

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX110119\
 Data File : VX013310.D
 Acq On : 01 Nov 2019 14:44
 Operator : JC/SP
 Sample : VX1101WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1101WBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/4/2019 1:30:15 PM

Quant Time: Nov 04 01:20:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	718062	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1094396	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	992488	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	493114	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	421226	49.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.04%	
35) Dibromofluoromethane	5.48	113	340855	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	
50) Toluene-d8	8.71	98	1302696	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	
62) 4-Bromofluorobenzene	11.14	95	452579	48.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.92%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	179186	21.658	ug/l	98
3) Chloromethane	1.31	50	196153	21.863	ug/l	98
4) Vinyl Chloride	1.40	62	224041	21.934	ug/l	99
5) Bromomethane	1.62	94	135536	19.041	ug/l	98
6) Chloroethane	1.72	64	125842	20.858	ug/l	97
7) Trichlorofluoromethane	1.92	101	243961	20.216	ug/l	100
8) Diethyl Ether	2.18	74	112995	21.174	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.37	101	138674	20.617	ug/l	98
10) Methyl Iodide	2.50	142	170298	20.450	ug/l	98
11) Tert butyl alcohol	3.03	59	212065	94.580	ug/l	99
12) 1,1-Dichloroethene	2.36	96	138507	21.028	ug/l	93
13) Acrolein	2.28	56	109282	89.930	ug/l	96
14) Allyl chloride	2.72	41	245874	20.545	ug/l	99
15) Acrylonitrile	3.13	53	432823	103.341	ug/l	99
16) Acetone	2.43	43	410505	96.746	ug/l	98
17) Carbon Disulfide	2.56	76	364750	20.690	ug/l	98
18) Methyl Acetate	2.76	43	243467	20.784	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	462384	21.047	ug/l	98
20) Methylene Chloride	2.84	84	162099	20.677	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	150581	20.997	ug/l	99
22) Diisopropyl ether	3.84	45	501727	21.715	ug/l #	88
23) Vinyl Acetate	3.80	43	2069525	104.675	ug/l	100
24) 1,1-Dichloroethane	3.69	63	274966	21.274	ug/l	99
25) 2-Butanone	4.65	43	630591	101.304	ug/l	98
26) 2,2-Dichloropropane	4.57	77	198477	19.303	ug/l	95
27) cis-1,2-Dichloroethene	4.58	96	169980	21.158	ug/l	99
28) Bromochloromethane	5.00	49	78980	21.521	ug/l	97
29) Tetrahydrofuran	5.11	42	398048	103.768	ug/l	100
30) Chloroform	5.20	83	270326	21.181	ug/l	96
31) Cyclohexane	5.57	56	243312	20.920	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	226825	20.651	ug/l	99
36) 1,1-Dichloropropene	5.79	75	201213	21.432	ug/l	99
37) Ethyl Acetate	4.82	43	235752	20.321	ug/l	99
38) Carbon Tetrachloride	5.78	117	193059	21.028	ug/l	96

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 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
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 ClientSampleID :
 VX1101WBSD01

Manual Integrations
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 11/4/2019 1:30:15 PM

Quant Time: Nov 04 01:20:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	244601	20.909	ug/l	97
40) Benzene	6.13	78	616093	21.066	ug/l	98
41) Methacrylonitrile	5.03	41	130601	20.085	ug/l	99
42) 1,2-Dichloroethane	6.18	62	223614	21.198	ug/l	100
43) Isopropyl Acetate	6.43	43	372932	20.644	ug/l	99
44) Trichloroethene	7.20	130	164251	20.403	ug/l	96
45) 1,2-Dichloropropane	7.51	63	159821	21.448	ug/l	98
46) Dibromomethane	7.65	93	103260	20.296	ug/l	97
47) Bromodichloromethane	7.89	83	206620	21.537	ug/l	93
48) Methyl methacrylate	7.76	41	188649	20.920	ug/l	99
49) 1,4-Dioxane	7.73	88	82328	398.656	ug/l	94
51) 4-Methyl-2-Pentanone	8.64	43	1226174	103.455	ug/l	99
52) Toluene	8.78	92	386526	21.325	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	213539	20.355	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	239973	20.449	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	159429	21.220	ug/l	96
56) Ethyl methacrylate	9.17	69	243711	19.970	ug/l	98
57) 1,3-Dichloropropane	9.37	76	267953	21.010	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	511487	99.569	ug/l	99
59) 2-Hexanone	9.48	43	933403	101.910	ug/l	100
60) Dibromochloromethane	9.57	129	158640	20.646	ug/l	100
61) 1,2-Dibromoethane	9.67	107	169721	21.274	ug/l	99
64) Tetrachloroethene	9.33	164	150550	21.190	ug/l	96
65) Chlorobenzene	10.14	112	417258	20.766	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	153478	20.803	ug/l	99
67) Ethyl Benzene	10.24	91	735701	21.215	ug/l	100
68) m/p-Xylenes	10.35	106	557016	42.471	ug/l	99
69) o-Xylene	10.70	106	267916	20.865	ug/l	98
70) Styrene	10.71	104	456388	21.263	ug/l	100
71) Bromoform	10.85	173	117040	19.216	ug/l #	98
73) Isopropylbenzene	11.01	105	719431	22.005	ug/l	100
74) N-amyl acetate	10.89	43	324906	21.430	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	252402	21.162	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	200440m	20.012	ug/l	
77) Bromobenzene	11.25	156	190291	21.833	ug/l	98
78) n-propylbenzene	11.35	91	799550	21.954	ug/l	99
79) 2-Chlorotoluene	11.42	91	476596	21.720	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	603041	22.144	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	73221	18.817	ug/l	94
82) 4-Chlorotoluene	11.51	91	550710	21.440	ug/l	100
83) tert-Butylbenzene	11.77	119	598891	21.847	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	612296	22.413	ug/l	100
85) sec-Butylbenzene	11.94	105	685202	21.748	ug/l	99
86) p-Isopropyltoluene	12.06	119	640172	22.066	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	318791	20.519	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	332204	20.987	ug/l	99
89) n-Butylbenzene	12.38	91	527265	20.828	ug/l	99
90) Hexachloroethane	12.59	117	106303	20.565	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	328141	21.130	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	53933	18.560	ug/l	99

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1101WBSD01

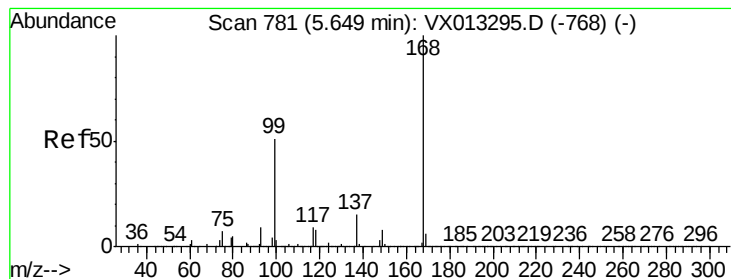
Manual Integrations
APPROVED

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11/4/2019 1:30:15 PM

Quant Time: Nov 04 01:20:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 02 07:06:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	221357	20.434	ug/l	99
94) Hexachlorobutadiene	13.77	225	107501	20.284	ug/l	99
95) Naphthalene	13.83	128	720130	21.188	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	228046	20.991	ug/l	100

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



#1

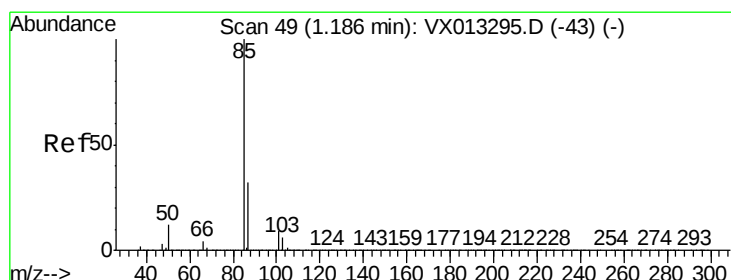
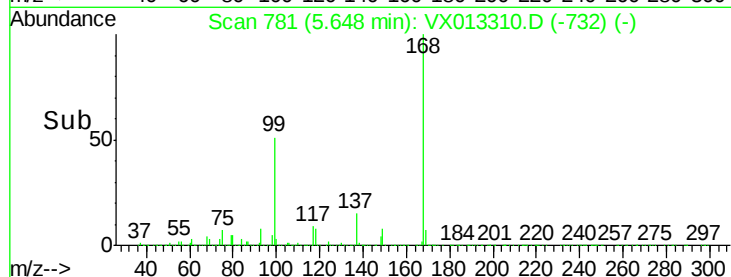
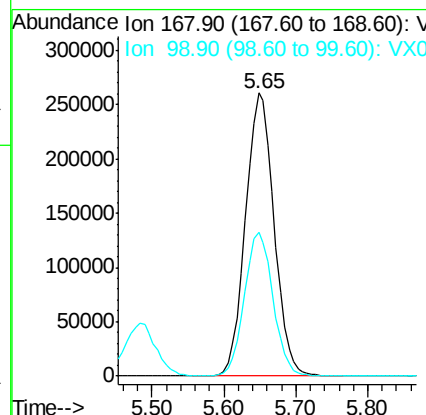
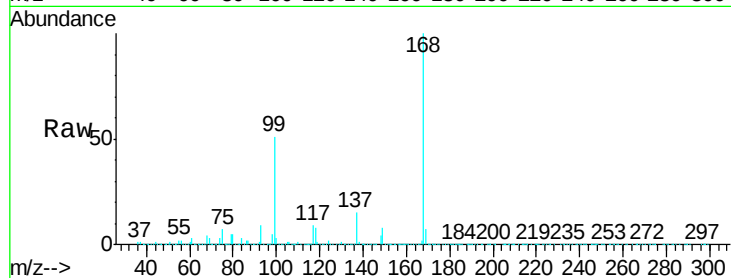
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.00 min
Lab File: VX013310.D
Acq: 01 Nov 2019 14:44

Instrument :
MSVOA_X
ClientSampleId :
VX1101WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	718062		
99	50.5	40.8	61.2	

Manual Integrations
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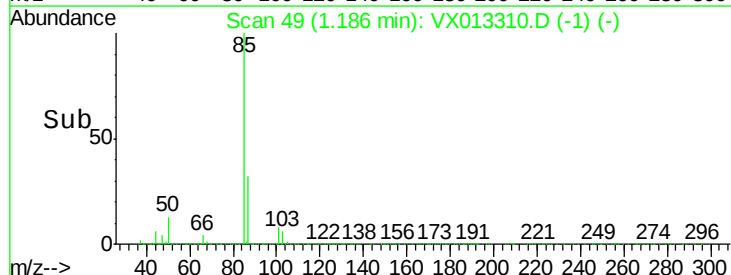
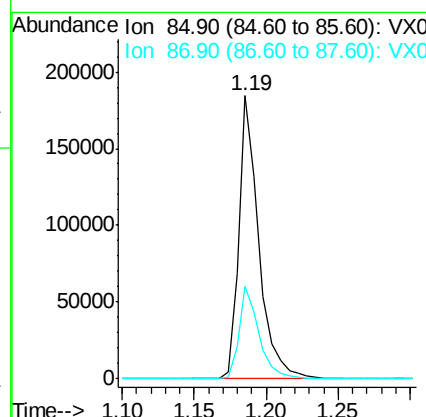
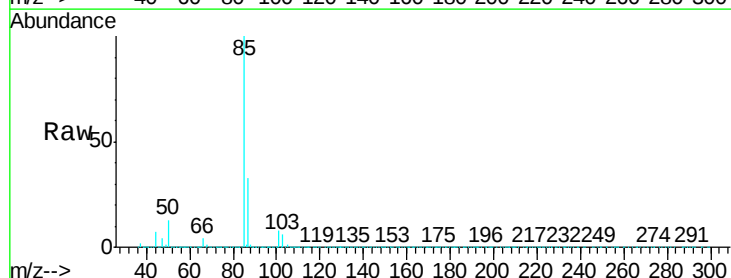
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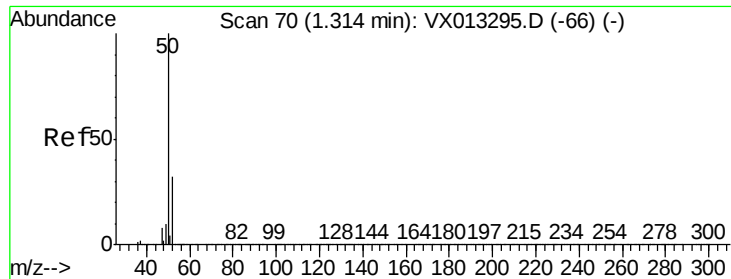


#2

Dichlorodifluoromethane
Concen: 21.658 ug/l
RT: 1.19 min Scan# 49
Delta R.T. -0.00 min
Lab File: VX013310.D
Acq: 01 Nov 2019 14:44

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	179186		
87	32.6	15.9	47.6	





#3

Chloromethane

Concen: 21.863 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX013310.D

Acq: 01 Nov 2019 14:44

Instrument :

MSVOA_X

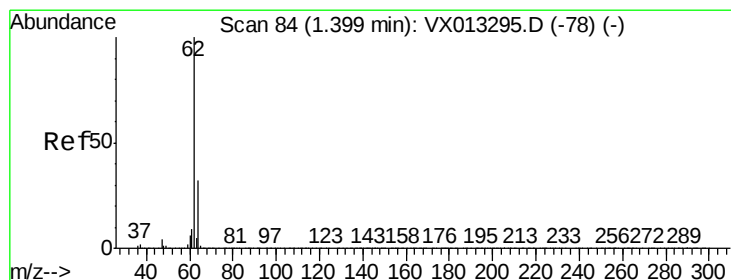
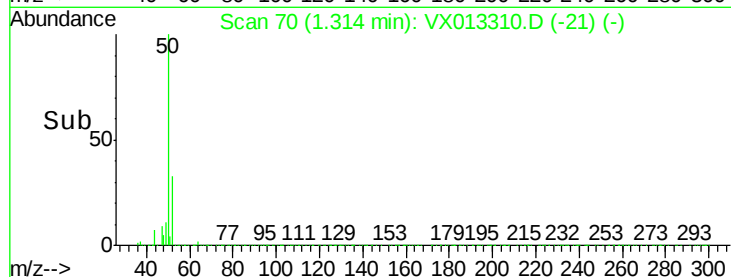
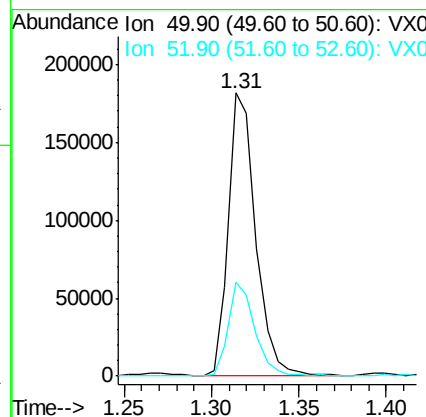
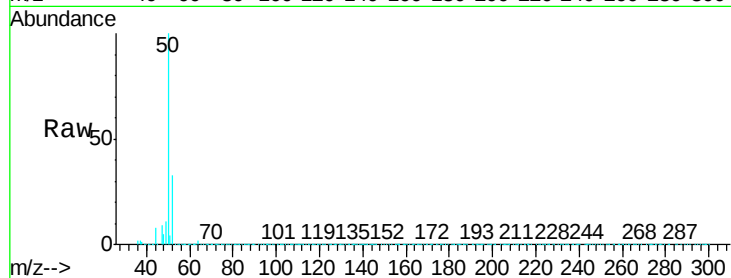
ClientSampleId :

VX1101WBSD01

Tgt Ion	Ratio	Lower	Upper
50	100		
52	33.0	25.5	38.3

Manual Integrations
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#4

Vinyl Chloride

Concen: 21.934 ug/l

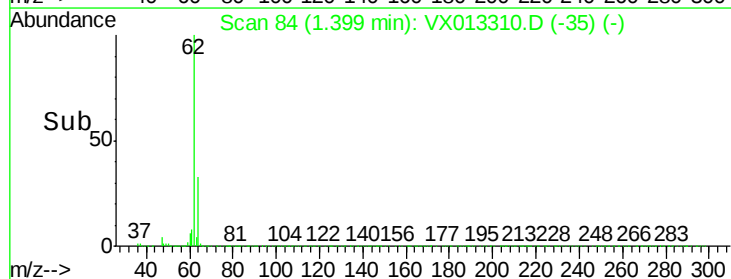
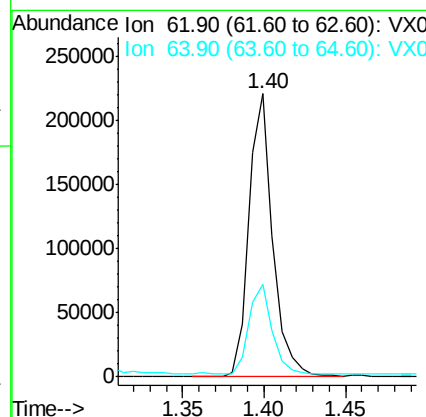
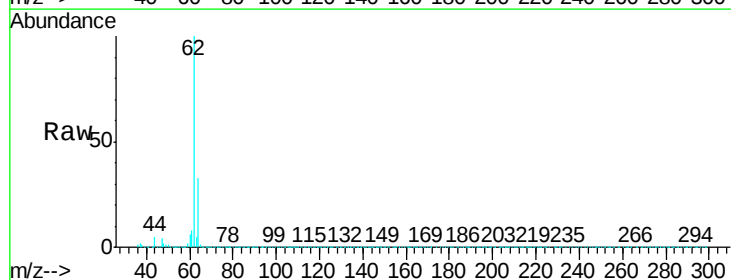
RT: 1.40 min Scan# 84

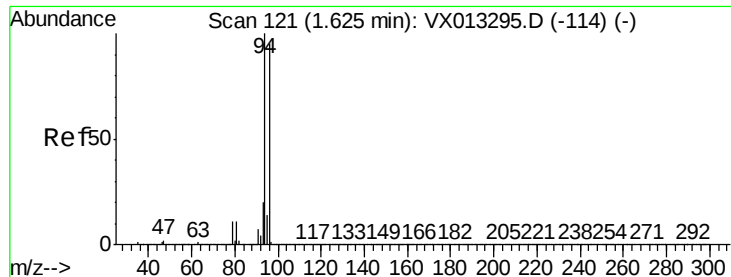
Delta R.T. -0.00 min

Lab File: VX013310.D

Acq: 01 Nov 2019 14:44

Tgt Ion	Ratio	Lower	Upper
62	100		
64	31.7	25.6	38.4





#5

Bromomethane

Concen: 19.041 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX013310.D

Acq: 01 Nov 2019 14:44

Instrument :

MSVOA_X

ClientSampleId :

VX1101WBSD01

Tgt Ion: 94 Resp: 135536

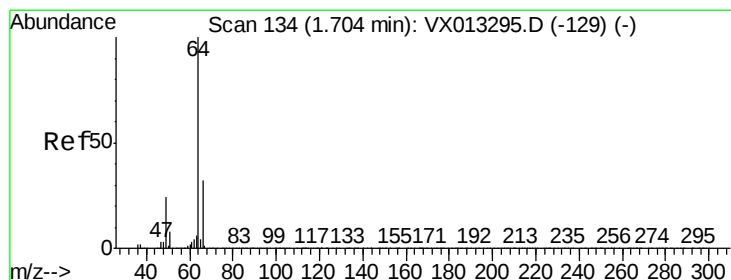
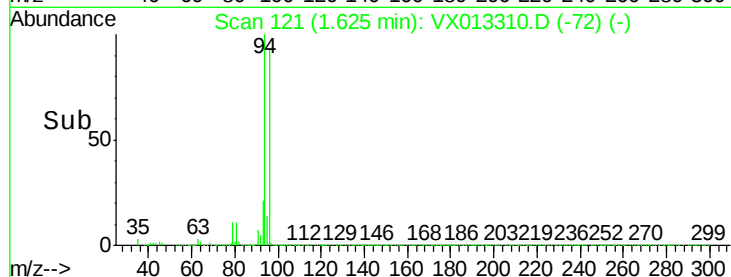
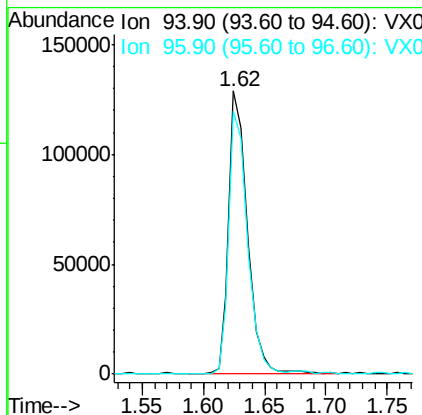
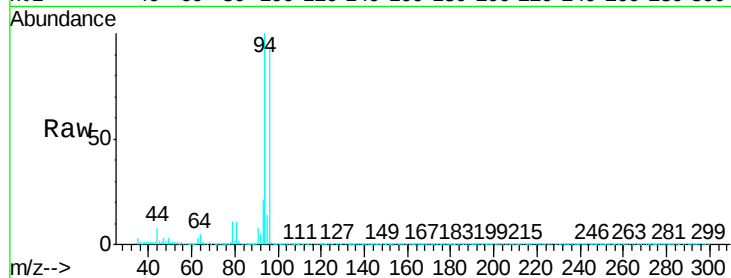
Ion Ratio Lower Upper

94 100

96 92.8 75.8 113.8

Manual Integrations
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#6

Chloroethane

Concen: 20.858 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013310.D

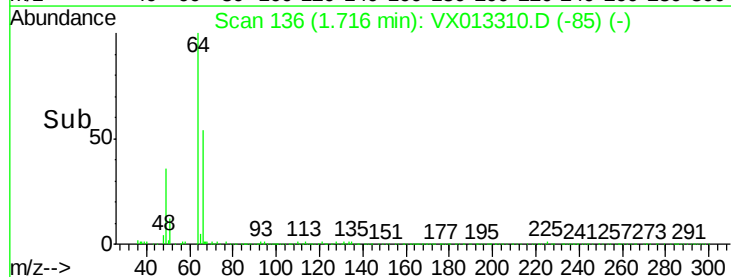
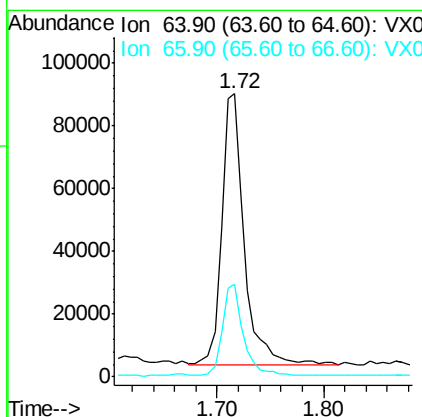
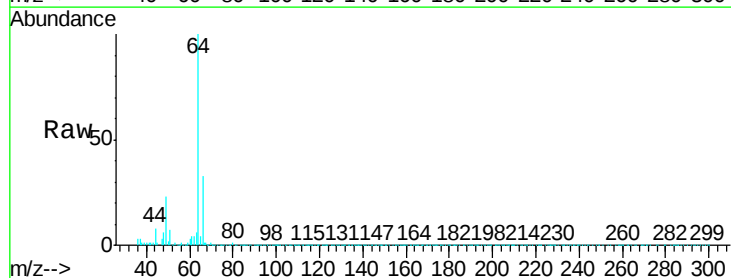
Acq: 01 Nov 2019 14:44

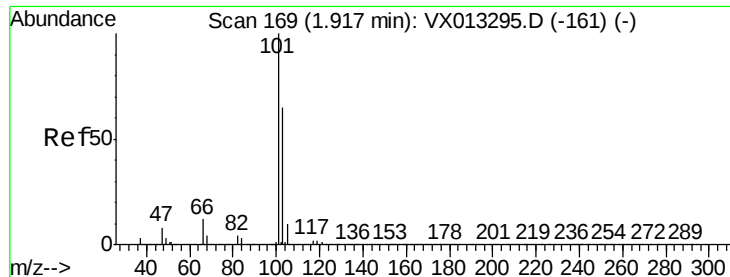
Tgt Ion: 64 Resp: 125842

Ion Ratio Lower Upper

64 100

66 33.6 25.6 38.4





#7

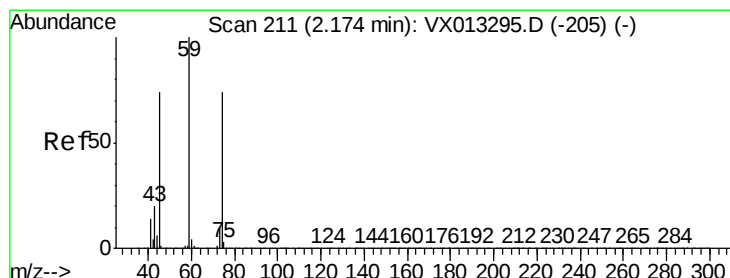
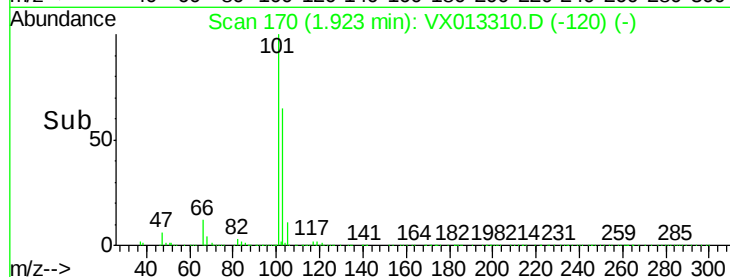
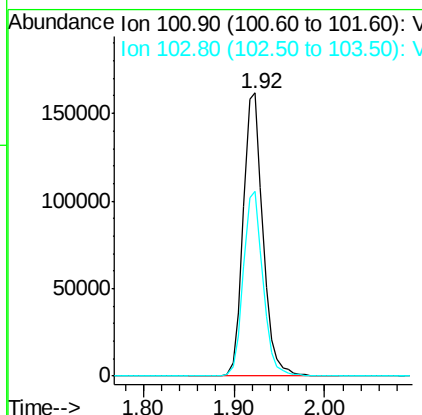
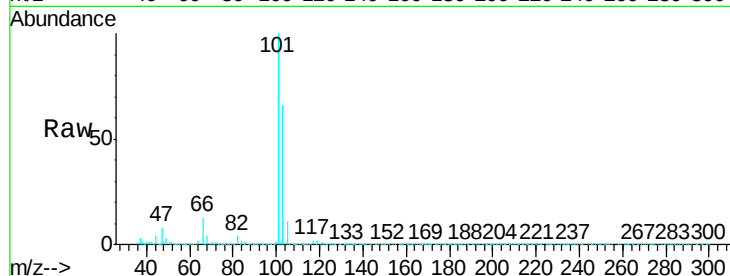
Trichlorofluoromethane
Concen: 20.216 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX013310.D
Acq: 01 Nov 2019 14:44

Instrument :
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ClientSampleId :
VX1101WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	243961		
103	65.4	52.3	78.5	

Manual Integrations
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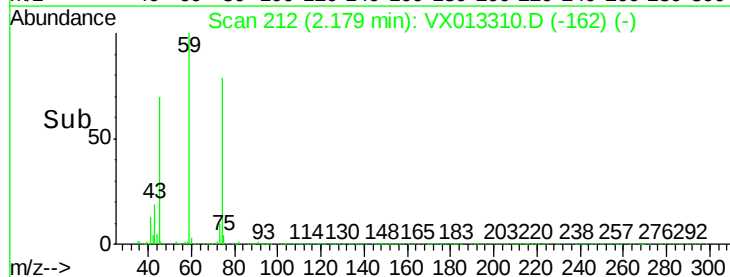
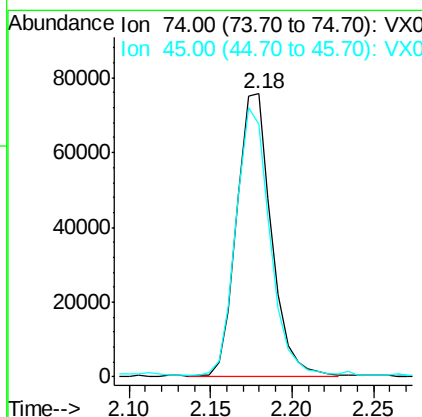
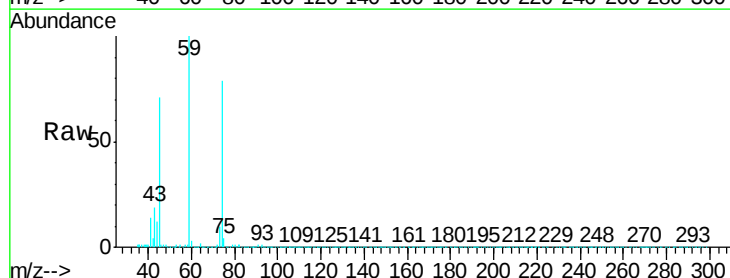
MMDadoda
11/4/2019 1:30:15 PM

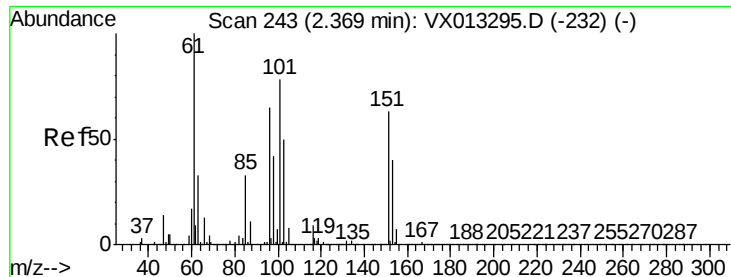


#8

Diethyl Ether
Concen: 21.174 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.01 min
Lab File: VX013310.D
Acq: 01 Nov 2019 14:44

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	112995		
45	91.4	48.5	145.6	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.617 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX013310.D

Acq: 01 Nov 2019 14:44

Instrument :

MSVOA_X

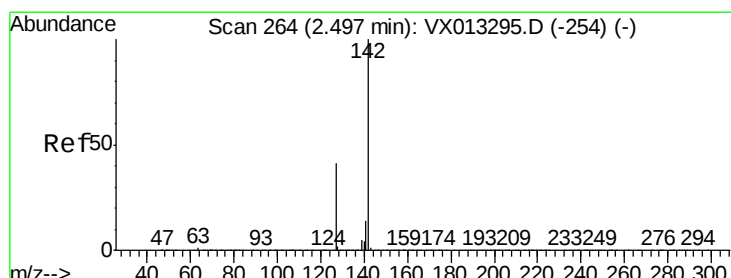
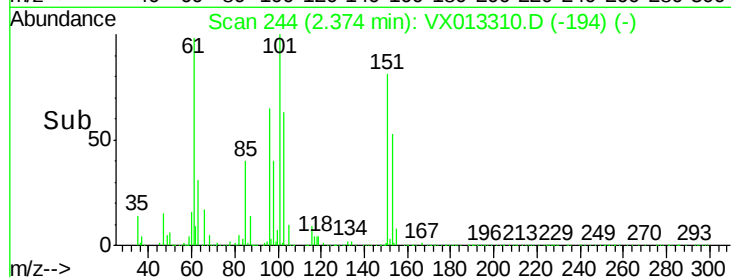
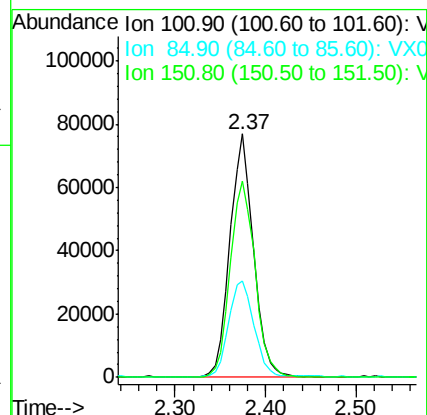
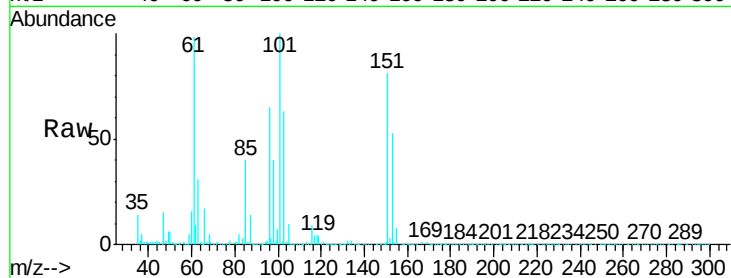
ClientSampleId :

VX1101WBSD01

Tgt Ion:	101	Resp:	138674
Ion Ratio	Lower	Upper	
101	100		
85	42.9	34.4	51.6
151	85.4	66.4	99.6

Manual Integrations
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#10

Methyl Iodide

Concen: 20.450 ug/l

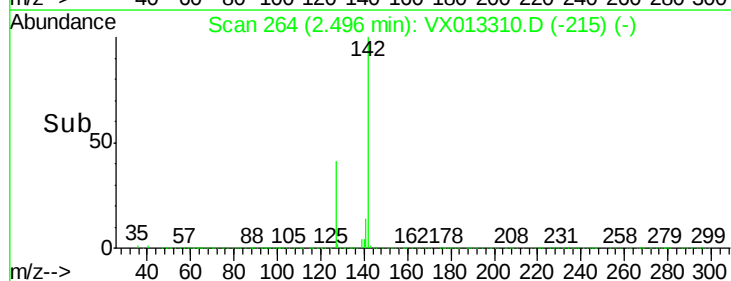
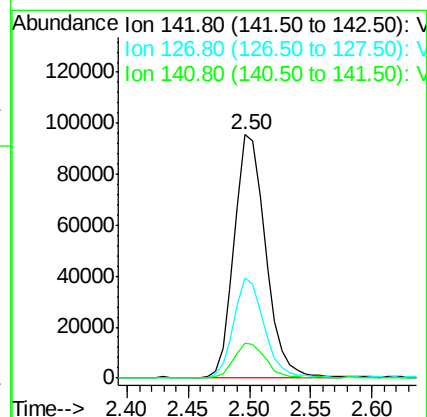
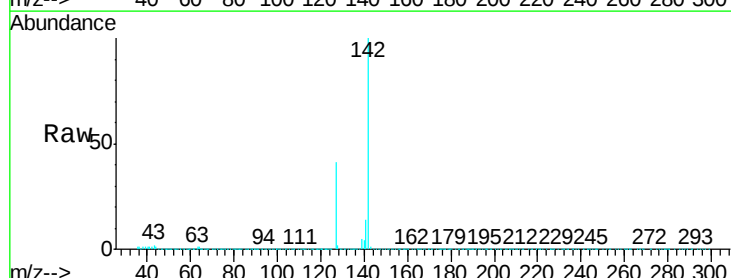
RT: 2.50 min Scan# 264

