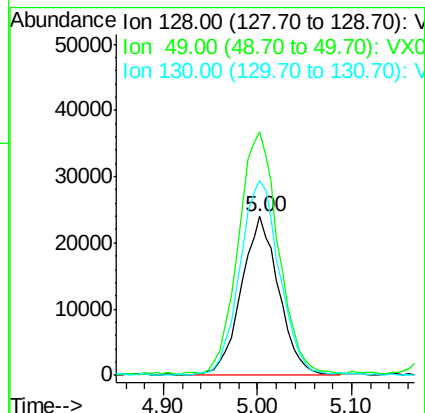
Acq: 03 Feb 2020 14:17

Tot Ion:	128	Resp:	66725
Ion	Ratio	Lower	Upper
128	100		
49	160.9	0.0	405.0
130	129.1	0.0	321.5

Instrument :
MSVOA_X
ClientSampleId :
VX0203WBSD02

Manual Integrations
APPROVED

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2/4/2020 3:32:22 PM



#2

Dichlorodifluoromethane

Concen: 20.464 ug/l

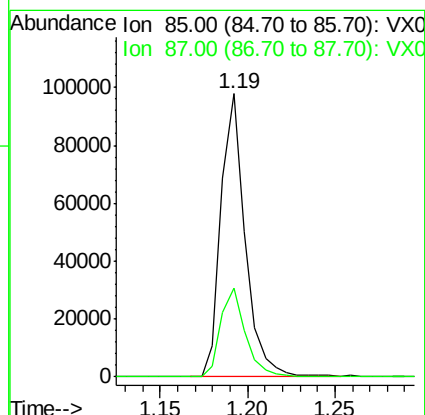
RT: 1.19 min Scan# 50

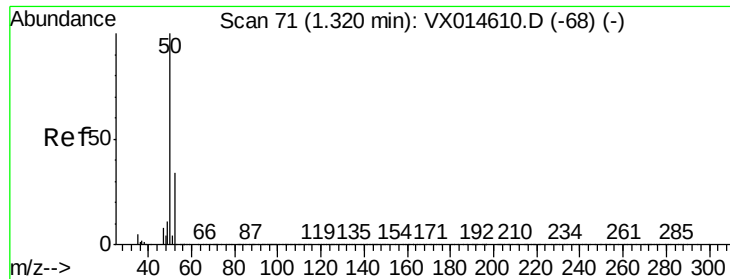
Delta R.T. -0.00 min

Lab File: VX014794.D

Acq: 03 Feb 2020 14:17

Tgt Ion:	85	Resp:	94366
Ion	Ratio	Lower	Upper
85	100		
87	31.3	16.3	48.9





#3

Chloromethane

Concen: 19.302 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX014794.D

Acq: 03 Feb 2020 14:17

Instrument :

MSVOA_X

ClientSampleId :

VX0203WBSD02

Tot Ion: 50 Resp: 97450

Ion Ratio Lower Upper

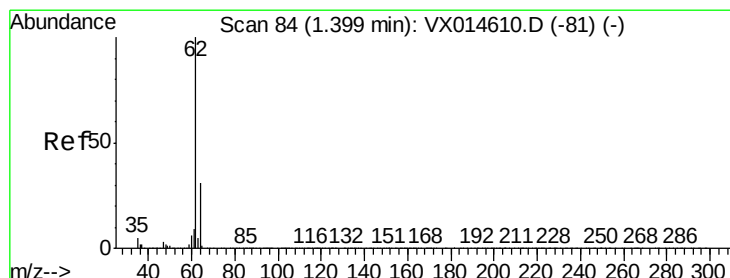
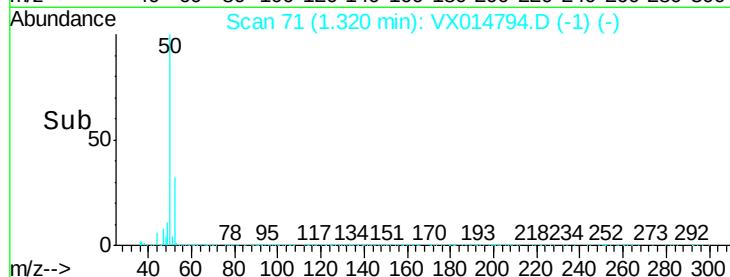
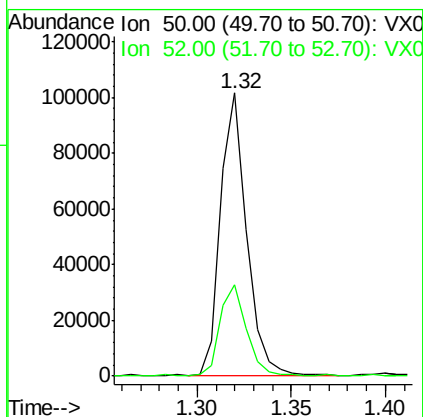
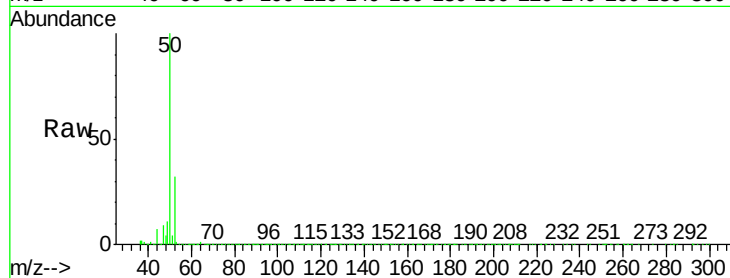
50 100

52 32.0 24.3 36.5

Manual Integrations
APPROVED

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#4

Vinyl Chloride

Concen: 19.302 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX014794.D

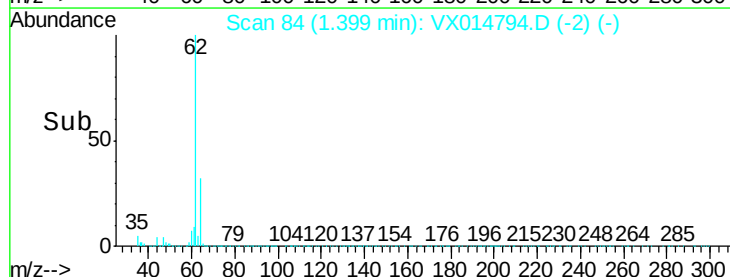
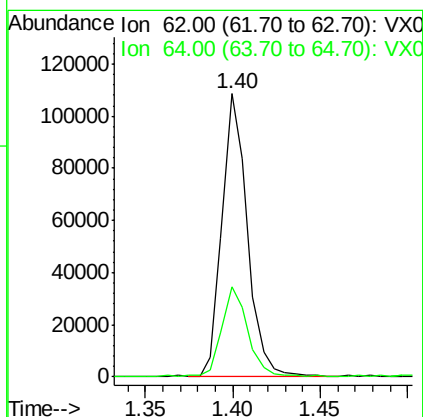
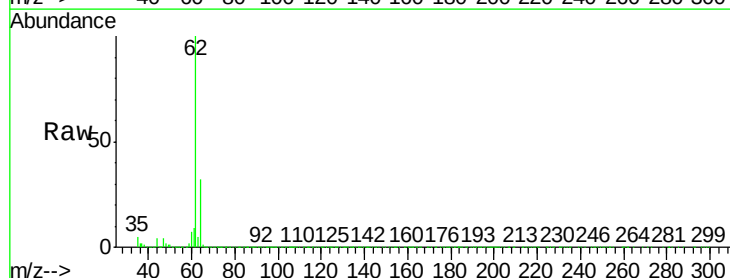
Acq: 03 Feb 2020 14:17

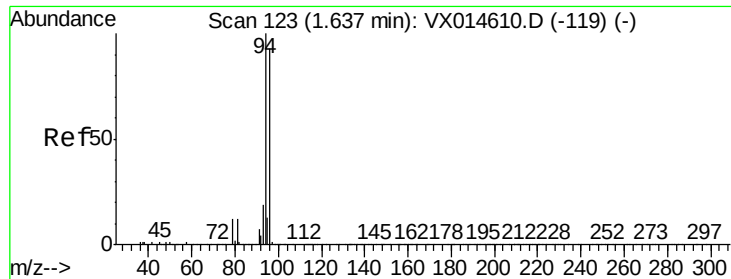
Tgt Ion: 62 Resp: 109420

Ion Ratio Lower Upper

62 100

64 31.6 25.2 37.8





#5

Bromomethane

Concen: 18.869 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX014794.D

Acq: 03 Feb 2020 14:17

Instrument :

MSVOA_X

ClientSampleId :

VX0203WBSD02

Tot Ion: 94 Resp: 66746

Ion Ratio Lower Upper

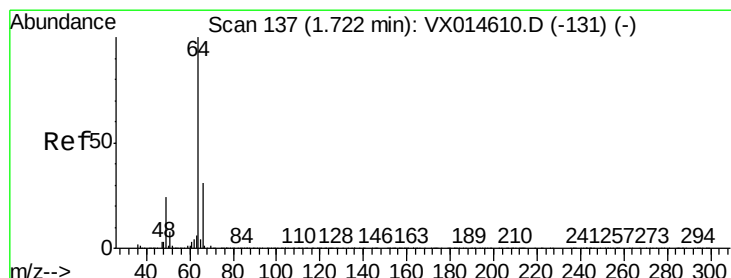
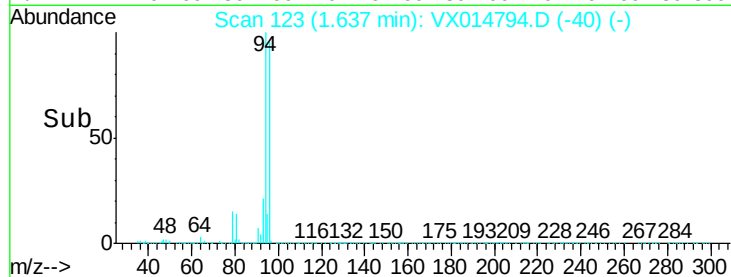
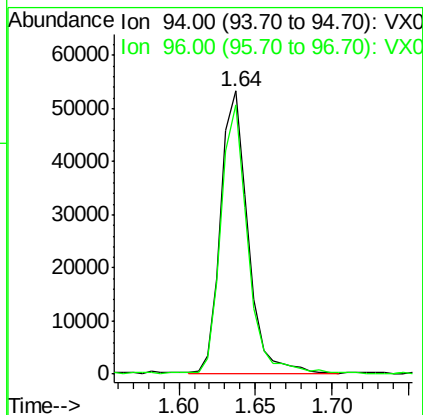
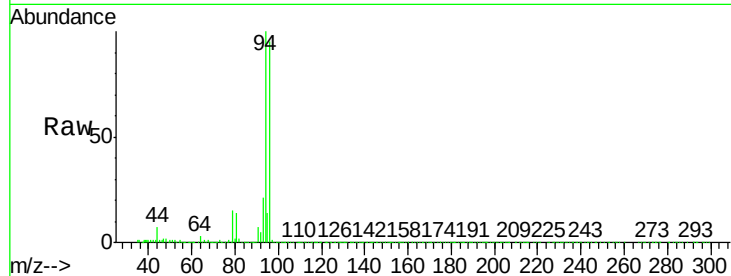
94 100

96 94.5 74.4 111.6

Manual Integrations
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#6

Chloroethane

Concen: 19.240 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.02 min

Lab File: VX014794.D

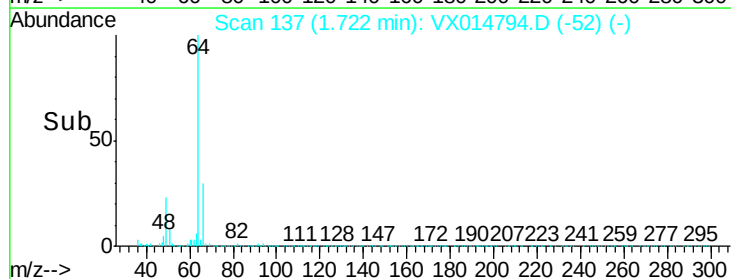
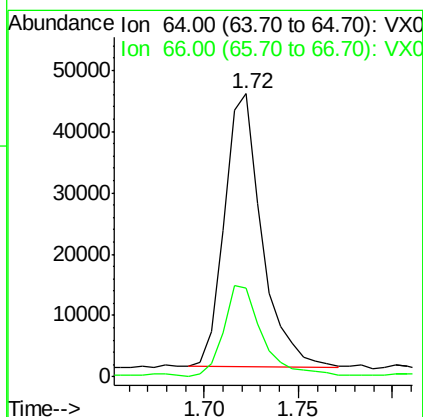
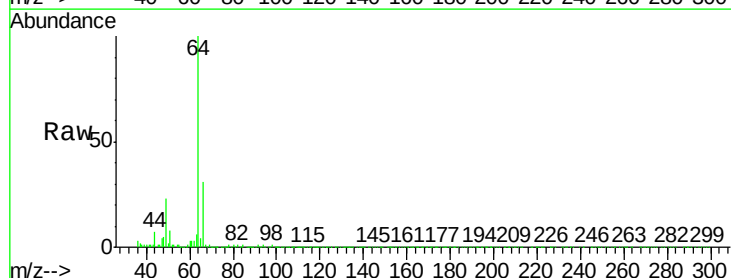
Acq: 03 Feb 2020 14:17

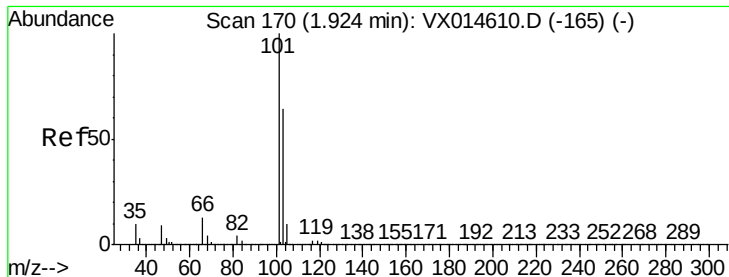
Tgt Ion: 64 Resp: 61485

Ion Ratio Lower Upper

64 100

66 32.1 25.2 37.8





#7

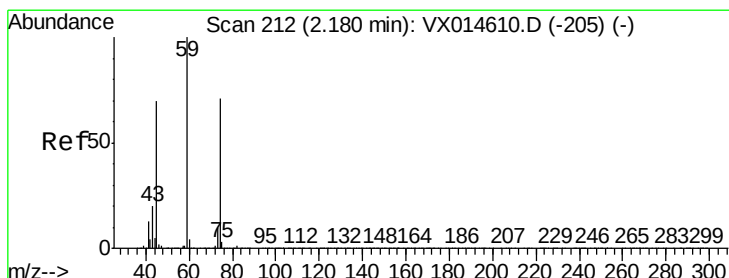
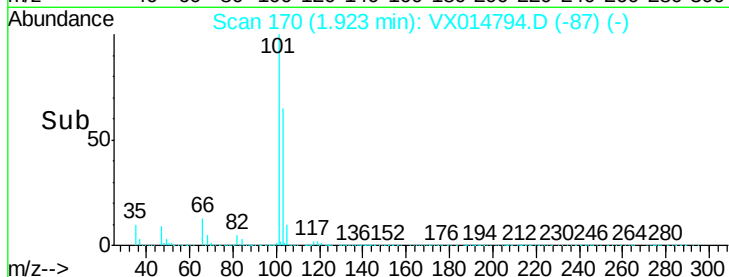
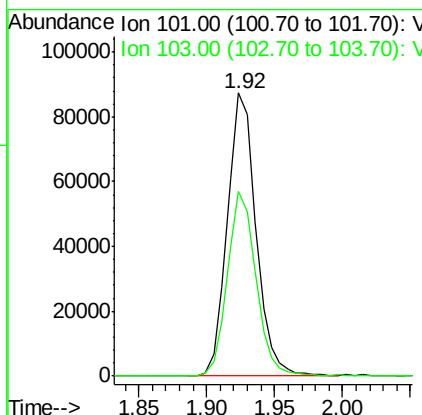
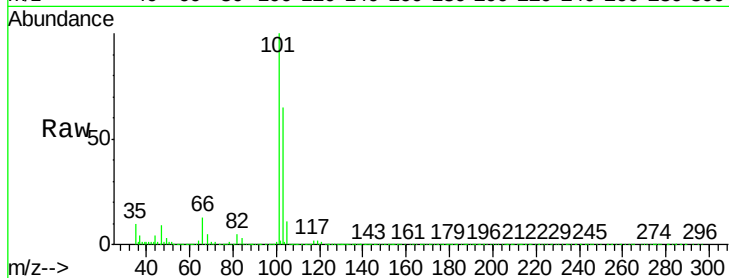
Trichlorofluoromethane
Concen: 20.261 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014794.D
Acq: 03 Feb 2020 14:17

Instrument :
MSVOA_X
ClientSampleId :
VX0203WBSD02

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.3	51.6	77.4

Manual Integrations
APPROVED

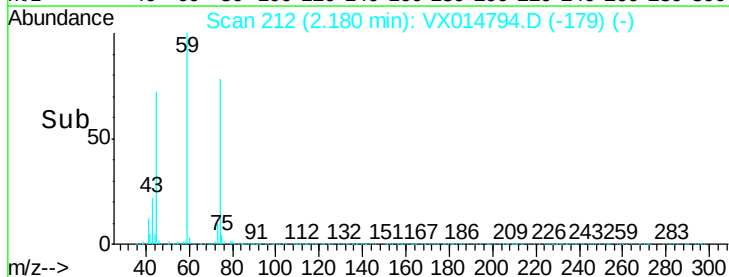
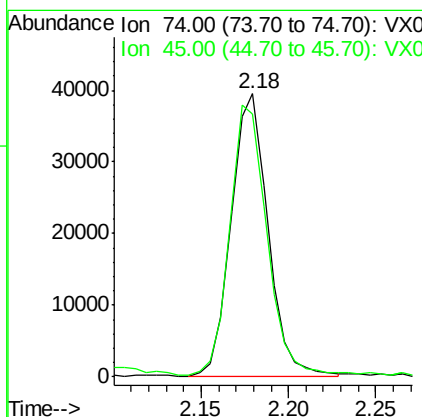
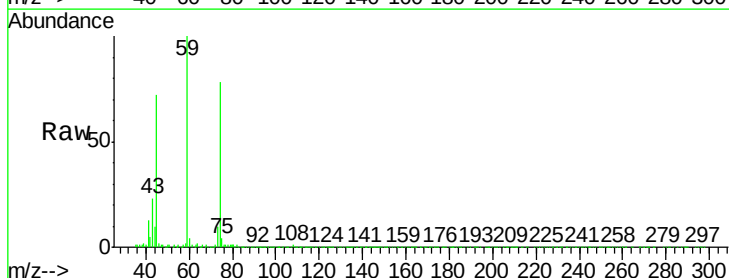
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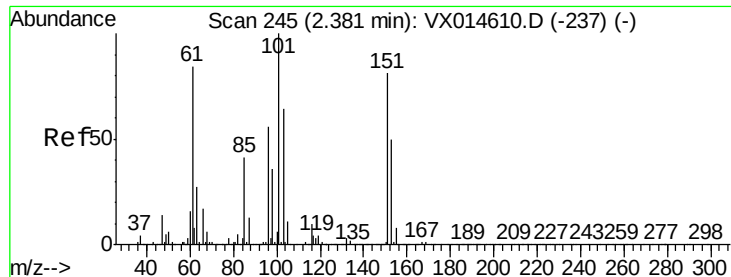


#8

Diethyl Ether
Concen: 21.006 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX014794.D
Acq: 03 Feb 2020 14:17

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.6	20.6	185.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.797 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.01 min

Lab File: VX014794.D

Acq: 03 Feb 2020 14:17

Instrument :

MSVOA_X

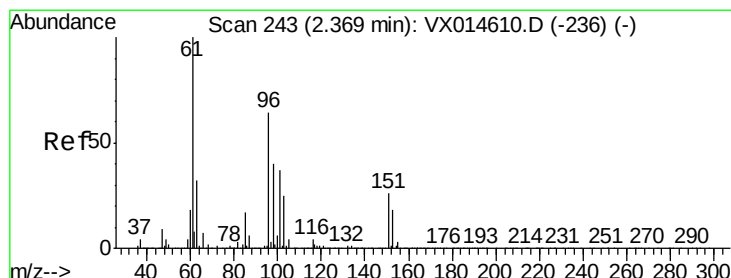
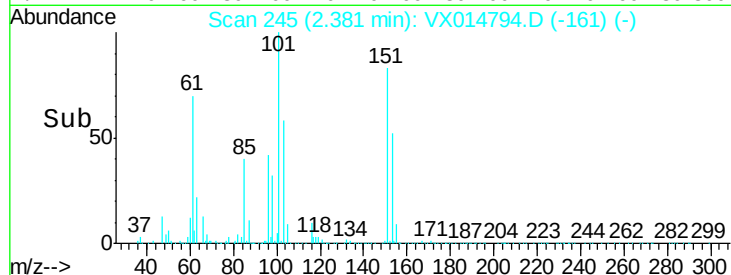
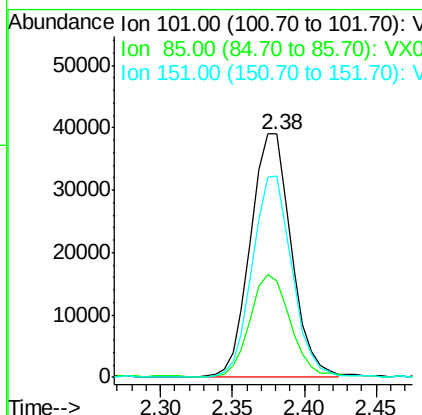
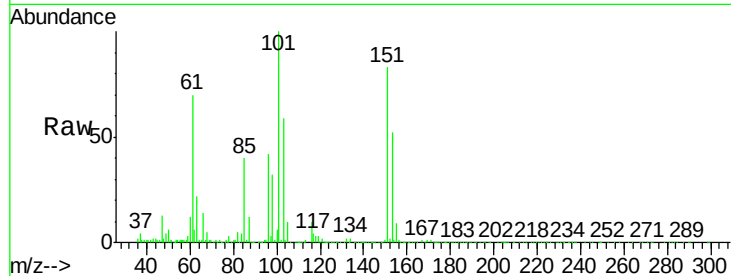
ClientSampleId :

VX0203WBSD02

Tot Ion:	101	Resp:	76371
Ion Ratio	Lower	Upper	
101	100		
85	41.7	0.0	85.6
151	81.0	0.0	159.4

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 19.819 ug/l

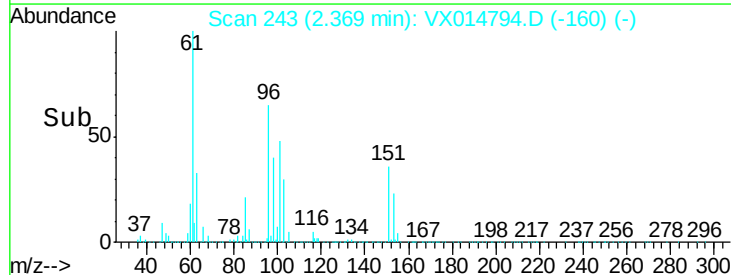
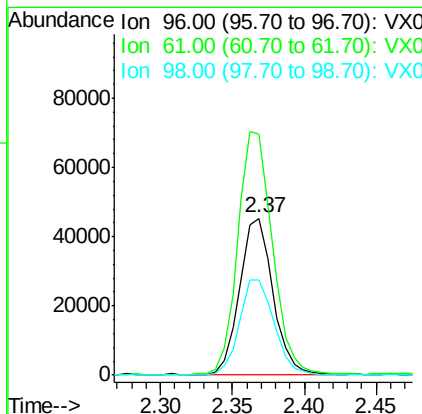
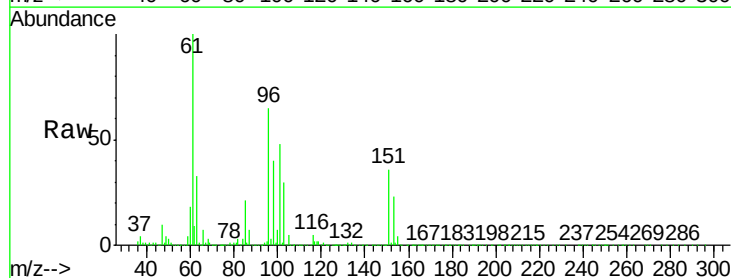
RT: 2.37 min Scan# 243

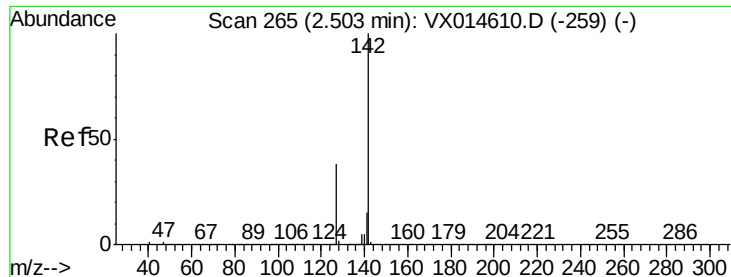
Delta R.T. 0.01 min

Lab File: VX014794.D

Acq: 03 Feb 2020 14:17

Tgt Ion:	96	Resp:	73207
Ion Ratio	Lower	Upper	
96	100		
61	153.9	123.0	184.6
98	60.6	51.4	77.0





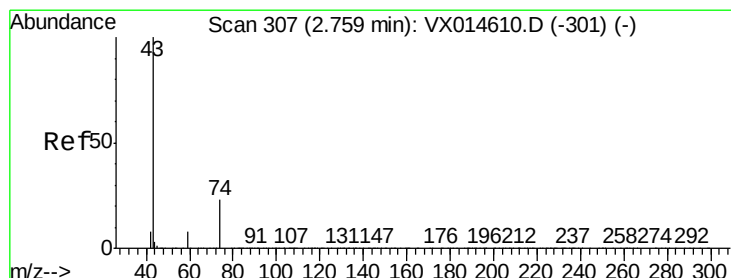
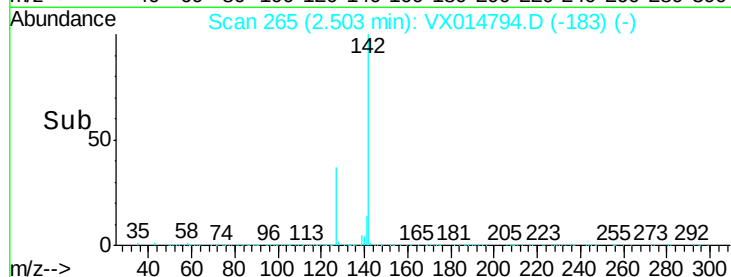
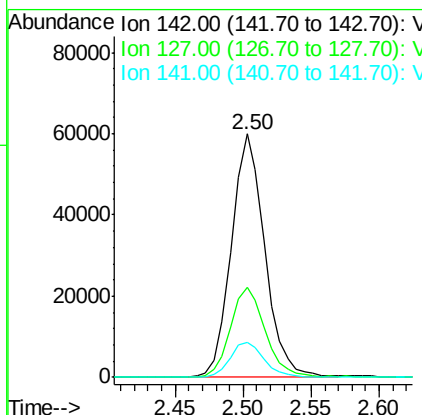
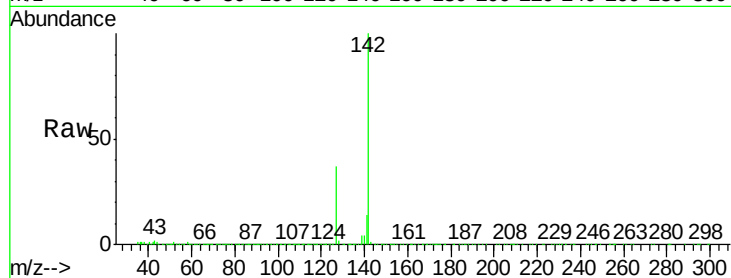
#11
Methvl Iodide
Concen: 20.627 ug/l
RT: 2.50 min Scan# 265
Delta R.T. -0.00 min
Lab File: VX014794.D
Acq: 03 Feb 2020 14:17

Instrument :
MSVOA_X
ClientSampleId :
VX0203WBSD02

Tot Ion	Ratio	Lower	Upper
142	100		
127	36.7	19.5	58.5
141	14.1	7.0	20.9

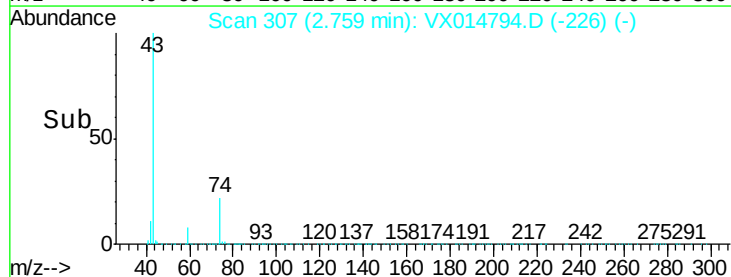
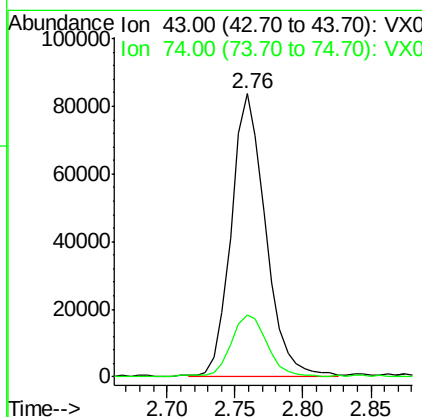
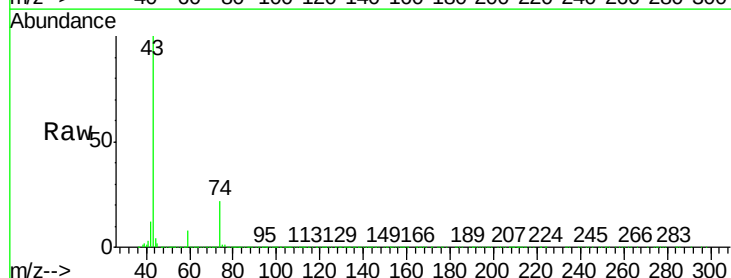
Manual Integrations
APPROVED

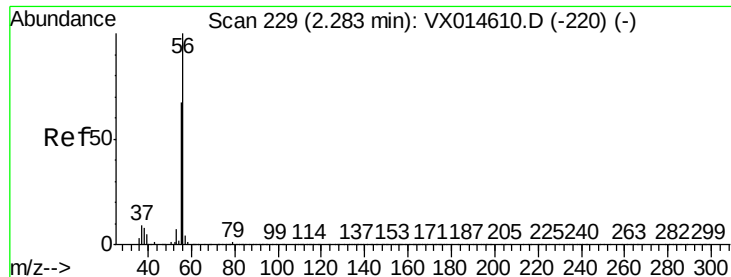
MMDadoda
2/4/2020 3:32:22 PM



#12
Methyl Acetate
Concen: 21.863 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014794.D
Acq: 03 Feb 2020 14:17

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.5	18.5	27.7





#13

Acrolein

Concen: 91.710 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX014794.D

Acq: 03 Feb 2020 14:17

Instrument :

MSVOA_X

ClientSampleId :

