

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021020\
 Data File : VX014892.D
 Acq On : 10 Feb 2020 16:53
 Operator : JC/SP
 Sample : VX0210MBSD01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0210MBSD01

Manual Integrations
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MMDadoda
 2/11/2020 10:35:31 AM

Quant Time: Feb 11 07:16:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	440405	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	650111	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	613221	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	323703	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	241917	48.67	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.34%	
35) Dibromofluoromethane	5.49	113	195245	48.85	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.70%	
50) Toluene-d8	8.71	98	757357	49.64	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.28%	
62) 4-Bromofluorobenzene	11.13	95	273848	49.83	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	83380	19.992	ug/l	98
3) Chloromethane	1.32	50	95518	20.201	ug/l	99
4) Vinyl Chloride	1.40	62	98887	19.413	ug/l	100
5) Bromomethane	1.64	94	64948	19.698	ug/l	99
6) Chloroethane	1.72	64	62041	19.035	ug/l	96
7) Trichlorofluoromethane	1.93	101	136945	19.242	ug/l	100
8) Diethyl Ether	2.18	74	57793	19.583	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	75673	18.318	ug/l	99
10) Methyl Iodide	2.51	142	73313	18.897	ug/l	97
11) Tert butyl alcohol	3.02	59	86747	98.848	ug/l	100
12) 1,1-Dichloroethene	2.37	96	77587	19.220	ug/l	97
13) Acrolein	2.28	56	58872	88.019	ug/l	98
14) Allyl chloride	2.72	41	129150	18.045	ug/l	98
15) Acrylonitrile	3.13	53	215042	96.660	ug/l	100
16) Acetone	2.43	43	194649	64.810	ug/l	99
17) Carbon Disulfide	2.56	76	210061	18.624	ug/l	99
18) Methyl Acetate	2.76	43	94842	18.946	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	252776	19.241	ug/l	97
20) Methylene Chloride	2.85	84	90526	18.933	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	83473	18.740	ug/l	96
22) Diisopropyl ether	3.84	45	265506	19.424	ug/l	99
23) Vinyl Acetate	3.81	43	1133095	100.556	ug/l	98
24) 1,1-Dichloroethane	3.69	63	149400	19.366	ug/l	98
25) 2-Butanone	4.65	43	293730	86.805	ug/l	100
26) 2,2-Dichloropropane	4.58	77	116605	17.539	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	92913	18.661	ug/l	98
28) Bromochloromethane	5.00	49	58784	19.658	ug/l	96
29) Tetrahydrofuran	5.12	42	187241	97.340	ug/l	99
30) Chloroform	5.20	83	147498	19.270	ug/l	98
31) Cyclohexane	5.58	56	129879	18.484	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	127119	18.986	ug/l	99
36) 1,1-Dichloropropene	5.79	75	110342	18.974	ug/l	97
37) Ethyl Acetate	4.82	43	116181	19.155	ug/l	100
38) Carbon Tetrachloride	5.78	117	108564	19.156	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	133188	18.313	ug/l	99
40) Benzene	6.14	78	337301	19.412	ug/l	98
41) Methacrylonitrile	5.03	41	63938	19.568	ug/l	98
42) 1,2-Dichloroethane	6.19	62	119585	19.042	ug/l	99
43) Isopropyl Acetate	6.44	43	193010	19.290	ug/l	99
44) Trichloroethene	7.21	130	95629	18.959	ug/l	97
45) 1,2-Dichloropropane	7.51	63	84732	19.121	ug/l	96
46) Dibromomethane	7.65	93	56732	18.729	ug/l	99
47) Bromodichloromethane	7.89	83	110876	18.461	ug/l	96
48) Methyl methacrylate	7.76	41	94629	19.217	ug/l	99
49) 1,4-Dioxane	7.73	88	36984	401.713	ug/l	95
51) 4-Methyl-2-Pentanone	8.64	43	596367	98.709	ug/l	100
52) Toluene	8.78	92	214644	19.450	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	123650	18.786	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	136715	18.802	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	85969	19.254	ug/l	94
56) Ethyl methacrylate	9.17	69	130493	19.444	ug/l	99
57) 1,3-Dichloropropane	9.37	76	145241	19.324	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	322420	91.863	ug/l	99
59) 2-Hexanone	9.48	43	451819	95.143	ug/l	100
60) Dibromochloromethane	9.57	129	91479	19.038	ug/l	97
61) 1,2-Dibromoethane	9.67	107	92055	19.108	ug/l	98
64) Tetrachloroethene	9.33	164	95989	16.742	ug/l	98
65) Chlorobenzene	10.14	112	234609	18.863	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	86073	19.062	ug/l	98
67) Ethyl Benzene	10.25	91	402251	19.016	ug/l	100
68) m/p-Xylenes	10.36	106	308114	37.811	ug/l	99
69) o-Xylene	10.70	106	151641	19.359	ug/l	97
70) Styrene	10.71	104	251585	18.985	ug/l	99
71) Bromoform	10.85	173	68841	18.265	ug/l #	100
73) Isopropylbenzene	11.01	105	395492	19.483	ug/l	99
74) N-amyl acetate	10.89	43	163331	19.364	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	128915	19.427	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	108197m	18.484	ug/l	
77) Bromobenzene	11.25	156	107422	18.959	ug/l	99
78) n-propylbenzene	11.35	91	453243	19.304	ug/l	100
79) 2-Chlorotoluene	11.42	91	266161	19.283	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	332435	19.599	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	40148	17.556	ug/l	93
82) 4-Chlorotoluene	11.51	91	311381	19.050	ug/l	100
83) tert-Butylbenzene	11.76	119	314845	19.602	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	337748	19.759	ug/l	100
85) sec-Butylbenzene	11.94	105	383042	19.197	ug/l	100
86) p-Isopropyltoluene	12.06	119	358518	19.201	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	189560	18.649	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	190042	18.309	ug/l	99
89) n-Butylbenzene	12.39	91	307501	18.388	ug/l	99
90) Hexachloroethane	12.59	117	60663	18.604	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	190469	19.108	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	27632	17.749	ug/l	98

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ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Mon Feb 10 12:09:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	136136	18.503	ug/l	99
94) Hexachlorobutadiene	13.78	225	64938	18.248	ug/l	98
95) Naphthalene	13.83	128	389047	19.888	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	134920	18.981	ug/l	99

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

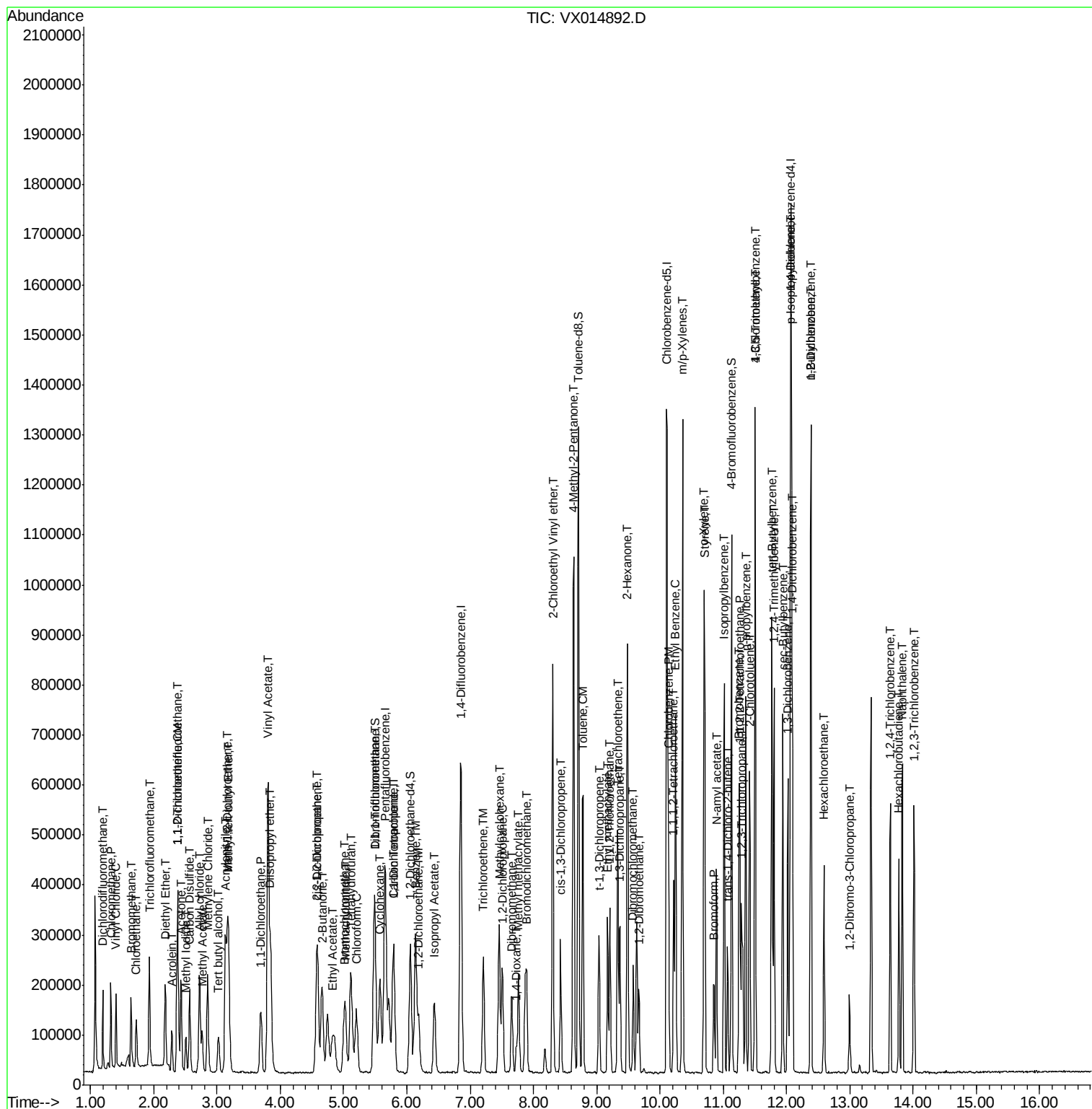
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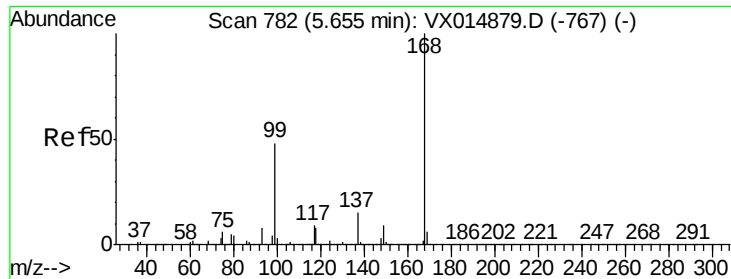
Instrument :
MSVOA_X
ClientSampleID :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 783

Delta R.T. 0.01 min

Lab File: VX014892.D

Acq: 10 Feb 2020 16:53

Instrument :

MSVOA_X

ClientSampleId :

VX0210MBSD01

Tot Ion:168 Resp: 440405

Ion Ratio Lower Upper

168 100

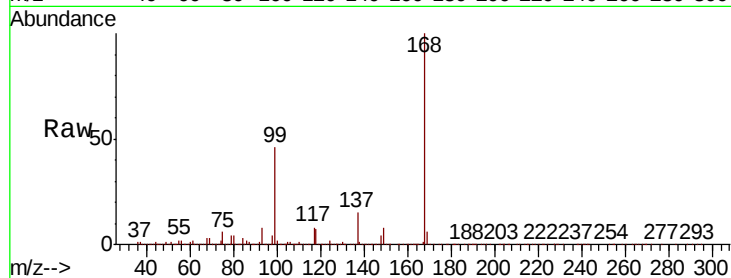
99 45.6 38.7 58.1

Manual Integrations

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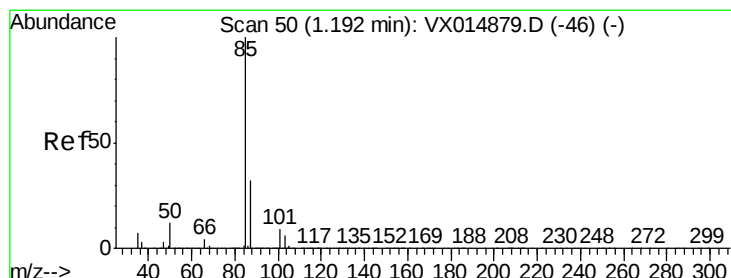
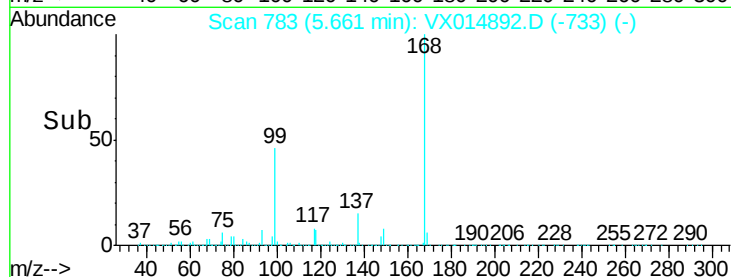
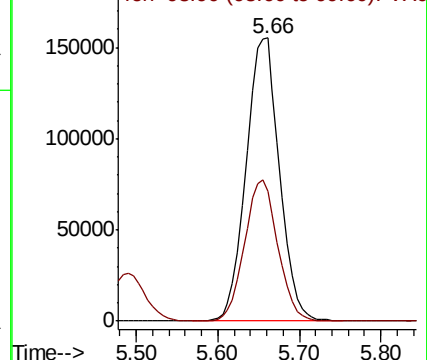
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.992 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014892.D

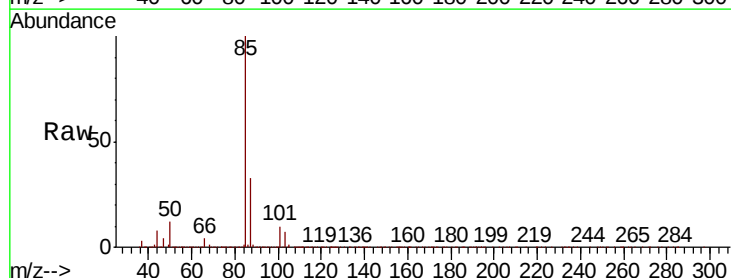
Acq: 10 Feb 2020 16:53

Tgt Ion: 85 Resp: 83380

Ion Ratio Lower Upper

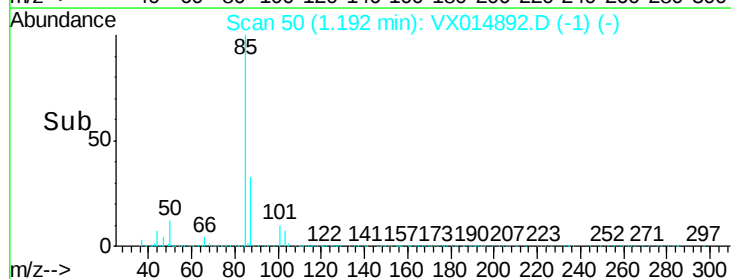
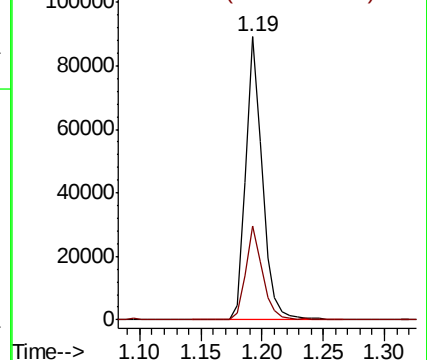
85 100

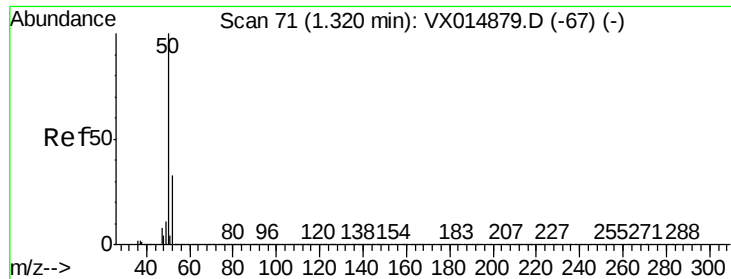
87 33.1 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





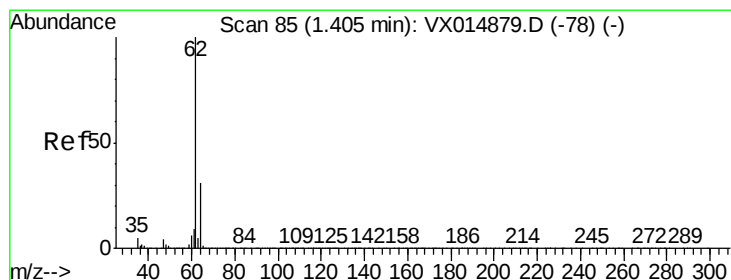
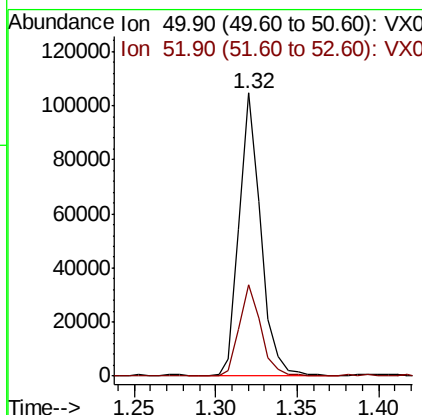
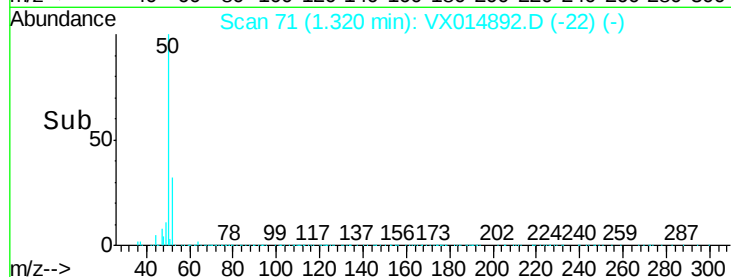
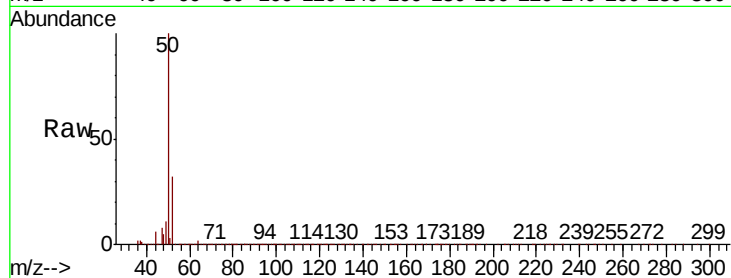
#3
Chloromethane
Concen: 20.201 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014892.D
Acq: 10 Feb 2020 16:53

Instrument :
MSVOA_X
ClientSampleId :
VX0210MBSD01

Tot Ion	Ratio	Lower	Upper
50	100		
52	32.2	26.2	39.2

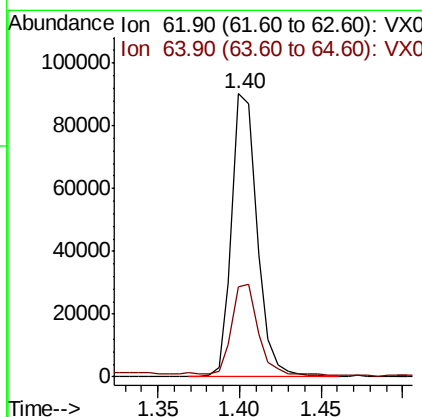
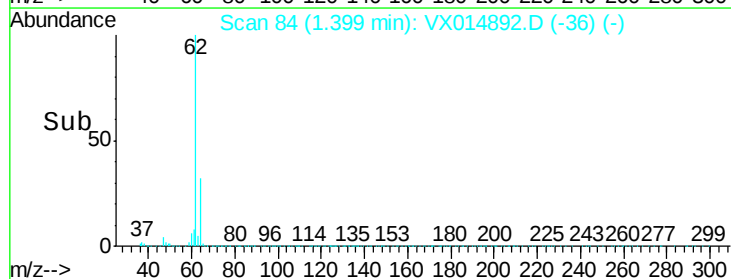
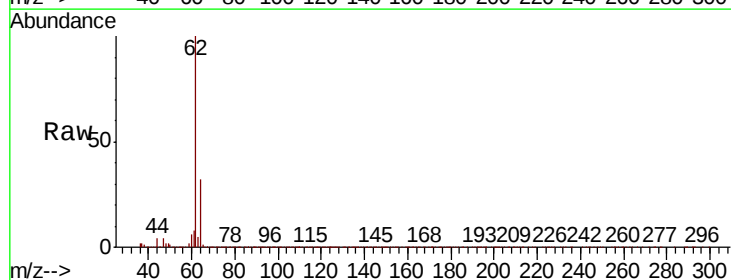
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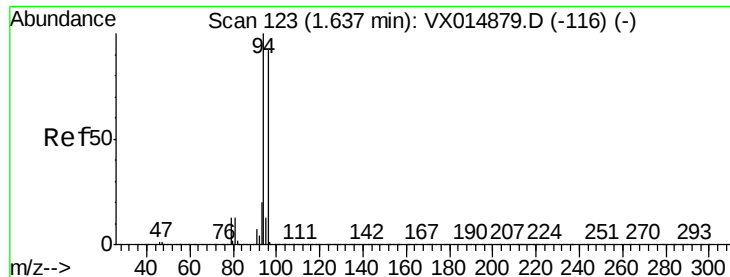
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#4
Vinyl Chloride
Concen: 19.413 ug/l
RT: 1.40 min Scan# 84
Delta R.T. -0.01 min
Lab File: VX014892.D
Acq: 10 Feb 2020 16:53

Tgt Ion	Ratio	Lower	Upper
62	100		
64	31.1	24.8	37.2





#5

Bromomethane

Concen: 19.698 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.01 min

Lab File: VX014892.D

Acq: 10 Feb 2020 16:53

Instrument :

MSVOA_X

ClientSampleId :

VX0210MBSD01

Tot Ion: 94 Resp: 64948

Ion Ratio Lower Upper

94 100

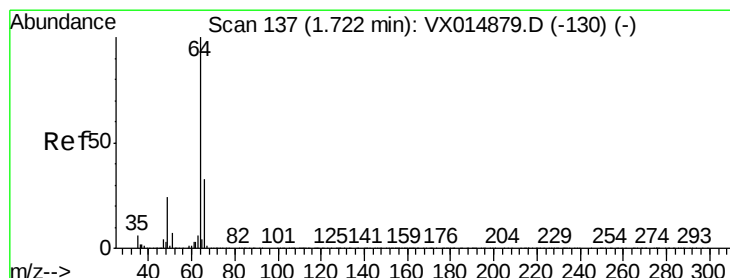
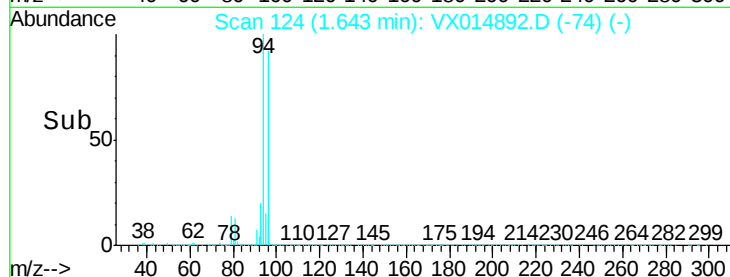
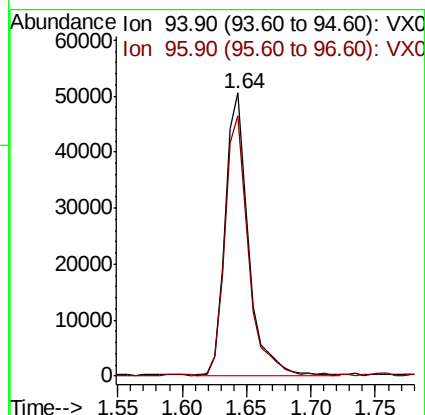
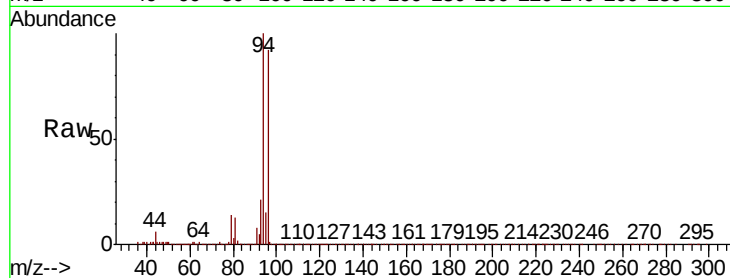
96 91.3 73.7 110.5

Manual Integrations

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#6

Chloroethane

Concen: 19.035 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.00 min

Lab File: VX014892.D

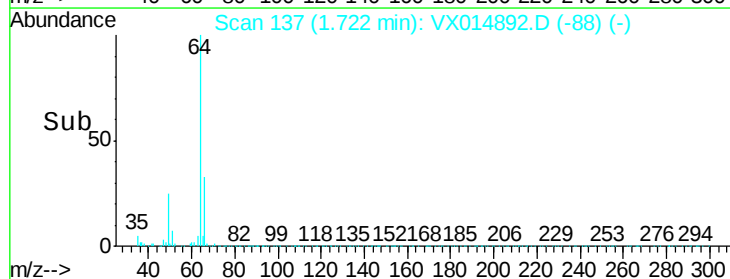
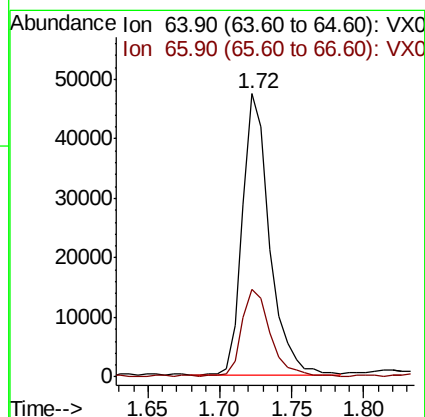
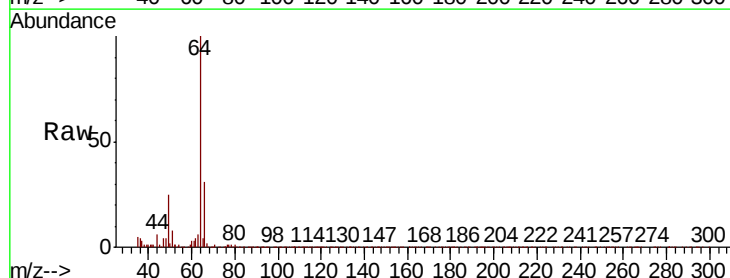
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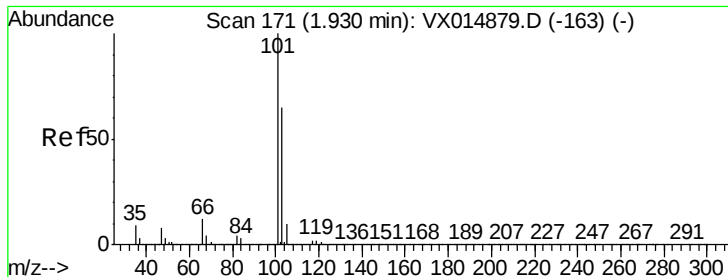
Tgt Ion: 64 Resp: 62041

Ion Ratio Lower Upper

64 100

66 30.7 26.2 39.4





#7

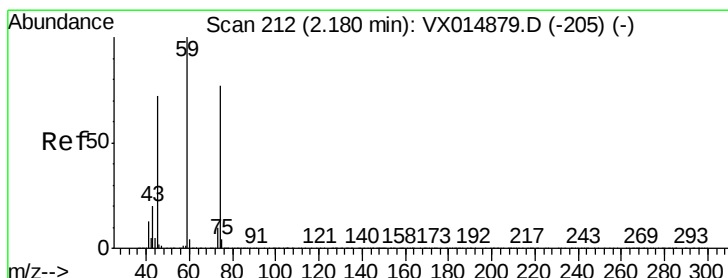
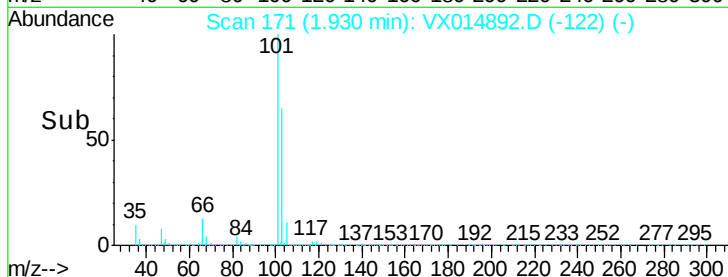
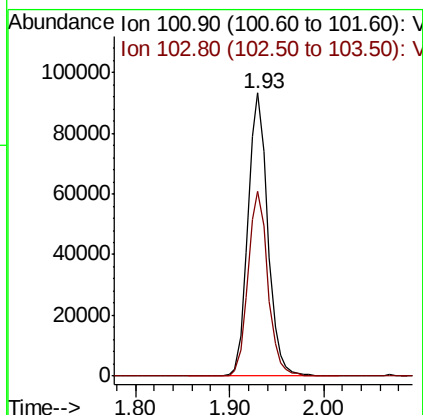
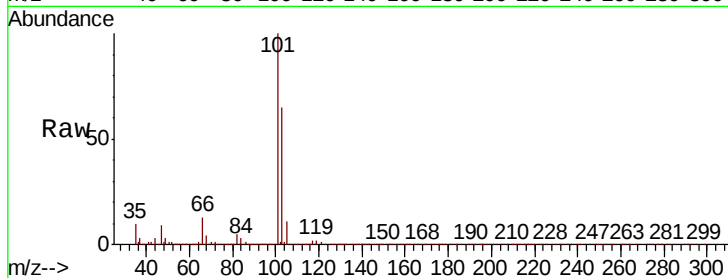
Trichlorofluoromethane
 Concen: 19.242 ug/l
 RT: 1.93 min Scan# 171
 Delta R.T. 0.00 min
 Lab File: VX014892.D
 Acq: 10 Feb 2020 16:53

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	136945		
103	65.3	52.2	78.4	

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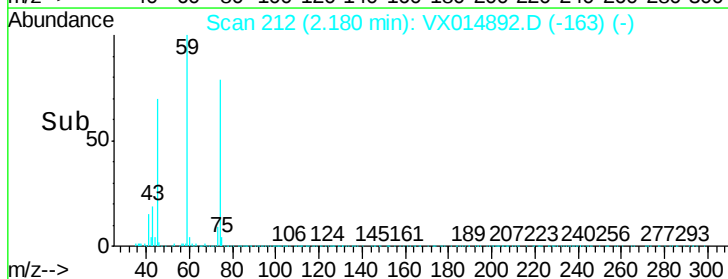
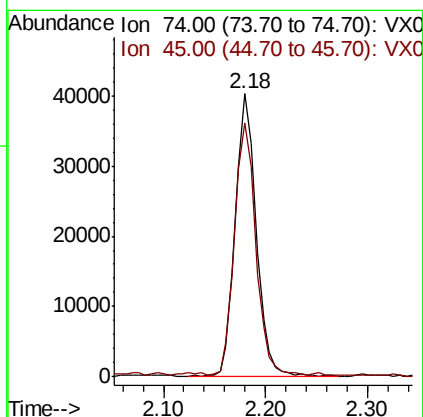
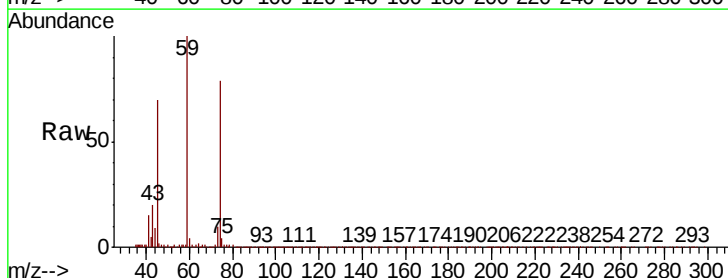
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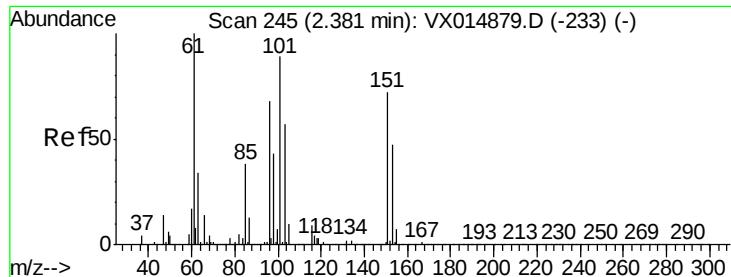


#8

Diethyl Ether
 Concen: 19.583 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX014892.D
 Acq: 10 Feb 2020 16:53

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	57793		
45	88.4	46.6	139.8	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.318 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.00 min

Lab File: VX014892.D

Acq: 10 Feb 2020 16:53

Instrument :

MSVOA_X

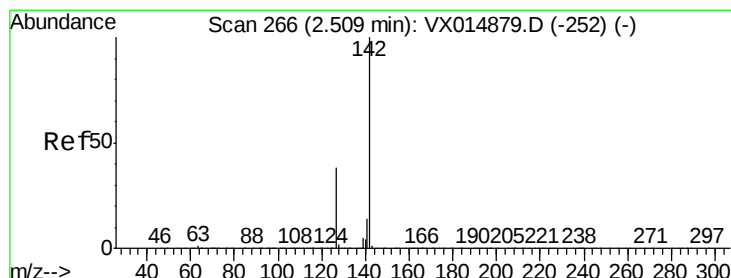
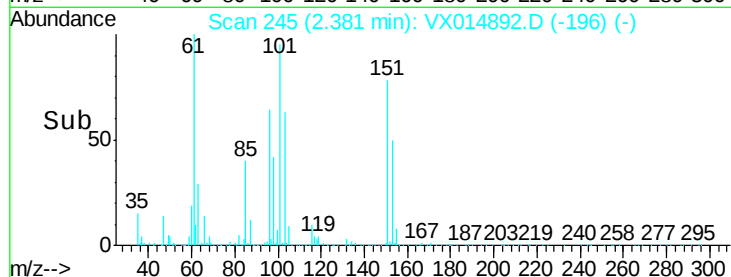
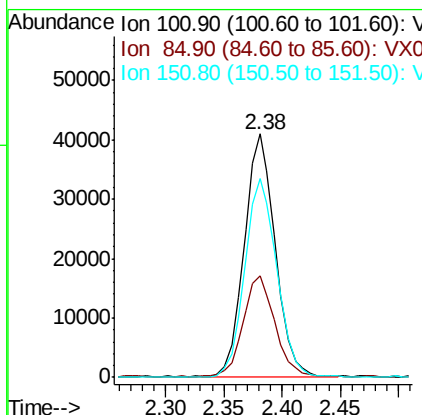
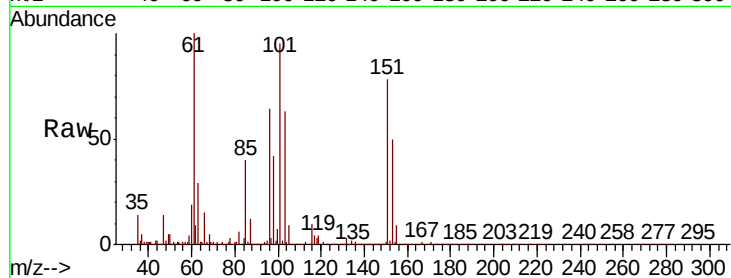
ClientSampleId :