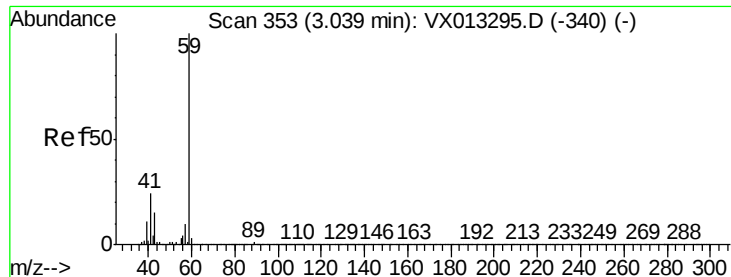
Delta R.T. -0.00 min

Lab File: VX013310.D

Acq: 01 Nov 2019 14:44

Tgt Ion:	142	Resp:	170298
Ion Ratio	Lower	Upper	
142	100		
127	39.6	32.6	49.0
141	14.0	11.6	17.4





#11

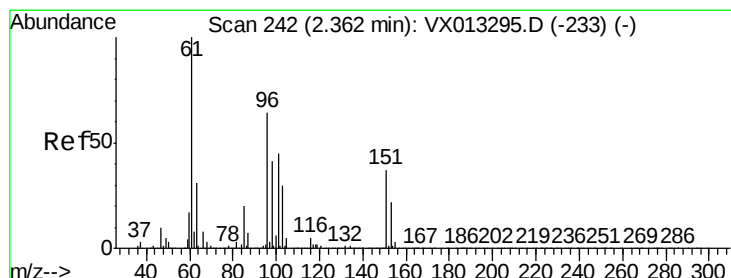
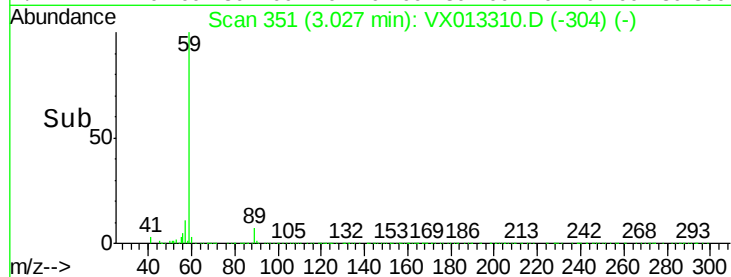
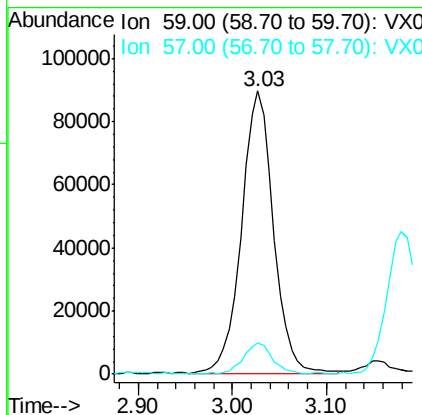
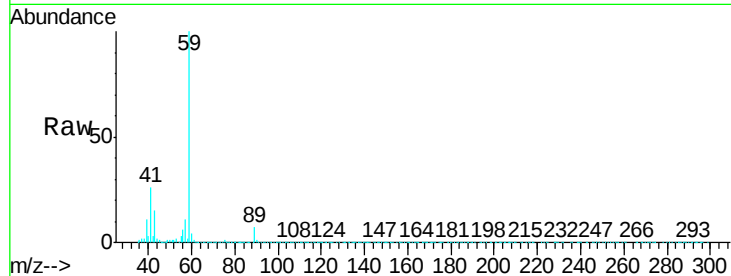
Tert butyl alcohol
Concen: 94.580 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX013310.D
Acq: 01 Nov 2019 14:44

Instrument :
MSVOA_X
ClientSampleId :
VX1101WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
59	100	212065		
57	9.4	8.0	12.0	

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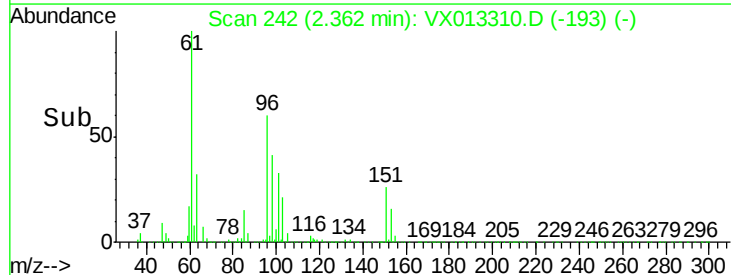
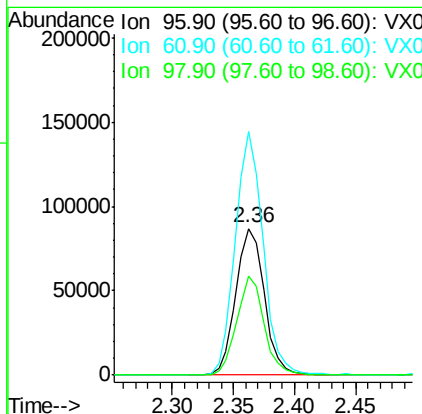
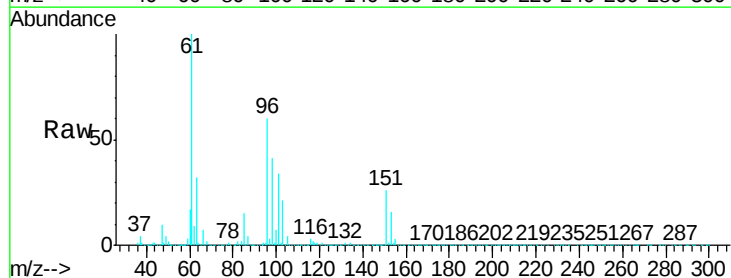
MMDadoda
11/4/2019 1:30:15 PM

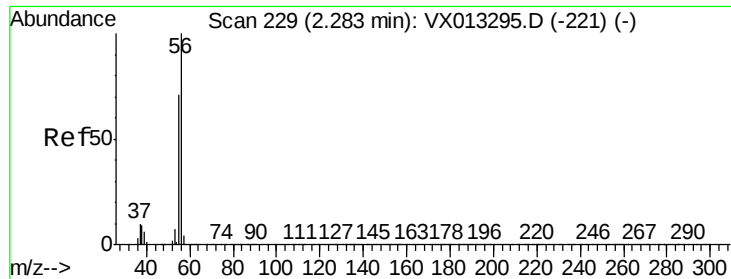


#12

1,1-Dichloroethene
Concen: 21.028 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013310.D
Acq: 01 Nov 2019 14:44

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	138507		
61	166.1	125.0	187.6	
98	67.4	50.7	76.1	





#13

Acrolein

Concen: 89.930 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013310.D

Acq: 01 Nov 2019 14:44

Instrument :

MSVOA_X

ClientSampleId :

VX1101WBSD01

Tgt Ion: 56 Resp: 109282

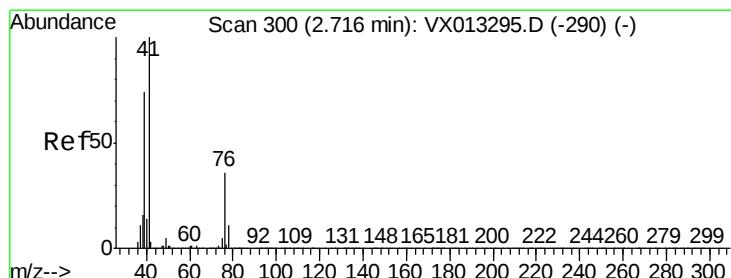
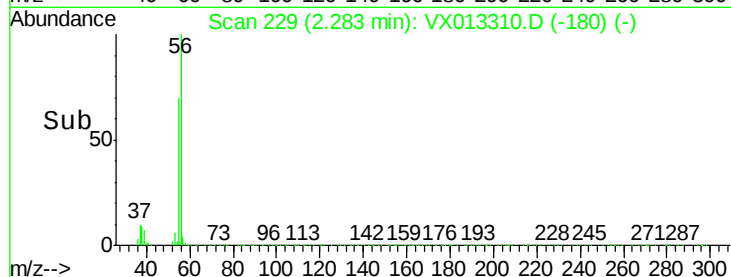
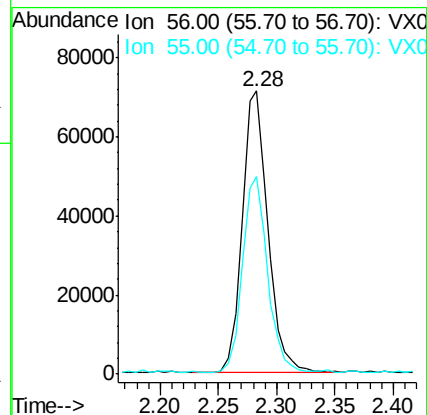
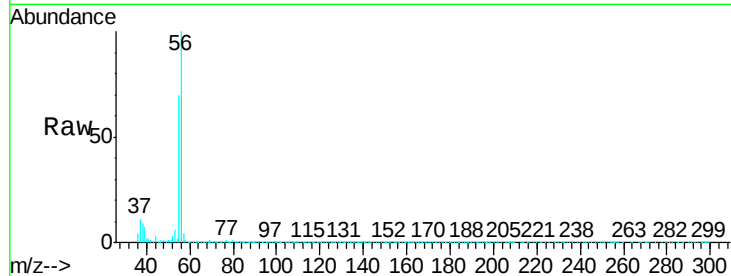
Ion Ratio Lower Upper

56 100

55 68.5 57.4 86.0

Manual Integrations
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#14

Allyl chloride

Concen: 20.545 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013310.D

Acq: 01 Nov 2019 14:44

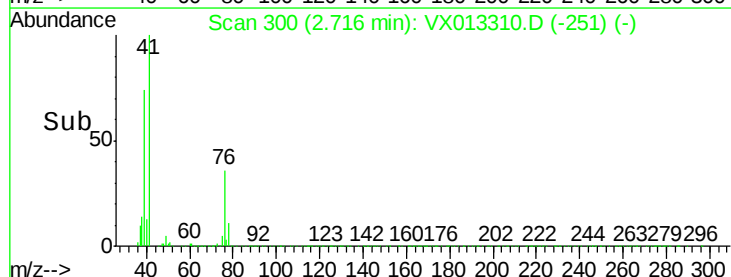
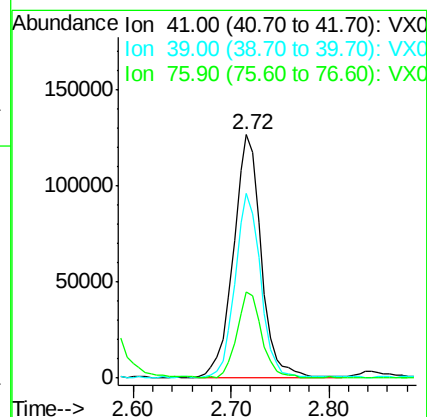
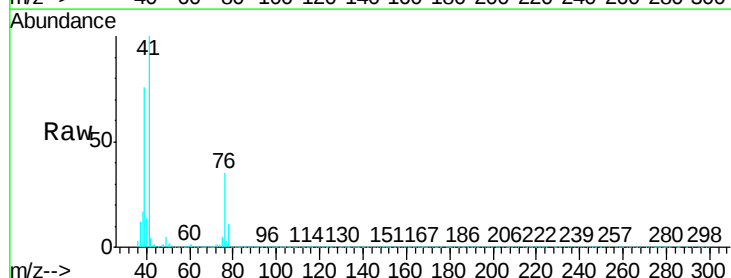
Tgt Ion: 41 Resp: 245874

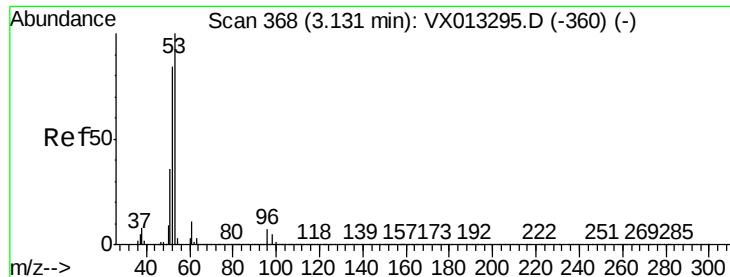
Ion Ratio Lower Upper

41 100

39 69.6 55.8 83.8

76 31.5 26.4 39.6





#15

Acrylonitrile

Concen: 103.341 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013310.D

Acq: 01 Nov 2019 14:44

Instrument :

MSVOA_X

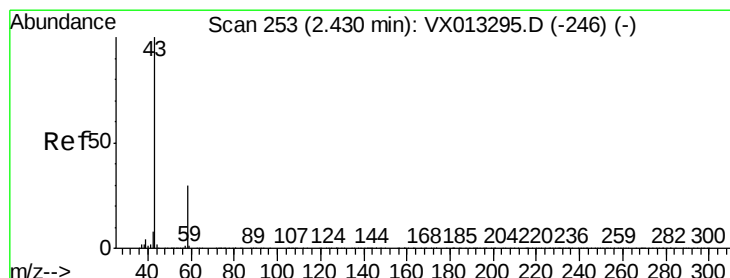
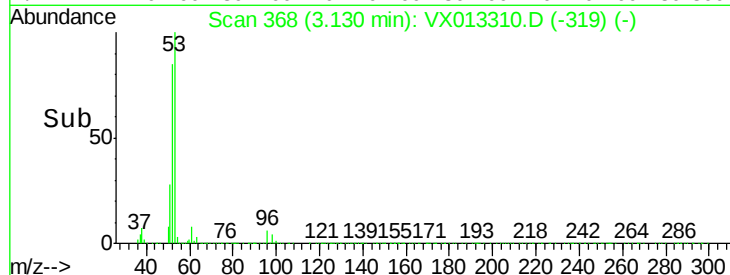
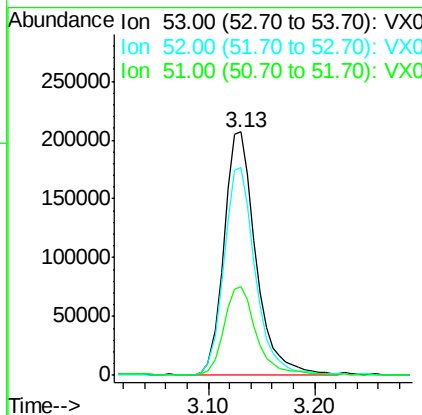
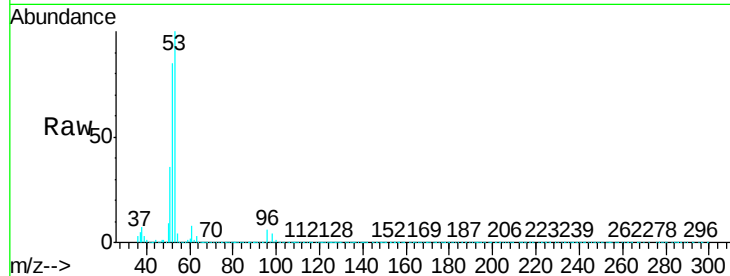
ClientSampleId :

VX1101WBSD01

Tgt Ion:	53	Resp:	432823
Ion	Ratio	Lower	Upper
53	100		
52	84.0	67.4	101.0
51	37.7	29.4	44.2

Manual Integrations
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#16

Acetone

Concen: 96.746 ug/l

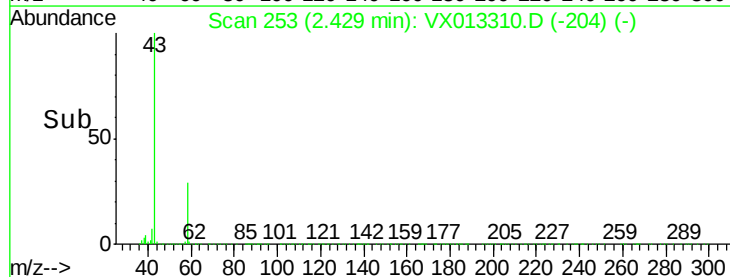
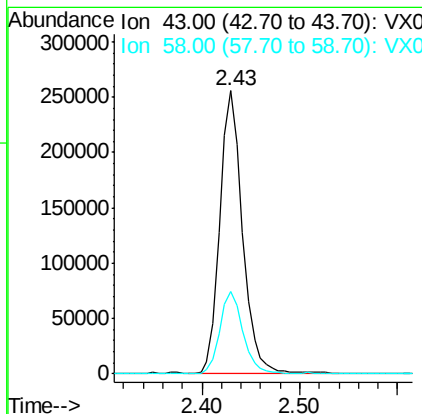
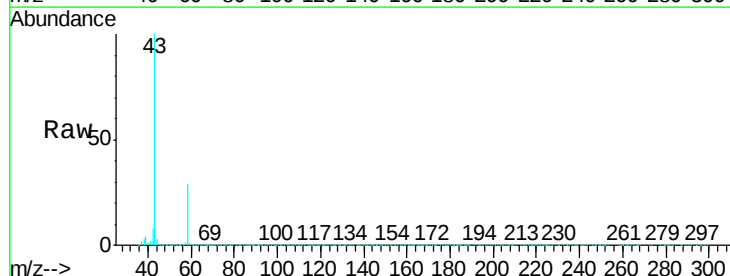
RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX013310.D

Acq: 01 Nov 2019 14:44

Tgt Ion:	43	Resp:	410505
Ion	Ratio	Lower	Upper
43	100		
58	29.1	24.3	36.5





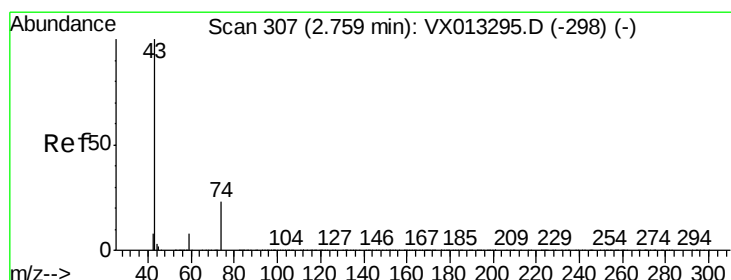
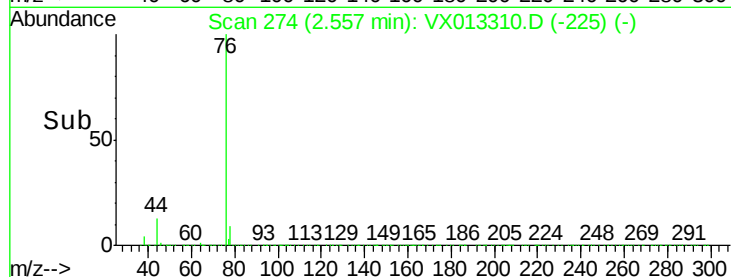
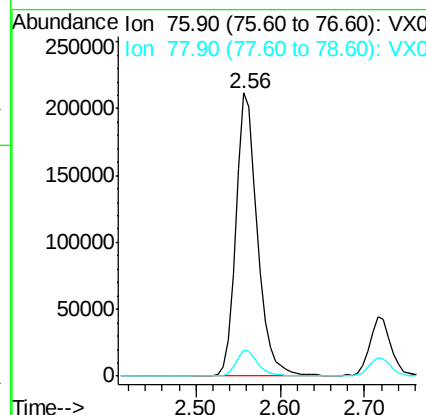
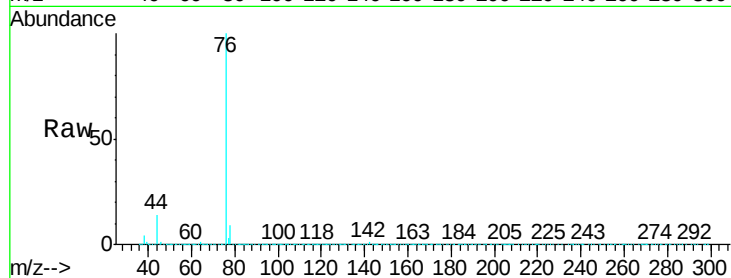
#17
Carbon Disulfide
Concen: 20.690 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.00 min
Lab File: VX013310.D
Acq: 01 Nov 2019 14:44

Instrument :
MSVOA_X
ClientSampleId :
VX1101WBSD01

Tgt Ion: 76 Resp: 364750
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.6

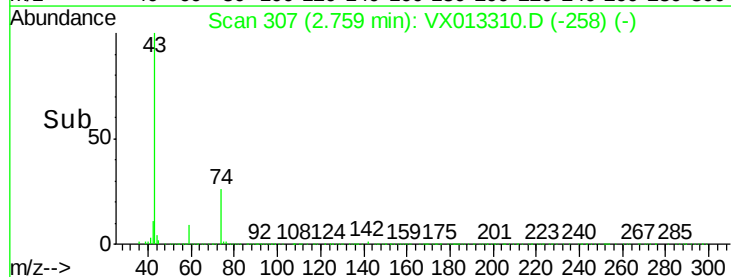
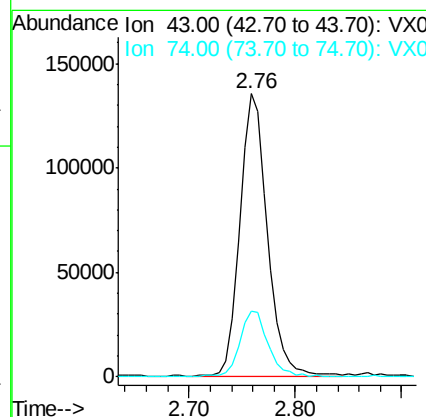
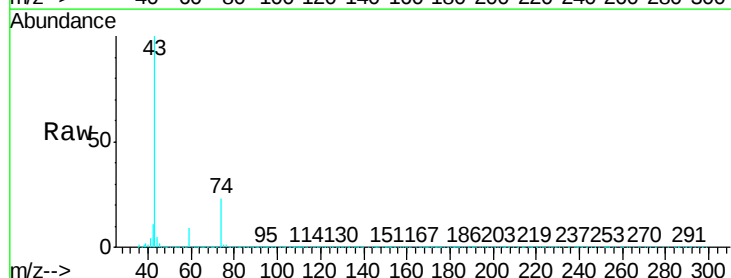
Manual Integrations
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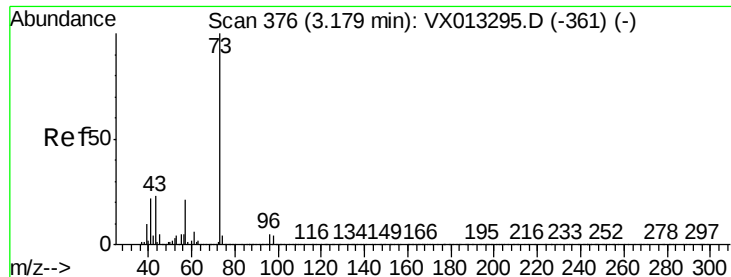
MMDadoda
11/4/2019 1:30:15 PM



#18
Methyl Acetate
Concen: 20.784 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.00 min
Lab File: VX013310.D
Acq: 01 Nov 2019 14:44

Tgt Ion: 43 Resp: 243467
Ion Ratio Lower Upper
43 100
74 23.9 19.0 28.6





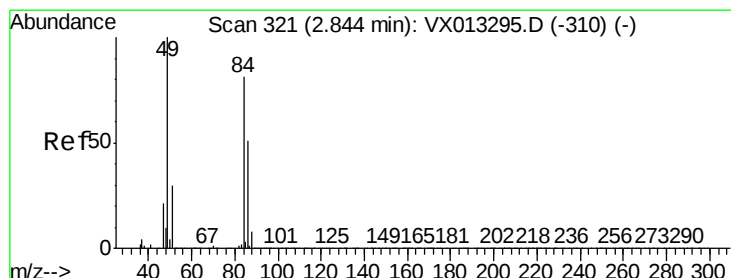
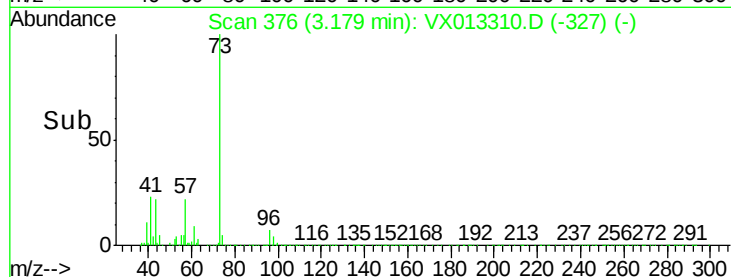
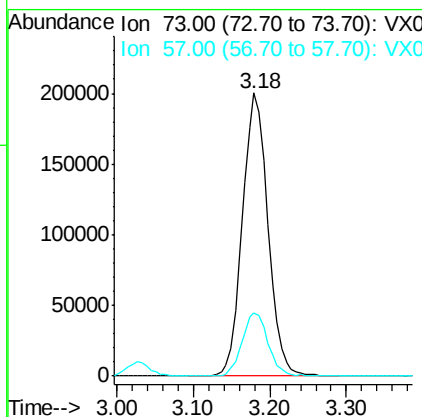
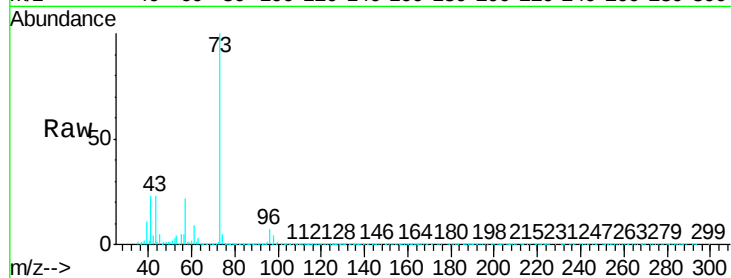
#19
Methyl tert-butyl Ether
Concen: 21.047 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX013310.D
Acq: 01 Nov 2019 14:44

Instrument :
MSVOA_X
ClientSampleId :
VX1101WBSD01

Tgt Ion	Ratio	Lower	Upper
73	100		
57	22.3	17.1	25.7

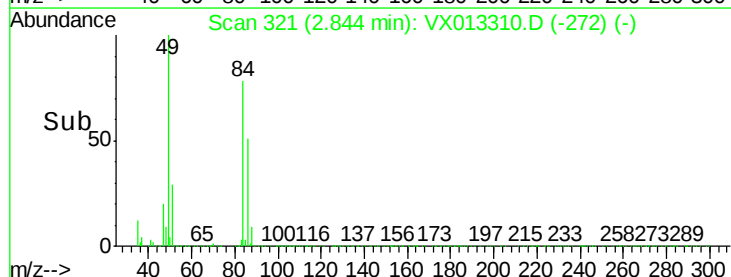
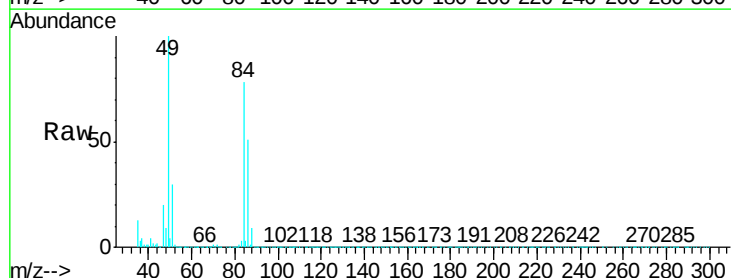
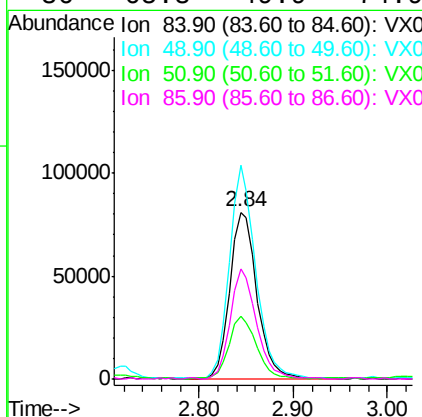
Manual Integrations
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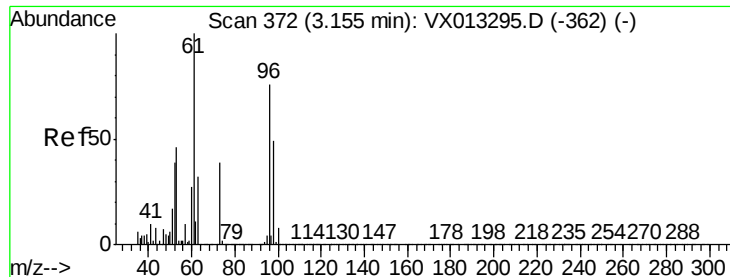
MMDadoda
11/4/2019 1:30:15 PM



#20
Methylene Chloride
Concen: 20.677 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX013310.D
Acq: 01 Nov 2019 14:44

Tgt Ion	Ratio	Lower	Upper
84	100		
49	128.0	98.2	147.4
51	37.6	29.9	44.9
86	65.8	49.9	74.9





#21

trans-1,2-Dichloroethene

Concen: 20.997 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013310.D

Acq: 01 Nov 2019 14:44

Instrument :

MSVOA_X

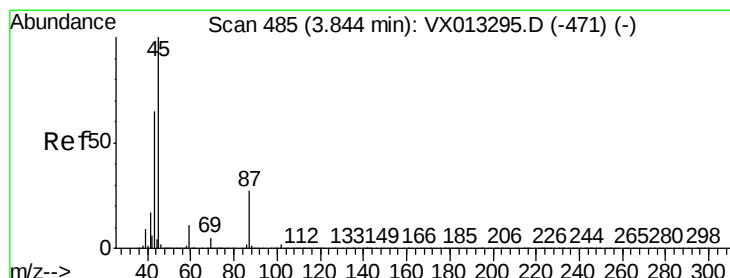
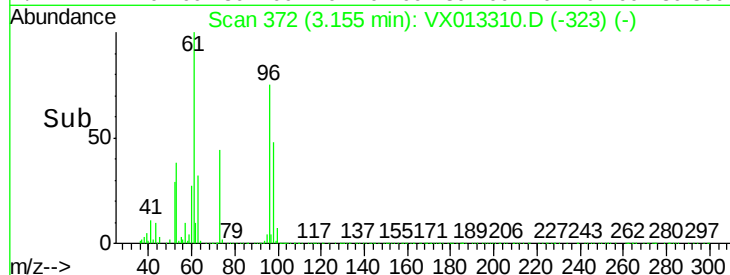
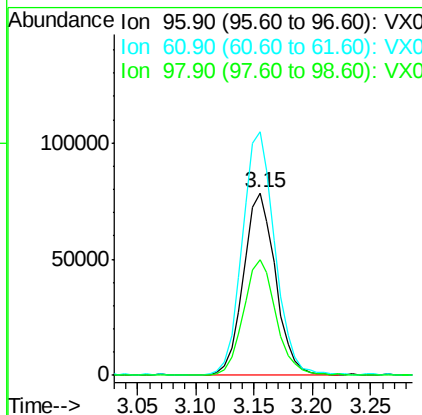
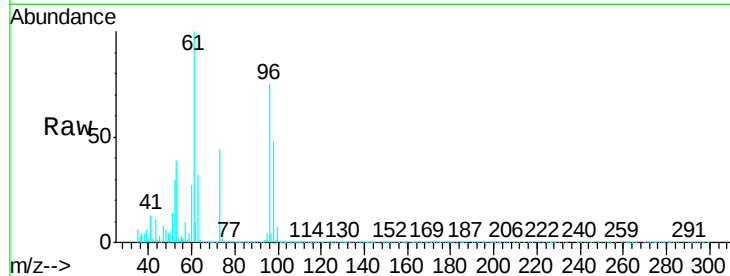
ClientSampleId :

VX1101WBSD01

Tgt Ion:	96	Resp:	150581
Ion	Ratio	Lower	Upper
96	100		
61	133.5	105.8	158.6
98	63.6	51.8	77.6

Manual Integrations
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11/4/2019 1:30:15 PM



#22

Diisopropyl ether

Concen: 21.715 ug/l

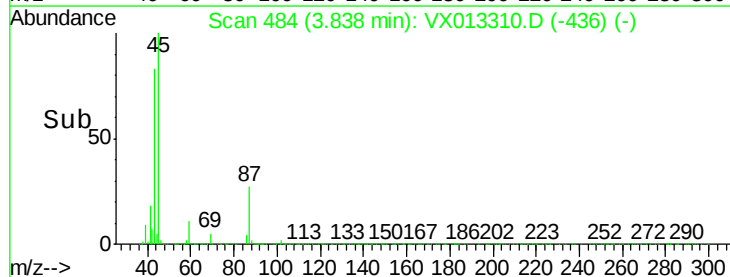
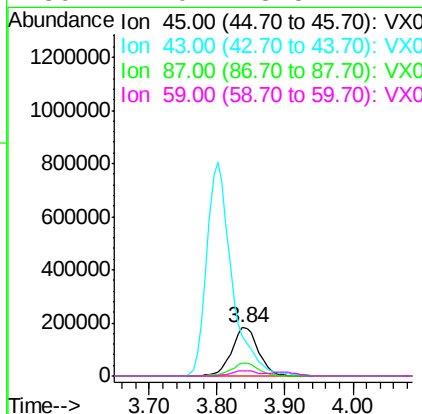
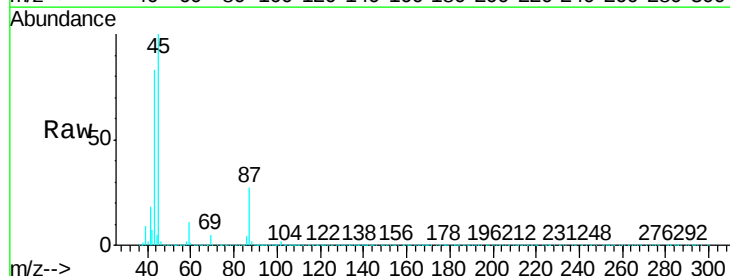
RT: 3.84 min Scan# 484