VX0203WBSD02

Tot Ion: 56 Resp: 64278

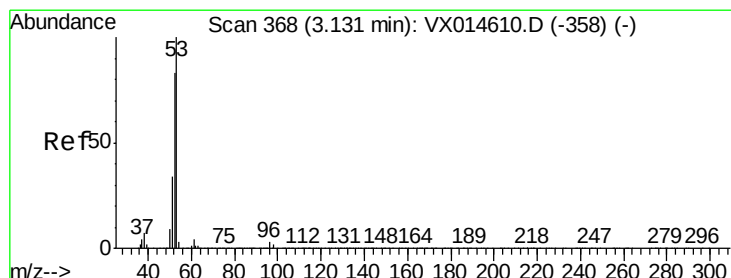
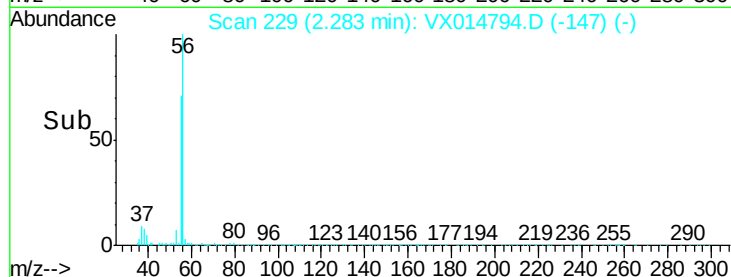
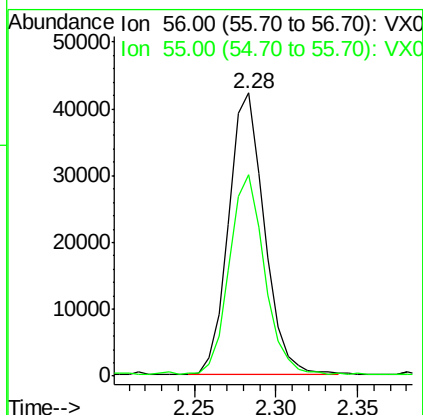
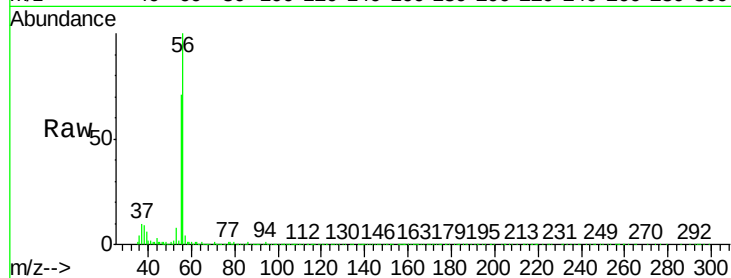
Ion Ratio Lower Upper

56 100

55 69.8 54.9 82.3

Manual Integrations
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#14

Acrylonitrile

Concen: 100.028 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014794.D

Acq: 03 Feb 2020 14:17

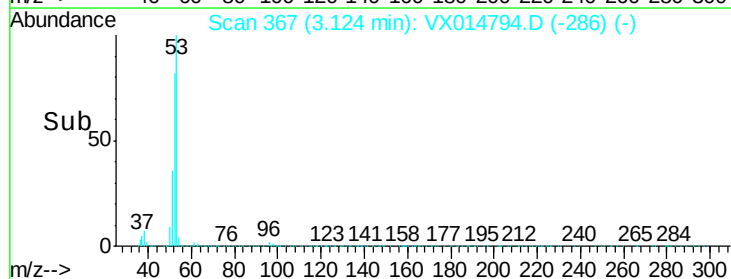
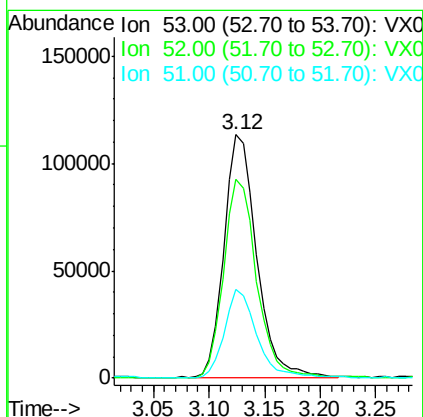
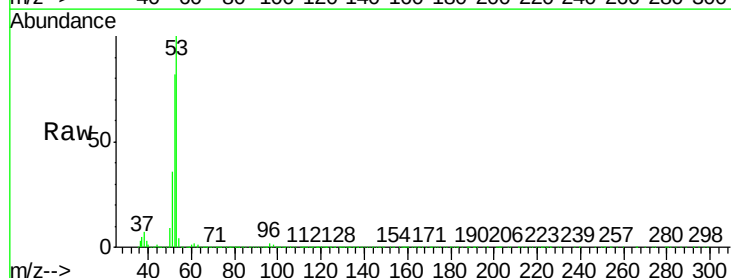
Tgt Ion: 53 Resp: 228383

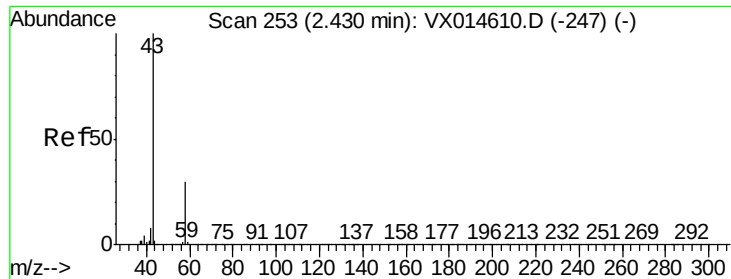
Ion Ratio Lower Upper

53 100

52 83.6 41.5 124.6

51 35.8 17.8 53.5





#15

Acetone

Concen: 99.274 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014794.D

Acq: 03 Feb 2020 14:17

Instrument :

MSVOA_X

ClientSampleId :

VX0203WBSD02

Tot Ion: 58 Resp: 75988

Ion Ratio Lower Upper

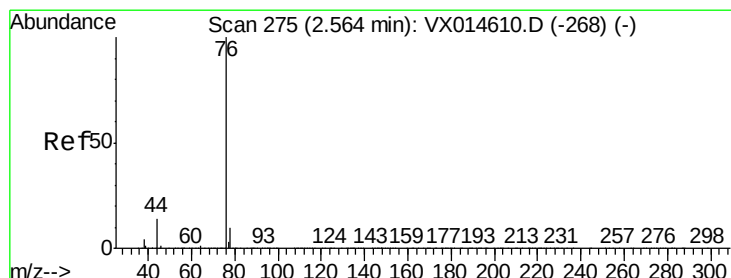
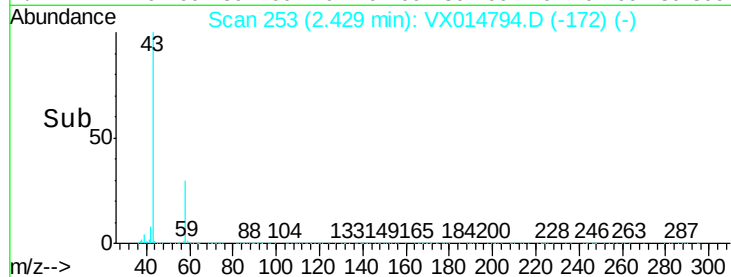
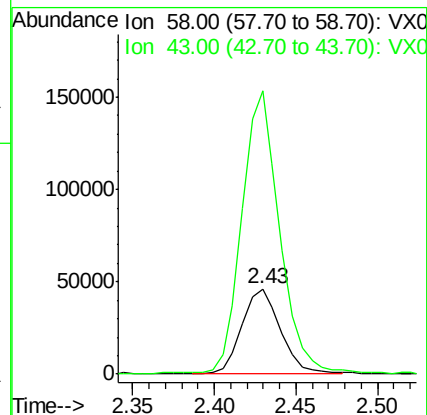
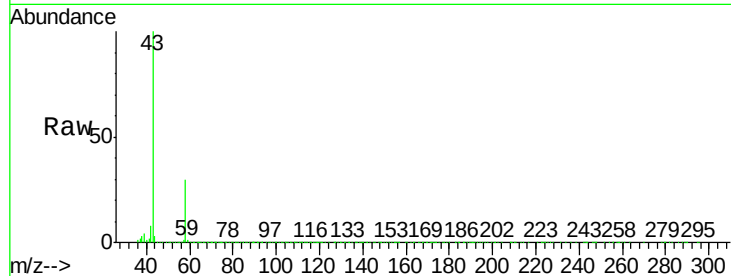
58 100

43 333.0 236.3 354.5

Manual Integrations
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#16

Carbon Disulfide

Concen: 18.762 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014794.D

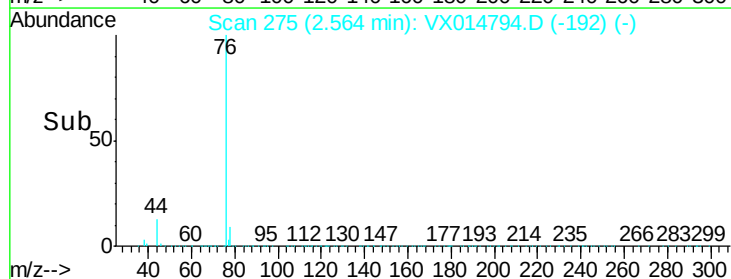
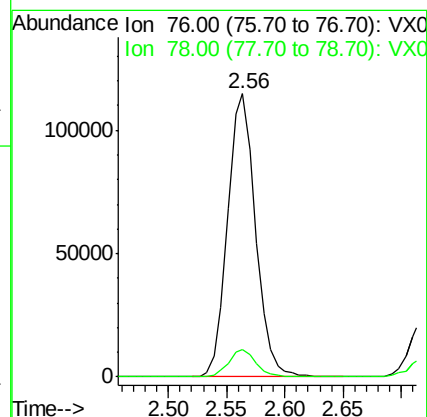
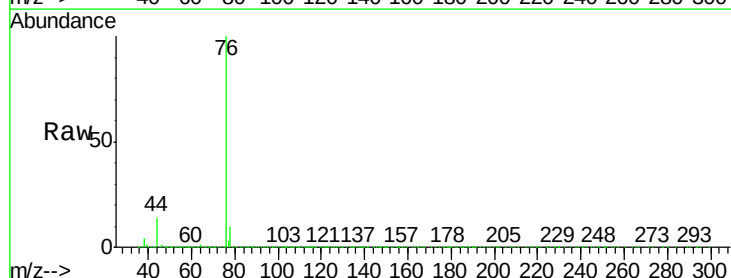
Acq: 03 Feb 2020 14:17

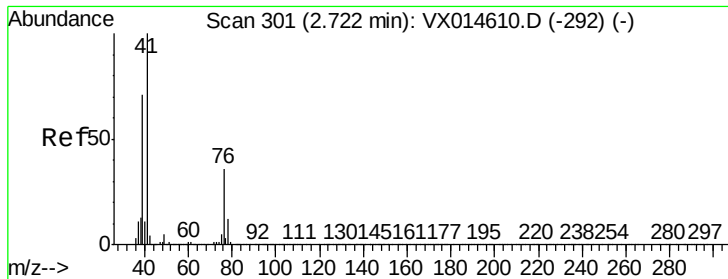
Tgt Ion: 76 Resp: 190335

Ion Ratio Lower Upper

76 100

78 9.5 7.8 11.8





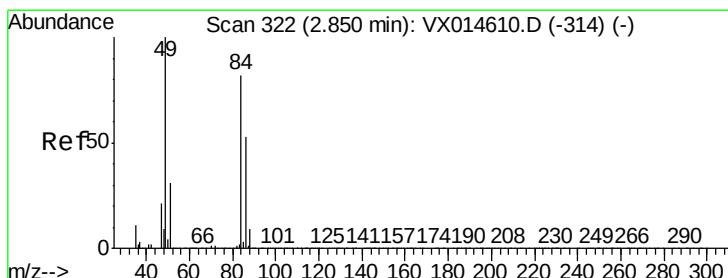
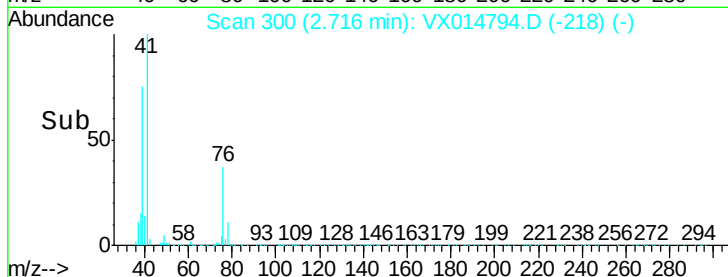
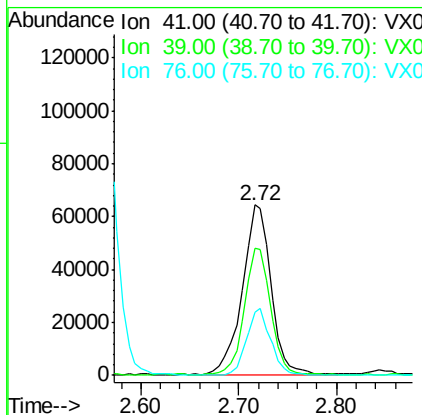
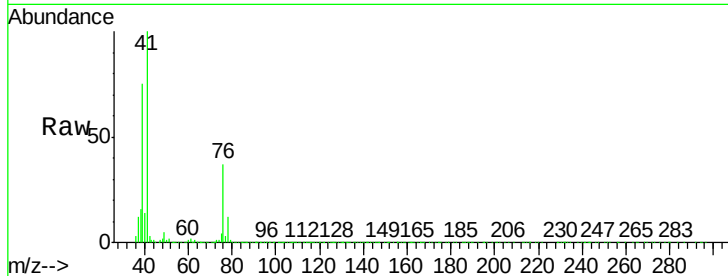
#17
Allvl chloride
Concen: 19.193 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.00 min
Lab File: VX014794.D
Acq: 03 Feb 2020 14:17

Instrument :
MSVOA_X
ClientSampleId :
VX0203WBSD02

Tot Ion	Ratio	Lower	Upper
41	100		
39	74.9	33.4	100.2
76	36.7	17.0	50.9

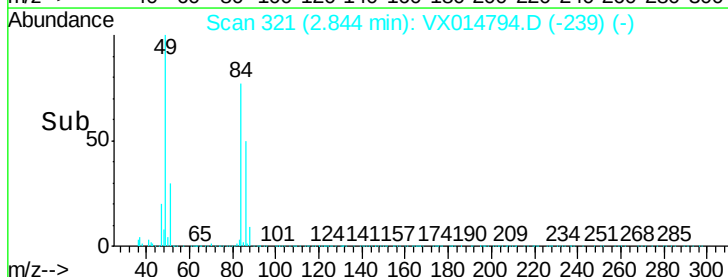
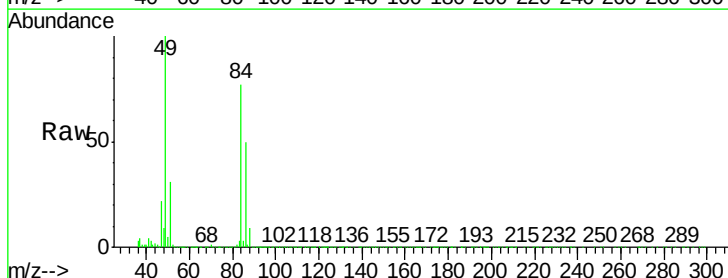
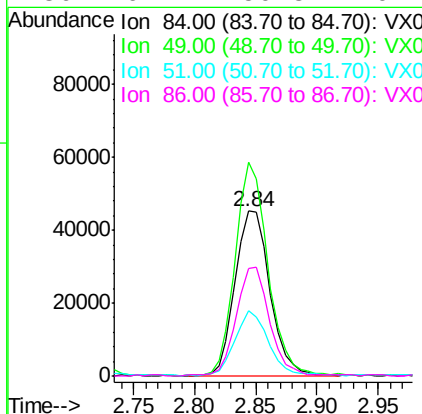
Manual Integrations
APPROVED

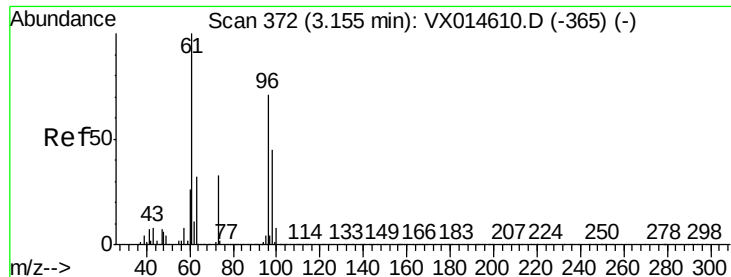
MMDadoda
2/4/2020 3:32:22 PM



#18
Methylene Chloride
Concen: 20.634 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX014794.D
Acq: 03 Feb 2020 14:17

Tgt Ion	Ratio	Lower	Upper
84	100		
49	128.8	102.2	153.2
51	38.9	31.4	47.0
86	64.7	50.8	76.2





#19

trans-1,2-Dichloroethene

Concen: 20.071 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX014794.D

Acq: 03 Feb 2020 14:17

Instrument :

MSVOA_X

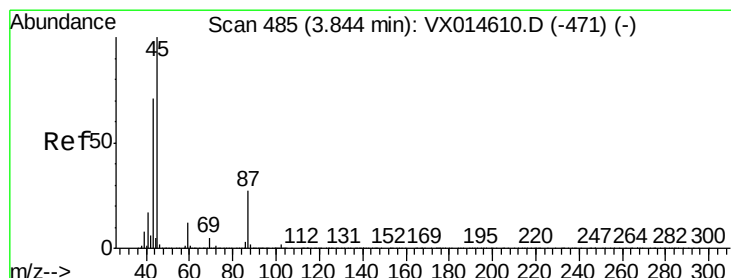
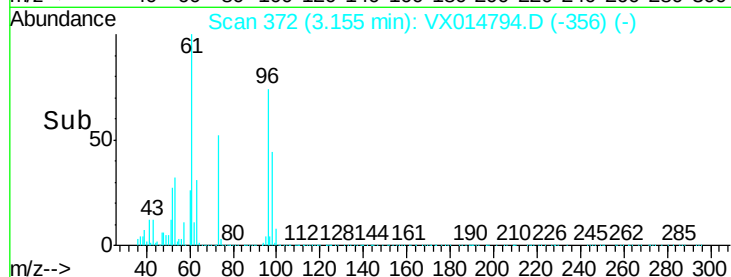
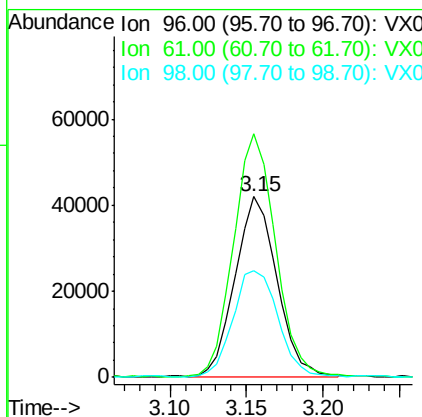
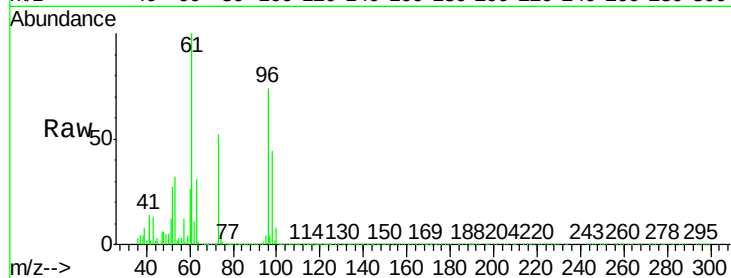
ClientSampleId :

VX0203WBSD02

Tot Ion:	96	Resp:	79807
Ion	Ratio	Lower	Upper
96	100		
61	134.9	106.6	159.8
98	59.0	51.6	77.4

Manual Integrations
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2/4/2020 3:32:22 PM



#20

Diisopropyl ether

Concen: 20.611 ug/l

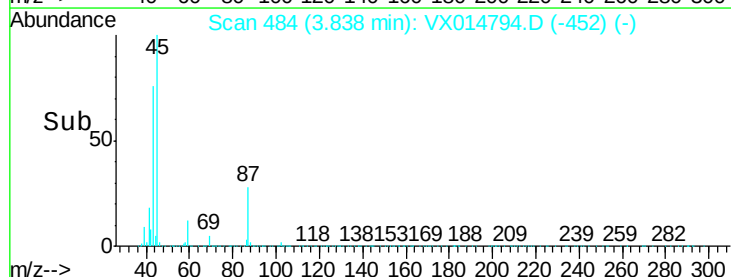
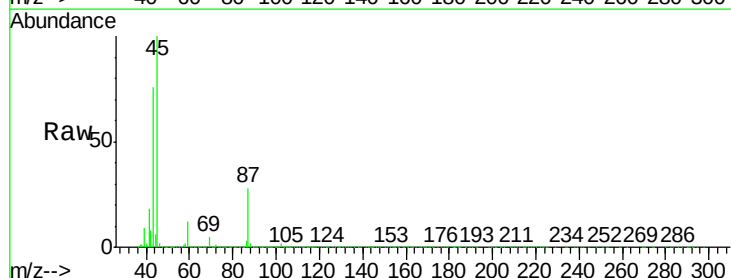
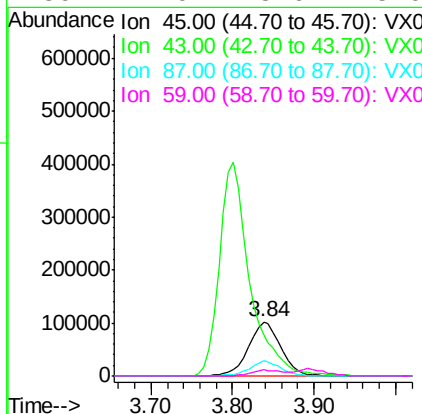
RT: 3.84 min Scan# 484

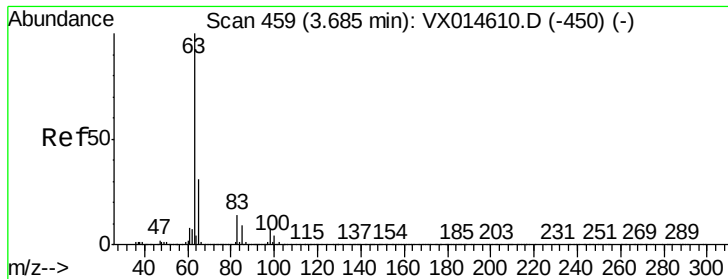
Delta R.T. -0.01 min

Lab File: VX014794.D

Acq: 03 Feb 2020 14:17

Tgt Ion:	45	Resp:	278771
Ion	Ratio	Lower	Upper
45	100		
43	75.4	55.9	83.9
87	28.0	22.2	33.2
59	12.0	8.6	13.0





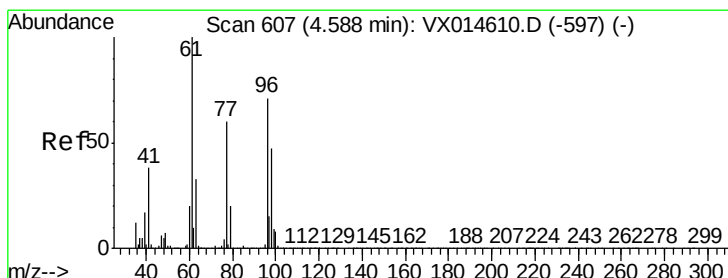
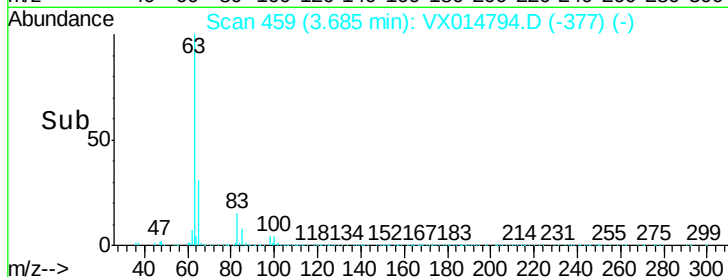
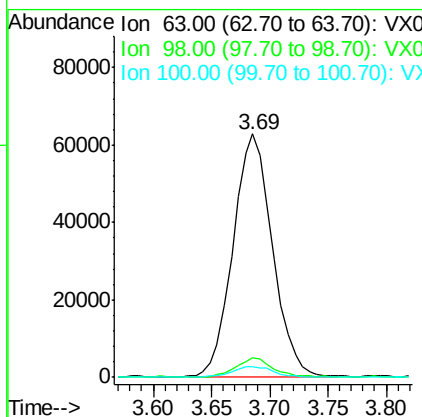
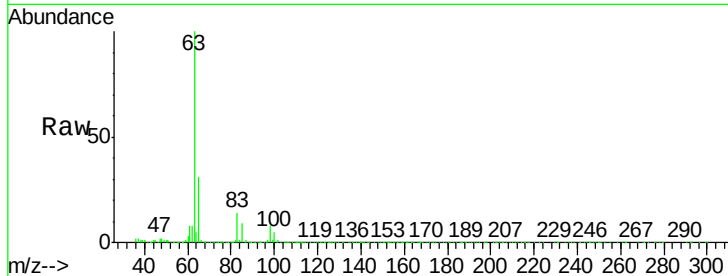
#21
1,1-Dichloroethane
Concen: 20.105 ug/l
RT: 3.69 min Scan# 459
Delta R.T. -0.00 min
Lab File: VX014794.D
Acq: 03 Feb 2020 14:17

Instrument :
MSVOA_X
ClientSampleId :
VX0203WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
63	100	147721		
98	7.8	3.4	10.1	
100	4.4	2.5	7.4	

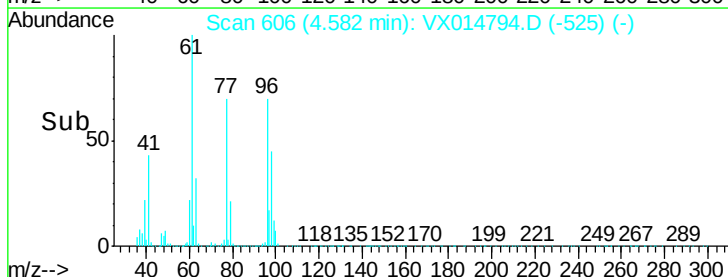
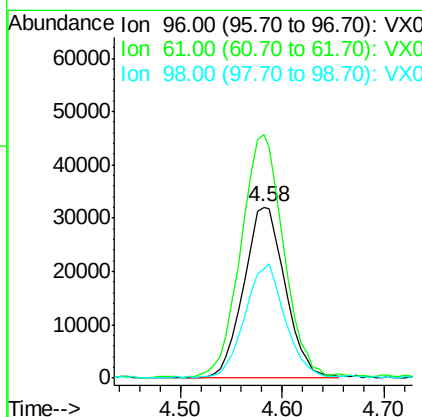
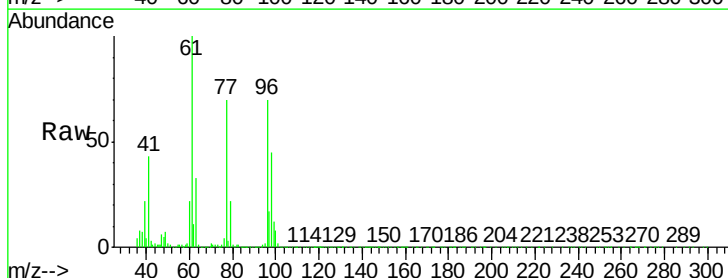
Manual Integrations
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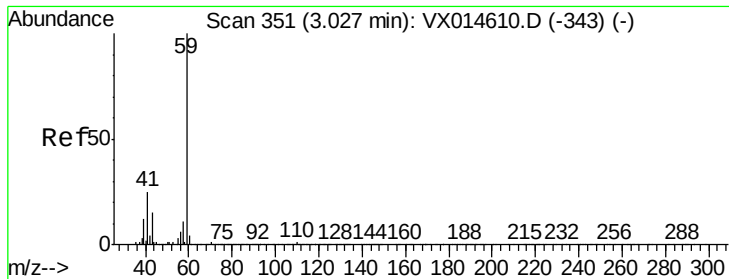
MMDadoda
2/4/2020 3:32:22 PM



#22
cis-1,2-Dichloroethene
Concen: 19.909 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014794.D
Acq: 03 Feb 2020 14:17

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	90970		
61	144.8	112.4	168.6	
98	63.6	50.3	75.5	





#23

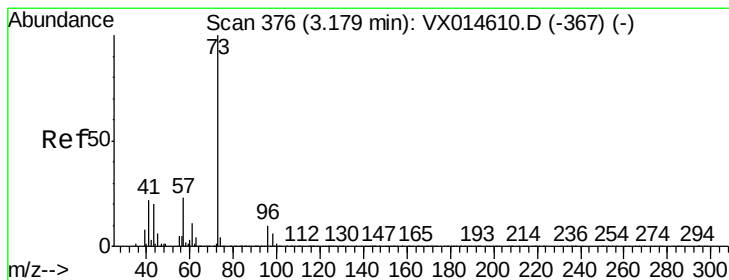
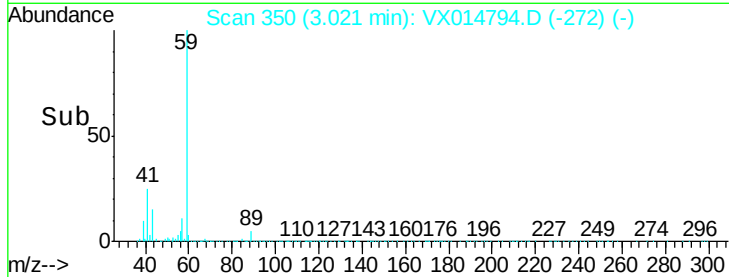
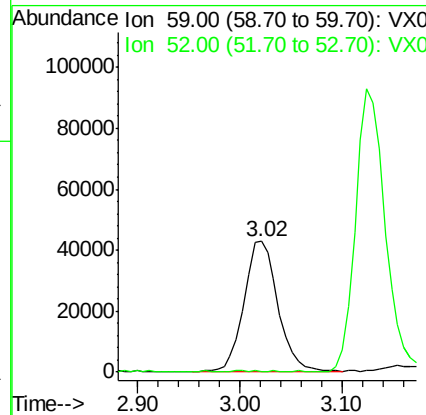
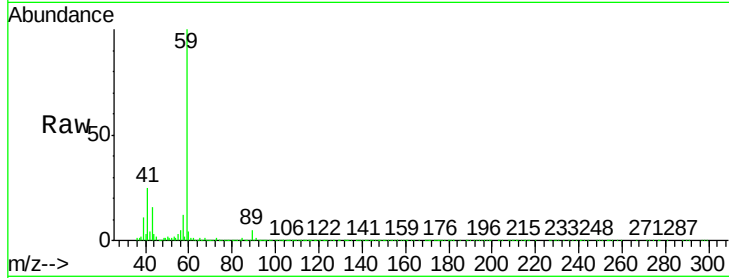
tert-Butyl Alcohol
Concen: 104.940 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.02 min
Lab File: VX014794.D
Acq: 03 Feb 2020 14:17

Instrument :
MSVOA_X
ClientSampleId :
VX0203WBSD02

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

Manual Integrations
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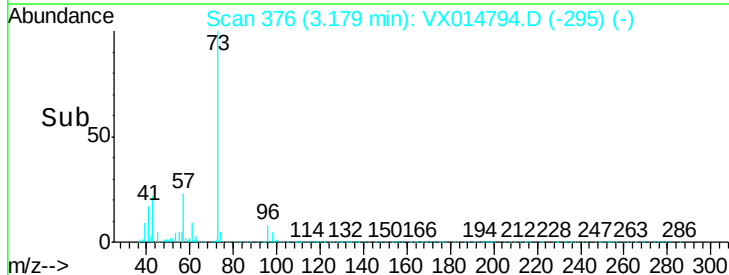
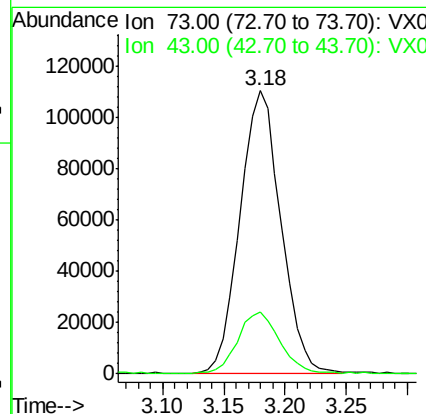
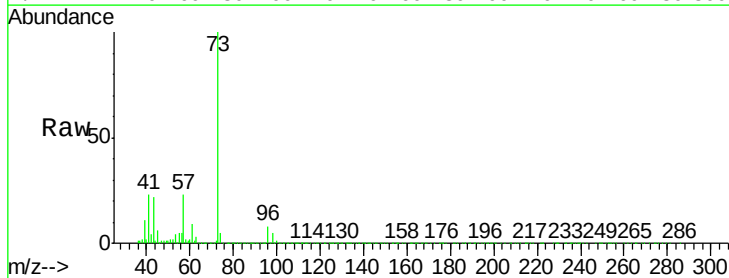
MMDadoda
2/4/2020 3:32:22 PM