VX0210MBSD01

Tot Ion:	101	Resp:	75673
Ion Ratio	Lower	Upper	
101	100		
85	42.8	34.1	51.1
151	85.2	67.3	100.9

Manual Integrations
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#10

Methyl Iodide

Concen: 18.897 ug/l

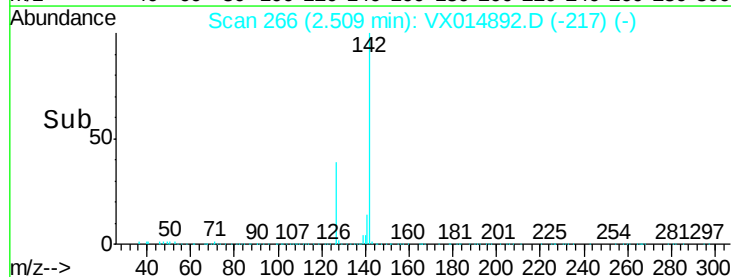
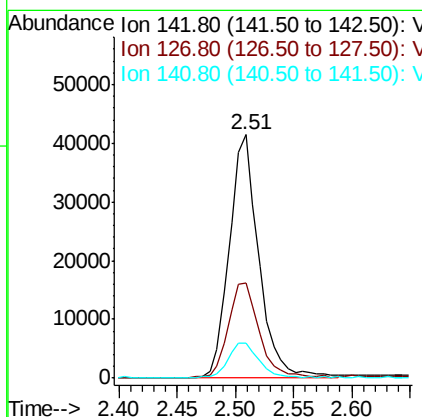
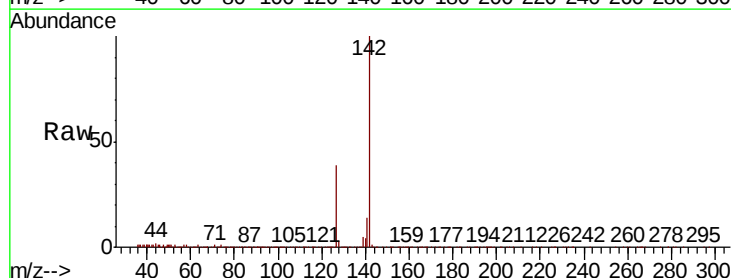
RT: 2.51 min Scan# 266

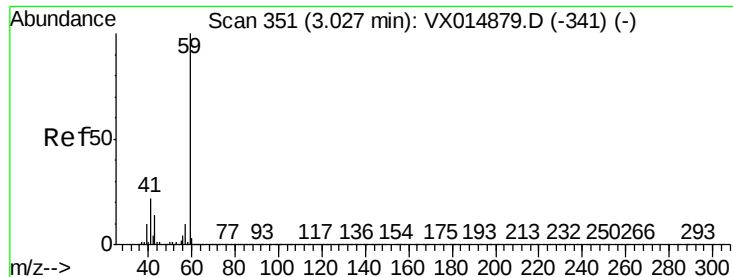
Delta R.T. 0.00 min

Lab File: VX014892.D

Acq: 10 Feb 2020 16:53

Tgt Ion:	142	Resp:	73313
Ion Ratio	Lower	Upper	
142	100		
127	41.1	31.1	46.7
141	15.4	11.3	16.9





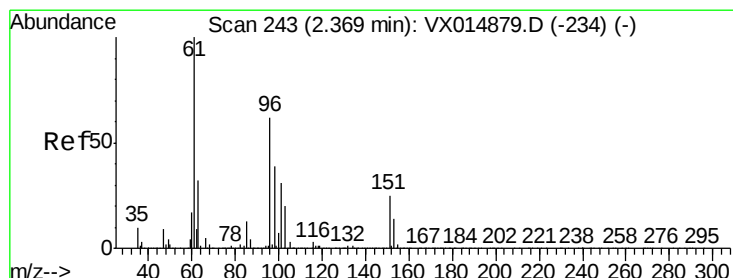
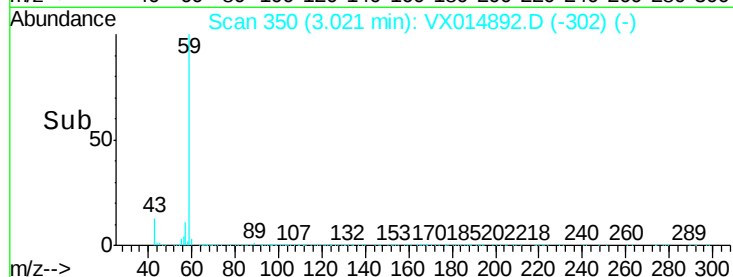
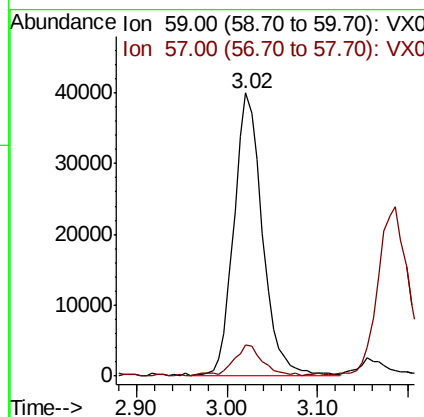
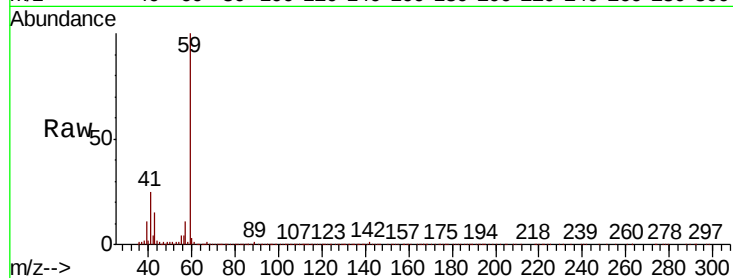
#11
Tert butyl alcohol
Concen: 98.848 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX014892.D
Acq: 10 Feb 2020 16:53

Instrument :
MSVOA_X
ClientSampleID :
VX0210MBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.2	12.4

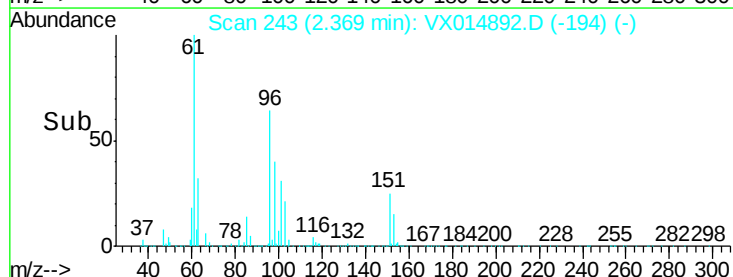
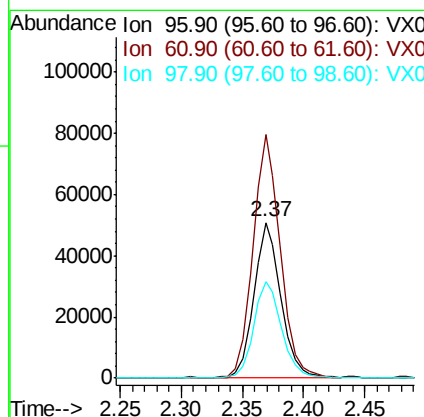
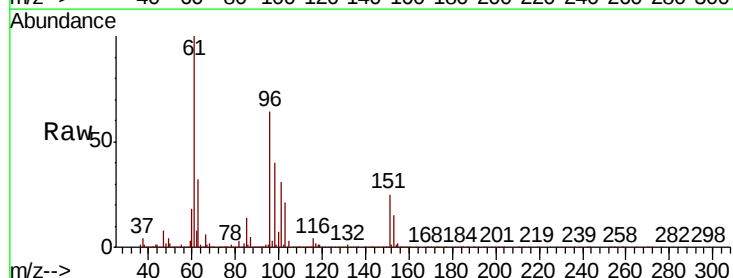
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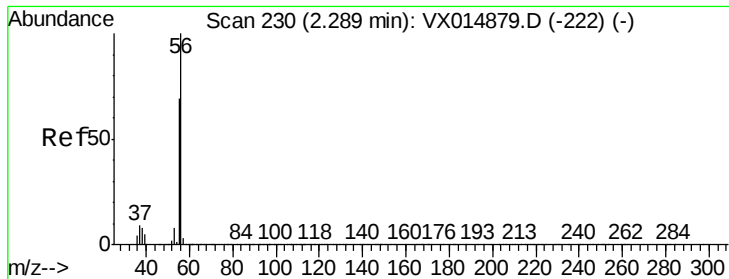
MMDadoda
2/11/2020 10:35:31 AM



#12
1,1-Dichloroethene
Concen: 19.220 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX014892.D
Acq: 10 Feb 2020 16:53

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.4	129.5	194.3
98	62.2	50.6	76.0





#13

Acrolein

Concen: 88.019 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.01 min

Lab File: VX014892.D

Acq: 10 Feb 2020 16:53

Instrument :

MSVOA_X

ClientSampleId :

VX0210MBSD01

Tot Ion: 56 Resp: 58872

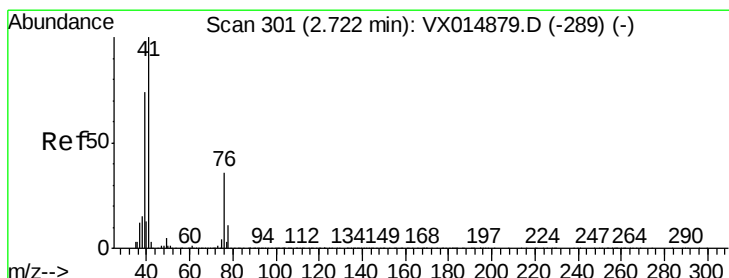
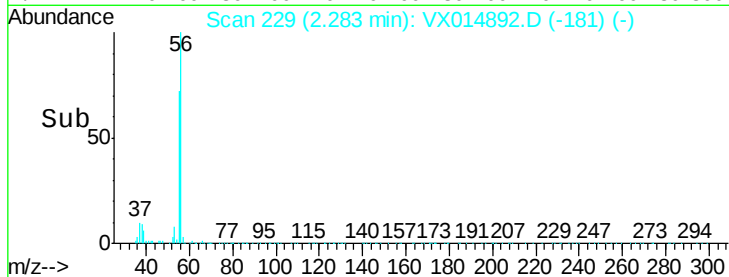
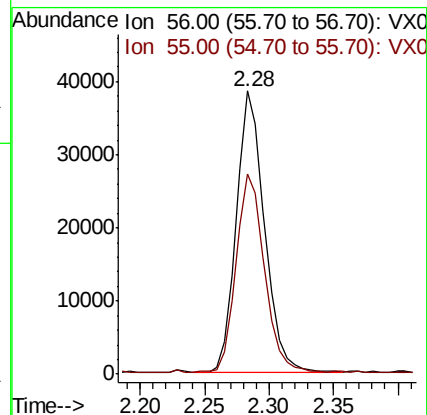
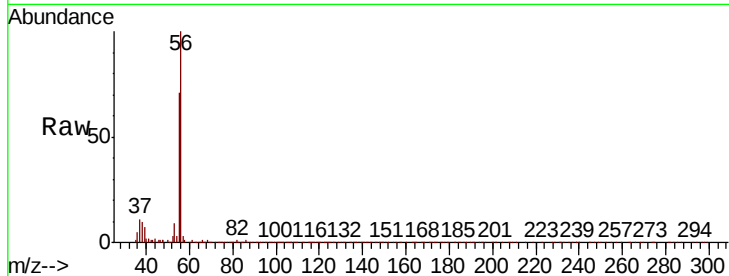
Ion Ratio Lower Upper

56 100

55 70.7 55.0 82.4

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#14

Allyl chloride

Concen: 18.045 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.00 min

Lab File: VX014892.D

Acq: 10 Feb 2020 16:53

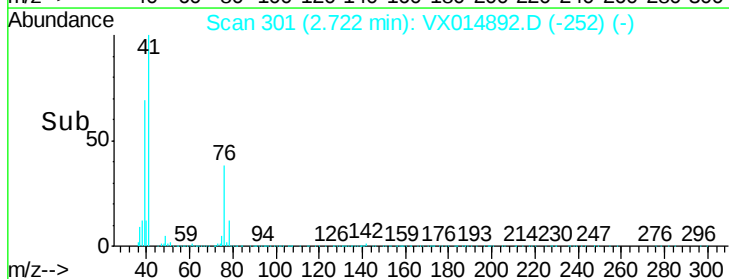
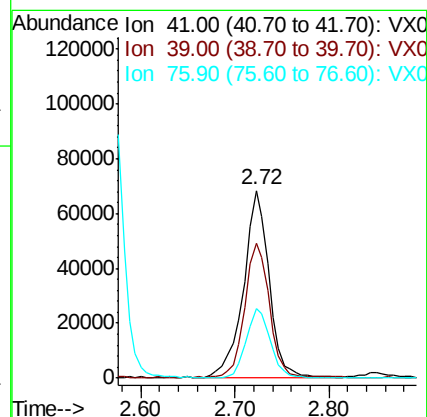
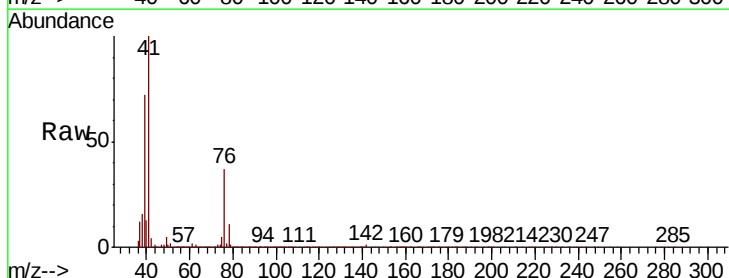
Tgt Ion: 41 Resp: 129150

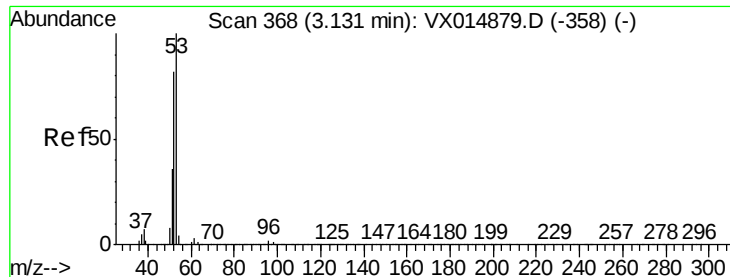
Ion Ratio Lower Upper

41 100

39 71.1 55.2 82.8

76 34.8 26.8 40.2





#15

Acrylonitrile

Concen: 96.660 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014892.D

Acq: 10 Feb 2020 16:53

Instrument :

MSVOA_X

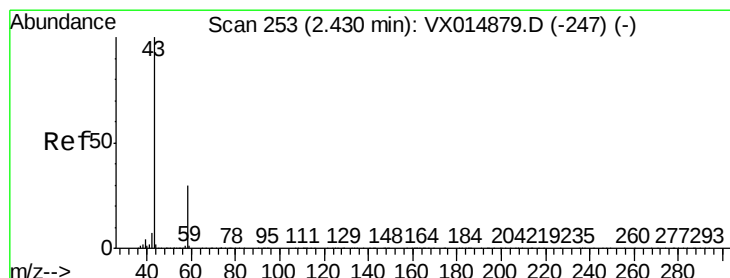
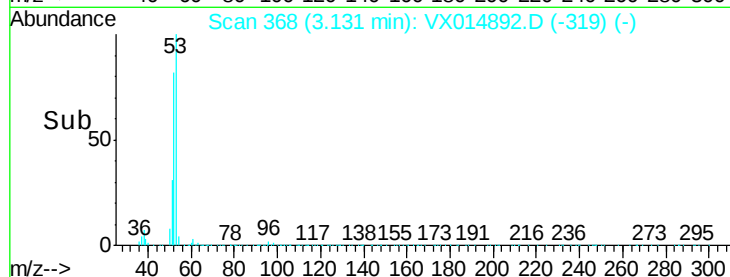
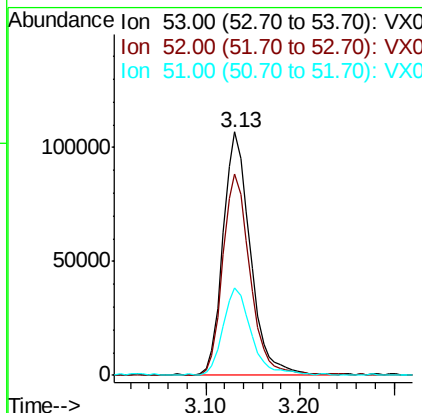
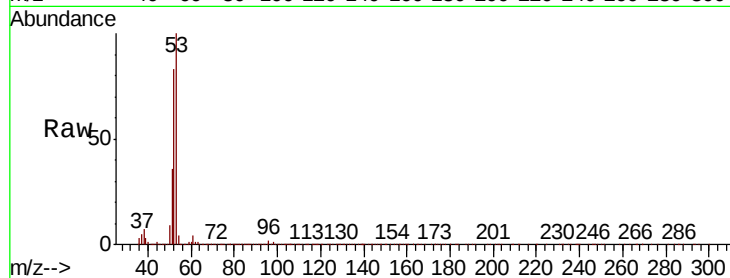
ClientSampleId :

VX0210MBSD01

Tot Ion:	53	Resp:	215042
Ion Ratio	Lower	Upper	
53	100		
52	82.5	65.8	98.6
51	36.7	29.1	43.7

Manual Integrations
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#16

Acetone

Concen: 64.810 ug/l

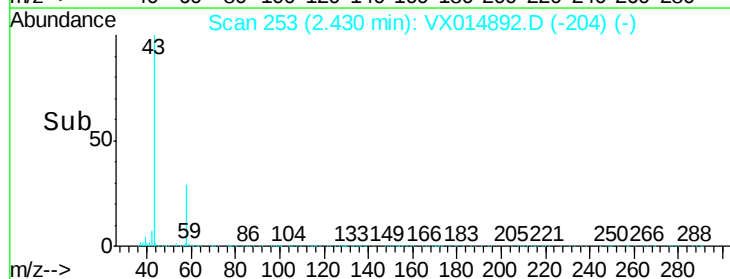
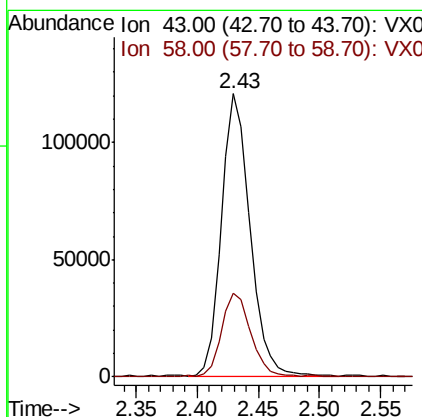
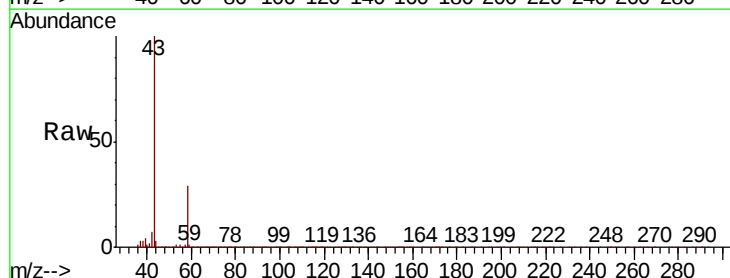
RT: 2.43 min Scan# 253

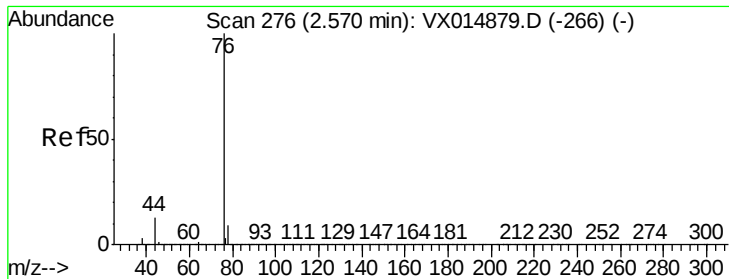
Delta R.T. 0.00 min

Lab File: VX014892.D

Acq: 10 Feb 2020 16:53

Tgt Ion:	43	Resp:	194649
Ion Ratio	Lower	Upper	
43	100		
58	29.4	24.1	36.1





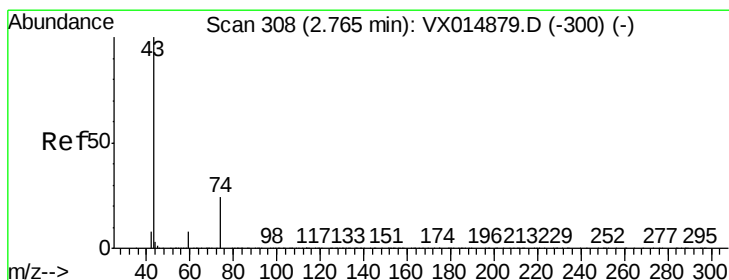
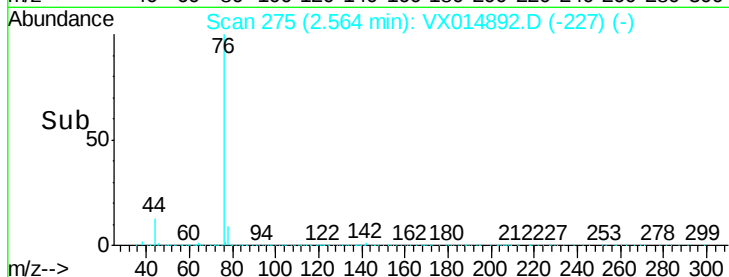
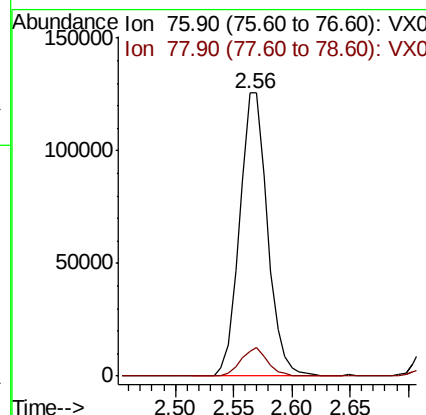
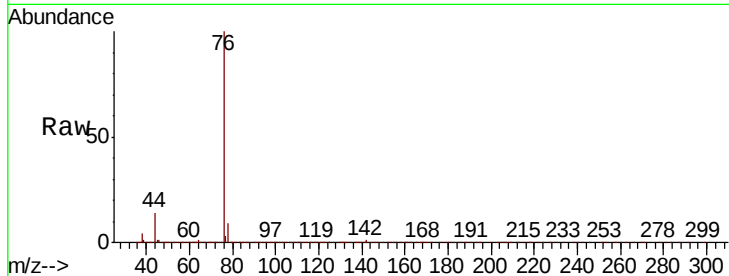
#17
Carbon Disulfide
Concen: 18.624 ug/l
RT: 2.56 min Scan# 275
Delta R.T. -0.01 min
Lab File: VX014892.D
Acq: 10 Feb 2020 16:53

Instrument :
MSVOA_X
ClientSampleId :
VX0210MBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.4	11.0

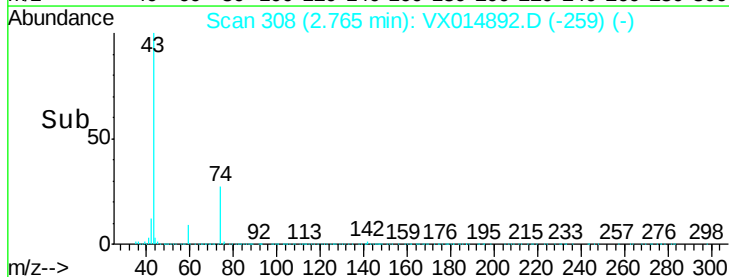
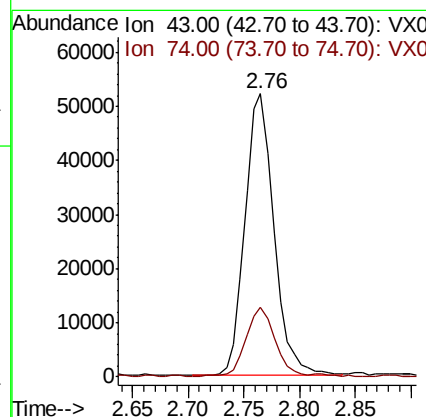
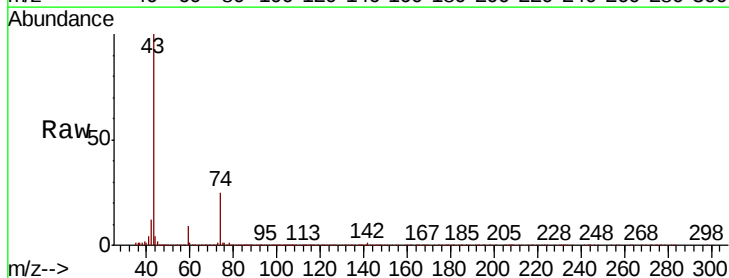
Manual Integrations
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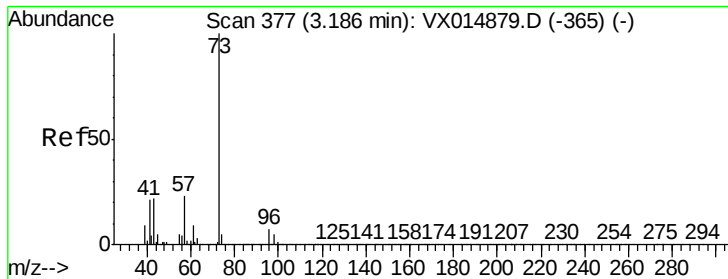
MMDadoda
2/11/2020 10:35:31 AM



#18
Methyl Acetate
Concen: 18.946 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX014892.D
Acq: 10 Feb 2020 16:53

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.8	19.4	29.0





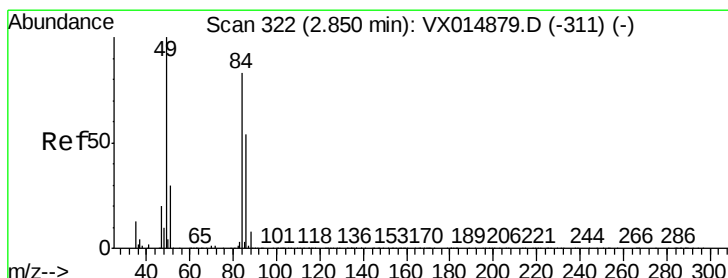
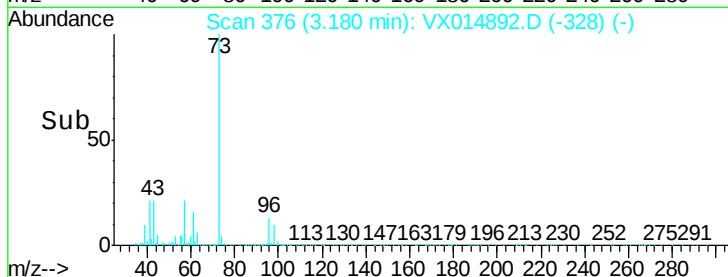
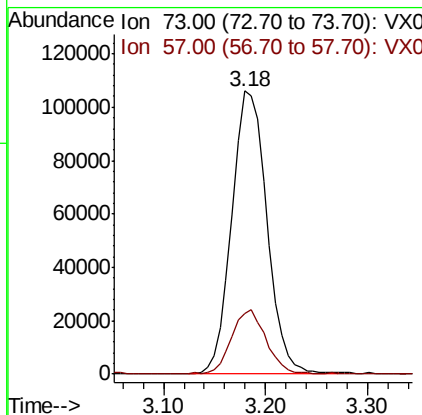
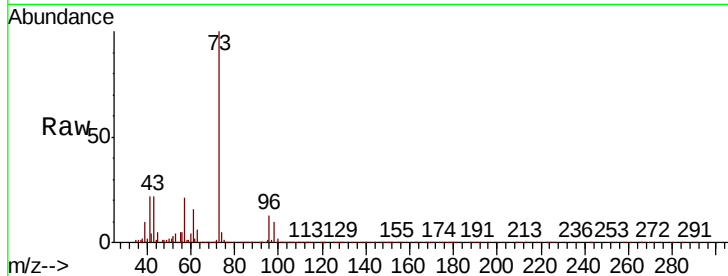
#19
Methvl tert-butvl Ether
Concen: 19.241 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014892.D
Acq: 10 Feb 2020 16:53

Instrument :
MSVOA_X
ClientSampleId :
VX0210MBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.2	18.2	27.4

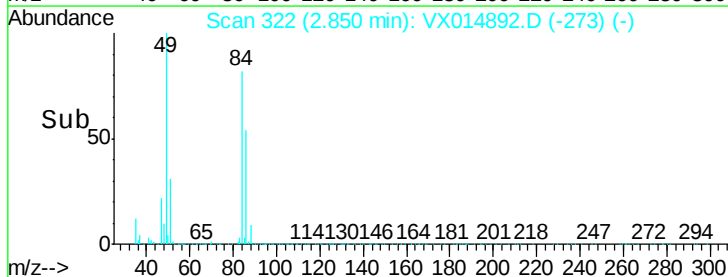
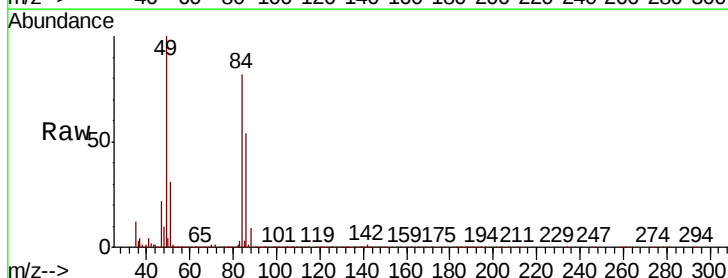
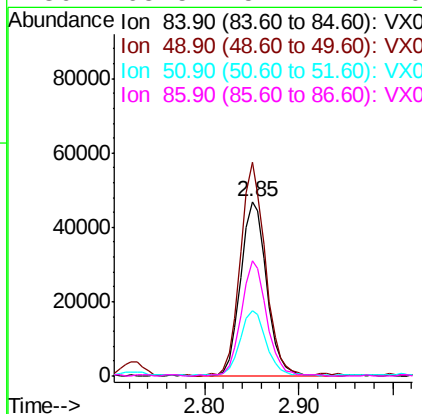
Manual Integrations
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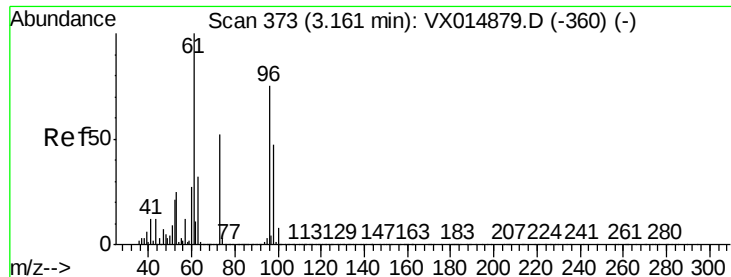
MMDadoda
2/11/2020 10:35:31 AM



#20
Methylene Chloride
Concen: 18.933 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014892.D
Acq: 10 Feb 2020 16:53

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.9	95.6	143.4
51	37.4	29.0	43.6
86	65.5	51.4	77.0





#21

trans-1,2-Dichloroethene

Concen: 18.740 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX014892.D

Acq: 10 Feb 2020 16:53

Instrument :

MSVOA_X

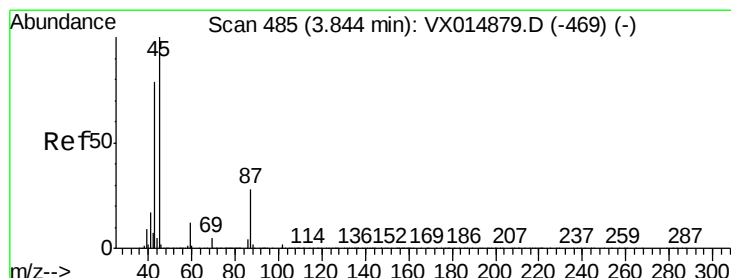
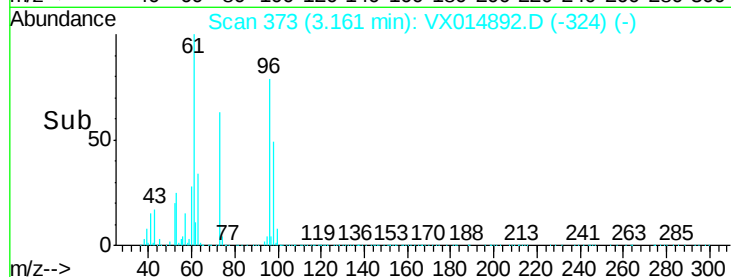
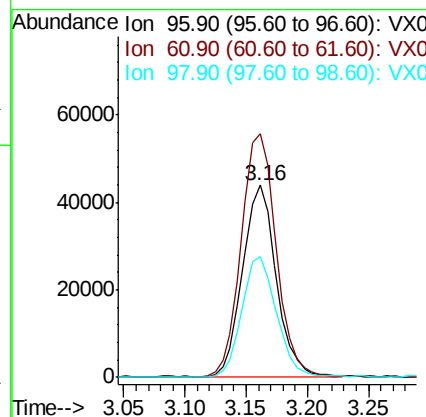
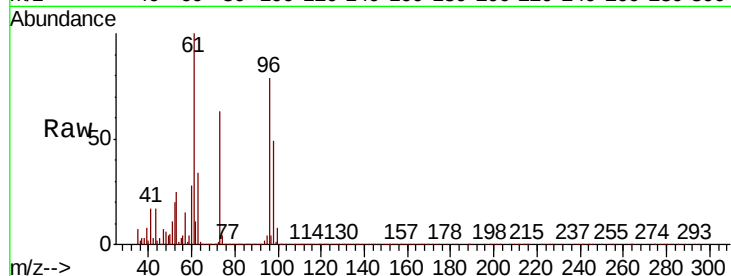
ClientSampleId :

VX0210MBSD01

Tot Ion:	96	Resp:	83473
Ion Ratio	Lower	Upper	
96	100		
61	126.9	106.9	160.3
98	62.6	50.7	76.1