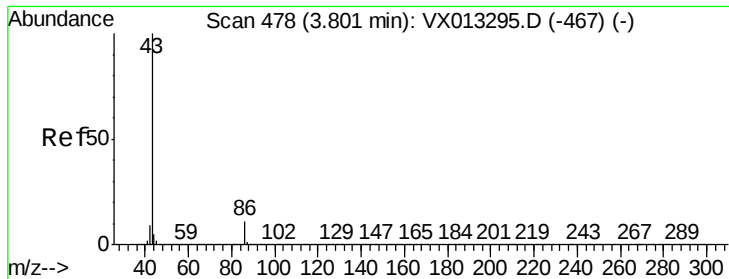
Delta R.T. -0.01 min

Lab File: VX013310.D

Acq: 01 Nov 2019 14:44

Tgt Ion:	45	Resp:	501727
Ion	Ratio	Lower	Upper
45	100		
43	82.7	54.2	81.2#
87	26.6	21.8	32.8
59	11.0	8.5	12.7





#23

Vinyl Acetate

Concen: 104.675 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013310.D

Acq: 01 Nov 2019 14:44

Instrument :

MSVOA_X

ClientSampleId :

VX1101WBSD01

Tgt Ion: 43 Resp: 2069525

Ion Ratio Lower Upper

43 100

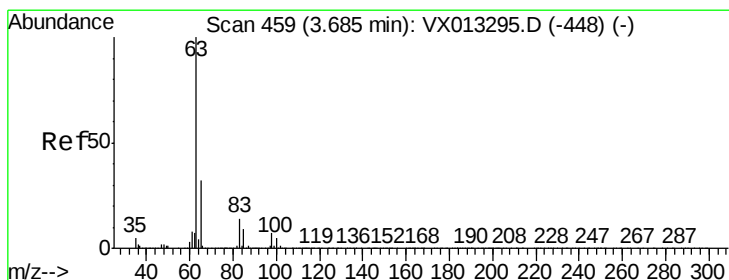
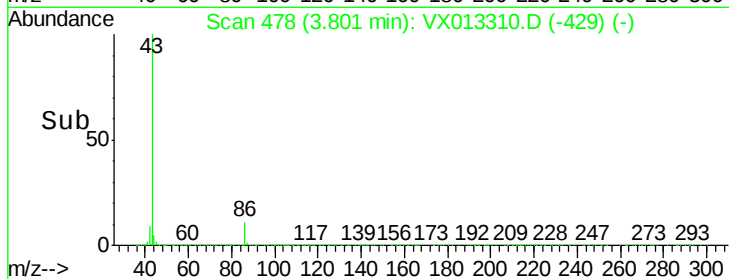
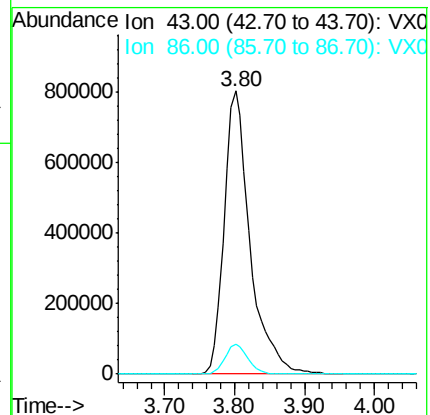
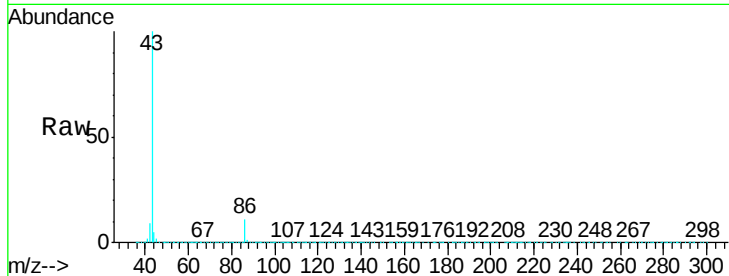
86 10.7 8.6 13.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 21.274 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013310.D

Acq: 01 Nov 2019 14:44

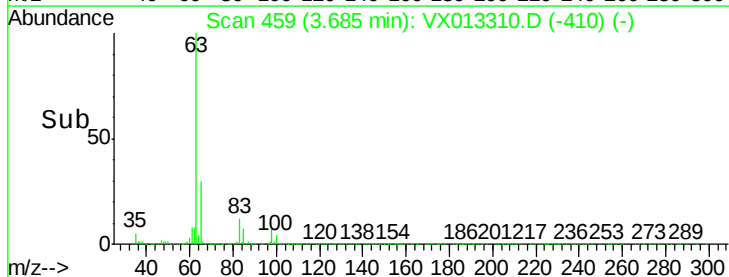
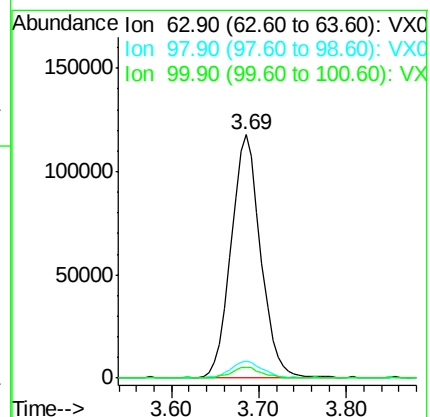
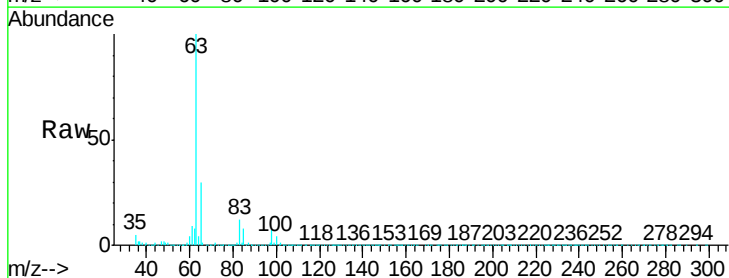
Tgt Ion: 63 Resp: 274966

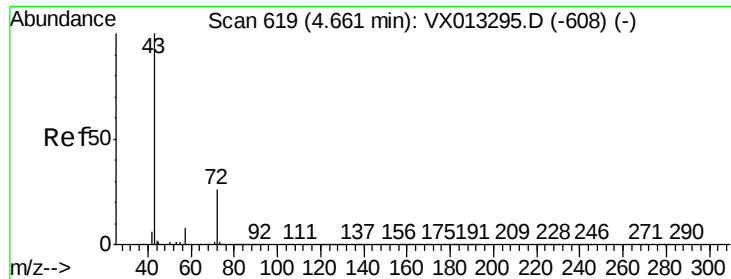
Ion Ratio Lower Upper

63 100

98 6.7 3.5 10.4

100 4.3 2.4 7.2





#25

2-Butanone

Concen: 101.304 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX013310.D

Acq: 01 Nov 2019 14:44

Instrument :

MSVOA_X

ClientSampleId :

VX1101WBSD01

Tgt Ion: 43 Resp: 630591

Ion Ratio Lower Upper

43 100

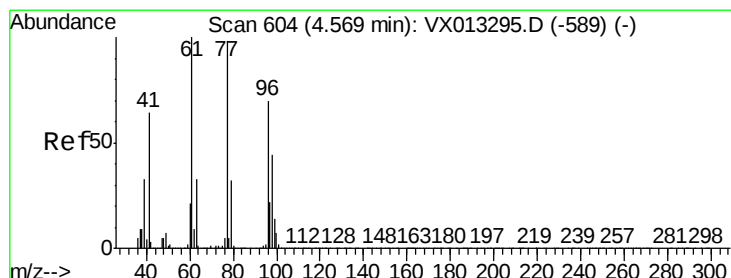
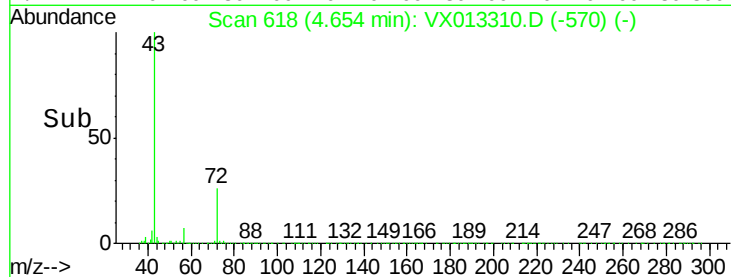
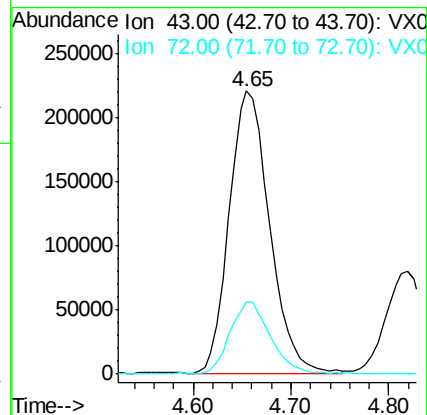
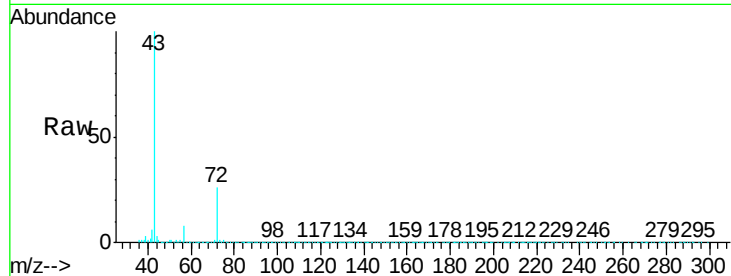
72 25.5 21.0 31.6

Manual Integrations

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MMDadoda

11/4/2019 1:30:15 PM



#26

2,2-Dichloropropane

Concen: 19.303 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX013310.D

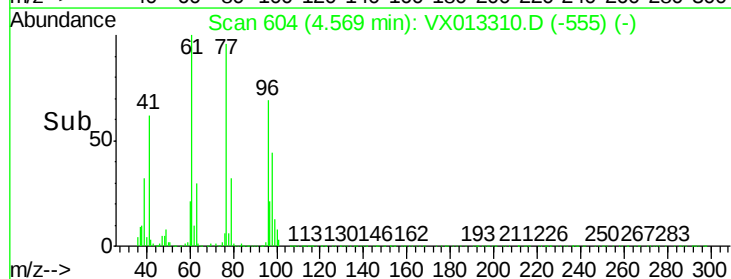
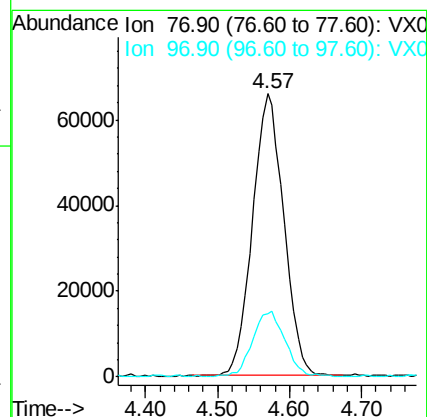
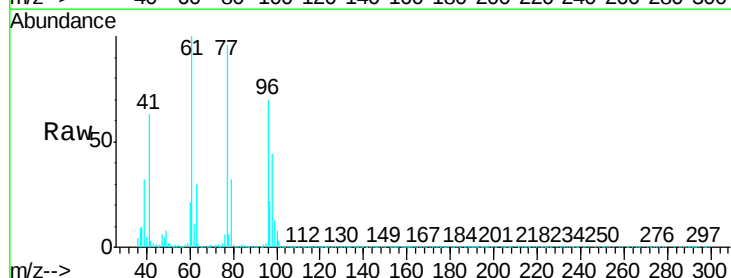
Acq: 01 Nov 2019 14:44

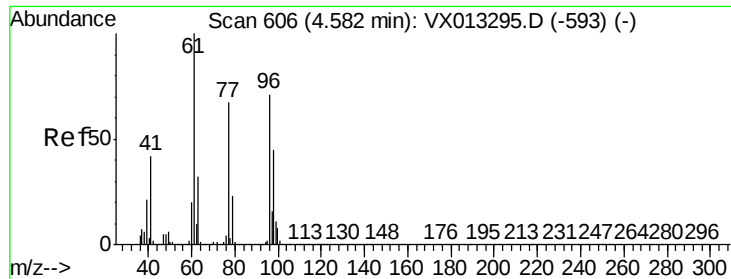
Tgt Ion: 77 Resp: 198477

Ion Ratio Lower Upper

77 100

97 24.8 11.3 33.8





#27

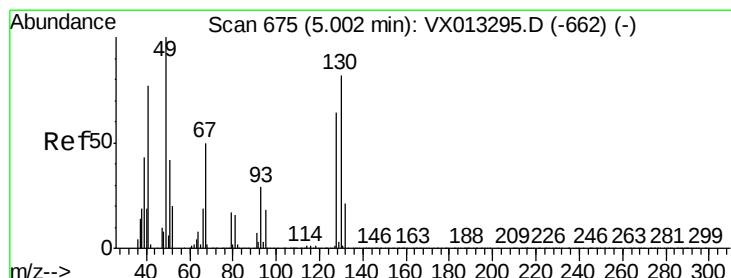
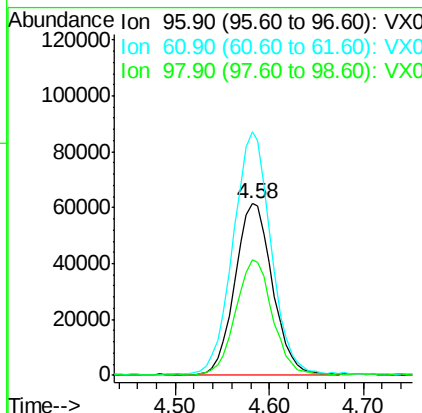
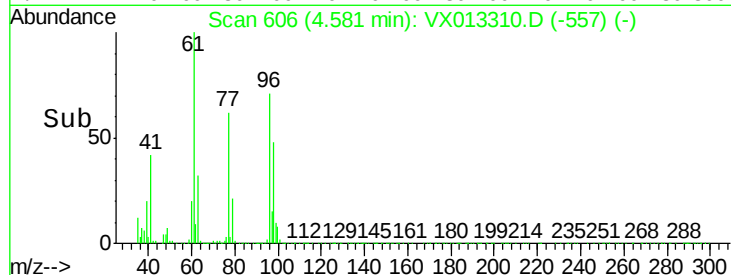
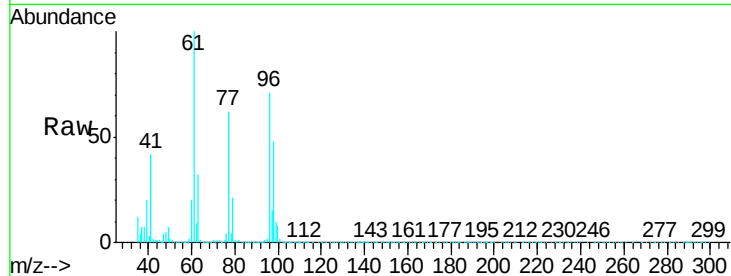
cis-1,2-Dichloroethene
Concen: 21.158 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX013310.D
Acq: 01 Nov 2019 14:44

Instrument :
MSVOA_X
ClientSampleId :
VX1101WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	169980		
61	142.7	0.0	288.0	
98	66.6	0.0	129.6	

Manual Integrations
APPROVED

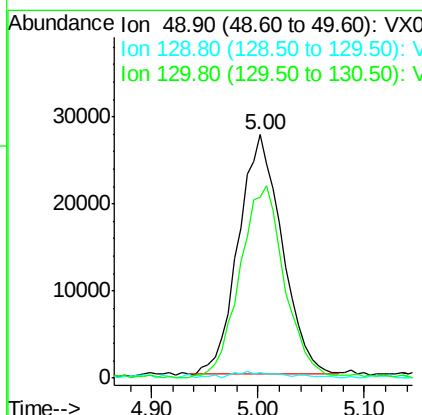
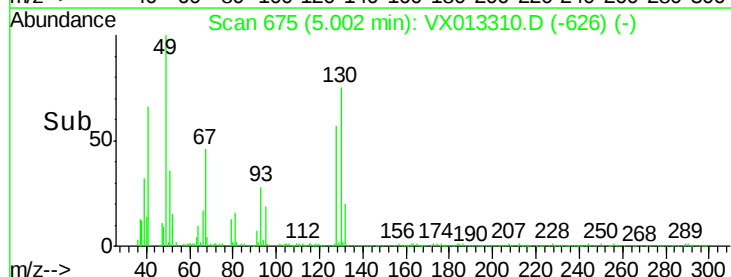
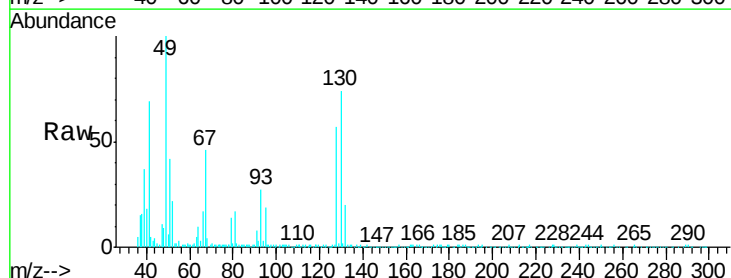
MMDadoda
11/4/2019 1:30:15 PM

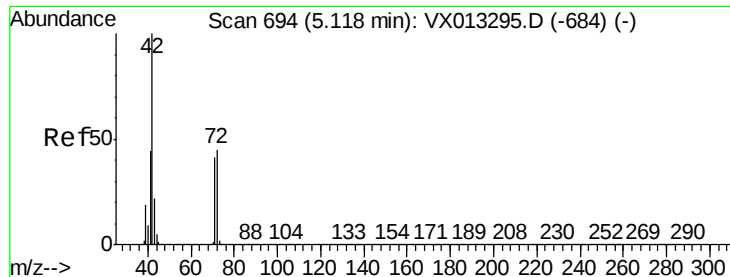


#28

Bromochloromethane
Concen: 21.521 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.00 min
Lab File: VX013310.D
Acq: 01 Nov 2019 14:44

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	78980		
129	2.2	0.0	5.2	
130	82.1	63.8	95.6	





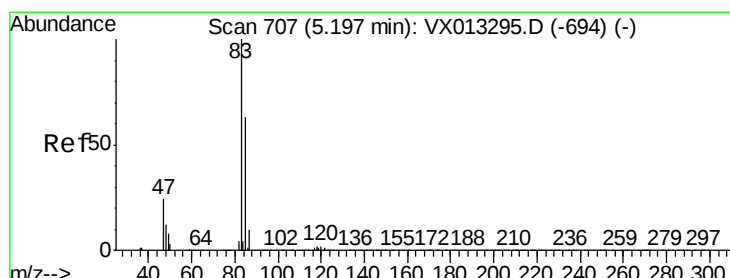
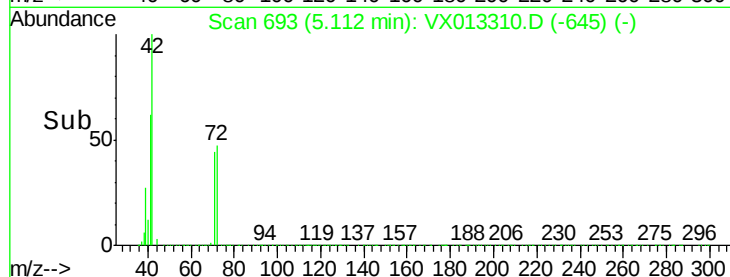
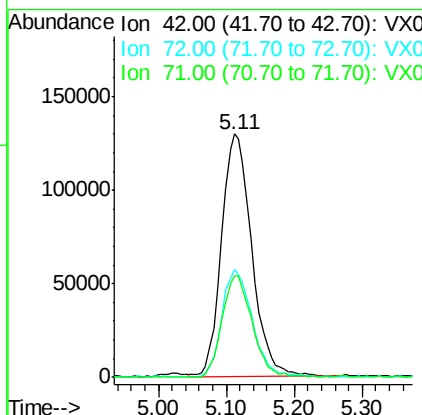
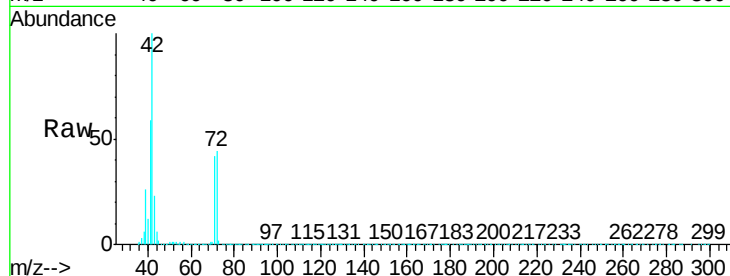
#29
Tetrahydrofuran
Concen: 103.768 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX013310.D
Acq: 01 Nov 2019 14:44

Instrument :
MSVOA_X
ClientSampled :
VX1101WBSD01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	44.8	35.8	53.8
71	42.1	33.4	50.0

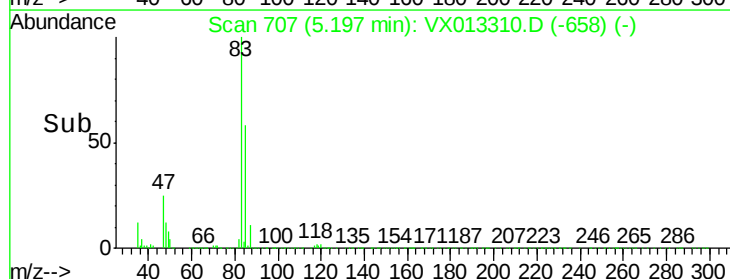
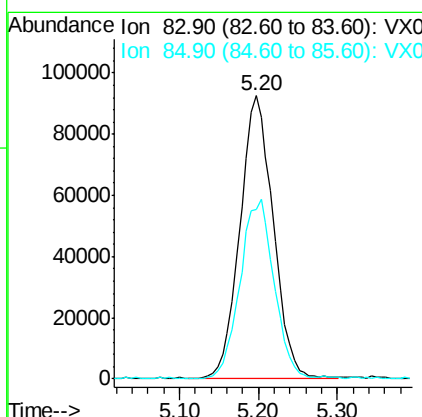
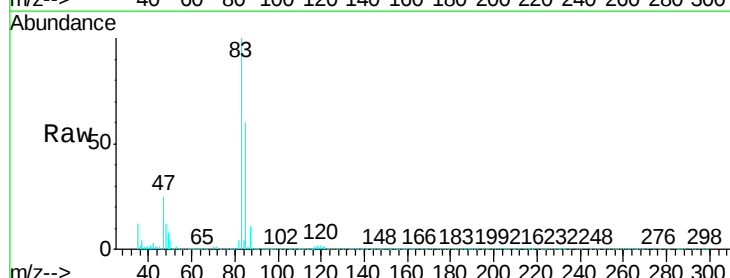
Manual Integrations
APPROVED

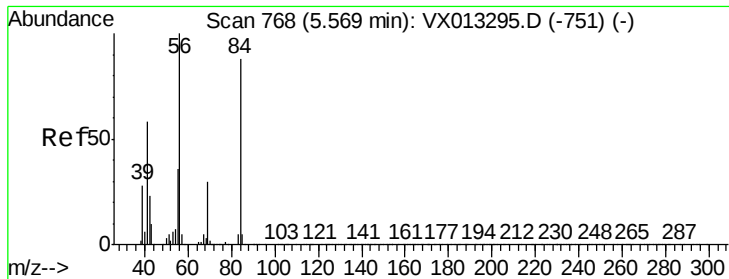
MMDadoda
11/4/2019 1:30:15 PM



#30
Chloroform
Concen: 21.181 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX013310.D
Acq: 01 Nov 2019 14:44

Tgt Ion	Ratio	Lower	Upper
83	100		
85	59.8	50.2	75.4





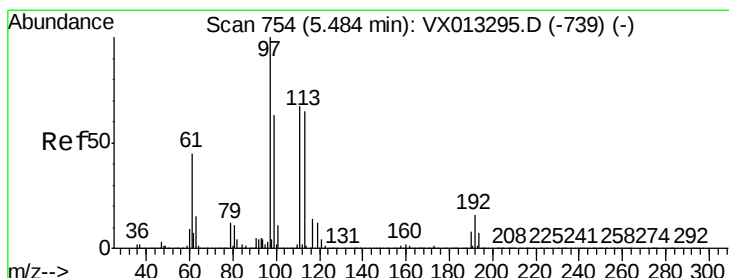
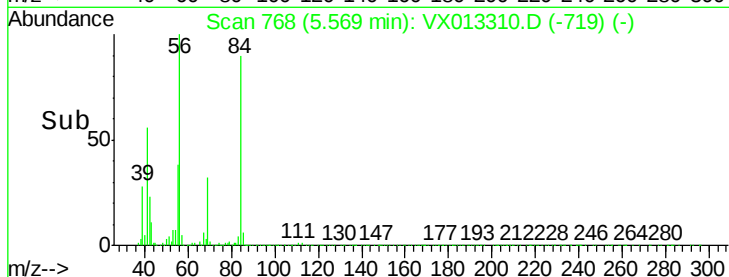
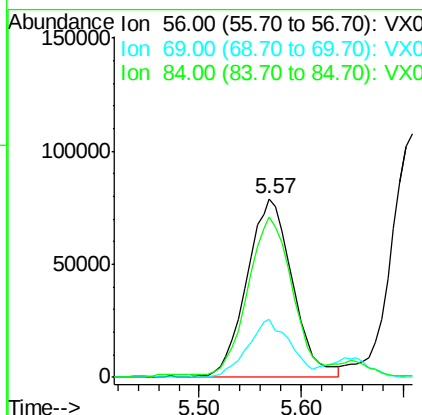
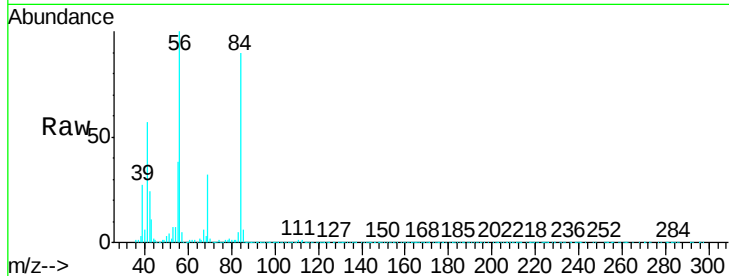
#31
Cyclohexane
Concen: 20.920 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX013310.D
Acq: 01 Nov 2019 14:44

Instrument :
MSVOA_X
ClientSampleId :
VX1101WBSD01

Tgt Ion	Ratio	Lower	Upper
56	100		
69	32.0	23.7	35.5
84	88.8	70.6	105.8

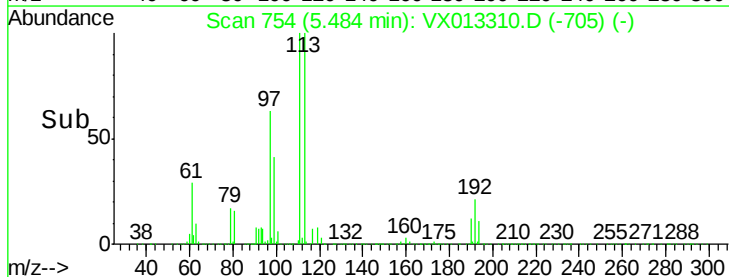
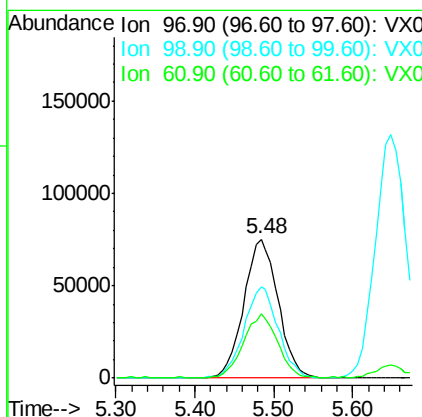
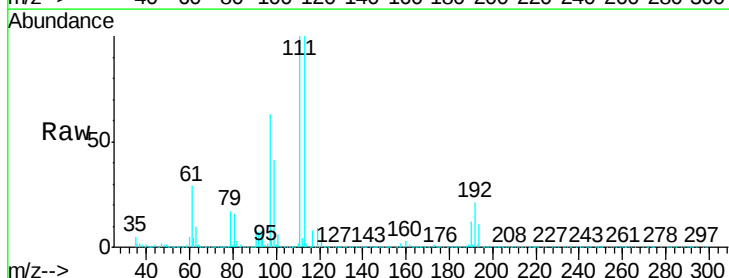
Manual Integrations
APPROVED

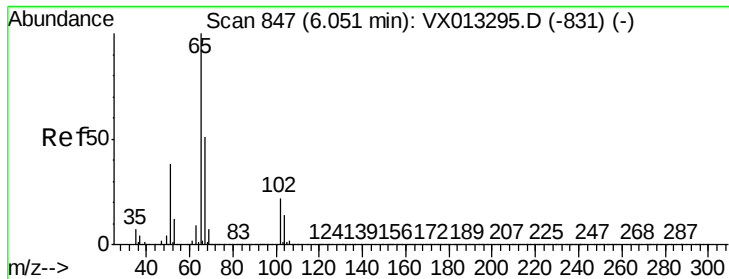
MMDadoda
11/4/2019 1:30:15 PM



#32
1,1,1-Trichloroethane
Concen: 20.651 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX013310.D
Acq: 01 Nov 2019 14:44

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.1	76.7
61	45.3	36.5	54.7





#33

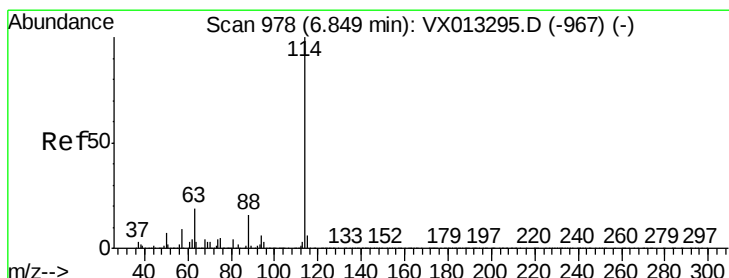
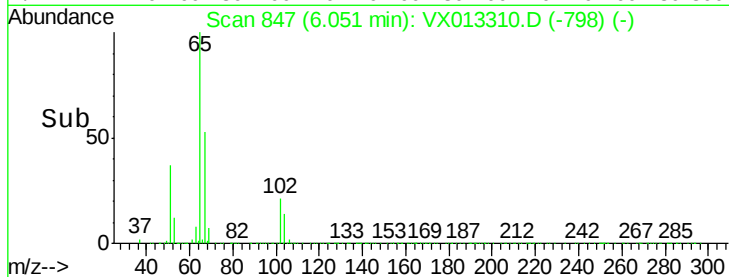
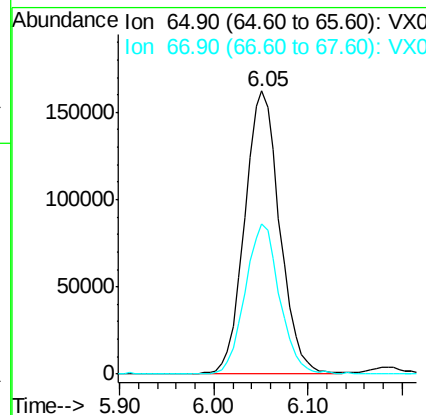
1,2-Dichloroethane-d4
Concen: 49.516 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX013310.D
Acq: 01 Nov 2019 14:44

Instrument :
MSVOA_X
ClientSampleId :
VX1101WBSD01

Tgt Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	104.2

Manual Integrations
APPROVED

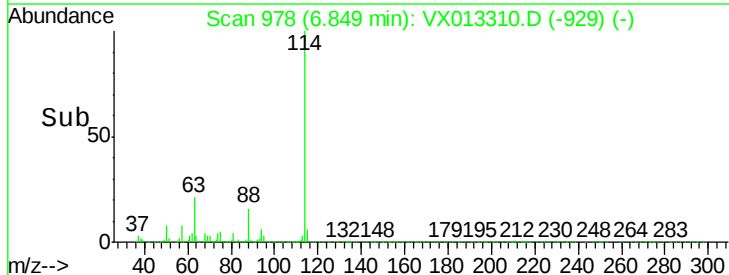
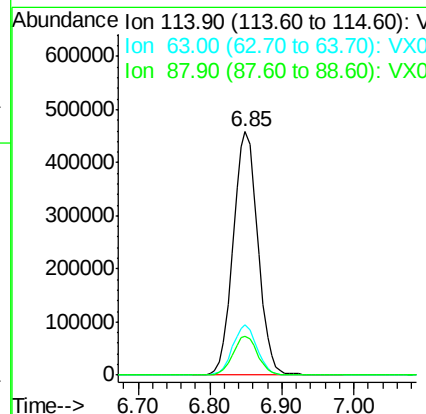
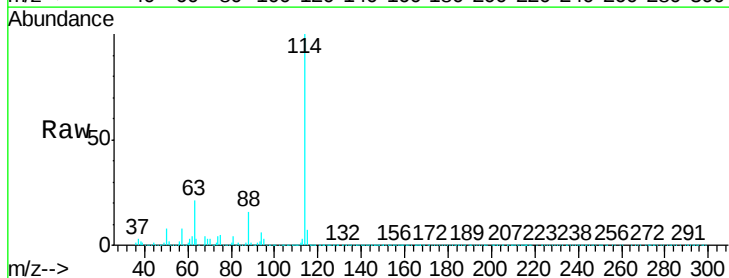
MMDadoda
11/4/2019 1:30:15 PM

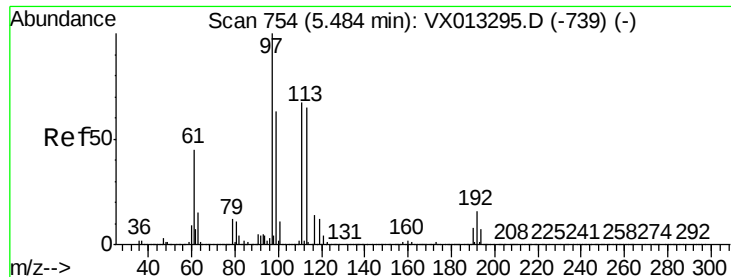


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX013310.D
Acq: 01 Nov 2019 14:44