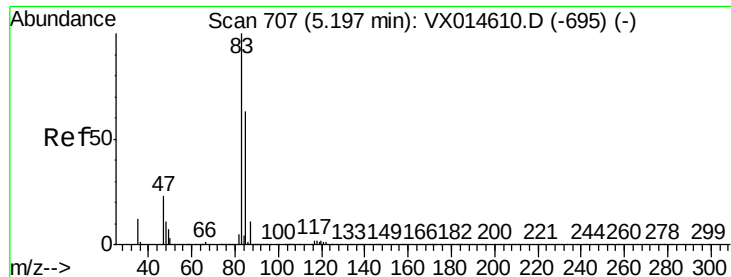


#24

Methyl tert-Butyl Ether
Concen: 20.796 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014794.D
Acq: 03 Feb 2020 14:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
73	73	100			
43	43	22.1		16.6	25.0





#25

Chloroform

Concen: 20.220 ug/l

RT: 5.19 min Scan# 706

Delta R.T. -0.01 min

Lab File: VX014794.D

Acq: 03 Feb 2020 14:17

Instrument :

MSVOA_X

ClientSampleId :

VX0203WBSD02

Tot Ion: 83 Resp: 143920

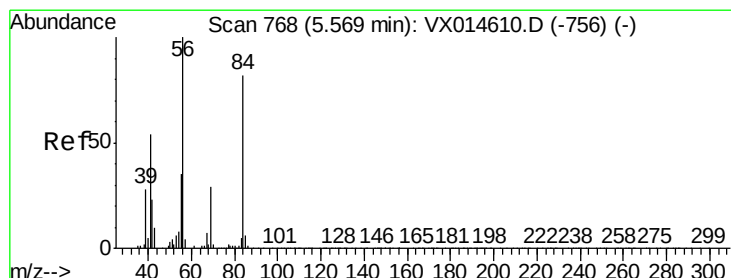
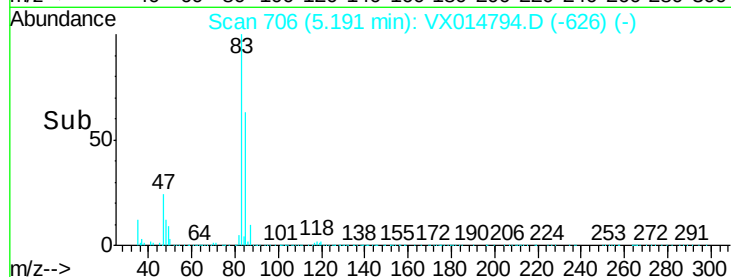
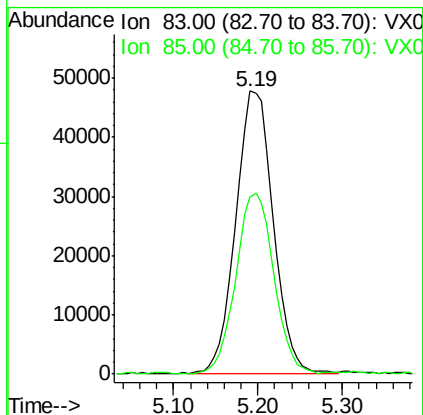
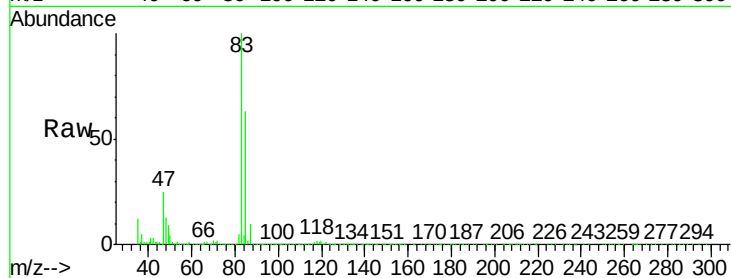
Ion Ratio Lower Upper

83 100

85 62.4 52.7 79.1

Manual Integrations
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2/4/2020 3:32:22 PM



#26

Cyclohexane

Concen: 19.116 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX014794.D

Acq: 03 Feb 2020 14:17

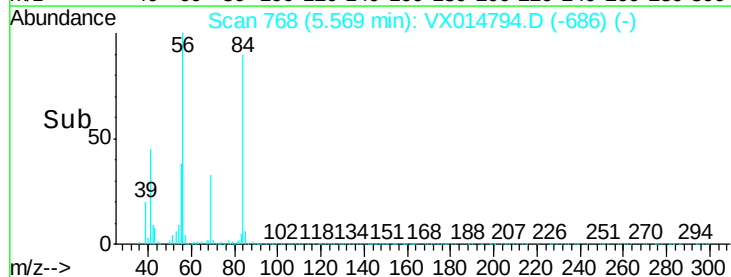
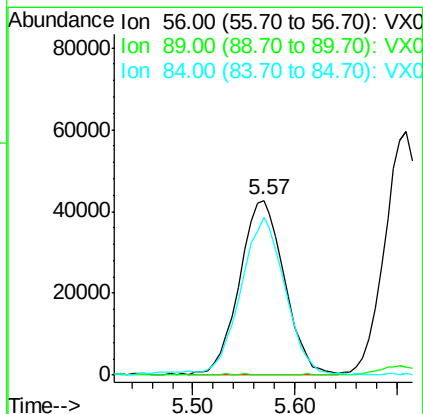
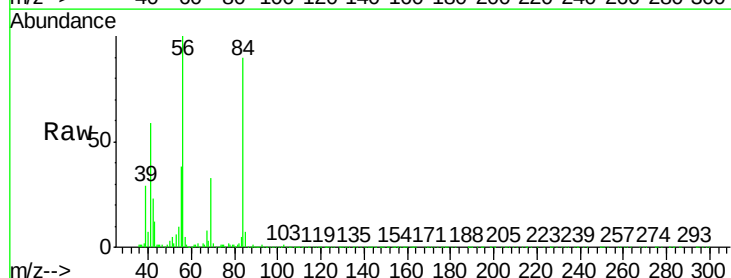
Tgt Ion: 56 Resp: 129556

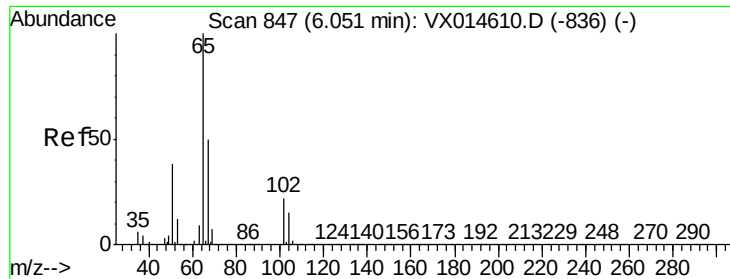
Ion Ratio Lower Upper

56 100

89 0.2 0.1 0.1#

84 89.0 70.8 106.2





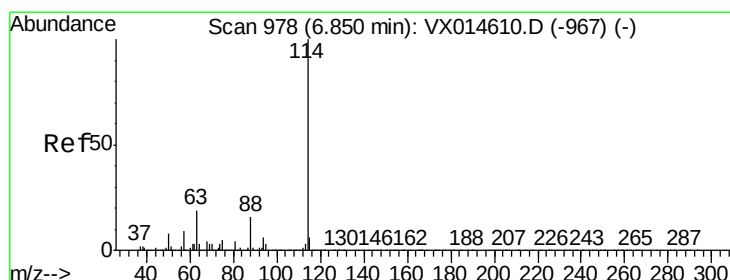
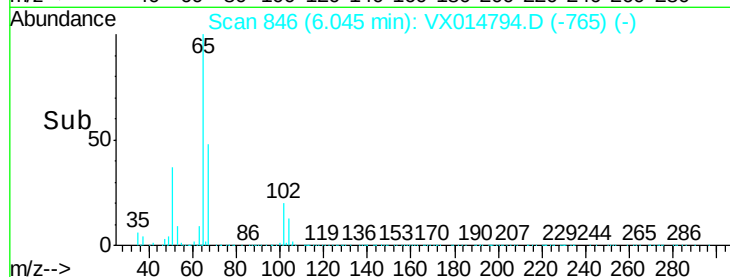
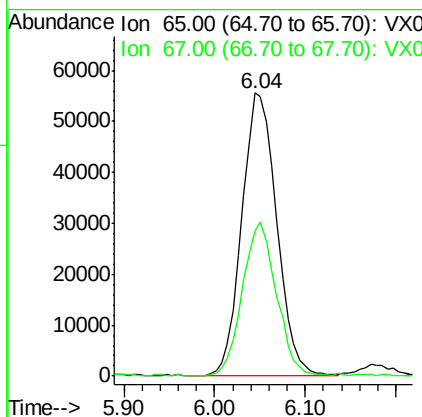
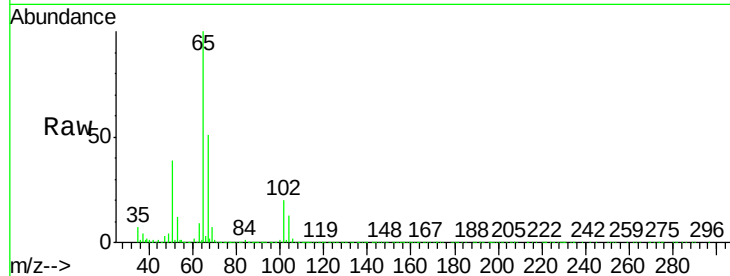
#27
 1,2-Dichloroethane-d4
 Concen: 31.533 ug/l
 RT: 6.04 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: VX014794.D
 Acq: 03 Feb 2020 14:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0203WBSD02

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.5	43.1	64.7

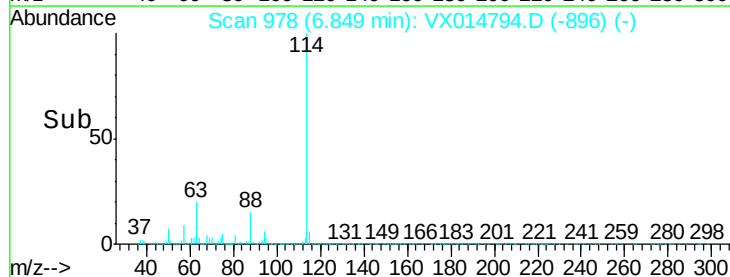
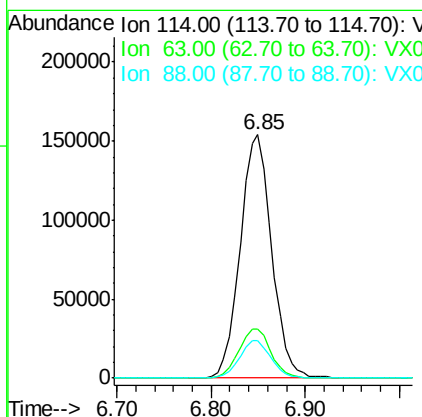
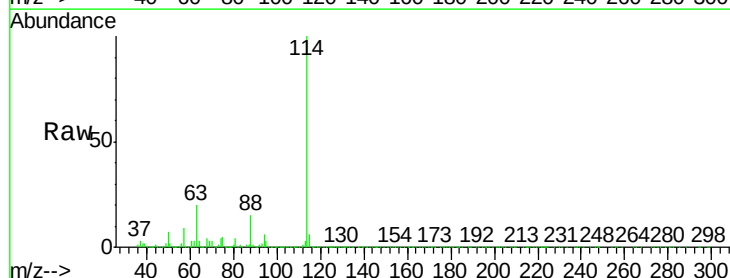
Manual Integrations
 APPROVED

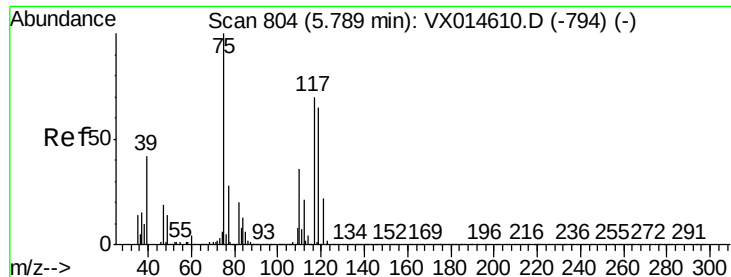
MMDadoda
 2/4/2020 3:32:22 PM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX014794.D
 Acq: 03 Feb 2020 14:17

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.9	16.1	24.1
88	15.2	12.5	18.7





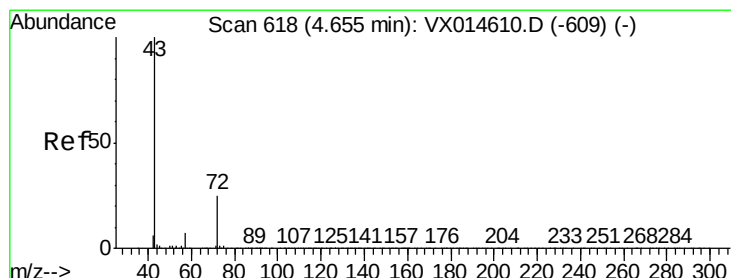
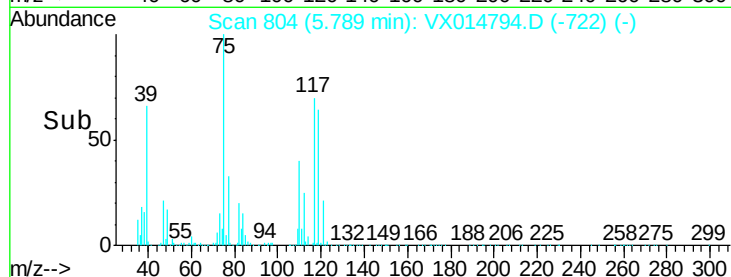
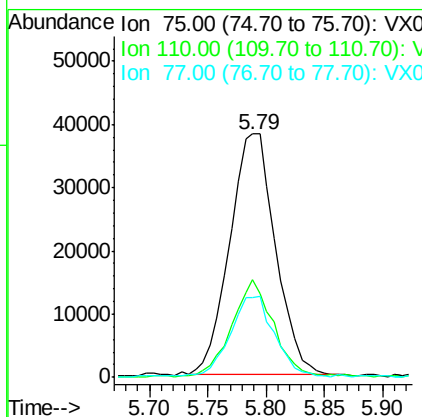
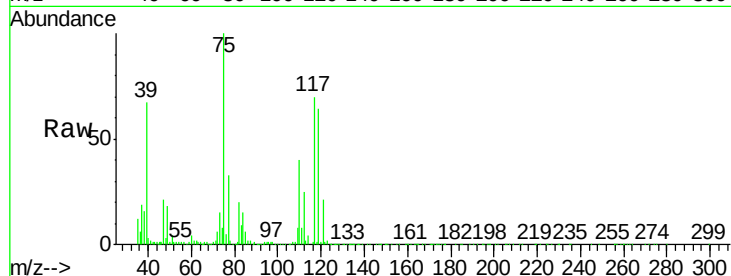
#29
 1,1-Dichloropropene
 Concen: 19.870 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX014794.D
 Acq: 03 Feb 2020 14:17

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0203WBSD02

Tot Ion:	75	Resp:	104579
Ion Ratio	Lower	Upper	
75	100		
110	36.2	0.0	73.8
77	31.8	0.0	62.4

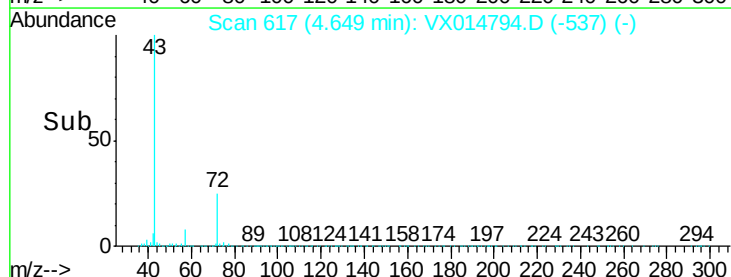
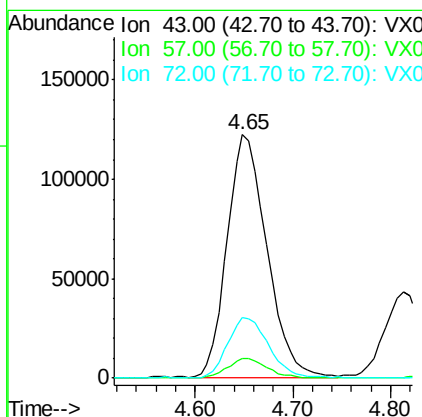
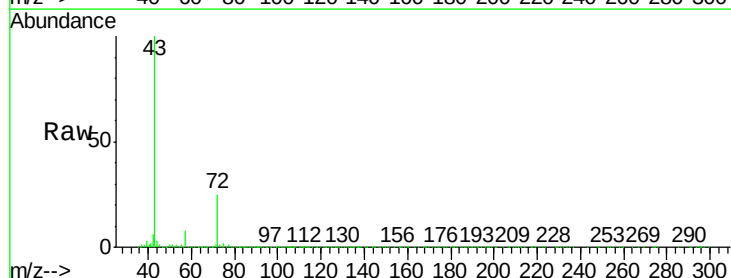
Manual Integrations
 APPROVED

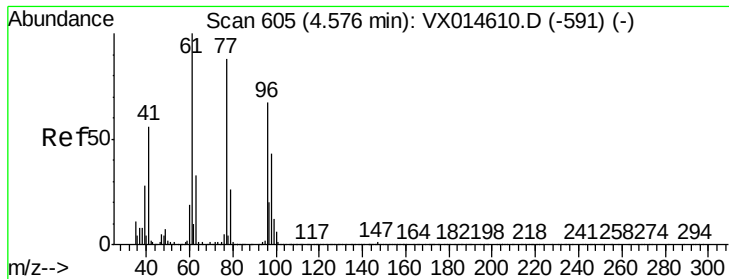
MMDadoda
 2/4/2020 3:32:22 PM



#30
 2-Butanone
 Concen: 103.216 ug/l
 RT: 4.65 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: VX014794.D
 Acq: 03 Feb 2020 14:17

Tgt Ion:	43	Resp:	344126
Ion Ratio	Lower	Upper	
43	100		
57	7.7	6.2	9.2
72	25.2	20.3	30.5





#31

2,2-Dichloropropane

Concen: 20.934 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX014794.D

Acq: 03 Feb 2020 14:17

Instrument :

MSVOA_X

ClientSampleId :

VX0203WBSD02

Tot Ion: 77 Resp: 117891

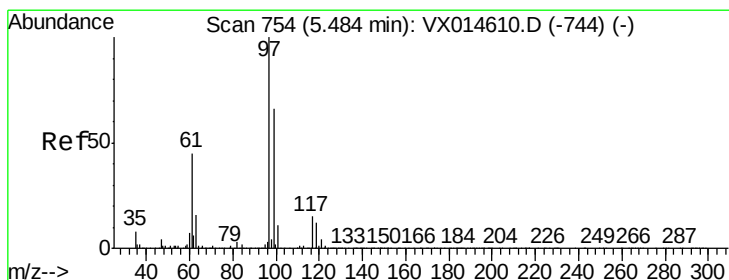
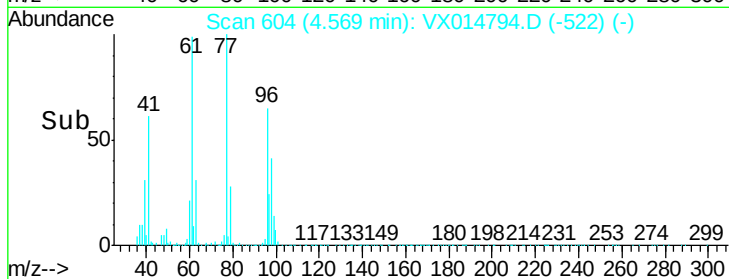
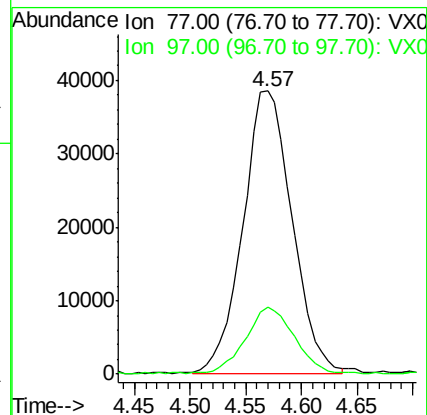
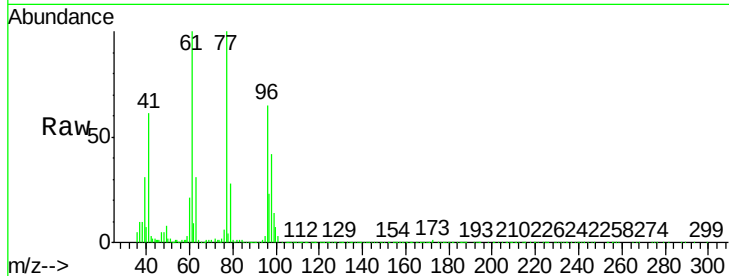
Ion Ratio Lower Upper

77 100

97 23.2 19.7 29.5

Manual Integrations
APPROVED

MMDadoda
2/4/2020 3:32:22 PM



#32

1,1,1-Trichloroethane

Concen: 20.952 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX014794.D

Acq: 03 Feb 2020 14:17

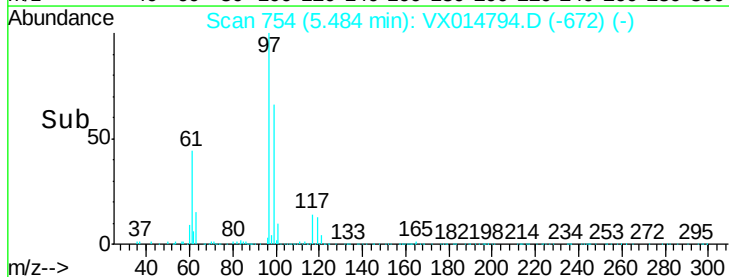
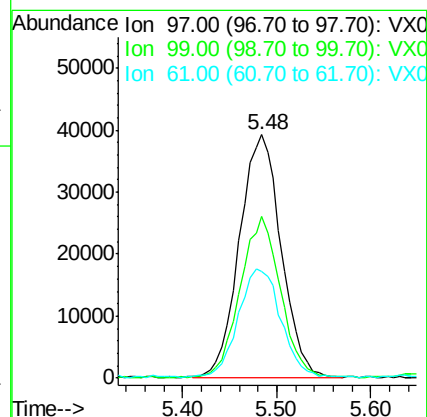
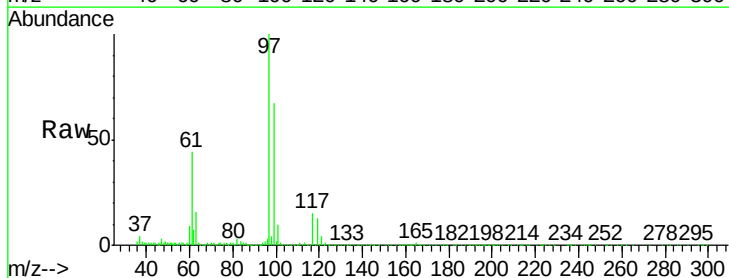
Tgt Ion: 97 Resp: 121998

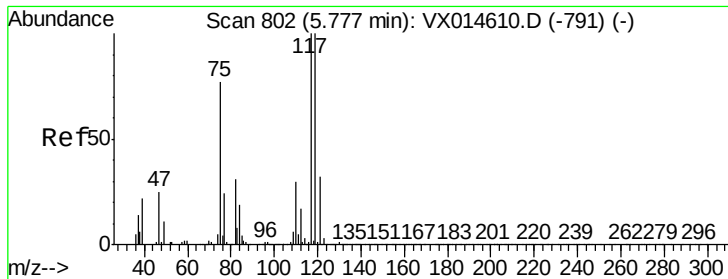
Ion Ratio Lower Upper

97 100

99 63.4 51.9 77.9

61 45.0 36.8 55.2





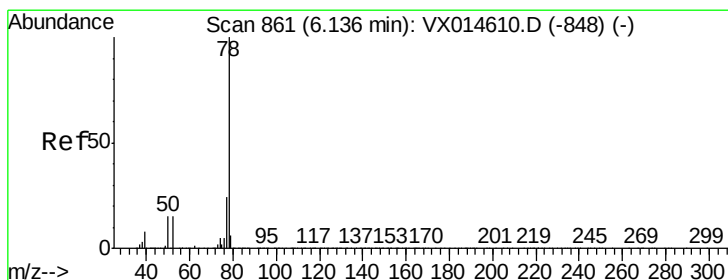
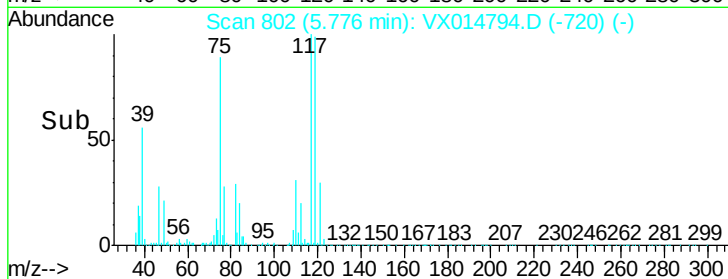
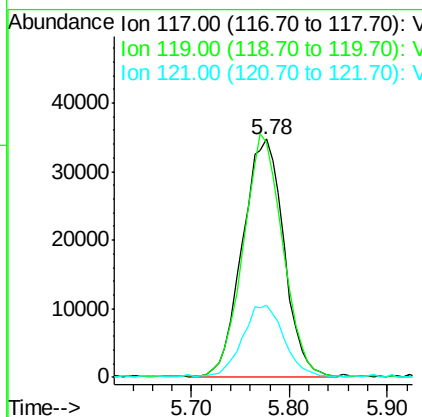
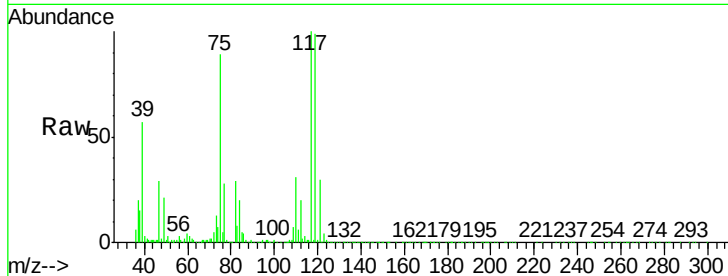
#33
Carbon Tetrachloride
Concen: 20.561 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX014794.D
Acq: 03 Feb 2020 14:17

Instrument :
MSVOA_X
ClientSampleId :
VX0203WBSD02

Tot Ion	Ratio	Lower	Upper
117	100		
119	98.4	77.2	115.8
121	29.7	24.8	37.2

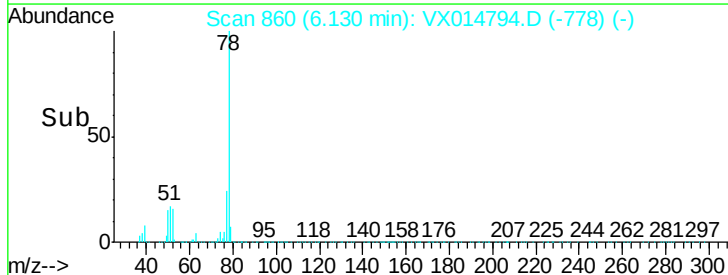
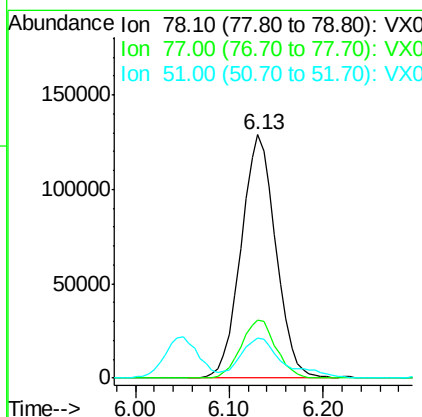
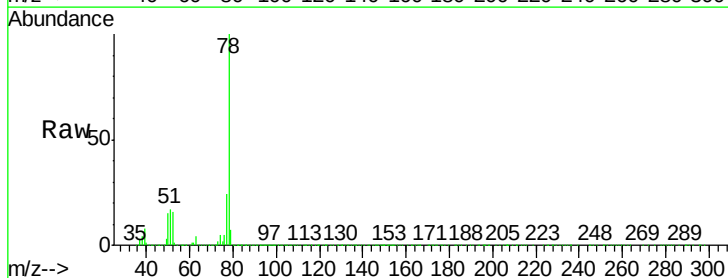
Manual Integrations
APPROVED

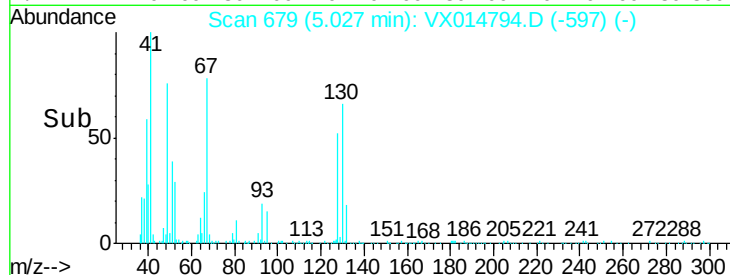
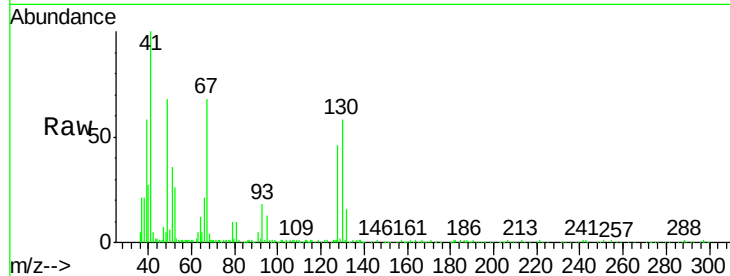
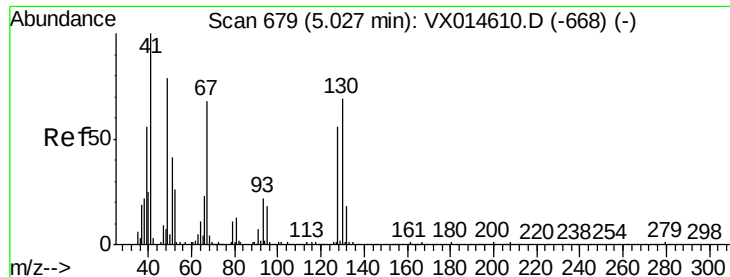
MMDadoda
2/4/2020 3:32:22 PM



#34
Benzene
Concen: 20.470 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX014794.D
Acq: 03 Feb 2020 14:17

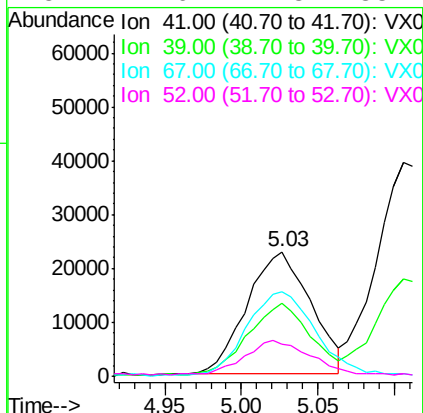
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.2	27.2
51	15.8	12.4	18.6





#35
Methacrylonitrile
Concen: 19.443 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX014794.D
Acq: 03 Feb 2020 14:17