Manual Integrations
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2/11/2020 10:35:31 AM



#22

Diisopropyl ether

Concen: 19.424 ug/l

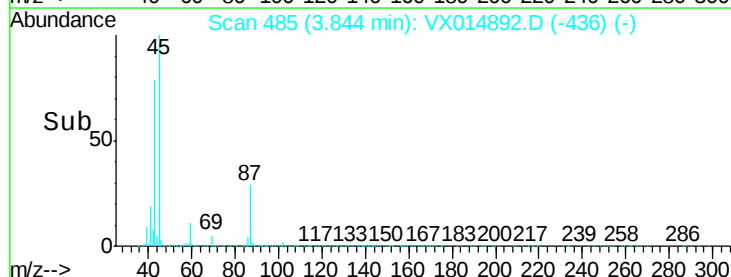
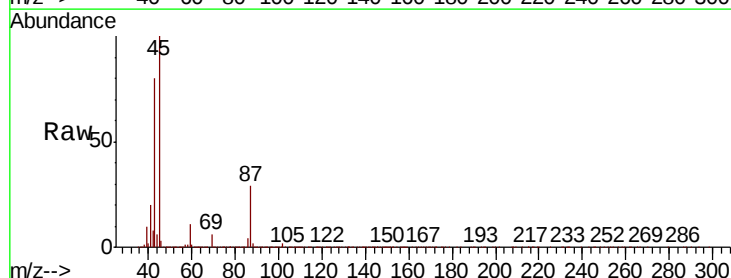
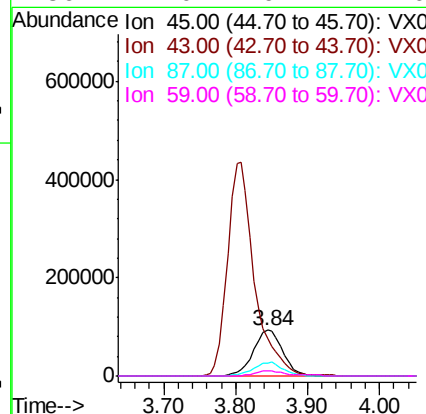
RT: 3.84 min Scan# 485

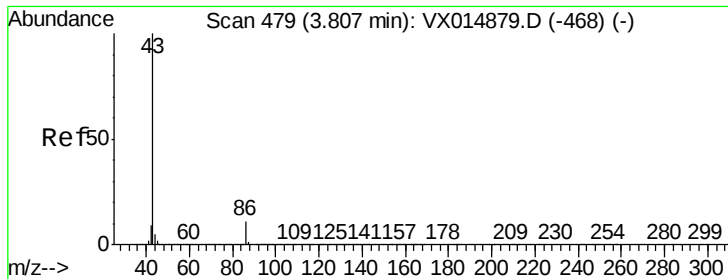
Delta R.T. 0.00 min

Lab File: VX014892.D

Acq: 10 Feb 2020 16:53

Tgt Ion:	45	Resp:	265506
Ion Ratio	Lower	Upper	
45	100		
43	79.4	63.5	95.3
87	28.8	22.2	33.4
59	11.0	9.4	14.0





#23

Vinyl Acetate

Concen: 100.556 ug/l

RT: 3.81 min Scan# 479

Delta R.T. 0.00 min

Lab File: VX014892.D

Acq: 10 Feb 2020 16:53

Instrument :

MSVOA_X

ClientSampleID :

VX0210MBSD01

Tot Ion: 43 Resp: 1133095

Ion Ratio Lower Upper

43 100

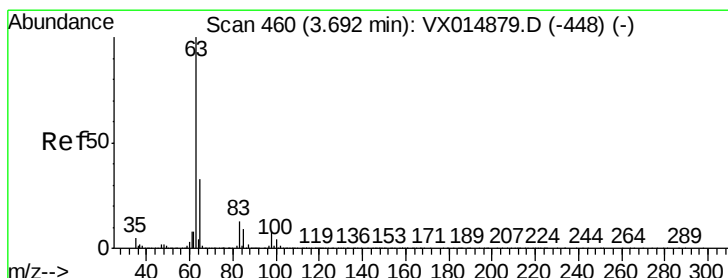
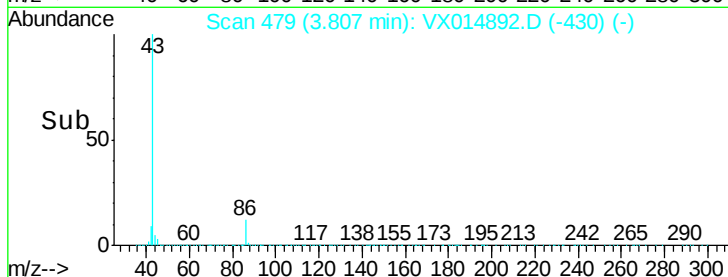
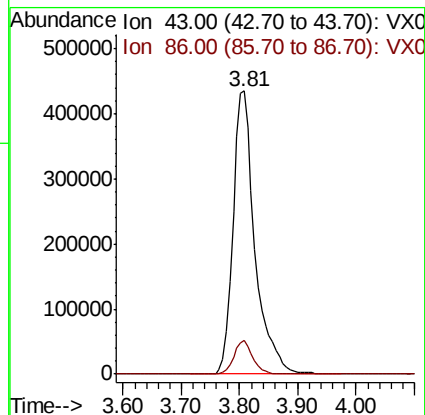
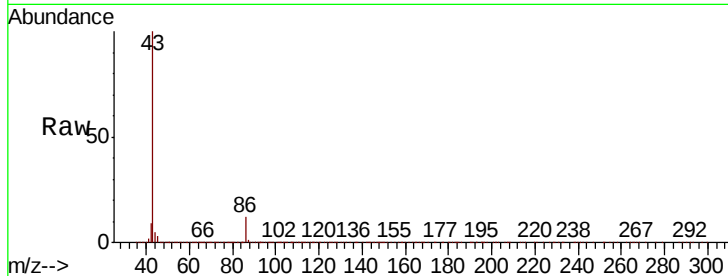
86 11.8 8.9 13.3

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 19.366 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.00 min

Lab File: VX014892.D

Acq: 10 Feb 2020 16:53

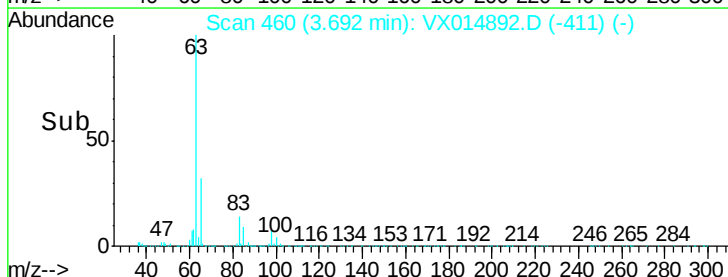
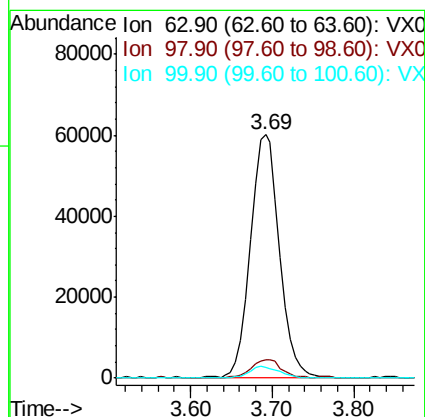
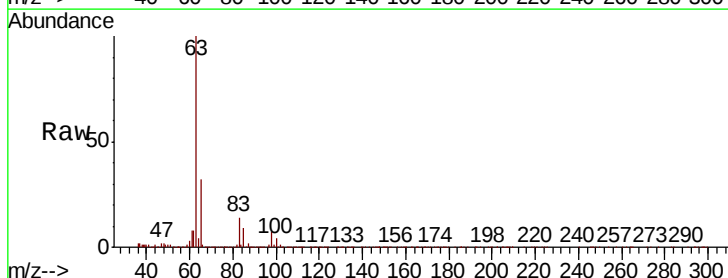
Tgt Ion: 63 Resp: 149400

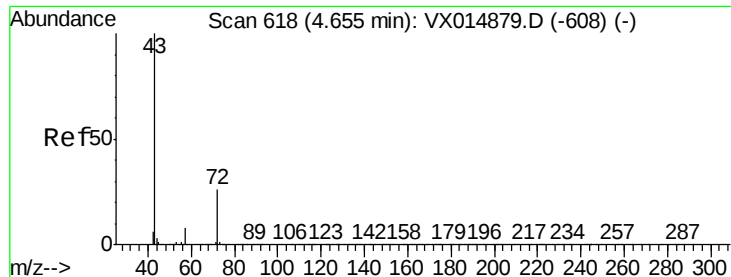
Ion Ratio Lower Upper

63 100

98 7.1 3.9 11.5

100 3.9 2.2 6.6





#25

2-Butanone

Concen: 86.805 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: VX014892.D

Acq: 10 Feb 2020 16:53

Instrument :

MSVOA_X

ClientSampleId :

VX0210MBSD01

Tot Ion: 43 Resp: 293730

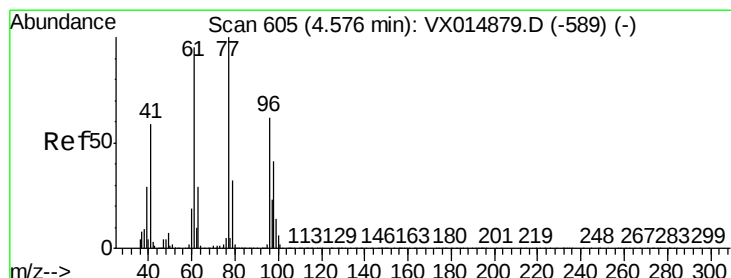
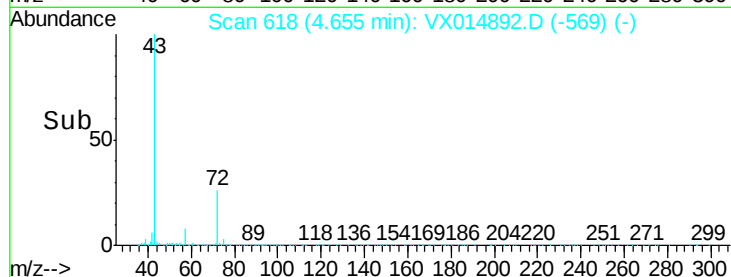
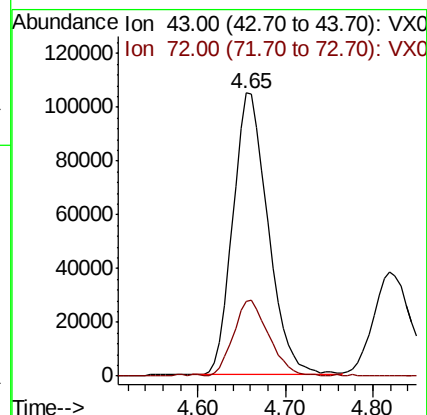
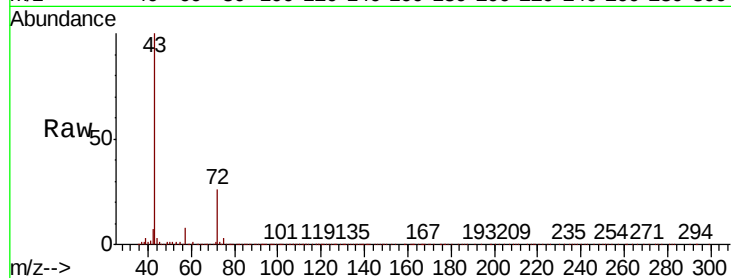
Ion Ratio Lower Upper

43 100

72 26.1 21.0 31.6

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 17.539 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX014892.D

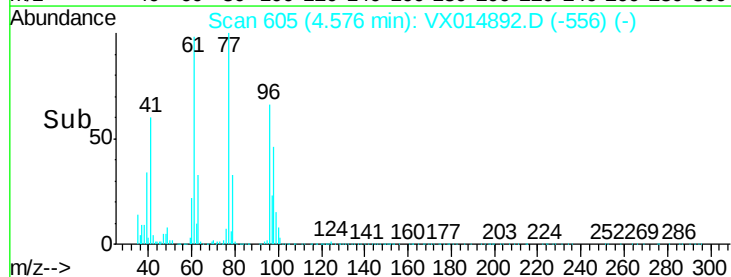
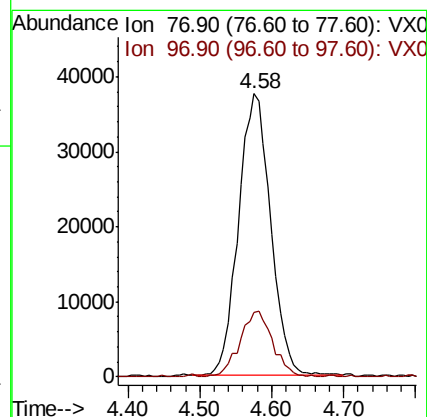
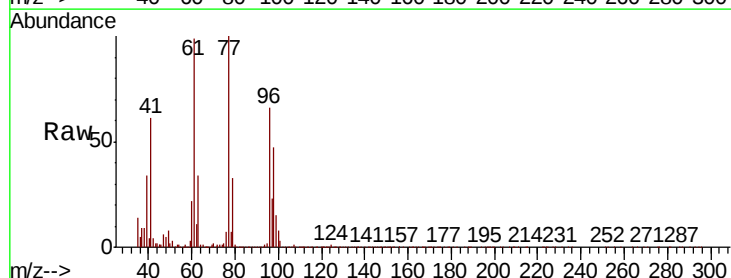
Acq: 10 Feb 2020 16:53

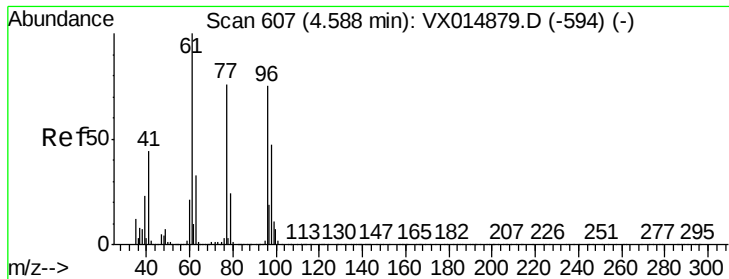
Tgt Ion: 77 Resp: 116605

Ion Ratio Lower Upper

77 100

97 23.8 11.9 35.5





#27

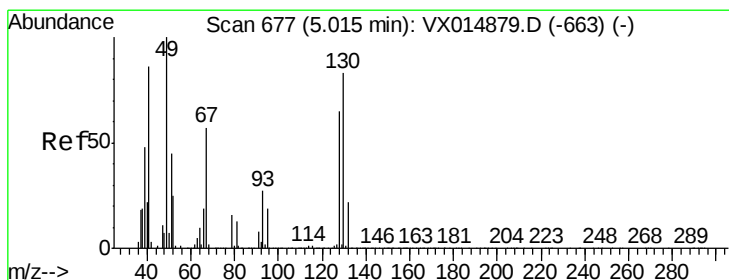
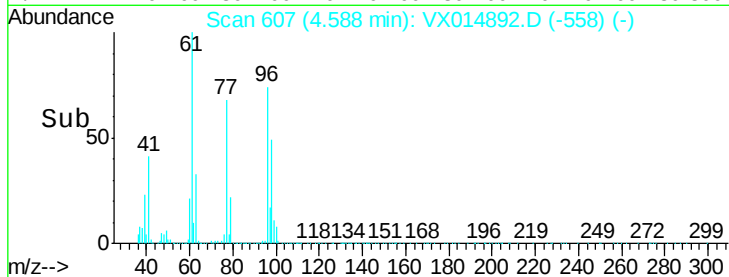
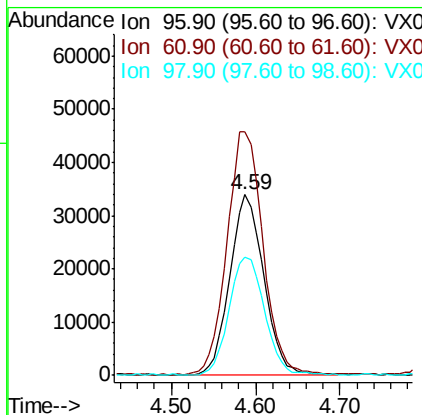
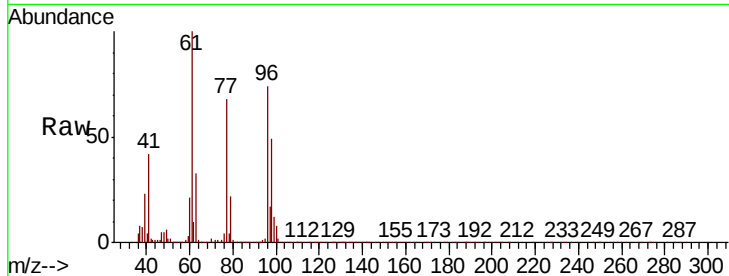
cis-1,2-Dichloroethene
Concen: 18.661 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX014892.D
Acq: 10 Feb 2020 16:53

Instrument :
MSVOA_X
ClientSampleId :
VX0210MBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	141.7	0.0	286.2
98	67.8	0.0	131.0

Manual Integrations
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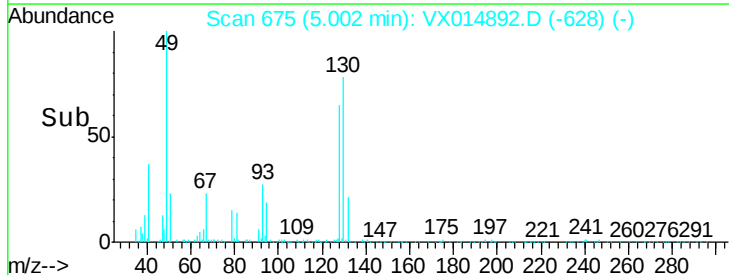
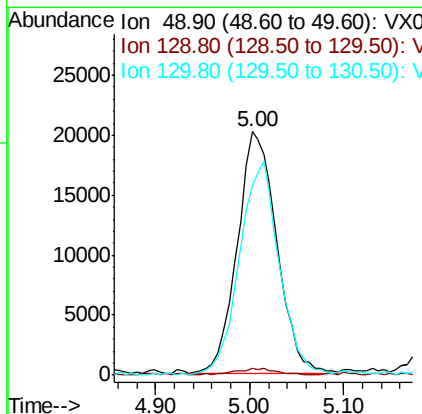
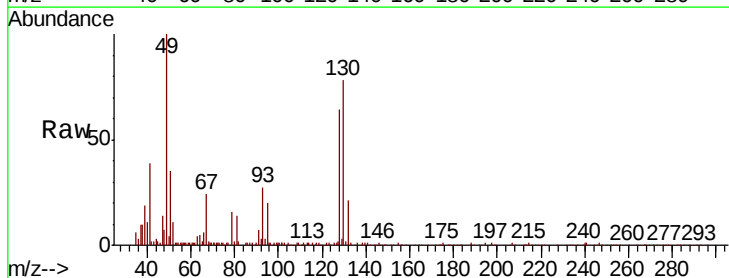
MMDadoda
2/11/2020 10:35:31 AM

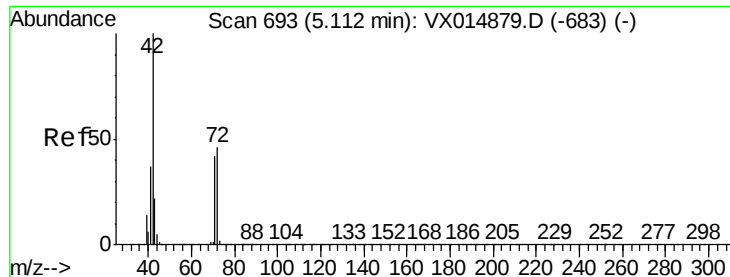


#28

Bromochloromethane
Concen: 19.658 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX014892.D
Acq: 10 Feb 2020 16:53

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	5.2
130	88.3	67.4	101.2





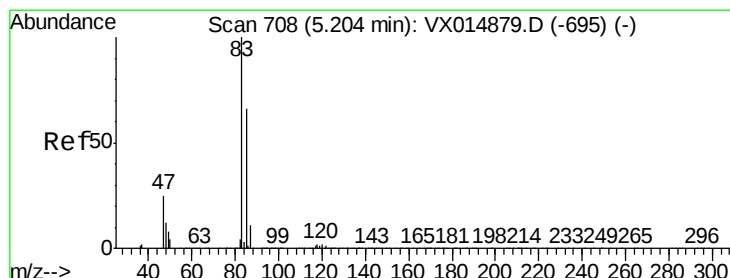
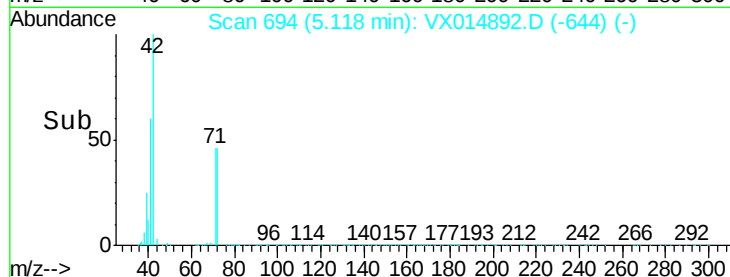
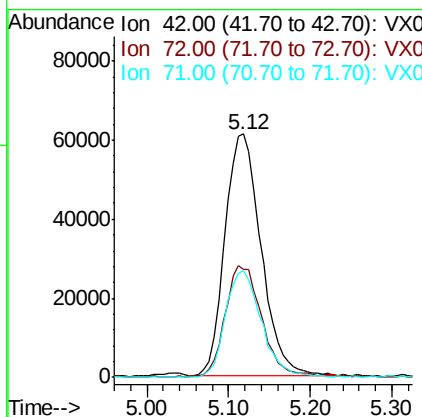
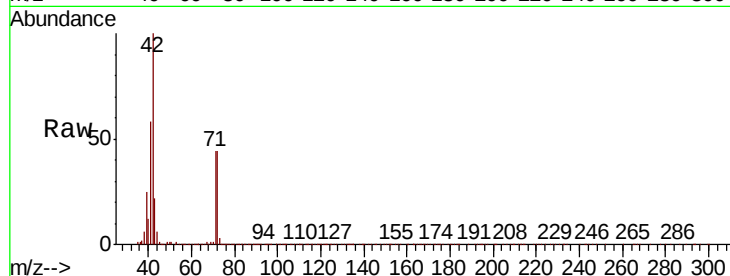
#29
Tetrahydrofuran
Concen: 97.340 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX014892.D
Acq: 10 Feb 2020 16:53

Instrument :
MSVOA_X
ClientSampleId :
VX0210MBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.1	36.9	55.3
71	44.2	34.1	51.1

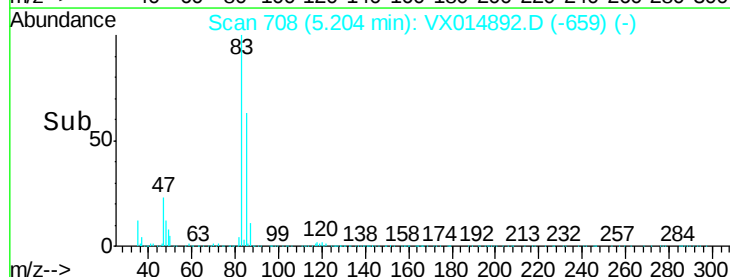
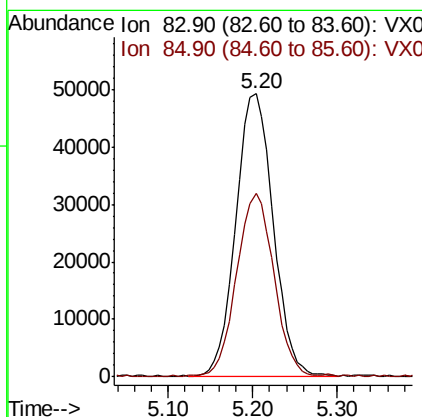
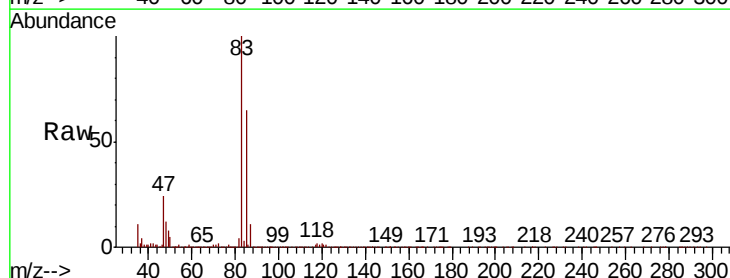
Manual Integrations
APPROVED

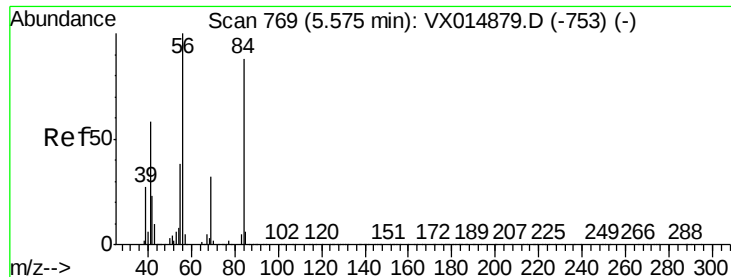
MMDadoda
2/11/2020 10:35:31 AM



#30
Chloroform
Concen: 19.270 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.00 min
Lab File: VX014892.D
Acq: 10 Feb 2020 16:53

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	52.9	79.3





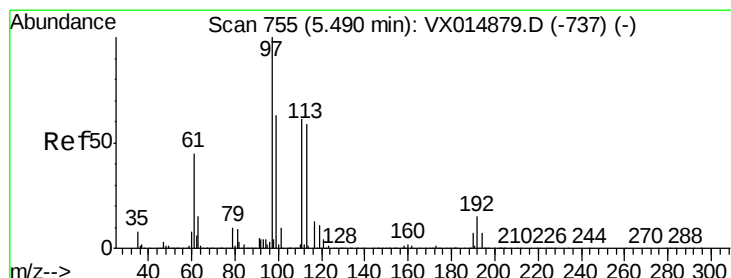
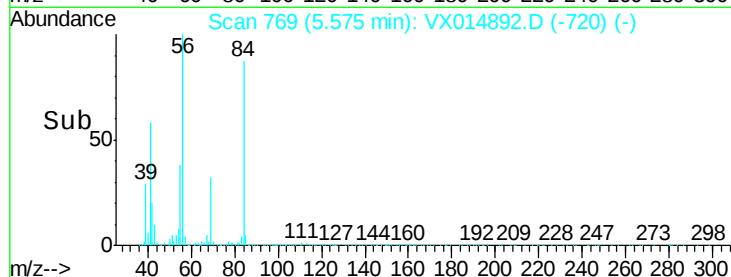
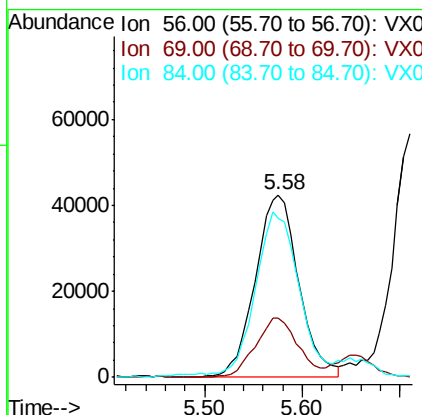
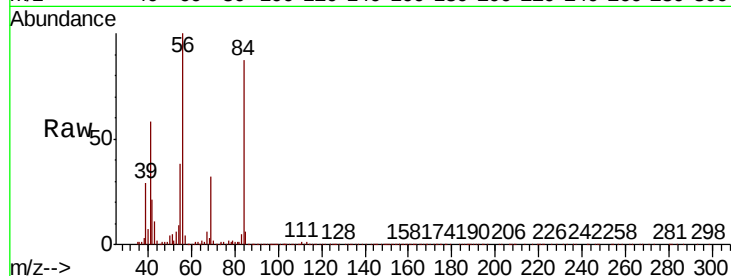
#31
Cyclohexane
Concen: 18.484 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.00 min
Lab File: VX014892.D
Acq: 10 Feb 2020 16:53

Instrument :
MSVOA_X
ClientSampleId :
VX0210MBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.3	25.9	38.9
84	86.5	70.4	105.6

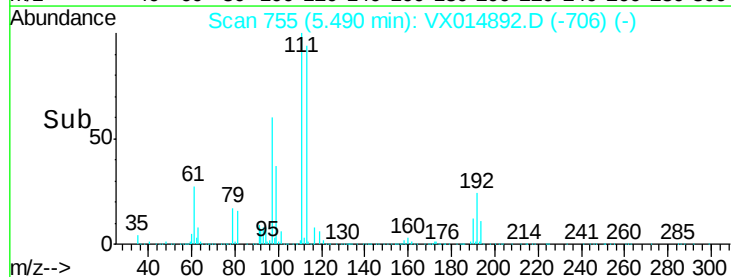
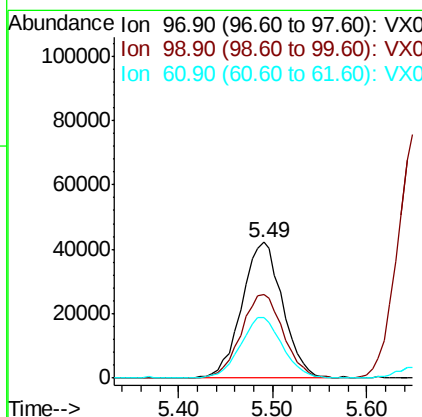
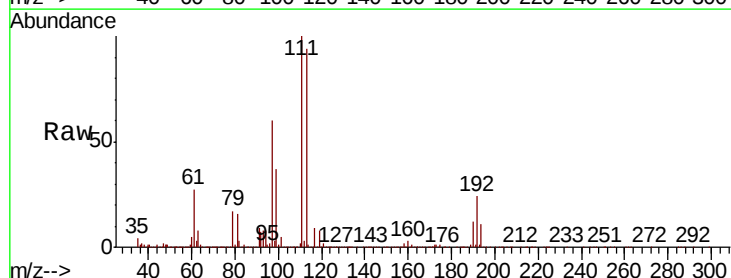
Manual Integrations
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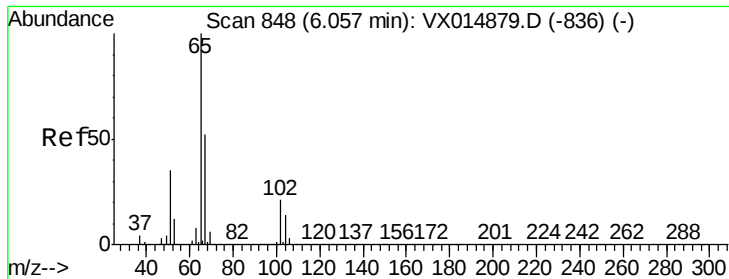
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#32
1,1,1-Trichloroethane
Concen: 18.986 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX014892.D
Acq: 10 Feb 2020 16:53

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.0	76.6
61	44.9	36.3	54.5





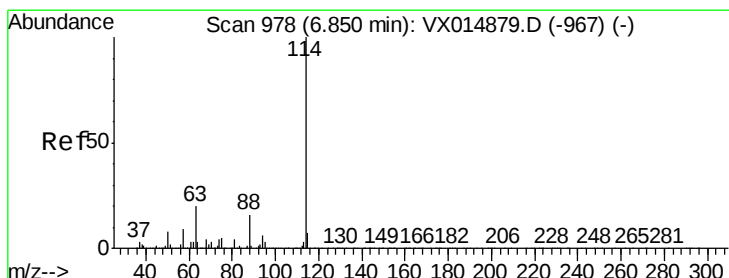
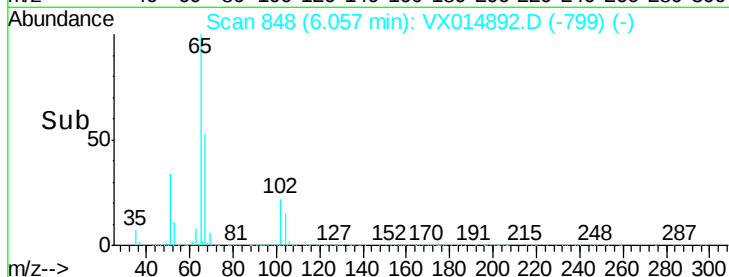
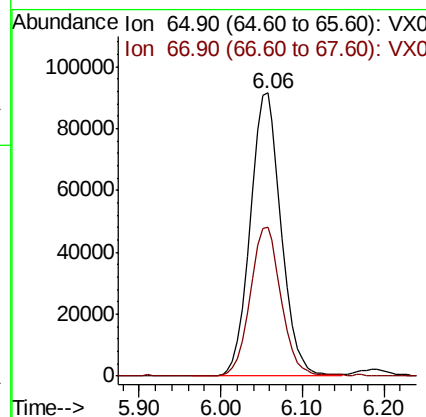
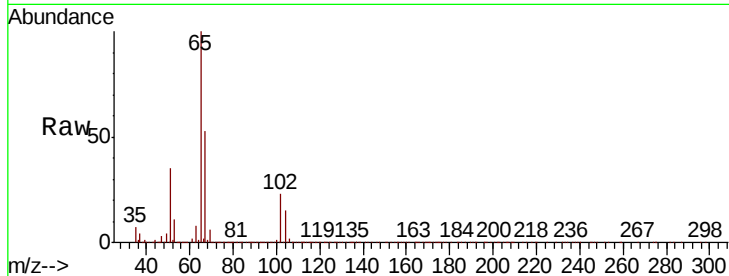
#33
 1,2-Dichloroethane-d4
 Concen: 48.672 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.00 min
 Lab File: VX014892.D
 Acq: 10 Feb 2020 16:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0210MBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	241917		
67	52.3	0.0	103.0	