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	38.4
88	15.8	0.0	32.2





#35

Dibromofluoromethane

Concen: 49.657 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX013310.D

Acq: 01 Nov 2019 14:44

Instrument :

MSVOA_X

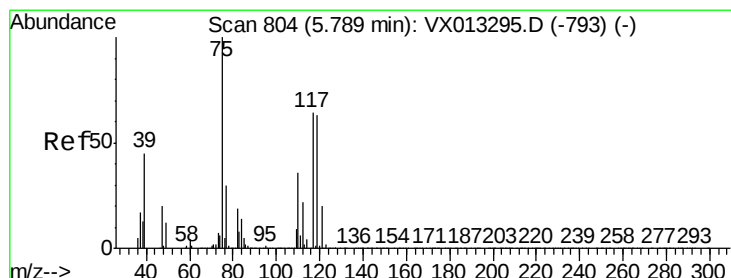
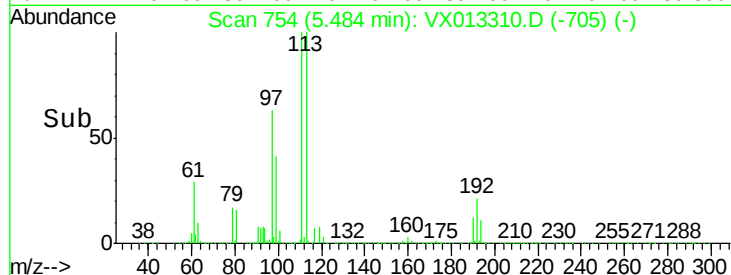
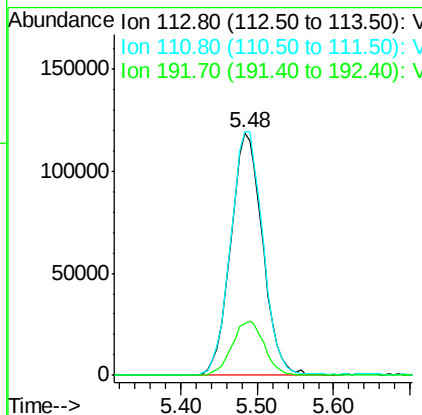
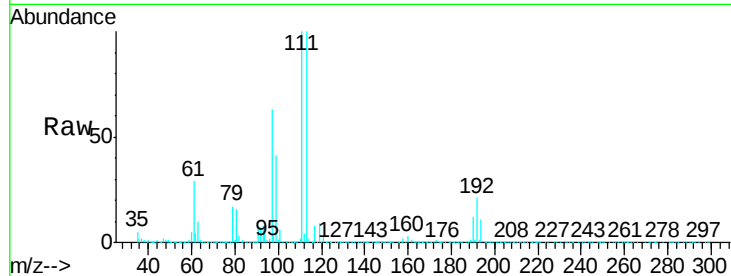
ClientSampleId :

VX1101WBSD01

Tgt Ion:	113	Resp:	340855
Ion Ratio	Lower	Upper	
113	100		
111	101.8	81.9	122.9
192	22.9	19.1	28.7

Manual Integrations
APPROVED

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11/4/2019 1:30:15 PM



#36

1,1-Dichloropropene

Concen: 21.432 ug/l

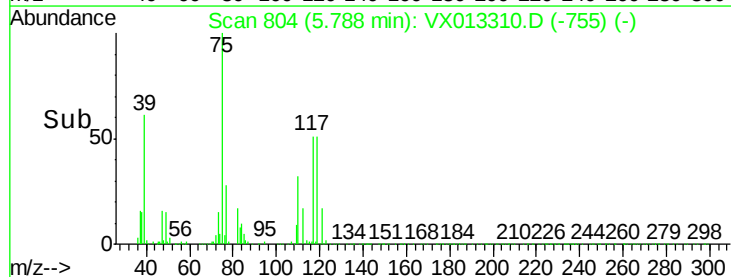
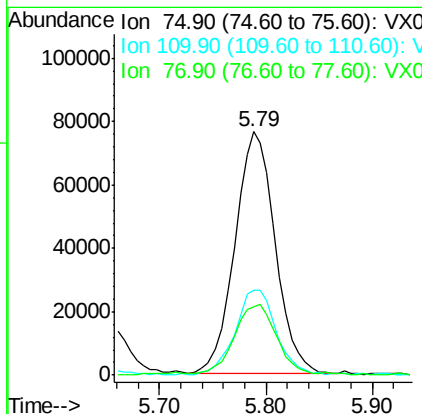
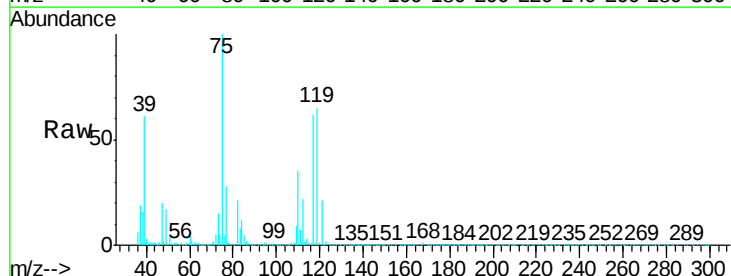
RT: 5.79 min Scan# 804

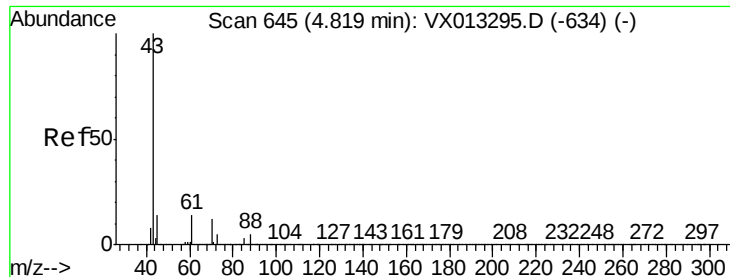
Delta R.T. -0.00 min

Lab File: VX013310.D

Acq: 01 Nov 2019 14:44

Tgt Ion:	75	Resp:	201213
Ion Ratio	Lower	Upper	
75	100		
110	36.1	18.1	54.1
77	30.4	25.0	37.4





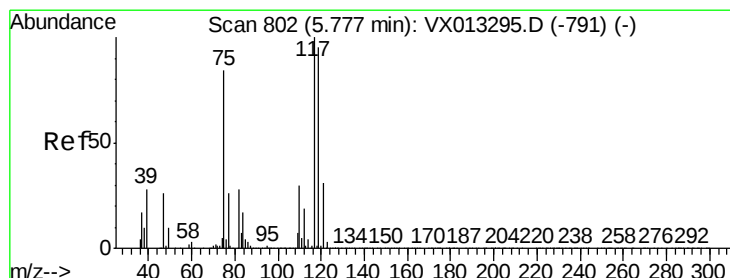
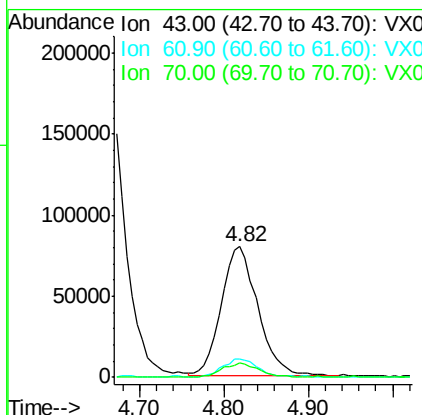
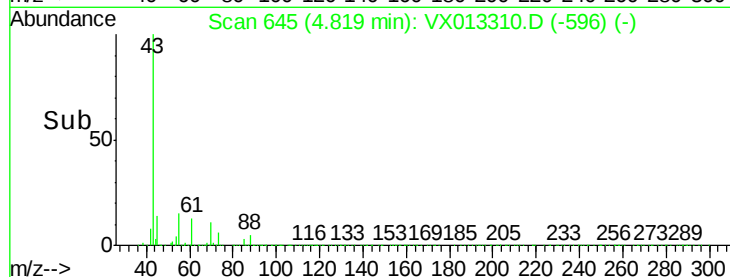
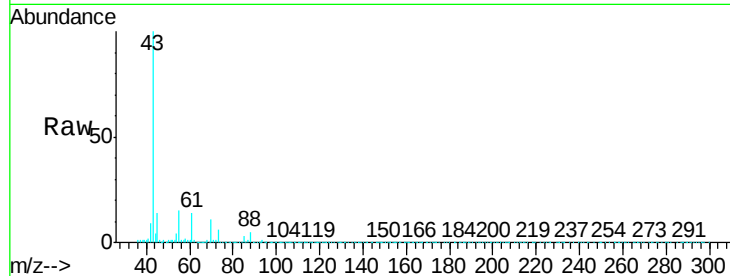
#37
Ethyl Acetate
Concen: 20.321 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013310.D
Acq: 01 Nov 2019 14:44

Instrument :
MSVOA_X
ClientSampleId :
VX1101WBSD01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	12.7	10.7	16.1
70	10.6	8.7	13.1

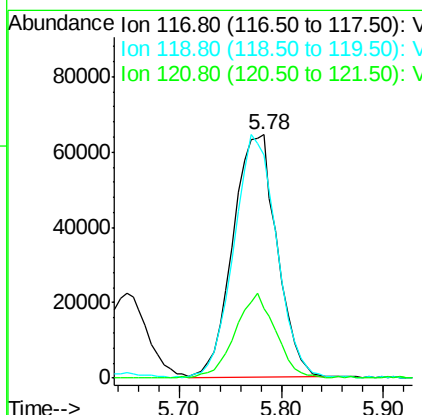
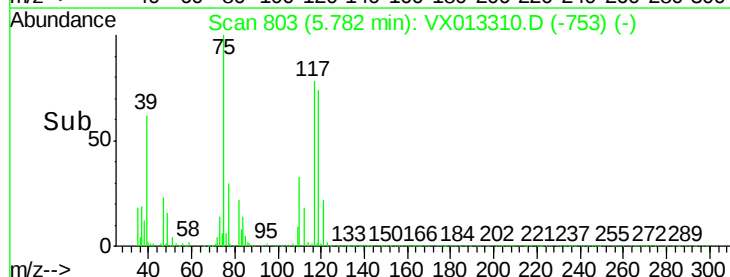
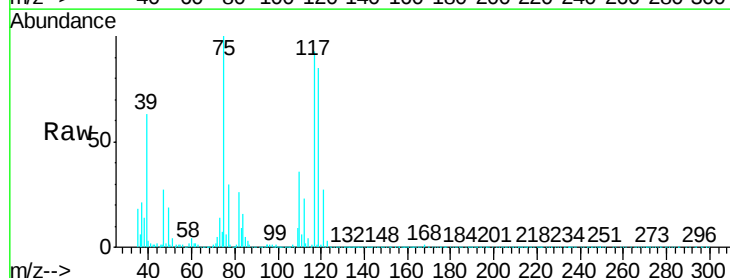
Manual Integrations
APPROVED

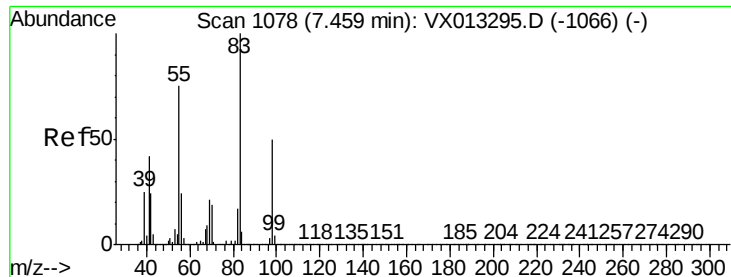
MMDadoda
11/4/2019 1:30:15 PM



#38
Carbon Tetrachloride
Concen: 21.028 ug/l
RT: 5.78 min Scan# 803
Delta R.T. 0.01 min
Lab File: VX013310.D
Acq: 01 Nov 2019 14:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.5	76.1	114.1
121	28.5	24.6	37.0





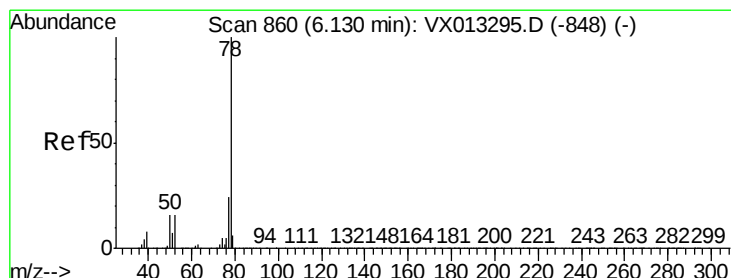
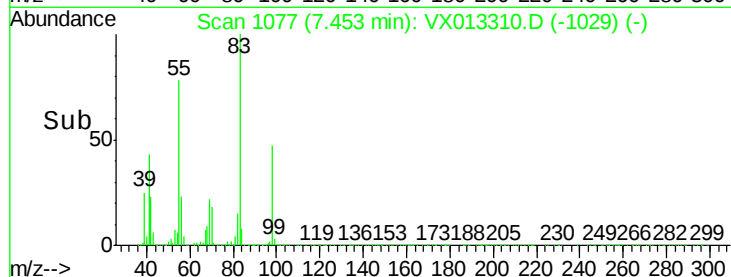
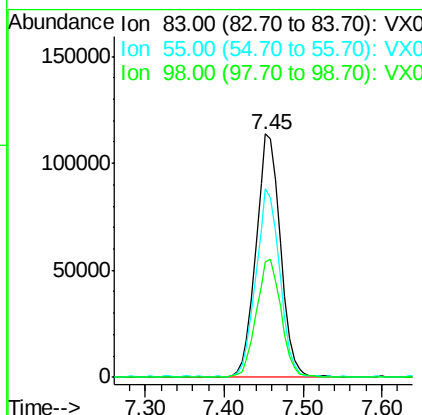
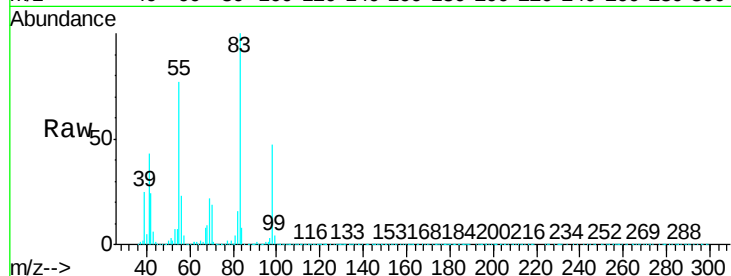
#39
Methylcyclohexane
Concen: 20.909 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX013310.D
Acq: 01 Nov 2019 14:44

Instrument :
MSVOA_X
ClientSampleId :
VX1101WBSD01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	77.3	60.3	90.5
98	47.1	40.3	60.5

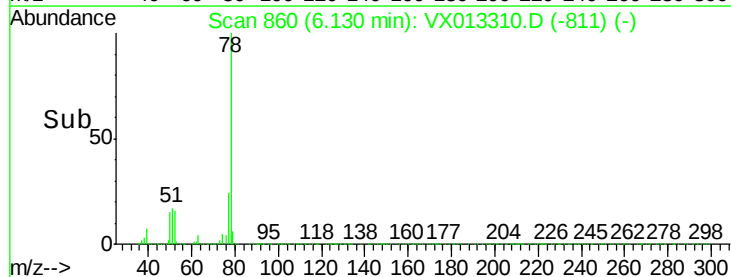
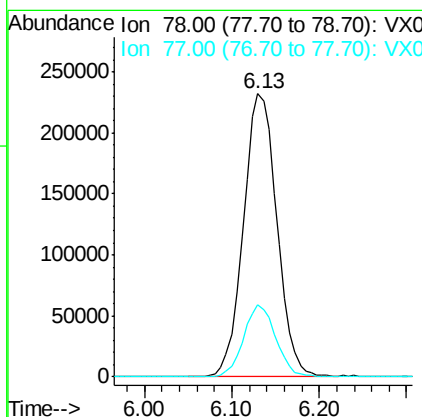
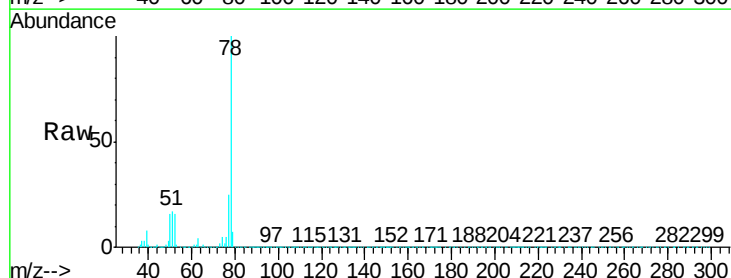
Manual Integrations
APPROVED

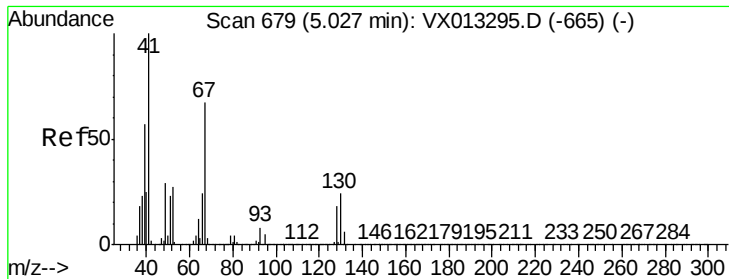
MMDadoda
11/4/2019 1:30:15 PM



#40
Benzene
Concen: 21.066 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX013310.D
Acq: 01 Nov 2019 14:44

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.3	19.5	29.3





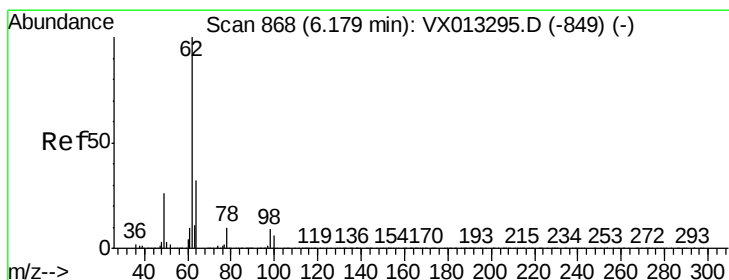
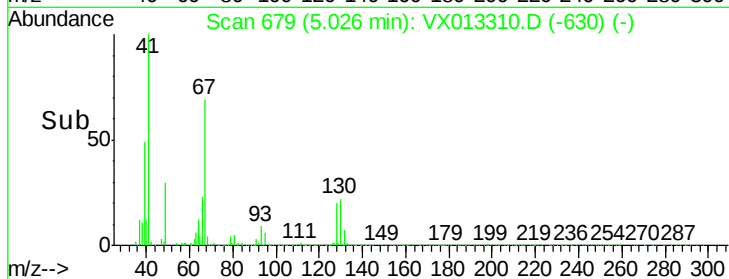
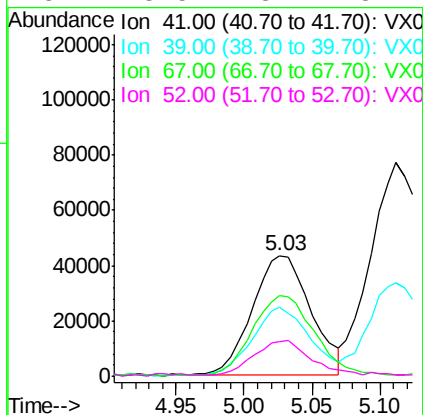
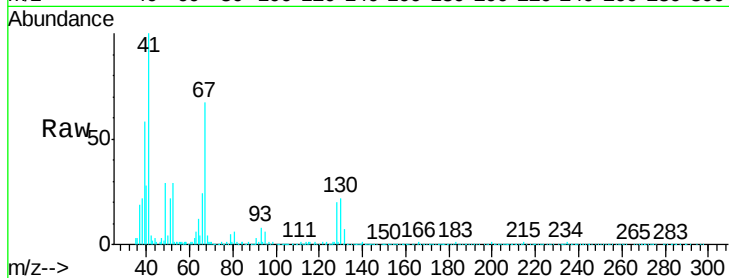
#41
Methacrylonitrile
Concen: 20.085 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX013310.D
Acq: 01 Nov 2019 14:44

Instrument :
MSVOA_X
ClientSampleId :
VX1101WBSD01

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	57.9	45.0	67.6	
67	69.7	55.4	83.2	
52	28.5	23.1	34.7	

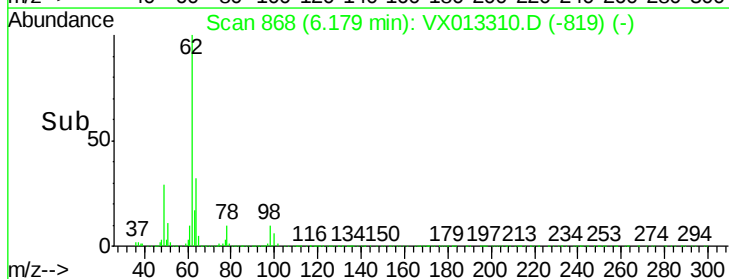
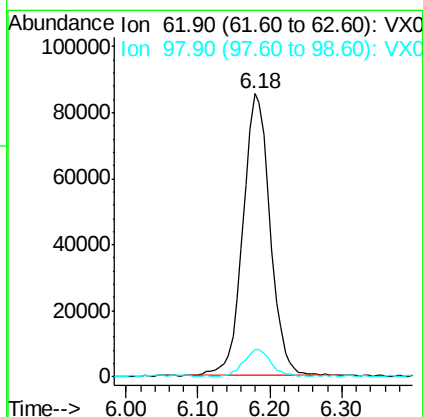
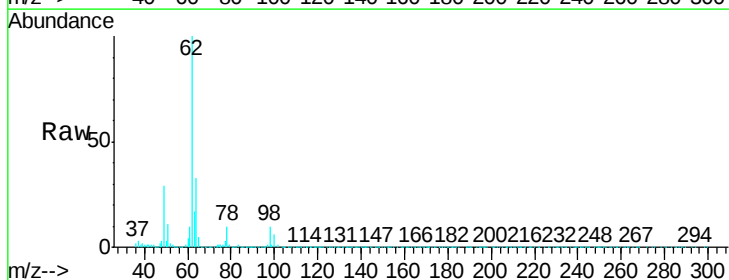
Manual Integrations
APPROVED

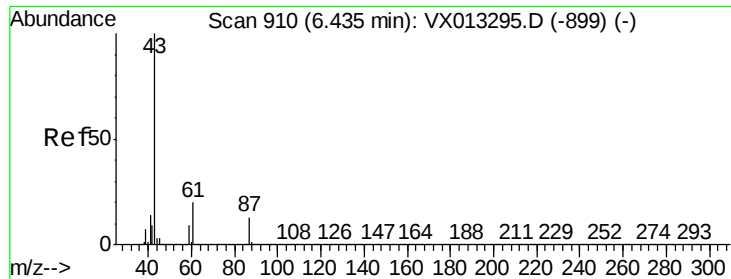
MMDadoda
11/4/2019 1:30:15 PM



#42
1,2-Dichloroethane
Concen: 21.198 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX013310.D
Acq: 01 Nov 2019 14:44

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.7	0.0	19.4	





#43

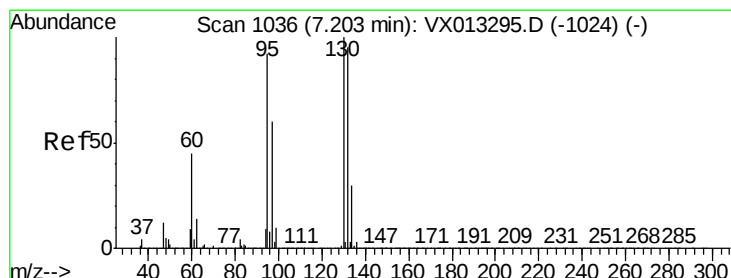
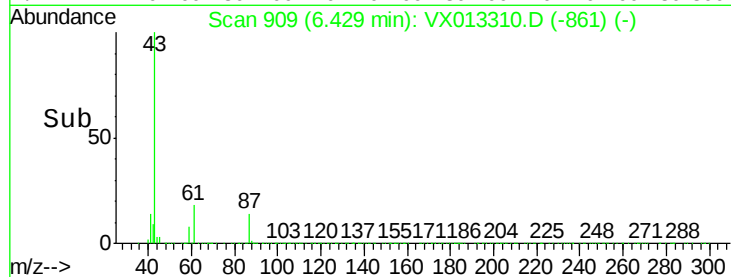
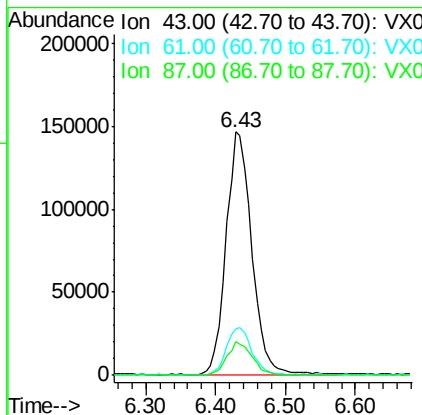
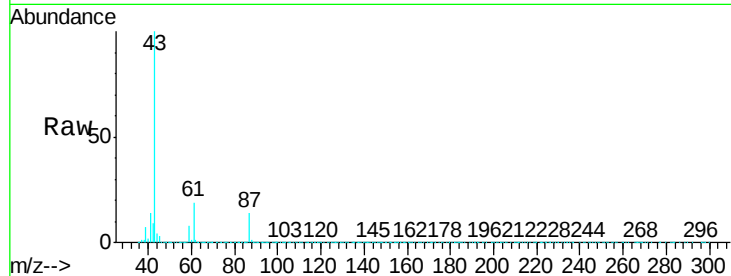
Isopropyl Acetate
 Concen: 20.644 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX013310.D
 Acq: 01 Nov 2019 14:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1101WBSD01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.2	15.8	23.8
87	13.6	10.4	15.6

Manual Integrations
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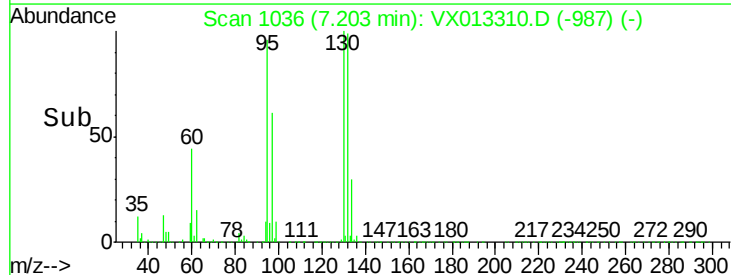
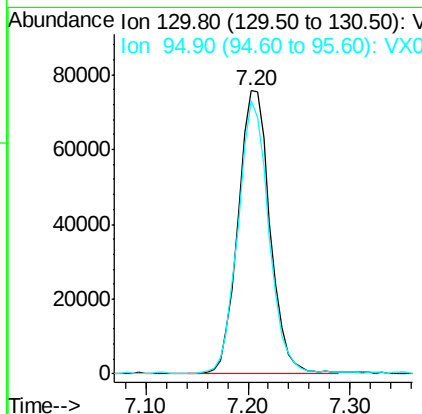
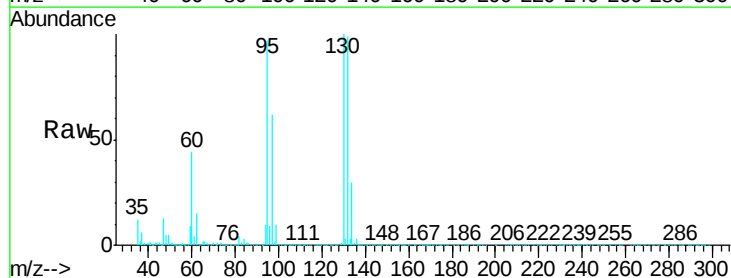
MMDadoda
 11/4/2019 1:30:15 PM

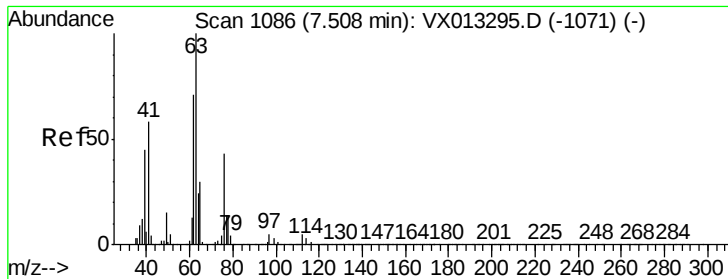


#44

Trichloroethene
 Concen: 20.403 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: VX013310.D
 Acq: 01 Nov 2019 14:44

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.3	0.0	184.8





#45

1,2-Dichloropropane

Concen: 21.448 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX013310.D

Acq: 01 Nov 2019 14:44

Instrument :

MSVOA_X

ClientSampleId :

VX1101WBSD01

Tgt Ion: 63 Resp: 159821

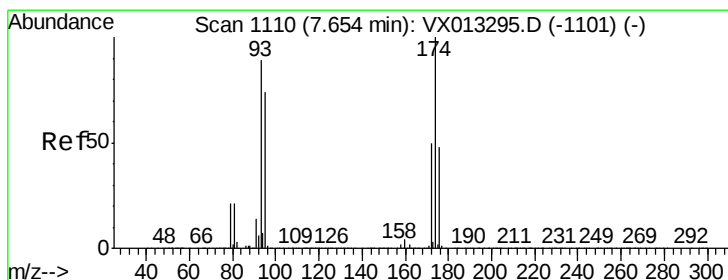
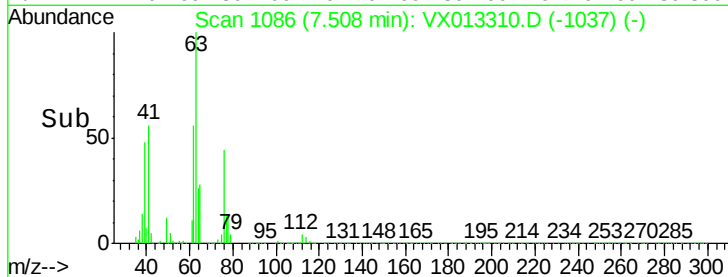
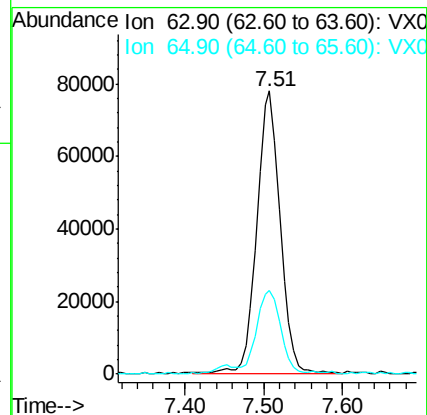
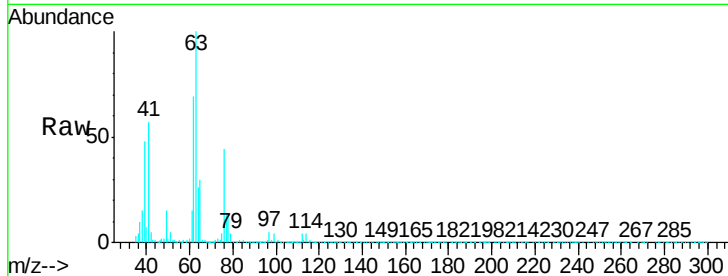
Ion Ratio Lower Upper

63 100

65 29.1 24.3 36.5

Manual Integrations
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#46

Dibromomethane

Concen: 20.296 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX013310.D

Acq: 01 Nov 2019 14:44

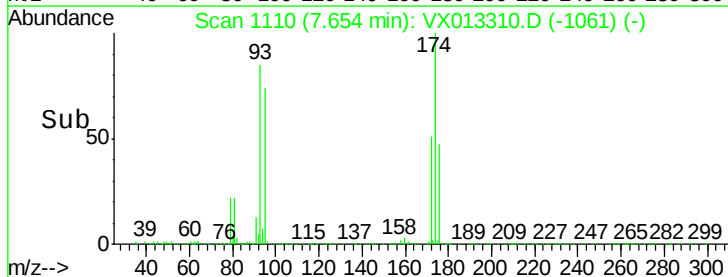
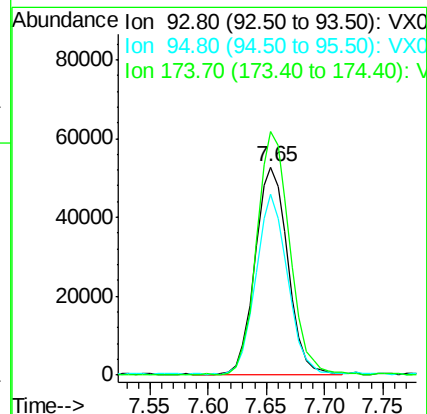
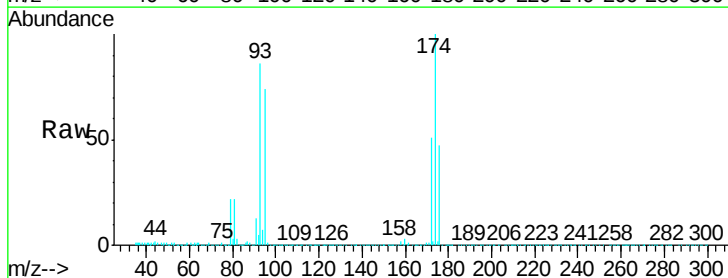
Tgt Ion: 93 Resp: 103260

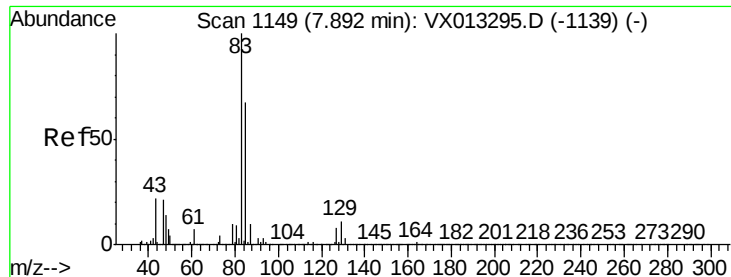
Ion Ratio Lower Upper

93 100

95 83.8 65.8 98.6

174 117.4 90.4 135.6





#47

Bromodichloromethane

Concen: 21.537 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013310.D

Acq: 01 Nov 2019 14:44

Instrument :