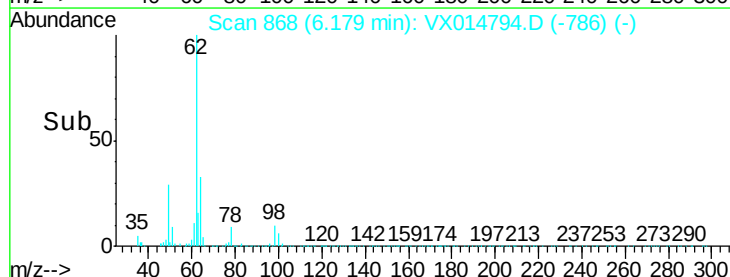
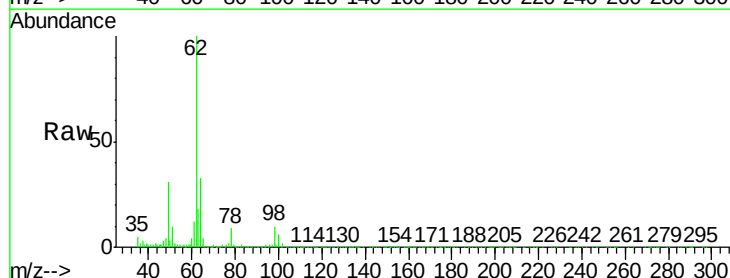
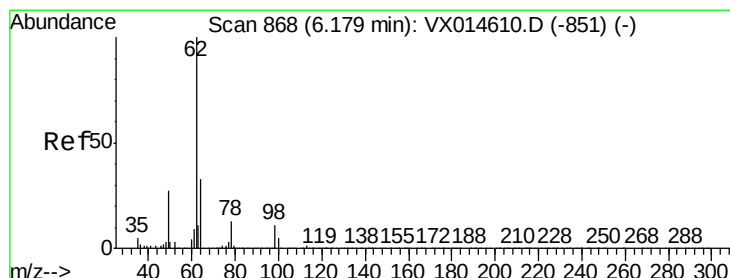
Tot Ion	Ion	Ratio	Lower	Upper
41	41	100		
39	39	58.4	26.7	80.1
67	67	68.6	31.5	94.5
52	52	24.6	12.8	38.4



Instrument :
MSVOA_X
ClientSampleId :
VX0203WBSD02

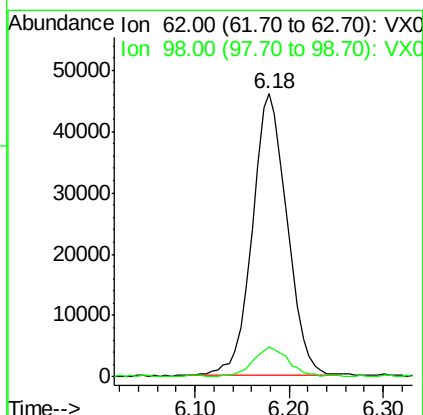
Manual Integrations
APPROVED

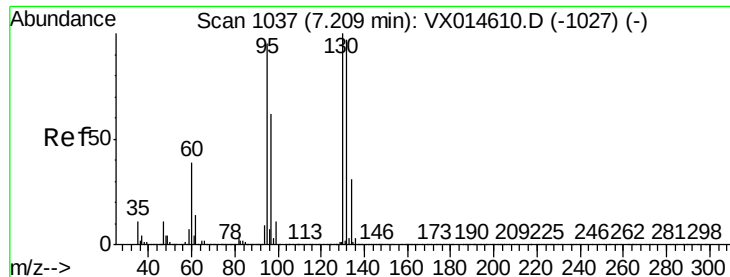
MMDadoda
2/4/2020 3:32:22 PM



#36
1,2-Dichloroethane
Concen: 21.020 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX014794.D
Acq: 03 Feb 2020 14:17

Tgt Ion	Ion	Ratio	Lower	Upper
62	62	100		
98	98	10.2	8.4	12.6





#37

Trichloroethene

Concen: 20.622 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014794.D

Acq: 03 Feb 2020 14:17

Instrument :

MSVOA_X

ClientSampleID :

VX0203WBSD02

Tot Ion:130 Resp: 91833

Ion Ratio Lower Upper

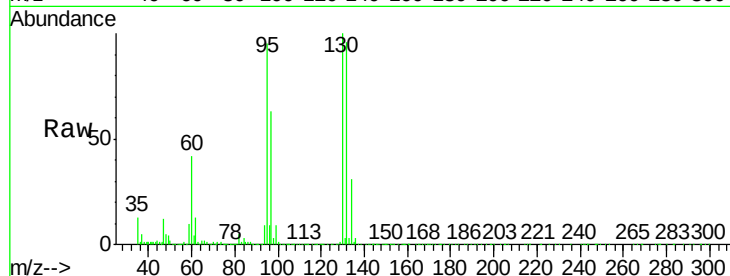
130 100

95 94.5 71.7 107.5

Manual Integrations
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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

50000

40000

30000

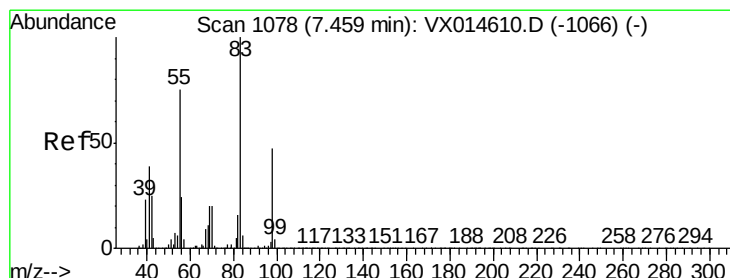
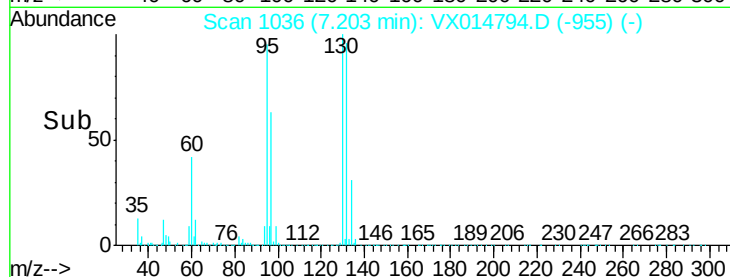
20000

10000

0

7.10 7.15 7.20 7.25 7.30

Time-->



#38

Methylcyclohexane

Concen: 19.993 ug/l

RT: 7.45 min Scan# 1077

Delta R.T. -0.01 min

Lab File: VX014794.D

Acq: 03 Feb 2020 14:17

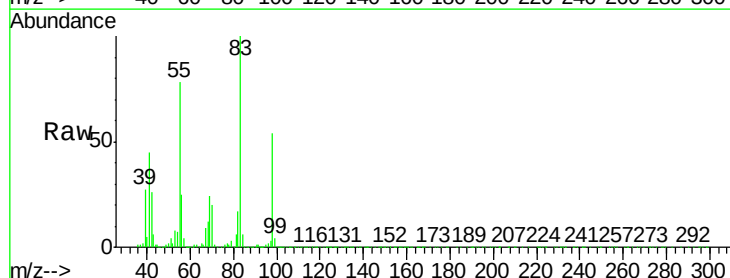
Tgt Ion: 83 Resp: 131019

Ion Ratio Lower Upper

83 100

55 79.2 39.4 118.1

98 50.6 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

80000

60000

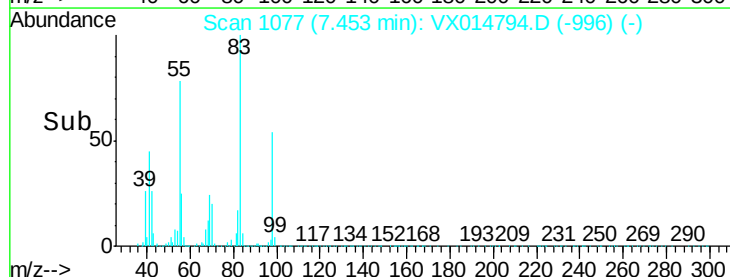
40000

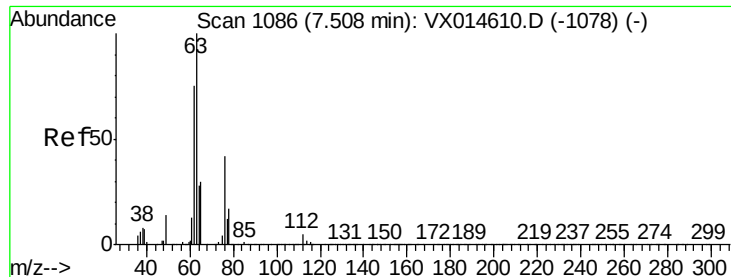
20000

0

7.35 7.40 7.45 7.50 7.55

Time-->





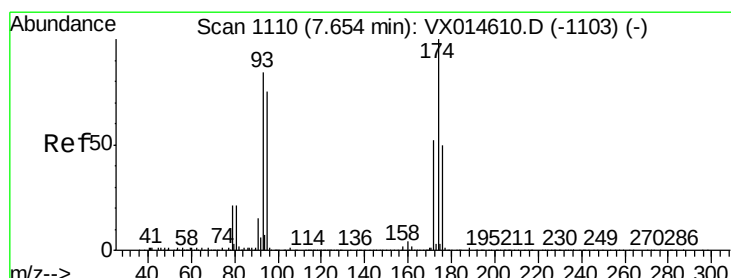
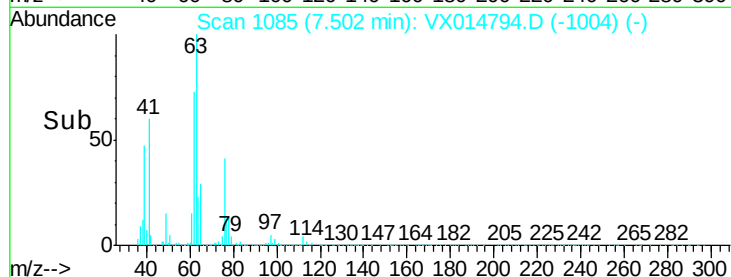
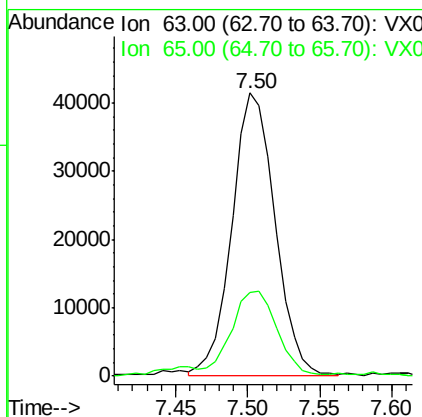
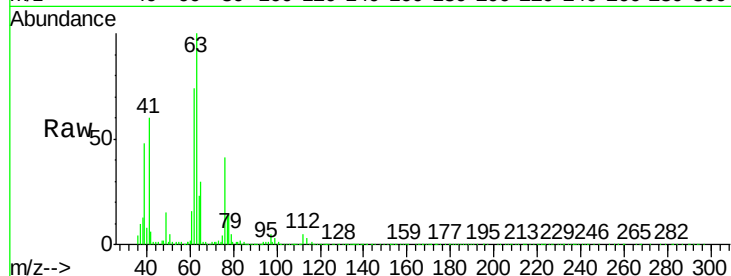
#39
 1,2-Dichloropropane
 Concen: 20.275 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014794.D
 Acq: 03 Feb 2020 14:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0203WBSD02

Tot Ion	Ratio	Lower	Upper
63	100		
65	28.7	22.1	33.1

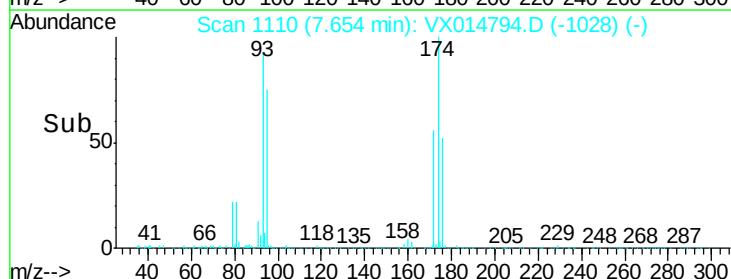
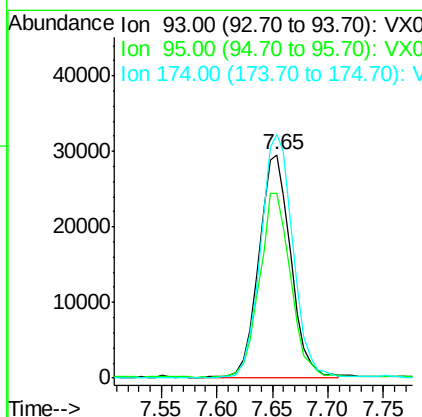
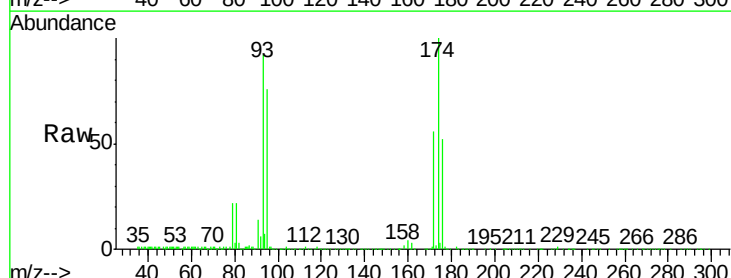
Manual Integrations
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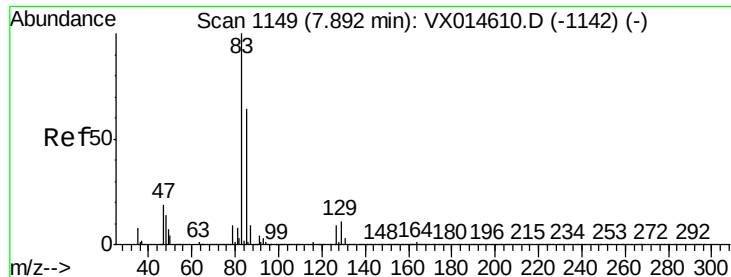
MMDadoda
 2/4/2020 3:32:22 PM



#40
 Dibromomethane
 Concen: 21.554 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX014794.D
 Acq: 03 Feb 2020 14:17

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.2	0.0	164.4
174	111.1	0.0	228.8





#41

Bromodichloromethane

Concen: 20.684 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX014794.D

Acq: 03 Feb 2020 14:17

Instrument :

MSVOA_X

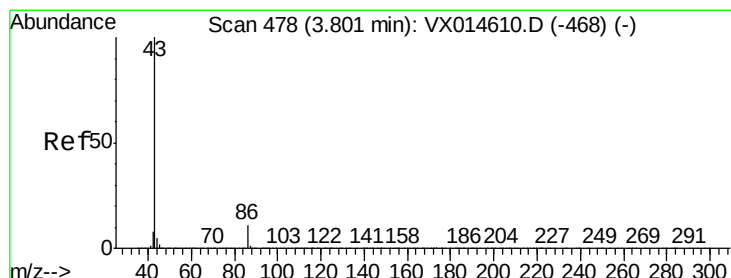
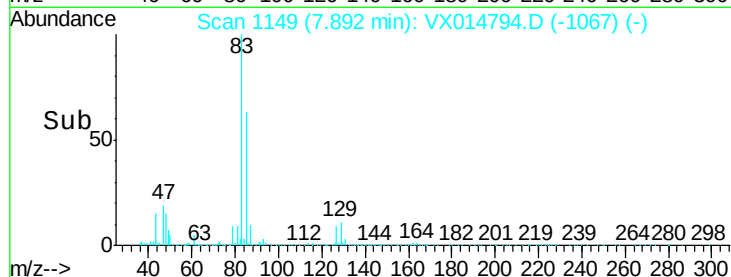
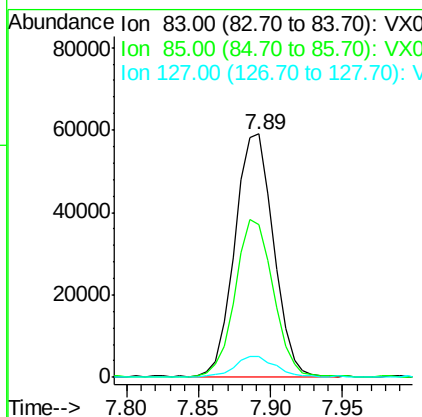
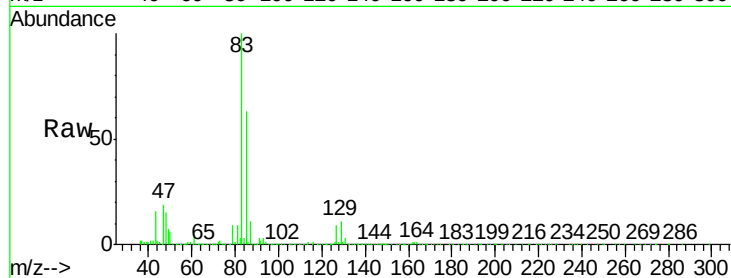
ClientSampleId :

VX0203WBSD02

Tot Ion:	83	Resp:	110090
Ion Ratio	Lower	Upper	
83	100		
85	62.7	51.6	77.4
127	8.2	6.0	9.0

Manual Integrations
APPROVED

MMDadoda
2/4/2020 3:32:22 PM



#42

Vinyl Acetate

Concen: 101.867 ug/l

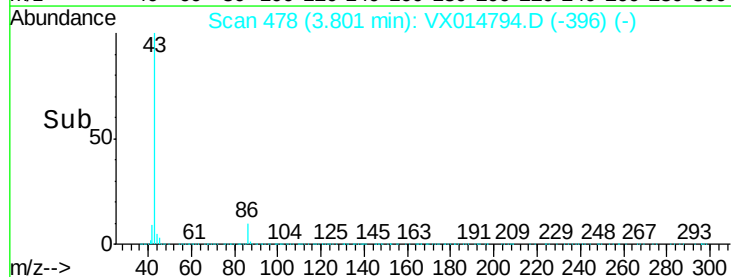
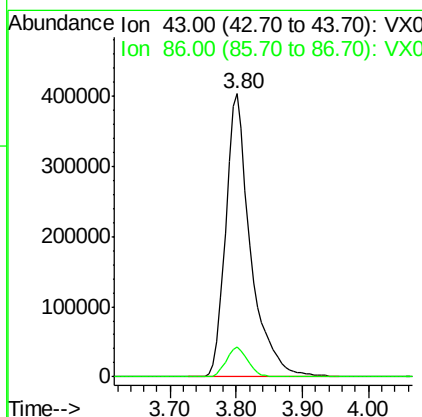
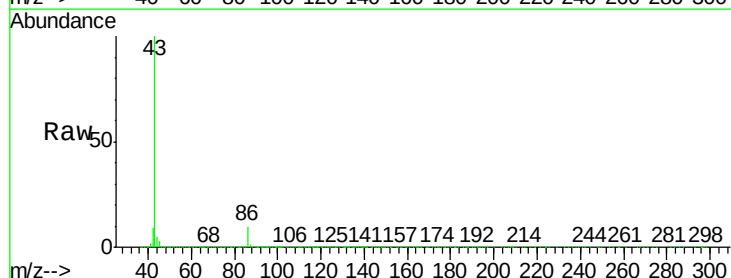
RT: 3.80 min Scan# 478

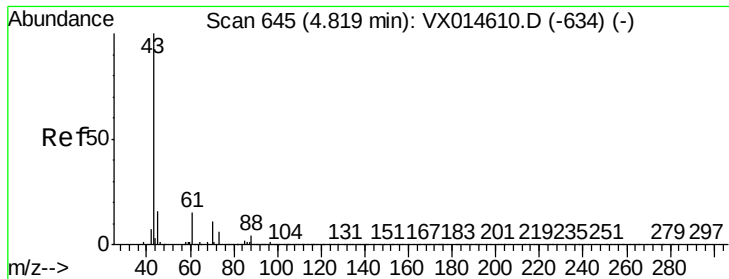
Delta R.T. -0.00 min

Lab File: VX014794.D

Acq: 03 Feb 2020 14:17

Tgt Ion:	43	Resp:	1046802
Ion Ratio	Lower	Upper	
43	100		
86	9.1	7.7	11.5





#43

Ethyl Acetate

Concen: 20.943 ug/l

RT: 4.81 min Scan# 644

Delta R.T. -0.01 min

Lab File: VX014794.D

Acq: 03 Feb 2020 14:17

Instrument :

MSVOA_X

ClientSampleId :

VX0203WBSD02

Tot Ion: 43 Resp: 126399

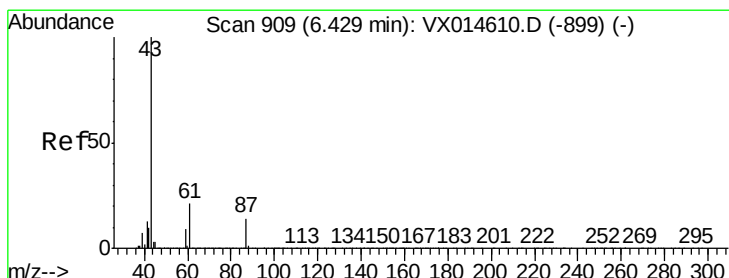
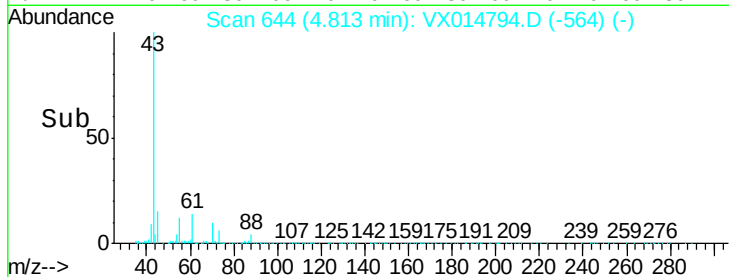
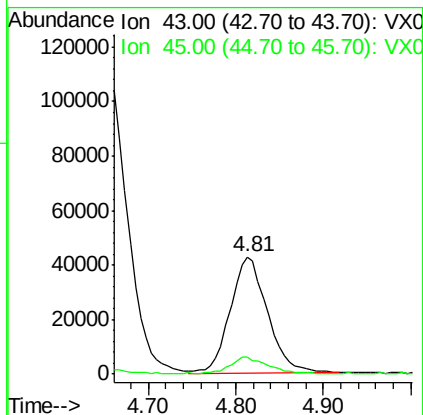
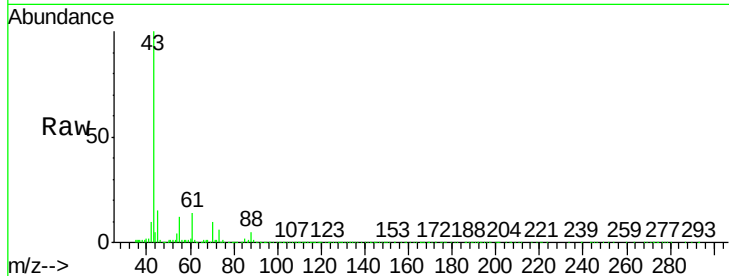
Ion Ratio Lower Upper

43 100

45 13.7 11.8 17.8

Manual Integrations
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2/4/2020 3:32:22 PM



#44

Isopropyl Acetate

Concen: 20.530 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014794.D

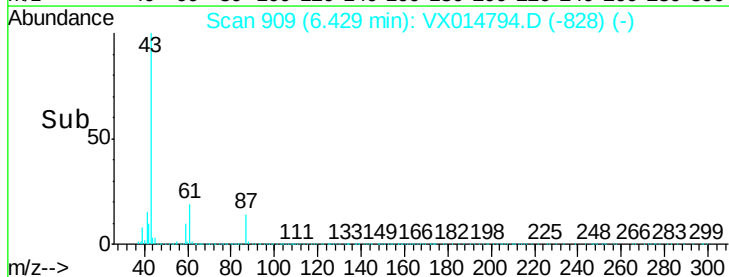
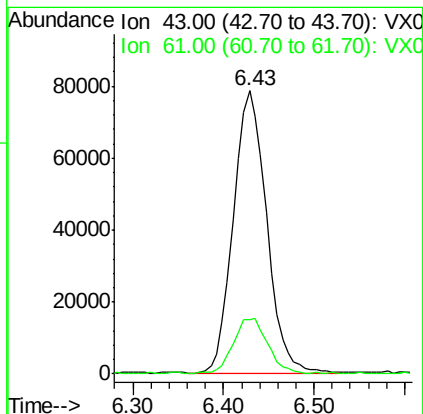
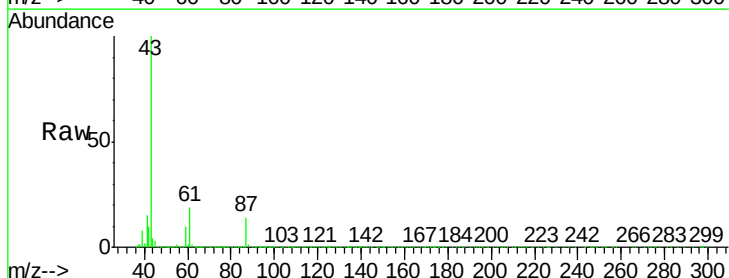
Acq: 03 Feb 2020 14:17

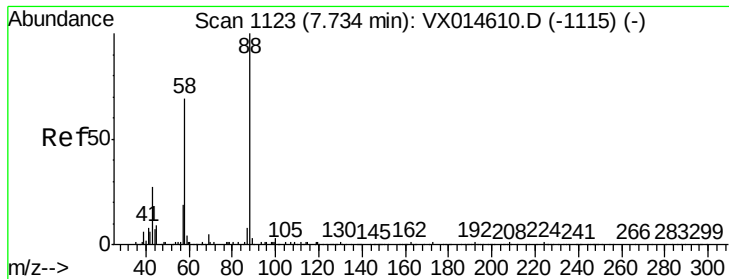
Tgt Ion: 43 Resp: 199891

Ion Ratio Lower Upper

43 100

61 19.5 15.9 23.9





#45

1,4-Dioxane

Concen: 419.803 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX014794.D

Acq: 03 Feb 2020 14:17

Instrument :

MSVOA_X

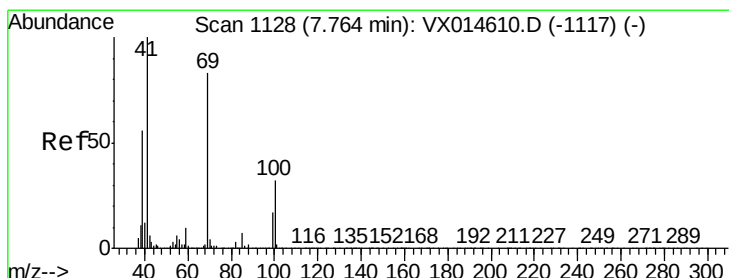
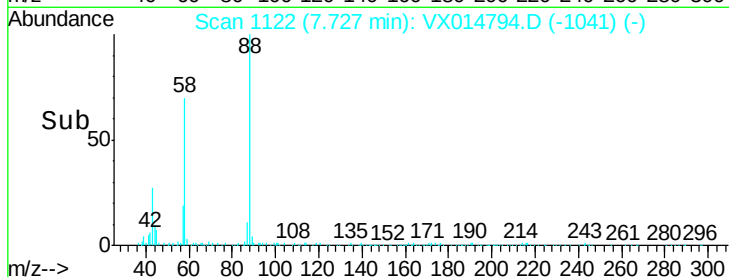
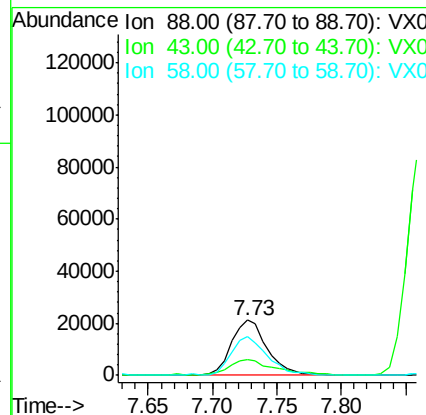
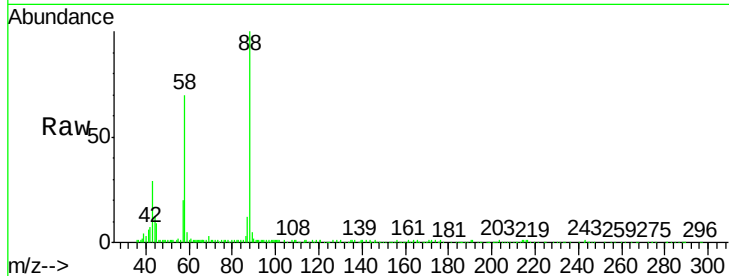
ClientSampleId :

VX0203WBSD02

Tot Ion:	88	Resp:	40886
Ion	Ratio	Lower	Upper
88	100		
43	32.7	25.4	38.2
58	70.3	56.5	84.7

Manual Integrations
APPROVED

MMDadoda
2/4/2020 3:32:22 PM



#46

Methyl methacrylate

Concen: 20.424 ug/l

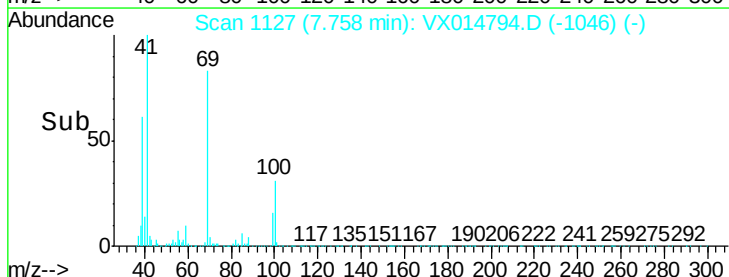
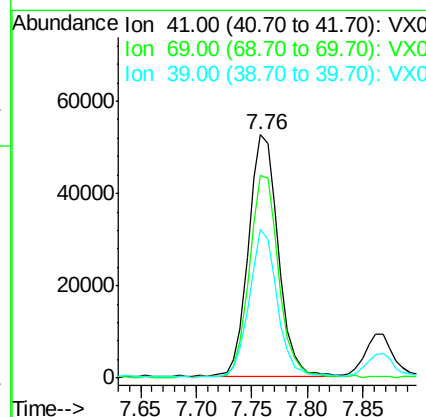
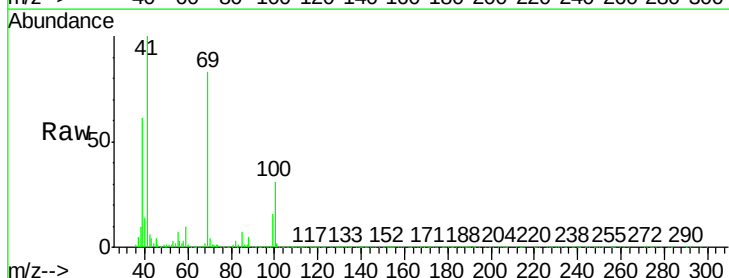
RT: 7.76 min Scan# 1127

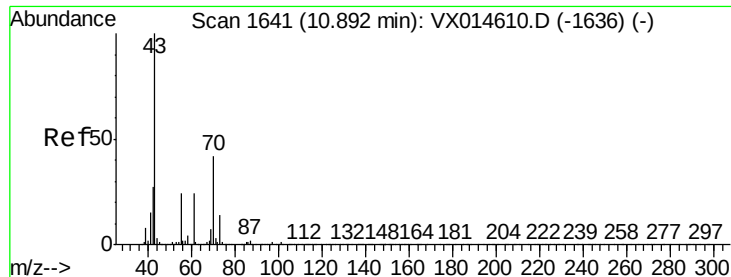
Delta R.T. -0.01 min

Lab File: VX014794.D

Acq: 03 Feb 2020 14:17

Tgt Ion:	41	Resp:	97789
Ion	Ratio	Lower	Upper
41	100		
69	83.5	40.6	122.0
39	61.3	27.8	83.3





#47

n-amvl Acetate

Concen: 20.441 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX014794.D

Acq: 03 Feb 2020 14:17

Instrument :