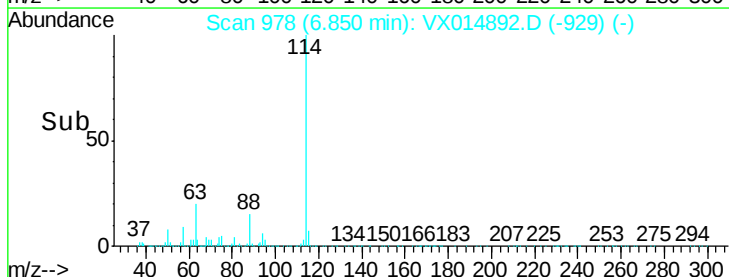
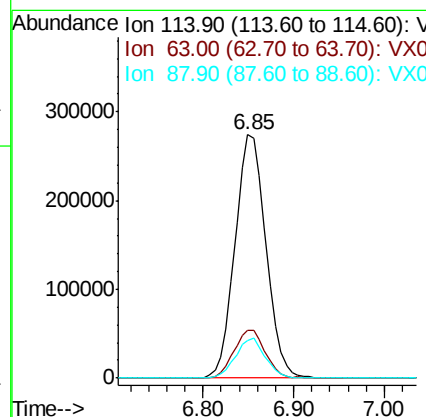
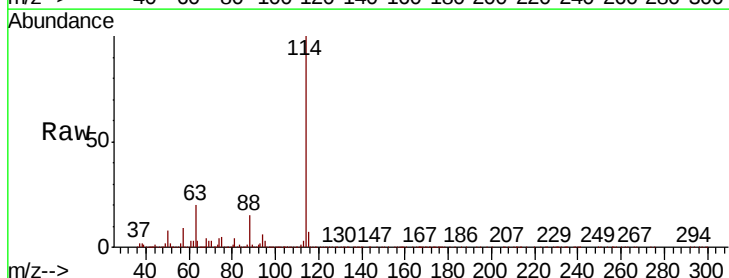
Manual Integrations
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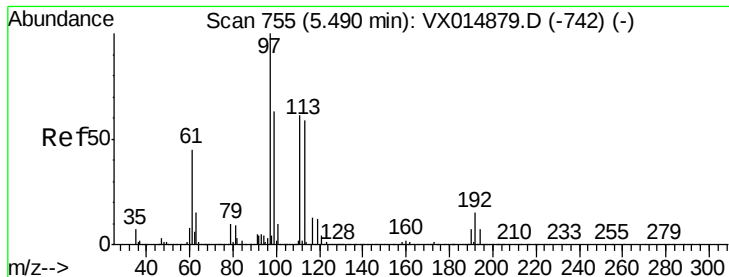
MMDadoda
 2/11/2020 10:35:31 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014892.D
 Acq: 10 Feb 2020 16:53

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	650111		
63	19.5	0.0	39.2	
88	15.4	0.0	32.0	





#35

Dibromofluoromethane

Concen: 48.851 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014892.D

Acq: 10 Feb 2020 16:53

Instrument :

MSVOA_X

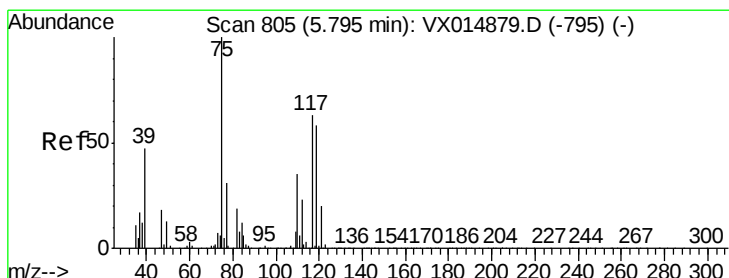
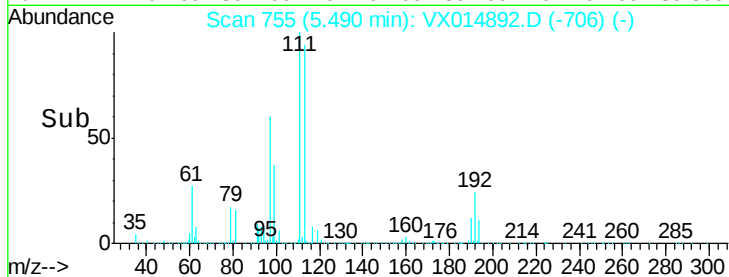
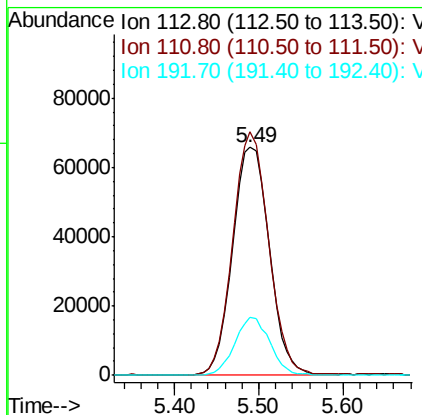
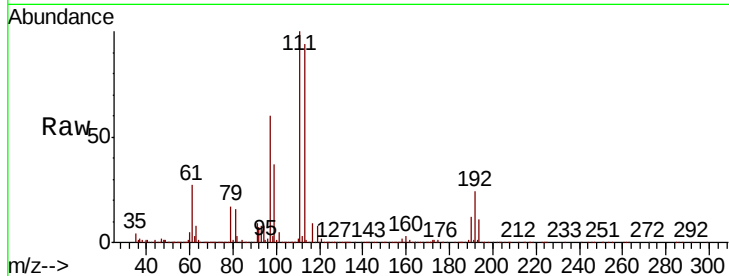
ClientSampleId :

VX0210MBS01

Tot Ion:	113	Resp:	195245
Ion Ratio	Lower	Upper	
113	100		
111	103.9	82.4	123.6
192	23.9	19.1	28.7

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 18.974 ug/l

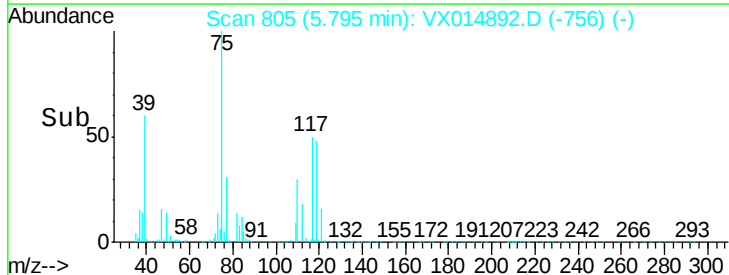
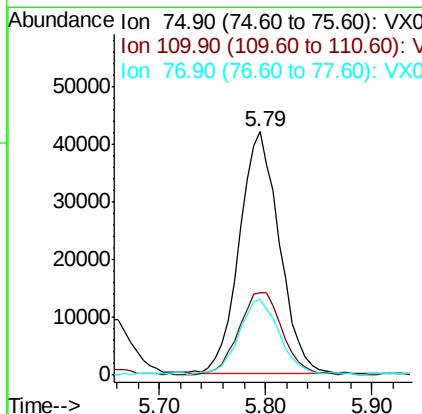
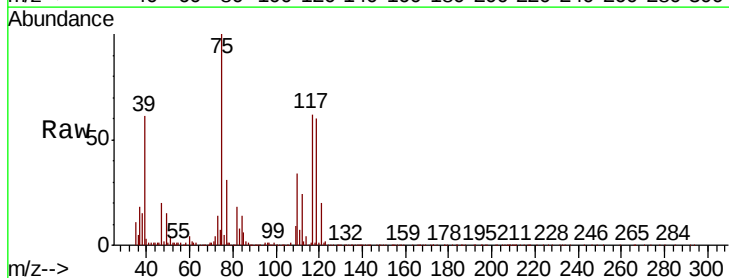
RT: 5.79 min Scan# 805

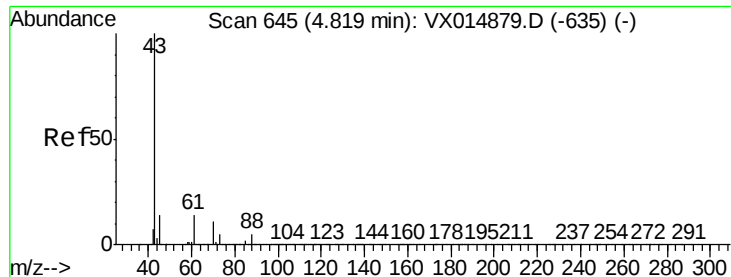
Delta R.T. 0.00 min

Lab File: VX014892.D

Acq: 10 Feb 2020 16:53

Tgt Ion:	75	Resp:	110342
Ion Ratio	Lower	Upper	
75	100		
110	37.7	18.3	54.8
77	32.7	24.6	36.8





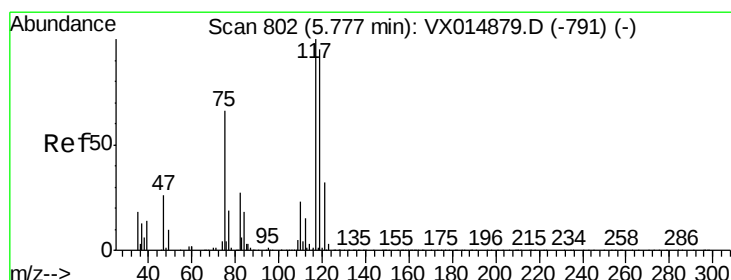
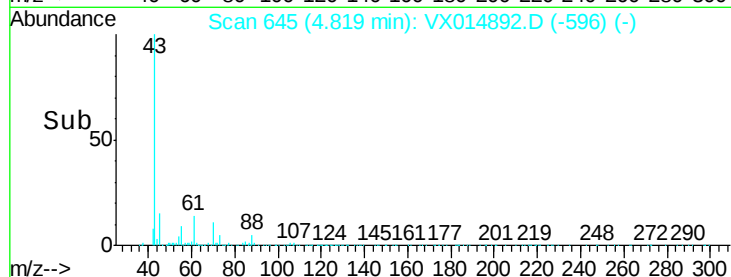
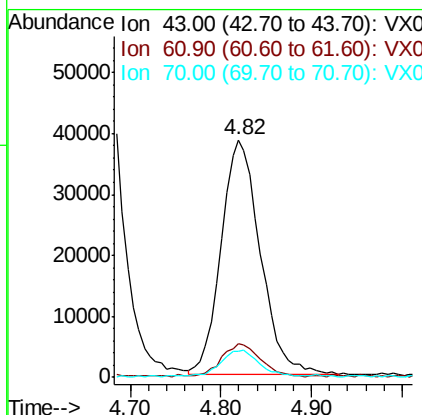
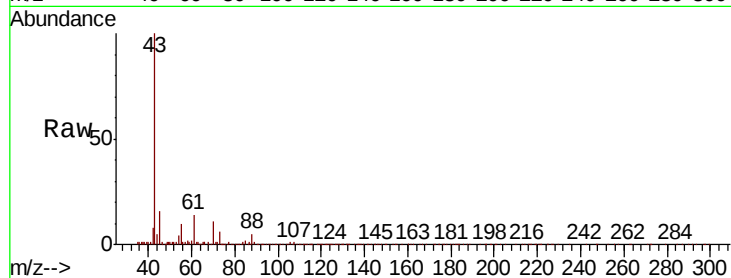
#37
Ethyl Acetate
Concen: 19.155 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014892.D
Acq: 10 Feb 2020 16:53

Instrument :
MSVOA_X
ClientSampleId :
VX0210MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.9	16.3
70	10.6	8.7	13.1

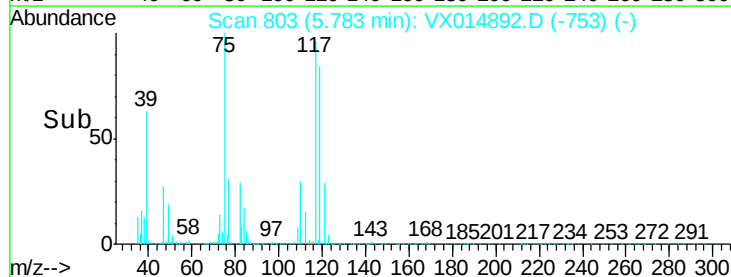
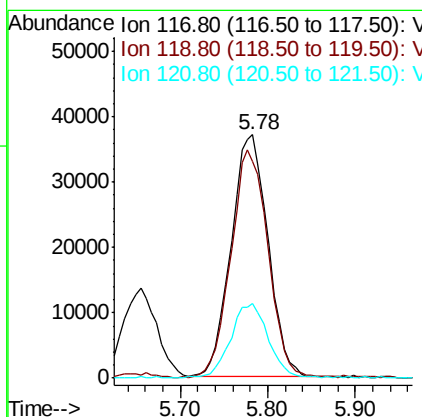
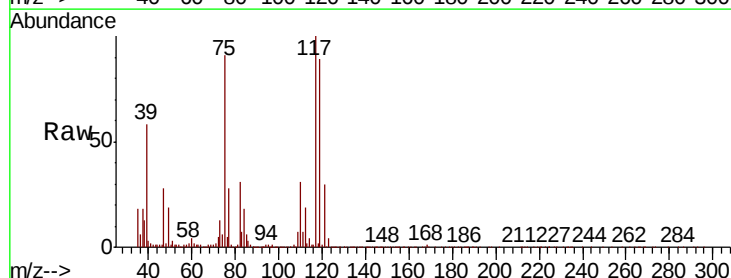
Manual Integrations
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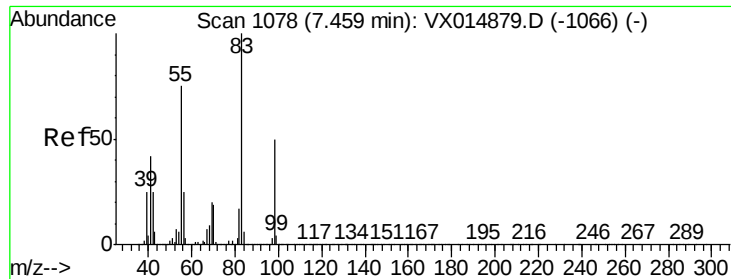
MMDadoda
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#38
Carbon Tetrachloride
Concen: 19.156 ug/l
RT: 5.78 min Scan# 803
Delta R.T. 0.01 min
Lab File: VX014892.D
Acq: 10 Feb 2020 16:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	89.0	76.0	114.0
121	30.2	25.4	38.2





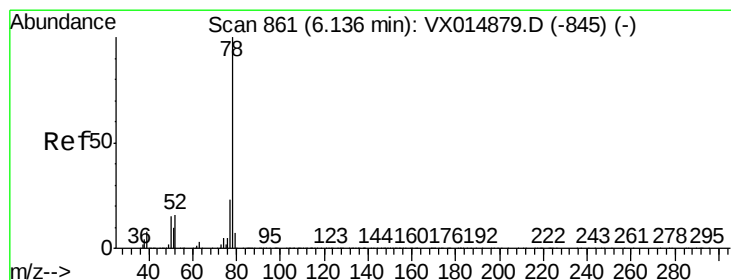
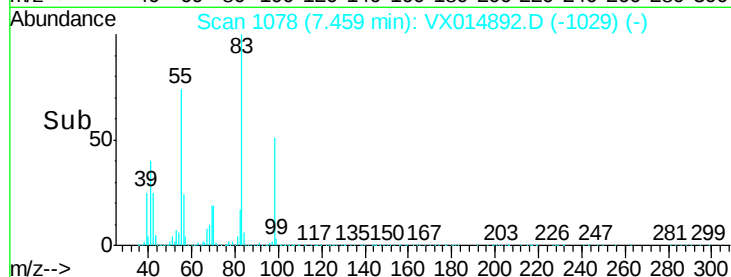
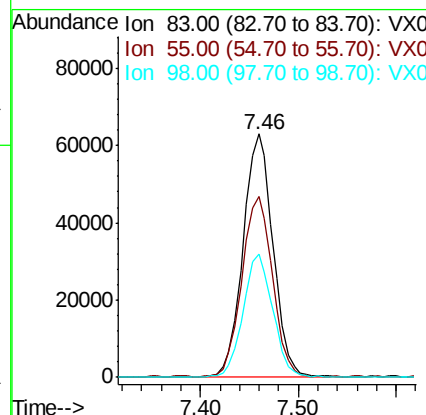
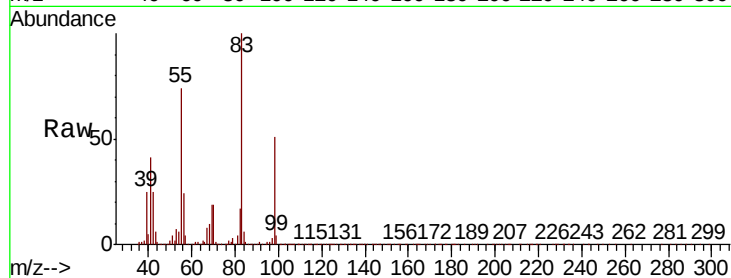
#39
Methvlcvclohexane
Concen: 18.313 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX014892.D
Acq: 10 Feb 2020 16:53

Instrument :
MSVOA_X
ClientSampleId :
VX0210MBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.1	60.0	90.0
98	50.5	39.6	59.4

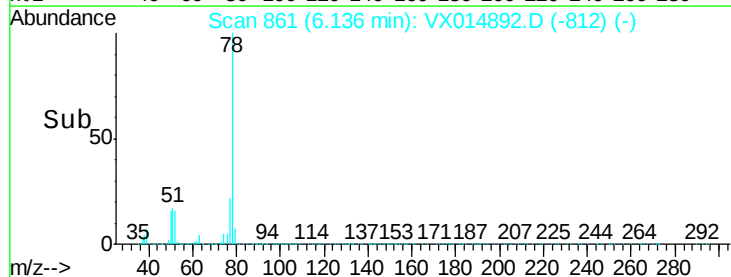
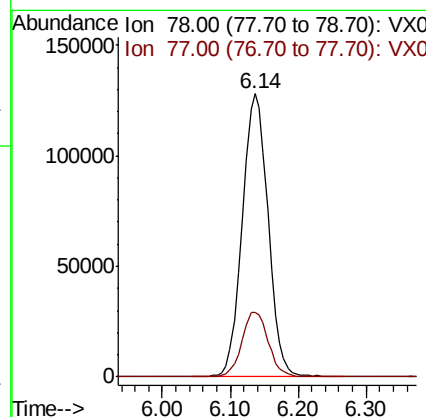
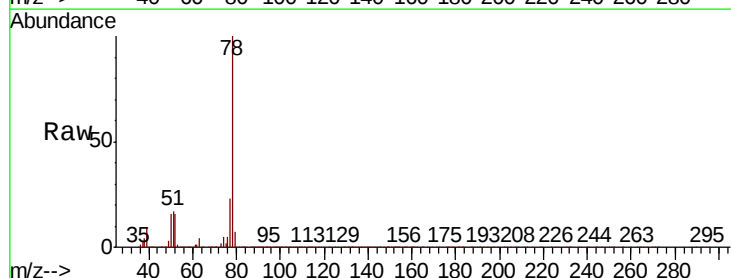
Manual Integrations
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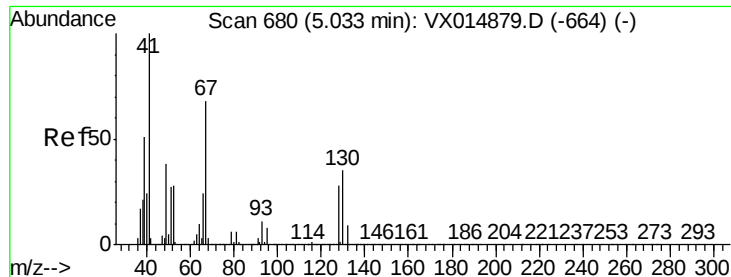
MMDadoda
2/11/2020 10:35:31 AM



#40
Benzene
Concen: 19.412 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX014892.D
Acq: 10 Feb 2020 16:53

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.6	18.8	28.2





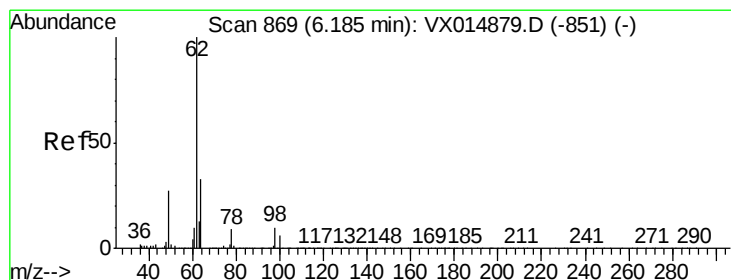
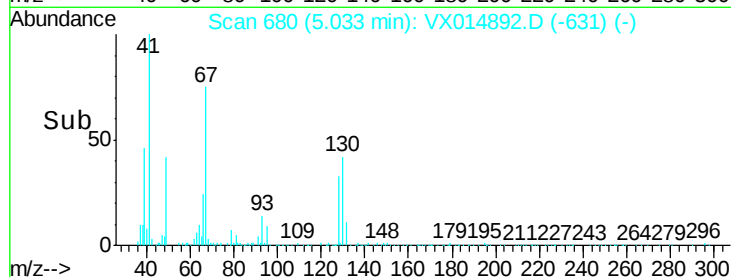
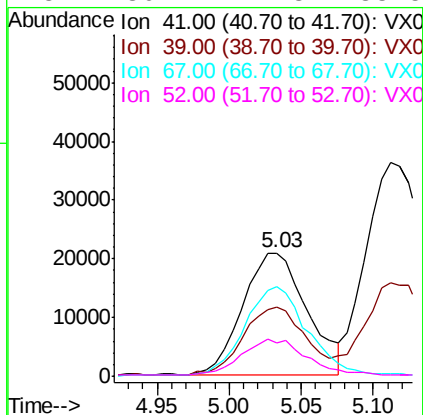
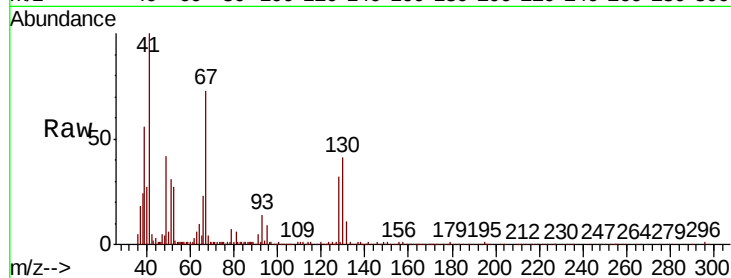
#41
Methacrylonitrile
Concen: 19.568 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.00 min
Lab File: VX014892.D
Acq: 10 Feb 2020 16:53

Instrument :
MSVOA_X
ClientSampleId :
VX0210MBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.0	44.7	67.1	
67	71.2	56.6	84.8	
52	30.1	22.3	33.5	

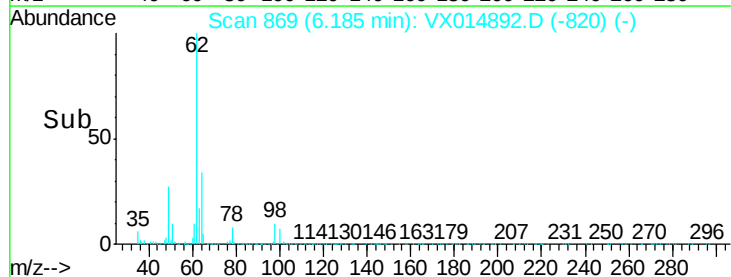
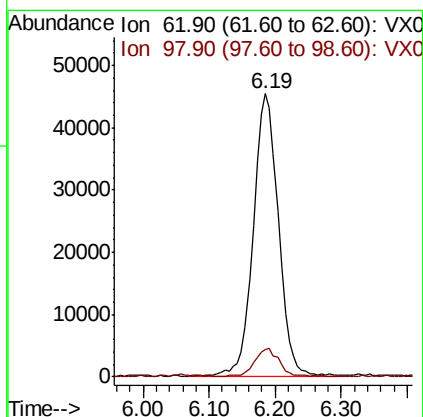
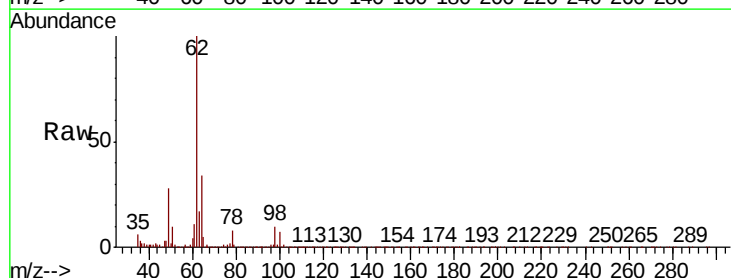
Manual Integrations
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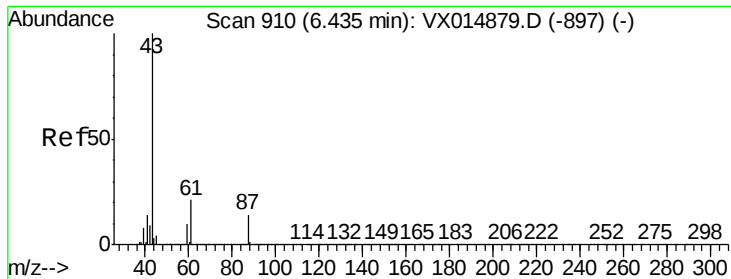
MMDadoda
2/11/2020 10:35:31 AM



#42
1,2-Dichloroethane
Concen: 19.042 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX014892.D
Acq: 10 Feb 2020 16:53

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.2	0.0	19.2	





#43

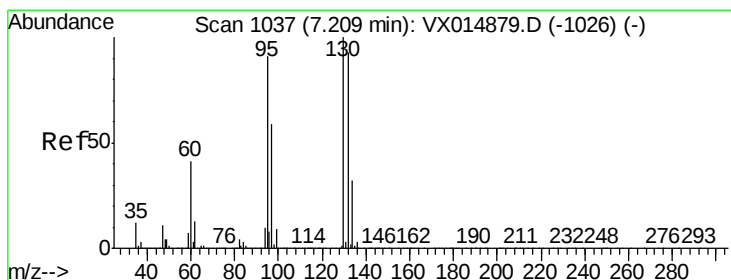
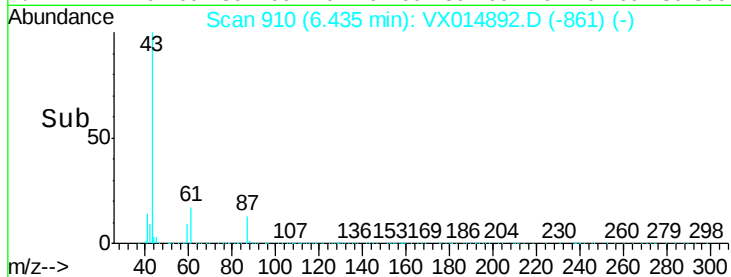
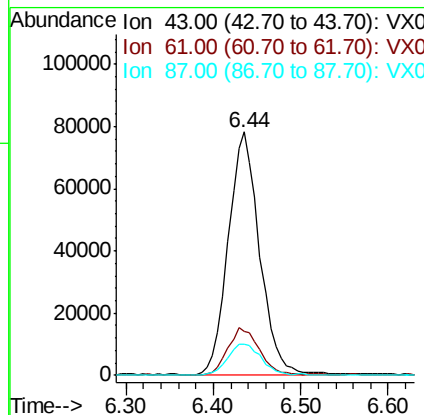
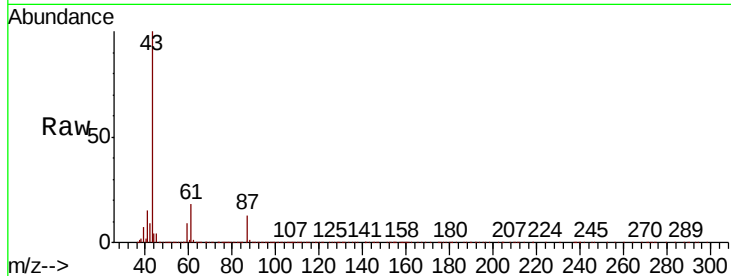
Isopropyl Acetate
 Concen: 19.290 ug/l
 RT: 6.44 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX014892.D
 Acq: 10 Feb 2020 16:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0210MBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.4	16.2	24.4
87	13.7	11.0	16.6

Manual Integrations
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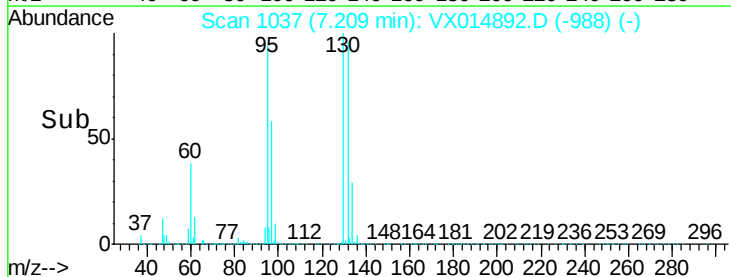
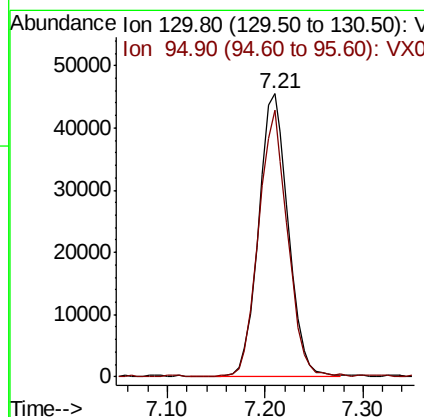
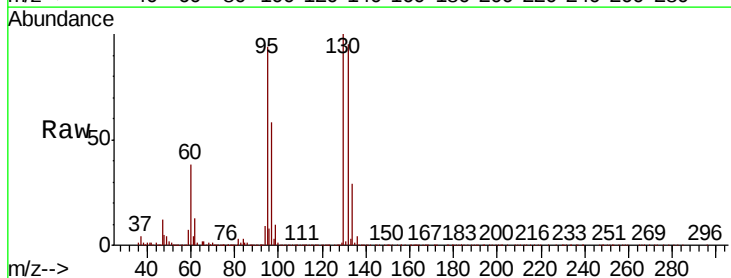
MMDadoda
 2/11/2020 10:35:31 AM

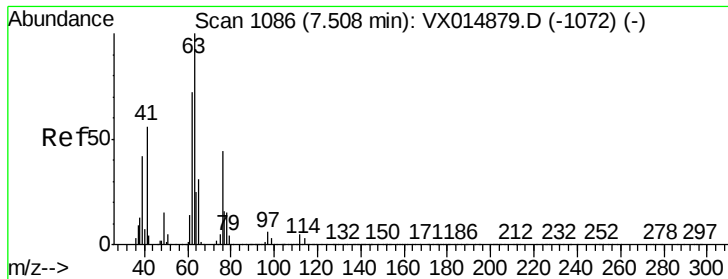


#44

Trichloroethene
 Concen: 18.959 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VX014892.D
 Acq: 10 Feb 2020 16:53

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.3	0.0	182.6





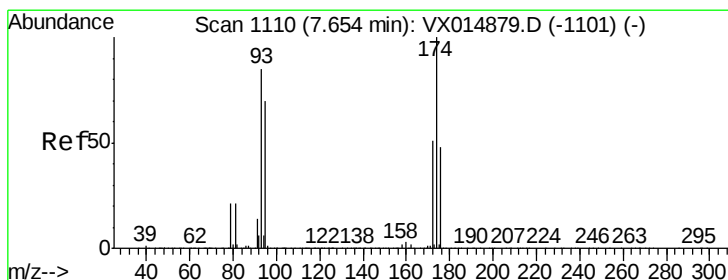
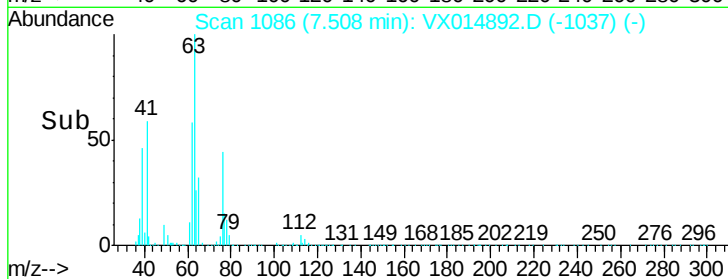
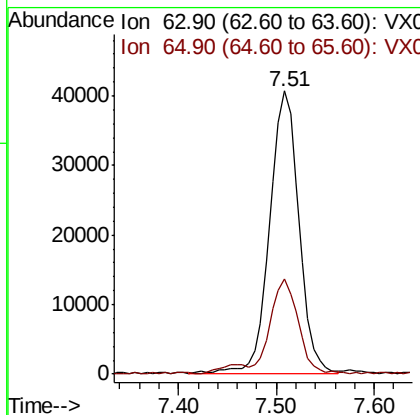
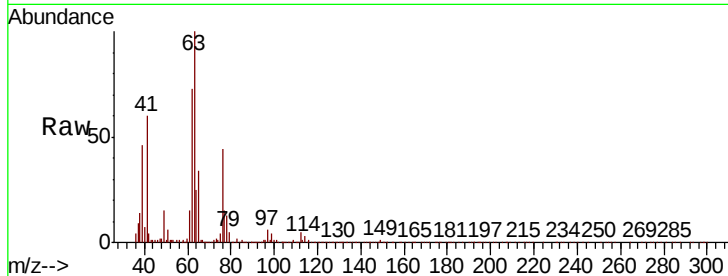
#45
 1,2-Dichloropropane
 Concen: 19.121 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX014892.D
 Acq: 10 Feb 2020 16:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0210MBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	33.4	24.9	37.3

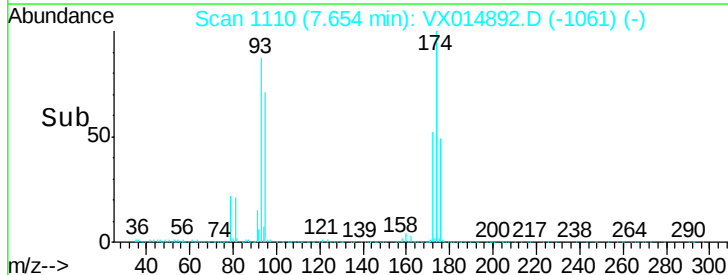
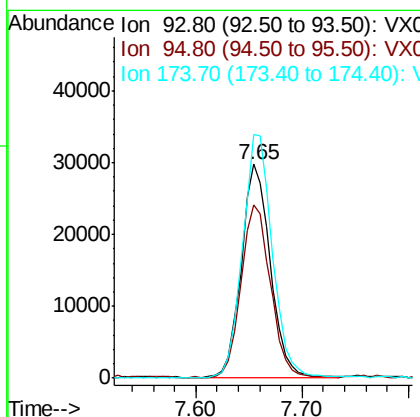
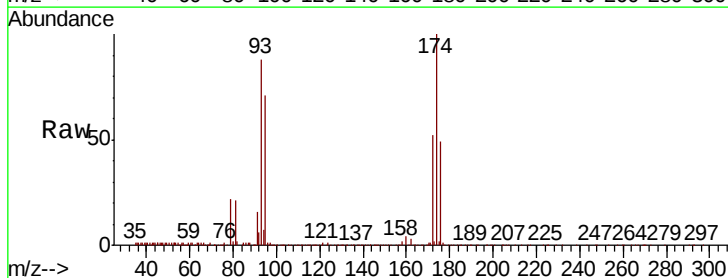
Manual Integrations
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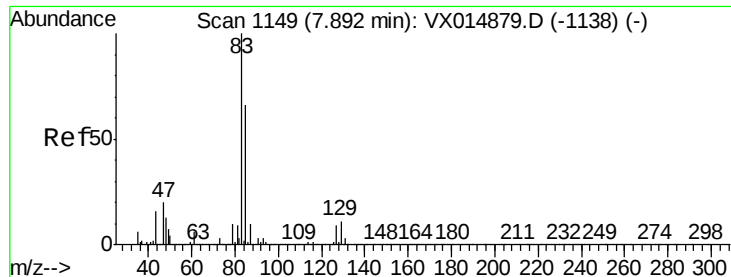
MMDadoda
 2/11/2020 10:35:31 AM