MSVOA_X

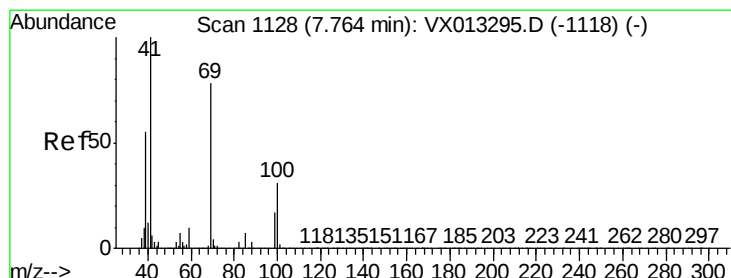
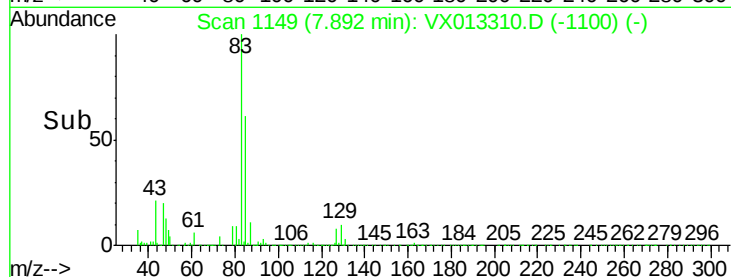
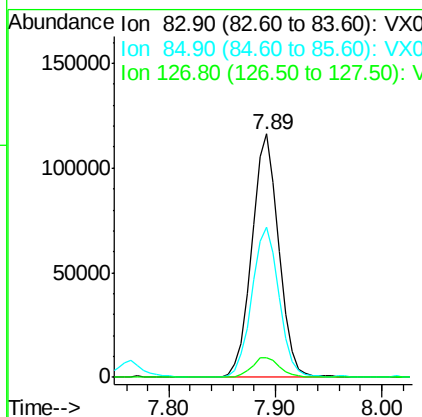
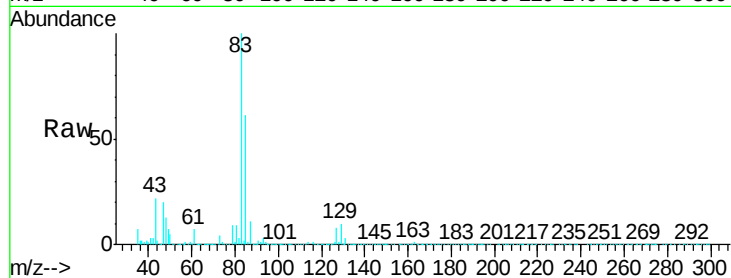
ClientSampleId :

VX1101WBSD01

Tgt Ion:	83	Resp:	206620
Ion Ratio	Lower	Upper	
83	100		
85	61.2	53.7	80.5
127	7.9	6.4	9.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 20.920 ug/l

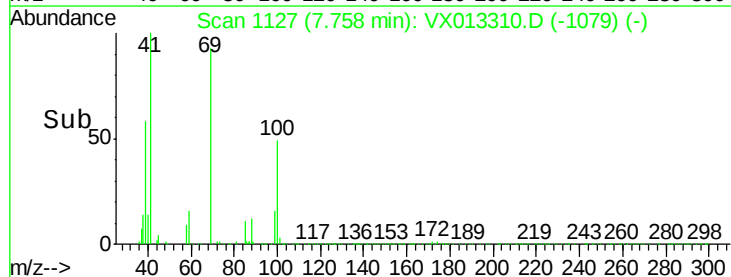
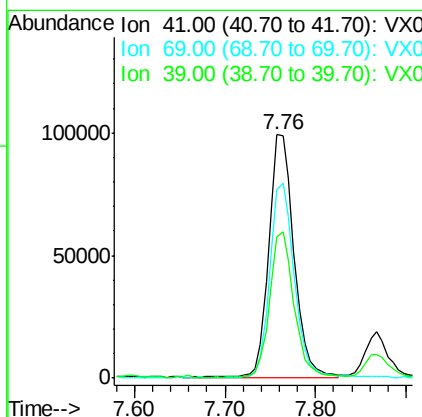
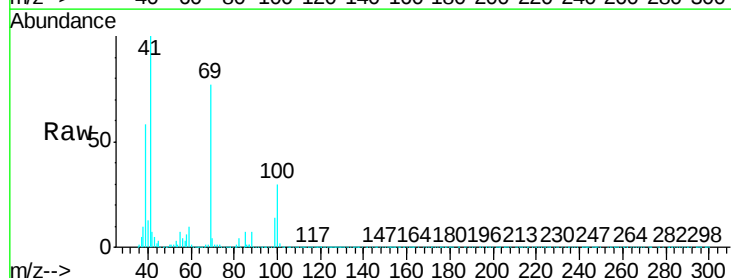
RT: 7.76 min Scan# 1127

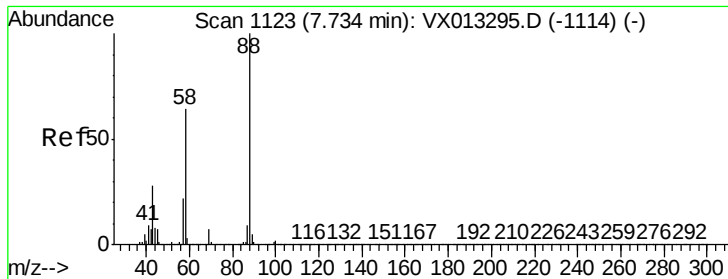
Delta R.T. -0.01 min

Lab File: VX013310.D

Acq: 01 Nov 2019 14:44

Tgt Ion:	41	Resp:	188649
Ion Ratio	Lower	Upper	
41	100		
69	79.2	63.0	94.6
39	58.0	45.9	68.9





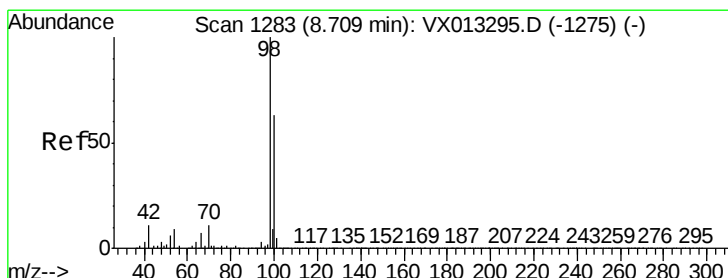
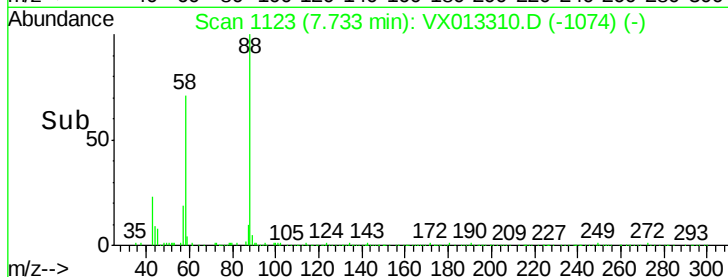
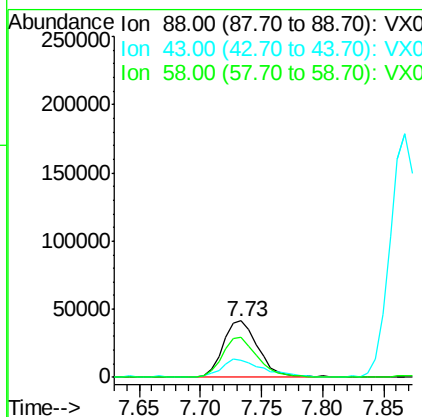
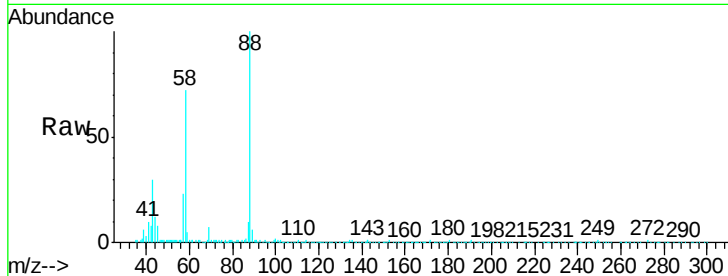
#49
1,4-Dioxane
Concen: 398.656 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX013310.D
Acq: 01 Nov 2019 14:44

Instrument :
MSVOA_X
ClientSampleId :
VX1101WBSD01

Tgt Ion	Ratio	Lower	Upper
88	100		
43	38.9	26.6	39.8
58	71.6	55.0	82.6

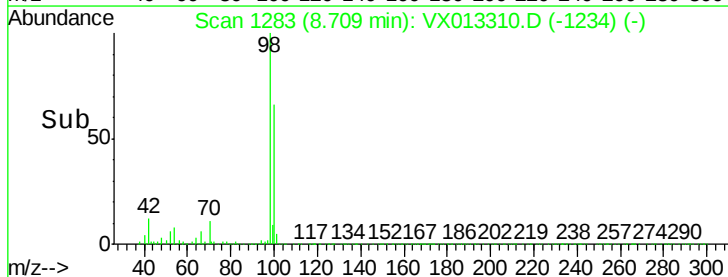
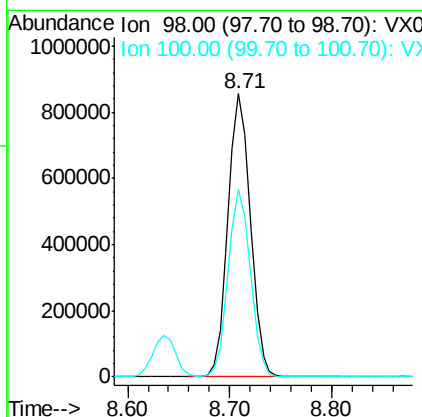
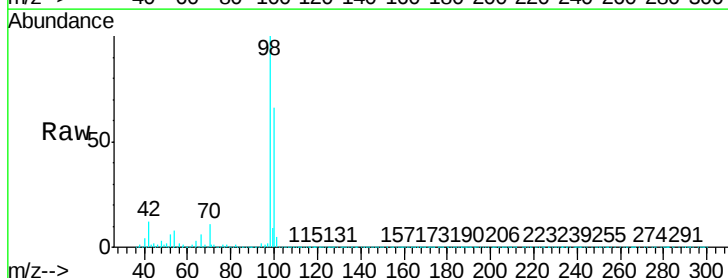
Manual Integrations
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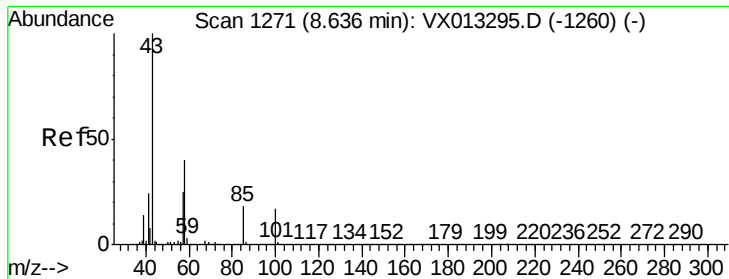
MMDadoda
11/4/2019 1:30:15 PM



#50
Toluene-d8
Concen: 50.341 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013310.D
Acq: 01 Nov 2019 14:44

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.2	78.2





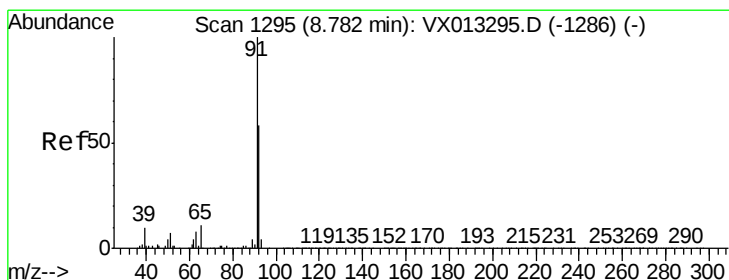
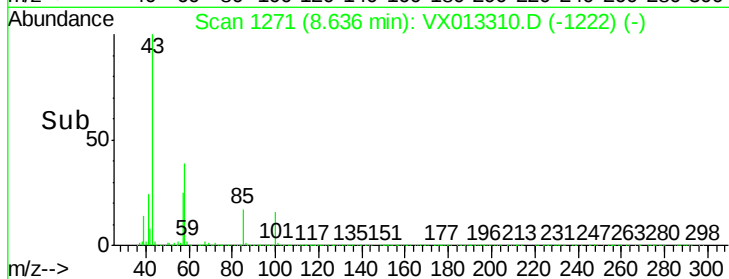
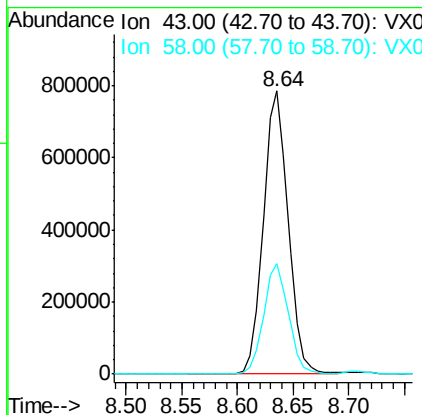
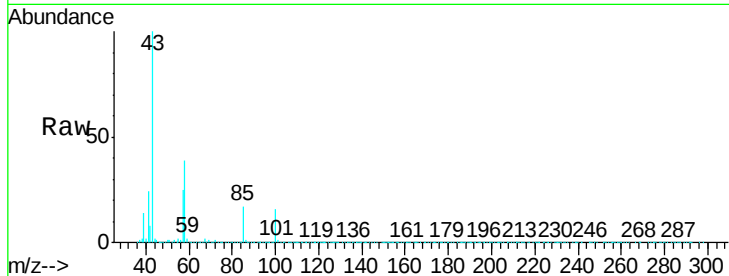
#51
4-Methyl-2-Pentanone
Concen: 103.455 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX013310.D
Acq: 01 Nov 2019 14:44

Instrument :
MSVOA_X
ClientSampleId :
VX1101WBSD01

Tgt Ion: 43 Resp: 1226174
Ion Ratio Lower Upper
43 100
58 38.8 31.4 47.0

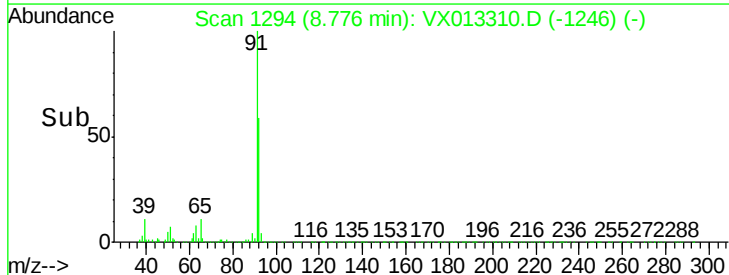
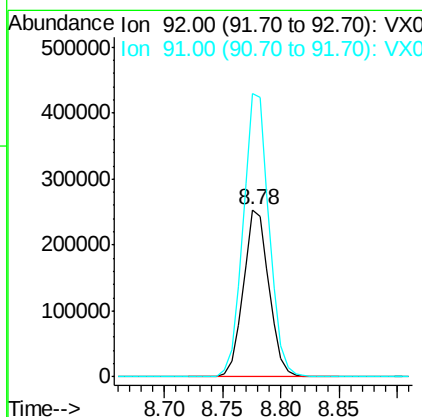
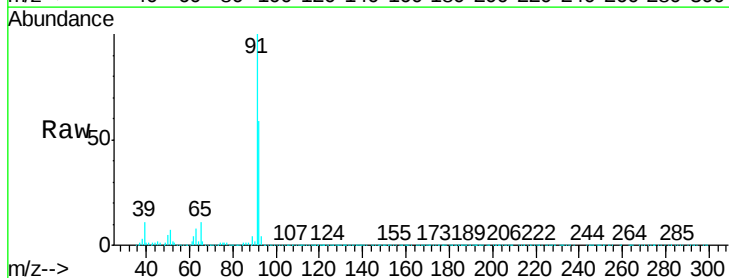
Manual Integrations
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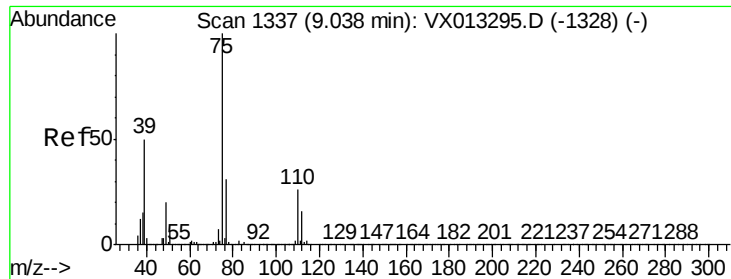
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11/4/2019 1:30:15 PM



#52
Toluene
Concen: 21.325 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX013310.D
Acq: 01 Nov 2019 14:44

Tgt Ion: 92 Resp: 386526
Ion Ratio Lower Upper
92 100
91 172.5 138.0 207.0





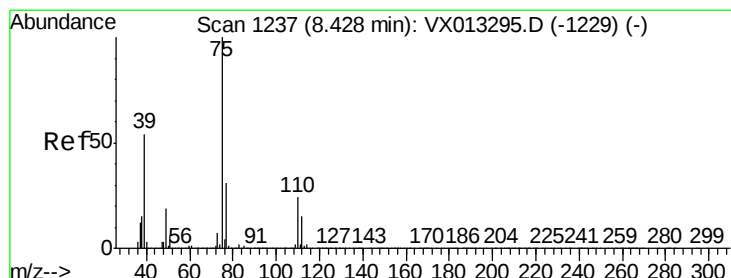
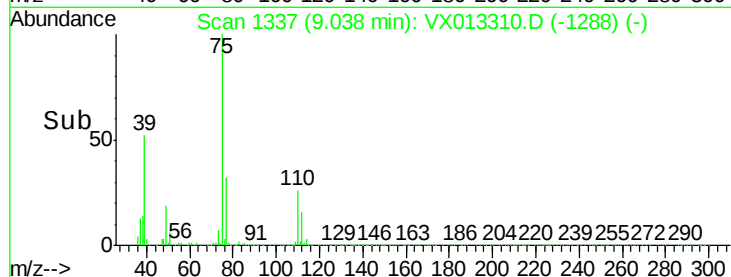
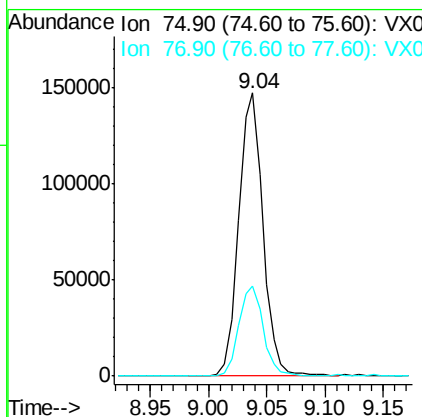
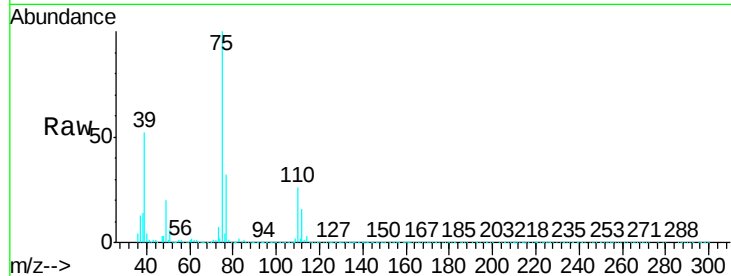
#53
t-1,3-Dichloropropene
Concen: 20.355 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX013310.D
Acq: 01 Nov 2019 14:44

Instrument :
MSVOA_X
ClientSampleId :
VX1101WBSD01

Tgt Ion: 75 Resp: 213539
Ion Ratio Lower Upper
75 100
77 31.6 25.0 37.4

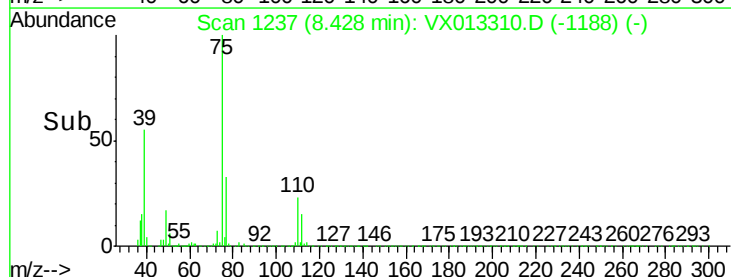
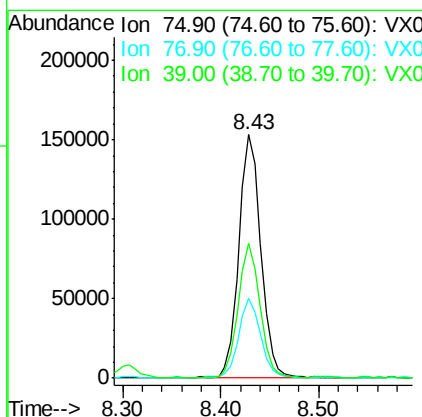
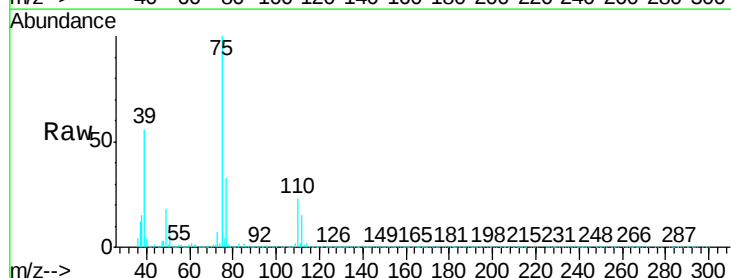
Manual Integrations
APPROVED

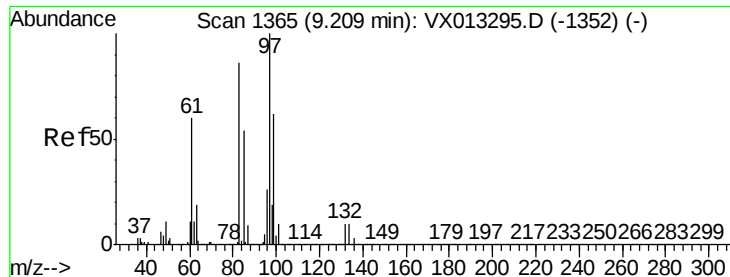
MMDadoda
11/4/2019 1:30:15 PM



#54
cis-1,3-Dichloropropene
Concen: 20.449 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX013310.D
Acq: 01 Nov 2019 14:44

Tgt Ion: 75 Resp: 239973
Ion Ratio Lower Upper
75 100
77 32.4 24.7 37.1
39 55.3 43.0 64.6





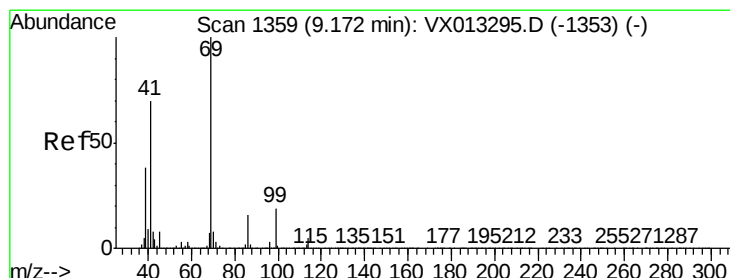
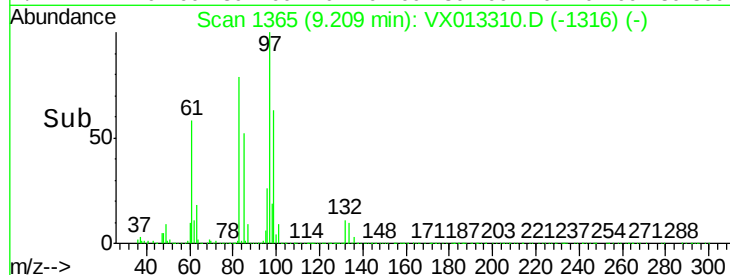
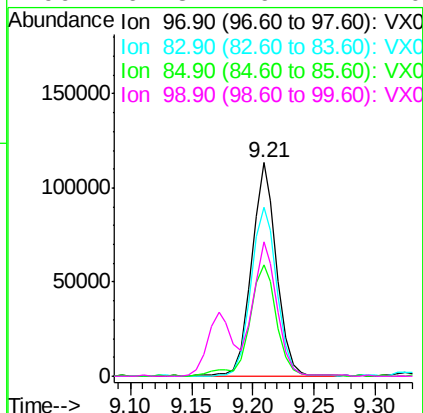
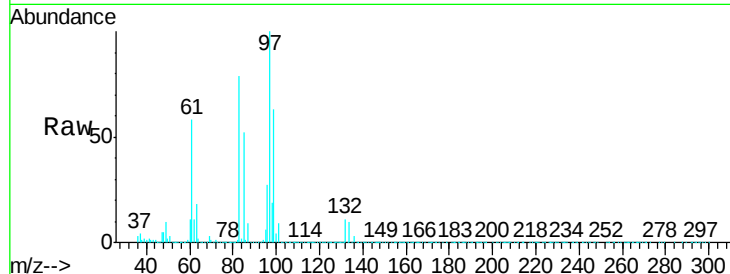
#55
 1,1,2-Trichloroethane
 Concen: 21.220 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013310.D
 Acq: 01 Nov 2019 14:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1101WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	159429		
83	78.9	68.6	103.0	
85	52.2	43.1	64.7	
99	62.8	49.4	74.0	

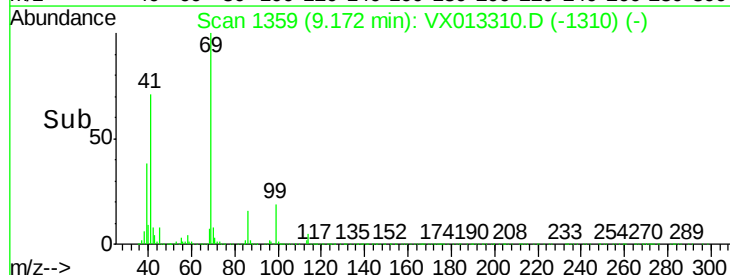
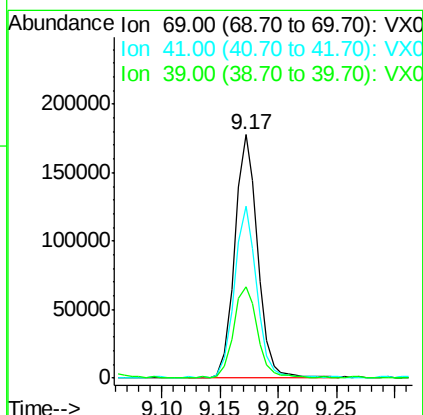
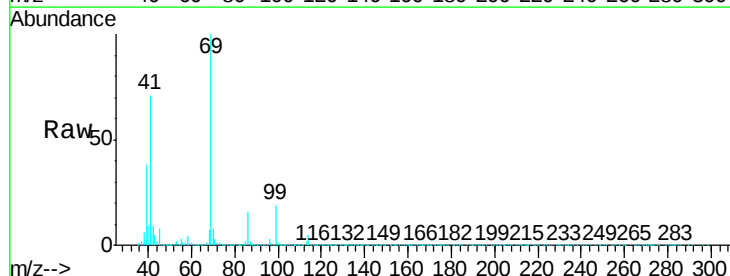
Manual Integrations
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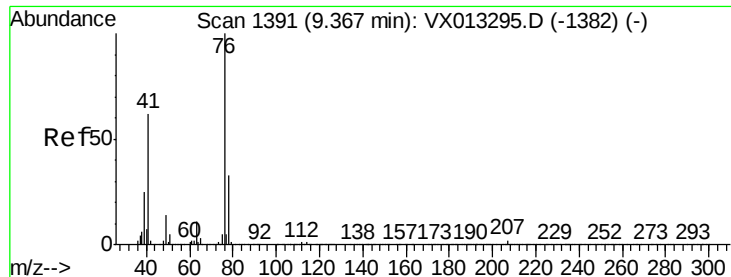
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 11/4/2019 1:30:15 PM



#56
 Ethyl methacrylate
 Concen: 19.970 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX013310.D
 Acq: 01 Nov 2019 14:44

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	243711		
41	68.4	56.2	84.2	
39	38.7	31.1	46.7	





#57

1,3-Dichloropropane

Concen: 21.010 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013310.D

Acq: 01 Nov 2019 14:44

Instrument :

MSVOA_X

ClientSampleId :

VX1101WBSD01

Tgt Ion: 76 Resp: 267953

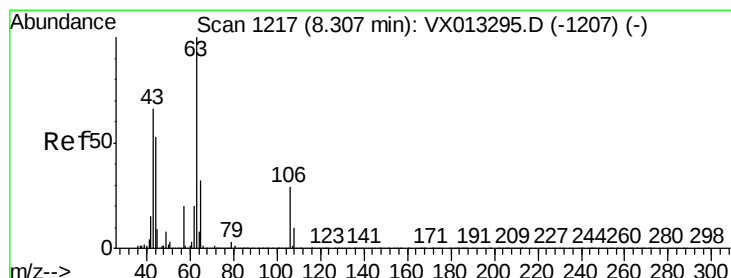
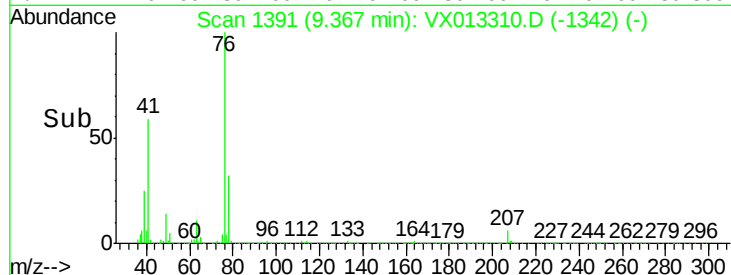
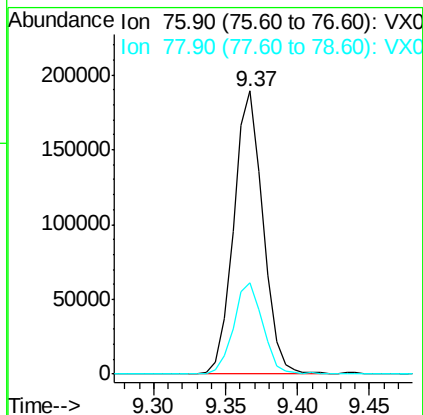
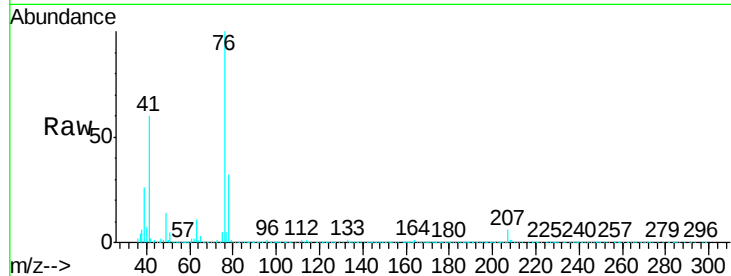
Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.6

Manual Integrations
APPROVED

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11/4/2019 1:30:15 PM



#58

2-Chloroethyl Vinyl ether

Concen: 99.569 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX013310.D

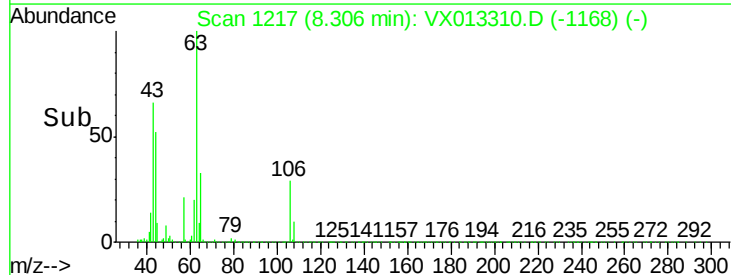
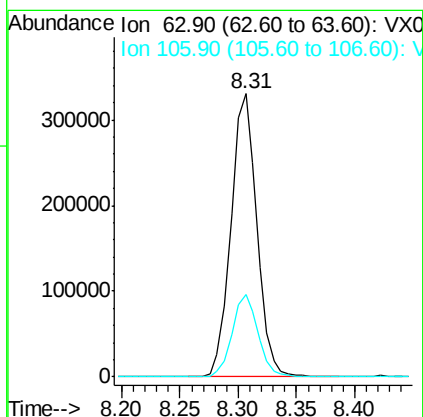
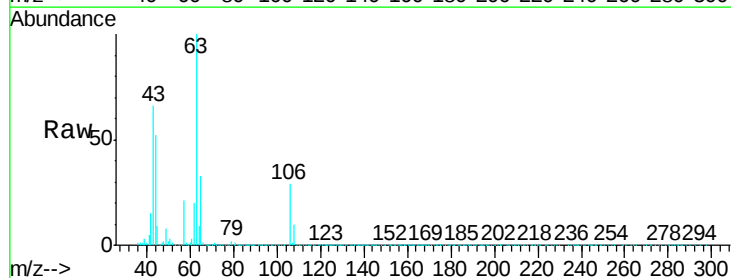
Acq: 01 Nov 2019 14:44