MSVOA_X

ClientSampleId :

VX0203WBSD02

Tot Ion: 43 Resp: 166759

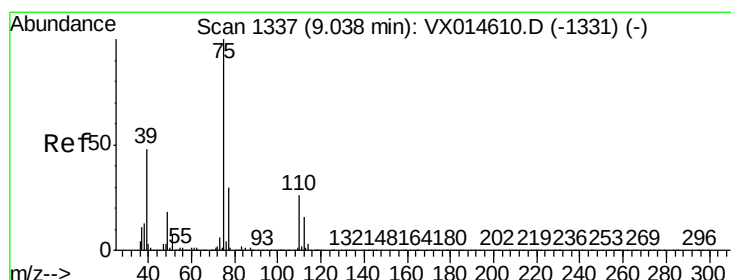
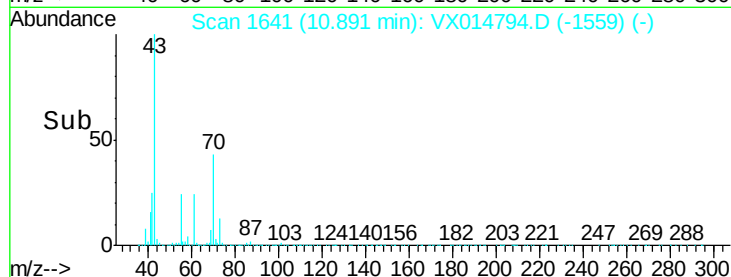
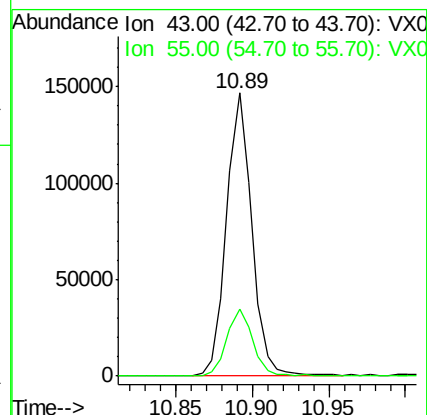
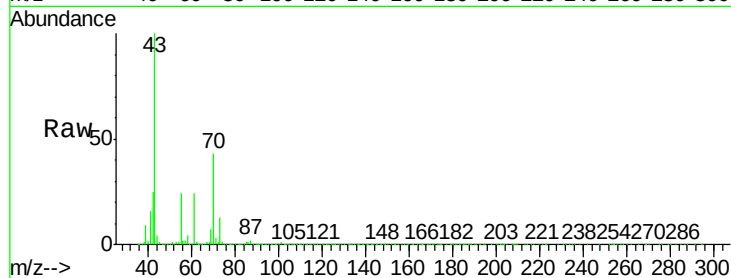
Ion Ratio Lower Upper

43 100

55 24.2 19.4 29.2

Manual Integrations
APPROVED

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#48

t-1,3-Dichloropropene

Concen: 20.872 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014794.D

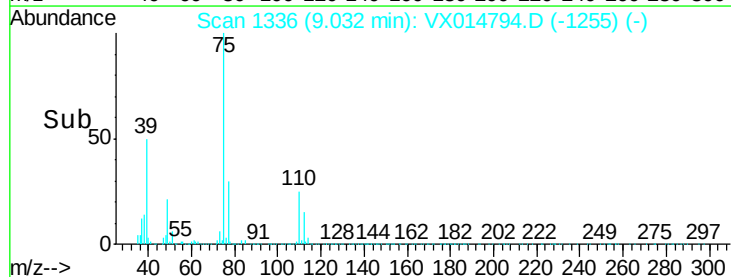
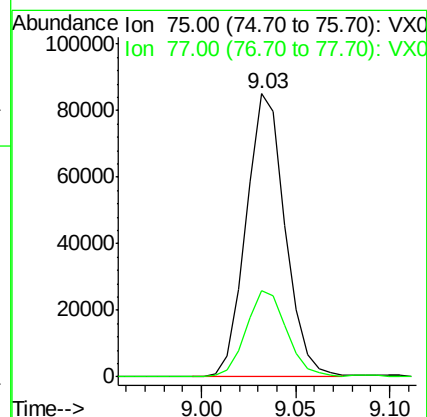
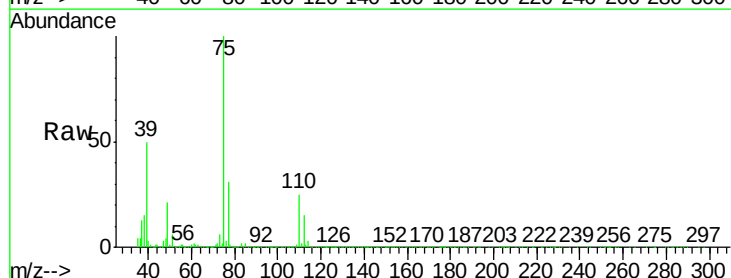
Acq: 03 Feb 2020 14:17

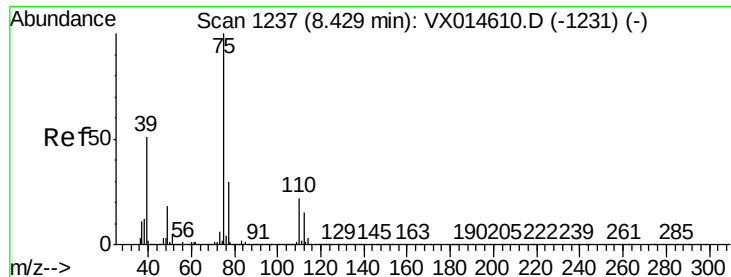
Tgt Ion: 75 Resp: 121289

Ion Ratio Lower Upper

75 100

77 30.4 26.0 39.0





#49

cis-1,3-Dichloropropene

Concen: 20.581 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX014794.D

Acq: 03 Feb 2020 14:17

Instrument :

MSVOA_X

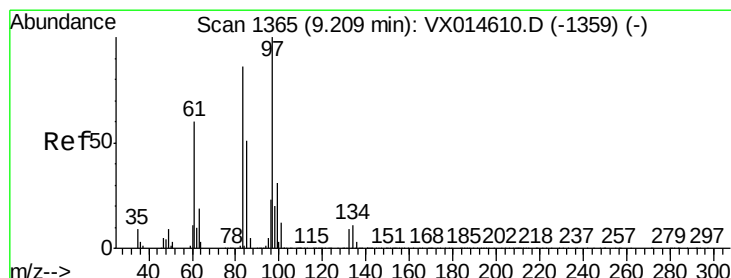
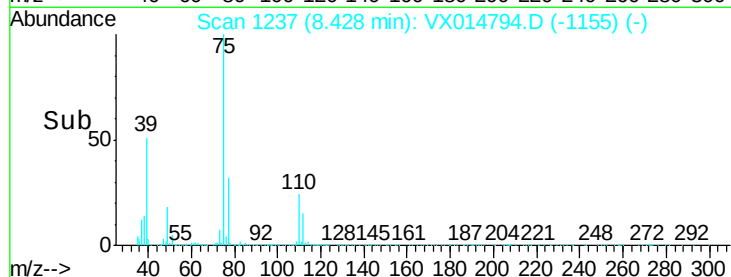
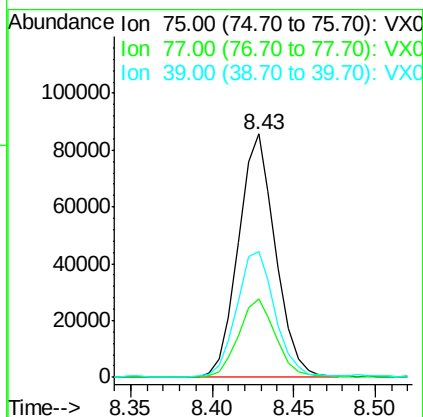
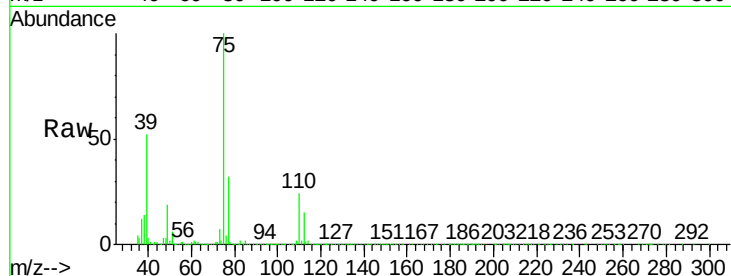
ClientSampleId :

VX0203WBSD02

Tot Ion:	75	Resp:	134760
Ion Ratio		Lower	Upper
75	100		
77	31.8	24.8	37.2
39	51.5	41.1	61.7

Manual Integrations
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#50

1,1,2-Trichloroethane

Concen: 20.807 ug/l

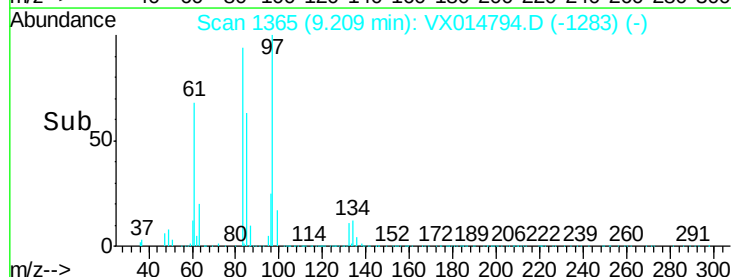
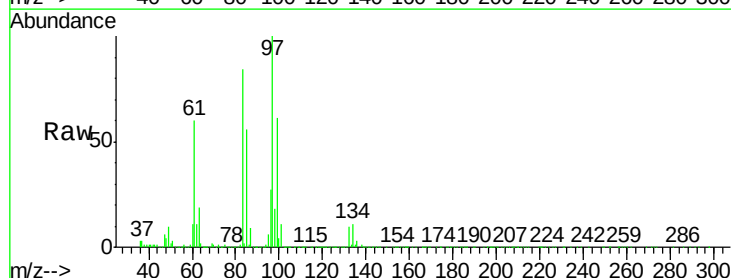
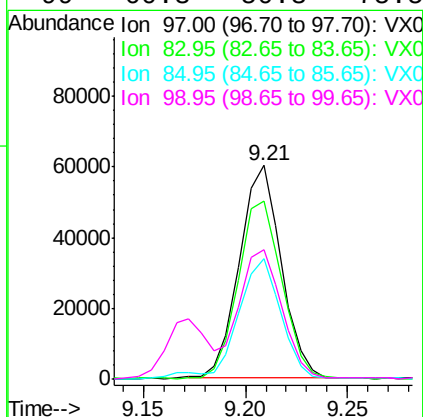
RT: 9.21 min Scan# 1365

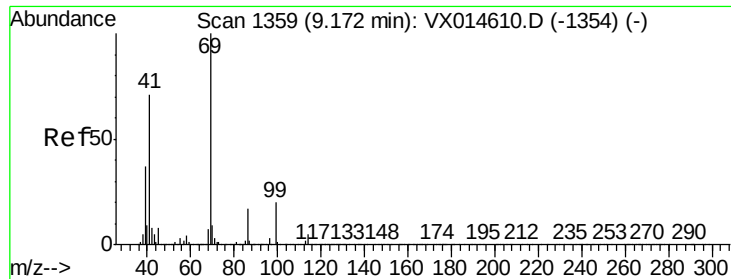
Delta R.T. -0.00 min

Lab File: VX014794.D

Acq: 03 Feb 2020 14:17

Tgt Ion:	97	Resp:	86055
Ion Ratio		Lower	Upper
97	100		
83	83.3	68.1	102.1
85	55.9	42.7	64.1
99	60.3	50.3	75.5





#51

Ethyl methacrylate

Concen: 20.333 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX014794.D

Acq: 03 Feb 2020 14:17

Instrument :

MSVOA_X

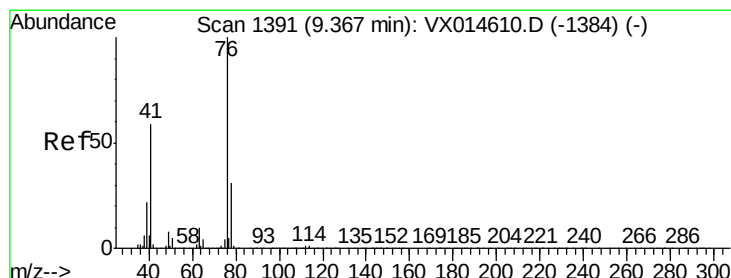
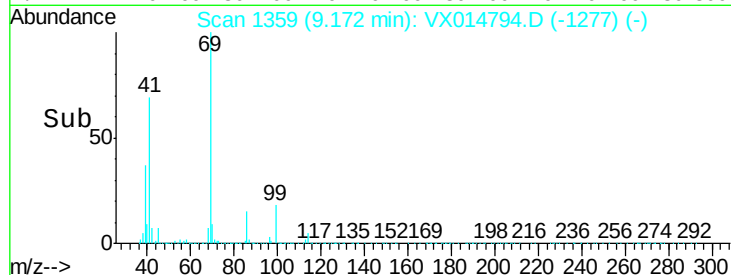
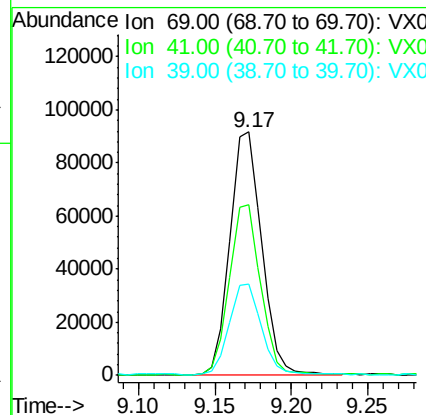
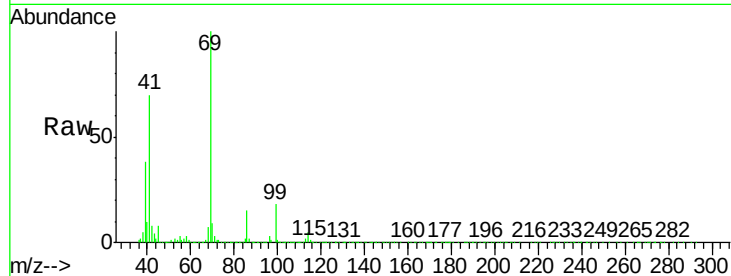
ClientSampleId :

VX0203WBSD02

Tot Ion:	69	Resp:	130936
Ion Ratio	Lower	Upper	
69	100		
41	70.1	35.4	106.1
39	37.3	17.8	53.3

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 21.048 ug/l

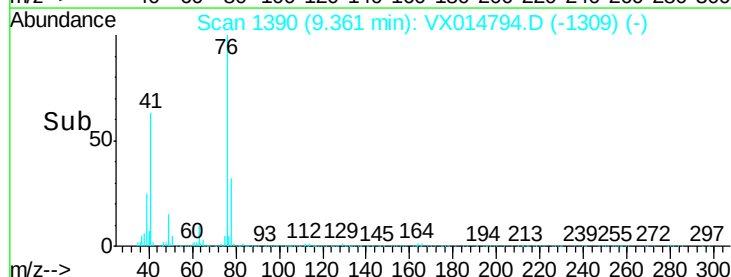
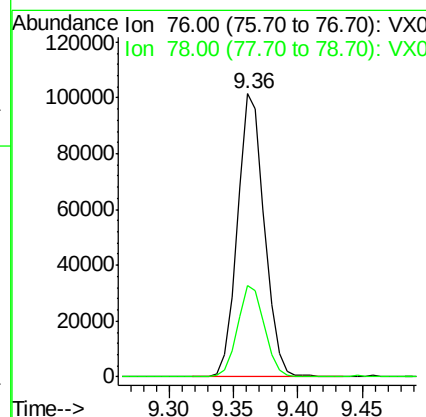
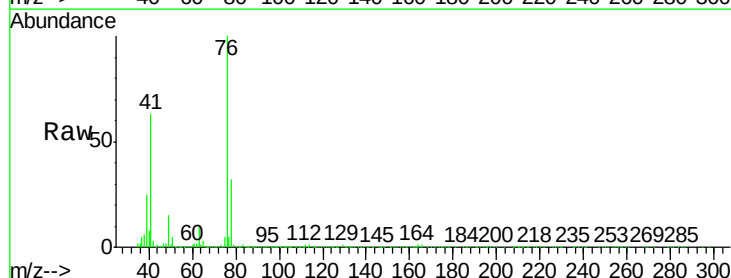
RT: 9.36 min Scan# 1390

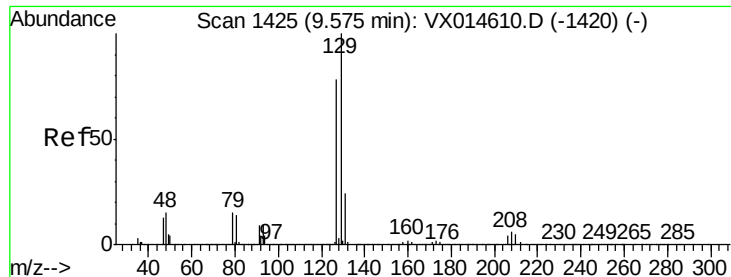
Delta R.T. -0.01 min

Lab File: VX014794.D

Acq: 03 Feb 2020 14:17

Tgt Ion:	76	Resp:	147491
Ion Ratio	Lower	Upper	
76	100		
78	32.1	0.0	63.4





#53

Dibromochloromethane

Concen: 20.860 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.00 min

Lab File: VX014794.D

Acq: 03 Feb 2020 14:17

Instrument :

MSVOA_X

ClientSampleId :

VX0203WBSD02

Tot Ion:129 Resp: 88243

Ion Ratio Lower Upper

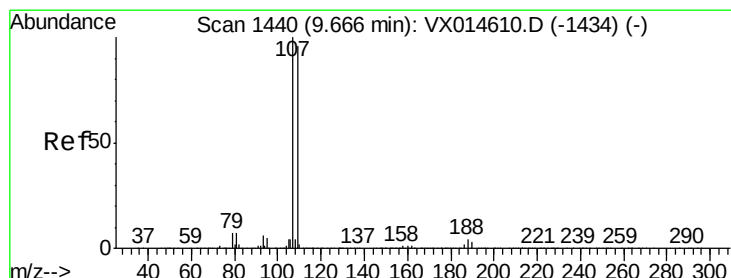
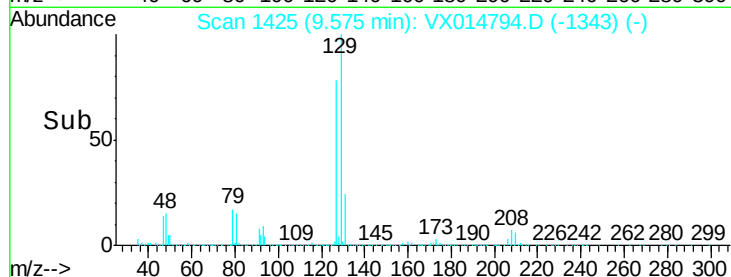
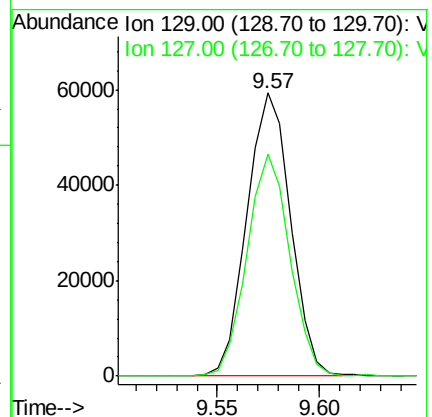
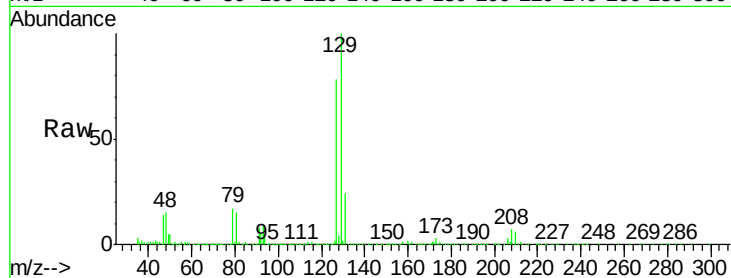
129 100

127 77.1 39.1 117.5

Manual Integrations
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#54

1,2-Dibromoethane

Concen: 21.533 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX014794.D

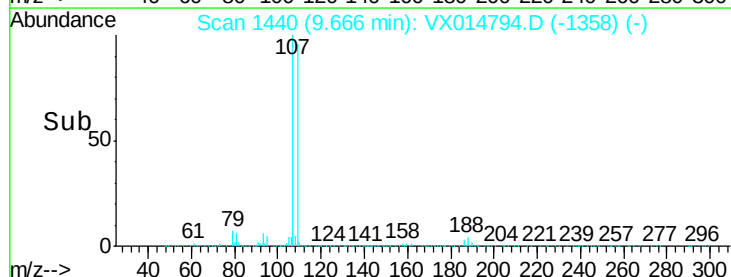
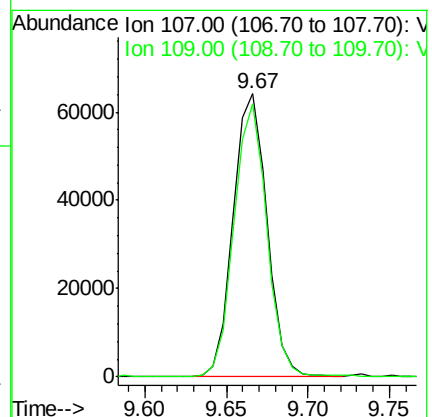
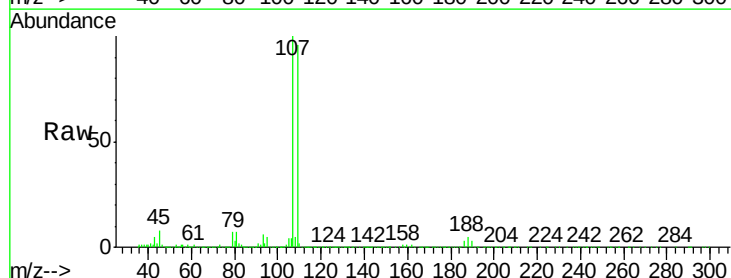
Acq: 03 Feb 2020 14:17

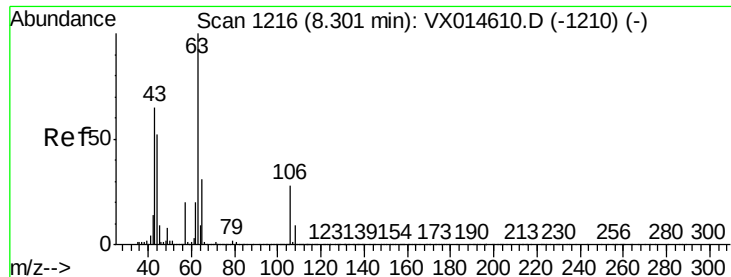
Tgt Ion:107 Resp: 92363

Ion Ratio Lower Upper

107 100

109 93.6 77.2 115.8





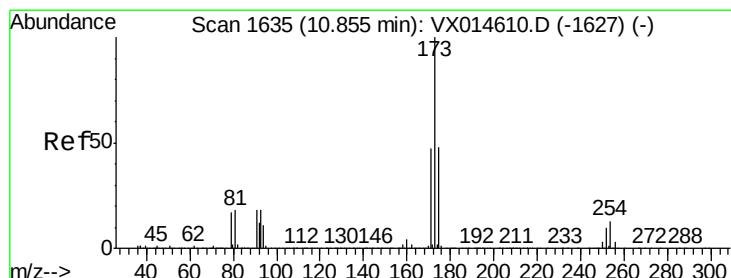
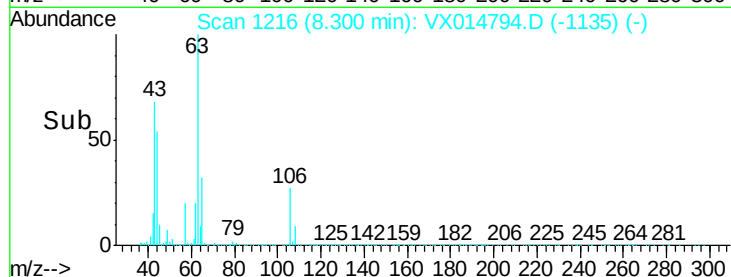
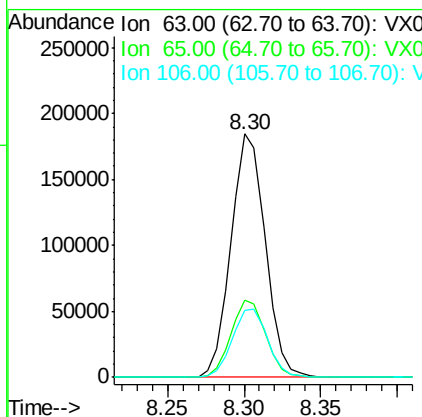
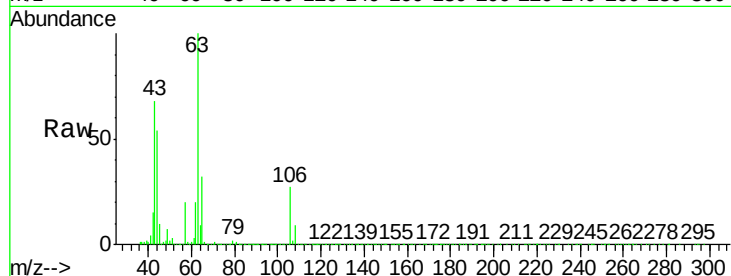
#55
2-Chloroethyl vinyl ether
Concen: 96.980 ug/l
RT: 8.30 min Scan# 1216
Delta R.T. -0.01 min
Lab File: VX014794.D
Acq: 03 Feb 2020 14:17

Instrument :
MSVOA_X
ClientSampleId :
VX0203WBSD02

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.1	25.8	38.6
106	29.0	22.9	34.3

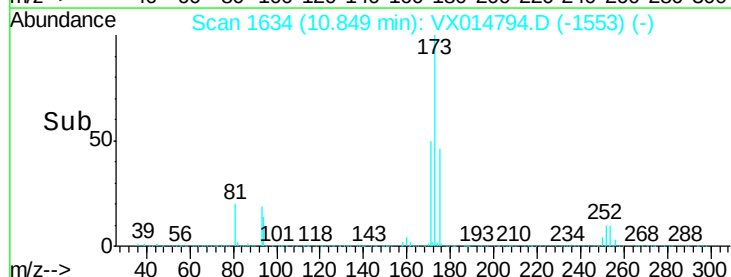
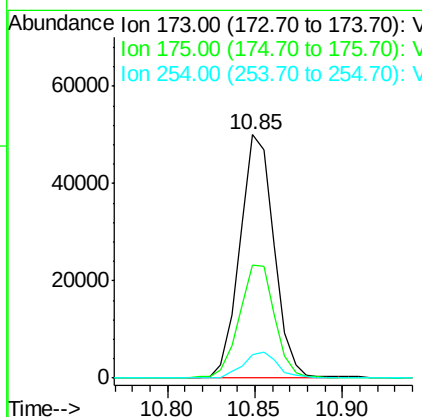
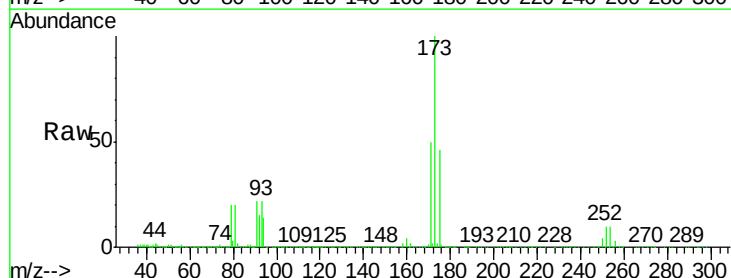
Manual Integrations
APPROVED

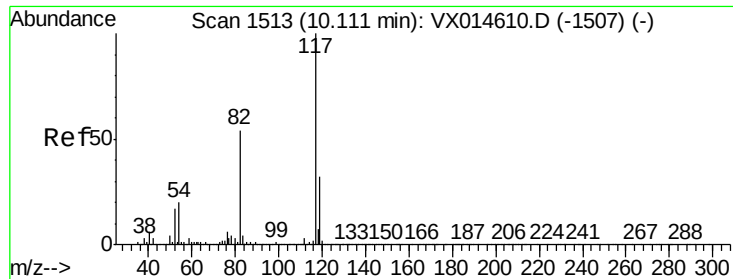
MMDadoda
2/4/2020 3:32:22 PM



#56
Bromoform
Concen: 20.825 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX014794.D
Acq: 03 Feb 2020 14:17

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.4	39.5	59.3
254	10.9	8.2	12.4





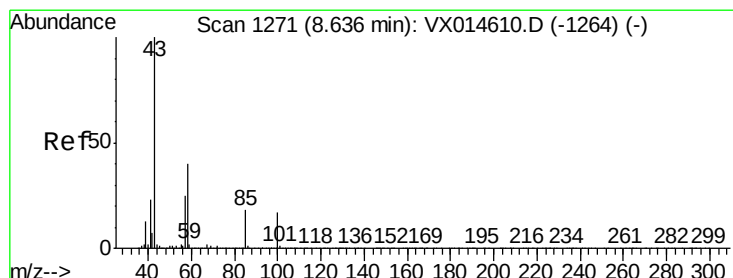
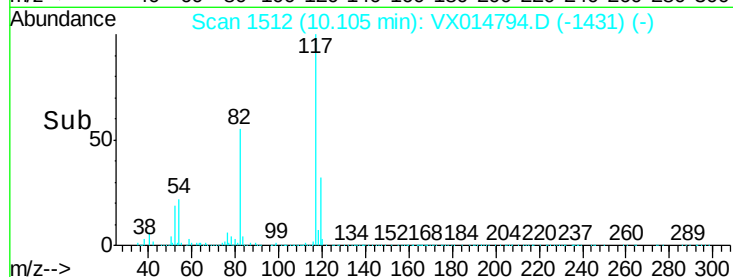
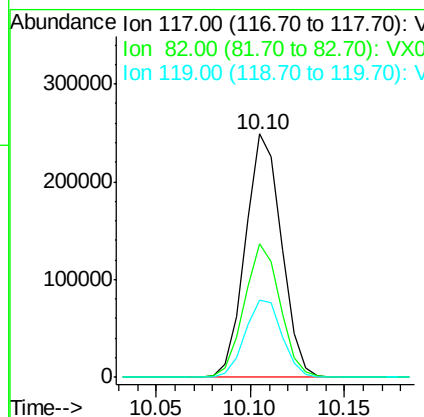
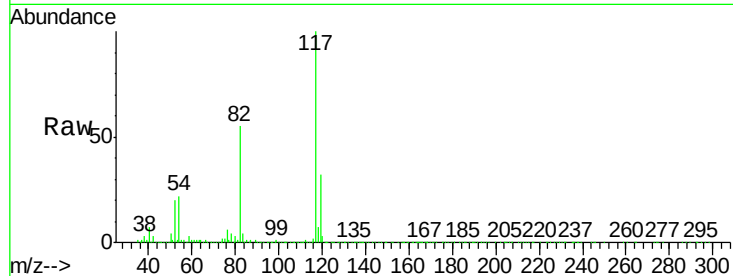
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014794.D
Acq: 03 Feb 2020 14:17

Instrument :
MSVOA_X
ClientSampleId :
VX0203WBSD02

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.6	43.8	65.6
119	32.6	25.8	38.6