#46
 Dibromomethane
 Concen: 18.729 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014892.D
 Acq: 10 Feb 2020 16:53

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.0	65.8	98.8
174	118.2	95.4	143.2





#47

Bromodichloromethane

Concen: 18.461 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014892.D

Acq: 10 Feb 2020 16:53

Instrument :

MSVOA_X

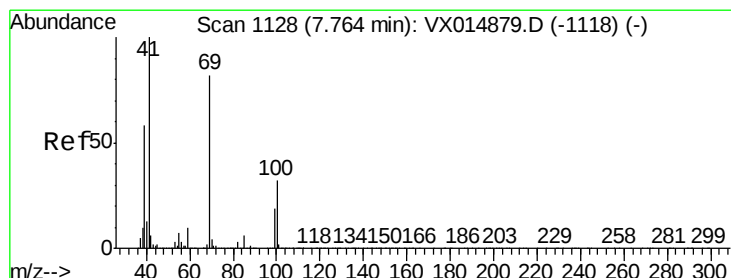
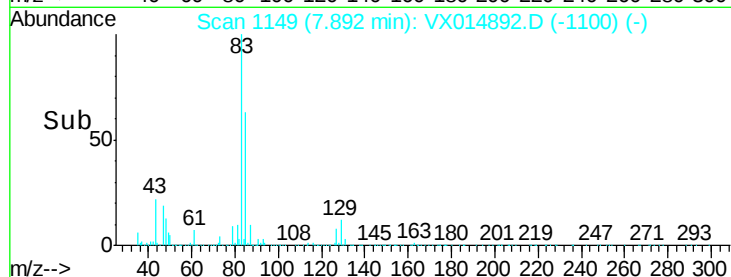
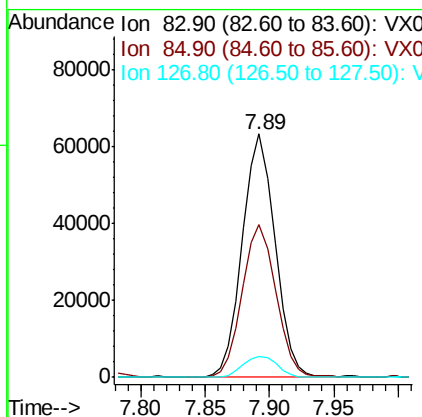
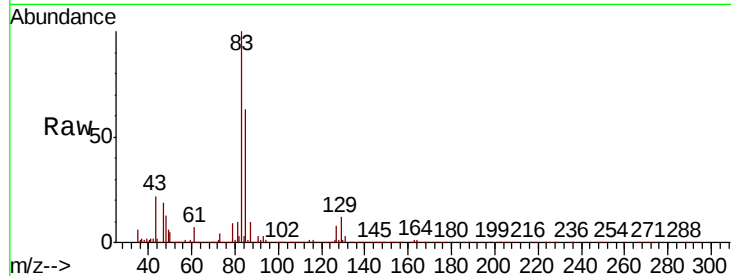
ClientSampleId :

VX0210MBSD01

Tot Ion:	83	Resp:	110876
Ion Ratio	Lower	Upper	
83	100		
85	62.6	52.5	78.7
127	8.4	7.4	11.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.217 ug/l

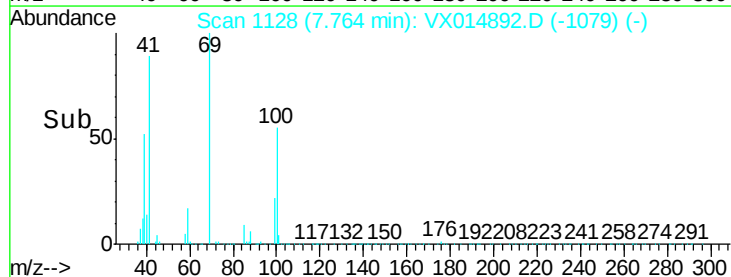
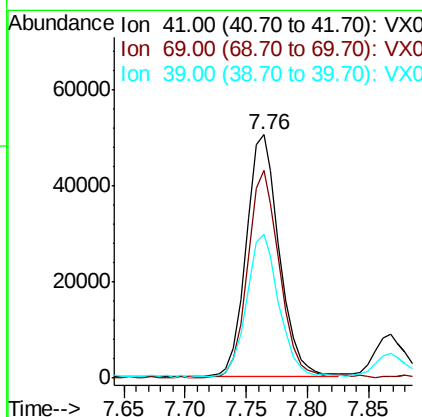
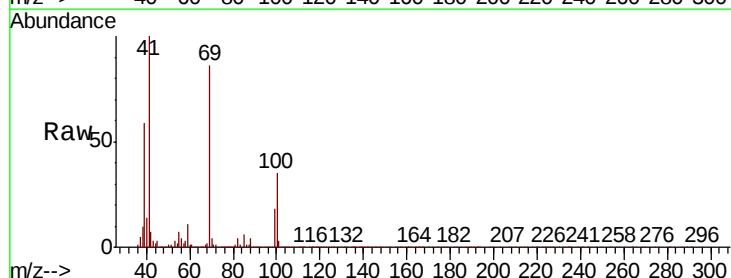
RT: 7.76 min Scan# 1128

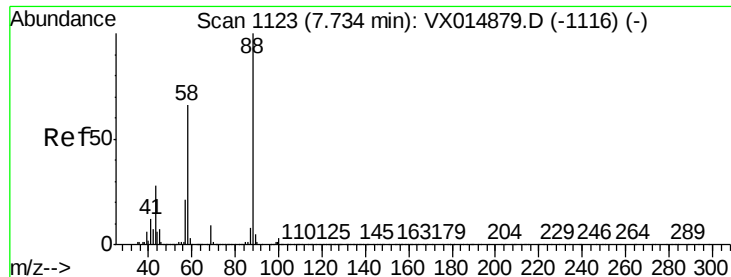
Delta R.T. 0.00 min

Lab File: VX014892.D

Acq: 10 Feb 2020 16:53

Tgt Ion:	41	Resp:	94629
Ion Ratio	Lower	Upper	
41	100		
69	82.7	65.7	98.5
39	57.1	45.8	68.8





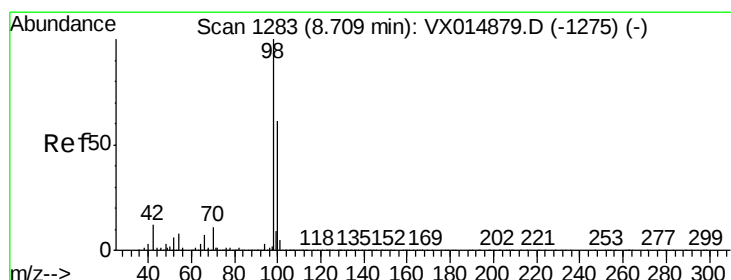
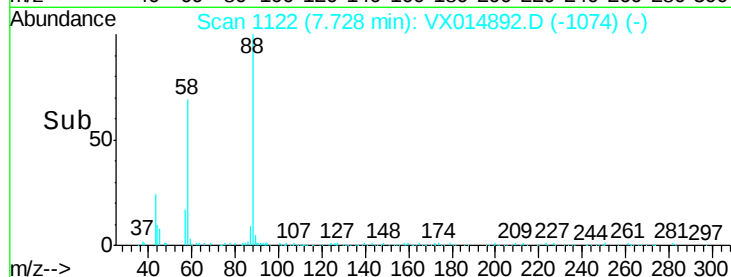
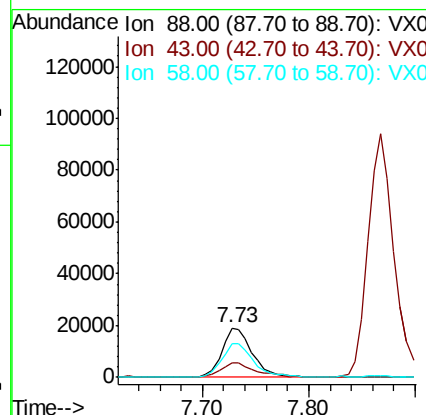
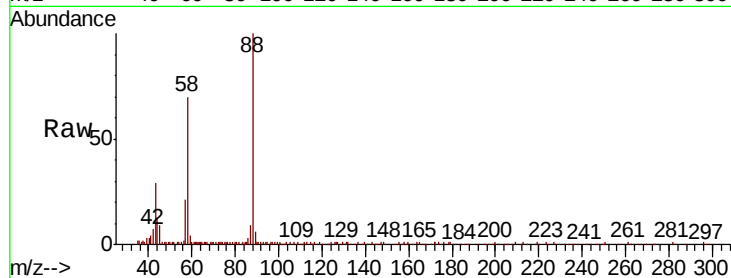
#49
1,4-Dioxane
Concen: 401.713 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX014892.D
Acq: 10 Feb 2020 16:53

Instrument :
MSVOA_X
ClientSampleId :
VX0210MBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.5	27.0	40.4
58	69.6	53.2	79.8

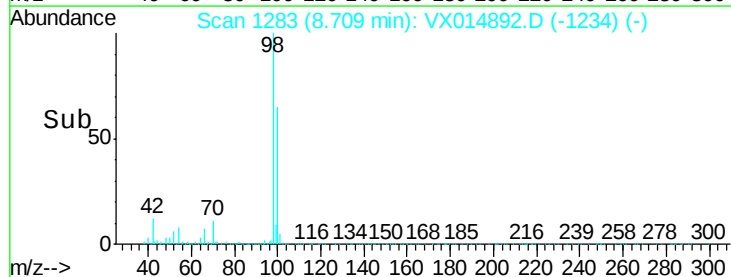
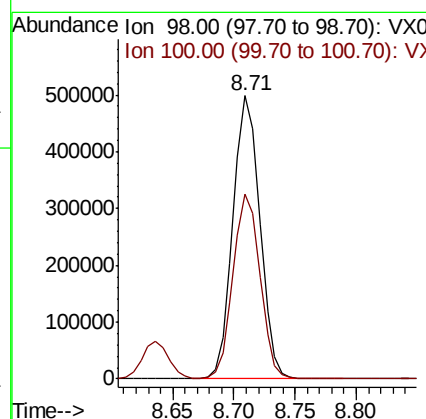
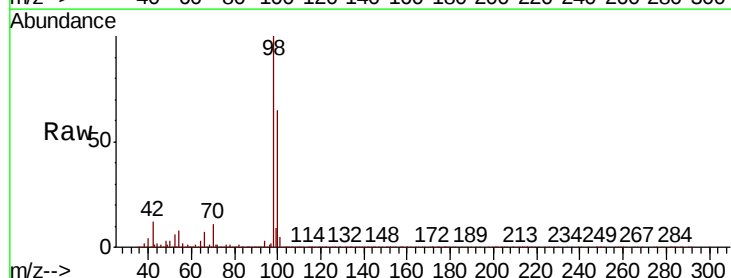
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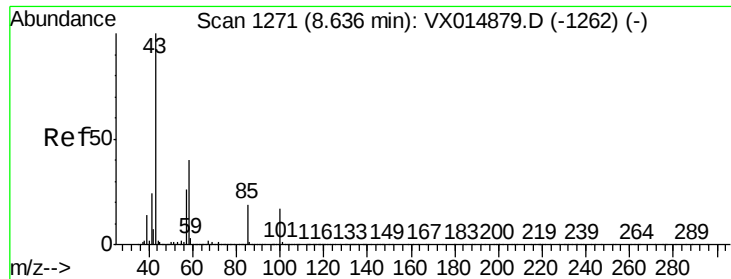
MMDadoda
2/11/2020 10:35:31 AM



#50
Toluene-d8
Concen: 49.644 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014892.D
Acq: 10 Feb 2020 16:53

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.4	78.6





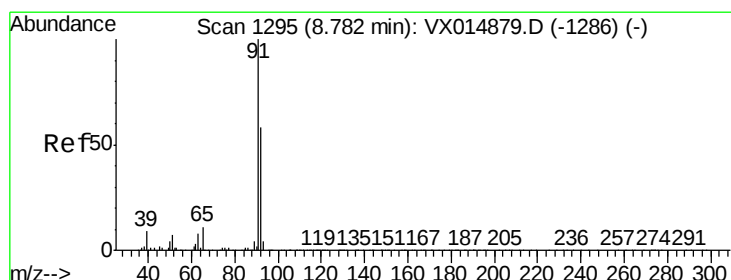
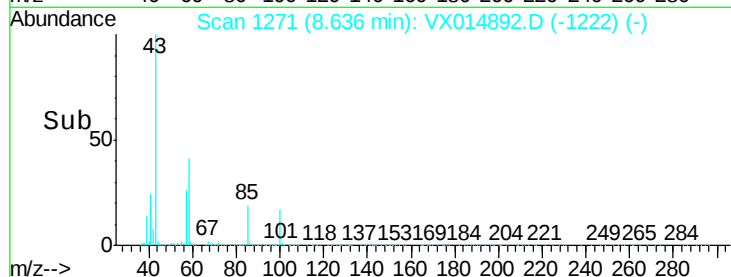
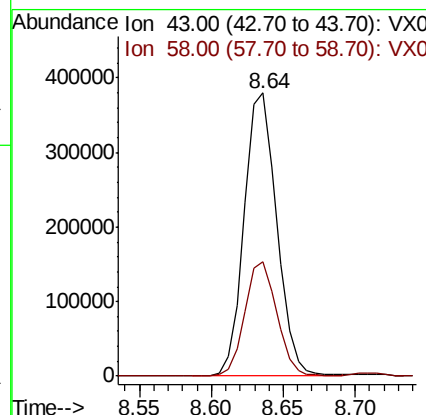
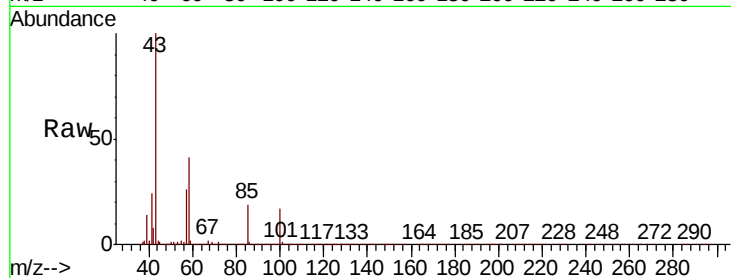
#51
4-Methyl-2-Pentanone
Concen: 98.709 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX014892.D
Acq: 10 Feb 2020 16:53

Instrument :
MSVOA_X
ClientSampleId :
VX0210MBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.8	31.9	47.9

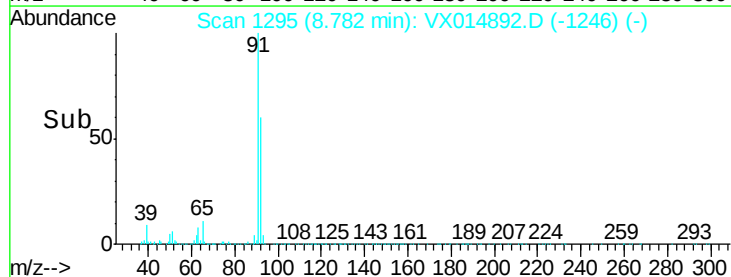
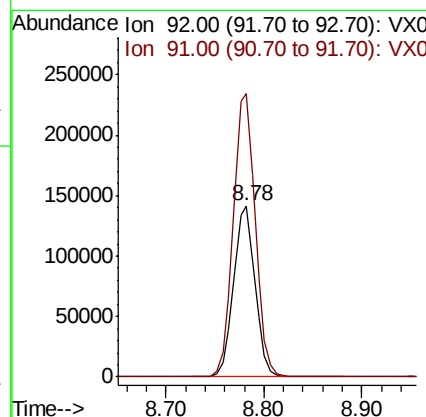
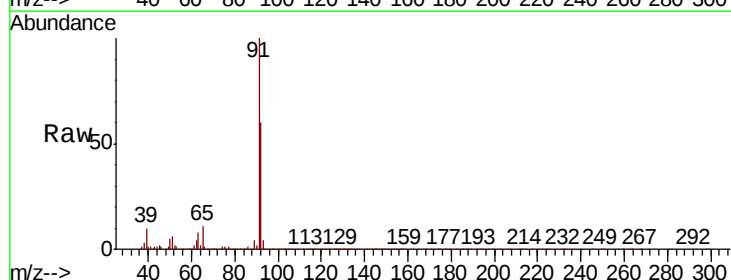
Manual Integrations
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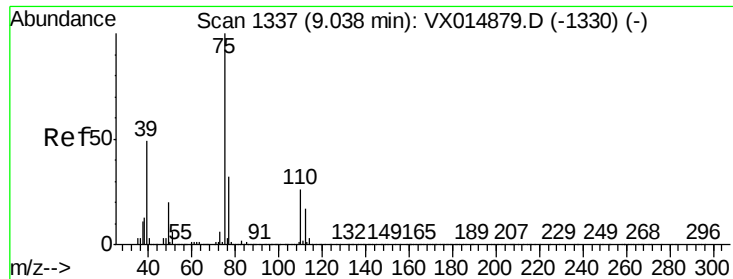
MMDadoda
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#52
Toluene
Concen: 19.450 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VX014892.D
Acq: 10 Feb 2020 16:53

Tgt Ion	Ratio	Lower	Upper
92	100		
91	169.8	137.0	205.4





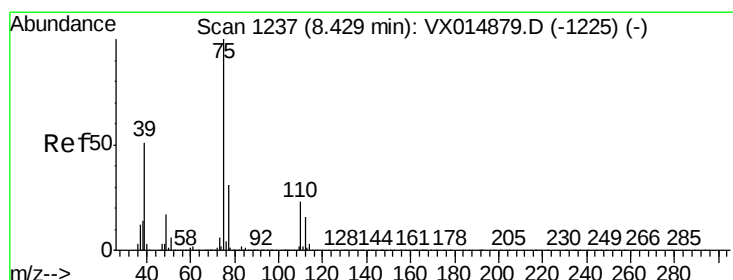
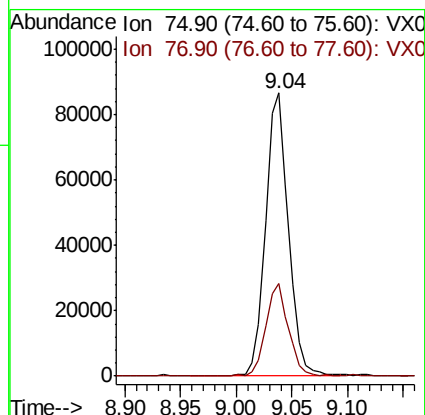
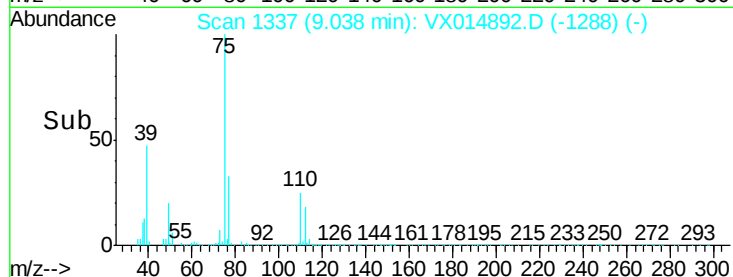
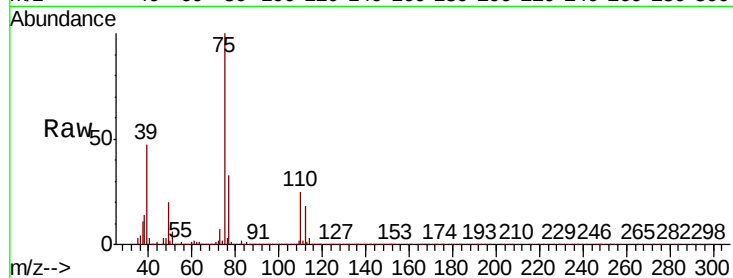
#53
t-1,3-Dichloropropene
Concen: 18.786 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX014892.D
Acq: 10 Feb 2020 16:53

Instrument :
MSVOA_X
ClientSampleId :
VX0210MBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.5	25.5	38.3

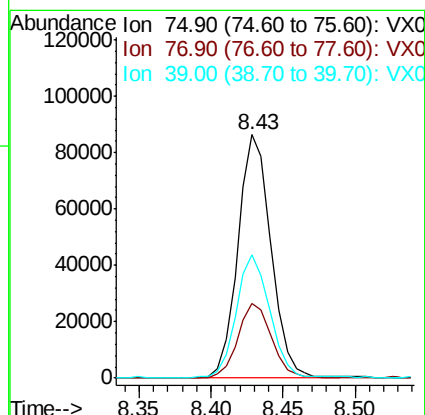
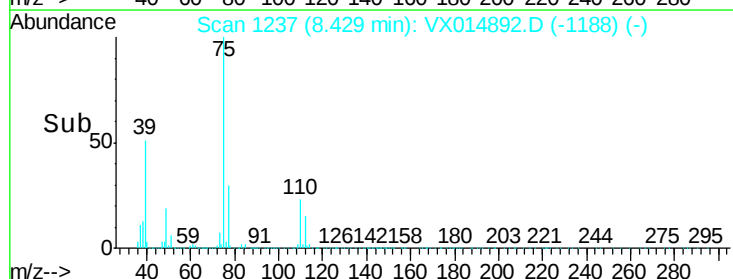
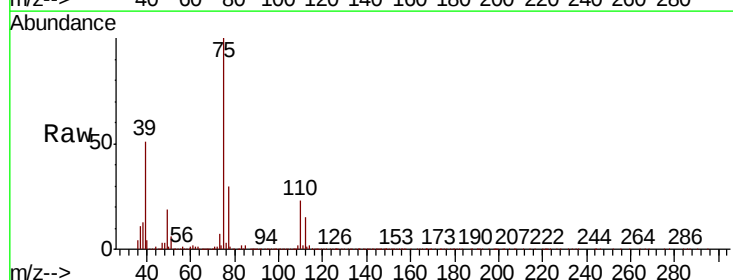
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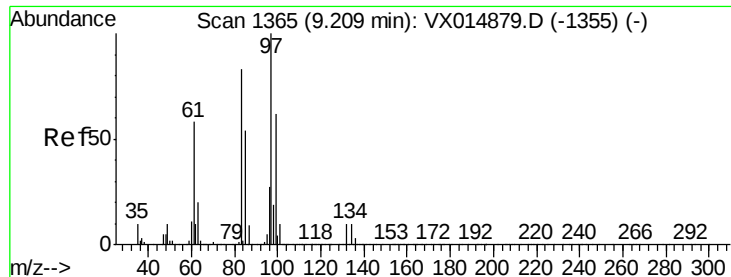
MMDadoda
2/11/2020 10:35:31 AM



#54
cis-1,3-Dichloropropene
Concen: 18.802 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014892.D
Acq: 10 Feb 2020 16:53

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.3	24.6	37.0
39	50.9	40.9	61.3





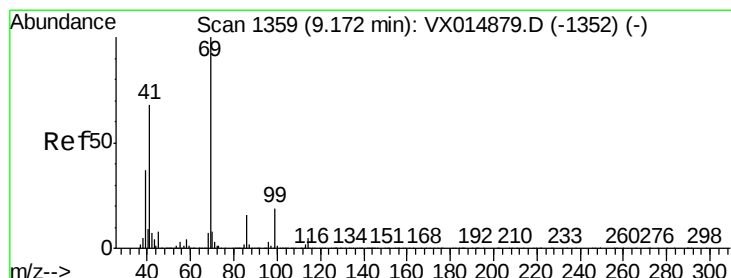
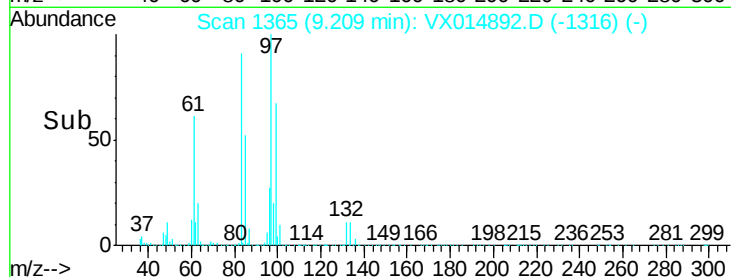
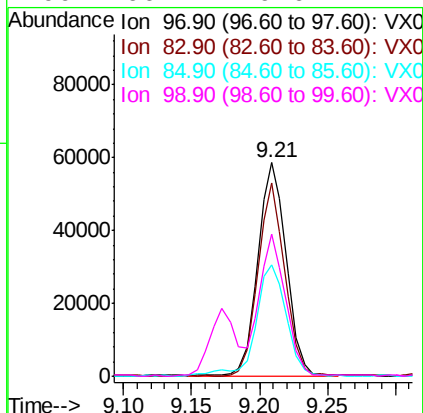
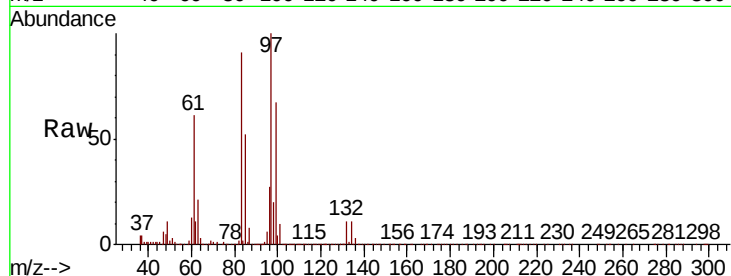
#55
 1,1,2-Trichloroethane
 Concen: 19.254 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014892.D
 Acq: 10 Feb 2020 16:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0210MBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		85969		
83	90.5	66.6	99.8		
85	51.8	43.5	65.3		
99	66.2	49.6	74.4		

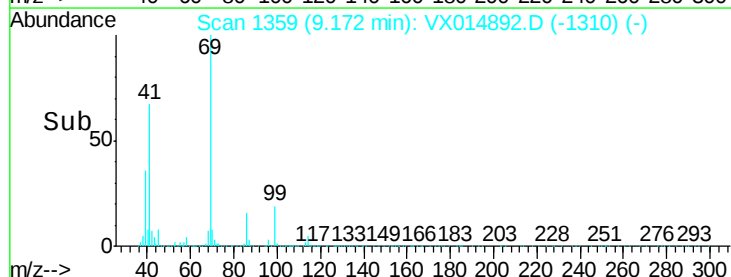
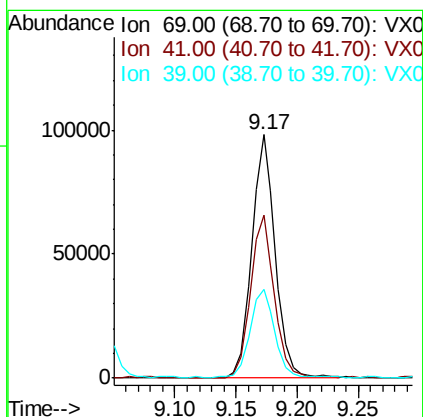
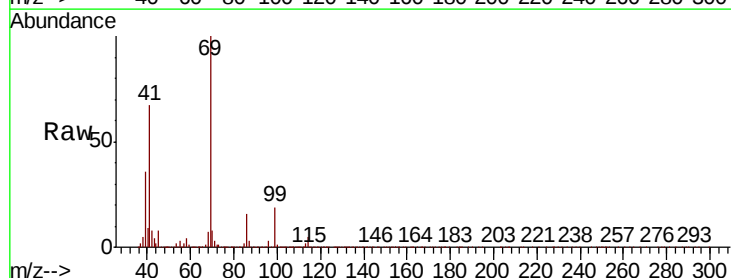
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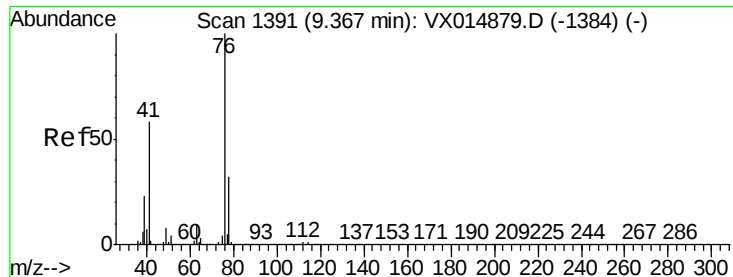
MMDadoda
 2/11/2020 10:35:31 AM



#56
 Ethyl methacrylate
 Concen: 19.444 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014892.D
 Acq: 10 Feb 2020 16:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		130493		
41	67.6	54.8	82.2		
39	38.0	29.9	44.9		





#57

1,3-Dichloropropane

Concen: 19.324 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014892.D

Acq: 10 Feb 2020 16:53

Instrument :

MSVOA_X

ClientSampleId :

VX0210MBSD01

Tot Ion: 76 Resp: 145241

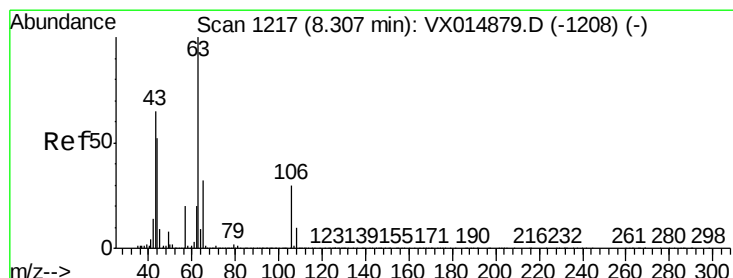
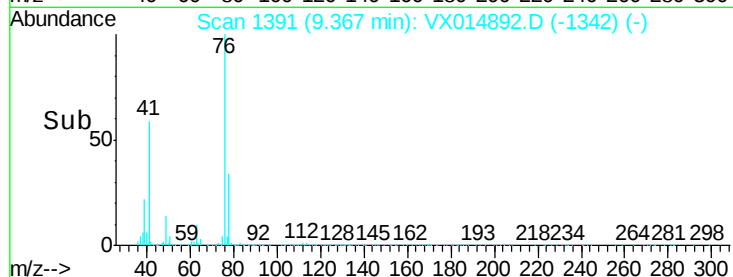
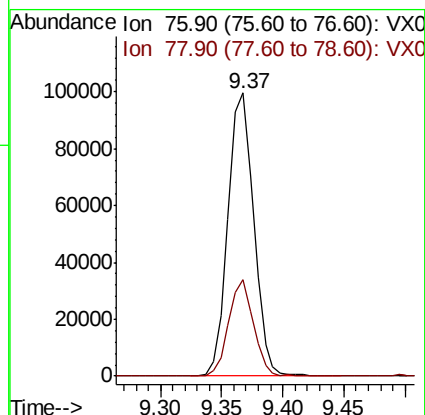
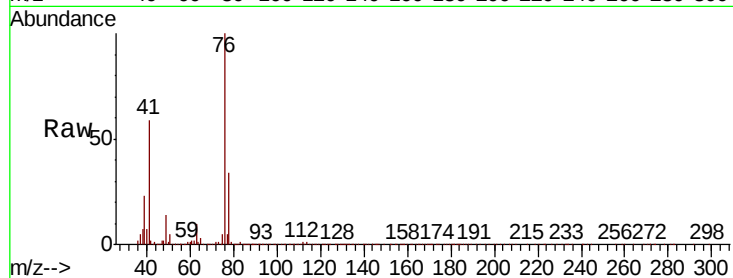
Ion Ratio Lower Upper

76 100

78 33.2 25.8 38.8

Manual Integrations
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2/11/2020 10:35:31 AM



#58

2-Chloroethyl Vinyl ether

Concen: 91.863 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX014892.D

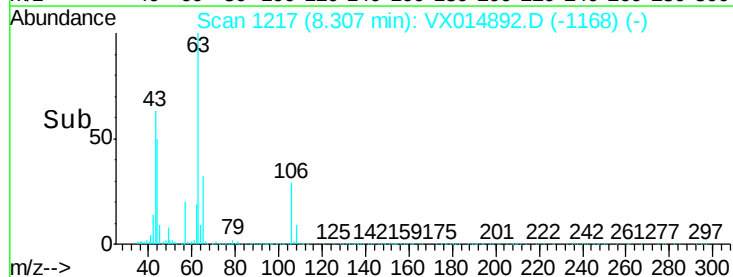
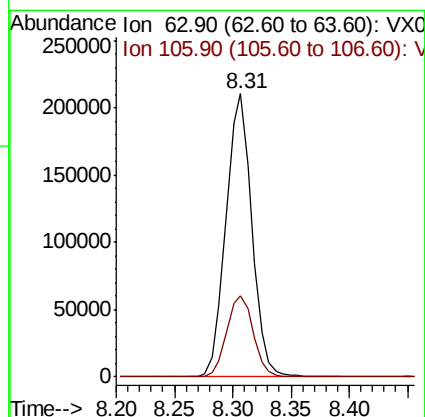
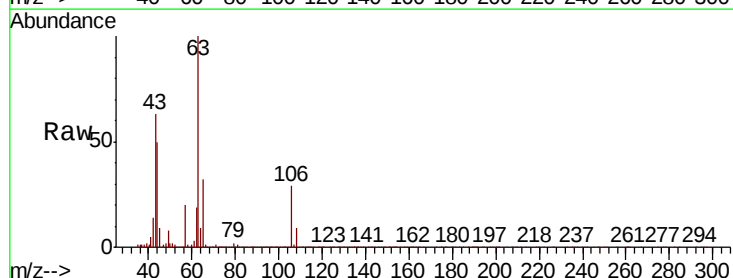
Acq: 10 Feb 2020 16:53