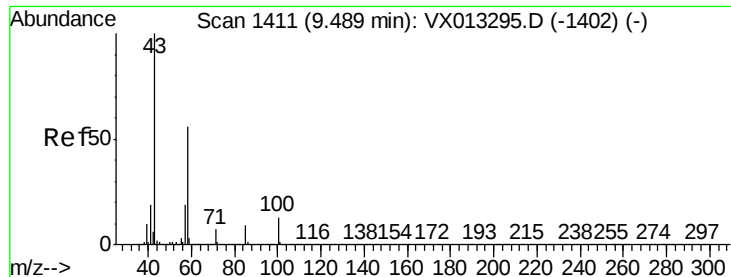
Tgt Ion: 63 Resp: 511487

Ion Ratio Lower Upper

63 100

106 29.0 23.4 35.2





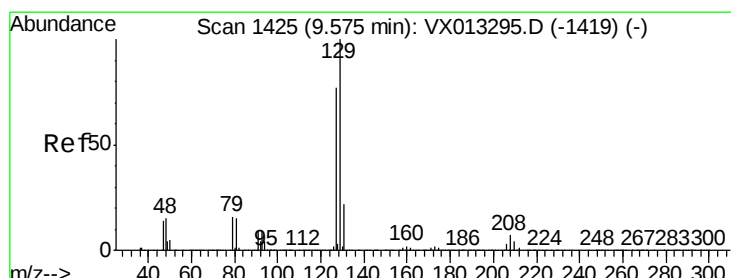
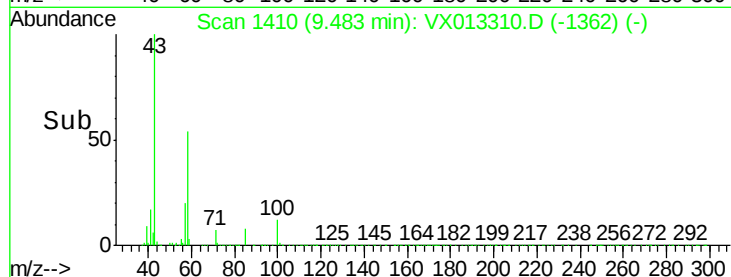
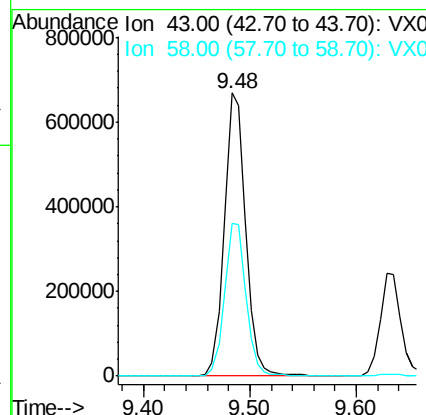
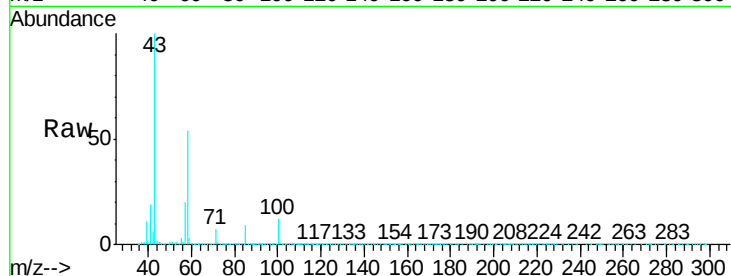
#59
2-Hexanone
Concen: 101.910 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX013310.D
Acq: 01 Nov 2019 14:44

Instrument :
MSVOA_X
ClientSampleId :
VX1101WBSD01

Tgt Ion: 43 Resp: 933403
Ion Ratio Lower Upper
43 100
58 54.6 27.3 81.8

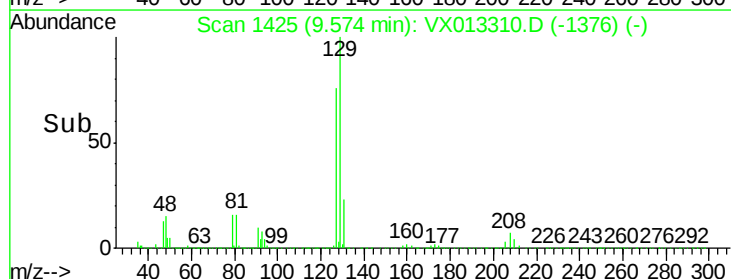
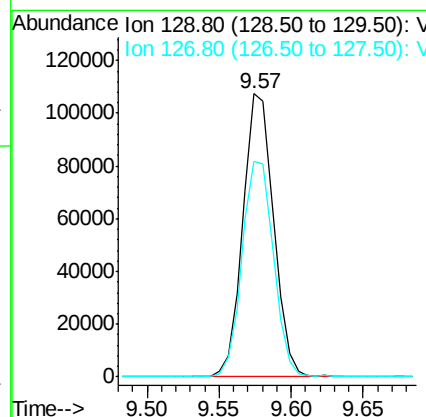
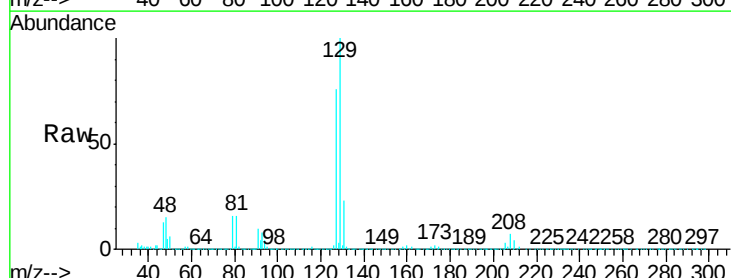
Manual Integrations
APPROVED

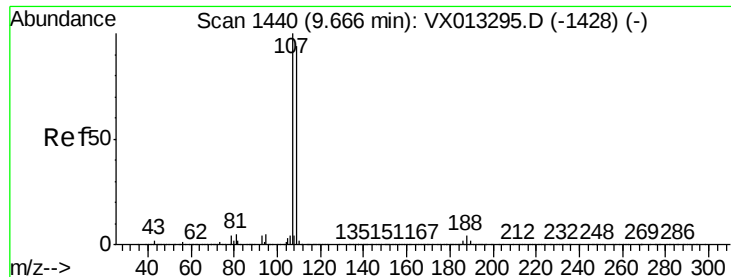
MMDadoda
11/4/2019 1:30:15 PM



#60
Dibromochloromethane
Concen: 20.646 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX013310.D
Acq: 01 Nov 2019 14:44

Tgt Ion: 129 Resp: 158640
Ion Ratio Lower Upper
129 100
127 78.3 39.1 117.2





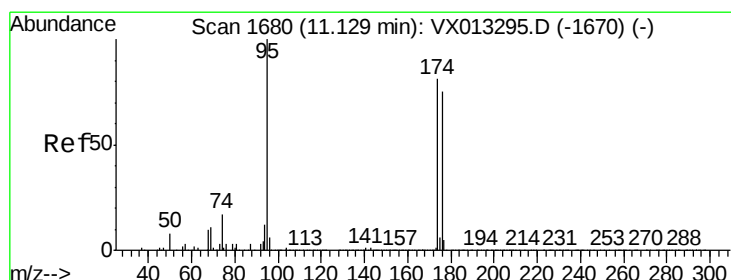
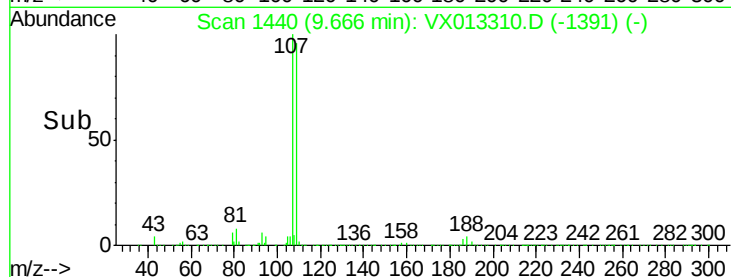
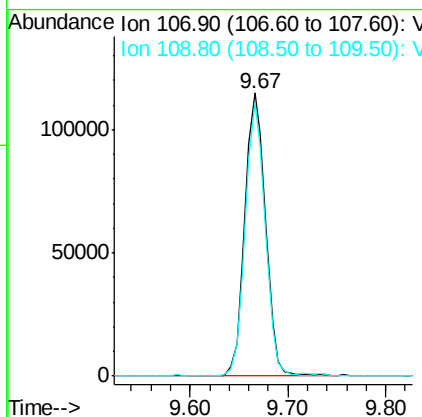
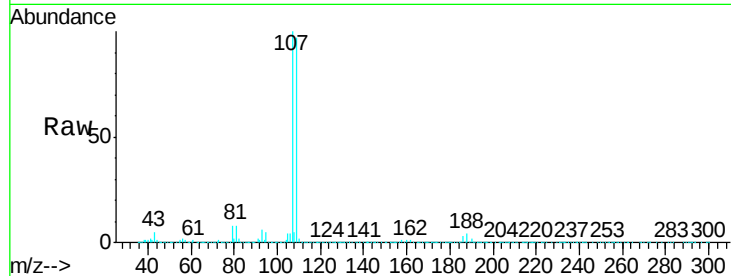
#61
 1,2-Dibromoethane
 Concen: 21.274 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX013310.D
 Acq: 01 Nov 2019 14:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1101WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	169721		
109	92.6	75.1	112.7	

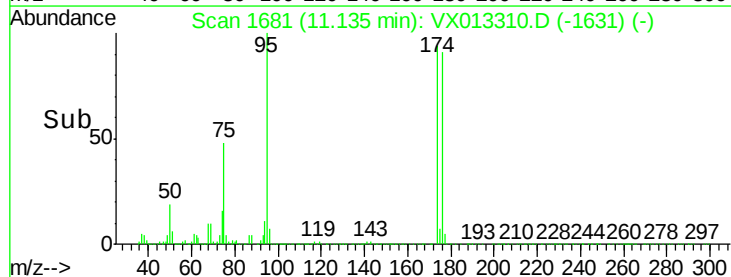
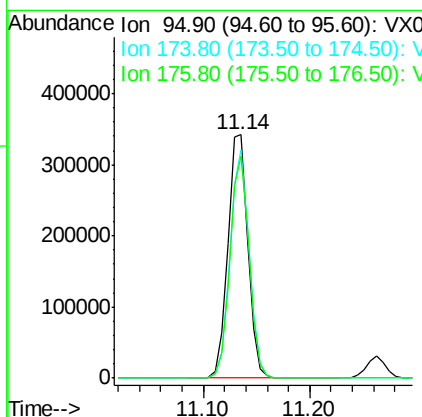
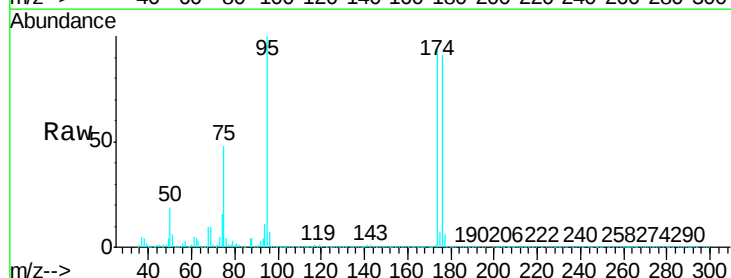
Manual Integrations
 APPROVED

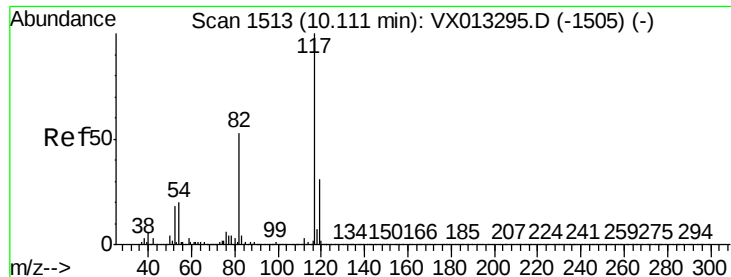
MMDadoda
 11/4/2019 1:30:15 PM



#62
 4-Bromofluorobenzene
 Concen: 48.460 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. 0.01 min
 Lab File: VX013310.D
 Acq: 01 Nov 2019 14:44

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	452579		
174	89.0	0.0	179.8	
176	87.2	0.0	173.0	





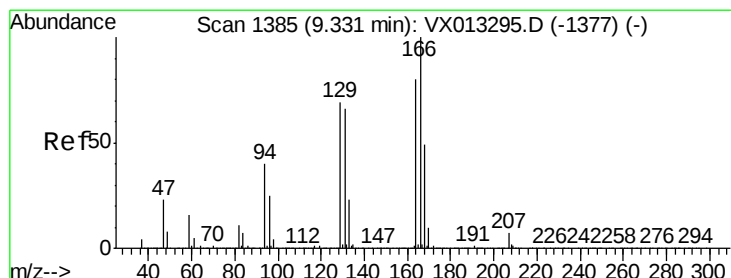
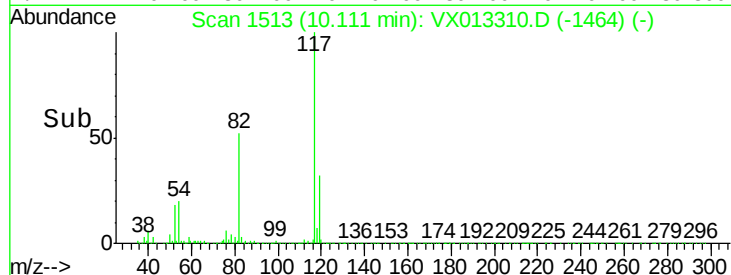
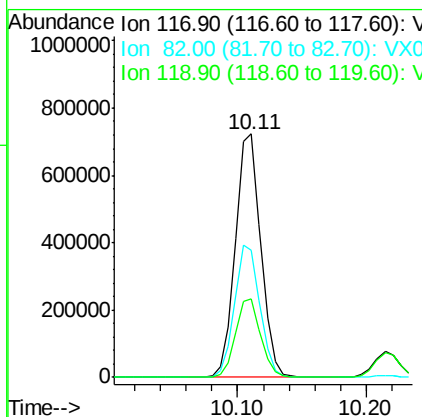
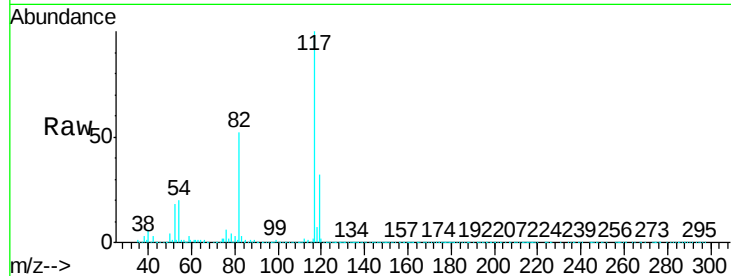
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013310.D
Acq: 01 Nov 2019 14:44

Instrument :
MSVOA_X
ClientSampleId :
VX1101WBSD01

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	52.1	42.6	64.0
119	32.1	24.8	37.2

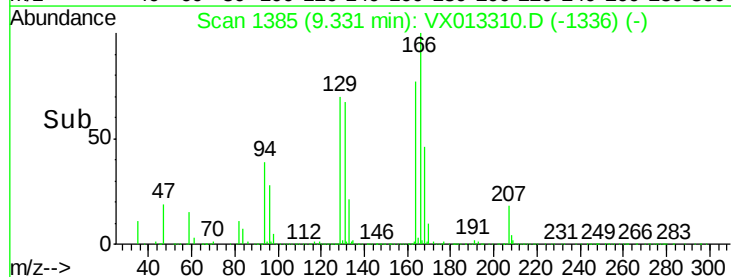
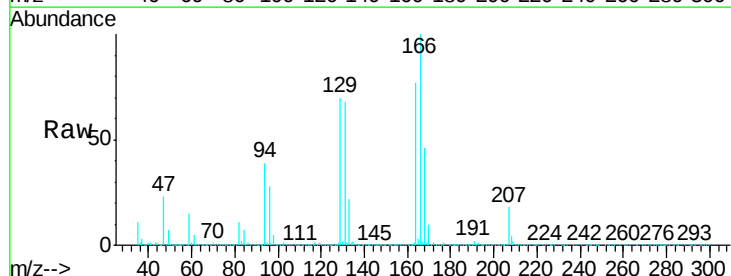
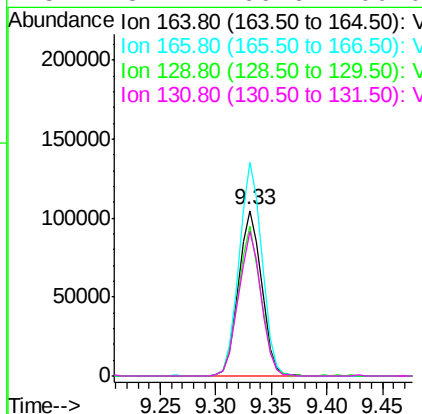
Manual Integrations
APPROVED

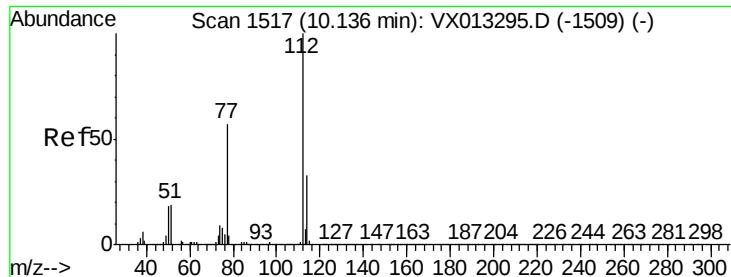
MMDadoda
11/4/2019 1:30:15 PM



#64
Tetrachloroethene
Concen: 21.190 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013310.D
Acq: 01 Nov 2019 14:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
166	129.1	100.4	150.6
129	90.3	69.4	104.2
131	87.2	66.6	100.0





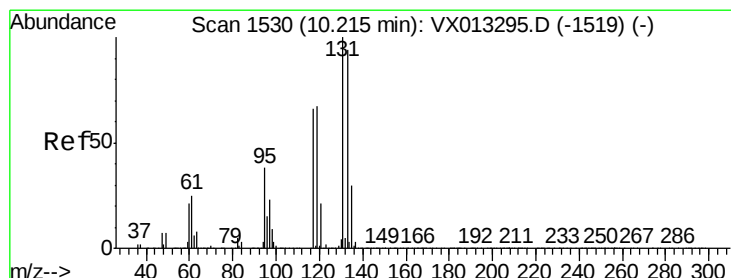
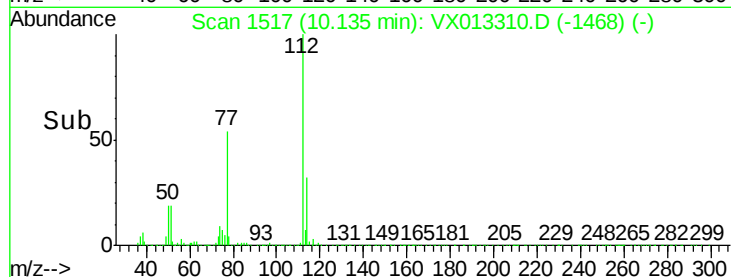
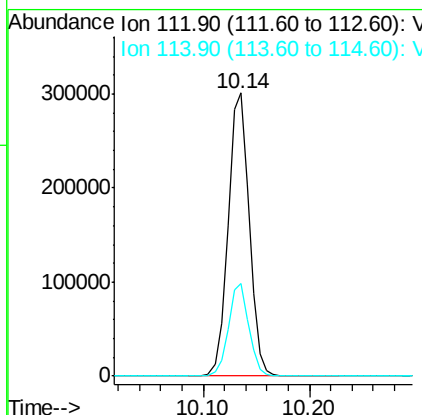
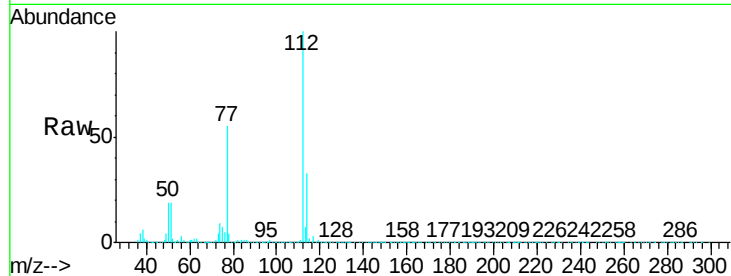
#65
Chlorobenzene
Concen: 20.766 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013310.D
Acq: 01 Nov 2019 14:44

Instrument :
MSVOA_X
ClientSampleId :
VX1101WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	417258		
114	32.5	26.4	39.6	

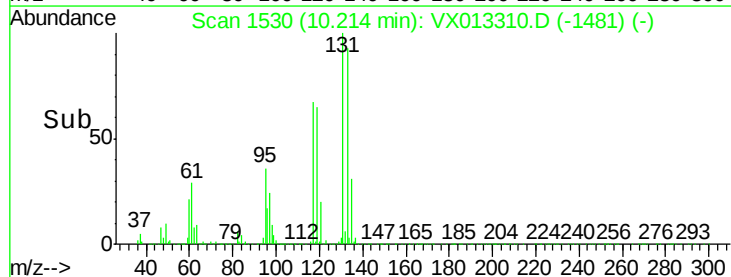
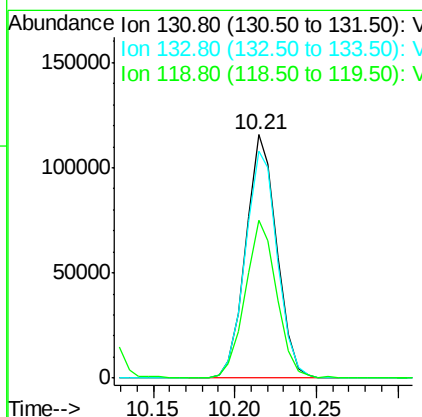
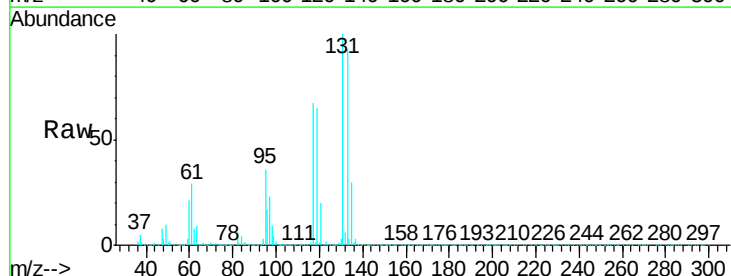
Manual Integrations
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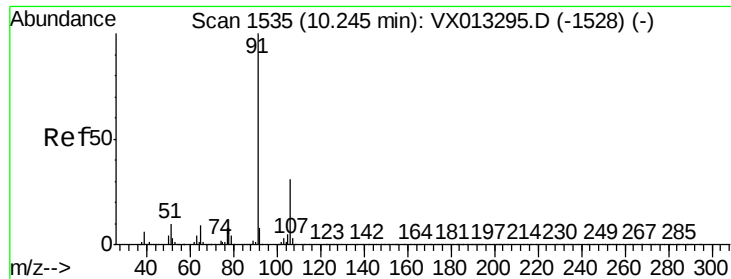
MMDadoda
11/4/2019 1:30:15 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.803 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX013310.D
Acq: 01 Nov 2019 14:44

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	153478		
133	96.3	48.0	144.0	
119	65.4	33.0	99.0	





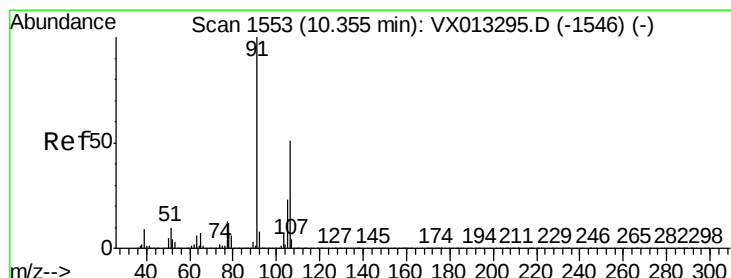
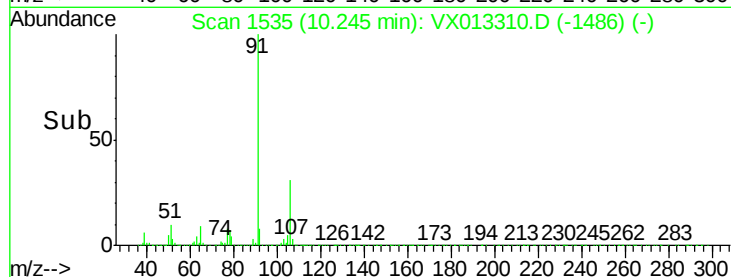
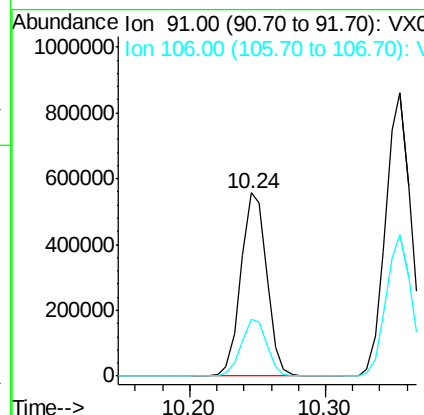
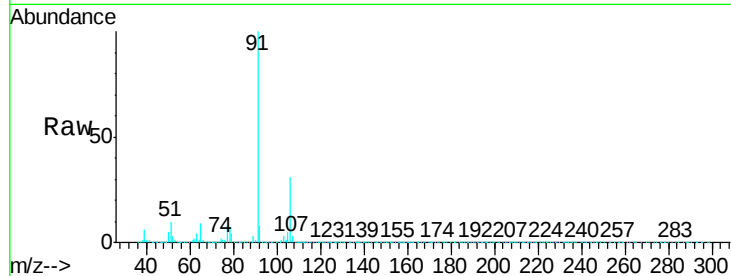
#67
Ethyl Benzene
Concen: 21.215 ug/l
RT: 10.24 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX013310.D
Acq: 01 Nov 2019 14:44

Instrument :
MSVOA_X
ClientSampleId :
VX1101WBSD01

Tgt Ion: 91 Resp: 735701
Ion Ratio Lower Upper
91 100
106 30.8 24.6 36.8

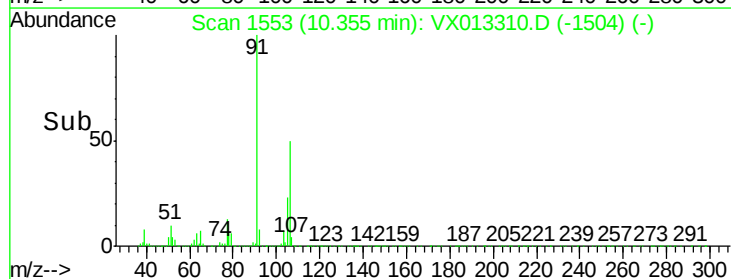
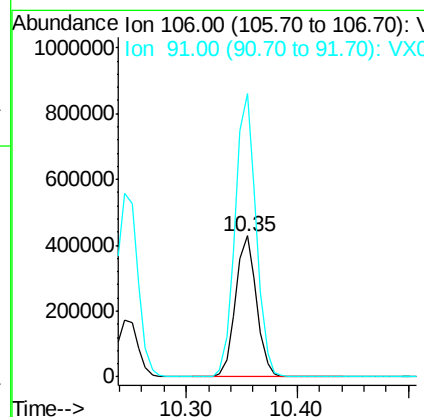
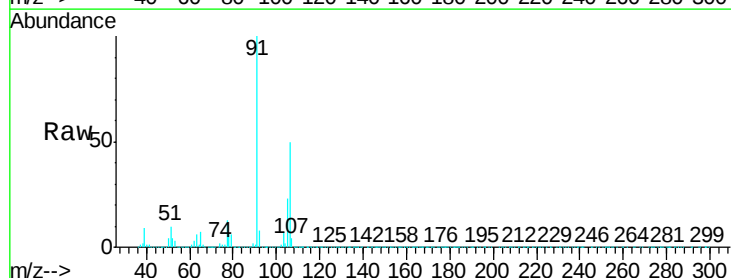
Manual Integrations
APPROVED

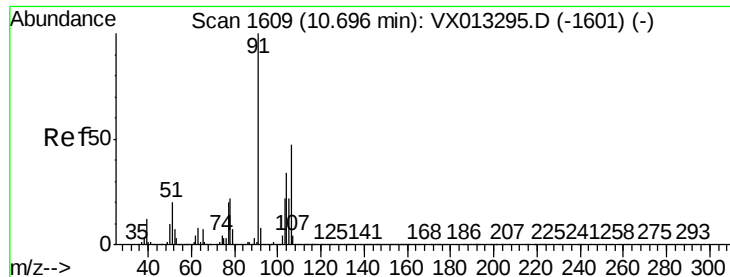
MMDadoda
11/4/2019 1:30:15 PM



#68
m/p-Xylenes
Concen: 42.471 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013310.D
Acq: 01 Nov 2019 14:44

Tgt Ion: 106 Resp: 557016
Ion Ratio Lower Upper
106 100
91 201.1 159.3 238.9





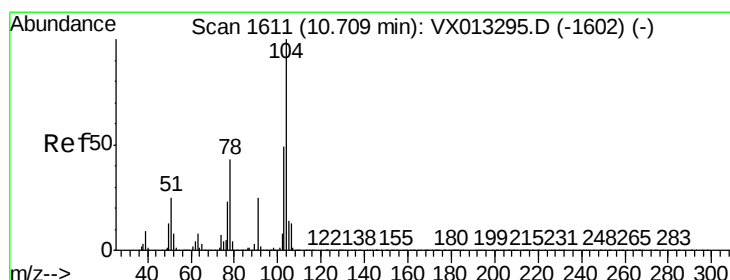
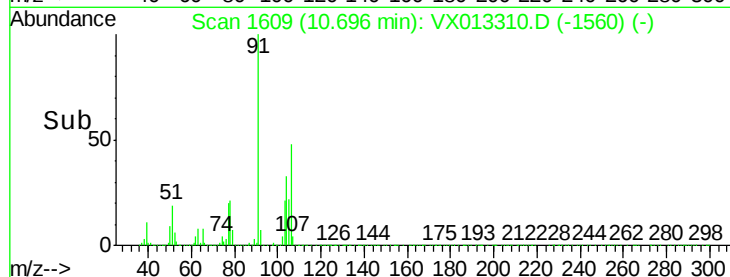
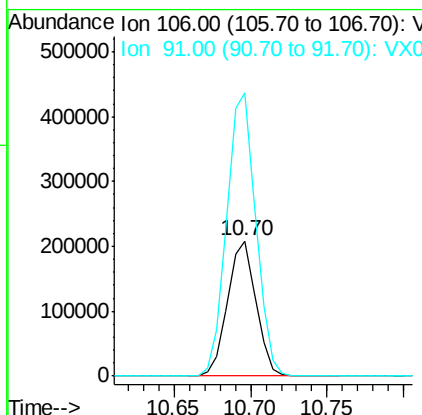
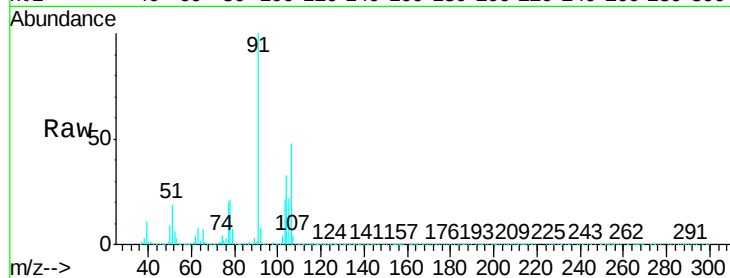
#69
o-Xylene
Concen: 20.865 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013310.D
Acq: 01 Nov 2019 14:44

Instrument :
MSVOA_X
ClientSampled :
VX1101WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
106	100	267916		
91	214.8	105.7	317.0	

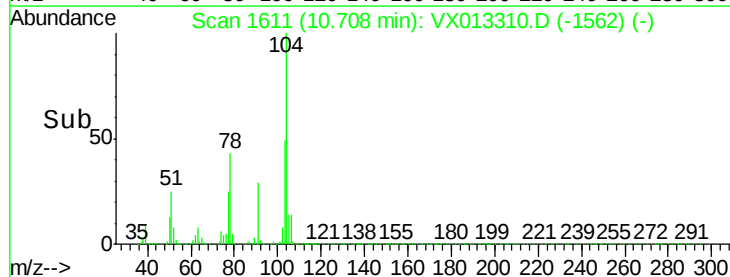
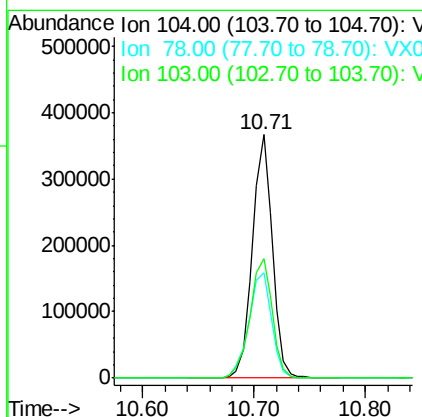
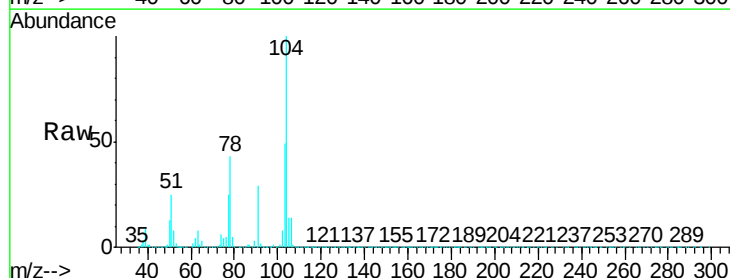
Manual Integrations
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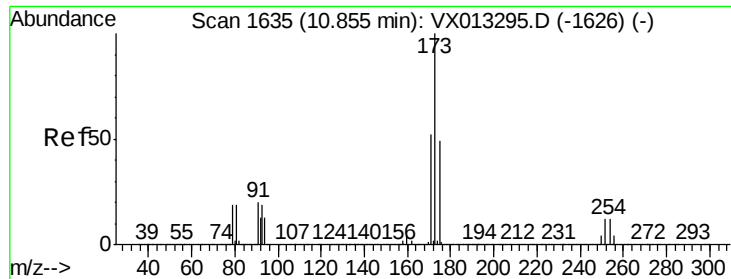
MMDadoda
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#70
Styrene
Concen: 21.263 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013310.D
Acq: 01 Nov 2019 14:44

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	456388		
78	49.8	40.0	60.0	
103	55.1	44.1	66.1	