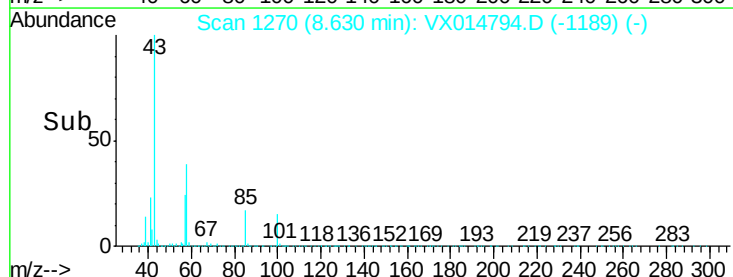
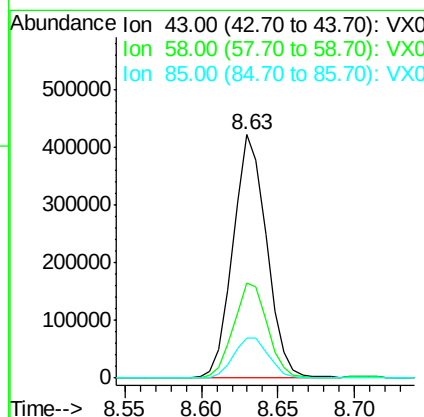
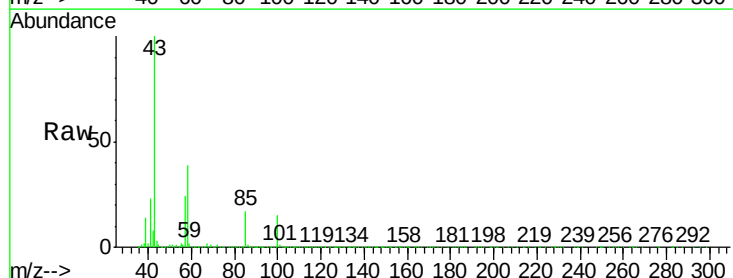
Manual Integrations
APPROVED

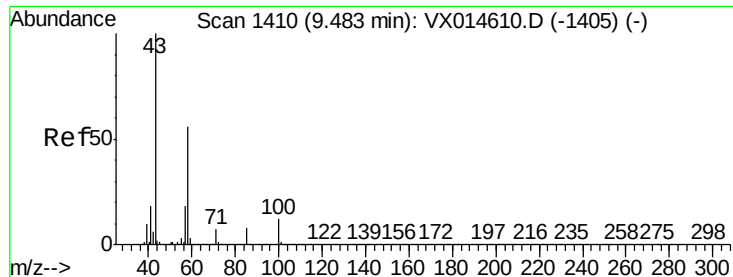
MMDadoda
2/4/2020 3:32:22 PM



#58
4-Methyl-2-Pentanone
Concen: 103.546 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX014794.D
Acq: 03 Feb 2020 14:17

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.4	31.2	46.8
85	17.5	14.2	21.2





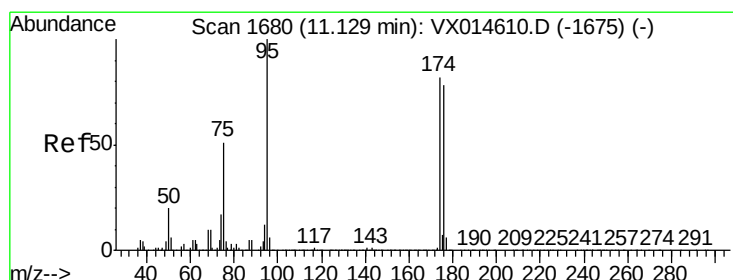
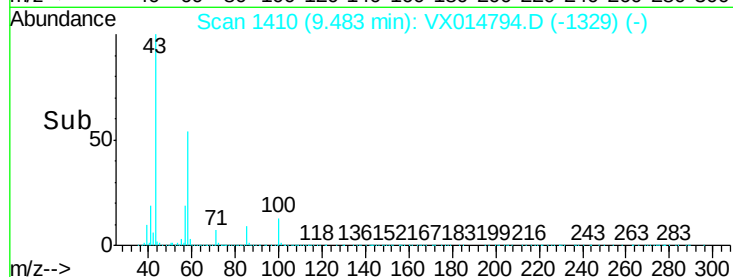
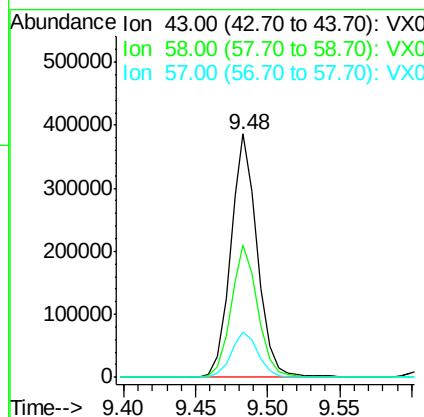
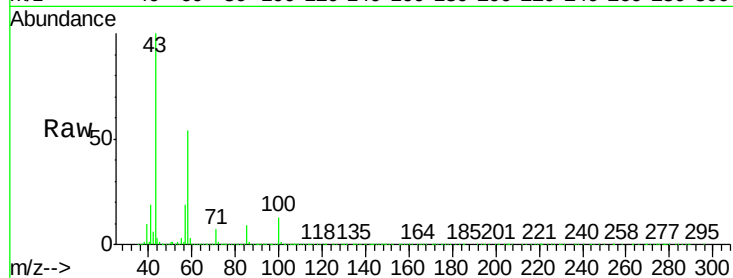
#59
2-Hexanone
Concen: 103.271 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014794.D
Acq: 03 Feb 2020 14:17

Instrument :
MSVOA_X
ClientSampleId :
VX0203WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.5	43.8	65.6
57	18.8	15.4	23.0

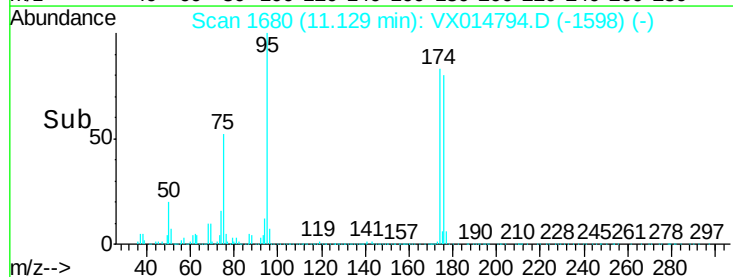
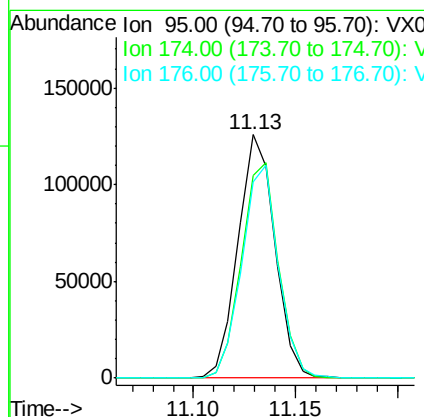
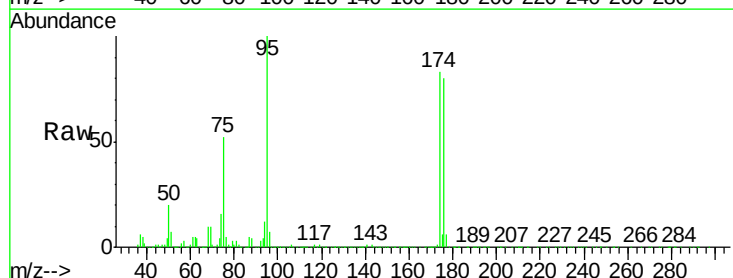
Manual Integrations
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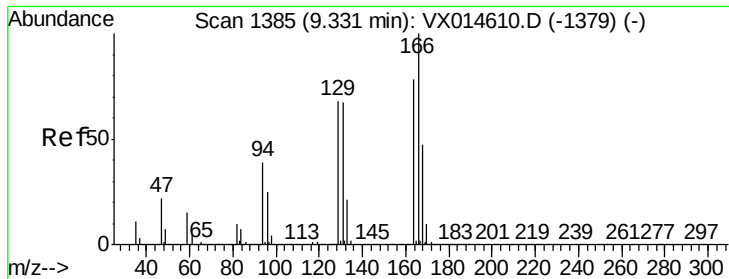
MMDadoda
2/4/2020 3:32:22 PM



#60
4-Bromofluorobenzene
Concen: 29.895 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX014794.D
Acq: 03 Feb 2020 14:17

Tgt Ion	Ratio	Lower	Upper
95	100		
174	89.4	70.2	105.2
176	86.9	68.3	102.5





#61

Tetrachloroethene

Concen: 22.757 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX014794.D

Acq: 03 Feb 2020 14:17

Instrument :

MSVOA_X

ClientSampleId :

VX0203WBSD02

Tot Ion:164 Resp: 110942

Ion Ratio Lower Upper

164 100

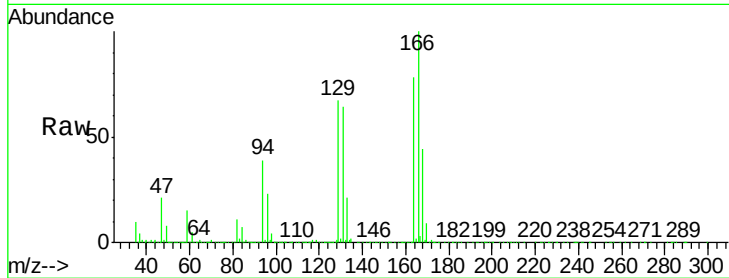
166 128.9 104.2 156.2

129 86.7 71.6 107.4

131 82.0 71.7 107.5

Manual Integrations
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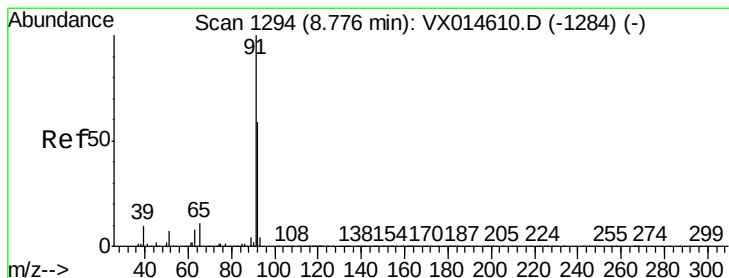
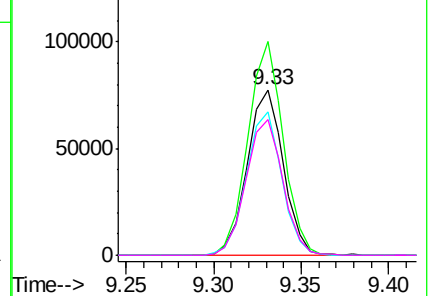
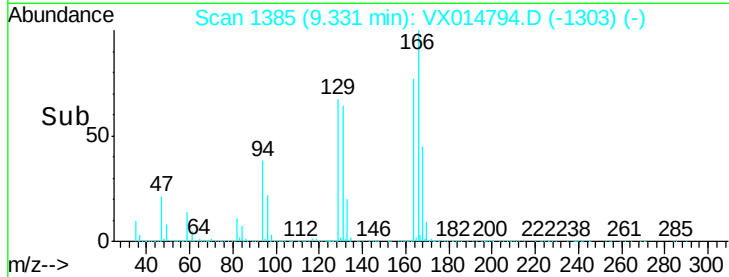


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 20.364 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014794.D

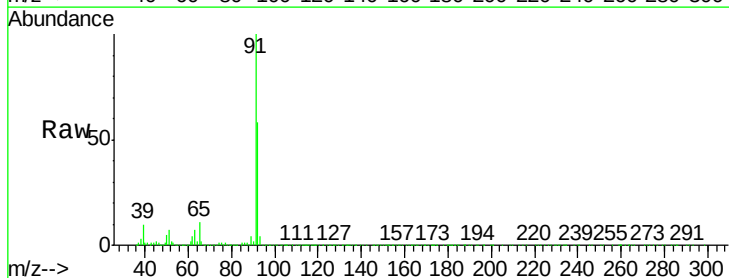
Acq: 03 Feb 2020 14:17

Tgt Ion: 91 Resp: 356358

Ion Ratio Lower Upper

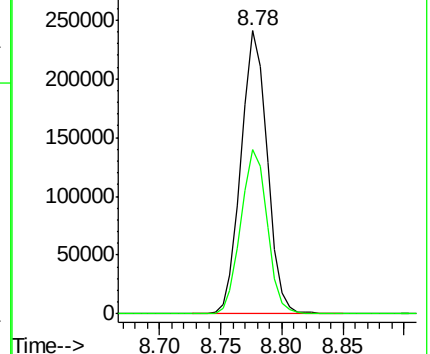
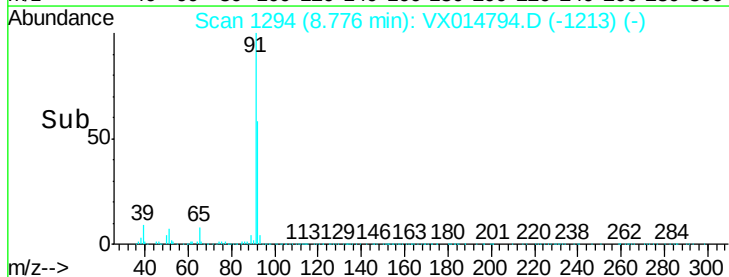
91 100

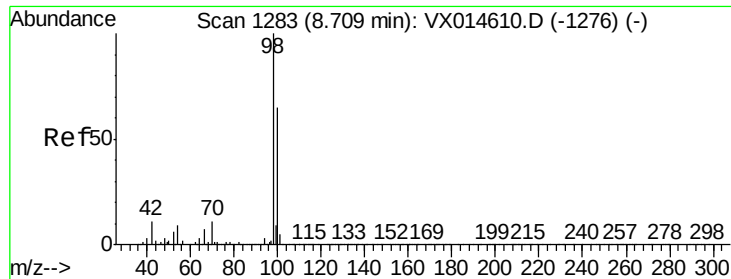
92 58.6 46.4 69.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 29.947 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX014794.D

Acq: 03 Feb 2020 14:17

Instrument :

MSVOA_X

ClientSampleId :

VX0203WBSD02

Tot Ion: 98 Resp: 446162

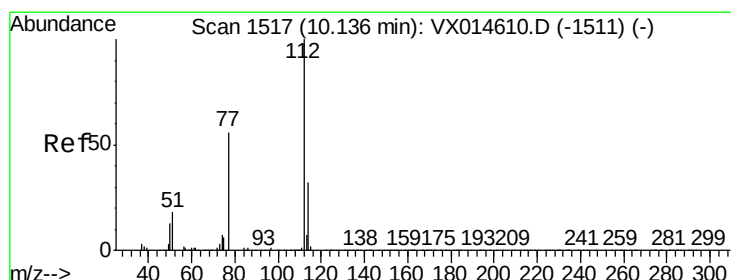
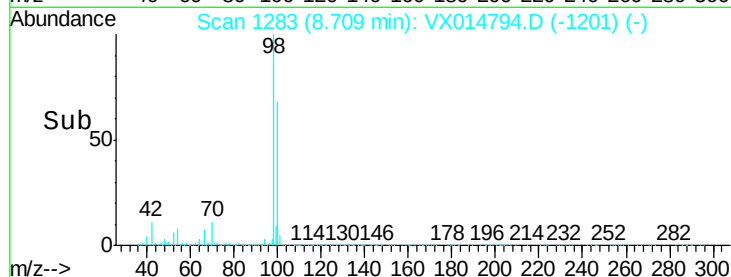
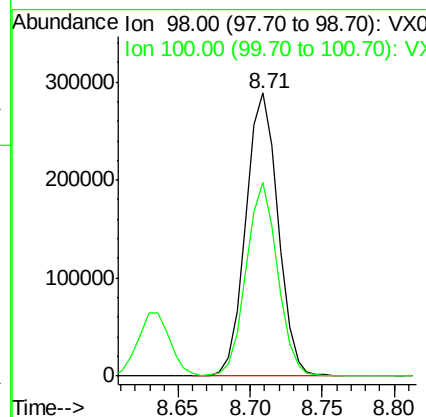
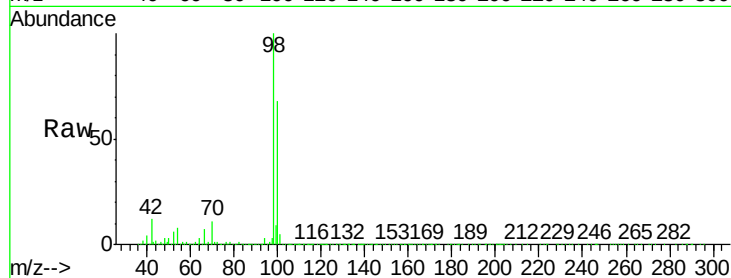
Ion Ratio Lower Upper

98 100

100 66.3 52.2 78.2

Manual Integrations
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#64

Chlorobenzene

Concen: 20.783 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014794.D

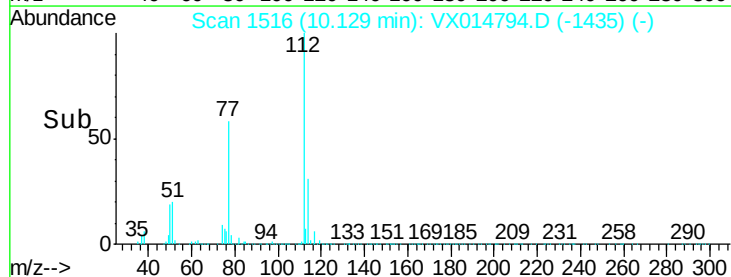
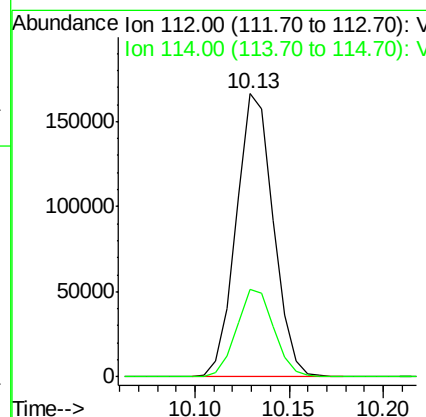
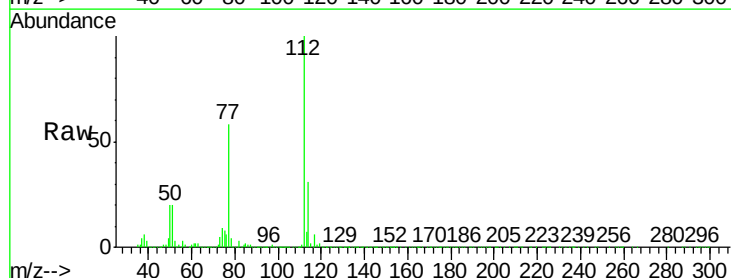
Acq: 03 Feb 2020 14:17

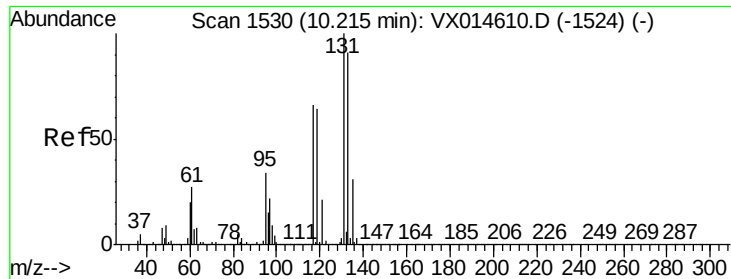
Tgt Ion: 112 Resp: 227038

Ion Ratio Lower Upper

112 100

114 31.1 24.4 36.6





#65

1,1,1,2-Tetrachloroethane

Concen: 20.773 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX014794.D

Acq: 03 Feb 2020 14:17

Instrument :

MSVOA_X

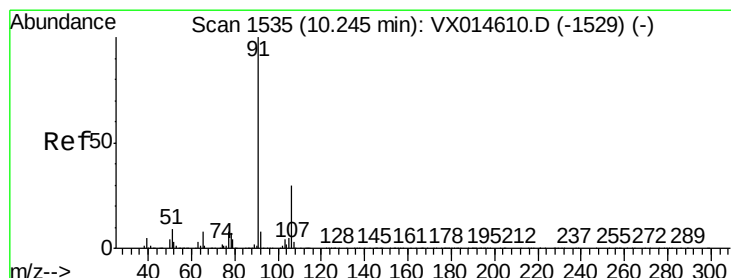
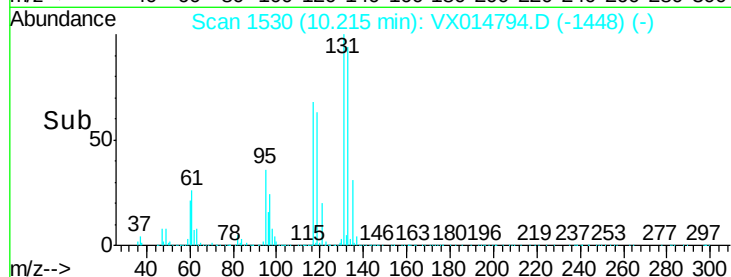
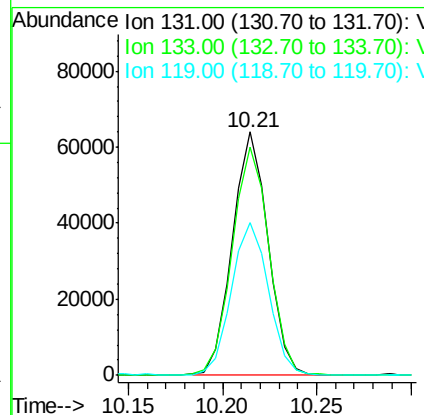
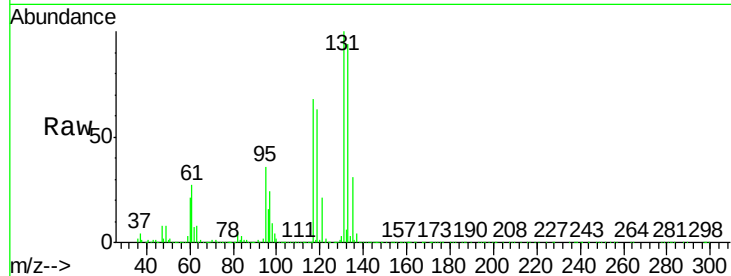
ClientSampleId :

VX0203WBSD02

Tot Ion:	131	Resp:	83812
Ion Ratio	Lower	Upper	
131	100		
133	96.7	0.0	189.8
119	64.9	0.0	132.2

Manual Integrations
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#66

Ethyl Benzene

Concen: 20.359 ug/l

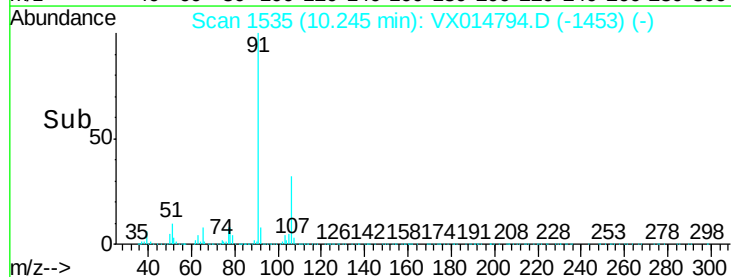
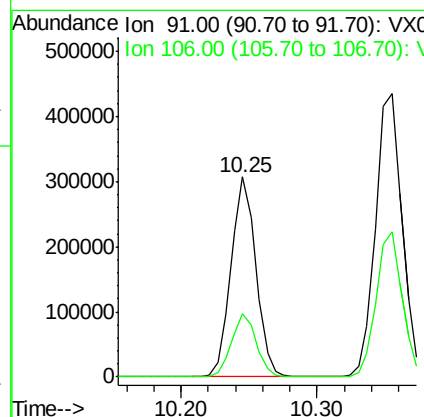
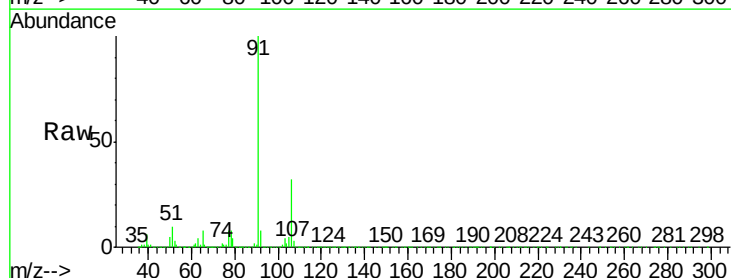
RT: 10.25 min Scan# 1535

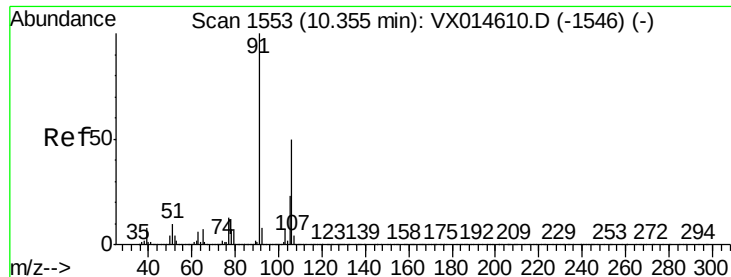
Delta R.T. -0.00 min

Lab File: VX014794.D

Acq: 03 Feb 2020 14:17

Tgt Ion:	91	Resp:	388055
Ion Ratio	Lower	Upper	
91	100		
106	31.8	24.2	36.2





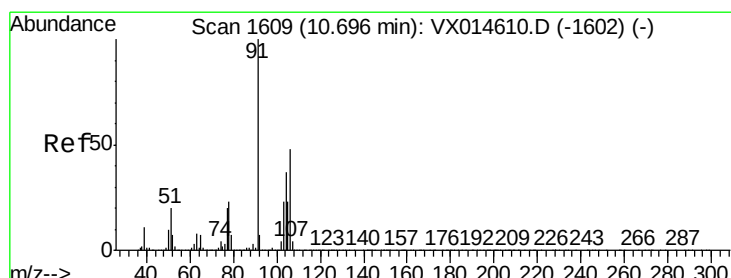
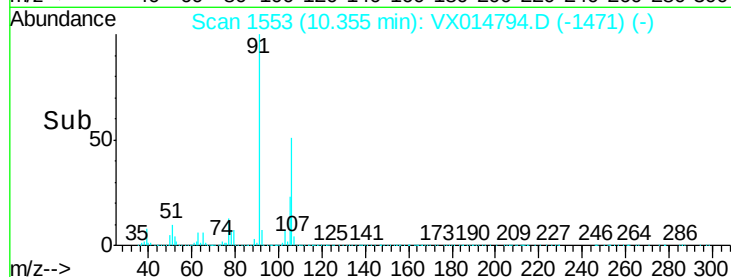
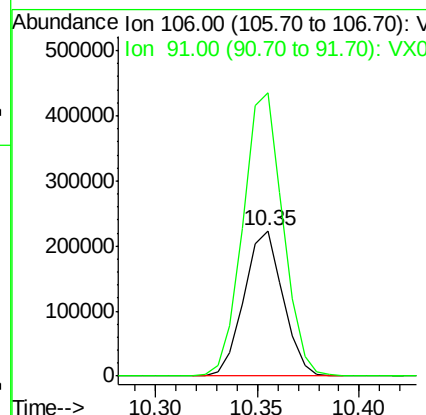
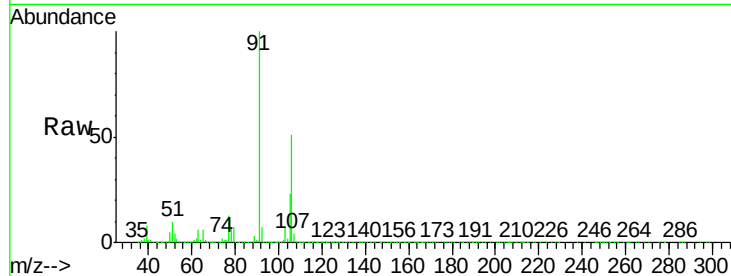
#67
m/p-Xylenes
Concen: 40.584 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX014794.D
Acq: 03 Feb 2020 14:17

Instrument :
MSVOA_X
ClientSampleId :
VX0203WBSD02

Tot Ion	Ratio	Lower	Upper
106	100		
91	199.4	159.3	238.9

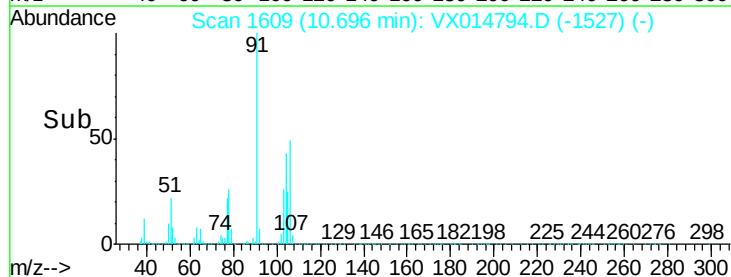
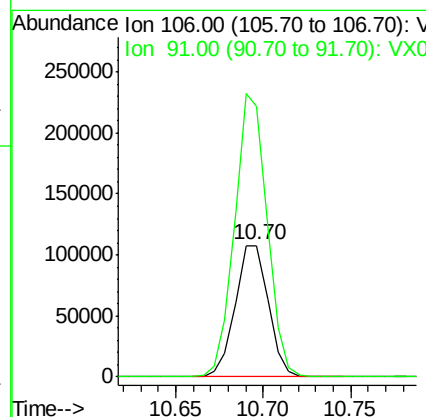
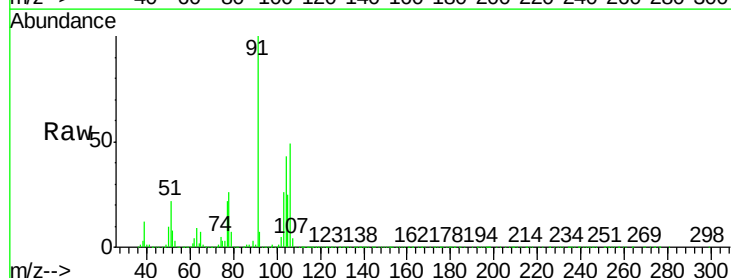
Manual Integrations
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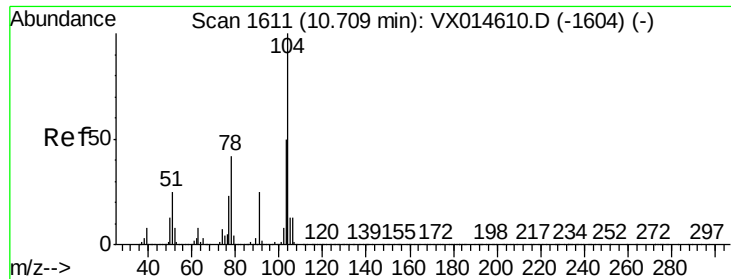
MMDadoda
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#68
o-Xylene
Concen: 19.903 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX014794.D
Acq: 03 Feb 2020 14:17