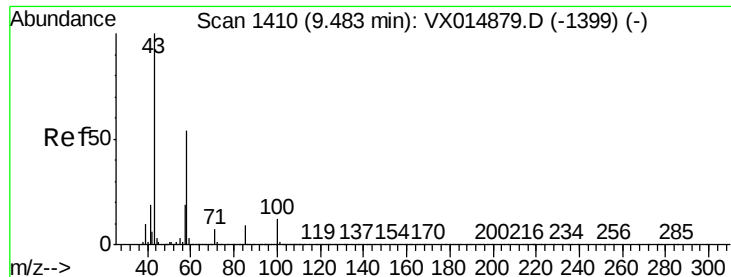
Tgt Ion: 63 Resp: 322420

Ion Ratio Lower Upper

63 100

106 29.5 23.8 35.8





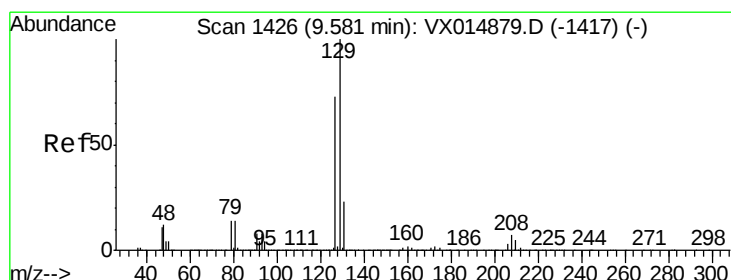
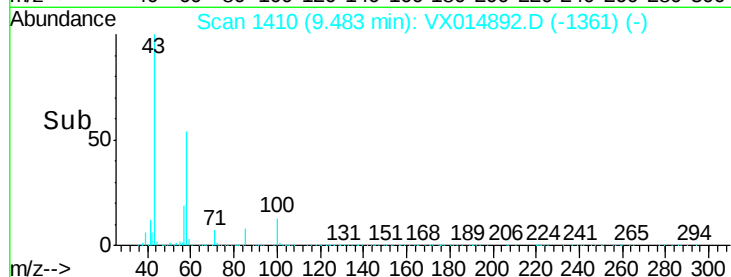
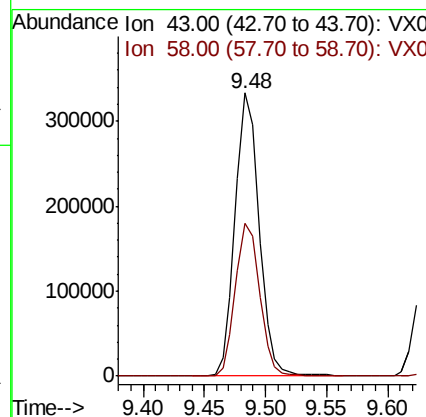
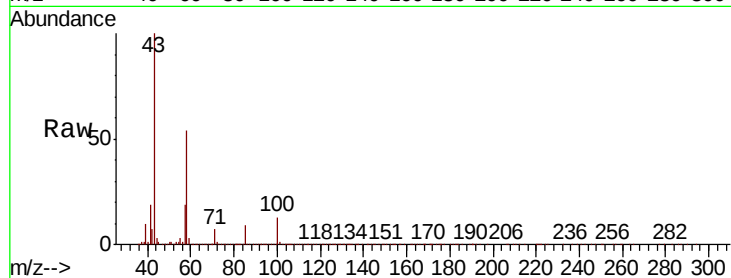
#59
2-Hexanone
Concen: 95.143 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014892.D
Acq: 10 Feb 2020 16:53

Instrument :
MSVOA_X
ClientSampleId :
VX0210MBSD01

Tot Ion: 43 Resp: 451819
Ion Ratio Lower Upper
43 100
58 55.1 27.5 82.5

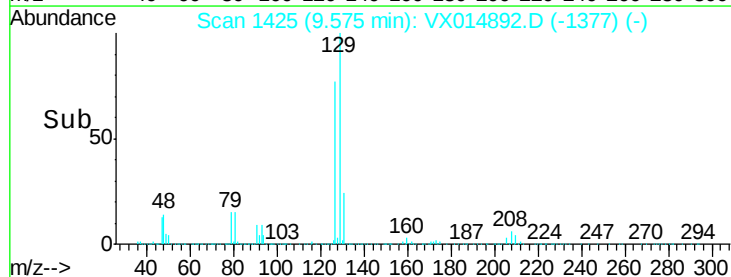
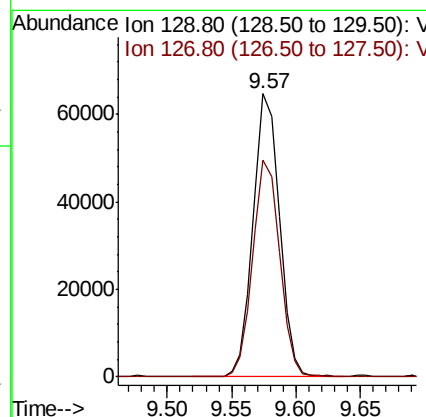
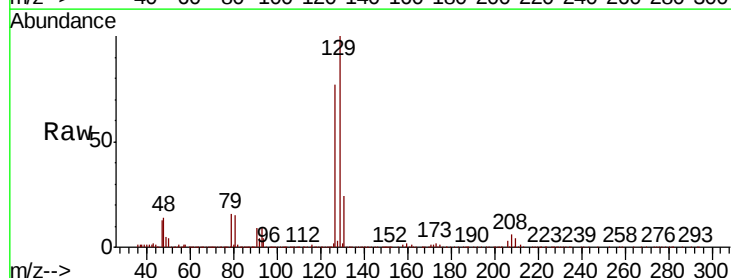
Manual Integrations
APPROVED

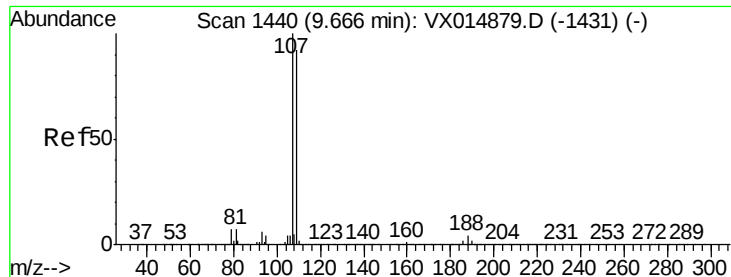
MMDadoda
2/11/2020 10:35:31 AM



#60
Dibromochloromethane
Concen: 19.038 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014892.D
Acq: 10 Feb 2020 16:53

Tgt Ion: 129 Resp: 91479
Ion Ratio Lower Upper
129 100
127 78.2 37.8 113.3





#61

1,2-Dibromoethane

Concen: 19.108 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014892.D

Acq: 10 Feb 2020 16:53

Instrument :

MSVOA_X

ClientSampleId :

VX0210MBSD01

Tot Ion: 107 Resp: 92055

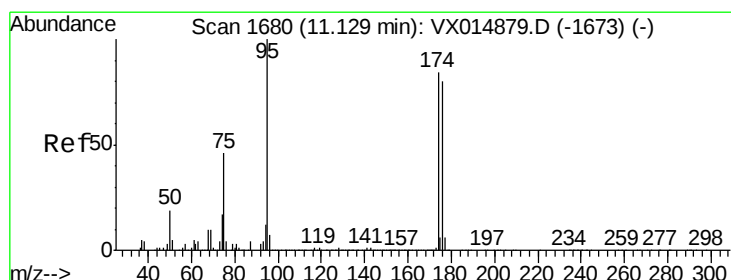
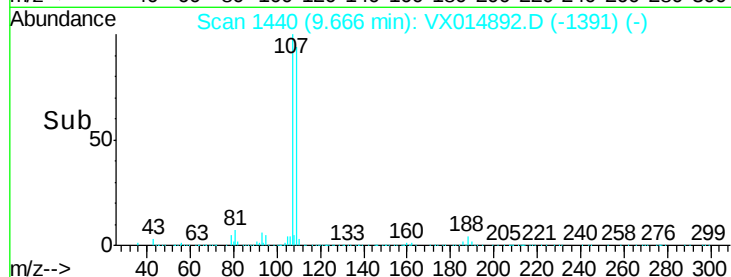
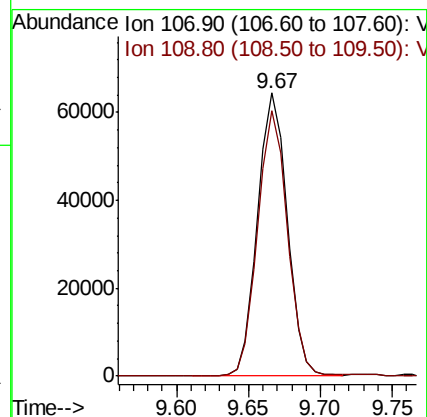
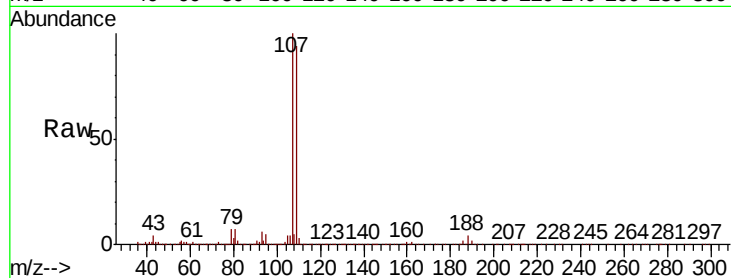
Ion Ratio Lower Upper

107 100

109 92.9 75.6 113.4

Manual Integrations
APPROVED

MMDadoda
2/11/2020 10:35:31 AM



#62

4-Bromofluorobenzene

Concen: 49.830 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX014892.D

Acq: 10 Feb 2020 16:53

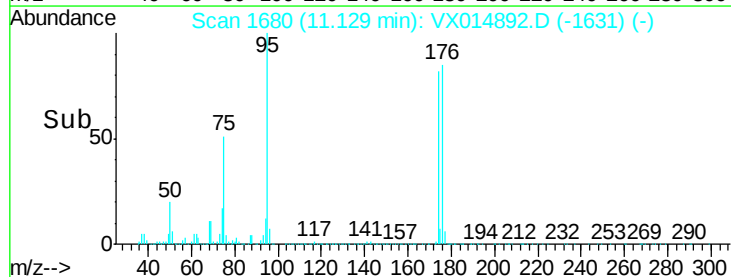
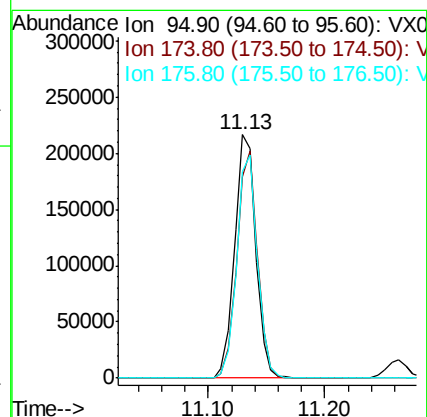
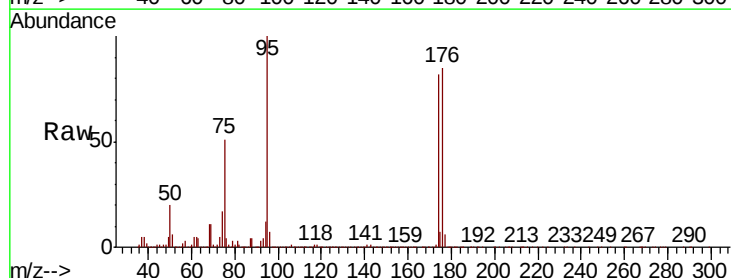
Tgt Ion: 95 Resp: 273848

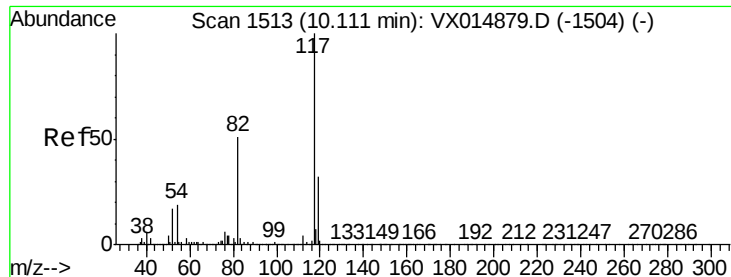
Ion Ratio Lower Upper

95 100

174 90.8 0.0 183.0

176 89.9 0.0 178.0





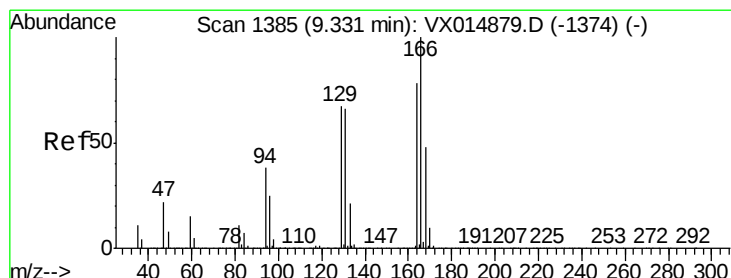
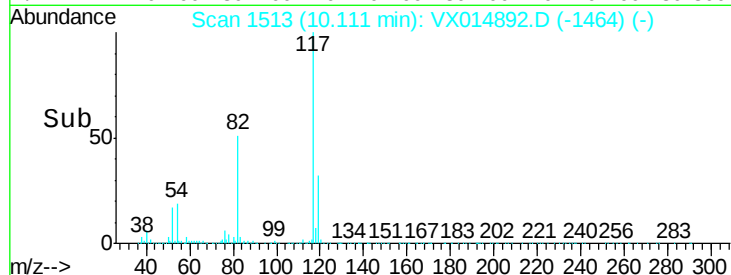
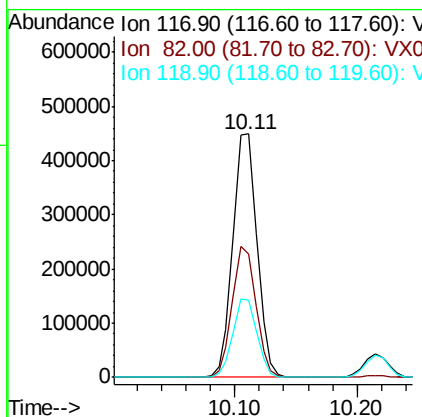
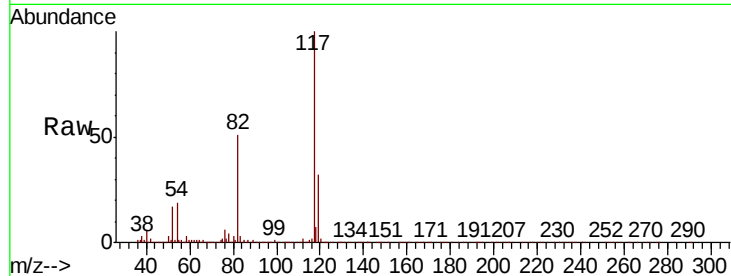
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014892.D
Acq: 10 Feb 2020 16:53

Instrument :
MSVOA_X
ClientSampleId :
VX0210MBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.7	40.5	60.7
119	31.7	25.8	38.6

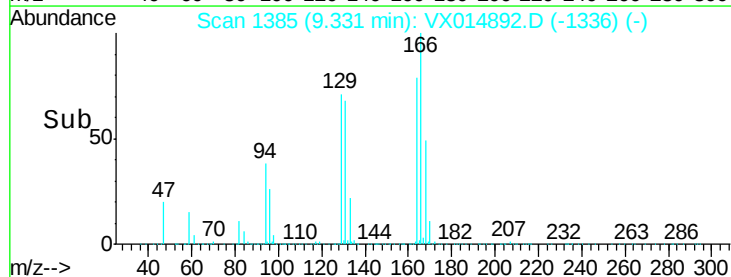
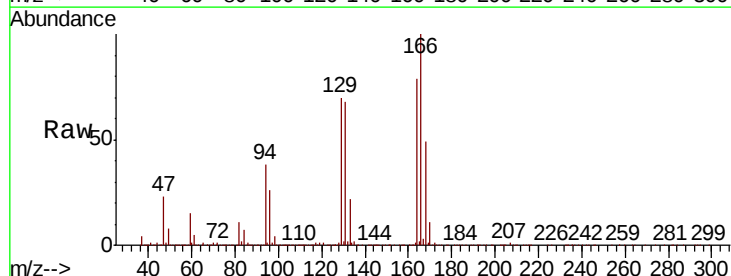
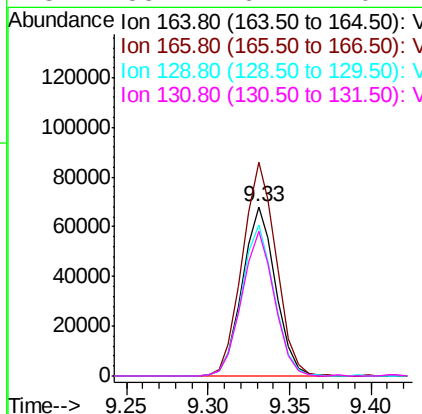
Manual Integrations
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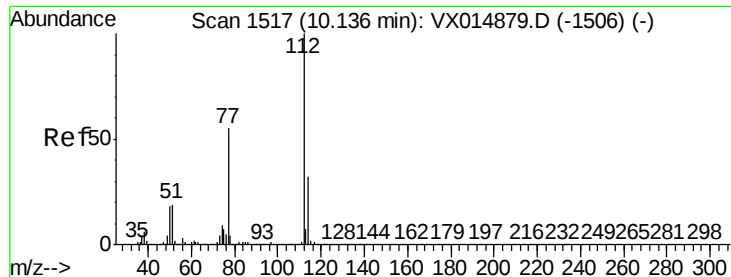
MMDadoda
2/11/2020 10:35:31 AM



#64
Tetrachloroethene
Concen: 16.742 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014892.D
Acq: 10 Feb 2020 16:53

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.3	102.6	153.8
129	88.8	68.3	102.5
131	85.2	67.4	101.2





#65

Chlorobenzene

Concen: 18.863 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014892.D

Acq: 10 Feb 2020 16:53

Instrument :

MSVOA_X

ClientSampleId :

VX0210MBSD01

Tot Ion:112 Resp: 234609

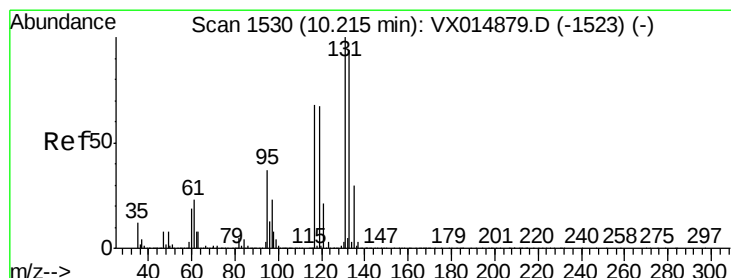
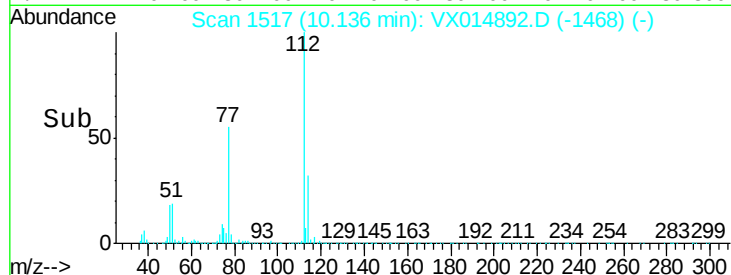
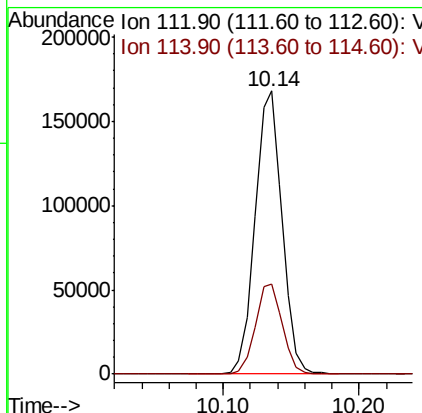
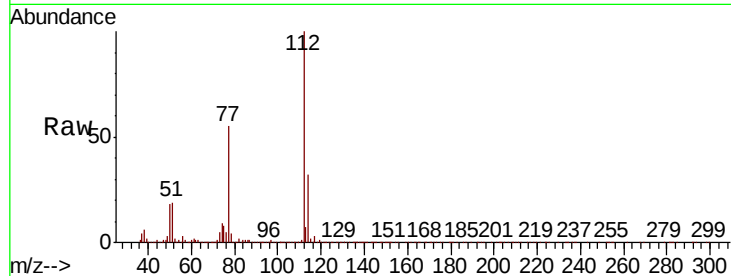
Ion Ratio Lower Upper

112 100

114 31.8 25.6 38.4

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 19.062 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014892.D

Acq: 10 Feb 2020 16:53

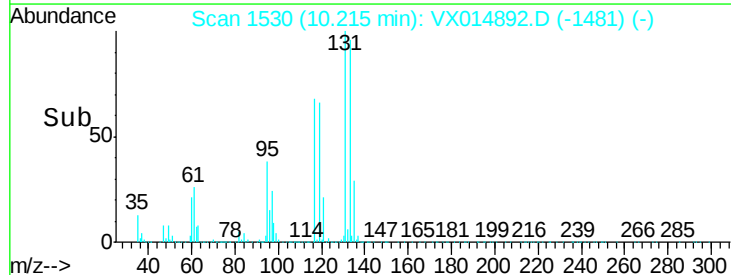
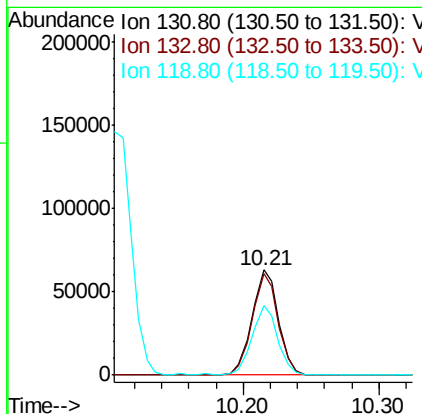
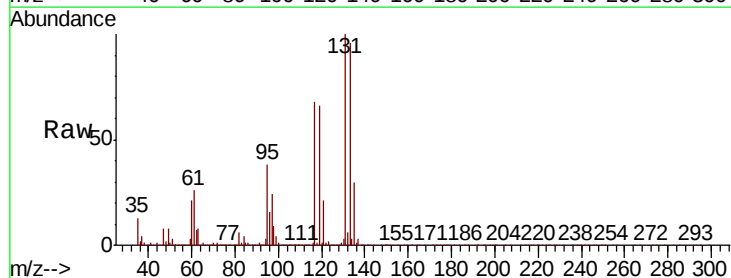
Tgt Ion:131 Resp: 86073

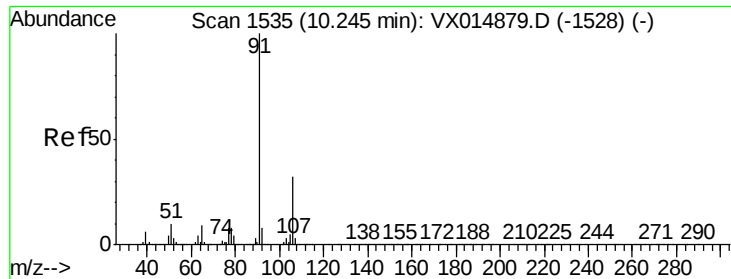
Ion Ratio Lower Upper

131 100

133 94.6 48.1 144.4

119 63.9 33.0 99.0





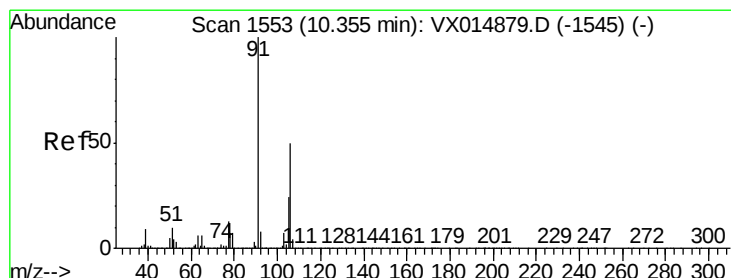
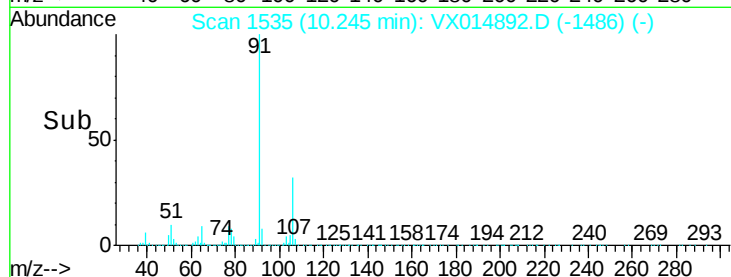
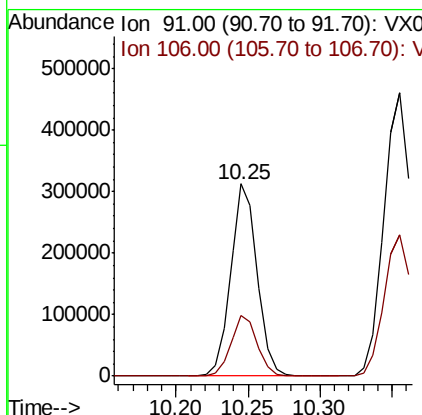
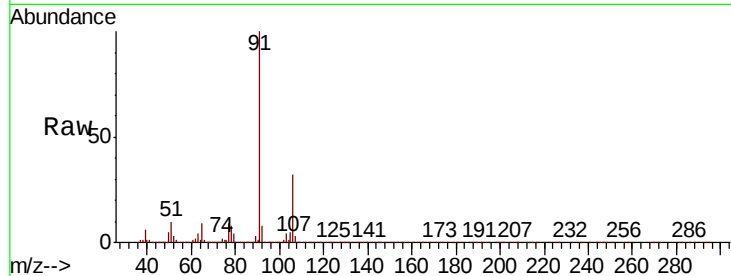
#67
Ethyl Benzene
Concen: 19.016 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014892.D
Acq: 10 Feb 2020 16:53

Instrument :
MSVOA_X
ClientSampleID :
VX0210MBSD01

Tot Ion: 91 Resp: 402251
Ion Ratio Lower Upper
91 100
106 31.6 25.3 37.9

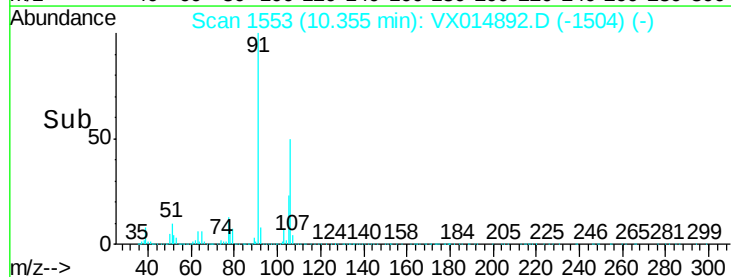
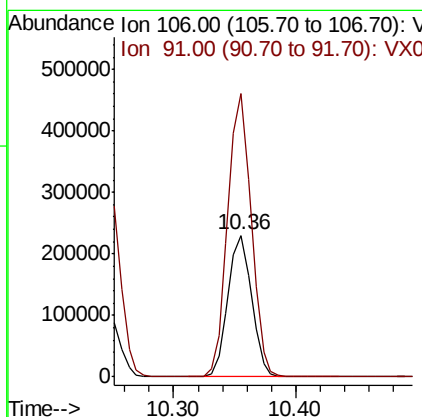
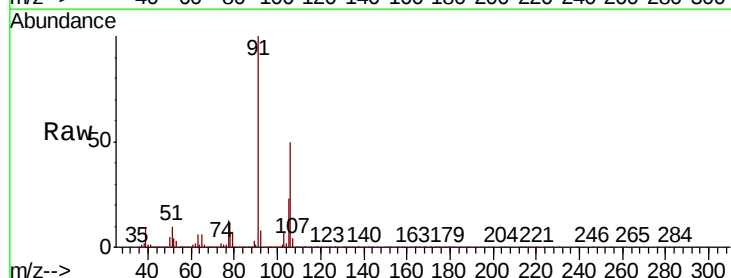
Manual Integrations
APPROVED

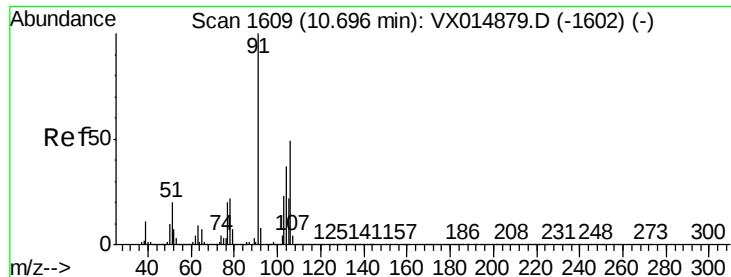
MMDadoda
2/11/2020 10:35:31 AM



#68
m/p-Xylenes
Concen: 37.811 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014892.D
Acq: 10 Feb 2020 16:53

Tgt Ion: 106 Resp: 308114
Ion Ratio Lower Upper
106 100
91 199.6 160.6 240.8





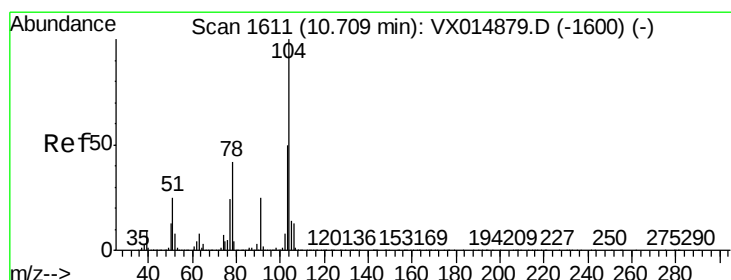
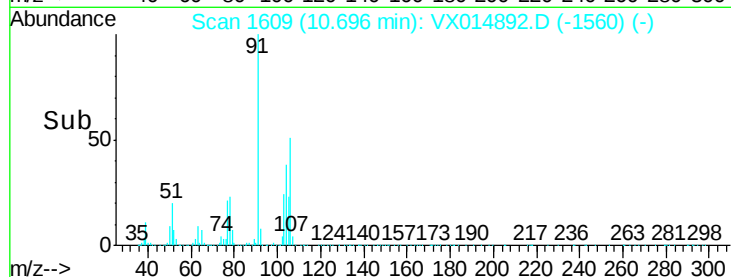
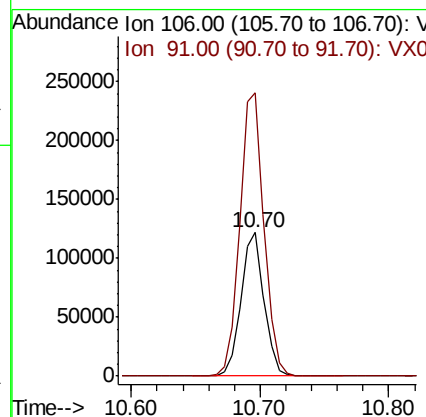
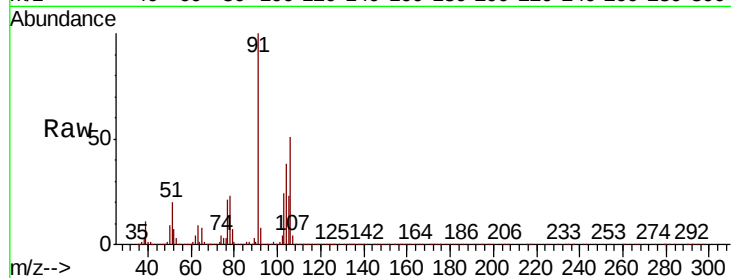
#69
o-Xylene
Concen: 19.359 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014892.D
Acq: 10 Feb 2020 16:53

Instrument :
MSVOA_X
ClientSampled :
VX0210MBSD01

Tot Ion	Ratio	Lower	Upper
106	100		
91	206.3	105.1	315.3

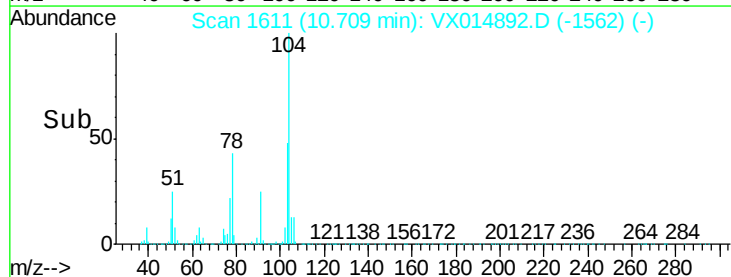
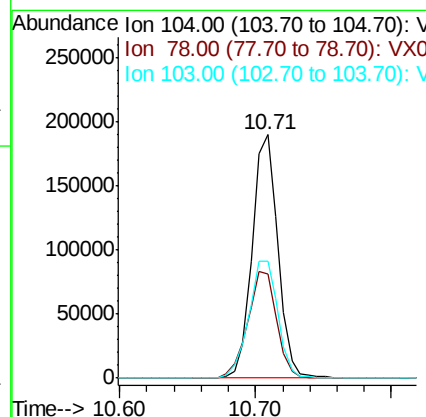
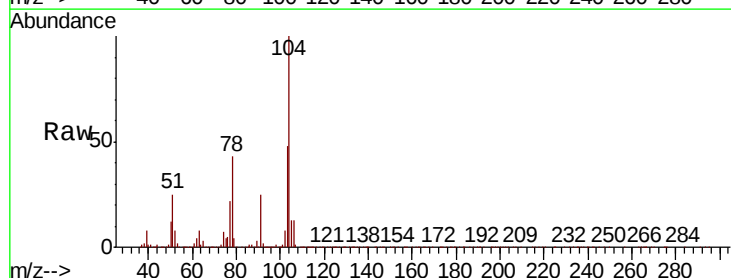
Manual Integrations
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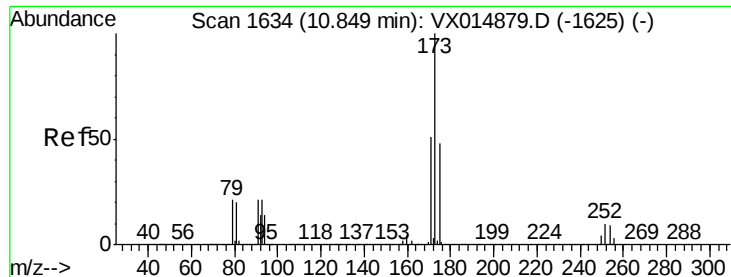
MMDadoda
2/11/2020 10:35:31 AM



#70
Styrene
Concen: 18.985 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014892.D
Acq: 10 Feb 2020 16:53

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.9	39.0	58.4
103	54.7	43.4	65.0





#71

Bromoform

Concen: 18.265 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.01 min

Lab File: VX014892.D

Acq: 10 Feb 2020 16:53

Instrument :