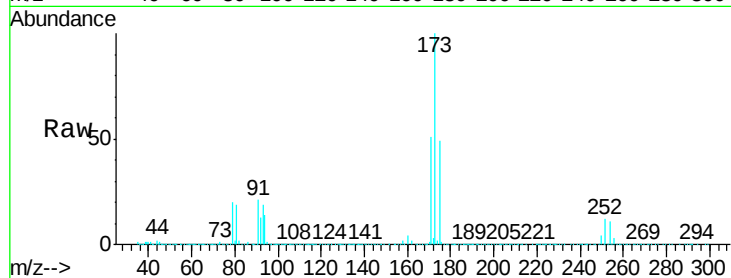
#71
Bromoform
Concen: 19.216 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX013310.D
Acq: 01 Nov 2019 14:44

Instrument :
MSVOA_X
ClientSampleId :
VX1101WBSD01

Tgt Ion	Ratio	Lower	Upper
173	100		
175	51.0	24.8	74.4
254	0.5	0.2	0.2#

Manual Integrations
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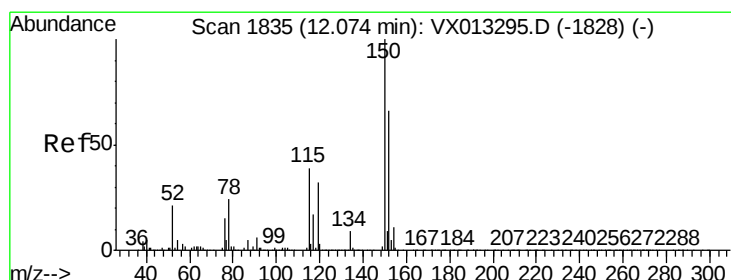
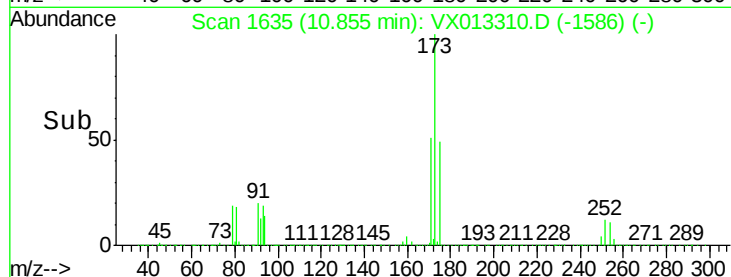
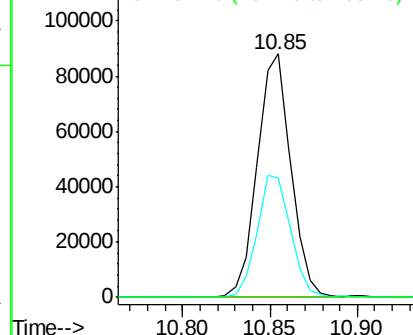


Abundance

Ion 172.70 (172.40 to 173.40): V

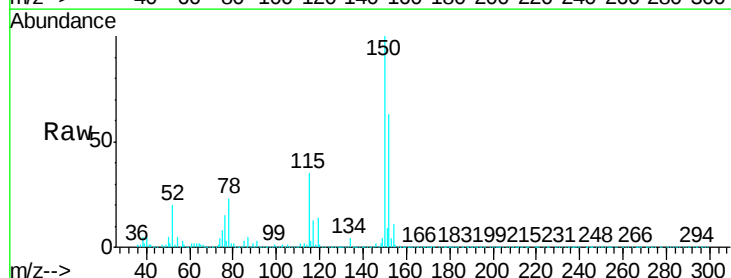
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013310.D
Acq: 01 Nov 2019 14:44

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.1	39.5	118.3
150	162.6	0.0	344.4

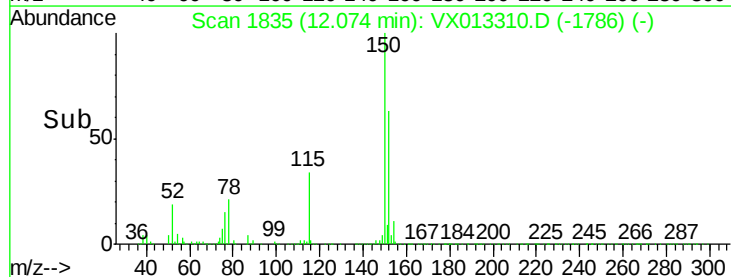
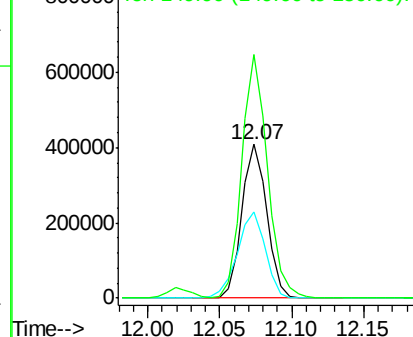


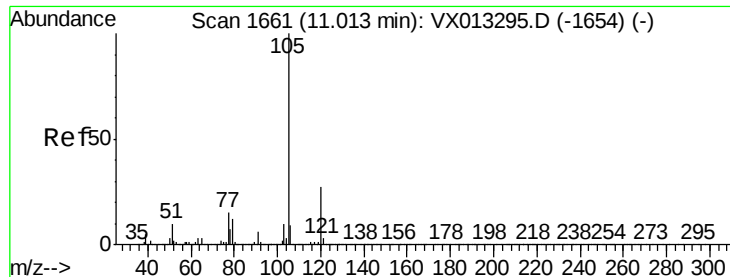
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 22.005 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013310.D

Acq: 01 Nov 2019 14:44

Instrument :

MSVOA_X

ClientSampleId :

VX1101WBSD01

Tgt Ion: 105 Resp: 719431

Ion Ratio Lower Upper

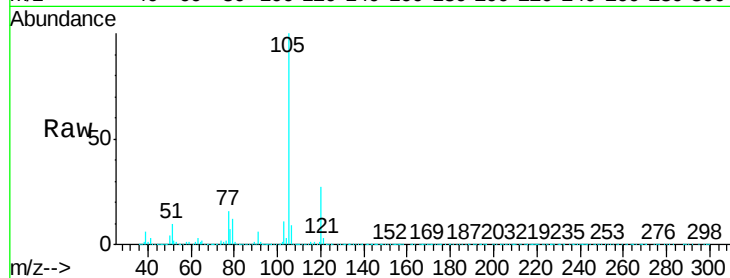
105 100

120 26.8

13.5 40.5

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

400000

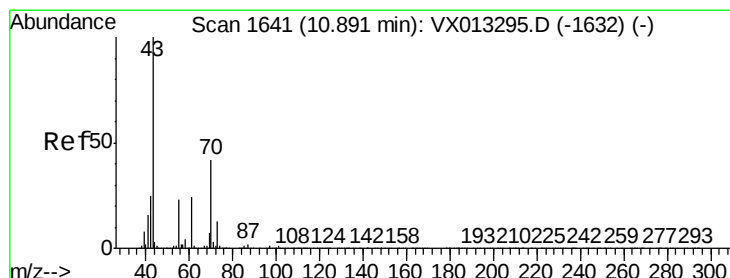
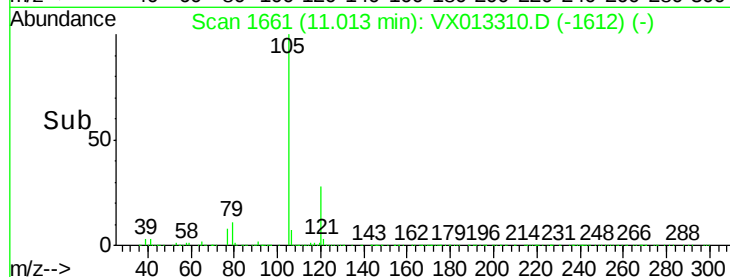
200000

0

11.01

11.10

Time-->



#74

N-ethyl acetate

Concen: 21.430 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013310.D

Acq: 01 Nov 2019 14:44

Tgt Ion: 43 Resp: 324906

Ion Ratio Lower Upper

43 100

70 43.3

34.1 51.1

55 24.9

18.9 28.3

61 24.2

19.2 28.8

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

400000

300000

200000

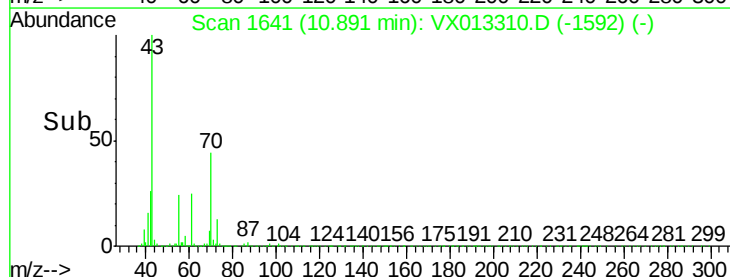
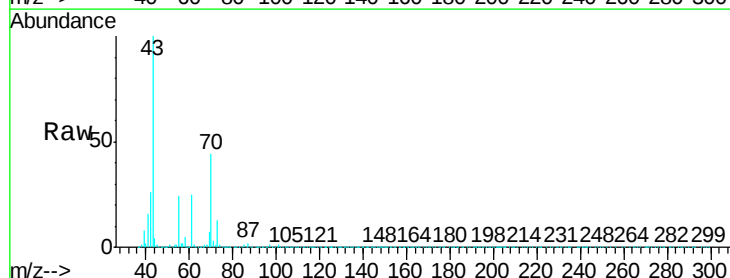
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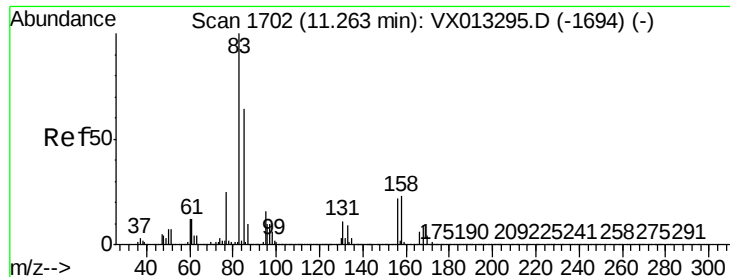
0

10.89

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 21.162 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013310.D

Acq: 01 Nov 2019 14:44

Instrument :

MSVOA_X

ClientSampleId :

VX1101WBSD01

Tgt Ion: 83 Resp: 252402
Ion Ratio Lower Upper

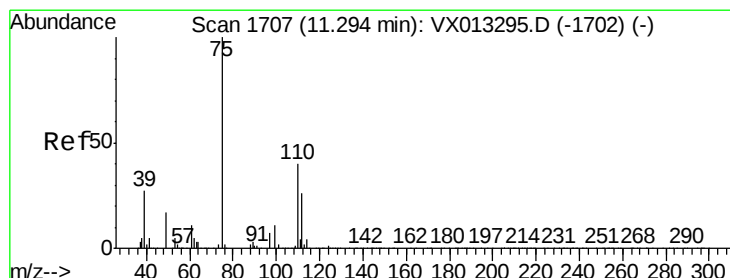
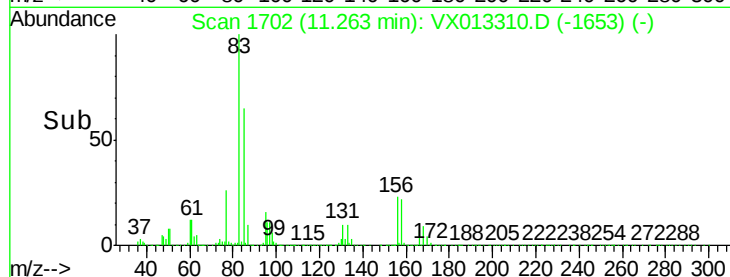
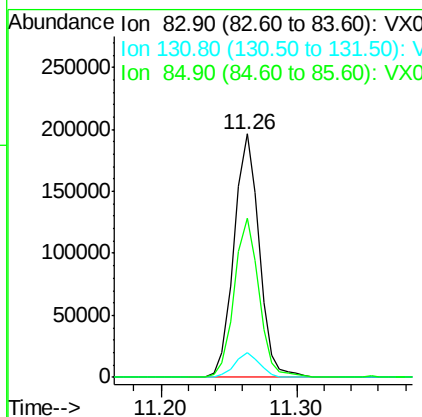
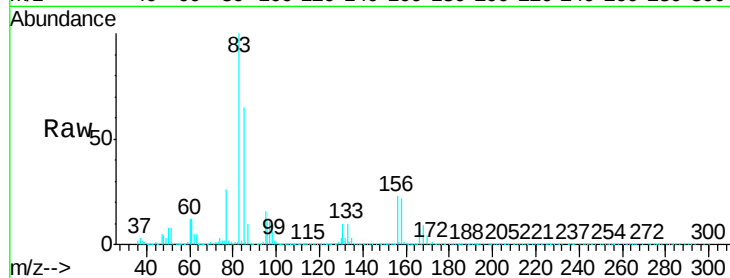
83 100

131 9.9 5.1 15.3

85 64.6 32.3 96.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.012 ug/l m

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

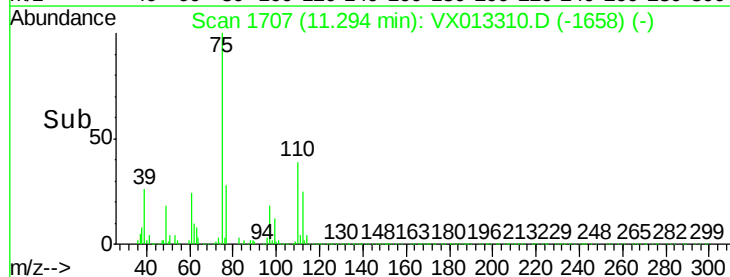
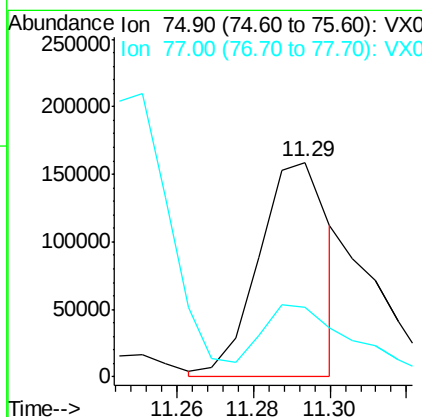
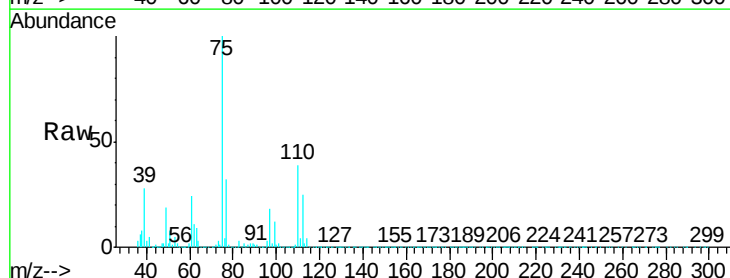
Lab File: VX013310.D

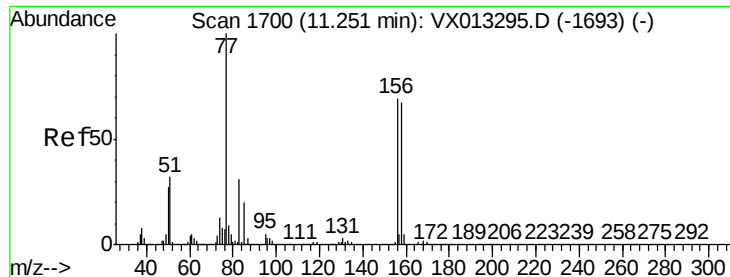
Acq: 01 Nov 2019 14:44

Tgt Ion: 75 Resp: 200440
Ion Ratio Lower Upper

75 100

77 43.8 22.3 66.8





#77

Bromobenzene

Concen: 21.833 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013310.D

Acq: 01 Nov 2019 14:44

Instrument :

MSVOA_X

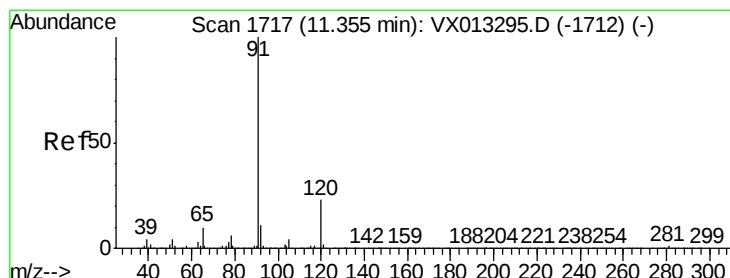
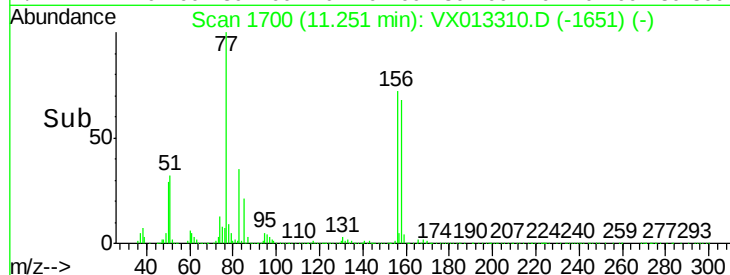
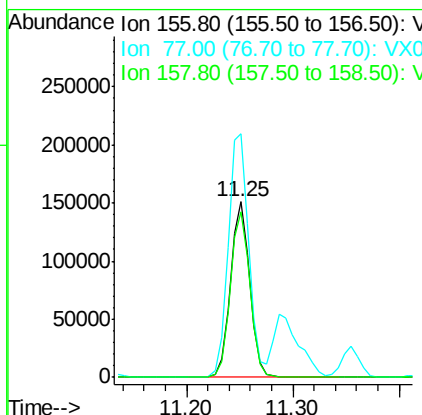
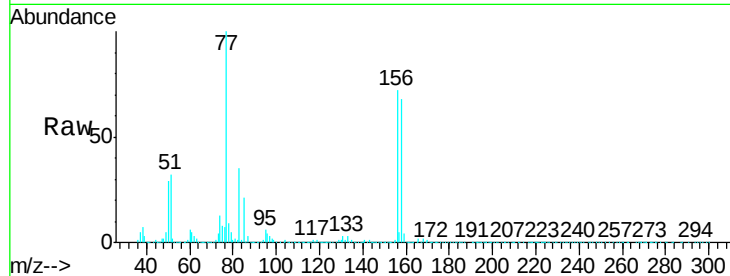
ClientSampleId :

VX1101WBSD01

Tgt Ion:	156	Resp:	190291
Ion Ratio	Lower	Upper	
156	100		
77	148.6	75.8	227.4
158	95.7	47.6	142.8

Manual Integrations
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#78

n-propylbenzene

Concen: 21.954 ug/l

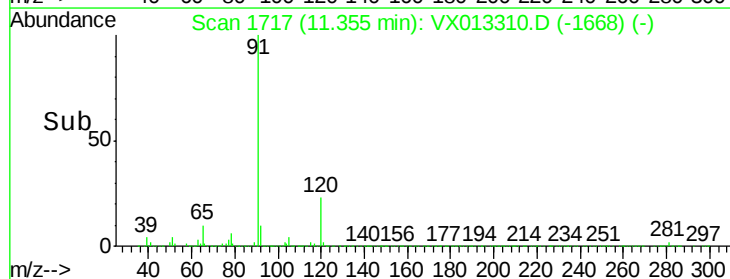
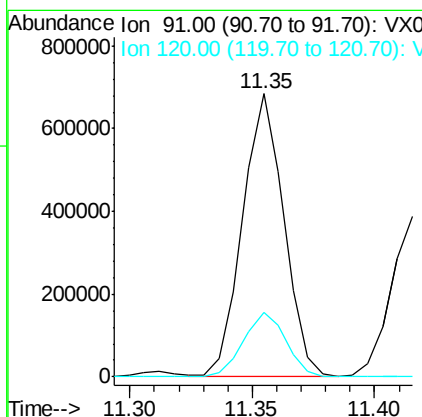
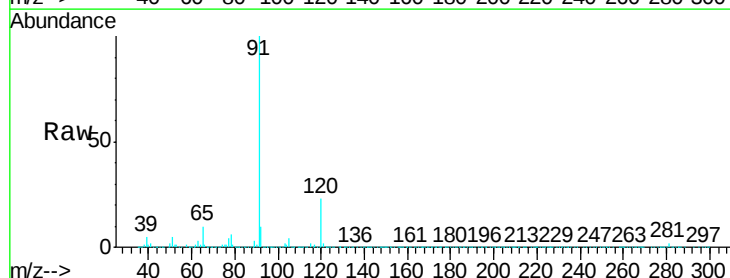
RT: 11.35 min Scan# 1717

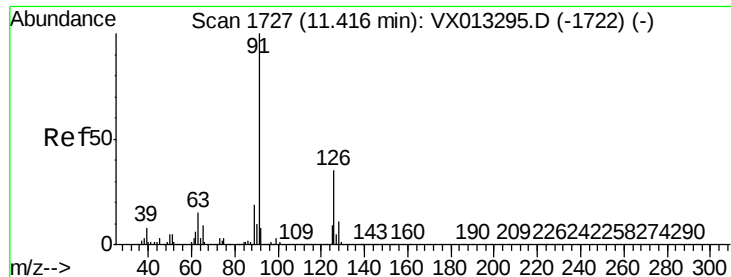
Delta R.T. -0.00 min

Lab File: VX013310.D

Acq: 01 Nov 2019 14:44

Tgt Ion:	91	Resp:	799550
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.6	34.8





#79

2-Chlorotoluene

Concen: 21.720 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013310.D

Acq: 01 Nov 2019 14:44

Instrument :

MSVOA_X

ClientSampleId :

VX1101WBSD01

Tgt Ion: 91 Resp: 476596

Ion Ratio Lower Upper

91 100

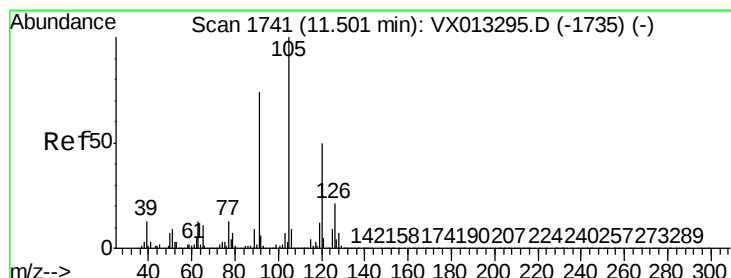
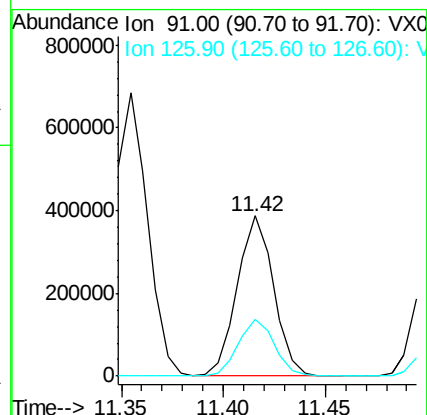
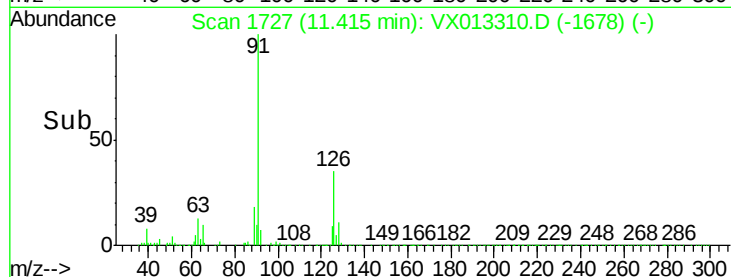
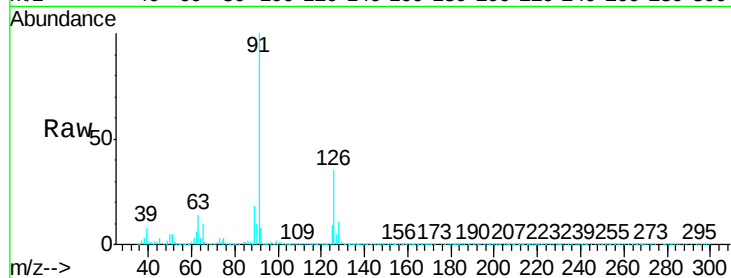
126 35.5 17.3 52.0

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 22.144 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013310.D

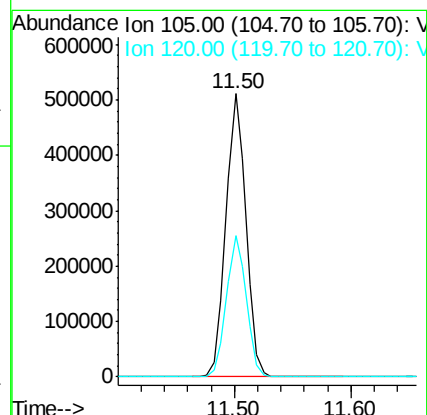
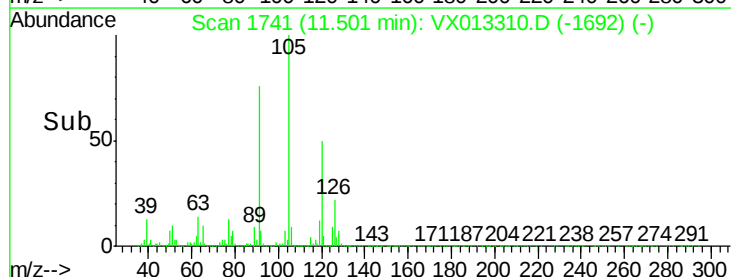
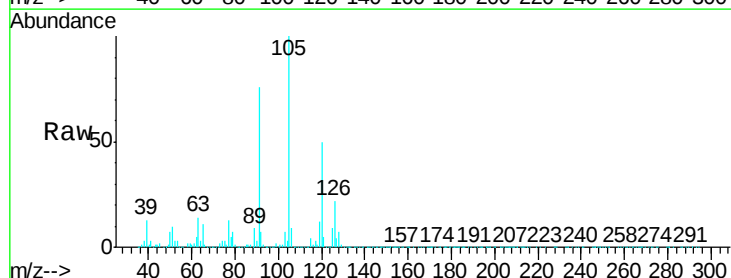
Acq: 01 Nov 2019 14:44

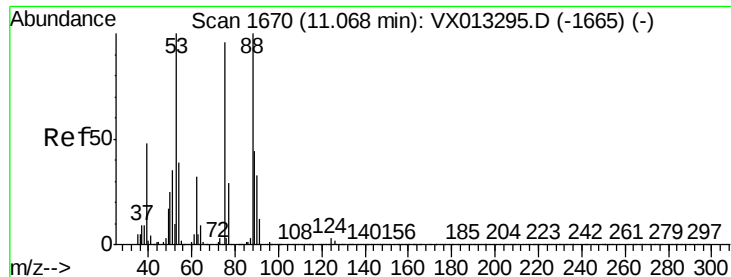
Tgt Ion: 105 Resp: 603041

Ion Ratio Lower Upper

105 100

120 49.7 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 18.817 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX013310.D

Acq: 01 Nov 2019 14:44

Instrument :

MSVOA_X

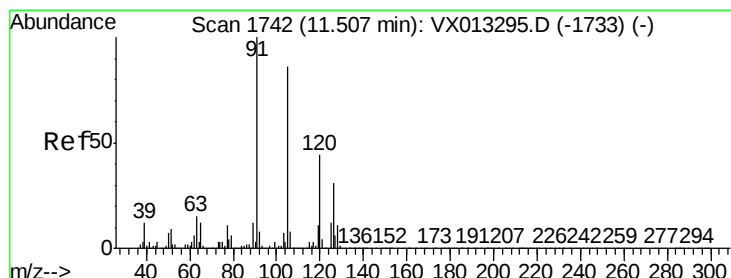
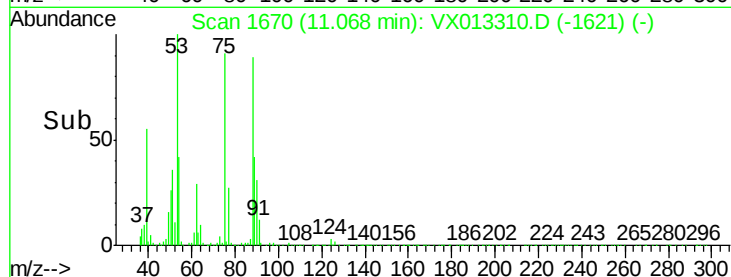
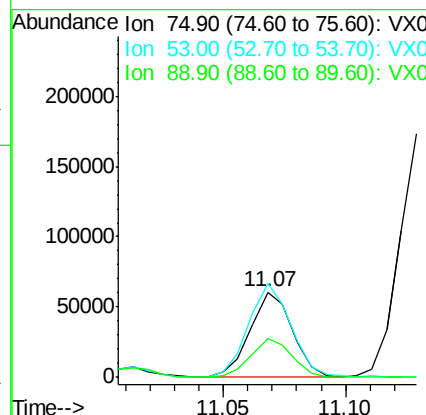
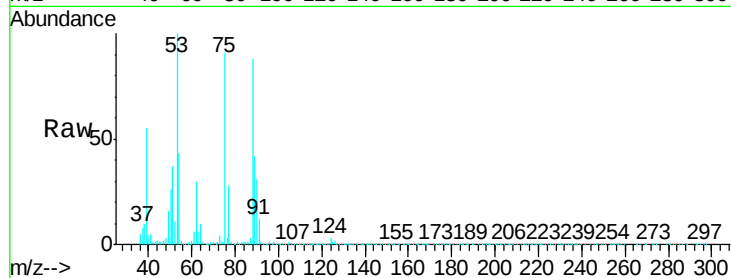
ClientSampleId :

VX1101WBSD01

Tgt Ion:	75	Resp:	73221
Ion Ratio	Lower	Upper	
75	100		
53	110.4	81.0	121.6
89	45.5	36.0	54.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 21.440 ug/l

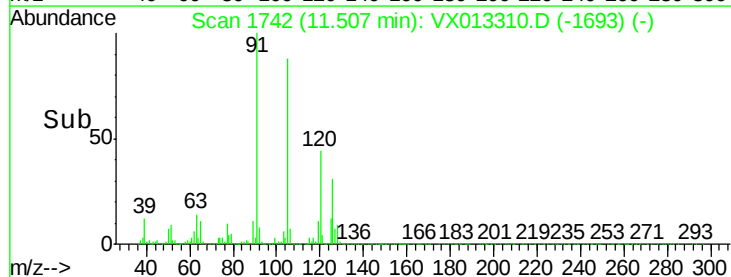
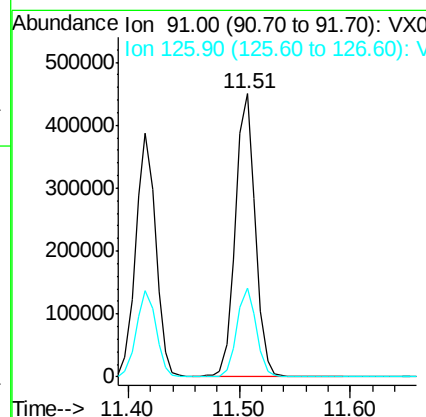
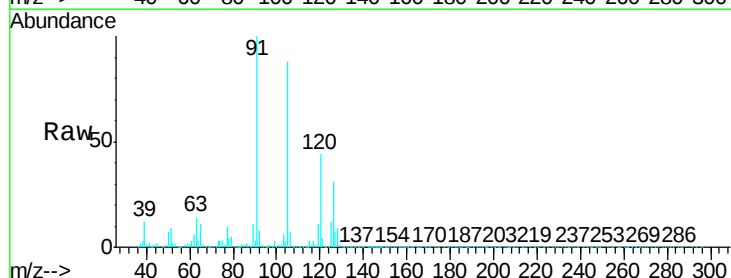
RT: 11.51 min Scan# 1742

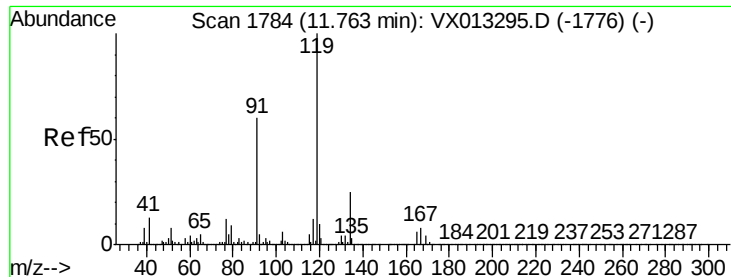
Delta R.T. -0.00 min

Lab File: VX013310.D

Acq: 01 Nov 2019 14:44

Tgt Ion:	91	Resp:	550710
Ion Ratio	Lower	Upper	
91	100		
126	30.7	15.3	45.8





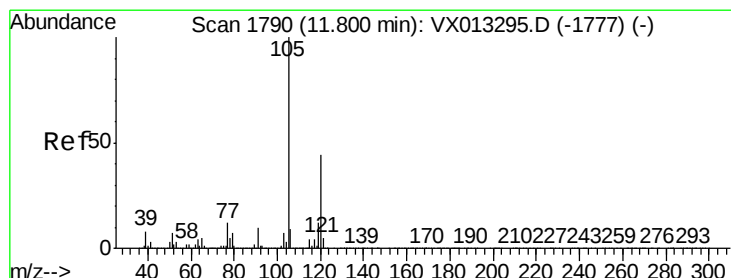
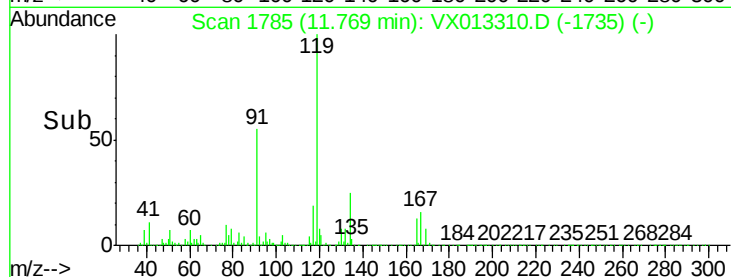
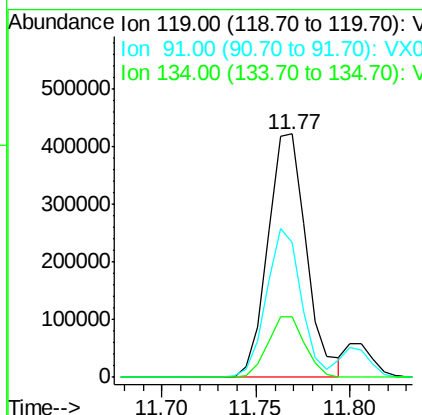
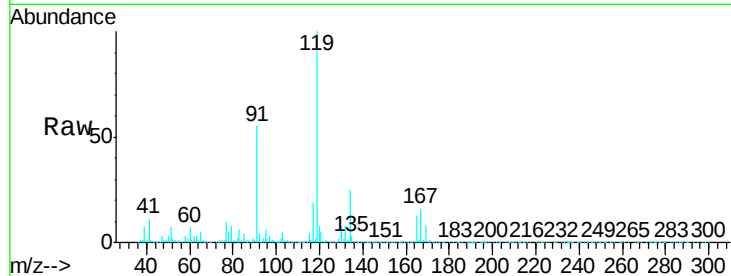
#83
 tert-Butylbenzene
 Concen: 21.847 ug/l
 RT: 11.77 min Scan# 1785
 Delta R.T. 0.01 min
 Lab File: VX013310.D
 Acq: 01 Nov 2019 14:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1101WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	598891		
91	55.0	26.9	80.7	
134	24.0	11.7	35.1	