Tgt Ion	Ratio	Lower	Upper
106	100		
91	211.5	104.8	314.6





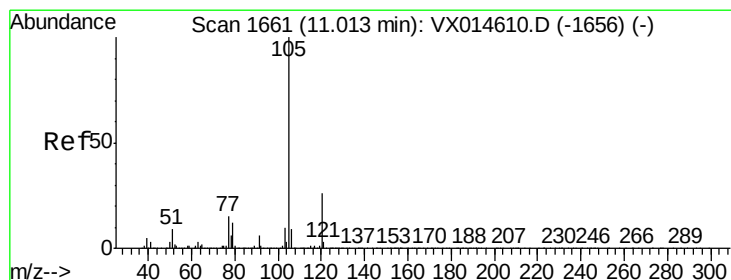
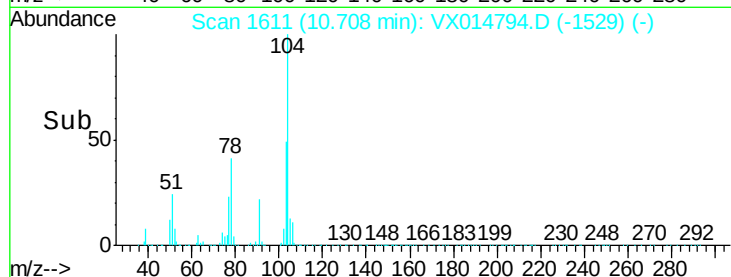
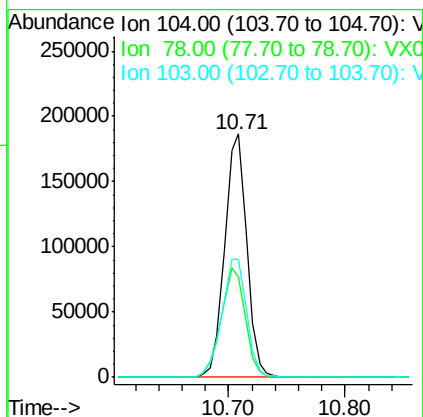
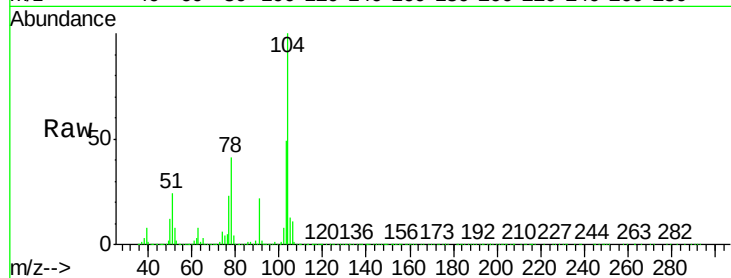
#69
Stvrene
Concen: 20.356 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX014794.D
Acq: 03 Feb 2020 14:17

Instrument :
MSVOA_X
ClientSampleId :
VX0203WBSD02

Tot Ion:	104	Resp:	245207
Ion Ratio		Lower	Upper
104	100		
78	48.8	38.9	58.3
103	54.0	44.2	66.2

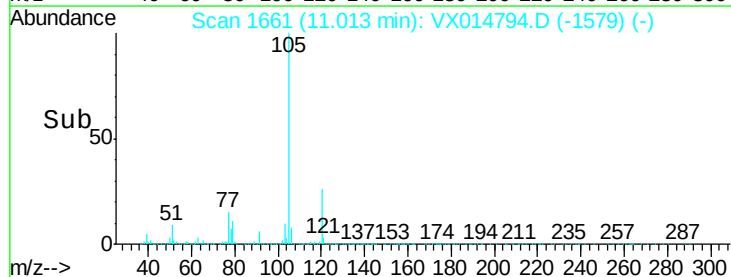
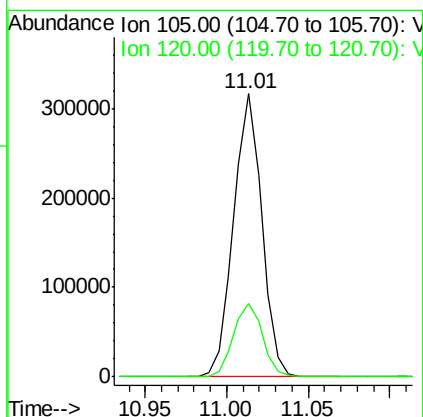
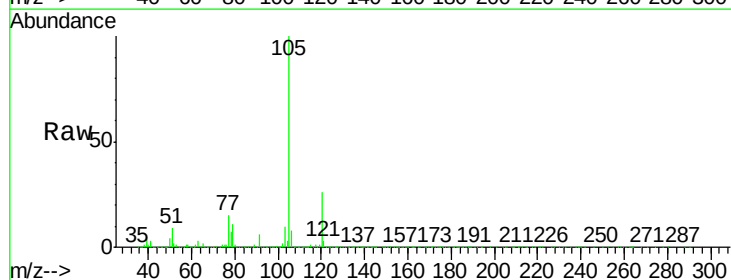
Manual Integrations
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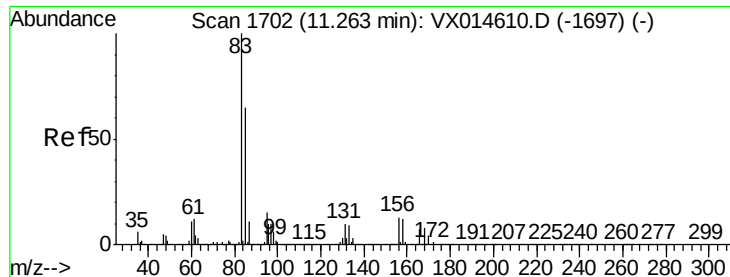
MMDadoda
2/4/2020 3:32:22 PM



#70
Isopropylbenzene
Concen: 20.485 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX014794.D
Acq: 03 Feb 2020 14:17

Tgt Ion:	105	Resp:	381536
Ion Ratio		Lower	Upper
105	100		
120	26.8	19.1	35.5





#71

1,1,2,2-Tetrachloroethane

Concen: 20.177 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX014794.D

Acq: 03 Feb 2020 14:17

Instrument :

MSVOA_X

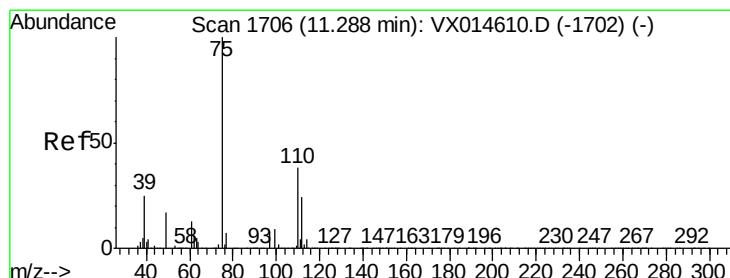
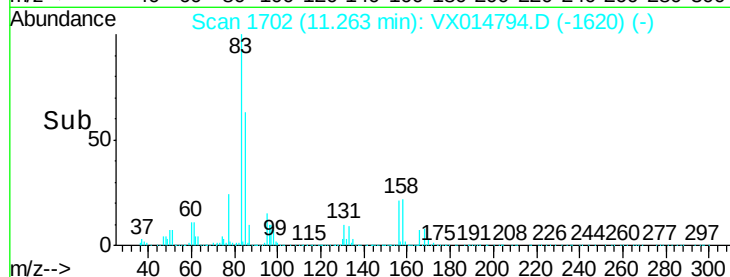
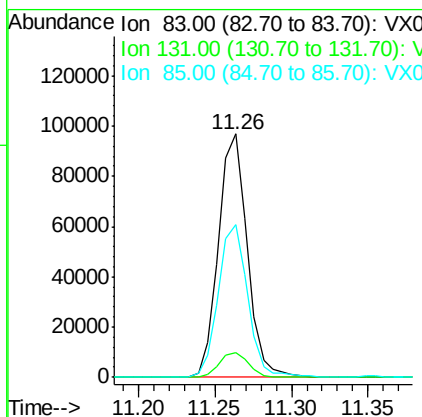
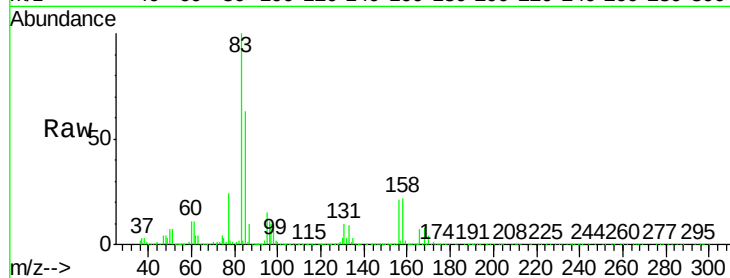
ClientSampleId :

VX0203WBSD02

Tot Ion:	83	Resp:	126586
Ion Ratio	Lower	Upper	
83	100		
131	10.3	4.9	14.7
85	63.7	31.6	94.7

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2/4/2020 3:32:22 PM



#72

1,2,3-Trichloropropane

Concen: 20.839 ug/l m

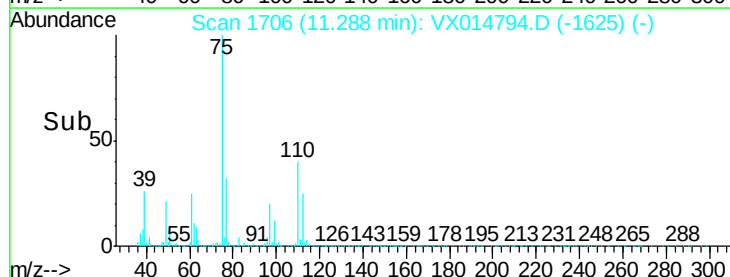
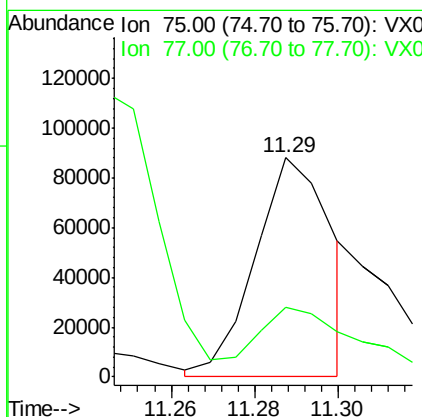
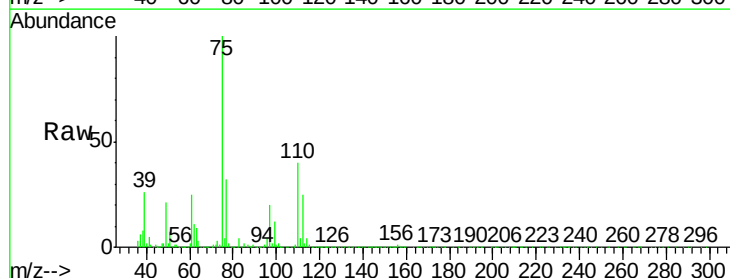
RT: 11.29 min Scan# 1706

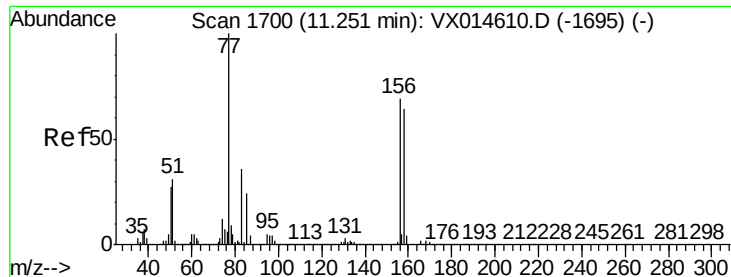
Delta R.T. -0.01 min

Lab File: VX014794.D

Acq: 03 Feb 2020 14:17

Tgt Ion:	75	Resp:	111833
Ion Ratio	Lower	Upper	
75	100		
77	43.1	0.0	68.4





#73

Bromobenzene

Concen: 20.339 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014794.D

Acq: 03 Feb 2020 14:17

Instrument :

MSVOA_X

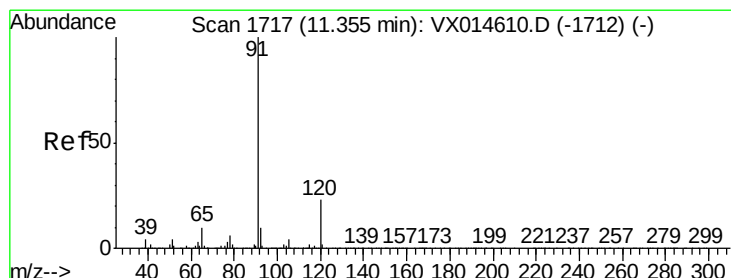
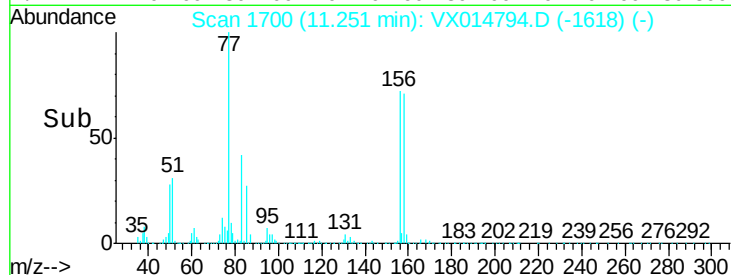
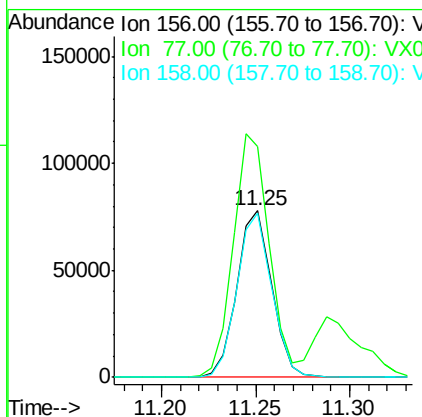
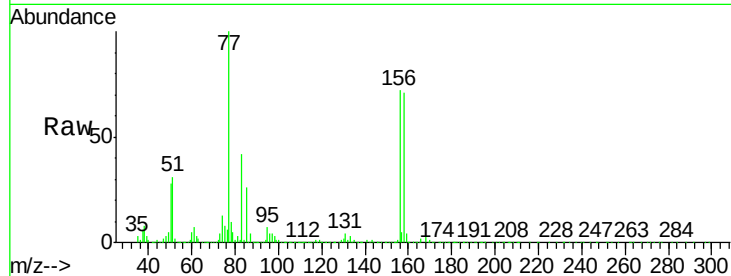
ClientSampleId :

VX0203WBSD02

Tot Ion:	156	Resp:	100420
Ion Ratio	Lower	Upper	
156	100		
77	148.4	0.0	304.6
158	97.9	0.0	195.2

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#74

n-propylbenzene

Concen: 20.490 ug/l

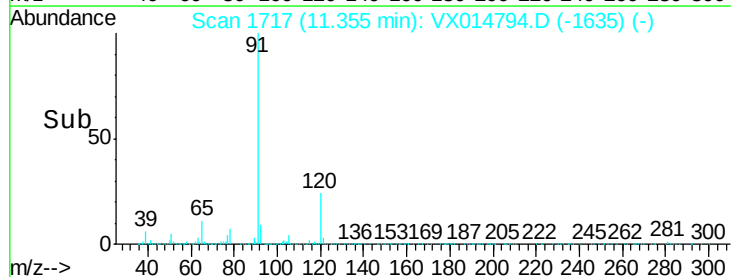
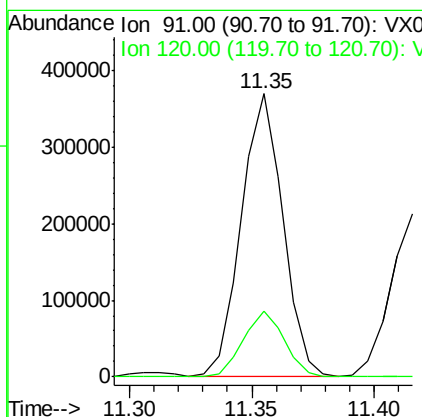
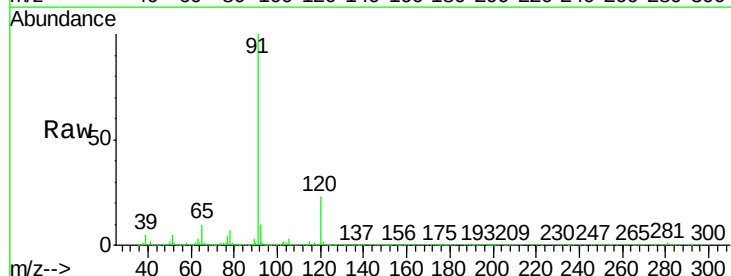
RT: 11.35 min Scan# 1717

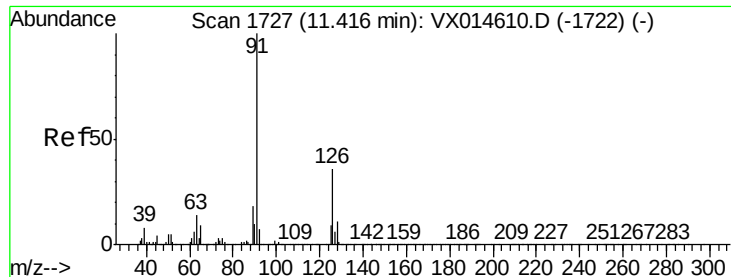
Delta R.T. -0.00 min

Lab File: VX014794.D

Acq: 03 Feb 2020 14:17

Tgt Ion:	91	Resp:	436094
Ion Ratio	Lower	Upper	
91	100		
120	22.9	0.0	44.8





#75

2-Chlorotoluene

Concen: 20.415 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX014794.D

Acq: 03 Feb 2020 14:17

Instrument :

MSVOA_X

ClientSampleId :

VX0203WBSD02

Tot Ion: 91 Resp: 260400

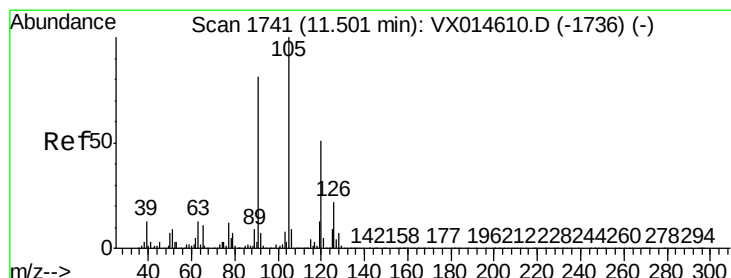
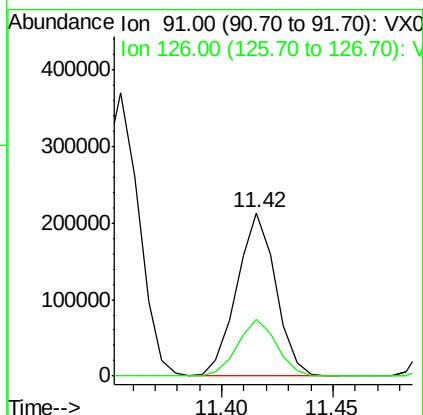
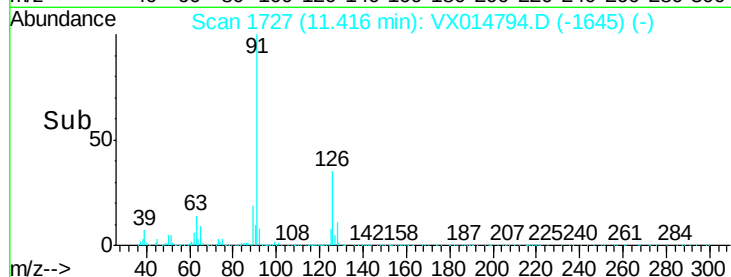
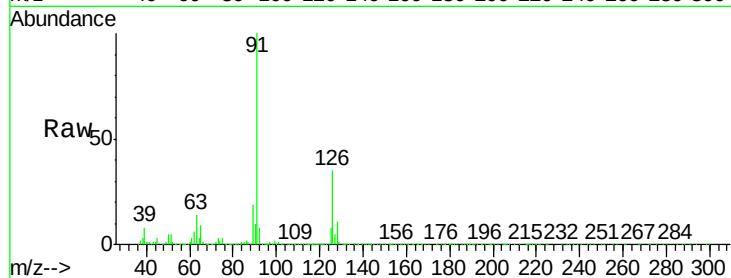
Ion Ratio Lower Upper

91 100

126 34.7 0.0 70.8

Manual Integrations
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#76

1,3,5-Trimethylbenzene

Concen: 20.393 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX014794.D

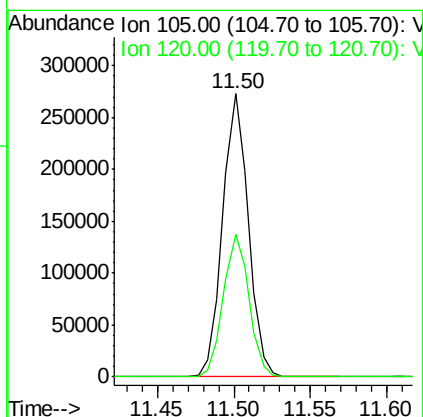
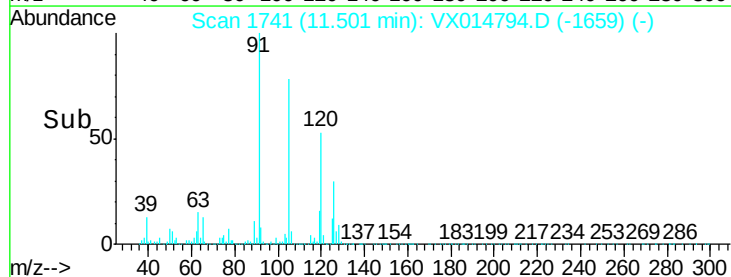
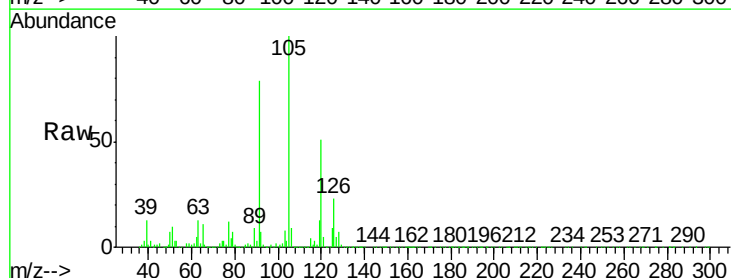
Acq: 03 Feb 2020 14:17

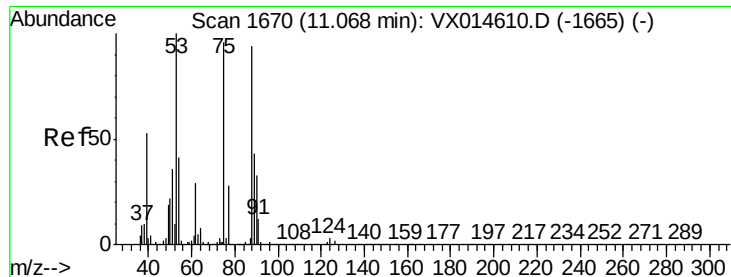
Tgt Ion: 105 Resp: 316500

Ion Ratio Lower Upper

105 100

120 50.7 0.0 100.6





#77

t-1,4-Dichloro-2-butene

Concen: 19.878 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX014794.D

Acq: 03 Feb 2020 14:17

Instrument :

MSVOA_X

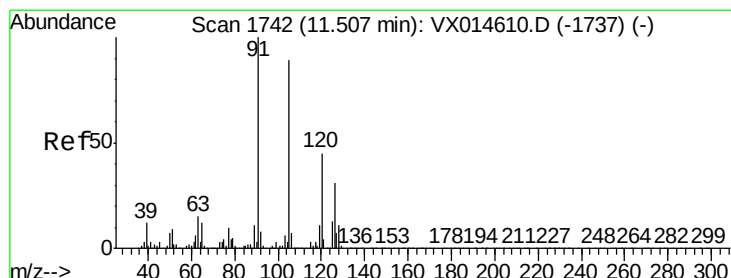
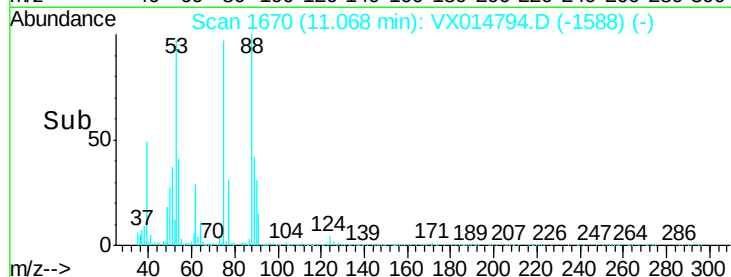
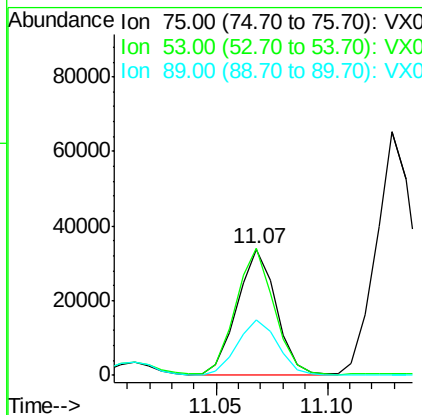
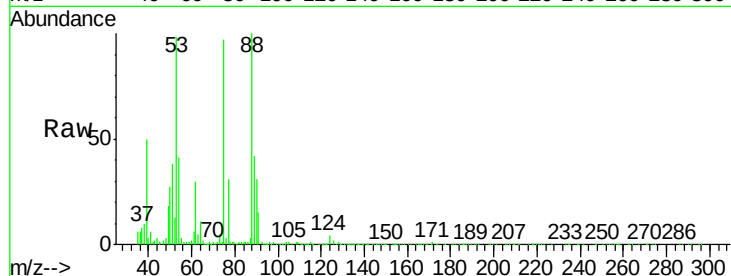
ClientSampleId :

VX0203WBSD02

Tot Ion:	75	Resp:	41057
Ion Ratio	Lower	Upper	
75	100		
53	100.7	54.4	163.1
89	43.5	21.9	65.5

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#78

4-Chlorotoluene

Concen: 20.206 ug/l

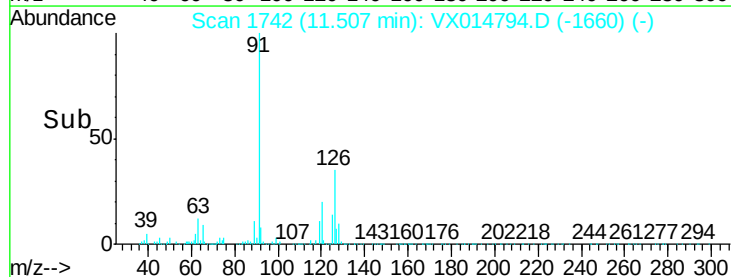
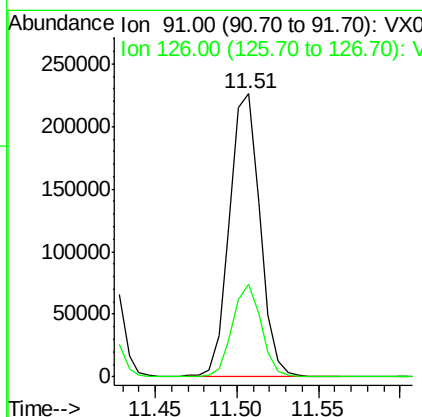
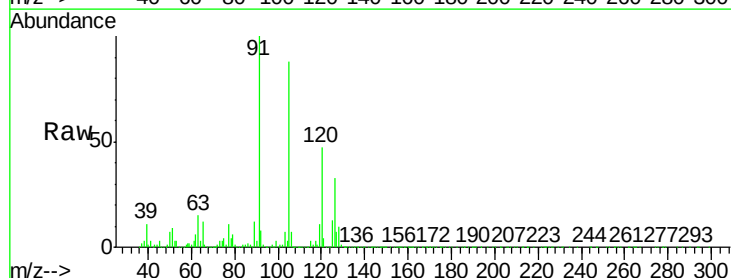
RT: 11.51 min Scan# 1742

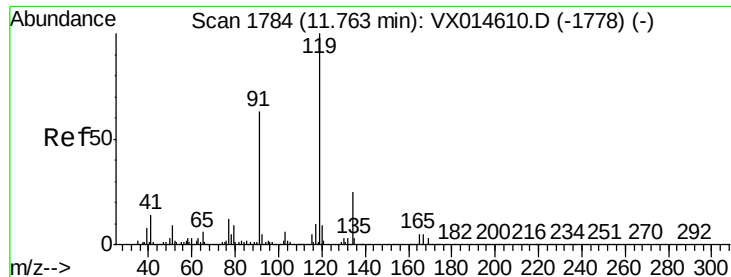
Delta R.T. -0.00 min

Lab File: VX014794.D

Acq: 03 Feb 2020 14:17

Tgt Ion:	91	Resp:	292702
Ion Ratio	Lower	Upper	
91	100		
126	31.1	0.0	59.6





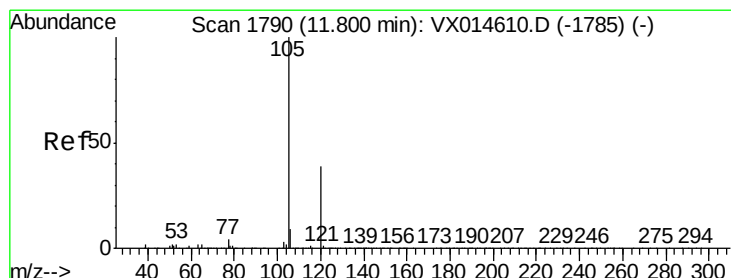
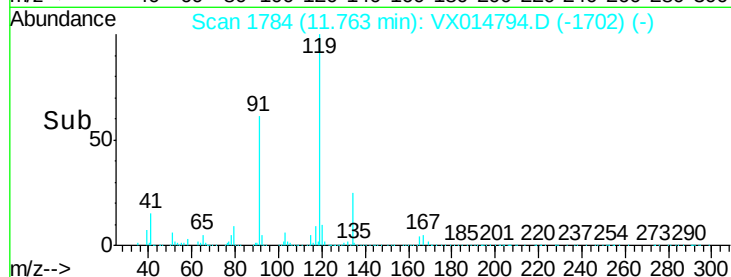
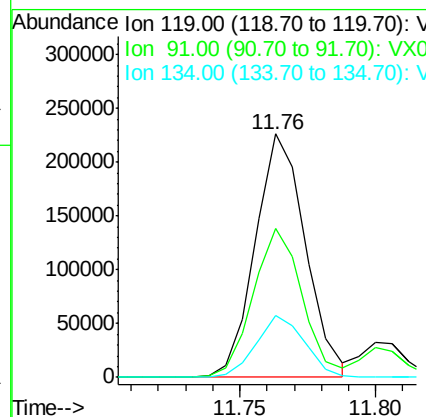
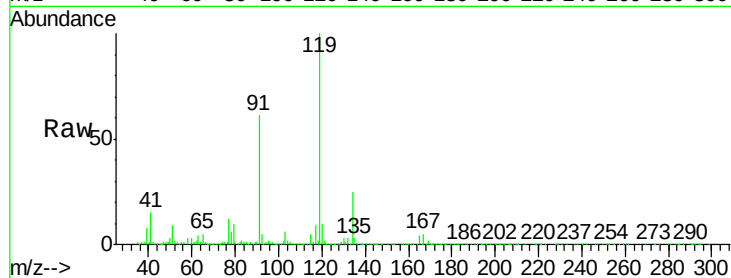
#79
tert-butylbenzene
Concen: 19.860 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX014794.D
Acq: 03 Feb 2020 14:17

Instrument :
MSVOA_X
ClientSampleId :
VX0203WBSD02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
119	100		288407		
91	60.0	0.0	112.6		
134	24.5	0.0	49.8		