MSVOA_X

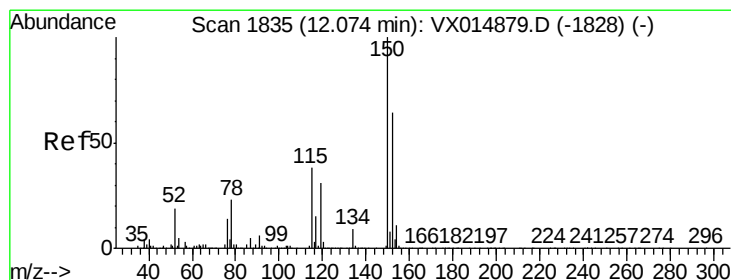
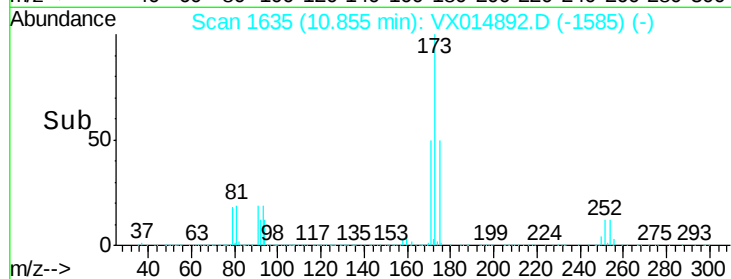
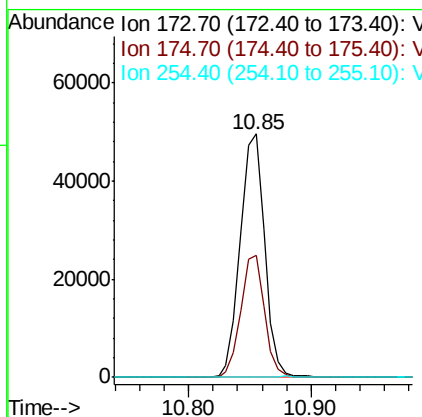
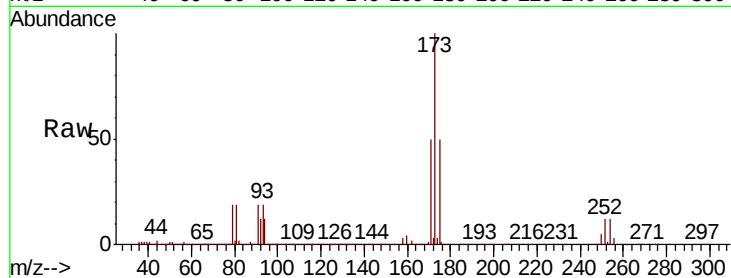
ClientSampleId :

VX0210MBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.2	72.6
254	0.3	0.2	0.2#

Manual Integrations
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2/11/2020 10:35:31 AM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

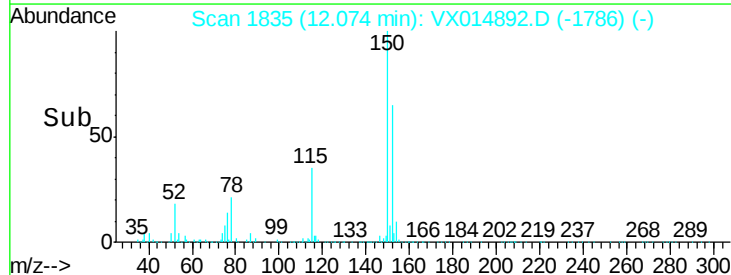
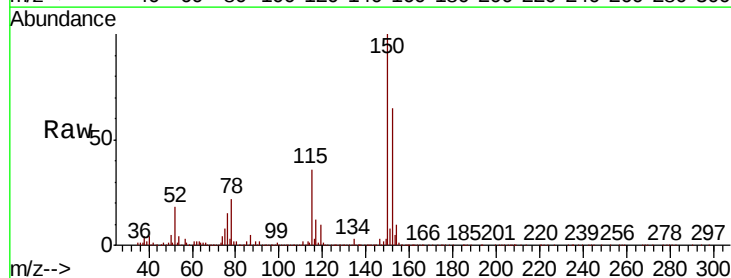
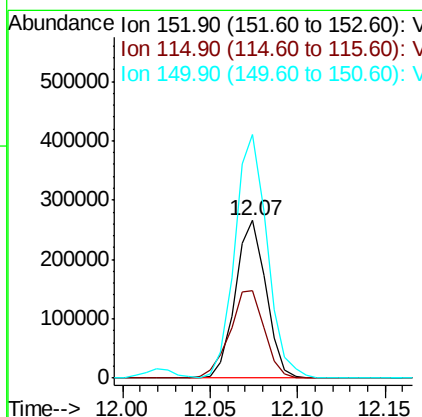
RT: 12.07 min Scan# 1835

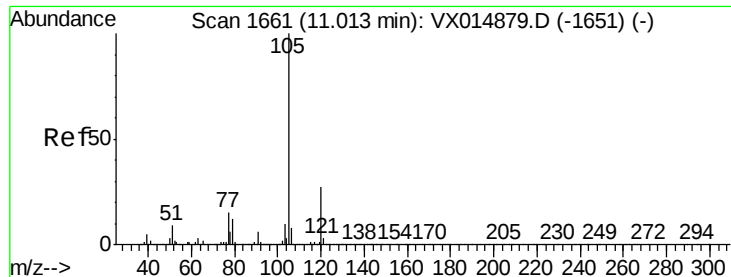
Delta R.T. 0.00 min

Lab File: VX014892.D

Acq: 10 Feb 2020 16:53

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.9	38.6	116.0
150	163.0	0.0	349.0





#73

Isopropylbenzene

Concen: 19.483 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014892.D

Acq: 10 Feb 2020 16:53

Instrument :

MSVOA_X

ClientSampleId :

VX0210MBSD01

Tot Ion: 105 Resp: 395492

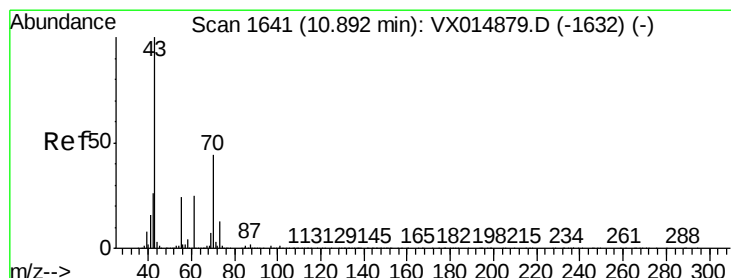
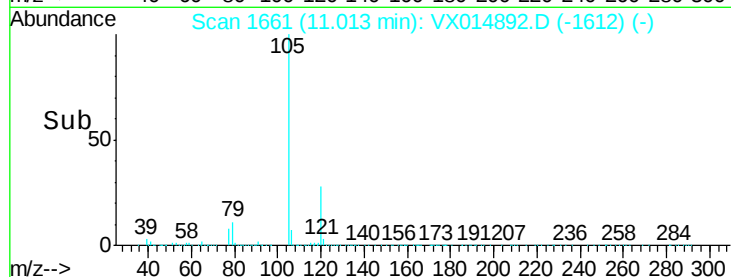
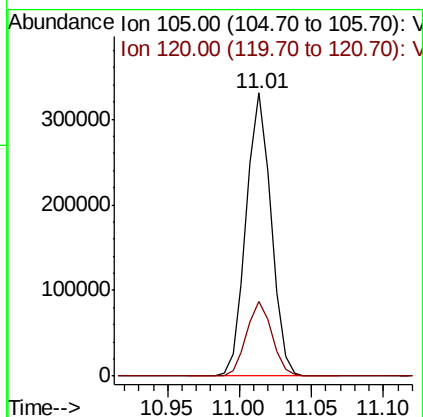
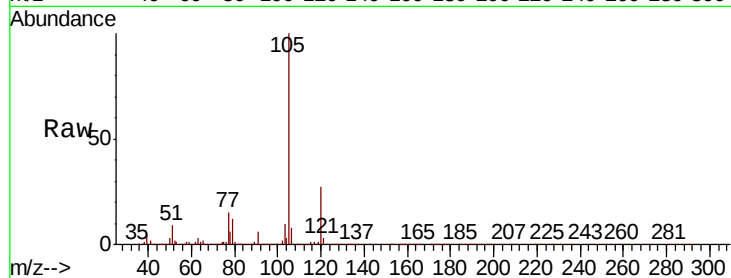
Ion Ratio Lower Upper

105 100

120 26.9 13.6 40.8

Manual Integrations
APPROVED

MMDadoda
2/11/2020 10:35:31 AM



#74

N-ethyl acetate

Concen: 19.364 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014892.D

Acq: 10 Feb 2020 16:53

Tgt Ion: 43 Resp: 163331

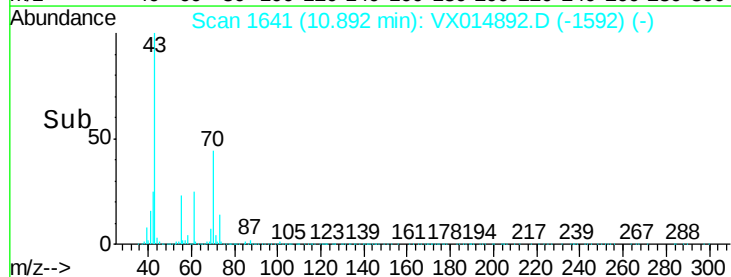
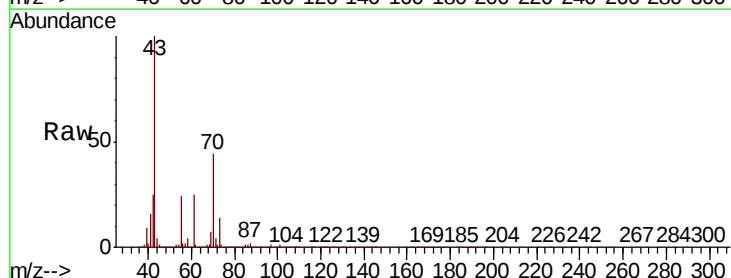
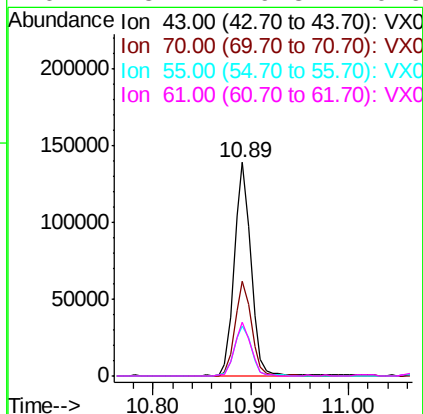
Ion Ratio Lower Upper

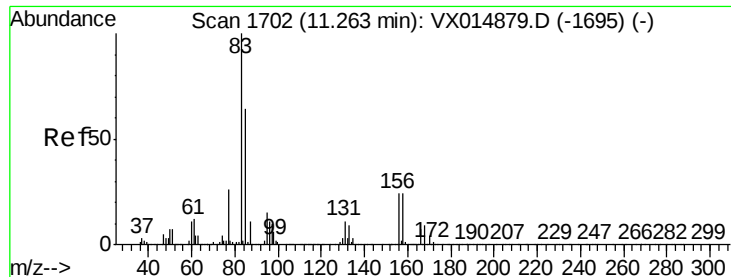
43 100

70 43.9 35.0 52.4

55 25.2 19.4 29.2

61 25.1 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.427 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014892.D

Acq: 10 Feb 2020 16:53

Instrument :

MSVOA_X

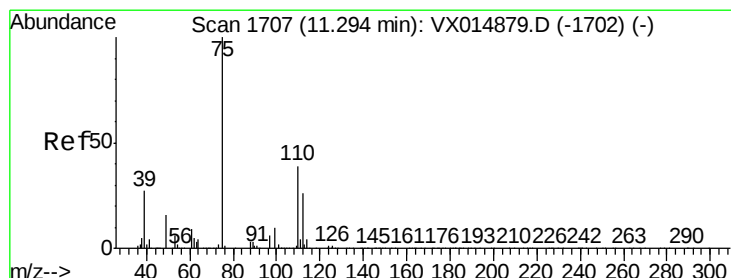
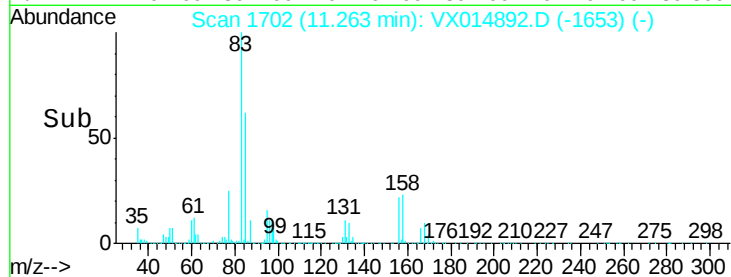
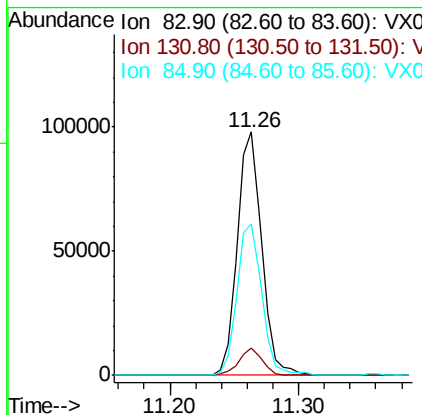
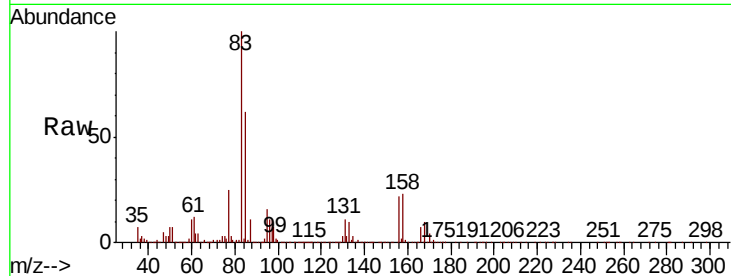
ClientSampled :

VX0210MBSD01

Tot Ion:	83	Resp:	128915
Ion Ratio		Lower	Upper
83	100		
131	10.5	5.3	16.1
85	64.1	32.6	97.7

Manual Integrations
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2/11/2020 10:35:31 AM



#76

1,2,3-Trichloropropane

Concen: 18.484 ug/l m

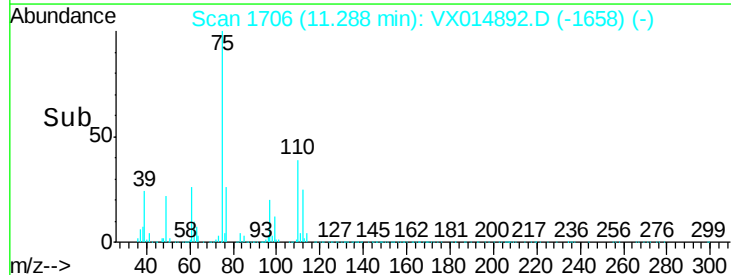
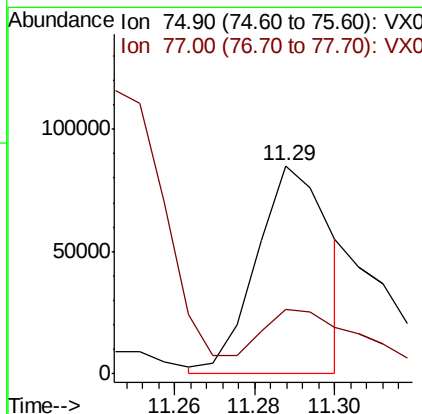
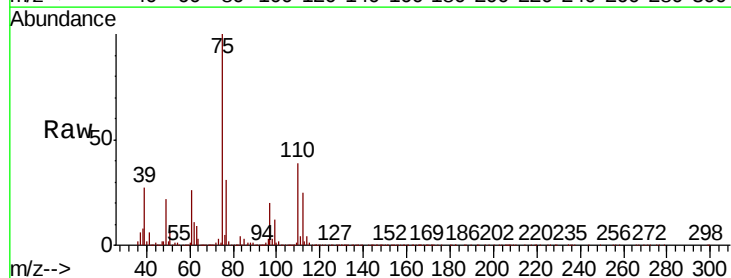
RT: 11.29 min Scan# 1706

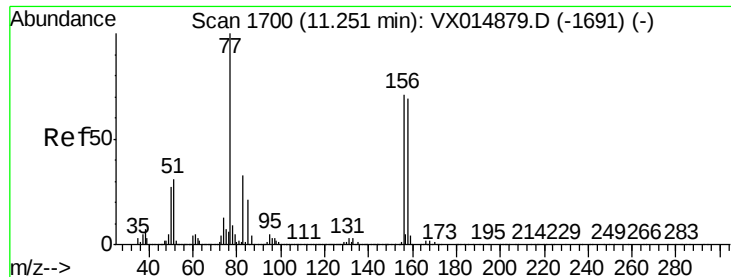
Delta R.T. -0.01 min

Lab File: VX014892.D

Acq: 10 Feb 2020 16:53

Tgt Ion:	75	Resp:	108197
Ion Ratio		Lower	Upper
75	100		
77	42.4	18.4	55.0





#77

Bromobenzene

Concen: 18.959 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014892.D

Acq: 10 Feb 2020 16:53

Instrument :

MSVOA_X

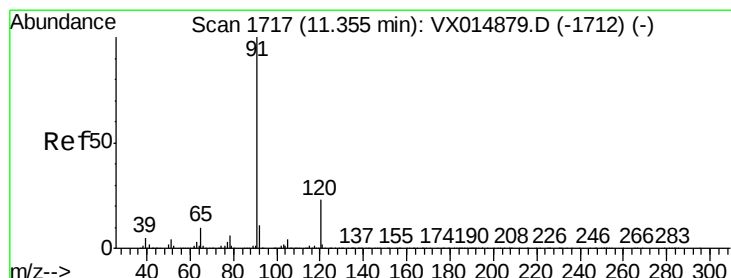
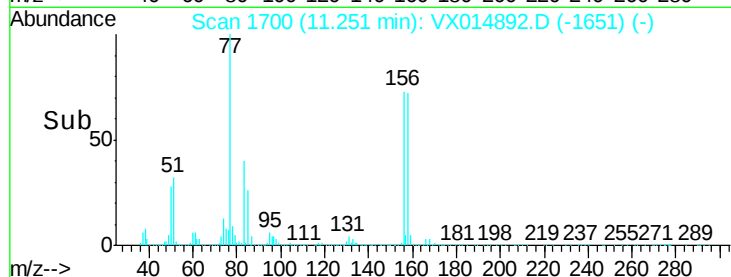
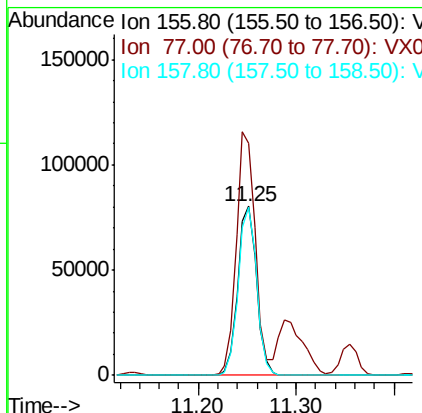
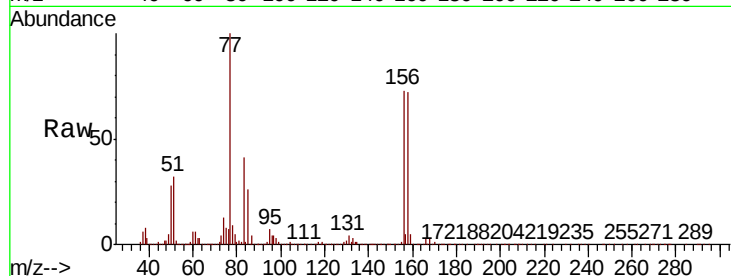
ClientSampleId :

VX0210MBSD01

Tot Ion:	156	Resp:	107422
Ion Ratio	Lower	Upper	
156	100		
77	146.0	74.0	222.0
158	97.7	48.9	146.6

Manual Integrations
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#78

n-propylbenzene

Concen: 19.304 ug/l

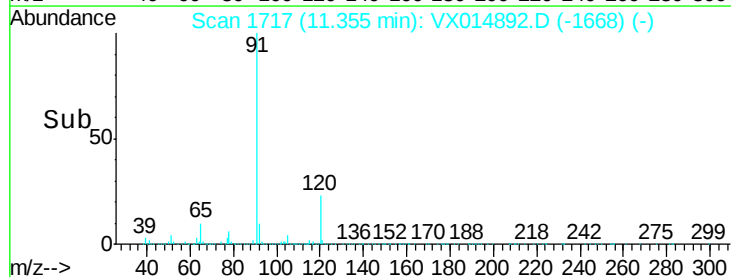
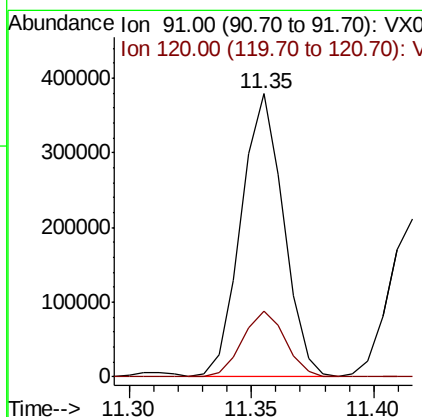
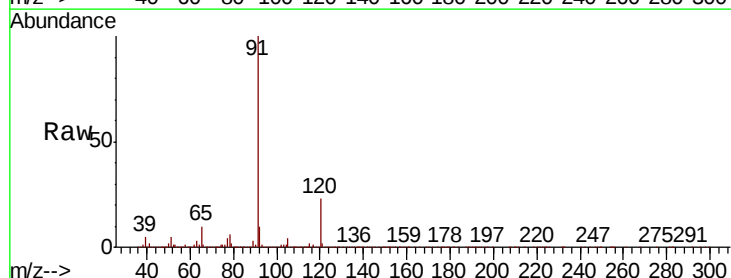
RT: 11.35 min Scan# 1717

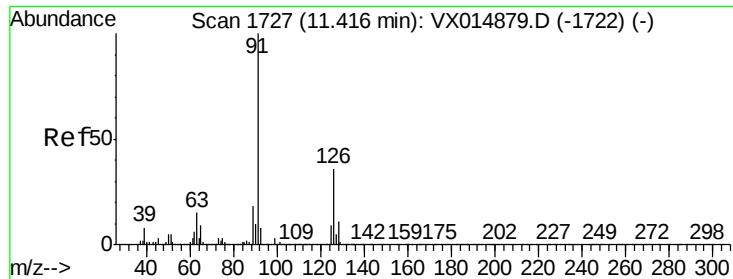
Delta R.T. 0.00 min

Lab File: VX014892.D

Acq: 10 Feb 2020 16:53

Tgt Ion:	91	Resp:	453243
Ion Ratio	Lower	Upper	
91	100		
120	23.7	11.8	35.4





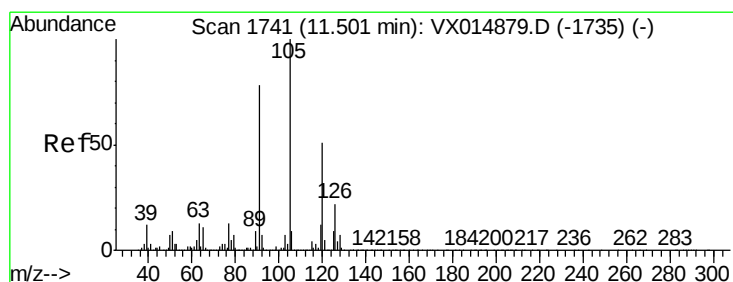
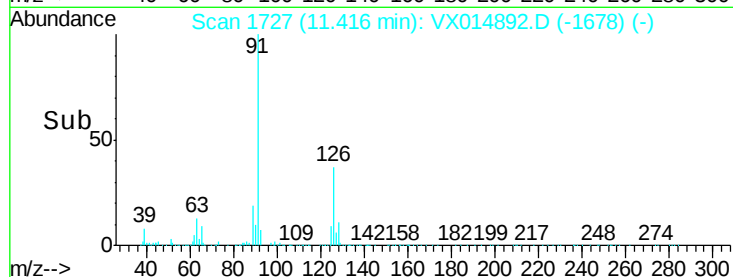
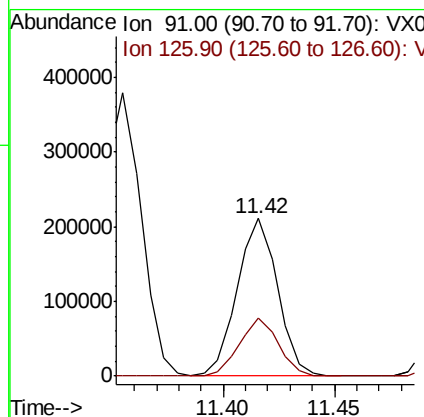
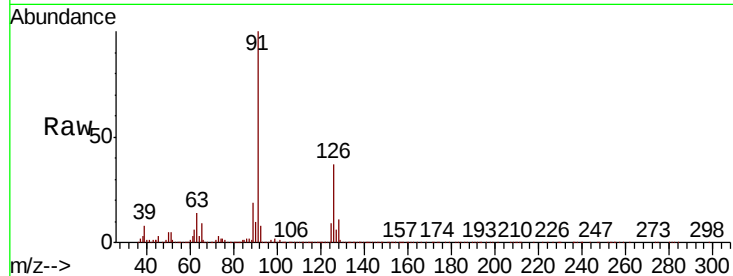
#79
2-Chlorotoluene
Concen: 19.283 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX014892.D
Acq: 10 Feb 2020 16:53

Instrument :
MSVOA_X
ClientSampleId :
VX0210MBSD01

Tot Ion: 91 Resp: 266161
Ion Ratio Lower Upper
91 100
126 35.6 18.0 54.0

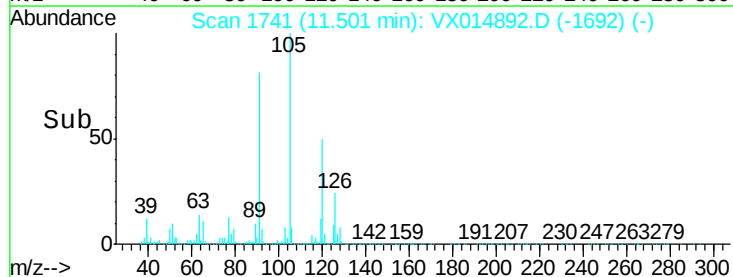
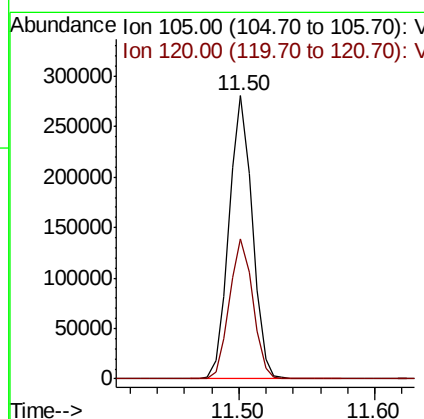
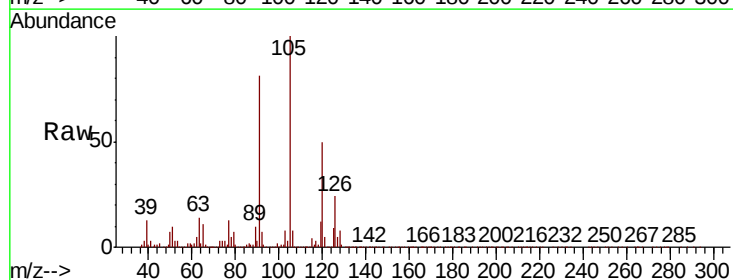
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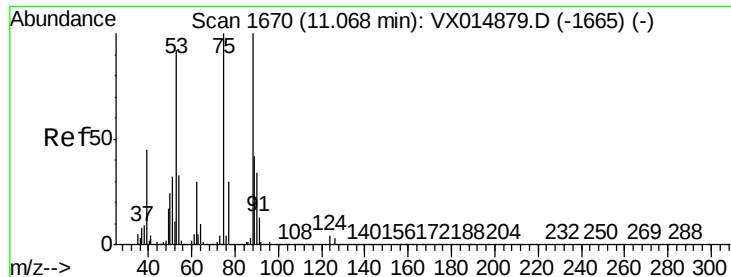
MMDadoda
2/11/2020 10:35:31 AM



#80
1,3,5-Trimethylbenzene
Concen: 19.599 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX014892.D
Acq: 10 Feb 2020 16:53

Tgt Ion: 105 Resp: 332435
Ion Ratio Lower Upper
105 100
120 50.0 25.6 76.6





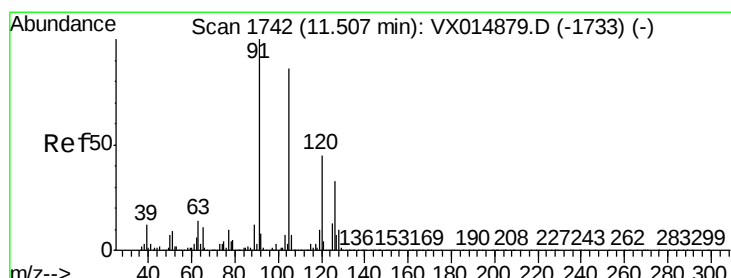
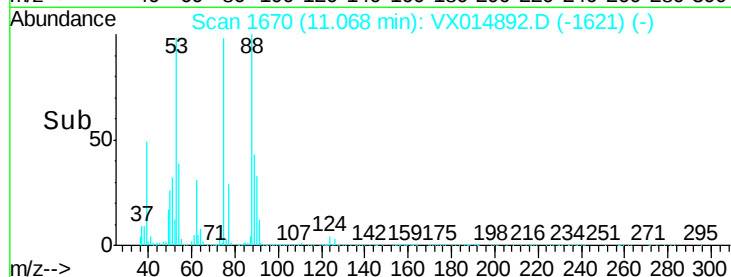
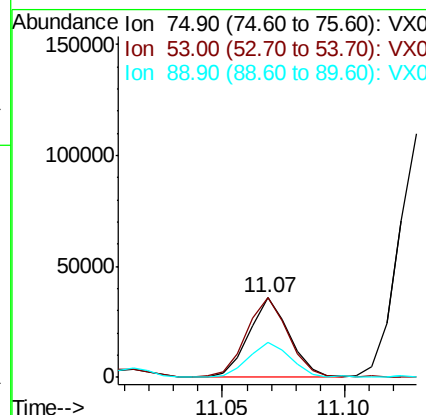
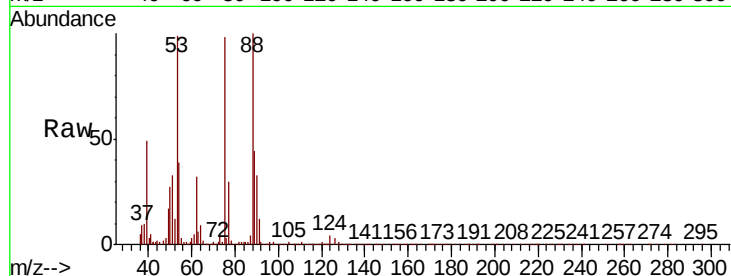
#81
trans-1,4-Dichloro-2-butene
Concen: 17.556 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014892.D
Acq: 10 Feb 2020 16:53

Instrument :
MSVOA_X
ClientSampleId :
VX0210MBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	103.7	76.2	114.2
89	45.9	35.8	53.6

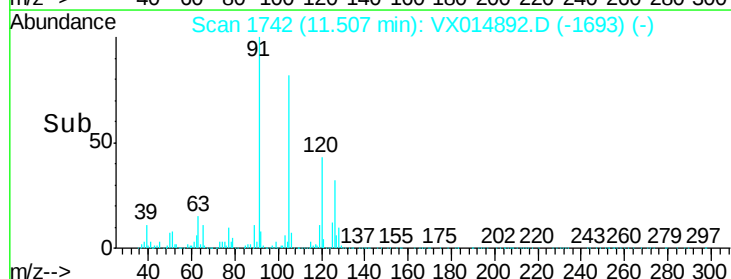
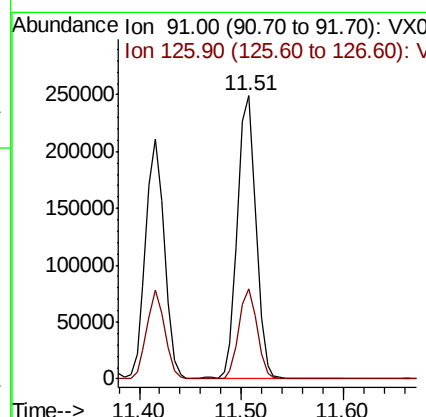
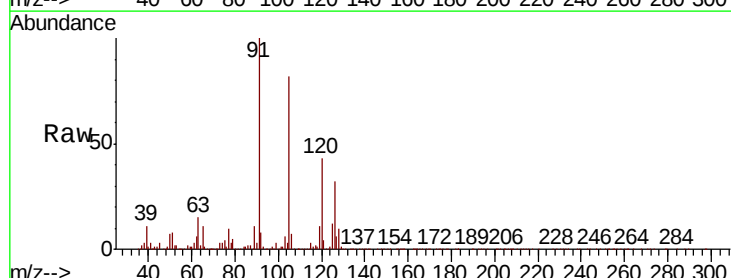
Manual Integrations
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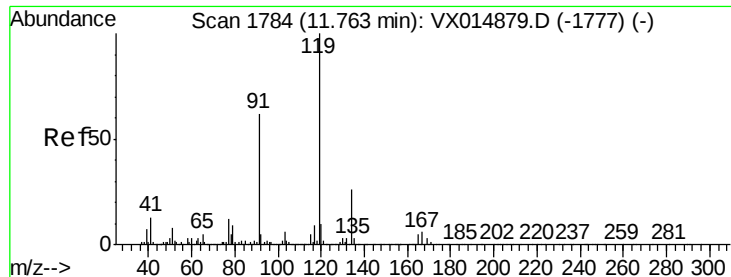
MMDadoda
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#82
4-Chlorotoluene
Concen: 19.050 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014892.D
Acq: 10 Feb 2020 16:53

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.4	15.7	47.0





#83

tert-Butylbenzene

Concen: 19.602 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX014892.D

Acq: 10 Feb 2020 16:53

Instrument :

MSVOA_X

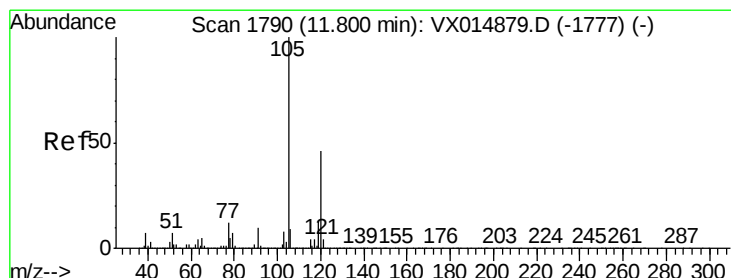
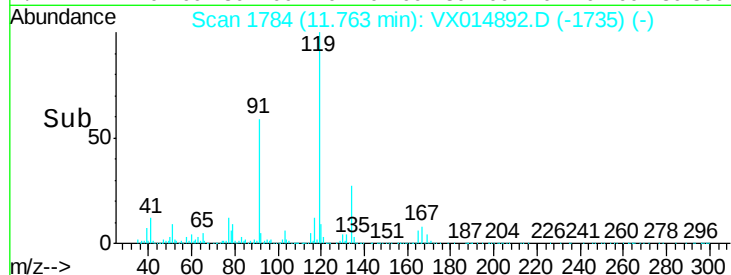
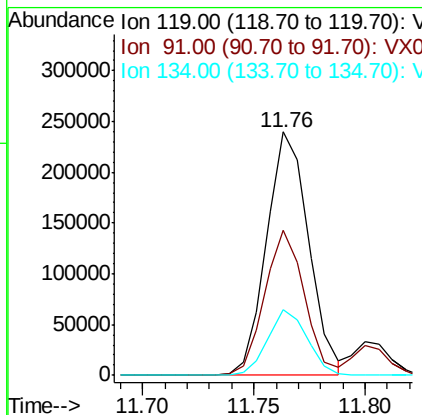
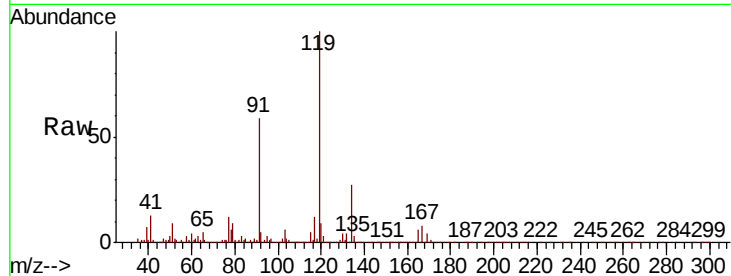
ClientSampleId :