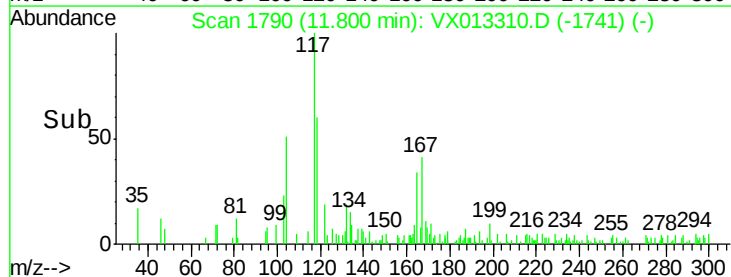
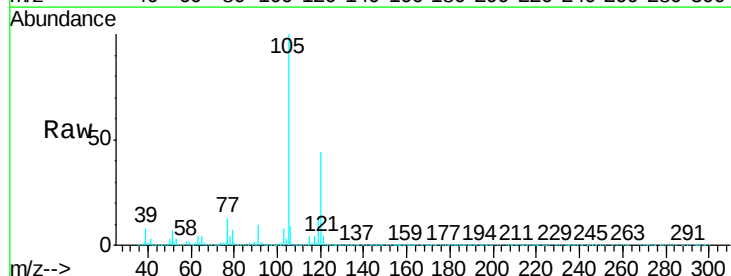
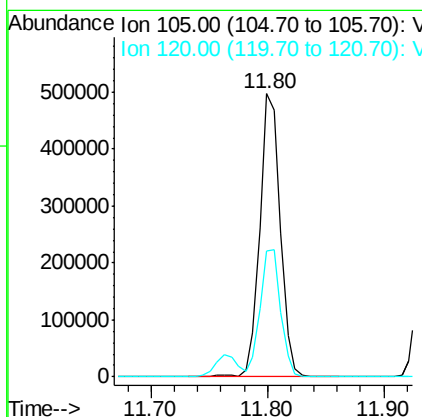
Manual Integrations
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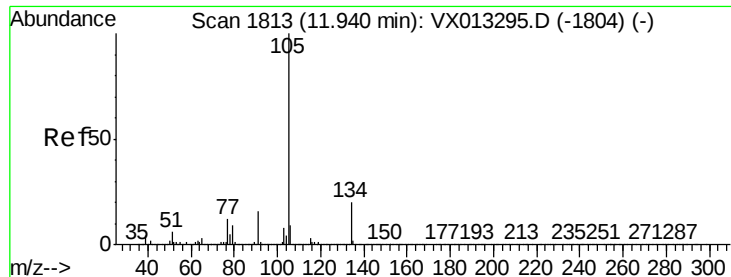
MMDadoda
 11/4/2019 1:30:15 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 22.413 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX013310.D
 Acq: 01 Nov 2019 14:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	612296		
120	45.3	22.7	68.1	





#85

sec-Butylbenzene

Concen: 21.748 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013310.D

Acq: 01 Nov 2019 14:44

Instrument :

MSVOA_X

ClientSampleId :

VX1101WBSD01

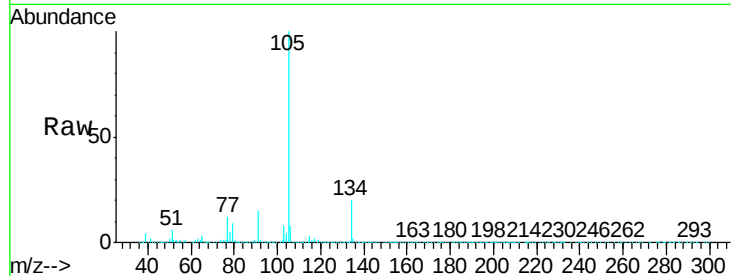
Tgt Ion:105 Resp: 685202
Ion Ratio Lower Upper

105 100

134 21.2 10.3 30.9

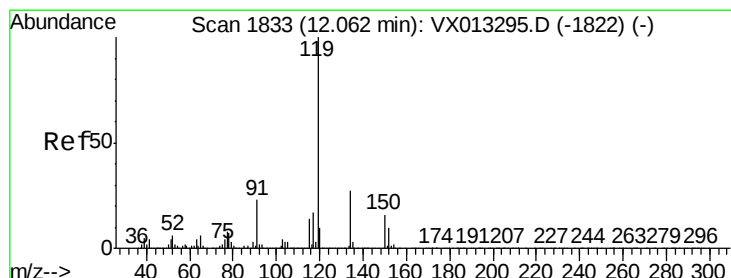
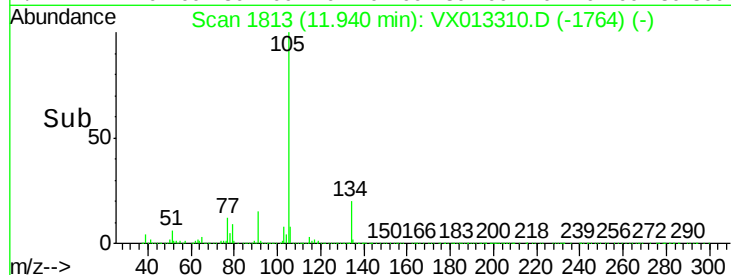
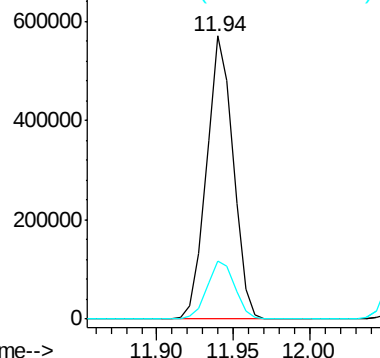
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 22.066 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013310.D

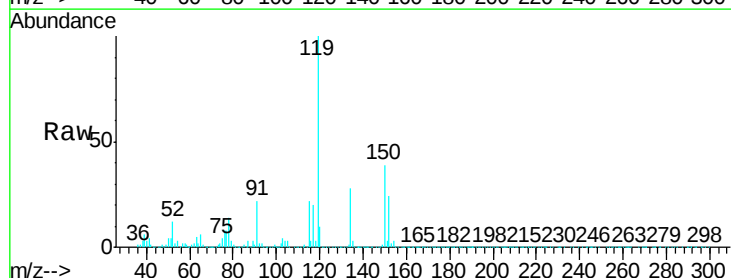
Acq: 01 Nov 2019 14:44

Tgt Ion:119 Resp: 640172
Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.8

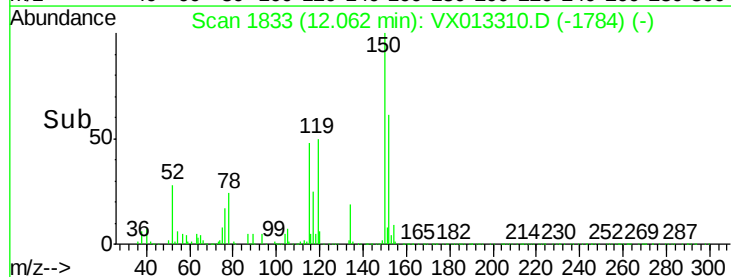
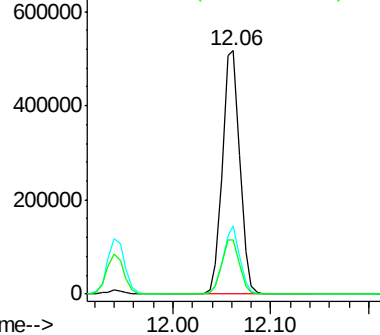
91 22.9 11.5 34.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





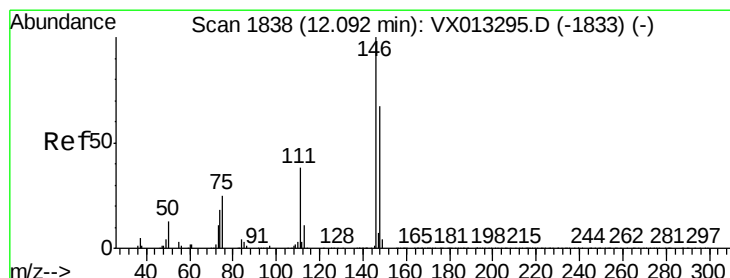
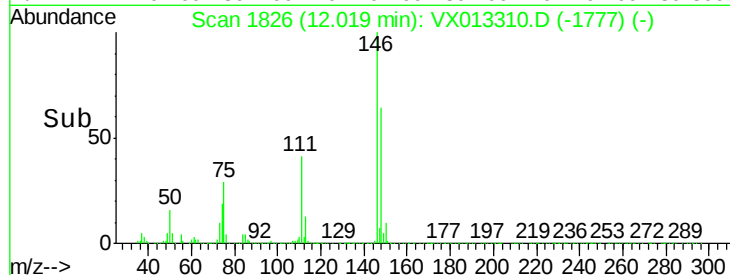
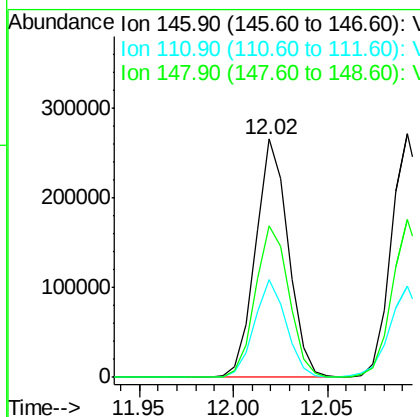
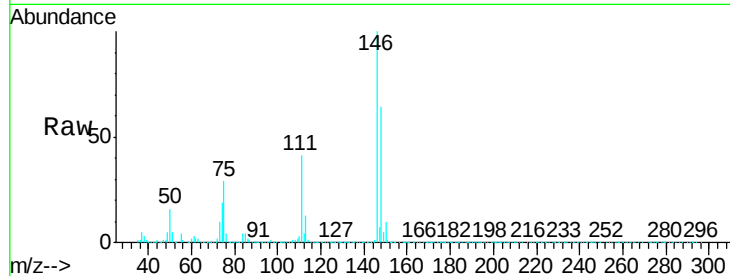
#87
 1,3-Dichlorobenzene
 Concen: 20.519 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013310.D
 Acq: 01 Nov 2019 14:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1101WBSD01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.6	18.9	56.5
148	65.5	31.9	95.7

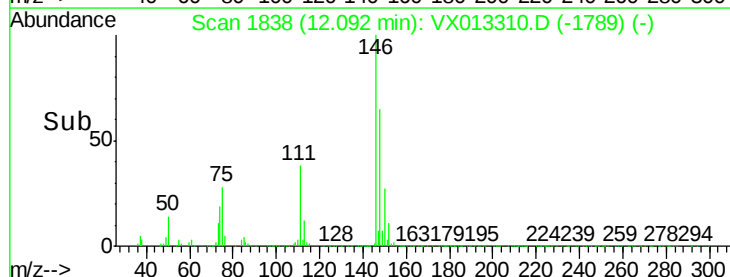
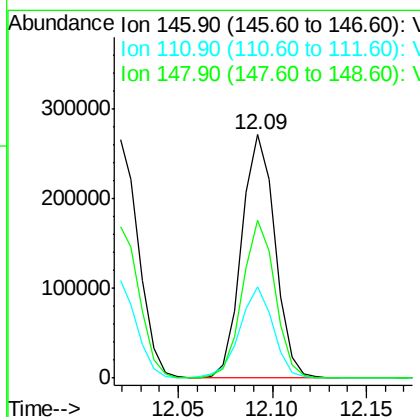
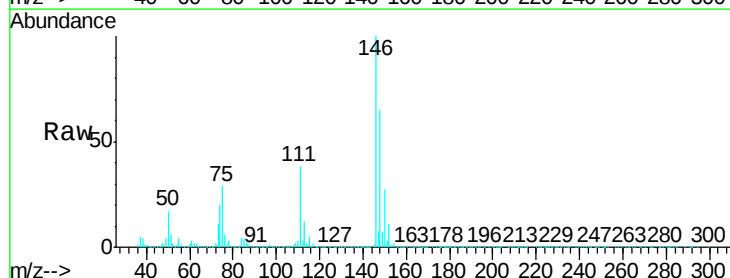
Manual Integrations
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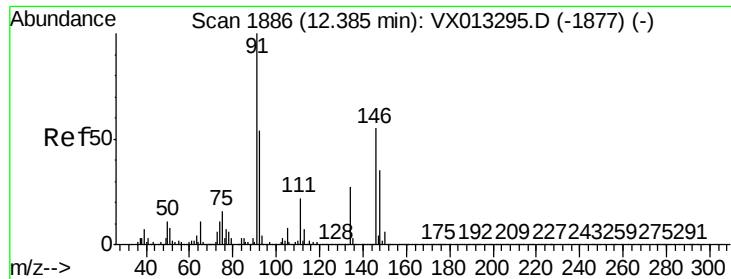
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 11/4/2019 1:30:15 PM



#88
 1,4-Dichlorobenzene
 Concen: 20.987 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013310.D
 Acq: 01 Nov 2019 14:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.8	56.4
148	63.5	32.4	97.0





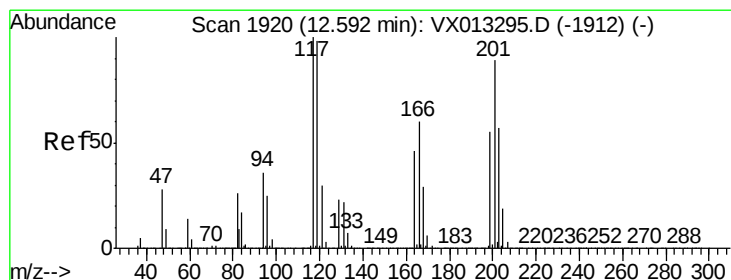
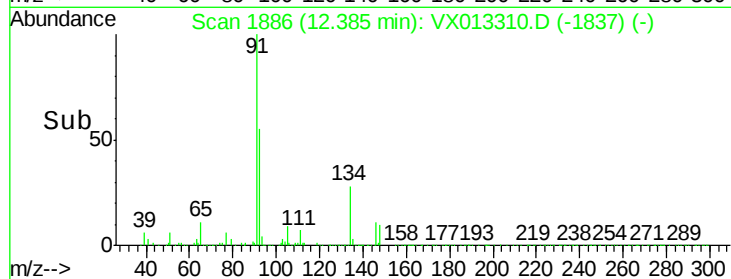
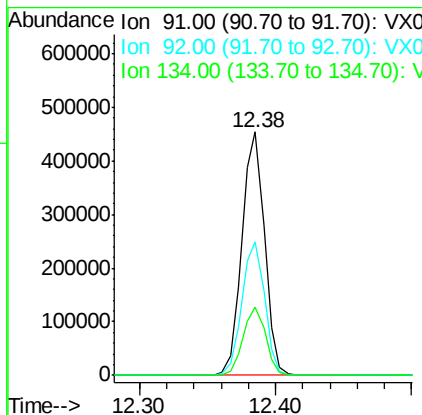
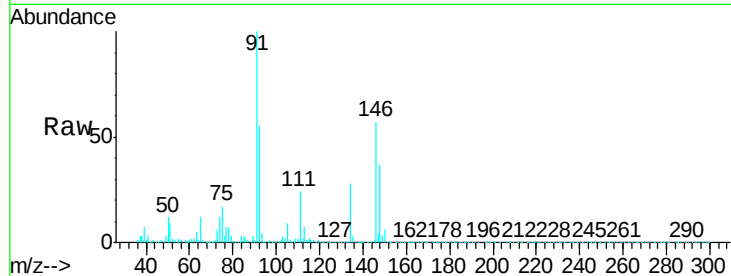
#89
n-Butylbenzene
Concen: 20.828 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013310.D
Acq: 01 Nov 2019 14:44

Instrument :
MSVOA_X
ClientSampleId :
VX1101WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	527265		
92	55.1	27.3	81.8	
134	27.9	13.5	40.5	

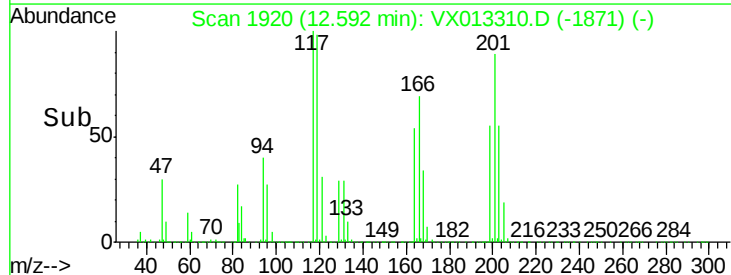
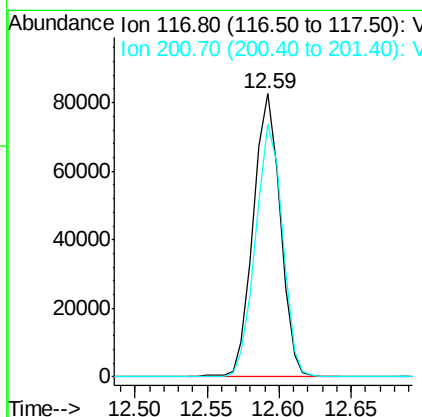
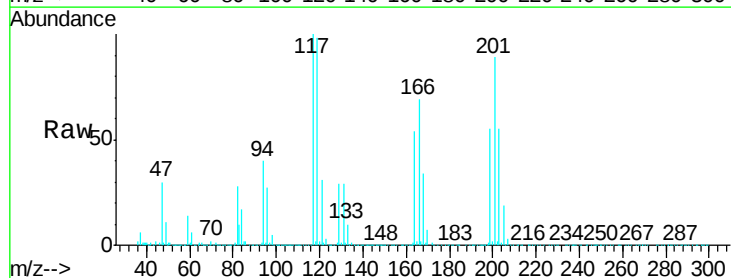
Manual Integrations
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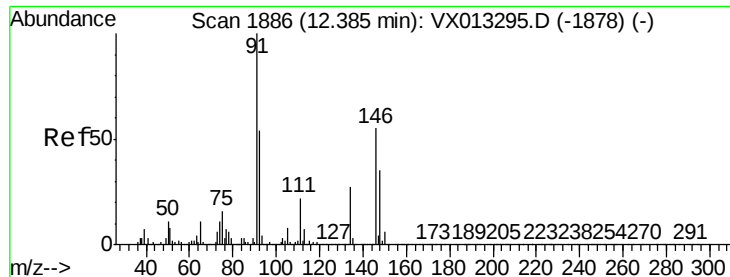
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#90
Hexachloroethane
Concen: 20.565 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013310.D
Acq: 01 Nov 2019 14:44

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	106303		
201	89.5	43.9	131.7	





#91

1,2-Dichlorobenzene

Concen: 21.130 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013310.D

Acq: 01 Nov 2019 14:44

Instrument :

MSVOA_X

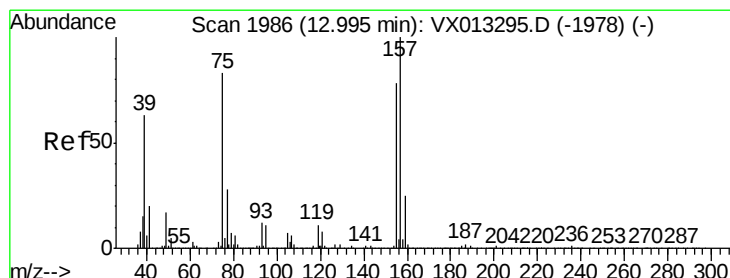
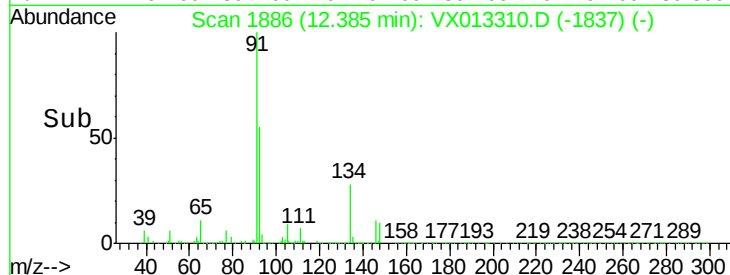
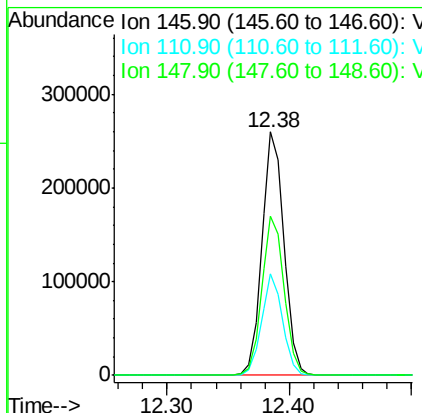
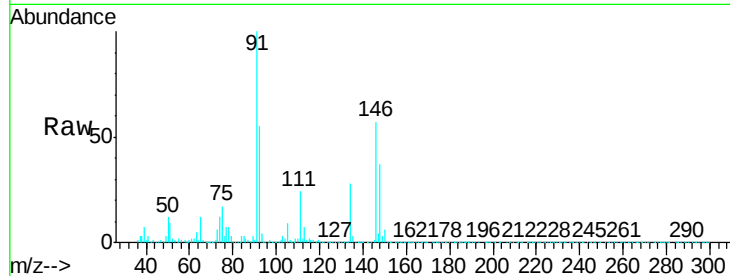
ClientSampleId :

VX1101WBSD01

Tgt Ion:	146	Resp:	328141
Ion Ratio	Lower	Upper	
146	100		
111	39.6	20.1	60.2
148	65.4	32.0	96.0

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 18.560 ug/l

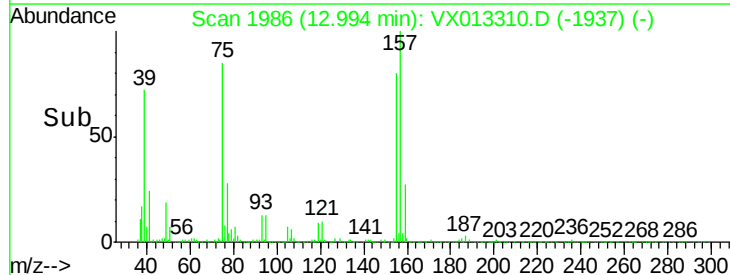
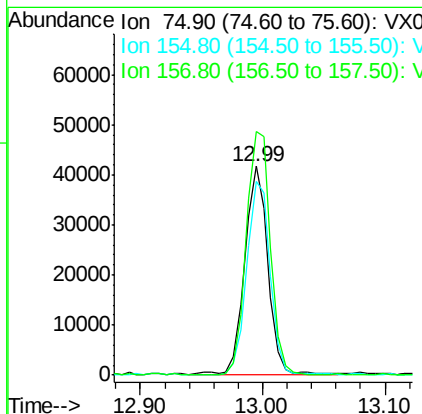
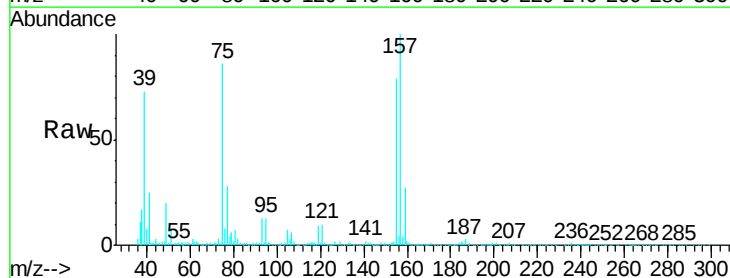
RT: 12.99 min Scan# 1986

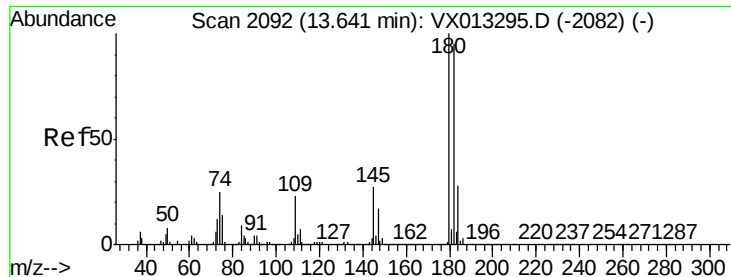
Delta R.T. -0.00 min

Lab File: VX013310.D

Acq: 01 Nov 2019 14:44

Tgt Ion:	75	Resp:	53933
Ion Ratio	Lower	Upper	
75	100		
155	95.1	47.1	141.4
157	123.0	61.3	183.8





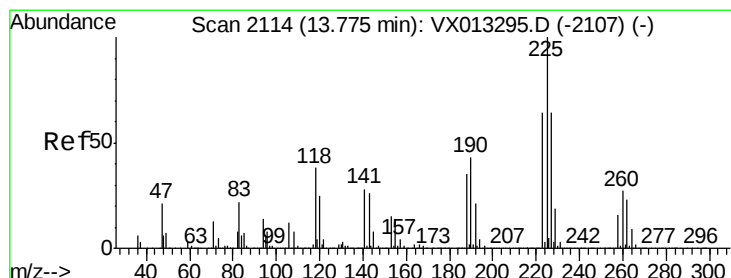
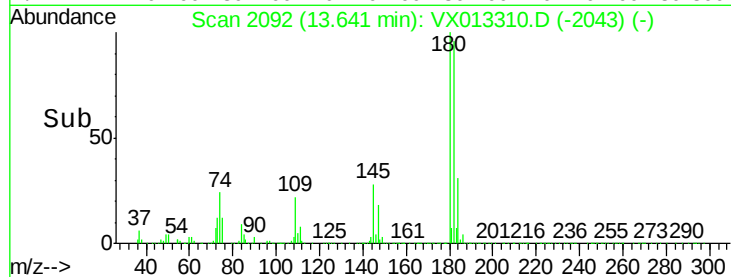
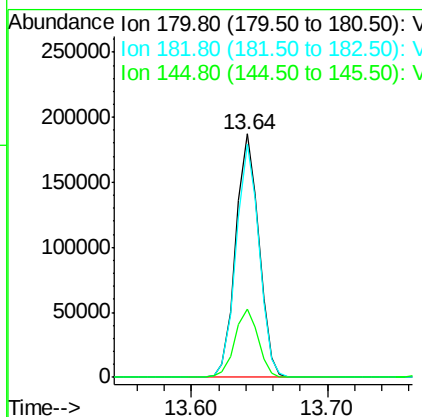
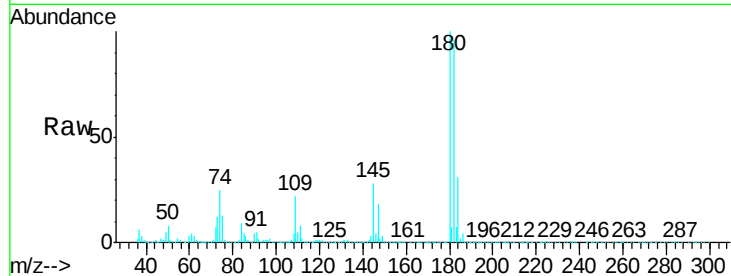
#93
 1,2,4-Trichlorobenzene
 Concen: 20.434 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013310.D
 Acq: 01 Nov 2019 14:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1101WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	221357		
182	95.8	48.4	145.0	
145	28.6	14.1	42.4	

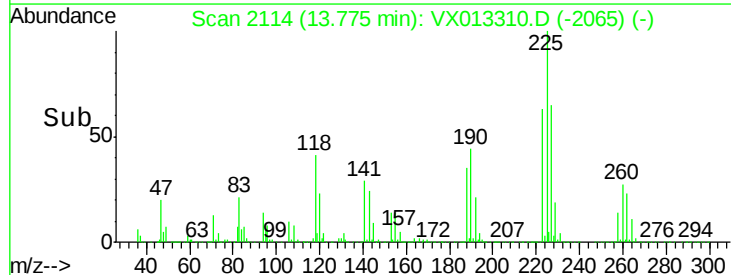
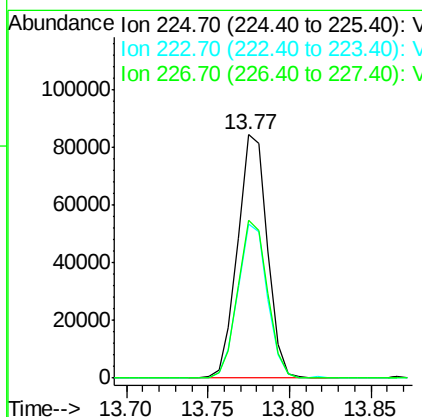
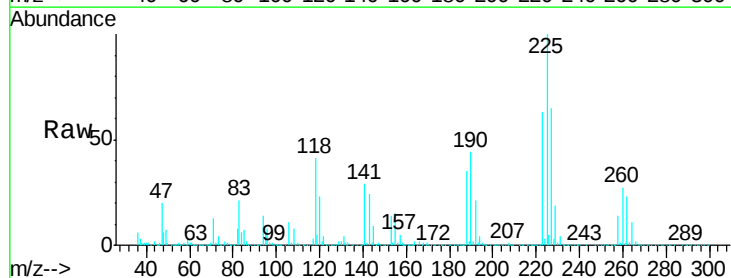
Manual Integrations
 APPROVED

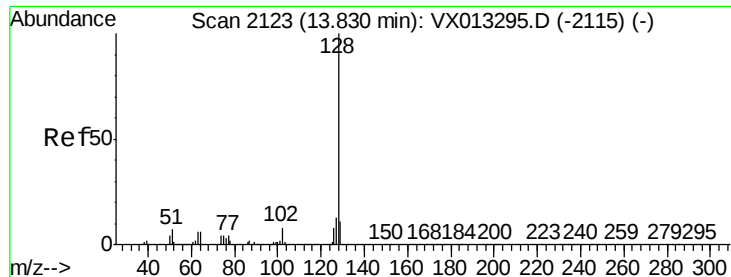
MMDadoda
 11/4/2019 1:30:15 PM



#94
 Hexachlorobutadiene
 Concen: 20.284 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX013310.D
 Acq: 01 Nov 2019 14:44

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	107501		
223	63.4	31.9	95.7	
227	65.0	31.9	95.9	





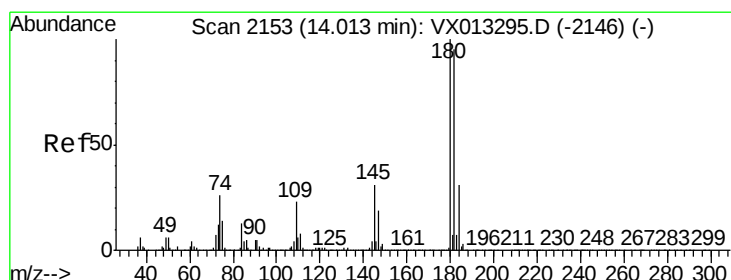
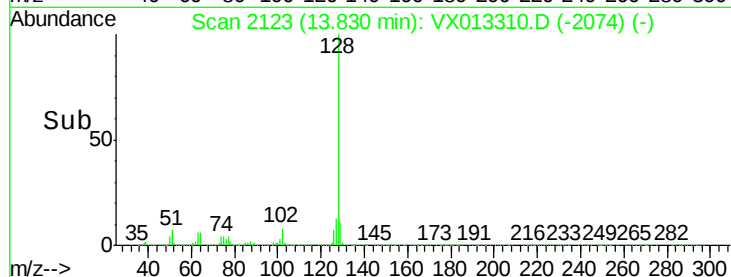
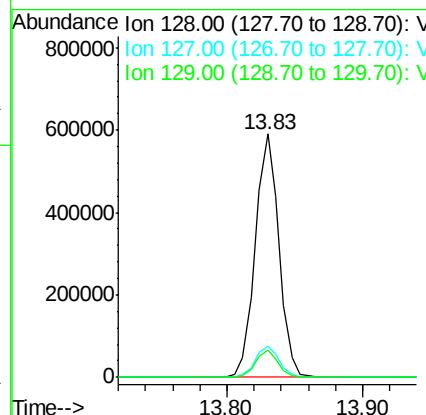
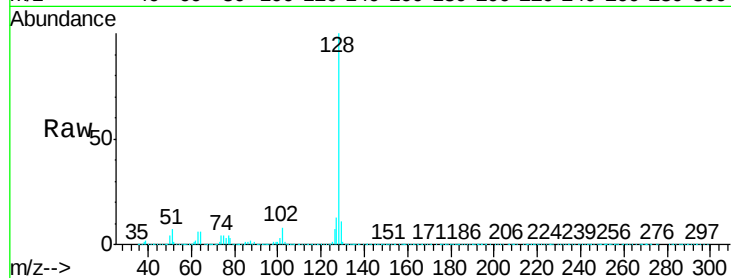
#95
Naphthalene
Concen: 21.188 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013310.D
Acq: 01 Nov 2019 14:44

Instrument :
MSVOA_X
ClientSampleId :
VX1101WBSD01

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
127	13.1	10.2	15.2
129	10.8	8.5	12.7

Manual Integrations
APPROVED

MMDadoda
11/4/2019 1:30:15 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.991 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX013310.D
Acq: 01 Nov 2019 14:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.1	48.0	144.2
145	30.3	15.4	46.4