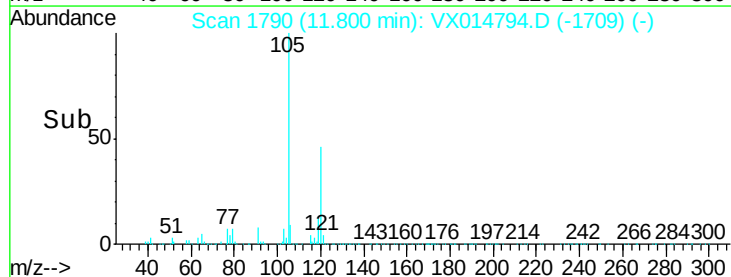
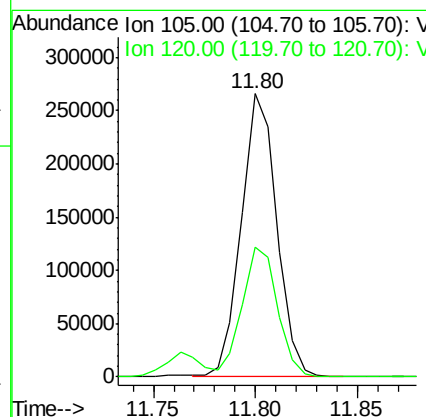
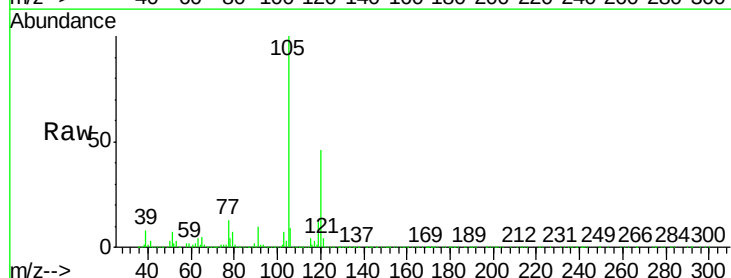
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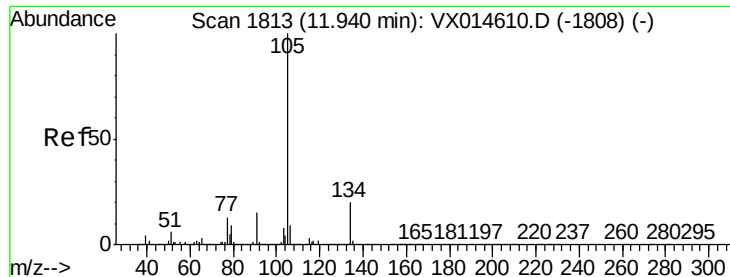
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#80
1,2,4-Trimethylbenzene
Concen: 20.591 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX014794.D
Acq: 03 Feb 2020 14:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		318742		
120	45.8	0.0	92.0		





#81

sec-Butylbenzene

Concen: 20.412 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX014794.D

Acq: 03 Feb 2020 14:17

Instrument :

MSVOA_X

ClientSampleId :

VX0203WBSD02

Tot Ion:105 Resp: 366796

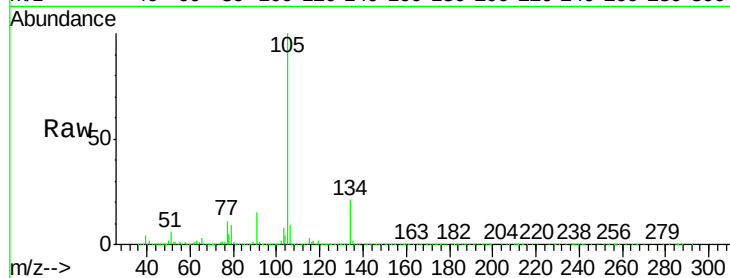
Ion Ratio Lower Upper

105 100

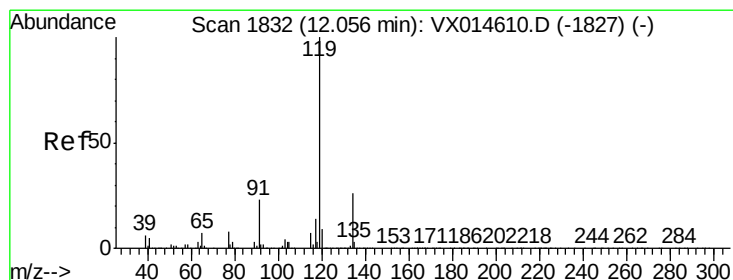
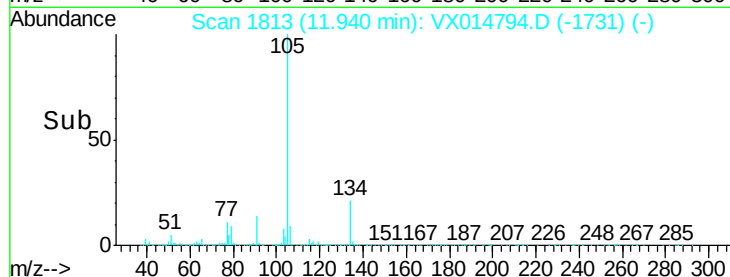
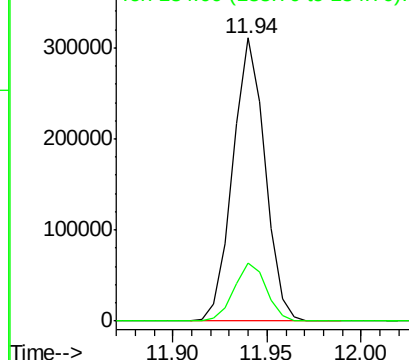
134 20.8 0.0 40.2

Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V
Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 20.461 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014794.D

Acq: 03 Feb 2020 14:17

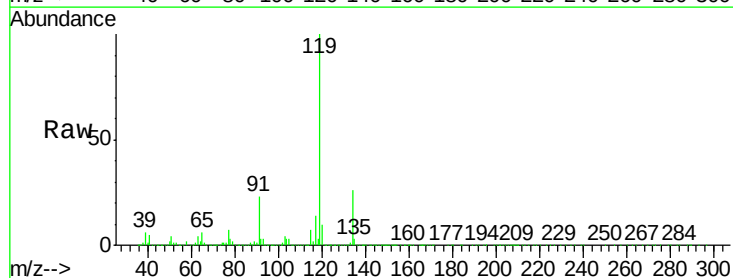
Tgt Ion:119 Resp: 335646

Ion Ratio Lower Upper

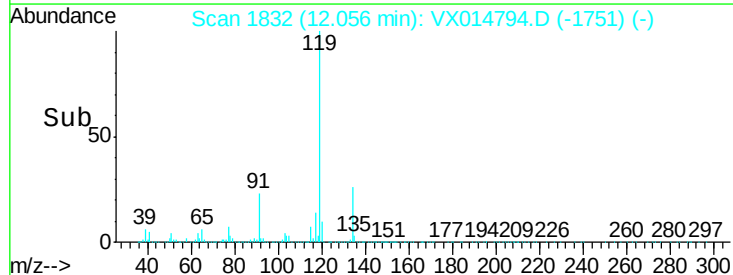
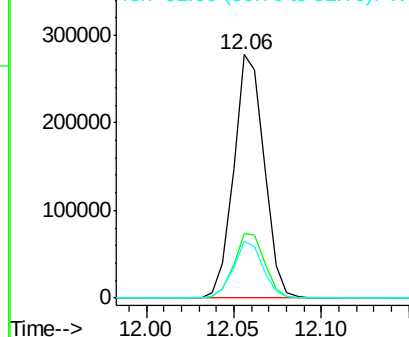
119 100

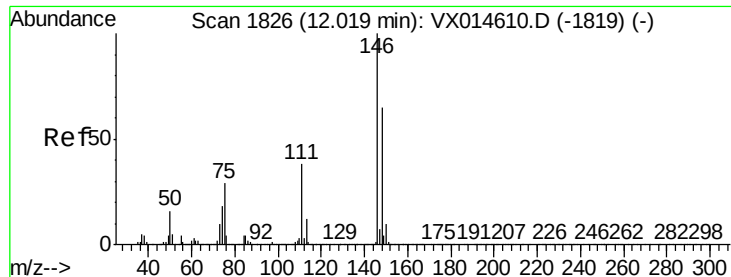
134 26.7 0.0 53.8

91 22.5 0.0 45.0



Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V





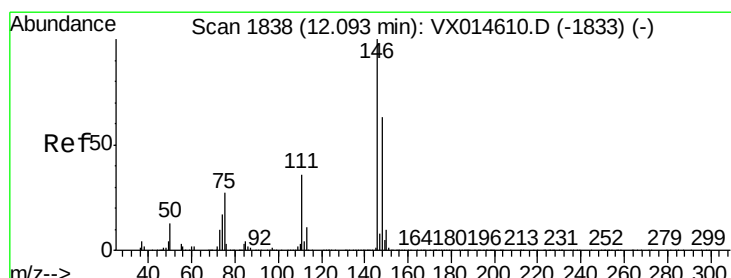
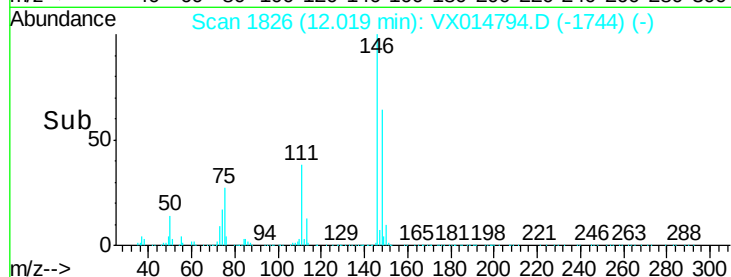
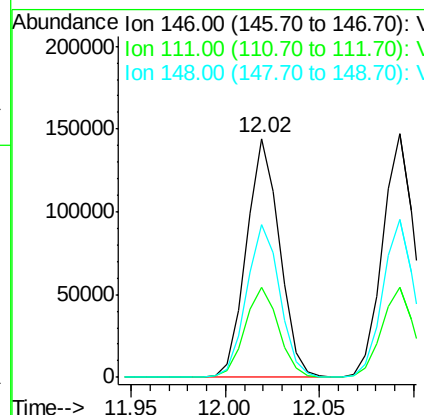
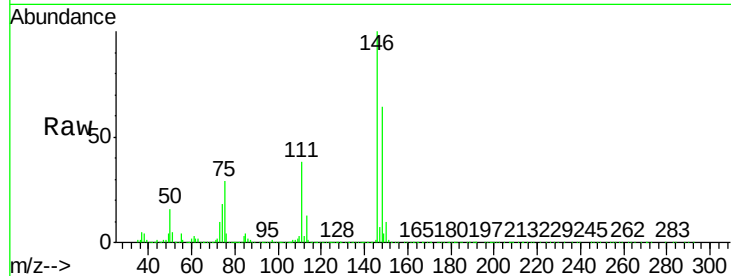
#83
 1,3-Dichlorobenzene
 Concen: 20.421 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX014794.D
 Acq: 03 Feb 2020 14:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0203WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.3	57.9
148	64.0	32.2	96.6

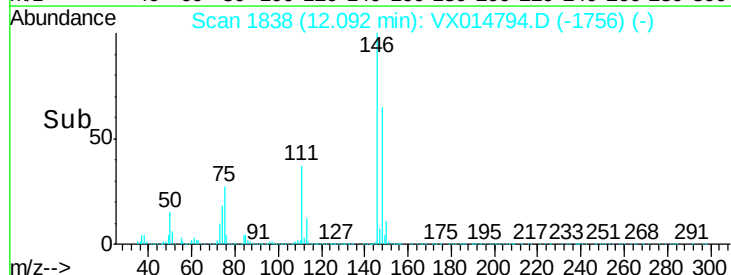
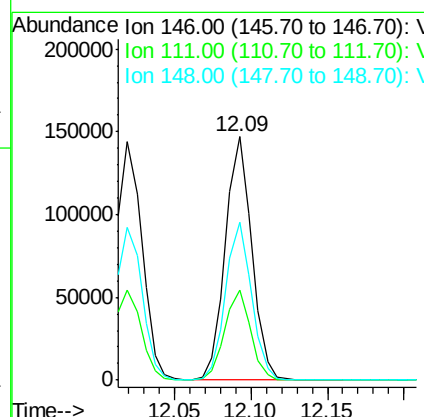
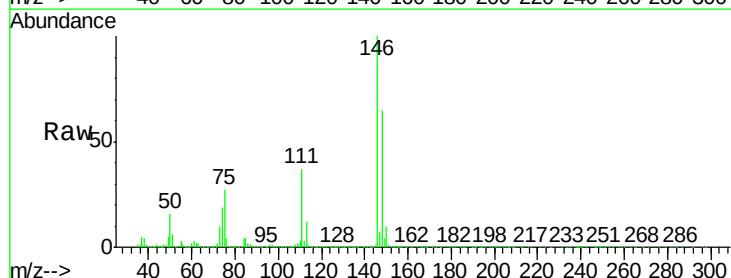
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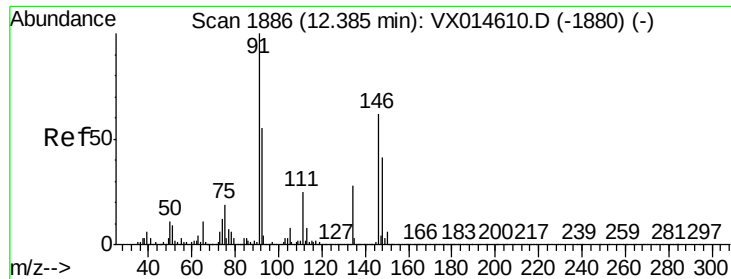
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#84
 1,4-Dichlorobenzene
 Concen: 20.649 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX014794.D
 Acq: 03 Feb 2020 14:17

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.4	55.4
148	63.7	32.0	96.0





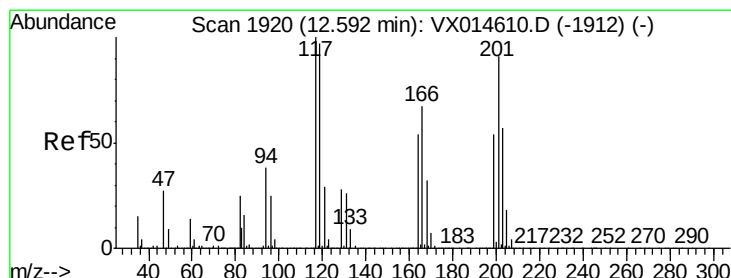
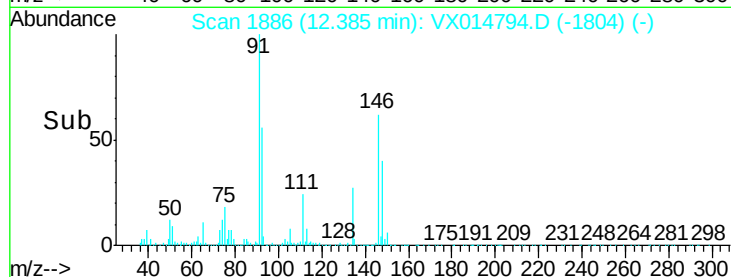
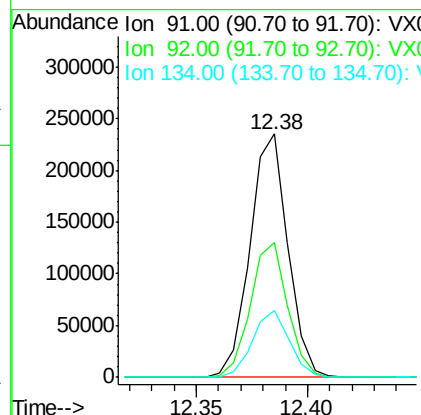
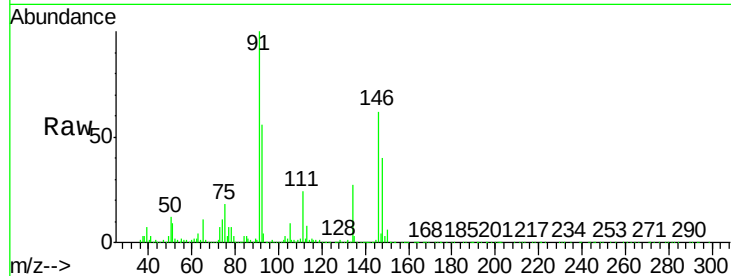
#85
n-Butylbenzene
Concen: 19.453 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX014794.D
Acq: 03 Feb 2020 14:17

Instrument :
MSVOA_X
ClientSampleId :
VX0203WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
91	100	279212		
92	54.5	0.0	109.0	
134	26.8	0.0	54.0	

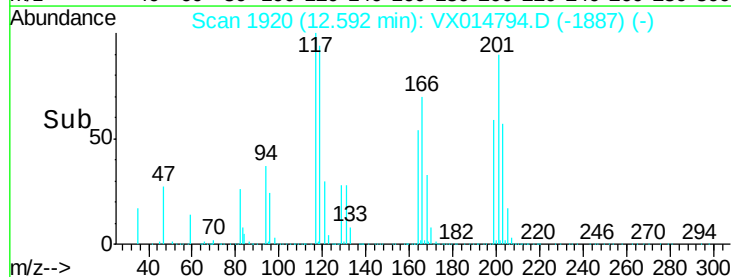
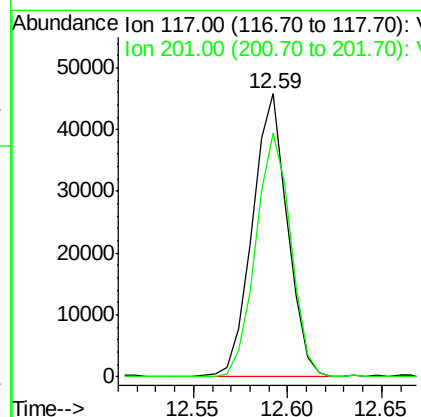
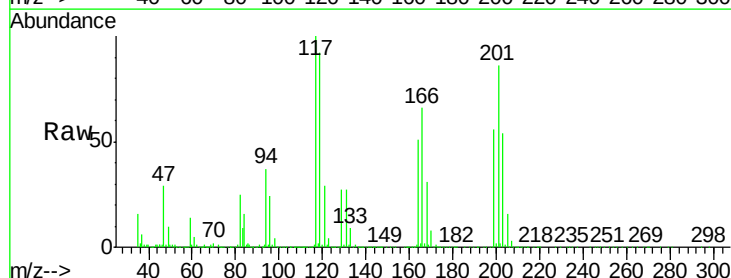
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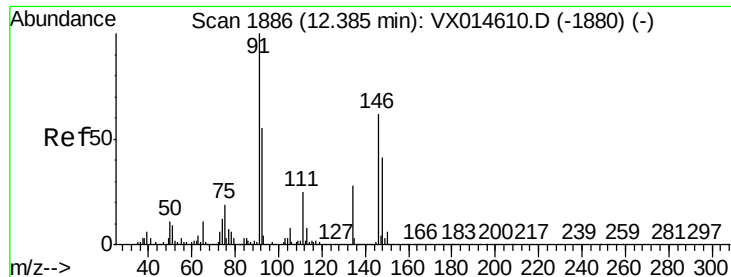
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#86
Hexachloroethane
Concen: 19.921 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX014794.D
Acq: 03 Feb 2020 14:17

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	58603		
201	86.5	44.8	134.3	





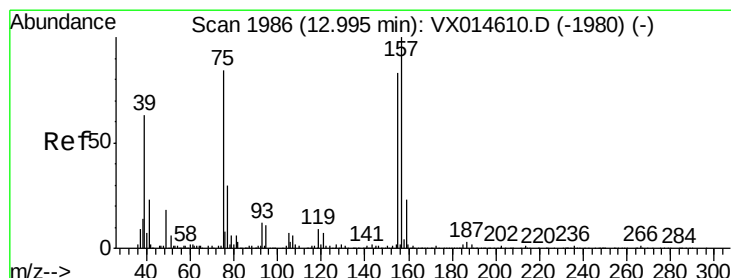
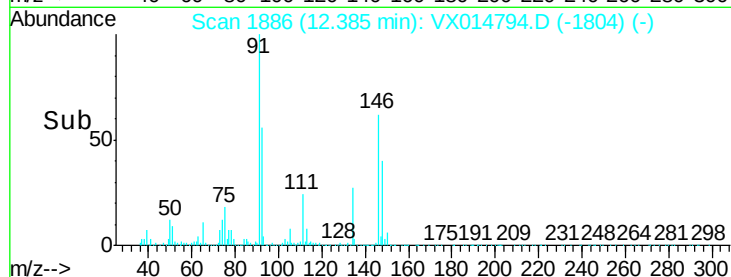
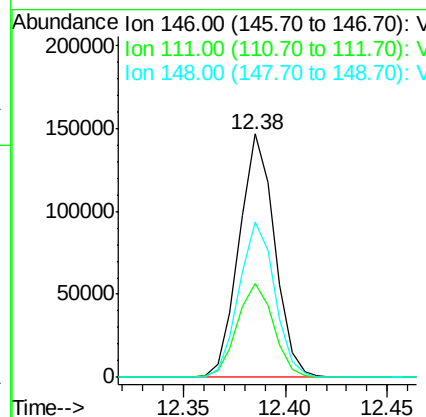
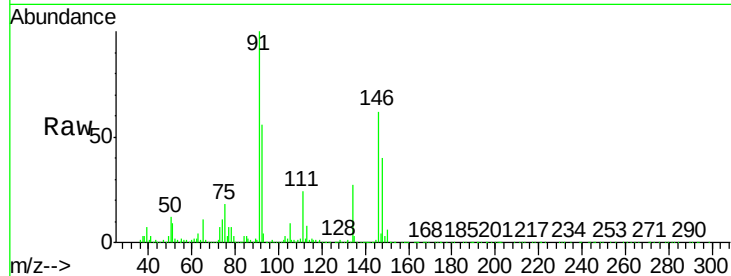
#87
 1,2-Dichlorobenzene
 Concen: 20.423 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX014794.D
 Acq: 03 Feb 2020 14:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0203WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	177653		
111	39.2	20.1	60.2	
148	63.9	32.0	96.2	

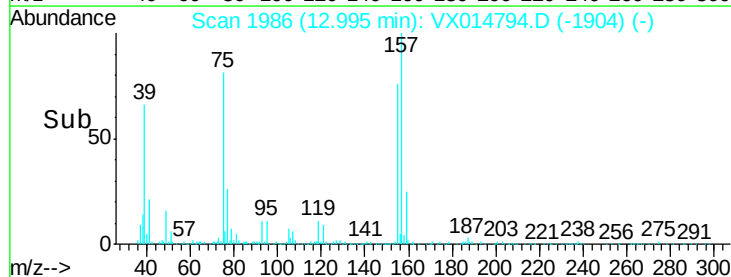
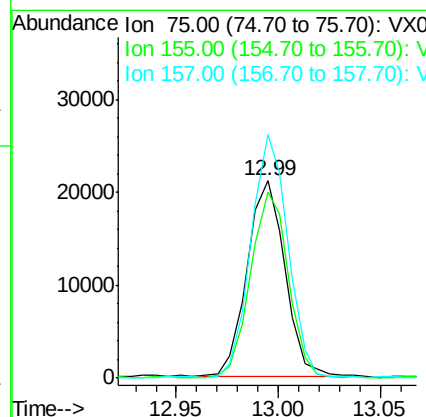
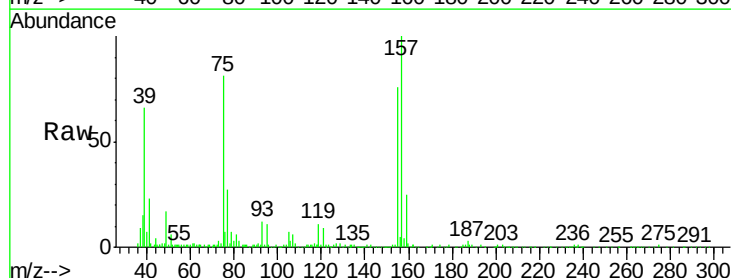
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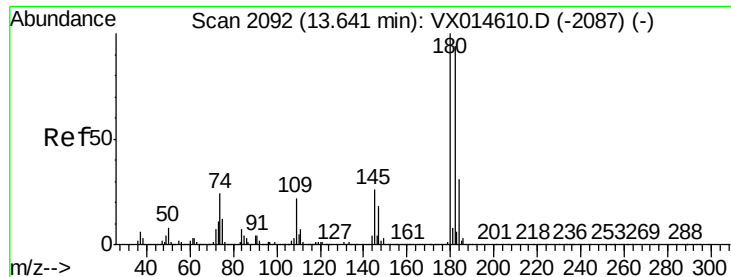
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 20.431 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX014794.D
 Acq: 03 Feb 2020 14:17

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	27381		
155	94.3	73.8	110.6	
157	120.6	95.0	142.4	





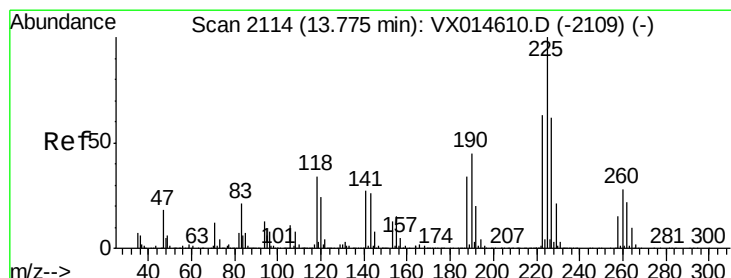
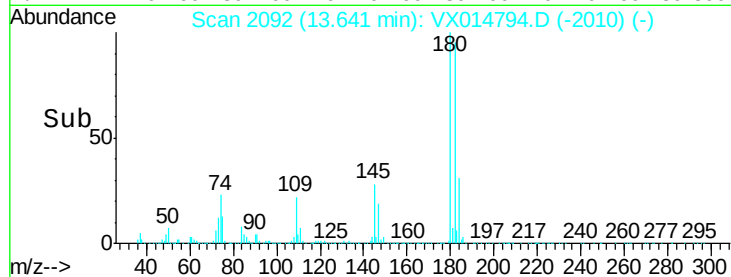
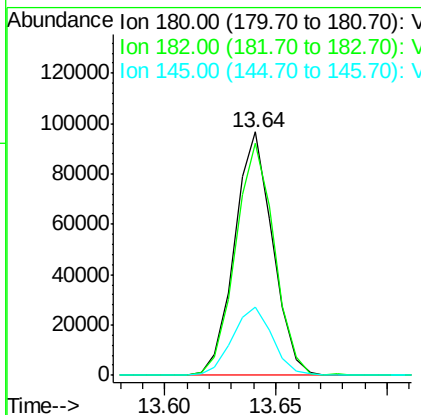
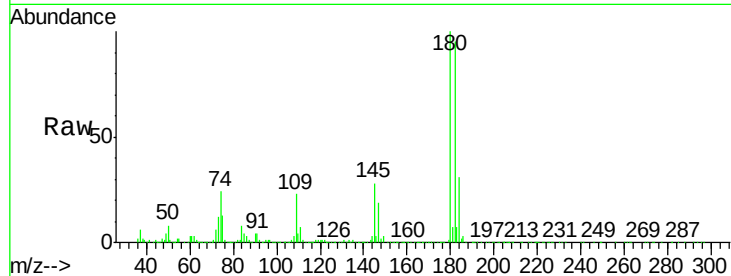
#89
 1,2,4-Trichlorobenzene
 Concen: 20.085 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX014794.D
 Acq: 03 Feb 2020 14:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0203WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	115320		
182	97.2	76.4	114.6	
145	29.3	21.9	32.9	

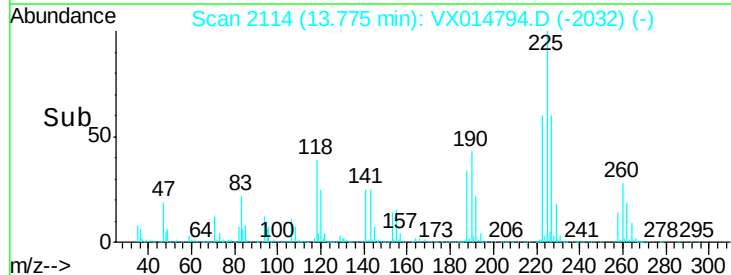
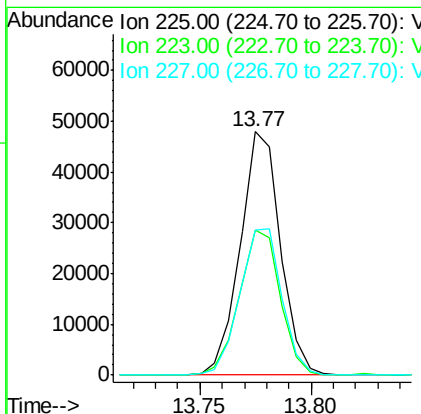
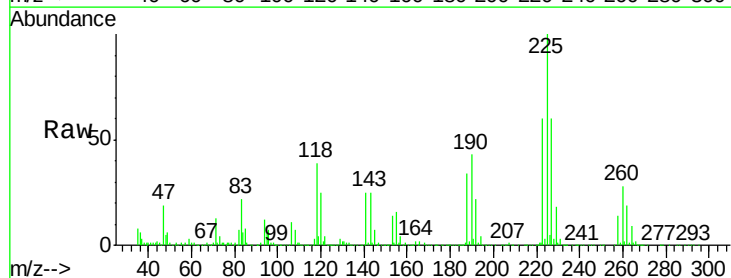
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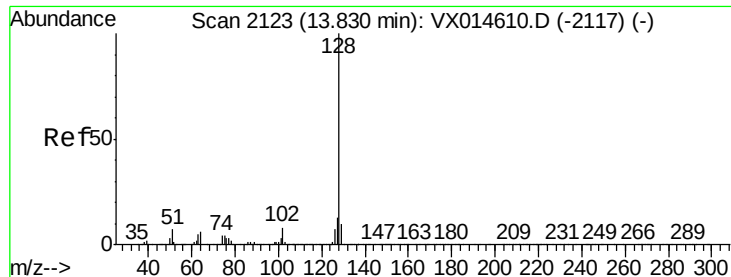
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#90
 Hexachlorobutadiene
 Concen: 21.092 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX014794.D
 Acq: 03 Feb 2020 14:17

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	60511		
223	61.1	0.0	127.4	
227	62.7	0.0	122.8	





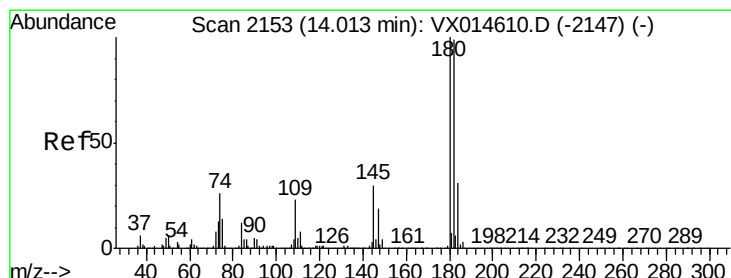
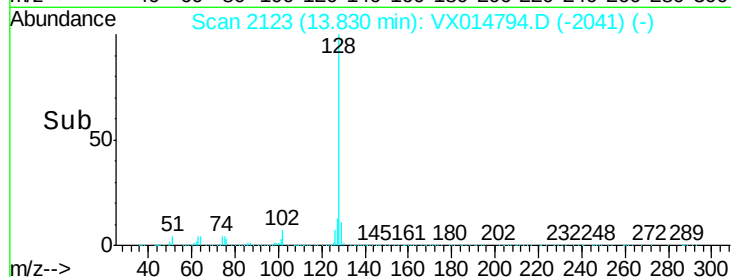
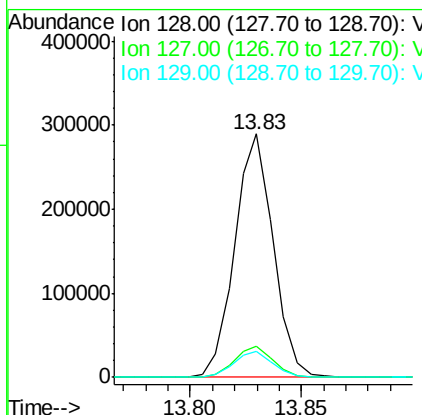
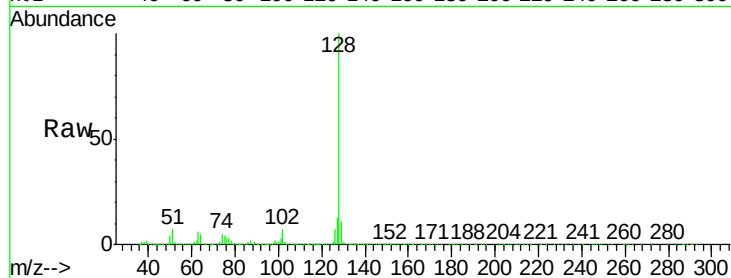
#91
Naphthalene
Concen: 20.117 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX014794.D
Acq: 03 Feb 2020 14:17

Instrument :
MSVOA_X
ClientSampleId :
VX0203WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
128	100	348650		
127	12.9	10.4	15.6	
129	10.8	8.9	13.3	

Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 20.827 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX014794.D
Acq: 03 Feb 2020 14:17

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	121715		
182	93.8	0.0	192.8	
145	29.5	0.0	60.0	