VX0210MBSD01

Tot Ion:	119	Resp:	314845
Ion Ratio	Lower	Upper	
119	100		
91	56.3	29.5	88.6
134	25.5	12.6	37.6

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#84

1,2,4-Trimethylbenzene

Concen: 19.759 ug/l

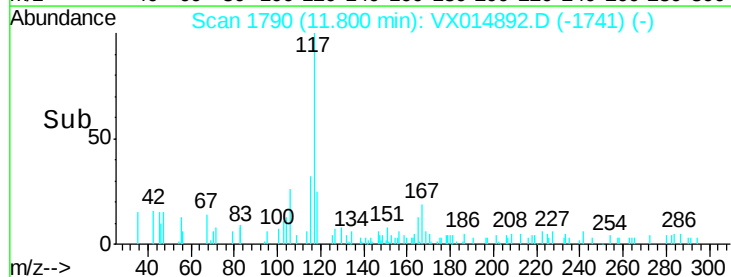
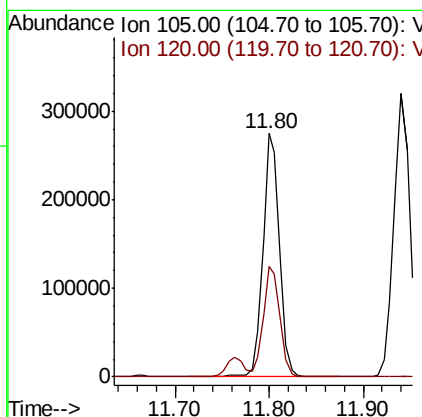
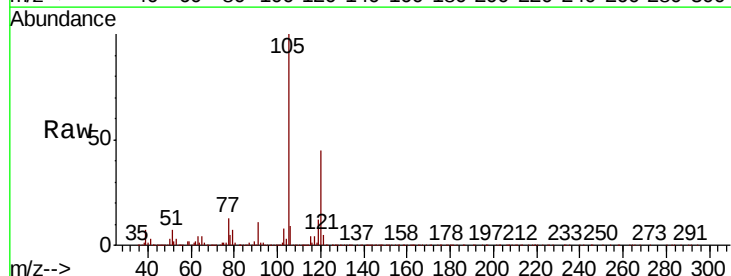
RT: 11.80 min Scan# 1790

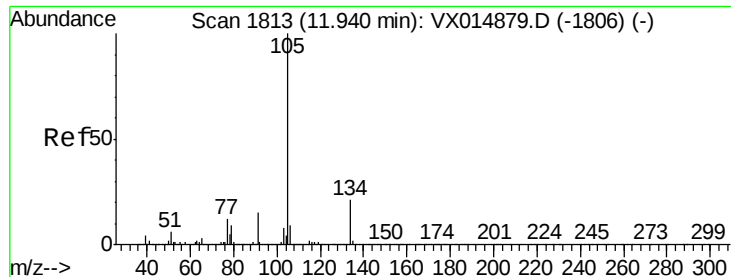
Delta R.T. 0.00 min

Lab File: VX014892.D

Acq: 10 Feb 2020 16:53

Tgt Ion:	105	Resp:	337748
Ion Ratio	Lower	Upper	
105	100		
120	45.7	23.0	69.0





#85

sec-Butylbenzene

Concen: 19.197 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014892.D

Acq: 10 Feb 2020 16:53

Instrument :

MSVOA_X

ClientSampleId :

VX0210MBSD01

Tot Ion:105 Resp: 383042

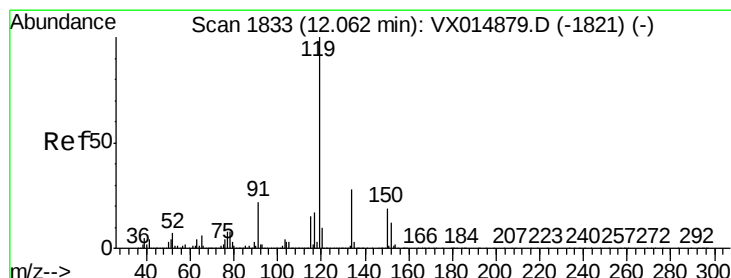
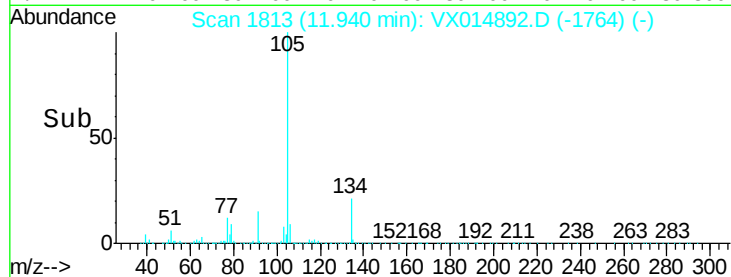
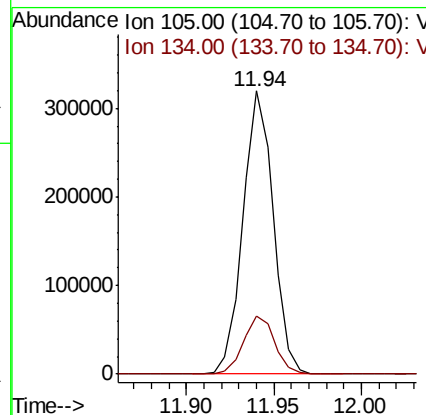
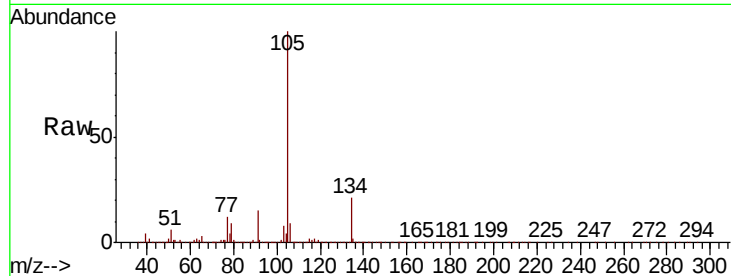
Ion Ratio Lower Upper

105 100

134 21.3 10.6 31.8

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#86

p-Isopropyltoluene

Concen: 19.201 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014892.D

Acq: 10 Feb 2020 16:53

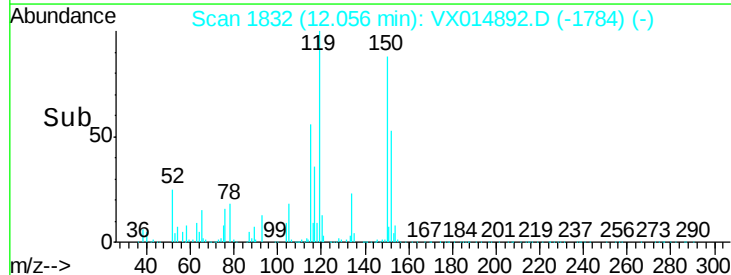
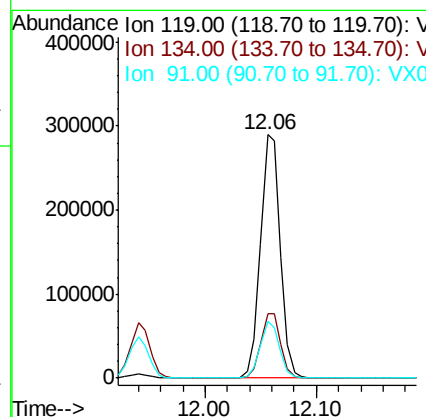
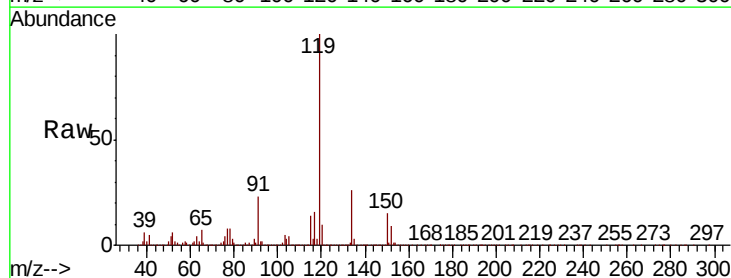
Tgt Ion:119 Resp: 358518

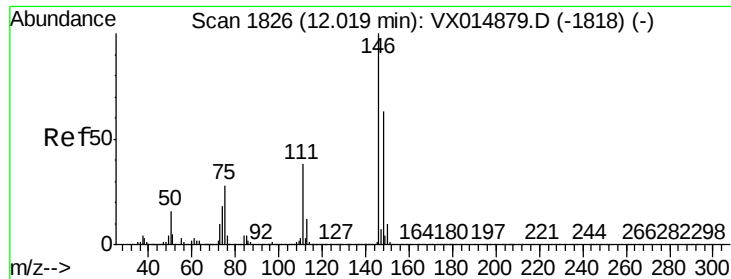
Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.5

91 22.7 11.4 34.1





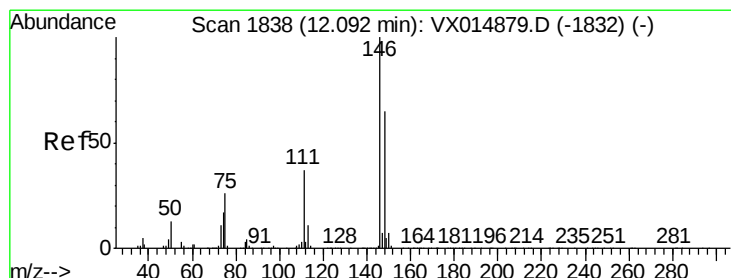
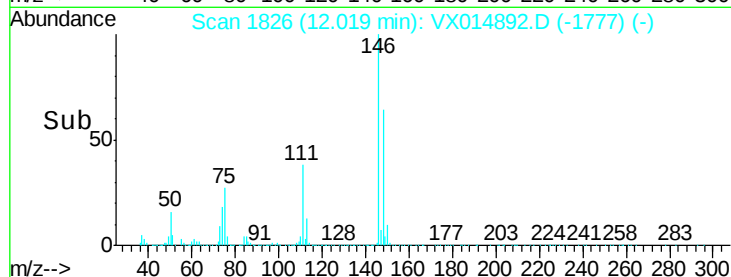
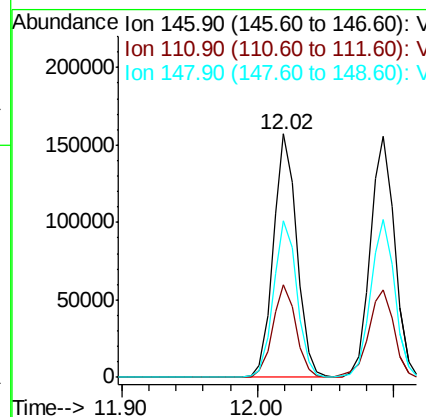
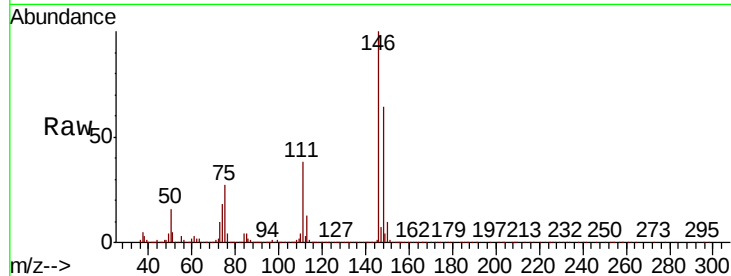
#87
 1,3-Dichlorobenzene
 Concen: 18.649 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014892.D
 Acq: 10 Feb 2020 16:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0210MBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.6	56.0
148	64.4	31.8	95.4

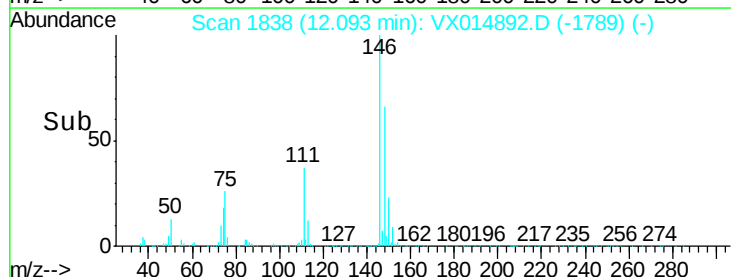
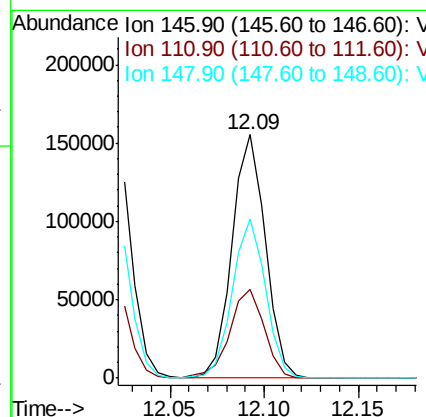
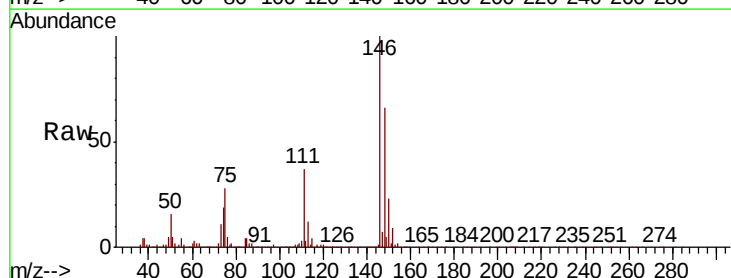
Manual Integrations
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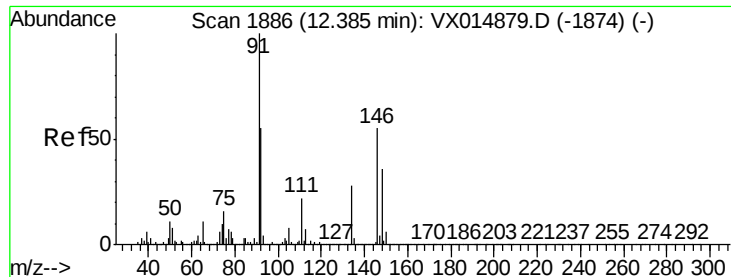
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 2/11/2020 10:35:31 AM



#88
 1,4-Dichlorobenzene
 Concen: 18.309 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014892.D
 Acq: 10 Feb 2020 16:53

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.6	55.6
148	65.4	32.4	97.0





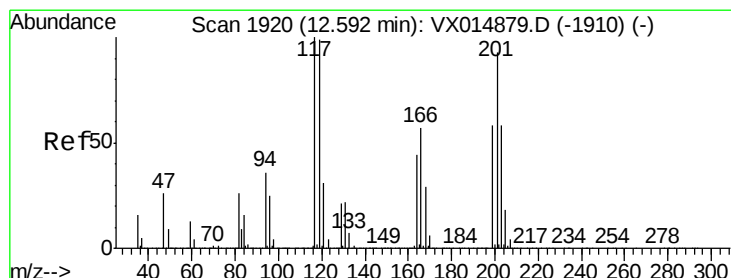
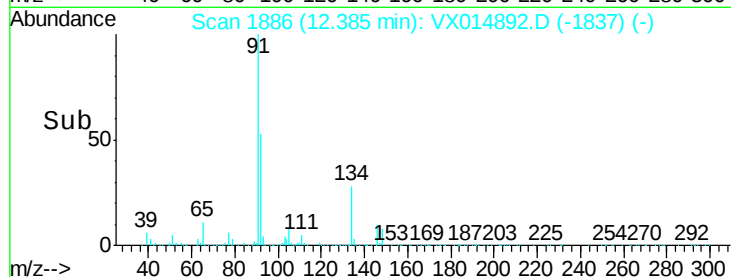
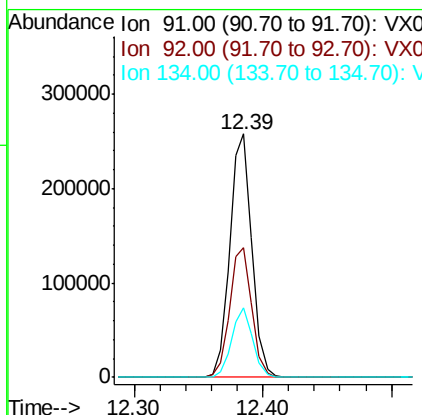
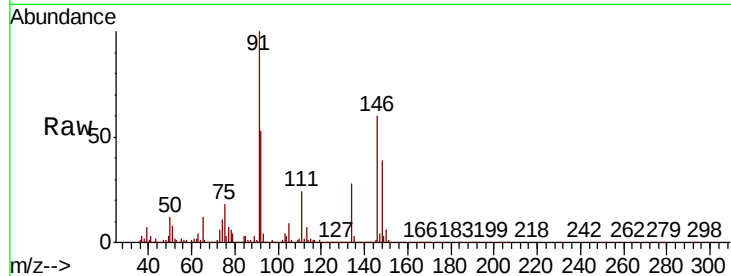
#89
n-Butylbenzene
Concen: 18.388 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014892.D
Acq: 10 Feb 2020 16:53

Instrument :
MSVOA_X
ClientSampleId :
VX0210MBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.0	27.3	81.8
134	27.3	13.8	41.4

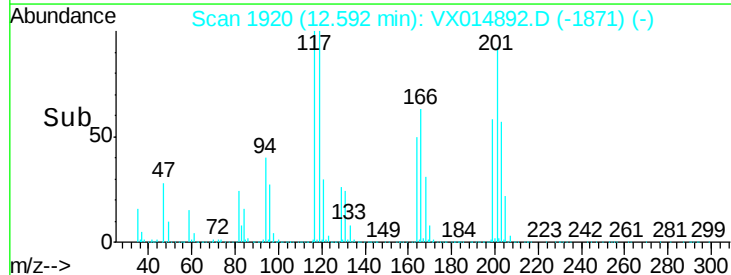
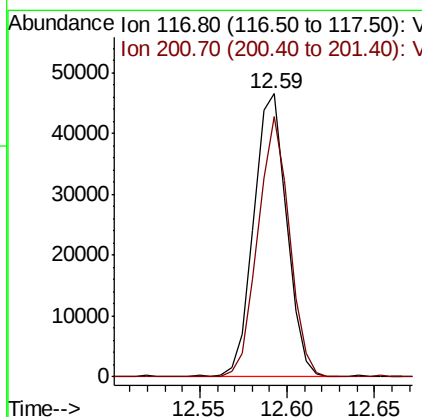
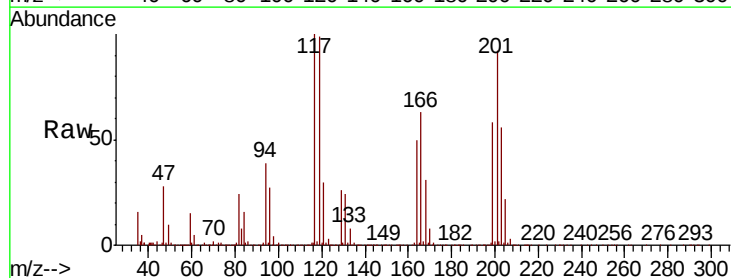
Manual Integrations
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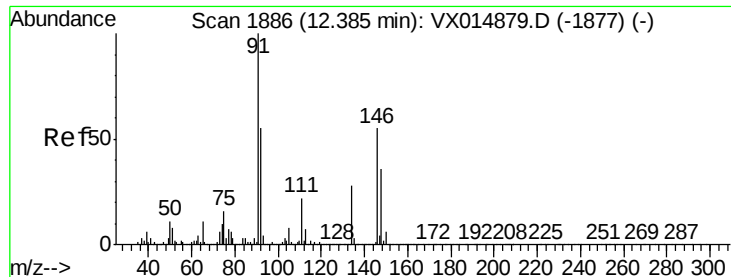
MMDadoda
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#90
Hexachloroethane
Concen: 18.604 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014892.D
Acq: 10 Feb 2020 16:53

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.5	44.8	134.3





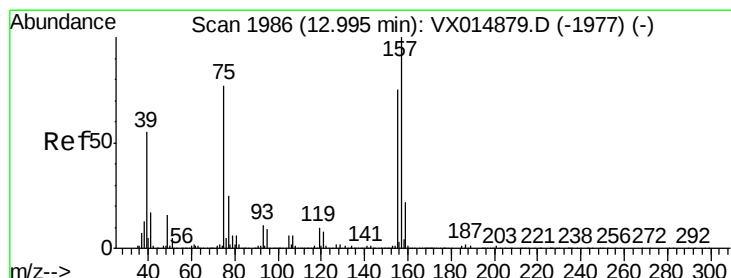
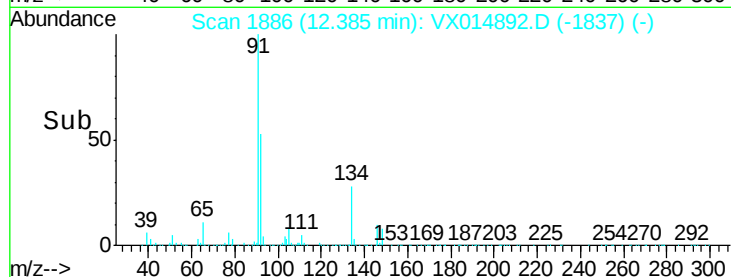
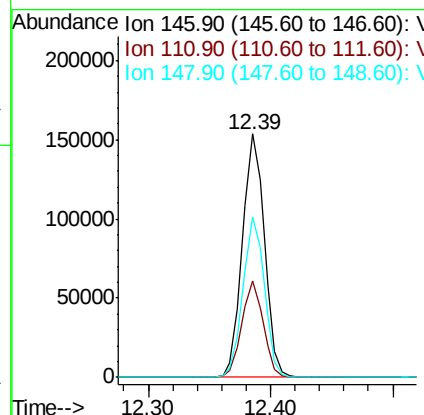
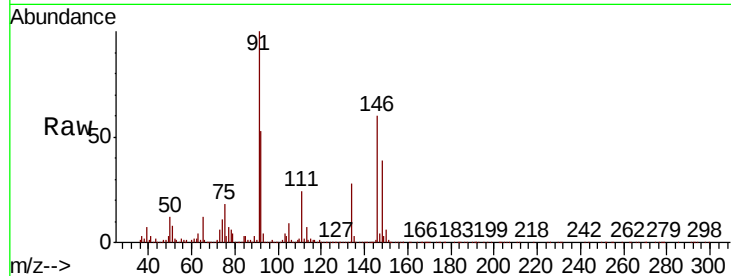
#91
 1,2-Dichlorobenzene
 Concen: 19.108 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014892.D
 Acq: 10 Feb 2020 16:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0210MBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.8	59.3
148	64.1	32.4	97.2

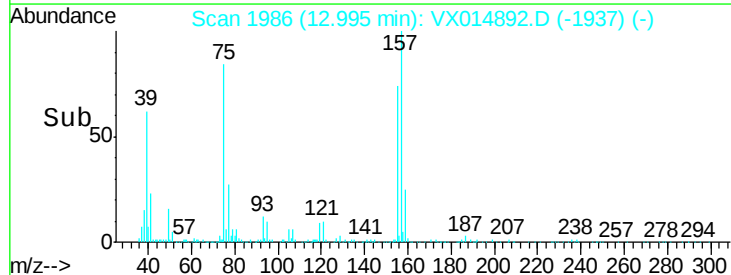
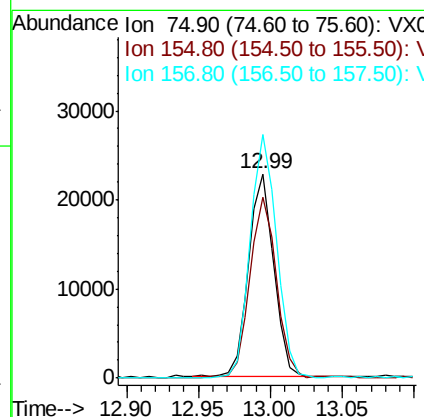
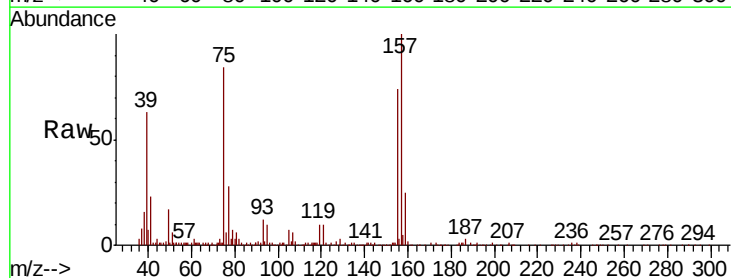
Manual Integrations
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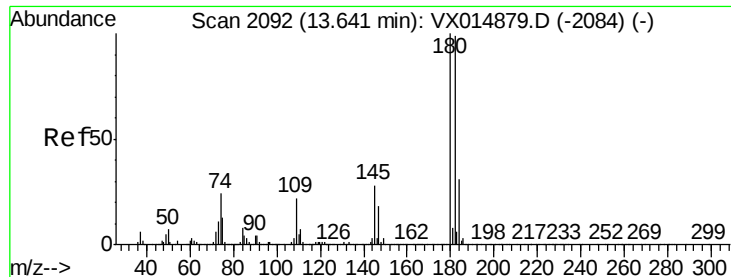
MMDadoda
 2/11/2020 10:35:31 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.749 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014892.D
 Acq: 10 Feb 2020 16:53

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.9	48.6	145.9
157	125.5	62.0	186.0





#93

1,2,4-Trichlorobenzene

Concen: 18.503 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX014892.D

Acq: 10 Feb 2020 16:53

Instrument :

MSVOA_X

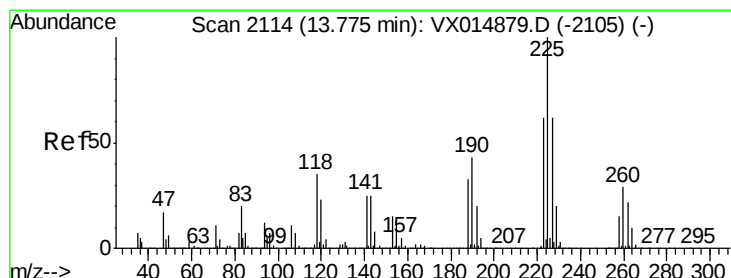
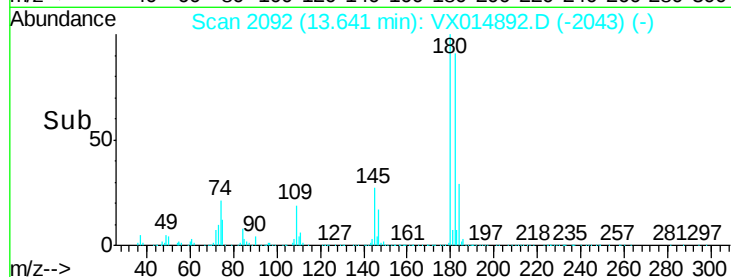
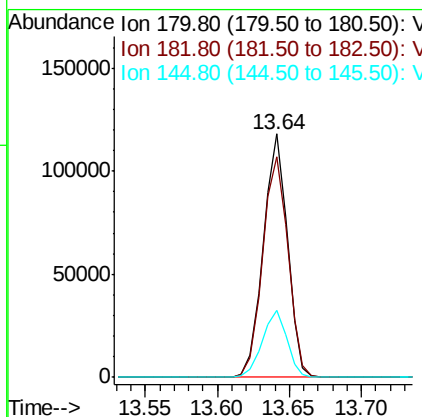
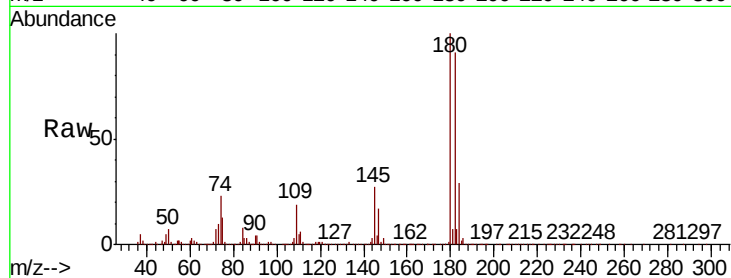
ClientSampleId :

VX0210MBS01

Tot Ion:	180	Resp:	136136
Ion Ratio	Lower	Upper	
180	100		
182	95.5	48.4	145.3
145	28.1	14.1	42.4

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#94

Hexachlorobutadiene

Concen: 18.248 ug/l

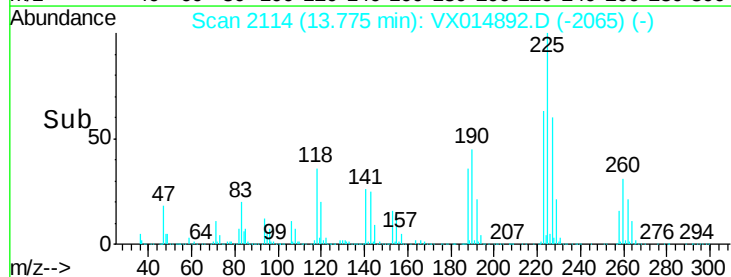
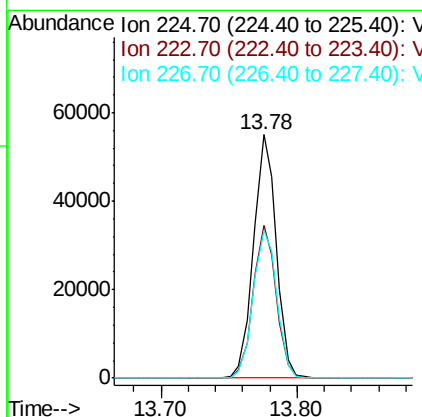
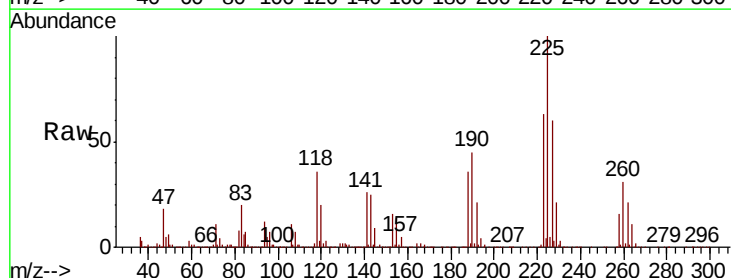
RT: 13.78 min Scan# 2114

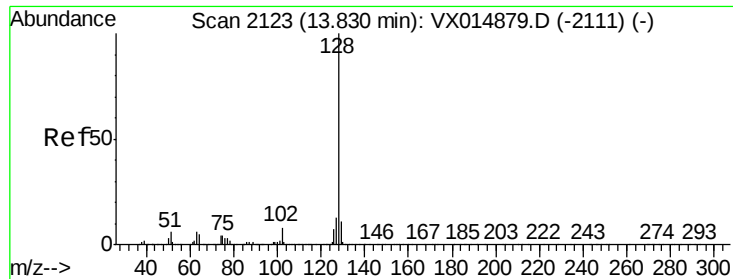
Delta R.T. 0.00 min

Lab File: VX014892.D

Acq: 10 Feb 2020 16:53

Tgt Ion:	225	Resp:	64938
Ion Ratio	Lower	Upper	
225	100		
223	63.3	31.1	93.2
227	63.0	30.9	92.5





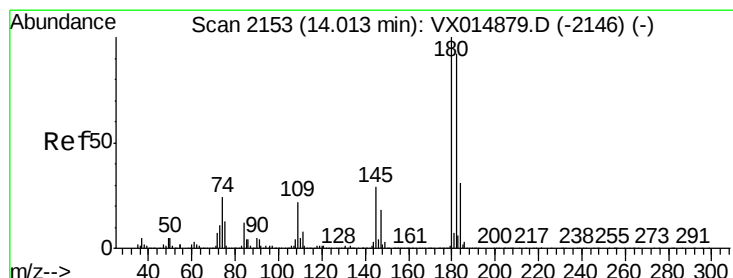
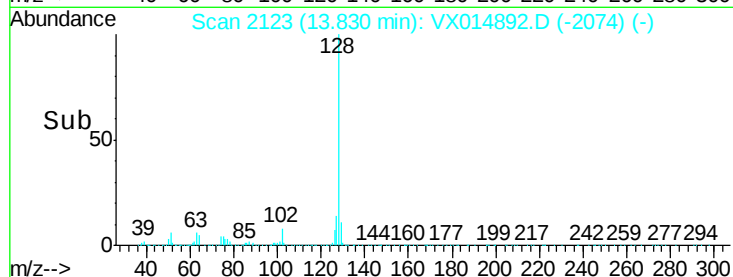
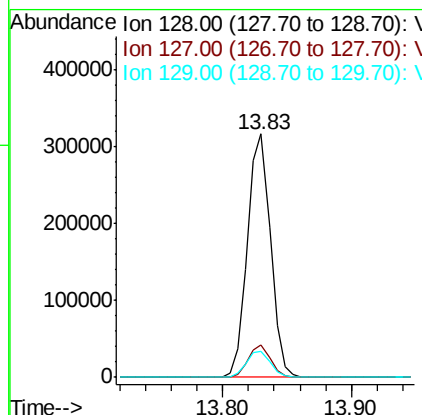
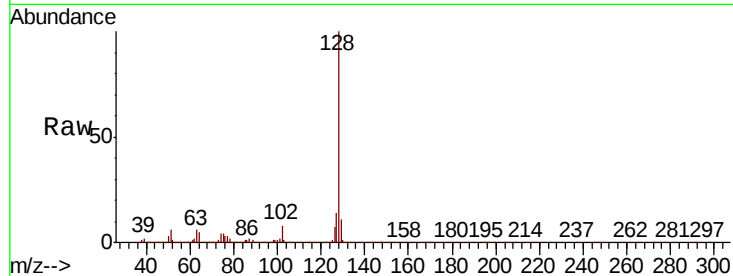
#95
Naphthalene
Concen: 19.888 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014892.D
Acq: 10 Feb 2020 16:53

Instrument :
MSVOA_X
ClientSampleId :
VX0210MBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	11.0	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 18.981 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014892.D
Acq: 10 Feb 2020 16:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.5	142.6
145	29.9	14.5	43.5

